

### Appendix A. Plots of System Verification

The plots for system verification are shown as follows.

## Plots of System Verification

### Measurement Report S01 System Check\_H2450\_250625 Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| D2450V2,            | 10.0 x 10.0 x 290.0 |      |          |

### Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|------|------------|---------------------------------|-------------------|------------------------|------------------|
| Flat,                | ,                            |      | CW, 0--    | 2450.000, 0                     | 6.76              | 1.80                   | 39.0             |

### Hardware Setup

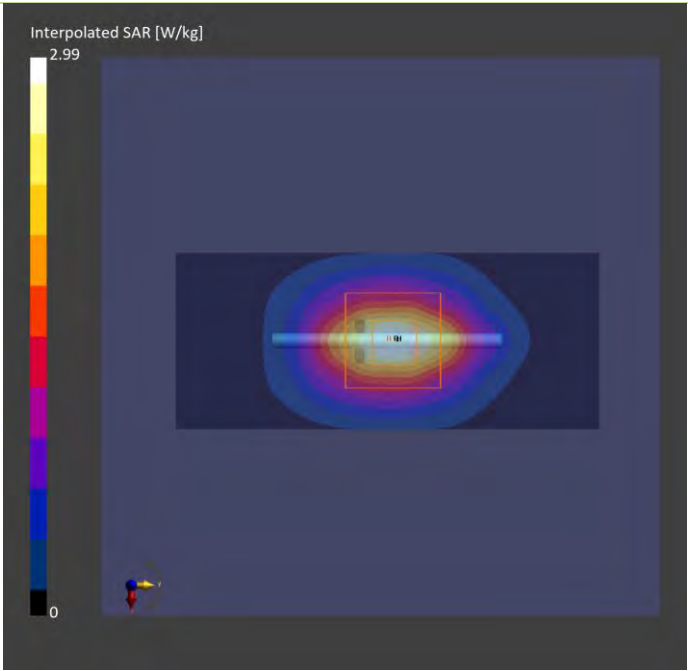
| Phantom                            | TSL, Measured Date    | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|-----------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2186 | H19T27N8 , 2025-06-25 | EX3DV4 - SN7720, 2025-03-18 | DAE4 Sn1698, 2024-11-20 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 48.0 x 96.0 | 35.0 x 35.0 x 30.0 |
| Grid Steps [mm]     | 12.0 x 12.0 | 5.0 x 5.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2025-06-25 | 2025-06-25 |
| psSAR1g [W/kg]   | 2.64       | 2.74       |
| psSAR10g [W/kg]  | 1.25       | 1.29       |
| Power Drift [dB] | 0.00       | -0.06      |



Plots of System Verification

Measurement Report  
S02 System Check\_H5250\_250627  
Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| D5GHzV2,            | 10.0 x 10.0 x 300.0 |      |          |

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|------|------------|---------------------------------|-------------------|------------------------|------------------|
| Flat,                | ,                            |      | CW, 0--    | 5250.000, 0                     | 5.27              | 4.62                   | 37.1             |

Hardware Setup

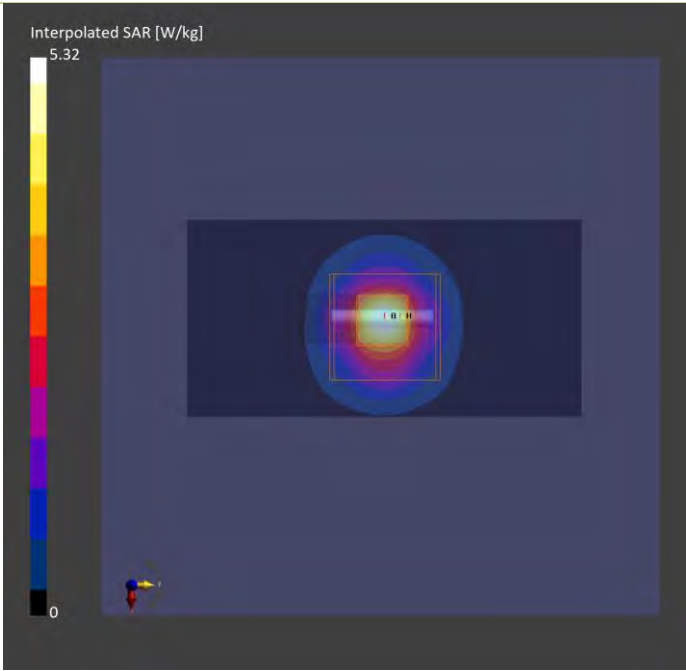
| Phantom                            | TSL, Measured Date    | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|-----------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H50T60N9 , 2025-06-27 | EX3DV4 - SN7736, 2025-02-17 | DAE4 Sn1431, 2024-07-16 |

Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 40.0 x 80.0 | 24.0 x 24.0 x 22.0 |
| Grid Steps [mm]     | 10.0 x 10.0 | 4.0 x 4.0 x 1.4    |
| Sensor Surface [mm] | 3.0         | 1.4                |

Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2025-06-27 | 2025-06-27 |
| psSAR1g [W/kg]   | 3.96       | 3.98       |
| psSAR10g [W/kg]  | 1.10       | 1.13       |
| Power Drift [dB] | 0.07       | -0.09      |



Plots of System Verification

Measurement Report  
S03 System Check\_H5600\_250627  
Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| D5GHzV2,            | 10.0 x 10.0 x 300.0 |      |          |

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|------|------------|---------------------------------|-------------------|------------------------|------------------|
| Flat,                | ,                            |      | CW, 0--    | 5600.000, 0                     | 4.83              | 5.02                   | 36.5             |

Hardware Setup

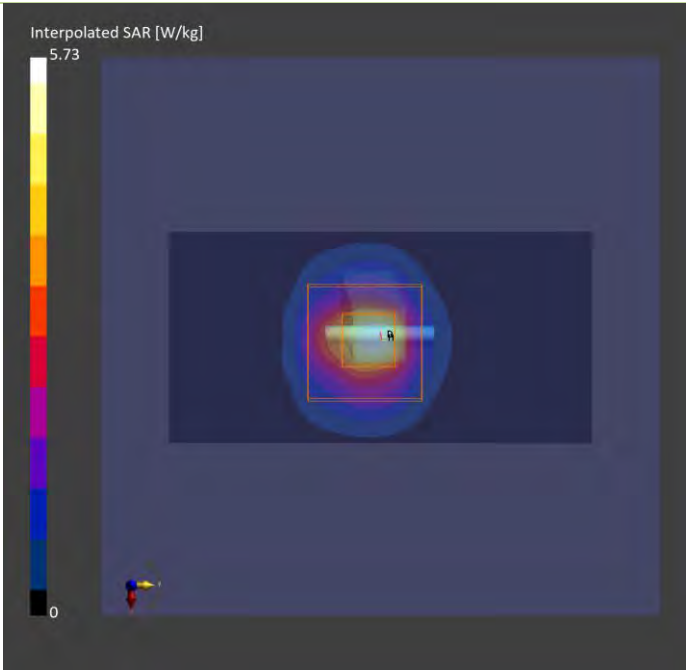
| Phantom                            | TSL, Measured Date    | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|-----------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H50T60N9 , 2025-06-27 | EX3DV4 - SN7736, 2025-02-17 | DAE4 Sn1431, 2024-07-16 |

Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 40.0 x 80.0 | 24.0 x 24.0 x 22.0 |
| Grid Steps [mm]     | 10.0 x 10.0 | 4.0 x 4.0 x 1.4    |
| Sensor Surface [mm] | 3.0         | 1.4                |

Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2025-06-27 | 2025-06-27 |
| psSAR1g [W/kg]   | 4.01       | 4.12       |
| psSAR10g [W/kg]  | 1.16       | 1.20       |
| Power Drift [dB] | 0.01       | 0.12       |



# Plots of System Verification

## Measurement Report S05 System Check\_H5800\_250627 Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| D5GHzV2,            | 10.0 x 10.0 x 300.0 |      |          |

## Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|------|------------|---------------------------------|-------------------|------------------------|------------------|
| Flat,                | ,                            |      | CW, 0--    | 5800.000, 0                     | 4.78              | 5.25                   | 36.2             |

## Hardware Setup

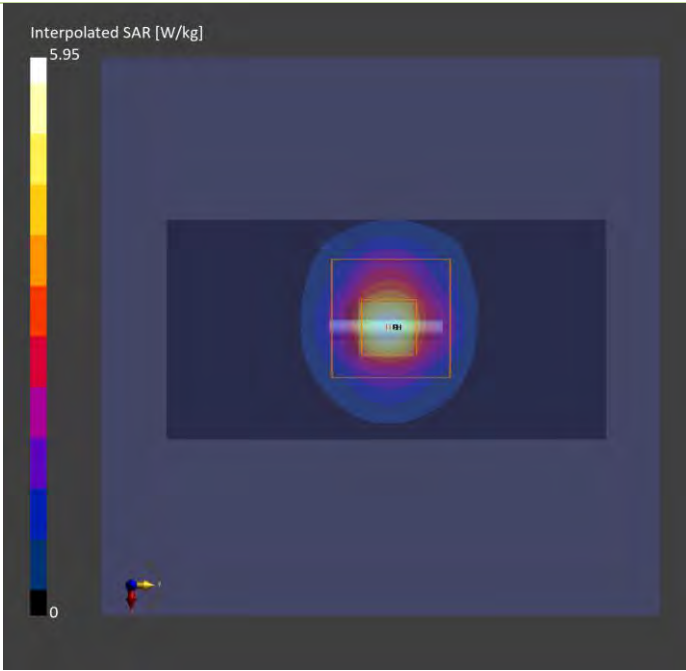
| Phantom                            | TSL, Measured Date    | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|-----------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H50T60N9 , 2025-06-27 | EX3DV4 - SN7736, 2025-02-17 | DAE4 Sn1431, 2024-07-16 |

## Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 40.0 x 80.0 | 24.0 x 24.0 x 22.0 |
| Grid Steps [mm]     | 10.0 x 10.0 | 4.0 x 4.0 x 1.4    |
| Sensor Surface [mm] | 3.0         | 1.4                |

## Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2025-06-27 | 2025-06-27 |
| psSAR1g [W/kg]   | 3.92       | 4.02       |
| psSAR10g [W/kg]  | 1.08       | 1.12       |
| Power Drift [dB] | 0.06       | -0.07      |



Plots of System Verification

Measurement Report  
S06 System Check\_H5800\_250627  
Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| D5GHzV2,            | 10.0 x 10.0 x 300.0 |      |          |

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|------|------------|---------------------------------|-------------------|------------------------|------------------|
| Flat,                | ,                            |      | CW, 0--    | 5800.000, 0                     | 4.78              | 5.25                   | 36.2             |

Hardware Setup

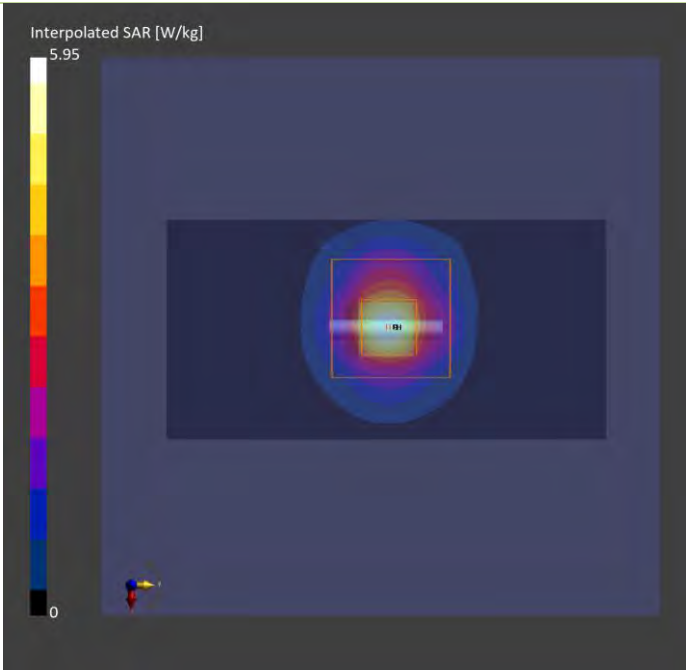
| Phantom                            | TSL, Measured Date    | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|-----------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H50T60N9 , 2025-06-27 | EX3DV4 - SN7736, 2025-02-17 | DAE4 Sn1431, 2024-07-16 |

Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 40.0 x 80.0 | 24.0 x 24.0 x 22.0 |
| Grid Steps [mm]     | 10.0 x 10.0 | 4.0 x 4.0 x 1.4    |
| Sensor Surface [mm] | 3.0         | 1.4                |

Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2025-06-27 | 2025-06-27 |
| psSAR1g [W/kg]   | 3.92       | 4.02       |
| psSAR10g [W/kg]  | 1.08       | 1.12       |
| Power Drift [dB] | 0.06       | -0.07      |



## Plots of System Verification

### Measurement Report S07 System Check\_H2450\_250625 Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| D2450V2,            | 10.0 x 10.0 x 290.0 |      |          |

### Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|------|------------|---------------------------------|-------------------|------------------------|------------------|
| Flat,                | ,                            |      | CW, 0--    | 2450.000, 0                     | 6.76              | 1.80                   | 39.0             |

### Hardware Setup

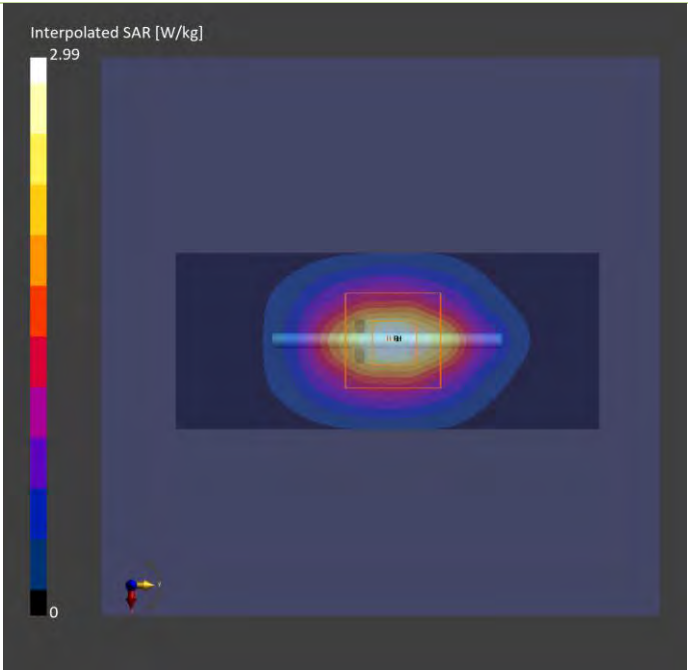
| Phantom                            | TSL, Measured Date    | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|-----------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2186 | H19T27N8 , 2025-06-25 | EX3DV4 - SN7720, 2025-03-18 | DAE4 Sn1698, 2024-11-20 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 48.0 x 96.0 | 35.0 x 35.0 x 30.0 |
| Grid Steps [mm]     | 12.0 x 12.0 | 5.0 x 5.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2025-06-25 | 2025-06-25 |
| psSAR1g [W/kg]   | 2.64       | 2.74       |
| psSAR10g [W/kg]  | 1.25       | 1.29       |
| Power Drift [dB] | 0.00       | -0.06      |



## Plots of System Verification

### Measurement Report S08 System Check\_H6500\_250627 Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| D6.5GHzV2,          | 10.0 x 10.0 x 296.0 |      |          |

### Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|------|------------|---------------------------------|-------------------|------------------------|------------------|
| Flat,                | ,                            |      | CW, 0--    | 6500.000, 0                     | 5.24              | 6.06                   | 35.1             |

### Hardware Setup

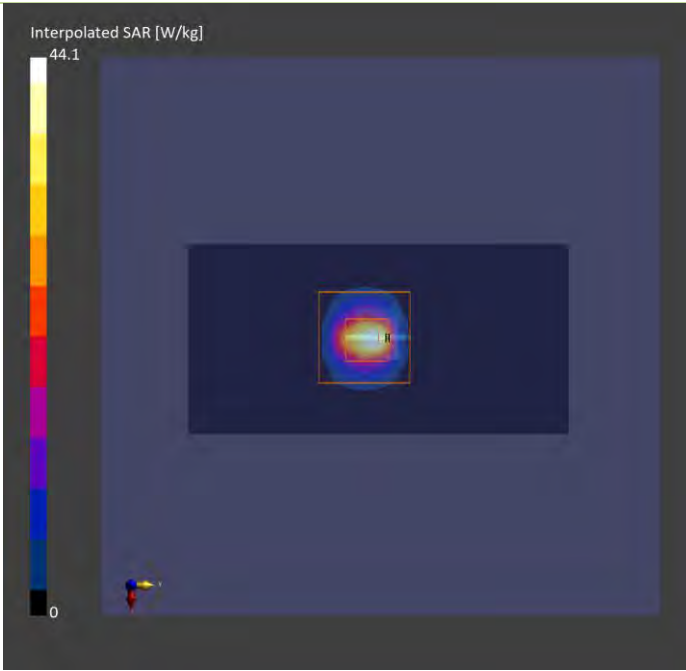
| Phantom                            | TSL, Measured Date    | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|-----------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H60T72N9 , 2025-06-27 | EX3DV4 - SN7736, 2025-02-17 | DAE4 Sn1431, 2024-07-16 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 45.0 x 90.0 | 22.0 x 22.0 x 22.0 |
| Grid Steps [mm]     | 7.5 x 7.5   | 3.4 x 3.4 x 1.4    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                           | Area Scan  | Zoom Scan  |
|---------------------------|------------|------------|
| Date                      | 2025-06-27 | 2025-06-27 |
| psSAR1g [W/kg]            | 29.1       | 30.1       |
| psSAR10g [W/kg]           | 5.39       | 5.54       |
| psAPD (1.0cm2, sq) [W/m2] |            | 295        |
| psAPD (4.0cm2, sq) [W/m2] |            | 128        |
| Power Drift [dB]          | 0.06       | 0.08       |



# Plots of System Verification

## Measurement Report S08\_PD\_System Check\_10 GHz\_250710 Device under Test Properties

| Model, Manufacturer                     | Dimensions [mm]       | IMEI     | DUT Type |
|-----------------------------------------|-----------------------|----------|----------|
| SPEAG, 5G Verification Source<br>10 GHz | 100.0 x 100.0 x 170.0 | SN: 1025 |          |

## Exposure Conditions

| Phantom Section | Position, Test Distance [mm] | Band            | Group, UID | Frequency [MHz], Channel Number | Conversion Factor |
|-----------------|------------------------------|-----------------|------------|---------------------------------|-------------------|
| 5G Air          | FRONT,<br>10.00              | Validation band | CW,<br>0-- | 10000.0,<br>10000               | 1.0               |

## Hardware Setup

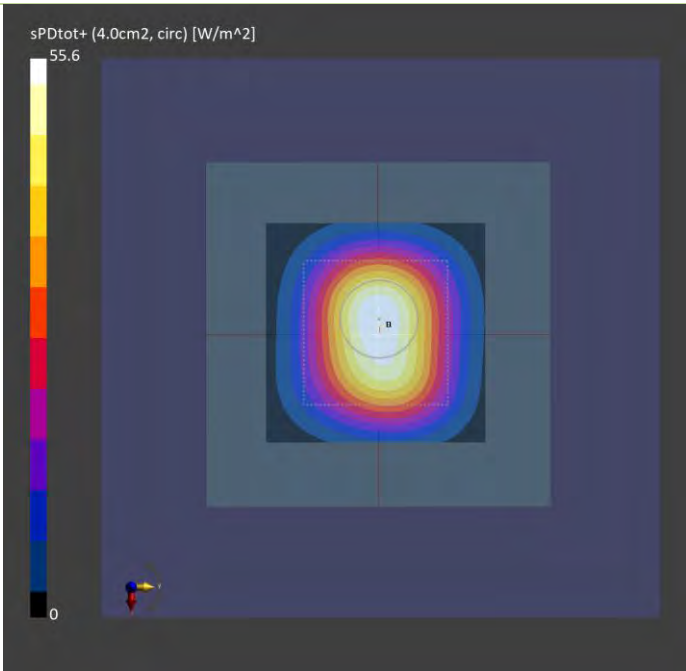
| Phantom      | Medium | Probe, Calibration Date                  | DAE, Calibration Date   |
|--------------|--------|------------------------------------------|-------------------------|
| mmWave- 1029 | ---Air | EUmmWV4 - SN9438_F1-55GHz,<br>2024-07-19 | DAE4 Sn1757, 2024-08-16 |

## Scan Setup

|                     | 5G Scan       |
|---------------------|---------------|
| Grid Extents [mm]   | 60.0 x 60.0   |
| Grid Steps [lambda] | 0.125 x 0.125 |
| Sensor Surface [mm] | 10.0          |

## Measurement Results

|                              | 5G Scan    |
|------------------------------|------------|
| Date                         | 2025-07-10 |
| Avg. Area [cm <sup>2</sup> ] | 4.00       |
| psPDn+ [W/m <sup>2</sup> ]   | 53.8       |
| psPDtot+ [W/m <sup>2</sup> ] | 55.6       |
| psPDmod+ [W/m <sup>2</sup> ] | 55.8       |
| E <sub>max</sub> [V/m]       | 151        |
| Power Drift [dB]             | 0.05       |



### Appendix B. Plots of Measurement

The SAR plots for highest measured SAR in each exposure configuration, wireless mode and frequency band combination are shown as follows.

## Plots of Measurement

### Measurement Report

P01 WLAN2.4G\_802.11b\_Bottom Side\_8mm\_Ch11\_Ant 0\_2T

Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| BARR-WTW-P25050433, | 240.0 x 45.0 x 80.0 |      |          |

### Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band        | Group, UID      | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|-------------|-----------------|---------------------------------|-------------------|------------------------|------------------|
| Flat,                | Bottom Side, 8.00            | WLAN 2.4GHz | WLAN, 10012-CAB | 2462.000, 11                    | 6.76              | 1.81                   | 39.0             |

### Hardware Setup

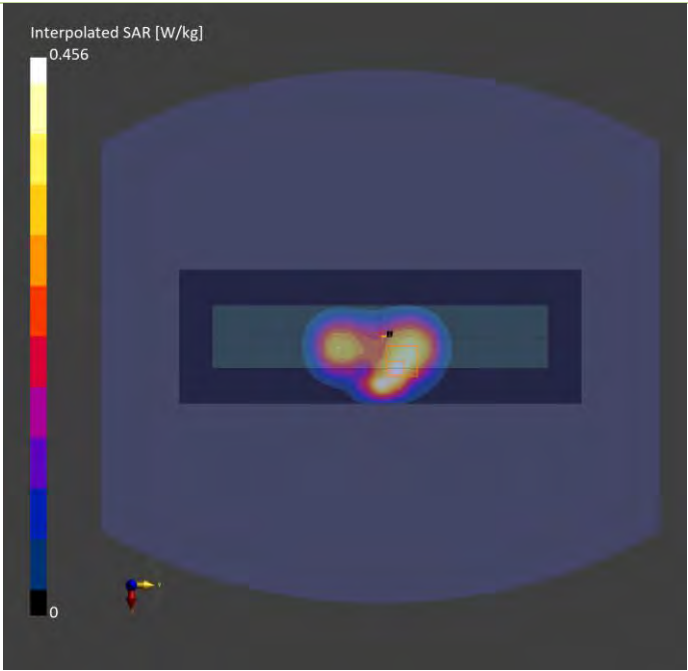
| Phantom                            | TSL, Measured Date    | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|-----------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2186 | H19T27N8 , 2025-06-25 | EX3DV4 - SN7720, 2025-03-18 | DAE4 Sn1698, 2024-11-20 |

### Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 96.0 x 288.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm]     | 12.0 x 12.0  | 5.0 x 5.0 x 5.0    |
| Sensor Surface [mm] | 3.0          | 1.4                |

### Measurement Results

|                    | Area Scan  | Zoom Scan  |
|--------------------|------------|------------|
| Date               | 2025-06-25 | 2025-06-25 |
| psSAR1g [W/kg]     | 0.355      | 0.564      |
| psSAR10g [W/kg]    | 0.194      | 0.292      |
| Power Drift [dB]   | 0.00       | 0.04       |
| M2/M1 [%]          |            | 46.2       |
| Dist 3dB Peak [mm] |            | 9.9        |



## Plots of Measurement

Measurement Report  
P02 WLAN5.3G\_802.11ac VHT160\_Front Face\_8mm\_Ch50\_Ant 1\_2T  
Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| BARR-WTW-P25050433, | 240.0 x 45.0 x 80.0 |      |          |

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band      | Group, UID      | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|-----------|-----------------|---------------------------------|-------------------|------------------------|------------------|
| Flat,                | Front Face, 8.00             | WLAN 5GHz | WLAN, 10554-AAE | 5250.000, 50                    | 5.27              | 4.62                   | 37.1             |

Hardware Setup

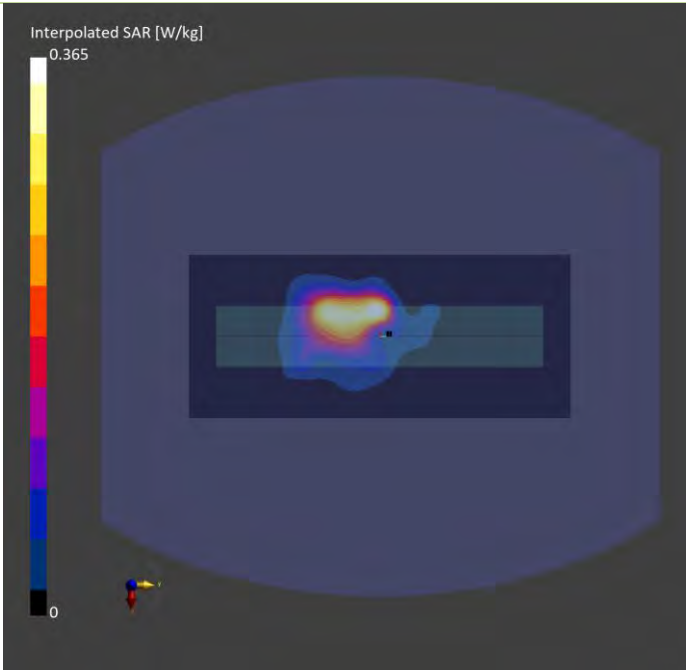
| Phantom                            | TSL, Measured Date    | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|-----------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H50T60N9 , 2025-06-27 | EX3DV4 - SN7736, 2025-02-17 | DAE4 Sn1431, 2024-07-16 |

Scan Setup

|                     | Area Scan     | Zoom Scan          |
|---------------------|---------------|--------------------|
| Grid Extents [mm]   | 120.0 x 260.0 | 24.0 x 24.0 x 22.0 |
| Grid Steps [mm]     | 10.0 x 10.0   | 4.0 x 4.0 x 1.4    |
| Sensor Surface [mm] | 3.0           | 1.4                |

Measurement Results

|                    | Area Scan  | Zoom Scan  |
|--------------------|------------|------------|
| Date               | 2025-06-27 | 2025-06-27 |
| psSAR1g [W/kg]     | 0.263      | 0.581      |
| psSAR10g [W/kg]    | 0.114      | 0.175      |
| Power Drift [dB]   | 0.11       | 0.12       |
| M2/M1 [%]          |            | 60.7       |
| Dist 3dB Peak [mm] |            | 9.1        |



## Plots of Measurement

Measurement Report  
P03 WLAN5.6G\_802.11ac VHT160\_Front Face\_8mm\_Ch114\_Ant 0\_2T  
Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| BARR-WTW-P25050433, | 240.0 x 45.0 x 80.0 |      |          |

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band      | Group, UID      | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|-----------|-----------------|---------------------------------|-------------------|------------------------|------------------|
| Flat,                | Front Face, 8.00             | WLAN 5GHz | WLAN, 10554-AAE | 5570.000, 114                   | 4.83              | 4.98                   | 36.6             |

Hardware Setup

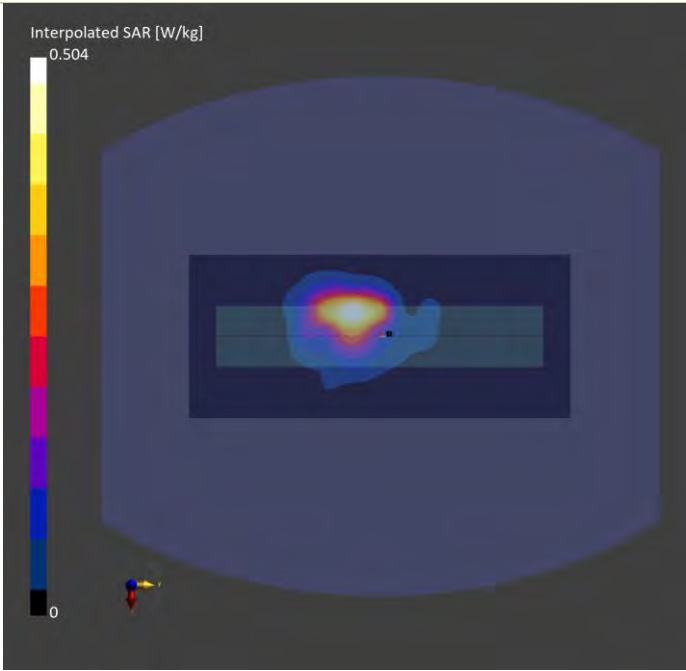
| Phantom                            | TSL, Measured Date    | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|-----------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H50T60N9 , 2025-06-27 | EX3DV4 - SN7736, 2025-02-17 | DAE4 Sn1431, 2024-07-16 |

Scan Setup

|                     | Area Scan     | Zoom Scan          |
|---------------------|---------------|--------------------|
| Grid Extents [mm]   | 120.0 x 260.0 | 24.0 x 24.0 x 22.0 |
| Grid Steps [mm]     | 10.0 x 10.0   | 4.0 x 4.0 x 1.4    |
| Sensor Surface [mm] | 3.0           | 1.4                |

Measurement Results

|                    | Area Scan  | Zoom Scan  |
|--------------------|------------|------------|
| Date               | 2025-06-27 | 2025-06-27 |
| psSAR1g [W/kg]     | 0.383      | 0.576      |
| psSAR10g [W/kg]    | 0.163      | 0.228      |
| Power Drift [dB]   | 0.03       | 0.12       |
| M2/M1 [%]          |            | 57.9       |
| Dist 3dB Peak [mm] |            | 11.2       |



## Plots of Measurement

Measurement Report  
P05 WLAN5.8G\_802.11ac VHT80\_Front Face\_8mm\_Ch155\_Ant 1\_1T  
Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| BARR-WTW-P25050433, | 240.0 x 45.0 x 80.0 |      |          |

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band      | Group, UID      | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|-----------|-----------------|---------------------------------|-------------------|------------------------|------------------|
| Flat,                | Front Face, 8.00             | WLAN 5GHz | WLAN, 10544-AAD | 5775.000, 155                   | 4.78              | 5.22                   | 36.2             |

Hardware Setup

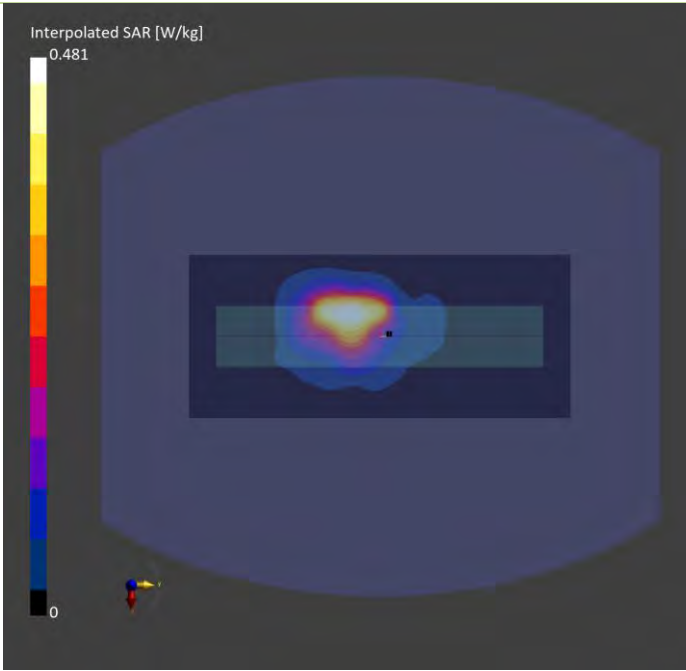
| Phantom                            | TSL, Measured Date    | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|-----------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H50T60N9 , 2025-06-27 | EX3DV4 - SN7736, 2025-02-17 | DAE4 Sn1431, 2024-07-16 |

Scan Setup

|                     | Area Scan     | Zoom Scan          |
|---------------------|---------------|--------------------|
| Grid Extents [mm]   | 120.0 x 260.0 | 24.0 x 24.0 x 22.0 |
| Grid Steps [mm]     | 10.0 x 10.0   | 4.0 x 4.0 x 1.4    |
| Sensor Surface [mm] | 3.0           | 1.4                |

Measurement Results

|                    | Area Scan  | Zoom Scan  |
|--------------------|------------|------------|
| Date               | 2025-06-27 | 2025-06-27 |
| psSAR1g [W/kg]     | 0.377      | 0.578      |
| psSAR10g [W/kg]    | 0.164      | 0.230      |
| Power Drift [dB]   | 0.02       | 0.03       |
| M2/M1 [%]          |            | 56.9       |
| Dist 3dB Peak [mm] |            | 9.2        |



## Plots of Measurement

Measurement Report  
P06 WLAN5.9G\_802.11ac VHT160\_Front Face\_8mm\_Ch163\_Ant 1\_1T  
Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| BARR-WTW-P25050433, | 240.0 x 45.0 x 80.0 |      |          |

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band      | Group, UID      | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|-----------|-----------------|---------------------------------|-------------------|------------------------|------------------|
| Flat,                | Front Face, 8.00             | WLAN 5GHz | WLAN, 10554-AAE | 5815.000, 163                   | 4.78              | 5.28                   | 36.2             |

Hardware Setup

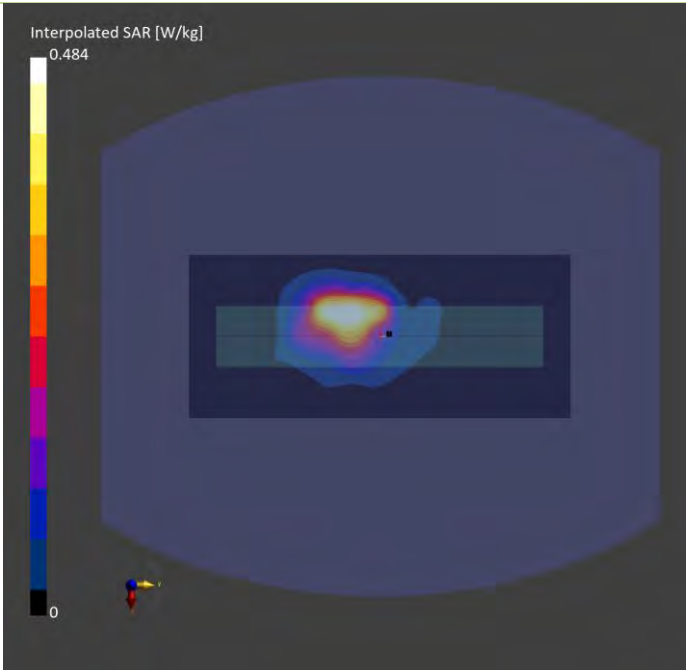
| Phantom                            | TSL, Measured Date    | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|-----------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H50T60N9 , 2025-06-27 | EX3DV4 - SN7736, 2025-02-17 | DAE4 Sn1431, 2024-07-16 |

Scan Setup

|                     | Area Scan     | Zoom Scan          |
|---------------------|---------------|--------------------|
| Grid Extents [mm]   | 120.0 x 260.0 | 24.0 x 24.0 x 22.0 |
| Grid Steps [mm]     | 10.0 x 10.0   | 4.0 x 4.0 x 1.4    |
| Sensor Surface [mm] | 3.0           | 1.4                |

Measurement Results

|                    | Area Scan  | Zoom Scan  |
|--------------------|------------|------------|
| Date               | 2025-06-27 | 2025-06-27 |
| psSAR1g [W/kg]     | 0.382      | 0.576      |
| psSAR10g [W/kg]    | 0.166      | 0.229      |
| Power Drift [dB]   | 0.08       | 0.09       |
| M2/M1 [%]          |            | 56.6       |
| Dist 3dB Peak [mm] |            | 9.0        |



## Plots of Measurement

### Measurement Report

P07\_BT\_BDR\_Bottom Side\_8mm\_Ch39\_Ant 1\_1T

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| BARR-WTW-P25050433, | 240.0 x 45.0 x 80.0 |      |          |

### Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band             | Group, UID           | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|------------------|----------------------|---------------------------------|-------------------|------------------------|------------------|
| Flat,                | Bottom Side, 8.00            | ISM 2.4 GHz Band | Bluetooth, 10032-CAA | 2441.000, 39                    | 6.76              | 1.79                   | 39.0             |

### Hardware Setup

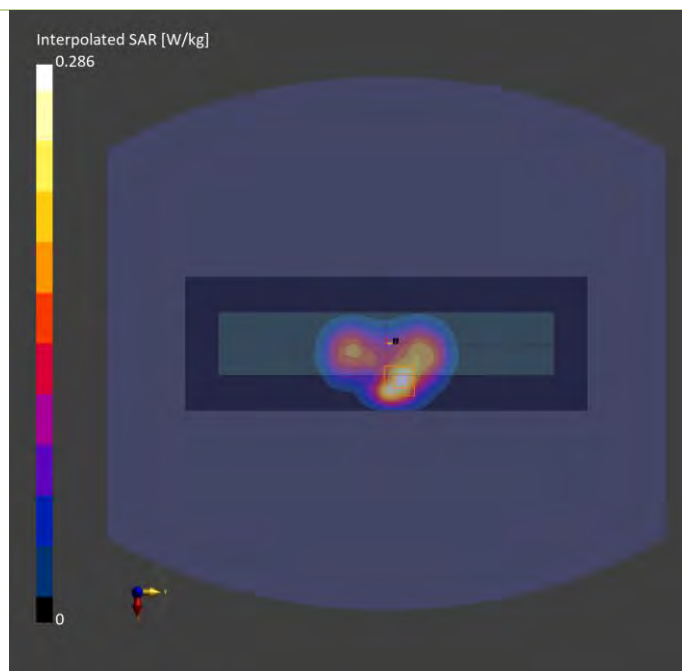
| Phantom                            | TSL, Measured Date    | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|-----------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2186 | H19T27N8 , 2025-06-25 | EX3DV4 - SN7720, 2025-03-18 | DAE4 Sn1698, 2024-11-20 |

### Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 96.0 x 288.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm]     | 12.0 x 12.0  | 5.0 x 5.0 x 5.0    |
| Sensor Surface [mm] | 3.0          | 1.4                |

### Measurement Results

|                    | Area Scan  | Zoom Scan  |
|--------------------|------------|------------|
| Date               | 2025-06-25 | 2025-06-25 |
| psSAR1g [W/kg]     | 0.183      | 0.207      |
| psSAR10g [W/kg]    | 0.094      | 0.098      |
| Power Drift [dB]   | 0.03       | 0.12       |
| M2/M1 [%]          |            | 45.2       |
| Dist 3dB Peak [mm] |            | 8.5        |



## Plots of Measurement

Measurement Report  
P08 UNII-7\_802.11ax HE160\_Bottom Side\_8mm\_Ch175\_SP\_Ant 0\_1T  
Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| BARR-WTW-P25050433, | 240.0 x 45.0 x 80.0 |      |          |

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band    | Group, UID      | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|---------|-----------------|---------------------------------|-------------------|------------------------|------------------|
| Flat,                | Bottom Side, 8.00            | U-NII-7 | WLAN, 10755-AAC | 6825.000, 175                   | 5.24              | 6.45                   | 34.6             |

Hardware Setup

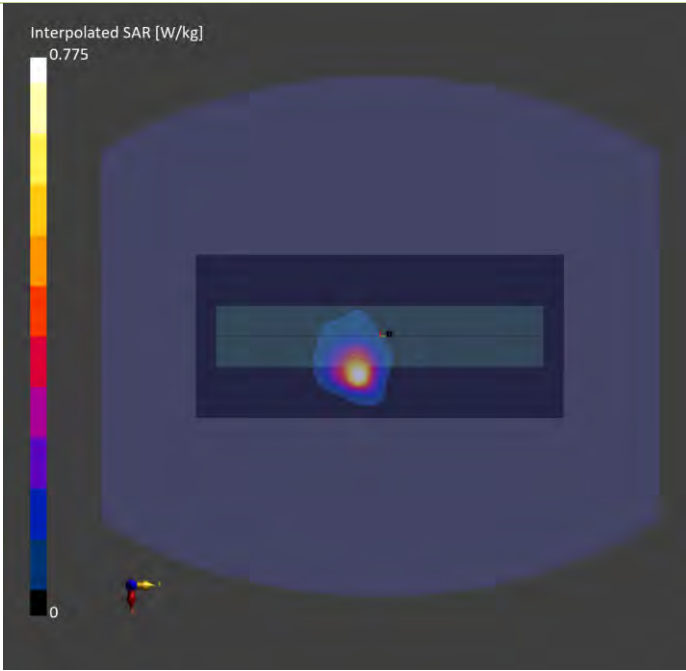
| Phantom                            | TSL, Measured Date    | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|-----------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H60T72N9 , 2025-06-27 | EX3DV4 - SN7736, 2025-02-17 | DAE4 Sn1431, 2024-07-16 |

Scan Setup

|                     | Area Scan     | Zoom Scan          |
|---------------------|---------------|--------------------|
| Grid Extents [mm]   | 120.0 x 255.0 | 22.0 x 22.0 x 22.0 |
| Grid Steps [mm]     | 7.5 x 7.5     | 3.4 x 3.4 x 1.4    |
| Sensor Surface [mm] | 3.0           | 1.4                |

Measurement Results

|                           | Area Scan  | Zoom Scan  |
|---------------------------|------------|------------|
| Date                      | 2025-06-27 | 2025-06-27 |
| psSAR1g [W/kg]            | 0.595      | 0.643      |
| psSAR10g [W/kg]           | 0.211      | 0.233      |
| psAPD (1.0cm2, sq) [W/m2] |            | 6.79       |
| psAPD (4.0cm2, sq) [W/m2] |            | 5.27       |
| Power Drift [dB]          | -0.15      | 0.09       |
| M2/M1 [%]                 |            | 48.3       |
| Dist 3dB Peak [mm]        |            | 8.9        |



Plots of Measurement

Measurement Report  
P08 UNII-7\_802.11ax HE160\_Bottom Side\_8mm\_Ch175\_SP\_Ant 0\_1T  
Device under Test Properties

| Model, Manufacturer  | Dimensions [mm]     | IMEI | DUT Type |
|----------------------|---------------------|------|----------|
| , BARR-WTW-P25050433 | 240.0 x 45.0 x 80.0 |      |          |

Exposure Conditions

| Phantom Section | Position, Test Distance [mm] | Band    | Group, UID      | Frequency [MHz], Channel Number | Conversion Factor |
|-----------------|------------------------------|---------|-----------------|---------------------------------|-------------------|
| 5G Air          | Bottom Side, 8.00            | U-NII-7 | WLAN, 10755-AAC | 6825.0, 175                     | 1.0               |

Hardware Setup

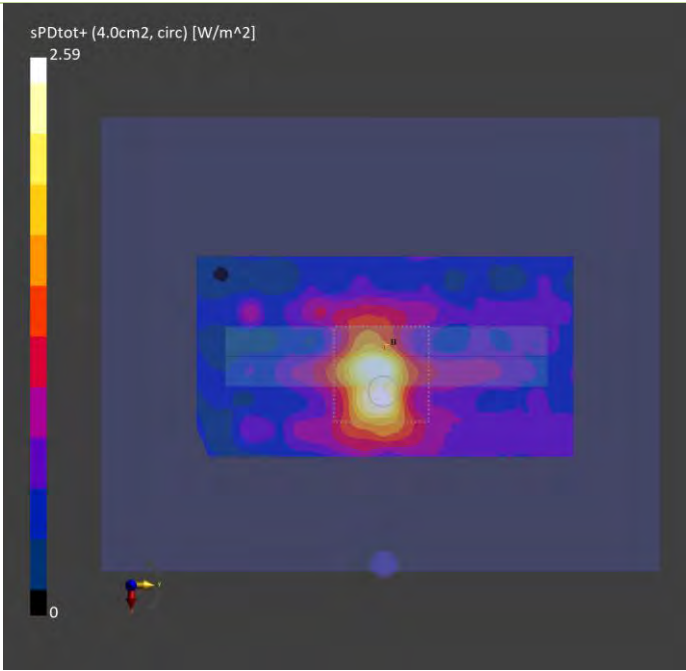
| Phantom      | Medium | Probe, Calibration Date               | DAE, Calibration Date   |
|--------------|--------|---------------------------------------|-------------------------|
| mmWave- 1029 | ---Air | EUmmWV4 - SN9438_F1-55GHz, 2024-07-19 | DAE4 Sn1757, 2024-08-16 |

Scan Setup

|                     | 5G Scan       |
|---------------------|---------------|
| Grid Extents [mm]   | 88.0 x 88.0   |
| Grid Steps [lambda] | 0.125 x 0.125 |
| Sensor Surface [mm] | 8.0           |

Measurement Results

|                              | 5G Scan    |
|------------------------------|------------|
| Date                         | 2025-07-10 |
| Avg. Area [cm <sup>2</sup> ] | 4.00       |
| psPDn+ [W/m <sup>2</sup> ]   | 2.21       |
| psPDtot+ [W/m <sup>2</sup> ] | 2.59       |
| psPDmod+ [W/m <sup>2</sup> ] | 2.47       |
| E <sub>max</sub> [V/m]       | 39.8       |
| Power Drift [dB]             | -0.11      |



## Appendix C. Tissue & System Verification

The measuring results for tissue simulating liquid and system check are shown as below.

Note:

1. For Section 4.3, the dielectric properties of the tissue simulating liquid have been measured within 24 hours before the SAR testing and within  $\pm 10\%$  of the target values. Liquid temperature during the SAR testing has kept within  $\pm 2^\circ\text{C}$ .
2. For Section 4.4, The SAR measurement system was validated according to procedures in FCC KDB 865664 D0. The validation status in tabulated summary is as below.
3. For Section 4.5, Comparing to the reference SAR value provided by SPEAG in dipole calibration certificate, the deviation of system check results is within its specification of 10 %. The result indicates the system check can meet the variation criterion and the plots please refer to Appendix A of this report.

| Tissue Verification |                 |                   |                           |                               |                                    |                                        |                                     |                                         | Validation for CW |                 |                | Validation for Modulation |             |      |               | System Check    |                        |                        |                          |               | Note       |           |         |                    |
|---------------------|-----------------|-------------------|---------------------------|-------------------------------|------------------------------------|----------------------------------------|-------------------------------------|-----------------------------------------|-------------------|-----------------|----------------|---------------------------|-------------|------|---------------|-----------------|------------------------|------------------------|--------------------------|---------------|------------|-----------|---------|--------------------|
| Plot No.            | Frequency (MHz) | Liquid Temp. (°C) | Conductivity ( $\sigma$ ) | Permittivity ( $\epsilon_r$ ) | Targeted Conductivity ( $\sigma$ ) | Targeted Permittivity ( $\epsilon_r$ ) | Deviation Conductivity ( $\sigma$ ) | Deviation Permittivity ( $\epsilon_r$ ) | Sensitivity Range | Probe Linearity | Probe Isotropy | Modulation Type           | Duty Factor | PAR  | Date          | Frequency (MHz) | Targeted 1g SAR (W/kg) | Measured 1g SAR (W/kg) | Normalized 1g SAR (W/kg) | Deviation (%) | Dipole S/N | Probe S/N | DAE S/N | Output Power (dBm) |
| S01                 | 2450            | 22.4              | 1.80                      | 39.0                          | 1.8                                | 39.2                                   | 0.00                                | -0.51                                   | Pass              | Pass            | Pass           | OFDM                      | N/A         | Pass | Jun. 25, 2025 | 2450            | 52.90                  | 2.74                   | 54.67                    | 3.35          | 737        | 7720      | 1698    | 17                 |
| S02                 | 5250            | 22.1              | 4.62                      | 37.1                          | 4.71                               | 35.9                                   | -1.91                               | 3.34                                    | Pass              | Pass            | Pass           | OFDM                      | N/A         | Pass | Jun. 27, 2025 | 5250            | 78.30                  | 3.98                   | 79.41                    | 1.42          | 1019       | 7736      | 1431    | 17                 |
| S03                 | 5600            | 22.1              | 5.02                      | 36.5                          | 5.07                               | 35.5                                   | -0.99                               | 2.82                                    | Pass              | Pass            | Pass           | OFDM                      | N/A         | Pass | Jun. 27, 2025 | 5600            | 80.80                  | 4.12                   | 82.20                    | 1.74          | 1019       | 7736      | 1431    | 17                 |
| S04                 | 5600            | 22.1              | 5.02                      | 36.5                          | 5.07                               | 35.5                                   | -0.99                               | 2.82                                    | Pass              | Pass            | Pass           | OFDM                      | N/A         | Pass | Jun. 27, 2025 | 5600            | 80.80                  | 4.12                   | 82.20                    | 1.74          | 1019       | 7736      | 1431    | 17                 |
| S05                 | 5800            | 22.1              | 5.25                      | 36.2                          | 5.27                               | 35.3                                   | -0.38                               | 2.55                                    | Pass              | Pass            | Pass           | OFDM                      | N/A         | Pass | Jun. 27, 2025 | 5800            | 78.80                  | 4.02                   | 80.21                    | 1.79          | 1019       | 7736      | 1431    | 17                 |
| S06                 | 5800            | 22.1              | 5.25                      | 36.2                          | 5.27                               | 35.3                                   | -0.38                               | 2.55                                    | Pass              | Pass            | Pass           | OFDM                      | N/A         | Pass | Jun. 27, 2025 | 5800            | 78.80                  | 4.02                   | 80.21                    | 1.79          | 1019       | 7736      | 1431    | 17                 |
| S07                 | 2450            | 22.4              | 1.80                      | 39.0                          | 1.8                                | 39.2                                   | 0.00                                | -0.51                                   | Pass              | Pass            | Pass           | GFSK                      | N/A         | Pass | Jun. 25, 2025 | 2450            | 52.90                  | 2.74                   | 54.67                    | 3.35          | 737        | 7720      | 1698    | 17                 |
| S08                 | 6500            | 22.1              | 6.06                      | 35.1                          | 6.07                               | 34.5                                   | -0.16                               | 1.74                                    | Pass              | Pass            | Pass           | OFDM                      | N/A         | Pass | Jun. 27, 2025 | 6500            | 303.00                 | 30.1                   | 301.00                   | -0.66         | 1008       | 7736      | 1431    | 20                 |

**System Performance Check for Incident Power Density Measurement**

| Plot No. | Test Date     | Frequency [GHz] | mmWave Probe S/N | Verification Source S/N | Averaging Area [cm <sup>2</sup> ] | Distance [mm] | Target Power Density [W/m <sup>2</sup> ] | Measured Power Density [W/m <sup>2</sup> ] | Deviation [%] |
|----------|---------------|-----------------|------------------|-------------------------|-----------------------------------|---------------|------------------------------------------|--------------------------------------------|---------------|
| S08      | Jul. 10, 2025 | 10              | 9438             | 1025                    | 4                                 | 10.0          | 55.9                                     | 55.6                                       | -0.54%        |

## **Appendix D. Maximum Target Conducted Power**

The maximum conducted average power (Unit: dBm) including tune-up tolerance is shown as below.

| Tune-up Power (1T1S) |         |           |                              |
|----------------------|---------|-----------|------------------------------|
| WLAN 2.4GHz          |         |           |                              |
| Mode                 | Channel | Frequency | SISO Ant 0 &1<br>Max Tune up |
| 802.11b              | 1       | 2412      | 17.0                         |
|                      | 6       | 2437      | 17.0                         |
|                      | 11      | 2462      | 17.0                         |
|                      | 12      | 2467      | 17.0                         |
|                      | 13      | 2472      | 17.0                         |
| 802.11g              | 1       | 2412      | 17.0                         |
|                      | 6       | 2437      | 17.0                         |
|                      | 11      | 2462      | 17.0                         |
|                      | 12      | 2467      | 17.0                         |
|                      | 13      | 2472      | 17.0                         |
| 802.11n HT20         | 1       | 2412      | 17.0                         |
|                      | 6       | 2437      | 17.0                         |
|                      | 11      | 2462      | 17.0                         |
|                      | 12      | 2467      | 17.0                         |
|                      | 13      | 2472      | 17.0                         |
| 802.11n HT40         | 3       | 2422      | 17.0                         |
|                      | 6       | 2437      | 17.0                         |
|                      | 9       | 2452      | 17.0                         |
|                      | 10      | 2457      | 17.0                         |
|                      | 11      | 2462      | 17.0                         |
| 802.11ax HE20        | 1       | 2412      | 17.0                         |
|                      | 6       | 2437      | 17.0                         |
|                      | 11      | 2462      | 17.0                         |
|                      | 12      | 2467      | 17.0                         |
|                      | 13      | 2472      | 17.0                         |
| 802.11ax HE40        | 3       | 2422      | 17.0                         |
|                      | 6       | 2437      | 17.0                         |
|                      | 9       | 2452      | 17.0                         |
|                      | 10      | 2457      | 17.0                         |
|                      | 11      | 2462      | 17.0                         |
| 802.11be EHT20       | 1       | 2412      | 17.0                         |
|                      | 6       | 2437      | 17.0                         |
|                      | 11      | 2462      | 17.0                         |
|                      | 12      | 2467      | 17.0                         |
|                      | 13      | 2472      | 17.0                         |
| 802.11be EHT40       | 3       | 2422      | 17.0                         |
|                      | 6       | 2437      | 17.0                         |
|                      | 9       | 2452      | 17.0                         |
|                      | 10      | 2457      | 17.0                         |
|                      | 11      | 2462      | 17.0                         |

| Tune-up Power (1T1S) |         |           |             |
|----------------------|---------|-----------|-------------|
| Bluetooth            |         |           |             |
| Mode                 | Channel | Frequency | Max Tune up |
| BR / EDR             | 0       | 2402      | 13.0        |
|                      | 39      | 2441      | 13.0        |
|                      | 78      | 2480      | 13.0        |
| LE                   | 0       | 2402      | 13.0        |
|                      | 19      | 2440      | 13.0        |
|                      | 39      | 2480      | 13.0        |

| Tune-up Power (1T1S) |         |           |                              |
|----------------------|---------|-----------|------------------------------|
| WLAN 5.2GHz          |         |           |                              |
| Mode                 | Channel | Frequency | SISO Ant 0 &1<br>Max Tune up |
| 802.11a              | 36      | 5180      | 15.5                         |
|                      | 40      | 5200      | 15.5                         |
|                      | 44      | 5220      | 15.5                         |
|                      | 48      | 5240      | 15.5                         |
| 802.11n HT20         | 36      | 5180      | 15.5                         |
|                      | 40      | 5200      | 15.5                         |
|                      | 44      | 5220      | 15.5                         |
|                      | 48      | 5240      | 15.5                         |
| 802.11n HT40         | 38      | 5190      | 15.5                         |
|                      | 46      | 5230      | 15.5                         |
| 802.11ac VHT20       | 36      | 5180      | 15.5                         |
|                      | 40      | 5200      | 15.5                         |
|                      | 44      | 5220      | 15.5                         |
|                      | 48      | 5240      | 15.5                         |
| 802.11ac VHT40       | 38      | 5190      | 15.5                         |
|                      | 46      | 5230      | 15.5                         |
| 802.11ac VHT80       | 42      | 5210      | 15.5                         |
| 802.11ax HE20        | 36      | 5180      | 15.5                         |
|                      | 40      | 5200      | 15.5                         |
|                      | 44      | 5220      | 15.5                         |
|                      | 48      | 5240      | 15.5                         |
| 802.11ax HE40        | 38      | 5190      | 15.5                         |
|                      | 46      | 5230      | 15.5                         |
| 802.11ax HE80        | 42      | 5210      | 15.5                         |
| 802.11be EHT20       | 36      | 5180      | 15.5                         |
|                      | 40      | 5200      | 15.5                         |
|                      | 44      | 5220      | 15.5                         |
|                      | 48      | 5240      | 15.5                         |
| 802.11be EHT40       | 38      | 5190      | 15.5                         |
|                      | 46      | 5230      | 15.5                         |
| 802.11be EHT80       | 42      | 5210      | 15.5                         |

| Tune-up Power (1T1S) |         |           |                              |
|----------------------|---------|-----------|------------------------------|
| WLAN 5.3GHz          |         |           |                              |
| Mode                 | Channel | Frequency | SISO Ant 0 &1<br>Max Tune up |
| 802.11a              | 52      | 5260      | 15.5                         |
|                      | 56      | 5280      | 15.5                         |
|                      | 60      | 5300      | 15.5                         |
|                      | 64      | 5320      | 15.5                         |
| 802.11n HT20         | 52      | 5260      | 15.5                         |
|                      | 56      | 5280      | 15.5                         |
|                      | 60      | 5300      | 15.5                         |
|                      | 64      | 5320      | 15.5                         |
| 802.11n HT40         | 54      | 5270      | 15.5                         |
|                      | 62      | 5310      | 15.5                         |
| 802.11ac VHT20       | 52      | 5260      | 15.5                         |
|                      | 56      | 5280      | 15.5                         |
|                      | 60      | 5300      | 15.5                         |
|                      | 64      | 5320      | 15.5                         |
| 802.11ac VHT40       | 54      | 5270      | 15.5                         |
|                      | 62      | 5310      | 15.5                         |
| 802.11ac VHT80       | 58      | 5290      | 15.5                         |
| 802.11ac VHT160      | 50      | 5250      | 15.5                         |
| 802.11ax HE20        | 52      | 5260      | 15.5                         |
|                      | 56      | 5280      | 15.5                         |
|                      | 60      | 5300      | 15.5                         |
|                      | 64      | 5320      | 15.5                         |
| 802.11ax HE40        | 54      | 5270      | 15.5                         |
|                      | 62      | 5310      | 15.5                         |
| 802.11ax HE80        | 58      | 5290      | 15.5                         |
| 802.11ax HE160       | 50      | 5250      | 15.5                         |
| 802.11be EHT20       | 52      | 5260      | 15.5                         |
|                      | 56      | 5280      | 15.5                         |
|                      | 60      | 5300      | 15.5                         |
|                      | 64      | 5320      | 15.5                         |
| 802.11be EHT40       | 54      | 5270      | 15.5                         |
|                      | 62      | 5310      | 15.5                         |
| 802.11be EHT80       | 58      | 5290      | 15.5                         |
| 802.11be EHT160      | 50      | 5250      | 15.5                         |

| Tune-up Power (1T1S) |         |           |                              |
|----------------------|---------|-----------|------------------------------|
| WLAN 5.6GHz          |         |           |                              |
| Mode                 | Channel | Frequency | SISO Ant 0 &1<br>Max Tune up |
| 802.11a              | 100     | 5500      | 15.5                         |
|                      | 116     | 5580      | 15.5                         |
|                      | 120     | 5600      | 15.5                         |
|                      | 124     | 5620      | 15.5                         |
|                      | 132     | 5660      | 15.5                         |
|                      | 140     | 5700      | 15.5                         |
|                      | 144     | 5720      | 15.5                         |
| 802.11n HT20         | 100     | 5500      | 15.5                         |
|                      | 116     | 5580      | 15.5                         |
|                      | 120     | 5600      | 15.5                         |
|                      | 124     | 5620      | 15.5                         |
|                      | 132     | 5660      | 15.5                         |
|                      | 140     | 5700      | 15.5                         |
|                      | 144     | 5720      | 15.5                         |
| 802.11n HT40         | 102     | 5510      | 15.5                         |
|                      | 110     | 5550      | 15.5                         |
|                      | 118     | 5590      | 15.5                         |
|                      | 126     | 5630      | 15.5                         |
|                      | 134     | 5670      | 15.5                         |
|                      | 142     | 5710      | 15.5                         |
|                      | 144     | 5720      | 15.5                         |
| 802.11ac VHT20       | 100     | 5500      | 15.5                         |
|                      | 116     | 5580      | 15.5                         |
|                      | 120     | 5600      | 15.5                         |
|                      | 124     | 5620      | 15.5                         |
|                      | 132     | 5660      | 15.5                         |
|                      | 140     | 5700      | 15.5                         |
|                      | 144     | 5720      | 15.5                         |
| 802.11ac VHT40       | 102     | 5510      | 15.5                         |
|                      | 110     | 5550      | 15.5                         |
|                      | 118     | 5590      | 15.5                         |
|                      | 126     | 5630      | 15.5                         |
|                      | 134     | 5670      | 15.5                         |
|                      | 142     | 5710      | 15.5                         |
|                      | 144     | 5720      | 15.5                         |
| 802.11ac VHT80       | 106     | 5530      | 15.5                         |
|                      | 122     | 5610      | 15.5                         |
|                      | 138     | 5690      | 15.5                         |
| 802.11ac VHT160      | 114     | 5570      | 15.5                         |
| 802.11ax HE20        | 100     | 5500      | 15.5                         |
|                      | 116     | 5580      | 15.5                         |
|                      | 120     | 5600      | 15.5                         |
|                      | 124     | 5620      | 15.5                         |
|                      | 132     | 5660      | 15.5                         |
|                      | 140     | 5700      | 15.5                         |
|                      | 144     | 5720      | 15.5                         |
| 802.11ax HE40        | 102     | 5510      | 15.5                         |
|                      | 110     | 5550      | 15.5                         |
|                      | 118     | 5590      | 15.5                         |
|                      | 126     | 5630      | 15.5                         |
|                      | 134     | 5670      | 15.5                         |
|                      | 142     | 5710      | 15.5                         |
|                      | 144     | 5720      | 15.5                         |
| 802.11ax HE80        | 106     | 5530      | 15.5                         |
|                      | 122     | 5610      | 15.5                         |
|                      | 138     | 5690      | 15.5                         |
| 802.11ax HE160       | 114     | 5570      | 15.5                         |
| 802.11be EHT20       | 100     | 5500      | 15.5                         |
|                      | 116     | 5580      | 15.5                         |
|                      | 120     | 5600      | 15.5                         |
|                      | 124     | 5620      | 15.5                         |
|                      | 132     | 5660      | 15.5                         |
|                      | 140     | 5700      | 15.5                         |
|                      | 144     | 5720      | 15.5                         |
| 802.11be EHT40       | 102     | 5510      | 15.5                         |
|                      | 110     | 5550      | 15.5                         |
|                      | 118     | 5590      | 15.5                         |
|                      | 126     | 5630      | 15.5                         |
|                      | 134     | 5670      | 15.5                         |
|                      | 142     | 5710      | 15.5                         |
|                      | 144     | 5720      | 15.5                         |
| 802.11be EHT80       | 106     | 5530      | 15.5                         |
|                      | 122     | 5610      | 15.5                         |
|                      | 138     | 5690      | 15.5                         |
| 802.11be EHT160      | 114     | 5570      | 15.5                         |

| Tune-up Power (1T1S) |         |           |                              |
|----------------------|---------|-----------|------------------------------|
| WLAN 5.8GHz          |         |           |                              |
| Mode                 | Channel | Frequency | SISO Ant 0 &1<br>Max Tune up |
| 802.11a              | 149     | 5745      | 15.5                         |
|                      | 153     | 5765      | 15.5                         |
|                      | 157     | 5785      | 15.5                         |
|                      | 161     | 5805      | 15.5                         |
|                      | 165     | 5825      | 15.5                         |
| 802.11n HT20         | 149     | 5745      | 15.5                         |
|                      | 153     | 5765      | 15.5                         |
|                      | 157     | 5785      | 15.5                         |
|                      | 161     | 5805      | 15.5                         |
|                      | 165     | 5825      | 15.5                         |
| 802.11n HT40         | 151     | 5755      | 15.5                         |
|                      | 159     | 5795      | 15.5                         |
| 802.11ac VHT20       | 149     | 5745      | 15.5                         |
|                      | 153     | 5765      | 15.5                         |
|                      | 157     | 5785      | 15.5                         |
|                      | 161     | 5805      | 15.5                         |
|                      | 165     | 5825      | 15.5                         |
| 802.11ac VHT40       | 151     | 5755      | 15.5                         |
|                      | 159     | 5795      | 15.5                         |
| 802.11ac VHT80       | 155     | 5775      | 15.5                         |
| 802.11ax HE20        | 149     | 5745      | 15.5                         |
|                      | 153     | 5765      | 15.5                         |
|                      | 157     | 5785      | 15.5                         |
|                      | 161     | 5805      | 15.5                         |
|                      | 165     | 5825      | 15.5                         |
| 802.11ax HE40        | 151     | 5755      | 15.5                         |
|                      | 159     | 5795      | 15.5                         |
| 802.11ax HE80        | 155     | 5775      | 15.5                         |
| 802.11be EHT20       | 149     | 5745      | 15.5                         |
|                      | 153     | 5765      | 15.5                         |
|                      | 157     | 5785      | 15.5                         |
|                      | 161     | 5805      | 15.5                         |
|                      | 165     | 5825      | 15.5                         |
| 802.11be EHT40       | 151     | 5755      | 15.5                         |
|                      | 159     | 5795      | 15.5                         |
| 802.11be EHT80       | 155     | 5775      | 15.5                         |

| Tune-up Power (1T1S) |         |           |                              |
|----------------------|---------|-----------|------------------------------|
| WLAN 5.9GHz          |         |           |                              |
| Mode                 | Channel | Frequency | SISO Ant 0 &1<br>Max Tune up |
| 802.11a              | 169     | 5845      | 15.5                         |
|                      | 173     | 5865      | 15.5                         |
|                      | 177     | 5885      | 15.5                         |
| 802.11n HT20         | 169     | 5845      | 15.5                         |
|                      | 173     | 5865      | 15.5                         |
|                      | 177     | 5885      | 15.5                         |
| 802.11n HT40         | 167     | 5835      | 15.5                         |
|                      | 175     | 5875      | 15.5                         |
| 802.11ac VHT20       | 169     | 5845      | 15.5                         |
|                      | 173     | 5865      | 15.5                         |
|                      | 177     | 5885      | 15.5                         |
| 802.11ac VHT40       | 167     | 5835      | 15.5                         |
|                      | 175     | 5875      | 15.5                         |
| 802.11ac VHT80       | 171     | 5855      | 15.5                         |
| 802.11ac VHT160      | 163     | 5815      | 15.5                         |
| 802.11ax HE20        | 169     | 5845      | 15.5                         |
|                      | 173     | 5865      | 15.5                         |
|                      | 177     | 5885      | 15.5                         |
| 802.11ax HE40        | 167     | 5835      | 15.5                         |
|                      | 175     | 5875      | 15.5                         |
| 802.11ax HE80        | 171     | 5855      | 15.5                         |
| 802.11ax HE160       | 163     | 5815      | 15.5                         |
| 802.11be EHT20       | 169     | 5845      | 15.5                         |
|                      | 173     | 5865      | 15.5                         |
|                      | 177     | 5885      | 15.5                         |
| 802.11be EHT40       | 167     | 5835      | 15.5                         |
|                      | 175     | 5875      | 15.5                         |
| 802.11be EHT80       | 171     | 5855      | 15.5                         |
| 802.11be EHT160      | 163     | 5815      | 15.5                         |

| Tune-up Power (1T1S)_SP |         |           |                              |
|-------------------------|---------|-----------|------------------------------|
| UNII-5                  |         |           |                              |
| Mode                    | Channel | Frequency | SISO Ant 0 &1<br>Max Tune up |
| 802.11a                 | 1       | 5955      | 15.0                         |
|                         | 5       | 5975      | 15.0                         |
|                         | 9       | 5995      | 15.0                         |
|                         | 13      | 6015      | 15.0                         |
|                         | 17      | 6035      | 15.0                         |
|                         | 21      | 6055      | 15.0                         |
|                         | 25      | 6075      | 15.0                         |
|                         | 29      | 6095      | 15.0                         |
|                         | 33      | 6115      | 15.0                         |
|                         | 37      | 6135      | 15.0                         |
|                         | 41      | 6155      | 15.0                         |
|                         | 45      | 6175      | 15.0                         |
|                         | 49      | 6195      | 15.0                         |
|                         | 53      | 6215      | 15.0                         |
|                         | 57      | 6235      | 15.0                         |
|                         | 61      | 6255      | 15.0                         |
|                         | 65      | 6275      | 15.0                         |
|                         | 69      | 6295      | 15.0                         |
|                         | 73      | 6315      | 15.0                         |
|                         | 77      | 6335      | 15.0                         |
| 802.11ax HE20           | 81      | 6355      | 15.0                         |
|                         | 85      | 6375      | 15.0                         |
|                         | 89      | 6395      | 15.0                         |
|                         | 93      | 6415      | 15.0                         |
|                         | 1       | 5955      | 15.0                         |
|                         | 5       | 5975      | 15.0                         |
|                         | 9       | 5995      | 15.0                         |
|                         | 13      | 6015      | 15.0                         |
|                         | 17      | 6035      | 15.0                         |
|                         | 21      | 6055      | 15.0                         |
|                         | 25      | 6075      | 15.0                         |
|                         | 29      | 6095      | 15.0                         |
|                         | 33      | 6115      | 15.0                         |
|                         | 37      | 6135      | 15.0                         |
|                         | 41      | 6155      | 15.0                         |
|                         | 45      | 6175      | 15.0                         |
|                         | 49      | 6195      | 15.0                         |
|                         | 53      | 6215      | 15.0                         |
|                         | 57      | 6235      | 15.0                         |
|                         | 61      | 6255      | 15.0                         |
| 802.11ax HE40           | 65      | 6275      | 15.0                         |
|                         | 69      | 6295      | 15.0                         |
|                         | 73      | 6315      | 15.0                         |
|                         | 77      | 6335      | 15.0                         |
|                         | 81      | 6355      | 15.0                         |
|                         | 85      | 6375      | 15.0                         |
|                         | 89      | 6395      | 15.0                         |
|                         | 93      | 6415      | 15.0                         |
|                         | 3       | 5965      | 15.0                         |
|                         | 11      | 6005      | 15.0                         |
| 802.11ax HE80           | 19      | 6045      | 15.0                         |
|                         | 27      | 6085      | 15.0                         |
|                         | 35      | 6125      | 15.0                         |
|                         | 43      | 6165      | 15.0                         |
|                         | 51      | 6205      | 15.0                         |
|                         | 59      | 6245      | 15.0                         |
|                         | 67      | 6285      | 15.0                         |
|                         | 75      | 6325      | 15.0                         |
| 802.11ax HE160          | 83      | 6365      | 15.0                         |
|                         | 91      | 6405      | 15.0                         |
|                         | 7       | 5985      | 15.0                         |
|                         | 23      | 6065      | 15.0                         |
|                         | 39      | 6145      | 15.0                         |
|                         | 55      | 6225      | 15.0                         |
|                         | 71      | 6305      | 15.0                         |
|                         | 87      | 6385      | 15.0                         |
|                         | 15      | 6025      | 15.0                         |
|                         | 47      | 6185      | 15.0                         |
|                         | 79      | 6345      | 15.0                         |

| Tune-up Power (1T1S)_SP |         |           |                              |
|-------------------------|---------|-----------|------------------------------|
| UNII-5                  |         |           |                              |
| Mode                    | Channel | Frequency | SISO Ant 0 &1<br>Max Tune up |
| 802.11be EHT20          | 1       | 5955      | 15.0                         |
|                         | 5       | 5975      | 15.0                         |
|                         | 9       | 5995      | 15.0                         |
|                         | 13      | 6015      | 15.0                         |
|                         | 17      | 6035      | 15.0                         |
|                         | 21      | 6055      | 15.0                         |
|                         | 25      | 6075      | 15.0                         |
|                         | 29      | 6095      | 15.0                         |
|                         | 33      | 6115      | 15.0                         |
|                         | 37      | 6135      | 15.0                         |
|                         | 41      | 6155      | 15.0                         |
|                         | 45      | 6175      | 15.0                         |
|                         | 49      | 6195      | 15.0                         |
|                         | 53      | 6215      | 15.0                         |
|                         | 57      | 6235      | 15.0                         |
|                         | 61      | 6255      | 15.0                         |
|                         | 65      | 6275      | 15.0                         |
|                         | 69      | 6295      | 15.0                         |
|                         | 73      | 6315      | 15.0                         |
|                         | 77      | 6335      | 15.0                         |
| 802.11be EHT40          | 81      | 6355      | 15.0                         |
|                         | 85      | 6375      | 15.0                         |
|                         | 89      | 6395      | 15.0                         |
|                         | 93      | 6415      | 15.0                         |
|                         | 3       | 5965      | 15.0                         |
|                         | 11      | 6005      | 15.0                         |
|                         | 19      | 6045      | 15.0                         |
|                         | 27      | 6085      | 15.0                         |
|                         | 35      | 6125      | 15.0                         |
|                         | 43      | 6165      | 15.0                         |
| 802.11be EHT80          | 51      | 6205      | 15.0                         |
|                         | 59      | 6245      | 15.0                         |
|                         | 67      | 6285      | 15.0                         |
|                         | 75      | 6325      | 15.0                         |
|                         | 83      | 6365      | 15.0                         |
|                         | 91      | 6405      | 15.0                         |
| 802.11be EHT160         | 7       | 5985      | 15.0                         |
|                         | 23      | 6065      | 15.0                         |
|                         | 39      | 6145      | 15.0                         |
|                         | 55      | 6225      | 15.0                         |
|                         | 71      | 6305      | 15.0                         |
|                         | 87      | 6385      | 15.0                         |
|                         | 15      | 6025      | 15.0                         |
|                         | 47      | 6185      | 15.0                         |
|                         | 79      | 6345      | 15.0                         |

| Tune-up Power (1T1S)_SP |         |           |                              |
|-------------------------|---------|-----------|------------------------------|
| UNII-7                  |         |           |                              |
| Mode                    | Channel | Frequency | SISO Ant 0 &1<br>Max Tune up |
| 802.11a                 | 117     | 6535      | 15.0                         |
|                         | 121     | 6555      | 15.0                         |
|                         | 125     | 6575      | 15.0                         |
|                         | 129     | 6595      | 15.0                         |
|                         | 133     | 6615      | 15.0                         |
|                         | 137     | 6635      | 15.0                         |
|                         | 141     | 6655      | 15.0                         |
|                         | 145     | 6675      | 15.0                         |
|                         | 149     | 6695      | 15.0                         |
|                         | 153     | 6715      | 15.0                         |
|                         | 157     | 6735      | 15.0                         |
|                         | 161     | 6755      | 15.0                         |
|                         | 165     | 6775      | 15.0                         |
|                         | 169     | 6795      | 15.0                         |
|                         | 173     | 6815      | 15.0                         |
|                         | 177     | 6835      | 15.0                         |
|                         | 181     | 6855      | 15.0                         |
| 802.11ax HE20           | 117     | 6535      | 15.0                         |
|                         | 121     | 6555      | 15.0                         |
|                         | 125     | 6575      | 15.0                         |
|                         | 129     | 6595      | 15.0                         |
|                         | 133     | 6615      | 15.0                         |
|                         | 137     | 6635      | 15.0                         |
|                         | 141     | 6655      | 15.0                         |
|                         | 145     | 6675      | 15.0                         |
|                         | 149     | 6695      | 15.0                         |
|                         | 153     | 6715      | 15.0                         |
|                         | 157     | 6735      | 15.0                         |
|                         | 161     | 6755      | 15.0                         |
|                         | 165     | 6775      | 15.0                         |
|                         | 169     | 6795      | 15.0                         |
|                         | 173     | 6815      | 15.0                         |
|                         | 177     | 6835      | 15.0                         |
|                         | 181     | 6855      | 15.0                         |
| 802.11ax HE40           | 123     | 6565      | 15.0                         |
|                         | 131     | 6605      | 15.0                         |
|                         | 139     | 6645      | 15.0                         |
|                         | 147     | 6685      | 15.0                         |
|                         | 155     | 6725      | 15.0                         |
|                         | 163     | 6765      | 15.0                         |
|                         | 171     | 6805      | 15.0                         |
|                         | 179     | 6845      | 15.0                         |
|                         | 187     | 6885      | 15.0                         |
| 802.11ax HE80           | 135     | 6625      | 15.0                         |
|                         | 151     | 6705      | 15.0                         |
|                         | 167     | 6785      | 15.0                         |
| 802.11ax HE160          | 183     | 6865      | 15.0                         |
|                         | 143     | 6665      | 15.0                         |
|                         | 175     | 6825      | 15.0                         |

| Tune-up Power (1T1S)_SP |         |           |                              |
|-------------------------|---------|-----------|------------------------------|
| UNII-7                  |         |           |                              |
| Mode                    | Channel | Frequency | SISO Ant 0 &1<br>Max Tune up |
| 802.11be EHT20          | 117     | 6535      | 15.0                         |
|                         | 121     | 6555      | 15.0                         |
|                         | 125     | 6575      | 15.0                         |
|                         | 129     | 6595      | 15.0                         |
|                         | 133     | 6615      | 15.0                         |
|                         | 137     | 6635      | 15.0                         |
|                         | 141     | 6655      | 15.0                         |
|                         | 145     | 6675      | 15.0                         |
|                         | 149     | 6695      | 15.0                         |
|                         | 153     | 6715      | 15.0                         |
|                         | 157     | 6735      | 15.0                         |
|                         | 161     | 6755      | 15.0                         |
|                         | 165     | 6775      | 15.0                         |
|                         | 169     | 6795      | 15.0                         |
|                         | 173     | 6815      | 15.0                         |
|                         | 177     | 6835      | 15.0                         |
|                         | 181     | 6855      | 15.0                         |
| 802.11be EHT40          | 123     | 6565      | 15.0                         |
|                         | 131     | 6605      | 15.0                         |
|                         | 139     | 6645      | 15.0                         |
|                         | 147     | 6685      | 15.0                         |
|                         | 155     | 6725      | 15.0                         |
|                         | 163     | 6765      | 15.0                         |
|                         | 171     | 6805      | 15.0                         |
|                         | 179     | 6845      | 15.0                         |
|                         | 187     | 6885      | 15.0                         |
| 802.11be EHT80          | 135     | 6625      | 15.0                         |
|                         | 151     | 6705      | 15.0                         |
|                         | 167     | 6785      | 15.0                         |
|                         | 183     | 6865      | 15.0                         |
| 802.11be EHT160         | 143     | 6665      | 15.0                         |
|                         | 175     | 6825      | 15.0                         |

| Tune-up Power (1T1S)_LPI |         |           |                              |
|--------------------------|---------|-----------|------------------------------|
| UNII-5                   |         |           |                              |
| Mode                     | Channel | Frequency | SISO Ant 0 &1<br>Max Tune up |
| 802.11a                  | 1       | 5955      | 7.5                          |
|                          | 5       | 5975      | 7.5                          |
|                          | 9       | 5995      | 7.5                          |
|                          | 13      | 6015      | 7.5                          |
|                          | 17      | 6035      | 7.5                          |
|                          | 21      | 6055      | 7.5                          |
|                          | 25      | 6075      | 7.5                          |
|                          | 29      | 6095      | 7.5                          |
|                          | 33      | 6115      | 7.5                          |
|                          | 37      | 6135      | 7.5                          |
|                          | 41      | 6155      | 7.5                          |
|                          | 45      | 6175      | 7.5                          |
|                          | 49      | 6195      | 7.5                          |
|                          | 53      | 6215      | 7.5                          |
|                          | 57      | 6235      | 7.5                          |
|                          | 61      | 6255      | 7.5                          |
|                          | 65      | 6275      | 7.5                          |
|                          | 69      | 6295      | 7.5                          |
|                          | 73      | 6315      | 7.5                          |
|                          | 77      | 6335      | 7.5                          |
|                          | 81      | 6355      | 7.5                          |
|                          | 85      | 6375      | 7.5                          |
|                          | 89      | 6395      | 7.5                          |
|                          | 93      | 6415      | 7.5                          |
| 802.11ax HE20            | 1       | 5955      | 7.5                          |
|                          | 5       | 5975      | 7.5                          |
|                          | 9       | 5995      | 7.5                          |
|                          | 13      | 6015      | 7.5                          |
|                          | 17      | 6035      | 7.5                          |
|                          | 21      | 6055      | 7.5                          |
|                          | 25      | 6075      | 7.5                          |
|                          | 29      | 6095      | 7.5                          |
|                          | 33      | 6115      | 7.5                          |
|                          | 37      | 6135      | 7.5                          |
|                          | 41      | 6155      | 7.5                          |
|                          | 45      | 6175      | 7.5                          |
|                          | 49      | 6195      | 7.5                          |
|                          | 53      | 6215      | 7.5                          |
|                          | 57      | 6235      | 7.5                          |
|                          | 61      | 6255      | 7.5                          |
|                          | 65      | 6275      | 7.5                          |
|                          | 69      | 6295      | 7.5                          |
|                          | 73      | 6315      | 7.5                          |
|                          | 77      | 6335      | 7.5                          |
|                          | 81      | 6355      | 7.5                          |
|                          | 85      | 6375      | 7.5                          |
|                          | 89      | 6395      | 7.5                          |
|                          | 93      | 6415      | 7.5                          |
| 802.11ax HE40            | 3       | 5965      | 10.0                         |
|                          | 11      | 6005      | 10.0                         |
|                          | 19      | 6045      | 10.0                         |
|                          | 27      | 6085      | 10.0                         |
|                          | 35      | 6125      | 10.0                         |
|                          | 43      | 6165      | 10.0                         |
|                          | 51      | 6205      | 10.0                         |
|                          | 59      | 6245      | 10.0                         |
|                          | 67      | 6285      | 10.0                         |
|                          | 75      | 6325      | 10.0                         |
|                          | 83      | 6365      | 10.0                         |
|                          | 91      | 6405      | 10.0                         |
| 802.11ax HE80            | 7       | 5985      | 13.0                         |
|                          | 23      | 6065      | 13.0                         |
|                          | 39      | 6145      | 13.0                         |
|                          | 55      | 6225      | 13.0                         |
|                          | 71      | 6305      | 13.0                         |
| 802.11ax HE160           | 87      | 6385      | 13.0                         |
|                          | 15      | 6025      | 15.0                         |
|                          | 47      | 6185      | 15.0                         |
|                          | 79      | 6345      | 15.0                         |

| Tune-up Power (1T1S)_LPI |         |           |                              |
|--------------------------|---------|-----------|------------------------------|
| UNII-5                   |         |           |                              |
| Mode                     | Channel | Frequency | SISO Ant 0 &1<br>Max Tune up |
| 802.11be EHT20           | 1       | 5955      | 7.5                          |
|                          | 5       | 5975      | 7.5                          |
|                          | 9       | 5995      | 7.5                          |
|                          | 13      | 6015      | 7.5                          |
|                          | 17      | 6035      | 7.5                          |
|                          | 21      | 6055      | 7.5                          |
|                          | 25      | 6075      | 7.5                          |
|                          | 29      | 6095      | 7.5                          |
|                          | 33      | 6115      | 7.5                          |
|                          | 37      | 6135      | 7.5                          |
|                          | 41      | 6155      | 7.5                          |
|                          | 45      | 6175      | 7.5                          |
|                          | 49      | 6195      | 7.5                          |
|                          | 53      | 6215      | 7.5                          |
|                          | 57      | 6235      | 7.5                          |
|                          | 61      | 6255      | 7.5                          |
|                          | 65      | 6275      | 7.5                          |
|                          | 69      | 6295      | 7.5                          |
|                          | 73      | 6315      | 7.5                          |
|                          | 77      | 6335      | 7.5                          |
|                          | 81      | 6355      | 7.5                          |
| 802.11be EHT40           | 85      | 6375      | 7.5                          |
|                          | 89      | 6395      | 7.5                          |
|                          | 93      | 6415      | 7.5                          |
|                          | 3       | 5965      | 10.0                         |
|                          | 11      | 6005      | 10.0                         |
|                          | 19      | 6045      | 10.0                         |
|                          | 27      | 6085      | 10.0                         |
|                          | 35      | 6125      | 10.0                         |
|                          | 43      | 6165      | 10.0                         |
|                          | 51      | 6205      | 10.0                         |
| 802.11be EHT80           | 59      | 6245      | 10.0                         |
|                          | 67      | 6285      | 10.0                         |
|                          | 75      | 6325      | 10.0                         |
|                          | 83      | 6365      | 10.0                         |
|                          | 91      | 6405      | 10.0                         |
|                          | 7       | 5985      | 13.0                         |
| 802.11be EHT160          | 23      | 6065      | 13.0                         |
|                          | 39      | 6145      | 13.0                         |
|                          | 55      | 6225      | 13.0                         |
|                          | 71      | 6305      | 13.0                         |
|                          | 87      | 6385      | 13.0                         |
| 802.11be EHT160          | 15      | 6025      | 15.0                         |
|                          | 47      | 6185      | 15.0                         |
|                          | 79      | 6345      | 15.0                         |

| Tune-up Power (1T1S)_LPI |         |           |                              |
|--------------------------|---------|-----------|------------------------------|
| UNII-6                   |         |           |                              |
| Mode                     | Channel | Frequency | SISO Ant 0 &1<br>Max Tune up |
| 802.11a                  | 97      | 6435      | 7.5                          |
|                          | 101     | 6455      | 7.5                          |
|                          | 105     | 6475      | 7.5                          |
|                          | 109     | 6495      | 7.5                          |
|                          | 113     | 6515      | 7.5                          |
| 802.11ax HE20            | 97      | 6435      | 7.5                          |
|                          | 101     | 6455      | 7.5                          |
|                          | 105     | 6475      | 7.5                          |
|                          | 109     | 6495      | 7.5                          |
|                          | 113     | 6515      | 7.5                          |
| 802.11ax HE40            | 99      | 6445      | 10.0                         |
|                          | 107     | 6485      | 10.0                         |
|                          | 115     | 6525      | 10.0                         |
| 802.11ax HE80            | 103     | 6465      | 13.0                         |
|                          | 119     | 6545      | 13.0                         |
| 802.11ax HE160           | 111     | 6505      | 15.0                         |
| 802.11be EHT20           | 97      | 6435      | 7.5                          |
|                          | 101     | 6455      | 7.5                          |
|                          | 105     | 6475      | 7.5                          |
|                          | 109     | 6495      | 7.5                          |
|                          | 113     | 6515      | 7.5                          |
| 802.11be EHT40           | 99      | 6445      | 10.0                         |
|                          | 107     | 6485      | 10.0                         |
|                          | 115     | 6525      | 10.0                         |
| 802.11be EHT80           | 103     | 6465      | 13.0                         |
|                          | 119     | 6545      | 13.0                         |
| 802.11be EHT160          | 111     | 6505      | 15.0                         |

| Tune-up Power (1T1S)_LPI |         |           |                              |
|--------------------------|---------|-----------|------------------------------|
| UNII-7                   |         |           |                              |
| Mode                     | Channel | Frequency | SISO Ant 0 &1<br>Max Tune up |
| 802.11a                  | 117     | 6535      | 7.5                          |
|                          | 121     | 6555      | 7.5                          |
|                          | 125     | 6575      | 7.5                          |
|                          | 129     | 6595      | 7.5                          |
|                          | 133     | 6615      | 7.5                          |
|                          | 137     | 6635      | 7.5                          |
|                          | 141     | 6655      | 7.5                          |
|                          | 145     | 6675      | 7.5                          |
|                          | 149     | 6695      | 7.5                          |
|                          | 153     | 6715      | 7.5                          |
|                          | 157     | 6735      | 7.5                          |
|                          | 161     | 6755      | 7.5                          |
|                          | 165     | 6775      | 7.5                          |
|                          | 169     | 6795      | 7.5                          |
|                          | 173     | 6815      | 7.5                          |
|                          | 177     | 6835      | 7.5                          |
|                          | 181     | 6855      | 7.5                          |
| 802.11ax HE20            | 117     | 6535      | 7.5                          |
|                          | 121     | 6555      | 7.5                          |
|                          | 125     | 6575      | 7.5                          |
|                          | 129     | 6595      | 7.5                          |
|                          | 133     | 6615      | 7.5                          |
|                          | 137     | 6635      | 7.5                          |
|                          | 141     | 6655      | 7.5                          |
|                          | 145     | 6675      | 7.5                          |
|                          | 149     | 6695      | 7.5                          |
|                          | 153     | 6715      | 7.5                          |
|                          | 157     | 6735      | 7.5                          |
|                          | 161     | 6755      | 7.5                          |
|                          | 165     | 6775      | 7.5                          |
|                          | 169     | 6795      | 7.5                          |
|                          | 173     | 6815      | 7.5                          |
|                          | 177     | 6835      | 7.5                          |
|                          | 181     | 6855      | 7.5                          |
| 802.11ax HE40            | 123     | 6565      | 10.0                         |
|                          | 131     | 6605      | 10.0                         |
|                          | 139     | 6645      | 10.0                         |
|                          | 147     | 6685      | 10.0                         |
|                          | 155     | 6725      | 10.0                         |
|                          | 163     | 6765      | 10.0                         |
|                          | 171     | 6805      | 10.0                         |
|                          | 179     | 6845      | 10.0                         |
|                          | 187     | 6885      | 10.0                         |
| 802.11ax HE80            | 135     | 6625      | 13.0                         |
|                          | 151     | 6705      | 13.0                         |
|                          | 167     | 6785      | 13.0                         |
| 802.11ax HE160           | 183     | 6865      | 13.0                         |
|                          | 143     | 6665      | 15.0                         |
|                          | 175     | 6825      | 15.0                         |

| Tune-up Power (1T1S)_LPI |         |           |                              |
|--------------------------|---------|-----------|------------------------------|
| UNII-7                   |         |           |                              |
| Mode                     | Channel | Frequency | SISO Ant 0 &1<br>Max Tune up |
| 802.11be EHT20           | 117     | 6535      | 7.5                          |
|                          | 121     | 6555      | 7.5                          |
|                          | 125     | 6575      | 7.5                          |
|                          | 129     | 6595      | 7.5                          |
|                          | 133     | 6615      | 7.5                          |
|                          | 137     | 6635      | 7.5                          |
|                          | 141     | 6655      | 7.5                          |
|                          | 145     | 6675      | 7.5                          |
|                          | 149     | 6695      | 7.5                          |
|                          | 153     | 6715      | 7.5                          |
|                          | 157     | 6735      | 7.5                          |
|                          | 161     | 6755      | 7.5                          |
|                          | 165     | 6775      | 7.5                          |
|                          | 169     | 6795      | 7.5                          |
|                          | 173     | 6815      | 7.5                          |
|                          | 177     | 6835      | 7.5                          |
|                          | 181     | 6855      | 7.5                          |
| 802.11be EHT40           | 123     | 6565      | 10.0                         |
|                          | 131     | 6605      | 10.0                         |
|                          | 139     | 6645      | 10.0                         |
|                          | 147     | 6685      | 10.0                         |
|                          | 155     | 6725      | 10.0                         |
|                          | 163     | 6765      | 10.0                         |
|                          | 171     | 6805      | 10.0                         |
|                          | 179     | 6845      | 10.0                         |
|                          | 187     | 6885      | 10.0                         |
| 802.11be EHT80           | 135     | 6625      | 13.0                         |
|                          | 151     | 6705      | 13.0                         |
|                          | 167     | 6785      | 13.0                         |
|                          | 183     | 6865      | 13.0                         |
| 802.11be EHT160          | 143     | 6665      | 15.0                         |
|                          | 175     | 6825      | 15.0                         |

| Tune-up Power (1T1S)_LPI |         |           |                              |
|--------------------------|---------|-----------|------------------------------|
| UNII-8                   |         |           |                              |
| Mode                     | Channel | Frequency | SISO Ant 0 &1<br>Max Tune up |
| 802.11a                  | 185     | 6875      | 7.5                          |
|                          | 189     | 6895      | 7.5                          |
|                          | 193     | 6915      | 7.5                          |
|                          | 197     | 6935      | 7.5                          |
|                          | 201     | 6955      | 7.5                          |
|                          | 205     | 6975      | 7.5                          |
|                          | 209     | 6995      | 7.5                          |
|                          | 213     | 7015      | 7.5                          |
|                          | 217     | 7035      | 7.5                          |
|                          | 221     | 7055      | 7.5                          |
|                          | 225     | 7075      | 7.5                          |
|                          | 229     | 7095      | 7.5                          |
|                          | 233     | 7115      | 7.5                          |
| 802.11ax HE20            | 185     | 6875      | 7.5                          |
|                          | 189     | 6895      | 7.5                          |
|                          | 193     | 6915      | 7.5                          |
|                          | 197     | 6935      | 7.5                          |
|                          | 201     | 6955      | 7.5                          |
|                          | 205     | 6975      | 7.5                          |
|                          | 209     | 6995      | 7.5                          |
|                          | 213     | 7015      | 7.5                          |
|                          | 217     | 7035      | 7.5                          |
|                          | 221     | 7055      | 7.5                          |
|                          | 225     | 7075      | 7.5                          |
|                          | 229     | 7095      | 7.5                          |
|                          | 233     | 7115      | 7.5                          |
| 802.11ax HE40            | 195     | 6925      | 10.5                         |
|                          | 203     | 6965      | 10.5                         |
|                          | 211     | 7005      | 10.5                         |
|                          | 219     | 7045      | 10.5                         |
|                          | 227     | 7085      | 10.5                         |
| 802.11ax HE80            | 199     | 6945      | 13.0                         |
|                          | 215     | 7025      | 13.0                         |
| 802.11ax HE160           | 207     | 6985      | 15.0                         |
| 802.11be EHT20           | 185     | 6875      | 7.5                          |
|                          | 189     | 6895      | 7.5                          |
|                          | 193     | 6915      | 7.5                          |
|                          | 197     | 6935      | 7.5                          |
|                          | 201     | 6955      | 7.5                          |
|                          | 205     | 6975      | 7.5                          |
|                          | 209     | 6995      | 7.5                          |
|                          | 213     | 7015      | 7.5                          |
|                          | 217     | 7035      | 7.5                          |
|                          | 221     | 7055      | 7.5                          |
|                          | 225     | 7075      | 7.5                          |
|                          | 229     | 7095      | 7.5                          |
|                          | 233     | 7115      | 7.5                          |
| 802.11be EHT40           | 195     | 6925      | 10.5                         |
|                          | 203     | 6965      | 10.5                         |
|                          | 211     | 7005      | 10.5                         |
|                          | 219     | 7045      | 10.5                         |
|                          | 227     | 7085      | 10.5                         |
| 802.11be EHT80           | 199     | 6945      | 13.0                         |
|                          | 215     | 7025      | 13.0                         |
| 802.11be EHT160          | 207     | 6985      | 15.0                         |

| Tune-up Power (1T1S)_VLP |         |           |                              |
|--------------------------|---------|-----------|------------------------------|
| UNII-5                   |         |           |                              |
| Mode                     | Channel | Frequency | SISO Ant 0 &1<br>Max Tune up |
| 802.11a                  | 1       | 5955      | 3.0                          |
|                          | 5       | 5975      | 3.0                          |
|                          | 9       | 5995      | 3.0                          |
|                          | 13      | 6015      | 3.0                          |
|                          | 17      | 6035      | 3.0                          |
|                          | 21      | 6055      | 3.0                          |
|                          | 25      | 6075      | 3.0                          |
|                          | 29      | 6095      | 3.0                          |
|                          | 33      | 6115      | 3.0                          |
|                          | 37      | 6135      | 3.0                          |
|                          | 41      | 6155      | 3.0                          |
|                          | 45      | 6175      | 3.0                          |
|                          | 49      | 6195      | 3.0                          |
|                          | 53      | 6215      | 3.0                          |
|                          | 57      | 6235      | 3.0                          |
|                          | 61      | 6255      | 3.0                          |
|                          | 65      | 6275      | 3.0                          |
|                          | 69      | 6295      | 3.0                          |
|                          | 73      | 6315      | 3.0                          |
|                          | 77      | 6335      | 3.0                          |
|                          | 81      | 6355      | 3.0                          |
|                          | 85      | 6375      | 3.0                          |
|                          | 89      | 6395      | 3.0                          |
|                          | 93      | 6415      | 3.0                          |
| 802.11ax HE20            | 1       | 5955      | 3.0                          |
|                          | 5       | 5975      | 3.0                          |
|                          | 9       | 5995      | 3.0                          |
|                          | 13      | 6015      | 3.0                          |
|                          | 17      | 6035      | 3.0                          |
|                          | 21      | 6055      | 3.0                          |
|                          | 25      | 6075      | 3.0                          |
|                          | 29      | 6095      | 3.0                          |
|                          | 33      | 6115      | 3.0                          |
|                          | 37      | 6135      | 3.0                          |
|                          | 41      | 6155      | 3.0                          |
|                          | 45      | 6175      | 3.0                          |
|                          | 49      | 6195      | 3.0                          |
|                          | 53      | 6215      | 3.0                          |
|                          | 57      | 6235      | 3.0                          |
|                          | 61      | 6255      | 3.0                          |
|                          | 65      | 6275      | 3.0                          |
|                          | 69      | 6295      | 3.0                          |
|                          | 73      | 6315      | 3.0                          |
|                          | 77      | 6335      | 3.0                          |
|                          | 81      | 6355      | 3.0                          |
|                          | 85      | 6375      | 3.0                          |
|                          | 89      | 6395      | 3.0                          |
|                          | 93      | 6415      | 3.0                          |
| 802.11ax HE40            | 3       | 5965      | 6.0                          |
|                          | 11      | 6005      | 6.0                          |
|                          | 19      | 6045      | 6.0                          |
|                          | 27      | 6085      | 6.0                          |
|                          | 35      | 6125      | 6.0                          |
|                          | 43      | 6165      | 6.0                          |
|                          | 51      | 6205      | 6.0                          |
|                          | 59      | 6245      | 6.0                          |
|                          | 67      | 6285      | 6.0                          |
|                          | 75      | 6325      | 6.0                          |
| 802.11ax HE80            | 83      | 6365      | 6.0                          |
|                          | 91      | 6405      | 6.0                          |
|                          | 7       | 5985      | 9.0                          |
|                          | 23      | 6065      | 9.0                          |
|                          | 39      | 6145      | 9.0                          |
| 802.11ax HE160           | 55      | 6225      | 9.0                          |
|                          | 71      | 6305      | 9.0                          |
|                          | 87      | 6385      | 9.0                          |
|                          | 15      | 6025      | 9.5                          |
|                          | 47      | 6185      | 9.5                          |
|                          | 79      | 6345      | 9.5                          |

| Tune-up Power (1T1S)_VLP |         |           |                              |
|--------------------------|---------|-----------|------------------------------|
| UNII-5                   |         |           |                              |
| Mode                     | Channel | Frequency | SISO Ant 0 &1<br>Max Tune up |
| 802.11be EHT20           | 1       | 5955      | 3.0                          |
|                          | 5       | 5975      | 3.0                          |
|                          | 9       | 5995      | 3.0                          |
|                          | 13      | 6015      | 3.0                          |
|                          | 17      | 6035      | 3.0                          |
|                          | 21      | 6055      | 3.0                          |
|                          | 25      | 6075      | 3.0                          |
|                          | 29      | 6095      | 3.0                          |
|                          | 33      | 6115      | 3.0                          |
|                          | 37      | 6135      | 3.0                          |
|                          | 41      | 6155      | 3.0                          |
|                          | 45      | 6175      | 3.0                          |
|                          | 49      | 6195      | 3.0                          |
|                          | 53      | 6215      | 3.0                          |
|                          | 57      | 6235      | 3.0                          |
|                          | 61      | 6255      | 3.0                          |
|                          | 65      | 6275      | 3.0                          |
|                          | 69      | 6295      | 3.0                          |
|                          | 73      | 6315      | 3.0                          |
|                          | 77      | 6335      | 3.0                          |
|                          | 81      | 6355      | 3.0                          |
|                          | 85      | 6375      | 3.0                          |
|                          | 89      | 6395      | 3.0                          |
|                          | 93      | 6415      | 3.0                          |
| 802.11be EHT40           | 3       | 5965      | 6.5                          |
|                          | 11      | 6005      | 6.5                          |
|                          | 19      | 6045      | 6.5                          |
|                          | 27      | 6085      | 6.5                          |
|                          | 35      | 6125      | 6.5                          |
|                          | 43      | 6165      | 6.5                          |
|                          | 51      | 6205      | 6.5                          |
|                          | 59      | 6245      | 6.5                          |
|                          | 67      | 6285      | 6.5                          |
|                          | 75      | 6325      | 6.5                          |
| 802.11be EHT80           | 83      | 6365      | 6.5                          |
|                          | 91      | 6405      | 6.5                          |
|                          | 7       | 5985      | 9.0                          |
|                          | 23      | 6065      | 9.0                          |
|                          | 39      | 6145      | 9.0                          |
| 802.11be EHT160          | 55      | 6225      | 9.0                          |
|                          | 71      | 6305      | 9.0                          |
|                          | 87      | 6385      | 9.0                          |
|                          | 15      | 6025      | 9.5                          |
|                          | 47      | 6185      | 9.5                          |
|                          | 79      | 6345      | 9.5                          |

| Tune-up Power (1T1S)_VLP |         |           |                              |
|--------------------------|---------|-----------|------------------------------|
| UNII-6                   |         |           |                              |
| Mode                     | Channel | Frequency | SISO Ant 0 &1<br>Max Tune up |
| 802.11a                  | 97      | 6435      | 3.0                          |
|                          | 101     | 6455      | 3.0                          |
|                          | 105     | 6475      | 3.0                          |
|                          | 109     | 6495      | 3.0                          |
|                          | 113     | 6515      | 3.0                          |
| 802.11ax HE20            | 97      | 6435      | 3.0                          |
|                          | 101     | 6455      | 3.0                          |
|                          | 105     | 6475      | 3.0                          |
|                          | 109     | 6495      | 3.0                          |
|                          | 113     | 6515      | 3.0                          |
| 802.11ax HE40            | 99      | 6445      | 6.0                          |
|                          | 107     | 6485      | 6.0                          |
|                          | 115     | 6525      | 6.0                          |
| 802.11ax HE80            | 103     | 6465      | 9.0                          |
|                          | 119     | 6545      | 9.0                          |
| 802.11ax HE160           | 111     | 6505      | 9.5                          |
| 802.11be EHT20           | 97      | 6435      | 3.5                          |
|                          | 101     | 6455      | 3.5                          |
|                          | 105     | 6475      | 3.5                          |
|                          | 109     | 6495      | 3.5                          |
|                          | 113     | 6515      | 3.5                          |
| 802.11be EHT40           | 99      | 6445      | 6.0                          |
|                          | 107     | 6485      | 6.0                          |
|                          | 115     | 6525      | 6.0                          |
| 802.11be EHT80           | 103     | 6465      | 9.0                          |
|                          | 119     | 6545      | 9.0                          |
| 802.11be EHT160          | 111     | 6505      | 9.5                          |

| Tune-up Power (1T1S)_VLP |         |           |                              |
|--------------------------|---------|-----------|------------------------------|
| UNII-7                   |         |           |                              |
| Mode                     | Channel | Frequency | SISO Ant 0 &1<br>Max Tune up |
| 802.11a                  | 117     | 6535      | 3.0                          |
|                          | 121     | 6555      | 3.0                          |
|                          | 125     | 6575      | 3.0                          |
|                          | 129     | 6595      | 3.0                          |
|                          | 133     | 6615      | 3.0                          |
|                          | 137     | 6635      | 3.0                          |
|                          | 141     | 6655      | 3.0                          |
|                          | 145     | 6675      | 3.0                          |
|                          | 149     | 6695      | 3.0                          |
|                          | 153     | 6715      | 3.0                          |
|                          | 157     | 6735      | 3.0                          |
|                          | 161     | 6755      | 3.0                          |
|                          | 165     | 6775      | 3.0                          |
|                          | 169     | 6795      | 3.0                          |
|                          | 173     | 6815      | 3.0                          |
|                          | 177     | 6835      | 3.0                          |
|                          | 181     | 6855      | 3.0                          |
| 802.11ax HE20            | 117     | 6535      | 3.0                          |
|                          | 121     | 6555      | 3.0                          |
|                          | 125     | 6575      | 3.0                          |
|                          | 129     | 6595      | 3.0                          |
|                          | 133     | 6615      | 3.0                          |
|                          | 137     | 6635      | 3.0                          |
|                          | 141     | 6655      | 3.0                          |
|                          | 145     | 6675      | 3.0                          |
|                          | 149     | 6695      | 3.0                          |
|                          | 153     | 6715      | 3.0                          |
|                          | 157     | 6735      | 3.0                          |
|                          | 161     | 6755      | 3.0                          |
|                          | 165     | 6775      | 3.0                          |
|                          | 169     | 6795      | 3.0                          |
|                          | 173     | 6815      | 3.0                          |
|                          | 177     | 6835      | 3.0                          |
|                          | 181     | 6855      | 3.0                          |
| 802.11ax HE40            | 123     | 6565      | 6.0                          |
|                          | 131     | 6605      | 6.0                          |
|                          | 139     | 6645      | 6.0                          |
|                          | 147     | 6685      | 6.0                          |
|                          | 155     | 6725      | 6.0                          |
|                          | 163     | 6765      | 6.0                          |
|                          | 171     | 6805      | 6.0                          |
|                          | 179     | 6845      | 6.0                          |
|                          | 187     | 6885      | 6.5                          |
| 802.11ax HE80            | 135     | 6625      | 9.0                          |
|                          | 151     | 6705      | 9.0                          |
|                          | 167     | 6785      | 9.0                          |
| 802.11ax HE160           | 183     | 6865      | 9.0                          |
|                          | 143     | 6665      | 9.5                          |
|                          | 175     | 6825      | 9.5                          |

| Tune-up Power (1T1S)_VLP |         |           |                              |
|--------------------------|---------|-----------|------------------------------|
| UNII-7                   |         |           |                              |
| Mode                     | Channel | Frequency | SISO Ant 0 &1<br>Max Tune up |
| 802.11be EHT20           | 117     | 6535      | 3.0                          |
|                          | 121     | 6555      | 3.0                          |
|                          | 125     | 6575      | 3.0                          |
|                          | 129     | 6595      | 3.0                          |
|                          | 133     | 6615      | 3.0                          |
|                          | 137     | 6635      | 3.0                          |
|                          | 141     | 6655      | 3.0                          |
|                          | 145     | 6675      | 3.0                          |
|                          | 149     | 6695      | 3.0                          |
|                          | 153     | 6715      | 3.0                          |
|                          | 157     | 6735      | 3.0                          |
|                          | 161     | 6755      | 3.0                          |
|                          | 165     | 6775      | 3.0                          |
|                          | 169     | 6795      | 3.0                          |
|                          | 173     | 6815      | 3.0                          |
|                          | 177     | 6835      | 3.0                          |
|                          | 181     | 6855      | 3.0                          |
| 802.11be EHT40           | 123     | 6565      | 6.0                          |
|                          | 131     | 6605      | 6.0                          |
|                          | 139     | 6645      | 6.0                          |
|                          | 147     | 6685      | 6.0                          |
|                          | 155     | 6725      | 6.0                          |
|                          | 163     | 6765      | 6.0                          |
|                          | 171     | 6805      | 6.0                          |
|                          | 179     | 6845      | 6.0                          |
| 802.11be EHT80           | 187     | 6885      | 6.5                          |
|                          | 135     | 6625      | 9.0                          |
|                          | 151     | 6705      | 9.0                          |
|                          | 167     | 6785      | 9.0                          |
| 802.11be EHT160          | 183     | 6865      | 9.0                          |
|                          | 143     | 6665      | 9.5                          |
|                          | 175     | 6825      | 9.5                          |

| Tune-up Power (1T1S)_VLP |         |           |                              |
|--------------------------|---------|-----------|------------------------------|
| UNII-8                   |         |           |                              |
| Mode                     | Channel | Frequency | SISO Ant 0 &1<br>Max Tune up |
| 802.11a                  | 185     | 6875      | 3.0                          |
|                          | 189     | 6895      | 3.0                          |
|                          | 193     | 6915      | 3.0                          |
|                          | 197     | 6935      | 3.0                          |
|                          | 201     | 6955      | 3.0                          |
|                          | 205     | 6975      | 3.0                          |
|                          | 209     | 6995      | 3.0                          |
|                          | 213     | 7015      | 3.0                          |
|                          | 217     | 7035      | 3.0                          |
|                          | 221     | 7055      | 3.0                          |
|                          | 225     | 7075      | 3.0                          |
|                          | 229     | 7095      | 3.0                          |
|                          | 233     | 7115      | 3.0                          |
| 802.11ax HE20            | 185     | 6875      | 3.5                          |
|                          | 189     | 6895      | 3.5                          |
|                          | 193     | 6915      | 3.5                          |
|                          | 197     | 6935      | 3.5                          |
|                          | 201     | 6955      | 3.5                          |
|                          | 205     | 6975      | 3.5                          |
|                          | 209     | 6995      | 3.5                          |
|                          | 213     | 7015      | 3.5                          |
|                          | 217     | 7035      | 3.5                          |
|                          | 221     | 7055      | 3.5                          |
|                          | 225     | 7075      | 3.5                          |
|                          | 229     | 7095      | 3.5                          |
|                          | 233     | 7115      | 3.5                          |
| 802.11ax HE40            | 195     | 6925      | 6.5                          |
|                          | 203     | 6965      | 6.5                          |
|                          | 211     | 7005      | 6.5                          |
|                          | 219     | 7045      | 6.5                          |
|                          | 227     | 7085      | 6.5                          |
| 802.11ax HE80            | 199     | 6945      | 9.5                          |
|                          | 215     | 7025      | 9.5                          |
| 802.11ax HE160           | 207     | 6985      | 10.0                         |
| 802.11be EHT20           | 185     | 6875      | 4.0                          |
|                          | 189     | 6895      | 4.0                          |
|                          | 193     | 6915      | 4.0                          |
|                          | 197     | 6935      | 4.0                          |
|                          | 201     | 6955      | 4.0                          |
|                          | 205     | 6975      | 4.0                          |
|                          | 209     | 6995      | 4.0                          |
|                          | 213     | 7015      | 4.0                          |
|                          | 217     | 7035      | 4.0                          |
|                          | 221     | 7055      | 4.0                          |
|                          | 225     | 7075      | 4.0                          |
|                          | 229     | 7095      | 4.0                          |
|                          | 233     | 7115      | 4.0                          |
| 802.11be EHT40           | 195     | 6925      | 6.5                          |
|                          | 203     | 6965      | 6.5                          |
|                          | 211     | 7005      | 6.5                          |
|                          | 219     | 7045      | 6.5                          |
|                          | 227     | 7085      | 6.5                          |
| 802.11be EHT80           | 199     | 6945      | 9.5                          |
|                          | 215     | 7025      | 9.5                          |
| 802.11be EHT160          | 207     | 6985      | 10.0                         |

| Tune-up Power (2T) |         |           |                       |                       |                             |
|--------------------|---------|-----------|-----------------------|-----------------------|-----------------------------|
| WLAN 2.4GHz        |         |           |                       |                       |                             |
| Mode               | Channel | Frequency | MIMO Ant 0<br>Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 0+1<br>Max Tune up |
| 802.11b            | 1       | 2412      | 17.0                  | 17.0                  | 20.0                        |
|                    | 6       | 2437      | 17.0                  | 17.0                  | 20.0                        |
|                    | 11      | 2462      | 17.0                  | 17.0                  | 20.0                        |
|                    | 12      | 2467      | 15.0                  | 15.0                  | 18.0                        |
|                    | 13      | 2472      | 11.0                  | 11.0                  | 14.0                        |
| 802.11g            | 1       | 2412      | 17.0                  | 17.0                  | 20.0                        |
|                    | 6       | 2437      | 17.0                  | 17.0                  | 20.0                        |
|                    | 11      | 2462      | 17.0                  | 17.0                  | 20.0                        |
|                    | 12      | 2467      | 17.0                  | 17.0                  | 20.0                        |
|                    | 13      | 2472      | 14.0                  | 14.0                  | 17.0                        |
| 802.11n HT20       | 1       | 2412      | 17.0                  | 17.0                  | 20.0                        |
|                    | 6       | 2437      | 17.0                  | 17.0                  | 20.0                        |
|                    | 11      | 2462      | 17.0                  | 17.0                  | 20.0                        |
|                    | 12      | 2467      | 17.0                  | 17.0                  | 20.0                        |
|                    | 13      | 2472      | 17.0                  | 17.0                  | 20.0                        |
| 802.11n HT40       | 3       | 2422      | 17.0                  | 17.0                  | 20.0                        |
|                    | 6       | 2437      | 17.0                  | 17.0                  | 20.0                        |
|                    | 9       | 2452      | 17.0                  | 17.0                  | 20.0                        |
|                    | 10      | 2457      | 17.0                  | 17.0                  | 20.0                        |
|                    | 11      | 2462      | 17.0                  | 17.0                  | 20.0                        |
| 802.11ax HE20      | 1       | 2412      | 17.0                  | 17.0                  | 20.0                        |
|                    | 6       | 2437      | 17.0                  | 17.0                  | 20.0                        |
|                    | 11      | 2462      | 17.0                  | 17.0                  | 20.0                        |
|                    | 12      | 2467      | 17.0                  | 17.0                  | 20.0                        |
|                    | 13      | 2472      | 17.0                  | 17.0                  | 20.0                        |
| 802.11ax HE40      | 3       | 2422      | 17.0                  | 17.0                  | 20.0                        |
|                    | 6       | 2437      | 17.0                  | 17.0                  | 20.0                        |
|                    | 9       | 2452      | 17.0                  | 17.0                  | 20.0                        |
|                    | 10      | 2457      | 17.0                  | 17.0                  | 20.0                        |
|                    | 11      | 2462      | 17.0                  | 17.0                  | 20.0                        |
| 802.11be EHT20     | 1       | 2412      | 17.0                  | 17.0                  | 20.0                        |
|                    | 6       | 2437      | 17.0                  | 17.0                  | 20.0                        |
|                    | 11      | 2462      | 17.0                  | 17.0                  | 20.0                        |
|                    | 12      | 2467      | 17.0                  | 17.0                  | 20.0                        |
|                    | 13      | 2472      | 17.0                  | 17.0                  | 20.0                        |
| 802.11be EHT40     | 3       | 2422      | 17.0                  | 17.0                  | 20.0                        |
|                    | 6       | 2437      | 17.0                  | 17.0                  | 20.0                        |
|                    | 9       | 2452      | 17.0                  | 17.0                  | 20.0                        |
|                    | 10      | 2457      | 17.0                  | 17.0                  | 20.0                        |
|                    | 11      | 2462      | 17.0                  | 17.0                  | 20.0                        |

| Tune-up Power (2T) |         |           |                       |                       |                             |
|--------------------|---------|-----------|-----------------------|-----------------------|-----------------------------|
| WLAN 5.2GHz        |         |           |                       |                       |                             |
| Mode               | Channel | Frequency | MIMO Ant 0<br>Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 0+1<br>Max Tune up |
| 802.11a            | 36      | 5180      | 15.5                  | 15.5                  | 18.5                        |
|                    | 40      | 5200      | 15.5                  | 15.5                  | 18.5                        |
|                    | 44      | 5220      | 15.5                  | 15.5                  | 18.5                        |
|                    | 48      | 5240      | 15.5                  | 15.5                  | 18.5                        |
| 802.11n HT20       | 36      | 5180      | 15.5                  | 15.5                  | 18.5                        |
|                    | 40      | 5200      | 15.5                  | 15.5                  | 18.5                        |
|                    | 44      | 5220      | 15.5                  | 15.5                  | 18.5                        |
|                    | 48      | 5240      | 15.5                  | 15.5                  | 18.5                        |
| 802.11n HT40       | 38      | 5190      | 15.5                  | 15.5                  | 18.5                        |
|                    | 46      | 5230      | 15.5                  | 15.5                  | 18.5                        |
| 802.11ac VHT20     | 36      | 5180      | 15.5                  | 15.5                  | 18.5                        |
|                    | 40      | 5200      | 15.5                  | 15.5                  | 18.5                        |
|                    | 44      | 5220      | 15.5                  | 15.5                  | 18.5                        |
|                    | 48      | 5240      | 15.5                  | 15.5                  | 18.5                        |
| 802.11ac VHT40     | 38      | 5190      | 15.5                  | 15.5                  | 18.5                        |
|                    | 46      | 5230      | 15.5                  | 15.5                  | 18.5                        |
| 802.11ac VHT80     | 42      | 5210      | 15.5                  | 15.5                  | 18.5                        |
| 802.11ax HE20      | 36      | 5180      | 15.5                  | 15.5                  | 18.5                        |
|                    | 40      | 5200      | 15.5                  | 15.5                  | 18.5                        |
|                    | 44      | 5220      | 15.5                  | 15.5                  | 18.5                        |
|                    | 48      | 5240      | 15.5                  | 15.5                  | 18.5                        |
| 802.11ax HE40      | 38      | 5190      | 15.5                  | 15.5                  | 18.5                        |
|                    | 46      | 5230      | 15.5                  | 15.5                  | 18.5                        |
| 802.11ax HE80      | 42      | 5210      | 15.5                  | 15.5                  | 18.5                        |
| 802.11be EHT20     | 36      | 5180      | 15.5                  | 15.5                  | 18.5                        |
|                    | 40      | 5200      | 15.5                  | 15.5                  | 18.5                        |
|                    | 44      | 5220      | 15.5                  | 15.5                  | 18.5                        |
|                    | 48      | 5240      | 15.5                  | 15.5                  | 18.5                        |
| 802.11be EHT40     | 38      | 5190      | 15.5                  | 15.5                  | 18.5                        |
|                    | 46      | 5230      | 15.5                  | 15.5                  | 18.5                        |
| 802.11be EHT80     | 42      | 5210      | 15.5                  | 15.5                  | 18.5                        |

| Tune-up Power (2T) |         |           |                       |                       |                             |
|--------------------|---------|-----------|-----------------------|-----------------------|-----------------------------|
| WLAN 5.3GHz        |         |           |                       |                       |                             |
| Mode               | Channel | Frequency | MIMO Ant 0<br>Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 0+1<br>Max Tune up |
| 802.11a            | 52      | 5260      | 15.5                  | 15.5                  | 18.5                        |
|                    | 56      | 5280      | 15.5                  | 15.5                  | 18.5                        |
|                    | 60      | 5300      | 15.5                  | 15.5                  | 18.5                        |
|                    | 64      | 5320      | 15.5                  | 15.5                  | 18.5                        |
| 802.11n HT20       | 52      | 5260      | 15.5                  | 15.5                  | 18.5                        |
|                    | 56      | 5280      | 15.5                  | 15.5                  | 18.5                        |
|                    | 60      | 5300      | 15.5                  | 15.5                  | 18.5                        |
|                    | 64      | 5320      | 15.5                  | 15.5                  | 18.5                        |
| 802.11n HT40       | 54      | 5270      | 15.5                  | 15.5                  | 18.5                        |
|                    | 62      | 5310      | 15.5                  | 15.5                  | 18.5                        |
| 802.11ac VHT20     | 52      | 5260      | 15.5                  | 15.5                  | 18.5                        |
|                    | 56      | 5280      | 15.5                  | 15.5                  | 18.5                        |
|                    | 60      | 5300      | 15.5                  | 15.5                  | 18.5                        |
|                    | 64      | 5320      | 15.5                  | 15.5                  | 18.5                        |
| 802.11ac VHT40     | 54      | 5270      | 15.5                  | 15.5                  | 18.5                        |
|                    | 62      | 5310      | 15.5                  | 15.5                  | 18.5                        |
| 802.11ac VHT80     | 58      | 5290      | 15.5                  | 15.5                  | 18.5                        |
| 802.11ac VHT160    | 50      | 5250      | 15.5                  | 15.5                  | 18.5                        |
| 802.11ax HE20      | 52      | 5260      | 15.5                  | 15.5                  | 18.5                        |
|                    | 56      | 5280      | 15.5                  | 15.5                  | 18.5                        |
|                    | 60      | 5300      | 15.5                  | 15.5                  | 18.5                        |
|                    | 64      | 5320      | 15.5                  | 15.5                  | 18.5                        |
| 802.11ax HE40      | 54      | 5270      | 15.5                  | 15.5                  | 18.5                        |
|                    | 62      | 5310      | 15.5                  | 15.5                  | 18.5                        |
| 802.11ax HE80      | 58      | 5290      | 15.5                  | 15.5                  | 18.5                        |
| 802.11ax HE160     | 50      | 5250      | 15.5                  | 15.5                  | 18.5                        |
| 802.11be EHT20     | 52      | 5260      | 15.5                  | 15.5                  | 18.5                        |
|                    | 56      | 5280      | 15.5                  | 15.5                  | 18.5                        |
|                    | 60      | 5300      | 15.5                  | 15.5                  | 18.5                        |
|                    | 64      | 5320      | 15.5                  | 15.5                  | 18.5                        |
| 802.11be EHT40     | 54      | 5270      | 15.5                  | 15.5                  | 18.5                        |
|                    | 62      | 5310      | 15.5                  | 15.5                  | 18.5                        |
| 802.11be EHT80     | 58      | 5290      | 15.5                  | 15.5                  | 18.5                        |
| 802.11be EHT160    | 50      | 5250      | 13.0                  | 13.0                  | 16.0                        |

| Tune-up Power (2T) |         |           |                       |                       |                             |
|--------------------|---------|-----------|-----------------------|-----------------------|-----------------------------|
| WLAN 5.6GHz        |         |           |                       |                       |                             |
| Mode               | Channel | Frequency | MIMO Ant 0<br>Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 0+1<br>Max Tune up |
| 802.11a            | 100     | 5500      | 15.5                  | 15.5                  | 18.5                        |
|                    | 116     | 5580      | 15.5                  | 15.5                  | 18.5                        |
|                    | 120     | 5600      | 15.5                  | 15.5                  | 18.5                        |
|                    | 124     | 5620      | 15.5                  | 15.5                  | 18.5                        |
|                    | 132     | 5660      | 15.5                  | 15.5                  | 18.5                        |
|                    | 140     | 5700      | 15.5                  | 15.5                  | 18.5                        |
|                    | 144     | 5720      | 15.5                  | 15.5                  | 18.5                        |
| 802.11n HT20       | 100     | 5500      | 15.5                  | 15.5                  | 18.5                        |
|                    | 116     | 5580      | 15.5                  | 15.5                  | 18.5                        |
|                    | 120     | 5600      | 15.5                  | 15.5                  | 18.5                        |
|                    | 124     | 5620      | 15.5                  | 15.5                  | 18.5                        |
|                    | 132     | 5660      | 15.5                  | 15.5                  | 18.5                        |
|                    | 140     | 5700      | 15.5                  | 15.5                  | 18.5                        |
|                    | 144     | 5720      | 15.5                  | 15.5                  | 18.5                        |
| 802.11n HT40       | 102     | 5510      | 15.5                  | 15.5                  | 18.5                        |
|                    | 110     | 5550      | 15.5                  | 15.5                  | 18.5                        |
|                    | 118     | 5590      | 15.5                  | 15.5                  | 18.5                        |
|                    | 126     | 5630      | 15.5                  | 15.5                  | 18.5                        |
|                    | 134     | 5670      | 15.5                  | 15.5                  | 18.5                        |
|                    | 142     | 5710      | 15.5                  | 15.5                  | 18.5                        |
|                    | 100     | 5500      | 15.5                  | 15.5                  | 18.5                        |
| 802.11ac VHT20     | 116     | 5580      | 15.5                  | 15.5                  | 18.5                        |
|                    | 120     | 5600      | 15.5                  | 15.5                  | 18.5                        |
|                    | 124     | 5620      | 15.5                  | 15.5                  | 18.5                        |
|                    | 132     | 5660      | 15.5                  | 15.5                  | 18.5                        |
|                    | 140     | 5700      | 15.5                  | 15.5                  | 18.5                        |
|                    | 144     | 5720      | 15.5                  | 15.5                  | 18.5                        |
|                    | 102     | 5510      | 15.5                  | 15.5                  | 18.5                        |
| 802.11ac VHT40     | 110     | 5550      | 15.5                  | 15.5                  | 18.5                        |
|                    | 118     | 5590      | 15.5                  | 15.5                  | 18.5                        |
|                    | 126     | 5630      | 15.5                  | 15.5                  | 18.5                        |
|                    | 134     | 5670      | 15.5                  | 15.5                  | 18.5                        |
|                    | 142     | 5710      | 15.5                  | 15.5                  | 18.5                        |
|                    | 106     | 5530      | 15.5                  | 15.5                  | 18.5                        |
|                    | 122     | 5610      | 15.5                  | 15.5                  | 18.5                        |
| 802.11ac VHT80     | 138     | 5690      | 15.5                  | 15.5                  | 18.5                        |
|                    | 114     | 5570      | 15.5                  | 15.5                  | 18.5                        |
| 802.11ac VHT160    | 100     | 5500      | 15.5                  | 15.5                  | 18.5                        |
| 802.11ax HE20      | 116     | 5580      | 15.5                  | 15.5                  | 18.5                        |
|                    | 120     | 5600      | 15.5                  | 15.5                  | 18.5                        |
|                    | 124     | 5620      | 15.5                  | 15.5                  | 18.5                        |
|                    | 132     | 5660      | 15.5                  | 15.5                  | 18.5                        |
|                    | 140     | 5700      | 15.5                  | 15.5                  | 18.5                        |
|                    | 144     | 5720      | 15.5                  | 15.5                  | 18.5                        |
|                    | 102     | 5510      | 15.5                  | 15.5                  | 18.5                        |
| 802.11ax HE40      | 110     | 5550      | 15.5                  | 15.5                  | 18.5                        |
|                    | 118     | 5590      | 15.5                  | 15.5                  | 18.5                        |
|                    | 126     | 5630      | 15.5                  | 15.5                  | 18.5                        |
|                    | 134     | 5670      | 15.5                  | 15.5                  | 18.5                        |
|                    | 142     | 5710      | 15.5                  | 15.5                  | 18.5                        |
|                    | 106     | 5530      | 15.5                  | 15.5                  | 18.5                        |
|                    | 122     | 5610      | 15.5                  | 15.5                  | 18.5                        |
| 802.11ax HE80      | 138     | 5690      | 15.5                  | 15.5                  | 18.5                        |
|                    | 114     | 5570      | 15.5                  | 15.5                  | 18.5                        |
| 802.11ax HE160     | 100     | 5500      | 15.5                  | 15.5                  | 18.5                        |
| 802.11be EHT20     | 116     | 5580      | 15.5                  | 15.5                  | 18.5                        |
|                    | 120     | 5600      | 15.5                  | 15.5                  | 18.5                        |
|                    | 124     | 5620      | 15.5                  | 15.5                  | 18.5                        |
|                    | 132     | 5660      | 15.5                  | 15.5                  | 18.5                        |
|                    | 140     | 5700      | 15.5                  | 15.5                  | 18.5                        |
|                    | 144     | 5720      | 15.5                  | 15.5                  | 18.5                        |
|                    | 102     | 5510      | 15.5                  | 15.5                  | 18.5                        |
| 802.11be EHT40     | 110     | 5550      | 15.5                  | 15.5                  | 18.5                        |
|                    | 118     | 5590      | 15.5                  | 15.5                  | 18.5                        |
|                    | 126     | 5630      | 15.5                  | 15.5                  | 18.5                        |
|                    | 134     | 5670      | 15.5                  | 15.5                  | 18.5                        |
|                    | 142     | 5710      | 15.5                  | 15.5                  | 18.5                        |
|                    | 106     | 5530      | 15.5                  | 15.5                  | 18.5                        |
|                    | 122     | 5610      | 15.5                  | 15.5                  | 18.5                        |
| 802.11be EHT80     | 138     | 5690      | 15.5                  | 15.5                  | 18.5                        |
|                    | 114     | 5570      | 15.5                  | 15.5                  | 18.5                        |
| 802.11be EHT160    | 100     | 5500      | 15.5                  | 15.5                  | 18.5                        |

| Tune-up Power (2T) |         |           |                       |                       |                             |
|--------------------|---------|-----------|-----------------------|-----------------------|-----------------------------|
| WLAN 5.8GHz        |         |           |                       |                       |                             |
| Mode               | Channel | Frequency | MIMO Ant 0<br>Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 0+1<br>Max Tune up |
| 802.11a            | 149     | 5745      | 15.5                  | 15.5                  | 18.5                        |
|                    | 153     | 5765      | 15.5                  | 15.5                  | 18.5                        |
|                    | 157     | 5785      | 15.5                  | 15.5                  | 18.5                        |
|                    | 161     | 5805      | 15.5                  | 15.5                  | 18.5                        |
|                    | 165     | 5825      | 15.5                  | 15.5                  | 18.5                        |
| 802.11n HT20       | 149     | 5745      | 15.5                  | 15.5                  | 18.5                        |
|                    | 153     | 5765      | 15.5                  | 15.5                  | 18.5                        |
|                    | 157     | 5785      | 15.5                  | 15.5                  | 18.5                        |
|                    | 161     | 5805      | 15.5                  | 15.5                  | 18.5                        |
|                    | 165     | 5825      | 15.5                  | 15.5                  | 18.5                        |
| 802.11n HT40       | 151     | 5755      | 15.5                  | 15.5                  | 18.5                        |
|                    | 159     | 5795      | 15.5                  | 15.5                  | 18.5                        |
| 802.11ac VHT20     | 149     | 5745      | 15.5                  | 15.5                  | 18.5                        |
|                    | 153     | 5765      | 15.5                  | 15.5                  | 18.5                        |
|                    | 157     | 5785      | 15.5                  | 15.5                  | 18.5                        |
|                    | 161     | 5805      | 15.5                  | 15.5                  | 18.5                        |
|                    | 165     | 5825      | 15.5                  | 15.5                  | 18.5                        |
| 802.11ac VHT40     | 151     | 5755      | 15.5                  | 15.5                  | 18.5                        |
|                    | 159     | 5795      | 15.5                  | 15.5                  | 18.5                        |
| 802.11ac VHT80     | 155     | 5775      | 15.5                  | 15.5                  | 18.5                        |
| 802.11ax HE20      | 149     | 5745      | 15.5                  | 15.5                  | 18.5                        |
|                    | 153     | 5765      | 15.5                  | 15.5                  | 18.5                        |
|                    | 157     | 5785      | 15.5                  | 15.5                  | 18.5                        |
|                    | 161     | 5805      | 15.5                  | 15.5                  | 18.5                        |
|                    | 165     | 5825      | 15.5                  | 15.5                  | 18.5                        |
| 802.11ax HE40      | 151     | 5755      | 15.5                  | 15.5                  | 18.5                        |
|                    | 159     | 5795      | 15.5                  | 15.5                  | 18.5                        |
| 802.11ax HE80      | 155     | 5775      | 15.5                  | 15.5                  | 18.5                        |
| 802.11be EHT20     | 149     | 5745      | 15.5                  | 15.5                  | 18.5                        |
|                    | 153     | 5765      | 15.5                  | 15.5                  | 18.5                        |
|                    | 157     | 5785      | 15.5                  | 15.5                  | 18.5                        |
|                    | 161     | 5805      | 15.5                  | 15.5                  | 18.5                        |
|                    | 165     | 5825      | 15.5                  | 15.5                  | 18.5                        |
| 802.11be EHT40     | 151     | 5755      | 15.5                  | 15.5                  | 18.5                        |
|                    | 159     | 5795      | 15.5                  | 15.5                  | 18.5                        |
| 802.11be EHT80     | 155     | 5775      | 15.5                  | 15.5                  | 18.5                        |

| Tune-up Power (2T) |         |           |                       |                       |                             |
|--------------------|---------|-----------|-----------------------|-----------------------|-----------------------------|
| WLAN 5.9GHz        |         |           |                       |                       |                             |
| Mode               | Channel | Frequency | MIMO Ant 0<br>Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 0+1<br>Max Tune up |
| 802.11a            | 169     | 5845      | 15.5                  | 15.5                  | 18.5                        |
|                    | 173     | 5865      | 15.5                  | 15.5                  | 18.5                        |
|                    | 177     | 5885      | 15.5                  | 15.5                  | 18.5                        |
| 802.11n HT20       | 169     | 5845      | 15.5                  | 15.5                  | 18.5                        |
|                    | 173     | 5865      | 15.5                  | 15.5                  | 18.5                        |
|                    | 177     | 5885      | 15.5                  | 15.5                  | 18.5                        |
| 802.11n HT40       | 167     | 5835      | 15.5                  | 15.5                  | 18.5                        |
|                    | 175     | 5875      | 15.5                  | 15.5                  | 18.5                        |
| 802.11ac VHT20     | 169     | 5845      | 15.5                  | 15.5                  | 18.5                        |
|                    | 173     | 5865      | 15.5                  | 15.5                  | 18.5                        |
|                    | 177     | 5885      | 15.5                  | 15.5                  | 18.5                        |
| 802.11ac VHT40     | 167     | 5835      | 15.5                  | 15.5                  | 18.5                        |
|                    | 175     | 5875      | 15.5                  | 15.5                  | 18.5                        |
| 802.11ac VHT80     | 171     | 5855      | 15.5                  | 15.5                  | 18.5                        |
| 802.11ac VHT160    | 163     | 5815      | 15.5                  | 15.5                  | 18.5                        |
| 802.11ax HE20      | 169     | 5845      | 15.5                  | 15.5                  | 18.5                        |
|                    | 173     | 5865      | 15.5                  | 15.5                  | 18.5                        |
|                    | 177     | 5885      | 15.5                  | 15.5                  | 18.5                        |
| 802.11ax HE40      | 167     | 5835      | 15.5                  | 15.5                  | 18.5                        |
|                    | 175     | 5875      | 15.5                  | 15.5                  | 18.5                        |
| 802.11ax HE80      | 171     | 5855      | 15.5                  | 15.5                  | 18.5                        |
| 802.11ax HE160     | 163     | 5815      | 15.5                  | 15.5                  | 18.5                        |
| 802.11be EHT20     | 169     | 5845      | 15.5                  | 15.5                  | 18.5                        |
|                    | 173     | 5865      | 15.5                  | 15.5                  | 18.5                        |
|                    | 177     | 5885      | 15.5                  | 15.5                  | 18.5                        |
| 802.11be EHT40     | 167     | 5835      | 15.5                  | 15.5                  | 18.5                        |
|                    | 175     | 5875      | 15.5                  | 15.5                  | 18.5                        |
| 802.11be EHT80     | 171     | 5855      | 15.5                  | 15.5                  | 18.5                        |
| 802.11be EHT160    | 163     | 5815      | 15.5                  | 15.5                  | 18.5                        |

| Tune-up Power (2T)_SP |         |           |                       |                       |                             |
|-----------------------|---------|-----------|-----------------------|-----------------------|-----------------------------|
| UNII-5                |         |           |                       |                       |                             |
| Mode                  | Channel | Frequency | MIMO Ant 0<br>Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 0+1<br>Max Tune up |
| 802.11a               | 1       | 5955      | 15.0                  | 15.0                  | 18.0                        |
|                       | 5       | 5975      | 15.0                  | 15.0                  | 18.0                        |
|                       | 9       | 5995      | 15.0                  | 15.0                  | 18.0                        |
|                       | 13      | 6015      | 15.0                  | 15.0                  | 18.0                        |
|                       | 17      | 6035      | 15.0                  | 15.0                  | 18.0                        |
|                       | 21      | 6055      | 15.0                  | 15.0                  | 18.0                        |
|                       | 25      | 6075      | 15.0                  | 15.0                  | 18.0                        |
|                       | 29      | 6095      | 15.0                  | 15.0                  | 18.0                        |
|                       | 33      | 6115      | 15.0                  | 15.0                  | 18.0                        |
|                       | 37      | 6135      | 15.0                  | 15.0                  | 18.0                        |
|                       | 41      | 6155      | 15.0                  | 15.0                  | 18.0                        |
|                       | 45      | 6175      | 15.0                  | 15.0                  | 18.0                        |
|                       | 49      | 6195      | 15.0                  | 15.0                  | 18.0                        |
|                       | 53      | 6215      | 15.0                  | 15.0                  | 18.0                        |
|                       | 57      | 6235      | 15.0                  | 15.0                  | 18.0                        |
|                       | 61      | 6255      | 15.0                  | 15.0                  | 18.0                        |
|                       | 65      | 6275      | 15.0                  | 15.0                  | 18.0                        |
|                       | 69      | 6295      | 15.0                  | 15.0                  | 18.0                        |
|                       | 73      | 6315      | 15.0                  | 15.0                  | 18.0                        |
|                       | 77      | 6335      | 15.0                  | 15.0                  | 18.0                        |
| 802.11ax HE20         | 81      | 6355      | 15.0                  | 15.0                  | 18.0                        |
|                       | 85      | 6375      | 15.0                  | 15.0                  | 18.0                        |
|                       | 89      | 6395      | 15.0                  | 15.0                  | 18.0                        |
|                       | 93      | 6415      | 15.0                  | 15.0                  | 18.0                        |
|                       | 1       | 5955      | 15.0                  | 15.0                  | 18.0                        |
|                       | 5       | 5975      | 15.0                  | 15.0                  | 18.0                        |
|                       | 9       | 5995      | 15.0                  | 15.0                  | 18.0                        |
|                       | 13      | 6015      | 15.0                  | 15.0                  | 18.0                        |
|                       | 17      | 6035      | 15.0                  | 15.0                  | 18.0                        |
|                       | 21      | 6055      | 15.0                  | 15.0                  | 18.0                        |
|                       | 25      | 6075      | 15.0                  | 15.0                  | 18.0                        |
|                       | 29      | 6095      | 15.0                  | 15.0                  | 18.0                        |
|                       | 33      | 6115      | 15.0                  | 15.0                  | 18.0                        |
|                       | 37      | 6135      | 15.0                  | 15.0                  | 18.0                        |
|                       | 41      | 6155      | 15.0                  | 15.0                  | 18.0                        |
|                       | 45      | 6175      | 15.0                  | 15.0                  | 18.0                        |
|                       | 49      | 6195      | 15.0                  | 15.0                  | 18.0                        |
|                       | 53      | 6215      | 15.0                  | 15.0                  | 18.0                        |
|                       | 57      | 6235      | 15.0                  | 15.0                  | 18.0                        |
|                       | 61      | 6255      | 15.0                  | 15.0                  | 18.0                        |
| 802.11ax HE40         | 65      | 6275      | 15.0                  | 15.0                  | 18.0                        |
|                       | 69      | 6295      | 15.0                  | 15.0                  | 18.0                        |
|                       | 73      | 6315      | 15.0                  | 15.0                  | 18.0                        |
|                       | 77      | 6335      | 15.0                  | 15.0                  | 18.0                        |
|                       | 81      | 6355      | 15.0                  | 15.0                  | 18.0                        |
|                       | 85      | 6375      | 15.0                  | 15.0                  | 18.0                        |
|                       | 89      | 6395      | 15.0                  | 15.0                  | 18.0                        |
|                       | 93      | 6415      | 15.0                  | 15.0                  | 18.0                        |
|                       | 3       | 5965      | 15.0                  | 15.0                  | 18.0                        |
|                       | 11      | 6005      | 15.0                  | 15.0                  | 18.0                        |
| 802.11ax HE80         | 19      | 6045      | 15.0                  | 15.0                  | 18.0                        |
|                       | 27      | 6085      | 15.0                  | 15.0                  | 18.0                        |
|                       | 35      | 6125      | 15.0                  | 15.0                  | 18.0                        |
|                       | 43      | 6165      | 15.0                  | 15.0                  | 18.0                        |
|                       | 51      | 6205      | 15.0                  | 15.0                  | 18.0                        |
|                       | 59      | 6245      | 15.0                  | 15.0                  | 18.0                        |
|                       | 67      | 6285      | 15.0                  | 15.0                  | 18.0                        |
|                       | 75      | 6325      | 15.0                  | 15.0                  | 18.0                        |
|                       | 83      | 6365      | 15.0                  | 15.0                  | 18.0                        |
|                       | 91      | 6405      | 15.0                  | 15.0                  | 18.0                        |
| 802.11ax HE160        | 7       | 5985      | 15.0                  | 15.0                  | 18.0                        |
|                       | 23      | 6065      | 15.0                  | 15.0                  | 18.0                        |
|                       | 39      | 6145      | 15.0                  | 15.0                  | 18.0                        |
|                       | 55      | 6225      | 15.0                  | 15.0                  | 18.0                        |
|                       | 71      | 6305      | 15.0                  | 15.0                  | 18.0                        |
|                       | 87      | 6385      | 15.0                  | 15.0                  | 18.0                        |
|                       | 15      | 6025      | 15.0                  | 15.0                  | 18.0                        |
|                       | 47      | 6185      | 15.0                  | 15.0                  | 18.0                        |
|                       | 79      | 6345      | 15.0                  | 15.0                  | 18.0                        |

| Tune-up Power (2T)_SP |         |           |                       |                       |                             |
|-----------------------|---------|-----------|-----------------------|-----------------------|-----------------------------|
| UNII-5                |         |           |                       |                       |                             |
| Mode                  | Channel | Frequency | MIMO Ant 0<br>Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 0+1<br>Max Tune up |
| 802.11be EHT20        | 1       | 5955      | 15.0                  | 15.0                  | 18.0                        |
|                       | 5       | 5975      | 15.0                  | 15.0                  | 18.0                        |
|                       | 9       | 5995      | 15.0                  | 15.0                  | 18.0                        |
|                       | 13      | 6015      | 15.0                  | 15.0                  | 18.0                        |
|                       | 17      | 6035      | 15.0                  | 15.0                  | 18.0                        |
|                       | 21      | 6055      | 15.0                  | 15.0                  | 18.0                        |
|                       | 25      | 6075      | 15.0                  | 15.0                  | 18.0                        |
|                       | 29      | 6095      | 15.0                  | 15.0                  | 18.0                        |
|                       | 33      | 6115      | 15.0                  | 15.0                  | 18.0                        |
|                       | 37      | 6135      | 15.0                  | 15.0                  | 18.0                        |
|                       | 41      | 6155      | 15.0                  | 15.0                  | 18.0                        |
|                       | 45      | 6175      | 15.0                  | 15.0                  | 18.0                        |
|                       | 49      | 6195      | 15.0                  | 15.0                  | 18.0                        |
|                       | 53      | 6215      | 15.0                  | 15.0                  | 18.0                        |
|                       | 57      | 6235      | 15.0                  | 15.0                  | 18.0                        |
|                       | 61      | 6255      | 15.0                  | 15.0                  | 18.0                        |
|                       | 65      | 6275      | 15.0                  | 15.0                  | 18.0                        |
|                       | 69      | 6295      | 15.0                  | 15.0                  | 18.0                        |
|                       | 73      | 6315      | 15.0                  | 15.0                  | 18.0                        |
|                       | 77      | 6335      | 15.0                  | 15.0                  | 18.0                        |
|                       | 81      | 6355      | 15.0                  | 15.0                  | 18.0                        |
| 802.11be EHT40        | 85      | 6375      | 15.0                  | 15.0                  | 18.0                        |
|                       | 89      | 6395      | 15.0                  | 15.0                  | 18.0                        |
|                       | 93      | 6415      | 15.0                  | 15.0                  | 18.0                        |
|                       | 3       | 5965      | 15.0                  | 15.0                  | 18.0                        |
|                       | 11      | 6005      | 15.0                  | 15.0                  | 18.0                        |
|                       | 19      | 6045      | 15.0                  | 15.0                  | 18.0                        |
|                       | 27      | 6085      | 15.0                  | 15.0                  | 18.0                        |
|                       | 35      | 6125      | 15.0                  | 15.0                  | 18.0                        |
|                       | 43      | 6165      | 15.0                  | 15.0                  | 18.0                        |
|                       | 51      | 6205      | 15.0                  | 15.0                  | 18.0                        |
| 802.11be EHT80        | 59      | 6245      | 15.0                  | 15.0                  | 18.0                        |
|                       | 67      | 6285      | 15.0                  | 15.0                  | 18.0                        |
|                       | 75      | 6325      | 15.0                  | 15.0                  | 18.0                        |
|                       | 83      | 6365      | 15.0                  | 15.0                  | 18.0                        |
|                       | 91      | 6405      | 15.0                  | 15.0                  | 18.0                        |
|                       | 7       | 5985      | 15.0                  | 15.0                  | 18.0                        |
| 802.11be EHT160       | 23      | 6065      | 15.0                  | 15.0                  | 18.0                        |
|                       | 39      | 6145      | 15.0                  | 15.0                  | 18.0                        |
|                       | 55      | 6225      | 15.0                  | 15.0                  | 18.0                        |
|                       | 71      | 6305      | 15.0                  | 15.0                  | 18.0                        |
|                       | 87      | 6385      | 15.0                  | 15.0                  | 18.0                        |
|                       | 15      | 6025      | 15.0                  | 15.0                  | 18.0                        |
|                       | 47      | 6185      | 15.0                  | 15.0                  | 18.0                        |
|                       | 79      | 6345      | 15.0                  | 15.0                  | 18.0                        |

| Tune-up Power (2T)_SP |         |           |                       |                       |                             |
|-----------------------|---------|-----------|-----------------------|-----------------------|-----------------------------|
| UNII-7                |         |           |                       |                       |                             |
| Mode                  | Channel | Frequency | MIMO Ant 0<br>Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 0+1<br>Max Tune up |
| 802.11a               | 117     | 6535      | 15.0                  | 15.0                  | 18.0                        |
|                       | 121     | 6555      | 15.0                  | 15.0                  | 18.0                        |
|                       | 125     | 6575      | 15.0                  | 15.0                  | 18.0                        |
|                       | 129     | 6595      | 15.0                  | 15.0                  | 18.0                        |
|                       | 133     | 6615      | 15.0                  | 15.0                  | 18.0                        |
|                       | 137     | 6635      | 15.0                  | 15.0                  | 18.0                        |
|                       | 141     | 6655      | 15.0                  | 15.0                  | 18.0                        |
|                       | 145     | 6675      | 15.0                  | 15.0                  | 18.0                        |
|                       | 149     | 6695      | 15.0                  | 15.0                  | 18.0                        |
|                       | 153     | 6715      | 15.0                  | 15.0                  | 18.0                        |
|                       | 157     | 6735      | 15.0                  | 15.0                  | 18.0                        |
|                       | 161     | 6755      | 15.0                  | 15.0                  | 18.0                        |
|                       | 165     | 6775      | 15.0                  | 15.0                  | 18.0                        |
|                       | 169     | 6795      | 15.0                  | 15.0                  | 18.0                        |
|                       | 173     | 6815      | 15.0                  | 15.0                  | 18.0                        |
|                       | 177     | 6835      | 15.0                  | 15.0                  | 18.0                        |
|                       | 181     | 6855      | 15.0                  | 15.0                  | 18.0                        |
| 802.11ax HE20         | 117     | 6535      | 15.0                  | 15.0                  | 18.0                        |
|                       | 121     | 6555      | 15.0                  | 15.0                  | 18.0                        |
|                       | 125     | 6575      | 15.0                  | 15.0                  | 18.0                        |
|                       | 129     | 6595      | 15.0                  | 15.0                  | 18.0                        |
|                       | 133     | 6615      | 15.0                  | 15.0                  | 18.0                        |
|                       | 137     | 6635      | 15.0                  | 15.0                  | 18.0                        |
|                       | 141     | 6655      | 15.0                  | 15.0                  | 18.0                        |
|                       | 145     | 6675      | 15.0                  | 15.0                  | 18.0                        |
|                       | 149     | 6695      | 15.0                  | 15.0                  | 18.0                        |
|                       | 153     | 6715      | 15.0                  | 15.0                  | 18.0                        |
|                       | 157     | 6735      | 15.0                  | 15.0                  | 18.0                        |
|                       | 161     | 6755      | 15.0                  | 15.0                  | 18.0                        |
|                       | 165     | 6775      | 15.0                  | 15.0                  | 18.0                        |
|                       | 169     | 6795      | 15.0                  | 15.0                  | 18.0                        |
|                       | 173     | 6815      | 15.0                  | 15.0                  | 18.0                        |
|                       | 177     | 6835      | 15.0                  | 15.0                  | 18.0                        |
|                       | 181     | 6855      | 15.0                  | 15.0                  | 18.0                        |
| 802.11ax HE40         | 123     | 6565      | 15.0                  | 15.0                  | 18.0                        |
|                       | 131     | 6605      | 15.0                  | 15.0                  | 18.0                        |
|                       | 139     | 6645      | 15.0                  | 15.0                  | 18.0                        |
|                       | 147     | 6685      | 15.0                  | 15.0                  | 18.0                        |
|                       | 155     | 6725      | 15.0                  | 15.0                  | 18.0                        |
|                       | 163     | 6765      | 15.0                  | 15.0                  | 18.0                        |
|                       | 171     | 6805      | 15.0                  | 15.0                  | 18.0                        |
|                       | 179     | 6845      | 15.0                  | 15.0                  | 18.0                        |
|                       | 187     | 6885      | 15.0                  | 15.0                  | 18.0                        |
| 802.11ax HE80         | 135     | 6625      | 15.0                  | 15.0                  | 18.0                        |
|                       | 151     | 6705      | 15.0                  | 15.0                  | 18.0                        |
|                       | 167     | 6785      | 15.0                  | 15.0                  | 18.0                        |
| 802.11ax HE160        | 183     | 6865      | 15.0                  | 15.0                  | 18.0                        |
|                       | 143     | 6665      | 15.0                  | 15.0                  | 18.0                        |
|                       | 175     | 6825      | 15.0                  | 15.0                  | 18.0                        |

| Tune-up Power (2T)_SP |         |           |                       |                       |                             |
|-----------------------|---------|-----------|-----------------------|-----------------------|-----------------------------|
| UNII-7                |         |           |                       |                       |                             |
| Mode                  | Channel | Frequency | MIMO Ant 0<br>Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 0+1<br>Max Tune up |
| 802.11be EHT20        | 117     | 6535      | 15.0                  | 15.0                  | 18.0                        |
|                       | 121     | 6555      | 15.0                  | 15.0                  | 18.0                        |
|                       | 125     | 6575      | 15.0                  | 15.0                  | 18.0                        |
|                       | 129     | 6595      | 15.0                  | 15.0                  | 18.0                        |
|                       | 133     | 6615      | 15.0                  | 15.0                  | 18.0                        |
|                       | 137     | 6635      | 15.0                  | 15.0                  | 18.0                        |
|                       | 141     | 6655      | 15.0                  | 15.0                  | 18.0                        |
|                       | 145     | 6675      | 15.0                  | 15.0                  | 18.0                        |
|                       | 149     | 6695      | 15.0                  | 15.0                  | 18.0                        |
|                       | 153     | 6715      | 15.0                  | 15.0                  | 18.0                        |
|                       | 157     | 6735      | 15.0                  | 15.0                  | 18.0                        |
|                       | 161     | 6755      | 15.0                  | 15.0                  | 18.0                        |
|                       | 165     | 6775      | 15.0                  | 15.0                  | 18.0                        |
|                       | 169     | 6795      | 15.0                  | 15.0                  | 18.0                        |
|                       | 173     | 6815      | 15.0                  | 15.0                  | 18.0                        |
|                       | 177     | 6835      | 15.0                  | 15.0                  | 18.0                        |
| 802.11be EHT40        | 181     | 6855      | 15.0                  | 15.0                  | 18.0                        |
|                       | 123     | 6565      | 15.0                  | 15.0                  | 18.0                        |
|                       | 131     | 6605      | 15.0                  | 15.0                  | 18.0                        |
|                       | 139     | 6645      | 15.0                  | 15.0                  | 18.0                        |
|                       | 147     | 6685      | 15.0                  | 15.0                  | 18.0                        |
|                       | 155     | 6725      | 15.0                  | 15.0                  | 18.0                        |
|                       | 163     | 6765      | 15.0                  | 15.0                  | 18.0                        |
|                       | 171     | 6805      | 15.0                  | 15.0                  | 18.0                        |
| 802.11be EHT80        | 179     | 6845      | 15.0                  | 15.0                  | 18.0                        |
|                       | 187     | 6885      | 15.0                  | 15.0                  | 18.0                        |
|                       | 135     | 6625      | 15.0                  | 15.0                  | 18.0                        |
|                       | 151     | 6705      | 15.0                  | 15.0                  | 18.0                        |
| 802.11be EHT160       | 167     | 6785      | 15.0                  | 15.0                  | 18.0                        |
|                       | 183     | 6865      | 15.0                  | 15.0                  | 18.0                        |
|                       | 143     | 6665      | 15.0                  | 15.0                  | 18.0                        |
|                       | 175     | 6825      | 15.0                  | 15.0                  | 18.0                        |

| Tune-up Power (2T)_LPI |         |           |                       |                       |                             |
|------------------------|---------|-----------|-----------------------|-----------------------|-----------------------------|
| UNII-5                 |         |           |                       |                       |                             |
| Mode                   | Channel | Frequency | MIMO Ant 0<br>Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 0+1<br>Max Tune up |
| 802.11a                | 1       | 5955      | 1.5                   | 1.5                   | 4.5                         |
|                        | 5       | 5975      | 1.5                   | 1.5                   | 4.5                         |
|                        | 9       | 5995      | 1.5                   | 1.5                   | 4.5                         |
|                        | 13      | 6015      | 1.5                   | 1.5                   | 4.5                         |
|                        | 17      | 6035      | 1.5                   | 1.5                   | 4.5                         |
|                        | 21      | 6055      | 1.5                   | 1.5                   | 4.5                         |
|                        | 25      | 6075      | 1.5                   | 1.5                   | 4.5                         |
|                        | 29      | 6095      | 1.5                   | 1.5                   | 4.5                         |
|                        | 33      | 6115      | 1.5                   | 1.5                   | 4.5                         |
|                        | 37      | 6135      | 1.5                   | 1.5                   | 4.5                         |
|                        | 41      | 6155      | 1.5                   | 1.5                   | 4.5                         |
|                        | 45      | 6175      | 1.5                   | 1.5                   | 4.5                         |
|                        | 49      | 6195      | 1.5                   | 1.5                   | 4.5                         |
|                        | 53      | 6215      | 1.5                   | 1.5                   | 4.5                         |
|                        | 57      | 6235      | 1.5                   | 1.5                   | 4.5                         |
|                        | 61      | 6255      | 1.5                   | 1.5                   | 4.5                         |
|                        | 65      | 6275      | 1.5                   | 1.5                   | 4.5                         |
|                        | 69      | 6295      | 1.5                   | 1.5                   | 4.5                         |
|                        | 73      | 6315      | 1.5                   | 1.5                   | 4.5                         |
|                        | 77      | 6335      | 1.5                   | 1.5                   | 4.5                         |
| 802.11ax HE20          | 81      | 6355      | 1.5                   | 1.5                   | 4.5                         |
|                        | 85      | 6375      | 1.5                   | 1.5                   | 4.5                         |
|                        | 89      | 6395      | 1.5                   | 1.5                   | 4.5                         |
|                        | 93      | 6415      | 1.5                   | 1.5                   | 4.5                         |
|                        | 1       | 5955      | 4.5                   | 4.5                   | 7.5                         |
|                        | 5       | 5975      | 4.5                   | 4.5                   | 7.5                         |
|                        | 9       | 5995      | 4.5                   | 4.5                   | 7.5                         |
|                        | 13      | 6015      | 4.5                   | 4.5                   | 7.5                         |
|                        | 17      | 6035      | 4.5                   | 4.5                   | 7.5                         |
|                        | 21      | 6055      | 4.5                   | 4.5                   | 7.5                         |
|                        | 25      | 6075      | 4.5                   | 4.5                   | 7.5                         |
|                        | 29      | 6095      | 4.5                   | 4.5                   | 7.5                         |
|                        | 33      | 6115      | 4.5                   | 4.5                   | 7.5                         |
|                        | 37      | 6135      | 4.5                   | 4.5                   | 7.5                         |
|                        | 41      | 6155      | 4.5                   | 4.5                   | 7.5                         |
|                        | 45      | 6175      | 4.5                   | 4.5                   | 7.5                         |
|                        | 49      | 6195      | 4.5                   | 4.5                   | 7.5                         |
|                        | 53      | 6215      | 4.5                   | 4.5                   | 7.5                         |
|                        | 57      | 6235      | 4.5                   | 4.5                   | 7.5                         |
|                        | 61      | 6255      | 4.5                   | 4.5                   | 7.5                         |
| 802.11ax HE40          | 65      | 6275      | 4.5                   | 4.5                   | 7.5                         |
|                        | 69      | 6295      | 4.5                   | 4.5                   | 7.5                         |
|                        | 73      | 6315      | 4.5                   | 4.5                   | 7.5                         |
|                        | 77      | 6335      | 4.5                   | 4.5                   | 7.5                         |
|                        | 81      | 6355      | 4.5                   | 4.5                   | 7.5                         |
|                        | 85      | 6375      | 4.5                   | 4.5                   | 7.5                         |
|                        | 89      | 6395      | 4.5                   | 4.5                   | 7.5                         |
|                        | 93      | 6415      | 4.5                   | 4.5                   | 7.5                         |
|                        | 3       | 5965      | 7.5                   | 7.5                   | 10.5                        |
|                        | 11      | 6005      | 7.5                   | 7.5                   | 10.5                        |
| 802.11ax HE80          | 19      | 6045      | 7.5                   | 7.5                   | 10.5                        |
|                        | 27      | 6085      | 7.5                   | 7.5                   | 10.5                        |
|                        | 35      | 6125      | 7.5                   | 7.5                   | 10.5                        |
|                        | 43      | 6165      | 7.5                   | 7.5                   | 10.5                        |
|                        | 51      | 6205      | 7.5                   | 7.5                   | 10.5                        |
|                        | 59      | 6245      | 7.5                   | 7.5                   | 10.5                        |
|                        | 67      | 6285      | 7.5                   | 7.5                   | 10.5                        |
|                        | 75      | 6325      | 7.5                   | 7.5                   | 10.5                        |
|                        | 83      | 6365      | 7.5                   | 7.5                   | 10.5                        |
|                        | 91      | 6405      | 7.5                   | 7.5                   | 10.5                        |
| 802.11ax HE160         | 7       | 5985      | 10.5                  | 10.5                  | 13.5                        |
|                        | 23      | 6065      | 10.5                  | 10.5                  | 13.5                        |
|                        | 39      | 6145      | 10.5                  | 10.5                  | 13.5                        |
|                        | 55      | 6225      | 10.5                  | 10.5                  | 13.5                        |
|                        | 71      | 6305      | 10.5                  | 10.5                  | 13.5                        |
|                        | 87      | 6385      | 10.5                  | 10.5                  | 13.5                        |
|                        | 15      | 6025      | 13.0                  | 13.0                  | 16.0                        |
|                        | 47      | 6185      | 13.0                  | 13.0                  | 16.0                        |
|                        | 79      | 6345      | 13.0                  | 13.0                  | 16.0                        |

| Tune-up Power (2T)_LPI |         |           |                       |                       |                             |
|------------------------|---------|-----------|-----------------------|-----------------------|-----------------------------|
| UNII-5                 |         |           |                       |                       |                             |
| Mode                   | Channel | Frequency | MIMO Ant 0<br>Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 0+1<br>Max Tune up |
| 802.11be EHT20         | 1       | 5955      | 4.5                   | 4.5                   | 7.5                         |
|                        | 5       | 5975      | 4.5                   | 4.5                   | 7.5                         |
|                        | 9       | 5995      | 4.5                   | 4.5                   | 7.5                         |
|                        | 13      | 6015      | 4.5                   | 4.5                   | 7.5                         |
|                        | 17      | 6035      | 4.5                   | 4.5                   | 7.5                         |
|                        | 21      | 6055      | 4.5                   | 4.5                   | 7.5                         |
|                        | 25      | 6075      | 4.5                   | 4.5                   | 7.5                         |
|                        | 29      | 6095      | 4.5                   | 4.5                   | 7.5                         |
|                        | 33      | 6115      | 4.5                   | 4.5                   | 7.5                         |
|                        | 37      | 6135      | 4.5                   | 4.5                   | 7.5                         |
|                        | 41      | 6155      | 4.5                   | 4.5                   | 7.5                         |
|                        | 45      | 6175      | 4.5                   | 4.5                   | 7.5                         |
|                        | 49      | 6195      | 4.5                   | 4.5                   | 7.5                         |
|                        | 53      | 6215      | 4.5                   | 4.5                   | 7.5                         |
|                        | 57      | 6235      | 4.5                   | 4.5                   | 7.5                         |
|                        | 61      | 6255      | 4.5                   | 4.5                   | 7.5                         |
|                        | 65      | 6275      | 4.5                   | 4.5                   | 7.5                         |
|                        | 69      | 6295      | 4.5                   | 4.5                   | 7.5                         |
|                        | 73      | 6315      | 4.5                   | 4.5                   | 7.5                         |
|                        | 77      | 6335      | 4.5                   | 4.5                   | 7.5                         |
| 802.11be EHT40         | 81      | 6355      | 4.5                   | 4.5                   | 7.5                         |
|                        | 85      | 6375      | 4.5                   | 4.5                   | 7.5                         |
|                        | 89      | 6395      | 4.5                   | 4.5                   | 7.5                         |
|                        | 93      | 6415      | 4.5                   | 4.5                   | 7.5                         |
|                        | 3       | 5965      | 7.5                   | 7.5                   | 10.5                        |
|                        | 11      | 6005      | 7.5                   | 7.5                   | 10.5                        |
|                        | 19      | 6045      | 7.5                   | 7.5                   | 10.5                        |
|                        | 27      | 6085      | 7.5                   | 7.5                   | 10.5                        |
|                        | 35      | 6125      | 7.5                   | 7.5                   | 10.5                        |
|                        | 43      | 6165      | 7.5                   | 7.5                   | 10.5                        |
| 802.11be EHT80         | 51      | 6205      | 7.5                   | 7.5                   | 10.5                        |
|                        | 59      | 6245      | 7.5                   | 7.5                   | 10.5                        |
|                        | 67      | 6285      | 7.5                   | 7.5                   | 10.5                        |
|                        | 75      | 6325      | 7.5                   | 7.5                   | 10.5                        |
|                        | 83      | 6365      | 7.5                   | 7.5                   | 10.5                        |
|                        | 91      | 6405      | 7.5                   | 7.5                   | 10.5                        |
| 802.11be EHT160        | 7       | 5985      | 10.5                  | 10.5                  | 13.5                        |
|                        | 23      | 6065      | 10.5                  | 10.5                  | 13.5                        |
|                        | 39      | 6145      | 10.5                  | 10.5                  | 13.5                        |
|                        | 55      | 6225      | 10.5                  | 10.5                  | 13.5                        |
|                        | 71      | 6305      | 10.5                  | 10.5                  | 13.5                        |
|                        | 87      | 6385      | 10.5                  | 10.5                  | 13.5                        |
|                        | 15      | 6025      | 13.0                  | 13.0                  | 16.0                        |
|                        | 47      | 6185      | 13.0                  | 13.0                  | 16.0                        |
|                        | 79      | 6345      | 13.0                  | 13.0                  | 16.0                        |

| Tune-up Power (2T)_LPI |         |           |                       |                       |                             |
|------------------------|---------|-----------|-----------------------|-----------------------|-----------------------------|
| UNII-6                 |         |           |                       |                       |                             |
| Mode                   | Channel | Frequency | MIMO Ant 0<br>Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 0+1<br>Max Tune up |
| 802.11a                | 97      | 6435      | 2.0                   | 2.0                   | 5.0                         |
|                        | 101     | 6455      | 2.0                   | 2.0                   | 5.0                         |
|                        | 105     | 6475      | 2.0                   | 2.0                   | 5.0                         |
|                        | 109     | 6495      | 2.0                   | 2.0                   | 5.0                         |
|                        | 113     | 6515      | 2.0                   | 2.0                   | 5.0                         |
| 802.11ax HE20          | 97      | 6435      | 4.5                   | 4.5                   | 7.5                         |
|                        | 101     | 6455      | 4.5                   | 4.5                   | 7.5                         |
|                        | 105     | 6475      | 4.5                   | 4.5                   | 7.5                         |
|                        | 109     | 6495      | 4.5                   | 4.5                   | 7.5                         |
|                        | 113     | 6515      | 4.5                   | 4.5                   | 7.5                         |
| 802.11ax HE40          | 99      | 6445      | 7.5                   | 7.5                   | 10.5                        |
|                        | 107     | 6485      | 7.5                   | 7.5                   | 10.5                        |
|                        | 115     | 6525      | 7.5                   | 7.5                   | 10.5                        |
| 802.11ax HE80          | 103     | 6465      | 10.5                  | 10.5                  | 13.5                        |
|                        | 119     | 6545      | 10.5                  | 10.5                  | 13.5                        |
| 802.11ax HE160         | 111     | 6505      | 13.0                  | 13.0                  | 16.0                        |
| 802.11be EHT20         | 97      | 6435      | 4.5                   | 4.5                   | 7.5                         |
|                        | 101     | 6455      | 4.5                   | 4.5                   | 7.5                         |
|                        | 105     | 6475      | 4.5                   | 4.5                   | 7.5                         |
|                        | 109     | 6495      | 4.5                   | 4.5                   | 7.5                         |
|                        | 113     | 6515      | 4.5                   | 4.5                   | 7.5                         |
| 802.11be EHT40         | 99      | 6445      | 7.5                   | 7.5                   | 10.5                        |
|                        | 107     | 6485      | 7.5                   | 7.5                   | 10.5                        |
|                        | 115     | 6525      | 7.5                   | 7.5                   | 10.5                        |
| 802.11be EHT80         | 103     | 6465      | 10.5                  | 10.5                  | 13.5                        |
|                        | 119     | 6545      | 10.5                  | 10.5                  | 13.5                        |
| 802.11be EHT160        | 111     | 6505      | 13.0                  | 13.0                  | 16.0                        |

| Tune-up Power (2T)_LPI |         |           |                       |                       |                             |
|------------------------|---------|-----------|-----------------------|-----------------------|-----------------------------|
| UNII-7                 |         |           |                       |                       |                             |
| Mode                   | Channel | Frequency | MIMO Ant 0<br>Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 0+1<br>Max Tune up |
| 802.11a                | 117     | 6535      | 1.5                   | 1.5                   | 4.5                         |
|                        | 121     | 6555      | 1.5                   | 1.5                   | 4.5                         |
|                        | 125     | 6575      | 1.5                   | 1.5                   | 4.5                         |
|                        | 129     | 6595      | 1.5                   | 1.5                   | 4.5                         |
|                        | 133     | 6615      | 1.5                   | 1.5                   | 4.5                         |
|                        | 137     | 6635      | 1.5                   | 1.5                   | 4.5                         |
|                        | 141     | 6655      | 1.5                   | 1.5                   | 4.5                         |
|                        | 145     | 6675      | 1.5                   | 1.5                   | 4.5                         |
|                        | 149     | 6695      | 1.5                   | 1.5                   | 4.5                         |
|                        | 153     | 6715      | 1.5                   | 1.5                   | 4.5                         |
|                        | 157     | 6735      | 1.5                   | 1.5                   | 4.5                         |
|                        | 161     | 6755      | 1.5                   | 1.5                   | 4.5                         |
|                        | 165     | 6775      | 1.5                   | 1.5                   | 4.5                         |
|                        | 169     | 6795      | 1.5                   | 1.5                   | 4.5                         |
|                        | 173     | 6815      | 1.5                   | 1.5                   | 4.5                         |
|                        | 177     | 6835      | 1.5                   | 1.5                   | 4.5                         |
|                        | 181     | 6855      | 1.5                   | 1.5                   | 4.5                         |
| 802.11ax HE20          | 117     | 6535      | 4.5                   | 4.5                   | 7.5                         |
|                        | 121     | 6555      | 4.5                   | 4.5                   | 7.5                         |
|                        | 125     | 6575      | 4.5                   | 4.5                   | 7.5                         |
|                        | 129     | 6595      | 4.5                   | 4.5                   | 7.5                         |
|                        | 133     | 6615      | 4.5                   | 4.5                   | 7.5                         |
|                        | 137     | 6635      | 4.5                   | 4.5                   | 7.5                         |
|                        | 141     | 6655      | 4.5                   | 4.5                   | 7.5                         |
|                        | 145     | 6675      | 4.5                   | 4.5                   | 7.5                         |
|                        | 149     | 6695      | 4.5                   | 4.5                   | 7.5                         |
|                        | 153     | 6715      | 4.5                   | 4.5                   | 7.5                         |
|                        | 157     | 6735      | 4.5                   | 4.5                   | 7.5                         |
|                        | 161     | 6755      | 4.5                   | 4.5                   | 7.5                         |
|                        | 165     | 6775      | 4.5                   | 4.5                   | 7.5                         |
|                        | 169     | 6795      | 4.5                   | 4.5                   | 7.5                         |
|                        | 173     | 6815      | 4.5                   | 4.5                   | 7.5                         |
|                        | 177     | 6835      | 4.5                   | 4.5                   | 7.5                         |
|                        | 181     | 6855      | 4.5                   | 4.5                   | 7.5                         |
| 802.11ax HE40          | 123     | 6565      | 7.5                   | 7.5                   | 10.5                        |
|                        | 131     | 6605      | 7.5                   | 7.5                   | 10.5                        |
|                        | 139     | 6645      | 7.5                   | 7.5                   | 10.5                        |
|                        | 147     | 6685      | 7.5                   | 7.5                   | 10.5                        |
|                        | 155     | 6725      | 7.5                   | 7.5                   | 10.5                        |
|                        | 163     | 6765      | 7.5                   | 7.5                   | 10.5                        |
|                        | 171     | 6805      | 7.5                   | 7.5                   | 10.5                        |
|                        | 179     | 6845      | 7.5                   | 7.5                   | 10.5                        |
|                        | 187     | 6885      | 7.5                   | 7.5                   | 10.5                        |
| 802.11ax HE80          | 135     | 6625      | 10.5                  | 10.5                  | 13.5                        |
|                        | 151     | 6705      | 10.5                  | 10.5                  | 13.5                        |
|                        | 167     | 6785      | 10.5                  | 10.5                  | 13.5                        |
|                        | 183     | 6865      | 10.5                  | 10.5                  | 13.5                        |
| 802.11ax HE160         | 143     | 6665      | 13.0                  | 13.0                  | 16.0                        |
|                        | 175     | 6825      | 13.0                  | 13.0                  | 16.0                        |

| Tune-up Power (2T)_LPI |         |           |                       |                       |                             |
|------------------------|---------|-----------|-----------------------|-----------------------|-----------------------------|
| UNII-7                 |         |           |                       |                       |                             |
| Mode                   | Channel | Frequency | MIMO Ant 0<br>Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 0+1<br>Max Tune up |
| 802.11be EHT20         | 117     | 6535      | 4.5                   | 4.5                   | 7.5                         |
|                        | 121     | 6555      | 4.5                   | 4.5                   | 7.5                         |
|                        | 125     | 6575      | 4.5                   | 4.5                   | 7.5                         |
|                        | 129     | 6595      | 4.5                   | 4.5                   | 7.5                         |
|                        | 133     | 6615      | 4.5                   | 4.5                   | 7.5                         |
|                        | 137     | 6635      | 4.5                   | 4.5                   | 7.5                         |
|                        | 141     | 6655      | 4.5                   | 4.5                   | 7.5                         |
|                        | 145     | 6675      | 4.5                   | 4.5                   | 7.5                         |
|                        | 149     | 6695      | 4.5                   | 4.5                   | 7.5                         |
|                        | 153     | 6715      | 4.5                   | 4.5                   | 7.5                         |
|                        | 157     | 6735      | 4.5                   | 4.5                   | 7.5                         |
|                        | 161     | 6755      | 4.5                   | 4.5                   | 7.5                         |
|                        | 165     | 6775      | 4.5                   | 4.5                   | 7.5                         |
|                        | 169     | 6795      | 4.5                   | 4.5                   | 7.5                         |
|                        | 173     | 6815      | 4.5                   | 4.5                   | 7.5                         |
|                        | 177     | 6835      | 4.5                   | 4.5                   | 7.5                         |
| 802.11be EHT40         | 181     | 6855      | 4.5                   | 4.5                   | 7.5                         |
|                        | 123     | 6565      | 7.5                   | 7.5                   | 10.5                        |
|                        | 131     | 6605      | 7.5                   | 7.5                   | 10.5                        |
|                        | 139     | 6645      | 7.5                   | 7.5                   | 10.5                        |
|                        | 147     | 6685      | 7.5                   | 7.5                   | 10.5                        |
|                        | 155     | 6725      | 7.5                   | 7.5                   | 10.5                        |
|                        | 163     | 6765      | 7.5                   | 7.5                   | 10.5                        |
|                        | 171     | 6805      | 7.5                   | 7.5                   | 10.5                        |
| 802.11be EHT80         | 179     | 6845      | 7.5                   | 7.5                   | 10.5                        |
|                        | 187     | 6885      | 7.5                   | 7.5                   | 10.5                        |
|                        | 135     | 6625      | 10.5                  | 10.5                  | 13.5                        |
|                        | 151     | 6705      | 10.5                  | 10.5                  | 13.5                        |
| 802.11be EHT160        | 167     | 6785      | 10.5                  | 10.5                  | 13.5                        |
|                        | 183     | 6865      | 10.5                  | 10.5                  | 13.5                        |
|                        | 143     | 6665      | 13.0                  | 13.0                  | 16.0                        |
|                        | 175     | 6825      | 13.0                  | 13.0                  | 16.0                        |

| Tune-up Power (2T)_LPI |         |           |                       |                       |                             |
|------------------------|---------|-----------|-----------------------|-----------------------|-----------------------------|
| UNII-8                 |         |           |                       |                       |                             |
| Mode                   | Channel | Frequency | MIMO Ant 0<br>Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 0+1<br>Max Tune up |
| 802.11a                | 185     | 6875      | 2.0                   | 2.0                   | 5.0                         |
|                        | 189     | 6895      | 2.0                   | 2.0                   | 5.0                         |
|                        | 193     | 6915      | 2.0                   | 2.0                   | 5.0                         |
|                        | 197     | 6935      | 2.0                   | 2.0                   | 5.0                         |
|                        | 201     | 6955      | 2.0                   | 2.0                   | 5.0                         |
|                        | 205     | 6975      | 2.0                   | 2.0                   | 5.0                         |
|                        | 209     | 6995      | 2.0                   | 2.0                   | 5.0                         |
|                        | 213     | 7015      | 2.0                   | 2.0                   | 5.0                         |
|                        | 217     | 7035      | 2.0                   | 2.0                   | 5.0                         |
|                        | 221     | 7055      | 2.0                   | 2.0                   | 5.0                         |
|                        | 225     | 7075      | 2.0                   | 2.0                   | 5.0                         |
|                        | 229     | 7095      | 2.0                   | 2.0                   | 5.0                         |
|                        | 233     | 7115      | 2.0                   | 2.0                   | 5.0                         |
| 802.11ax HE20          | 185     | 6875      | 4.5                   | 4.5                   | 7.5                         |
|                        | 189     | 6895      | 4.5                   | 4.5                   | 7.5                         |
|                        | 193     | 6915      | 4.5                   | 4.5                   | 7.5                         |
|                        | 197     | 6935      | 4.5                   | 4.5                   | 7.5                         |
|                        | 201     | 6955      | 4.5                   | 4.5                   | 7.5                         |
|                        | 205     | 6975      | 4.5                   | 4.5                   | 7.5                         |
|                        | 209     | 6995      | 4.5                   | 4.5                   | 7.5                         |
|                        | 213     | 7015      | 4.5                   | 4.5                   | 7.5                         |
|                        | 217     | 7035      | 4.5                   | 4.5                   | 7.5                         |
|                        | 221     | 7055      | 4.5                   | 4.5                   | 7.5                         |
|                        | 225     | 7075      | 4.5                   | 4.5                   | 7.5                         |
|                        | 229     | 7095      | 4.5                   | 4.5                   | 7.5                         |
|                        | 233     | 7115      | 4.5                   | 4.5                   | 7.5                         |
| 802.11ax HE40          | 195     | 6925      | 7.5                   | 7.5                   | 10.5                        |
|                        | 203     | 6965      | 7.5                   | 7.5                   | 10.5                        |
|                        | 211     | 7005      | 7.5                   | 7.5                   | 10.5                        |
|                        | 219     | 7045      | 7.5                   | 7.5                   | 10.5                        |
|                        | 227     | 7085      | 7.5                   | 7.5                   | 10.5                        |
| 802.11ax HE80          | 199     | 6945      | 10.5                  | 10.5                  | 13.5                        |
|                        | 215     | 7025      | 10.5                  | 10.5                  | 13.5                        |
| 802.11ax HE160         | 207     | 6985      | 13.0                  | 13.0                  | 16.0                        |
| 802.11be EHT20         | 185     | 6875      | 4.5                   | 4.5                   | 7.5                         |
|                        | 189     | 6895      | 4.5                   | 4.5                   | 7.5                         |
|                        | 193     | 6915      | 4.5                   | 4.5                   | 7.5                         |
|                        | 197     | 6935      | 4.5                   | 4.5                   | 7.5                         |
|                        | 201     | 6955      | 4.5                   | 4.5                   | 7.5                         |
|                        | 205     | 6975      | 4.5                   | 4.5                   | 7.5                         |
|                        | 209     | 6995      | 4.5                   | 4.5                   | 7.5                         |
|                        | 213     | 7015      | 4.5                   | 4.5                   | 7.5                         |
|                        | 217     | 7035      | 4.5                   | 4.5                   | 7.5                         |
|                        | 221     | 7055      | 4.5                   | 4.5                   | 7.5                         |
|                        | 225     | 7075      | 4.5                   | 4.5                   | 7.5                         |
|                        | 229     | 7095      | 4.5                   | 4.5                   | 7.5                         |
|                        | 233     | 7115      | 4.5                   | 4.5                   | 7.5                         |
| 802.11be EHT40         | 195     | 6925      | 7.5                   | 7.5                   | 10.5                        |
|                        | 203     | 6965      | 7.5                   | 7.5                   | 10.5                        |
|                        | 211     | 7005      | 7.5                   | 7.5                   | 10.5                        |
|                        | 219     | 7045      | 7.5                   | 7.5                   | 10.5                        |
|                        | 227     | 7085      | 7.5                   | 7.5                   | 10.5                        |
| 802.11be EHT80         | 199     | 6945      | 10.5                  | 10.5                  | 13.5                        |
|                        | 215     | 7025      | 10.5                  | 10.5                  | 13.5                        |
| 802.11be EHT160        | 207     | 6985      | 13.0                  | 13.0                  | 16.0                        |

| Tune-up Power (2T)_VLP |         |           |                       |                       |                             |
|------------------------|---------|-----------|-----------------------|-----------------------|-----------------------------|
| UNII-5                 |         |           |                       |                       |                             |
| Mode                   | Channel | Frequency | MIMO Ant 0<br>Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 0+1<br>Max Tune up |
| 802.11a                | 1       | 5955      | -3.0                  | -3.0                  | 0                           |
|                        | 5       | 5975      | -3.0                  | -3.0                  | 0                           |
|                        | 9       | 5995      | -3.0                  | -3.0                  | 0                           |
|                        | 13      | 6015      | -3.0                  | -3.0                  | 0                           |
|                        | 17      | 6035      | -3.0                  | -3.0                  | 0                           |
|                        | 21      | 6055      | -3.0                  | -3.0                  | 0                           |
|                        | 25      | 6075      | -3.0                  | -3.0                  | 0                           |
|                        | 29      | 6095      | -3.0                  | -3.0                  | 0                           |
|                        | 33      | 6115      | -3.0                  | -3.0                  | 0                           |
|                        | 37      | 6135      | -3.0                  | -3.0                  | 0                           |
|                        | 41      | 6155      | -3.0                  | -3.0                  | 0                           |
|                        | 45      | 6175      | -3.0                  | -3.0                  | 0                           |
|                        | 49      | 6195      | -3.0                  | -3.0                  | 0                           |
|                        | 53      | 6215      | -3.0                  | -3.0                  | 0                           |
|                        | 57      | 6235      | -3.0                  | -3.0                  | 0                           |
|                        | 61      | 6255      | -3.0                  | -3.0                  | 0                           |
|                        | 65      | 6275      | -3.0                  | -3.0                  | 0                           |
|                        | 69      | 6295      | -3.0                  | -3.0                  | 0                           |
|                        | 73      | 6315      | -3.0                  | -3.0                  | 0                           |
|                        | 77      | 6335      | -3.0                  | -3.0                  | 0                           |
|                        | 81      | 6355      | -3.0                  | -3.0                  | 0                           |
| 802.11ax HE20          | 85      | 6375      | -3.0                  | -3.0                  | 0                           |
|                        | 89      | 6395      | -3.0                  | -3.0                  | 0                           |
|                        | 93      | 6415      | -3.0                  | -3.0                  | 0                           |
|                        | 1       | 5955      | 0.0                   | 0.0                   | 3.0                         |
|                        | 5       | 5975      | 0.0                   | 0.0                   | 3.0                         |
|                        | 9       | 5995      | 0.0                   | 0.0                   | 3.0                         |
|                        | 13      | 6015      | 0.0                   | 0.0                   | 3.0                         |
|                        | 17      | 6035      | 0.0                   | 0.0                   | 3.0                         |
|                        | 21      | 6055      | 0.0                   | 0.0                   | 3.0                         |
|                        | 25      | 6075      | 0.0                   | 0.0                   | 3.0                         |
|                        | 29      | 6095      | 0.0                   | 0.0                   | 3.0                         |
|                        | 33      | 6115      | 0.0                   | 0.0                   | 3.0                         |
|                        | 37      | 6135      | 0.0                   | 0.0                   | 3.0                         |
|                        | 41      | 6155      | 0.0                   | 0.0                   | 3.0                         |
|                        | 45      | 6175      | 0.0                   | 0.0                   | 3.0                         |
|                        | 49      | 6195      | 0.0                   | 0.0                   | 3.0                         |
|                        | 53      | 6215      | 0.0                   | 0.0                   | 3.0                         |
|                        | 57      | 6235      | 0.0                   | 0.0                   | 3.0                         |
|                        | 61      | 6255      | 0.0                   | 0.0                   | 3.0                         |
|                        | 65      | 6275      | 0.0                   | 0.0                   | 3.0                         |
| 802.11ax HE40          | 69      | 6295      | 0.0                   | 0.0                   | 3.0                         |
|                        | 73      | 6315      | 0.0                   | 0.0                   | 3.0                         |
|                        | 77      | 6335      | 0.0                   | 0.0                   | 3.0                         |
|                        | 81      | 6355      | 0.0                   | 0.0                   | 3.0                         |
|                        | 85      | 6375      | 0.0                   | 0.0                   | 3.0                         |
|                        | 89      | 6395      | 0.0                   | 0.0                   | 3.0                         |
|                        | 93      | 6415      | 0.0                   | 0.0                   | 3.0                         |
|                        | 3       | 5965      | 3.0                   | 3.0                   | 6.0                         |
|                        | 11      | 6005      | 3.0                   | 3.0                   | 6.0                         |
|                        | 19      | 6045      | 3.0                   | 3.0                   | 6.0                         |
| 802.11ax HE80          | 27      | 6085      | 3.0                   | 3.0                   | 6.0                         |
|                        | 35      | 6125      | 3.0                   | 3.0                   | 6.0                         |
|                        | 43      | 6165      | 3.0                   | 3.0                   | 6.0                         |
|                        | 51      | 6205      | 3.0                   | 3.0                   | 6.0                         |
|                        | 59      | 6245      | 3.0                   | 3.0                   | 6.0                         |
|                        | 67      | 6285      | 3.0                   | 3.0                   | 6.0                         |
|                        | 75      | 6325      | 3.0                   | 3.0                   | 6.0                         |
|                        | 83      | 6365      | 3.0                   | 3.0                   | 6.0                         |
|                        | 91      | 6405      | 3.0                   | 3.0                   | 6.0                         |
|                        | 7       | 5985      | 6.0                   | 6.0                   | 9.0                         |
| 802.11ax HE160         | 23      | 6065      | 6.0                   | 6.0                   | 9.0                         |
|                        | 39      | 6145      | 6.0                   | 6.0                   | 9.0                         |
|                        | 55      | 6225      | 6.0                   | 6.0                   | 9.0                         |
|                        | 71      | 6305      | 6.0                   | 6.0                   | 9.0                         |
|                        | 87      | 6385      | 6.0                   | 6.0                   | 9.0                         |
|                        | 15      | 6025      | 6.5                   | 6.5                   | 9.5                         |
|                        | 47      | 6185      | 6.5                   | 6.5                   | 9.5                         |
|                        | 79      | 6345      | 6.5                   | 6.5                   | 9.5                         |

| Tune-up Power (2T)_VLP |         |           |                       |                       |                             |
|------------------------|---------|-----------|-----------------------|-----------------------|-----------------------------|
| UNII-5                 |         |           |                       |                       |                             |
| Mode                   | Channel | Frequency | MIMO Ant 0<br>Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 0+1<br>Max Tune up |
| 802.11be EHT20         | 1       | 5955      | 0.0                   | 0.0                   | 3.0                         |
|                        | 5       | 5975      | 0.0                   | 0.0                   | 3.0                         |
|                        | 9       | 5995      | 0.0                   | 0.0                   | 3.0                         |
|                        | 13      | 6015      | 0.0                   | 0.0                   | 3.0                         |
|                        | 17      | 6035      | 0.0                   | 0.0                   | 3.0                         |
|                        | 21      | 6055      | 0.0                   | 0.0                   | 3.0                         |
|                        | 25      | 6075      | 0.0                   | 0.0                   | 3.0                         |
|                        | 29      | 6095      | 0.0                   | 0.0                   | 3.0                         |
|                        | 33      | 6115      | 0.0                   | 0.0                   | 3.0                         |
|                        | 37      | 6135      | 0.0                   | 0.0                   | 3.0                         |
|                        | 41      | 6155      | 0.0                   | 0.0                   | 3.0                         |
|                        | 45      | 6175      | 0.0                   | 0.0                   | 3.0                         |
|                        | 49      | 6195      | 0.0                   | 0.0                   | 3.0                         |
|                        | 53      | 6215      | 0.0                   | 0.0                   | 3.0                         |
|                        | 57      | 6235      | 0.0                   | 0.0                   | 3.0                         |
|                        | 61      | 6255      | 0.0                   | 0.0                   | 3.0                         |
|                        | 65      | 6275      | 0.0                   | 0.0                   | 3.0                         |
|                        | 69      | 6295      | 0.0                   | 0.0                   | 3.0                         |
|                        | 73      | 6315      | 0.0                   | 0.0                   | 3.0                         |
|                        | 77      | 6335      | 0.0                   | 0.0                   | 3.0                         |
|                        | 81      | 6355      | 0.0                   | 0.0                   | 3.0                         |
|                        | 85      | 6375      | 0.0                   | 0.0                   | 3.0                         |
|                        | 89      | 6395      | 0.0                   | 0.0                   | 3.0                         |
|                        | 93      | 6415      | 0.0                   | 0.0                   | 3.0                         |
| 802.11be EHT40         | 3       | 5965      | 3.0                   | 3.0                   | 6.0                         |
|                        | 11      | 6005      | 3.0                   | 3.0                   | 6.0                         |
|                        | 19      | 6045      | 3.0                   | 3.0                   | 6.0                         |
|                        | 27      | 6085      | 3.0                   | 3.0                   | 6.0                         |
|                        | 35      | 6125      | 3.0                   | 3.0                   | 6.0                         |
|                        | 43      | 6165      | 3.0                   | 3.0                   | 6.0                         |
|                        | 51      | 6205      | 3.0                   | 3.0                   | 6.0                         |
|                        | 59      | 6245      | 3.0                   | 3.0                   | 6.0                         |
|                        | 67      | 6285      | 3.0                   | 3.0                   | 6.0                         |
|                        | 75      | 6325      | 3.0                   | 3.0                   | 6.0                         |
| 802.11be EHT80         | 83      | 6365      | 3.0                   | 3.0                   | 6.0                         |
|                        | 91      | 6405      | 3.0                   | 3.0                   | 6.0                         |
|                        | 7       | 5985      | 6.0                   | 6.0                   | 9.0                         |
|                        | 23      | 6065      | 6.0                   | 6.0                   | 9.0                         |
|                        | 39      | 6145      | 6.0                   | 6.0                   | 9.0                         |
| 802.11be EHT160        | 55      | 6225      | 6.0                   | 6.0                   | 9.0                         |
|                        | 71      | 6305      | 6.0                   | 6.0                   | 9.0                         |
|                        | 87      | 6385      | 6.0                   | 6.0                   | 9.0                         |
|                        | 15      | 6025      | 6.5                   | 6.5                   | 9.5                         |
|                        | 47      | 6185      | 6.5                   | 6.5                   | 9.5                         |
|                        | 79      | 6345      | 6.5                   | 6.5                   | 9.5                         |

| Tune-up Power (2T)_VLP |         |           |                       |                       |                             |
|------------------------|---------|-----------|-----------------------|-----------------------|-----------------------------|
| UNII-6                 |         |           |                       |                       |                             |
| Mode                   | Channel | Frequency | MIMO Ant 0<br>Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 0+1<br>Max Tune up |
| 802.11a                | 97      | 6435      | -2.5                  | -2.5                  | 0.5                         |
|                        | 101     | 6455      | -2.5                  | -2.5                  | 0.5                         |
|                        | 105     | 6475      | -2.5                  | -2.5                  | 0.5                         |
|                        | 109     | 6495      | -2.5                  | -2.5                  | 0.5                         |
|                        | 113     | 6515      | -2.5                  | -2.5                  | 0.5                         |
| 802.11ax HE20          | 97      | 6435      | 0.0                   | 0.0                   | 3.0                         |
|                        | 101     | 6455      | 0.0                   | 0.0                   | 3.0                         |
|                        | 105     | 6475      | 0.0                   | 0.0                   | 3.0                         |
|                        | 109     | 6495      | 0.0                   | 0.0                   | 3.0                         |
|                        | 113     | 6515      | 0.0                   | 0.0                   | 3.0                         |
| 802.11ax HE40          | 99      | 6445      | 3.5                   | 3.5                   | 6.5                         |
|                        | 107     | 6485      | 3.5                   | 3.5                   | 6.5                         |
|                        | 115     | 6525      | 3.5                   | 3.5                   | 6.5                         |
| 802.11ax HE80          | 103     | 6465      | 6.0                   | 6.0                   | 9.0                         |
|                        | 119     | 6545      | 6.0                   | 6.0                   | 9.0                         |
| 802.11ax HE160         | 111     | 6505      | 6.5                   | 6.5                   | 9.5                         |
| 802.11be EHT20         | 97      | 6435      | 0.5                   | 0.5                   | 3.5                         |
|                        | 101     | 6455      | 0.5                   | 0.5                   | 3.5                         |
|                        | 105     | 6475      | 0.5                   | 0.5                   | 3.5                         |
|                        | 109     | 6495      | 0.5                   | 0.5                   | 3.5                         |
|                        | 113     | 6515      | 0.5                   | 0.5                   | 3.5                         |
| 802.11be EHT40         | 99      | 6445      | 3.5                   | 3.5                   | 6.5                         |
|                        | 107     | 6485      | 3.5                   | 3.5                   | 6.5                         |
|                        | 115     | 6525      | 3.5                   | 3.5                   | 6.5                         |
| 802.11be EHT80         | 103     | 6465      | 6.0                   | 6.0                   | 9.0                         |
|                        | 119     | 6545      | 6.0                   | 6.0                   | 9.0                         |
| 802.11be EHT160        | 111     | 6505      | 7.0                   | 7.0                   | 10.0                        |

| Tune-up Power (2T)_VLP |         |           |                       |                       |                             |
|------------------------|---------|-----------|-----------------------|-----------------------|-----------------------------|
| UNII-7                 |         |           |                       |                       |                             |
| Mode                   | Channel | Frequency | MIMO Ant 0<br>Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 0+1<br>Max Tune up |
| 802.11a                | 117     | 6535      | -3.0                  | -3.0                  | 0                           |
|                        | 121     | 6555      | -3.0                  | -3.0                  | 0                           |
|                        | 125     | 6575      | -3.0                  | -3.0                  | 0                           |
|                        | 129     | 6595      | -3.0                  | -3.0                  | 0                           |
|                        | 133     | 6615      | -3.0                  | -3.0                  | 0                           |
|                        | 137     | 6635      | -3.0                  | -3.0                  | 0                           |
|                        | 141     | 6655      | -3.0                  | -3.0                  | 0                           |
|                        | 145     | 6675      | -3.0                  | -3.0                  | 0                           |
|                        | 149     | 6695      | -3.0                  | -3.0                  | 0                           |
|                        | 153     | 6715      | -3.0                  | -3.0                  | 0                           |
|                        | 157     | 6735      | -3.0                  | -3.0                  | 0                           |
|                        | 161     | 6755      | -3.0                  | -3.0                  | 0                           |
|                        | 165     | 6775      | -3.0                  | -3.0                  | 0                           |
|                        | 169     | 6795      | -3.0                  | -3.0                  | 0                           |
|                        | 173     | 6815      | -3.0                  | -3.0                  | 0                           |
|                        | 177     | 6835      | -3.0                  | -3.0                  | 0                           |
|                        | 181     | 6855      | -3.0                  | -3.0                  | 0                           |
| 802.11ax HE20          | 117     | 6535      | 0.0                   | 0.0                   | 3.0                         |
|                        | 121     | 6555      | 0.0                   | 0.0                   | 3.0                         |
|                        | 125     | 6575      | 0.0                   | 0.0                   | 3.0                         |
|                        | 129     | 6595      | 0.0                   | 0.0                   | 3.0                         |
|                        | 133     | 6615      | 0.0                   | 0.0                   | 3.0                         |
|                        | 137     | 6635      | 0.0                   | 0.0                   | 3.0                         |
|                        | 141     | 6655      | 0.0                   | 0.0                   | 3.0                         |
|                        | 145     | 6675      | 0.0                   | 0.0                   | 3.0                         |
|                        | 149     | 6695      | 0.0                   | 0.0                   | 3.0                         |
|                        | 153     | 6715      | 0.0                   | 0.0                   | 3.0                         |
|                        | 157     | 6735      | 0.0                   | 0.0                   | 3.0                         |
|                        | 161     | 6755      | 0.0                   | 0.0                   | 3.0                         |
|                        | 165     | 6775      | 0.0                   | 0.0                   | 3.0                         |
|                        | 169     | 6795      | 0.0                   | 0.0                   | 3.0                         |
|                        | 173     | 6815      | 0.0                   | 0.0                   | 3.0                         |
|                        | 177     | 6835      | 0.0                   | 0.0                   | 3.0                         |
|                        | 181     | 6855      | 0.5                   | 0.5                   | 3.5                         |
| 802.11ax HE40          | 123     | 6565      | 3.0                   | 3.0                   | 6.0                         |
|                        | 131     | 6605      | 3.0                   | 3.0                   | 6.0                         |
|                        | 139     | 6645      | 3.0                   | 3.0                   | 6.0                         |
|                        | 147     | 6685      | 3.0                   | 3.0                   | 6.0                         |
|                        | 155     | 6725      | 3.0                   | 3.0                   | 6.0                         |
|                        | 163     | 6765      | 3.0                   | 3.0                   | 6.0                         |
|                        | 171     | 6805      | 3.0                   | 3.0                   | 6.0                         |
|                        | 179     | 6845      | 3.0                   | 3.0                   | 6.0                         |
|                        | 187     | 6885      | 3.5                   | 3.5                   | 6.5                         |
| 802.11ax HE80          | 135     | 6625      | 5.0                   | 5.0                   | 8.0                         |
|                        | 151     | 6705      | 5.0                   | 5.0                   | 8.0                         |
|                        | 167     | 6785      | 5.0                   | 5.0                   | 8.0                         |
|                        | 183     | 6865      | 5.0                   | 5.0                   | 8.0                         |
| 802.11ax HE160         | 143     | 6665      | 6.5                   | 6.5                   | 9.5                         |
|                        | 175     | 6825      | 6.5                   | 6.5                   | 9.5                         |

| Tune-up Power (2T)_VLP |         |           |                       |                       |                             |
|------------------------|---------|-----------|-----------------------|-----------------------|-----------------------------|
| UNII-7                 |         |           |                       |                       |                             |
| Mode                   | Channel | Frequency | MIMO Ant 0<br>Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 0+1<br>Max Tune up |
| 802.11be EHT20         | 117     | 6535      | 0.0                   | 0.0                   | 3.0                         |
|                        | 121     | 6555      | 0.0                   | 0.0                   | 3.0                         |
|                        | 125     | 6575      | 0.0                   | 0.0                   | 3.0                         |
|                        | 129     | 6595      | 0.0                   | 0.0                   | 3.0                         |
|                        | 133     | 6615      | 0.0                   | 0.0                   | 3.0                         |
|                        | 137     | 6635      | 0.0                   | 0.0                   | 3.0                         |
|                        | 141     | 6655      | 0.0                   | 0.0                   | 3.0                         |
|                        | 145     | 6675      | 0.0                   | 0.0                   | 3.0                         |
|                        | 149     | 6695      | 0.0                   | 0.0                   | 3.0                         |
|                        | 153     | 6715      | 0.0                   | 0.0                   | 3.0                         |
|                        | 157     | 6735      | 0.0                   | 0.0                   | 3.0                         |
|                        | 161     | 6755      | 0.0                   | 0.0                   | 3.0                         |
|                        | 165     | 6775      | 0.0                   | 0.0                   | 3.0                         |
|                        | 169     | 6795      | 0.0                   | 0.0                   | 3.0                         |
|                        | 173     | 6815      | 0.0                   | 0.0                   | 3.0                         |
|                        | 177     | 6835      | 0.0                   | 0.0                   | 3.0                         |
|                        | 181     | 6855      | 0.5                   | 0.5                   | 3.5                         |
| 802.11be EHT40         | 123     | 6565      | 3.0                   | 3.0                   | 6.0                         |
|                        | 131     | 6605      | 3.0                   | 3.0                   | 6.0                         |
|                        | 139     | 6645      | 3.0                   | 3.0                   | 6.0                         |
|                        | 147     | 6685      | 3.0                   | 3.0                   | 6.0                         |
|                        | 155     | 6725      | 3.0                   | 3.0                   | 6.0                         |
|                        | 163     | 6765      | 3.0                   | 3.0                   | 6.0                         |
|                        | 171     | 6805      | 3.0                   | 3.0                   | 6.0                         |
|                        | 179     | 6845      | 3.0                   | 3.0                   | 6.0                         |
|                        | 187     | 6885      | 3.5                   | 3.5                   | 6.5                         |
| 802.11be EHT80         | 135     | 6625      | 5.0                   | 5.0                   | 8.0                         |
|                        | 151     | 6705      | 5.0                   | 5.0                   | 8.0                         |
|                        | 167     | 6785      | 5.0                   | 5.0                   | 8.0                         |
|                        | 183     | 6865      | 5.0                   | 5.0                   | 8.0                         |
| 802.11be EHT160        | 143     | 6665      | 6.5                   | 6.5                   | 9.5                         |
|                        | 175     | 6825      | 6.5                   | 6.5                   | 9.5                         |

| Tune-up Power (2T)_VLP |         |           |                       |                       |                             |
|------------------------|---------|-----------|-----------------------|-----------------------|-----------------------------|
| UNII-8                 |         |           |                       |                       |                             |
| Mode                   | Channel | Frequency | MIMO Ant 0<br>Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 0+1<br>Max Tune up |
| 802.11a                | 185     | 6875      | -2.5                  | -2.5                  | 0.5                         |
|                        | 189     | 6895      | -2.5                  | -2.5                  | 0.5                         |
|                        | 193     | 6915      | -2.5                  | -2.5                  | 0.5                         |
|                        | 197     | 6935      | -2.5                  | -2.5                  | 0.5                         |
|                        | 201     | 6955      | -2.5                  | -2.5                  | 0.5                         |
|                        | 205     | 6975      | -2.5                  | -2.5                  | 0.5                         |
|                        | 209     | 6995      | -2.5                  | -2.5                  | 0.5                         |
|                        | 213     | 7015      | -2.5                  | -2.5                  | 0.5                         |
|                        | 217     | 7035      | -2.5                  | -2.5                  | 0.5                         |
|                        | 221     | 7055      | -2.5                  | -2.5                  | 0.5                         |
|                        | 225     | 7075      | -2.5                  | -2.5                  | 0.5                         |
|                        | 229     | 7095      | -2.5                  | -2.5                  | 0.5                         |
|                        | 233     | 7115      | -2.5                  | -2.5                  | 0.5                         |
| 802.11ax HE20          | 185     | 6875      | 0.5                   | 0.5                   | 3.5                         |
|                        | 189     | 6895      | 0.5                   | 0.5                   | 3.5                         |
|                        | 193     | 6915      | 0.5                   | 0.5                   | 3.5                         |
|                        | 197     | 6935      | 0.5                   | 0.5                   | 3.5                         |
|                        | 201     | 6955      | 0.5                   | 0.5                   | 3.5                         |
|                        | 205     | 6975      | 0.5                   | 0.5                   | 3.5                         |
|                        | 209     | 6995      | 0.5                   | 0.5                   | 3.5                         |
|                        | 213     | 7015      | 0.5                   | 0.5                   | 3.5                         |
|                        | 217     | 7035      | 0.5                   | 0.5                   | 3.5                         |
|                        | 221     | 7055      | 0.5                   | 0.5                   | 3.5                         |
|                        | 225     | 7075      | 0.5                   | 0.5                   | 3.5                         |
|                        | 229     | 7095      | 0.5                   | 0.5                   | 3.5                         |
|                        | 233     | 7115      | 0.5                   | 0.5                   | 3.5                         |
| 802.11ax HE40          | 195     | 6925      | 3.0                   | 3.0                   | 6.0                         |
|                        | 203     | 6965      | 3.0                   | 3.0                   | 6.0                         |
|                        | 211     | 7005      | 3.0                   | 3.0                   | 6.0                         |
|                        | 219     | 7045      | 3.0                   | 3.0                   | 6.0                         |
|                        | 227     | 7085      | 3.0                   | 3.0                   | 6.0                         |
| 802.11ax HE80          | 199     | 6945      | 6.0                   | 6.0                   | 9.0                         |
|                        | 215     | 7025      | 6.0                   | 6.0                   | 9.0                         |
| 802.11ax HE160         | 207     | 6985      | 6.5                   | 6.5                   | 9.5                         |
| 802.11be EHT20         | 185     | 6875      | 1.0                   | 1.0                   | 4.0                         |
|                        | 189     | 6895      | 1.0                   | 1.0                   | 4.0                         |
|                        | 193     | 6915      | 1.0                   | 1.0                   | 4.0                         |
|                        | 197     | 6935      | 1.0                   | 1.0                   | 4.0                         |
|                        | 201     | 6955      | 1.0                   | 1.0                   | 4.0                         |
|                        | 205     | 6975      | 1.0                   | 1.0                   | 4.0                         |
|                        | 209     | 6995      | 1.0                   | 1.0                   | 4.0                         |
|                        | 213     | 7015      | 1.0                   | 1.0                   | 4.0                         |
|                        | 217     | 7035      | 1.0                   | 1.0                   | 4.0                         |
|                        | 221     | 7055      | 1.0                   | 1.0                   | 4.0                         |
|                        | 225     | 7075      | 1.0                   | 1.0                   | 4.0                         |
|                        | 229     | 7095      | 1.0                   | 1.0                   | 4.0                         |
|                        | 233     | 7115      | 1.0                   | 1.0                   | 4.0                         |
| 802.11be EHT40         | 195     | 6925      | 3.5                   | 3.5                   | 6.5                         |
|                        | 203     | 6965      | 3.5                   | 3.5                   | 6.5                         |
|                        | 211     | 7005      | 3.5                   | 3.5                   | 6.5                         |
|                        | 219     | 7045      | 3.5                   | 3.5                   | 6.5                         |
|                        | 227     | 7085      | 3.5                   | 3.5                   | 6.5                         |
| 802.11be EHT80         | 199     | 6945      | 6.0                   | 6.0                   | 9.0                         |
|                        | 215     | 7025      | 6.0                   | 6.0                   | 9.0                         |
| 802.11be EHT160        | 207     | 6985      | 7.0                   | 7.0                   | 10.0                        |

## Appendix E. Measured Conducted Power Result

The measuring conducted power (Unit: dBm) are shown as below.

| Conducted Power (1T1S) |         |           |                          |
|------------------------|---------|-----------|--------------------------|
| WLAN2.4GHz Ant 0       |         |           |                          |
| Mode                   | Channel | Frequency | SISO Ant 0<br>Avg. Power |
| 802.11b                | 1       | 2412      | 16.07                    |
|                        | 6       | 2437      | 16.08                    |
|                        | 11      | 2462      | 16.22                    |
|                        | 12      | 2467      | 16.06                    |
|                        | 13      | 2472      | 16                       |
| 802.11g                | 1       | 2412      | 16                       |
|                        | 6       | 2437      | 16.03                    |
|                        | 11      | 2462      | 16                       |
|                        | 12      | 2467      | 16.11                    |
|                        | 13      | 2472      | 16.06                    |
| 802.11n HT20           | 1       | 2412      | 16.1                     |
|                        | 6       | 2437      | 16.06                    |
|                        | 11      | 2462      | 16.07                    |
|                        | 12      | 2467      | 15.98                    |
|                        | 13      | 2472      | 16.01                    |
| 802.11n HT40           | 3       | 2422      | 16.13                    |
|                        | 6       | 2437      | 16.14                    |
|                        | 9       | 2452      | 16.04                    |
|                        | 10      | 2457      | 16.06                    |
|                        | 11      | 2462      | 15.98                    |
| 802.11ax HE20          | 1       | 2412      | 15.95                    |
|                        | 6       | 2437      | 16.04                    |
|                        | 11      | 2462      | 16.14                    |
|                        | 12      | 2467      | 15.99                    |
|                        | 13      | 2472      | 16.01                    |
| 802.11ax HE40          | 3       | 2422      | 16.06                    |
|                        | 6       | 2437      | 15.97                    |
|                        | 9       | 2452      | 16.01                    |
|                        | 10      | 2457      | 16.11                    |
|                        | 11      | 2462      | 15.97                    |
| 802.11be EHT20         | 1       | 2412      | 15.98                    |
|                        | 6       | 2437      | 16.08                    |
|                        | 11      | 2462      | 16.13                    |
|                        | 12      | 2467      | 16.01                    |
|                        | 13      | 2472      | 16.04                    |
| 802.11be EHT40         | 3       | 2422      | 16.08                    |
|                        | 6       | 2437      | 16.12                    |
|                        | 9       | 2452      | 16.13                    |
|                        | 10      | 2457      | 16.13                    |
|                        | 11      | 2462      | 16.02                    |

| Conducted Power (1T1S) |         |           |                          |
|------------------------|---------|-----------|--------------------------|
| WLAN2.4GHz Ant 1       |         |           |                          |
| Mode                   | Channel | Frequency | SISO Ant 1<br>Avg. Power |
| 802.11b                | 1       | 2412      | 16.09                    |
|                        | 6       | 2437      | 15.98                    |
|                        | 11      | 2462      | 16.19                    |
|                        | 12      | 2467      | 16.02                    |
|                        | 13      | 2472      | 16.09                    |
| 802.11g                | 1       | 2412      | 16.02                    |
|                        | 6       | 2437      | 16.11                    |
|                        | 11      | 2462      | 16.03                    |
|                        | 12      | 2467      | 15.95                    |
| 802.11n HT20           | 13      | 2472      | 16.04                    |
|                        | 1       | 2412      | 15.97                    |
|                        | 6       | 2437      | 16.02                    |
|                        | 11      | 2462      | 16.08                    |
|                        | 12      | 2467      | 15.99                    |
| 802.11n HT40           | 13      | 2472      | 16.03                    |
|                        | 3       | 2422      | 16.02                    |
|                        | 6       | 2437      | 16.05                    |
|                        | 9       | 2452      | 16.01                    |
|                        | 10      | 2457      | 16.11                    |
| 802.11ax HE20          | 11      | 2462      | 16                       |
|                        | 1       | 2412      | 16.04                    |
|                        | 6       | 2437      | 15.96                    |
|                        | 11      | 2462      | 16.14                    |
|                        | 12      | 2467      | 16.06                    |
| 802.11ax HE40          | 13      | 2472      | 16.1                     |
|                        | 3       | 2422      | 16.14                    |
|                        | 6       | 2437      | 16.04                    |
|                        | 9       | 2452      | 16.01                    |
|                        | 10      | 2457      | 16.06                    |
| 802.11be EHT20         | 11      | 2462      | 15.98                    |
|                        | 1       | 2412      | 16.03                    |
|                        | 6       | 2437      | 16.09                    |
|                        | 11      | 2462      | 16                       |
|                        | 12      | 2467      | 16.11                    |
| 802.11be EHT40         | 13      | 2472      | 16.07                    |
|                        | 3       | 2422      | 16.05                    |
|                        | 6       | 2437      | 16.04                    |
|                        | 9       | 2452      | 16.11                    |
|                        | 10      | 2457      | 16.09                    |
|                        | 11      | 2462      | 16.11                    |

| Conducted Power (1T1S) |         |           |                          |
|------------------------|---------|-----------|--------------------------|
| Bluetooth Ant 1        |         |           |                          |
| Mode                   | Channel | Frequency | SISO Ant 1<br>Avg. Power |
| BR / EDR               | 0       | 2402      | 12.59                    |
|                        | 39      | 2441      | 12.67                    |
|                        | 78      | 2480      | 12.63                    |
| LE                     | 0       | 2402      | 12.54                    |
|                        | 19      | 2440      | 12.57                    |
|                        | 39      | 2480      | 12.51                    |

| Conducted Power (1T1S) |         |           |                          |
|------------------------|---------|-----------|--------------------------|
| WLAN 5.2GHz Ant 0      |         |           |                          |
| Mode                   | Channel | Frequency | SISO Ant 0<br>Avg. Power |
| 802.11a                | 36      | 5180      | 15.09                    |
|                        | 40      | 5200      | 14.94                    |
|                        | 44      | 5220      | 15.03                    |
|                        | 48      | 5240      | 15.1                     |
| 802.11n HT20           | 36      | 5180      | 15.1                     |
|                        | 40      | 5200      | 14.96                    |
|                        | 44      | 5220      | 14.96                    |
|                        | 48      | 5240      | 14.93                    |
| 802.11n HT40           | 38      | 5190      | 14.99                    |
|                        | 46      | 5230      | 14.92                    |
| 802.11ac VHT20         | 36      | 5180      | 15.05                    |
|                        | 40      | 5200      | 15.07                    |
|                        | 44      | 5220      | 14.95                    |
|                        | 48      | 5240      | 15.04                    |
| 802.11ac VHT40         | 38      | 5190      | 15.07                    |
|                        | 46      | 5230      | 15.07                    |
| 802.11ac VHT80         | 42      | 5210      | 15.11                    |
| 802.11ax HE20          | 36      | 5180      | 14.92                    |
|                        | 40      | 5200      | 14.95                    |
|                        | 44      | 5220      | 14.97                    |
|                        | 48      | 5240      | 15.06                    |
| 802.11ax HE40          | 38      | 5190      | 15.01                    |
|                        | 46      | 5230      | 15.05                    |
| 802.11ax HE80          | 42      | 5210      | 15.07                    |
| 802.11be EHT20         | 36      | 5180      | 14.97                    |
|                        | 40      | 5200      | 14.97                    |
|                        | 44      | 5220      | 15.01                    |
|                        | 48      | 5240      | 14.95                    |
| 802.11be EHT40         | 38      | 5190      | 14.93                    |
|                        | 46      | 5230      | 15.08                    |
| 802.11be EHT80         | 42      | 5210      | 14.95                    |

| Conducted Power (1T1S) |         |           |                          |
|------------------------|---------|-----------|--------------------------|
| WLAN 5.2GHz Ant 1      |         |           |                          |
| Mode                   | Channel | Frequency | SISO Ant 1<br>Avg. Power |
| 802.11a                | 36      | 5180      | 14.95                    |
|                        | 40      | 5200      | 15.02                    |
|                        | 44      | 5220      | 14.9                     |
|                        | 48      | 5240      | 15.04                    |
| 802.11n HT20           | 36      | 5180      | 14.98                    |
|                        | 40      | 5200      | 14.92                    |
|                        | 44      | 5220      | 14.98                    |
|                        | 48      | 5240      | 14.91                    |
| 802.11n HT40           | 38      | 5190      | 14.94                    |
|                        | 46      | 5230      | 14.93                    |
| 802.11ac VHT20         | 36      | 5180      | 15.02                    |
|                        | 40      | 5200      | 15                       |
|                        | 44      | 5220      | 14.95                    |
|                        | 48      | 5240      | 15.08                    |
| 802.11ac VHT40         | 38      | 5190      | 15                       |
|                        | 46      | 5230      | 14.94                    |
| 802.11ac VHT80         | 42      | 5210      | 15.13                    |
| 802.11ax HE20          | 36      | 5180      | 14.92                    |
|                        | 40      | 5200      | 14.99                    |
|                        | 44      | 5220      | 15.01                    |
|                        | 48      | 5240      | 15.03                    |
| 802.11ax HE40          | 38      | 5190      | 14.95                    |
|                        | 46      | 5230      | 14.97                    |
| 802.11ax HE80          | 42      | 5210      | 15.06                    |
| 802.11be EHT20         | 36      | 5180      | 14.9                     |
|                        | 40      | 5200      | 14.97                    |
|                        | 44      | 5220      | 14.93                    |
|                        | 48      | 5240      | 15.04                    |
| 802.11be EHT40         | 38      | 5190      | 15.05                    |
|                        | 46      | 5230      | 15.01                    |
| 802.11be EHT80         | 42      | 5210      | 15.1                     |

| Conducted Power (1T1S) |         |           |                          |
|------------------------|---------|-----------|--------------------------|
| WLAN 5.3GHz Ant 0      |         |           |                          |
| Mode                   | Channel | Frequency | SISO Ant 0<br>Avg. Power |
| 802.11a                | 52      | 5260      | 15                       |
|                        | 56      | 5280      | 15.08                    |
|                        | 60      | 5300      | 14.94                    |
|                        | 64      | 5320      | 15.02                    |
| 802.11n HT20           | 52      | 5260      | 14.94                    |
|                        | 56      | 5280      | 15.05                    |
|                        | 60      | 5300      | 15.1                     |
|                        | 64      | 5320      | 14.97                    |
| 802.11n HT40           | 54      | 5270      | 15.03                    |
|                        | 62      | 5310      | 15.04                    |
| 802.11ac VHT20         | 52      | 5260      | 15.04                    |
|                        | 56      | 5280      | 15.09                    |
|                        | 60      | 5300      | 14.9                     |
|                        | 64      | 5320      | 14.96                    |
| 802.11ac VHT40         | 54      | 5270      | 15.07                    |
|                        | 62      | 5310      | 14.93                    |
| 802.11ac VHT80         | 58      | 5290      | 15.03                    |
| 802.11ac VHT160        | 50      | 5250      | 15.21                    |
| 802.11ax HE20          | 52      | 5260      | 15.06                    |
|                        | 56      | 5280      | 14.96                    |
|                        | 60      | 5300      | 14.9                     |
|                        | 64      | 5320      | 15.04                    |
| 802.11ax HE40          | 54      | 5270      | 14.94                    |
|                        | 62      | 5310      | 14.9                     |
| 802.11ax HE80          | 58      | 5290      | 14.94                    |
| 802.11ax HE160         | 50      | 5250      | 15.05                    |
| 802.11be EHT20         | 52      | 5260      | 14.92                    |
|                        | 56      | 5280      | 15.07                    |
|                        | 60      | 5300      | 15.1                     |
|                        | 64      | 5320      | 14.97                    |
| 802.11be EHT40         | 54      | 5270      | 15.1                     |
|                        | 62      | 5310      | 15.04                    |
| 802.11be EHT80         | 58      | 5290      | 15                       |
| 802.11be EHT160        | 50      | 5250      | 15                       |

| Conducted Power (1T1S) |         |           |                          |
|------------------------|---------|-----------|--------------------------|
| WLAN 5.3GHz Ant 1      |         |           |                          |
| Mode                   | Channel | Frequency | SISO Ant 1<br>Avg. Power |
| 802.11a                | 52      | 5260      | 14.9                     |
|                        | 56      | 5280      | 15.01                    |
|                        | 60      | 5300      | 14.97                    |
|                        | 64      | 5320      | 15.01                    |
| 802.11n HT20           | 52      | 5260      | 15.07                    |
|                        | 56      | 5280      | 15.04                    |
|                        | 60      | 5300      | 15.02                    |
|                        | 64      | 5320      | 15.05                    |
| 802.11n HT40           | 54      | 5270      | 15.08                    |
|                        | 62      | 5310      | 14.97                    |
| 802.11ac VHT20         | 52      | 5260      | 15.03                    |
|                        | 56      | 5280      | 15.02                    |
|                        | 60      | 5300      | 14.95                    |
|                        | 64      | 5320      | 15.05                    |
| 802.11ac VHT40         | 54      | 5270      | 15.1                     |
|                        | 62      | 5310      | 15.01                    |
| 802.11ac VHT80         | 58      | 5290      | 14.93                    |
| 802.11ac VHT160        | 50      | 5250      | 15.17                    |
| 802.11ax HE20          | 52      | 5260      | 15.04                    |
|                        | 56      | 5280      | 14.94                    |
|                        | 60      | 5300      | 15                       |
|                        | 64      | 5320      | 14.96                    |
| 802.11ax HE40          | 54      | 5270      | 15                       |
|                        | 62      | 5310      | 14.99                    |
| 802.11ax HE80          | 58      | 5290      | 14.94                    |
| 802.11ax HE160         | 50      | 5250      | 15.06                    |
| 802.11be EHT20         | 52      | 5260      | 14.98                    |
|                        | 56      | 5280      | 15.02                    |
|                        | 60      | 5300      | 14.92                    |
|                        | 64      | 5320      | 15.1                     |
| 802.11be EHT40         | 54      | 5270      | 14.94                    |
|                        | 62      | 5310      | 15.03                    |
| 802.11be EHT80         | 58      | 5290      | 14.97                    |
| 802.11be EHT160        | 50      | 5250      | 14.91                    |

| Conducted Power (1T1S) |         |           |                          |
|------------------------|---------|-----------|--------------------------|
| WLAN 5.6GHz Ant 0      |         |           |                          |
| Mode                   | Channel | Frequency | SISO Ant 0<br>Avg. Power |
| 802.11a                | 100     | 5500      | 15.02                    |
|                        | 116     | 5580      | 14.98                    |
|                        | 120     | 5600      | 14.9                     |
|                        | 124     | 5620      | 14.86                    |
|                        | 132     | 5660      | 14.86                    |
|                        | 140     | 5700      | 14.9                     |
|                        | 144     | 5720      | 14.81                    |
| 802.11n HT20           | 100     | 5500      | 15.05                    |
|                        | 116     | 5580      | 14.86                    |
|                        | 120     | 5600      | 14.85                    |
|                        | 124     | 5620      | 14.91                    |
|                        | 132     | 5660      | 14.95                    |
|                        | 140     | 5700      | 14.8                     |
|                        | 144     | 5720      | 14.85                    |
| 802.11n HT40           | 102     | 5510      | 14.83                    |
|                        | 110     | 5550      | 14.8                     |
|                        | 118     | 5590      | 14.89                    |
|                        | 126     | 5630      | 14.89                    |
|                        | 134     | 5670      | 14.98                    |
|                        | 142     | 5710      | 14.85                    |
|                        |         |           |                          |
| 802.11ac VHT20         | 100     | 5500      | 14.98                    |
|                        | 116     | 5580      | 14.89                    |
|                        | 120     | 5600      | 15.04                    |
|                        | 124     | 5620      | 14.83                    |
|                        | 132     | 5660      | 14.89                    |
|                        | 140     | 5700      | 14.83                    |
|                        | 144     | 5720      | 14.91                    |
| 802.11ac VHT40         | 102     | 5510      | 15                       |
|                        | 110     | 5550      | 15                       |
|                        | 118     | 5590      | 14.83                    |
|                        | 126     | 5630      | 15.04                    |
|                        | 134     | 5670      | 14.85                    |
|                        | 142     | 5710      | 14.88                    |
|                        |         |           |                          |
| 802.11ac VHT80         | 106     | 5530      | 15.03                    |
|                        | 122     | 5610      | 15.01                    |
|                        | 138     | 5690      | 15.06                    |
| 802.11ac VHT160        | 114     | 5570      | 14.95                    |
| 802.11ax HE20          | 100     | 5500      | 14.89                    |
|                        | 116     | 5580      | 14.89                    |
|                        | 120     | 5600      | 14.98                    |
|                        | 124     | 5620      | 14.83                    |
|                        | 132     | 5660      | 14.83                    |
|                        | 140     | 5700      | 14.99                    |
|                        | 144     | 5720      | 15.04                    |
| 802.11ax HE40          | 102     | 5510      | 15.05                    |
|                        | 110     | 5550      | 14.98                    |
|                        | 118     | 5590      | 14.9                     |
|                        | 126     | 5630      | 15.05                    |
|                        | 134     | 5670      | 15.02                    |
|                        | 142     | 5710      | 14.83                    |
|                        |         |           |                          |
| 802.11ax HE80          | 106     | 5530      | 14.94                    |
|                        | 122     | 5610      | 14.84                    |
|                        | 138     | 5690      | 14.83                    |
| 802.11ax HE160         | 114     | 5570      | 15                       |
| 802.11be EHT20         | 100     | 5500      | 14.99                    |
|                        | 116     | 5580      | 14.82                    |
|                        | 120     | 5600      | 14.8                     |
|                        | 124     | 5620      | 14.89                    |
|                        | 132     | 5660      | 14.81                    |
|                        | 140     | 5700      | 14.81                    |
|                        | 144     | 5720      | 14.86                    |
| 802.11be EHT40         | 102     | 5510      | 15                       |
|                        | 110     | 5550      | 14.96                    |
|                        | 118     | 5590      | 14.94                    |
|                        | 126     | 5630      | 14.8                     |
|                        | 134     | 5670      | 14.91                    |
|                        | 142     | 5710      | 15.02                    |
|                        |         |           |                          |
| 802.11be EHT80         | 106     | 5530      | 14.82                    |
|                        | 122     | 5610      | 15.05                    |
|                        | 138     | 5690      | 14.83                    |
| 802.11be EHT160        | 114     | 5570      | 14.93                    |

| Conducted Power (1T1S) |         |           |                          |
|------------------------|---------|-----------|--------------------------|
| WLAN 5.6GHz Ant 1      |         |           |                          |
| Mode                   | Channel | Frequency | SISO Ant 1<br>Avg. Power |
| 802.11a                | 100     | 5500      | 14.94                    |
|                        | 116     | 5580      | 14.85                    |
|                        | 120     | 5600      | 14.88                    |
|                        | 124     | 5620      | 15                       |
|                        | 132     | 5660      | 14.8                     |
|                        | 140     | 5700      | 14.8                     |
|                        | 144     | 5720      | 14.91                    |
| 802.11n HT20           | 100     | 5500      | 15.03                    |
|                        | 116     | 5580      | 14.94                    |
|                        | 120     | 5600      | 14.94                    |
|                        | 124     | 5620      | 14.96                    |
|                        | 132     | 5660      | 14.99                    |
|                        | 140     | 5700      | 14.92                    |
|                        | 144     | 5720      | 15                       |
| 802.11n HT40           | 102     | 5510      | 14.8                     |
|                        | 110     | 5550      | 14.81                    |
|                        | 118     | 5590      | 14.85                    |
|                        | 126     | 5630      | 14.87                    |
|                        | 134     | 5670      | 14.92                    |
|                        | 142     | 5710      | 14.84                    |
| 802.11ac VHT20         | 100     | 5500      | 14.89                    |
|                        | 116     | 5580      | 14.89                    |
|                        | 120     | 5600      | 14.82                    |
|                        | 124     | 5620      | 14.9                     |
|                        | 132     | 5660      | 14.81                    |
|                        | 140     | 5700      | 14.9                     |
|                        | 144     | 5720      | 14.91                    |
| 802.11ac VHT40         | 102     | 5510      | 14.87                    |
|                        | 110     | 5550      | 14.93                    |
|                        | 118     | 5590      | 14.93                    |
|                        | 126     | 5630      | 14.81                    |
|                        | 134     | 5670      | 14.8                     |
|                        | 142     | 5710      | 15                       |
| 802.11ac VHT80         | 106     | 5530      | 15.04                    |
|                        | 122     | 5610      | 15                       |
|                        | 138     | 5690      | 15.05                    |
| 802.11ac VHT160        | 114     | 5570      | 14.97                    |
| 802.11ax HE20          | 100     | 5500      | 14.82                    |
|                        | 116     | 5580      | 14.9                     |
|                        | 120     | 5600      | 15                       |
|                        | 124     | 5620      | 14.81                    |
|                        | 132     | 5660      | 14.94                    |
|                        | 140     | 5700      | 14.98                    |
|                        | 144     | 5720      | 15                       |
| 802.11ax HE40          | 102     | 5510      | 14.96                    |
|                        | 110     | 5550      | 14.86                    |
|                        | 118     | 5590      | 14.99                    |
|                        | 126     | 5630      | 14.85                    |
|                        | 134     | 5670      | 14.94                    |
|                        | 142     | 5710      | 15.04                    |
| 802.11ax HE80          | 106     | 5530      | 15.03                    |
|                        | 122     | 5610      | 14.93                    |
|                        | 138     | 5690      | 14.89                    |
| 802.11ax HE160         | 114     | 5570      | 14.82                    |
| 802.11be EHT20         | 100     | 5500      | 14.87                    |
|                        | 116     | 5580      | 14.98                    |
|                        | 120     | 5600      | 15.03                    |
|                        | 124     | 5620      | 14.86                    |
|                        | 132     | 5660      | 14.99                    |
|                        | 140     | 5700      | 15                       |
|                        | 144     | 5720      | 15.01                    |
| 802.11be EHT40         | 102     | 5510      | 14.99                    |
|                        | 110     | 5550      | 14.92                    |
|                        | 118     | 5590      | 14.8                     |
|                        | 126     | 5630      | 14.82                    |
|                        | 134     | 5670      | 15.02                    |
|                        | 142     | 5710      | 14.94                    |
| 802.11be EHT80         | 106     | 5530      | 14.99                    |
|                        | 122     | 5610      | 14.86                    |
|                        | 138     | 5690      | 14.99                    |
| 802.11be EHT160        | 114     | 5570      | 14.83                    |

| Conducted Power (1T1S) |         |           |                          |
|------------------------|---------|-----------|--------------------------|
| WLAN 5.8GHz Ant 0      |         |           |                          |
| Mode                   | Channel | Frequency | SISO Ant 0<br>Avg. Power |
| 802.11a                | 149     | 5745      | 15.05                    |
|                        | 153     | 5765      | 14.89                    |
|                        | 157     | 5785      | 15.06                    |
|                        | 161     | 5805      | 15.07                    |
|                        | 165     | 5825      | 14.94                    |
| 802.11n HT20           | 149     | 5745      | 15.1                     |
|                        | 153     | 5765      | 15.05                    |
|                        | 157     | 5785      | 15.05                    |
|                        | 161     | 5805      | 15.06                    |
|                        | 165     | 5825      | 14.9                     |
| 802.11n HT40           | 151     | 5755      | 14.95                    |
|                        | 159     | 5795      | 14.95                    |
| 802.11ac VHT20         | 149     | 5745      | 14.97                    |
|                        | 153     | 5765      | 15.1                     |
|                        | 157     | 5785      | 14.87                    |
|                        | 161     | 5805      | 15.06                    |
|                        | 165     | 5825      | 14.93                    |
| 802.11ac VHT40         | 151     | 5755      | 14.96                    |
|                        | 159     | 5795      | 14.91                    |
| 802.11ac VHT80         | 155     | 5775      | 15.13                    |
| 802.11ax HE20          | 149     | 5745      | 14.85                    |
|                        | 153     | 5765      | 15.01                    |
|                        | 157     | 5785      | 14.95                    |
|                        | 161     | 5805      | 14.89                    |
|                        | 165     | 5825      | 15.03                    |
| 802.11ax HE40          | 151     | 5755      | 14.91                    |
|                        | 159     | 5795      | 14.98                    |
| 802.11ax HE80          | 155     | 5775      | 15.02                    |
| 802.11be EHT20         | 149     | 5745      | 15.1                     |
|                        | 153     | 5765      | 15                       |
|                        | 157     | 5785      | 15.03                    |
|                        | 161     | 5805      | 15.06                    |
|                        | 165     | 5825      | 14.88                    |
| 802.11be EHT40         | 151     | 5755      | 14.95                    |
|                        | 159     | 5795      | 15.05                    |
| 802.11be EHT80         | 155     | 5775      | 15                       |

| Conducted Power (1T1S) |         |           |                          |
|------------------------|---------|-----------|--------------------------|
| WLAN 5.8GHz Ant 1      |         |           |                          |
| Mode                   | Channel | Frequency | SISO Ant 1<br>Avg. Power |
| 802.11a                | 149     | 5745      | 14.93                    |
|                        | 153     | 5765      | 14.94                    |
|                        | 157     | 5785      | 14.89                    |
|                        | 161     | 5805      | 14.93                    |
|                        | 165     | 5825      | 14.81                    |
| 802.11n HT20           | 149     | 5745      | 14.97                    |
|                        | 153     | 5765      | 14.96                    |
|                        | 157     | 5785      | 14.89                    |
|                        | 161     | 5805      | 14.91                    |
|                        | 165     | 5825      | 14.89                    |
| 802.11n HT40           | 151     | 5755      | 14.85                    |
|                        | 159     | 5795      | 14.83                    |
| 802.11ac VHT20         | 149     | 5745      | 14.81                    |
|                        | 153     | 5765      | 14.94                    |
|                        | 157     | 5785      | 14.95                    |
|                        | 161     | 5805      | 14.83                    |
|                        | 165     | 5825      | 14.85                    |
| 802.11ac VHT40         | 151     | 5755      | 14.98                    |
|                        | 159     | 5795      | 14.89                    |
| 802.11ac VHT80         | 155     | 5775      | 14.99                    |
| 802.11ax HE20          | 149     | 5745      | 14.93                    |
|                        | 153     | 5765      | 14.94                    |
|                        | 157     | 5785      | 14.83                    |
|                        | 161     | 5805      | 14.98                    |
|                        | 165     | 5825      | 14.97                    |
| 802.11ax HE40          | 151     | 5755      | 14.87                    |
|                        | 159     | 5795      | 14.97                    |
| 802.11ax HE80          | 155     | 5775      | 14.83                    |
| 802.11be EHT20         | 149     | 5745      | 14.82                    |
|                        | 153     | 5765      | 14.97                    |
|                        | 157     | 5785      | 14.97                    |
|                        | 161     | 5805      | 14.91                    |
|                        | 165     | 5825      | 14.8                     |
| 802.11be EHT40         | 151     | 5755      | 14.88                    |
|                        | 159     | 5795      | 14.91                    |
| 802.11be EHT80         | 155     | 5775      | 14.83                    |

| Conducted Power (1T1S) |         |           |                          |
|------------------------|---------|-----------|--------------------------|
| WLAN 5.9GHz Ant 0      |         |           |                          |
| Mode                   | Channel | Frequency | SISO Ant 0<br>Avg. Power |
| 802.11a                | 169     | 5845      | 14.88                    |
|                        | 173     | 5865      | 14.87                    |
|                        | 177     | 5885      | 14.81                    |
| 802.11n HT20           | 169     | 5845      | 14.9                     |
|                        | 173     | 5865      | 14.91                    |
|                        | 177     | 5885      | 14.9                     |
| 802.11n HT40           | 167     | 5835      | 14.88                    |
|                        | 175     | 5875      | 14.93                    |
| 802.11ac VHT20         | 169     | 5845      | 14.86                    |
|                        | 173     | 5865      | 14.88                    |
|                        | 177     | 5885      | 14.81                    |
| 802.11ac VHT40         | 167     | 5835      | 14.95                    |
|                        | 175     | 5875      | 14.84                    |
| 802.11ac VHT80         | 171     | 5855      | 14.84                    |
| 802.11ac VHT160        | 163     | 5815      | 15.01                    |
| 802.11ax HE20          | 169     | 5845      | 14.88                    |
|                        | 173     | 5865      | 14.88                    |
|                        | 177     | 5885      | 14.89                    |
| 802.11ax HE40          | 167     | 5835      | 14.89                    |
|                        | 175     | 5875      | 14.95                    |
| 802.11ax HE80          | 171     | 5855      | 14.84                    |
| 802.11ax HE160         | 163     | 5815      | 14.92                    |
| 802.11be EHT20         | 169     | 5845      | 14.87                    |
|                        | 173     | 5865      | 14.89                    |
|                        | 177     | 5885      | 14.87                    |
| 802.11be EHT40         | 167     | 5835      | 14.91                    |
|                        | 175     | 5875      | 14.91                    |
| 802.11be EHT80         | 171     | 5855      | 14.9                     |
| 802.11be EHT160        | 163     | 5815      | 14.84                    |

| Conducted Power (1T1S) |         |           |                          |
|------------------------|---------|-----------|--------------------------|
| WLAN 5.9GHz Ant 1      |         |           |                          |
| Mode                   | Channel | Frequency | SISO Ant 1<br>Avg. Power |
| 802.11a                | 169     | 5845      | 14.9                     |
|                        | 173     | 5865      | 14.89                    |
|                        | 177     | 5885      | 14.89                    |
| 802.11n HT20           | 169     | 5845      | 14.9                     |
|                        | 173     | 5865      | 14.87                    |
|                        | 177     | 5885      | 14.9                     |
| 802.11n HT40           | 167     | 5835      | 14.8                     |
|                        | 175     | 5875      | 14.8                     |
| 802.11ac VHT20         | 169     | 5845      | 14.86                    |
|                        | 173     | 5865      | 14.82                    |
|                        | 177     | 5885      | 14.81                    |
| 802.11ac VHT40         | 167     | 5835      | 14.83                    |
|                        | 175     | 5875      | 14.92                    |
| 802.11ac VHT80         | 171     | 5855      | 14.85                    |
| 802.11ac VHT160        | 163     | 5815      | 14.94                    |
| 802.11ax HE20          | 169     | 5845      | 14.91                    |
|                        | 173     | 5865      | 14.86                    |
|                        | 177     | 5885      | 14.82                    |
| 802.11ax HE40          | 167     | 5835      | 14.87                    |
|                        | 175     | 5875      | 14.86                    |
| 802.11ax HE80          | 171     | 5855      | 14.81                    |
| 802.11ax HE160         | 163     | 5815      | 14.86                    |
| 802.11be EHT20         | 169     | 5845      | 14.83                    |
|                        | 173     | 5865      | 14.88                    |
|                        | 177     | 5885      | 14.9                     |
| 802.11be EHT40         | 167     | 5835      | 14.91                    |
|                        | 175     | 5875      | 14.8                     |
| 802.11be EHT80         | 171     | 5855      | 14.84                    |
| 802.11be EHT160        | 163     | 5815      | 14.92                    |

| Conducted Power (1T1S)_SP |         |           |                          |
|---------------------------|---------|-----------|--------------------------|
| UNII-5 Ant 0              |         |           |                          |
| Mode                      | Channel | Frequency | SISO Ant 0<br>Avg. Power |
| 802.11a                   | 1       | 5955      | 14.24                    |
|                           | 5       | 5975      | 14.1                     |
|                           | 9       | 5995      | 14.13                    |
|                           | 13      | 6015      | 14.09                    |
|                           | 17      | 6035      | 14.18                    |
|                           | 21      | 6055      | 14.04                    |
|                           | 25      | 6075      | 14.12                    |
|                           | 29      | 6095      | 14.08                    |
|                           | 33      | 6115      | 14.11                    |
|                           | 37      | 6135      | 14.15                    |
|                           | 41      | 6155      | 14.25                    |
|                           | 45      | 6175      | 14.17                    |
|                           | 49      | 6195      | 14.05                    |
|                           | 53      | 6215      | 14.08                    |
|                           | 57      | 6235      | 14.13                    |
|                           | 61      | 6255      | 14.05                    |
|                           | 65      | 6275      | 14.01                    |
|                           | 69      | 6295      | 14.1                     |
|                           | 73      | 6315      | 14.15                    |
|                           | 77      | 6335      | 14.17                    |
| 802.11ax HE20             | 81      | 6355      | 14.02                    |
|                           | 85      | 6375      | 14.22                    |
|                           | 89      | 6395      | 14.14                    |
|                           | 93      | 6415      | 14.18                    |
|                           | 1       | 5955      | 14                       |
|                           | 5       | 5975      | 14.2                     |
|                           | 9       | 5995      | 14.06                    |
|                           | 13      | 6015      | 14.18                    |
|                           | 17      | 6035      | 14.18                    |
|                           | 21      | 6055      | 14.11                    |
|                           | 25      | 6075      | 14.01                    |
|                           | 29      | 6095      | 14.24                    |
|                           | 33      | 6115      | 14.11                    |
|                           | 37      | 6135      | 14.25                    |
|                           | 41      | 6155      | 14.02                    |
|                           | 45      | 6175      | 14.16                    |
|                           | 49      | 6195      | 14.07                    |
|                           | 53      | 6215      | 14.11                    |
|                           | 57      | 6235      | 14.19                    |
|                           | 61      | 6255      | 14.01                    |
| 802.11ax HE40             | 65      | 6275      | 14.23                    |
|                           | 69      | 6295      | 14.19                    |
|                           | 73      | 6315      | 14                       |
|                           | 77      | 6335      | 14.15                    |
|                           | 81      | 6355      | 14.14                    |
|                           | 85      | 6375      | 14.1                     |
|                           | 89      | 6395      | 14.12                    |
|                           | 93      | 6415      | 14.14                    |
|                           | 3       | 5965      | 14.03                    |
|                           | 11      | 6005      | 14.23                    |
|                           | 19      | 6045      | 14.12                    |
|                           | 27      | 6085      | 14.09                    |
| 802.11ax HE80             | 35      | 6125      | 14                       |
|                           | 43      | 6165      | 14.08                    |
|                           | 51      | 6205      | 14.18                    |
|                           | 59      | 6245      | 14.11                    |
|                           | 67      | 6285      | 14.24                    |
|                           | 75      | 6325      | 14.19                    |
|                           | 83      | 6365      | 14.25                    |
|                           | 91      | 6405      | 14.01                    |
| 802.11ax HE160            | 7       | 5985      | 14                       |
|                           | 23      | 6065      | 14.12                    |
|                           | 39      | 6145      | 14.06                    |
|                           | 55      | 6225      | 14.24                    |
|                           | 71      | 6305      | 14.11                    |
|                           | 87      | 6385      | 14.08                    |
|                           | 15      | 6025      | 14.17                    |
|                           | 47      | 6185      | 14.26                    |
|                           | 79      | 6345      | 14.19                    |

| Conducted Power (1T1S)_SP |         |           |                          |
|---------------------------|---------|-----------|--------------------------|
| UNII-5 Ant 0              |         |           |                          |
| Mode                      | Channel | Frequency | SISO Ant 0<br>Avg. Power |
| 802.11be EHT20            | 1       | 5955      | 14.18                    |
|                           | 5       | 5975      | 14.21                    |
|                           | 9       | 5995      | 14.11                    |
|                           | 13      | 6015      | 14.09                    |
|                           | 17      | 6035      | 14.07                    |
|                           | 21      | 6055      | 14.2                     |
|                           | 25      | 6075      | 14.09                    |
|                           | 29      | 6095      | 14.08                    |
|                           | 33      | 6115      | 14.21                    |
|                           | 37      | 6135      | 14.14                    |
|                           | 41      | 6155      | 14.24                    |
|                           | 45      | 6175      | 14.12                    |
|                           | 49      | 6195      | 14                       |
|                           | 53      | 6215      | 14.13                    |
|                           | 57      | 6235      | 14.18                    |
|                           | 61      | 6255      | 14.1                     |
|                           | 65      | 6275      | 14.1                     |
|                           | 69      | 6295      | 14.03                    |
|                           | 73      | 6315      | 14.1                     |
|                           | 77      | 6335      | 14.16                    |
| 802.11be EHT40            | 81      | 6355      | 14                       |
|                           | 85      | 6375      | 14.21                    |
|                           | 89      | 6395      | 14.16                    |
|                           | 93      | 6415      | 14.13                    |
|                           | 3       | 5965      | 14.04                    |
|                           | 11      | 6005      | 14.11                    |
|                           | 19      | 6045      | 14.02                    |
|                           | 27      | 6085      | 14.06                    |
|                           | 35      | 6125      | 14.07                    |
|                           | 43      | 6165      | 14.18                    |
| 802.11be EHT80            | 51      | 6205      | 14.01                    |
|                           | 59      | 6245      | 14.24                    |
|                           | 67      | 6285      | 14.01                    |
|                           | 75      | 6325      | 14.04                    |
|                           | 83      | 6365      | 14.24                    |
|                           | 91      | 6405      | 14.24                    |
| 802.11be EHT160           | 7       | 5985      | 14.15                    |
|                           | 23      | 6065      | 14.04                    |
|                           | 39      | 6145      | 14.14                    |
|                           | 55      | 6225      | 14.17                    |
|                           | 71      | 6305      | 14.15                    |
|                           | 87      | 6385      | 14.18                    |
|                           | 15      | 6025      | 14.16                    |
|                           | 47      | 6185      | 14.25                    |
|                           | 79      | 6345      | 14                       |

| Conducted Power (1T1S)_SP |         |           |                          |
|---------------------------|---------|-----------|--------------------------|
| UNII-5 Ant 1              |         |           |                          |
| Mode                      | Channel | Frequency | SISO Ant 1<br>Avg. Power |
| 802.11a                   | 1       | 5955      | 14.09                    |
|                           | 5       | 5975      | 14                       |
|                           | 9       | 5995      | 14.17                    |
|                           | 13      | 6015      | 14.02                    |
|                           | 17      | 6035      | 14.23                    |
|                           | 21      | 6055      | 14.11                    |
|                           | 25      | 6075      | 14.02                    |
|                           | 29      | 6095      | 14.1                     |
|                           | 33      | 6115      | 14.22                    |
|                           | 37      | 6135      | 14.18                    |
|                           | 41      | 6155      | 14.23                    |
|                           | 45      | 6175      | 14.18                    |
|                           | 49      | 6195      | 14.15                    |
|                           | 53      | 6215      | 14.2                     |
|                           | 57      | 6235      | 14.22                    |
|                           | 61      | 6255      | 14.13                    |
|                           | 65      | 6275      | 14.11                    |
|                           | 69      | 6295      | 14.19                    |
|                           | 73      | 6315      | 14.18                    |
|                           | 77      | 6335      | 14.06                    |
| 802.11ax HE20             | 81      | 6355      | 14.23                    |
|                           | 85      | 6375      | 14.02                    |
|                           | 89      | 6395      | 14.07                    |
|                           | 93      | 6415      | 14.25                    |
|                           | 1       | 5955      | 14.08                    |
|                           | 5       | 5975      | 14.19                    |
|                           | 9       | 5995      | 14.02                    |
|                           | 13      | 6015      | 14.12                    |
|                           | 17      | 6035      | 14.02                    |
|                           | 21      | 6055      | 14.16                    |
|                           | 25      | 6075      | 14.08                    |
|                           | 29      | 6095      | 14                       |
|                           | 33      | 6115      | 14.17                    |
|                           | 37      | 6135      | 14.09                    |
|                           | 41      | 6155      | 14.21                    |
|                           | 45      | 6175      | 14.11                    |
|                           | 49      | 6195      | 14.1                     |
|                           | 53      | 6215      | 14.03                    |
|                           | 57      | 6235      | 14.11                    |
|                           | 61      | 6255      | 14.07                    |
| 802.11ax HE40             | 65      | 6275      | 14.04                    |
|                           | 69      | 6295      | 14.16                    |
|                           | 73      | 6315      | 14.19                    |
|                           | 77      | 6335      | 14.23                    |
|                           | 81      | 6355      | 14.02                    |
|                           | 85      | 6375      | 14.05                    |
|                           | 89      | 6395      | 14.03                    |
|                           | 93      | 6415      | 14.17                    |
|                           | 3       | 5965      | 14.04                    |
|                           | 11      | 6005      | 14.24                    |
|                           | 19      | 6045      | 14.11                    |
|                           | 27      | 6085      | 14.01                    |
| 802.11ax HE80             | 35      | 6125      | 14.02                    |
|                           | 43      | 6165      | 14.22                    |
|                           | 51      | 6205      | 14.18                    |
|                           | 59      | 6245      | 14.04                    |
|                           | 67      | 6285      | 14.11                    |
|                           | 75      | 6325      | 14.2                     |
|                           | 83      | 6365      | 14.25                    |
|                           | 91      | 6405      | 14.14                    |
| 802.11ax HE160            | 7       | 5985      | 14.08                    |
|                           | 23      | 6065      | 14.23                    |
|                           | 39      | 6145      | 14.2                     |
|                           | 55      | 6225      | 14.17                    |
|                           | 71      | 6305      | 14.11                    |
|                           | 87      | 6385      | 14.24                    |
|                           | 15      | 6025      | 14.17                    |
|                           | 47      | 6185      | 14.35                    |
|                           | 79      | 6345      | 14.26                    |

| Conducted Power (1T1S)_SP |         |           |                          |
|---------------------------|---------|-----------|--------------------------|
| UNII-5 Ant 1              |         |           |                          |
| Mode                      | Channel | Frequency | SISO Ant 1<br>Avg. Power |
| 802.11be EHT20            | 1       | 5955      | 14.16                    |
|                           | 5       | 5975      | 14.19                    |
|                           | 9       | 5995      | 14.07                    |
|                           | 13      | 6015      | 14.02                    |
|                           | 17      | 6035      | 14.16                    |
|                           | 21      | 6055      | 14.03                    |
|                           | 25      | 6075      | 14.07                    |
|                           | 29      | 6095      | 14.04                    |
|                           | 33      | 6115      | 14.2                     |
|                           | 37      | 6135      | 14.06                    |
|                           | 41      | 6155      | 14.17                    |
|                           | 45      | 6175      | 14.13                    |
|                           | 49      | 6195      | 14.16                    |
|                           | 53      | 6215      | 14                       |
|                           | 57      | 6235      | 14.09                    |
|                           | 61      | 6255      | 14.05                    |
|                           | 65      | 6275      | 14.17                    |
|                           | 69      | 6295      | 14.05                    |
|                           | 73      | 6315      | 14.11                    |
|                           | 77      | 6335      | 14.24                    |
| 802.11be EHT40            | 81      | 6355      | 14.22                    |
|                           | 85      | 6375      | 14.09                    |
|                           | 89      | 6395      | 14.03                    |
|                           | 93      | 6415      | 14.11                    |
|                           | 3       | 5965      | 14.11                    |
|                           | 11      | 6005      | 14.21                    |
|                           | 19      | 6045      | 14.23                    |
|                           | 27      | 6085      | 14.06                    |
|                           | 35      | 6125      | 14.16                    |
|                           | 43      | 6165      | 14.25                    |
| 802.11be EHT80            | 51      | 6205      | 14.08                    |
|                           | 59      | 6245      | 14.13                    |
|                           | 67      | 6285      | 14.15                    |
|                           | 75      | 6325      | 14.04                    |
|                           | 83      | 6365      | 14.1                     |
|                           | 91      | 6405      | 14.22                    |
| 802.11be EHT160           | 7       | 5985      | 14                       |
|                           | 23      | 6065      | 14.12                    |
|                           | 39      | 6145      | 14.07                    |
|                           | 55      | 6225      | 14                       |
|                           | 71      | 6305      | 14.08                    |
|                           | 87      | 6385      | 14.12                    |
|                           | 15      | 6025      | 14.05                    |
|                           | 47      | 6185      | 14.29                    |
|                           | 79      | 6345      | 14.19                    |

| Conducted Power (1T1S)_SP |         |           |                          |
|---------------------------|---------|-----------|--------------------------|
| UNII-7 Ant 0              |         |           |                          |
| Mode                      | Channel | Frequency | SISO Ant 0<br>Avg. Power |
| 802.11a                   | 117     | 6535      | 14.12                    |
|                           | 121     | 6555      | 14.04                    |
|                           | 125     | 6575      | 14.14                    |
|                           | 129     | 6595      | 14.09                    |
|                           | 133     | 6615      | 14.09                    |
|                           | 137     | 6635      | 14                       |
|                           | 141     | 6655      | 14.13                    |
|                           | 145     | 6675      | 14.08                    |
|                           | 149     | 6695      | 14.16                    |
|                           | 153     | 6715      | 14.11                    |
|                           | 157     | 6735      | 14.06                    |
|                           | 161     | 6755      | 14.16                    |
|                           | 165     | 6775      | 14.06                    |
|                           | 169     | 6795      | 14.01                    |
|                           | 173     | 6815      | 14.08                    |
|                           | 177     | 6835      | 14.16                    |
|                           | 181     | 6855      | 14.17                    |
| 802.11ax HE20             | 117     | 6535      | 14.03                    |
|                           | 121     | 6555      | 14.13                    |
|                           | 125     | 6575      | 14.07                    |
|                           | 129     | 6595      | 14.07                    |
|                           | 133     | 6615      | 14.06                    |
|                           | 137     | 6635      | 14.01                    |
|                           | 141     | 6655      | 14                       |
|                           | 145     | 6675      | 14.09                    |
|                           | 149     | 6695      | 14.12                    |
|                           | 153     | 6715      | 14.03                    |
|                           | 157     | 6735      | 14                       |
|                           | 161     | 6755      | 14.15                    |
|                           | 165     | 6775      | 14.15                    |
|                           | 169     | 6795      | 14.06                    |
|                           | 173     | 6815      | 14.05                    |
|                           | 177     | 6835      | 14.1                     |
|                           | 181     | 6855      | 14.09                    |
| 802.11ax HE40             | 123     | 6565      | 14.12                    |
|                           | 131     | 6605      | 14.14                    |
|                           | 139     | 6645      | 14.13                    |
|                           | 147     | 6685      | 14.04                    |
|                           | 155     | 6725      | 14.07                    |
|                           | 163     | 6765      | 14.05                    |
|                           | 171     | 6805      | 14.06                    |
|                           | 179     | 6845      | 14.16                    |
| 802.11ax HE80             | 187     | 6885      | 14.17                    |
|                           | 135     | 6625      | 14.1                     |
|                           | 151     | 6705      | 14.12                    |
|                           | 167     | 6785      | 14                       |
| 802.11ax HE160            | 183     | 6865      | 14.15                    |
|                           | 143     | 6665      | 14.22                    |
|                           | 175     | 6825      | 14.19                    |

| Conducted Power (1T1S)_SP |         |           |                          |
|---------------------------|---------|-----------|--------------------------|
| UNII-7 Ant 0              |         |           |                          |
| Mode                      | Channel | Frequency | SISO Ant 0<br>Avg. Power |
| 802.11be EHT20            | 117     | 6535      | 14.13                    |
|                           | 121     | 6555      | 14.09                    |
|                           | 125     | 6575      | 14.06                    |
|                           | 129     | 6595      | 14.15                    |
|                           | 133     | 6615      | 14.1                     |
|                           | 137     | 6635      | 14.11                    |
|                           | 141     | 6655      | 14.01                    |
|                           | 145     | 6675      | 14.09                    |
|                           | 149     | 6695      | 14.12                    |
|                           | 153     | 6715      | 14.09                    |
|                           | 157     | 6735      | 14.16                    |
|                           | 161     | 6755      | 14.08                    |
|                           | 165     | 6775      | 14.05                    |
|                           | 169     | 6795      | 14.1                     |
|                           | 173     | 6815      | 14.15                    |
|                           | 177     | 6835      | 14.11                    |
| 802.11be EHT40            | 181     | 6855      | 14.16                    |
|                           | 123     | 6565      | 14.16                    |
|                           | 131     | 6605      | 14.13                    |
|                           | 139     | 6645      | 14.13                    |
|                           | 147     | 6685      | 14.03                    |
|                           | 155     | 6725      | 14.13                    |
|                           | 163     | 6765      | 14.11                    |
|                           | 171     | 6805      | 14.12                    |
| 802.11be EHT80            | 179     | 6845      | 14.03                    |
|                           | 187     | 6885      | 14.16                    |
|                           | 135     | 6625      | 14.08                    |
|                           | 151     | 6705      | 14.03                    |
| 802.11be EHT160           | 167     | 6785      | 14.08                    |
|                           | 183     | 6865      | 14.06                    |
|                           | 143     | 6665      | 14.17                    |
|                           | 175     | 6825      | 14.07                    |

| Conducted Power (1T1S)_SP |         |           |                          |
|---------------------------|---------|-----------|--------------------------|
| UNII-7 Ant 1              |         |           |                          |
| Mode                      | Channel | Frequency | SISO Ant 1<br>Avg. Power |
| 802.11a                   | 117     | 6535      | 14.05                    |
|                           | 121     | 6555      | 14                       |
|                           | 125     | 6575      | 14.01                    |
|                           | 129     | 6595      | 14.07                    |
|                           | 133     | 6615      | 14.03                    |
|                           | 137     | 6635      | 14.05                    |
|                           | 141     | 6655      | 14.03                    |
|                           | 145     | 6675      | 14.03                    |
|                           | 149     | 6695      | 14.14                    |
|                           | 153     | 6715      | 14.17                    |
|                           | 157     | 6735      | 14.09                    |
|                           | 161     | 6755      | 14.01                    |
|                           | 165     | 6775      | 14.13                    |
|                           | 169     | 6795      | 14.06                    |
|                           | 173     | 6815      | 14.05                    |
|                           | 177     | 6835      | 14.12                    |
|                           | 181     | 6855      | 14.12                    |
| 802.11ax HE20             | 117     | 6535      | 14.09                    |
|                           | 121     | 6555      | 14.09                    |
|                           | 125     | 6575      | 14.06                    |
|                           | 129     | 6595      | 14.05                    |
|                           | 133     | 6615      | 14.01                    |
|                           | 137     | 6635      | 14.14                    |
|                           | 141     | 6655      | 14.01                    |
|                           | 145     | 6675      | 14.01                    |
|                           | 149     | 6695      | 14.11                    |
|                           | 153     | 6715      | 14.07                    |
|                           | 157     | 6735      | 14.15                    |
|                           | 161     | 6755      | 14.12                    |
|                           | 165     | 6775      | 14.03                    |
|                           | 169     | 6795      | 14                       |
|                           | 173     | 6815      | 14.05                    |
|                           | 177     | 6835      | 14.03                    |
|                           | 181     | 6855      | 14.05                    |
| 802.11ax HE40             | 123     | 6565      | 14.08                    |
|                           | 131     | 6605      | 14.16                    |
|                           | 139     | 6645      | 14.03                    |
|                           | 147     | 6685      | 14                       |
|                           | 155     | 6725      | 14.1                     |
|                           | 163     | 6765      | 14.03                    |
|                           | 171     | 6805      | 14.07                    |
|                           | 179     | 6845      | 14.1                     |
|                           | 187     | 6885      | 14.05                    |
| 802.11ax HE80             | 135     | 6625      | 14.07                    |
|                           | 151     | 6705      | 14.01                    |
|                           | 167     | 6785      | 14.06                    |
|                           | 183     | 6865      | 14.12                    |
| 802.11ax HE160            | 143     | 6665      | 14.18                    |
|                           | 175     | 6825      | 14.15                    |

| Conducted Power (1T1S)_SP |         |           |                          |
|---------------------------|---------|-----------|--------------------------|
| UNII-7 Ant 1              |         |           |                          |
| Mode                      | Channel | Frequency | SISO Ant 1<br>Avg. Power |
| 802.11be EHT20            | 117     | 6535      | 14.02                    |
|                           | 121     | 6555      | 14.11                    |
|                           | 125     | 6575      | 14.08                    |
|                           | 129     | 6595      | 13.95                    |
|                           | 133     | 6615      | 14.05                    |
|                           | 137     | 6635      | 13.99                    |
|                           | 141     | 6655      | 14.05                    |
|                           | 145     | 6675      | 14.05                    |
|                           | 149     | 6695      | 14.07                    |
|                           | 153     | 6715      | 13.97                    |
|                           | 157     | 6735      | 14.08                    |
|                           | 161     | 6755      | 14.08                    |
|                           | 165     | 6775      | 14.1                     |
|                           | 169     | 6795      | 13.95                    |
|                           | 173     | 6815      | 14.04                    |
|                           | 177     | 6835      | 14.04                    |
| 802.11be EHT40            | 181     | 6855      | 13.98                    |
|                           | 123     | 6565      | 14.11                    |
|                           | 131     | 6605      | 14.04                    |
|                           | 139     | 6645      | 14.04                    |
|                           | 147     | 6685      | 14.05                    |
|                           | 155     | 6725      | 14.03                    |
|                           | 163     | 6765      | 14.09                    |
|                           | 171     | 6805      | 14.02                    |
| 802.11be EHT80            | 179     | 6845      | 14.08                    |
|                           | 187     | 6885      | 14.1                     |
|                           | 135     | 6625      | 13.97                    |
|                           | 151     | 6705      | 14.05                    |
| 802.11be EHT160           | 167     | 6785      | 14.03                    |
|                           | 183     | 6865      | 13.99                    |
|                           | 143     | 6665      | 14.13                    |
|                           | 175     | 6825      | 14.08                    |

| Conducted Power (1T1S)_LPI |         |           |                          |
|----------------------------|---------|-----------|--------------------------|
| UNII-5 Ant 0               |         |           |                          |
| Mode                       | Channel | Frequency | SISO Ant 0<br>Avg. Power |
| 802.11a                    | 1       | 5955      | 6.92                     |
|                            | 5       | 5975      | 6.81                     |
|                            | 9       | 5995      | 6.69                     |
|                            | 13      | 6015      | 6.65                     |
|                            | 17      | 6035      | 6.91                     |
|                            | 21      | 6055      | 7                        |
|                            | 25      | 6075      | 6.94                     |
|                            | 29      | 6095      | 6.84                     |
|                            | 33      | 6115      | 6.93                     |
|                            | 37      | 6135      | 6.66                     |
|                            | 41      | 6155      | 6.81                     |
|                            | 45      | 6175      | 7                        |
|                            | 49      | 6195      | 6.91                     |
|                            | 53      | 6215      | 6.88                     |
|                            | 57      | 6235      | 6.66                     |
|                            | 61      | 6255      | 6.9                      |
|                            | 65      | 6275      | 6.7                      |
|                            | 69      | 6295      | 6.79                     |
|                            | 73      | 6315      | 6.81                     |
|                            | 77      | 6335      | 6.93                     |
| 802.11ax HE20              | 81      | 6355      | 6.69                     |
|                            | 85      | 6375      | 6.78                     |
|                            | 89      | 6395      | 6.66                     |
|                            | 93      | 6415      | 6.89                     |
|                            | 1       | 5955      | 6.89                     |
|                            | 5       | 5975      | 6.82                     |
|                            | 9       | 5995      | 6.66                     |
|                            | 13      | 6015      | 6.94                     |
|                            | 17      | 6035      | 6.75                     |
|                            | 21      | 6055      | 6.76                     |
|                            | 25      | 6075      | 6.77                     |
|                            | 29      | 6095      | 6.91                     |
|                            | 33      | 6115      | 6.67                     |
|                            | 37      | 6135      | 6.81                     |
|                            | 41      | 6155      | 6.65                     |
|                            | 45      | 6175      | 6.85                     |
|                            | 49      | 6195      | 6.99                     |
|                            | 53      | 6215      | 6.94                     |
|                            | 57      | 6235      | 6.72                     |
|                            | 61      | 6255      | 6.82                     |
| 802.11ax HE40              | 65      | 6275      | 6.72                     |
|                            | 69      | 6295      | 6.94                     |
|                            | 73      | 6315      | 6.69                     |
|                            | 77      | 6335      | 6.9                      |
|                            | 81      | 6355      | 6.83                     |
|                            | 85      | 6375      | 6.72                     |
|                            | 89      | 6395      | 6.81                     |
|                            | 93      | 6415      | 6.99                     |
|                            | 3       | 5965      | 9.47                     |
|                            | 11      | 6005      | 9.41                     |
|                            | 19      | 6045      | 9.42                     |
|                            | 27      | 6085      | 9.41                     |
| 802.11ax HE80              | 35      | 6125      | 9.18                     |
|                            | 43      | 6165      | 9.25                     |
|                            | 51      | 6205      | 9.37                     |
|                            | 59      | 6245      | 9.31                     |
|                            | 67      | 6285      | 9.43                     |
|                            | 75      | 6325      | 9.33                     |
|                            | 83      | 6365      | 9.39                     |
| 802.11ax HE160             | 91      | 6405      | 9.25                     |
|                            | 7       | 5985      | 12.18                    |
| 802.11ax HE80              | 23      | 6065      | 12.18                    |
|                            | 39      | 6145      | 12.24                    |
|                            | 55      | 6225      | 12.16                    |
|                            | 71      | 6305      | 12.39                    |
|                            | 87      | 6385      | 12.17                    |
| 802.11ax HE160             | 15      | 6025      | 14.16                    |
|                            | 47      | 6185      | 14.23                    |
| 802.11ax HE160             | 79      | 6345      | 14.17                    |

| Conducted Power (1T1S)_LPI |         |           |                          |
|----------------------------|---------|-----------|--------------------------|
| UNII-5 Ant 0               |         |           |                          |
| Mode                       | Channel | Frequency | SISO Ant 0<br>Avg. Power |
| 802.11be EHT20             | 1       | 5955      | 6.8                      |
|                            | 5       | 5975      | 6.96                     |
|                            | 9       | 5995      | 6.95                     |
|                            | 13      | 6015      | 6.76                     |
|                            | 17      | 6035      | 6.99                     |
|                            | 21      | 6055      | 6.88                     |
|                            | 25      | 6075      | 6.86                     |
|                            | 29      | 6095      | 6.93                     |
|                            | 33      | 6115      | 6.97                     |
|                            | 37      | 6135      | 6.86                     |
|                            | 41      | 6155      | 6.73                     |
|                            | 45      | 6175      | 6.91                     |
|                            | 49      | 6195      | 6.96                     |
|                            | 53      | 6215      | 6.8                      |
|                            | 57      | 6235      | 6.75                     |
|                            | 61      | 6255      | 6.78                     |
|                            | 65      | 6275      | 6.85                     |
|                            | 69      | 6295      | 6.71                     |
|                            | 73      | 6315      | 6.78                     |
|                            | 77      | 6335      | 6.84                     |
| 802.11be EHT40             | 81      | 6355      | 6.81                     |
|                            | 85      | 6375      | 6.72                     |
|                            | 89      | 6395      | 6.8                      |
|                            | 93      | 6415      | 6.65                     |
|                            | 3       | 5965      | 9.23                     |
|                            | 11      | 6005      | 9.17                     |
|                            | 19      | 6045      | 9.2                      |
|                            | 27      | 6085      | 9.44                     |
|                            | 35      | 6125      | 9.4                      |
|                            | 43      | 6165      | 9.2                      |
| 802.11be EHT80             | 51      | 6205      | 9.32                     |
|                            | 59      | 6245      | 9.24                     |
|                            | 67      | 6285      | 9.15                     |
|                            | 75      | 6325      | 9.22                     |
|                            | 83      | 6365      | 9.22                     |
|                            | 91      | 6405      | 9.24                     |
| 802.11be EHT160            | 7       | 5985      | 12.49                    |
|                            | 23      | 6065      | 12.44                    |
|                            | 39      | 6145      | 12.32                    |
|                            | 55      | 6225      | 12.18                    |
|                            | 71      | 6305      | 12.19                    |
|                            | 87      | 6385      | 12.23                    |
|                            | 15      | 6025      | 14.07                    |
|                            | 47      | 6185      | 14.15                    |
|                            | 79      | 6345      | 14.07                    |

| Conducted Power (1T1S)_LPI |         |           |                          |
|----------------------------|---------|-----------|--------------------------|
| UNII-5 Ant 1               |         |           |                          |
| Mode                       | Channel | Frequency | SISO Ant 1<br>Avg. Power |
| 802.11a                    | 1       | 5955      | 6.93                     |
|                            | 5       | 5975      | 6.84                     |
|                            | 9       | 5995      | 6.77                     |
|                            | 13      | 6015      | 6.87                     |
|                            | 17      | 6035      | 6.76                     |
|                            | 21      | 6055      | 6.86                     |
|                            | 25      | 6075      | 6.74                     |
|                            | 29      | 6095      | 6.73                     |
|                            | 33      | 6115      | 6.81                     |
|                            | 37      | 6135      | 6.76                     |
|                            | 41      | 6155      | 6.84                     |
|                            | 45      | 6175      | 6.95                     |
|                            | 49      | 6195      | 6.71                     |
|                            | 53      | 6215      | 6.68                     |
|                            | 57      | 6235      | 6.91                     |
|                            | 61      | 6255      | 6.9                      |
|                            | 65      | 6275      | 6.74                     |
|                            | 69      | 6295      | 6.96                     |
|                            | 73      | 6315      | 6.75                     |
|                            | 77      | 6335      | 6.66                     |
| 802.11ax HE20              | 81      | 6355      | 6.75                     |
|                            | 85      | 6375      | 6.79                     |
|                            | 89      | 6395      | 6.9                      |
|                            | 93      | 6415      | 6.86                     |
|                            | 1       | 5955      | 6.81                     |
|                            | 5       | 5975      | 6.93                     |
|                            | 9       | 5995      | 6.77                     |
|                            | 13      | 6015      | 6.96                     |
|                            | 17      | 6035      | 6.8                      |
|                            | 21      | 6055      | 6.72                     |
|                            | 25      | 6075      | 6.81                     |
|                            | 29      | 6095      | 6.93                     |
|                            | 33      | 6115      | 6.96                     |
|                            | 37      | 6135      | 6.97                     |
|                            | 41      | 6155      | 6.71                     |
|                            | 45      | 6175      | 6.83                     |
|                            | 49      | 6195      | 6.76                     |
|                            | 53      | 6215      | 6.72                     |
|                            | 57      | 6235      | 6.68                     |
|                            | 61      | 6255      | 6.67                     |
| 802.11ax HE40              | 65      | 6275      | 6.93                     |
|                            | 69      | 6295      | 6.76                     |
|                            | 73      | 6315      | 6.98                     |
|                            | 77      | 6335      | 6.68                     |
|                            | 81      | 6355      | 6.73                     |
|                            | 85      | 6375      | 6.69                     |
|                            | 89      | 6395      | 6.9                      |
|                            | 93      | 6415      | 6.85                     |
|                            | 3       | 5965      | 9.38                     |
|                            | 11      | 6005      | 9.41                     |
|                            | 19      | 6045      | 9.38                     |
|                            | 27      | 6085      | 9.15                     |
| 802.11ax HE80              | 35      | 6125      | 9.28                     |
|                            | 43      | 6165      | 9.34                     |
|                            | 51      | 6205      | 9.27                     |
|                            | 59      | 6245      | 9.25                     |
|                            | 67      | 6285      | 9.28                     |
|                            | 75      | 6325      | 9.16                     |
|                            | 83      | 6365      | 9.31                     |
|                            | 91      | 6405      | 9.36                     |
| 802.11ax HE160             | 7       | 5985      | 12.33                    |
|                            | 23      | 6065      | 12.25                    |
|                            | 39      | 6145      | 12.25                    |
|                            | 55      | 6225      | 12.44                    |
|                            | 71      | 6305      | 12.19                    |
|                            | 87      | 6385      | 12.2                     |
|                            | 15      | 6025      | 14.11                    |
|                            | 47      | 6185      | 14.22                    |
|                            | 79      | 6345      | 14.19                    |

| Conducted Power (1T1S)_LPI |         |           |                          |
|----------------------------|---------|-----------|--------------------------|
| UNII-5 Ant 1               |         |           |                          |
| Mode                       | Channel | Frequency | SISO Ant 1<br>Avg. Power |
| 802.11be EHT20             | 1       | 5955      | 6.67                     |
|                            | 5       | 5975      | 6.79                     |
|                            | 9       | 5995      | 6.78                     |
|                            | 13      | 6015      | 6.94                     |
|                            | 17      | 6035      | 6.87                     |
|                            | 21      | 6055      | 6.99                     |
|                            | 25      | 6075      | 6.78                     |
|                            | 29      | 6095      | 6.84                     |
|                            | 33      | 6115      | 6.92                     |
|                            | 37      | 6135      | 6.97                     |
|                            | 41      | 6155      | 6.67                     |
|                            | 45      | 6175      | 6.97                     |
|                            | 49      | 6195      | 6.71                     |
|                            | 53      | 6215      | 6.8                      |
|                            | 57      | 6235      | 6.7                      |
|                            | 61      | 6255      | 6.71                     |
|                            | 65      | 6275      | 6.82                     |
|                            | 69      | 6295      | 6.68                     |
|                            | 73      | 6315      | 6.82                     |
|                            | 77      | 6335      | 6.77                     |
| 802.11be EHT40             | 81      | 6355      | 6.95                     |
|                            | 85      | 6375      | 6.84                     |
|                            | 89      | 6395      | 6.67                     |
|                            | 93      | 6415      | 7                        |
|                            | 3       | 5965      | 9.31                     |
|                            | 11      | 6005      | 9.4                      |
|                            | 19      | 6045      | 9.19                     |
|                            | 27      | 6085      | 9.31                     |
|                            | 35      | 6125      | 9.49                     |
|                            | 43      | 6165      | 9.49                     |
| 802.11be EHT80             | 51      | 6205      | 9.5                      |
|                            | 59      | 6245      | 9.38                     |
|                            | 67      | 6285      | 9.5                      |
|                            | 75      | 6325      | 9.28                     |
|                            | 83      | 6365      | 9.31                     |
|                            | 91      | 6405      | 9.41                     |
| 802.11be EHT160            | 7       | 5985      | 12.26                    |
|                            | 23      | 6065      | 12.47                    |
|                            | 39      | 6145      | 12.19                    |
|                            | 55      | 6225      | 12.18                    |
|                            | 71      | 6305      | 12.35                    |
|                            | 87      | 6385      | 12.35                    |
|                            | 15      | 6025      | 14                       |
|                            | 47      | 6185      | 14.17                    |
|                            | 79      | 6345      | 14.13                    |

| Conducted Power (1T1S)_LPI |         |           |                          |
|----------------------------|---------|-----------|--------------------------|
| UNII-6 Ant 0               |         |           |                          |
| Mode                       | Channel | Frequency | SISO Ant 0<br>Avg. Power |
| 802.11a                    | 97      | 6435      | 6.7                      |
|                            | 101     | 6455      | 6.84                     |
|                            | 105     | 6475      | 6.84                     |
|                            | 109     | 6495      | 6.86                     |
|                            | 113     | 6515      | 6.69                     |
| 802.11ax HE20              | 97      | 6435      | 6.79                     |
|                            | 101     | 6455      | 6.9                      |
|                            | 105     | 6475      | 6.91                     |
|                            | 109     | 6495      | 6.83                     |
|                            | 113     | 6515      | 6.81                     |
| 802.11ax HE40              | 99      | 6445      | 9.36                     |
|                            | 107     | 6485      | 9.33                     |
|                            | 115     | 6525      | 9.32                     |
| 802.11ax HE80              | 103     | 6465      | 12.42                    |
|                            | 119     | 6545      | 12.22                    |
| 802.11ax HE160             | 111     | 6505      | 14.25                    |
| 802.11be EHT20             | 97      | 6435      | 6.94                     |
|                            | 101     | 6455      | 6.97                     |
|                            | 105     | 6475      | 6.73                     |
|                            | 109     | 6495      | 6.66                     |
|                            | 113     | 6515      | 6.68                     |
| 802.11be EHT40             | 99      | 6445      | 9.23                     |
|                            | 107     | 6485      | 9.19                     |
|                            | 115     | 6525      | 9.19                     |
| 802.11be EHT80             | 103     | 6465      | 12.37                    |
|                            | 119     | 6545      | 12.24                    |
| 802.11be EHT160            | 111     | 6505      | 14.18                    |

| Conducted Power (1T1S)_LPI |         |           |                          |
|----------------------------|---------|-----------|--------------------------|
| UNII-6 Ant 1               |         |           |                          |
| Mode                       | Channel | Frequency | SISO Ant 1<br>Avg. Power |
| 802.11a                    | 97      | 6435      | 6.96                     |
|                            | 101     | 6455      | 6.72                     |
|                            | 105     | 6475      | 6.84                     |
|                            | 109     | 6495      | 6.78                     |
|                            | 113     | 6515      | 6.79                     |
| 802.11ax HE20              | 97      | 6435      | 6.72                     |
|                            | 101     | 6455      | 6.73                     |
|                            | 105     | 6475      | 6.65                     |
|                            | 109     | 6495      | 7                        |
|                            | 113     | 6515      | 6.73                     |
| 802.11ax HE40              | 99      | 6445      | 9.5                      |
|                            | 107     | 6485      | 9.43                     |
|                            | 115     | 6525      | 9.29                     |
| 802.11ax HE80              | 103     | 6465      | 12.42                    |
|                            | 119     | 6545      | 12.39                    |
| 802.11ax HE160             | 111     | 6505      | 14.32                    |
| 802.11be EHT20             | 97      | 6435      | 6.96                     |
|                            | 101     | 6455      | 6.94                     |
|                            | 105     | 6475      | 6.87                     |
|                            | 109     | 6495      | 6.68                     |
|                            | 113     | 6515      | 6.73                     |
| 802.11be EHT40             | 99      | 6445      | 9.3                      |
|                            | 107     | 6485      | 9.32                     |
|                            | 115     | 6525      | 9.32                     |
| 802.11be EHT80             | 103     | 6465      | 12.3                     |
|                            | 119     | 6545      | 12.32                    |
| 802.11be EHT160            | 111     | 6505      | 14.26                    |

| Conducted Power (1T1S)_LPI |         |           |                          |
|----------------------------|---------|-----------|--------------------------|
| UNII-7 Ant 0               |         |           |                          |
| Mode                       | Channel | Frequency | SISO Ant 0<br>Avg. Power |
| 802.11a                    | 117     | 6535      | 6.8                      |
|                            | 121     | 6555      | 6.97                     |
|                            | 125     | 6575      | 6.67                     |
|                            | 129     | 6595      | 6.66                     |
|                            | 133     | 6615      | 6.79                     |
|                            | 137     | 6635      | 6.91                     |
|                            | 141     | 6655      | 6.88                     |
|                            | 145     | 6675      | 6.71                     |
|                            | 149     | 6695      | 6.86                     |
|                            | 153     | 6715      | 6.85                     |
|                            | 157     | 6735      | 6.96                     |
|                            | 161     | 6755      | 6.67                     |
|                            | 165     | 6775      | 6.65                     |
|                            | 169     | 6795      | 6.93                     |
|                            | 173     | 6815      | 6.69                     |
|                            | 177     | 6835      | 6.72                     |
|                            | 181     | 6855      | 6.66                     |
| 802.11ax HE20              | 117     | 6535      | 6.68                     |
|                            | 121     | 6555      | 6.75                     |
|                            | 125     | 6575      | 6.87                     |
|                            | 129     | 6595      | 6.73                     |
|                            | 133     | 6615      | 6.91                     |
|                            | 137     | 6635      | 6.94                     |
|                            | 141     | 6655      | 6.86                     |
|                            | 145     | 6675      | 6.88                     |
|                            | 149     | 6695      | 6.94                     |
|                            | 153     | 6715      | 6.96                     |
|                            | 157     | 6735      | 6.76                     |
|                            | 161     | 6755      | 6.89                     |
|                            | 165     | 6775      | 6.67                     |
|                            | 169     | 6795      | 6.89                     |
|                            | 173     | 6815      | 6.8                      |
|                            | 177     | 6835      | 6.8                      |
|                            | 181     | 6855      | 6.68                     |
| 802.11ax HE40              | 123     | 6565      | 9.39                     |
|                            | 131     | 6605      | 9.47                     |
|                            | 139     | 6645      | 9.23                     |
|                            | 147     | 6685      | 9.22                     |
|                            | 155     | 6725      | 9.25                     |
|                            | 163     | 6765      | 9.5                      |
|                            | 171     | 6805      | 9.19                     |
|                            | 179     | 6845      | 9.26                     |
| 802.11ax HE80              | 187     | 6885      | 9.28                     |
|                            | 135     | 6625      | 12.41                    |
|                            | 151     | 6705      | 12.36                    |
|                            | 167     | 6785      | 12.46                    |
| 802.11ax HE160             | 183     | 6865      | 12.5                     |
|                            | 143     | 6665      | 14.2                     |
|                            | 175     | 6825      | 14.17                    |

| Conducted Power (1T1S)_LPI |         |           |                          |
|----------------------------|---------|-----------|--------------------------|
| UNII-7 Ant 0               |         |           |                          |
| Mode                       | Channel | Frequency | SISO Ant 0<br>Avg. Power |
| 802.11be EHT20             | 117     | 6535      | 6.97                     |
|                            | 121     | 6555      | 6.73                     |
|                            | 125     | 6575      | 7                        |
|                            | 129     | 6595      | 6.89                     |
|                            | 133     | 6615      | 6.98                     |
|                            | 137     | 6635      | 6.79                     |
|                            | 141     | 6655      | 6.95                     |
|                            | 145     | 6675      | 6.81                     |
|                            | 149     | 6695      | 6.98                     |
|                            | 153     | 6715      | 6.83                     |
|                            | 157     | 6735      | 6.92                     |
|                            | 161     | 6755      | 6.68                     |
|                            | 165     | 6775      | 6.68                     |
|                            | 169     | 6795      | 6.89                     |
|                            | 173     | 6815      | 6.8                      |
|                            | 177     | 6835      | 6.81                     |
|                            | 181     | 6855      | 6.99                     |
| 802.11be EHT40             | 123     | 6565      | 9.26                     |
|                            | 131     | 6605      | 9.18                     |
|                            | 139     | 6645      | 9.27                     |
|                            | 147     | 6685      | 9.42                     |
|                            | 155     | 6725      | 9.19                     |
|                            | 163     | 6765      | 9.41                     |
|                            | 171     | 6805      | 9.4                      |
|                            | 179     | 6845      | 9.28                     |
| 802.11be EHT80             | 187     | 6885      | 9.5                      |
|                            | 135     | 6625      | 12.3                     |
|                            | 151     | 6705      | 12.17                    |
|                            | 167     | 6785      | 12.31                    |
| 802.11be EHT160            | 183     | 6865      | 12.35                    |
|                            | 143     | 6665      | 14.14                    |
|                            | 175     | 6825      | 14.12                    |

| Conducted Power (1T1S)_LPI |         |           |                          |
|----------------------------|---------|-----------|--------------------------|
| UNII-7 Ant 1               |         |           |                          |
| Mode                       | Channel | Frequency | SISO Ant 1<br>Avg. Power |
| 802.11a                    | 117     | 6535      | 6.92                     |
|                            | 121     | 6555      | 6.74                     |
|                            | 125     | 6575      | 6.81                     |
|                            | 129     | 6595      | 6.9                      |
|                            | 133     | 6615      | 6.89                     |
|                            | 137     | 6635      | 6.87                     |
|                            | 141     | 6655      | 6.99                     |
|                            | 145     | 6675      | 6.82                     |
|                            | 149     | 6695      | 6.86                     |
|                            | 153     | 6715      | 6.84                     |
|                            | 157     | 6735      | 6.81                     |
|                            | 161     | 6755      | 6.83                     |
|                            | 165     | 6775      | 6.74                     |
|                            | 169     | 6795      | 6.86                     |
|                            | 173     | 6815      | 6.82                     |
|                            | 177     | 6835      | 6.96                     |
|                            | 181     | 6855      | 6.92                     |
| 802.11ax HE20              | 117     | 6535      | 6.73                     |
|                            | 121     | 6555      | 6.89                     |
|                            | 125     | 6575      | 6.72                     |
|                            | 129     | 6595      | 6.82                     |
|                            | 133     | 6615      | 6.65                     |
|                            | 137     | 6635      | 6.75                     |
|                            | 141     | 6655      | 6.78                     |
|                            | 145     | 6675      | 6.93                     |
|                            | 149     | 6695      | 6.75                     |
|                            | 153     | 6715      | 6.97                     |
|                            | 157     | 6735      | 6.7                      |
|                            | 161     | 6755      | 6.99                     |
|                            | 165     | 6775      | 6.95                     |
|                            | 169     | 6795      | 6.72                     |
|                            | 173     | 6815      | 6.79                     |
|                            | 177     | 6835      | 6.73                     |
|                            | 181     | 6855      | 6.76                     |
| 802.11ax HE40              | 123     | 6565      | 9.34                     |
|                            | 131     | 6605      | 9.16                     |
|                            | 139     | 6645      | 9.33                     |
|                            | 147     | 6685      | 9.18                     |
|                            | 155     | 6725      | 9.37                     |
|                            | 163     | 6765      | 9.15                     |
|                            | 171     | 6805      | 9.43                     |
|                            | 179     | 6845      | 9.48                     |
| 802.11ax HE80              | 187     | 6885      | 9.18                     |
|                            | 135     | 6625      | 12.16                    |
|                            | 151     | 6705      | 12.15                    |
|                            | 167     | 6785      | 12.46                    |
| 802.11ax HE160             | 183     | 6865      | 12.23                    |
|                            | 143     | 6665      | 14.16                    |
|                            | 175     | 6825      | 14.11                    |

| Conducted Power (1T1S)_LPI |         |           |                          |
|----------------------------|---------|-----------|--------------------------|
| UNII-7 Ant 1               |         |           |                          |
| Mode                       | Channel | Frequency | SISO Ant 1<br>Avg. Power |
| 802.11be EHT20             | 117     | 6535      | 6.71                     |
|                            | 121     | 6555      | 6.99                     |
|                            | 125     | 6575      | 6.7                      |
|                            | 129     | 6595      | 6.82                     |
|                            | 133     | 6615      | 6.67                     |
|                            | 137     | 6635      | 6.97                     |
|                            | 141     | 6655      | 6.67                     |
|                            | 145     | 6675      | 6.73                     |
|                            | 149     | 6695      | 6.92                     |
|                            | 153     | 6715      | 6.75                     |
|                            | 157     | 6735      | 6.67                     |
|                            | 161     | 6755      | 6.9                      |
|                            | 165     | 6775      | 6.7                      |
|                            | 169     | 6795      | 6.84                     |
|                            | 173     | 6815      | 6.7                      |
|                            | 177     | 6835      | 6.74                     |
|                            | 181     | 6855      | 6.72                     |
| 802.11be EHT40             | 123     | 6565      | 9.34                     |
|                            | 131     | 6605      | 9.2                      |
|                            | 139     | 6645      | 9.23                     |
|                            | 147     | 6685      | 9.41                     |
|                            | 155     | 6725      | 9.33                     |
|                            | 163     | 6765      | 9.34                     |
|                            | 171     | 6805      | 9.45                     |
|                            | 179     | 6845      | 9.31                     |
| 802.11be EHT80             | 187     | 6885      | 9.37                     |
|                            | 135     | 6625      | 12.22                    |
|                            | 151     | 6705      | 12.33                    |
|                            | 167     | 6785      | 12.35                    |
| 802.11be EHT160            | 183     | 6865      | 12.31                    |
|                            | 143     | 6665      | 14.11                    |
|                            | 175     | 6825      | 14.06                    |

| Conducted Power (1T1S)_LPI |         |           |                          |
|----------------------------|---------|-----------|--------------------------|
| UNII-8 Ant 0               |         |           |                          |
| Mode                       | Channel | Frequency | SISO Ant 0<br>Avg. Power |
| 802.11a                    | 185     | 6875      | 6.7                      |
|                            | 189     | 6895      | 6.72                     |
|                            | 193     | 6915      | 6.99                     |
|                            | 197     | 6935      | 6.82                     |
|                            | 201     | 6955      | 6.83                     |
|                            | 205     | 6975      | 6.87                     |
|                            | 209     | 6995      | 6.96                     |
|                            | 213     | 7015      | 6.7                      |
|                            | 217     | 7035      | 6.9                      |
|                            | 221     | 7055      | 6.91                     |
|                            | 225     | 7075      | 6.89                     |
|                            | 229     | 7095      | 7                        |
| 802.11ax HE20              | 233     | 7115      | 6.7                      |
|                            | 185     | 6875      | 6.79                     |
|                            | 189     | 6895      | 6.98                     |
|                            | 193     | 6915      | 6.7                      |
|                            | 197     | 6935      | 6.86                     |
|                            | 201     | 6955      | 6.91                     |
|                            | 205     | 6975      | 6.66                     |
|                            | 209     | 6995      | 6.86                     |
|                            | 213     | 7015      | 6.78                     |
|                            | 217     | 7035      | 6.87                     |
|                            | 221     | 7055      | 6.85                     |
|                            | 225     | 7075      | 6.97                     |
| 802.11ax HE40              | 229     | 7095      | 6.76                     |
|                            | 233     | 7115      | 6.66                     |
|                            | 195     | 6925      | 9.98                     |
|                            | 203     | 6965      | 9.86                     |
|                            | 211     | 7005      | 9.81                     |
| 802.11ax HE80              | 219     | 7045      | 9.82                     |
|                            | 227     | 7085      | 9.65                     |
|                            | 199     | 6945      | 12.35                    |
| 802.11ax HE160             | 215     | 7025      | 12.26                    |
| 802.11be EHT20             | 207     | 6985      | 14.29                    |
|                            | 185     | 6875      | 6.92                     |
|                            | 189     | 6895      | 6.82                     |
|                            | 193     | 6915      | 6.9                      |
|                            | 197     | 6935      | 6.79                     |
|                            | 201     | 6955      | 6.83                     |
|                            | 205     | 6975      | 6.87                     |
|                            | 209     | 6995      | 6.96                     |
|                            | 213     | 7015      | 6.81                     |
|                            | 217     | 7035      | 6.74                     |
|                            | 221     | 7055      | 6.88                     |
|                            | 225     | 7075      | 6.66                     |
| 802.11be EHT40             | 229     | 7095      | 6.9                      |
|                            | 233     | 7115      | 6.98                     |
|                            | 195     | 6925      | 9.74                     |
|                            | 203     | 6965      | 9.92                     |
|                            | 211     | 7005      | 9.98                     |
| 802.11be EHT80             | 219     | 7045      | 9.99                     |
|                            | 227     | 7085      | 9.95                     |
|                            | 199     | 6945      | 12.15                    |
| 802.11be EHT160            | 215     | 7025      | 12.49                    |
|                            | 207     | 6985      | 14.22                    |

| Conducted Power (1T1S)_LPI |         |           |                          |
|----------------------------|---------|-----------|--------------------------|
| UNII-8 Ant 1               |         |           |                          |
| Mode                       | Channel | Frequency | SISO Ant 1<br>Avg. Power |
| 802.11a                    | 185     | 6875      | 6.83                     |
|                            | 189     | 6895      | 6.89                     |
|                            | 193     | 6915      | 6.72                     |
|                            | 197     | 6935      | 6.81                     |
|                            | 201     | 6955      | 6.88                     |
|                            | 205     | 6975      | 6.75                     |
|                            | 209     | 6995      | 6.77                     |
|                            | 213     | 7015      | 6.67                     |
|                            | 217     | 7035      | 6.82                     |
|                            | 221     | 7055      | 6.67                     |
|                            | 225     | 7075      | 6.82                     |
|                            | 229     | 7095      | 6.72                     |
|                            | 233     | 7115      | 6.73                     |
| 802.11ax HE20              | 185     | 6875      | 6.65                     |
|                            | 189     | 6895      | 6.78                     |
|                            | 193     | 6915      | 6.75                     |
|                            | 197     | 6935      | 6.78                     |
|                            | 201     | 6955      | 6.79                     |
|                            | 205     | 6975      | 6.65                     |
|                            | 209     | 6995      | 6.73                     |
|                            | 213     | 7015      | 6.78                     |
|                            | 217     | 7035      | 6.83                     |
|                            | 221     | 7055      | 6.87                     |
|                            | 225     | 7075      | 6.99                     |
|                            | 229     | 7095      | 6.65                     |
|                            | 233     | 7115      | 6.73                     |
| 802.11ax HE40              | 195     | 6925      | 9.81                     |
|                            | 203     | 6965      | 9.76                     |
|                            | 211     | 7005      | 9.72                     |
|                            | 219     | 7045      | 9.74                     |
|                            | 227     | 7085      | 9.66                     |
| 802.11ax HE80              | 199     | 6945      | 12.32                    |
|                            | 215     | 7025      | 12.22                    |
| 802.11ax HE160             | 207     | 6985      | 14.37                    |
| 802.11be EHT20             | 185     | 6875      | 6.97                     |
|                            | 189     | 6895      | 6.94                     |
|                            | 193     | 6915      | 6.79                     |
|                            | 197     | 6935      | 6.95                     |
|                            | 201     | 6955      | 6.79                     |
|                            | 205     | 6975      | 6.92                     |
|                            | 209     | 6995      | 6.98                     |
|                            | 213     | 7015      | 6.77                     |
|                            | 217     | 7035      | 7                        |
|                            | 221     | 7055      | 6.9                      |
|                            | 225     | 7075      | 6.77                     |
|                            | 229     | 7095      | 6.66                     |
|                            | 233     | 7115      | 6.67                     |
| 802.11be EHT40             | 195     | 6925      | 9.88                     |
|                            | 203     | 6965      | 9.93                     |
|                            | 211     | 7005      | 9.65                     |
|                            | 219     | 7045      | 9.85                     |
|                            | 227     | 7085      | 9.83                     |
| 802.11be EHT80             | 199     | 6945      | 12.33                    |
|                            | 215     | 7025      | 12.35                    |
| 802.11be EHT160            | 207     | 6985      | 14.29                    |

| Conducted Power (1T1S)_VLP |         |           |                          |
|----------------------------|---------|-----------|--------------------------|
| UNII-5 Ant 0               |         |           |                          |
| Mode                       | Channel | Frequency | SISO Ant 0<br>Avg. Power |
| 802.11a                    | 1       | 5955      | 2.16                     |
|                            | 5       | 5975      | 2.54                     |
|                            | 9       | 5995      | 2.35                     |
|                            | 13      | 6015      | 2.26                     |
|                            | 17      | 6035      | 2.31                     |
|                            | 21      | 6055      | 2.31                     |
|                            | 25      | 6075      | 2.48                     |
|                            | 29      | 6095      | 2.27                     |
|                            | 33      | 6115      | 2.5                      |
|                            | 37      | 6135      | 2.53                     |
|                            | 41      | 6155      | 2.21                     |
|                            | 45      | 6175      | 2.39                     |
|                            | 49      | 6195      | 2.44                     |
|                            | 53      | 6215      | 2.37                     |
|                            | 57      | 6235      | 2.15                     |
|                            | 61      | 6255      | 2.15                     |
|                            | 65      | 6275      | 2.3                      |
|                            | 69      | 6295      | 2.2                      |
|                            | 73      | 6315      | 2.54                     |
|                            | 77      | 6335      | 2.24                     |
| 802.11ax HE20              | 81      | 6355      | 2.43                     |
|                            | 85      | 6375      | 2.18                     |
|                            | 89      | 6395      | 2.37                     |
|                            | 93      | 6415      | 2.5                      |
|                            | 1       | 5955      | 2.54                     |
|                            | 5       | 5975      | 2.5                      |
|                            | 9       | 5995      | 2.32                     |
|                            | 13      | 6015      | 2.22                     |
|                            | 17      | 6035      | 2.25                     |
|                            | 21      | 6055      | 2.19                     |
|                            | 25      | 6075      | 2.45                     |
|                            | 29      | 6095      | 2.29                     |
|                            | 33      | 6115      | 2.15                     |
|                            | 37      | 6135      | 2.41                     |
|                            | 41      | 6155      | 2.43                     |
|                            | 45      | 6175      | 2.22                     |
|                            | 49      | 6195      | 2.29                     |
|                            | 53      | 6215      | 2.23                     |
|                            | 57      | 6235      | 2.5                      |
|                            | 61      | 6255      | 2.52                     |
| 802.11ax HE40              | 65      | 6275      | 2.47                     |
|                            | 69      | 6295      | 2.47                     |
|                            | 73      | 6315      | 2.38                     |
|                            | 77      | 6335      | 2.46                     |
|                            | 81      | 6355      | 2.4                      |
|                            | 85      | 6375      | 2.35                     |
|                            | 89      | 6395      | 2.35                     |
|                            | 93      | 6415      | 2.24                     |
|                            | 3       | 5965      | 5.3                      |
|                            | 11      | 6005      | 5.53                     |
|                            | 19      | 6045      | 5.48                     |
|                            | 27      | 6085      | 5.22                     |
| 802.11ax HE80              | 35      | 6125      | 5.3                      |
|                            | 43      | 6165      | 5.43                     |
|                            | 51      | 6205      | 5.16                     |
|                            | 59      | 6245      | 5.22                     |
|                            | 67      | 6285      | 5.38                     |
|                            | 75      | 6325      | 5.41                     |
|                            | 83      | 6365      | 5.54                     |
|                            | 91      | 6405      | 5.44                     |
| 802.11ax HE160             | 7       | 5985      | 8.34                     |
|                            | 23      | 6065      | 8.2                      |
|                            | 39      | 6145      | 8.48                     |
|                            | 55      | 6225      | 8.28                     |
|                            | 71      | 6305      | 8.31                     |
|                            | 87      | 6385      | 8.45                     |
|                            | 15      | 6025      | 8.99                     |
|                            | 47      | 6185      | 9.01                     |
|                            | 79      | 6345      | 8.71                     |

| Conducted Power (1T1S)_VLP |         |           |                          |
|----------------------------|---------|-----------|--------------------------|
| UNII-5 Ant 0               |         |           |                          |
| Mode                       | Channel | Frequency | SISO Ant 0<br>Avg. Power |
| 802.11be EHT20             | 1       | 5955      | 2.46                     |
|                            | 5       | 5975      | 2.46                     |
|                            | 9       | 5995      | 2.2                      |
|                            | 13      | 6015      | 2.28                     |
|                            | 17      | 6035      | 2.44                     |
|                            | 21      | 6055      | 2.46                     |
|                            | 25      | 6075      | 2.51                     |
|                            | 29      | 6095      | 2.5                      |
|                            | 33      | 6115      | 2.23                     |
|                            | 37      | 6135      | 2.5                      |
|                            | 41      | 6155      | 2.18                     |
|                            | 45      | 6175      | 2.5                      |
|                            | 49      | 6195      | 2.22                     |
|                            | 53      | 6215      | 2.26                     |
|                            | 57      | 6235      | 2.53                     |
|                            | 61      | 6255      | 2.49                     |
|                            | 65      | 6275      | 2.49                     |
|                            | 69      | 6295      | 2.39                     |
|                            | 73      | 6315      | 2.42                     |
|                            | 77      | 6335      | 2.52                     |
| 802.11be EHT40             | 81      | 6355      | 2.44                     |
|                            | 85      | 6375      | 2.41                     |
|                            | 89      | 6395      | 2.36                     |
|                            | 93      | 6415      | 2.17                     |
|                            | 3       | 5965      | 5.82                     |
|                            | 11      | 6005      | 5.83                     |
|                            | 19      | 6045      | 5.89                     |
|                            | 27      | 6085      | 5.95                     |
|                            | 35      | 6125      | 5.86                     |
|                            | 43      | 6165      | 5.94                     |
| 802.11be EHT80             | 51      | 6205      | 5.91                     |
|                            | 59      | 6245      | 5.67                     |
|                            | 67      | 6285      | 5.87                     |
|                            | 75      | 6325      | 6.03                     |
|                            | 83      | 6365      | 5.78                     |
|                            | 91      | 6405      | 5.83                     |
| 802.11be EHT160            | 7       | 5985      | 8.27                     |
|                            | 23      | 6065      | 8.28                     |
|                            | 39      | 6145      | 8.22                     |
|                            | 55      | 6225      | 8.55                     |
|                            | 71      | 6305      | 8.31                     |
|                            | 87      | 6385      | 8.2                      |
|                            | 15      | 6025      | 8.73                     |
|                            | 47      | 6185      | 8.89                     |
|                            | 79      | 6345      | 8.66                     |

| Conducted Power (1T1S)_VLP |         |           |                          |
|----------------------------|---------|-----------|--------------------------|
| UNII-5 Ant 1               |         |           |                          |
| Mode                       | Channel | Frequency | SISO Ant 1<br>Avg. Power |
| 802.11a                    | 1       | 5955      | 2.27                     |
|                            | 5       | 5975      | 2.48                     |
|                            | 9       | 5995      | 2.2                      |
|                            | 13      | 6015      | 2.41                     |
|                            | 17      | 6035      | 2.39                     |
|                            | 21      | 6055      | 2.16                     |
|                            | 25      | 6075      | 2.37                     |
|                            | 29      | 6095      | 2.4                      |
|                            | 33      | 6115      | 2.18                     |
|                            | 37      | 6135      | 2.3                      |
|                            | 41      | 6155      | 2.41                     |
|                            | 45      | 6175      | 2.28                     |
|                            | 49      | 6195      | 2.4                      |
|                            | 53      | 6215      | 2.21                     |
|                            | 57      | 6235      | 2.5                      |
|                            | 61      | 6255      | 2.29                     |
|                            | 65      | 6275      | 2.43                     |
|                            | 69      | 6295      | 2.42                     |
|                            | 73      | 6315      | 2.18                     |
|                            | 77      | 6335      | 2.25                     |
| 802.11ax HE20              | 81      | 6355      | 2.29                     |
|                            | 85      | 6375      | 2.25                     |
|                            | 89      | 6395      | 2.37                     |
|                            | 93      | 6415      | 2.41                     |
|                            | 1       | 5955      | 2.53                     |
|                            | 5       | 5975      | 2.47                     |
|                            | 9       | 5995      | 2.49                     |
|                            | 13      | 6015      | 2.42                     |
|                            | 17      | 6035      | 2.39                     |
|                            | 21      | 6055      | 2.24                     |
|                            | 25      | 6075      | 2.16                     |
|                            | 29      | 6095      | 2.49                     |
|                            | 33      | 6115      | 2.48                     |
|                            | 37      | 6135      | 2.26                     |
|                            | 41      | 6155      | 2.46                     |
|                            | 45      | 6175      | 2.45                     |
|                            | 49      | 6195      | 2.52                     |
|                            | 53      | 6215      | 2.47                     |
|                            | 57      | 6235      | 2.17                     |
|                            | 61      | 6255      | 2.45                     |
| 802.11ax HE40              | 65      | 6275      | 2.15                     |
|                            | 69      | 6295      | 2.2                      |
|                            | 73      | 6315      | 2.24                     |
|                            | 77      | 6335      | 2.4                      |
|                            | 81      | 6355      | 2.16                     |
|                            | 85      | 6375      | 2.46                     |
|                            | 89      | 6395      | 2.15                     |
|                            | 93      | 6415      | 2.21                     |
|                            | 3       | 5965      | 5.28                     |
|                            | 11      | 6005      | 5.51                     |
|                            | 19      | 6045      | 5.39                     |
|                            | 27      | 6085      | 5.21                     |
| 802.11ax HE80              | 35      | 6125      | 5.37                     |
|                            | 43      | 6165      | 5.49                     |
|                            | 51      | 6205      | 5.16                     |
|                            | 59      | 6245      | 5.37                     |
|                            | 67      | 6285      | 5.41                     |
|                            | 75      | 6325      | 5.2                      |
|                            | 83      | 6365      | 5.23                     |
|                            | 91      | 6405      | 5.3                      |
| 802.11ax HE160             | 7       | 5985      | 8.41                     |
|                            | 23      | 6065      | 8.53                     |
|                            | 39      | 6145      | 8.5                      |
|                            | 55      | 6225      | 8.42                     |
|                            | 71      | 6305      | 8.54                     |
|                            | 87      | 6385      | 8.15                     |
|                            | 15      | 6025      | 8.85                     |
|                            | 47      | 6185      | 9.02                     |
|                            | 79      | 6345      | 8.77                     |

| Conducted Power (1T1S)_VLP |         |           |                          |
|----------------------------|---------|-----------|--------------------------|
| UNII-5 Ant 1               |         |           |                          |
| Mode                       | Channel | Frequency | SISO Ant 1<br>Avg. Power |
| 802.11be EHT20             | 1       | 5955      | 2.33                     |
|                            | 5       | 5975      | 2.42                     |
|                            | 9       | 5995      | 2.18                     |
|                            | 13      | 6015      | 2.41                     |
|                            | 17      | 6035      | 2.5                      |
|                            | 21      | 6055      | 2.35                     |
|                            | 25      | 6075      | 2.23                     |
|                            | 29      | 6095      | 2.36                     |
|                            | 33      | 6115      | 2.15                     |
|                            | 37      | 6135      | 2.32                     |
|                            | 41      | 6155      | 2.54                     |
|                            | 45      | 6175      | 2.38                     |
|                            | 49      | 6195      | 2.5                      |
|                            | 53      | 6215      | 2.53                     |
|                            | 57      | 6235      | 2.17                     |
|                            | 61      | 6255      | 2.28                     |
|                            | 65      | 6275      | 2.48                     |
|                            | 69      | 6295      | 2.16                     |
|                            | 73      | 6315      | 2.54                     |
|                            | 77      | 6335      | 2.36                     |
| 802.11be EHT40             | 81      | 6355      | 2.35                     |
|                            | 85      | 6375      | 2.47                     |
|                            | 89      | 6395      | 2.16                     |
|                            | 93      | 6415      | 2.43                     |
|                            | 3       | 5965      | 5.79                     |
|                            | 11      | 6005      | 5.94                     |
|                            | 19      | 6045      | 6.04                     |
|                            | 27      | 6085      | 5.66                     |
|                            | 35      | 6125      | 5.68                     |
|                            | 43      | 6165      | 5.65                     |
| 802.11be EHT80             | 51      | 6205      | 5.72                     |
|                            | 59      | 6245      | 5.93                     |
|                            | 67      | 6285      | 5.84                     |
|                            | 75      | 6325      | 5.93                     |
|                            | 83      | 6365      | 5.91                     |
|                            | 91      | 6405      | 5.94                     |
| 802.11be EHT160            | 7       | 5985      | 8.54                     |
|                            | 23      | 6065      | 8.17                     |
|                            | 39      | 6145      | 8.54                     |
|                            | 55      | 6225      | 8.5                      |
|                            | 71      | 6305      | 8.35                     |
|                            | 87      | 6385      | 8.54                     |
|                            | 15      | 6025      | 8.69                     |
|                            | 47      | 6185      | 8.92                     |
|                            | 79      | 6345      | 8.9                      |

| Conducted Power (1T1S)_VLP |         |           |                          |
|----------------------------|---------|-----------|--------------------------|
| UNII-6 Ant 0               |         |           |                          |
| Mode                       | Channel | Frequency | SISO Ant 0<br>Avg. Power |
| 802.11a                    | 97      | 6435      | 2.53                     |
|                            | 101     | 6455      | 2.39                     |
|                            | 105     | 6475      | 2.44                     |
|                            | 109     | 6495      | 2.21                     |
|                            | 113     | 6515      | 2.26                     |
| 802.11ax HE20              | 97      | 6435      | 2.49                     |
|                            | 101     | 6455      | 2.31                     |
|                            | 105     | 6475      | 2.29                     |
|                            | 109     | 6495      | 2.21                     |
|                            | 113     | 6515      | 2.16                     |
| 802.11ax HE40              | 99      | 6445      | 5.24                     |
|                            | 107     | 6485      | 5.18                     |
|                            | 115     | 6525      | 5.34                     |
| 802.11ax HE80              | 103     | 6465      | 8.31                     |
|                            | 119     | 6545      | 8.34                     |
| 802.11ax HE160             | 111     | 6505      | 8.88                     |
| 802.11be EHT20             | 97      | 6435      | 2.96                     |
|                            | 101     | 6455      | 2.99                     |
|                            | 105     | 6475      | 2.87                     |
|                            | 109     | 6495      | 2.82                     |
|                            | 113     | 6515      | 2.97                     |
| 802.11be EHT40             | 99      | 6445      | 5.5                      |
|                            | 107     | 6485      | 5.27                     |
|                            | 115     | 6525      | 5.32                     |
| 802.11be EHT80             | 103     | 6465      | 8.44                     |
|                            | 119     | 6545      | 8.2                      |
| 802.11be EHT160            | 111     | 6505      | 8.85                     |

| Conducted Power (1T1S)_VLP |         |           |                          |
|----------------------------|---------|-----------|--------------------------|
| UNII-6 Ant 1               |         |           |                          |
| Mode                       | Channel | Frequency | SISO Ant 1<br>Avg. Power |
| 802.11a                    | 97      | 6435      | 2.17                     |
|                            | 101     | 6455      | 2.28                     |
|                            | 105     | 6475      | 2.26                     |
|                            | 109     | 6495      | 2.22                     |
|                            | 113     | 6515      | 2.5                      |
| 802.11ax HE20              | 97      | 6435      | 2.31                     |
|                            | 101     | 6455      | 2.34                     |
|                            | 105     | 6475      | 2.3                      |
|                            | 109     | 6495      | 2.47                     |
|                            | 113     | 6515      | 2.2                      |
| 802.11ax HE40              | 99      | 6445      | 5.36                     |
|                            | 107     | 6485      | 5.52                     |
|                            | 115     | 6525      | 5.19                     |
| 802.11ax HE80              | 103     | 6465      | 8.16                     |
|                            | 119     | 6545      | 8.28                     |
| 802.11ax HE160             | 111     | 6505      | 8.94                     |
| 802.11be EHT20             | 97      | 6435      | 2.91                     |
|                            | 101     | 6455      | 3.03                     |
|                            | 105     | 6475      | 2.84                     |
|                            | 109     | 6495      | 3.05                     |
|                            | 113     | 6515      | 2.7                      |
| 802.11be EHT40             | 99      | 6445      | 5.37                     |
|                            | 107     | 6485      | 5.45                     |
|                            | 115     | 6525      | 5.15                     |
| 802.11be EHT80             | 103     | 6465      | 8.51                     |
|                            | 119     | 6545      | 8.36                     |
| 802.11be EHT160            | 111     | 6505      | 8.71                     |

| Conducted Power (1T1S)_VLP |         |           |                          |
|----------------------------|---------|-----------|--------------------------|
| UNII-7 Ant 0               |         |           |                          |
| Mode                       | Channel | Frequency | SISO Ant 0<br>Avg. Power |
| 802.11a                    | 117     | 6535      | 2.31                     |
|                            | 121     | 6555      | 2.24                     |
|                            | 125     | 6575      | 2.26                     |
|                            | 129     | 6595      | 2.46                     |
|                            | 133     | 6615      | 2.28                     |
|                            | 137     | 6635      | 2.39                     |
|                            | 141     | 6655      | 2.28                     |
|                            | 145     | 6675      | 2.17                     |
|                            | 149     | 6695      | 2.28                     |
|                            | 153     | 6715      | 2.21                     |
|                            | 157     | 6735      | 2.42                     |
|                            | 161     | 6755      | 2.38                     |
|                            | 165     | 6775      | 2.16                     |
|                            | 169     | 6795      | 2.32                     |
|                            | 173     | 6815      | 2.27                     |
|                            | 177     | 6835      | 2.16                     |
|                            | 181     | 6855      | 2.29                     |
| 802.11ax HE20              | 117     | 6535      | 2.35                     |
|                            | 121     | 6555      | 2.46                     |
|                            | 125     | 6575      | 2.5                      |
|                            | 129     | 6595      | 2.29                     |
|                            | 133     | 6615      | 2.28                     |
|                            | 137     | 6635      | 2.31                     |
|                            | 141     | 6655      | 2.42                     |
|                            | 145     | 6675      | 2.28                     |
|                            | 149     | 6695      | 2.46                     |
|                            | 153     | 6715      | 2.18                     |
|                            | 157     | 6735      | 2.2                      |
|                            | 161     | 6755      | 2.43                     |
|                            | 165     | 6775      | 2.54                     |
|                            | 169     | 6795      | 2.21                     |
|                            | 173     | 6815      | 2.53                     |
|                            | 177     | 6835      | 2.31                     |
|                            | 181     | 6855      | 2.17                     |
| 802.11ax HE40              | 123     | 6565      | 5.49                     |
|                            | 131     | 6605      | 5.31                     |
|                            | 139     | 6645      | 5.52                     |
|                            | 147     | 6685      | 5.38                     |
|                            | 155     | 6725      | 5.54                     |
|                            | 163     | 6765      | 5.45                     |
|                            | 171     | 6805      | 5.29                     |
|                            | 179     | 6845      | 5.51                     |
| 802.11ax HE80              | 187     | 6885      | 5.77                     |
|                            | 135     | 6625      | 8.4                      |
|                            | 151     | 6705      | 8.26                     |
|                            | 167     | 6785      | 8.54                     |
| 802.11ax HE160             | 183     | 6865      | 8.17                     |
|                            | 143     | 6665      | 8.66                     |
|                            | 175     | 6825      | 8.85                     |

| Conducted Power (1T1S)_VLP |         |           |                          |
|----------------------------|---------|-----------|--------------------------|
| UNII-7 Ant 0               |         |           |                          |
| Mode                       | Channel | Frequency | SISO Ant 0<br>Avg. Power |
| 802.11be EHT20             | 117     | 6535      | 2.32                     |
|                            | 121     | 6555      | 2.19                     |
|                            | 125     | 6575      | 2.35                     |
|                            | 129     | 6595      | 2.5                      |
|                            | 133     | 6615      | 2.3                      |
|                            | 137     | 6635      | 2.4                      |
|                            | 141     | 6655      | 2.24                     |
|                            | 145     | 6675      | 2.22                     |
|                            | 149     | 6695      | 2.38                     |
|                            | 153     | 6715      | 2.28                     |
|                            | 157     | 6735      | 2.27                     |
|                            | 161     | 6755      | 2.29                     |
|                            | 165     | 6775      | 2.22                     |
|                            | 169     | 6795      | 2.35                     |
|                            | 173     | 6815      | 2.35                     |
|                            | 177     | 6835      | 2.21                     |
|                            | 181     | 6855      | 2.47                     |
| 802.11be EHT40             | 123     | 6565      | 5.22                     |
|                            | 131     | 6605      | 5.36                     |
|                            | 139     | 6645      | 5.43                     |
|                            | 147     | 6685      | 5.34                     |
|                            | 155     | 6725      | 5.38                     |
|                            | 163     | 6765      | 5.23                     |
|                            | 171     | 6805      | 5.44                     |
|                            | 179     | 6845      | 5.17                     |
| 802.11be EHT80             | 187     | 6885      | 5.8                      |
|                            | 135     | 6625      | 8.38                     |
|                            | 151     | 6705      | 8.18                     |
|                            | 167     | 6785      | 8.2                      |
| 802.11be EHT160            | 183     | 6865      | 8.49                     |
|                            | 143     | 6665      | 8.76                     |
|                            | 175     | 6825      | 8.99                     |

| Conducted Power (1T1S)_VLP |         |           |                          |
|----------------------------|---------|-----------|--------------------------|
| UNII-7 Ant 1               |         |           |                          |
| Mode                       | Channel | Frequency | SISO Ant 1<br>Avg. Power |
| 802.11a                    | 117     | 6535      | 2.47                     |
|                            | 121     | 6555      | 2.51                     |
|                            | 125     | 6575      | 2.34                     |
|                            | 129     | 6595      | 2.37                     |
|                            | 133     | 6615      | 2.49                     |
|                            | 137     | 6635      | 2.5                      |
|                            | 141     | 6655      | 2.26                     |
|                            | 145     | 6675      | 2.43                     |
|                            | 149     | 6695      | 2.24                     |
|                            | 153     | 6715      | 2.47                     |
|                            | 157     | 6735      | 2.52                     |
|                            | 161     | 6755      | 2.26                     |
|                            | 165     | 6775      | 2.25                     |
|                            | 169     | 6795      | 2.17                     |
|                            | 173     | 6815      | 2.2                      |
|                            | 177     | 6835      | 2.52                     |
|                            | 181     | 6855      | 2.53                     |
| 802.11ax HE20              | 117     | 6535      | 2.2                      |
|                            | 121     | 6555      | 2.15                     |
|                            | 125     | 6575      | 2.35                     |
|                            | 129     | 6595      | 2.49                     |
|                            | 133     | 6615      | 2.54                     |
|                            | 137     | 6635      | 2.53                     |
|                            | 141     | 6655      | 2.42                     |
|                            | 145     | 6675      | 2.43                     |
|                            | 149     | 6695      | 2.33                     |
|                            | 153     | 6715      | 2.17                     |
|                            | 157     | 6735      | 2.47                     |
|                            | 161     | 6755      | 2.16                     |
|                            | 165     | 6775      | 2.29                     |
|                            | 169     | 6795      | 2.41                     |
|                            | 173     | 6815      | 2.23                     |
|                            | 177     | 6835      | 2.43                     |
|                            | 181     | 6855      | 2.43                     |
| 802.11ax HE40              | 123     | 6565      | 5.27                     |
|                            | 131     | 6605      | 5.4                      |
|                            | 139     | 6645      | 5.33                     |
|                            | 147     | 6685      | 5.47                     |
|                            | 155     | 6725      | 5.53                     |
|                            | 163     | 6765      | 5.2                      |
|                            | 171     | 6805      | 5.23                     |
|                            | 179     | 6845      | 5.48                     |
| 802.11ax HE80              | 187     | 6885      | 5.75                     |
|                            | 135     | 6625      | 8.5                      |
|                            | 151     | 6705      | 8.39                     |
|                            | 167     | 6785      | 8.26                     |
| 802.11ax HE160             | 183     | 6865      | 8.48                     |
|                            | 143     | 6665      | 8.74                     |
|                            | 175     | 6825      | 8.98                     |

| Conducted Power (1T1S)_VLP |         |           |                          |
|----------------------------|---------|-----------|--------------------------|
| UNII-7 Ant 1               |         |           |                          |
| Mode                       | Channel | Frequency | SISO Ant 1<br>Avg. Power |
| 802.11be EHT20             | 117     | 6535      | 2.43                     |
|                            | 121     | 6555      | 2.43                     |
|                            | 125     | 6575      | 2.39                     |
|                            | 129     | 6595      | 2.23                     |
|                            | 133     | 6615      | 2.3                      |
|                            | 137     | 6635      | 2.5                      |
|                            | 141     | 6655      | 2.49                     |
|                            | 145     | 6675      | 2.43                     |
|                            | 149     | 6695      | 2.41                     |
|                            | 153     | 6715      | 2.18                     |
|                            | 157     | 6735      | 2.39                     |
|                            | 161     | 6755      | 2.15                     |
|                            | 165     | 6775      | 2.3                      |
|                            | 169     | 6795      | 2.29                     |
|                            | 173     | 6815      | 2.53                     |
|                            | 177     | 6835      | 2.44                     |
| 802.11be EHT40             | 181     | 6855      | 2.43                     |
|                            | 123     | 6565      | 5.38                     |
|                            | 131     | 6605      | 5.23                     |
|                            | 139     | 6645      | 5.54                     |
|                            | 147     | 6685      | 5.55                     |
|                            | 155     | 6725      | 5.32                     |
|                            | 163     | 6765      | 5.5                      |
|                            | 171     | 6805      | 5.4                      |
| 802.11be EHT80             | 179     | 6845      | 5.29                     |
|                            | 187     | 6885      | 5.97                     |
|                            | 135     | 6625      | 8.55                     |
|                            | 151     | 6705      | 8.38                     |
| 802.11be EHT160            | 167     | 6785      | 8.54                     |
|                            | 183     | 6865      | 8.46                     |
|                            | 143     | 6665      | 8.67                     |
|                            | 175     | 6825      | 9                        |

| Conducted Power (1T1S)_VLP |         |           |                          |
|----------------------------|---------|-----------|--------------------------|
| UNII-8 Ant 0               |         |           |                          |
| Mode                       | Channel | Frequency | SISO Ant 0<br>Avg. Power |
| 802.11a                    | 185     | 6875      | 2.33                     |
|                            | 189     | 6895      | 2.33                     |
|                            | 193     | 6915      | 2.18                     |
|                            | 197     | 6935      | 2.32                     |
|                            | 201     | 6955      | 2.28                     |
|                            | 205     | 6975      | 2.47                     |
|                            | 209     | 6995      | 2.43                     |
|                            | 213     | 7015      | 2.47                     |
|                            | 217     | 7035      | 2.39                     |
|                            | 221     | 7055      | 2.32                     |
|                            | 225     | 7075      | 2.28                     |
|                            | 229     | 7095      | 2.27                     |
|                            | 233     | 7115      | 2.16                     |
| 802.11ax HE20              | 185     | 6875      | 2.68                     |
|                            | 189     | 6895      | 2.74                     |
|                            | 193     | 6915      | 2.87                     |
|                            | 197     | 6935      | 2.99                     |
|                            | 201     | 6955      | 2.88                     |
|                            | 205     | 6975      | 2.8                      |
|                            | 209     | 6995      | 2.93                     |
|                            | 213     | 7015      | 2.94                     |
|                            | 217     | 7035      | 2.85                     |
|                            | 221     | 7055      | 2.71                     |
|                            | 225     | 7075      | 2.91                     |
|                            | 229     | 7095      | 2.84                     |
|                            | 233     | 7115      | 2.92                     |
| 802.11ax HE40              | 195     | 6925      | 5.89                     |
|                            | 203     | 6965      | 5.76                     |
|                            | 211     | 7005      | 5.9                      |
|                            | 219     | 7045      | 5.82                     |
|                            | 227     | 7085      | 6.01                     |
| 802.11ax HE80              | 199     | 6945      | 8.95                     |
|                            | 215     | 7025      | 8.99                     |
| 802.11ax HE160             | 207     | 6985      | 9.49                     |
| 802.11be EHT20             | 185     | 6875      | 3.27                     |
|                            | 189     | 6895      | 3.24                     |
|                            | 193     | 6915      | 3.53                     |
|                            | 197     | 6935      | 3.45                     |
|                            | 201     | 6955      | 3.51                     |
|                            | 205     | 6975      | 3.47                     |
|                            | 209     | 6995      | 3.18                     |
|                            | 213     | 7015      | 3.47                     |
|                            | 217     | 7035      | 3.27                     |
|                            | 221     | 7055      | 3.38                     |
|                            | 225     | 7075      | 3.2                      |
|                            | 229     | 7095      | 3.18                     |
|                            | 233     | 7115      | 3.42                     |
| 802.11be EHT40             | 195     | 6925      | 5.86                     |
|                            | 203     | 6965      | 5.83                     |
|                            | 211     | 7005      | 5.98                     |
|                            | 219     | 7045      | 6.03                     |
|                            | 227     | 7085      | 5.88                     |
| 802.11be EHT80             | 199     | 6945      | 8.84                     |
|                            | 215     | 7025      | 8.98                     |
| 802.11be EHT160            | 207     | 6985      | 9.18                     |

| Conducted Power (1T1S)_VLP |         |           |                          |
|----------------------------|---------|-----------|--------------------------|
| UNII-8 Ant 1               |         |           |                          |
| Mode                       | Channel | Frequency | SISO Ant 1<br>Avg. Power |
| 802.11a                    | 185     | 6875      | 2.31                     |
|                            | 189     | 6895      | 2.43                     |
|                            | 193     | 6915      | 2.4                      |
|                            | 197     | 6935      | 2.22                     |
|                            | 201     | 6955      | 2.17                     |
|                            | 205     | 6975      | 2.22                     |
|                            | 209     | 6995      | 2.26                     |
|                            | 213     | 7015      | 2.15                     |
|                            | 217     | 7035      | 2.24                     |
|                            | 221     | 7055      | 2.37                     |
|                            | 225     | 7075      | 2.22                     |
|                            | 229     | 7095      | 2.23                     |
|                            | 233     | 7115      | 2.35                     |
| 802.11ax HE20              | 185     | 6875      | 3.03                     |
|                            | 189     | 6895      | 3                        |
|                            | 193     | 6915      | 2.66                     |
|                            | 197     | 6935      | 2.9                      |
|                            | 201     | 6955      | 2.97                     |
|                            | 205     | 6975      | 2.85                     |
|                            | 209     | 6995      | 2.68                     |
|                            | 213     | 7015      | 2.92                     |
|                            | 217     | 7035      | 2.7                      |
|                            | 221     | 7055      | 2.81                     |
|                            | 225     | 7075      | 2.65                     |
|                            | 229     | 7095      | 3.05                     |
|                            | 233     | 7115      | 2.75                     |
| 802.11ax HE40              | 195     | 6925      | 5.66                     |
|                            | 203     | 6965      | 5.99                     |
|                            | 211     | 7005      | 6.03                     |
|                            | 219     | 7045      | 5.78                     |
|                            | 227     | 7085      | 5.72                     |
| 802.11ax HE80              | 199     | 6945      | 8.87                     |
|                            | 215     | 7025      | 8.77                     |
| 802.11ax HE160             | 207     | 6985      | 9.48                     |
| 802.11be EHT20             | 185     | 6875      | 3.55                     |
|                            | 189     | 6895      | 3.45                     |
|                            | 193     | 6915      | 3.34                     |
|                            | 197     | 6935      | 3.27                     |
|                            | 201     | 6955      | 3.35                     |
|                            | 205     | 6975      | 3.2                      |
|                            | 209     | 6995      | 3.42                     |
|                            | 213     | 7015      | 3.22                     |
|                            | 217     | 7035      | 3.54                     |
|                            | 221     | 7055      | 3.3                      |
|                            | 225     | 7075      | 3.23                     |
|                            | 229     | 7095      | 3.52                     |
|                            | 233     | 7115      | 3.46                     |
| 802.11be EHT40             | 195     | 6925      | 5.82                     |
|                            | 203     | 6965      | 5.69                     |
|                            | 211     | 7005      | 5.97                     |
|                            | 219     | 7045      | 5.87                     |
|                            | 227     | 7085      | 5.81                     |
| 802.11be EHT80             | 199     | 6945      | 8.71                     |
|                            | 215     | 7025      | 8.74                     |
| 802.11be EHT160            | 207     | 6985      | 9.15                     |

| Conducted Power (2T) |         |           |                          |                          |                            |
|----------------------|---------|-----------|--------------------------|--------------------------|----------------------------|
| WLAN2.4GHz Ant 0+1   |         |           |                          |                          |                            |
| Mode                 | Channel | Frequency | MIMO Ant 0<br>Avg. Power | MIMO Ant 1<br>Avg. Power | MIMO Ant 0+1<br>Avg. Power |
| 802.11b              | 1       | 2412      | 16.19                    | 16.17                    | 19.19                      |
|                      | 6       | 2437      | 16.07                    | 16.13                    | 19.11                      |
|                      | 11      | 2462      | 16.21                    | 16.19                    | 19.21                      |
|                      | 12      | 2467      | 14.64                    | 14.68                    | 17.67                      |
|                      | 13      | 2472      | 10.32                    | 10.46                    | 13.40                      |
| 802.11g              | 1       | 2412      | 16.11                    | 16.01                    | 19.07                      |
|                      | 6       | 2437      | 16.12                    | 16.12                    | 19.13                      |
|                      | 11      | 2462      | 16.04                    | 16.02                    | 19.04                      |
|                      | 12      | 2467      | 16.03                    | 16.14                    | 19.10                      |
|                      | 13      | 2472      | 13.42                    | 13.3                     | 16.37                      |
| 802.11n HT20         | 1       | 2412      | 16                       | 16.06                    | 19.04                      |
|                      | 6       | 2437      | 16.03                    | 16.14                    | 19.10                      |
|                      | 11      | 2462      | 16.03                    | 16.12                    | 19.09                      |
|                      | 12      | 2467      | 15.99                    | 16.14                    | 19.08                      |
|                      | 13      | 2472      | 16.13                    | 16.03                    | 19.09                      |
| 802.11n HT40         | 3       | 2422      | 16.11                    | 16.1                     | 19.12                      |
|                      | 6       | 2437      | 16.02                    | 16.07                    | 19.06                      |
|                      | 9       | 2452      | 16.02                    | 15.99                    | 19.02                      |
|                      | 10      | 2457      | 15.97                    | 15.99                    | 18.99                      |
|                      | 11      | 2462      | 15.97                    | 16.04                    | 19.02                      |
| 802.11ax HE20        | 1       | 2412      | 15.96                    | 16.04                    | 19.01                      |
|                      | 6       | 2437      | 16.06                    | 16.11                    | 19.10                      |
|                      | 11      | 2462      | 16.05                    | 16.02                    | 19.05                      |
|                      | 12      | 2467      | 16.01                    | 15.98                    | 19.01                      |
|                      | 13      | 2472      | 15.99                    | 16.02                    | 19.02                      |
| 802.11ax HE40        | 3       | 2422      | 16.13                    | 16.12                    | 19.14                      |
|                      | 6       | 2437      | 16.07                    | 16.12                    | 19.11                      |
|                      | 9       | 2452      | 16                       | 16.08                    | 19.05                      |
|                      | 10      | 2457      | 16.1                     | 15.96                    | 19.04                      |
|                      | 11      | 2462      | 16.02                    | 16.07                    | 19.06                      |
| 802.11be EHT20       | 1       | 2412      | 15.99                    | 16.11                    | 19.06                      |
|                      | 6       | 2437      | 16                       | 16.13                    | 19.08                      |
|                      | 11      | 2462      | 16.06                    | 16.14                    | 19.11                      |
|                      | 12      | 2467      | 16.08                    | 15.98                    | 19.04                      |
|                      | 13      | 2472      | 16.05                    | 15.98                    | 19.03                      |
| 802.11be EHT40       | 3       | 2422      | 16.01                    | 16.07                    | 19.05                      |
|                      | 6       | 2437      | 16.03                    | 16                       | 19.03                      |
|                      | 9       | 2452      | 16.14                    | 15.96                    | 19.06                      |
|                      | 10      | 2457      | 16.07                    | 15.97                    | 19.03                      |
|                      | 11      | 2462      | 16.13                    | 16.14                    | 19.15                      |

| Conducted Power (2T) |         |           |                          |                          |                            |
|----------------------|---------|-----------|--------------------------|--------------------------|----------------------------|
| WLAN 5.2GHz Ant 0+1  |         |           |                          |                          |                            |
| Mode                 | Channel | Frequency | MIMO Ant 0<br>Avg. Power | MIMO Ant 1<br>Avg. Power | MIMO Ant 0+1<br>Avg. Power |
| 802.11a              | 36      | 5180      | 14.95                    | 14.88                    | 17.93                      |
|                      | 40      | 5200      | 14.8                     | 14.88                    | 17.85                      |
|                      | 44      | 5220      | 14.77                    | 14.82                    | 17.81                      |
|                      | 48      | 5240      | 14.78                    | 14.79                    | 17.8                       |
| 802.11n HT20         | 36      | 5180      | 14.75                    | 14.87                    | 17.82                      |
|                      | 40      | 5200      | 14.92                    | 14.81                    | 17.88                      |
|                      | 44      | 5220      | 14.81                    | 14.9                     | 17.87                      |
|                      | 48      | 5240      | 14.78                    | 14.92                    | 17.86                      |
| 802.11n HT40         | 38      | 5190      | 14.84                    | 14.89                    | 17.88                      |
|                      | 46      | 5230      | 14.8                     | 14.78                    | 17.8                       |
| 802.11ac VHT20       | 36      | 5180      | 14.89                    | 14.88                    | 17.9                       |
|                      | 40      | 5200      | 14.89                    | 14.77                    | 17.84                      |
|                      | 44      | 5220      | 14.79                    | 14.91                    | 17.86                      |
|                      | 48      | 5240      | 14.75                    | 14.94                    | 17.86                      |
| 802.11ac VHT40       | 38      | 5190      | 14.83                    | 14.76                    | 17.81                      |
|                      | 46      | 5230      | 14.87                    | 14.77                    | 17.83                      |
| 802.11ac VHT80       | 42      | 5210      | 14.95                    | 14.93                    | 17.95                      |
| 802.11ax HE20        | 36      | 5180      | 14.83                    | 14.95                    | 17.9                       |
|                      | 40      | 5200      | 14.86                    | 14.85                    | 17.87                      |
|                      | 44      | 5220      | 14.89                    | 14.78                    | 17.85                      |
|                      | 48      | 5240      | 14.87                    | 14.82                    | 17.86                      |
| 802.11ax HE40        | 38      | 5190      | 14.84                    | 14.75                    | 17.81                      |
|                      | 46      | 5230      | 14.82                    | 14.78                    | 17.81                      |
| 802.11ax HE80        | 42      | 5210      | 14.86                    | 14.94                    | 17.91                      |
| 802.11be EHT20       | 36      | 5180      | 14.95                    | 14.81                    | 17.89                      |
|                      | 40      | 5200      | 14.93                    | 14.85                    | 17.9                       |
|                      | 44      | 5220      | 14.84                    | 14.79                    | 17.83                      |
|                      | 48      | 5240      | 14.91                    | 14.9                     | 17.92                      |
| 802.11be EHT40       | 38      | 5190      | 14.8                     | 14.88                    | 17.85                      |
|                      | 46      | 5230      | 14.87                    | 14.81                    | 17.85                      |
| 802.11be EHT80       | 42      | 5210      | 14.91                    | 14.83                    | 17.88                      |

| Conducted Power (2T) |         |           |                          |                          |                            |
|----------------------|---------|-----------|--------------------------|--------------------------|----------------------------|
| WLAN 5.3GHz Ant 0+1  |         |           |                          |                          |                            |
| Mode                 | Channel | Frequency | MIMO Ant 0<br>Avg. Power | MIMO Ant 1<br>Avg. Power | MIMO Ant 0+1<br>Avg. Power |
| 802.11a              | 52      | 5260      | 14.75                    | 14.67                    | 17.72                      |
|                      | 56      | 5280      | 14.65                    | 14.7                     | 17.69                      |
|                      | 60      | 5300      | 14.68                    | 14.76                    | 17.73                      |
|                      | 64      | 5320      | 14.76                    | 14.85                    | 17.82                      |
| 802.11n HT20         | 52      | 5260      | 14.67                    | 14.82                    | 17.76                      |
|                      | 56      | 5280      | 14.76                    | 14.85                    | 17.82                      |
|                      | 60      | 5300      | 14.65                    | 14.83                    | 17.75                      |
|                      | 64      | 5320      | 14.71                    | 14.79                    | 17.76                      |
| 802.11n HT40         | 54      | 5270      | 14.81                    | 14.77                    | 17.8                       |
|                      | 62      | 5310      | 14.71                    | 14.69                    | 17.71                      |
| 802.11ac VHT20       | 52      | 5260      | 14.65                    | 14.83                    | 17.75                      |
|                      | 56      | 5280      | 14.77                    | 14.82                    | 17.81                      |
|                      | 60      | 5300      | 14.75                    | 14.71                    | 17.74                      |
|                      | 64      | 5320      | 14.67                    | 14.67                    | 17.68                      |
| 802.11ac VHT40       | 54      | 5270      | 14.82                    | 14.77                    | 17.81                      |
|                      | 62      | 5310      | 14.85                    | 14.77                    | 17.82                      |
| 802.11ac VHT80       | 58      | 5290      | 14.76                    | 14.68                    | 17.73                      |
| 802.11ac VHT160      | 50      | 5250      | 14.92                    | 14.87                    | 17.91                      |
| 802.11ax HE20        | 52      | 5260      | 14.72                    | 14.69                    | 17.72                      |
|                      | 56      | 5280      | 14.67                    | 14.7                     | 17.7                       |
|                      | 60      | 5300      | 14.81                    | 14.84                    | 17.84                      |
|                      | 64      | 5320      | 14.77                    | 14.75                    | 17.77                      |
| 802.11ax HE40        | 54      | 5270      | 14.75                    | 14.79                    | 17.78                      |
|                      | 62      | 5310      | 14.76                    | 14.81                    | 17.8                       |
| 802.11ax HE80        | 58      | 5290      | 14.65                    | 14.8                     | 17.74                      |
| 802.11ax HE160       | 50      | 5250      | 14.82                    | 14.76                    | 17.8                       |
| 802.11be EHT20       | 52      | 5260      | 14.79                    | 14.67                    | 17.74                      |
|                      | 56      | 5280      | 14.75                    | 14.77                    | 17.77                      |
|                      | 60      | 5300      | 14.73                    | 14.7                     | 17.73                      |
|                      | 64      | 5320      | 14.79                    | 14.74                    | 17.78                      |
| 802.11be EHT40       | 54      | 5270      | 14.72                    | 14.77                    | 17.76                      |
|                      | 62      | 5310      | 14.79                    | 14.77                    | 17.79                      |
| 802.11be EHT80       | 58      | 5290      | 14.82                    | 14.69                    | 17.77                      |
| 802.11be EHT160      | 50      | 5250      | 12.53                    | 12.62                    | 15.59                      |

| Conducted Power (2T) |         |           |                          |                          |                            |
|----------------------|---------|-----------|--------------------------|--------------------------|----------------------------|
| WLAN 5.6GHz Ant 0+1  |         |           |                          |                          |                            |
| Mode                 | Channel | Frequency | MIMO Ant 0<br>Avg. Power | MIMO Ant 1<br>Avg. Power | MIMO Ant 0+1<br>Avg. Power |
| 802.11a              | 100     | 5500      | 14.9                     | 14.86                    | 17.89                      |
|                      | 116     | 5580      | 14.95                    | 14.92                    | 17.95                      |
|                      | 120     | 5600      | 14.95                    | 14.75                    | 17.86                      |
|                      | 124     | 5620      | 14.94                    | 14.79                    | 17.88                      |
|                      | 132     | 5660      | 14.92                    | 14.82                    | 17.88                      |
|                      | 140     | 5700      | 14.84                    | 14.8                     | 17.83                      |
|                      | 144     | 5720      | 14.82                    | 14.88                    | 17.86                      |
| 802.11n HT20         | 100     | 5500      | 14.82                    | 14.77                    | 17.81                      |
|                      | 116     | 5580      | 14.75                    | 14.82                    | 17.8                       |
|                      | 120     | 5600      | 14.83                    | 14.85                    | 17.85                      |
|                      | 124     | 5620      | 14.89                    | 14.81                    | 17.86                      |
|                      | 132     | 5660      | 14.88                    | 14.91                    | 17.91                      |
|                      | 140     | 5700      | 14.8                     | 14.8                     | 17.81                      |
|                      | 144     | 5720      | 14.76                    | 14.81                    | 17.8                       |
| 802.11n HT40         | 102     | 5510      | 14.95                    | 14.95                    | 17.96                      |
|                      | 110     | 5550      | 14.8                     | 14.81                    | 17.82                      |
|                      | 118     | 5590      | 14.89                    | 14.84                    | 17.88                      |
|                      | 126     | 5630      | 14.83                    | 14.77                    | 17.81                      |
|                      | 134     | 5670      | 14.89                    | 14.79                    | 17.85                      |
|                      | 142     | 5710      | 14.77                    | 14.88                    | 17.84                      |
|                      | 144     | 5720      | 14.91                    | 14.82                    | 17.88                      |
| 802.11ac VHT20       | 100     | 5500      | 14.93                    | 14.88                    | 17.92                      |
|                      | 116     | 5580      | 14.92                    | 14.86                    | 17.9                       |
|                      | 120     | 5600      | 14.84                    | 14.87                    | 17.87                      |
|                      | 124     | 5620      | 14.85                    | 14.91                    | 17.89                      |
|                      | 132     | 5660      | 14.86                    | 14.92                    | 17.9                       |
|                      | 140     | 5700      | 14.85                    | 14.81                    | 17.84                      |
|                      | 144     | 5720      | 14.91                    | 14.82                    | 17.88                      |
| 802.11ac VHT40       | 102     | 5510      | 14.83                    | 14.86                    | 17.86                      |
|                      | 110     | 5550      | 14.83                    | 14.94                    | 17.9                       |
|                      | 118     | 5590      | 14.81                    | 14.91                    | 17.87                      |
|                      | 126     | 5630      | 14.87                    | 14.81                    | 17.85                      |
|                      | 134     | 5670      | 14.75                    | 14.75                    | 17.76                      |
|                      | 142     | 5710      | 14.8                     | 14.91                    | 17.87                      |
|                      | 144     | 5720      | 14.91                    | 14.82                    | 17.88                      |
| 802.11ac VHT80       | 106     | 5530      | 15.05                    | 15.01                    | 18.04                      |
|                      | 122     | 5610      | 14.99                    | 14.96                    | 17.99                      |
|                      | 138     | 5690      | 15.08                    | 15.02                    | 18.06                      |
| 802.11ac VHT160      | 114     | 5570      | 14.94                    | 14.89                    | 17.93                      |
| 802.11ax HE20        | 100     | 5500      | 14.86                    | 14.93                    | 17.91                      |
|                      | 116     | 5580      | 14.78                    | 14.89                    | 17.85                      |
|                      | 120     | 5600      | 14.82                    | 14.84                    | 17.84                      |
|                      | 124     | 5620      | 14.94                    | 14.92                    | 17.94                      |
|                      | 132     | 5660      | 14.77                    | 14.81                    | 17.8                       |
|                      | 140     | 5700      | 14.94                    | 14.85                    | 17.91                      |
|                      | 144     | 5720      | 14.81                    | 14.82                    | 17.83                      |
| 802.11ax HE40        | 102     | 5510      | 14.78                    | 14.87                    | 17.84                      |
|                      | 110     | 5550      | 14.86                    | 14.88                    | 17.88                      |
|                      | 118     | 5590      | 14.94                    | 14.82                    | 17.89                      |
|                      | 126     | 5630      | 14.87                    | 14.83                    | 17.86                      |
|                      | 134     | 5670      | 14.9                     | 14.86                    | 17.89                      |
|                      | 142     | 5710      | 14.86                    | 14.79                    | 17.84                      |
|                      | 144     | 5720      | 14.81                    | 14.82                    | 17.83                      |
| 802.11ax HE80        | 106     | 5530      | 14.84                    | 14.92                    | 17.89                      |
|                      | 122     | 5610      | 14.75                    | 14.76                    | 17.77                      |
|                      | 138     | 5690      | 14.93                    | 14.83                    | 17.89                      |
| 802.11ax HE160       | 114     | 5570      | 14.93                    | 14.82                    | 17.89                      |
| 802.11be EHT20       | 100     | 5500      | 14.86                    | 14.92                    | 17.9                       |
|                      | 116     | 5580      | 14.77                    | 14.91                    | 17.85                      |
|                      | 120     | 5600      | 14.84                    | 14.95                    | 17.91                      |
|                      | 124     | 5620      | 14.75                    | 14.89                    | 17.83                      |
|                      | 132     | 5660      | 14.95                    | 14.88                    | 17.93                      |
|                      | 140     | 5700      | 14.86                    | 14.89                    | 17.89                      |
|                      | 144     | 5720      | 14.95                    | 14.93                    | 17.95                      |
| 802.11be EHT40       | 102     | 5510      | 14.83                    | 14.92                    | 17.89                      |
|                      | 110     | 5550      | 14.79                    | 14.83                    | 17.82                      |
|                      | 118     | 5590      | 14.75                    | 14.86                    | 17.82                      |
|                      | 126     | 5630      | 14.94                    | 14.95                    | 17.96                      |
|                      | 134     | 5670      | 14.83                    | 14.88                    | 17.87                      |
|                      | 142     | 5710      | 14.84                    | 14.94                    | 17.9                       |
|                      | 144     | 5720      | 14.81                    | 14.82                    | 17.83                      |
| 802.11be EHT80       | 106     | 5530      | 14.88                    | 14.79                    | 17.85                      |
|                      | 122     | 5610      | 14.91                    | 14.8                     | 17.87                      |
|                      | 138     | 5690      | 14.78                    | 14.89                    | 17.85                      |
| 802.11be EHT160      | 114     | 5570      | 14.91                    | 14.95                    | 17.94                      |

| Conducted Power (2T) |         |           |                          |                          |                            |
|----------------------|---------|-----------|--------------------------|--------------------------|----------------------------|
| WLAN 5.8GHz Ant 0+1  |         |           |                          |                          |                            |
| Mode                 | Channel | Frequency | MIMO Ant 0<br>Avg. Power | MIMO Ant 1<br>Avg. Power | MIMO Ant 0+1<br>Avg. Power |
| 802.11a              | 149     | 5745      | 14.91                    | 14.9                     | 17.92                      |
|                      | 153     | 5765      | 15.03                    | 14.96                    | 18.01                      |
|                      | 157     | 5785      | 15.03                    | 14.9                     | 17.98                      |
|                      | 161     | 5805      | 14.94                    | 14.92                    | 17.94                      |
|                      | 165     | 5825      | 15.04                    | 14.87                    | 17.97                      |
| 802.11n HT20         | 149     | 5745      | 14.98                    | 14.99                    | 18                         |
|                      | 153     | 5765      | 14.95                    | 14.97                    | 17.97                      |
|                      | 157     | 5785      | 14.94                    | 14.98                    | 17.97                      |
|                      | 161     | 5805      | 15.02                    | 14.89                    | 17.97                      |
|                      | 165     | 5825      | 15.01                    | 14.9                     | 17.97                      |
| 802.11n HT40         | 151     | 5755      | 14.92                    | 14.93                    | 17.94                      |
|                      | 159     | 5795      | 15.01                    | 15                       | 18.02                      |
| 802.11ac VHT20       | 149     | 5745      | 15.02                    | 14.85                    | 17.95                      |
|                      | 153     | 5765      | 15.02                    | 14.89                    | 17.97                      |
|                      | 157     | 5785      | 15                       | 14.85                    | 17.94                      |
|                      | 161     | 5805      | 14.93                    | 14.88                    | 17.92                      |
|                      | 165     | 5825      | 14.87                    | 14.99                    | 17.94                      |
| 802.11ac VHT40       | 151     | 5755      | 15.02                    | 14.87                    | 17.96                      |
|                      | 159     | 5795      | 15.04                    | 14.95                    | 18.01                      |
| 802.11ac VHT80       | 155     | 5775      | 15.09                    | 15.01                    | 18.06                      |
| 802.11ax HE20        | 149     | 5745      | 15.02                    | 14.91                    | 17.98                      |
|                      | 153     | 5765      | 14.87                    | 14.93                    | 17.91                      |
|                      | 157     | 5785      | 14.89                    | 14.95                    | 17.93                      |
|                      | 161     | 5805      | 14.85                    | 14.99                    | 17.93                      |
|                      | 165     | 5825      | 14.87                    | 14.92                    | 17.91                      |
| 802.11ax HE40        | 151     | 5755      | 14.91                    | 14.85                    | 17.89                      |
|                      | 159     | 5795      | 14.86                    | 14.93                    | 17.91                      |
| 802.11ax HE80        | 155     | 5775      | 14.97                    | 14.86                    | 17.93                      |
| 802.11be EHT20       | 149     | 5745      | 14.93                    | 14.98                    | 17.97                      |
|                      | 153     | 5765      | 14.9                     | 15                       | 17.96                      |
|                      | 157     | 5785      | 14.93                    | 14.85                    | 17.9                       |
|                      | 161     | 5805      | 14.87                    | 14.98                    | 17.94                      |
|                      | 165     | 5825      | 14.98                    | 14.96                    | 17.98                      |
| 802.11be EHT40       | 151     | 5755      | 14.86                    | 14.95                    | 17.92                      |
|                      | 159     | 5795      | 14.93                    | 14.86                    | 17.91                      |
| 802.11be EHT80       | 155     | 5775      | 14.87                    | 14.88                    | 17.89                      |

| Conducted Power (2T) |         |           |                          |                          |                            |
|----------------------|---------|-----------|--------------------------|--------------------------|----------------------------|
| WLAN 5.9GHz Ant 0+1  |         |           |                          |                          |                            |
| Mode                 | Channel | Frequency | MIMO Ant 0<br>Avg. Power | MIMO Ant 1<br>Avg. Power | MIMO Ant 0+1<br>Avg. Power |
| 802.11a              | 169     | 5845      | 14.9                     | 14.9                     | 17.91                      |
|                      | 173     | 5865      | 14.87                    | 14.84                    | 17.87                      |
|                      | 177     | 5885      | 14.83                    | 14.78                    | 17.82                      |
| 802.11n HT20         | 169     | 5845      | 14.86                    | 14.88                    | 17.88                      |
|                      | 173     | 5865      | 14.88                    | 14.82                    | 17.86                      |
|                      | 177     | 5885      | 14.86                    | 14.78                    | 17.83                      |
| 802.11n HT40         | 167     | 5835      | 14.91                    | 14.8                     | 17.87                      |
|                      | 175     | 5875      | 14.92                    | 14.9                     | 17.92                      |
| 802.11ac VHT20       | 169     | 5845      | 14.83                    | 14.87                    | 17.86                      |
|                      | 173     | 5865      | 14.83                    | 14.84                    | 17.85                      |
|                      | 177     | 5885      | 14.85                    | 14.86                    | 17.87                      |
| 802.11ac VHT40       | 167     | 5835      | 14.84                    | 14.83                    | 17.85                      |
|                      | 175     | 5875      | 14.8                     | 14.8                     | 17.81                      |
| 802.11ac VHT80       | 171     | 5855      | 14.85                    | 14.87                    | 17.87                      |
| 802.11ac VHT160      | 163     | 5815      | 14.97                    | 14.92                    | 17.96                      |
| 802.11ax HE20        | 169     | 5845      | 14.8                     | 14.84                    | 17.83                      |
|                      | 173     | 5865      | 14.94                    | 14.88                    | 17.92                      |
|                      | 177     | 5885      | 14.86                    | 14.76                    | 17.82                      |
| 802.11ax HE40        | 167     | 5835      | 14.94                    | 14.88                    | 17.92                      |
|                      | 175     | 5875      | 14.95                    | 14.78                    | 17.88                      |
| 802.11ax HE80        | 171     | 5855      | 14.95                    | 14.83                    | 17.9                       |
| 802.11ax HE160       | 163     | 5815      | 14.94                    | 14.78                    | 17.87                      |
| 802.11be EHT20       | 169     | 5845      | 14.8                     | 14.82                    | 17.82                      |
|                      | 173     | 5865      | 14.94                    | 14.85                    | 17.91                      |
|                      | 177     | 5885      | 14.85                    | 14.76                    | 17.82                      |
| 802.11be EHT40       | 167     | 5835      | 14.89                    | 14.86                    | 17.89                      |
|                      | 175     | 5875      | 14.88                    | 14.78                    | 17.84                      |
| 802.11be EHT80       | 171     | 5855      | 14.93                    | 14.81                    | 17.88                      |
| 802.11be EHT160      | 163     | 5815      | 14.95                    | 14.87                    | 17.92                      |

| Conducted Power (2T)_SP |         |           |                          |                          |                            |
|-------------------------|---------|-----------|--------------------------|--------------------------|----------------------------|
| UNII-5 Ant 0+1          |         |           |                          |                          |                            |
| Mode                    | Channel | Frequency | MIMO Ant 0<br>Avg. Power | MIMO Ant 1<br>Avg. Power | MIMO Ant 0+1<br>Avg. Power |
| 802.11a                 | 1       | 5955      | 14.05                    | 14.17                    | 17.12                      |
|                         | 5       | 5975      | 14.02                    | 14.18                    | 17.11                      |
|                         | 9       | 5995      | 14.08                    | 14.04                    | 17.07                      |
|                         | 13      | 6015      | 14.16                    | 14.07                    | 17.13                      |
|                         | 17      | 6035      | 14.04                    | 14.06                    | 17.06                      |
|                         | 21      | 6055      | 14.09                    | 14.2                     | 17.16                      |
|                         | 25      | 6075      | 14.16                    | 14.12                    | 17.15                      |
|                         | 29      | 6095      | 14.14                    | 14.02                    | 17.09                      |
|                         | 33      | 6115      | 14.18                    | 14.04                    | 17.12                      |
|                         | 37      | 6135      | 14.04                    | 14.18                    | 17.12                      |
|                         | 41      | 6155      | 14.17                    | 14.14                    | 17.17                      |
|                         | 45      | 6175      | 14.06                    | 14.11                    | 17.1                       |
|                         | 49      | 6195      | 14.19                    | 14.18                    | 17.2                       |
|                         | 53      | 6215      | 14.08                    | 14.11                    | 17.11                      |
|                         | 57      | 6235      | 14.01                    | 14.11                    | 17.07                      |
|                         | 61      | 6255      | 14.02                    | 14.06                    | 17.05                      |
|                         | 65      | 6275      | 14.03                    | 14.02                    | 17.04                      |
|                         | 69      | 6295      | 14                       | 14.08                    | 17.05                      |
|                         | 73      | 6315      | 14.01                    | 14.1                     | 17.07                      |
|                         | 77      | 6335      | 14.2                     | 14.13                    | 17.18                      |
|                         | 81      | 6355      | 14.12                    | 14.01                    | 17.08                      |
|                         | 85      | 6375      | 14                       | 14.16                    | 17.09                      |
|                         | 89      | 6395      | 14.2                     | 14.07                    | 17.15                      |
|                         | 93      | 6415      | 14.09                    | 14.19                    | 17.15                      |
| 802.11ax HE20           | 1       | 5955      | 14.05                    | 14.03                    | 17.05                      |
|                         | 5       | 5975      | 14.02                    | 14.04                    | 17.04                      |
|                         | 9       | 5995      | 14.17                    | 14.03                    | 17.11                      |
|                         | 13      | 6015      | 14.06                    | 14.11                    | 17.1                       |
|                         | 17      | 6035      | 14.12                    | 14.06                    | 17.1                       |
|                         | 21      | 6055      | 14                       | 14.17                    | 17.1                       |
|                         | 25      | 6075      | 14.12                    | 14.04                    | 17.09                      |
|                         | 29      | 6095      | 14.01                    | 14.14                    | 17.09                      |
|                         | 33      | 6115      | 14.12                    | 14.11                    | 17.13                      |
|                         | 37      | 6135      | 14.2                     | 14.02                    | 17.12                      |
|                         | 41      | 6155      | 14.2                     | 14.2                     | 17.21                      |
|                         | 45      | 6175      | 14.1                     | 14.01                    | 17.07                      |
|                         | 49      | 6195      | 14.04                    | 14.07                    | 17.07                      |
|                         | 53      | 6215      | 14.01                    | 14.02                    | 17.03                      |
|                         | 57      | 6235      | 14.04                    | 14.07                    | 17.07                      |
|                         | 61      | 6255      | 14.08                    | 14.01                    | 17.06                      |
|                         | 65      | 6275      | 14.12                    | 14.07                    | 17.11                      |
|                         | 69      | 6295      | 14.05                    | 14.14                    | 17.11                      |
|                         | 73      | 6315      | 14.17                    | 14.07                    | 17.13                      |
|                         | 77      | 6335      | 14.04                    | 14.06                    | 17.06                      |
|                         | 81      | 6355      | 14.05                    | 14.05                    | 17.06                      |
|                         | 85      | 6375      | 14.08                    | 14.1                     | 17.1                       |
|                         | 89      | 6395      | 14.16                    | 14.08                    | 17.13                      |
|                         | 93      | 6415      | 14.12                    | 14.03                    | 17.09                      |
| 802.11ax HE40           | 3       | 5965      | 14.13                    | 14.12                    | 17.14                      |
|                         | 11      | 6005      | 14.1                     | 14.15                    | 17.14                      |
|                         | 19      | 6045      | 14.04                    | 14.04                    | 17.05                      |
|                         | 27      | 6085      | 14.2                     | 14.08                    | 17.15                      |
|                         | 35      | 6125      | 14.03                    | 14.09                    | 17.07                      |
|                         | 43      | 6165      | 14.11                    | 14.09                    | 17.11                      |
|                         | 51      | 6205      | 14.18                    | 14.03                    | 17.12                      |
|                         | 59      | 6245      | 14.09                    | 14.04                    | 17.08                      |
|                         | 67      | 6285      | 14.02                    | 14.1                     | 17.07                      |
|                         | 75      | 6325      | 14.08                    | 14.16                    | 17.13                      |
|                         | 83      | 6365      | 14.09                    | 14.09                    | 17.1                       |
|                         | 91      | 6405      | 14.06                    | 14.09                    | 17.09                      |
| 802.11ax HE80           | 7       | 5985      | 14.01                    | 14.16                    | 17.1                       |
|                         | 23      | 6065      | 14.12                    | 14.16                    | 17.15                      |
|                         | 39      | 6145      | 14.19                    | 14.2                     | 17.21                      |
|                         | 55      | 6225      | 14.11                    | 14.1                     | 17.12                      |
|                         | 71      | 6305      | 14.16                    | 14.06                    | 17.12                      |
| 802.11ax HE160          | 87      | 6385      | 14.03                    | 14.19                    | 17.12                      |
|                         | 15      | 6025      | 14.12                    | 14.18                    | 17.16                      |
|                         | 47      | 6185      | 14.32                    | 14.28                    | 17.31                      |
|                         | 79      | 6345      | 14.14                    | 14.18                    | 17.17                      |

| Conducted Power (2T)_SP |         |           |                          |                          |                            |
|-------------------------|---------|-----------|--------------------------|--------------------------|----------------------------|
| UNII-5 Ant 0+1          |         |           |                          |                          |                            |
| Mode                    | Channel | Frequency | MIMO Ant 0<br>Avg. Power | MIMO Ant 1<br>Avg. Power | MIMO Ant 0+1<br>Avg. Power |
| 802.11be EHT20          | 1       | 5955      | 14.05                    | 14.13                    | 17.1                       |
|                         | 5       | 5975      | 14.13                    | 14.06                    | 17.11                      |
|                         | 9       | 5995      | 14.1                     | 14.15                    | 17.14                      |
|                         | 13      | 6015      | 14.08                    | 14.17                    | 17.14                      |
|                         | 17      | 6035      | 14.16                    | 14.05                    | 17.12                      |
|                         | 21      | 6055      | 14.11                    | 14.01                    | 17.07                      |
|                         | 25      | 6075      | 14.2                     | 14.12                    | 17.17                      |
|                         | 29      | 6095      | 14.02                    | 14.17                    | 17.11                      |
|                         | 33      | 6115      | 14.18                    | 14.11                    | 17.16                      |
|                         | 37      | 6135      | 14.12                    | 14.07                    | 17.11                      |
|                         | 41      | 6155      | 14.03                    | 14.01                    | 17.03                      |
|                         | 45      | 6175      | 14.05                    | 14.02                    | 17.05                      |
|                         | 49      | 6195      | 14.2                     | 14.08                    | 17.15                      |
|                         | 53      | 6215      | 14.09                    | 14.07                    | 17.09                      |
|                         | 57      | 6235      | 14.02                    | 14.12                    | 17.08                      |
|                         | 61      | 6255      | 14.05                    | 14.02                    | 17.05                      |
|                         | 65      | 6275      | 14.06                    | 14.18                    | 17.13                      |
|                         | 69      | 6295      | 14.03                    | 14.12                    | 17.09                      |
|                         | 73      | 6315      | 14.15                    | 14.08                    | 17.13                      |
|                         | 77      | 6335      | 14.18                    | 14.18                    | 17.19                      |
| 802.11be EHT40          | 81      | 6355      | 14.17                    | 14.13                    | 17.16                      |
|                         | 85      | 6375      | 14.16                    | 14.19                    | 17.19                      |
|                         | 89      | 6395      | 14.19                    | 14.19                    | 17.2                       |
|                         | 93      | 6415      | 14.2                     | 14.11                    | 17.17                      |
|                         | 3       | 5965      | 14.05                    | 14.2                     | 17.14                      |
|                         | 11      | 6005      | 14.03                    | 14.12                    | 17.09                      |
|                         | 19      | 6045      | 14.13                    | 14.08                    | 17.12                      |
|                         | 27      | 6085      | 14.18                    | 14.03                    | 17.12                      |
|                         | 35      | 6125      | 14.11                    | 14.1                     | 17.12                      |
|                         | 43      | 6165      | 14.04                    | 14.01                    | 17.04                      |
| 802.11be EHT80          | 51      | 6205      | 14.07                    | 14.06                    | 17.08                      |
|                         | 59      | 6245      | 14.1                     | 14.15                    | 17.14                      |
|                         | 67      | 6285      | 14.06                    | 14.03                    | 17.06                      |
|                         | 75      | 6325      | 14.11                    | 14.04                    | 17.09                      |
|                         | 83      | 6365      | 14.2                     | 14.14                    | 17.18                      |
|                         | 91      | 6405      | 14.06                    | 14.08                    | 17.08                      |
| 802.11be EHT160         | 7       | 5985      | 14.18                    | 14                       | 17.1                       |
|                         | 23      | 6065      | 14.07                    | 14                       | 17.05                      |
|                         | 39      | 6145      | 14.18                    | 14.17                    | 17.19                      |
|                         | 55      | 6225      | 14.01                    | 14.11                    | 17.07                      |
|                         | 71      | 6305      | 14.04                    | 14.16                    | 17.11                      |
|                         | 87      | 6385      | 14.1                     | 14.06                    | 17.09                      |
|                         | 15      | 6025      | 14.13                    | 14.1                     | 17.13                      |
|                         | 47      | 6185      | 14.2                     | 14.23                    | 17.23                      |
|                         | 79      | 6345      | 14.09                    | 14.09                    | 17.1                       |

| Conducted Power (2T)_SP |         |           |                          |                          |                            |
|-------------------------|---------|-----------|--------------------------|--------------------------|----------------------------|
| UNII-7 Ant 0+1          |         |           |                          |                          |                            |
| Mode                    | Channel | Frequency | MIMO Ant 0<br>Avg. Power | MIMO Ant 1<br>Avg. Power | MIMO Ant 0+1<br>Avg. Power |
| 802.11a                 | 117     | 6535      | 14.02                    | 14.09                    | 17.07                      |
|                         | 121     | 6555      | 14.15                    | 14.09                    | 17.13                      |
|                         | 125     | 6575      | 14.19                    | 13.98                    | 17.1                       |
|                         | 129     | 6595      | 14                       | 14.05                    | 17.04                      |
|                         | 133     | 6615      | 14.19                    | 13.99                    | 17.1                       |
|                         | 137     | 6635      | 14.04                    | 14.03                    | 17.05                      |
|                         | 141     | 6655      | 14.2                     | 14.06                    | 17.14                      |
|                         | 145     | 6675      | 14.06                    | 14.06                    | 17.07                      |
|                         | 149     | 6695      | 14.01                    | 14.02                    | 17.03                      |
|                         | 153     | 6715      | 14.13                    | 14.04                    | 17.1                       |
|                         | 157     | 6735      | 14.15                    | 14.1                     | 17.14                      |
|                         | 161     | 6755      | 14.2                     | 14.09                    | 17.16                      |
|                         | 165     | 6775      | 14.06                    | 14.05                    | 17.07                      |
|                         | 169     | 6795      | 14.09                    | 14.01                    | 17.06                      |
|                         | 173     | 6815      | 14.19                    | 14.09                    | 17.15                      |
|                         | 177     | 6835      | 14.1                     | 13.99                    | 17.06                      |
|                         | 181     | 6855      | 14.04                    | 14.15                    | 17.11                      |
| 802.11ax HE20           | 117     | 6535      | 14.2                     | 14.12                    | 17.17                      |
|                         | 121     | 6555      | 14.08                    | 13.95                    | 17.03                      |
|                         | 125     | 6575      | 14.12                    | 14.12                    | 17.13                      |
|                         | 129     | 6595      | 14.07                    | 14.07                    | 17.08                      |
|                         | 133     | 6615      | 14.02                    | 14.12                    | 17.08                      |
|                         | 137     | 6635      | 14.13                    | 14.14                    | 17.15                      |
|                         | 141     | 6655      | 14.01                    | 13.95                    | 16.99                      |
|                         | 145     | 6675      | 14.05                    | 13.99                    | 17.03                      |
|                         | 149     | 6695      | 14.01                    | 13.97                    | 17                         |
|                         | 153     | 6715      | 14.16                    | 14.14                    | 17.16                      |
|                         | 157     | 6735      | 14.06                    | 13.97                    | 17.03                      |
|                         | 161     | 6755      | 14.12                    | 14.01                    | 17.08                      |
|                         | 165     | 6775      | 14.1                     | 14.06                    | 17.09                      |
|                         | 169     | 6795      | 14.08                    | 14.02                    | 17.06                      |
|                         | 173     | 6815      | 14.1                     | 13.96                    | 17.04                      |
|                         | 177     | 6835      | 14.04                    | 13.98                    | 17.02                      |
|                         | 181     | 6855      | 14.03                    | 14.08                    | 17.07                      |
| 802.11ax HE40           | 123     | 6565      | 14.15                    | 13.95                    | 17.06                      |
|                         | 131     | 6605      | 14.05                    | 14.15                    | 17.11                      |
|                         | 139     | 6645      | 14.15                    | 14.03                    | 17.1                       |
|                         | 147     | 6685      | 14.03                    | 14.11                    | 17.08                      |
|                         | 155     | 6725      | 14.12                    | 14.15                    | 17.15                      |
|                         | 163     | 6765      | 14.03                    | 13.97                    | 17.01                      |
|                         | 171     | 6805      | 14.16                    | 13.99                    | 17.09                      |
|                         | 179     | 6845      | 14.15                    | 13.95                    | 17.06                      |
| 802.11ax HE80           | 187     | 6885      | 14.02                    | 14.07                    | 17.06                      |
|                         | 135     | 6625      | 14.1                     | 13.96                    | 17.04                      |
|                         | 151     | 6705      | 14.08                    | 14.05                    | 17.08                      |
|                         | 167     | 6785      | 14.03                    | 14.1                     | 17.08                      |
| 802.11ax HE160          | 183     | 6865      | 14.01                    | 14.13                    | 17.08                      |
|                         | 143     | 6665      | 14.23                    | 14.18                    | 17.22                      |
|                         | 175     | 6825      | 14.18                    | 14.16                    | 17.18                      |

| Conducted Power (2T)_SP |         |           |                          |                          |                            |
|-------------------------|---------|-----------|--------------------------|--------------------------|----------------------------|
| UNII-7 Ant 0+1          |         |           |                          |                          |                            |
| Mode                    | Channel | Frequency | MIMO Ant 0<br>Avg. Power | MIMO Ant 1<br>Avg. Power | MIMO Ant 0+1<br>Avg. Power |
| 802.11be EHT20          | 117     | 6535      | 14.2                     | 14.1                     | 17.16                      |
|                         | 121     | 6555      | 14.03                    | 14.1                     | 17.08                      |
|                         | 125     | 6575      | 14.04                    | 13.96                    | 17.01                      |
|                         | 129     | 6595      | 14.11                    | 13.98                    | 17.06                      |
|                         | 133     | 6615      | 14.1                     | 14.14                    | 17.13                      |
|                         | 137     | 6635      | 14.03                    | 14.08                    | 17.07                      |
|                         | 141     | 6655      | 14.01                    | 13.98                    | 17.01                      |
|                         | 145     | 6675      | 14.08                    | 14.02                    | 17.06                      |
|                         | 149     | 6695      | 14.12                    | 14.04                    | 17.09                      |
|                         | 153     | 6715      | 14.13                    | 14.06                    | 17.11                      |
|                         | 157     | 6735      | 14.01                    | 14.07                    | 17.05                      |
|                         | 161     | 6755      | 14.18                    | 14.02                    | 17.11                      |
|                         | 165     | 6775      | 14.13                    | 14.05                    | 17.1                       |
|                         | 169     | 6795      | 14.07                    | 14.01                    | 17.05                      |
|                         | 173     | 6815      | 14.01                    | 14.04                    | 17.04                      |
|                         | 177     | 6835      | 14.11                    | 14.09                    | 17.11                      |
| 802.11be EHT40          | 181     | 6855      | 14.09                    | 14.15                    | 17.13                      |
|                         | 123     | 6565      | 14.09                    | 14.08                    | 17.1                       |
|                         | 131     | 6605      | 14.14                    | 13.95                    | 17.06                      |
|                         | 139     | 6645      | 14                       | 14.01                    | 17.02                      |
|                         | 147     | 6685      | 14.07                    | 14.04                    | 17.07                      |
|                         | 155     | 6725      | 14.2                     | 14.03                    | 17.13                      |
|                         | 163     | 6765      | 14.04                    | 13.98                    | 17.02                      |
|                         | 171     | 6805      | 14.2                     | 14.08                    | 17.15                      |
| 802.11be EHT80          | 179     | 6845      | 14.01                    | 13.98                    | 17.01                      |
|                         | 187     | 6885      | 14.17                    | 14.13                    | 17.16                      |
|                         | 135     | 6625      | 14.03                    | 14.06                    | 17.06                      |
|                         | 151     | 6705      | 14.11                    | 14.07                    | 17.1                       |
| 802.11be EHT160         | 167     | 6785      | 14.14                    | 14.15                    | 17.16                      |
|                         | 183     | 6865      | 14                       | 13.96                    | 16.99                      |
|                         | 143     | 6665      | 14.16                    | 14.19                    | 17.19                      |
|                         | 175     | 6825      | 14.16                    | 14.1                     | 17.14                      |

| Conducted Power (2T)_LPI |         |           |                          |                          |                            |
|--------------------------|---------|-----------|--------------------------|--------------------------|----------------------------|
| UNII-5 Ant 0+1           |         |           |                          |                          |                            |
| Mode                     | Channel | Frequency | MIMO Ant 0<br>Avg. Power | MIMO Ant 1<br>Avg. Power | MIMO Ant 0+1<br>Avg. Power |
| 802.11a                  | 1       | 5955      | 1.19                     | 1.15                     | 4.18                       |
|                          | 5       | 5975      | 1.15                     | 1.18                     | 4.18                       |
|                          | 9       | 5995      | 1.26                     | 1.17                     | 4.23                       |
|                          | 13      | 6015      | 1.11                     | 1.07                     | 4.1                        |
|                          | 17      | 6035      | 1.3                      | 1.1                      | 4.21                       |
|                          | 21      | 6055      | 1.29                     | 1.18                     | 4.25                       |
|                          | 25      | 6075      | 1.14                     | 1.07                     | 4.12                       |
|                          | 29      | 6095      | 1.05                     | 1.32                     | 4.2                        |
|                          | 33      | 6115      | 1.14                     | 1.25                     | 4.21                       |
|                          | 37      | 6135      | 1.28                     | 1.27                     | 4.29                       |
|                          | 41      | 6155      | 1.06                     | 1.15                     | 4.12                       |
|                          | 45      | 6175      | 1.19                     | 1.32                     | 4.27                       |
|                          | 49      | 6195      | 1.06                     | 1.13                     | 4.11                       |
|                          | 53      | 6215      | 1.15                     | 1.11                     | 4.14                       |
|                          | 57      | 6235      | 1.25                     | 1.27                     | 4.27                       |
|                          | 61      | 6255      | 1.21                     | 1.31                     | 4.27                       |
|                          | 65      | 6275      | 1.25                     | 1.06                     | 4.17                       |
|                          | 69      | 6295      | 1.15                     | 1.07                     | 4.12                       |
|                          | 73      | 6315      | 1.13                     | 1.14                     | 4.15                       |
|                          | 77      | 6335      | 1.15                     | 1.24                     | 4.21                       |
| 802.11ax HE20            | 81      | 6355      | 1.06                     | 1.31                     | 4.2                        |
|                          | 85      | 6375      | 1.18                     | 1.14                     | 4.17                       |
|                          | 89      | 6395      | 1.05                     | 1.25                     | 4.16                       |
|                          | 93      | 6415      | 1.21                     | 1.21                     | 4.22                       |
|                          | 1       | 5955      | 4.14                     | 4.27                     | 7.22                       |
|                          | 5       | 5975      | 4.23                     | 4.11                     | 7.18                       |
|                          | 9       | 5995      | 4.34                     | 4.22                     | 7.29                       |
|                          | 13      | 6015      | 4.21                     | 4.34                     | 7.29                       |
|                          | 17      | 6035      | 4.24                     | 4.22                     | 7.24                       |
|                          | 21      | 6055      | 4.11                     | 4.05                     | 7.09                       |
|                          | 25      | 6075      | 4.16                     | 4.08                     | 7.13                       |
|                          | 29      | 6095      | 4.19                     | 4.23                     | 7.22                       |
|                          | 33      | 6115      | 4.19                     | 4.32                     | 7.27                       |
|                          | 37      | 6135      | 4.18                     | 4.25                     | 7.23                       |
|                          | 41      | 6155      | 4.15                     | 4.21                     | 7.19                       |
|                          | 45      | 6175      | 4.09                     | 4.32                     | 7.22                       |
|                          | 49      | 6195      | 4.25                     | 4.06                     | 7.17                       |
|                          | 53      | 6215      | 4.07                     | 4.34                     | 7.22                       |
|                          | 57      | 6235      | 4.14                     | 4.21                     | 7.19                       |
|                          | 61      | 6255      | 4.3                      | 4.26                     | 7.29                       |
| 802.11ax HE40            | 65      | 6275      | 4.34                     | 4.22                     | 7.29                       |
|                          | 69      | 6295      | 4.2                      | 4.26                     | 7.24                       |
|                          | 73      | 6315      | 4.28                     | 4.16                     | 7.23                       |
|                          | 77      | 6335      | 4.28                     | 4.25                     | 7.28                       |
|                          | 81      | 6355      | 4.26                     | 4.31                     | 7.3                        |
|                          | 85      | 6375      | 4.08                     | 4.08                     | 7.09                       |
|                          | 89      | 6395      | 4.17                     | 4.12                     | 7.16                       |
|                          | 93      | 6415      | 4.34                     | 4.25                     | 7.31                       |
|                          | 3       | 5965      | 7.18                     | 7.14                     | 10.17                      |
|                          | 11      | 6005      | 7.23                     | 7.07                     | 10.16                      |
|                          | 19      | 6045      | 7.22                     | 7.31                     | 10.28                      |
|                          | 27      | 6085      | 7.22                     | 7.32                     | 10.28                      |
| 802.11ax HE80            | 35      | 6125      | 7.17                     | 7.21                     | 10.2                       |
|                          | 43      | 6165      | 7.18                     | 7.3                      | 10.25                      |
|                          | 51      | 6205      | 7.12                     | 7.17                     | 10.16                      |
|                          | 59      | 6245      | 7.32                     | 7.33                     | 10.34                      |
|                          | 67      | 6285      | 7.24                     | 7.22                     | 10.24                      |
|                          | 75      | 6325      | 7.24                     | 7.18                     | 10.22                      |
|                          | 83      | 6365      | 7.18                     | 7.16                     | 10.18                      |
|                          | 91      | 6405      | 7.34                     | 7.21                     | 10.29                      |
|                          | 7       | 5985      | 10.29                    | 10.29                    | 13.3                       |
|                          | 23      | 6065      | 10.17                    | 10.27                    | 13.23                      |
| 802.11ax HE160           | 39      | 6145      | 10.07                    | 10.12                    | 13.11                      |
|                          | 55      | 6225      | 10.22                    | 10.16                    | 13.2                       |
|                          | 71      | 6305      | 10.26                    | 10.19                    | 13.24                      |
|                          | 87      | 6385      | 10.35                    | 10.12                    | 13.25                      |
|                          | 15      | 6025      | 12.88                    | 12.65                    | 15.78                      |
|                          | 47      | 6185      | 12.9                     | 12.84                    | 15.88                      |
|                          | 79      | 6345      | 12.81                    | 12.69                    | 15.76                      |

| Conducted Power (2T)_LPI |         |           |                          |                          |                            |
|--------------------------|---------|-----------|--------------------------|--------------------------|----------------------------|
| UNII-5 Ant 0+1           |         |           |                          |                          |                            |
| Mode                     | Channel | Frequency | MIMO Ant 0<br>Avg. Power | MIMO Ant 1<br>Avg. Power | MIMO Ant 0+1<br>Avg. Power |
| 802.11be EHT20           | 1       | 5955      | 4.19                     | 4.11                     | 7.16                       |
|                          | 5       | 5975      | 4.12                     | 4.29                     | 7.22                       |
|                          | 9       | 5995      | 4.06                     | 4.23                     | 7.16                       |
|                          | 13      | 6015      | 4.34                     | 4.24                     | 7.3                        |
|                          | 17      | 6035      | 4.13                     | 4.25                     | 7.2                        |
|                          | 21      | 6055      | 4.23                     | 4.14                     | 7.2                        |
|                          | 25      | 6075      | 4.2                      | 4.09                     | 7.16                       |
|                          | 29      | 6095      | 4.28                     | 4.29                     | 7.3                        |
|                          | 33      | 6115      | 4.16                     | 4.12                     | 7.15                       |
|                          | 37      | 6135      | 4.34                     | 4.26                     | 7.31                       |
|                          | 41      | 6155      | 4.29                     | 4.31                     | 7.31                       |
|                          | 45      | 6175      | 4.05                     | 4.13                     | 7.1                        |
|                          | 49      | 6195      | 4.24                     | 4.2                      | 7.23                       |
|                          | 53      | 6215      | 4.1                      | 4.31                     | 7.22                       |
|                          | 57      | 6235      | 4.32                     | 4.13                     | 7.24                       |
|                          | 61      | 6255      | 4.11                     | 4.15                     | 7.14                       |
|                          | 65      | 6275      | 4.2                      | 4.24                     | 7.23                       |
|                          | 69      | 6295      | 4.32                     | 4.06                     | 7.2                        |
|                          | 73      | 6315      | 4.15                     | 4.29                     | 7.23                       |
|                          | 77      | 6335      | 4.21                     | 4.14                     | 7.19                       |
| 802.11be EHT40           | 81      | 6355      | 4.05                     | 4.13                     | 7.1                        |
|                          | 85      | 6375      | 4.31                     | 4.09                     | 7.21                       |
|                          | 89      | 6395      | 4.18                     | 4.25                     | 7.23                       |
|                          | 93      | 6415      | 4.18                     | 4.25                     | 7.23                       |
|                          | 3       | 5965      | 7.3                      | 7.16                     | 10.24                      |
|                          | 11      | 6005      | 7.17                     | 7.1                      | 10.15                      |
|                          | 19      | 6045      | 7.33                     | 7.16                     | 10.26                      |
|                          | 27      | 6085      | 7.08                     | 7.21                     | 10.16                      |
|                          | 35      | 6125      | 7.35                     | 7.31                     | 10.34                      |
|                          | 43      | 6165      | 7.23                     | 7.23                     | 10.24                      |
| 802.11be EHT80           | 51      | 6205      | 7.26                     | 7.16                     | 10.22                      |
|                          | 59      | 6245      | 7.06                     | 7.09                     | 10.09                      |
|                          | 67      | 6285      | 7.18                     | 7.09                     | 10.15                      |
|                          | 75      | 6325      | 7.16                     | 7.09                     | 10.14                      |
|                          | 83      | 6365      | 7.22                     | 7.14                     | 10.19                      |
|                          | 91      | 6405      | 7.25                     | 7.09                     | 10.18                      |
| 802.11be EHT160          | 7       | 5985      | 10.2                     | 10.12                    | 13.17                      |
|                          | 23      | 6065      | 10.08                    | 10.21                    | 13.16                      |
|                          | 39      | 6145      | 10.35                    | 10.16                    | 13.27                      |
|                          | 55      | 6225      | 10.23                    | 10.23                    | 13.24                      |
|                          | 71      | 6305      | 10.29                    | 10.2                     | 13.26                      |
|                          | 87      | 6385      | 10.34                    | 10.32                    | 13.34                      |
|                          | 15      | 6025      | 12.61                    | 12.63                    | 15.63                      |
|                          | 47      | 6185      | 12.84                    | 12.7                     | 15.78                      |
|                          | 79      | 6345      | 12.55                    | 12.56                    | 15.57                      |

| Conducted Power (2T)_LPI |         |           |                          |                          |                            |
|--------------------------|---------|-----------|--------------------------|--------------------------|----------------------------|
| UNII-6 Ant 0+1           |         |           |                          |                          |                            |
| Mode                     | Channel | Frequency | MIMO Ant 0<br>Avg. Power | MIMO Ant 1<br>Avg. Power | MIMO Ant 0+1<br>Avg. Power |
| 802.11a                  | 97      | 6435      | 1.63                     | 1.72                     | 4.69                       |
|                          | 101     | 6455      | 1.67                     | 1.66                     | 4.68                       |
|                          | 105     | 6475      | 1.82                     | 1.79                     | 4.82                       |
|                          | 109     | 6495      | 1.67                     | 1.64                     | 4.67                       |
|                          | 113     | 6515      | 1.55                     | 1.58                     | 4.58                       |
| 802.11ax HE20            | 97      | 6435      | 4.22                     | 4.06                     | 7.15                       |
|                          | 101     | 6455      | 4.1                      | 4.32                     | 7.22                       |
|                          | 105     | 6475      | 4.28                     | 4.13                     | 7.22                       |
|                          | 109     | 6495      | 4.25                     | 4.09                     | 7.18                       |
|                          | 113     | 6515      | 4.23                     | 4.34                     | 7.3                        |
| 802.11ax HE40            | 99      | 6445      | 7.16                     | 7.2                      | 10.19                      |
|                          | 107     | 6485      | 7.21                     | 7.18                     | 10.21                      |
|                          | 115     | 6525      | 7.06                     | 7.17                     | 10.13                      |
| 802.11ax HE80            | 103     | 6465      | 10.19                    | 10.31                    | 13.26                      |
|                          | 119     | 6545      | 10.18                    | 10.23                    | 13.22                      |
| 802.11ax HE160           | 111     | 6505      | 12.93                    | 12.92                    | 15.94                      |
| 802.11be EHT20           | 97      | 6435      | 4.28                     | 4.24                     | 7.27                       |
|                          | 101     | 6455      | 4.07                     | 4.14                     | 7.12                       |
|                          | 105     | 6475      | 4.24                     | 4.21                     | 7.24                       |
|                          | 109     | 6495      | 4.11                     | 4.07                     | 7.1                        |
|                          | 113     | 6515      | 4.3                      | 4.16                     | 7.24                       |
| 802.11be EHT40           | 99      | 6445      | 7.24                     | 7.2                      | 10.23                      |
|                          | 107     | 6485      | 7.16                     | 7.21                     | 10.2                       |
|                          | 115     | 6525      | 7.07                     | 7.08                     | 10.09                      |
| 802.11be EHT80           | 103     | 6465      | 10.29                    | 10.2                     | 13.26                      |
|                          | 119     | 6545      | 10.26                    | 10.08                    | 13.18                      |
| 802.11be EHT160          | 111     | 6505      | 12.64                    | 12.82                    | 15.74                      |

| Conducted Power (2T)_LPI |         |           |                          |                          |                            |
|--------------------------|---------|-----------|--------------------------|--------------------------|----------------------------|
| UNII-7 Ant 0+1           |         |           |                          |                          |                            |
| Mode                     | Channel | Frequency | MIMO Ant 0<br>Avg. Power | MIMO Ant 1<br>Avg. Power | MIMO Ant 0+1<br>Avg. Power |
| 802.11a                  | 117     | 6535      | 1.16                     | 1.1                      | 4.14                       |
|                          | 121     | 6555      | 1.19                     | 1.29                     | 4.25                       |
|                          | 125     | 6575      | 1.1                      | 1.2                      | 4.16                       |
|                          | 129     | 6595      | 1.15                     | 1.28                     | 4.23                       |
|                          | 133     | 6615      | 1.1                      | 1.29                     | 4.21                       |
|                          | 137     | 6635      | 1.23                     | 1.31                     | 4.28                       |
|                          | 141     | 6655      | 1.34                     | 1.27                     | 4.32                       |
|                          | 145     | 6675      | 1.24                     | 1.09                     | 4.18                       |
|                          | 149     | 6695      | 1.08                     | 1.18                     | 4.14                       |
|                          | 153     | 6715      | 1.08                     | 1.33                     | 4.22                       |
|                          | 157     | 6735      | 1.17                     | 1.31                     | 4.25                       |
|                          | 161     | 6755      | 1.1                      | 1.35                     | 4.24                       |
|                          | 165     | 6775      | 1.23                     | 1.24                     | 4.25                       |
|                          | 169     | 6795      | 1.12                     | 1.34                     | 4.24                       |
|                          | 173     | 6815      | 1.06                     | 1.25                     | 4.17                       |
|                          | 177     | 6835      | 1.11                     | 1.24                     | 4.19                       |
|                          | 181     | 6855      | 1.05                     | 1.09                     | 4.08                       |
| 802.11ax HE20            | 117     | 6535      | 4.21                     | 4.19                     | 7.21                       |
|                          | 121     | 6555      | 4.09                     | 4.12                     | 7.12                       |
|                          | 125     | 6575      | 4.17                     | 4.34                     | 7.27                       |
|                          | 129     | 6595      | 4.05                     | 4.33                     | 7.2                        |
|                          | 133     | 6615      | 4.2                      | 4.21                     | 7.22                       |
|                          | 137     | 6635      | 4.06                     | 4.17                     | 7.13                       |
|                          | 141     | 6655      | 4.12                     | 4.3                      | 7.22                       |
|                          | 145     | 6675      | 4.19                     | 4.22                     | 7.22                       |
|                          | 149     | 6695      | 4.1                      | 4.28                     | 7.2                        |
|                          | 153     | 6715      | 4.06                     | 4.07                     | 7.08                       |
|                          | 157     | 6735      | 4.1                      | 4.28                     | 7.2                        |
|                          | 161     | 6755      | 4.11                     | 4.18                     | 7.16                       |
|                          | 165     | 6775      | 4.32                     | 4.19                     | 7.27                       |
|                          | 169     | 6795      | 4.34                     | 4.05                     | 7.21                       |
|                          | 173     | 6815      | 4.15                     | 4.25                     | 7.21                       |
|                          | 177     | 6835      | 4.21                     | 4.27                     | 7.25                       |
|                          | 181     | 6855      | 4.16                     | 4.06                     | 7.12                       |
| 802.11ax HE40            | 123     | 6565      | 7.08                     | 7.16                     | 10.13                      |
|                          | 131     | 6605      | 7.2                      | 7.25                     | 10.24                      |
|                          | 139     | 6645      | 7.12                     | 7.35                     | 10.25                      |
|                          | 147     | 6685      | 7.3                      | 7.08                     | 10.2                       |
|                          | 155     | 6725      | 7.22                     | 7.22                     | 10.23                      |
|                          | 163     | 6765      | 7.28                     | 7.1                      | 10.2                       |
|                          | 171     | 6805      | 7.23                     | 7.05                     | 10.15                      |
|                          | 179     | 6845      | 7.16                     | 7.23                     | 10.21                      |
| 802.11ax HE80            | 187     | 6885      | 7.33                     | 7.1                      | 10.23                      |
|                          | 135     | 6625      | 10.29                    | 10.29                    | 13.3                       |
|                          | 151     | 6705      | 10.24                    | 10.27                    | 13.27                      |
|                          | 167     | 6785      | 10.17                    | 10.08                    | 13.14                      |
| 802.11ax HE160           | 183     | 6865      | 10.13                    | 10.3                     | 13.23                      |
|                          | 143     | 6665      | 12.82                    | 12.86                    | 15.85                      |
|                          | 175     | 6825      | 12.83                    | 12.83                    | 15.84                      |

| Conducted Power (2T)_LPI |         |           |                          |                          |                            |
|--------------------------|---------|-----------|--------------------------|--------------------------|----------------------------|
| UNII-7 Ant 0+1           |         |           |                          |                          |                            |
| Mode                     | Channel | Frequency | MIMO Ant 0<br>Avg. Power | MIMO Ant 1<br>Avg. Power | MIMO Ant 0+1<br>Avg. Power |
| 802.11be EHT20           | 117     | 6535      | 4.19                     | 4.25                     | 7.23                       |
|                          | 121     | 6555      | 4.21                     | 4.05                     | 7.14                       |
|                          | 125     | 6575      | 4.32                     | 4.23                     | 7.29                       |
|                          | 129     | 6595      | 4.22                     | 4.34                     | 7.29                       |
|                          | 133     | 6615      | 4.07                     | 4.29                     | 7.19                       |
|                          | 137     | 6635      | 4.08                     | 4.15                     | 7.13                       |
|                          | 141     | 6655      | 4.19                     | 4.1                      | 7.16                       |
|                          | 145     | 6675      | 4.16                     | 4.16                     | 7.17                       |
|                          | 149     | 6695      | 4.27                     | 4.24                     | 7.27                       |
|                          | 153     | 6715      | 4.12                     | 4.22                     | 7.18                       |
|                          | 157     | 6735      | 4.26                     | 4.19                     | 7.24                       |
|                          | 161     | 6755      | 4.09                     | 4.32                     | 7.22                       |
|                          | 165     | 6775      | 4.08                     | 4.12                     | 7.11                       |
|                          | 169     | 6795      | 4.34                     | 4.12                     | 7.24                       |
|                          | 173     | 6815      | 4.16                     | 4.31                     | 7.25                       |
|                          | 177     | 6835      | 4.09                     | 4.14                     | 7.13                       |
| 802.11be EHT40           | 181     | 6855      | 4.34                     | 4.24                     | 7.3                        |
|                          | 123     | 6565      | 7.14                     | 7.09                     | 10.13                      |
|                          | 131     | 6605      | 7.22                     | 7.2                      | 10.22                      |
|                          | 139     | 6645      | 7.2                      | 7.18                     | 10.2                       |
|                          | 147     | 6685      | 7.33                     | 7.28                     | 10.32                      |
|                          | 155     | 6725      | 7.09                     | 7.1                      | 10.11                      |
|                          | 163     | 6765      | 7.06                     | 7.15                     | 10.12                      |
|                          | 171     | 6805      | 7.19                     | 7.27                     | 10.24                      |
| 802.11be EHT80           | 179     | 6845      | 7.25                     | 7.09                     | 10.18                      |
|                          | 187     | 6885      | 7.14                     | 7.12                     | 10.14                      |
|                          | 135     | 6625      | 10.11                    | 10.13                    | 13.13                      |
|                          | 151     | 6705      | 10.25                    | 10.14                    | 13.21                      |
| 802.11be EHT160          | 167     | 6785      | 10.16                    | 10.23                    | 13.21                      |
|                          | 183     | 6865      | 10.26                    | 10.35                    | 13.32                      |
| 802.11be EHT160          | 143     | 6665      | 12.66                    | 12.75                    | 15.72                      |
|                          | 175     | 6825      | 12.75                    | 12.59                    | 15.68                      |

| Conducted Power (2T)_LPI |         |           |                          |                          |                            |
|--------------------------|---------|-----------|--------------------------|--------------------------|----------------------------|
| UNII-8 Ant 0+1           |         |           |                          |                          |                            |
| Mode                     | Channel | Frequency | MIMO Ant 0<br>Avg. Power | MIMO Ant 1<br>Avg. Power | MIMO Ant 0+1<br>Avg. Power |
| 802.11a                  | 185     | 6875      | 1.67                     | 1.82                     | 4.76                       |
|                          | 189     | 6895      | 1.59                     | 1.59                     | 4.6                        |
|                          | 193     | 6915      | 1.79                     | 1.59                     | 4.7                        |
|                          | 197     | 6935      | 1.66                     | 1.71                     | 4.7                        |
|                          | 201     | 6955      | 1.57                     | 1.59                     | 4.59                       |
|                          | 205     | 6975      | 1.78                     | 1.82                     | 4.81                       |
|                          | 209     | 6995      | 1.75                     | 1.68                     | 4.73                       |
|                          | 213     | 7015      | 1.84                     | 1.55                     | 4.71                       |
|                          | 217     | 7035      | 1.59                     | 1.83                     | 4.72                       |
|                          | 221     | 7055      | 1.59                     | 1.77                     | 4.69                       |
|                          | 225     | 7075      | 1.66                     | 1.81                     | 4.75                       |
|                          | 229     | 7095      | 1.63                     | 1.84                     | 4.75                       |
|                          | 233     | 7115      | 1.64                     | 1.65                     | 4.66                       |
| 802.11ax HE20            | 185     | 6875      | 4.19                     | 4.26                     | 7.24                       |
|                          | 189     | 6895      | 4.1                      | 4.31                     | 7.22                       |
|                          | 193     | 6915      | 4.13                     | 4.22                     | 7.19                       |
|                          | 197     | 6935      | 4.25                     | 4.08                     | 7.18                       |
|                          | 201     | 6955      | 4.09                     | 4.22                     | 7.17                       |
|                          | 205     | 6975      | 4.11                     | 4.14                     | 7.14                       |
|                          | 209     | 6995      | 4.13                     | 4.33                     | 7.24                       |
|                          | 213     | 7015      | 4.33                     | 4.3                      | 7.33                       |
|                          | 217     | 7035      | 4.31                     | 4.08                     | 7.21                       |
|                          | 221     | 7055      | 4.19                     | 4.09                     | 7.15                       |
|                          | 225     | 7075      | 4.05                     | 4.14                     | 7.11                       |
|                          | 229     | 7095      | 4.17                     | 4.18                     | 7.19                       |
|                          | 233     | 7115      | 4.05                     | 4.18                     | 7.13                       |
| 802.11ax HE40            | 195     | 6925      | 7.17                     | 7.31                     | 10.25                      |
|                          | 203     | 6965      | 7.34                     | 7.23                     | 10.3                       |
|                          | 211     | 7005      | 7.32                     | 7.26                     | 10.3                       |
|                          | 219     | 7045      | 7.09                     | 7.25                     | 10.18                      |
|                          | 227     | 7085      | 7.2                      | 7.34                     | 10.28                      |
| 802.11ax HE80            | 199     | 6945      | 10.1                     | 10.06                    | 13.09                      |
|                          | 215     | 7025      | 10.27                    | 10.1                     | 13.2                       |
| 802.11ax HE160           | 207     | 6985      | 12.81                    | 12.79                    | 15.81                      |
| 802.11be EHT20           | 185     | 6875      | 4.2                      | 4.14                     | 7.18                       |
|                          | 189     | 6895      | 4.13                     | 4.27                     | 7.21                       |
|                          | 193     | 6915      | 4.19                     | 4.23                     | 7.22                       |
|                          | 197     | 6935      | 4.19                     | 4.09                     | 7.15                       |
|                          | 201     | 6955      | 4.32                     | 4.15                     | 7.25                       |
|                          | 205     | 6975      | 4.26                     | 4.21                     | 7.25                       |
|                          | 209     | 6995      | 4.3                      | 4.09                     | 7.21                       |
|                          | 213     | 7015      | 4.34                     | 4.21                     | 7.29                       |
|                          | 217     | 7035      | 4.14                     | 4.18                     | 7.17                       |
|                          | 221     | 7055      | 4.15                     | 4.06                     | 7.12                       |
|                          | 225     | 7075      | 4.05                     | 4.07                     | 7.07                       |
|                          | 229     | 7095      | 4.23                     | 4.11                     | 7.18                       |
|                          | 233     | 7115      | 4.16                     | 4.2                      | 7.19                       |
| 802.11be EHT40           | 195     | 6925      | 7.16                     | 7.13                     | 10.16                      |
|                          | 203     | 6965      | 7.32                     | 7.28                     | 10.31                      |
|                          | 211     | 7005      | 7.21                     | 7.25                     | 10.24                      |
|                          | 219     | 7045      | 7.24                     | 7.23                     | 10.25                      |
|                          | 227     | 7085      | 7.18                     | 7.19                     | 10.2                       |
| 802.11be EHT80           | 199     | 6945      | 10.23                    | 10.26                    | 13.26                      |
|                          | 215     | 7025      | 10.21                    | 10.17                    | 13.2                       |
| 802.11be EHT160          | 207     | 6985      | 12.83                    | 12.75                    | 15.8                       |

| Conducted Power (2T)_VLP |         |           |                          |                          |                            |
|--------------------------|---------|-----------|--------------------------|--------------------------|----------------------------|
| UNII-5 Ant 0+1           |         |           |                          |                          |                            |
| Mode                     | Channel | Frequency | MIMO Ant 0<br>Avg. Power | MIMO Ant 1<br>Avg. Power | MIMO Ant 0+1<br>Avg. Power |
| 802.11a                  | 1       | 5955      | -3.35                    | -3.25                    | -0.29                      |
|                          | 5       | 5975      | -3.42                    | -3.3                     | -0.35                      |
|                          | 9       | 5995      | -3.1                     | -3.45                    | -0.26                      |
|                          | 13      | 6015      | -3.15                    | -3.16                    | -0.14                      |
|                          | 17      | 6035      | -3.43                    | -3.12                    | -0.26                      |
|                          | 21      | 6055      | -3.26                    | -3.42                    | -0.33                      |
|                          | 25      | 6075      | -3.15                    | -3.12                    | -0.12                      |
|                          | 29      | 6095      | -3.21                    | -3.18                    | -0.18                      |
|                          | 33      | 6115      | -3.27                    | -3.37                    | -0.31                      |
|                          | 37      | 6135      | -3.17                    | -3.18                    | -0.16                      |
|                          | 41      | 6155      | -3.17                    | -3.27                    | -0.21                      |
|                          | 45      | 6175      | -3.39                    | -3.17                    | -0.27                      |
|                          | 49      | 6195      | -3.38                    | -3.39                    | -0.37                      |
|                          | 53      | 6215      | -3.34                    | -3.2                     | -0.26                      |
|                          | 57      | 6235      | -3.37                    | -3.33                    | -0.34                      |
|                          | 61      | 6255      | -3.35                    | -3.1                     | -0.21                      |
|                          | 65      | 6275      | -3.34                    | -3.43                    | -0.37                      |
|                          | 69      | 6295      | -3.32                    | -3.44                    | -0.37                      |
|                          | 73      | 6315      | -3.34                    | -3.45                    | -0.38                      |
|                          | 77      | 6335      | -3.32                    | -3.24                    | -0.27                      |
| 802.11ax HE20            | 81      | 6355      | -3.37                    | -3.16                    | -0.25                      |
|                          | 85      | 6375      | -3.25                    | -3.41                    | -0.32                      |
|                          | 89      | 6395      | -3.39                    | -3.24                    | -0.3                       |
|                          | 93      | 6415      | -3.16                    | -3.38                    | -0.26                      |
|                          | 1       | 5955      | -0.35                    | -0.17                    | 2.75                       |
|                          | 5       | 5975      | -0.25                    | -0.17                    | 2.8                        |
|                          | 9       | 5995      | -0.28                    | -0.22                    | 2.76                       |
|                          | 13      | 6015      | -0.39                    | -0.17                    | 2.73                       |
|                          | 17      | 6035      | -0.38                    | -0.18                    | 2.73                       |
|                          | 21      | 6055      | -0.44                    | -0.13                    | 2.73                       |
|                          | 25      | 6075      | -0.37                    | -0.29                    | 2.68                       |
|                          | 29      | 6095      | -0.31                    | -0.45                    | 2.63                       |
|                          | 33      | 6115      | -0.18                    | -0.12                    | 2.86                       |
|                          | 37      | 6135      | -0.16                    | -0.1                     | 2.88                       |
|                          | 41      | 6155      | -0.42                    | -0.28                    | 2.66                       |
|                          | 45      | 6175      | -0.23                    | -0.22                    | 2.79                       |
|                          | 49      | 6195      | -0.44                    | -0.23                    | 2.68                       |
|                          | 53      | 6215      | -0.31                    | -0.16                    | 2.78                       |
|                          | 57      | 6235      | -0.31                    | -0.28                    | 2.72                       |
|                          | 61      | 6255      | -0.2                     | -0.34                    | 2.74                       |
| 802.11ax HE40            | 65      | 6275      | -0.37                    | -0.12                    | 2.77                       |
|                          | 69      | 6295      | -0.15                    | -0.15                    | 2.86                       |
|                          | 73      | 6315      | -0.32                    | -0.45                    | 2.63                       |
|                          | 77      | 6335      | -0.19                    | -0.33                    | 2.75                       |
|                          | 81      | 6355      | -0.09                    | -0.39                    | 2.77                       |
|                          | 85      | 6375      | -0.42                    | -0.23                    | 2.69                       |
|                          | 89      | 6395      | -0.39                    | -0.09                    | 2.77                       |
|                          | 93      | 6415      | -0.4                     | -0.33                    | 2.65                       |
|                          | 3       | 5965      | 2.76                     | 2.73                     | 5.76                       |
|                          | 11      | 6005      | 2.81                     | 2.68                     | 5.76                       |
|                          | 19      | 6045      | 2.83                     | 2.63                     | 5.74                       |
|                          | 27      | 6085      | 2.74                     | 2.75                     | 5.76                       |
| 802.11ax HE80            | 35      | 6125      | 2.78                     | 2.68                     | 5.74                       |
|                          | 43      | 6165      | 2.77                     | 2.66                     | 5.73                       |
|                          | 51      | 6205      | 2.75                     | 2.64                     | 5.71                       |
|                          | 59      | 6245      | 2.64                     | 2.78                     | 5.72                       |
|                          | 67      | 6285      | 2.56                     | 2.9                      | 5.74                       |
|                          | 75      | 6325      | 2.6                      | 2.64                     | 5.63                       |
|                          | 83      | 6365      | 2.68                     | 2.56                     | 5.63                       |
|                          | 91      | 6405      | 2.55                     | 2.77                     | 5.67                       |
|                          | 7       | 5985      | 5.79                     | 5.65                     | 8.73                       |
|                          | 23      | 6065      | 5.8                      | 5.78                     | 8.8                        |
| 802.11ax HE160           | 39      | 6145      | 5.68                     | 5.77                     | 8.74                       |
|                          | 55      | 6225      | 5.67                     | 5.56                     | 8.63                       |
|                          | 71      | 6305      | 5.87                     | 5.83                     | 8.86                       |
| 802.11ax HE160           | 87      | 6385      | 5.78                     | 5.8                      | 8.8                        |
|                          | 15      | 6025      | 6.14                     | 6.4                      | 9.28                       |
|                          | 47      | 6185      | 6.32                     | 6.29                     | 9.32                       |
| 802.11ax HE160           | 79      | 6345      | 6.3                      | 6.06                     | 9.19                       |

| Conducted Power (2T)_VLP |         |           |                          |                          |                            |
|--------------------------|---------|-----------|--------------------------|--------------------------|----------------------------|
| UNII-5 Ant 0+1           |         |           |                          |                          |                            |
| Mode                     | Channel | Frequency | MIMO Ant 0<br>Avg. Power | MIMO Ant 1<br>Avg. Power | MIMO Ant 0+1<br>Avg. Power |
| 802.11be EHT20           | 1       | 5955      | -0.26                    | -0.22                    | 2.77                       |
|                          | 5       | 5975      | -0.17                    | -0.34                    | 2.76                       |
|                          | 9       | 5995      | -0.25                    | -0.35                    | 2.71                       |
|                          | 13      | 6015      | -0.2                     | -0.27                    | 2.78                       |
|                          | 17      | 6035      | -0.11                    | -0.3                     | 2.81                       |
|                          | 21      | 6055      | -0.23                    | -0.41                    | 2.69                       |
|                          | 25      | 6075      | -0.24                    | -0.37                    | 2.71                       |
|                          | 29      | 6095      | -0.18                    | -0.45                    | 2.7                        |
|                          | 33      | 6115      | -0.21                    | -0.37                    | 2.72                       |
|                          | 37      | 6135      | -0.32                    | -0.12                    | 2.79                       |
|                          | 41      | 6155      | -0.18                    | -0.26                    | 2.79                       |
|                          | 45      | 6175      | -0.44                    | -0.1                     | 2.74                       |
|                          | 49      | 6195      | -0.3                     | -0.15                    | 2.79                       |
|                          | 53      | 6215      | -0.18                    | -0.21                    | 2.82                       |
|                          | 57      | 6235      | -0.36                    | -0.26                    | 2.7                        |
|                          | 61      | 6255      | -0.37                    | -0.34                    | 2.66                       |
|                          | 65      | 6275      | -0.35                    | -0.13                    | 2.77                       |
|                          | 69      | 6295      | -0.25                    | -0.19                    | 2.79                       |
|                          | 73      | 6315      | -0.11                    | -0.34                    | 2.79                       |
|                          | 77      | 6335      | -0.2                     | -0.13                    | 2.85                       |
| 802.11be EHT40           | 81      | 6355      | -0.4                     | -0.26                    | 2.68                       |
|                          | 85      | 6375      | -0.44                    | -0.38                    | 2.6                        |
|                          | 89      | 6395      | -0.12                    | -0.25                    | 2.83                       |
|                          | 93      | 6415      | -0.12                    | -0.45                    | 2.73                       |
|                          | 3       | 5965      | 2.82                     | 2.59                     | 5.72                       |
|                          | 11      | 6005      | 2.85                     | 2.58                     | 5.73                       |
|                          | 19      | 6045      | 2.73                     | 2.72                     | 5.74                       |
|                          | 27      | 6085      | 2.64                     | 2.67                     | 5.67                       |
|                          | 35      | 6125      | 2.91                     | 2.56                     | 5.75                       |
|                          | 43      | 6165      | 2.8                      | 2.91                     | 5.87                       |
| 802.11be EHT80           | 51      | 6205      | 2.6                      | 2.91                     | 5.77                       |
|                          | 59      | 6245      | 2.92                     | 2.73                     | 5.84                       |
|                          | 67      | 6285      | 2.83                     | 2.59                     | 5.72                       |
|                          | 75      | 6325      | 2.79                     | 2.83                     | 5.82                       |
|                          | 83      | 6365      | 2.77                     | 2.83                     | 5.81                       |
|                          | 91      | 6405      | 2.85                     | 2.79                     | 5.83                       |
| 802.11be EHT160          | 7       | 5985      | 5.8                      | 5.74                     | 8.78                       |
|                          | 23      | 6065      | 5.89                     | 5.59                     | 8.75                       |
|                          | 39      | 6145      | 5.75                     | 5.91                     | 8.84                       |
|                          | 55      | 6225      | 5.88                     | 5.63                     | 8.77                       |
|                          | 71      | 6305      | 5.66                     | 5.71                     | 8.7                        |
|                          | 87      | 6385      | 5.64                     | 5.74                     | 8.7                        |
|                          | 15      | 6025      | 6.24                     | 6.11                     | 9.19                       |
|                          | 47      | 6185      | 6.14                     | 6.33                     | 9.25                       |
|                          | 79      | 6345      | 6.16                     | 6.28                     | 9.23                       |

| Conducted Power (2T)_VLP |         |           |                          |                          |                            |
|--------------------------|---------|-----------|--------------------------|--------------------------|----------------------------|
| UNII-6 Ant 0+1           |         |           |                          |                          |                            |
| Mode                     | Channel | Frequency | MIMO Ant 0<br>Avg. Power | MIMO Ant 1<br>Avg. Power | MIMO Ant 0+1<br>Avg. Power |
| 802.11a                  | 97      | 6435      | -2.83                    | -2.72                    | 0.24                       |
|                          | 101     | 6455      | -2.95                    | -2.69                    | 0.19                       |
|                          | 105     | 6475      | -2.58                    | -2.88                    | 0.28                       |
|                          | 109     | 6495      | -2.95                    | -2.67                    | 0.2                        |
|                          | 113     | 6515      | -2.89                    | -2.67                    | 0.23                       |
| 802.11ax HE20            | 97      | 6435      | -0.37                    | -0.08                    | 2.79                       |
|                          | 101     | 6455      | -0.19                    | -0.26                    | 2.79                       |
|                          | 105     | 6475      | -0.41                    | -0.08                    | 2.77                       |
|                          | 109     | 6495      | -0.15                    | -0.42                    | 2.73                       |
|                          | 113     | 6515      | -0.08                    | -0.42                    | 2.76                       |
| 802.11ax HE40            | 99      | 6445      | 3.16                     | 3.42                     | 6.3                        |
|                          | 107     | 6485      | 3.37                     | 3.16                     | 6.28                       |
|                          | 115     | 6525      | 3.3                      | 3.33                     | 6.33                       |
| 802.11ax HE80            | 103     | 6465      | 5.61                     | 5.65                     | 8.64                       |
|                          | 119     | 6545      | 5.92                     | 5.62                     | 8.78                       |
| 802.11ax HE160           | 111     | 6505      | 6.15                     | 6.17                     | 9.17                       |
| 802.11be EHT20           | 97      | 6435      | 0.34                     | 0.36                     | 3.36                       |
|                          | 101     | 6455      | 0.26                     | 0.36                     | 3.32                       |
|                          | 105     | 6475      | 0.29                     | 0.3                      | 3.31                       |
|                          | 109     | 6495      | 0.2                      | 0.07                     | 3.15                       |
|                          | 113     | 6515      | 0.41                     | 0.33                     | 3.38                       |
| 802.11be EHT40           | 99      | 6445      | 3.37                     | 3.14                     | 6.27                       |
|                          | 107     | 6485      | 3.2                      | 3.05                     | 6.14                       |
|                          | 115     | 6525      | 3.34                     | 3.22                     | 6.29                       |
| 802.11be EHT80           | 103     | 6465      | 5.71                     | 5.79                     | 8.76                       |
|                          | 119     | 6545      | 5.91                     | 5.79                     | 8.86                       |
| 802.11be EHT160          | 111     | 6505      | 6.7                      | 6.89                     | 9.81                       |

| Conducted Power (2T)_VLP |         |           |                          |                          |                            |
|--------------------------|---------|-----------|--------------------------|--------------------------|----------------------------|
| UNII-7 Ant 0+1           |         |           |                          |                          |                            |
| Mode                     | Channel | Frequency | MIMO Ant 0<br>Avg. Power | MIMO Ant 1<br>Avg. Power | MIMO Ant 0+1<br>Avg. Power |
| 802.11a                  | 117     | 6535      | -3.24                    | -3.08                    | -0.15                      |
|                          | 121     | 6555      | -3.2                     | -3.34                    | -0.26                      |
|                          | 125     | 6575      | -3.18                    | -3.41                    | -0.28                      |
|                          | 129     | 6595      | -3.25                    | -3.39                    | -0.31                      |
|                          | 133     | 6615      | -3.26                    | -3.15                    | -0.19                      |
|                          | 137     | 6635      | -3.12                    | -3.15                    | -0.12                      |
|                          | 141     | 6655      | -3.16                    | -3.44                    | -0.29                      |
|                          | 145     | 6675      | -3.3                     | -3.25                    | -0.26                      |
|                          | 149     | 6695      | -3.41                    | -3.09                    | -0.24                      |
|                          | 153     | 6715      | -3.09                    | -3.4                     | -0.23                      |
|                          | 157     | 6735      | -3.32                    | -3.19                    | -0.24                      |
|                          | 161     | 6755      | -3.37                    | -3.37                    | -0.36                      |
|                          | 165     | 6775      | -3.41                    | -3.13                    | -0.26                      |
|                          | 169     | 6795      | -3.33                    | -3.4                     | -0.35                      |
|                          | 173     | 6815      | -3.38                    | -3.42                    | -0.39                      |
|                          | 177     | 6835      | -3.11                    | -3.35                    | -0.22                      |
| 802.11ax HE20            | 181     | 6855      | -3.2                     | -3.29                    | -0.23                      |
|                          | 117     | 6535      | -0.35                    | -0.32                    | 2.68                       |
|                          | 121     | 6555      | -0.28                    | -0.16                    | 2.79                       |
|                          | 125     | 6575      | -0.15                    | -0.39                    | 2.74                       |
|                          | 129     | 6595      | -0.29                    | -0.45                    | 2.64                       |
|                          | 133     | 6615      | -0.19                    | -0.28                    | 2.78                       |
|                          | 137     | 6635      | -0.37                    | -0.19                    | 2.73                       |
|                          | 141     | 6655      | -0.14                    | -0.1                     | 2.89                       |
|                          | 145     | 6675      | -0.37                    | -0.14                    | 2.76                       |
|                          | 149     | 6695      | -0.42                    | -0.24                    | 2.68                       |
|                          | 153     | 6715      | -0.4                     | -0.22                    | 2.7                        |
|                          | 157     | 6735      | -0.13                    | -0.32                    | 2.79                       |
|                          | 161     | 6755      | -0.39                    | -0.4                     | 2.62                       |
|                          | 165     | 6775      | -0.29                    | -0.38                    | 2.68                       |
|                          | 169     | 6795      | -0.23                    | -0.11                    | 2.84                       |
|                          | 173     | 6815      | -0.17                    | -0.4                     | 2.73                       |
|                          | 177     | 6835      | -0.12                    | -0.08                    | 2.91                       |
| 802.11ax HE40            | 181     | 6855      | 0.35                     | 0.05                     | 3.21                       |
|                          | 123     | 6565      | 2.58                     | 2.81                     | 5.71                       |
|                          | 131     | 6605      | 2.82                     | 2.87                     | 5.86                       |
|                          | 139     | 6645      | 2.78                     | 2.59                     | 5.7                        |
|                          | 147     | 6685      | 2.76                     | 2.83                     | 5.81                       |
|                          | 155     | 6725      | 2.85                     | 2.79                     | 5.83                       |
|                          | 163     | 6765      | 2.9                      | 2.59                     | 5.76                       |
|                          | 171     | 6805      | 2.73                     | 2.87                     | 5.81                       |
| 802.11ax HE80            | 179     | 6845      | 2.75                     | 2.84                     | 5.81                       |
|                          | 187     | 6885      | 3.32                     | 3.36                     | 6.35                       |
|                          | 135     | 6625      | 4.82                     | 4.81                     | 7.83                       |
|                          | 151     | 6705      | 4.69                     | 4.87                     | 7.79                       |
| 802.11ax HE160           | 167     | 6785      | 4.55                     | 4.83                     | 7.7                        |
|                          | 183     | 6865      | 4.8                      | 4.6                      | 7.71                       |
|                          | 143     | 6665      | 6.35                     | 6.19                     | 9.28                       |
|                          | 175     | 6825      | 6.2                      | 6.35                     | 9.29                       |

| Conducted Power (2T)_VLP |         |           |                          |                          |                            |
|--------------------------|---------|-----------|--------------------------|--------------------------|----------------------------|
| UNII-7 Ant 0+1           |         |           |                          |                          |                            |
| Mode                     | Channel | Frequency | MIMO Ant 0<br>Avg. Power | MIMO Ant 1<br>Avg. Power | MIMO Ant 0+1<br>Avg. Power |
| 802.11be EHT20           | 117     | 6535      | -0.28                    | -0.23                    | 2.76                       |
|                          | 121     | 6555      | -0.22                    | -0.24                    | 2.78                       |
|                          | 125     | 6575      | -0.29                    | -0.26                    | 2.74                       |
|                          | 129     | 6595      | -0.26                    | -0.36                    | 2.7                        |
|                          | 133     | 6615      | -0.2                     | -0.43                    | 2.7                        |
|                          | 137     | 6635      | -0.11                    | -0.43                    | 2.74                       |
|                          | 141     | 6655      | -0.09                    | -0.1                     | 2.92                       |
|                          | 145     | 6675      | -0.14                    | -0.21                    | 2.84                       |
|                          | 149     | 6695      | -0.16                    | -0.39                    | 2.74                       |
|                          | 153     | 6715      | -0.29                    | -0.39                    | 2.67                       |
|                          | 157     | 6735      | -0.22                    | -0.09                    | 2.86                       |
|                          | 161     | 6755      | -0.21                    | -0.32                    | 2.75                       |
|                          | 165     | 6775      | -0.32                    | -0.33                    | 2.69                       |
|                          | 169     | 6795      | -0.08                    | -0.27                    | 2.84                       |
|                          | 173     | 6815      | -0.39                    | -0.43                    | 2.6                        |
|                          | 177     | 6835      | -0.21                    | -0.18                    | 2.82                       |
|                          | 181     | 6855      | 0.15                     | 0.16                     | 3.17                       |
| 802.11be EHT40           | 123     | 6565      | 2.84                     | 2.63                     | 5.75                       |
|                          | 131     | 6605      | 2.57                     | 2.57                     | 5.58                       |
|                          | 139     | 6645      | 2.67                     | 2.73                     | 5.71                       |
|                          | 147     | 6685      | 2.82                     | 2.79                     | 5.82                       |
|                          | 155     | 6725      | 2.91                     | 2.6                      | 5.77                       |
|                          | 163     | 6765      | 2.75                     | 2.67                     | 5.72                       |
|                          | 171     | 6805      | 2.83                     | 2.76                     | 5.81                       |
|                          | 179     | 6845      | 2.9                      | 2.59                     | 5.76                       |
| 802.11be EHT80           | 187     | 6885      | 3.08                     | 3.22                     | 6.16                       |
|                          | 135     | 6625      | 4.55                     | 4.73                     | 7.65                       |
|                          | 151     | 6705      | 4.77                     | 4.79                     | 7.79                       |
|                          | 167     | 6785      | 4.84                     | 4.83                     | 7.85                       |
| 802.11be EHT160          | 183     | 6865      | 4.78                     | 4.55                     | 7.68                       |
|                          | 143     | 6665      | 6.17                     | 6.12                     | 9.16                       |
|                          | 175     | 6825      | 6.22                     | 6.17                     | 9.21                       |

| Conducted Power (2T)_VLP |         |           |                          |                          |                            |
|--------------------------|---------|-----------|--------------------------|--------------------------|----------------------------|
| UNII-8 Ant 0+1           |         |           |                          |                          |                            |
| Mode                     | Channel | Frequency | MIMO Ant 0<br>Avg. Power | MIMO Ant 1<br>Avg. Power | MIMO Ant 0+1<br>Avg. Power |
| 802.11a                  | 185     | 6875      | -2.75                    | -2.65                    | 0.31                       |
|                          | 189     | 6895      | -2.79                    | -2.83                    | 0.2                        |
|                          | 193     | 6915      | -2.59                    | -2.74                    | 0.35                       |
|                          | 197     | 6935      | -2.66                    | -2.81                    | 0.28                       |
|                          | 201     | 6955      | -2.9                     | -2.74                    | 0.19                       |
|                          | 205     | 6975      | -2.62                    | -2.71                    | 0.35                       |
|                          | 209     | 6995      | -2.92                    | -2.91                    | 0.1                        |
|                          | 213     | 7015      | -2.95                    | -2.87                    | 0.1                        |
|                          | 217     | 7035      | -2.58                    | -2.83                    | 0.31                       |
|                          | 221     | 7055      | -2.73                    | -2.85                    | 0.22                       |
|                          | 225     | 7075      | -2.86                    | -2.58                    | 0.29                       |
|                          | 229     | 7095      | -2.68                    | -2.9                     | 0.22                       |
| 802.11ax HE20            | 233     | 7115      | -2.75                    | -2.76                    | 0.26                       |
|                          | 185     | 6875      | 0.13                     | 0.35                     | 3.25                       |
|                          | 189     | 6895      | 0.37                     | 0.05                     | 3.22                       |
|                          | 193     | 6915      | 0.26                     | 0.4                      | 3.34                       |
|                          | 197     | 6935      | 0.34                     | 0.31                     | 3.34                       |
|                          | 201     | 6955      | 0.19                     | 0.1                      | 3.16                       |
|                          | 205     | 6975      | 0.21                     | 0.05                     | 3.14                       |
|                          | 209     | 6995      | 0.33                     | 0.2                      | 3.28                       |
|                          | 213     | 7015      | 0.26                     | 0.26                     | 3.27                       |
|                          | 217     | 7035      | 0.07                     | 0.41                     | 3.25                       |
|                          | 221     | 7055      | 0.06                     | 0.24                     | 3.16                       |
|                          | 225     | 7075      | 0.1                      | 0.19                     | 3.16                       |
| 802.11ax HE40            | 229     | 7095      | 0.23                     | 0.24                     | 3.25                       |
|                          | 233     | 7115      | 0.38                     | 0.08                     | 3.24                       |
|                          | 195     | 6925      | 2.73                     | 2.56                     | 5.66                       |
|                          | 203     | 6965      | 2.56                     | 2.76                     | 5.67                       |
|                          | 211     | 7005      | 2.65                     | 2.72                     | 5.7                        |
| 802.11ax HE80            | 219     | 7045      | 2.65                     | 2.67                     | 5.67                       |
|                          | 227     | 7085      | 2.8                      | 2.8                      | 5.81                       |
|                          | 199     | 6945      | 5.83                     | 5.89                     | 8.87                       |
| 802.11ax HE160           | 215     | 7025      | 5.86                     | 5.55                     | 8.72                       |
| 802.11be EHT20           | 207     | 6985      | 6.22                     | 6.05                     | 9.15                       |
|                          | 185     | 6875      | 0.92                     | 0.76                     | 3.85                       |
|                          | 189     | 6895      | 0.59                     | 0.78                     | 3.7                        |
|                          | 193     | 6915      | 0.79                     | 0.7                      | 3.76                       |
|                          | 197     | 6935      | 0.91                     | 0.75                     | 3.84                       |
|                          | 201     | 6955      | 0.86                     | 0.91                     | 3.9                        |
|                          | 205     | 6975      | 0.66                     | 0.71                     | 3.7                        |
|                          | 209     | 6995      | 0.58                     | 0.72                     | 3.66                       |
|                          | 213     | 7015      | 0.87                     | 0.91                     | 3.9                        |
|                          | 217     | 7035      | 0.62                     | 0.77                     | 3.71                       |
|                          | 221     | 7055      | 0.89                     | 0.84                     | 3.88                       |
|                          | 225     | 7075      | 0.88                     | 0.7                      | 3.8                        |
| 802.11be EHT40           | 229     | 7095      | 0.88                     | 0.87                     | 3.89                       |
|                          | 233     | 7115      | 0.68                     | 0.91                     | 3.81                       |
|                          | 195     | 6925      | 3.15                     | 3.42                     | 6.3                        |
|                          | 203     | 6965      | 3.12                     | 3.26                     | 6.2                        |
|                          | 211     | 7005      | 3.36                     | 3.41                     | 6.4                        |
| 802.11be EHT80           | 219     | 7045      | 3.18                     | 3.41                     | 6.31                       |
|                          | 227     | 7085      | 3.22                     | 3.22                     | 6.23                       |
|                          | 199     | 6945      | 5.85                     | 5.81                     | 8.84                       |
| 802.11be EHT160          | 215     | 7025      | 5.83                     | 5.88                     | 8.87                       |
|                          | 207     | 6985      | 6.78                     | 6.78                     | 9.79                       |

## **Appendix F. SAR and Incident Power Density Test Result**

SAR Results for Body Exposure Condition.

Note:

1. SAR testing for WLAN / BT was performed on the maximum power mode.
2. Per KDB 388624 APPENDIX OVER6G, the minimum of 5 channels to perform IPD across U-NII 5,6,7 and 8. and measured results were scaled by factor 1.545 to reported power density when measurement uncertainty exceed 30%.



| Body SAR Test Result |          |                 |               |                          |         |                   |            |            |              |                          |                                |                |                  |                        |                      |
|----------------------|----------|-----------------|---------------|--------------------------|---------|-------------------|------------|------------|--------------|--------------------------|--------------------------------|----------------|------------------|------------------------|----------------------|
| System & Position    |          |                 |               |                          |         | DUT Configuration |            | SAR        |              |                          |                                |                |                  |                        |                      |
| Plot No.             | Band     | Mode            | Test Position | Separation Distance (mm) | Channel | Ant Status        | Power type | Duty Cycle | Crest Factor | Max. Tune-up Power (dBm) | Measured Conducted Power (dBm) | Scaling Factor | Power Drift (dB) | Measured SAR-1g (W/kg) | Scaled SAR-1g (W/kg) |
|                      | WLAN2.4G | 802.11b         | Front Face    | 8                        | 11      | Ant 0             | 1T         | 100.00     | 1.00         | 17.00                    | 16.22                          | 1.20           | 0.12             | 0.472                  | 0.57                 |
|                      | WLAN2.4G | 802.11b         | Rear Face     | 8                        | 11      | Ant 0             | 1T         | 100.00     | 1.00         | 17.00                    | 16.22                          | 1.20           | 0.07             | 0.225                  | 0.27                 |
|                      | WLAN2.4G | 802.11b         | Left Side     | 8                        | 11      | Ant 0             | 1T         | 100.00     | 1.00         | 17.00                    | 16.22                          | 1.20           | 0.12             | 0.138                  | 0.17                 |
|                      | WLAN2.4G | 802.11b         | Right Side    | 8                        | 11      | Ant 0             | 1T         | 100.00     | 1.00         | 17.00                    | 16.22                          | 1.20           | -0.19            | 0.455                  | 0.55                 |
|                      | WLAN2.4G | 802.11b         | Top Side      | 8                        | 11      | Ant 0             | 1T         | 100.00     | 1.00         | 17.00                    | 16.22                          | 1.20           | -0.05            | 0.432                  | 0.52                 |
|                      | WLAN2.4G | 802.11b         | Bottom Side   | 8                        | 11      | Ant 0             | 1T         | 100.00     | 1.00         | 17.00                    | 16.22                          | 1.20           | 0.19             | 0.474                  | 0.57                 |
|                      | WLAN2.4G | 802.11b         | Front Face    | 8                        | 11      | Ant 1             | 1T         | 100.00     | 1.00         | 17.00                    | 16.19                          | 1.21           | 0.16             | 0.467                  | 0.57                 |
|                      | WLAN2.4G | 802.11b         | Rear Face     | 8                        | 11      | Ant 1             | 1T         | 100.00     | 1.00         | 17.00                    | 16.19                          | 1.21           | 0.03             | 0.222                  | 0.27                 |
|                      | WLAN2.4G | 802.11b         | Left Side     | 8                        | 11      | Ant 1             | 1T         | 100.00     | 1.00         | 17.00                    | 16.19                          | 1.21           | -0.11            | 0.136                  | 0.16                 |
|                      | WLAN2.4G | 802.11b         | Right Side    | 8                        | 11      | Ant 1             | 1T         | 100.00     | 1.00         | 17.00                    | 16.19                          | 1.21           | 0.19             | 0.45                   | 0.54                 |
|                      | WLAN2.4G | 802.11b         | Top Side      | 8                        | 11      | Ant 1             | 1T         | 100.00     | 1.00         | 17.00                    | 16.19                          | 1.21           | 0.14             | 0.427                  | 0.52                 |
|                      | WLAN2.4G | 802.11b         | Bottom Side   | 8                        | 11      | Ant 1             | 1T         | 100.00     | 1.00         | 17.00                    | 16.19                          | 1.21           | 0.07             | 0.47                   | 0.57                 |
|                      | WLAN2.4G | 802.11b         | Front Face    | 8                        | 11      | Ant 0             | 2T         | 100.00     | 1.00         | 17.00                    | 16.21                          | 1.20           | -0.19            | 0.556                  | 0.67                 |
|                      | WLAN2.4G | 802.11b         | Rear Face     | 8                        | 11      | Ant 0             | 2T         | 100.00     | 1.00         | 17.00                    | 16.21                          | 1.20           | -0.01            | 0.267                  | 0.32                 |
|                      | WLAN2.4G | 802.11b         | Left Side     | 8                        | 11      | Ant 0             | 2T         | 100.00     | 1.00         | 17.00                    | 16.21                          | 1.20           | -0.17            | 0.165                  | 0.20                 |
|                      | WLAN2.4G | 802.11b         | Right Side    | 8                        | 11      | Ant 0             | 2T         | 100.00     | 1.00         | 17.00                    | 16.21                          | 1.20           | -0.07            | 0.536                  | 0.64                 |
|                      | WLAN2.4G | 802.11b         | Top Side      | 8                        | 11      | Ant 0             | 2T         | 100.00     | 1.00         | 17.00                    | 16.21                          | 1.20           | -0.1             | 0.512                  | 0.61                 |
| 1                    | WLAN2.4G | 802.11b         | Bottom Side   | 8                        | 11      | Ant 0             | 2T         | 100.00     | 1.00         | 17.00                    | 16.21                          | 1.20           | 0.04             | 0.564                  | 0.68                 |
|                      | WLAN2.4G | 802.11b         | Front Face    | 8                        | 11      | Ant 1             | 2T         | 100.00     | 1.00         | 17.00                    | 16.19                          | 1.21           | -0.09            | 0.551                  | 0.67                 |
|                      | WLAN2.4G | 802.11b         | Rear Face     | 8                        | 11      | Ant 1             | 2T         | 100.00     | 1.00         | 17.00                    | 16.19                          | 1.21           | -0.19            | 0.264                  | 0.32                 |
|                      | WLAN2.4G | 802.11b         | Left Side     | 8                        | 11      | Ant 1             | 2T         | 100.00     | 1.00         | 17.00                    | 16.19                          | 1.21           | 0.18             | 0.163                  | 0.20                 |
|                      | WLAN2.4G | 802.11b         | Right Side    | 8                        | 11      | Ant 1             | 2T         | 100.00     | 1.00         | 17.00                    | 16.19                          | 1.21           | 0.14             | 0.531                  | 0.64                 |
|                      | WLAN2.4G | 802.11b         | Top Side      | 8                        | 11      | Ant 1             | 2T         | 100.00     | 1.00         | 17.00                    | 16.19                          | 1.21           | 0.13             | 0.507                  | 0.61                 |
|                      | WLAN2.4G | 802.11b         | Bottom Side   | 8                        | 11      | Ant 1             | 2T         | 100.00     | 1.00         | 17.00                    | 16.19                          | 1.21           | -0.06            | 0.554                  | 0.67                 |
|                      | WLAN2.4G | 802.11b         | Bottom Side   | 8                        | 1       | Ant 0             | 2T         | 100.00     | 1.00         | 17.00                    | 16.19                          | 1.21           | 0.02             | 0.526                  | 0.64                 |
|                      | WLAN2.4G | 802.11b         | Bottom Side   | 8                        | 6       | Ant 0             | 2T         | 100.00     | 1.00         | 17.00                    | 16.07                          | 1.24           | 0.09             | 0.539                  | 0.67                 |
|                      | WLAN2.4G | 802.11b         | Bottom Side   | 8                        | 12      | Ant 0             | 2T         | 100.00     | 1.00         | 15.00                    | 14.64                          | 1.09           | -0.12            | 0.349                  | 0.38                 |
|                      | WLAN2.4G | 802.11b         | Bottom Side   | 8                        | 13      | Ant 0             | 2T         | 100.00     | 1.00         | 11.00                    | 10.32                          | 1.17           | 0.1              | 0.154                  | 0.18                 |
|                      | WLAN5.3G | 802.11ac VHT160 | Front Face    | 8                        | 50      | Ant 0             | 1T         | 100.00     | 1.00         | 15.50                    | 15.21                          | 1.07           | -0.03            | 0.461                  | 0.49                 |
|                      | WLAN5.3G | 802.11ac VHT160 | Rear Face     | 8                        | 50      | Ant 0             | 1T         | 100.00     | 1.00         | 15.50                    | 15.21                          | 1.07           | 0                | 0.162                  | 0.17                 |
|                      | WLAN5.3G | 802.11ac VHT160 | Left Side     | 8                        | 50      | Ant 0             | 1T         | 100.00     | 1.00         | 15.50                    | 15.21                          | 1.07           | -0.03            | 0.32                   | 0.34                 |
|                      | WLAN5.3G | 802.11ac VHT160 | Right Side    | 8                        | 50      | Ant 0             | 1T         | 100.00     | 1.00         | 15.50                    | 15.21                          | 1.07           | 0.07             | 0.175                  | 0.19                 |
|                      | WLAN5.3G | 802.11ac VHT160 | Top Side      | 8                        | 50      | Ant 0             | 1T         | 100.00     | 1.00         | 15.50                    | 15.21                          | 1.07           | -0.11            | 0.384                  | 0.41                 |
|                      | WLAN5.3G | 802.11ac VHT160 | Bottom Side   | 8                        | 50      | Ant 0             | 1T         | 100.00     | 1.00         | 15.50                    | 15.21                          | 1.07           | -0.03            | 0.444                  | 0.48                 |
|                      | WLAN5.3G | 802.11ac VHT160 | Front Face    | 8                        | 50      | Ant 1             | 1T         | 100.00     | 1.00         | 15.50                    | 15.17                          | 1.08           | 0.02             | 0.478                  | 0.50                 |
|                      | WLAN5.3G | 802.11ac VHT160 | Rear Face     | 8                        | 50      | Ant 1             | 1T         | 100.00     | 1.00         | 15.50                    | 15.17                          | 1.08           | 0.16             | 0.183                  | 0.20                 |
|                      | WLAN5.3G | 802.11ac VHT160 | Left Side     | 8                        | 50      | Ant 1             | 1T         | 100.00     | 1.00         | 15.50                    | 15.17                          | 1.08           | 0.09             | 0.385                  | 0.42                 |
|                      | WLAN5.3G | 802.11ac VHT160 | Right Side    | 8                        | 50      | Ant 1             | 1T         | 100.00     | 1.00         | 15.50                    | 15.17                          | 1.08           | -0.19            | 0.187                  | 0.20                 |
|                      | WLAN5.3G | 802.11ac VHT160 | Top Side      | 8                        | 50      | Ant 1             | 1T         | 100.00     | 1.00         | 15.50                    | 15.17                          | 1.08           | -0.19            | 0.401                  | 0.43                 |
|                      | WLAN5.3G | 802.11ac VHT160 | Bottom Side   | 8                        | 50      | Ant 1             | 1T         | 100.00     | 1.00         | 15.50                    | 15.17                          | 1.08           | -0.04            | 0.461                  | 0.50                 |
|                      | WLAN5.3G | 802.11ac VHT160 | Front Face    | 8                        | 50      | Ant 0             | 2T         | 100.00     | 1.00         | 15.50                    | 14.92                          | 1.14           | -0.09            | 0.504                  | 0.57                 |
|                      | WLAN5.3G | 802.11ac VHT160 | Rear Face     | 8                        | 50      | Ant 0             | 2T         | 100.00     | 1.00         | 15.50                    | 14.92                          | 1.14           | -0.06            | 0.162                  | 0.18                 |
|                      | WLAN5.3G | 802.11ac VHT160 | Left Side     | 8                        | 50      | Ant 0             | 2T         | 100.00     | 1.00         | 15.50                    | 14.92                          | 1.14           | -0.15            | 0.375                  | 0.43                 |
|                      | WLAN5.3G | 802.11ac VHT160 | Right Side    | 8                        | 50      | Ant 0             | 2T         | 100.00     | 1.00         | 15.50                    | 14.92                          | 1.14           | -0.15            | 0.205                  | 0.23                 |
|                      | WLAN5.3G | 802.11ac VHT160 | Top Side      | 8                        | 50      | Ant 0             | 2T         | 100.00     | 1.00         | 15.50                    | 14.92                          | 1.14           | -0.07            | 0.414                  | 0.47                 |
|                      | WLAN5.3G | 802.11ac VHT160 | Bottom Side   | 8                        | 50      | Ant 0             | 2T         | 100.00     | 1.00         | 15.50                    | 14.92                          | 1.14           | 0.15             | 0.499                  | 0.57                 |
| 2                    | WLAN5.3G | 802.11ac VHT160 | Front Face    | 8                        | 50      | Ant 1             | 2T         | 100.00     | 1.00         | 15.50                    | 14.87                          | 1.16           | 0.12             | 0.581                  | 0.67                 |
|                      | WLAN5.3G | 802.11ac VHT160 | Rear Face     | 8                        | 50      | Ant 1             | 2T         | 100.00     | 1.00         | 15.50                    | 14.87                          | 1.16           | 0.19             | 0.205                  | 0.24                 |
|                      | WLAN5.3G | 802.11ac VHT160 | Left Side     | 8                        | 50      | Ant 1             | 2T         | 100.00     | 1.00         | 15.50                    | 14.87                          | 1.16           | 0.08             | 0.401                  | 0.47                 |
|                      | WLAN5.3G | 802.11ac VHT160 | Right Side    | 8                        | 50      | Ant 1             | 2T         | 100.00     | 1.00         | 15.50                    | 14.87                          | 1.16           | 0.17             | 0.2                    | 0.23                 |
|                      | WLAN5.3G | 802.11ac VHT160 | Top Side      | 8                        | 50      | Ant 1             | 2T         | 100.00     | 1.00         | 15.50                    | 14.87                          | 1.16           | 0.05             | 0.435                  | 0.50                 |
|                      | WLAN5.3G | 802.11ac VHT160 | Bottom Side   | 8                        | 50      | Ant 1             | 2T         | 100.00     | 1.00         | 15.50                    | 14.87                          | 1.16           | -0.1             | 0.529                  | 0.61                 |
|                      | WLAN5.6G | 802.11ac VHT160 | Front Face    | 8                        | 114     | Ant 0             | 1T         | 100.00     | 1.00         | 15.50                    | 14.95                          | 1.14           | 0.09             | 0.509                  | 0.58                 |
|                      | WLAN5.6G | 802.11ac VHT160 | Rear Face     | 8                        | 114     | Ant 0             | 1T         | 100.00     | 1.00         | 15.50                    | 14.95                          | 1.14           | -0.04            | 0.14                   | 0.16                 |
|                      | WLAN5.6G | 802.11ac VHT160 | Left Side     | 8                        | 114     | Ant 0             | 1T         | 100.00     | 1.00         | 15.50                    | 14.95                          | 1.14           | 0.16             | 0.27                   | 0.31                 |
|                      | WLAN5.6G | 802.11ac VHT160 | Right Side    | 8                        | 114     | Ant 0             | 1T         | 100.00     | 1.00         | 15.50                    | 14.95                          | 1.14           | -0.15            | 0.144                  | 0.16                 |
|                      | WLAN5.6G | 802.11ac VHT160 | Top Side      | 8                        | 114     | Ant 0             | 1T         | 100.00     | 1.00         | 15.50                    | 14.95                          | 1.14           | 0.11             | 0.414                  | 0.47                 |
|                      | WLAN5.6G | 802.11ac VHT160 | Bottom Side   | 8                        | 114     | Ant 0             | 1T         | 100.00     | 1.00         | 15.50                    | 14.95                          | 1.14           | -0.12            | 0.326                  | 0.37                 |
|                      | WLAN5.6G | 802.11ac VHT160 | Front Face    | 8                        | 114     | Ant 1             | 1T         | 100.00     | 1.00         | 15.50                    | 14.97                          | 1.13           | -0.17            | 0.526                  | 0.59                 |
|                      | WLAN5.6G | 802.11ac VHT160 | Rear Face     | 8                        | 114     | Ant 1             | 1T         | 100.00     | 1.00         | 15.50                    | 14.97                          | 1.13           | 0.07             | 0.129                  | 0.15                 |
|                      | WLAN5.6G | 802.11ac VHT160 | Left Side     | 8                        | 114     | Ant 1             | 1T         | 100.00     | 1.00         | 15.50                    | 14.97                          | 1.13           | -0.17            | 0.298                  | 0.34                 |
|                      | WLAN5.6G | 802.11ac VHT160 | Right Side    | 8                        | 114     | Ant 1             | 1T         | 100.00     | 1.00         | 15.50                    | 14.97                          | 1.13           | -0.05            | 0.136                  | 0.15                 |
|                      | WLAN5.6G | 802.11ac VHT160 | Top Side      | 8                        | 114     | Ant 1             | 1T         | 100.00     | 1.00         | 15.50                    | 14.97                          | 1.13           | -0.08            | 0.347                  | 0.39                 |
|                      | WLAN5.6G | 802.11ac VHT160 | Bottom Side   | 8                        | 114     | Ant 1             | 1T         | 100.00     | 1.00         | 15.50                    | 14.97                          | 1.13           | 0.14             | 0.368                  | 0.42                 |
| 3                    | WLAN5.6G | 802.11ac VHT160 | Front Face    | 8                        | 114     | Ant 0             | 2T         | 100.00     | 1.00         | 15.50                    | 14.94                          | 1.14           | 0.12             | 0.576                  | 0.66                 |
|                      | WLAN5.6G | 802.11ac VHT160 | Rear Face     | 8                        | 114     | Ant 0             | 2T         | 100.00     | 1.00         | 15.50                    | 14.94                          | 1.14           | 0.12             | 0.151                  | 0.17                 |
|                      | WLAN5.6G | 802.11ac VHT160 | Left Side     | 8                        | 114     | Ant 0             | 2T         | 100.00     | 1.00         | 15.50                    | 14.94                          | 1.14           | -0.03            | 0.302                  | 0.34                 |
|                      | WLAN5.6G | 802.11ac VHT160 | Right Side    | 8                        | 114     | Ant 0             | 2T         | 100.00     | 1.00         | 15.50                    | 14.94                          | 1.14           | -0.08            | 0.154                  | 0.18                 |
|                      | WLAN5.6G | 802.11ac VHT160 | Top Side      | 8                        | 114     | Ant 0             | 2T         | 100.00     | 1.00         | 15.50                    | 14.94                          | 1.14           | 0.16             | 0.435                  | 0.50                 |
|                      | WLAN5.6G | 802.11ac VHT160 | Bottom Side   | 8                        | 114     | Ant 0             | 2T         | 100.00     | 1.00         | 15.50                    | 14.94                          | 1.14           | -0.03            | 0.354                  | 0.40                 |
|                      | WLAN5.6G | 802.11ac VHT160 | Front Face    | 8                        | 114     | Ant 1             | 2T         | 100.00     | 1.00         | 15.50                    | 14.89                          | 1.15           | 0.16             | 0.505                  | 0.58                 |
|                      | WLAN5.6G | 802.11ac VHT160 | Rear Face     | 8                        | 114     | Ant 1             | 2T         | 100.00     | 1.00         | 15.50                    | 14.89                          | 1.15           | -0.15            | 0.122                  | 0.14                 |
|                      | WLAN5.6G | 802.11ac VHT160 | Left Side     | 8                        | 114     | Ant 1             | 2T         | 100.00     | 1.00         | 15.50                    | 14.89                          | 1.15           | -0.19            | 0.28                   | 0.32                 |
|                      | WLAN5.6G | 802.11ac VHT160 | Right Side    | 8                        | 114     | Ant 1             | 2T         | 100.00     | 1.00         | 15.50                    | 14.89                          | 1.15           | 0.13             | 0.112                  | 0.13                 |
|                      | WLAN5.6G | 802.11ac VHT160 | Top Side      | 8                        | 114     | Ant 1             | 2T         | 100.00     | 1.00         | 15.50                    | 14.89                          | 1.15           | 0.17             | 0.288                  | 0.33                 |
|                      | WLAN5.6G | 802.11ac VHT160 | Bottom Side   | 8                        | 114     | Ant 1             | 2T         | 100.00     | 1.00         | 15.50                    | 14.89                          | 1.15           | -0.14            | 0.393                  | 0.45                 |



BUREAU  
VERITAS

| Body SAR Test Result |          |                 |               |                          |         |                   |            |            |              |                          |                                |                |                  |                        |                      |
|----------------------|----------|-----------------|---------------|--------------------------|---------|-------------------|------------|------------|--------------|--------------------------|--------------------------------|----------------|------------------|------------------------|----------------------|
| System & Position    |          |                 |               |                          |         | DUT Configuration |            | SAR        |              |                          |                                |                |                  |                        |                      |
| Plot No.             | Band     | Mode            | Test Position | Separation Distance (mm) | Channel | Ant Status        | Power type | Duty Cycle | Crest Factor | Max. Tune-up Power (dBm) | Measured Conducted Power (dBm) | Scaling Factor | Power Drift (dB) | Measured SAR-1g (W/kg) | Scaled SAR-1g (W/kg) |
| 5                    | WLAN5.8G | 802.11ac VHT80  | Front Face    | 8                        | 155     | Ant 0             | 1T         | 100.00     | 1.00         | 15.50                    | 15.13                          | 1.09           | -0.02            | 0.513                  | 0.56                 |
|                      | WLAN5.8G | 802.11ac VHT80  | Rear Face     | 8                        | 155     | Ant 0             | 1T         | 100.00     | 1.00         | 15.50                    | 15.13                          | 1.09           | -0.04            | 0.153                  | 0.17                 |
|                      | WLAN5.8G | 802.11ac VHT80  | Left Side     | 8                        | 155     | Ant 0             | 1T         | 100.00     | 1.00         | 15.50                    | 15.13                          | 1.09           | 0                | 0.274                  | 0.30                 |
|                      | WLAN5.8G | 802.11ac VHT80  | Right Side    | 8                        | 155     | Ant 0             | 1T         | 100.00     | 1.00         | 15.50                    | 15.13                          | 1.09           | 0.19             | 0.11                   | 0.12                 |
|                      | WLAN5.8G | 802.11ac VHT80  | Top Side      | 8                        | 155     | Ant 0             | 1T         | 100.00     | 1.00         | 15.50                    | 15.13                          | 1.09           | 0.18             | 0.413                  | 0.45                 |
|                      | WLAN5.8G | 802.11ac VHT80  | Bottom Side   | 8                        | 155     | Ant 0             | 1T         | 100.00     | 1.00         | 15.50                    | 15.13                          | 1.09           | 0.03             | 0.399                  | 0.43                 |
|                      | WLAN5.8G | 802.11ac VHT80  | Front Face    | 8                        | 155     | Ant 1             | 1T         | 100.00     | 1.00         | 15.50                    | 14.99                          | 1.12           | 0.03             | 0.578                  | 0.65                 |
|                      | WLAN5.8G | 802.11ac VHT80  | Rear Face     | 8                        | 155     | Ant 1             | 1T         | 100.00     | 1.00         | 15.50                    | 14.99                          | 1.12           | 0.12             | 0.124                  | 0.14                 |
|                      | WLAN5.8G | 802.11ac VHT80  | Left Side     | 8                        | 155     | Ant 1             | 1T         | 100.00     | 1.00         | 15.50                    | 14.99                          | 1.12           | 0.12             | 0.313                  | 0.35                 |
|                      | WLAN5.8G | 802.11ac VHT80  | Right Side    | 8                        | 155     | Ant 1             | 1T         | 100.00     | 1.00         | 15.50                    | 14.99                          | 1.12           | -0.17            | 0.139                  | 0.16                 |
|                      | WLAN5.8G | 802.11ac VHT80  | Top Side      | 8                        | 155     | Ant 1             | 1T         | 100.00     | 1.00         | 15.50                    | 14.99                          | 1.12           | 0.08             | 0.403                  | 0.45                 |
|                      | WLAN5.8G | 802.11ac VHT80  | Bottom Side   | 8                        | 155     | Ant 1             | 1T         | 100.00     | 1.00         | 15.50                    | 14.99                          | 1.12           | 0.02             | 0.47                   | 0.53                 |
|                      | WLAN5.8G | 802.11ac VHT80  | Front Face    | 8                        | 155     | Ant 0             | 2T         | 100.00     | 1.00         | 15.50                    | 15.09                          | 1.10           | 0.01             | 0.542                  | 0.60                 |
|                      | WLAN5.8G | 802.11ac VHT80  | Rear Face     | 8                        | 155     | Ant 0             | 2T         | 100.00     | 1.00         | 15.50                    | 15.09                          | 1.10           | -0.05            | 0.171                  | 0.19                 |
|                      | WLAN5.8G | 802.11ac VHT80  | Left Side     | 8                        | 155     | Ant 0             | 2T         | 100.00     | 1.00         | 15.50                    | 15.09                          | 1.10           | -0.1             | 0.292                  | 0.32                 |
|                      | WLAN5.8G | 802.11ac VHT80  | Right Side    | 8                        | 155     | Ant 0             | 2T         | 100.00     | 1.00         | 15.50                    | 15.09                          | 1.10           | 0.09             | 0.128                  | 0.14                 |
|                      | WLAN5.8G | 802.11ac VHT80  | Top Side      | 8                        | 155     | Ant 0             | 2T         | 100.00     | 1.00         | 15.50                    | 15.09                          | 1.10           | 0.17             | 0.431                  | 0.47                 |
|                      | WLAN5.8G | 802.11ac VHT80  | Bottom Side   | 8                        | 155     | Ant 0             | 2T         | 100.00     | 1.00         | 15.50                    | 15.09                          | 1.10           | 0.14             | 0.421                  | 0.46                 |
|                      | WLAN5.8G | 802.11ac VHT80  | Front Face    | 8                        | 155     | Ant 1             | 2T         | 100.00     | 1.00         | 15.50                    | 15.01                          | 1.12           | -0.05            | 0.513                  | 0.57                 |
|                      | WLAN5.8G | 802.11ac VHT80  | Rear Face     | 8                        | 155     | Ant 1             | 2T         | 100.00     | 1.00         | 15.50                    | 15.01                          | 1.12           | -0.08            | 0.11                   | 0.12                 |
|                      | WLAN5.8G | 802.11ac VHT80  | Left Side     | 8                        | 155     | Ant 1             | 2T         | 100.00     | 1.00         | 15.50                    | 15.01                          | 1.12           | 0.01             | 0.296                  | 0.33                 |
|                      | WLAN5.8G | 802.11ac VHT80  | Right Side    | 8                        | 155     | Ant 1             | 2T         | 100.00     | 1.00         | 15.50                    | 15.01                          | 1.12           | -0.19            | 0.132                  | 0.15                 |
|                      | WLAN5.8G | 802.11ac VHT80  | Top Side      | 8                        | 155     | Ant 1             | 2T         | 100.00     | 1.00         | 15.50                    | 15.01                          | 1.12           | -0.03            | 0.356                  | 0.40                 |
|                      | WLAN5.8G | 802.11ac VHT80  | Bottom Side   | 8                        | 155     | Ant 1             | 2T         | 100.00     | 1.00         | 15.50                    | 15.01                          | 1.12           | -0.18            | 0.435                  | 0.49                 |
| 6                    | WLAN5.9G | 802.11ac VHT160 | Front Face    | 8                        | 163     | Ant 0             | 1T         | 100.00     | 1.00         | 15.50                    | 15.01                          | 1.12           | -0.18            | 0.547                  | 0.61                 |
|                      | WLAN5.9G | 802.11ac VHT160 | Rear Face     | 8                        | 163     | Ant 0             | 1T         | 100.00     | 1.00         | 15.50                    | 15.01                          | 1.12           | -0.11            | 0.142                  | 0.16                 |
|                      | WLAN5.9G | 802.11ac VHT160 | Left Side     | 8                        | 163     | Ant 0             | 1T         | 100.00     | 1.00         | 15.50                    | 15.01                          | 1.12           | 0.13             | 0.314                  | 0.35                 |
|                      | WLAN5.9G | 802.11ac VHT160 | Right Side    | 8                        | 163     | Ant 0             | 1T         | 100.00     | 1.00         | 15.50                    | 15.01                          | 1.12           | -0.06            | 0.134                  | 0.15                 |
|                      | WLAN5.9G | 802.11ac VHT160 | Top Side      | 8                        | 163     | Ant 0             | 1T         | 100.00     | 1.00         | 15.50                    | 15.01                          | 1.12           | 0.1              | 0.441                  | 0.49                 |
|                      | WLAN5.9G | 802.11ac VHT160 | Bottom Side   | 8                        | 163     | Ant 0             | 1T         | 100.00     | 1.00         | 15.50                    | 15.01                          | 1.12           | -0.12            | 0.453                  | 0.51                 |
|                      | WLAN5.9G | 802.11ac VHT160 | Front Face    | 8                        | 163     | Ant 1             | 1T         | 100.00     | 1.00         | 15.50                    | 14.94                          | 1.14           | 0.09             | 0.576                  | 0.66                 |
|                      | WLAN5.9G | 802.11ac VHT160 | Rear Face     | 8                        | 163     | Ant 1             | 1T         | 100.00     | 1.00         | 15.50                    | 14.94                          | 1.14           | -0.14            | 0.118                  | 0.13                 |
|                      | WLAN5.9G | 802.11ac VHT160 | Left Side     | 8                        | 163     | Ant 1             | 1T         | 100.00     | 1.00         | 15.50                    | 14.94                          | 1.14           | 0.02             | 0.314                  | 0.36                 |
|                      | WLAN5.9G | 802.11ac VHT160 | Right Side    | 8                        | 163     | Ant 1             | 1T         | 100.00     | 1.00         | 15.50                    | 14.94                          | 1.14           | -0.16            | 0.118                  | 0.13                 |
|                      | WLAN5.9G | 802.11ac VHT160 | Top Side      | 8                        | 163     | Ant 1             | 1T         | 100.00     | 1.00         | 15.50                    | 14.94                          | 1.14           | -0.13            | 0.453                  | 0.52                 |
|                      | WLAN5.9G | 802.11ac VHT160 | Bottom Side   | 8                        | 163     | Ant 1             | 1T         | 100.00     | 1.00         | 15.50                    | 14.94                          | 1.14           | 0.12             | 0.453                  | 0.52                 |
|                      | WLAN5.9G | 802.11ac VHT160 | Front Face    | 8                        | 163     | Ant 0             | 2T         | 100.00     | 1.00         | 15.50                    | 14.97                          | 1.13           | -0.05            | 0.567                  | 0.64                 |
|                      | WLAN5.9G | 802.11ac VHT160 | Rear Face     | 8                        | 163     | Ant 0             | 2T         | 100.00     | 1.00         | 15.50                    | 14.97                          | 1.13           | -0.12            | 0.155                  | 0.18                 |
|                      | WLAN5.9G | 802.11ac VHT160 | Left Side     | 8                        | 163     | Ant 0             | 2T         | 100.00     | 1.00         | 15.50                    | 14.97                          | 1.13           | 0.08             | 0.322                  | 0.36                 |
|                      | WLAN5.9G | 802.11ac VHT160 | Right Side    | 8                        | 163     | Ant 0             | 2T         | 100.00     | 1.00         | 15.50                    | 14.97                          | 1.13           | 0.08             | 0.151                  | 0.17                 |
|                      | WLAN5.9G | 802.11ac VHT160 | Top Side      | 8                        | 163     | Ant 0             | 2T         | 100.00     | 1.00         | 15.50                    | 14.97                          | 1.13           | 0.05             | 0.453                  | 0.51                 |
|                      | WLAN5.9G | 802.11ac VHT160 | Bottom Side   | 8                        | 163     | Ant 0             | 2T         | 100.00     | 1.00         | 15.50                    | 14.97                          | 1.13           | 0.03             | 0.437                  | 0.49                 |
|                      | WLAN5.9G | 802.11ac VHT160 | Front Face    | 8                        | 163     | Ant 1             | 2T         | 100.00     | 1.00         | 15.50                    | 14.92                          | 1.14           | 0.12             | 0.51                   | 0.58                 |
|                      | WLAN5.9G | 802.11ac VHT160 | Rear Face     | 8                        | 163     | Ant 1             | 2T         | 100.00     | 1.00         | 15.50                    | 14.92                          | 1.14           | -0.08            | 0.102                  | 0.12                 |
|                      | WLAN5.9G | 802.11ac VHT160 | Left Side     | 8                        | 163     | Ant 1             | 2T         | 100.00     | 1.00         | 15.50                    | 14.92                          | 1.14           | 0.12             | 0.29                   | 0.33                 |
|                      | WLAN5.9G | 802.11ac VHT160 | Right Side    | 8                        | 163     | Ant 1             | 2T         | 100.00     | 1.00         | 15.50                    | 14.92                          | 1.14           | 0.11             | 0.098                  | 0.11                 |
|                      | WLAN5.9G | 802.11ac VHT160 | Top Side      | 8                        | 163     | Ant 1             | 2T         | 100.00     | 1.00         | 15.50                    | 14.92                          | 1.14           | -0.05            | 0.428                  | 0.49                 |
|                      | WLAN5.9G | 802.11ac VHT160 | Bottom Side   | 8                        | 163     | Ant 1             | 2T         | 100.00     | 1.00         | 15.50                    | 14.92                          | 1.14           | -0.11            | 0.469                  | 0.53                 |
| 7                    | BT       | BDR             | Front Face    | 8                        | 39      | Ant 1             | 1T         | 76.60      | 1.31         | 13.00                    | 12.67                          | 1.08           | 0.13             | 0.156                  | 0.22                 |
|                      | BT       | BDR             | Rear Face     | 8                        | 39      | Ant 1             | 1T         | 76.60      | 1.31         | 13.00                    | 12.67                          | 1.08           | -0.18            | 0.054                  | 0.08                 |
|                      | BT       | BDR             | Left Side     | 8                        | 39      | Ant 1             | 1T         | 76.60      | 1.31         | 13.00                    | 12.67                          | 1.08           | -0.02            | 0.148                  | 0.21                 |
|                      | BT       | BDR             | Right Side    | 8                        | 39      | Ant 1             | 1T         | 76.60      | 1.31         | 13.00                    | 12.67                          | 1.08           | 0.15             | 0.171                  | 0.24                 |
|                      | BT       | BDR             | Top Side      | 8                        | 39      | Ant 1             | 1T         | 76.60      | 1.31         | 13.00                    | 12.67                          | 1.08           | -0.13            | 0.168                  | 0.24                 |
|                      | BT       | BDR             | Bottom Side   | 8                        | 39      | Ant 1             | 1T         | 76.60      | 1.31         | 13.00                    | 12.67                          | 1.08           | 0.12             | 0.207                  | 0.29                 |
|                      | BT       | BDR             | Bottom Side   | 8                        | 0       | Ant 1             | 1T         | 76.60      | 1.31         | 13.00                    | 12.59                          | 1.10           | 0.18             | 0.155                  | 0.22                 |
|                      | BT       | BDR             | Bottom Side   | 8                        | 78      | Ant 1             | 1T         | 76.60      | 1.31         | 13.00                    | 12.63                          | 1.09           | -0.16            | 0.183                  | 0.26                 |

| SAR and Power Density Test Result |        |                |               |                          |         |                   |            |            |            |              |                          |                                |                |                  |                        |                      |                                                   |                                                 |               |                         |                                            |                                   |                  |                                 |                                        |                                |                                       |
|-----------------------------------|--------|----------------|---------------|--------------------------|---------|-------------------|------------|------------|------------|--------------|--------------------------|--------------------------------|----------------|------------------|------------------------|----------------------|---------------------------------------------------|-------------------------------------------------|---------------|-------------------------|--------------------------------------------|-----------------------------------|------------------|---------------------------------|----------------------------------------|--------------------------------|---------------------------------------|
| System & Position                 |        |                |               |                          |         | DUT Configuration |            |            | SAR        |              |                          |                                |                |                  |                        |                      |                                                   |                                                 | Power Density |                         |                                            |                                   |                  |                                 |                                        |                                |                                       |
| Plot No.                          | Band   | Mode           | Test Position | Separation Distance (mm) | Channel | Power Status      | Ant Status | Power type | Duty Cycle | Crest Factor | Max. Tune-up Power (dBm) | Measured Conducted Power (dBm) | Scaling Factor | Power Drift (dB) | Measured SAR-1g (W/kg) | Scaled SAR-1g (W/kg) | Measured APD W/m <sup>2</sup> (4cm <sup>2</sup> ) | Scaled APD W/m <sup>2</sup> (4cm <sup>2</sup> ) | Grid Step [λ] | iPD [W/m <sup>2</sup> ] | Scaling Factor for Measurement Uncertainty | Averaging Area [cm <sup>2</sup> ] | Power Drift [dB] | Normal psPD [W/m <sup>2</sup> ] | Scaled Normal psPD [W/m <sup>2</sup> ] | Total psPD [W/m <sup>2</sup> ] | Scaled Total psPD [W/m <sup>2</sup> ] |
|                                   | UNII-5 | 802.11ax HE160 | Front Face    | 8                        | 47      | SP                | Ant 0      | 1T         | 100.00     | 1.00         | 15.00                    | 14.26                          | 1.19           | 0.14             | 0.449                  | 0.53                 | 3.48                                              | 4.14                                            | 0.125         | 1.02                    | 1.545                                      | 4                                 | 0.16             | 1.45                            | 2.24                                   | 1.71                           | 3.14                                  |
|                                   | UNII-5 | 802.11ax HE160 | Rear Face     | 8                        | 47      | SP                | Ant 0      | 1T         | 100.00     | 1.00         | 15.00                    | 14.26                          | 1.19           | -0.15            | 0.1                    | 0.12                 | 0.781                                             | 0.93                                            | 0.125         | 0.229                   | 1.545                                      | 4                                 | -0.17            | 0.327                           | 0.51                                   | 0.383                          | 0.7                                   |
|                                   | UNII-5 | 802.11ax HE160 | Left Side     | 8                        | 47      | SP                | Ant 0      | 1T         | 100.00     | 1.00         | 15.00                    | 14.26                          | 1.19           | 0.06             | 0.088                  | 0.10                 | 0.69                                              | 0.82                                            | 0.125         | 0.202                   | 1.545                                      | 4                                 | -0.02            | 0.289                           | 0.45                                   | 0.339                          | 0.62                                  |
|                                   | UNII-5 | 802.11ax HE160 | Right Side    | 8                        | 47      | SP                | Ant 0      | 1T         | 100.00     | 1.00         | 15.00                    | 14.26                          | 1.19           | 0.06             | 0.278                  | 0.33                 | 2.16                                              | 2.57                                            | 0.125         | 0.635                   | 1.545                                      | 4                                 | 0.12             | 0.905                           | 1.4                                    | 1.06                           | 1.95                                  |
|                                   | UNII-5 | 802.11ax HE160 | Top Side      | 8                        | 47      | SP                | Ant 0      | 1T         | 100.00     | 1.00         | 15.00                    | 14.26                          | 1.19           | -0.1             | 0.196                  | 0.23                 | 1.52                                              | 1.81                                            | 0.125         | 0.447                   | 1.545                                      | 4                                 | 0.06             | 0.637                           | 0.98                                   | 0.747                          | 1.37                                  |
|                                   | UNII-5 | 802.11ax HE160 | Bottom Side   | 8                        | 47      | SP                | Ant 0      | 1T         | 100.00     | 1.00         | 15.00                    | 14.26                          | 1.19           | -0.13            | 0.463                  | 0.55                 | 3.59                                              | 4.27                                            | 0.125         | 1.05                    | 1.545                                      | 4                                 | -0.05            | 1.5                             | 2.32                                   | 1.76                           | 3.24                                  |
|                                   | UNII-5 | 802.11ax HE160 | Front Face    | 8                        | 47      | SP                | Ant 1      | 1T         | 100.00     | 1.00         | 15.00                    | 14.35                          | 1.16           | -0.01            | 0.444                  | 0.52                 | 3.45                                              | 4                                               |               |                         |                                            |                                   |                  |                                 |                                        |                                |                                       |
|                                   | UNII-5 | 802.11ax HE160 | Rear Face     | 8                        | 47      | SP                | Ant 1      | 1T         | 100.00     | 1.00         | 15.00                    | 14.35                          | 1.16           | -0.12            | 0.105                  | 0.12                 | 0.817                                             | 0.95                                            |               |                         |                                            |                                   |                  |                                 |                                        |                                |                                       |
|                                   | UNII-5 | 802.11ax HE160 | Left Side     | 8                        | 47      | SP                | Ant 1      | 1T         | 100.00     | 1.00         | 15.00                    | 14.35                          | 1.16           | 0                | 0.098                  | 0.11                 | 0.763                                             | 0.89                                            |               |                         |                                            |                                   |                  |                                 |                                        |                                |                                       |
|                                   | UNII-5 | 802.11ax HE160 | Right Side    | 8                        | 47      | SP                | Ant 1      | 1T         | 100.00     | 1.00         | 15.00                    | 14.35                          | 1.16           | -0.07            | 0.283                  | 0.33                 | 2.19                                              | 2.54                                            |               |                         |                                            |                                   |                  |                                 |                                        |                                |                                       |
|                                   | UNII-5 | 802.11ax HE160 | Top Side      | 8                        | 47      | SP                | Ant 1      | 1T         | 100.00     | 1.00         | 15.00                    | 14.35                          | 1.16           | -0.01            | 0.295                  | 0.34                 | 2.28                                              | 2.64                                            |               |                         |                                            |                                   |                  |                                 |                                        |                                |                                       |
|                                   | UNII-5 | 802.11ax HE160 | Bottom Side   | 8                        | 47      | SP                | Ant 1      | 1T         | 100.00     | 1.00         | 15.00                    | 14.35                          | 1.16           | 0.13             | 0.458                  | 0.53                 | 3.56                                              | 4.13                                            | 0.125         | 1.04                    | 1.545                                      | 4                                 | 0.07             | 1.49                            | 2.3                                    | 1.74                           | 3.12                                  |
|                                   | UNII-5 | 802.11ax HE160 | Front Face    | 8                        | 47      | SP                | Ant 0      | 2T         | 100.00     | 1.00         | 15.00                    | 14.32                          | 1.17           | 0.09             | 0.44                   | 0.51                 | 3.41                                              | 3.99                                            |               |                         |                                            |                                   |                  |                                 |                                        |                                |                                       |
|                                   | UNII-5 | 802.11ax HE160 | Rear Face     | 8                        | 47      | SP                | Ant 0      | 2T         | 100.00     | 1.00         | 15.00                    | 14.32                          | 1.17           | -0.15            | 0.11                   | 0.13                 | 0.854                                             | 1                                               |               |                         |                                            |                                   |                  |                                 |                                        |                                |                                       |
|                                   | UNII-5 | 802.11ax HE160 | Left Side     | 8                        | 47      | SP                | Ant 0      | 2T         | 100.00     | 1.00         | 15.00                    | 14.32                          | 1.17           | -0.01            | 0.095                  | 0.11                 | 0.745                                             | 0.87                                            |               |                         |                                            |                                   |                  |                                 |                                        |                                |                                       |
|                                   | UNII-5 | 802.11ax HE160 | Right Side    | 8                        | 47      | SP                | Ant 0      | 2T         | 100.00     | 1.00         | 15.00                    | 14.32                          | 1.17           | 0.19             | 0.245                  | 0.29                 | 1.9                                               | 2.22                                            |               |                         |                                            |                                   |                  |                                 |                                        |                                |                                       |
|                                   | UNII-5 | 802.11ax HE160 | Top Side      | 8                        | 47      | SP                | Ant 0      | 2T         | 100.00     | 1.00         | 15.00                    | 14.32                          | 1.17           | 0.1              | 0.276                  | 0.32                 | 2.14                                              | 2.5                                             |               |                         |                                            |                                   |                  |                                 |                                        |                                |                                       |
|                                   | UNII-5 | 802.11ax HE160 | Bottom Side   | 8                        | 47      | SP                | Ant 0      | 2T         | 100.00     | 1.00         | 15.00                    | 14.32                          | 1.17           | 0.08             | 0.449                  | 0.53                 | 3.48                                              | 4.07                                            | 0.125         | 1.02                    | 1.545                                      | 4                                 | 0.15             | 1.45                            | 2.24                                   | 1.71                           | 3.09                                  |
|                                   | UNII-5 | 802.11ax HE160 | Front Face    | 8                        | 47      | SP                | Ant 1      | 2T         | 100.00     | 1.00         | 15.00                    | 14.28                          | 1.18           | -0.06            | 0.414                  | 0.49                 | 3.21                                              | 3.79                                            |               |                         |                                            |                                   |                  |                                 |                                        |                                |                                       |
|                                   | UNII-5 | 802.11ax HE160 | Rear Face     | 8                        | 47      | SP                | Ant 1      | 2T         | 100.00     | 1.00         | 15.00                    | 14.28                          | 1.18           | -0.18            | 0.095                  | 0.11                 | 0.745                                             | 0.88                                            |               |                         |                                            |                                   |                  |                                 |                                        |                                |                                       |
|                                   | UNII-5 | 802.11ax HE160 | Left Side     | 8                        | 47      | SP                | Ant 1      | 2T         | 100.00     | 1.00         | 15.00                    | 14.28                          | 1.18           | 0.17             | 0.081                  | 0.10                 | 0.636                                             | 0.75                                            |               |                         |                                            |                                   |                  |                                 |                                        |                                |                                       |
|                                   | UNII-5 | 802.11ax HE160 | Right Side    | 8                        | 47      | SP                | Ant 1      | 2T         | 100.00     | 1.00         | 15.00                    | 14.28                          | 1.18           | 0.04             | 0.234                  | 0.28                 | 1.81                                              | 2.14                                            |               |                         |                                            |                                   |                  |                                 |                                        |                                |                                       |
|                                   | UNII-5 | 802.11ax HE160 | Top Side      | 8                        | 47      | SP                | Ant 1      | 2T         | 100.00     | 1.00         | 15.00                    | 14.28                          | 1.18           | 0.1              | 0.238                  | 0.28                 | 1.85                                              | 2.18                                            |               |                         |                                            |                                   |                  |                                 |                                        |                                |                                       |
|                                   | UNII-5 | 802.11ax HE160 | Bottom Side   | 8                        | 47      | SP                | Ant 1      | 2T         | 100.00     | 1.00         | 15.00                    | 14.28                          | 1.18           | -0.18            | 0.433                  | 0.51                 | 3.36                                              | 3.96                                            | 0.125         | 0.988                   | 1.545                                      | 4                                 | -0.06            | 1.4                             | 2.16                                   | 1.65                           | 3.01                                  |
|                                   | UNII-5 | 802.11ax HE160 | Bottom Side   | 8                        | 15      | SP                | Ant 0      | 1T         | 100.00     | 1.00         | 15.00                    | 14.17                          | 1.21           | 0.16             | 0.351                  | 0.42                 | 2.72                                              | 3.29                                            |               |                         |                                            |                                   |                  |                                 |                                        |                                |                                       |
|                                   | UNII-5 | 802.11ax HE160 | Bottom Side   | 8                        | 79      | SP                | Ant 0      | 1T         | 100.00     | 1.00         | 15.00                    | 14.19                          | 1.21           | 0.12             | 0.421                  | 0.51                 | 3.27                                              | 3.96                                            |               |                         |                                            |                                   |                  |                                 |                                        |                                |                                       |
|                                   | UNII-6 | 802.11ax HE160 | Bottom Side   | 8                        | 111     | LPI               | Ant 0      | 1T         | 100.00     | 1.00         | 15.00                    | 14.25                          | 1.19           | 0.17             | 0.419                  | 0.50                 | 3.25                                              | 3.87                                            |               |                         |                                            |                                   |                  |                                 |                                        |                                |                                       |
|                                   | UNII-7 | 802.11ax HE160 | Bottom Side   | 8                        | 143     | SP                | Ant 0      | 1T         | 100.00     | 1.00         | 15.00                    | 14.22                          | 1.20           | -0.04            | 0.575                  | 0.69                 | 4.47                                              | 5.36                                            | 0.125         | 1.31                    | 1.545                                      | 4                                 | 0.19             | 1.87                            | 2.89                                   | 2.19                           | 4.06                                  |
| 8                                 | UNII-7 | 802.11ax HE160 | Bottom Side   | 8                        | 175     | SP                | Ant 0      | 1T         | 100.00     | 1.00         | 15.00                    | 14.19                          | 1.21           | 0.09             | 0.643                  | 0.78                 | 5.27                                              | 6.38                                            | 0.125         | 1.55                    | 1.545                                      | 4                                 | -0.11            | 2.21                            | 3.41                                   | 2.59                           | 4.84                                  |
|                                   | UNII-8 | 802.11ax HE160 | Bottom Side   | 8                        | 207     | LPI               | Ant 0      | 1T         | 100.00     | 1.00         | 15.00                    | 14.29                          | 1.18           | -0.12            | 0.62                   | 0.73                 | 4.81                                              | 5.68                                            | 0.125         | 1.41                    | 1.545                                      | 4                                 | -0.18            | 2.01                            | 3.11                                   | 2.36                           | 4.3                                   |
|                                   | UNII-5 | 802.11ax HE160 | Bottom Side   | 8                        | 15      | VLP               | Ant 0      | 1T         | 100.00     | 1.00         | 9.50                     | 8.99                           | 1.12           | 0.09             | 0.125                  | 0.14                 | 1.04                                              | 1.16                                            |               |                         |                                            |                                   |                  |                                 |                                        |                                |                                       |
|                                   | UNII-5 | 802.11ax HE160 | Bottom Side   | 8                        | 47      | VLP               | Ant 0      | 1T         | 100.00     | 1.00         | 9.50                     | 9.01                           | 1.12           | -0.15            | 0.159                  | 0.18                 | 1.35                                              | 1.51                                            |               |                         |                                            |                                   |                  |                                 |                                        |                                |                                       |
|                                   | UNII-5 | 802.11ax HE160 | Bottom Side   | 8                        | 79      | VLP               | Ant 0      | 1T         | 100.00     | 1.00         | 9.50                     | 8.71                           | 1.20           | -0.01            | 0.143                  | 0.17                 | 1.24                                              | 1.49                                            |               |                         |                                            |                                   |                  |                                 |                                        |                                |                                       |
|                                   | UNII-6 | 802.11ax HE160 | Bottom Side   | 8                        | 111     | VLP               | Ant 0      | 1T         | 100.00     | 1.00         | 9.50                     | 8.88                           | 1.15           | 0.19             | 0.141                  | 0.16                 | 1.22                                              | 1.4                                             |               |                         |                                            |                                   |                  |                                 |                                        |                                |                                       |
|                                   | UNII-7 | 802.11ax HE160 | Bottom Side   | 8                        | 143     | VLP               | Ant 0      | 1T         | 100.00     | 1.00         | 9.50                     | 8.66                           | 1.21           | 0.16             | 0.202                  | 0.24                 | 1.71                                              | 2.07                                            |               |                         |                                            |                                   |                  |                                 |                                        |                                |                                       |
|                                   | UNII-7 | 802.11ax HE160 | Bottom Side   | 8                        | 175     | VLP               | Ant 0      | 1T         | 100.00     | 1.00         | 9.50                     | 8.85                           | 1.16           | 0.12             | 0.223                  | 0.26                 | 2.02                                              | 2.34                                            |               |                         |                                            |                                   |                  |                                 |                                        |                                |                                       |
|                                   | UNII-8 | 802.11ax HE160 | Bottom Side   | 8                        | 207     | VLP               | Ant 0      | 1T         | 100.00     | 1.00         | 10.00                    | 9.49                           | 1.12           | -0.04            | 0.215                  | 0.24                 | 1.82                                              | 2.04                                            |               |                         |                                            |                                   |                  |                                 |                                        |                                |                                       |

## Appendix H. Analysis of Simultaneous Transmission.

Since all the verified SAR values are less than the values in original report, the simultaneous transmission evaluation has no effect and the simultaneous transmission SAR is not required.

### <Possibilities of Simultaneous Transmission>

The simultaneous transmission possibilities for this device are listed as below.

| Simultaneous TX Combination | Capable Transmit Configurations | Body Exposure Condition |
|-----------------------------|---------------------------------|-------------------------|
| A                           | WLAN 5G(2Tx) + BT               | Yes                     |
| B                           | WLAN 6G(2Tx) + BT               | Yes                     |
| C                           | WLAN 2.4G(1Tx) + WLAN 5G(1Tx)   | Yes                     |
| D                           | WLAN 2.4G(1Tx) + WLAN 6G(1Tx)   | Yes                     |

#### Notes

1. The WLAN 2.4G and Bluetooth cannot transmit simultaneously.
2. The WLAN 5G includes WLAN 5.9G.

| Simultaneous Transmission SAR Evaluation |                             |                        |                              |                              |                        |                              |                              |                                      |                                      |                                      |                 |                               |                               |                               |                               |                            |                            |
|------------------------------------------|-----------------------------|------------------------|------------------------------|------------------------------|------------------------|------------------------------|------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|-----------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|----------------------------|----------------------------|
| Position                                 | 1                           | 2                      | 3_FCC                        | 4                            | 5                      | 6                            | 7                            | 5a                                   | 6a                                   | 7a                                   | 8               | A(3+4+8)                      | B(6+7+8)                      | C(1+2)                        | D(1+5)                        | B(6a+7a+8)                 | D(1+5a)                    |
|                                          | Max<br>WLAN<br>2.4GHz<br>1T | Max<br>WLAN 5GHz<br>1T | Max<br>WLAN 5GHz<br>2T Ant 0 | Max<br>WLAN 5GHz<br>2T Ant 1 | Max<br>WLAN 6GHz<br>1T | Max<br>WLAN 6GHz<br>2T Ant 0 | Max<br>WLAN 6GHz<br>2T Ant 1 | Max<br>WLAN 6GHz<br>1T               | Max<br>WLAN 6GHz<br>2T Ant 0         | Max<br>WLAN 6GHz<br>2T Ant 1         | Max<br>BT Ant 1 | Summing result<br>1g SAR W/kg | Summing result<br>1g SAR W/kg | Summing result<br>1g SAR W/kg | Summing result<br>1g SAR W/kg | Total<br>Exposure<br>Ratio | Total<br>Exposure<br>Ratio |
|                                          | 1g SAR<br>W/kg              | 1g SAR<br>W/kg         | 1g SAR<br>W/kg               | 1g SAR<br>W/kg               | 1g SAR<br>W/kg         | 1g SAR<br>W/kg               | 1g SAR<br>W/kg               | 4cm <sup>2</sup><br>W/m <sup>2</sup> | 4cm <sup>2</sup><br>W/m <sup>2</sup> | 4cm <sup>2</sup><br>W/m <sup>2</sup> | 1g SAR<br>W/kg  |                               |                               |                               |                               |                            |                            |
| Front Face                               | 0.57                        | 0.66                   | 0.66                         | 0.67                         | 0.53                   | 0.51                         | 0.49                         | 3.14                                 | 0.00                                 | 0.00                                 | 0.22            | 1.55                          | 1.22                          | 1.23                          | 1.10                          | 0.14                       | 0.67                       |
| Rear Face                                | 0.27                        | 0.20                   | 0.19                         | 0.24                         | 0.12                   | 0.13                         | 0.11                         | 0.70                                 | 0.00                                 | 0.00                                 | 0.08            | 0.51                          | 0.32                          | 0.47                          | 0.39                          | 0.05                       | 0.24                       |
| Left Side                                | 0.17                        | 0.42                   | 0.43                         | 0.47                         | 0.11                   | 0.11                         | 0.10                         | 0.62                                 | 0.00                                 | 0.00                                 | 0.21            | 1.11                          | 0.42                          | 0.59                          | 0.28                          | 0.13                       | 0.17                       |
| Right Side                               | 0.55                        | 0.20                   | 0.23                         | 0.23                         | 0.33                   | 0.29                         | 0.28                         | 1.95                                 | 0.00                                 | 0.00                                 | 0.24            | 0.70                          | 0.81                          | 0.75                          | 0.88                          | 0.15                       | 0.54                       |
| Top Side                                 | 0.52                        | 0.52                   | 0.51                         | 0.50                         | 0.34                   | 0.32                         | 0.28                         | 1.37                                 | 0.00                                 | 0.00                                 | 0.24            | 1.25                          | 0.84                          | 1.04                          | 0.86                          | 0.15                       | 0.46                       |
| Bottom Side                              | 0.57                        | 0.53                   | 0.57                         | 0.61                         | 0.78                   | 0.53                         | 0.51                         | 4.84                                 | 3.09                                 | 3.01                                 | 0.29            | 1.47                          | 1.33                          | 1.10                          | 1.35                          | 0.79                       | 0.84                       |

## **Appendix L. Considerations Related to WLAN for Setup and Testing**

"This device has installed WLAN engineering testing software which can provide continuous transmitting RF signal. During WLAN SAR testing, this device was operated to transmit continuously at the maximum transmission duty with specified transmission mode, operating frequency, lowest data rate, and maximum output power.

The duty factor of WLAN signal are shown as below."

### <Time-domain plot for WLAN 2.4G transmission signal>



### Time-domain plot for WLAN transmission signal

The duty factor of WLAN signal has been calculated as following.

$$\text{Duty Factor} = \text{Pulse Width} / \text{Total Period} = (10 - 0) / (10 - 0) = 100.00\%$$

### <Time-domain plot for WLAN 5G transmission signal>



### Time-domain plot for WLAN transmission signal

The duty factor of WLAN signal has been calculated as following.

$$\text{Duty Factor} = \text{Pulse Width} / \text{Total Period} = (10 - 0) / (10 - 0) = 100.00\%$$

### <Time-domain plot for WLAN 6G transmission signal>



### Time-domain plot for WLAN transmission signal

The duty factor of WLAN signal has been calculated as following.

$$\text{Duty Factor} = \text{Pulse Width} / \text{Total Period} = (10 - 0) / (10 - 0) = 100.00\%$$

## **Appendix Z. Calibration Certificate for Probe and Dipole**

The SPEAG calibration certificates are shown as follows.



Accredited by the Swiss Accreditation Service (SAS)  
The Swiss Accreditation Service is one of the signatories to the EA  
Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: **SCS 0108**

Client

**B.V. ADT**  
Taoyuan City

Certificate No.

**D2450V2-737\_Feb25**

## CALIBRATION CERTIFICATE

Object **D2450V2 - SN: 737**

Calibration procedure(s) **QA CAL-05.v12**  
**Calibration Procedure for SAR Validation Sources between 0.7 - 3 GHz**

Calibration date **February 12, 2025**

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).  
The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature  $(22 \pm 3)^\circ\text{C}$  and humidity  $< 70\%$ .

Calibration Equipment used (M&TE critical for calibration)

| Primary Standards                          | ID         | Cal Date (Certificate No.)             | Scheduled Cal |
|--------------------------------------------|------------|----------------------------------------|---------------|
| Power Sensor R&S NRP-33T                   | SN: 100967 | 28-Mar-24 (No. 217-04038)              | Mar-25        |
| Power Sensor R&S NRP18A                    | SN: 101859 | 06-Feb-25 (No. 4030A315009541)         | Feb-26        |
| Spectrum Analyzer R&S FSV40                | SN: 101832 | 29-Jan-25 (No. 4030A315009658)         | Jan-26        |
| Mismatch; Short [S4188] Attenuator [S4423] | SN: 1152   | 28-Mar-24 (No. 217-04050)              | Mar-25        |
| OCP DAK-12                                 | SN: 1016   | 24-Sept-24 (No. OCP-DAK12-1016_Sep24)  | Sep-25        |
| OCP DAK-3.5                                | SN: 1249   | 23-Sept-24 (No. OCP-DAK3.5-1249_Sep24) | Sep-25        |
| Reference Probe EX3DV4                     | SN: 7349   | 10-Jan-25 (No. EX3-7349_Jan25)         | Jan-26        |
| DAE4ip                                     | SN: 1836   | 28-Oct-24 (No. DAE4ip-1836_Oct24)      | Oct-25        |

| Secondary Standards          | ID         | Check Date (in house)                      | Scheduled Check |
|------------------------------|------------|--------------------------------------------|-----------------|
| ACAD Source Box              | SN: 1000   | 28-May-24 (No. 675-ACAD_Source_Box-240528) | May-25          |
| Signal Generator R&S SMB100A | SN: 182081 | 28-May-24 (No. 675-CAL16-S4588-240528)     | May-25          |
| Mismatch; SMA                | SN: 1102   | 22-May-24 (No. 675-Mismatch_SMA-240522)    | May-25          |

|                                                                                                                 | Name         | Function              | Signature |
|-----------------------------------------------------------------------------------------------------------------|--------------|-----------------------|-----------|
| Calibrated by                                                                                                   | Leif Klysner | Laboratory Technician |           |
| Approved by                                                                                                     | Sven Kühn    | Technical Manager     |           |
| Issued: February 12, 2025                                                                                       |              |                       |           |
| This calibration certificate shall not be reproduced except in full without written approval of the laboratory. |              |                       |           |



Accredited by the Swiss Accreditation Service (SAS)

**The Swiss Accreditation Service is one of the signatories to the EA  
Multilateral Agreement for the recognition of calibration certificates**

**Accreditation No.: SCS 0108**

## Glossary

|       |                                 |
|-------|---------------------------------|
| TSL   | tissue simulating liquid        |
| ConvF | sensitivity in TSL / NORM x,y,z |
| N/A   | not applicable or not measured  |

## Calibration is Performed According to the Following Standards

- IEC/IEEE 62209-1528, "Measurement Procedure For The Assessment Of Specific Absorption Rate Of Human Exposure To Radio Frequency Fields From Hand-Held And Body-Worn Wireless Communication Devices - Part 1528: Human Models, Instrumentation And Procedures (Frequency Range of 4 MHz to 10 GHz)", October 2020.
- KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

## Additional Documentation

- DASY System Handbook

## Methods Applied and Interpretation of Parameters

- *Measurement Conditions*: Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- *Antenna Parameters with TSL*: The dipole is mounted with the spacer to position its feed point exactly below the center marking of the flat phantom section, with the arms oriented parallel to the body axis.
- *Feed Point Impedance and Return Loss*: These parameters are measured with the dipole positioned under the liquid filled phantom. The impedance stated is transformed from the measurement at the SMA connector to the feed point. The Return Loss ensures low reflected power. No uncertainty required.
- *Electrical Delay*: One-way delay between the SMA connector and the antenna feed point. No uncertainty required.
- *SAR measured*: SAR measured at the stated antenna input power.
- *SAR normalized*: SAR as measured, normalized to an input power of 1 W at the antenna connector.
- *SAR for nominal TSL parameters*: The measured TSL parameters are used to calculate the nominal SAR result.

The reported uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor  $k=2$ , which for a normal distribution corresponds to a coverage probability of approximately 95%.

## Measurement Conditions

DASY system configuration, as far as not given on page 1.

|                                     |                          |                                     |
|-------------------------------------|--------------------------|-------------------------------------|
| <b>DASY Version</b>                 | DASY8 Module SAR         | 16.4.0                              |
| <b>Extrapolation</b>                | Advanced Extrapolation   |                                     |
| <b>Phantom</b>                      | Modular Flat Phantom     |                                     |
| <b>Distance Dipole Center - TSL</b> | 10 mm                    | with spacer                         |
| <b>Zoom Scan Resolution</b>         | dx, dy = 5mm, dz = 1.5mm | Graded Ratio = 1.5 mm (Z direction) |
| <b>Frequency</b>                    | 2450MHz $\pm$ 1MHz       |                                     |

## Head TSL parameters at 2450 MHz

The following parameters and calculations were applied.

|                                                | Temperature        | Permittivity  | Conductivity        |
|------------------------------------------------|--------------------|---------------|---------------------|
| <b>Nominal Head TSL parameters</b>             | 22.0 °C            | 39.2          | 1.80 mho/m          |
| <b>Measured Head TSL parameters</b>            | (22.0 $\pm$ 0.2)°C | 37.8 $\pm$ 6% | 1.87 mho/m $\pm$ 6% |
| <b>Head TSL temperature change during test</b> | < 0.5 °C           |               |                     |

## SAR result with Head TSL at 2450 MHz

| <b>SAR averaged over 1 cm<sup>3</sup> (1 g) of Head TSL</b> | Condition          |                               |
|-------------------------------------------------------------|--------------------|-------------------------------|
| SAR for nominal Head TSL parameters                         | 24 dBm input power | 13.3 W/kg                     |
| SAR for nominal Head TSL parameters                         | normalized to 1W   | 52.9 W/kg $\pm$ 17.0% (k = 2) |

| <b>SAR averaged over 10 cm<sup>3</sup> (10 g) of Head TSL</b> | Condition          |                               |
|---------------------------------------------------------------|--------------------|-------------------------------|
| SAR for nominal Head TSL parameters                           | 24 dBm input power | 6.24 W/kg                     |
| SAR for nominal Head TSL parameters                           | normalized to 1W   | 24.8 W/kg $\pm$ 16.5% (k = 2) |

**Appendix (Additional assessments outside the scope of SCS 0108)****Antenna Parameters with Head TSL at 2450 MHz**

|             |                                |
|-------------|--------------------------------|
| Impedance   | 53.4 $\Omega$ + 3.7 j $\Omega$ |
| Return Loss | -26.3 dB                       |

**General Antenna Parameters and Design**

|                                  |          |
|----------------------------------|----------|
| Electrical Delay (one direction) | 1.161 ns |
|----------------------------------|----------|

After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured. The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard. No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feedpoint may be damaged.

**Additional EUT Data**

|                 |       |
|-----------------|-------|
| Manufactured by | SPEAG |
|-----------------|-------|

System Performance Check Report

Summary

|                 |                 |     |             |
|-----------------|-----------------|-----|-------------|
| Dipole          | Frequency [MHz] | TSL | Power [dBm] |
| D2450V2 - SN737 | 2450            | HSL | 24          |

Exposure Conditions

|                      |                    |      |            |                                 |                   |                        |                  |
|----------------------|--------------------|------|------------|---------------------------------|-------------------|------------------------|------------------|
| Phantom Section, TSL | Test Distance [mm] | Band | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
| Flat                 | 10                 |      | CW, 0--    | 2450, 0                         | 7.06              | 1.87                   | 37.8             |

Hardware Setup

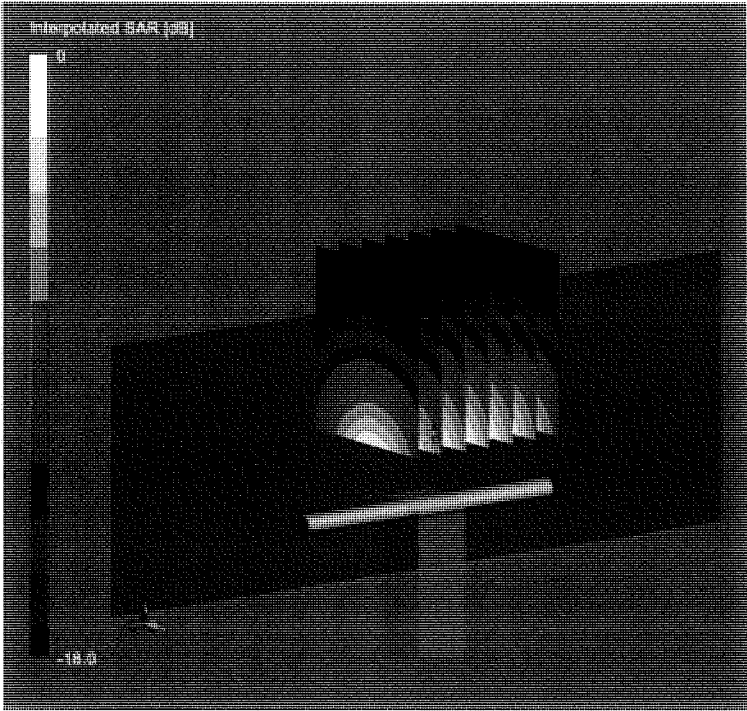
|                |                    |                             |                           |
|----------------|--------------------|-----------------------------|---------------------------|
| Phantom        | TSL, Measured Date | Probe, Calibration Date     | DAE, Calibration Date     |
| MFP V8.0 Right | HSL, 2025-02-12    | EX3DV4 - SN7349, 2025-01-10 | DAE4ip Sn1836, 2024-10-28 |

Scans Setup

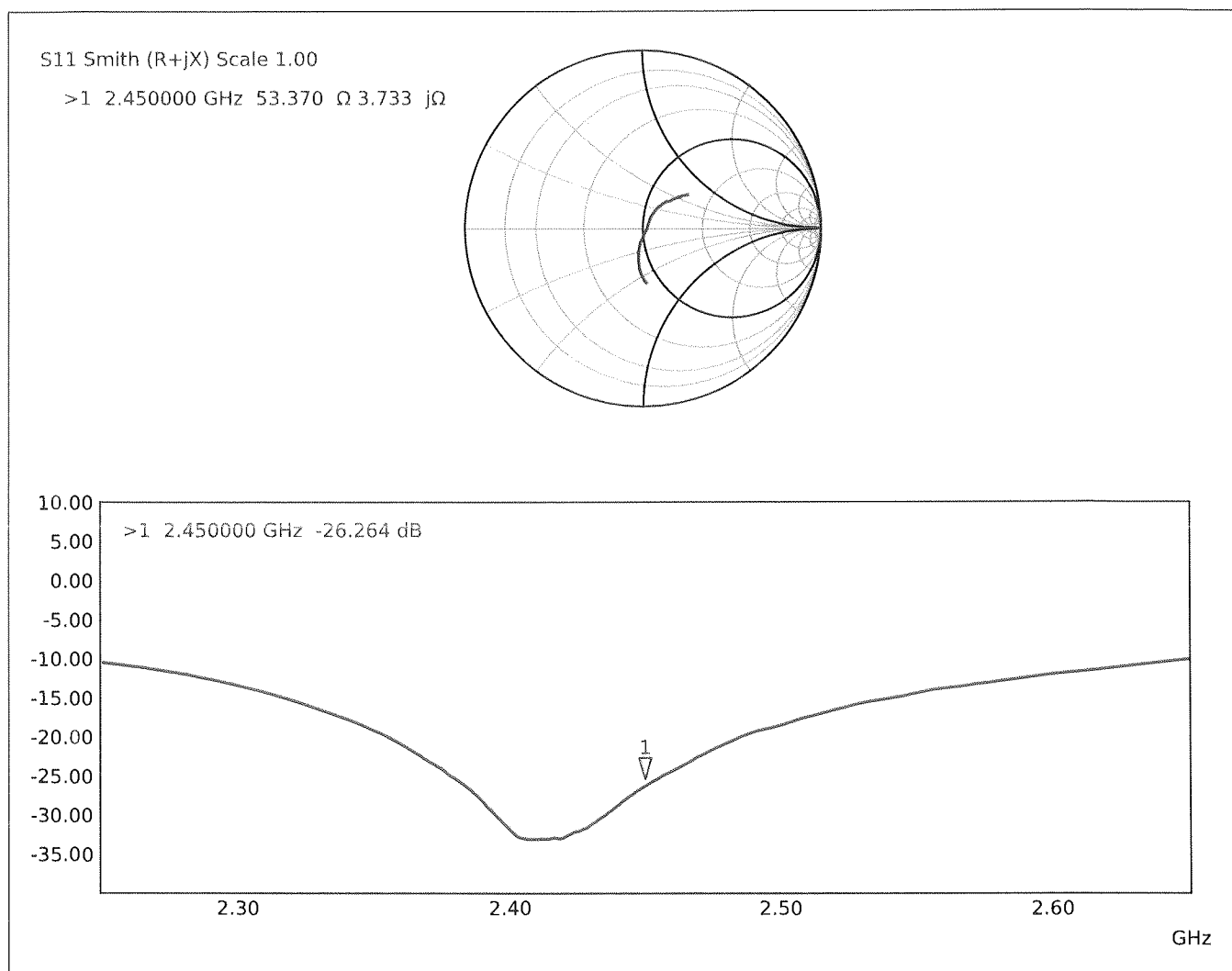
|                     |                 |
|---------------------|-----------------|
|                     | Zoom Scan       |
| Grid Extents [mm]   | 30 x 30 x 30    |
| Grid Steps [mm]     | 5.0 x 5.0 x 1.5 |
| Sensor Surface [mm] | 1.4             |
| Graded Grid         | Yes             |
| Grading Ratio       | 1.5             |
| MAIA                | N/A             |
| Surface Detection   | VMS + 6p        |
| Scan Method         | Measured        |

Measurement Results

|                     |                     |
|---------------------|---------------------|
|                     | Zoom Scan           |
| Date                | 2025-02-12          |
| psSAR1g [W/Kg]      | 13.3                |
| psSAR10g [W/Kg]     | 6.24                |
| Power Drift [dB]    | 0.01                |
| Power Scaling       | Disabled            |
| Scaling Factor [dB] |                     |
| TSL Correction      | Positive / Negative |



0 dB = 27.8 W/Kg

**Impedance Measurement Plot for Head TSL**

**Calibration Laboratory of**Schmid & Partner  
Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland

**S** Schweizerischer Kalibrierdienst  
**C** Service suisse d'étalonnage  
**S** Servizio svizzero di taratura  
**S** Swiss Calibration Service

Accredited by the Swiss Accreditation Service (SAS)

**The Swiss Accreditation Service is one of the signatories to the EA  
Multilateral Agreement for the recognition of calibration certificates**Accreditation No.: **SCS 0108**

Client

**B.V. ADT**  
Taoyuan City

Certificate No.

**D5GHzV2-1019\_Feb25****CALIBRATION CERTIFICATE**

Object

**D5GHzV2 - SN: 1019**

Calibration procedure(s)

**QA CAL-22.v7****Calibration Procedure for SAR Validation Sources between 3 - 10 GHz**

Calibration date

**February 11, 2025**

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).  
The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature  $(22 \pm 3)^\circ\text{C}$  and humidity  $< 70\%$ .

Calibration Equipment used (M&TE critical for calibration)

| Primary Standards                          | ID         | Cal Date (Certificate No.)             | Scheduled Cal |
|--------------------------------------------|------------|----------------------------------------|---------------|
| Power Sensor R&S NRP-33T                   | SN: 100967 | 28-Mar-24 (No. 217-04038)              | Mar-25        |
| Power Sensor R&S NRP18A                    | SN: 101859 | 22-Jul-24 (No. 4030A315008547)         | Jul-25        |
| Spectrum Analyzer R&S FSV40                | SN: 101832 | 29-Jan-25 (No. 4030A315009658)         | Jan-26        |
| Mismatch; Short [S4188] Attenuator [S4423] | SN: 1152   | 28-Mar-24 (No. 217-04050)              | Mar-25        |
| OCP DAK-12                                 | SN: 1016   | 24-Sept-24 (No. OCP-DAK12-1016_Sep24)  | Sep-25        |
| OCP DAK-3.5                                | SN: 1249   | 23-Sept-24 (No. OCP-DAK3.5-1249_Sep24) | Sep-25        |
| Reference Probe EX3DV4                     | SN: 7349   | 10-Jan-25 (No. EX3-7349_Jan25)         | Jan-26        |
| DAE4ip                                     | SN: 1836   | 28-Oct-24 (No. DAE4ip-1836_Oct24)      | Oct-25        |

| Secondary Standards          | ID         | Check Date (in house)                      | Scheduled Check |
|------------------------------|------------|--------------------------------------------|-----------------|
| ACAD Source Box              | SN: 1000   | 28-May-24 (No. 675-ACAD_Source_Box-240528) | May-25          |
| Signal Generator R&S SMB100A | SN: 182081 | 28-May-24 (No. 675-CAL16-S4588-240528)     | May-25          |
| Mismatch; SMA                | SN: 1102   | 22-May-24 (No. 675-Mismatch_SMA-240522)    | May-25          |

|               | Name       | Function              | Signature |
|---------------|------------|-----------------------|-----------|
| Calibrated by | Paulo Pina | Laboratory Technician |           |
| Approved by   | Sven Kühn  | Technical Manager     |           |

Issued: February 11, 2025

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.



Accredited by the Swiss Accreditation Service (SAS)

**The Swiss Accreditation Service is one of the signatories to the EA  
Multilateral Agreement for the recognition of calibration certificates**

**Accreditation No.: SCS 0108**

## Glossary

|       |                                 |
|-------|---------------------------------|
| TSL   | tissue simulating liquid        |
| ConvF | sensitivity in TSL / NORM x,y,z |
| N/A   | not applicable or not measured  |

## Calibration is Performed According to the Following Standards

- IEC/IEEE 62209-1528, "Measurement Procedure For The Assessment Of Specific Absorption Rate Of Human Exposure To Radio Frequency Fields From Hand-Held And Body-Worn Wireless Communication Devices - Part 1528: Human Models, Instrumentation And Procedures (Frequency Range of 4 MHz to 10 GHz)", October 2020.
- KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

## Additional Documentation

- DASY System Handbook

## Methods Applied and Interpretation of Parameters

- *Measurement Conditions*: Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- *Antenna Parameters with TSL*: The dipole is mounted with the spacer to position its feed point exactly below the center marking of the flat phantom section, with the arms oriented parallel to the body axis.
- *Feed Point Impedance and Return Loss*: These parameters are measured with the dipole positioned under the liquid filled phantom. The impedance stated is transformed from the measurement at the SMA connector to the feed point. The Return Loss ensures low reflected power. No uncertainty required.
- *Electrical Delay*: One-way delay between the SMA connector and the antenna feed point. No uncertainty required.
- *SAR measured*: SAR measured at the stated antenna input power.
- *SAR normalized*: SAR as measured, normalized to an input power of 1 W at the antenna connector.
- *SAR for nominal TSL parameters*: The measured TSL parameters are used to calculate the nominal SAR result.

The reported uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor  $k=2$ , which for a normal distribution corresponds to a coverage probability of approximately 95%.

## Measurement Conditions

DASY system configuration, as far as not given on page 1.

|                                     |                                                                |                                     |
|-------------------------------------|----------------------------------------------------------------|-------------------------------------|
| <b>DASY Version</b>                 | DASY8 Module SAR                                               | 16.4.0                              |
| <b>Extrapolation</b>                | Advanced Extrapolation                                         |                                     |
| <b>Phantom</b>                      | Modular Flat Phantom                                           |                                     |
| <b>Distance Dipole Center - TSL</b> | 10 mm                                                          | with spacer                         |
| <b>Zoom Scan Resolution</b>         | dx, dy = 4mm, dz = 1.4mm                                       | Graded Ratio = 1.4 mm (Z direction) |
| <b>Frequency</b>                    | 5250MHz $\pm$ 1MHz<br>5600MHz $\pm$ 1MHz<br>5800MHz $\pm$ 1MHz |                                     |

## Head TSL parameters at 5250 MHz

The following parameters and calculations were applied.

|                                                | Temperature        | Permittivity  | Conductivity        |
|------------------------------------------------|--------------------|---------------|---------------------|
| <b>Nominal Head TSL parameters</b>             | 22.0 °C            | 35.9          | 4.71 mho/m          |
| <b>Measured Head TSL parameters</b>            | (22.0 $\pm$ 0.2)°C | 35.6 $\pm$ 6% | 4.53 mho/m $\pm$ 6% |
| <b>Head TSL temperature change during test</b> | < 0.5 °C           |               |                     |

## SAR result with Head TSL at 5250 MHz

| <b>SAR averaged over 1 cm<sup>3</sup> (1 g) of Head TSL</b> | Condition          |                               |
|-------------------------------------------------------------|--------------------|-------------------------------|
| SAR for nominal Head TSL parameters                         | 20 dBm input power | 7.83 W/kg                     |
| SAR for nominal Head TSL parameters                         | normalized to 1W   | 78.3 W/kg $\pm$ 19.9% (k = 2) |

| <b>SAR averaged over 10 cm<sup>3</sup> (10 g) of Head TSL</b> | Condition          |                               |
|---------------------------------------------------------------|--------------------|-------------------------------|
| SAR for nominal Head TSL parameters                           | 20 dBm input power | 2.24 W/kg                     |
| SAR for nominal Head TSL parameters                           | normalized to 1W   | 22.4 W/kg $\pm$ 19.5% (k = 2) |

### Head TSL parameters at 5600 MHz

The following parameters and calculations were applied.

|                                         | Temperature   | Permittivity | Conductivity   |
|-----------------------------------------|---------------|--------------|----------------|
| Nominal Head TSL parameters             | 22.0 °C       | 35.5         | 5.07 mho/m     |
| Measured Head TSL parameters            | (22.0 ±0.2)°C | 34.9 ±6%     | 4.90 mho/m ±6% |
| Head TSL temperature change during test | < 0.5 °C      |              |                |

### SAR result with Head TSL at 5600 MHz

| SAR averaged over 1 cm <sup>3</sup> (1 g) of Head TSL | Condition          |                          |
|-------------------------------------------------------|--------------------|--------------------------|
| SAR for nominal Head TSL parameters                   | 20 dBm input power | 8.08 W/kg                |
| SAR for nominal Head TSL parameters                   | normalized to 1W   | 80.8 W/kg ±19.9% (k = 2) |

| SAR averaged over 10 cm <sup>3</sup> (10 g) of Head TSL | Condition          |                          |
|---------------------------------------------------------|--------------------|--------------------------|
| SAR for nominal Head TSL parameters                     | 20 dBm input power | 2.32 W/kg                |
| SAR for nominal Head TSL parameters                     | normalized to 1W   | 23.2 W/kg ±19.5% (k = 2) |

### Head TSL parameters at 5800 MHz

The following parameters and calculations were applied.

|                                         | Temperature   | Permittivity | Conductivity   |
|-----------------------------------------|---------------|--------------|----------------|
| Nominal Head TSL parameters             | 22.0 °C       | 35.3         | 5.27 mho/m     |
| Measured Head TSL parameters            | (22.0 ±0.2)°C | 34.7 ±6%     | 5.11 mho/m ±6% |
| Head TSL temperature change during test | < 0.5 °C      |              |                |

### SAR result with Head TSL at 5800 MHz

| SAR averaged over 1 cm <sup>3</sup> (1 g) of Head TSL | Condition          |                          |
|-------------------------------------------------------|--------------------|--------------------------|
| SAR for nominal Head TSL parameters                   | 20 dBm input power | 7.88 W/kg                |
| SAR for nominal Head TSL parameters                   | normalized to 1W   | 78.8 W/kg ±19.9% (k = 2) |

| SAR averaged over 10 cm <sup>3</sup> (10 g) of Head TSL | Condition          |                          |
|---------------------------------------------------------|--------------------|--------------------------|
| SAR for nominal Head TSL parameters                     | 20 dBm input power | 2.25 W/kg                |
| SAR for nominal Head TSL parameters                     | normalized to 1W   | 22.5 W/kg ±19.5% (k = 2) |

**Appendix (Additional assessments outside the scope of SCS 0108)****Antenna Parameters with Head TSL at 5250 MHz**

|             |                                |
|-------------|--------------------------------|
| Impedance   | 51.9 $\Omega$ – 2.7 j $\Omega$ |
| Return Loss | -29.9 dB                       |

**Antenna Parameters with Head TSL at 5600 MHz**

|             |                                |
|-------------|--------------------------------|
| Impedance   | 57.8 $\Omega$ – 0.7 j $\Omega$ |
| Return Loss | -22.7 dB                       |

**Antenna Parameters with Head TSL at 5800 MHz**

|             |                                |
|-------------|--------------------------------|
| Impedance   | 56.1 $\Omega$ + 3.1 j $\Omega$ |
| Return Loss | -23.8 dB                       |

**General Antenna Parameters and Design**

|                                  |          |
|----------------------------------|----------|
| Electrical Delay (one direction) | 1.203 ns |
|----------------------------------|----------|

After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured. The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard. No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feedpoint may be damaged.

**Additional EUT Data**

|                 |       |
|-----------------|-------|
| Manufactured by | SPEAG |
|-----------------|-------|

System Performance Check Report

Summary

| Dipole           | Frequency [MHz] | TSL | Power [dBm] |
|------------------|-----------------|-----|-------------|
| D5GHzV2 - SN1019 | 5250            | HSL | 20          |

Exposure Conditions

| Phantom Section, TSL | Test Distance [mm] | Band | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|--------------------|------|------------|---------------------------------|-------------------|------------------------|------------------|
| Flat                 | 10                 |      | CW, 0---   | 5250, 0                         | 5.68              | 4.53                   | 35.6             |

Hardware Setup

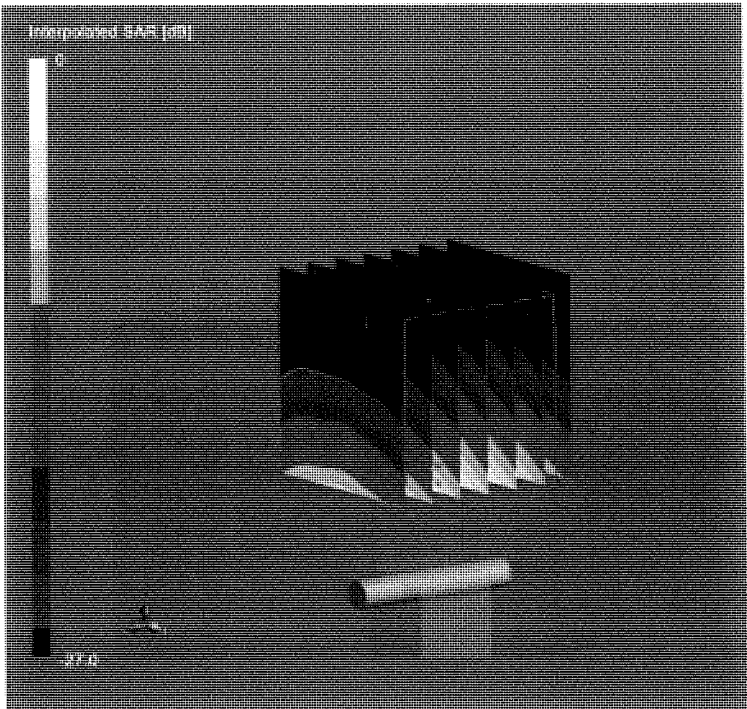
| Phantom         | TSL, Measured Date | Probe, Calibration Date     | DAE, Calibration Date     |
|-----------------|--------------------|-----------------------------|---------------------------|
| MFP V8.0 Center | HSL, 2025-02-11    | EX3DV4 - SN7349, 2025-01-10 | DAE4ip Sn1836, 2024-10-28 |

Scans Setup

|                     | Zoom Scan       |
|---------------------|-----------------|
| Grid Extents [mm]   | 22 x 22 x 22    |
| Grid Steps [mm]     | 4.0 x 4.0 x 1.4 |
| Sensor Surface [mm] | 1.4             |
| Graded Grid         | Yes             |
| Grading Ratio       | 1.4             |
| MAIA                | N/A             |
| Surface Detection   | VMS + 6p        |
| Scan Method         | Measured        |

Measurement Results

|                     | Zoom Scan           |
|---------------------|---------------------|
| Date                | 2025-02-11          |
| psSAR1g [W/Kg]      | 7.83                |
| psSAR10g [W/Kg]     | 2.24                |
| Power Drift [dB]    | -0.06               |
| Power Scaling       | Disabled            |
| Scaling Factor [dB] |                     |
| TSL Correction      | Positive / Negative |



0 dB = 31.5 W/Kg

System Performance Check Report

Summary

| Dipole           | Frequency [MHz] | TSL | Power [dBm] |
|------------------|-----------------|-----|-------------|
| D5GHzV2 - SN1019 | 5600            | HSL | 20          |

Exposure Conditions

| Phantom Section, TSL | Test Distance [mm] | Band | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|--------------------|------|------------|---------------------------------|-------------------|------------------------|------------------|
| Flat                 | 10                 |      | CW, 0--    | 5600, 0                         | 5.21              | 4.90                   | 34.9             |

Hardware Setup

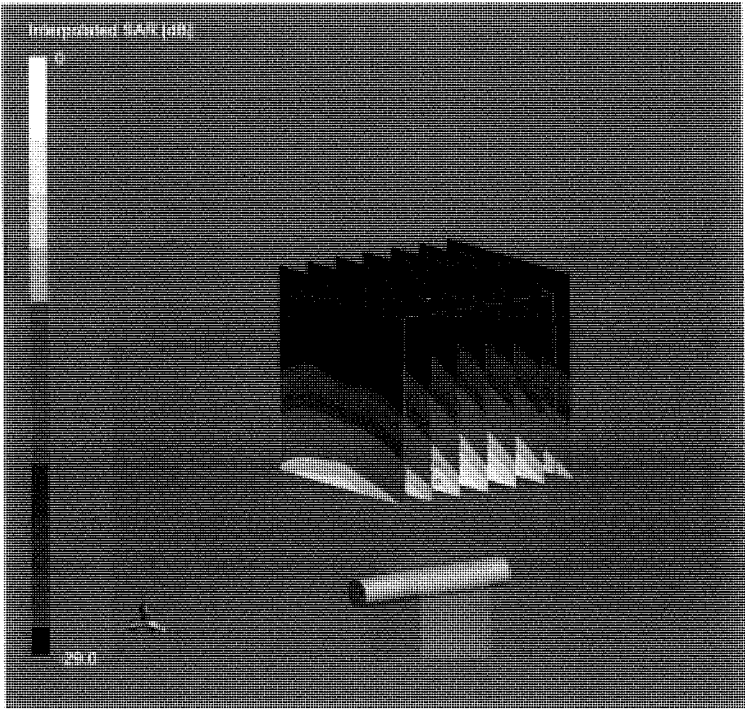
| Phantom         | TSL, Measured Date | Probe, Calibration Date     | DAE, Calibration Date     |
|-----------------|--------------------|-----------------------------|---------------------------|
| MFP V8.0 Center | HSL, 2025-02-11    | EX3DV4 - SN7349, 2025-01-10 | DAE4ip Sn1836, 2024-10-28 |

Scans Setup

|                     | Zoom Scan       |
|---------------------|-----------------|
| Grid Extents [mm]   | 22 x 22 x 22    |
| Grid Steps [mm]     | 4.0 x 4.0 x 1.4 |
| Sensor Surface [mm] | 1.4             |
| Graded Grid         | Yes             |
| Grading Ratio       | 1.4             |
| MAIA                | N/A             |
| Surface Detection   | VMS + 6p        |
| Scan Method         | Measured        |

Measurement Results

|                     | Zoom Scan           |
|---------------------|---------------------|
| Date                | 2025-02-11          |
| psSAR1g [W/Kg]      | 8.08                |
| psSAR10g [W/Kg]     | 2.32                |
| Power Drift [dB]    | 0.00                |
| Power Scaling       | Disabled            |
| Scaling Factor [dB] |                     |
| TSL Correction      | Positive / Negative |



0 dB = 35.0 W/Kg

System Performance Check Report

Summary

| Dipole           | Frequency [MHz] | TSL | Power [dBm] |
|------------------|-----------------|-----|-------------|
| D5GHzV2 - SN1019 | 5800            | HSL | 20          |

Exposure Conditions

| Phantom Section, TSL | Test Distance [mm] | Band | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|--------------------|------|------------|---------------------------------|-------------------|------------------------|------------------|
| Flat                 | 10                 |      | CW, 0--    | 5800, 0                         | 5.17              | 5.11                   | 34.7             |

Hardware Setup

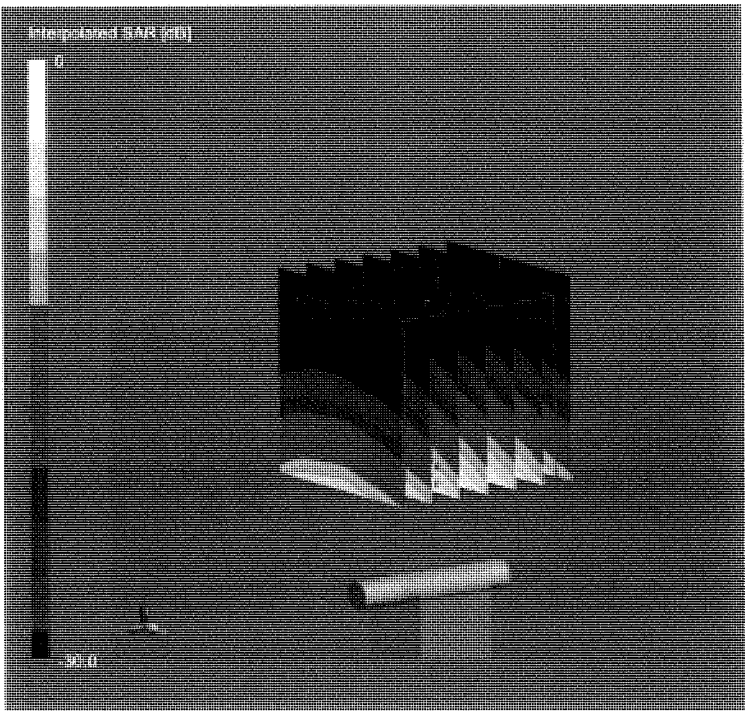
| Phantom         | TSL, Measured Date | Probe, Calibration Date     | DAE, Calibration Date     |
|-----------------|--------------------|-----------------------------|---------------------------|
| MFP V8.0 Center | HSL, 2025-02-11    | EX3DV4 - SN7349, 2025-01-10 | DAE4ip Sn1836, 2024-10-28 |

Scans Setup

|                     | Zoom Scan       |
|---------------------|-----------------|
| Grid Extents [mm]   | 22 x 22 x 22    |
| Grid Steps [mm]     | 4.0 x 4.0 x 1.4 |
| Sensor Surface [mm] | 1.4             |
| Graded Grid         | Yes             |
| Grading Ratio       | 1.4             |
| MAIA                | N/A             |
| Surface Detection   | VMS + 6p        |
| Scan Method         | Measured        |

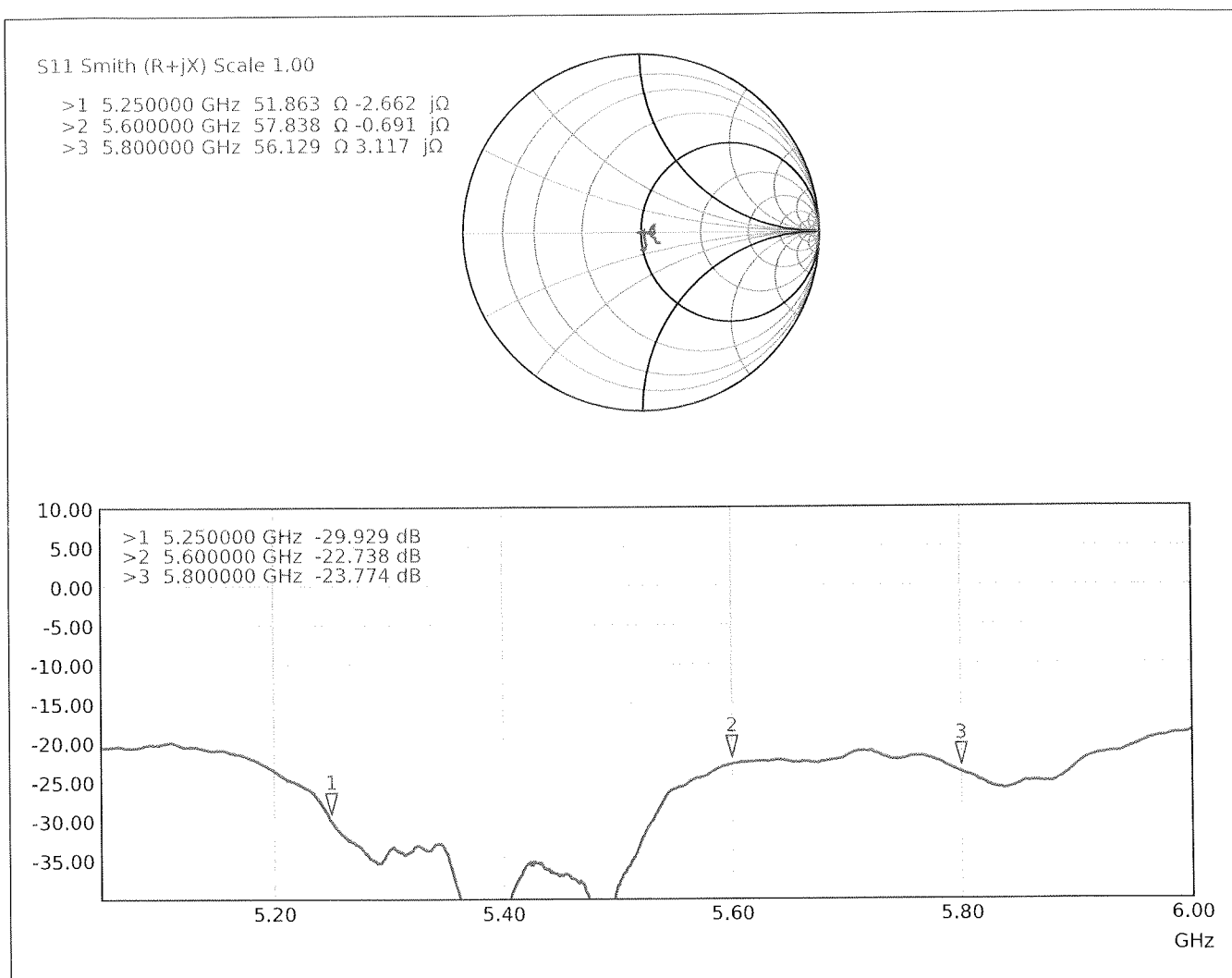
Measurement Results

|                     | Zoom Scan           |
|---------------------|---------------------|
| Date                | 2025-02-11          |
| psSAR1g [W/Kg]      | 7.88                |
| psSAR10g [W/Kg]     | 2.25                |
| Power Drift [dB]    | -0.01               |
| Power Scaling       | Disabled            |
| Scaling Factor [dB] |                     |
| TSL Correction      | Positive / Negative |



0 dB = 35.7 W/Kg

## Impedance Measurement Plot for Head TSL





Accredited by the Swiss Accreditation Service (SAS)  
The Swiss Accreditation Service is one of the signatories to the EA  
Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: **SCS 0108**

Client **B.V. ADT**  
**Taoyuan City**

Certificate No. **D6.5GHzV2-1008\_Sep24**

## CALIBRATION CERTIFICATE

Object **D6.5GHzV2 - SN:1008**

Calibration procedure(s) **QA CAL-22.v7**  
**Calibration Procedure for SAR Validation Sources between 3-10 GHz**

Calibration date: **September 09, 2024**

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).  
The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature ( $22 \pm 3$ )°C and humidity < 70%.

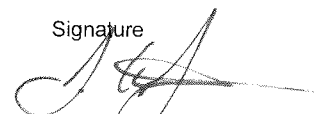
Calibration Equipment used (M&TE critical for calibration)

| Primary Standards          | ID #             | Cal Date (Certificate No.)     | Scheduled Calibration |
|----------------------------|------------------|--------------------------------|-----------------------|
| Power sensor R&S NRP33T    | SN: 100967       | 28-Mar-24 (No. 217-04038)      | Mar-25                |
| Reference 20 dB Attenuator | SN: BH9394 (20k) | 26-Mar-24 (No. 217-04046)      | Mar-25                |
| Mismatch combination       | SN: 84224 / 360D | 28-Mar-24 (No. 217-04050)      | Mar-25                |
| Reference Probe EX3DV4     | SN: 7405         | 01-Jul-24 (No. EX3-7405_Jul24) | Jul-25                |
| DAE4                       | SN: 908          | 27-Mar-24 (No. DAE4-908_Mar24) | Mar-25                |

| Secondary Standards              | ID #           | Check Date (in house)             | Scheduled Check        |
|----------------------------------|----------------|-----------------------------------|------------------------|
| RF generator Anapico APSIN20G    | SN: 827        | 18-Dec-18 (in house check Jan-24) | In house check: Jan-25 |
| Power sensor NRP-Z23             | SN: 100169     | 10-Jan-19 (in house check Jan-24) | In house check: Jan-25 |
| Power sensor NRP-18T             | SN: 100950     | 28-Sep-22 (in house check Jan-24) | In house check: Jan-25 |
| Network Analyzer Keysight E5063A | SN: MY54504221 | 31-Oct-19 (in house check Oct-22) | In house check: Oct-24 |

Calibrated by: **Name**  
**Jeffrey Katzman** **Function**  
**Laboratory Technician**

Approved by: **Sven Kühn** **Technical Manager**

Signature  
  


Issued: September 17, 2024

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Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: **SCS 0108**

### Glossary:

|       |                                 |
|-------|---------------------------------|
| TSL   | tissue simulating liquid        |
| ConvF | sensitivity in TSL / NORM x,y,z |
| N/A   | not applicable or not measured  |

### Calibration is Performed According to the Following Standards:

- a) IEC/IEEE 62209-1528, "Measurement Procedure For The Assessment Of Specific Absorption Rate Of Human Exposure To Radio Frequency Fields From Hand-Held And Body-Worn Wireless Communication Devices - Part 1528: Human Models, Instrumentation And Procedures (Frequency Range Of 4 MHz To 10 GHz)", October 2020.

### Additional Documentation:

- b) DASY System Handbook

### Methods Applied and Interpretation of Parameters:

- *Measurement Conditions:* Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- *Antenna Parameters with TSL:* The dipole is mounted with the spacer to position its feed point exactly below the center marking of the flat phantom section, with the arms oriented parallel to the body axis.
- *Feed Point Impedance and Return Loss:* These parameters are measured with the dipole positioned under the liquid filled phantom. The Return Loss ensures low reflected power. No uncertainty required.
- *SAR measured:* SAR measured at the stated antenna input power.
- *SAR normalized:* SAR as measured, normalized to an input power of 1 W at the antenna connector.
- *SAR for nominal TSL parameters:* The measured TSL parameters are used to calculate the nominal SAR result.
- *The absorbed power density (APD):* The absorbed power density is evaluated according to Samaras T, Christ A, Kuster N, "Compliance assessment of the epithelial or absorbed power density above 6 GHz using SAR measurement systems", Bioelectromagnetics, 2021 (submitted). The additional evaluation uncertainty of 0.55 dB (rectangular distribution) is considered.

The reported uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor  $k=2$ , which for a normal distribution corresponds to a coverage probability of approximately 95%.

## Measurement Conditions

DASY system configuration, as far as not given on page 1.

|                              |                              |                                  |
|------------------------------|------------------------------|----------------------------------|
| DASY Version                 | DASY6                        | V16.2                            |
| Extrapolation                | Advanced Extrapolation       |                                  |
| Phantom                      | Modular Flat Phantom         |                                  |
| Distance Dipole Center - TSL | 5 mm                         | with Spacer                      |
| Zoom Scan Resolution         | dx, dy = 3.4 mm, dz = 1.4 mm | Graded Ratio = 1.4 (Z direction) |
| Frequency                    | 6500 MHz $\pm$ 1 MHz         |                                  |

## Head TSL parameters

The following parameters and calculations were applied.

|                                         | Temperature         | Permittivity   | Conductivity         |
|-----------------------------------------|---------------------|----------------|----------------------|
| Nominal Head TSL parameters             | 22.0 °C             | 34.5           | 6.07 mho/m           |
| Measured Head TSL parameters            | (22.0 $\pm$ 0.2) °C | 35.1 $\pm$ 6 % | 6.34 mho/m $\pm$ 6 % |
| Head TSL temperature change during test | < 0.5 °C            | ----           | ----                 |

## SAR result with Head TSL

|                                                             |                    |                                               |
|-------------------------------------------------------------|--------------------|-----------------------------------------------|
| <b>SAR averaged over 1 cm<sup>3</sup> (1 g) of Head TSL</b> | Condition          |                                               |
| SAR measured                                                | 100 mW input power | 30.2 W/kg                                     |
| SAR for nominal Head TSL parameters                         | normalized to 1W   | <b>303 W/kg <math>\pm</math> 24.7 % (k=2)</b> |

|                                                             |                    |                                                |
|-------------------------------------------------------------|--------------------|------------------------------------------------|
| <b>SAR averaged over 8 cm<sup>3</sup> (8 g) of Head TSL</b> | Condition          |                                                |
| SAR measured                                                | 100 mW input power | 6.77 W/kg                                      |
| SAR for nominal Head TSL parameters                         | normalized to 1W   | <b>68.0 W/kg <math>\pm</math> 24.4 % (k=2)</b> |

|                                                               |                    |                                                |
|---------------------------------------------------------------|--------------------|------------------------------------------------|
| <b>SAR averaged over 10 cm<sup>3</sup> (10 g) of Head TSL</b> | condition          |                                                |
| SAR measured                                                  | 100 mW input power | 5.55 W/kg                                      |
| SAR for nominal Head TSL parameters                           | normalized to 1W   | <b>55.7 W/kg <math>\pm</math> 24.4 % (k=2)</b> |

## Appendix (Additional assessments outside the scope of SCS 0108)

### Antenna Parameters with Head TSL

|                                      |                                |
|--------------------------------------|--------------------------------|
| Impedance, transformed to feed point | 51.8 $\Omega$ - 7.6 j $\Omega$ |
| Return Loss                          | - 22.3 dB                      |

### APD (Absorbed Power Density)

| APD averaged over 1 cm <sup>2</sup> | Condition          |                                                           |
|-------------------------------------|--------------------|-----------------------------------------------------------|
| APD measured                        | 100 mW input power | 302 W/m <sup>2</sup>                                      |
| APD measured                        | normalized to 1W   | <b>3020 W/m<sup>2</sup> <math>\pm</math> 29.2 % (k=2)</b> |

| APD averaged over 4 cm <sup>2</sup> | condition          |                                                           |
|-------------------------------------|--------------------|-----------------------------------------------------------|
| APD measured                        | 100 mW input power | 135 W/m <sup>2</sup>                                      |
| APD measured                        | normalized to 1W   | <b>1350 W/m<sup>2</sup> <math>\pm</math> 28.9 % (k=2)</b> |

\*The reported APD values have been derived using the psSAR1g and psSAR8g.

### General Antenna Parameters and Design

After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard.

No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feedpoint may be damaged.

### Additional EUT Data

|                 |       |
|-----------------|-------|
| Manufactured by | SPEAG |
|-----------------|-------|

DASY6 Validation Report for Head TSL

Measurement Report for D6.5GHz-1008, UID 0 -, Channel 6500 (6500.0MHz)

Device under Test Properties

| Name, Manufacturer | Dimensions [mm]    | IMEI     | DUT Type |
|--------------------|--------------------|----------|----------|
| D6.5GHz            | 16.0 x 6.0 x 300.0 | SN: 1008 | -        |

Exposure Conditions

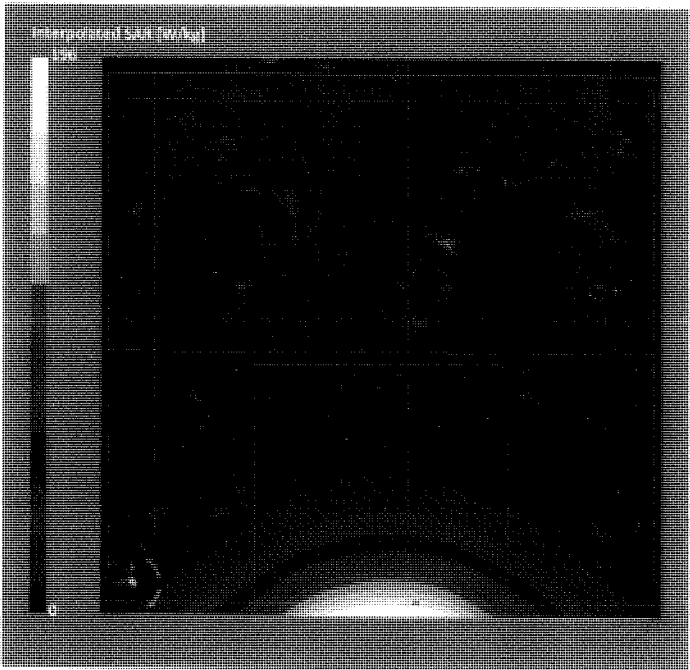
| Phantom<br>Section, TSL | Position, Test<br>Distance<br>[mm] | Band | Group,<br>UID | Frequency<br>[MHz] | Conversion<br>Factor | TSL Cond.<br>[S/m] | TSL<br>Permittivity |
|-------------------------|------------------------------------|------|---------------|--------------------|----------------------|--------------------|---------------------|
| Flat, HSL               | 5.00                               | Band | CW,           | 6500               | 5.14                 | 6.34               | 35.1                |

Hardware Setup

| Phantom                | TSL             | Probe, Calibration Date     | DAE, Calibration Date  |
|------------------------|-----------------|-----------------------------|------------------------|
| MFP V8.0 Center - 1182 | HBBL600-10000V6 | EX3DV4 - SN7405, 2024-07-01 | DAE4 Sn908, 2024-03-27 |

Scan Setup

| Zoom Scan           |                    | Measurement Results |                   |
|---------------------|--------------------|---------------------|-------------------|
| Grid Extents [mm]   | 22.0 x 22.0 x 22.0 | Date                | 2024-09-09, 13:48 |
| Grid Steps [mm]     | 3.4 x 3.4 x 1.4    | psSAR1g [W/Kg]      | 30.2              |
| Sensor Surface [mm] | 1.4                | psSAR8g [W/Kg]      | 6.77              |
| Graded Grid         | Yes                | psSAR10g [W/Kg]     | 5.55              |
| Grading Ratio       | 1.4                | Power Drift [dB]    | 0.02              |
| MAIA                | N/A                | Power Scaling       | Disabled          |
| Surface Detection   | VMS + 6p           | Scaling Factor [dB] |                   |
| Scan Method         | Measured           | TSL Correction      | No correction     |
|                     |                    | M2/M1 [%]           | 50.4              |
|                     |                    | Dist 3dB Peak [mm]  | 4.6               |

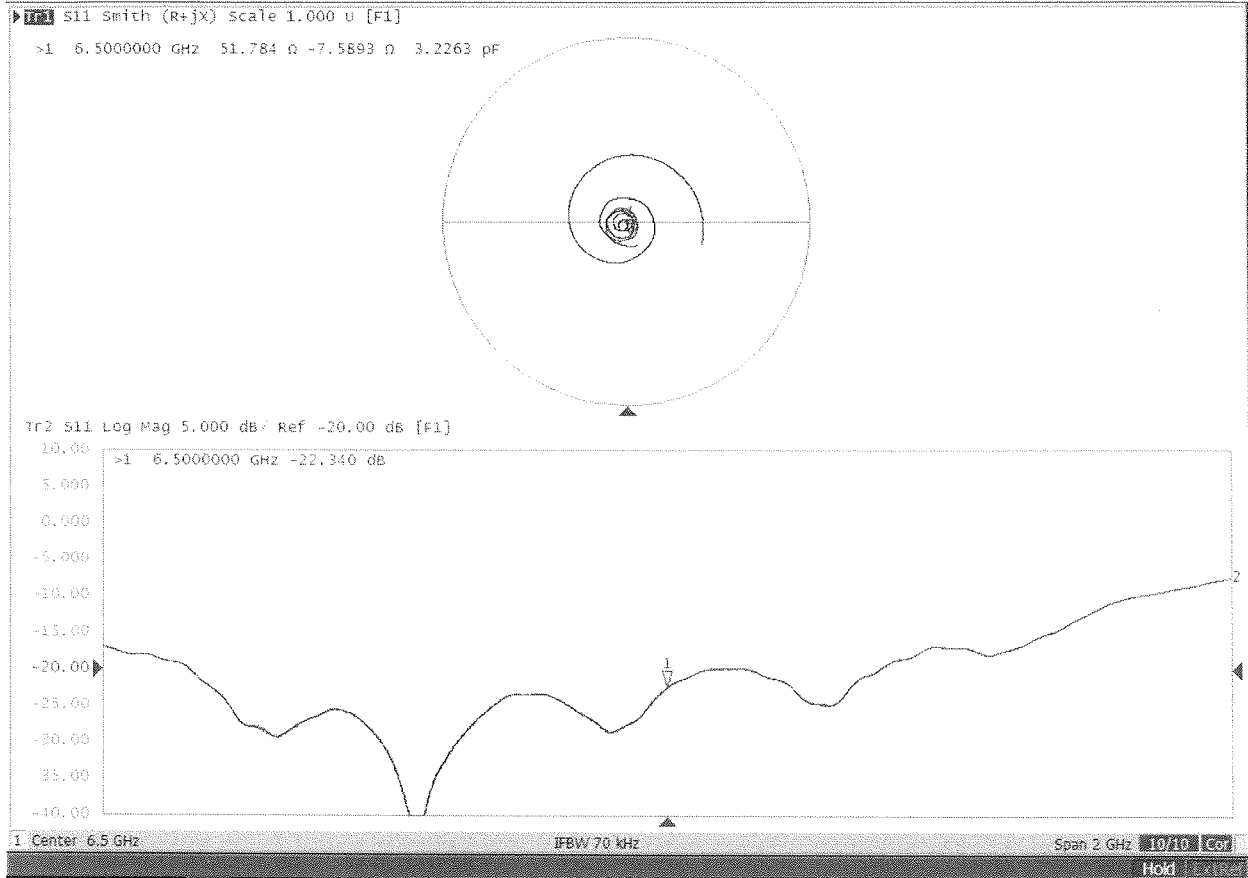


## Impedance Measurement Plot for Head TSL

E5063A Network Analyzer

1 Active Ch/Trace 2 Response 3 Stimulus 4 Mkr/Analysis 5 Instr State

Resize





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Accreditation No.: SCS 0108

Client **B.V. ADT**  
Taoyuan City

Certificate No. **5G-Veri10-1025\_Jan25**

## CALIBRATION CERTIFICATE

Object **5G Verification Source 10 GHz - SN: 1025**

Calibration procedure(s) **QA CAL-45.v5**  
**Calibration procedure for sources in air > 6 GHz**

Calibration date **January 14, 2025**

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).  
The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature  $(22 \pm 3)^{\circ}\text{C}$  and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

| Primary Standards             | ID       | Cal Date (Certificate No.)        | Scheduled Cal |
|-------------------------------|----------|-----------------------------------|---------------|
| Reference Probe SPEAG EUmmWV3 | SN: 9374 | 28-Aug-24 (No. Eumm_9374_Aug24)   | Aug-25        |
| DAE4ip                        | SN: 1602 | 06-Nov-24 (No. DAE4ip-1602_Nov24) | Nov-25        |

| Secondary Standards              | ID             | Check Date (in house)                    | Scheduled Check |
|----------------------------------|----------------|------------------------------------------|-----------------|
| Signal Generator R&S SMF100A     | SN: 100184     | 26-Nov-24 (No. 5G-Source-Cal-IHC-202411) | Nov-25          |
| Power Sensor R&S NRP18S-10       | SN: 101258     | 26-Nov-24 (No. 5G-Source-Cal-IHC-202411) | Nov-25          |
| Network Analyzer Keysight E5063A | SN: MY54504221 | 30-Sept-24 (No. 675-CAL18-S4489-Sep24)   | Sep-26          |

|               | Name         | Function              | Signature |
|---------------|--------------|-----------------------|-----------|
| Calibrated by | Leif Klysner | Laboratory Technician |           |
| Approved by   | Sven Kühn    | Technical Manager     |           |

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Issued: January 19, 2025



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**Accreditation No.: SCS 0108**

## Glossary

CW Continuous wave

## Calibration is Performed According to the Following Standards

- Internal procedure QA CAL-45, Calibration procedure for sources in air above 6 GHz.
- IEC/IEEE 63195-1, "Assessment of power density of human exposure to radio frequency fields from wireless devices in close proximity to the head and body (frequency range of 6 GHz to 300 GHz)", May 2022

## Methods Applied and Interpretation of Parameters

- *Coordinate System:* z-axis in the waveguide horn boresight, x-axis is in the direction of the E-field, y-axis normal to the others in the field scanning plane parallel to the horn flare and horn flange.
- *Measurement Conditions:* (1) 10 GHz: The radiated power is the forward power to the horn antenna minus ohmic and mismatch loss. The forward power is measured prior and after the measurement with a power sensor. During the measurements, the horn is directly connected to the cable and the antenna ohmic and mismatch losses are determined by far-field measurements. (2) 30, 45, 60 and 90 GHz: The verification sources are switched on for at least 30 minutes. Absorbers are used around the probe cub and at the ceiling to minimize reflections.
- *Horn Positioning:* The waveguide horn is mounted vertically on the flange of the waveguide source to allow vertical positioning of the EUMmW probe during the scan. The plane is parallel to the phantom surface. Probe distance is verified using mechanical gauges positioned on the flare of the horn.
- *E-field distribution:* The E-field is measured in two x-y-planes (10mm, 10mm +  $\lambda/4$ ) with a vectorial E-field probe. The E-field value stated as calibration value represents the E-field-maxima and the averaged (1cm<sup>2</sup> and 4cm<sup>2</sup>) power density values at 10mm in front of the horn.
- *Field polarization:* Above the open horn, linear polarization of the field is expected. This is verified graphically in the field representation.

## Calibrated Quantity

- Local peak E-field (V/m) and average of peak spatial components of the poynting vector (W/m<sup>2</sup>) averaged over the surface area of 1 cm<sup>2</sup> and 4cm<sup>2</sup> at the nominal operational frequency of the verification source. Both square and circular averaging results are listed.

The reported uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k=2, which for a normal distribution corresponds to a coverage probability of approximately 95%.

## Measurement Conditions

DASY system configuration, as far as not given on page 1.

|                                       |                               |      |
|---------------------------------------|-------------------------------|------|
| <b>DASY Version</b>                   | DASY8 Module mmWave           | V3.2 |
| <b>Phantom</b>                        | 5G Phantom                    |      |
| <b>Distance Horn Aperture - plane</b> | 10 mm                         |      |
| <b>Number of measured planes</b>      | 2 (10mm, 10mm + $\lambda/4$ ) |      |
| <b>Frequency</b>                      | 10.0 GHz $\pm$ 10 MHz         |      |

## Calibration Parameters, 10 GHz

### Circular Averaging

| Distance Horn Aperture to Measurement Plane | Prad <sup>1</sup> (mW) | Max E-field (V/m) | Uncertainty (k = 2) | Avg Power Density<br>Avg ( psPDn+, psPDtot+, psPDmod+ )<br>(W/m <sup>2</sup> ) |                  | Uncertainty (k = 2) |
|---------------------------------------------|------------------------|-------------------|---------------------|--------------------------------------------------------------------------------|------------------|---------------------|
|                                             |                        |                   |                     | 1cm <sup>2</sup>                                                               | 4cm <sup>2</sup> |                     |
| 10 mm                                       | 93.3                   | 152               | 1.27 dB             | 60.2                                                                           | 55.9             | 1.28 dB             |

| Distance Horn Aperture to Measurement Plane | Prad <sup>1</sup> (mW) | Max E-field (V/m) | Uncertainty (k = 2) | Power Density<br>psPDn+, psPDtot+, psPDmod+<br>(W/m <sup>2</sup> ) |                  | Uncertainty (k = 2) |
|---------------------------------------------|------------------------|-------------------|---------------------|--------------------------------------------------------------------|------------------|---------------------|
|                                             |                        |                   |                     | 1cm <sup>2</sup>                                                   | 4cm <sup>2</sup> |                     |
| 10 mm                                       | 93.3                   | 152               | 1.27 dB             | 60.0, 60.2, 60.4                                                   | 55.6, 56.0, 56.2 | 1.28 dB             |

### Square Averaging

| Distance Horn Aperture to Measurement Plane | Prad <sup>1</sup> (mW) | Max E-field (V/m) | Uncertainty (k = 2) | Avg Power Density<br>Avg ( psPDn+, psPDtot+, psPDmod+ )<br>(W/m <sup>2</sup> ) |                  | Uncertainty (k = 2) |
|---------------------------------------------|------------------------|-------------------|---------------------|--------------------------------------------------------------------------------|------------------|---------------------|
|                                             |                        |                   |                     | 1cm <sup>2</sup>                                                               | 4cm <sup>2</sup> |                     |
| 10 mm                                       | 93.3                   | 152               | 1.27 dB             | 60.2                                                                           | 55.8             | 1.28 dB             |

| Distance Horn Aperture to Measurement Plane | Prad <sup>1</sup> (mW) | Max E-field (V/m) | Uncertainty (k = 2) | Power Density<br>psPDn+, psPDtot+, psPDmod+<br>(W/m <sup>2</sup> ) |                  | Uncertainty (k = 2) |
|---------------------------------------------|------------------------|-------------------|---------------------|--------------------------------------------------------------------|------------------|---------------------|
|                                             |                        |                   |                     | 1cm <sup>2</sup>                                                   | 4cm <sup>2</sup> |                     |
| 10 mm                                       | 93.3                   | 152               | 1.27 dB             | 60.0, 60.2, 60.4                                                   | 55.5, 55.9, 56.1 | 1.28 dB             |

### Max Power Density

| Distance Horn Aperture to Measurement Plane | Prad <sup>1</sup> (mW) | Max E-field (V/m) | Uncertainty (k = 2) | Max Power Density<br>Sn, Stot,  Stot <br>(W/m <sup>2</sup> ) | Uncertainty (k = 2) |
|---------------------------------------------|------------------------|-------------------|---------------------|--------------------------------------------------------------|---------------------|
| 10 mm                                       | 93.3                   | 152               | 1.27 dB             | 61.6, 61.7, 61.9                                             | 1.28 dB             |

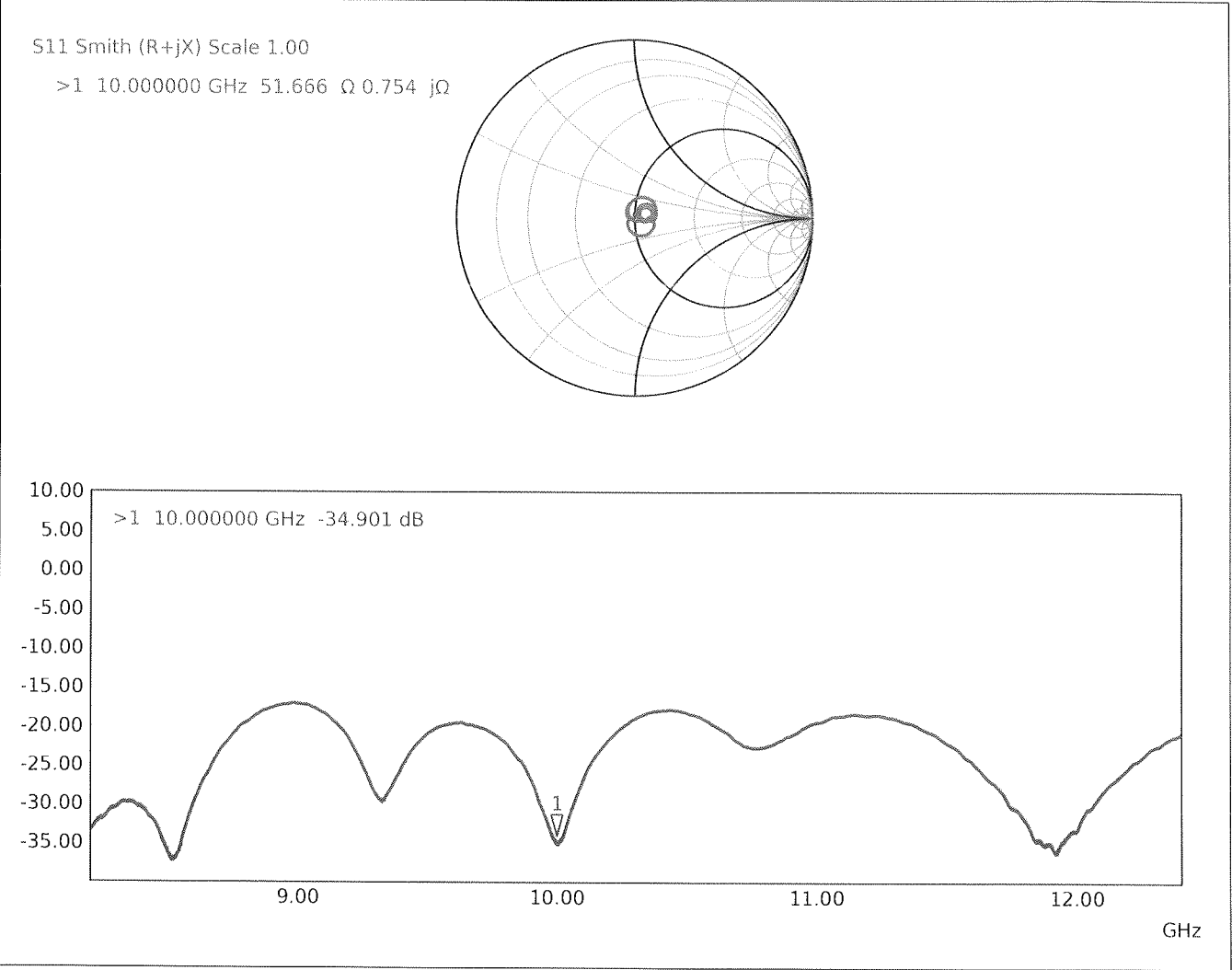
<sup>1</sup> Assessed ohmic and mismatch loss plus numerical offset: 0.30 dB

Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters

|                                      |                 |
|--------------------------------------|-----------------|
| Impedance, transformed to feed point | 51.7 Ω + 0.8 jΩ |
| Return Loss                          | -34.9 dB        |

Impedance Measurement Plot



DASY Report

Measurement Report for 5G Verification Source 10 GHz, UID 0 -, Channel 10000.0 (10000.0 MHz)

Device Under Test Properties

| Model, Manufacturer           | Dimensions [mm]       | IMEI     | DUT Type |
|-------------------------------|-----------------------|----------|----------|
| 5G Verification Source 10 GHz | 100.0 x 100.0 x 172.0 | SN: 1025 | -        |

Exposure Conditions

| Phantom Section | Position, Test Distance [mm] | Band            | Group, UID | Frequency [MHz], Channel Number | Conversion Factor |
|-----------------|------------------------------|-----------------|------------|---------------------------------|-------------------|
| 5G -            | 10.0 mm                      | Validation band | CW, 0--    | 10000.0,10000                   | 1.0               |

Hardware Setup

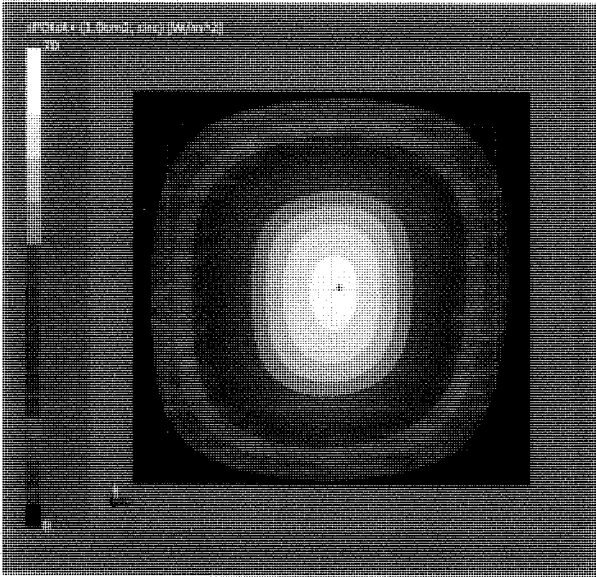
| Phantom          | Medium | Probe, Calibration Date               | DAE, Calibration Date       |
|------------------|--------|---------------------------------------|-----------------------------|
| mmWave Phantom - | Air -  | EUmmWV3 - SN9374_F1-55GHz, 2024-08-28 | DAE4ip - SN1602, 2024-11-06 |

Scans Setup

|                     |               |
|---------------------|---------------|
| Sensor Surface [mm] | 10.0          |
| MAIA                | MAIA not used |

Measurement Results

|                                 |                    |
|---------------------------------|--------------------|
| Scan Type                       | 5G Scan            |
| Date                            | 2025-01-14         |
| Avg. Area [cm <sup>2</sup> ]    | 1.00               |
| Avg. Type                       | Circular Averaging |
| psPDn+ [W/m <sup>2</sup> ]      | 60.0               |
| psPDtot+ [W/m <sup>2</sup> ]    | 60.2               |
| psPDmod+ [W/m <sup>2</sup> ]    | 60.4               |
| Max(Sn) [W/m <sup>2</sup> ]     | 61.6               |
| Max(Stot) [W/m <sup>2</sup> ]   | 61.7               |
| Max( Stot ) [W/m <sup>2</sup> ] | 61.9               |
| E <sub>max</sub> [V/m]          | 152                |
| Power Drift [dB]                | 0.01               |



DASY Report

Measurement Report for 5G Verification Source 10 GHz, UID 0 --, Channel 10000.0 (10000.0 MHz)

Device Under Test Properties

| Model, Manufacturer           | Dimensions [mm]       | IMEI     | DUT Type |
|-------------------------------|-----------------------|----------|----------|
| 5G Verification Source 10 GHz | 100.0 x 100.0 x 172.0 | SN: 1025 | -        |

Exposure Conditions

| Phantom Section | Position, Test Distance [mm] | Band            | Group, UID | Frequency [MHz], Channel Number | Conversion Factor |
|-----------------|------------------------------|-----------------|------------|---------------------------------|-------------------|
| 5G --           | 10.0 mm                      | Validation band | CW, 0--    | 10000.0,10000                   | 1.0               |

Hardware Setup

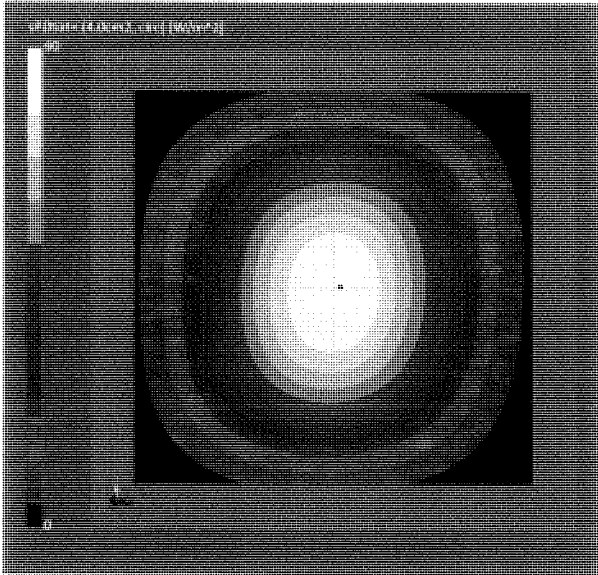
| Phantom           | Medium | Probe, Calibration Date                 | DAE, Calibration Date        |
|-------------------|--------|-----------------------------------------|------------------------------|
| mmWave Phantom -- | Air -- | EUmmWV3 -- SN9374_F1--55GHz, 2024-08-28 | DAE4ip -- SN1602, 2024-11-06 |

Scans Setup

|                     |               |
|---------------------|---------------|
| Sensor Surface [mm] | 10.0          |
| MAIA                | MAIA not used |

Measurement Results

|                                 |                    |
|---------------------------------|--------------------|
| Scan Type                       | 5G Scan            |
| Date                            | 2025-01-14         |
| Avg. Area [cm <sup>2</sup> ]    | 4.00               |
| Avg. Type                       | Circular Averaging |
| psPDn+ [W/m <sup>2</sup> ]      | 55.6               |
| psPDtot+ [W/m <sup>2</sup> ]    | 56.0               |
| psPDmod+ [W/m <sup>2</sup> ]    | 56.2               |
| Max(Sn) [W/m <sup>2</sup> ]     | 61.6               |
| Max(Stot) [W/m <sup>2</sup> ]   | 61.7               |
| Max(IStotI) [W/m <sup>2</sup> ] | 61.9               |
| E <sub>max</sub> [V/m]          | 152                |
| Power Drift [dB]                | 0.01               |



DASY Report

Measurement Report for 5G Verification Source 10 GHz, UID 0 –, Channel 10000.0 (10000.0 MHz)

Device Under Test Properties

| Model, Manufacturer           | Dimensions [mm]       | IMEI     | DUT Type |
|-------------------------------|-----------------------|----------|----------|
| 5G Verification Source 10 GHz | 100.0 x 100.0 x 172.0 | SN: 1025 | –        |

Exposure Conditions

| Phantom Section | Position, Test Distance [mm] | Band            | Group, UID | Frequency [MHz], Channel Number | Conversion Factor |
|-----------------|------------------------------|-----------------|------------|---------------------------------|-------------------|
| 5G –            | 10.0 mm                      | Validation band | CW, 0–     | 10000.0,10000                   | 1.0               |

Hardware Setup

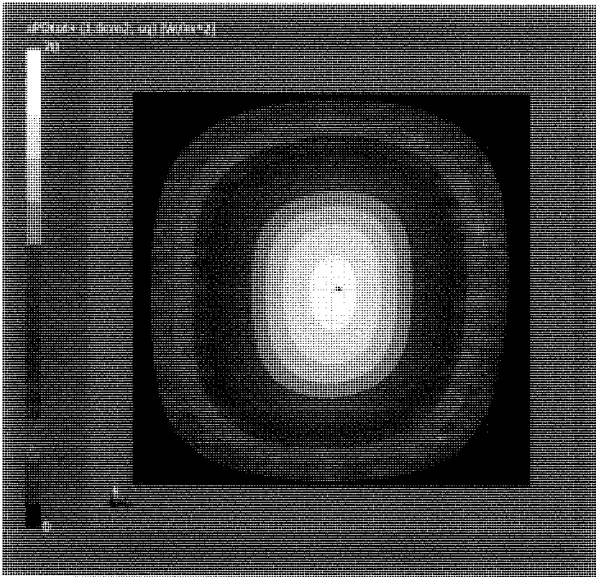
| Phantom          | Medium | Probe, Calibration Date               | DAE, Calibration Date       |
|------------------|--------|---------------------------------------|-----------------------------|
| mmWave Phantom – | Air –  | EUmmWV3 – SN9374_F1–55GHz, 2024–08–28 | DAE4ip – SN1602, 2024–11–06 |

Scans Setup

|                     |               |
|---------------------|---------------|
| Sensor Surface [mm] | 10.0          |
| MAIA                | MAIA not used |

Measurement Results

|                                 |                  |
|---------------------------------|------------------|
| Scan Type                       | 5G Scan          |
| Date                            | 2025–01–14       |
| Avg. Area [cm <sup>2</sup> ]    | 1.00             |
| Avg. Type                       | Square Averaging |
| psPDn+ [W/m <sup>2</sup> ]      | 60.0             |
| psPDtot+ [W/m <sup>2</sup> ]    | 60.2             |
| psPDmod+ [W/m <sup>2</sup> ]    | 60.4             |
| Max(Sn) [W/m <sup>2</sup> ]     | 61.6             |
| Max(Stot) [W/m <sup>2</sup> ]   | 61.7             |
| Max( Stot ) [W/m <sup>2</sup> ] | 61.9             |
| E <sub>max</sub> [V/m]          | 152              |
| Power Drift [dB]                | 0.01             |



DASY Report

Measurement Report for 5G Verification Source 10 GHz, UID 0 --, Channel 10000.0 (10000.0 MHz)

Device Under Test Properties

| Model, Manufacturer           | Dimensions [mm]       | IMEI     | DUT Type |
|-------------------------------|-----------------------|----------|----------|
| 5G Verification Source 10 GHz | 100.0 x 100.0 x 172.0 | SN: 1025 | --       |

Exposure Conditions

| Phantom Section | Position, Test Distance [mm] | Band            | Group, UID | Frequency [MHz], Channel Number | Conversion Factor |
|-----------------|------------------------------|-----------------|------------|---------------------------------|-------------------|
| 5G --           | 10.0 mm                      | Validation band | CW, 0--    | 10000.0,10000                   | 1.0               |

Hardware Setup

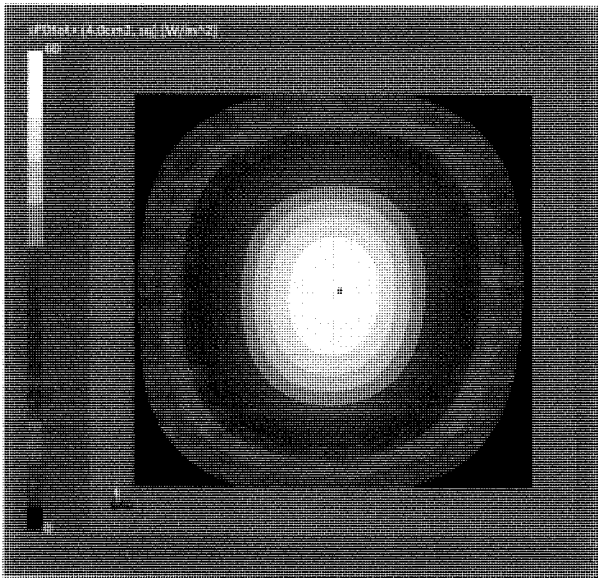
| Phantom           | Medium | Probe, Calibration Date               | DAE, Calibration Date       |
|-------------------|--------|---------------------------------------|-----------------------------|
| mmWave Phantom -- | Air -- | EUmmWV3 - SN9374_F1-55GHz, 2024-08-28 | DAE4ip - SN1602, 2024-11-06 |

Scans Setup

|                     |               |
|---------------------|---------------|
| Sensor Surface [mm] | 10.0          |
| MAIA                | MAIA not used |

Measurement Results

|                                 |                  |
|---------------------------------|------------------|
| Scan Type                       | 5G Scan          |
| Date                            | 2025-01-14       |
| Avg. Area [cm <sup>2</sup> ]    | 4.00             |
| Avg. Type                       | Square Averaging |
| psPDn+ [W/m <sup>2</sup> ]      | 55.5             |
| psPDtot+ [W/m <sup>2</sup> ]    | 55.9             |
| psPDmod+ [W/m <sup>2</sup> ]    | 56.1             |
| Max(Sn) [W/m <sup>2</sup> ]     | 61.6             |
| Max(Stot) [W/m <sup>2</sup> ]   | 61.7             |
| Max( Stot ) [W/m <sup>2</sup> ] | 61.9             |
| E <sub>max</sub> [V/m]          | 152              |
| Power Drift [dB]                | 0.01             |





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Accreditation No.: SCS 0108

Client

B.V. ADT  
Taoyuan City

Certificate No.

EX-7720\_Mar25

## CALIBRATION CERTIFICATE

Object EX3DV4 - SN:7720

Calibration procedure(s) QA CAL-01.v10, QA CAL-12.v10, QA CAL-14.v7, QA CAL-23.v6,  
QA CAL-25.v8  
Calibration procedure for dosimetric E-field probes

Calibration date March 18, 2025

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).  
The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature  $(22 \pm 3)^\circ\text{C}$  and humidity  $< 70\%$ .

Calibration Equipment used (M&TE critical for calibration)

| Primary Standards                    | ID         | Calibration Date (Certificate No.)     | Sched. Cal. |
|--------------------------------------|------------|----------------------------------------|-------------|
| Power Sensor R&S NRP-33T             | SN: 100967 | 28-Mar-24 (No. 217-04038)              | Mar-25      |
| Short [S6019i] + Attenuator [S6020i] | SN: L1119  | 26-Mar-24 (No. 217-04048)              | Mar-25      |
| OCP DAK-12                           | SN: 1016   | 24-Sept-24 (No. OCP-DAK12-1016_Sep24)  | Sep-25      |
| OCP DAK-3.5                          | SN: 1249   | 23-Sept-24 (No. OCP-DAK3.5-1249_Sep24) | Sep-25      |
| Reference Probe EX3DV4               | SN: 7349   | 10-Jan-25 (No. EX3-7349_Jan25)         | Jan-26      |
| DAE4                                 | SN: 1301   | 07-Nov-24 (No. DAE4-1301_Nov24)        | Nov-25      |

| Secondary Standards       | ID        | Check Date (in house)                            | Sched. Check |
|---------------------------|-----------|--------------------------------------------------|--------------|
| ACAP 2020 Calibration Box | SN: L1404 | 30-Sept-24 (No. Report_ACAP2020E-Cave_20240930s) | Sep-25       |

|               | Name               | Function              | Signature |
|---------------|--------------------|-----------------------|-----------|
| Calibrated by | Aidonia Georgiadou | Laboratory Technician |           |
| Approved by   | Sven Kühn          | Technical Manager     |           |

Issued: March 19, 2025

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.

## Calibration Laboratory of

Schmid & Partner  
Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland



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## Glossary

|                          |                                                                                                                                                      |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| TSL                      | tissue simulating liquid                                                                                                                             |
| NORM <sub>x,y,z</sub>    | sensitivity in free space                                                                                                                            |
| ConvF                    | sensitivity in TSL / NORM <sub>x,y,z</sub>                                                                                                           |
| DCP                      | diode compression point                                                                                                                              |
| CF                       | crest factor (1/duty_cycle) of the RF signal                                                                                                         |
| A, B, C, D               | modulation dependent linearization parameters                                                                                                        |
| Polarization $\varphi$   | $\varphi$ rotation around probe axis                                                                                                                 |
| Polarization $\vartheta$ | $\vartheta$ rotation around an axis that is in the plane normal to probe axis (at measurement center), i.e., $\vartheta = 0$ is normal to probe axis |
| Connector Angle          | information used in DASY system to align probe sensor X to the robot coordinate system                                                               |

## Calibration is Performed According to the Following Standards:

- IEC/IEEE 62209-1528, "Measurement Procedure For The Assessment Of Specific Absorption Rate Of Human Exposure To Radio Frequency Fields From Hand-Held And Body-Worn Wireless Communication Devices – Part 1528: Human Models, Instrumentation And Procedures (Frequency Range of 4 MHz to 10 GHz)", October 2020.
- KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

## Methods Applied and Interpretation of Parameters:

- NORM<sub>x,y,z</sub>**: Assessed for E-field polarization  $\vartheta = 0$  ( $f \leq 900$  MHz in TEM-cell;  $f > 1800$  MHz: R22 waveguide). NORM<sub>x,y,z</sub> are only intermediate values, i.e., the uncertainties of NORM<sub>x,y,z</sub> does not affect the E<sup>2</sup>-field uncertainty inside TSL (see below ConvF).
- NORM(*f*)<sub>x,y,z</sub>** = NORM<sub>x,y,z</sub> \* frequency\_response (see Frequency Response Chart). This linearization is implemented in DASY4 software versions later than 4.2. The uncertainty of the frequency response is included in the stated uncertainty of ConvF.
- DCP<sub>x,y,z</sub>**: DCP are numerical linearization parameters assessed based on the data of power sweep with CW signal. DCP does not depend on frequency nor media.
- PAR**: PAR is the Peak to Average Ratio that is not calibrated but determined based on the signal characteristics
- A<sub>x,y,z</sub>; B<sub>x,y,z</sub>; C<sub>x,y,z</sub>; D<sub>x,y,z</sub>; VR<sub>x,y,z</sub>**: A, B, C, D are numerical linearization parameters assessed based on the data of power sweep for specific modulation signal. The parameters do not depend on frequency nor media. VR is the maximum calibration range expressed in RMS voltage across the diode.
- ConvF and Boundary Effect Parameters**: Assessed in flat phantom using E-field (or Temperature Transfer Standard for  $f \leq 800$  MHz) and inside waveguide using analytical field distributions based on power measurements for  $f > 800$  MHz. The same setups are used for assessment of the parameters applied for boundary compensation (alpha, depth) of which typical uncertainty values are given. These parameters are used in DASY4 software to improve probe accuracy close to the boundary. The sensitivity in TSL corresponds to NORM<sub>x,y,z</sub> \* ConvF whereby the uncertainty corresponds to that given for ConvF. A frequency dependent ConvF is used in DASY version 4.4 and higher which allows extending the validity from  $\pm 50$  MHz to  $\pm 100$  MHz.
- Spherical isotropy (3D deviation from isotropy)**: in a field of low gradients realized using a flat phantom exposed by a patch antenna.
- Sensor Offset**: The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis). No tolerance required.
- Connector Angle**: The angle is assessed using the information gained by determining the NORM<sub>x</sub> (no uncertainty required).

## Parameters of Probe: EX3DV4 - SN:7720

### Basic Calibration Parameters

|                                                           | Sensor X | Sensor Y | Sensor Z | Unc ( $k = 2$ ) |
|-----------------------------------------------------------|----------|----------|----------|-----------------|
| Norm ( $\mu\text{V}/(\text{V}/\text{m})^2$ ) <sup>A</sup> | 0.57     | 0.60     | 0.63     | $\pm 10.1\%$    |
| DCP (mV) <sup>B</sup>                                     | 106.7    | 103.7    | 104.1    | $\pm 4.7\%$     |

### Calibration Results for Modulation Response

| UID   | Communication System Name   |   | A<br>dB | B<br>$\text{dB}\sqrt{\mu\text{V}}$ | C     | D<br>dB | VR<br>mV | Max<br>dev. | Max<br>Unc <sup>E</sup><br>$k = 2$ |
|-------|-----------------------------|---|---------|------------------------------------|-------|---------|----------|-------------|------------------------------------|
| 0     | CW                          | X | 0.00    | 0.00                               | 1.00  | 0.00    | 140.8    | $\pm 2.4\%$ | $\pm 4.7\%$                        |
|       |                             | Y | 0.00    | 0.00                               | 1.00  |         | 148.2    |             |                                    |
|       |                             | Z | 0.00    | 0.00                               | 1.00  |         | 142.6    |             |                                    |
| 10352 | Pulse Waveform (200Hz, 10%) | X | 1.62    | 61.02                              | 6.57  | 10.00   | 60.0     | $\pm 3.3\%$ | $\pm 9.6\%$                        |
|       |                             | Y | 1.52    | 60.58                              | 6.37  |         | 60.0     |             |                                    |
|       |                             | Z | 2.00    | 62.00                              | 7.00  |         | 60.0     |             |                                    |
| 10353 | Pulse Waveform (200Hz, 20%) | X | 46.00   | 80.00                              | 11.00 | 6.99    | 80.0     | $\pm 2.2\%$ | $\pm 9.6\%$                        |
|       |                             | Y | 8.00    | 72.00                              | 9.00  |         | 80.0     |             |                                    |
|       |                             | Z | 20.00   | 74.00                              | 9.00  |         | 80.0     |             |                                    |
| 10354 | Pulse Waveform (200Hz, 40%) | X | 24.00   | 72.00                              | 7.00  | 3.98    | 95.0     | $\pm 2.3\%$ | $\pm 9.6\%$                        |
|       |                             | Y | 0.00    | 122.59                             | 0.67  |         | 95.0     |             |                                    |
|       |                             | Z | 0.04    | 129.54                             | 0.57  |         | 95.0     |             |                                    |
| 10355 | Pulse Waveform (200Hz, 60%) | X | 9.49    | 119.84                             | 1.89  | 2.22    | 120.0    | $\pm 1.5\%$ | $\pm 9.6\%$                        |
|       |                             | Y | 16.57   | 124.76                             | 11.15 |         | 120.0    |             |                                    |
|       |                             | Z | 6.56    | 159.93                             | 16.97 |         | 120.0    |             |                                    |
| 10387 | QPSK Waveform, 1 MHz        | X | 0.56    | 65.72                              | 14.05 | 1.00    | 150.0    | $\pm 3.5\%$ | $\pm 9.6\%$                        |
|       |                             | Y | 0.61    | 63.70                              | 12.26 |         | 150.0    |             |                                    |
|       |                             | Z | 0.49    | 62.48                              | 11.89 |         | 150.0    |             |                                    |
| 10388 | QPSK Waveform, 10 MHz       | X | 1.42    | 67.76                              | 14.76 | 0.00    | 150.0    | $\pm 1.0\%$ | $\pm 9.6\%$                        |
|       |                             | Y | 1.38    | 65.38                              | 13.78 |         | 150.0    |             |                                    |
|       |                             | Z | 1.27    | 65.17                              | 13.51 |         | 150.0    |             |                                    |
| 10396 | 64-QAM Waveform, 100 kHz    | X | 1.75    | 65.21                              | 16.20 | 3.01    | 150.0    | $\pm 1.1\%$ | $\pm 9.6\%$                        |
|       |                             | Y | 1.66    | 63.98                              | 15.61 |         | 150.0    |             |                                    |
|       |                             | Z | 1.59    | 63.52                              | 15.51 |         | 150.0    |             |                                    |
| 10399 | 64-QAM Waveform, 40 MHz     | X | 2.84    | 66.97                              | 15.47 | 0.00    | 150.0    | $\pm 1.7\%$ | $\pm 9.6\%$                        |
|       |                             | Y | 2.87    | 66.04                              | 14.99 |         | 150.0    |             |                                    |
|       |                             | Z | 2.76    | 65.92                              | 14.93 |         | 150.0    |             |                                    |
| 10414 | WLAN CCDF, 64-QAM, 40 MHz   | X | 3.75    | 66.49                              | 15.47 | 0.00    | 150.0    | $\pm 2.9\%$ | $\pm 9.6\%$                        |
|       |                             | Y | 3.89    | 65.74                              | 15.20 |         | 150.0    |             |                                    |
|       |                             | Z | 3.87    | 66.33                              | 15.43 |         | 150.0    |             |                                    |

Note: For details on UID parameters see Appendix

The reported uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor  $k=2$ , which for a normal distribution corresponds to a coverage probability of approximately 95%.

<sup>A</sup> The uncertainties of Norm X,Y,Z do not affect the  $E^2$ -field uncertainty inside TSL (see Pages 5 and 6).

<sup>B</sup> Linearization parameter uncertainty for maximum specified field strength.

<sup>E</sup> Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.

## Parameters of Probe: EX3DV4 - SN:7720

### Sensor Model Parameters

|   | C1<br>fF | C2<br>fF | $\alpha$<br>$V^{-1}$ | T1<br>$ms V^{-2}$ | T2<br>$ms V^{-1}$ | T3<br>ms | T4<br>$V^{-2}$ | T5<br>$V^{-1}$ | T6   |
|---|----------|----------|----------------------|-------------------|-------------------|----------|----------------|----------------|------|
| x | 8.2      | 58.53    | 32.58                | 3.31              | 0.00              | 4.90     | 0.55           | 0.00           | 1.00 |
| y | 10.9     | 80.06    | 34.11                | 1.19              | 0.00              | 4.90     | 0.41           | 0.00           | 1.00 |
| z | 9.2      | 67.49    | 34.09                | 1.87              | 0.00              | 4.90     | 0.28           | 0.00           | 1.00 |

### Other Probe Parameters

|                                               |            |
|-----------------------------------------------|------------|
| Sensor Arrangement                            | Triangular |
| Connector Angle                               | -71.5°     |
| Mechanical Surface Detection Mode             | enabled    |
| Optical Surface Detection Mode                | disabled   |
| Probe Overall Length                          | 337 mm     |
| Probe Body Diameter                           | 10 mm      |
| Tip Length                                    | 9 mm       |
| Tip Diameter                                  | 2.5 mm     |
| Probe Tip to Sensor X Calibration Point       | 1 mm       |
| Probe Tip to Sensor Y Calibration Point       | 1 mm       |
| Probe Tip to Sensor Z Calibration Point       | 1 mm       |
| Recommended Measurement Distance from Surface | 1.4 mm     |

**Note:** Measurement distance from surface can be increased to 3–4 mm for an *Area Scan* job.

## Parameters of Probe: EX3DV4 - SN:7720

### Calibration Parameter Determined in HSL

| f (MHz) <sup>C</sup> | Relative Permittivity <sup>F</sup> | Conductivity <sup>F</sup> (S/m) | ConvF X | ConvF Y | ConvF Z | Alpha <sup>G</sup> | Depth <sup>G</sup> (mm) | Unc <sup>H</sup> (k = 2) |
|----------------------|------------------------------------|---------------------------------|---------|---------|---------|--------------------|-------------------------|--------------------------|
| 750                  | 41.9                               | 0.89                            | 8.88    | 9.60    | 8.66    | 0.35               | 1.27                    | ±11.0%                   |
| 835                  | 41.5                               | 0.90                            | 8.59    | 9.29    | 8.37    | 0.35               | 1.27                    | ±11.0%                   |
| 1750                 | 40.1                               | 1.37                            | 7.47    | 8.08    | 7.28    | 0.34               | 1.27                    | ±11.0%                   |
| 1900                 | 40.0                               | 1.40                            | 7.01    | 7.58    | 6.83    | 0.34               | 1.27                    | ±11.0%                   |
| 2000                 | 40.0                               | 1.40                            | 7.00    | 7.57    | 6.82    | 0.34               | 1.27                    | ±11.0%                   |
| 2300                 | 39.5                               | 1.67                            | 6.87    | 7.43    | 6.70    | 0.34               | 1.27                    | ±11.0%                   |
| 2450                 | 39.2                               | 1.80                            | 6.76    | 7.31    | 6.59    | 0.34               | 1.27                    | ±11.0%                   |
| 2600                 | 39.0                               | 1.96                            | 6.62    | 7.16    | 6.45    | 0.34               | 1.27                    | ±11.0%                   |
| 3300                 | 38.2                               | 2.71                            | 6.23    | 6.73    | 6.07    | 0.34               | 1.27                    | ±13.1%                   |
| 3500                 | 37.9                               | 2.91                            | 6.18    | 6.68    | 6.02    | 0.34               | 1.27                    | ±13.1%                   |
| 3700                 | 37.7                               | 3.12                            | 6.00    | 6.49    | 5.85    | 0.34               | 1.27                    | ±13.1%                   |
| 3900                 | 37.5                               | 3.32                            | 6.05    | 6.54    | 5.90    | 0.34               | 1.27                    | ±13.1%                   |
| 4100                 | 37.2                               | 3.53                            | 5.94    | 6.42    | 5.79    | 0.34               | 1.27                    | ±13.1%                   |
| 4200                 | 37.1                               | 3.63                            | 5.95    | 6.43    | 5.80    | 0.34               | 1.27                    | ±13.1%                   |
| 4400                 | 36.9                               | 3.84                            | 5.90    | 6.38    | 5.75    | 0.34               | 1.27                    | ±13.1%                   |
| 4600                 | 36.7                               | 4.04                            | 5.86    | 6.34    | 5.72    | 0.34               | 1.27                    | ±13.1%                   |
| 4800                 | 36.4                               | 4.25                            | 5.93    | 6.41    | 5.78    | 0.34               | 1.27                    | ±13.1%                   |
| 4950                 | 36.3                               | 4.40                            | 5.77    | 6.24    | 5.62    | 0.33               | 1.27                    | ±13.1%                   |
| 5250                 | 35.9                               | 4.71                            | 5.42    | 5.87    | 5.29    | 0.30               | 1.27                    | ±13.1%                   |
| 5600                 | 35.5                               | 5.07                            | 5.04    | 5.45    | 4.91    | 0.27               | 1.27                    | ±13.1%                   |
| 5800                 | 35.3                               | 5.27                            | 4.83    | 5.22    | 4.71    | 0.26               | 1.27                    | ±13.1%                   |

<sup>C</sup> Frequency validity above 300 MHz of ±100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ±50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ±10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Validity of ConvF assessed at 6 MHz is 4–9 MHz, and ConvF assessed at 13 MHz is 9–19 MHz. Above 5 GHz frequency validity can be extended to ±110 MHz.

<sup>F</sup> The probes are calibrated using tissue simulating liquids (TSL) that deviate for  $\epsilon$  and  $\sigma$  by less than ±5% from the target values (typically better than ±3%) and are valid for TSL with deviations of up to ±10% if SAR correction is applied.

<sup>G</sup> Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than ±1% for frequencies below 3 GHz and below ±2% for frequencies between 3–6 GHz at any distance larger than half the probe tip diameter from the boundary.

<sup>H</sup> The stated uncertainty is the total calibration uncertainty (k = 2) of Norm-ConvF. This is equivalent to the uncertainty component with the symbol CF in Table 9 of IEC/IEEE 62209-1528:2020.

## Parameters of Probe: EX3DV4 - SN:7720

### Calibration Parameter Determined in HSL

| f (MHz) <sup>C</sup> | Relative Permittivity <sup>F</sup> | Conductivity <sup>F</sup> (S/m) | ConvF X | ConvF Y | ConvF Z | Alpha <sup>G</sup> | Depth <sup>G</sup> (mm) | Unc <sup>H</sup> (k = 2) |
|----------------------|------------------------------------|---------------------------------|---------|---------|---------|--------------------|-------------------------|--------------------------|
| 6500                 | 34.5                               | 6.07                            | 5.13    | 5.55    | 5.00    | 0.20               | 1.27                    | ±18.6%                   |

<sup>C</sup> Frequency validity at 6.5 GHz is -600/+700 MHz, and ±700 MHz at or above 7 GHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band.

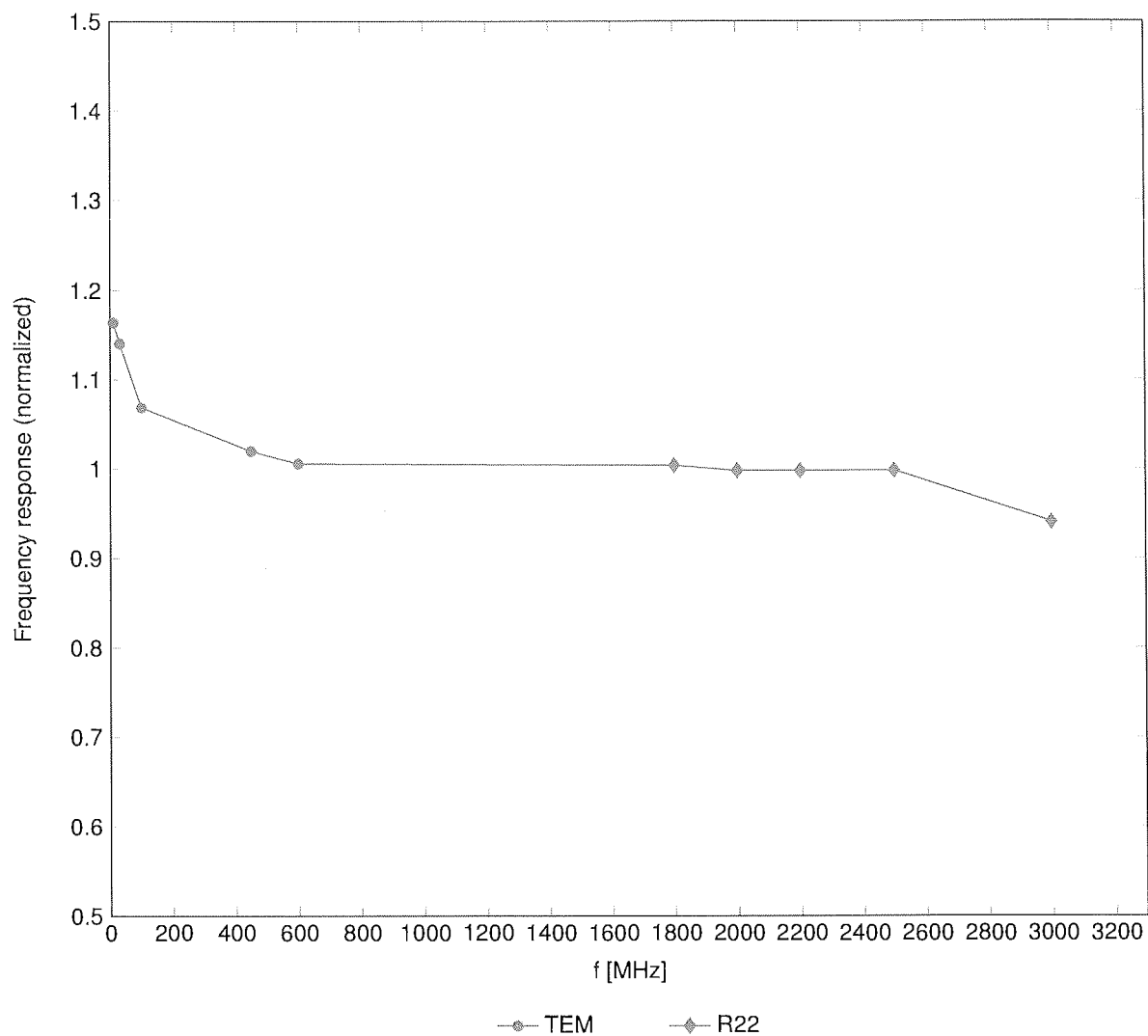
<sup>F</sup> The probes are calibrated using tissue simulating liquids (TSL) that deviate for  $\epsilon$  and  $\sigma$  by less than ±10% from the target values (typically better than ±6%) and are valid for TSL with deviations of up to ±10%.

<sup>G</sup> Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than ±1% for frequencies below 3 GHz; below ±2% for frequencies between 3–6 GHz; and below ±4% for frequencies between 6–10 GHz at any distance larger than half the probe tip diameter from the boundary.

<sup>H</sup> The stated uncertainty is the total calibration uncertainty (k = 2) of Norm-ConvF. This is equivalent to the uncertainty component with the symbol CF in Table 9 of IEC/IEEE 62209-1528:2020.

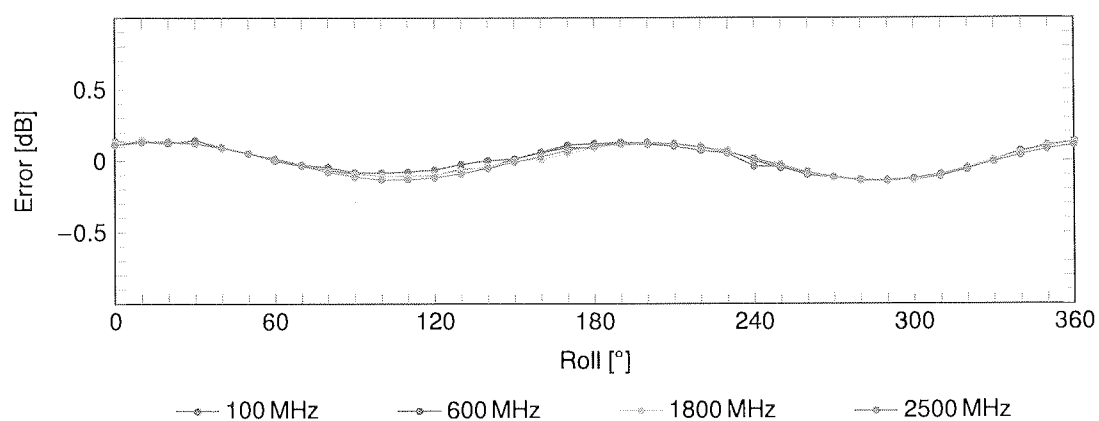
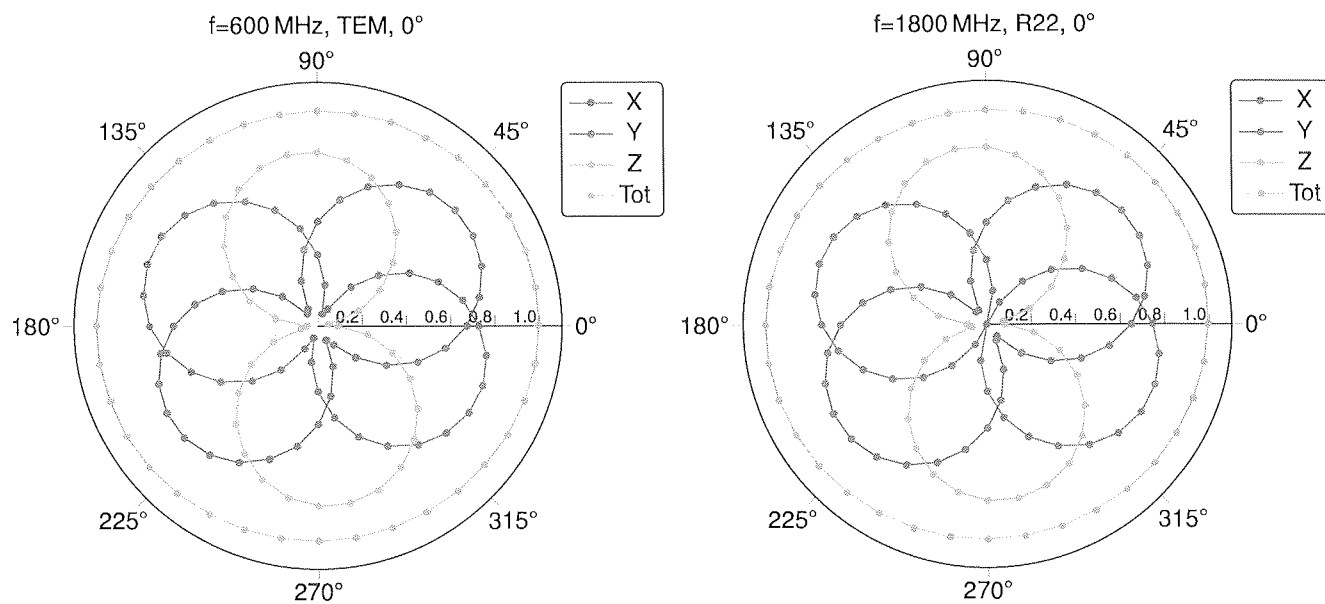
## Frequency Response of E-Field

(TEM-Cell:ifi110 EXX, Waveguide:R22)

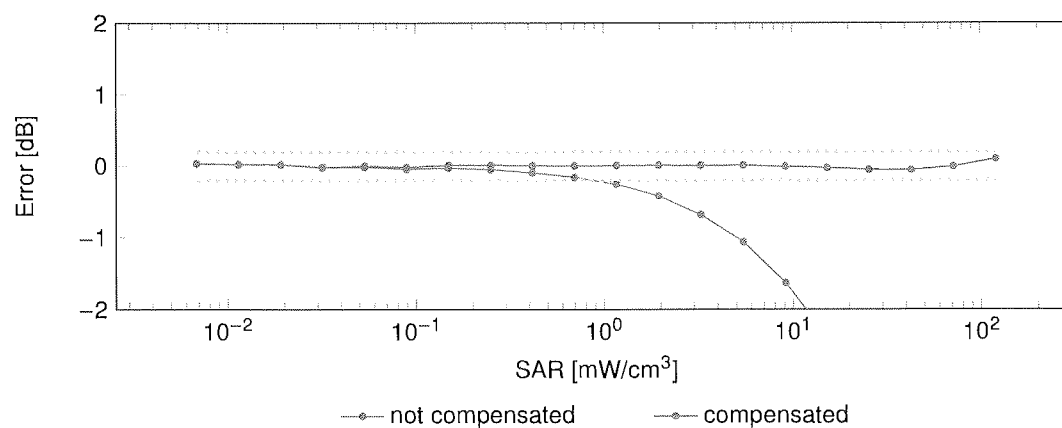
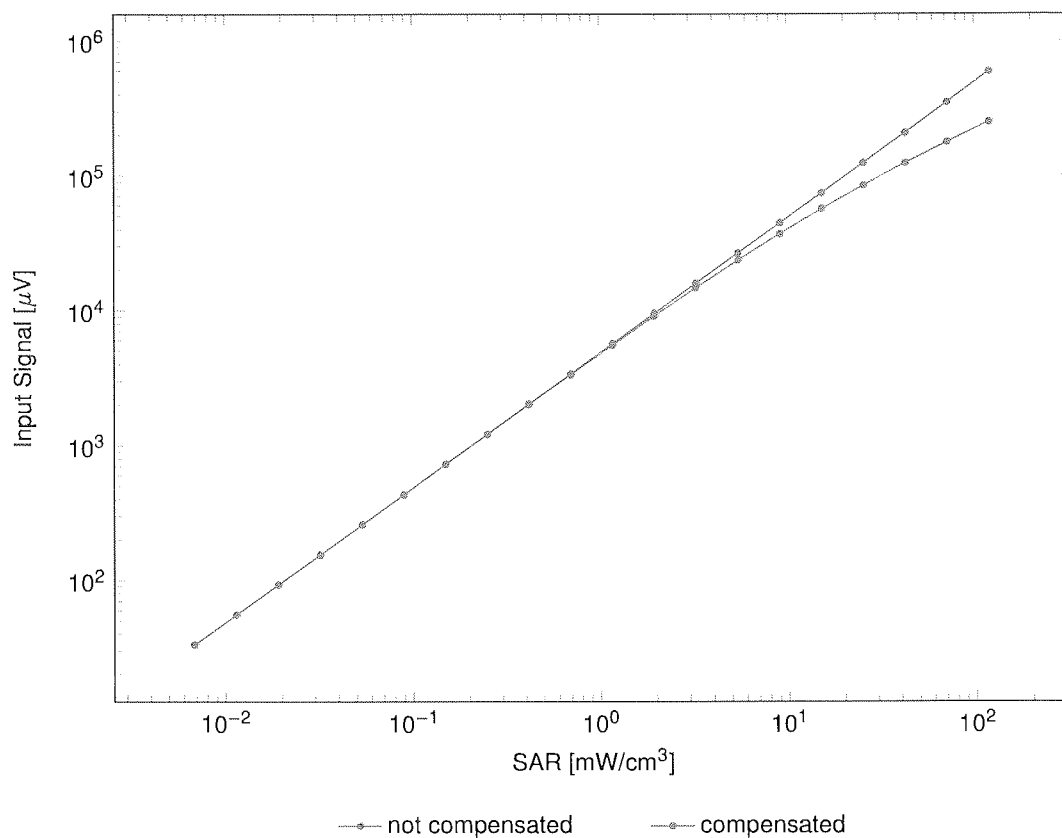


Uncertainty of Frequency Response of E-field:  $\pm 6.3\%$  ( $k=2$ )

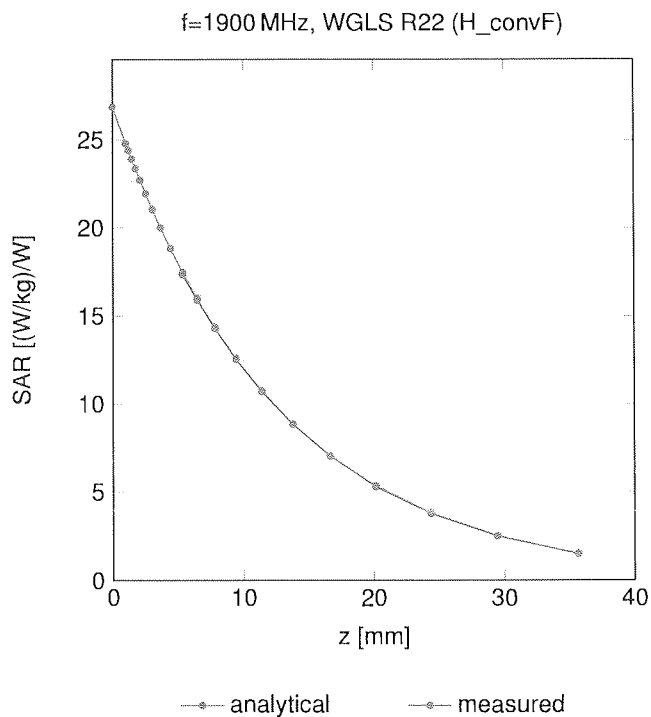
### Receiving Pattern ( $\phi$ ), $\vartheta = 0^\circ$



Uncertainty of Axial Isotropy Assessment:  $\pm 0.5\%$  ( $k=2$ )

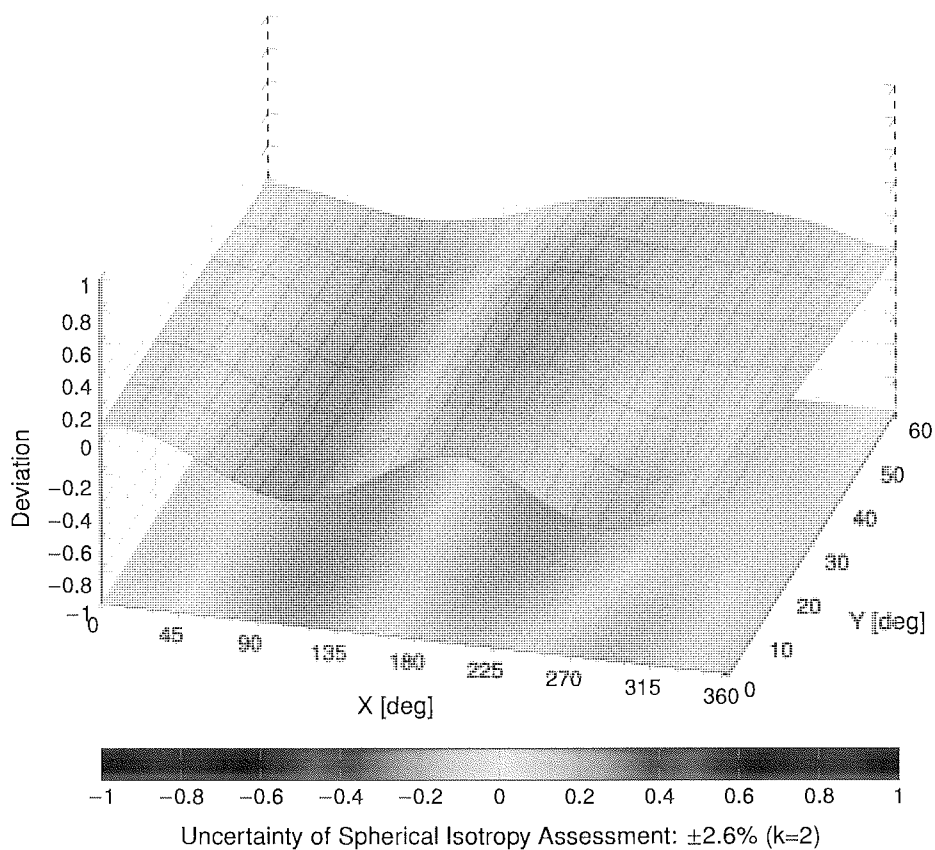
**Dynamic Range  $f(\text{SAR}_{\text{HSL}})$** (TEM cell,  $f_{\text{eval}} = 1900\text{MHz}$ )Uncertainty of Linearity Assessment:  $\pm 0.6\%$  ( $k=2$ )

## Conversion Factor Assessment



## Deviation from Isotropy in Liquid

Error ( $\phi, \theta$ ),  $f = 900\text{ MHz}$



## Appendix: Modulation Calibration Parameters

| UID   | Rev | Communication System Name                           | Group     | PAR (dB) | Unc <sup>E</sup> $k = 2$ |
|-------|-----|-----------------------------------------------------|-----------|----------|--------------------------|
| 0     |     | CW                                                  | CW        | 0.00     | ±4.7                     |
| 10010 | CAB | SAR Validation (Square, 100 ms, 10 ms)              | Test      | 10.00    | ±9.6                     |
| 10011 | CAC | UMTS-FDD (WCDMA)                                    | WCDMA     | 2.91     | ±9.6                     |
| 10012 | CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps)            | WLAN      | 1.87     | ±9.6                     |
| 10013 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps)       | WLAN      | 9.46     | ±9.6                     |
| 10021 | DAC | GSM-FDD (TDMA, GMSK)                                | GSM       | 9.39     | ±9.6                     |
| 10023 | DAC | GPRS-FDD (TDMA, GMSK, TN 0)                         | GSM       | 9.57     | ±9.6                     |
| 10024 | DAC | GPRS-FDD (TDMA, GMSK, TN 0-1)                       | GSM       | 6.56     | ±9.6                     |
| 10025 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0)                         | GSM       | 12.62    | ±9.6                     |
| 10026 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0-1)                       | GSM       | 9.55     | ±9.6                     |
| 10027 | DAC | GPRS-FDD (TDMA, GMSK, TN 0-1-2)                     | GSM       | 4.80     | ±9.6                     |
| 10028 | DAC | GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)                   | GSM       | 3.55     | ±9.6                     |
| 10029 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0-1-2)                     | GSM       | 7.78     | ±9.6                     |
| 10030 | CAA | IEEE 802.15.1 Bluetooth (GFSK, DH1)                 | Bluetooth | 5.30     | ±9.6                     |
| 10031 | CAA | IEEE 802.15.1 Bluetooth (GFSK, DH3)                 | Bluetooth | 1.87     | ±9.6                     |
| 10032 | CAA | IEEE 802.15.1 Bluetooth (GFSK, DH5)                 | Bluetooth | 1.16     | ±9.6                     |
| 10033 | CAA | IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)           | Bluetooth | 7.74     | ±9.6                     |
| 10034 | CAA | IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)           | Bluetooth | 4.53     | ±9.6                     |
| 10035 | CAA | IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5)           | Bluetooth | 3.83     | ±9.6                     |
| 10036 | CAA | IEEE 802.15.1 Bluetooth (8-DPSK, DH1)               | Bluetooth | 8.01     | ±9.6                     |
| 10037 | CAA | IEEE 802.15.1 Bluetooth (8-DPSK, DH3)               | Bluetooth | 4.77     | ±9.6                     |
| 10038 | CAA | IEEE 802.15.1 Bluetooth (8-DPSK, DH5)               | Bluetooth | 4.10     | ±9.6                     |
| 10039 | CAB | CDMA2000 (1xRTT, RC1)                               | CDMA2000  | 4.57     | ±9.6                     |
| 10042 | CAB | IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate) | AMPS      | 7.78     | ±9.6                     |
| 10044 | CAA | IS-91/EIA/TIA-553 FDD (FDMA, FM)                    | AMPS      | 0.00     | ±9.6                     |
| 10048 | CAA | DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)           | DECT      | 13.80    | ±9.6                     |
| 10049 | CAA | DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)         | DECT      | 10.79    | ±9.6                     |
| 10056 | CAA | UMTS-TDD (TD-SCDMA, 1.28 Mcps)                      | TD-SCDMA  | 11.01    | ±9.6                     |
| 10058 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)                   | GSM       | 6.52     | ±9.6                     |
| 10059 | CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)            | WLAN      | 2.12     | ±9.6                     |
| 10060 | CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps)          | WLAN      | 2.83     | ±9.6                     |
| 10061 | CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps)           | WLAN      | 3.60     | ±9.6                     |
| 10062 | CAE | IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)            | WLAN      | 8.68     | ±9.6                     |
| 10063 | CAE | IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)            | WLAN      | 8.63     | ±9.6                     |
| 10064 | CAE | IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)           | WLAN      | 9.09     | ±9.6                     |
| 10065 | CAE | IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)           | WLAN      | 9.00     | ±9.6                     |
| 10066 | CAE | IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps)           | WLAN      | 9.38     | ±9.6                     |
| 10067 | CAE | IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps)           | WLAN      | 10.12    | ±9.6                     |
| 10068 | CAE | IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps)           | WLAN      | 10.24    | ±9.6                     |
| 10069 | CAE | IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps)           | WLAN      | 10.56    | ±9.6                     |
| 10071 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)       | WLAN      | 9.83     | ±9.6                     |
| 10072 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps)      | WLAN      | 9.62     | ±9.6                     |
| 10073 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps)      | WLAN      | 9.94     | ±9.6                     |
| 10074 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps)      | WLAN      | 10.30    | ±9.6                     |
| 10075 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 36 Mbps)      | WLAN      | 10.77    | ±9.6                     |
| 10076 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps)      | WLAN      | 10.94    | ±9.6                     |
| 10077 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps)      | WLAN      | 11.00    | ±9.6                     |
| 10081 | CAB | CDMA2000 (1xRTT, RC3)                               | CDMA2000  | 3.97     | ±9.6                     |
| 10082 | CAB | IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate) | AMPS      | 4.77     | ±9.6                     |
| 10090 | DAC | GPRS-FDD (TDMA, GMSK, TN 0-4)                       | GSM       | 6.56     | ±9.6                     |
| 10097 | CAC | UMTS-FDD (HSDPA)                                    | WCDMA     | 3.98     | ±9.6                     |
| 10098 | CAC | UMTS-FDD (HSUPA, Subtest 2)                         | WCDMA     | 3.98     | ±9.6                     |
| 10099 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0-4)                       | GSM       | 9.55     | ±9.6                     |
| 10100 | CAF | LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)            | LTE-FDD   | 5.67     | ±9.6                     |
| 10101 | CAF | LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)          | LTE-FDD   | 6.42     | ±9.6                     |
| 10102 | CAF | LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)          | LTE-FDD   | 6.60     | ±9.6                     |
| 10103 | CAH | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)            | LTE-TDD   | 9.29     | ±9.6                     |
| 10104 | CAH | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)          | LTE-TDD   | 9.97     | ±9.6                     |
| 10105 | CAH | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)          | LTE-TDD   | 10.01    | ±9.6                     |
| 10108 | CAH | LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)            | LTE-FDD   | 5.80     | ±9.6                     |
| 10109 | CAH | LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)          | LTE-FDD   | 6.43     | ±9.6                     |
| 10110 | CAH | LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)             | LTE-FDD   | 5.75     | ±9.6                     |
| 10111 | CAH | LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)           | LTE-FDD   | 6.44     | ±9.6                     |

| UID   | Rev | Communication System Name                      | Group   | PAR (dB) | Unc <sup>E</sup> $k = 2$ |
|-------|-----|------------------------------------------------|---------|----------|--------------------------|
| 10112 | CAH | LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)     | LTE-FDD | 6.59     | ±9.6                     |
| 10113 | CAH | LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)      | LTE-FDD | 6.62     | ±9.6                     |
| 10114 | CAE | IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)  | WLAN    | 8.10     | ±9.6                     |
| 10115 | CAE | IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)  | WLAN    | 8.46     | ±9.6                     |
| 10116 | CAE | IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM) | WLAN    | 8.15     | ±9.6                     |
| 10117 | CAE | IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)       | WLAN    | 8.07     | ±9.6                     |
| 10118 | CAE | IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)       | WLAN    | 8.59     | ±9.6                     |
| 10119 | CAE | IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)      | WLAN    | 8.13     | ±9.6                     |
| 10140 | CAF | LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)     | LTE-FDD | 6.49     | ±9.6                     |
| 10141 | CAF | LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)     | LTE-FDD | 6.53     | ±9.6                     |
| 10142 | CAF | LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)        | LTE-FDD | 5.73     | ±9.6                     |
| 10143 | CAF | LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)      | LTE-FDD | 6.35     | ±9.6                     |
| 10144 | CAF | LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)      | LTE-FDD | 6.65     | ±9.6                     |
| 10145 | CAG | LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)      | LTE-FDD | 5.76     | ±9.6                     |
| 10146 | CAG | LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)    | LTE-FDD | 6.41     | ±9.6                     |
| 10147 | CAG | LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)    | LTE-FDD | 6.72     | ±9.6                     |
| 10149 | CAF | LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)      | LTE-FDD | 6.42     | ±9.6                     |
| 10150 | CAF | LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)      | LTE-FDD | 6.60     | ±9.6                     |
| 10151 | CAH | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)        | LTE-TDD | 9.28     | ±9.6                     |
| 10152 | CAH | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)      | LTE-TDD | 9.92     | ±9.6                     |
| 10153 | CAH | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)      | LTE-TDD | 10.05    | ±9.6                     |
| 10154 | CAH | LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)        | LTE-FDD | 5.75     | ±9.6                     |
| 10155 | CAH | LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)      | LTE-FDD | 6.43     | ±9.6                     |
| 10156 | CAH | LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)         | LTE-FDD | 5.79     | ±9.6                     |
| 10157 | CAH | LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)       | LTE-FDD | 6.49     | ±9.6                     |
| 10158 | CAH | LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)      | LTE-FDD | 6.62     | ±9.6                     |
| 10159 | CAH | LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)       | LTE-FDD | 6.56     | ±9.6                     |
| 10160 | CAF | LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)        | LTE-FDD | 5.82     | ±9.6                     |
| 10161 | CAF | LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)      | LTE-FDD | 6.43     | ±9.6                     |
| 10162 | CAF | LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)      | LTE-FDD | 6.58     | ±9.6                     |
| 10166 | CAG | LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)       | LTE-FDD | 5.46     | ±9.6                     |
| 10167 | CAG | LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)     | LTE-FDD | 6.21     | ±9.6                     |
| 10168 | CAG | LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)     | LTE-FDD | 6.79     | ±9.6                     |
| 10169 | CAF | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)          | LTE-FDD | 5.73     | ±9.6                     |
| 10170 | CAF | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)        | LTE-FDD | 6.52     | ±9.6                     |
| 10171 | AAF | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)        | LTE-FDD | 6.49     | ±9.6                     |
| 10172 | CAH | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)          | LTE-TDD | 9.21     | ±9.6                     |
| 10173 | CAH | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)        | LTE-TDD | 9.48     | ±9.6                     |
| 10174 | CAH | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)        | LTE-TDD | 10.25    | ±9.6                     |
| 10175 | CAH | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)          | LTE-FDD | 5.72     | ±9.6                     |
| 10176 | CAH | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)        | LTE-FDD | 6.52     | ±9.6                     |
| 10177 | CAJ | LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)           | LTE-FDD | 5.73     | ±9.6                     |
| 10178 | CAH | LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)         | LTE-FDD | 6.52     | ±9.6                     |
| 10179 | CAH | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)        | LTE-FDD | 6.50     | ±9.6                     |
| 10180 | CAH | LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)         | LTE-FDD | 6.50     | ±9.6                     |
| 10181 | CAF | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)          | LTE-FDD | 5.72     | ±9.6                     |
| 10182 | CAF | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)        | LTE-FDD | 6.52     | ±9.6                     |
| 10183 | AAE | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)        | LTE-FDD | 6.50     | ±9.6                     |
| 10184 | CAF | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)           | LTE-FDD | 5.73     | ±9.6                     |
| 10185 | CAF | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)         | LTE-FDD | 6.51     | ±9.6                     |
| 10186 | AAF | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)         | LTE-FDD | 6.50     | ±9.6                     |
| 10187 | CAG | LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)         | LTE-FDD | 5.73     | ±9.6                     |
| 10188 | CAG | LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)       | LTE-FDD | 6.52     | ±9.6                     |
| 10189 | AAG | LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)       | LTE-FDD | 6.50     | ±9.6                     |
| 10193 | CAE | IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)   | WLAN    | 8.09     | ±9.6                     |
| 10194 | CAE | IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)  | WLAN    | 8.12     | ±9.6                     |
| 10195 | CAE | IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)  | WLAN    | 8.21     | ±9.6                     |
| 10196 | CAE | IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)        | WLAN    | 8.10     | ±9.6                     |
| 10197 | CAE | IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)       | WLAN    | 8.13     | ±9.6                     |
| 10198 | CAE | IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)       | WLAN    | 8.27     | ±9.6                     |
| 10219 | CAE | IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)        | WLAN    | 8.03     | ±9.6                     |
| 10220 | CAE | IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)     | WLAN    | 8.13     | ±9.6                     |
| 10221 | CAE | IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)     | WLAN    | 8.27     | ±9.6                     |
| 10222 | CAE | IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)         | WLAN    | 8.06     | ±9.6                     |
| 10223 | CAE | IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)       | WLAN    | 8.48     | ±9.6                     |
| 10224 | CAE | IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)      | WLAN    | 8.08     | ±9.6                     |

| UID   | Rev | Communication System Name                                            | Group    | PAR (dB) | Unc <sup>E</sup> k = 2 |
|-------|-----|----------------------------------------------------------------------|----------|----------|------------------------|
| 10225 | CAC | UMTS-FDD (HSPA+)                                                     | WCDMA    | 5.97     | ±9.6                   |
| 10226 | CAC | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)                             | LTE-TDD  | 9.49     | ±9.6                   |
| 10227 | CAC | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)                             | LTE-TDD  | 10.26    | ±9.6                   |
| 10228 | CAC | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)                               | LTE-TDD  | 9.22     | ±9.6                   |
| 10229 | CAE | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)                               | LTE-TDD  | 9.48     | ±9.6                   |
| 10230 | CAE | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)                               | LTE-TDD  | 10.25    | ±9.6                   |
| 10231 | CAE | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)                                 | LTE-TDD  | 9.19     | ±9.6                   |
| 10232 | CAH | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)                               | LTE-TDD  | 9.48     | ±9.6                   |
| 10233 | CAH | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)                               | LTE-TDD  | 10.25    | ±9.6                   |
| 10234 | CAH | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)                                 | LTE-TDD  | 9.21     | ±9.6                   |
| 10235 | CAH | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)                              | LTE-TDD  | 9.48     | ±9.6                   |
| 10236 | CAH | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)                              | LTE-TDD  | 10.25    | ±9.6                   |
| 10237 | CAH | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)                                | LTE-TDD  | 9.21     | ±9.6                   |
| 10238 | CAG | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)                              | LTE-TDD  | 9.48     | ±9.6                   |
| 10239 | CAG | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)                              | LTE-TDD  | 10.25    | ±9.6                   |
| 10240 | CAG | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)                                | LTE-TDD  | 9.21     | ±9.6                   |
| 10241 | CAC | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)                           | LTE-TDD  | 9.82     | ±9.6                   |
| 10242 | CAC | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)                           | LTE-TDD  | 9.86     | ±9.6                   |
| 10243 | CAC | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)                             | LTE-TDD  | 9.46     | ±9.6                   |
| 10244 | CAE | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)                             | LTE-TDD  | 10.06    | ±9.6                   |
| 10245 | CAE | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)                             | LTE-TDD  | 10.06    | ±9.6                   |
| 10246 | CAE | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)                               | LTE-TDD  | 9.30     | ±9.6                   |
| 10247 | CAH | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)                             | LTE-TDD  | 9.91     | ±9.6                   |
| 10248 | CAH | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)                             | LTE-TDD  | 10.09    | ±9.6                   |
| 10249 | CAH | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)                               | LTE-TDD  | 9.29     | ±9.6                   |
| 10250 | CAH | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)                            | LTE-TDD  | 9.81     | ±9.6                   |
| 10251 | CAH | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)                            | LTE-TDD  | 10.17    | ±9.6                   |
| 10252 | CAH | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)                              | LTE-TDD  | 9.24     | ±9.6                   |
| 10253 | CAG | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)                            | LTE-TDD  | 9.90     | ±9.6                   |
| 10254 | CAG | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)                            | LTE-TDD  | 10.14    | ±9.6                   |
| 10255 | CAG | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)                              | LTE-TDD  | 9.20     | ±9.6                   |
| 10256 | CAC | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)                          | LTE-TDD  | 9.96     | ±9.6                   |
| 10257 | CAC | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)                          | LTE-TDD  | 10.08    | ±9.6                   |
| 10258 | CAC | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)                            | LTE-TDD  | 9.34     | ±9.6                   |
| 10259 | CAE | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)                            | LTE-TDD  | 9.98     | ±9.6                   |
| 10260 | CAE | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)                            | LTE-TDD  | 9.97     | ±9.6                   |
| 10261 | CAE | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)                              | LTE-TDD  | 9.24     | ±9.6                   |
| 10262 | CAH | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)                            | LTE-TDD  | 9.83     | ±9.6                   |
| 10263 | CAH | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)                            | LTE-TDD  | 10.16    | ±9.6                   |
| 10264 | CAH | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)                              | LTE-TDD  | 9.23     | ±9.6                   |
| 10265 | CAH | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)                           | LTE-TDD  | 9.92     | ±9.6                   |
| 10266 | CAH | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)                           | LTE-TDD  | 10.07    | ±9.6                   |
| 10267 | CAH | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)                             | LTE-TDD  | 9.30     | ±9.6                   |
| 10268 | CAG | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)                           | LTE-TDD  | 10.06    | ±9.6                   |
| 10269 | CAG | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)                           | LTE-TDD  | 10.13    | ±9.6                   |
| 10270 | CAG | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)                             | LTE-TDD  | 9.58     | ±9.6                   |
| 10274 | CAC | UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)                            | WCDMA    | 4.87     | ±9.6                   |
| 10275 | CAC | UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)                             | WCDMA    | 3.96     | ±9.6                   |
| 10277 | CAA | PHS (QPSK)                                                           | PHS      | 11.81    | ±9.6                   |
| 10278 | CAA | PHS (QPSK, BW 884 MHz, Rolloff 0.5)                                  | PHS      | 11.81    | ±9.6                   |
| 10279 | CAA | PHS (QPSK, BW 884 MHz, Rolloff 0.38)                                 | PHS      | 12.18    | ±9.6                   |
| 10290 | AAB | CDMA2000, RC1, SO55, Full Rate                                       | CDMA2000 | 3.91     | ±9.6                   |
| 10291 | AAB | CDMA2000, RC3, SO55, Full Rate                                       | CDMA2000 | 3.46     | ±9.6                   |
| 10292 | AAB | CDMA2000, RC3, SO32, Full Rate                                       | CDMA2000 | 3.39     | ±9.6                   |
| 10293 | AAB | CDMA2000, RC3, SO3, Full Rate                                        | CDMA2000 | 3.50     | ±9.6                   |
| 10295 | AAB | CDMA2000, RC1, SO3, 1/8th Rate 25 fr.                                | CDMA2000 | 12.49    | ±9.6                   |
| 10297 | AAE | LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)                              | LTE-FDD  | 5.81     | ±9.6                   |
| 10298 | AAE | LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)                               | LTE-FDD  | 5.72     | ±9.6                   |
| 10299 | AAE | LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)                             | LTE-FDD  | 6.39     | ±9.6                   |
| 10300 | AAE | LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)                             | LTE-FDD  | 6.60     | ±9.6                   |
| 10301 | AAA | IEEE 802.16e WiMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC)                 | WiMAX    | 12.03    | ±9.6                   |
| 10302 | AAA | IEEE 802.16e WiMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC, 3 CTRL symbols) | WiMAX    | 12.57    | ±9.6                   |
| 10303 | AAA | IEEE 802.16e WiMAX (31:15, 5 ms, 10 MHz, 64QAM, PUSC)                | WiMAX    | 12.52    | ±9.6                   |
| 10304 | AAA | IEEE 802.16e WiMAX (29:18, 5 ms, 10 MHz, 64QAM, PUSC)                | WiMAX    | 11.86    | ±9.6                   |
| 10305 | AAA | IEEE 802.16e WiMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols)   | WiMAX    | 15.24    | ±9.6                   |
| 10306 | AAA | IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, 64QAM, PUSC, 18 symbols)   | WiMAX    | 14.67    | ±9.6                   |

| UID   | Rev | Communication System Name                                                       | Group    | PAR (dB) | Unc <sup>E</sup> $k = 2$ |
|-------|-----|---------------------------------------------------------------------------------|----------|----------|--------------------------|
| 10307 | AAA | IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, QPSK, PUSC, 18 symbols)               | WiMAX    | 14.49    | ±9.6                     |
| 10308 | AAA | IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, 16QAM, PUSC)                          | WiMAX    | 14.46    | ±9.6                     |
| 10309 | AAA | IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, 16QAM, AMC 2x3, 18 symbols)           | WiMAX    | 14.58    | ±9.6                     |
| 10310 | AAA | IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, QPSK, AMC 2x3, 18 symbols)            | WiMAX    | 14.57    | ±9.6                     |
| 10311 | AAE | LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)                                        | LTE-FDD  | 6.06     | ±9.6                     |
| 10313 | AAA | iDEN 1:3                                                                        | iDEN     | 10.51    | ±9.6                     |
| 10314 | AAA | iDEN 1:6                                                                        | iDEN     | 13.48    | ±9.6                     |
| 10315 | AAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle)                       | WLAN     | 1.71     | ±9.6                     |
| 10316 | AAB | IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle)                   | WLAN     | 8.36     | ±9.6                     |
| 10317 | AAE | IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle)                         | WLAN     | 8.36     | ±9.6                     |
| 10352 | AAA | Pulse Waveform (200Hz, 10%)                                                     | Generic  | 10.00    | ±9.6                     |
| 10353 | AAA | Pulse Waveform (200Hz, 20%)                                                     | Generic  | 6.99     | ±9.6                     |
| 10354 | AAA | Pulse Waveform (200Hz, 40%)                                                     | Generic  | 3.98     | ±9.6                     |
| 10355 | AAA | Pulse Waveform (200Hz, 60%)                                                     | Generic  | 2.22     | ±9.6                     |
| 10356 | AAA | Pulse Waveform (200Hz, 80%)                                                     | Generic  | 0.97     | ±9.6                     |
| 10387 | AAA | QPSK Waveform, 1 MHz                                                            | Generic  | 5.10     | ±9.6                     |
| 10388 | AAA | QPSK Waveform, 10 MHz                                                           | Generic  | 5.22     | ±9.6                     |
| 10396 | AAA | 64-QAM Waveform, 100 kHz                                                        | Generic  | 6.27     | ±9.6                     |
| 10399 | AAA | 64-QAM Waveform, 40 MHz                                                         | Generic  | 6.27     | ±9.6                     |
| 10400 | AAF | IEEE 802.11ac WiFi (20 MHz, 64-QAM, 99pc duty cycle)                            | WLAN     | 8.37     | ±9.6                     |
| 10401 | AAF | IEEE 802.11ac WiFi (40 MHz, 64-QAM, 99pc duty cycle)                            | WLAN     | 8.60     | ±9.6                     |
| 10402 | AAF | IEEE 802.11ac WiFi (80 MHz, 64-QAM, 99pc duty cycle)                            | WLAN     | 8.53     | ±9.6                     |
| 10403 | AAB | CDMA2000 (1xEV-DO, Rev. 0)                                                      | CDMA2000 | 3.76     | ±9.6                     |
| 10404 | AAB | CDMA2000 (1xEV-DO, Rev. A)                                                      | CDMA2000 | 3.77     | ±9.6                     |
| 10406 | AAB | CDMA2000, RC3, SO32, SCH0, Full Rate                                            | CDMA2000 | 5.22     | ±9.6                     |
| 10410 | AAH | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9, Subframe Conf=4) | LTE-TDD  | 7.82     | ±9.6                     |
| 10414 | AAA | WLAN CCDF, 64-QAM, 40 MHz                                                       | Generic  | 8.54     | ±9.6                     |
| 10415 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)                       | WLAN     | 1.54     | ±9.6                     |
| 10416 | AAA | IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle)                   | WLAN     | 8.23     | ±9.6                     |
| 10417 | AAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle)                       | WLAN     | 8.23     | ±9.6                     |
| 10418 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preamble)   | WLAN     | 8.14     | ±9.6                     |
| 10419 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preamble)  | WLAN     | 8.19     | ±9.6                     |
| 10422 | AAD | IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)                                    | WLAN     | 8.32     | ±9.6                     |
| 10423 | AAD | IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)                                 | WLAN     | 8.47     | ±9.6                     |
| 10424 | AAD | IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)                                 | WLAN     | 8.40     | ±9.6                     |
| 10425 | AAD | IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)                                     | WLAN     | 8.41     | ±9.6                     |
| 10426 | AAD | IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)                                   | WLAN     | 8.45     | ±9.6                     |
| 10427 | AAD | IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)                                  | WLAN     | 8.41     | ±9.6                     |
| 10430 | AAE | LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)                                                | LTE-FDD  | 8.28     | ±9.6                     |
| 10431 | AAE | LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)                                               | LTE-FDD  | 8.38     | ±9.6                     |
| 10432 | AAD | LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)                                               | LTE-FDD  | 8.34     | ±9.6                     |
| 10433 | AAD | LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)                                               | LTE-FDD  | 8.34     | ±9.6                     |
| 10434 | AAB | W-CDMA (BS Test Model 1, 64 DPCH)                                               | WCDMA    | 8.60     | ±9.6                     |
| 10435 | AAG | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)                  | LTE-TDD  | 7.82     | ±9.6                     |
| 10447 | AAE | LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)                                  | LTE-FDD  | 7.56     | ±9.6                     |
| 10448 | AAE | LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)                                 | LTE-FDD  | 7.53     | ±9.6                     |
| 10449 | AAD | LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)                                 | LTE-FDD  | 7.51     | ±9.6                     |
| 10450 | AAD | LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)                                 | LTE-FDD  | 7.48     | ±9.6                     |
| 10451 | AAB | W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)                                 | WCDMA    | 7.59     | ±9.6                     |
| 10453 | AAE | Validation (Square, 10 ms, 1 ms)                                                | Test     | 10.00    | ±9.6                     |
| 10456 | AAD | IEEE 802.11ac WiFi (160 MHz, 64-QAM, 99pc duty cycle)                           | WLAN     | 8.63     | ±9.6                     |
| 10457 | AAB | UMTS-FDD (DC-HSDPA)                                                             | WCDMA    | 6.62     | ±9.6                     |
| 10458 | AAA | CDMA2000 (1xEV-DO, Rev. B, 2 carriers)                                          | CDMA2000 | 6.55     | ±9.6                     |
| 10459 | AAA | CDMA2000 (1xEV-DO, Rev. B, 3 carriers)                                          | CDMA2000 | 8.25     | ±9.6                     |
| 10460 | AAB | UMTS-FDD (WCDMA, AMR)                                                           | WCDMA    | 2.39     | ±9.6                     |
| 10461 | AAC | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)                 | LTE-TDD  | 7.82     | ±9.6                     |
| 10462 | AAC | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)               | LTE-TDD  | 8.30     | ±9.6                     |
| 10463 | AAC | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)               | LTE-TDD  | 8.56     | ±9.6                     |
| 10464 | AAD | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)                   | LTE-TDD  | 7.82     | ±9.6                     |
| 10465 | AAD | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)                 | LTE-TDD  | 8.32     | ±9.6                     |
| 10466 | AAD | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)                 | LTE-TDD  | 8.57     | ±9.6                     |
| 10467 | AAG | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)                   | LTE-TDD  | 7.82     | ±9.6                     |
| 10468 | AAG | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)                 | LTE-TDD  | 8.32     | ±9.6                     |
| 10469 | AAG | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)                 | LTE-TDD  | 8.56     | ±9.6                     |
| 10470 | AAG | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)                  | LTE-TDD  | 7.82     | ±9.6                     |
| 10471 | AAG | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)                | LTE-TDD  | 8.32     | ±9.6                     |

| UID   | Rev | Communication System Name                                            | Group   | PAR (dB) | Unc <sup>E</sup> k = 2 |
|-------|-----|----------------------------------------------------------------------|---------|----------|------------------------|
| 10472 | AAG | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)     | LTE-TDD | 8.57     | ±9.6                   |
| 10473 | AAF | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)       | LTE-TDD | 7.82     | ±9.6                   |
| 10474 | AAF | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)     | LTE-TDD | 8.32     | ±9.6                   |
| 10475 | AAF | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)     | LTE-TDD | 8.57     | ±9.6                   |
| 10477 | AAG | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)     | LTE-TDD | 8.32     | ±9.6                   |
| 10478 | AAG | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)     | LTE-TDD | 8.57     | ±9.6                   |
| 10479 | AAC | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)    | LTE-TDD | 7.74     | ±9.6                   |
| 10480 | AAC | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)  | LTE-TDD | 8.18     | ±9.6                   |
| 10481 | AAC | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)  | LTE-TDD | 8.45     | ±9.6                   |
| 10482 | AAD | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)      | LTE-TDD | 7.71     | ±9.6                   |
| 10483 | AAD | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)    | LTE-TDD | 8.39     | ±9.6                   |
| 10484 | AAD | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)    | LTE-TDD | 8.47     | ±9.6                   |
| 10485 | AAG | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)      | LTE-TDD | 7.59     | ±9.6                   |
| 10486 | AAG | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)    | LTE-TDD | 8.38     | ±9.6                   |
| 10487 | AAG | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)    | LTE-TDD | 8.60     | ±9.6                   |
| 10488 | AAG | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)     | LTE-TDD | 7.70     | ±9.6                   |
| 10489 | AAG | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   | LTE-TDD | 8.31     | ±9.6                   |
| 10490 | AAG | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   | LTE-TDD | 8.54     | ±9.6                   |
| 10491 | AAF | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)     | LTE-TDD | 7.74     | ±9.6                   |
| 10492 | AAF | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   | LTE-TDD | 8.41     | ±9.6                   |
| 10493 | AAF | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   | LTE-TDD | 8.55     | ±9.6                   |
| 10494 | AAG | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)     | LTE-TDD | 7.74     | ±9.6                   |
| 10495 | AAG | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   | LTE-TDD | 8.37     | ±9.6                   |
| 10496 | AAG | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   | LTE-TDD | 8.54     | ±9.6                   |
| 10497 | AAC | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)   | LTE-TDD | 7.67     | ±9.6                   |
| 10498 | AAC | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.40     | ±9.6                   |
| 10499 | AAC | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.68     | ±9.6                   |
| 10500 | AAD | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)     | LTE-TDD | 7.67     | ±9.6                   |
| 10501 | AAD | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   | LTE-TDD | 8.44     | ±9.6                   |
| 10502 | AAD | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   | LTE-TDD | 8.52     | ±9.6                   |
| 10503 | AAG | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)     | LTE-TDD | 7.72     | ±9.6                   |
| 10504 | AAG | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   | LTE-TDD | 8.31     | ±9.6                   |
| 10505 | AAG | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   | LTE-TDD | 8.54     | ±9.6                   |
| 10506 | AAG | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)    | LTE-TDD | 7.74     | ±9.6                   |
| 10507 | AAG | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)  | LTE-TDD | 8.36     | ±9.6                   |
| 10508 | AAG | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)  | LTE-TDD | 8.55     | ±9.6                   |
| 10509 | AAF | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)    | LTE-TDD | 7.99     | ±9.6                   |
| 10510 | AAF | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)  | LTE-TDD | 8.49     | ±9.6                   |
| 10511 | AAF | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)  | LTE-TDD | 8.51     | ±9.6                   |
| 10512 | AAG | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)    | LTE-TDD | 7.74     | ±9.6                   |
| 10513 | AAG | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)  | LTE-TDD | 8.42     | ±9.6                   |
| 10514 | AAG | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)  | LTE-TDD | 8.45     | ±9.6                   |
| 10515 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc duty cycle)            | WLAN    | 1.58     | ±9.6                   |
| 10516 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle)          | WLAN    | 1.57     | ±9.6                   |
| 10517 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc duty cycle)           | WLAN    | 1.58     | ±9.6                   |
| 10518 | AAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)            | WLAN    | 8.23     | ±9.6                   |
| 10519 | AAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)           | WLAN    | 8.39     | ±9.6                   |
| 10520 | AAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)           | WLAN    | 8.12     | ±9.6                   |
| 10521 | AAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)           | WLAN    | 7.97     | ±9.6                   |
| 10522 | AAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)           | WLAN    | 8.45     | ±9.6                   |
| 10523 | AAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle)           | WLAN    | 8.08     | ±9.6                   |
| 10524 | AAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle)           | WLAN    | 8.27     | ±9.6                   |
| 10525 | AAD | IEEE 802.11ac WiFi (20 MHz, MCS0, 99pc duty cycle)                   | WLAN    | 8.36     | ±9.6                   |
| 10526 | AAD | IEEE 802.11ac WiFi (20 MHz, MCS1, 99pc duty cycle)                   | WLAN    | 8.42     | ±9.6                   |
| 10527 | AAD | IEEE 802.11ac WiFi (20 MHz, MCS2, 99pc duty cycle)                   | WLAN    | 8.21     | ±9.6                   |
| 10528 | AAD | IEEE 802.11ac WiFi (20 MHz, MCS3, 99pc duty cycle)                   | WLAN    | 8.36     | ±9.6                   |
| 10529 | AAD | IEEE 802.11ac WiFi (20 MHz, MCS4, 99pc duty cycle)                   | WLAN    | 8.36     | ±9.6                   |
| 10531 | AAD | IEEE 802.11ac WiFi (20 MHz, MCS6, 99pc duty cycle)                   | WLAN    | 8.43     | ±9.6                   |
| 10532 | AAD | IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle)                   | WLAN    | 8.29     | ±9.6                   |
| 10533 | AAD | IEEE 802.11ac WiFi (20 MHz, MCS8, 99pc duty cycle)                   | WLAN    | 8.38     | ±9.6                   |
| 10534 | AAD | IEEE 802.11ac WiFi (40 MHz, MCS0, 99pc duty cycle)                   | WLAN    | 8.45     | ±9.6                   |
| 10535 | AAD | IEEE 802.11ac WiFi (40 MHz, MCS1, 99pc duty cycle)                   | WLAN    | 8.45     | ±9.6                   |
| 10536 | AAD | IEEE 802.11ac WiFi (40 MHz, MCS2, 99pc duty cycle)                   | WLAN    | 8.32     | ±9.6                   |
| 10537 | AAD | IEEE 802.11ac WiFi (40 MHz, MCS3, 99pc duty cycle)                   | WLAN    | 8.44     | ±9.6                   |
| 10538 | AAD | IEEE 802.11ac WiFi (40 MHz, MCS4, 99pc duty cycle)                   | WLAN    | 8.54     | ±9.6                   |
| 10540 | AAD | IEEE 802.11ac WiFi (40 MHz, MCS6, 99pc duty cycle)                   | WLAN    | 8.39     | ±9.6                   |

| UID   | Rev | Communication System Name                                       | Group | PAR (dB) | Unc <sup>E</sup> $k = 2$ |
|-------|-----|-----------------------------------------------------------------|-------|----------|--------------------------|
| 10541 | AAD | IEEE 802.11ac WiFi (40 MHz, MCS7, 99pc duty cycle)              | WLAN  | 8.46     | ±9.6                     |
| 10542 | AAD | IEEE 802.11ac WiFi (40 MHz, MCS8, 99pc duty cycle)              | WLAN  | 8.65     | ±9.6                     |
| 10543 | AAD | IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)              | WLAN  | 8.65     | ±9.6                     |
| 10544 | AAD | IEEE 802.11ac WiFi (80 MHz, MCS0, 99pc duty cycle)              | WLAN  | 8.47     | ±9.6                     |
| 10545 | AAD | IEEE 802.11ac WiFi (80 MHz, MCS1, 99pc duty cycle)              | WLAN  | 8.55     | ±9.6                     |
| 10546 | AAD | IEEE 802.11ac WiFi (80 MHz, MCS2, 99pc duty cycle)              | WLAN  | 8.35     | ±9.6                     |
| 10547 | AAD | IEEE 802.11ac WiFi (80 MHz, MCS3, 99pc duty cycle)              | WLAN  | 8.49     | ±9.6                     |
| 10548 | AAD | IEEE 802.11ac WiFi (80 MHz, MCS4, 99pc duty cycle)              | WLAN  | 8.37     | ±9.6                     |
| 10550 | AAD | IEEE 802.11ac WiFi (80 MHz, MCS6, 99pc duty cycle)              | WLAN  | 8.38     | ±9.6                     |
| 10551 | AAD | IEEE 802.11ac WiFi (80 MHz, MCS7, 99pc duty cycle)              | WLAN  | 8.50     | ±9.6                     |
| 10552 | AAD | IEEE 802.11ac WiFi (80 MHz, MCS8, 99pc duty cycle)              | WLAN  | 8.42     | ±9.6                     |
| 10553 | AAD | IEEE 802.11ac WiFi (80 MHz, MCS9, 99pc duty cycle)              | WLAN  | 8.45     | ±9.6                     |
| 10554 | AAE | IEEE 802.11ac WiFi (160 MHz, MCS0, 99pc duty cycle)             | WLAN  | 8.48     | ±9.6                     |
| 10555 | AAE | IEEE 802.11ac WiFi (160 MHz, MCS1, 99pc duty cycle)             | WLAN  | 8.47     | ±9.6                     |
| 10556 | AAE | IEEE 802.11ac WiFi (160 MHz, MCS2, 99pc duty cycle)             | WLAN  | 8.50     | ±9.6                     |
| 10557 | AAE | IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)             | WLAN  | 8.52     | ±9.6                     |
| 10558 | AAE | IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)             | WLAN  | 8.61     | ±9.6                     |
| 10560 | AAE | IEEE 802.11ac WiFi (160 MHz, MCS6, 99pc duty cycle)             | WLAN  | 8.73     | ±9.6                     |
| 10561 | AAE | IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)             | WLAN  | 8.56     | ±9.6                     |
| 10562 | AAE | IEEE 802.11ac WiFi (160 MHz, MCS8, 99pc duty cycle)             | WLAN  | 8.69     | ±9.6                     |
| 10563 | AAE | IEEE 802.11ac WiFi (160 MHz, MCS9, 99pc duty cycle)             | WLAN  | 8.77     | ±9.6                     |
| 10564 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle)  | WLAN  | 8.25     | ±9.6                     |
| 10565 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle) | WLAN  | 8.45     | ±9.6                     |
| 10566 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle) | WLAN  | 8.13     | ±9.6                     |
| 10567 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle) | WLAN  | 8.00     | ±9.6                     |
| 10568 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle) | WLAN  | 8.37     | ±9.6                     |
| 10569 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle) | WLAN  | 8.10     | ±9.6                     |
| 10570 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle) | WLAN  | 8.30     | ±9.6                     |
| 10571 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)       | WLAN  | 1.99     | ±9.6                     |
| 10572 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)       | WLAN  | 1.99     | ±9.6                     |
| 10573 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)     | WLAN  | 1.98     | ±9.6                     |
| 10574 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)      | WLAN  | 1.98     | ±9.6                     |
| 10575 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty cycle)  | WLAN  | 8.59     | ±9.6                     |
| 10576 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty cycle)  | WLAN  | 8.60     | ±9.6                     |
| 10577 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle) | WLAN  | 8.70     | ±9.6                     |
| 10578 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty cycle) | WLAN  | 8.49     | ±9.6                     |
| 10579 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty cycle) | WLAN  | 8.36     | ±9.6                     |
| 10580 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty cycle) | WLAN  | 8.76     | ±9.6                     |
| 10581 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle) | WLAN  | 8.35     | ±9.6                     |
| 10582 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty cycle) | WLAN  | 8.67     | ±9.6                     |
| 10583 | AAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)       | WLAN  | 8.59     | ±9.6                     |
| 10584 | AAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)       | WLAN  | 8.60     | ±9.6                     |
| 10585 | AAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)      | WLAN  | 8.70     | ±9.6                     |
| 10586 | AAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)      | WLAN  | 8.49     | ±9.6                     |
| 10587 | AAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)      | WLAN  | 8.36     | ±9.6                     |
| 10588 | AAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)      | WLAN  | 8.76     | ±9.6                     |
| 10589 | AAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)      | WLAN  | 8.35     | ±9.6                     |
| 10590 | AAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)      | WLAN  | 8.67     | ±9.6                     |
| 10591 | AAD | IEEE 802.11n (HT Mixed, 20 MHz, MCS0, 90pc duty cycle)          | WLAN  | 8.63     | ±9.6                     |
| 10592 | AAD | IEEE 802.11n (HT Mixed, 20 MHz, MCS1, 90pc duty cycle)          | WLAN  | 8.79     | ±9.6                     |
| 10593 | AAD | IEEE 802.11n (HT Mixed, 20 MHz, MCS2, 90pc duty cycle)          | WLAN  | 8.64     | ±9.6                     |
| 10594 | AAD | IEEE 802.11n (HT Mixed, 20 MHz, MCS3, 90pc duty cycle)          | WLAN  | 8.74     | ±9.6                     |
| 10595 | AAD | IEEE 802.11n (HT Mixed, 20 MHz, MCS4, 90pc duty cycle)          | WLAN  | 8.74     | ±9.6                     |
| 10596 | AAD | IEEE 802.11n (HT Mixed, 20 MHz, MCS5, 90pc duty cycle)          | WLAN  | 8.71     | ±9.6                     |
| 10597 | AAD | IEEE 802.11n (HT Mixed, 20 MHz, MCS6, 90pc duty cycle)          | WLAN  | 8.72     | ±9.6                     |
| 10598 | AAD | IEEE 802.11n (HT Mixed, 20 MHz, MCS7, 90pc duty cycle)          | WLAN  | 8.50     | ±9.6                     |
| 10599 | AAD | IEEE 802.11n (HT Mixed, 40 MHz, MCS0, 90pc duty cycle)          | WLAN  | 8.79     | ±9.6                     |
| 10600 | AAD | IEEE 802.11n (HT Mixed, 40 MHz, MCS1, 90pc duty cycle)          | WLAN  | 8.88     | ±9.6                     |
| 10601 | AAD | IEEE 802.11n (HT Mixed, 40 MHz, MCS2, 90pc duty cycle)          | WLAN  | 8.82     | ±9.6                     |
| 10602 | AAD | IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle)          | WLAN  | 8.94     | ±9.6                     |
| 10603 | AAD | IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90pc duty cycle)          | WLAN  | 9.03     | ±9.6                     |
| 10604 | AAD | IEEE 802.11n (HT Mixed, 40 MHz, MCS5, 90pc duty cycle)          | WLAN  | 8.76     | ±9.6                     |
| 10605 | AAD | IEEE 802.11n (HT Mixed, 40 MHz, MCS6, 90pc duty cycle)          | WLAN  | 8.97     | ±9.6                     |
| 10606 | AAD | IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle)          | WLAN  | 8.82     | ±9.6                     |
| 10607 | AAD | IEEE 802.11ac WiFi (20 MHz, MCS0, 90pc duty cycle)              | WLAN  | 8.64     | ±9.6                     |
| 10608 | AAD | IEEE 802.11ac WiFi (20 MHz, MCS1, 90pc duty cycle)              | WLAN  | 8.77     | ±9.6                     |

| UID   | Rev | Communication System Name                              | Group     | PAR (dB) | Unc <sup>E</sup> k = 2 |
|-------|-----|--------------------------------------------------------|-----------|----------|------------------------|
| 10609 | AAD | IEEE 802.11ac WiFi (20 MHz, MCS2, 90pc duty cycle)     | WLAN      | 8.57     | ±9.6                   |
| 10610 | AAD | IEEE 802.11ac WiFi (20 MHz, MCS3, 90pc duty cycle)     | WLAN      | 8.78     | ±9.6                   |
| 10611 | AAD | IEEE 802.11ac WiFi (20 MHz, MCS4, 90pc duty cycle)     | WLAN      | 8.70     | ±9.6                   |
| 10612 | AAD | IEEE 802.11ac WiFi (20 MHz, MCS5, 90pc duty cycle)     | WLAN      | 8.77     | ±9.6                   |
| 10613 | AAD | IEEE 802.11ac WiFi (20 MHz, MCS6, 90pc duty cycle)     | WLAN      | 8.94     | ±9.6                   |
| 10614 | AAD | IEEE 802.11ac WiFi (20 MHz, MCS7, 90pc duty cycle)     | WLAN      | 8.59     | ±9.6                   |
| 10615 | AAD | IEEE 802.11ac WiFi (20 MHz, MCS8, 90pc duty cycle)     | WLAN      | 8.82     | ±9.6                   |
| 10616 | AAD | IEEE 802.11ac WiFi (40 MHz, MCS0, 90pc duty cycle)     | WLAN      | 8.82     | ±9.6                   |
| 10617 | AAD | IEEE 802.11ac WiFi (40 MHz, MCS1, 90pc duty cycle)     | WLAN      | 8.81     | ±9.6                   |
| 10618 | AAD | IEEE 802.11ac WiFi (40 MHz, MCS2, 90pc duty cycle)     | WLAN      | 8.58     | ±9.6                   |
| 10619 | AAD | IEEE 802.11ac WiFi (40 MHz, MCS3, 90pc duty cycle)     | WLAN      | 8.86     | ±9.6                   |
| 10620 | AAD | IEEE 802.11ac WiFi (40 MHz, MCS4, 90pc duty cycle)     | WLAN      | 8.87     | ±9.6                   |
| 10621 | AAD | IEEE 802.11ac WiFi (40 MHz, MCS5, 90pc duty cycle)     | WLAN      | 8.77     | ±9.6                   |
| 10622 | AAD | IEEE 802.11ac WiFi (40 MHz, MCS6, 90pc duty cycle)     | WLAN      | 8.68     | ±9.6                   |
| 10623 | AAD | IEEE 802.11ac WiFi (40 MHz, MCS7, 90pc duty cycle)     | WLAN      | 8.82     | ±9.6                   |
| 10624 | AAD | IEEE 802.11ac WiFi (40 MHz, MCS8, 90pc duty cycle)     | WLAN      | 8.96     | ±9.6                   |
| 10625 | AAD | IEEE 802.11ac WiFi (40 MHz, MCS9, 90pc duty cycle)     | WLAN      | 8.96     | ±9.6                   |
| 10626 | AAD | IEEE 802.11ac WiFi (80 MHz, MCS0, 90pc duty cycle)     | WLAN      | 8.83     | ±9.6                   |
| 10627 | AAD | IEEE 802.11ac WiFi (80 MHz, MCS1, 90pc duty cycle)     | WLAN      | 8.88     | ±9.6                   |
| 10628 | AAD | IEEE 802.11ac WiFi (80 MHz, MCS2, 90pc duty cycle)     | WLAN      | 8.71     | ±9.6                   |
| 10629 | AAD | IEEE 802.11ac WiFi (80 MHz, MCS3, 90pc duty cycle)     | WLAN      | 8.85     | ±9.6                   |
| 10630 | AAD | IEEE 802.11ac WiFi (80 MHz, MCS4, 90pc duty cycle)     | WLAN      | 8.72     | ±9.6                   |
| 10631 | AAD | IEEE 802.11ac WiFi (80 MHz, MCS5, 90pc duty cycle)     | WLAN      | 8.81     | ±9.6                   |
| 10632 | AAD | IEEE 802.11ac WiFi (80 MHz, MCS6, 90pc duty cycle)     | WLAN      | 8.74     | ±9.6                   |
| 10633 | AAD | IEEE 802.11ac WiFi (80 MHz, MCS7, 90pc duty cycle)     | WLAN      | 8.83     | ±9.6                   |
| 10634 | AAD | IEEE 802.11ac WiFi (80 MHz, MCS8, 90pc duty cycle)     | WLAN      | 8.80     | ±9.6                   |
| 10635 | AAD | IEEE 802.11ac WiFi (80 MHz, MCS9, 90pc duty cycle)     | WLAN      | 8.81     | ±9.6                   |
| 10636 | AAE | IEEE 802.11ac WiFi (160 MHz, MCS0, 90pc duty cycle)    | WLAN      | 8.83     | ±9.6                   |
| 10637 | AAE | IEEE 802.11ac WiFi (160 MHz, MCS1, 90pc duty cycle)    | WLAN      | 8.79     | ±9.6                   |
| 10638 | AAE | IEEE 802.11ac WiFi (160 MHz, MCS2, 90pc duty cycle)    | WLAN      | 8.86     | ±9.6                   |
| 10639 | AAE | IEEE 802.11ac WiFi (160 MHz, MCS3, 90pc duty cycle)    | WLAN      | 8.85     | ±9.6                   |
| 10640 | AAE | IEEE 802.11ac WiFi (160 MHz, MCS4, 90pc duty cycle)    | WLAN      | 8.98     | ±9.6                   |
| 10641 | AAE | IEEE 802.11ac WiFi (160 MHz, MCS5, 90pc duty cycle)    | WLAN      | 9.06     | ±9.6                   |
| 10642 | AAE | IEEE 802.11ac WiFi (160 MHz, MCS6, 90pc duty cycle)    | WLAN      | 9.06     | ±9.6                   |
| 10643 | AAE | IEEE 802.11ac WiFi (160 MHz, MCS7, 90pc duty cycle)    | WLAN      | 8.89     | ±9.6                   |
| 10644 | AAE | IEEE 802.11ac WiFi (160 MHz, MCS8, 90pc duty cycle)    | WLAN      | 9.05     | ±9.6                   |
| 10645 | AAE | IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duty cycle)    | WLAN      | 9.11     | ±9.6                   |
| 10646 | AAH | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7)  | LTE-TDD   | 11.96    | ±9.6                   |
| 10647 | AAG | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7) | LTE-TDD   | 11.96    | ±9.6                   |
| 10648 | AAA | CDMA2000 (1x Advanced)                                 | CDMA2000  | 3.45     | ±9.6                   |
| 10652 | AAF | LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)         | LTE-TDD   | 6.91     | ±9.6                   |
| 10653 | AAF | LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)        | LTE-TDD   | 7.42     | ±9.6                   |
| 10654 | AAE | LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)        | LTE-TDD   | 6.96     | ±9.6                   |
| 10655 | AAF | LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)        | LTE-TDD   | 7.21     | ±9.6                   |
| 10658 | AAB | Pulse Waveform (200Hz, 10%)                            | Test      | 10.00    | ±9.6                   |
| 10659 | AAB | Pulse Waveform (200Hz, 20%)                            | Test      | 6.99     | ±9.6                   |
| 10660 | AAB | Pulse Waveform (200Hz, 40%)                            | Test      | 3.98     | ±9.6                   |
| 10661 | AAB | Pulse Waveform (200Hz, 60%)                            | Test      | 2.22     | ±9.6                   |
| 10662 | AAB | Pulse Waveform (200Hz, 80%)                            | Test      | 0.97     | ±9.6                   |
| 10670 | AAA | Bluetooth Low Energy                                   | Bluetooth | 2.19     | ±9.6                   |
| 10671 | AAC | IEEE 802.11ax (20 MHz, MCS0, 90pc duty cycle)          | WLAN      | 9.09     | ±9.6                   |
| 10672 | AAC | IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle)          | WLAN      | 8.57     | ±9.6                   |
| 10673 | AAC | IEEE 802.11ax (20 MHz, MCS2, 90pc duty cycle)          | WLAN      | 8.78     | ±9.6                   |
| 10674 | AAC | IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)          | WLAN      | 8.74     | ±9.6                   |
| 10675 | AAC | IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle)          | WLAN      | 8.90     | ±9.6                   |
| 10676 | AAC | IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle)          | WLAN      | 8.77     | ±9.6                   |
| 10677 | AAC | IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle)          | WLAN      | 8.73     | ±9.6                   |
| 10678 | AAC | IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle)          | WLAN      | 8.78     | ±9.6                   |
| 10679 | AAC | IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle)          | WLAN      | 8.89     | ±9.6                   |
| 10680 | AAC | IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle)          | WLAN      | 8.80     | ±9.6                   |
| 10681 | AAC | IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle)         | WLAN      | 8.62     | ±9.6                   |
| 10682 | AAC | IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle)         | WLAN      | 8.83     | ±9.6                   |
| 10683 | AAC | IEEE 802.11ax (20 MHz, MCS0, 99pc duty cycle)          | WLAN      | 8.42     | ±9.6                   |
| 10684 | AAC | IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle)          | WLAN      | 8.26     | ±9.6                   |
| 10685 | AAC | IEEE 802.11ax (20 MHz, MCS2, 99pc duty cycle)          | WLAN      | 8.33     | ±9.6                   |
| 10686 | AAC | IEEE 802.11ax (20 MHz, MCS3, 99pc duty cycle)          | WLAN      | 8.28     | ±9.6                   |

| UID   | Rev | Communication System Name                      | Group | PAR (dB) | Unc <sup>E</sup> $k = 2$ |
|-------|-----|------------------------------------------------|-------|----------|--------------------------|
| 10687 | AAC | IEEE 802.11ax (20 MHz, MCS4, 99pc duty cycle)  | WLAN  | 8.45     | ±9.6                     |
| 10688 | AAC | IEEE 802.11ax (20 MHz, MCS5, 99pc duty cycle)  | WLAN  | 8.29     | ±9.6                     |
| 10689 | AAC | IEEE 802.11ax (20 MHz, MCS6, 99pc duty cycle)  | WLAN  | 8.55     | ±9.6                     |
| 10690 | AAC | IEEE 802.11ax (20 MHz, MCS7, 99pc duty cycle)  | WLAN  | 8.29     | ±9.6                     |
| 10691 | AAC | IEEE 802.11ax (20 MHz, MCS8, 99pc duty cycle)  | WLAN  | 8.25     | ±9.6                     |
| 10692 | AAC | IEEE 802.11ax (20 MHz, MCS9, 99pc duty cycle)  | WLAN  | 8.29     | ±9.6                     |
| 10693 | AAC | IEEE 802.11ax (20 MHz, MCS10, 99pc duty cycle) | WLAN  | 8.25     | ±9.6                     |
| 10694 | AAC | IEEE 802.11ax (20 MHz, MCS11, 99pc duty cycle) | WLAN  | 8.57     | ±9.6                     |
| 10695 | AAC | IEEE 802.11ax (40 MHz, MCS0, 90pc duty cycle)  | WLAN  | 8.78     | ±9.6                     |
| 10696 | AAC | IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)  | WLAN  | 8.91     | ±9.6                     |
| 10697 | AAC | IEEE 802.11ax (40 MHz, MCS2, 90pc duty cycle)  | WLAN  | 8.61     | ±9.6                     |
| 10698 | AAC | IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle)  | WLAN  | 8.89     | ±9.6                     |
| 10699 | AAC | IEEE 802.11ax (40 MHz, MCS4, 90pc duty cycle)  | WLAN  | 8.82     | ±9.6                     |
| 10700 | AAC | IEEE 802.11ax (40 MHz, MCS5, 90pc duty cycle)  | WLAN  | 8.73     | ±9.6                     |
| 10701 | AAC | IEEE 802.11ax (40 MHz, MCS6, 90pc duty cycle)  | WLAN  | 8.86     | ±9.6                     |
| 10702 | AAC | IEEE 802.11ax (40 MHz, MCS7, 90pc duty cycle)  | WLAN  | 8.70     | ±9.6                     |
| 10703 | AAC | IEEE 802.11ax (40 MHz, MCS8, 90pc duty cycle)  | WLAN  | 8.82     | ±9.6                     |
| 10704 | AAC | IEEE 802.11ax (40 MHz, MCS9, 90pc duty cycle)  | WLAN  | 8.56     | ±9.6                     |
| 10705 | AAC | IEEE 802.11ax (40 MHz, MCS10, 90pc duty cycle) | WLAN  | 8.69     | ±9.6                     |
| 10706 | AAC | IEEE 802.11ax (40 MHz, MCS11, 90pc duty cycle) | WLAN  | 8.66     | ±9.6                     |
| 10707 | AAC | IEEE 802.11ax (40 MHz, MCS0, 99pc duty cycle)  | WLAN  | 8.32     | ±9.6                     |
| 10708 | AAC | IEEE 802.11ax (40 MHz, MCS1, 99pc duty cycle)  | WLAN  | 8.55     | ±9.6                     |
| 10709 | AAC | IEEE 802.11ax (40 MHz, MCS2, 99pc duty cycle)  | WLAN  | 8.33     | ±9.6                     |
| 10710 | AAC | IEEE 802.11ax (40 MHz, MCS3, 99pc duty cycle)  | WLAN  | 8.29     | ±9.6                     |
| 10711 | AAC | IEEE 802.11ax (40 MHz, MCS4, 99pc duty cycle)  | WLAN  | 8.39     | ±9.6                     |
| 10712 | AAC | IEEE 802.11ax (40 MHz, MCS5, 99pc duty cycle)  | WLAN  | 8.67     | ±9.6                     |
| 10713 | AAC | IEEE 802.11ax (40 MHz, MCS6, 99pc duty cycle)  | WLAN  | 8.33     | ±9.6                     |
| 10714 | AAC | IEEE 802.11ax (40 MHz, MCS7, 99pc duty cycle)  | WLAN  | 8.26     | ±9.6                     |
| 10715 | AAC | IEEE 802.11ax (40 MHz, MCS8, 99pc duty cycle)  | WLAN  | 8.45     | ±9.6                     |
| 10716 | AAC | IEEE 802.11ax (40 MHz, MCS9, 99pc duty cycle)  | WLAN  | 8.30     | ±9.6                     |
| 10717 | AAC | IEEE 802.11ax (40 MHz, MCS10, 99pc duty cycle) | WLAN  | 8.48     | ±9.6                     |
| 10718 | AAC | IEEE 802.11ax (40 MHz, MCS11, 99pc duty cycle) | WLAN  | 8.24     | ±9.6                     |
| 10719 | AAC | IEEE 802.11ax (80 MHz, MCS0, 90pc duty cycle)  | WLAN  | 8.81     | ±9.6                     |
| 10720 | AAC | IEEE 802.11ax (80 MHz, MCS1, 90pc duty cycle)  | WLAN  | 8.87     | ±9.6                     |
| 10721 | AAC | IEEE 802.11ax (80 MHz, MCS2, 90pc duty cycle)  | WLAN  | 8.76     | ±9.6                     |
| 10722 | AAC | IEEE 802.11ax (80 MHz, MCS3, 90pc duty cycle)  | WLAN  | 8.55     | ±9.6                     |
| 10723 | AAC | IEEE 802.11ax (80 MHz, MCS4, 90pc duty cycle)  | WLAN  | 8.70     | ±9.6                     |
| 10724 | AAC | IEEE 802.11ax (80 MHz, MCS5, 90pc duty cycle)  | WLAN  | 8.90     | ±9.6                     |
| 10725 | AAC | IEEE 802.11ax (80 MHz, MCS6, 90pc duty cycle)  | WLAN  | 8.74     | ±9.6                     |
| 10726 | AAC | IEEE 802.11ax (80 MHz, MCS7, 90pc duty cycle)  | WLAN  | 8.72     | ±9.6                     |
| 10727 | AAC | IEEE 802.11ax (80 MHz, MCS8, 90pc duty cycle)  | WLAN  | 8.66     | ±9.6                     |
| 10728 | AAC | IEEE 802.11ax (80 MHz, MCS9, 90pc duty cycle)  | WLAN  | 8.65     | ±9.6                     |
| 10729 | AAC | IEEE 802.11ax (80 MHz, MCS10, 90pc duty cycle) | WLAN  | 8.64     | ±9.6                     |
| 10730 | AAC | IEEE 802.11ax (80 MHz, MCS11, 90pc duty cycle) | WLAN  | 8.67     | ±9.6                     |
| 10731 | AAC | IEEE 802.11ax (80 MHz, MCS0, 99pc duty cycle)  | WLAN  | 8.42     | ±9.6                     |
| 10732 | AAC | IEEE 802.11ax (80 MHz, MCS1, 99pc duty cycle)  | WLAN  | 8.46     | ±9.6                     |
| 10733 | AAC | IEEE 802.11ax (80 MHz, MCS2, 99pc duty cycle)  | WLAN  | 8.40     | ±9.6                     |
| 10734 | AAC | IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle)  | WLAN  | 8.25     | ±9.6                     |
| 10735 | AAC | IEEE 802.11ax (80 MHz, MCS4, 99pc duty cycle)  | WLAN  | 8.33     | ±9.6                     |
| 10736 | AAC | IEEE 802.11ax (80 MHz, MCS5, 99pc duty cycle)  | WLAN  | 8.27     | ±9.6                     |
| 10737 | AAC | IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle)  | WLAN  | 8.36     | ±9.6                     |
| 10738 | AAC | IEEE 802.11ax (80 MHz, MCS7, 99pc duty cycle)  | WLAN  | 8.42     | ±9.6                     |
| 10739 | AAC | IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle)  | WLAN  | 8.29     | ±9.6                     |
| 10740 | AAC | IEEE 802.11ax (80 MHz, MCS9, 99pc duty cycle)  | WLAN  | 8.48     | ±9.6                     |
| 10741 | AAC | IEEE 802.11ax (80 MHz, MCS10, 99pc duty cycle) | WLAN  | 8.40     | ±9.6                     |
| 10742 | AAC | IEEE 802.11ax (80 MHz, MCS11, 99pc duty cycle) | WLAN  | 8.43     | ±9.6                     |
| 10743 | AAC | IEEE 802.11ax (160 MHz, MCS0, 90pc duty cycle) | WLAN  | 8.94     | ±9.6                     |
| 10744 | AAC | IEEE 802.11ax (160 MHz, MCS1, 90pc duty cycle) | WLAN  | 9.16     | ±9.6                     |
| 10745 | AAC | IEEE 802.11ax (160 MHz, MCS2, 90pc duty cycle) | WLAN  | 8.93     | ±9.6                     |
| 10746 | AAC | IEEE 802.11ax (160 MHz, MCS3, 90pc duty cycle) | WLAN  | 9.11     | ±9.6                     |
| 10747 | AAC | IEEE 802.11ax (160 MHz, MCS4, 90pc duty cycle) | WLAN  | 9.04     | ±9.6                     |
| 10748 | AAC | IEEE 802.11ax (160 MHz, MCS5, 90pc duty cycle) | WLAN  | 8.93     | ±9.6                     |
| 10749 | AAC | IEEE 802.11ax (160 MHz, MCS6, 90pc duty cycle) | WLAN  | 8.90     | ±9.6                     |
| 10750 | AAC | IEEE 802.11ax (160 MHz, MCS7, 90pc duty cycle) | WLAN  | 8.79     | ±9.6                     |
| 10751 | AAC | IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle) | WLAN  | 8.82     | ±9.6                     |
| 10752 | AAC | IEEE 802.11ax (160 MHz, MCS9, 90pc duty cycle) | WLAN  | 8.81     | ±9.6                     |

| UID   | Rev | Communication System Name                       | Group         | PAR (dB) | Unc <sup>E</sup> k = 2 |
|-------|-----|-------------------------------------------------|---------------|----------|------------------------|
| 10753 | AAC | IEEE 802.11ax (160 MHz, MCS10, 90pc duty cycle) | WLAN          | 9.00     | ±9.6                   |
| 10754 | AAC | IEEE 802.11ax (160 MHz, MCS11, 90pc duty cycle) | WLAN          | 8.94     | ±9.6                   |
| 10755 | AAC | IEEE 802.11ax (160 MHz, MCS0, 99pc duty cycle)  | WLAN          | 8.64     | ±9.6                   |
| 10756 | AAC | IEEE 802.11ax (160 MHz, MCS1, 99pc duty cycle)  | WLAN          | 8.77     | ±9.6                   |
| 10757 | AAC | IEEE 802.11ax (160 MHz, MCS2, 99pc duty cycle)  | WLAN          | 8.77     | ±9.6                   |
| 10758 | AAC | IEEE 802.11ax (160 MHz, MCS3, 99pc duty cycle)  | WLAN          | 8.69     | ±9.6                   |
| 10759 | AAC | IEEE 802.11ax (160 MHz, MCS4, 99pc duty cycle)  | WLAN          | 8.58     | ±9.6                   |
| 10760 | AAC | IEEE 802.11ax (160 MHz, MCS5, 99pc duty cycle)  | WLAN          | 8.49     | ±9.6                   |
| 10761 | AAC | IEEE 802.11ax (160 MHz, MCS6, 99pc duty cycle)  | WLAN          | 8.58     | ±9.6                   |
| 10762 | AAC | IEEE 802.11ax (160 MHz, MCS7, 99pc duty cycle)  | WLAN          | 8.49     | ±9.6                   |
| 10763 | AAC | IEEE 802.11ax (160 MHz, MCS8, 99pc duty cycle)  | WLAN          | 8.53     | ±9.6                   |
| 10764 | AAC | IEEE 802.11ax (160 MHz, MCS9, 99pc duty cycle)  | WLAN          | 8.54     | ±9.6                   |
| 10765 | AAC | IEEE 802.11ax (160 MHz, MCS10, 99pc duty cycle) | WLAN          | 8.54     | ±9.6                   |
| 10766 | AAC | IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle) | WLAN          | 8.51     | ±9.6                   |
| 10767 | AAG | 5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)      | 5G NR FR1 TDD | 7.99     | ±9.6                   |
| 10768 | AAE | 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)     | 5G NR FR1 TDD | 8.01     | ±9.6                   |
| 10769 | AAD | 5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)     | 5G NR FR1 TDD | 8.01     | ±9.6                   |
| 10770 | AAE | 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)     | 5G NR FR1 TDD | 8.02     | ±9.6                   |
| 10771 | AAD | 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)     | 5G NR FR1 TDD | 8.02     | ±9.6                   |
| 10772 | AAE | 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)     | 5G NR FR1 TDD | 8.23     | ±9.6                   |
| 10773 | AAF | 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)     | 5G NR FR1 TDD | 8.03     | ±9.6                   |
| 10774 | AAE | 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)     | 5G NR FR1 TDD | 8.02     | ±9.6                   |
| 10775 | AAF | 5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)    | 5G NR FR1 TDD | 8.31     | ±9.6                   |
| 10776 | AAE | 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)   | 5G NR FR1 TDD | 8.30     | ±9.6                   |
| 10777 | AAC | 5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)   | 5G NR FR1 TDD | 8.30     | ±9.6                   |
| 10778 | AAE | 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)   | 5G NR FR1 TDD | 8.34     | ±9.6                   |
| 10779 | AAC | 5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)   | 5G NR FR1 TDD | 8.42     | ±9.6                   |
| 10780 | AAE | 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)   | 5G NR FR1 TDD | 8.38     | ±9.6                   |
| 10781 | AAF | 5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)   | 5G NR FR1 TDD | 8.38     | ±9.6                   |
| 10782 | AAE | 5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)   | 5G NR FR1 TDD | 8.43     | ±9.6                   |
| 10783 | AAG | 5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)   | 5G NR FR1 TDD | 8.31     | ±9.6                   |
| 10784 | AAE | 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)  | 5G NR FR1 TDD | 8.29     | ±9.6                   |
| 10785 | AAD | 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)  | 5G NR FR1 TDD | 8.40     | ±9.6                   |
| 10786 | AAE | 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)  | 5G NR FR1 TDD | 8.35     | ±9.6                   |
| 10787 | AAD | 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)  | 5G NR FR1 TDD | 8.44     | ±9.6                   |
| 10788 | AAE | 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)  | 5G NR FR1 TDD | 8.39     | ±9.6                   |
| 10789 | AAF | 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)  | 5G NR FR1 TDD | 8.37     | ±9.6                   |
| 10790 | AAE | 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)  | 5G NR FR1 TDD | 8.39     | ±9.6                   |
| 10791 | AAG | 5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)      | 5G NR FR1 TDD | 7.83     | ±9.6                   |
| 10792 | AAE | 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 7.92     | ±9.6                   |
| 10793 | AAD | 5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 7.95     | ±9.6                   |
| 10794 | AAE | 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 7.82     | ±9.6                   |
| 10795 | AAD | 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 7.84     | ±9.6                   |
| 10796 | AAE | 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 7.82     | ±9.6                   |
| 10797 | AAF | 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 8.01     | ±9.6                   |
| 10798 | AAE | 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 7.89     | ±9.6                   |
| 10799 | AAF | 5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 7.93     | ±9.6                   |
| 10801 | AAF | 5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 7.89     | ±9.6                   |
| 10802 | AAE | 5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 7.87     | ±9.6                   |
| 10803 | AAF | 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)    | 5G NR FR1 TDD | 7.93     | ±9.6                   |
| 10805 | AAE | 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 8.34     | ±9.6                   |
| 10806 | AAD | 5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 8.37     | ±9.6                   |
| 10809 | AAE | 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 8.34     | ±9.6                   |
| 10810 | AAF | 5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 8.34     | ±9.6                   |
| 10812 | AAF | 5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 8.35     | ±9.6                   |
| 10817 | AAG | 5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 8.35     | ±9.6                   |
| 10818 | AAE | 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)  | 5G NR FR1 TDD | 8.34     | ±9.6                   |
| 10819 | AAD | 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)  | 5G NR FR1 TDD | 8.33     | ±9.6                   |
| 10820 | AAE | 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)  | 5G NR FR1 TDD | 8.30     | ±9.6                   |
| 10821 | AAD | 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)  | 5G NR FR1 TDD | 8.41     | ±9.6                   |
| 10822 | AAE | 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)  | 5G NR FR1 TDD | 8.41     | ±9.6                   |
| 10823 | AAF | 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)  | 5G NR FR1 TDD | 8.36     | ±9.6                   |
| 10824 | AAE | 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)  | 5G NR FR1 TDD | 8.39     | ±9.6                   |
| 10825 | AAF | 5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)  | 5G NR FR1 TDD | 8.41     | ±9.6                   |
| 10827 | AAF | 5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)  | 5G NR FR1 TDD | 8.42     | ±9.6                   |
| 10828 | AAE | 5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)  | 5G NR FR1 TDD | 8.43     | ±9.6                   |

| UID   | Rev | Communication System Name                            | Group         | PAR (dB) | Unc <sup>E</sup> $k = 2$ |
|-------|-----|------------------------------------------------------|---------------|----------|--------------------------|
| 10829 | AAF | 5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)      | 5G NR FR1 TDD | 8.40     | ±9.6                     |
| 10830 | AAE | 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)          | 5G NR FR1 TDD | 7.63     | ±9.6                     |
| 10831 | AAD | 5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)          | 5G NR FR1 TDD | 7.73     | ±9.6                     |
| 10832 | AAE | 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)          | 5G NR FR1 TDD | 7.74     | ±9.6                     |
| 10833 | AAD | 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)          | 5G NR FR1 TDD | 7.70     | ±9.6                     |
| 10834 | AAE | 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)          | 5G NR FR1 TDD | 7.75     | ±9.6                     |
| 10835 | AAF | 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)          | 5G NR FR1 TDD | 7.70     | ±9.6                     |
| 10836 | AAE | 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)          | 5G NR FR1 TDD | 7.66     | ±9.6                     |
| 10837 | AAF | 5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)          | 5G NR FR1 TDD | 7.68     | ±9.6                     |
| 10839 | AAF | 5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)          | 5G NR FR1 TDD | 7.70     | ±9.6                     |
| 10840 | AAE | 5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)          | 5G NR FR1 TDD | 7.67     | ±9.6                     |
| 10841 | AAF | 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)         | 5G NR FR1 TDD | 7.71     | ±9.6                     |
| 10843 | AAD | 5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)        | 5G NR FR1 TDD | 8.49     | ±9.6                     |
| 10844 | AAE | 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)        | 5G NR FR1 TDD | 8.34     | ±9.6                     |
| 10846 | AAE | 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)        | 5G NR FR1 TDD | 8.41     | ±9.6                     |
| 10854 | AAE | 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)       | 5G NR FR1 TDD | 8.34     | ±9.6                     |
| 10855 | AAD | 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)       | 5G NR FR1 TDD | 8.36     | ±9.6                     |
| 10856 | AAE | 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)       | 5G NR FR1 TDD | 8.37     | ±9.6                     |
| 10857 | AAD | 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)       | 5G NR FR1 TDD | 8.35     | ±9.6                     |
| 10858 | AAE | 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)       | 5G NR FR1 TDD | 8.36     | ±9.6                     |
| 10859 | AAF | 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)       | 5G NR FR1 TDD | 8.34     | ±9.6                     |
| 10860 | AAE | 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)       | 5G NR FR1 TDD | 8.41     | ±9.6                     |
| 10861 | AAF | 5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)       | 5G NR FR1 TDD | 8.40     | ±9.6                     |
| 10863 | AAF | 5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)       | 5G NR FR1 TDD | 8.41     | ±9.6                     |
| 10864 | AAE | 5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)       | 5G NR FR1 TDD | 8.37     | ±9.6                     |
| 10865 | AAF | 5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)      | 5G NR FR1 TDD | 8.41     | ±9.6                     |
| 10866 | AAF | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)      | 5G NR FR1 TDD | 5.68     | ±9.6                     |
| 10868 | AAF | 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 5.89     | ±9.6                     |
| 10869 | AAE | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)     | 5G NR FR2 TDD | 5.75     | ±9.6                     |
| 10870 | AAE | 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)  | 5G NR FR2 TDD | 5.86     | ±9.6                     |
| 10871 | AAE | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)    | 5G NR FR2 TDD | 5.75     | ±9.6                     |
| 10872 | AAE | 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz) | 5G NR FR2 TDD | 6.52     | ±9.6                     |
| 10873 | AAE | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)    | 5G NR FR2 TDD | 6.61     | ±9.6                     |
| 10874 | AAE | 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz) | 5G NR FR2 TDD | 6.65     | ±9.6                     |
| 10875 | AAE | 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)        | 5G NR FR2 TDD | 7.78     | ±9.6                     |
| 10876 | AAE | 5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)     | 5G NR FR2 TDD | 8.39     | ±9.6                     |
| 10877 | AAE | 5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)       | 5G NR FR2 TDD | 7.95     | ±9.6                     |
| 10878 | AAE | 5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)    | 5G NR FR2 TDD | 8.41     | ±9.6                     |
| 10879 | AAE | 5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)       | 5G NR FR2 TDD | 8.12     | ±9.6                     |
| 10880 | AAE | 5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)    | 5G NR FR2 TDD | 8.38     | ±9.6                     |
| 10881 | AAE | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)      | 5G NR FR2 TDD | 5.75     | ±9.6                     |
| 10882 | AAE | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)   | 5G NR FR2 TDD | 5.96     | ±9.6                     |
| 10883 | AAE | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)     | 5G NR FR2 TDD | 6.57     | ±9.6                     |
| 10884 | AAE | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)  | 5G NR FR2 TDD | 6.53     | ±9.6                     |
| 10885 | AAE | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)     | 5G NR FR2 TDD | 6.61     | ±9.6                     |
| 10886 | AAE | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)  | 5G NR FR2 TDD | 6.65     | ±9.6                     |
| 10887 | AAE | 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)         | 5G NR FR2 TDD | 7.78     | ±9.6                     |
| 10888 | AAE | 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)      | 5G NR FR2 TDD | 8.35     | ±9.6                     |
| 10889 | AAE | 5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)        | 5G NR FR2 TDD | 8.02     | ±9.6                     |
| 10890 | AAE | 5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)     | 5G NR FR2 TDD | 8.40     | ±9.6                     |
| 10891 | AAE | 5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)        | 5G NR FR2 TDD | 8.13     | ±9.6                     |
| 10892 | AAE | 5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)     | 5G NR FR2 TDD | 8.41     | ±9.6                     |
| 10897 | AAE | 5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)        | 5G NR FR1 TDD | 5.66     | ±9.6                     |
| 10898 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)       | 5G NR FR1 TDD | 5.67     | ±9.6                     |
| 10899 | AAB | 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)       | 5G NR FR1 TDD | 5.67     | ±9.6                     |
| 10900 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)       | 5G NR FR1 TDD | 5.68     | ±9.6                     |
| 10901 | AAB | 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)       | 5G NR FR1 TDD | 5.68     | ±9.6                     |
| 10902 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)       | 5G NR FR1 TDD | 5.68     | ±9.6                     |
| 10903 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)       | 5G NR FR1 TDD | 5.68     | ±9.6                     |
| 10904 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)       | 5G NR FR1 TDD | 5.68     | ±9.6                     |
| 10905 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)       | 5G NR FR1 TDD | 5.68     | ±9.6                     |
| 10906 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)       | 5G NR FR1 TDD | 5.68     | ±9.6                     |
| 10907 | AAE | 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)      | 5G NR FR1 TDD | 5.78     | ±9.6                     |
| 10908 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 5.93     | ±9.6                     |
| 10909 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 5.96     | ±9.6                     |
| 10910 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 5.83     | ±9.6                     |

| UID   | Rev | Communication System Name                           | Group         | PAR (dB) | Unc <sup>F</sup> k = 2 |
|-------|-----|-----------------------------------------------------|---------------|----------|------------------------|
| 10911 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)    | 5G NR FR1 TDD | 5.93     | ±9.6                   |
| 10912 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)    | 5G NR FR1 TDD | 5.84     | ±9.6                   |
| 10913 | AAD | 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)    | 5G NR FR1 TDD | 5.84     | ±9.6                   |
| 10914 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)    | 5G NR FR1 TDD | 5.85     | ±9.6                   |
| 10915 | AAD | 5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)    | 5G NR FR1 TDD | 5.83     | ±9.6                   |
| 10916 | AAD | 5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)    | 5G NR FR1 TDD | 5.87     | ±9.6                   |
| 10917 | AAD | 5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 5.94     | ±9.6                   |
| 10918 | AAE | 5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)    | 5G NR FR1 TDD | 5.86     | ±9.6                   |
| 10919 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 5.86     | ±9.6                   |
| 10920 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 5.87     | ±9.6                   |
| 10921 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 5.84     | ±9.6                   |
| 10922 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 5.82     | ±9.6                   |
| 10923 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 5.84     | ±9.6                   |
| 10924 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 5.84     | ±9.6                   |
| 10925 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 5.95     | ±9.6                   |
| 10926 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 5.84     | ±9.6                   |
| 10927 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 5.94     | ±9.6                   |
| 10928 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)       | 5G NR FR1 FDD | 5.52     | ±9.6                   |
| 10929 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)      | 5G NR FR1 FDD | 5.52     | ±9.6                   |
| 10930 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)      | 5G NR FR1 FDD | 5.52     | ±9.6                   |
| 10931 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)      | 5G NR FR1 FDD | 5.51     | ±9.6                   |
| 10932 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)      | 5G NR FR1 FDD | 5.51     | ±9.6                   |
| 10933 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)      | 5G NR FR1 FDD | 5.51     | ±9.6                   |
| 10934 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)      | 5G NR FR1 FDD | 5.51     | ±9.6                   |
| 10935 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)      | 5G NR FR1 FDD | 5.51     | ±9.6                   |
| 10936 | AAD | 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)     | 5G NR FR1 FDD | 5.90     | ±9.6                   |
| 10937 | AAD | 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)    | 5G NR FR1 FDD | 5.77     | ±9.6                   |
| 10938 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)    | 5G NR FR1 FDD | 5.90     | ±9.6                   |
| 10939 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)    | 5G NR FR1 FDD | 5.82     | ±9.6                   |
| 10940 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)    | 5G NR FR1 FDD | 5.89     | ±9.6                   |
| 10941 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)    | 5G NR FR1 FDD | 5.83     | ±9.6                   |
| 10942 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)    | 5G NR FR1 FDD | 5.85     | ±9.6                   |
| 10943 | AAD | 5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)    | 5G NR FR1 FDD | 5.95     | ±9.6                   |
| 10944 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)    | 5G NR FR1 FDD | 5.81     | ±9.6                   |
| 10945 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)   | 5G NR FR1 FDD | 5.85     | ±9.6                   |
| 10946 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)   | 5G NR FR1 FDD | 5.83     | ±9.6                   |
| 10947 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)   | 5G NR FR1 FDD | 5.87     | ±9.6                   |
| 10948 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)   | 5G NR FR1 FDD | 5.94     | ±9.6                   |
| 10949 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)   | 5G NR FR1 FDD | 5.87     | ±9.6                   |
| 10950 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)   | 5G NR FR1 FDD | 5.94     | ±9.6                   |
| 10951 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)   | 5G NR FR1 FDD | 5.92     | ±9.6                   |
| 10952 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)   | 5G NR FR1 FDD | 8.25     | ±9.6                   |
| 10953 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)  | 5G NR FR1 FDD | 8.15     | ±9.6                   |
| 10954 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)  | 5G NR FR1 FDD | 8.23     | ±9.6                   |
| 10955 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)  | 5G NR FR1 FDD | 8.42     | ±9.6                   |
| 10956 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)   | 5G NR FR1 FDD | 8.14     | ±9.6                   |
| 10957 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)  | 5G NR FR1 FDD | 8.31     | ±9.6                   |
| 10958 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)  | 5G NR FR1 FDD | 8.61     | ±9.6                   |
| 10959 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)  | 5G NR FR1 FDD | 8.33     | ±9.6                   |
| 10960 | AAE | 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)   | 5G NR FR1 TDD | 9.32     | ±9.6                   |
| 10961 | AAC | 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)  | 5G NR FR1 TDD | 9.36     | ±9.6                   |
| 10962 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)  | 5G NR FR1 TDD | 9.40     | ±9.6                   |
| 10963 | AAC | 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)  | 5G NR FR1 TDD | 9.55     | ±9.6                   |
| 10964 | AAE | 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)   | 5G NR FR1 TDD | 9.29     | ±9.6                   |
| 10965 | AAC | 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)  | 5G NR FR1 TDD | 9.37     | ±9.6                   |
| 10966 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)  | 5G NR FR1 TDD | 9.55     | ±9.6                   |
| 10967 | AAC | 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)  | 5G NR FR1 TDD | 9.42     | ±9.6                   |
| 10968 | AAD | 5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.49     | ±9.6                   |
| 10972 | AAC | 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)         | 5G NR FR1 TDD | 11.59    | ±9.6                   |
| 10973 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 9.06     | ±9.6                   |
| 10974 | AAD | 5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)  | 5G NR FR1 TDD | 10.28    | ±9.6                   |
| 10978 | AAA | ULLA BDR                                            | ULLA          | 1.16     | ±9.6                   |
| 10979 | AAA | ULLA HDR4                                           | ULLA          | 8.58     | ±9.6                   |
| 10980 | AAA | ULLA HDR8                                           | ULLA          | 10.32    | ±9.6                   |
| 10981 | AAA | ULLA HDRp4                                          | ULLA          | 3.19     | ±9.6                   |
| 10982 | AAA | ULLA HDRp8                                          | ULLA          | 3.43     | ±9.6                   |

| UID   | Rev | Communication System Name                          | Group         | PAR (dB) | Unc <sup>E</sup> $k = 2$ |
|-------|-----|----------------------------------------------------|---------------|----------|--------------------------|
| 10983 | AAC | 5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz) | 5G NR FR1 TDD | 9.31     | ±9.6                     |
| 10984 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz) | 5G NR FR1 TDD | 9.42     | ±9.6                     |
| 10985 | AAC | 5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.54     | ±9.6                     |
| 10986 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.50     | ±9.6                     |
| 10987 | AAC | 5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.53     | ±9.6                     |
| 10988 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.38     | ±9.6                     |
| 10989 | AAC | 5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.33     | ±9.6                     |
| 10990 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.52     | ±9.6                     |
| 11003 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz) | 5G NR FR1 TDD | 10.24    | ±9.6                     |
| 11004 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 10.73    | ±9.6                     |
| 11005 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 15 kHz) | 5G NR FR1 FDD | 8.70     | ±9.6                     |
| 11006 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz) | 5G NR FR1 FDD | 8.55     | ±9.6                     |
| 11007 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz) | 5G NR FR1 FDD | 8.46     | ±9.6                     |
| 11008 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz) | 5G NR FR1 FDD | 8.51     | ±9.6                     |
| 11009 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 30 kHz) | 5G NR FR1 FDD | 8.76     | ±9.6                     |
| 11010 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz) | 5G NR FR1 FDD | 8.95     | ±9.6                     |
| 11011 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz) | 5G NR FR1 FDD | 8.96     | ±9.6                     |
| 11012 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz) | 5G NR FR1 FDD | 8.68     | ±9.6                     |
| 11013 | AAB | IEEE 802.11be (320 MHz, MCS1, 99pc duty cycle)     | WLAN          | 8.47     | ±9.6                     |
| 11014 | AAB | IEEE 802.11be (320 MHz, MCS2, 99pc duty cycle)     | WLAN          | 8.45     | ±9.6                     |
| 11015 | AAB | IEEE 802.11be (320 MHz, MCS3, 99pc duty cycle)     | WLAN          | 8.44     | ±9.6                     |
| 11016 | AAB | IEEE 802.11be (320 MHz, MCS4, 99pc duty cycle)     | WLAN          | 8.44     | ±9.6                     |
| 11017 | AAB | IEEE 802.11be (320 MHz, MCS5, 99pc duty cycle)     | WLAN          | 8.41     | ±9.6                     |
| 11018 | AAB | IEEE 802.11be (320 MHz, MCS6, 99pc duty cycle)     | WLAN          | 8.40     | ±9.6                     |
| 11019 | AAB | IEEE 802.11be (320 MHz, MCS7, 99pc duty cycle)     | WLAN          | 8.29     | ±9.6                     |
| 11020 | AAB | IEEE 802.11be (320 MHz, MCS8, 99pc duty cycle)     | WLAN          | 8.27     | ±9.6                     |
| 11021 | AAB | IEEE 802.11be (320 MHz, MCS9, 99pc duty cycle)     | WLAN          | 8.46     | ±9.6                     |
| 11022 | AAB | IEEE 802.11be (320 MHz, MCS10, 99pc duty cycle)    | WLAN          | 8.36     | ±9.6                     |
| 11023 | AAB | IEEE 802.11be (320 MHz, MCS11, 99pc duty cycle)    | WLAN          | 8.09     | ±9.6                     |
| 11024 | AAB | IEEE 802.11be (320 MHz, MCS12, 99pc duty cycle)    | WLAN          | 8.42     | ±9.6                     |
| 11025 | AAB | IEEE 802.11be (320 MHz, MCS13, 99pc duty cycle)    | WLAN          | 8.37     | ±9.6                     |
| 11026 | AAB | IEEE 802.11be (320 MHz, MCS0, 99pc duty cycle)     | WLAN          | 8.39     | ±9.6                     |

<sup>E</sup> Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.

**Calibration Laboratory of**Schmid & Partner  
Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland

**S** Schweizerischer Kalibrierdienst  
**C** Service suisse d'étalonnage  
**S** Servizio svizzero di taratura  
**S** Swiss Calibration Service

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The Swiss Accreditation Service is one of the signatories to the EA  
Multilateral Agreement for the recognition of calibration certificatesAccreditation No.: **SCS 0108**

Client

**B.V. ADT**  
Taoyuan City

Certificate No.

**EX-7736\_Feb25****CALIBRATION CERTIFICATE**

Object

EX3DV4 - SN:7736

Calibration procedure(s)

QA CAL-01.v10, QA CAL-12.v10, QA CAL-14.v7, QA CAL-23.v6,  
QA CAL-25.v8  
Calibration procedure for dosimetric E-field probes

Calibration date

February 17, 2025

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).  
The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature  $(22 \pm 3) ^\circ\text{C}$  and humidity  $< 70\%$ .

Calibration Equipment used (M&TE critical for calibration)

| Primary Standards                    | ID         | Calibration Date (Certificate No.)     | Sched. Cal. |
|--------------------------------------|------------|----------------------------------------|-------------|
| Power Sensor R&S NRP-33T             | SN: 100967 | 28-Mar-24 (No. 217-04038)              | Mar-25      |
| Short [S6019i] + Attenuator [S6020i] | SN: L1119  | 26-Mar-24 (No. 217-04048)              | Mar-25      |
| OCP DAK-12                           | SN: 1016   | 24-Sept-24 (No. OCP-DAK12-1016_Sep24)  | Sep-25      |
| OCP DAK-3.5                          | SN: 1249   | 23-Sept-24 (No. OCP-DAK3.5-1249_Sep24) | Sep-25      |
| Reference Probe EX3DV4               | SN: 7349   | 10-Jan-25 (No. EX3-7349_Jan25)         | Jan-26      |
| DAE4                                 | SN: 1301   | 07-Nov-24 (No. DAE4-1301_Nov24)        | Nov-25      |

| Secondary Standards       | ID        | Check Date (in house)                            | Sched. Check |
|---------------------------|-----------|--------------------------------------------------|--------------|
| ACAP 2020 Calibration Box | SN: L1404 | 30-Sept-24 (No. Report_ACAP2020E-Cave_20240930s) | Sep-25       |

|                                                                                                                 |                    |                       |           |
|-----------------------------------------------------------------------------------------------------------------|--------------------|-----------------------|-----------|
|                                                                                                                 | Name               | Function              | Signature |
| Calibrated by                                                                                                   | Aidonia Georgiadou | Laboratory Technician |           |
| Approved by                                                                                                     | Sven Kühn          | Technical Manager     |           |
| This calibration certificate shall not be reproduced except in full without written approval of the laboratory. |                    |                       |           |

Issued: February 17, 2025

Certificate No: EX-7736\_Feb25

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## Calibration Laboratory of

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S Schweizerischer Kalibrierdienst  
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S Swiss Calibration Service

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Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: SCS 0108

## Glossary

|                          |                                                                                                                                                      |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| TSL                      | tissue simulating liquid                                                                                                                             |
| NORM <sub>x,y,z</sub>    | sensitivity in free space                                                                                                                            |
| ConvF                    | sensitivity in TSL / NORM <sub>x,y,z</sub>                                                                                                           |
| DCP                      | diode compression point                                                                                                                              |
| CF                       | crest factor (1/duty_cycle) of the RF signal                                                                                                         |
| A, B, C, D               | modulation dependent linearization parameters                                                                                                        |
| Polarization $\varphi$   | $\varphi$ rotation around probe axis                                                                                                                 |
| Polarization $\vartheta$ | $\vartheta$ rotation around an axis that is in the plane normal to probe axis (at measurement center), i.e., $\vartheta = 0$ is normal to probe axis |
| Connector Angle          | information used in DASY system to align probe sensor X to the robot coordinate system                                                               |

## Calibration is Performed According to the Following Standards:

- IEC/IEEE 62209-1528, "Measurement Procedure For The Assessment Of Specific Absorption Rate Of Human Exposure To Radio Frequency Fields From Hand-Held And Body-Worn Wireless Communication Devices – Part 1528: Human Models, Instrumentation And Procedures (Frequency Range of 4 MHz to 10 GHz)", October 2020.
- KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

## Methods Applied and Interpretation of Parameters:

- NORM<sub>x,y,z</sub>**: Assessed for E-field polarization  $\vartheta = 0$  ( $f \leq 900$  MHz in TEM-cell;  $f > 1800$  MHz: R22 waveguide). NORM<sub>x,y,z</sub> are only intermediate values, i.e., the uncertainties of NORM<sub>x,y,z</sub> does not affect the E<sup>2</sup>-field uncertainty inside TSL (see below ConvF).
- NORM(f)<sub>x,y,z</sub>** = NORM<sub>x,y,z</sub> \* frequency\_response (see Frequency Response Chart). This linearization is implemented in DASY4 software versions later than 4.2. The uncertainty of the frequency response is included in the stated uncertainty of ConvF.
- DCP<sub>x,y,z</sub>**: DCP are numerical linearization parameters assessed based on the data of power sweep with CW signal. DCP does not depend on frequency nor media.
- PAR**: PAR is the Peak to Average Ratio that is not calibrated but determined based on the signal characteristics
- A<sub>x,y,z</sub>; B<sub>x,y,z</sub>; C<sub>x,y,z</sub>; D<sub>x,y,z</sub>; VR<sub>x,y,z</sub>**: A, B, C, D are numerical linearization parameters assessed based on the data of power sweep for specific modulation signal. The parameters do not depend on frequency nor media. VR is the maximum calibration range expressed in RMS voltage across the diode.
- ConvF and Boundary Effect Parameters**: Assessed in flat phantom using E-field (or Temperature Transfer Standard for  $f \leq 800$  MHz) and inside waveguide using analytical field distributions based on power measurements for  $f > 800$  MHz. The same setups are used for assessment of the parameters applied for boundary compensation (alpha, depth) of which typical uncertainty values are given. These parameters are used in DASY4 software to improve probe accuracy close to the boundary. The sensitivity in TSL corresponds to NORM<sub>x,y,z</sub> \* ConvF whereby the uncertainty corresponds to that given for ConvF. A frequency dependent ConvF is used in DASY version 4.4 and higher which allows extending the validity from  $\pm 50$  MHz to  $\pm 100$  MHz.
- Spherical isotropy (3D deviation from isotropy)**: in a field of low gradients realized using a flat phantom exposed by a patch antenna.
- Sensor Offset**: The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis). No tolerance required.
- Connector Angle**: The angle is assessed using the information gained by determining the NORM<sub>x</sub> (no uncertainty required).

## Parameters of Probe: EX3DV4 - SN:7736

### Basic Calibration Parameters

|                                                           | Sensor X | Sensor Y | Sensor Z | Unc (k = 2) |
|-----------------------------------------------------------|----------|----------|----------|-------------|
| Norm ( $\mu\text{V}/(\text{V}/\text{m})^2$ ) <sup>A</sup> | 0.47     | 0.47     | 0.47     | ±10.1%      |
| DCP (mV) <sup>B</sup>                                     | 105.7    | 102.5    | 103.4    | ±4.7%       |

### Calibration Results for Modulation Response

| UID   | Communication System Name   |   | A<br>dB | B<br>dB $\sqrt{\mu\text{V}}$ | C     | D<br>dB | VR<br>mV | Max<br>dev. | Max<br>Unc <sup>E</sup><br>k = 2 |
|-------|-----------------------------|---|---------|------------------------------|-------|---------|----------|-------------|----------------------------------|
| 0     | CW                          | X | 0.00    | 0.00                         | 1.00  | 0.00    | 147.0    | ±1.2%       | ±4.7%                            |
|       |                             | Y | 0.00    | 0.00                         | 1.00  |         | 128.4    |             |                                  |
|       |                             | Z | 0.00    | 0.00                         | 1.00  |         | 143.3    |             |                                  |
| 10352 | Pulse Waveform (200Hz, 10%) | X | 1.55    | 60.92                        | 6.80  | 10.00   | 60.0     | ±2.6%       | ±9.6%                            |
|       |                             | Y | 1.35    | 60.00                        | 6.17  |         | 60.0     |             |                                  |
|       |                             | Z | 1.63    | 61.54                        | 7.35  |         | 60.0     |             |                                  |
| 10353 | Pulse Waveform (200Hz, 20%) | X | 0.79    | 60.00                        | 5.21  | 6.99    | 80.0     | ±2.2%       | ±9.6%                            |
|       |                             | Y | 0.79    | 60.00                        | 5.04  |         | 80.0     |             |                                  |
|       |                             | Z | 0.77    | 60.00                        | 5.49  |         | 80.0     |             |                                  |
| 10354 | Pulse Waveform (200Hz, 40%) | X | 0.00    | 120.74                       | 1.33  | 3.98    | 95.0     | ±2.8%       | ±9.6%                            |
|       |                             | Y | 0.07    | 127.25                       | 0.29  |         | 95.0     |             |                                  |
|       |                             | Z | 0.39    | 60.00                        | 4.21  |         | 95.0     |             |                                  |
| 10355 | Pulse Waveform (200Hz, 60%) | X | 15.65   | 114.63                       | 2.81  | 2.22    | 120.0    | ±1.6%       | ±9.6%                            |
|       |                             | Y | 10.24   | 158.19                       | 6.84  |         | 120.0    |             |                                  |
|       |                             | Z | 9.75    | 156.03                       | 17.93 |         | 120.0    |             |                                  |
| 10387 | QPSK Waveform, 1 MHz        | X | 0.44    | 61.56                        | 11.07 | 1.00    | 150.0    | ±3.5%       | ±9.6%                            |
|       |                             | Y | 0.67    | 66.13                        | 14.02 |         | 150.0    |             |                                  |
|       |                             | Z | 0.52    | 62.77                        | 12.01 |         | 150.0    |             |                                  |
| 10388 | QPSK Waveform, 10 MHz       | X | 1.18    | 64.45                        | 12.96 | 0.00    | 150.0    | ±0.9%       | ±9.6%                            |
|       |                             | Y | 1.48    | 67.21                        | 14.74 |         | 150.0    |             |                                  |
|       |                             | Z | 1.29    | 65.21                        | 13.65 |         | 150.0    |             |                                  |
| 10396 | 64-QAM Waveform, 100 kHz    | X | 1.57    | 63.30                        | 15.22 | 3.01    | 150.0    | ±1.1%       | ±9.6%                            |
|       |                             | Y | 1.70    | 64.62                        | 16.11 |         | 150.0    |             |                                  |
|       |                             | Z | 1.57    | 63.22                        | 15.35 |         | 150.0    |             |                                  |
| 10399 | 64-QAM Waveform, 40 MHz     | X | 2.69    | 65.64                        | 14.68 | 0.00    | 150.0    | ±1.4%       | ±9.6%                            |
|       |                             | Y | 2.82    | 66.18                        | 15.18 |         | 150.0    |             |                                  |
|       |                             | Z | 2.78    | 65.85                        | 14.94 |         | 150.0    |             |                                  |
| 10414 | WLAN CCDF, 64-QAM, 40 MHz   | X | 3.81    | 66.20                        | 15.27 | 0.00    | 150.0    | ±2.7%       | ±9.6%                            |
|       |                             | Y | 3.93    | 66.44                        | 15.58 |         | 150.0    |             |                                  |
|       |                             | Z | 3.92    | 66.29                        | 15.47 |         | 150.0    |             |                                  |

Note: For details on UID parameters see Appendix

The reported uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k=2, which for a normal distribution corresponds to a coverage probability of approximately 95%.

<sup>A</sup> The uncertainties of Norm X,Y,Z do not affect the E<sup>2</sup>-field uncertainty inside TSL (see Pages 5 and 6).

<sup>B</sup> Linearization parameter uncertainty for maximum specified field strength.

<sup>E</sup> Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.

## Parameters of Probe: EX3DV4 - SN:7736

### Sensor Model Parameters

|   | C1<br>fF | C2<br>fF | $\alpha$<br>$V^{-1}$ | T1<br>$ms V^{-2}$ | T2<br>$ms V^{-1}$ | T3<br>ms | T4<br>$V^{-2}$ | T5<br>$V^{-1}$ | T6   |
|---|----------|----------|----------------------|-------------------|-------------------|----------|----------------|----------------|------|
| x | 9.1      | 65.60    | 33.47                | 2.89              | 0.00              | 4.94     | 0.33           | 0.00           | 1.00 |
| y | 9.6      | 70.41    | 34.06                | 3.17              | 0.00              | 4.90     | 0.34           | 0.00           | 1.00 |
| z | 9.9      | 72.57    | 34.42                | 2.49              | 0.00              | 4.95     | 0.27           | 0.00           | 1.00 |

### Other Probe Parameters

|                                               |            |
|-----------------------------------------------|------------|
| Sensor Arrangement                            | Triangular |
| Connector Angle                               | -41.7°     |
| Mechanical Surface Detection Mode             | enabled    |
| Optical Surface Detection Mode                | disabled   |
| Probe Overall Length                          | 337 mm     |
| Probe Body Diameter                           | 10 mm      |
| Tip Length                                    | 9 mm       |
| Tip Diameter                                  | 2.5 mm     |
| Probe Tip to Sensor X Calibration Point       | 1 mm       |
| Probe Tip to Sensor Y Calibration Point       | 1 mm       |
| Probe Tip to Sensor Z Calibration Point       | 1 mm       |
| Recommended Measurement Distance from Surface | 1.4 mm     |

**Note:** Measurement distance from surface can be increased to 3–4 mm for an *Area Scan* job.

## Parameters of Probe: EX3DV4 - SN:7736

### Calibration Parameter Determined in Head Tissue Simulating Media

| f (MHz) <sup>C</sup> | Relative Permittivity <sup>F</sup> | Conductivity <sup>F</sup> (S/m) | ConvF X | ConvF Y | ConvF Z | Alpha <sup>G</sup> | Depth <sup>G</sup> (mm) | Unc <sup>H</sup> (k = 2) |
|----------------------|------------------------------------|---------------------------------|---------|---------|---------|--------------------|-------------------------|--------------------------|
| 750                  | 41.9                               | 0.89                            | 8.49    | 9.32    | 9.12    | 0.38               | 1.27                    | ±11.0%                   |
| 835                  | 41.5                               | 0.90                            | 8.33    | 9.15    | 8.95    | 0.38               | 1.27                    | ±11.0%                   |
| 1750                 | 40.1                               | 1.37                            | 7.37    | 8.09    | 7.92    | 0.37               | 1.27                    | ±11.0%                   |
| 1900                 | 40.0                               | 1.40                            | 7.16    | 7.86    | 7.69    | 0.37               | 1.27                    | ±11.0%                   |
| 2000                 | 40.0                               | 1.40                            | 7.10    | 7.79    | 7.63    | 0.37               | 1.27                    | ±11.0%                   |
| 2300                 | 39.5                               | 1.67                            | 7.03    | 7.71    | 7.55    | 0.37               | 1.27                    | ±11.0%                   |
| 2450                 | 39.2                               | 1.80                            | 6.87    | 7.54    | 7.38    | 0.37               | 1.27                    | ±11.0%                   |
| 2600                 | 39.0                               | 1.96                            | 6.96    | 7.64    | 7.48    | 0.37               | 1.27                    | ±11.0%                   |
| 3300                 | 38.2                               | 2.71                            | 6.35    | 6.97    | 6.82    | 0.37               | 1.27                    | ±13.1%                   |
| 3500                 | 37.9                               | 2.91                            | 6.35    | 6.98    | 6.83    | 0.37               | 1.27                    | ±13.1%                   |
| 3700                 | 37.7                               | 3.12                            | 6.39    | 7.01    | 6.87    | 0.36               | 1.27                    | ±13.1%                   |
| 3900                 | 37.5                               | 3.32                            | 6.27    | 6.88    | 6.74    | 0.36               | 1.27                    | ±13.1%                   |
| 4100                 | 37.2                               | 3.53                            | 6.17    | 6.78    | 6.63    | 0.36               | 1.27                    | ±13.1%                   |
| 4200                 | 37.1                               | 3.63                            | 6.13    | 6.73    | 6.59    | 0.36               | 1.27                    | ±13.1%                   |
| 4400                 | 36.9                               | 3.84                            | 6.04    | 6.63    | 6.49    | 0.36               | 1.27                    | ±13.1%                   |
| 4600                 | 36.7                               | 4.04                            | 5.91    | 6.49    | 6.35    | 0.36               | 1.27                    | ±13.1%                   |
| 4800                 | 36.4                               | 4.25                            | 5.93    | 6.52    | 6.38    | 0.36               | 1.27                    | ±13.1%                   |
| 4950                 | 36.3                               | 4.40                            | 5.84    | 6.41    | 6.28    | 0.35               | 1.27                    | ±13.1%                   |
| 5250                 | 35.9                               | 4.71                            | 5.27    | 5.79    | 5.66    | 0.32               | 1.27                    | ±13.1%                   |
| 5600                 | 35.5                               | 5.07                            | 4.83    | 5.30    | 5.19    | 0.29               | 1.27                    | ±13.1%                   |
| 5800                 | 35.3                               | 5.27                            | 4.78    | 5.25    | 5.13    | 0.27               | 1.27                    | ±13.1%                   |

<sup>C</sup> Frequency validity above 300 MHz of ±100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ±50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ±10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Validity of ConvF assessed at 6 MHz is 4–9 MHz, and ConvF assessed at 13 MHz is 9–19 MHz. Above 5 GHz frequency validity can be extended to ±110 MHz.

<sup>F</sup> The probes are calibrated using tissue simulating liquids (TSL) that deviate for  $\epsilon$  and  $\sigma$  by less than ±5% from the target values (typically better than ±3%) and are valid for TSL with deviations of up to ±10% if SAR correction is applied.

<sup>G</sup> Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than ±1% for frequencies below 3 GHz and below ±2% for frequencies between 3–6 GHz at any distance larger than half the probe tip diameter from the boundary.

<sup>H</sup> The stated uncertainty is the total calibration uncertainty (k = 2) of Norm-ConvF. This is equivalent to the uncertainty component with the symbol CF in Table 9 of IEC/IEEE 62209-1528:2020.

**Parameters of Probe: EX3DV4 - SN:7736****Calibration Parameter Determined in Head Tissue Simulating Media**

| <b>f (MHz)<sup>C</sup></b> | <b>Relative Permittivity<sup>F</sup></b> | <b>Conductivity<sup>F</sup> (S/m)</b> | <b>ConvF X</b> | <b>ConvF Y</b> | <b>ConvF Z</b> | <b>Alpha<sup>G</sup></b> | <b>Depth<sup>G</sup> (mm)</b> | <b>Unc<sup>H</sup> (k = 2)</b> |
|----------------------------|------------------------------------------|---------------------------------------|----------------|----------------|----------------|--------------------------|-------------------------------|--------------------------------|
| 6500                       | 34.5                                     | 6.07                                  | 5.24           | 5.76           | 5.63           | 0.20                     | 1.27                          | ±18.6%                         |

<sup>C</sup> Frequency validity at 6.5 GHz is -600/+700 MHz, and ±700 MHz at or above 7 GHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band.

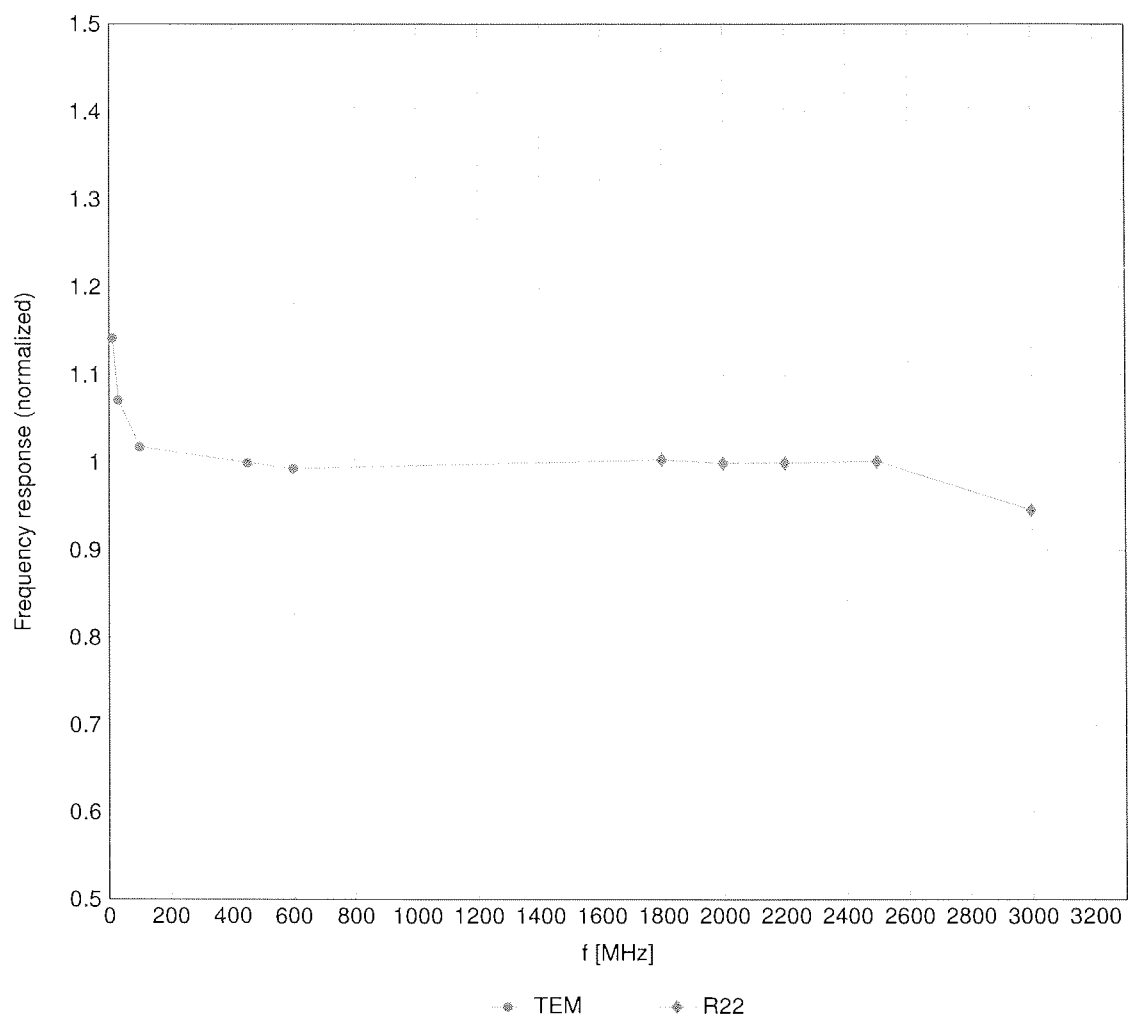
<sup>F</sup> The probes are calibrated using tissue simulating liquids (TSL) that deviate for  $\epsilon$  and  $\sigma$  by less than ±10% from the target values (typically better than ±6%) and are valid for TSL with deviations of up to ±10%.

<sup>G</sup> Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than ±1% for frequencies below 3 GHz; below ±2% for frequencies between 3–6 GHz; and below ±4% for frequencies between 6–10 GHz at any distance larger than half the probe tip diameter from the boundary.

<sup>H</sup> The stated uncertainty is the total calibration uncertainty (k = 2) of Norm-ConvF. This is equivalent to the uncertainty component with the symbol CF in Table 9 of IEC/IEEE 62209-1528:2020.

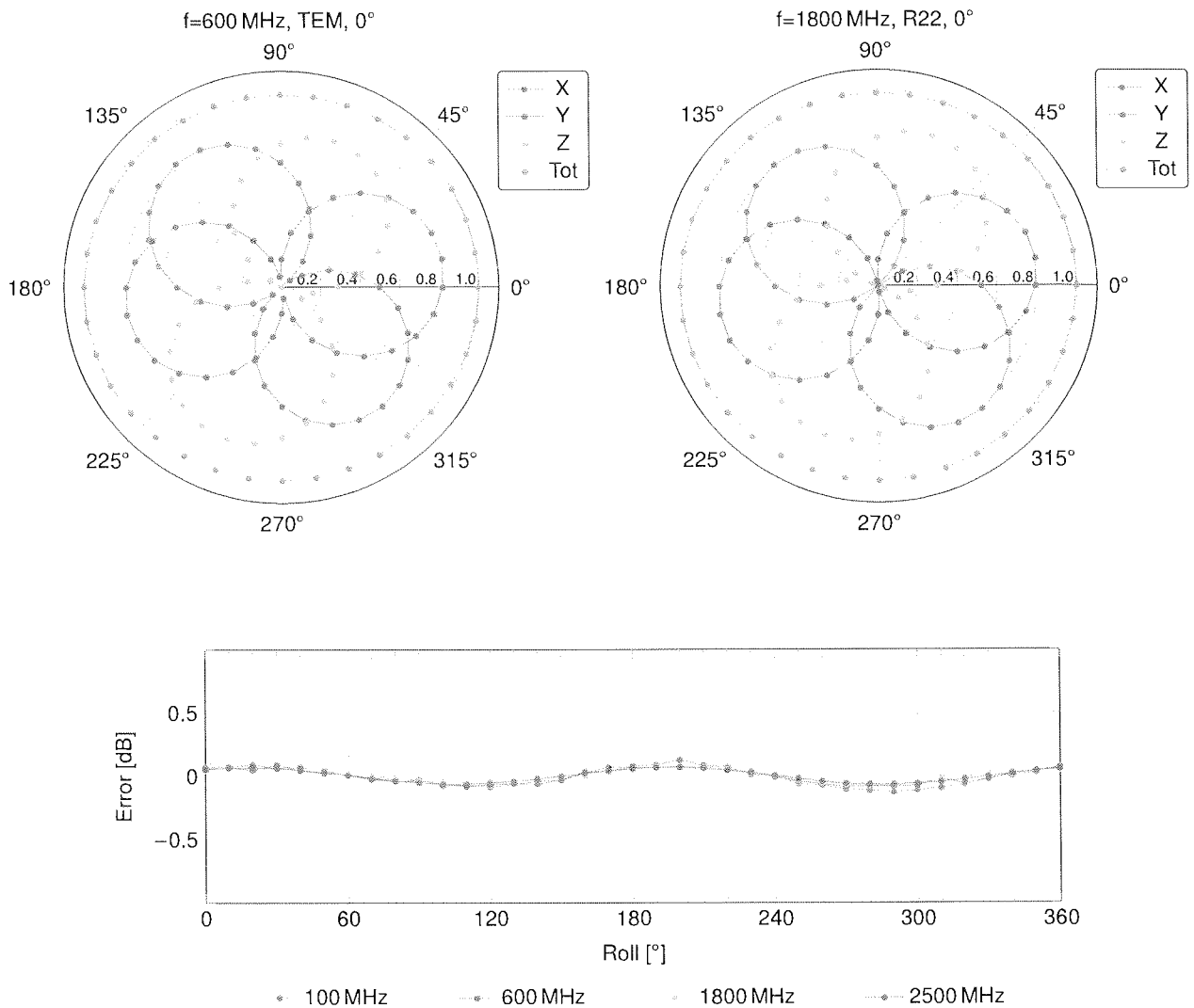
## Frequency Response of E-Field

(TEM-Cell:ifi110 EXX, Waveguide:R22)

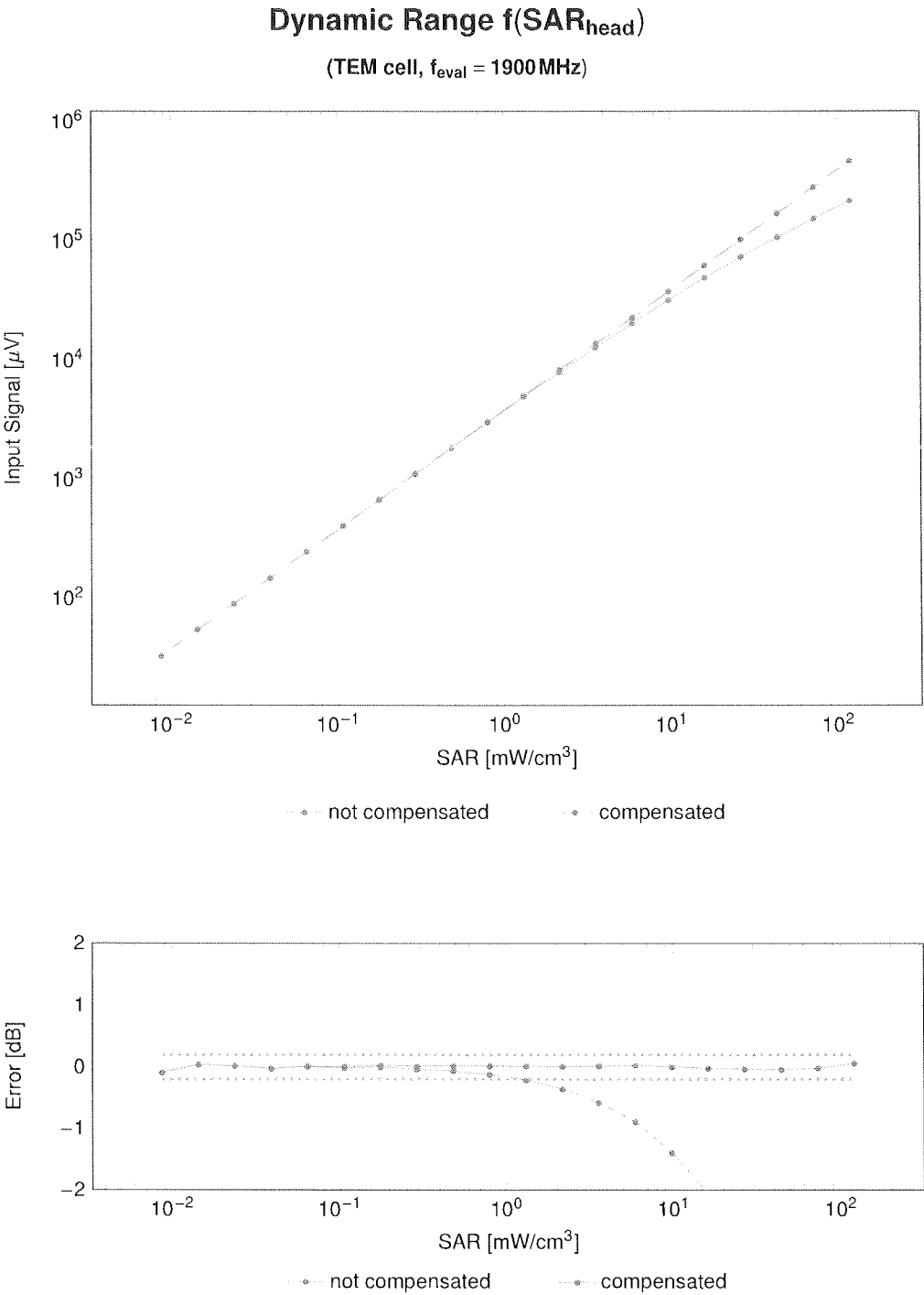


Uncertainty of Frequency Response of E-field:  $\pm 6.3\%$  ( $k=2$ )

### Receiving Pattern ( $\phi$ ), $\vartheta = 0^\circ$

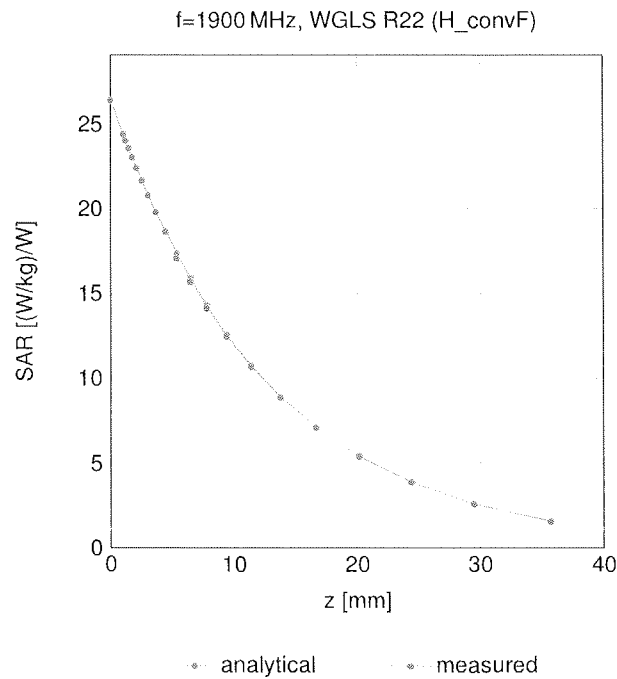


Uncertainty of Axial Isotropy Assessment:  $\pm 0.5\%$  ( $k=2$ )

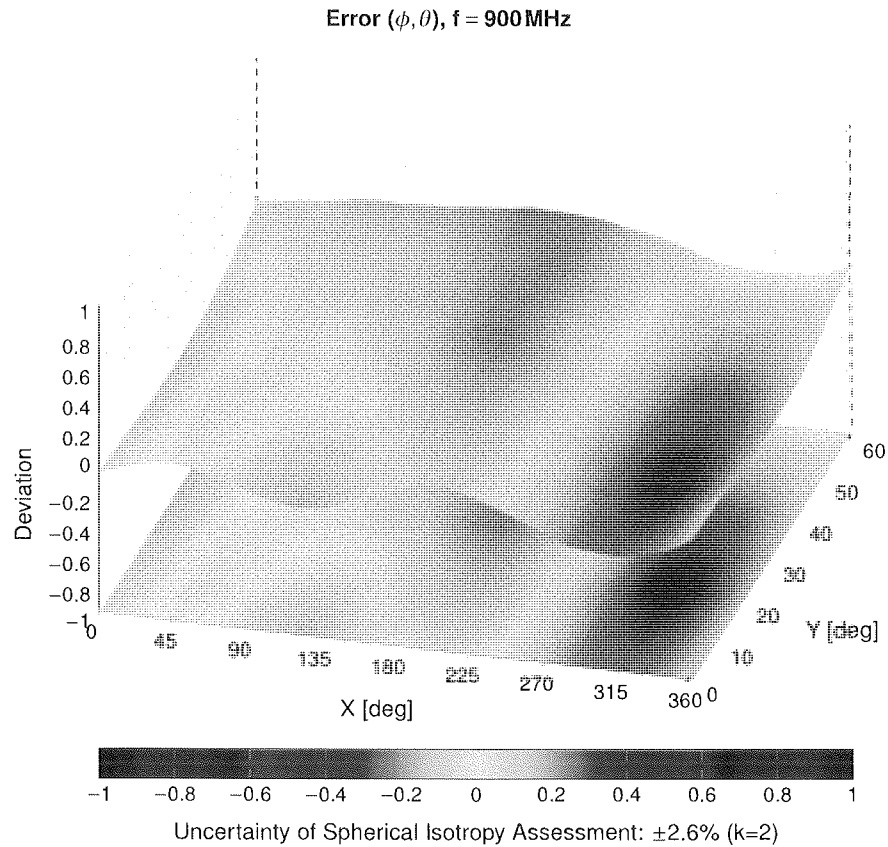


Uncertainty of Linearity Assessment:  $\pm 0.6\%$  ( $k=2$ )

Conversion Factor Assessment



Deviation from Isotropy in Liquid



## Appendix: Modulation Calibration Parameters

| UID   | Rev | Communication System Name                           | Group     | PAR (dB) | Unc <sup>E</sup> $k = 2$ |
|-------|-----|-----------------------------------------------------|-----------|----------|--------------------------|
| 0     |     | CW                                                  | CW        | 0.00     | ±4.7                     |
| 10010 | CAB | SAR Validation (Square, 100 ms, 10 ms)              | Test      | 10.00    | ±9.6                     |
| 10011 | CAC | UMTS-FDD (WCDMA)                                    | WCDMA     | 2.91     | ±9.6                     |
| 10012 | CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps)            | WLAN      | 1.87     | ±9.6                     |
| 10013 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps)       | WLAN      | 9.46     | ±9.6                     |
| 10021 | DAC | GSM-FDD (TDMA, GMSK)                                | GSM       | 9.39     | ±9.6                     |
| 10023 | DAC | GPRS-FDD (TDMA, GMSK, TN 0)                         | GSM       | 9.57     | ±9.6                     |
| 10024 | DAC | GPRS-FDD (TDMA, GMSK, TN 0-1)                       | GSM       | 6.56     | ±9.6                     |
| 10025 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0)                         | GSM       | 12.62    | ±9.6                     |
| 10026 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0-1)                       | GSM       | 9.55     | ±9.6                     |
| 10027 | DAC | GPRS-FDD (TDMA, GMSK, TN 0-1-2)                     | GSM       | 4.80     | ±9.6                     |
| 10028 | DAC | GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)                   | GSM       | 3.55     | ±9.6                     |
| 10029 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0-1-2)                     | GSM       | 7.78     | ±9.6                     |
| 10030 | CAA | IEEE 802.15.1 Bluetooth (GFSK, DH1)                 | Bluetooth | 5.30     | ±9.6                     |
| 10031 | CAA | IEEE 802.15.1 Bluetooth (GFSK, DH3)                 | Bluetooth | 1.87     | ±9.6                     |
| 10032 | CAA | IEEE 802.15.1 Bluetooth (GFSK, DH5)                 | Bluetooth | 1.16     | ±9.6                     |
| 10033 | CAA | IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)           | Bluetooth | 7.74     | ±9.6                     |
| 10034 | CAA | IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)           | Bluetooth | 4.53     | ±9.6                     |
| 10035 | CAA | IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5)           | Bluetooth | 3.83     | ±9.6                     |
| 10036 | CAA | IEEE 802.15.1 Bluetooth (8-DPSK, DH1)               | Bluetooth | 8.01     | ±9.6                     |
| 10037 | CAA | IEEE 802.15.1 Bluetooth (8-DPSK, DH3)               | Bluetooth | 4.77     | ±9.6                     |
| 10038 | CAA | IEEE 802.15.1 Bluetooth (8-DPSK, DH5)               | Bluetooth | 4.10     | ±9.6                     |
| 10039 | CAB | CDMA2000 (1xRTT, RC1)                               | CDMA2000  | 4.57     | ±9.6                     |
| 10042 | CAB | IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate) | AMPS      | 7.78     | ±9.6                     |
| 10044 | CAA | IS-91/EIA/TIA-553 FDD (FDMA, FM)                    | AMPS      | 0.00     | ±9.6                     |
| 10048 | CAA | DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)           | DECT      | 13.80    | ±9.6                     |
| 10049 | CAA | DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)         | DECT      | 10.79    | ±9.6                     |
| 10056 | CAA | UMTS-TDD (TD-SCDMA, 1.28 Mcps)                      | TD-SCDMA  | 11.01    | ±9.6                     |
| 10058 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)                   | GSM       | 6.52     | ±9.6                     |
| 10059 | CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)            | WLAN      | 2.12     | ±9.6                     |
| 10060 | CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps)          | WLAN      | 2.83     | ±9.6                     |
| 10061 | CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps)           | WLAN      | 3.60     | ±9.6                     |
| 10062 | CAE | IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)            | WLAN      | 8.68     | ±9.6                     |
| 10063 | CAE | IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)            | WLAN      | 8.63     | ±9.6                     |
| 10064 | CAE | IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)           | WLAN      | 9.09     | ±9.6                     |
| 10065 | CAE | IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)           | WLAN      | 9.00     | ±9.6                     |
| 10066 | CAE | IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps)           | WLAN      | 9.38     | ±9.6                     |
| 10067 | CAE | IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps)           | WLAN      | 10.12    | ±9.6                     |
| 10068 | CAE | IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps)           | WLAN      | 10.24    | ±9.6                     |
| 10069 | CAE | IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps)           | WLAN      | 10.56    | ±9.6                     |
| 10071 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)       | WLAN      | 9.83     | ±9.6                     |
| 10072 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps)      | WLAN      | 9.62     | ±9.6                     |
| 10073 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps)      | WLAN      | 9.94     | ±9.6                     |
| 10074 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps)      | WLAN      | 10.30    | ±9.6                     |
| 10075 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 36 Mbps)      | WLAN      | 10.77    | ±9.6                     |
| 10076 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps)      | WLAN      | 10.94    | ±9.6                     |
| 10077 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps)      | WLAN      | 11.00    | ±9.6                     |
| 10081 | CAB | CDMA2000 (1xRTT, RC3)                               | CDMA2000  | 3.97     | ±9.6                     |
| 10082 | CAB | IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate) | AMPS      | 4.77     | ±9.6                     |
| 10090 | DAC | GPRS-FDD (TDMA, GMSK, TN 0-4)                       | GSM       | 6.56     | ±9.6                     |
| 10097 | CAC | UMTS-FDD (HSDPA)                                    | WCDMA     | 3.98     | ±9.6                     |
| 10098 | CAC | UMTS-FDD (HSUPA, Subtest 2)                         | WCDMA     | 3.98     | ±9.6                     |
| 10099 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0-4)                       | GSM       | 9.55     | ±9.6                     |
| 10100 | CAF | LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)            | LTE-FDD   | 5.67     | ±9.6                     |
| 10101 | CAF | LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)          | LTE-FDD   | 6.42     | ±9.6                     |
| 10102 | CAF | LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)          | LTE-FDD   | 6.60     | ±9.6                     |
| 10103 | CAH | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)            | LTE-TDD   | 9.29     | ±9.6                     |
| 10104 | CAH | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)          | LTE-TDD   | 9.97     | ±9.6                     |
| 10105 | CAH | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)          | LTE-TDD   | 10.01    | ±9.6                     |
| 10108 | CAH | LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)            | LTE-FDD   | 5.80     | ±9.6                     |
| 10109 | CAH | LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)          | LTE-FDD   | 6.43     | ±9.6                     |
| 10110 | CAH | LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)             | LTE-FDD   | 5.75     | ±9.6                     |
| 10111 | CAH | LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)           | LTE-FDD   | 6.44     | ±9.6                     |

| UID   | Rev | Communication System Name                      | Group   | PAR (dB) | Unc <sup>E</sup> $k = 2$ |
|-------|-----|------------------------------------------------|---------|----------|--------------------------|
| 10112 | CAH | LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)     | LTE-FDD | 6.59     | ±9.6                     |
| 10113 | CAH | LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)      | LTE-FDD | 6.62     | ±9.6                     |
| 10114 | CAE | IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)  | WLAN    | 8.10     | ±9.6                     |
| 10115 | CAE | IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)  | WLAN    | 8.46     | ±9.6                     |
| 10116 | CAE | IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM) | WLAN    | 8.15     | ±9.6                     |
| 10117 | CAE | IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)       | WLAN    | 8.07     | ±9.6                     |
| 10118 | CAE | IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)       | WLAN    | 8.59     | ±9.6                     |
| 10119 | CAE | IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)      | WLAN    | 8.13     | ±9.6                     |
| 10140 | CAF | LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)     | LTE-FDD | 6.49     | ±9.6                     |
| 10141 | CAF | LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)     | LTE-FDD | 6.53     | ±9.6                     |
| 10142 | CAF | LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)        | LTE-FDD | 5.73     | ±9.6                     |
| 10143 | CAF | LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)      | LTE-FDD | 6.35     | ±9.6                     |
| 10144 | CAF | LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)      | LTE-FDD | 6.65     | ±9.6                     |
| 10145 | CAG | LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)      | LTE-FDD | 5.76     | ±9.6                     |
| 10146 | CAG | LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)    | LTE-FDD | 6.41     | ±9.6                     |
| 10147 | CAG | LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)    | LTE-FDD | 6.72     | ±9.6                     |
| 10149 | CAF | LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)      | LTE-FDD | 6.42     | ±9.6                     |
| 10150 | CAF | LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)      | LTE-FDD | 6.60     | ±9.6                     |
| 10151 | CAH | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)        | LTE-TDD | 9.28     | ±9.6                     |
| 10152 | CAH | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)      | LTE-TDD | 9.92     | ±9.6                     |
| 10153 | CAH | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)      | LTE-TDD | 10.05    | ±9.6                     |
| 10154 | CAH | LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)        | LTE-FDD | 5.75     | ±9.6                     |
| 10155 | CAH | LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)      | LTE-FDD | 6.43     | ±9.6                     |
| 10156 | CAH | LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)         | LTE-FDD | 5.79     | ±9.6                     |
| 10157 | CAH | LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)       | LTE-FDD | 6.49     | ±9.6                     |
| 10158 | CAH | LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)      | LTE-FDD | 6.62     | ±9.6                     |
| 10159 | CAH | LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)       | LTE-FDD | 6.56     | ±9.6                     |
| 10160 | CAF | LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)        | LTE-FDD | 5.82     | ±9.6                     |
| 10161 | CAF | LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)      | LTE-FDD | 6.43     | ±9.6                     |
| 10162 | CAF | LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)      | LTE-FDD | 6.58     | ±9.6                     |
| 10166 | CAG | LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)       | LTE-FDD | 5.46     | ±9.6                     |
| 10167 | CAG | LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)     | LTE-FDD | 6.21     | ±9.6                     |
| 10168 | CAG | LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)     | LTE-FDD | 6.79     | ±9.6                     |
| 10169 | CAF | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)          | LTE-FDD | 5.73     | ±9.6                     |
| 10170 | CAF | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)        | LTE-FDD | 6.52     | ±9.6                     |
| 10171 | AAF | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)        | LTE-FDD | 6.49     | ±9.6                     |
| 10172 | CAH | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)          | LTE-TDD | 9.21     | ±9.6                     |
| 10173 | CAH | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)        | LTE-TDD | 9.48     | ±9.6                     |
| 10174 | CAH | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)        | LTE-TDD | 10.25    | ±9.6                     |
| 10175 | CAH | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)          | LTE-FDD | 5.72     | ±9.6                     |
| 10176 | CAH | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)        | LTE-FDD | 6.52     | ±9.6                     |
| 10177 | CAJ | LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)           | LTE-FDD | 5.73     | ±9.6                     |
| 10178 | CAH | LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)         | LTE-FDD | 6.52     | ±9.6                     |
| 10179 | CAH | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)        | LTE-FDD | 6.50     | ±9.6                     |
| 10180 | CAH | LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)         | LTE-FDD | 6.50     | ±9.6                     |
| 10181 | CAF | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)          | LTE-FDD | 5.72     | ±9.6                     |
| 10182 | CAF | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)        | LTE-FDD | 6.52     | ±9.6                     |
| 10183 | AAE | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)        | LTE-FDD | 6.50     | ±9.6                     |
| 10184 | CAF | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)           | LTE-FDD | 5.73     | ±9.6                     |
| 10185 | CAF | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)         | LTE-FDD | 6.51     | ±9.6                     |
| 10186 | AAF | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)         | LTE-FDD | 6.50     | ±9.6                     |
| 10187 | CAG | LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)         | LTE-FDD | 5.73     | ±9.6                     |
| 10188 | CAG | LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)       | LTE-FDD | 6.52     | ±9.6                     |
| 10189 | AAG | LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)       | LTE-FDD | 6.50     | ±9.6                     |
| 10193 | CAE | IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)   | WLAN    | 8.09     | ±9.6                     |
| 10194 | CAE | IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)  | WLAN    | 8.12     | ±9.6                     |
| 10195 | CAE | IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)  | WLAN    | 8.21     | ±9.6                     |
| 10196 | CAE | IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)        | WLAN    | 8.10     | ±9.6                     |
| 10197 | CAE | IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)       | WLAN    | 8.13     | ±9.6                     |
| 10198 | CAE | IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)       | WLAN    | 8.27     | ±9.6                     |
| 10219 | CAE | IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)        | WLAN    | 8.03     | ±9.6                     |
| 10220 | CAE | IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)     | WLAN    | 8.13     | ±9.6                     |
| 10221 | CAE | IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)     | WLAN    | 8.27     | ±9.6                     |
| 10222 | CAE | IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)         | WLAN    | 8.06     | ±9.6                     |
| 10223 | CAE | IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)       | WLAN    | 8.48     | ±9.6                     |
| 10224 | CAE | IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)      | WLAN    | 8.08     | ±9.6                     |

| UID   | Rev | Communication System Name                                            | Group    | PAR (dB) | Unc <sup>E</sup> k = 2 |
|-------|-----|----------------------------------------------------------------------|----------|----------|------------------------|
| 10225 | CAC | UMTS-FDD (HSPA+)                                                     | WCDMA    | 5.97     | ±9.6                   |
| 10226 | CAC | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)                             | LTE-TDD  | 9.49     | ±9.6                   |
| 10227 | CAC | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)                             | LTE-TDD  | 10.26    | ±9.6                   |
| 10228 | CAC | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)                               | LTE-TDD  | 9.22     | ±9.6                   |
| 10229 | CAE | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)                               | LTE-TDD  | 9.48     | ±9.6                   |
| 10230 | CAE | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)                               | LTE-TDD  | 10.25    | ±9.6                   |
| 10231 | CAE | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)                                 | LTE-TDD  | 9.19     | ±9.6                   |
| 10232 | CAH | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)                               | LTE-TDD  | 9.48     | ±9.6                   |
| 10233 | CAH | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)                               | LTE-TDD  | 10.25    | ±9.6                   |
| 10234 | CAH | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)                                 | LTE-TDD  | 9.21     | ±9.6                   |
| 10235 | CAH | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)                              | LTE-TDD  | 9.48     | ±9.6                   |
| 10236 | CAH | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)                              | LTE-TDD  | 10.25    | ±9.6                   |
| 10237 | CAH | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)                                | LTE-TDD  | 9.21     | ±9.6                   |
| 10238 | CAG | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)                              | LTE-TDD  | 9.48     | ±9.6                   |
| 10239 | CAG | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)                              | LTE-TDD  | 10.25    | ±9.6                   |
| 10240 | CAG | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)                                | LTE-TDD  | 9.21     | ±9.6                   |
| 10241 | CAC | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)                           | LTE-TDD  | 9.82     | ±9.6                   |
| 10242 | CAC | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)                           | LTE-TDD  | 9.86     | ±9.6                   |
| 10243 | CAC | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)                             | LTE-TDD  | 9.46     | ±9.6                   |
| 10244 | CAE | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)                             | LTE-TDD  | 10.06    | ±9.6                   |
| 10245 | CAE | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)                             | LTE-TDD  | 10.06    | ±9.6                   |
| 10246 | CAE | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)                               | LTE-TDD  | 9.30     | ±9.6                   |
| 10247 | CAH | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)                             | LTE-TDD  | 9.91     | ±9.6                   |
| 10248 | CAH | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)                             | LTE-TDD  | 10.09    | ±9.6                   |
| 10249 | CAH | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)                               | LTE-TDD  | 9.29     | ±9.6                   |
| 10250 | CAH | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)                            | LTE-TDD  | 9.81     | ±9.6                   |
| 10251 | CAH | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)                            | LTE-TDD  | 10.17    | ±9.6                   |
| 10252 | CAH | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)                              | LTE-TDD  | 9.24     | ±9.6                   |
| 10253 | CAG | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)                            | LTE-TDD  | 9.90     | ±9.6                   |
| 10254 | CAG | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)                            | LTE-TDD  | 10.14    | ±9.6                   |
| 10255 | CAG | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)                              | LTE-TDD  | 9.20     | ±9.6                   |
| 10256 | CAC | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)                          | LTE-TDD  | 9.96     | ±9.6                   |
| 10257 | CAC | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)                          | LTE-TDD  | 10.08    | ±9.6                   |
| 10258 | CAC | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)                            | LTE-TDD  | 9.34     | ±9.6                   |
| 10259 | CAE | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)                            | LTE-TDD  | 9.98     | ±9.6                   |
| 10260 | CAE | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)                            | LTE-TDD  | 9.97     | ±9.6                   |
| 10261 | CAE | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)                              | LTE-TDD  | 9.24     | ±9.6                   |
| 10262 | CAH | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)                            | LTE-TDD  | 9.83     | ±9.6                   |
| 10263 | CAH | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)                            | LTE-TDD  | 10.16    | ±9.6                   |
| 10264 | CAH | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)                              | LTE-TDD  | 9.23     | ±9.6                   |
| 10265 | CAH | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)                           | LTE-TDD  | 9.92     | ±9.6                   |
| 10266 | CAH | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)                           | LTE-TDD  | 10.07    | ±9.6                   |
| 10267 | CAH | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)                             | LTE-TDD  | 9.30     | ±9.6                   |
| 10268 | CAG | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)                           | LTE-TDD  | 10.06    | ±9.6                   |
| 10269 | CAG | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)                           | LTE-TDD  | 10.13    | ±9.6                   |
| 10270 | CAG | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)                             | LTE-TDD  | 9.58     | ±9.6                   |
| 10274 | CAC | UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)                            | WCDMA    | 4.87     | ±9.6                   |
| 10275 | CAC | UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)                             | WCDMA    | 3.96     | ±9.6                   |
| 10277 | CAA | PHS (QPSK)                                                           | PHS      | 11.81    | ±9.6                   |
| 10278 | CAA | PHS (QPSK, BW 884 MHz, Rolloff 0.5)                                  | PHS      | 11.81    | ±9.6                   |
| 10279 | CAA | PHS (QPSK, BW 884 MHz, Rolloff 0.38)                                 | PHS      | 12.18    | ±9.6                   |
| 10290 | AAB | CDMA2000, RC1, SO55, Full Rate                                       | CDMA2000 | 3.91     | ±9.6                   |
| 10291 | AAB | CDMA2000, RC3, SO55, Full Rate                                       | CDMA2000 | 3.46     | ±9.6                   |
| 10292 | AAB | CDMA2000, RC3, SO32, Full Rate                                       | CDMA2000 | 3.39     | ±9.6                   |
| 10293 | AAB | CDMA2000, RC3, SO3, Full Rate                                        | CDMA2000 | 3.50     | ±9.6                   |
| 10295 | AAB | CDMA2000, RC1, SO3, 1/8th Rate 25 fr.                                | CDMA2000 | 12.49    | ±9.6                   |
| 10297 | AAE | LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)                              | LTE-FDD  | 5.81     | ±9.6                   |
| 10298 | AAE | LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)                               | LTE-FDD  | 5.72     | ±9.6                   |
| 10299 | AAE | LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)                             | LTE-FDD  | 6.39     | ±9.6                   |
| 10300 | AAE | LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)                             | LTE-FDD  | 6.60     | ±9.6                   |
| 10301 | AAA | IEEE 802.16e WiMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC)                 | WiMAX    | 12.03    | ±9.6                   |
| 10302 | AAA | IEEE 802.16e WiMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC, 3 CTRL symbols) | WiMAX    | 12.57    | ±9.6                   |
| 10303 | AAA | IEEE 802.16e WiMAX (31:15, 5 ms, 10 MHz, 64QAM, PUSC)                | WiMAX    | 12.52    | ±9.6                   |
| 10304 | AAA | IEEE 802.16e WiMAX (29:18, 5 ms, 10 MHz, 64QAM, PUSC)                | WiMAX    | 11.86    | ±9.6                   |
| 10305 | AAA | IEEE 802.16e WiMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols)   | WiMAX    | 15.24    | ±9.6                   |
| 10306 | AAA | IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, 64QAM, PUSC, 18 symbols)   | WiMAX    | 14.67    | ±9.6                   |

| UID   | Rev | Communication System Name                                                       | Group    | PAR (dB) | Unc <sup>E</sup> k = 2 |
|-------|-----|---------------------------------------------------------------------------------|----------|----------|------------------------|
| 10307 | AAA | IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, QPSK, PUSC, 18 symbols)               | WiMAX    | 14.49    | ±9.6                   |
| 10308 | AAA | IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, 16QAM, PUSC)                          | WiMAX    | 14.46    | ±9.6                   |
| 10309 | AAA | IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, 16QAM, AMC 2x3, 18 symbols)           | WiMAX    | 14.58    | ±9.6                   |
| 10310 | AAA | IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, QPSK, AMC 2x3, 18 symbols)            | WiMAX    | 14.57    | ±9.6                   |
| 10311 | AAE | LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)                                        | LTE-FDD  | 6.06     | ±9.6                   |
| 10313 | AAA | iDEN 1:3                                                                        | iDEN     | 10.51    | ±9.6                   |
| 10314 | AAA | iDEN 1:6                                                                        | iDEN     | 13.48    | ±9.6                   |
| 10315 | AAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle)                       | WLAN     | 1.71     | ±9.6                   |
| 10316 | AAB | IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle)                   | WLAN     | 8.36     | ±9.6                   |
| 10317 | AAE | IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle)                         | WLAN     | 8.36     | ±9.6                   |
| 10352 | AAA | Pulse Waveform (200Hz, 10%)                                                     | Generic  | 10.00    | ±9.6                   |
| 10353 | AAA | Pulse Waveform (200Hz, 20%)                                                     | Generic  | 6.99     | ±9.6                   |
| 10354 | AAA | Pulse Waveform (200Hz, 40%)                                                     | Generic  | 3.98     | ±9.6                   |
| 10355 | AAA | Pulse Waveform (200Hz, 60%)                                                     | Generic  | 2.22     | ±9.6                   |
| 10356 | AAA | Pulse Waveform (200Hz, 80%)                                                     | Generic  | 0.97     | ±9.6                   |
| 10387 | AAA | QPSK Waveform, 1 MHz                                                            | Generic  | 5.10     | ±9.6                   |
| 10388 | AAA | QPSK Waveform, 10 MHz                                                           | Generic  | 5.22     | ±9.6                   |
| 10396 | AAA | 64-QAM Waveform, 100 kHz                                                        | Generic  | 6.27     | ±9.6                   |
| 10399 | AAA | 64-QAM Waveform, 40 MHz                                                         | Generic  | 6.27     | ±9.6                   |
| 10400 | AAF | IEEE 802.11ac WiFi (20 MHz, 64-QAM, 99pc duty cycle)                            | WLAN     | 8.37     | ±9.6                   |
| 10401 | AAF | IEEE 802.11ac WiFi (40 MHz, 64-QAM, 99pc duty cycle)                            | WLAN     | 8.60     | ±9.6                   |
| 10402 | AAF | IEEE 802.11ac WiFi (80 MHz, 64-QAM, 99pc duty cycle)                            | WLAN     | 8.53     | ±9.6                   |
| 10403 | AAB | CDMA2000 (1xEV-DO, Rev. 0)                                                      | CDMA2000 | 3.76     | ±9.6                   |
| 10404 | AAB | CDMA2000 (1xEV-DO, Rev. A)                                                      | CDMA2000 | 3.77     | ±9.6                   |
| 10406 | AAB | CDMA2000, RC3, SO32, SCH0, Full Rate                                            | CDMA2000 | 5.22     | ±9.6                   |
| 10410 | AAH | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9, Subframe Conf=4) | LTE-TDD  | 7.82     | ±9.6                   |
| 10414 | AAA | WLAN CCDF, 64-QAM, 40 MHz                                                       | Generic  | 8.54     | ±9.6                   |
| 10415 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)                       | WLAN     | 1.54     | ±9.6                   |
| 10416 | AAA | IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle)                   | WLAN     | 8.23     | ±9.6                   |
| 10417 | AAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle)                       | WLAN     | 8.23     | ±9.6                   |
| 10418 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preamble)   | WLAN     | 8.14     | ±9.6                   |
| 10419 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preamble)  | WLAN     | 8.19     | ±9.6                   |
| 10422 | AAD | IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)                                    | WLAN     | 8.32     | ±9.6                   |
| 10423 | AAD | IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)                                 | WLAN     | 8.47     | ±9.6                   |
| 10424 | AAD | IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)                                 | WLAN     | 8.40     | ±9.6                   |
| 10425 | AAD | IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)                                     | WLAN     | 8.41     | ±9.6                   |
| 10426 | AAD | IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)                                   | WLAN     | 8.45     | ±9.6                   |
| 10427 | AAD | IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)                                  | WLAN     | 8.41     | ±9.6                   |
| 10430 | AAE | LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)                                                | LTE-FDD  | 8.28     | ±9.6                   |
| 10431 | AAE | LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)                                               | LTE-FDD  | 8.38     | ±9.6                   |
| 10432 | AAD | LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)                                               | LTE-FDD  | 8.34     | ±9.6                   |
| 10433 | AAD | LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)                                               | LTE-FDD  | 8.34     | ±9.6                   |
| 10434 | AAB | W-CDMA (BS Test Model 1, 64 DPCH)                                               | WCDMA    | 8.60     | ±9.6                   |
| 10435 | AAG | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)                  | LTE-TDD  | 7.82     | ±9.6                   |
| 10447 | AAE | LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)                                  | LTE-FDD  | 7.56     | ±9.6                   |
| 10448 | AAE | LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)                                 | LTE-FDD  | 7.53     | ±9.6                   |
| 10449 | AAD | LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)                                 | LTE-FDD  | 7.51     | ±9.6                   |
| 10450 | AAD | LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)                                 | LTE-FDD  | 7.48     | ±9.6                   |
| 10451 | AAB | W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)                                 | WCDMA    | 7.59     | ±9.6                   |
| 10453 | AAE | Validation (Square, 10 ms, 1 ms)                                                | Test     | 10.00    | ±9.6                   |
| 10456 | AAD | IEEE 802.11ac WiFi (160 MHz, 64-QAM, 99pc duty cycle)                           | WLAN     | 8.63     | ±9.6                   |
| 10457 | AAB | UMTS-FDD (DC-HSDPA)                                                             | WCDMA    | 6.62     | ±9.6                   |
| 10458 | AAA | CDMA2000 (1xEV-DO, Rev. B, 2 carriers)                                          | CDMA2000 | 6.55     | ±9.6                   |
| 10459 | AAA | CDMA2000 (1xEV-DO, Rev. B, 3 carriers)                                          | CDMA2000 | 8.25     | ±9.6                   |
| 10460 | AAB | UMTS-FDD (WCDMA, AMR)                                                           | WCDMA    | 2.39     | ±9.6                   |
| 10461 | AAC | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)                 | LTE-TDD  | 7.82     | ±9.6                   |
| 10462 | AAC | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)               | LTE-TDD  | 8.30     | ±9.6                   |
| 10463 | AAC | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)               | LTE-TDD  | 8.56     | ±9.6                   |
| 10464 | AAD | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)                   | LTE-TDD  | 7.82     | ±9.6                   |
| 10465 | AAD | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)                 | LTE-TDD  | 8.32     | ±9.6                   |
| 10466 | AAD | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)                 | LTE-TDD  | 8.57     | ±9.6                   |
| 10467 | AAG | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)                   | LTE-TDD  | 7.82     | ±9.6                   |
| 10468 | AAG | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)                 | LTE-TDD  | 8.32     | ±9.6                   |
| 10469 | AAG | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)                 | LTE-TDD  | 8.56     | ±9.6                   |
| 10470 | AAG | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)                  | LTE-TDD  | 7.82     | ±9.6                   |
| 10471 | AAG | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)                | LTE-TDD  | 8.32     | ±9.6                   |

| UID   | Rev | Communication System Name                                            | Group   | PAR (dB) | Unc <sup>E</sup> k = 2 |
|-------|-----|----------------------------------------------------------------------|---------|----------|------------------------|
| 10472 | AAG | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)     | LTE-TDD | 8.57     | ±9.6                   |
| 10473 | AAF | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)       | LTE-TDD | 7.82     | ±9.6                   |
| 10474 | AAF | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)     | LTE-TDD | 8.32     | ±9.6                   |
| 10475 | AAF | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)     | LTE-TDD | 8.57     | ±9.6                   |
| 10477 | AAG | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)     | LTE-TDD | 8.32     | ±9.6                   |
| 10478 | AAG | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)     | LTE-TDD | 8.57     | ±9.6                   |
| 10479 | AAC | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)    | LTE-TDD | 7.74     | ±9.6                   |
| 10480 | AAC | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)  | LTE-TDD | 8.18     | ±9.6                   |
| 10481 | AAC | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)  | LTE-TDD | 8.45     | ±9.6                   |
| 10482 | AAD | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)      | LTE-TDD | 7.71     | ±9.6                   |
| 10483 | AAD | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)    | LTE-TDD | 8.39     | ±9.6                   |
| 10484 | AAD | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)    | LTE-TDD | 8.47     | ±9.6                   |
| 10485 | AAG | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)      | LTE-TDD | 7.59     | ±9.6                   |
| 10486 | AAG | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)    | LTE-TDD | 8.38     | ±9.6                   |
| 10487 | AAG | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)    | LTE-TDD | 8.60     | ±9.6                   |
| 10488 | AAG | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)     | LTE-TDD | 7.70     | ±9.6                   |
| 10489 | AAG | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   | LTE-TDD | 8.31     | ±9.6                   |
| 10490 | AAG | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   | LTE-TDD | 8.54     | ±9.6                   |
| 10491 | AAF | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)     | LTE-TDD | 7.74     | ±9.6                   |
| 10492 | AAF | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   | LTE-TDD | 8.41     | ±9.6                   |
| 10493 | AAF | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   | LTE-TDD | 8.55     | ±9.6                   |
| 10494 | AAG | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)     | LTE-TDD | 7.74     | ±9.6                   |
| 10495 | AAG | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   | LTE-TDD | 8.37     | ±9.6                   |
| 10496 | AAG | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   | LTE-TDD | 8.54     | ±9.6                   |
| 10497 | AAC | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)   | LTE-TDD | 7.67     | ±9.6                   |
| 10498 | AAC | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.40     | ±9.6                   |
| 10499 | AAC | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.68     | ±9.6                   |
| 10500 | AAD | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)     | LTE-TDD | 7.67     | ±9.6                   |
| 10501 | AAD | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   | LTE-TDD | 8.44     | ±9.6                   |
| 10502 | AAD | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   | LTE-TDD | 8.52     | ±9.6                   |
| 10503 | AAG | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)     | LTE-TDD | 7.72     | ±9.6                   |
| 10504 | AAG | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   | LTE-TDD | 8.31     | ±9.6                   |
| 10505 | AAG | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   | LTE-TDD | 8.54     | ±9.6                   |
| 10506 | AAG | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)    | LTE-TDD | 7.74     | ±9.6                   |
| 10507 | AAG | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)  | LTE-TDD | 8.36     | ±9.6                   |
| 10508 | AAG | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)  | LTE-TDD | 8.55     | ±9.6                   |
| 10509 | AAF | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)    | LTE-TDD | 7.99     | ±9.6                   |
| 10510 | AAF | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)  | LTE-TDD | 8.49     | ±9.6                   |
| 10511 | AAF | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)  | LTE-TDD | 8.51     | ±9.6                   |
| 10512 | AAG | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)    | LTE-TDD | 7.74     | ±9.6                   |
| 10513 | AAG | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)  | LTE-TDD | 8.42     | ±9.6                   |
| 10514 | AAG | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)  | LTE-TDD | 8.45     | ±9.6                   |
| 10515 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc duty cycle)            | WLAN    | 1.58     | ±9.6                   |
| 10516 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle)          | WLAN    | 1.57     | ±9.6                   |
| 10517 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc duty cycle)           | WLAN    | 1.58     | ±9.6                   |
| 10518 | AAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)            | WLAN    | 8.23     | ±9.6                   |
| 10519 | AAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)           | WLAN    | 8.39     | ±9.6                   |
| 10520 | AAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)           | WLAN    | 8.12     | ±9.6                   |
| 10521 | AAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)           | WLAN    | 7.97     | ±9.6                   |
| 10522 | AAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)           | WLAN    | 8.45     | ±9.6                   |
| 10523 | AAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle)           | WLAN    | 8.08     | ±9.6                   |
| 10524 | AAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle)           | WLAN    | 8.27     | ±9.6                   |
| 10525 | AAD | IEEE 802.11ac WiFi (20 MHz, MCS0, 99pc duty cycle)                   | WLAN    | 8.36     | ±9.6                   |
| 10526 | AAD | IEEE 802.11ac WiFi (20 MHz, MCS1, 99pc duty cycle)                   | WLAN    | 8.42     | ±9.6                   |
| 10527 | AAD | IEEE 802.11ac WiFi (20 MHz, MCS2, 99pc duty cycle)                   | WLAN    | 8.21     | ±9.6                   |
| 10528 | AAD | IEEE 802.11ac WiFi (20 MHz, MCS3, 99pc duty cycle)                   | WLAN    | 8.36     | ±9.6                   |
| 10529 | AAD | IEEE 802.11ac WiFi (20 MHz, MCS4, 99pc duty cycle)                   | WLAN    | 8.36     | ±9.6                   |
| 10531 | AAD | IEEE 802.11ac WiFi (20 MHz, MCS6, 99pc duty cycle)                   | WLAN    | 8.43     | ±9.6                   |
| 10532 | AAD | IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle)                   | WLAN    | 8.29     | ±9.6                   |
| 10533 | AAD | IEEE 802.11ac WiFi (20 MHz, MCS8, 99pc duty cycle)                   | WLAN    | 8.38     | ±9.6                   |
| 10534 | AAD | IEEE 802.11ac WiFi (40 MHz, MCS0, 99pc duty cycle)                   | WLAN    | 8.45     | ±9.6                   |
| 10535 | AAD | IEEE 802.11ac WiFi (40 MHz, MCS1, 99pc duty cycle)                   | WLAN    | 8.45     | ±9.6                   |
| 10536 | AAD | IEEE 802.11ac WiFi (40 MHz, MCS2, 99pc duty cycle)                   | WLAN    | 8.32     | ±9.6                   |
| 10537 | AAD | IEEE 802.11ac WiFi (40 MHz, MCS3, 99pc duty cycle)                   | WLAN    | 8.44     | ±9.6                   |
| 10538 | AAD | IEEE 802.11ac WiFi (40 MHz, MCS4, 99pc duty cycle)                   | WLAN    | 8.54     | ±9.6                   |
| 10540 | AAD | IEEE 802.11ac WiFi (40 MHz, MCS6, 99pc duty cycle)                   | WLAN    | 8.39     | ±9.6                   |

| UID   | Rev | Communication System Name                                       | Group | PAR (dB) | Unc <sup>E</sup> k = 2 |
|-------|-----|-----------------------------------------------------------------|-------|----------|------------------------|
| 10541 | AAD | IEEE 802.11ac WiFi (40 MHz, MCS7, 99pc duty cycle)              | WLAN  | 8.46     | ±9.6                   |
| 10542 | AAD | IEEE 802.11ac WiFi (40 MHz, MCS8, 99pc duty cycle)              | WLAN  | 8.65     | ±9.6                   |
| 10543 | AAD | IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)              | WLAN  | 8.65     | ±9.6                   |
| 10544 | AAD | IEEE 802.11ac WiFi (80 MHz, MCS0, 99pc duty cycle)              | WLAN  | 8.47     | ±9.6                   |
| 10545 | AAD | IEEE 802.11ac WiFi (80 MHz, MCS1, 99pc duty cycle)              | WLAN  | 8.55     | ±9.6                   |
| 10546 | AAD | IEEE 802.11ac WiFi (80 MHz, MCS2, 99pc duty cycle)              | WLAN  | 8.35     | ±9.6                   |
| 10547 | AAD | IEEE 802.11ac WiFi (80 MHz, MCS3, 99pc duty cycle)              | WLAN  | 8.49     | ±9.6                   |
| 10548 | AAD | IEEE 802.11ac WiFi (80 MHz, MCS4, 99pc duty cycle)              | WLAN  | 8.37     | ±9.6                   |
| 10550 | AAD | IEEE 802.11ac WiFi (80 MHz, MCS6, 99pc duty cycle)              | WLAN  | 8.38     | ±9.6                   |
| 10551 | AAD | IEEE 802.11ac WiFi (80 MHz, MCS7, 99pc duty cycle)              | WLAN  | 8.50     | ±9.6                   |
| 10552 | AAD | IEEE 802.11ac WiFi (80 MHz, MCS8, 99pc duty cycle)              | WLAN  | 8.42     | ±9.6                   |
| 10553 | AAD | IEEE 802.11ac WiFi (80 MHz, MCS9, 99pc duty cycle)              | WLAN  | 8.45     | ±9.6                   |
| 10554 | AAE | IEEE 802.11ac WiFi (160 MHz, MCS0, 99pc duty cycle)             | WLAN  | 8.48     | ±9.6                   |
| 10555 | AAE | IEEE 802.11ac WiFi (160 MHz, MCS1, 99pc duty cycle)             | WLAN  | 8.47     | ±9.6                   |
| 10556 | AAE | IEEE 802.11ac WiFi (160 MHz, MCS2, 99pc duty cycle)             | WLAN  | 8.50     | ±9.6                   |
| 10557 | AAE | IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)             | WLAN  | 8.52     | ±9.6                   |
| 10558 | AAE | IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)             | WLAN  | 8.61     | ±9.6                   |
| 10560 | AAE | IEEE 802.11ac WiFi (160 MHz, MCS6, 99pc duty cycle)             | WLAN  | 8.73     | ±9.6                   |
| 10561 | AAE | IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)             | WLAN  | 8.56     | ±9.6                   |
| 10562 | AAE | IEEE 802.11ac WiFi (160 MHz, MCS8, 99pc duty cycle)             | WLAN  | 8.69     | ±9.6                   |
| 10563 | AAE | IEEE 802.11ac WiFi (160 MHz, MCS9, 99pc duty cycle)             | WLAN  | 8.77     | ±9.6                   |
| 10564 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle)  | WLAN  | 8.25     | ±9.6                   |
| 10565 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle) | WLAN  | 8.45     | ±9.6                   |
| 10566 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle) | WLAN  | 8.13     | ±9.6                   |
| 10567 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle) | WLAN  | 8.00     | ±9.6                   |
| 10568 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle) | WLAN  | 8.37     | ±9.6                   |
| 10569 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle) | WLAN  | 8.10     | ±9.6                   |
| 10570 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle) | WLAN  | 8.30     | ±9.6                   |
| 10571 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)       | WLAN  | 1.99     | ±9.6                   |
| 10572 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)       | WLAN  | 1.99     | ±9.6                   |
| 10573 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)     | WLAN  | 1.98     | ±9.6                   |
| 10574 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)      | WLAN  | 1.98     | ±9.6                   |
| 10575 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty cycle)  | WLAN  | 8.59     | ±9.6                   |
| 10576 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty cycle)  | WLAN  | 8.60     | ±9.6                   |
| 10577 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle) | WLAN  | 8.70     | ±9.6                   |
| 10578 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty cycle) | WLAN  | 8.49     | ±9.6                   |
| 10579 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty cycle) | WLAN  | 8.36     | ±9.6                   |
| 10580 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty cycle) | WLAN  | 8.76     | ±9.6                   |
| 10581 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle) | WLAN  | 8.35     | ±9.6                   |
| 10582 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty cycle) | WLAN  | 8.67     | ±9.6                   |
| 10583 | AAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)       | WLAN  | 8.59     | ±9.6                   |
| 10584 | AAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)       | WLAN  | 8.60     | ±9.6                   |
| 10585 | AAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)      | WLAN  | 8.70     | ±9.6                   |
| 10586 | AAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)      | WLAN  | 8.49     | ±9.6                   |
| 10587 | AAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)      | WLAN  | 8.36     | ±9.6                   |
| 10588 | AAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)      | WLAN  | 8.76     | ±9.6                   |
| 10589 | AAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)      | WLAN  | 8.35     | ±9.6                   |
| 10590 | AAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)      | WLAN  | 8.67     | ±9.6                   |
| 10591 | AAD | IEEE 802.11n (HT Mixed, 20 MHz, MCS0, 90pc duty cycle)          | WLAN  | 8.63     | ±9.6                   |
| 10592 | AAD | IEEE 802.11n (HT Mixed, 20 MHz, MCS1, 90pc duty cycle)          | WLAN  | 8.79     | ±9.6                   |
| 10593 | AAD | IEEE 802.11n (HT Mixed, 20 MHz, MCS2, 90pc duty cycle)          | WLAN  | 8.64     | ±9.6                   |
| 10594 | AAD | IEEE 802.11n (HT Mixed, 20 MHz, MCS3, 90pc duty cycle)          | WLAN  | 8.74     | ±9.6                   |
| 10595 | AAD | IEEE 802.11n (HT Mixed, 20 MHz, MCS4, 90pc duty cycle)          | WLAN  | 8.74     | ±9.6                   |
| 10596 | AAD | IEEE 802.11n (HT Mixed, 20 MHz, MCS5, 90pc duty cycle)          | WLAN  | 8.71     | ±9.6                   |
| 10597 | AAD | IEEE 802.11n (HT Mixed, 20 MHz, MCS6, 90pc duty cycle)          | WLAN  | 8.72     | ±9.6                   |
| 10598 | AAD | IEEE 802.11n (HT Mixed, 20 MHz, MCS7, 90pc duty cycle)          | WLAN  | 8.50     | ±9.6                   |
| 10599 | AAD | IEEE 802.11n (HT Mixed, 40 MHz, MCS0, 90pc duty cycle)          | WLAN  | 8.79     | ±9.6                   |
| 10600 | AAD | IEEE 802.11n (HT Mixed, 40 MHz, MCS1, 90pc duty cycle)          | WLAN  | 8.88     | ±9.6                   |
| 10601 | AAD | IEEE 802.11n (HT Mixed, 40 MHz, MCS2, 90pc duty cycle)          | WLAN  | 8.82     | ±9.6                   |
| 10602 | AAD | IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle)          | WLAN  | 8.94     | ±9.6                   |
| 10603 | AAD | IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90pc duty cycle)          | WLAN  | 9.03     | ±9.6                   |
| 10604 | AAD | IEEE 802.11n (HT Mixed, 40 MHz, MCS5, 90pc duty cycle)          | WLAN  | 8.76     | ±9.6                   |
| 10605 | AAD | IEEE 802.11n (HT Mixed, 40 MHz, MCS6, 90pc duty cycle)          | WLAN  | 8.97     | ±9.6                   |
| 10606 | AAD | IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle)          | WLAN  | 8.82     | ±9.6                   |
| 10607 | AAD | IEEE 802.11ac WiFi (20 MHz, MCS0, 90pc duty cycle)              | WLAN  | 8.64     | ±9.6                   |
| 10608 | AAD | IEEE 802.11ac WiFi (20 MHz, MCS1, 90pc duty cycle)              | WLAN  | 8.77     | ±9.6                   |

| UID   | Rev | Communication System Name                              | Group     | PAR (dB) | Unc <sup>E</sup> k = 2 |
|-------|-----|--------------------------------------------------------|-----------|----------|------------------------|
| 10609 | AAD | IEEE 802.11ac WiFi (20 MHz, MCS2, 90pc duty cycle)     | WLAN      | 8.57     | ±9.6                   |
| 10610 | AAD | IEEE 802.11ac WiFi (20 MHz, MCS3, 90pc duty cycle)     | WLAN      | 8.78     | ±9.6                   |
| 10611 | AAD | IEEE 802.11ac WiFi (20 MHz, MCS4, 90pc duty cycle)     | WLAN      | 8.70     | ±9.6                   |
| 10612 | AAD | IEEE 802.11ac WiFi (20 MHz, MCS5, 90pc duty cycle)     | WLAN      | 8.77     | ±9.6                   |
| 10613 | AAD | IEEE 802.11ac WiFi (20 MHz, MCS6, 90pc duty cycle)     | WLAN      | 8.94     | ±9.6                   |
| 10614 | AAD | IEEE 802.11ac WiFi (20 MHz, MCS7, 90pc duty cycle)     | WLAN      | 8.59     | ±9.6                   |
| 10615 | AAD | IEEE 802.11ac WiFi (20 MHz, MCS8, 90pc duty cycle)     | WLAN      | 8.82     | ±9.6                   |
| 10616 | AAD | IEEE 802.11ac WiFi (40 MHz, MCS0, 90pc duty cycle)     | WLAN      | 8.82     | ±9.6                   |
| 10617 | AAD | IEEE 802.11ac WiFi (40 MHz, MCS1, 90pc duty cycle)     | WLAN      | 8.81     | ±9.6                   |
| 10618 | AAD | IEEE 802.11ac WiFi (40 MHz, MCS2, 90pc duty cycle)     | WLAN      | 8.58     | ±9.6                   |
| 10619 | AAD | IEEE 802.11ac WiFi (40 MHz, MCS3, 90pc duty cycle)     | WLAN      | 8.86     | ±9.6                   |
| 10620 | AAD | IEEE 802.11ac WiFi (40 MHz, MCS4, 90pc duty cycle)     | WLAN      | 8.87     | ±9.6                   |
| 10621 | AAD | IEEE 802.11ac WiFi (40 MHz, MCS5, 90pc duty cycle)     | WLAN      | 8.77     | ±9.6                   |
| 10622 | AAD | IEEE 802.11ac WiFi (40 MHz, MCS6, 90pc duty cycle)     | WLAN      | 8.68     | ±9.6                   |
| 10623 | AAD | IEEE 802.11ac WiFi (40 MHz, MCS7, 90pc duty cycle)     | WLAN      | 8.82     | ±9.6                   |
| 10624 | AAD | IEEE 802.11ac WiFi (40 MHz, MCS8, 90pc duty cycle)     | WLAN      | 8.96     | ±9.6                   |
| 10625 | AAD | IEEE 802.11ac WiFi (40 MHz, MCS9, 90pc duty cycle)     | WLAN      | 8.96     | ±9.6                   |
| 10626 | AAD | IEEE 802.11ac WiFi (80 MHz, MCS0, 90pc duty cycle)     | WLAN      | 8.83     | ±9.6                   |
| 10627 | AAD | IEEE 802.11ac WiFi (80 MHz, MCS1, 90pc duty cycle)     | WLAN      | 8.88     | ±9.6                   |
| 10628 | AAD | IEEE 802.11ac WiFi (80 MHz, MCS2, 90pc duty cycle)     | WLAN      | 8.71     | ±9.6                   |
| 10629 | AAD | IEEE 802.11ac WiFi (80 MHz, MCS3, 90pc duty cycle)     | WLAN      | 8.85     | ±9.6                   |
| 10630 | AAD | IEEE 802.11ac WiFi (80 MHz, MCS4, 90pc duty cycle)     | WLAN      | 8.72     | ±9.6                   |
| 10631 | AAD | IEEE 802.11ac WiFi (80 MHz, MCS5, 90pc duty cycle)     | WLAN      | 8.81     | ±9.6                   |
| 10632 | AAD | IEEE 802.11ac WiFi (80 MHz, MCS6, 90pc duty cycle)     | WLAN      | 8.74     | ±9.6                   |
| 10633 | AAD | IEEE 802.11ac WiFi (80 MHz, MCS7, 90pc duty cycle)     | WLAN      | 8.83     | ±9.6                   |
| 10634 | AAD | IEEE 802.11ac WiFi (80 MHz, MCS8, 90pc duty cycle)     | WLAN      | 8.80     | ±9.6                   |
| 10635 | AAD | IEEE 802.11ac WiFi (80 MHz, MCS9, 90pc duty cycle)     | WLAN      | 8.81     | ±9.6                   |
| 10636 | AAE | IEEE 802.11ac WiFi (160 MHz, MCS0, 90pc duty cycle)    | WLAN      | 8.83     | ±9.6                   |
| 10637 | AAE | IEEE 802.11ac WiFi (160 MHz, MCS1, 90pc duty cycle)    | WLAN      | 8.79     | ±9.6                   |
| 10638 | AAE | IEEE 802.11ac WiFi (160 MHz, MCS2, 90pc duty cycle)    | WLAN      | 8.86     | ±9.6                   |
| 10639 | AAE | IEEE 802.11ac WiFi (160 MHz, MCS3, 90pc duty cycle)    | WLAN      | 8.85     | ±9.6                   |
| 10640 | AAE | IEEE 802.11ac WiFi (160 MHz, MCS4, 90pc duty cycle)    | WLAN      | 8.98     | ±9.6                   |
| 10641 | AAE | IEEE 802.11ac WiFi (160 MHz, MCS5, 90pc duty cycle)    | WLAN      | 9.06     | ±9.6                   |
| 10642 | AAE | IEEE 802.11ac WiFi (160 MHz, MCS6, 90pc duty cycle)    | WLAN      | 9.06     | ±9.6                   |
| 10643 | AAE | IEEE 802.11ac WiFi (160 MHz, MCS7, 90pc duty cycle)    | WLAN      | 8.89     | ±9.6                   |
| 10644 | AAE | IEEE 802.11ac WiFi (160 MHz, MCS8, 90pc duty cycle)    | WLAN      | 9.05     | ±9.6                   |
| 10645 | AAE | IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duty cycle)    | WLAN      | 9.11     | ±9.6                   |
| 10646 | AAH | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7)  | LTE-TDD   | 11.96    | ±9.6                   |
| 10647 | AAG | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7) | LTE-TDD   | 11.96    | ±9.6                   |
| 10648 | AAA | CDMA2000 (1x Advanced)                                 | CDMA2000  | 3.45     | ±9.6                   |
| 10652 | AAF | LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)         | LTE-TDD   | 6.91     | ±9.6                   |
| 10653 | AAF | LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)        | LTE-TDD   | 7.42     | ±9.6                   |
| 10654 | AAE | LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)        | LTE-TDD   | 6.96     | ±9.6                   |
| 10655 | AAF | LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)        | LTE-TDD   | 7.21     | ±9.6                   |
| 10658 | AAB | Pulse Waveform (200Hz, 10%)                            | Test      | 10.00    | ±9.6                   |
| 10659 | AAB | Pulse Waveform (200Hz, 20%)                            | Test      | 6.99     | ±9.6                   |
| 10660 | AAB | Pulse Waveform (200Hz, 40%)                            | Test      | 3.98     | ±9.6                   |
| 10661 | AAB | Pulse Waveform (200Hz, 60%)                            | Test      | 2.22     | ±9.6                   |
| 10662 | AAB | Pulse Waveform (200Hz, 80%)                            | Test      | 0.97     | ±9.6                   |
| 10670 | AAA | Bluetooth Low Energy                                   | Bluetooth | 2.19     | ±9.6                   |
| 10671 | AAC | IEEE 802.11ax (20 MHz, MCS0, 90pc duty cycle)          | WLAN      | 9.09     | ±9.6                   |
| 10672 | AAC | IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle)          | WLAN      | 8.57     | ±9.6                   |
| 10673 | AAC | IEEE 802.11ax (20 MHz, MCS2, 90pc duty cycle)          | WLAN      | 8.78     | ±9.6                   |
| 10674 | AAC | IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)          | WLAN      | 8.74     | ±9.6                   |
| 10675 | AAC | IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle)          | WLAN      | 8.90     | ±9.6                   |
| 10676 | AAC | IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle)          | WLAN      | 8.77     | ±9.6                   |
| 10677 | AAC | IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle)          | WLAN      | 8.73     | ±9.6                   |
| 10678 | AAC | IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle)          | WLAN      | 8.78     | ±9.6                   |
| 10679 | AAC | IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle)          | WLAN      | 8.89     | ±9.6                   |
| 10680 | AAC | IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle)          | WLAN      | 8.80     | ±9.6                   |
| 10681 | AAC | IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle)         | WLAN      | 8.62     | ±9.6                   |
| 10682 | AAC | IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle)         | WLAN      | 8.83     | ±9.6                   |
| 10683 | AAC | IEEE 802.11ax (20 MHz, MCS0, 99pc duty cycle)          | WLAN      | 8.42     | ±9.6                   |
| 10684 | AAC | IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle)          | WLAN      | 8.26     | ±9.6                   |
| 10685 | AAC | IEEE 802.11ax (20 MHz, MCS2, 99pc duty cycle)          | WLAN      | 8.33     | ±9.6                   |
| 10686 | AAC | IEEE 802.11ax (20 MHz, MCS3, 99pc duty cycle)          | WLAN      | 8.28     | ±9.6                   |

| UID   | Rev | Communication System Name                      | Group | PAR (dB) | Unc <sup>E</sup> k = 2 |
|-------|-----|------------------------------------------------|-------|----------|------------------------|
| 10687 | AAC | IEEE 802.11ax (20 MHz, MCS4, 99pc duty cycle)  | WLAN  | 8.45     | ±9.6                   |
| 10688 | AAC | IEEE 802.11ax (20 MHz, MCS5, 99pc duty cycle)  | WLAN  | 8.29     | ±9.6                   |
| 10689 | AAC | IEEE 802.11ax (20 MHz, MCS6, 99pc duty cycle)  | WLAN  | 8.55     | ±9.6                   |
| 10690 | AAC | IEEE 802.11ax (20 MHz, MCS7, 99pc duty cycle)  | WLAN  | 8.29     | ±9.6                   |
| 10691 | AAC | IEEE 802.11ax (20 MHz, MCS8, 99pc duty cycle)  | WLAN  | 8.25     | ±9.6                   |
| 10692 | AAC | IEEE 802.11ax (20 MHz, MCS9, 99pc duty cycle)  | WLAN  | 8.29     | ±9.6                   |
| 10693 | AAC | IEEE 802.11ax (20 MHz, MCS10, 99pc duty cycle) | WLAN  | 8.25     | ±9.6                   |
| 10694 | AAC | IEEE 802.11ax (20 MHz, MCS11, 99pc duty cycle) | WLAN  | 8.57     | ±9.6                   |
| 10695 | AAC | IEEE 802.11ax (40 MHz, MCS0, 90pc duty cycle)  | WLAN  | 8.78     | ±9.6                   |
| 10696 | AAC | IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)  | WLAN  | 8.91     | ±9.6                   |
| 10697 | AAC | IEEE 802.11ax (40 MHz, MCS2, 90pc duty cycle)  | WLAN  | 8.61     | ±9.6                   |
| 10698 | AAC | IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle)  | WLAN  | 8.89     | ±9.6                   |
| 10699 | AAC | IEEE 802.11ax (40 MHz, MCS4, 90pc duty cycle)  | WLAN  | 8.82     | ±9.6                   |
| 10700 | AAC | IEEE 802.11ax (40 MHz, MCS5, 90pc duty cycle)  | WLAN  | 8.73     | ±9.6                   |
| 10701 | AAC | IEEE 802.11ax (40 MHz, MCS6, 90pc duty cycle)  | WLAN  | 8.86     | ±9.6                   |
| 10702 | AAC | IEEE 802.11ax (40 MHz, MCS7, 90pc duty cycle)  | WLAN  | 8.70     | ±9.6                   |
| 10703 | AAC | IEEE 802.11ax (40 MHz, MCS8, 90pc duty cycle)  | WLAN  | 8.82     | ±9.6                   |
| 10704 | AAC | IEEE 802.11ax (40 MHz, MCS9, 90pc duty cycle)  | WLAN  | 8.56     | ±9.6                   |
| 10705 | AAC | IEEE 802.11ax (40 MHz, MCS10, 90pc duty cycle) | WLAN  | 8.69     | ±9.6                   |
| 10706 | AAC | IEEE 802.11ax (40 MHz, MCS11, 90pc duty cycle) | WLAN  | 8.66     | ±9.6                   |
| 10707 | AAC | IEEE 802.11ax (40 MHz, MCS0, 99pc duty cycle)  | WLAN  | 8.32     | ±9.6                   |
| 10708 | AAC | IEEE 802.11ax (40 MHz, MCS1, 99pc duty cycle)  | WLAN  | 8.55     | ±9.6                   |
| 10709 | AAC | IEEE 802.11ax (40 MHz, MCS2, 99pc duty cycle)  | WLAN  | 8.33     | ±9.6                   |
| 10710 | AAC | IEEE 802.11ax (40 MHz, MCS3, 99pc duty cycle)  | WLAN  | 8.29     | ±9.6                   |
| 10711 | AAC | IEEE 802.11ax (40 MHz, MCS4, 99pc duty cycle)  | WLAN  | 8.39     | ±9.6                   |
| 10712 | AAC | IEEE 802.11ax (40 MHz, MCS5, 99pc duty cycle)  | WLAN  | 8.67     | ±9.6                   |
| 10713 | AAC | IEEE 802.11ax (40 MHz, MCS6, 99pc duty cycle)  | WLAN  | 8.33     | ±9.6                   |
| 10714 | AAC | IEEE 802.11ax (40 MHz, MCS7, 99pc duty cycle)  | WLAN  | 8.26     | ±9.6                   |
| 10715 | AAC | IEEE 802.11ax (40 MHz, MCS8, 99pc duty cycle)  | WLAN  | 8.45     | ±9.6                   |
| 10716 | AAC | IEEE 802.11ax (40 MHz, MCS9, 99pc duty cycle)  | WLAN  | 8.30     | ±9.6                   |
| 10717 | AAC | IEEE 802.11ax (40 MHz, MCS10, 99pc duty cycle) | WLAN  | 8.48     | ±9.6                   |
| 10718 | AAC | IEEE 802.11ax (40 MHz, MCS11, 99pc duty cycle) | WLAN  | 8.24     | ±9.6                   |
| 10719 | AAC | IEEE 802.11ax (80 MHz, MCS0, 90pc duty cycle)  | WLAN  | 8.81     | ±9.6                   |
| 10720 | AAC | IEEE 802.11ax (80 MHz, MCS1, 90pc duty cycle)  | WLAN  | 8.87     | ±9.6                   |
| 10721 | AAC | IEEE 802.11ax (80 MHz, MCS2, 90pc duty cycle)  | WLAN  | 8.76     | ±9.6                   |
| 10722 | AAC | IEEE 802.11ax (80 MHz, MCS3, 90pc duty cycle)  | WLAN  | 8.55     | ±9.6                   |
| 10723 | AAC | IEEE 802.11ax (80 MHz, MCS4, 90pc duty cycle)  | WLAN  | 8.70     | ±9.6                   |
| 10724 | AAC | IEEE 802.11ax (80 MHz, MCS5, 90pc duty cycle)  | WLAN  | 8.90     | ±9.6                   |
| 10725 | AAC | IEEE 802.11ax (80 MHz, MCS6, 90pc duty cycle)  | WLAN  | 8.74     | ±9.6                   |
| 10726 | AAC | IEEE 802.11ax (80 MHz, MCS7, 90pc duty cycle)  | WLAN  | 8.72     | ±9.6                   |
| 10727 | AAC | IEEE 802.11ax (80 MHz, MCS8, 90pc duty cycle)  | WLAN  | 8.66     | ±9.6                   |
| 10728 | AAC | IEEE 802.11ax (80 MHz, MCS9, 90pc duty cycle)  | WLAN  | 8.65     | ±9.6                   |
| 10729 | AAC | IEEE 802.11ax (80 MHz, MCS10, 90pc duty cycle) | WLAN  | 8.64     | ±9.6                   |
| 10730 | AAC | IEEE 802.11ax (80 MHz, MCS11, 90pc duty cycle) | WLAN  | 8.67     | ±9.6                   |
| 10731 | AAC | IEEE 802.11ax (80 MHz, MCS0, 99pc duty cycle)  | WLAN  | 8.42     | ±9.6                   |
| 10732 | AAC | IEEE 802.11ax (80 MHz, MCS1, 99pc duty cycle)  | WLAN  | 8.46     | ±9.6                   |
| 10733 | AAC | IEEE 802.11ax (80 MHz, MCS2, 99pc duty cycle)  | WLAN  | 8.40     | ±9.6                   |
| 10734 | AAC | IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle)  | WLAN  | 8.25     | ±9.6                   |
| 10735 | AAC | IEEE 802.11ax (80 MHz, MCS4, 99pc duty cycle)  | WLAN  | 8.33     | ±9.6                   |
| 10736 | AAC | IEEE 802.11ax (80 MHz, MCS5, 99pc duty cycle)  | WLAN  | 8.27     | ±9.6                   |
| 10737 | AAC | IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle)  | WLAN  | 8.36     | ±9.6                   |
| 10738 | AAC | IEEE 802.11ax (80 MHz, MCS7, 99pc duty cycle)  | WLAN  | 8.42     | ±9.6                   |
| 10739 | AAC | IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle)  | WLAN  | 8.29     | ±9.6                   |
| 10740 | AAC | IEEE 802.11ax (80 MHz, MCS9, 99pc duty cycle)  | WLAN  | 8.48     | ±9.6                   |
| 10741 | AAC | IEEE 802.11ax (80 MHz, MCS10, 99pc duty cycle) | WLAN  | 8.40     | ±9.6                   |
| 10742 | AAC | IEEE 802.11ax (80 MHz, MCS11, 99pc duty cycle) | WLAN  | 8.43     | ±9.6                   |
| 10743 | AAC | IEEE 802.11ax (160 MHz, MCS0, 90pc duty cycle) | WLAN  | 8.94     | ±9.6                   |
| 10744 | AAC | IEEE 802.11ax (160 MHz, MCS1, 90pc duty cycle) | WLAN  | 9.16     | ±9.6                   |
| 10745 | AAC | IEEE 802.11ax (160 MHz, MCS2, 90pc duty cycle) | WLAN  | 8.93     | ±9.6                   |
| 10746 | AAC | IEEE 802.11ax (160 MHz, MCS3, 90pc duty cycle) | WLAN  | 9.11     | ±9.6                   |
| 10747 | AAC | IEEE 802.11ax (160 MHz, MCS4, 90pc duty cycle) | WLAN  | 9.04     | ±9.6                   |
| 10748 | AAC | IEEE 802.11ax (160 MHz, MCS5, 90pc duty cycle) | WLAN  | 8.93     | ±9.6                   |
| 10749 | AAC | IEEE 802.11ax (160 MHz, MCS6, 90pc duty cycle) | WLAN  | 8.90     | ±9.6                   |
| 10750 | AAC | IEEE 802.11ax (160 MHz, MCS7, 90pc duty cycle) | WLAN  | 8.79     | ±9.6                   |
| 10751 | AAC | IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle) | WLAN  | 8.82     | ±9.6                   |
| 10752 | AAC | IEEE 802.11ax (160 MHz, MCS9, 90pc duty cycle) | WLAN  | 8.81     | ±9.6                   |

| UID   | Rev | Communication System Name                       | Group         | PAR (dB) | Unc <sup>E</sup> k = 2 |
|-------|-----|-------------------------------------------------|---------------|----------|------------------------|
| 10753 | AAC | IEEE 802.11ax (160 MHz, MCS10, 90pc duty cycle) | WLAN          | 9.00     | ±9.6                   |
| 10754 | AAC | IEEE 802.11ax (160 MHz, MCS11, 90pc duty cycle) | WLAN          | 8.94     | ±9.6                   |
| 10755 | AAC | IEEE 802.11ax (160 MHz, MCS0, 99pc duty cycle)  | WLAN          | 8.64     | ±9.6                   |
| 10756 | AAC | IEEE 802.11ax (160 MHz, MCS1, 99pc duty cycle)  | WLAN          | 8.77     | ±9.6                   |
| 10757 | AAC | IEEE 802.11ax (160 MHz, MCS2, 99pc duty cycle)  | WLAN          | 8.77     | ±9.6                   |
| 10758 | AAC | IEEE 802.11ax (160 MHz, MCS3, 99pc duty cycle)  | WLAN          | 8.69     | ±9.6                   |
| 10759 | AAC | IEEE 802.11ax (160 MHz, MCS4, 99pc duty cycle)  | WLAN          | 8.58     | ±9.6                   |
| 10760 | AAC | IEEE 802.11ax (160 MHz, MCS5, 99pc duty cycle)  | WLAN          | 8.49     | ±9.6                   |
| 10761 | AAC | IEEE 802.11ax (160 MHz, MCS6, 99pc duty cycle)  | WLAN          | 8.58     | ±9.6                   |
| 10762 | AAC | IEEE 802.11ax (160 MHz, MCS7, 99pc duty cycle)  | WLAN          | 8.49     | ±9.6                   |
| 10763 | AAC | IEEE 802.11ax (160 MHz, MCS8, 99pc duty cycle)  | WLAN          | 8.53     | ±9.6                   |
| 10764 | AAC | IEEE 802.11ax (160 MHz, MCS9, 99pc duty cycle)  | WLAN          | 8.54     | ±9.6                   |
| 10765 | AAC | IEEE 802.11ax (160 MHz, MCS10, 99pc duty cycle) | WLAN          | 8.54     | ±9.6                   |
| 10766 | AAC | IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle) | WLAN          | 8.51     | ±9.6                   |
| 10767 | AAG | 5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)      | 5G NR FR1 TDD | 7.99     | ±9.6                   |
| 10768 | AAE | 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)     | 5G NR FR1 TDD | 8.01     | ±9.6                   |
| 10769 | AAD | 5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)     | 5G NR FR1 TDD | 8.01     | ±9.6                   |
| 10770 | AAE | 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)     | 5G NR FR1 TDD | 8.02     | ±9.6                   |
| 10771 | AAD | 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)     | 5G NR FR1 TDD | 8.02     | ±9.6                   |
| 10772 | AAE | 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)     | 5G NR FR1 TDD | 8.23     | ±9.6                   |
| 10773 | AAF | 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)     | 5G NR FR1 TDD | 8.03     | ±9.6                   |
| 10774 | AAE | 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)     | 5G NR FR1 TDD | 8.02     | ±9.6                   |
| 10775 | AAF | 5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)    | 5G NR FR1 TDD | 8.31     | ±9.6                   |
| 10776 | AAE | 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)   | 5G NR FR1 TDD | 8.30     | ±9.6                   |
| 10777 | AAC | 5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)   | 5G NR FR1 TDD | 8.30     | ±9.6                   |
| 10778 | AAE | 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)   | 5G NR FR1 TDD | 8.34     | ±9.6                   |
| 10779 | AAC | 5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)   | 5G NR FR1 TDD | 8.42     | ±9.6                   |
| 10780 | AAE | 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)   | 5G NR FR1 TDD | 8.38     | ±9.6                   |
| 10781 | AAF | 5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)   | 5G NR FR1 TDD | 8.38     | ±9.6                   |
| 10782 | AAE | 5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)   | 5G NR FR1 TDD | 8.43     | ±9.6                   |
| 10783 | AAG | 5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)   | 5G NR FR1 TDD | 8.31     | ±9.6                   |
| 10784 | AAE | 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)  | 5G NR FR1 TDD | 8.29     | ±9.6                   |
| 10785 | AAD | 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)  | 5G NR FR1 TDD | 8.40     | ±9.6                   |
| 10786 | AAE | 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)  | 5G NR FR1 TDD | 8.35     | ±9.6                   |
| 10787 | AAD | 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)  | 5G NR FR1 TDD | 8.44     | ±9.6                   |
| 10788 | AAE | 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)  | 5G NR FR1 TDD | 8.39     | ±9.6                   |
| 10789 | AAF | 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)  | 5G NR FR1 TDD | 8.37     | ±9.6                   |
| 10790 | AAE | 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)  | 5G NR FR1 TDD | 8.39     | ±9.6                   |
| 10791 | AAG | 5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)      | 5G NR FR1 TDD | 7.83     | ±9.6                   |
| 10792 | AAE | 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 7.92     | ±9.6                   |
| 10793 | AAD | 5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 7.95     | ±9.6                   |
| 10794 | AAE | 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 7.82     | ±9.6                   |
| 10795 | AAD | 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 7.84     | ±9.6                   |
| 10796 | AAE | 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 7.82     | ±9.6                   |
| 10797 | AAF | 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 8.01     | ±9.6                   |
| 10798 | AAE | 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 7.89     | ±9.6                   |
| 10799 | AAF | 5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 7.93     | ±9.6                   |
| 10801 | AAF | 5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 7.89     | ±9.6                   |
| 10802 | AAE | 5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 7.87     | ±9.6                   |
| 10803 | AAF | 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)    | 5G NR FR1 TDD | 7.93     | ±9.6                   |
| 10805 | AAE | 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 8.34     | ±9.6                   |
| 10806 | AAD | 5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 8.37     | ±9.6                   |
| 10809 | AAE | 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 8.34     | ±9.6                   |
| 10810 | AAF | 5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 8.34     | ±9.6                   |
| 10812 | AAF | 5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 8.35     | ±9.6                   |
| 10817 | AAG | 5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 8.35     | ±9.6                   |
| 10818 | AAE | 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)  | 5G NR FR1 TDD | 8.34     | ±9.6                   |
| 10819 | AAD | 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)  | 5G NR FR1 TDD | 8.33     | ±9.6                   |
| 10820 | AAE | 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)  | 5G NR FR1 TDD | 8.30     | ±9.6                   |
| 10821 | AAD | 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)  | 5G NR FR1 TDD | 8.41     | ±9.6                   |
| 10822 | AAE | 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)  | 5G NR FR1 TDD | 8.41     | ±9.6                   |
| 10823 | AAF | 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)  | 5G NR FR1 TDD | 8.36     | ±9.6                   |
| 10824 | AAE | 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)  | 5G NR FR1 TDD | 8.39     | ±9.6                   |
| 10825 | AAF | 5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)  | 5G NR FR1 TDD | 8.41     | ±9.6                   |
| 10827 | AAF | 5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)  | 5G NR FR1 TDD | 8.42     | ±9.6                   |
| 10828 | AAE | 5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)  | 5G NR FR1 TDD | 8.43     | ±9.6                   |

| UID   | Rev | Communication System Name                            | Group         | PAR (dB) | Unc <sup>E</sup> $k = 2$ |
|-------|-----|------------------------------------------------------|---------------|----------|--------------------------|
| 10829 | AAF | 5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)      | 5G NR FR1 TDD | 8.40     | ±9.6                     |
| 10830 | AAE | 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)          | 5G NR FR1 TDD | 7.63     | ±9.6                     |
| 10831 | AAD | 5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)          | 5G NR FR1 TDD | 7.73     | ±9.6                     |
| 10832 | AAE | 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)          | 5G NR FR1 TDD | 7.74     | ±9.6                     |
| 10833 | AAD | 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)          | 5G NR FR1 TDD | 7.70     | ±9.6                     |
| 10834 | AAE | 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)          | 5G NR FR1 TDD | 7.75     | ±9.6                     |
| 10835 | AAF | 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)          | 5G NR FR1 TDD | 7.70     | ±9.6                     |
| 10836 | AAE | 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)          | 5G NR FR1 TDD | 7.66     | ±9.6                     |
| 10837 | AAF | 5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)          | 5G NR FR1 TDD | 7.68     | ±9.6                     |
| 10839 | AAF | 5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)          | 5G NR FR1 TDD | 7.70     | ±9.6                     |
| 10840 | AAE | 5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)          | 5G NR FR1 TDD | 7.67     | ±9.6                     |
| 10841 | AAF | 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)         | 5G NR FR1 TDD | 7.71     | ±9.6                     |
| 10843 | AAD | 5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)        | 5G NR FR1 TDD | 8.49     | ±9.6                     |
| 10844 | AAE | 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)        | 5G NR FR1 TDD | 8.34     | ±9.6                     |
| 10846 | AAE | 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)        | 5G NR FR1 TDD | 8.41     | ±9.6                     |
| 10854 | AAE | 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)       | 5G NR FR1 TDD | 8.34     | ±9.6                     |
| 10855 | AAD | 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)       | 5G NR FR1 TDD | 8.36     | ±9.6                     |
| 10856 | AAE | 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)       | 5G NR FR1 TDD | 8.37     | ±9.6                     |
| 10857 | AAD | 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)       | 5G NR FR1 TDD | 8.35     | ±9.6                     |
| 10858 | AAE | 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)       | 5G NR FR1 TDD | 8.36     | ±9.6                     |
| 10859 | AAF | 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)       | 5G NR FR1 TDD | 8.34     | ±9.6                     |
| 10860 | AAE | 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)       | 5G NR FR1 TDD | 8.41     | ±9.6                     |
| 10861 | AAF | 5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)       | 5G NR FR1 TDD | 8.40     | ±9.6                     |
| 10863 | AAF | 5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)       | 5G NR FR1 TDD | 8.41     | ±9.6                     |
| 10864 | AAE | 5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)       | 5G NR FR1 TDD | 8.37     | ±9.6                     |
| 10865 | AAF | 5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)      | 5G NR FR1 TDD | 8.41     | ±9.6                     |
| 10866 | AAF | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)      | 5G NR FR1 TDD | 5.68     | ±9.6                     |
| 10868 | AAF | 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 5.89     | ±9.6                     |
| 10869 | AAE | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)     | 5G NR FR2 TDD | 5.75     | ±9.6                     |
| 10870 | AAE | 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)  | 5G NR FR2 TDD | 5.86     | ±9.6                     |
| 10871 | AAE | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)    | 5G NR FR2 TDD | 5.75     | ±9.6                     |
| 10872 | AAE | 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz) | 5G NR FR2 TDD | 6.52     | ±9.6                     |
| 10873 | AAE | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)    | 5G NR FR2 TDD | 6.61     | ±9.6                     |
| 10874 | AAE | 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz) | 5G NR FR2 TDD | 6.65     | ±9.6                     |
| 10875 | AAE | 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)        | 5G NR FR2 TDD | 7.78     | ±9.6                     |
| 10876 | AAE | 5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)     | 5G NR FR2 TDD | 8.39     | ±9.6                     |
| 10877 | AAE | 5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)       | 5G NR FR2 TDD | 7.95     | ±9.6                     |
| 10878 | AAE | 5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)    | 5G NR FR2 TDD | 8.41     | ±9.6                     |
| 10879 | AAE | 5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)       | 5G NR FR2 TDD | 8.12     | ±9.6                     |
| 10880 | AAE | 5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)    | 5G NR FR2 TDD | 8.38     | ±9.6                     |
| 10881 | AAE | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)      | 5G NR FR2 TDD | 5.75     | ±9.6                     |
| 10882 | AAE | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)   | 5G NR FR2 TDD | 5.96     | ±9.6                     |
| 10883 | AAE | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)     | 5G NR FR2 TDD | 6.57     | ±9.6                     |
| 10884 | AAE | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)  | 5G NR FR2 TDD | 6.53     | ±9.6                     |
| 10885 | AAE | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)     | 5G NR FR2 TDD | 6.61     | ±9.6                     |
| 10886 | AAE | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)  | 5G NR FR2 TDD | 6.65     | ±9.6                     |
| 10887 | AAE | 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)         | 5G NR FR2 TDD | 7.78     | ±9.6                     |
| 10888 | AAE | 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)      | 5G NR FR2 TDD | 8.35     | ±9.6                     |
| 10889 | AAE | 5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)        | 5G NR FR2 TDD | 8.02     | ±9.6                     |
| 10890 | AAE | 5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)     | 5G NR FR2 TDD | 8.40     | ±9.6                     |
| 10891 | AAE | 5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)        | 5G NR FR2 TDD | 8.13     | ±9.6                     |
| 10892 | AAE | 5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)     | 5G NR FR2 TDD | 8.41     | ±9.6                     |
| 10897 | AAE | 5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)        | 5G NR FR1 TDD | 5.66     | ±9.6                     |
| 10898 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)       | 5G NR FR1 TDD | 5.67     | ±9.6                     |
| 10899 | AAB | 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)       | 5G NR FR1 TDD | 5.67     | ±9.6                     |
| 10900 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)       | 5G NR FR1 TDD | 5.68     | ±9.6                     |
| 10901 | AAB | 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)       | 5G NR FR1 TDD | 5.68     | ±9.6                     |
| 10902 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)       | 5G NR FR1 TDD | 5.68     | ±9.6                     |
| 10903 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)       | 5G NR FR1 TDD | 5.68     | ±9.6                     |
| 10904 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)       | 5G NR FR1 TDD | 5.68     | ±9.6                     |
| 10905 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)       | 5G NR FR1 TDD | 5.68     | ±9.6                     |
| 10906 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)       | 5G NR FR1 TDD | 5.68     | ±9.6                     |
| 10907 | AAE | 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)      | 5G NR FR1 TDD | 5.78     | ±9.6                     |
| 10908 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 5.93     | ±9.6                     |
| 10909 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 5.96     | ±9.6                     |
| 10910 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 5.83     | ±9.6                     |

| UID   | Rev | Communication System Name                           | Group         | PAR (dB) | Unc <sup>E</sup> $k = 2$ |
|-------|-----|-----------------------------------------------------|---------------|----------|--------------------------|
| 10911 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)    | 5G NR FR1 TDD | 5.93     | ±9.6                     |
| 10912 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)    | 5G NR FR1 TDD | 5.84     | ±9.6                     |
| 10913 | AAD | 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)    | 5G NR FR1 TDD | 5.84     | ±9.6                     |
| 10914 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)    | 5G NR FR1 TDD | 5.85     | ±9.6                     |
| 10915 | AAD | 5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)    | 5G NR FR1 TDD | 5.83     | ±9.6                     |
| 10916 | AAD | 5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)    | 5G NR FR1 TDD | 5.87     | ±9.6                     |
| 10917 | AAD | 5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 5.94     | ±9.6                     |
| 10918 | AAE | 5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)    | 5G NR FR1 TDD | 5.86     | ±9.6                     |
| 10919 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 5.86     | ±9.6                     |
| 10920 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 5.87     | ±9.6                     |
| 10921 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 5.84     | ±9.6                     |
| 10922 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 5.82     | ±9.6                     |
| 10923 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 5.84     | ±9.6                     |
| 10924 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 5.84     | ±9.6                     |
| 10925 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 5.95     | ±9.6                     |
| 10926 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 5.84     | ±9.6                     |
| 10927 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 5.94     | ±9.6                     |
| 10928 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)       | 5G NR FR1 FDD | 5.52     | ±9.6                     |
| 10929 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)      | 5G NR FR1 FDD | 5.52     | ±9.6                     |
| 10930 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)      | 5G NR FR1 FDD | 5.52     | ±9.6                     |
| 10931 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)      | 5G NR FR1 FDD | 5.51     | ±9.6                     |
| 10932 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)      | 5G NR FR1 FDD | 5.51     | ±9.6                     |
| 10933 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)      | 5G NR FR1 FDD | 5.51     | ±9.6                     |
| 10934 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)      | 5G NR FR1 FDD | 5.51     | ±9.6                     |
| 10935 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)      | 5G NR FR1 FDD | 5.51     | ±9.6                     |
| 10936 | AAD | 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)     | 5G NR FR1 FDD | 5.90     | ±9.6                     |
| 10937 | AAD | 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)    | 5G NR FR1 FDD | 5.77     | ±9.6                     |
| 10938 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)    | 5G NR FR1 FDD | 5.90     | ±9.6                     |
| 10939 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)    | 5G NR FR1 FDD | 5.82     | ±9.6                     |
| 10940 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)    | 5G NR FR1 FDD | 5.89     | ±9.6                     |
| 10941 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)    | 5G NR FR1 FDD | 5.83     | ±9.6                     |
| 10942 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)    | 5G NR FR1 FDD | 5.85     | ±9.6                     |
| 10943 | AAD | 5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)    | 5G NR FR1 FDD | 5.95     | ±9.6                     |
| 10944 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)    | 5G NR FR1 FDD | 5.81     | ±9.6                     |
| 10945 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)   | 5G NR FR1 FDD | 5.85     | ±9.6                     |
| 10946 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)   | 5G NR FR1 FDD | 5.83     | ±9.6                     |
| 10947 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)   | 5G NR FR1 FDD | 5.87     | ±9.6                     |
| 10948 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)   | 5G NR FR1 FDD | 5.94     | ±9.6                     |
| 10949 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)   | 5G NR FR1 FDD | 5.87     | ±9.6                     |
| 10950 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)   | 5G NR FR1 FDD | 5.94     | ±9.6                     |
| 10951 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)   | 5G NR FR1 FDD | 5.92     | ±9.6                     |
| 10952 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)   | 5G NR FR1 FDD | 8.25     | ±9.6                     |
| 10953 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)  | 5G NR FR1 FDD | 8.15     | ±9.6                     |
| 10954 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)  | 5G NR FR1 FDD | 8.23     | ±9.6                     |
| 10955 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)  | 5G NR FR1 FDD | 8.42     | ±9.6                     |
| 10956 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)   | 5G NR FR1 FDD | 8.14     | ±9.6                     |
| 10957 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)  | 5G NR FR1 FDD | 8.31     | ±9.6                     |
| 10958 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)  | 5G NR FR1 FDD | 8.61     | ±9.6                     |
| 10959 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)  | 5G NR FR1 FDD | 8.33     | ±9.6                     |
| 10960 | AAE | 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)   | 5G NR FR1 TDD | 9.32     | ±9.6                     |
| 10961 | AAC | 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)  | 5G NR FR1 TDD | 9.36     | ±9.6                     |
| 10962 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)  | 5G NR FR1 TDD | 9.40     | ±9.6                     |
| 10963 | AAC | 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)  | 5G NR FR1 TDD | 9.55     | ±9.6                     |
| 10964 | AAE | 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)   | 5G NR FR1 TDD | 9.29     | ±9.6                     |
| 10965 | AAC | 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)  | 5G NR FR1 TDD | 9.37     | ±9.6                     |
| 10966 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)  | 5G NR FR1 TDD | 9.55     | ±9.6                     |
| 10967 | AAC | 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)  | 5G NR FR1 TDD | 9.42     | ±9.6                     |
| 10968 | AAD | 5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.49     | ±9.6                     |
| 10972 | AAC | 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)         | 5G NR FR1 TDD | 11.59    | ±9.6                     |
| 10973 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 9.06     | ±9.6                     |
| 10974 | AAD | 5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)  | 5G NR FR1 TDD | 10.28    | ±9.6                     |
| 10978 | AAA | ULLA BDR                                            | ULLA          | 1.16     | ±9.6                     |
| 10979 | AAA | ULLA HDR4                                           | ULLA          | 8.58     | ±9.6                     |
| 10980 | AAA | ULLA HDR8                                           | ULLA          | 10.32    | ±9.6                     |
| 10981 | AAA | ULLA HDRp4                                          | ULLA          | 3.19     | ±9.6                     |
| 10982 | AAA | ULLA HDRp8                                          | ULLA          | 3.43     | ±9.6                     |

| UID   | Rev | Communication System Name                          | Group         | PAR (dB) | Unc <sup>E</sup> $k = 2$ |
|-------|-----|----------------------------------------------------|---------------|----------|--------------------------|
| 10983 | AAC | 5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz) | 5G NR FR1 TDD | 9.31     | ±9.6                     |
| 10984 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz) | 5G NR FR1 TDD | 9.42     | ±9.6                     |
| 10985 | AAC | 5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.54     | ±9.6                     |
| 10986 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.50     | ±9.6                     |
| 10987 | AAC | 5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.53     | ±9.6                     |
| 10988 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.38     | ±9.6                     |
| 10989 | AAC | 5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.33     | ±9.6                     |
| 10990 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.52     | ±9.6                     |
| 11003 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz) | 5G NR FR1 TDD | 10.24    | ±9.6                     |
| 11004 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 10.73    | ±9.6                     |
| 11005 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 15 kHz) | 5G NR FR1 FDD | 8.70     | ±9.6                     |
| 11006 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz) | 5G NR FR1 FDD | 8.55     | ±9.6                     |
| 11007 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz) | 5G NR FR1 FDD | 8.46     | ±9.6                     |
| 11008 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz) | 5G NR FR1 FDD | 8.51     | ±9.6                     |
| 11009 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 30 kHz) | 5G NR FR1 FDD | 8.76     | ±9.6                     |
| 11010 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz) | 5G NR FR1 FDD | 8.95     | ±9.6                     |
| 11011 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz) | 5G NR FR1 FDD | 8.96     | ±9.6                     |
| 11012 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz) | 5G NR FR1 FDD | 8.68     | ±9.6                     |
| 11013 | AAB | IEEE 802.11be (320 MHz, MCS1, 99pc duty cycle)     | WLAN          | 8.47     | ±9.6                     |
| 11014 | AAB | IEEE 802.11be (320 MHz, MCS2, 99pc duty cycle)     | WLAN          | 8.45     | ±9.6                     |
| 11015 | AAB | IEEE 802.11be (320 MHz, MCS3, 99pc duty cycle)     | WLAN          | 8.44     | ±9.6                     |
| 11016 | AAB | IEEE 802.11be (320 MHz, MCS4, 99pc duty cycle)     | WLAN          | 8.44     | ±9.6                     |
| 11017 | AAB | IEEE 802.11be (320 MHz, MCS5, 99pc duty cycle)     | WLAN          | 8.41     | ±9.6                     |
| 11018 | AAB | IEEE 802.11be (320 MHz, MCS6, 99pc duty cycle)     | WLAN          | 8.40     | ±9.6                     |
| 11019 | AAB | IEEE 802.11be (320 MHz, MCS7, 99pc duty cycle)     | WLAN          | 8.29     | ±9.6                     |
| 11020 | AAB | IEEE 802.11be (320 MHz, MCS8, 99pc duty cycle)     | WLAN          | 8.27     | ±9.6                     |
| 11021 | AAB | IEEE 802.11be (320 MHz, MCS9, 99pc duty cycle)     | WLAN          | 8.46     | ±9.6                     |
| 11022 | AAB | IEEE 802.11be (320 MHz, MCS10, 99pc duty cycle)    | WLAN          | 8.36     | ±9.6                     |
| 11023 | AAB | IEEE 802.11be (320 MHz, MCS11, 99pc duty cycle)    | WLAN          | 8.09     | ±9.6                     |
| 11024 | AAB | IEEE 802.11be (320 MHz, MCS12, 99pc duty cycle)    | WLAN          | 8.42     | ±9.6                     |
| 11025 | AAB | IEEE 802.11be (320 MHz, MCS13, 99pc duty cycle)    | WLAN          | 8.37     | ±9.6                     |
| 11026 | AAB | IEEE 802.11be (320 MHz, MCS0, 99pc duty cycle)     | WLAN          | 8.39     | ±9.6                     |

<sup>E</sup> Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.



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Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: **SCS 0108**

Client

**B.V. ADT**  
Taoyuan City

Certificate No.

**EUmm-9438\_Jul24**

## CALIBRATION CERTIFICATE

Object EUmmWV4 - SN:9438

Calibration procedure(s) QA CAL-02.v9, QA CAL-25.v8, QA CAL-42.v3  
Calibration procedure for E-field probes optimized for close near field  
evaluations in air

Calibration date July 19, 2024

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).  
The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature  $(22 \pm 3)^\circ\text{C}$  and humidity  $< 70\%$ .

Calibration Equipment used (M&TE critical for calibration)

| Primary Standards       | ID         | Cal Date (Certificate No.)        | Scheduled Calibration |
|-------------------------|------------|-----------------------------------|-----------------------|
| Power sensor NRP33T     | SN: 100967 | 28-Mar-24 (No. 217-04038)         | Mar-25                |
| Power sensor NRP110T    | SN: 101244 | 04-Apr-24 (No. 0001A300740056)    | Apr-25                |
| Spectrum analyzer FSV40 | SN: 101832 | 25-Jan-24 (No. 4030-315007551)    | Jan-25                |
| Harmonic mixer FS-Z75   | SN: 101566 | 11-Apr-24 (No. 0001A300750054)    | Apr-25                |
| Marmonic mixer FS-Z110  | SN: 101633 | 05-Apr-24 (No. 0001A300740055)    | Apr-25                |
| Ref. Probe EUmmWV3      | SN: 9374   | 04-Dec-23 (No. EUmm-9374_Dec23)   | Dec-24                |
| DAE4ip                  | SN: 1662   | 08-Nov-23 (No. DAE4ip-1662_Nov23) | Nov-24                |

| Secondary Standards  | ID         | Check Date (in house)             | Scheduled Check        |
|----------------------|------------|-----------------------------------|------------------------|
| Generator APSIN26G   | SN: 2023   | 30-Nov-21 (in house check Jun-24) | In house check: Jun-25 |
| Power sensor NRP40T  | SN: 101439 | 08-Nov-21 (in house check Jun-24) | In house check: Jun-25 |
| Power sensor NRP110T | SN: 101226 | 15-Nov-21 (in house check Jun-24) | In house check: Jun-25 |

|                                                                                                                 | Name           | Function              | Signature |
|-----------------------------------------------------------------------------------------------------------------|----------------|-----------------------|-----------|
| Calibrated by                                                                                                   | Joanna Lleshaj | Laboratory Technician |           |
| Approved by                                                                                                     | Sven Kühn      | Technical Manager     |           |
| Issued: July 19, 2024                                                                                           |                |                       |           |
| This calibration certificate shall not be reproduced except in full without written approval of the laboratory. |                |                       |           |



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 Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: **SCS 0108**

## Glossary

|                          |                                                                                                                                                      |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| NORM <sub>x,y</sub>      | sensitivity in free space                                                                                                                            |
| DCP                      | diode compression point                                                                                                                              |
| CF                       | crest factor (1/duty_cycle) of the RF signal                                                                                                         |
| A, B, C, D               | modulation dependent linearization parameters                                                                                                        |
| Polarization $\varphi$   | $\varphi$ rotation around probe axis                                                                                                                 |
| Polarization $\vartheta$ | $\vartheta$ rotation around an axis that is in the plane normal to probe axis (at measurement center), i.e., $\vartheta = 0$ is normal to probe axis |
| Connector Angle          | information used in DASY system to align probe sensor X to the robot coordinate system                                                               |
| Sensor Angles            | sensor deviation from the probe axis, used to calculate the field orientation and polarization                                                       |
| $\vec{k}$                | is the wave propagation direction                                                                                                                    |

## Calibration is Performed According to the Following Standards:

- IEEE Std 1309-2005, "IEEE Standard for calibration of electromagnetic field sensors and probes, excluding antennas, from 9 kHz to 40 GHz", December 2005

## Methods Applied and Interpretation of Parameters:

- NORM<sub>x,y</sub>**: Assessed for E-field polarization  $\vartheta = 0$  ( $f \leq 900$  MHz in TEM-cell;  $f > 1800$  MHz: R22 waveguide). For frequencies  $> 6$  GHz, the far field in front of waveguide horn antennas is measured for a set of frequencies in various waveguide bands up to 110 GHz.
- DCP<sub>x,y</sub>**: DCP are numerical linearization parameters assessed based on the data of power sweep with CW signal. DCP does not depend on frequency nor media.  
 Note: As the field is measured with a diode detector sensor, it is warranted that the probe response is linear ( $E^2$ ) below the documented lowest calibrated value.
- PAR**: PAR is the Peak to Average Ratio that is not calibrated but determined based on the signal characteristics
- The frequency sensor model parameters are determined prior to calibration based on a frequency sweep (sensor model involving resistors R, R<sub>p</sub>, inductance L and capacitors C, C<sub>p</sub>).
- A<sub>x,y</sub>; B<sub>x,y</sub>; C<sub>x,y</sub>; D<sub>x,y</sub>; VR<sub>x,y</sub>**: A, B, C, D are numerical linearization parameters assessed based on the data of power sweep for specific modulation signal. The parameters do not depend on frequency nor media. VR is the maximum calibration range expressed in RMS voltage across the diode.
- Sensor Offset**: The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis). No tolerance required.
- Connector Angle**: The angle is assessed using the information gained by determining the NORM<sub>x</sub> (no uncertainty required).
- Equivalent Sensor Angle**: The two probe sensors are mounted in the same plane at different angles. The angles are assessed using the information gained by determining the NORM<sub>x</sub> (no uncertainty required).
- Spherical isotropy (3D deviation from isotropy)**: in a locally homogeneous field realized using an open waveguide / horn setup.

## Parameters of Probe: EUmmWV4 - SN:9438

### Basic Calibration Parameters

|                                              | Sensor X | Sensor Y | Unc ( $k = 2$ ) |
|----------------------------------------------|----------|----------|-----------------|
| Norm ( $\mu\text{V}/(\text{V}/\text{m})^2$ ) | 0.01988  | 0.02034  | $\pm 10.1\%$    |
| DCP (mV) <sup>B</sup>                        | 107.0    | 105.0    | $\pm 4.7\%$     |
| Equivalent Sensor Angle                      | -61.8    | 34.7     |                 |

### Calibration Results for Frequency Response (750 MHz – 110 GHz)

| Frequency GHz | Target E-Field V/m | Deviation Sensor X dB | Deviation Sensor Y dB | Unc ( $k = 2$ ) dB |
|---------------|--------------------|-----------------------|-----------------------|--------------------|
| 0.75          | 77.2               | -0.29                 | -0.28                 | $\pm 0.43$         |
| 1.8           | 140.4              | -0.02                 | -0.03                 | $\pm 0.43$         |
| 2.0           | 133.0              | 0.12                  | 0.15                  | $\pm 0.43$         |
| 2.2           | 124.8              | -0.06                 | -0.05                 | $\pm 0.43$         |
| 2.5           | 123.0              | 0.08                  | 0.12                  | $\pm 0.43$         |
| 3.5           | 256.2              | -0.14                 | -0.21                 | $\pm 0.43$         |
| 3.7           | 249.8              | -0.00                 | -0.10                 | $\pm 0.43$         |
|               |                    |                       |                       |                    |
| 6.6           | 74.7               | -0.09                 | -0.47                 | $\pm 0.98$         |
| 8.0           | 67.2               | -0.06                 | -0.18                 | $\pm 0.98$         |
| 10.0          | 66.2               | -0.01                 | 0.06                  | $\pm 0.98$         |
| 15.0          | 51.2               | 0.16                  | 0.19                  | $\pm 0.98$         |
|               |                    |                       |                       |                    |
| 26.6          | 112.6              | 0.18                  | 0.19                  | $\pm 0.98$         |
| 30.0          | 121.9              | 0.01                  | -0.00                 | $\pm 0.98$         |
| 35.0          | 121.3              | -0.14                 | -0.16                 | $\pm 0.98$         |
| 40.0          | 102.3              | -0.23                 | -0.24                 | $\pm 0.98$         |
|               |                    |                       |                       |                    |
| 50.0          | 61.5               | 0.07                  | -0.03                 | $\pm 0.98$         |
| 55.0          | 75.9               | -0.05                 | -0.06                 | $\pm 0.98$         |
| 60.0          | 80.5               | 0.01                  | 0.03                  | $\pm 0.98$         |
| 65.0          | 77.1               | 0.20                  | 0.18                  | $\pm 0.98$         |
| 70.0          | 74.3               | 0.16                  | 0.10                  | $\pm 0.98$         |
| 75.0          | 74.8               | -0.05                 | -0.09                 | $\pm 0.98$         |
|               |                    |                       |                       |                    |
| 75.0          | 96.6               | -0.06                 | -0.08                 | $\pm 0.98$         |
| 80.0          | 95.4               | -0.18                 | -0.15                 | $\pm 0.98$         |
| 85.0          | 58.0               | -0.07                 | -0.08                 | $\pm 0.98$         |
| 90.0          | 84.0               | 0.02                  | 0.02                  | $\pm 0.98$         |
| 92.0          | 83.9               | 0.03                  | 0.03                  | $\pm 0.98$         |
| 95.0          | 76.2               | -0.02                 | -0.03                 | $\pm 0.98$         |
| 97.0          | 69.1               | 0.01                  | -0.02                 | $\pm 0.98$         |
| 100.0         | 66.9               | 0.09                  | 0.09                  | $\pm 0.98$         |
| 105.0         | 67.2               | -0.28                 | -0.22                 | $\pm 0.98$         |
| 110.0         | 78.1               | 0.17                  | 0.10                  | $\pm 0.98$         |

The reported uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor  $k=2$ , which for a normal distribution corresponds to a coverage probability of approximately 95%.

<sup>B</sup> Linearization parameter uncertainty for maximum specified field strength.

## Parameters of Probe: EUmmWV4 - SN:9438

### Calibration Results for Modulation Response

| UID   | Communication System Name   |   | A<br>dB | B<br>dB $\sqrt{\mu V}$ | C     | D<br>dB | VR<br>mV | Max<br>dev. | Max<br>Unc <sup>E</sup><br>k = 2 |
|-------|-----------------------------|---|---------|------------------------|-------|---------|----------|-------------|----------------------------------|
| 0     | CW                          | X | 0.00    | 0.00                   | 1.00  | 0.00    | 133.2    | ±2.7%       | ±4.7%                            |
|       |                             | Y | 0.00    | 0.00                   | 1.00  |         | 61.3     |             |                                  |
| 10352 | Pulse Waveform (200Hz, 10%) | X | 2.98    | 60.00                  | 14.72 | 10.00   | 6.0      | ±1.1%       | ±9.6%                            |
|       |                             | Y | 2.77    | 60.00                  | 15.32 |         | 6.0      |             |                                  |
| 10353 | Pulse Waveform (200Hz, 20%) | X | 2.21    | 60.67                  | 13.80 | 6.99    | 12.0     | ±1.4%       | ±9.6%                            |
|       |                             | Y | 1.87    | 60.00                  | 14.35 |         | 12.0     |             |                                  |
| 10354 | Pulse Waveform (200Hz, 40%) | X | 1.45    | 61.79                  | 13.03 | 3.98    | 23.0     | ±1.6%       | ±9.6%                            |
|       |                             | Y | 1.12    | 60.00                  | 13.22 |         | 23.0     |             |                                  |
| 10355 | Pulse Waveform (200Hz, 60%) | X | 0.72    | 60.00                  | 11.69 | 2.22    | 27.0     | ±1.3%       | ±9.6%                            |
|       |                             | Y | 0.76    | 60.00                  | 12.23 |         | 27.0     |             |                                  |
| 10387 | QPSK Waveform, 1 MHz        | X | 1.18    | 60.00                  | 12.45 | 1.00    | 22.0     | ±1.4%       | ±9.6%                            |
|       |                             | Y | 1.27    | 60.00                  | 12.16 |         | 22.0     |             |                                  |
| 10388 | QPSK Waveform, 10 MHz       | X | 1.23    | 60.00                  | 12.24 | 0.00    | 22.0     | ±0.8%       | ±9.6%                            |
|       |                             | Y | 1.42    | 60.00                  | 11.94 |         | 22.0     |             |                                  |
| 10396 | 64-QAM Waveform, 100 kHz    | X | 3.93    | 67.88                  | 17.04 | 3.01    | 17.0     | ±0.6%       | ±9.6%                            |
|       |                             | Y | 4.05    | 66.99                  | 16.51 |         | 17.0     |             |                                  |
| 10399 | 64-QAM Waveform, 40 MHz     | X | 2.04    | 60.00                  | 12.62 | 0.00    | 19.0     | ±1.0%       | ±9.6%                            |
|       |                             | Y | 2.15    | 60.00                  | 12.52 |         | 19.0     |             |                                  |
| 10414 | WLAN CCDF, 64-QAM, 40 MHz   | X | 3.45    | 60.91                  | 13.37 | 0.00    | 12.0     | ±1.0%       | ±9.6%                            |
|       |                             | Y | 3.20    | 60.00                  | 12.98 |         | 12.0     |             |                                  |

Note: For details on UID parameters see Appendix

<sup>E</sup> Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.

## Parameters of Probe: EUmmWV4 - SN:9438

### Calibration Results for Linearity Response

| Frequency<br>GHz | Target E-Field<br>V/m | Deviation Sensor X<br>dB | Deviation Sensor Y<br>dB | Unc ( $k = 2$ )<br>dB |
|------------------|-----------------------|--------------------------|--------------------------|-----------------------|
| 0.9              | 50.0                  | -0.04                    | 0.12                     | $\pm 0.2$             |
| 0.9              | 100.0                 | -0.04                    | 0.11                     | $\pm 0.2$             |
| 0.9              | 500.0                 | -0.00                    | -0.01                    | $\pm 0.2$             |
| 0.9              | 1000.0                | 0.02                     | 0.01                     | $\pm 0.2$             |
| 0.9              | 1500.0                | 0.01                     | 0.01                     | $\pm 0.2$             |
| 0.9              | 2100.0                | -0.01                    | -0.01                    | $\pm 0.2$             |

### Sensor Frequency Model Parameters (750 MHz – 55 GHz)

|                             | Sensor X | Sensor Y |
|-----------------------------|----------|----------|
| R ( $\Omega$ )              | 61.63    | 54.92    |
| R <sub>p</sub> ( $\Omega$ ) | 85.63    | 74.47    |
| L (nH)                      | 0.06122  | 0.05106  |
| C (pF)                      | 0.2615   | 0.3793   |
| C <sub>p</sub> (pF)         | 0.0930   | 0.1117   |

### Sensor Frequency Model Parameters (55 GHz – 110 GHz)

|                             | Sensor X | Sensor Y |
|-----------------------------|----------|----------|
| R ( $\Omega$ )              | 26.95    | 24.14    |
| R <sub>p</sub> ( $\Omega$ ) | 115.57   | 96.60    |
| L (nH)                      | 0.05930  | 0.04898  |
| C (pF)                      | 0.0797   | 0.1030   |
| C <sub>p</sub> (pF)         | 0.0932   | 0.1077   |

### Sensor Model Parameters

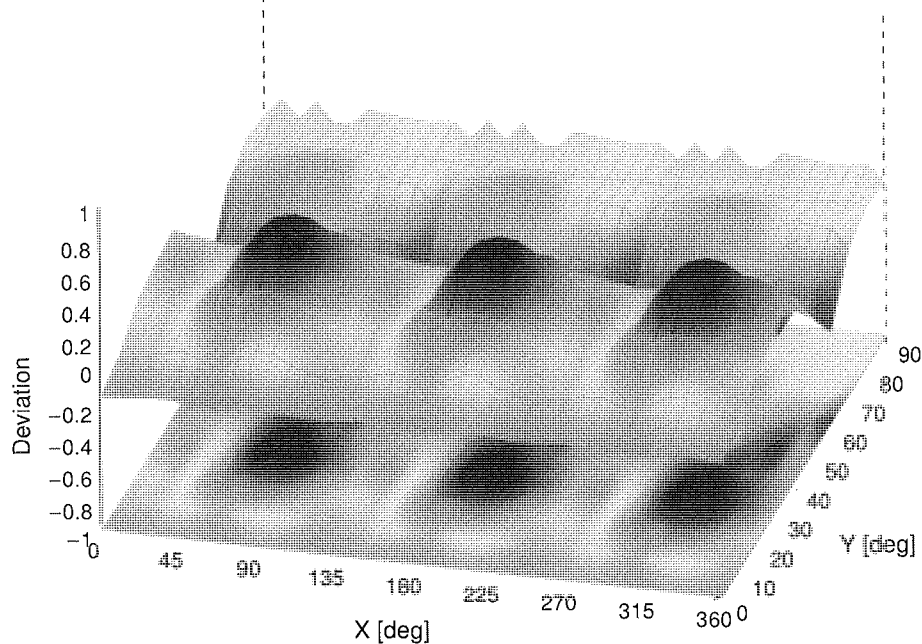
|   | C1<br>fF | C2<br>fF | $\alpha$<br>$V^{-1}$ | T1<br>$ms V^{-2}$ | T2<br>$ms V^{-1}$ | T3<br>ms | T4<br>$V^{-2}$ | T5<br>$V^{-1}$ | T6   |
|---|----------|----------|----------------------|-------------------|-------------------|----------|----------------|----------------|------|
| x | 56.4     | 408.25   | 33.61                | 2.66              | 7.90              | 4.98     | 0.00           | 1.77           | 1.01 |
| y | 49.2     | 352.24   | 32.96                | 0.92              | 7.43              | 5.01     | 2.00           | 2.00           | 1.01 |

### Other Probe Parameters

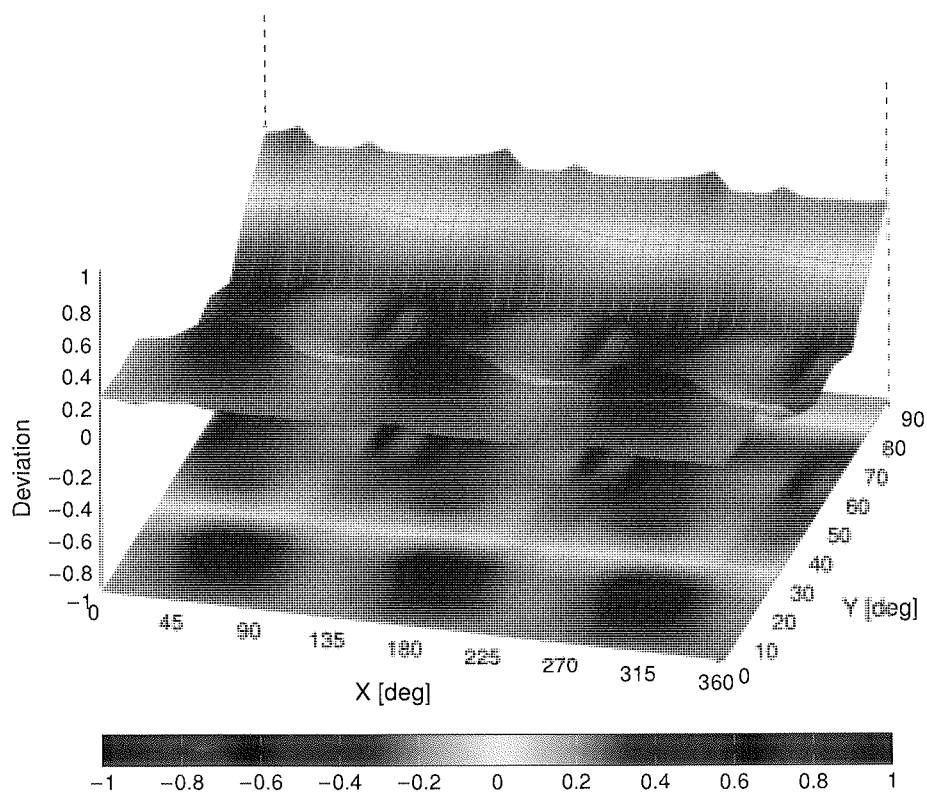
|                                         |             |
|-----------------------------------------|-------------|
| Sensor Arrangement                      | Rectangular |
| Connector Angle                         | -136.3°     |
| Mechanical Surface Detection Mode       | enabled     |
| Optical Surface Detection Mode          | disabled    |
| Probe Overall Length                    | 320 mm      |
| Probe Body Diameter                     | 8 mm        |
| Tip Length                              | 23 mm       |
| Tip Diameter                            | 8.0 mm      |
| Probe Tip to Sensor X Calibration Point | 1.5 mm      |
| Probe Tip to Sensor Y Calibration Point | 1.5 mm      |

## Deviation from Isotropy in Air

30GHz: 3D isotropy, E-field parallel to probe axis



60GHz: 3D isotropy, E-field parallel to probe axis



Probe isotropy for  $E_{\text{tot}}$ : probe rotated  $\phi = 0^\circ$  to  $360^\circ$ , tilted from field propagation direction  $\vec{k}$

Parallel to the field propagation ( $\psi = 0^\circ - 90^\circ$ ) at 30 GHz: deviation within  $\pm 0.43$  dB

Parallel to the field propagation ( $\psi = 0^\circ - 90^\circ$ ) at 60 GHz: deviation within  $\pm 0.41$  dB

## Appendix: Modulation Calibration Parameters

| UID   | Rev | Communication System Name                           | Group     | PAR (dB) | Unc <sup>E</sup> $k = 2$ |
|-------|-----|-----------------------------------------------------|-----------|----------|--------------------------|
| 0     |     | CW                                                  | CW        | 0.00     | ±4.7                     |
| 10010 | CAB | SAR Validation (Square, 100 ms, 10 ms)              | Test      | 10.00    | ±9.6                     |
| 10011 | CAC | UMTS-FDD (WCDMA)                                    | WCDMA     | 2.91     | ±9.6                     |
| 10012 | CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps)            | WLAN      | 1.87     | ±9.6                     |
| 10013 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps)       | WLAN      | 9.46     | ±9.6                     |
| 10021 | DAC | GSM-FDD (TDMA, GMSK)                                | GSM       | 9.39     | ±9.6                     |
| 10023 | DAC | GPRS-FDD (TDMA, GMSK, TN 0)                         | GSM       | 9.57     | ±9.6                     |
| 10024 | DAC | GPRS-FDD (TDMA, GMSK, TN 0-1)                       | GSM       | 6.56     | ±9.6                     |
| 10025 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0)                         | GSM       | 12.62    | ±9.6                     |
| 10026 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0-1)                       | GSM       | 9.55     | ±9.6                     |
| 10027 | DAC | GPRS-FDD (TDMA, GMSK, TN 0-1-2)                     | GSM       | 4.80     | ±9.6                     |
| 10028 | DAC | GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)                   | GSM       | 3.55     | ±9.6                     |
| 10029 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0-1-2)                     | GSM       | 7.78     | ±9.6                     |
| 10030 | CAA | IEEE 802.15.1 Bluetooth (GFSK, DH1)                 | Bluetooth | 5.30     | ±9.6                     |
| 10031 | CAA | IEEE 802.15.1 Bluetooth (GFSK, DH3)                 | Bluetooth | 1.87     | ±9.6                     |
| 10032 | CAA | IEEE 802.15.1 Bluetooth (GFSK, DH5)                 | Bluetooth | 1.16     | ±9.6                     |
| 10033 | CAA | IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)           | Bluetooth | 7.74     | ±9.6                     |
| 10034 | CAA | IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)           | Bluetooth | 4.53     | ±9.6                     |
| 10035 | CAA | IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5)           | Bluetooth | 3.83     | ±9.6                     |
| 10036 | CAA | IEEE 802.15.1 Bluetooth (8-DPSK, DH1)               | Bluetooth | 8.01     | ±9.6                     |
| 10037 | CAA | IEEE 802.15.1 Bluetooth (8-DPSK, DH3)               | Bluetooth | 4.77     | ±9.6                     |
| 10038 | CAA | IEEE 802.15.1 Bluetooth (8-DPSK, DH5)               | Bluetooth | 4.10     | ±9.6                     |
| 10039 | CAB | CDMA2000 (1xRTT, RC1)                               | CDMA2000  | 4.57     | ±9.6                     |
| 10042 | CAB | IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate) | AMPS      | 7.78     | ±9.6                     |
| 10044 | CAA | IS-91/EIA/TIA-553 FDD (FDMA, FM)                    | AMPS      | 0.00     | ±9.6                     |
| 10048 | CAA | DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)           | DECT      | 13.80    | ±9.6                     |
| 10049 | CAA | DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)         | DECT      | 10.79    | ±9.6                     |
| 10056 | CAA | UMTS-TDD (TD-SCDMA, 1.28 Mcps)                      | TD-SCDMA  | 11.01    | ±9.6                     |
| 10058 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)                   | GSM       | 6.52     | ±9.6                     |
| 10059 | CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)            | WLAN      | 2.12     | ±9.6                     |
| 10060 | CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps)          | WLAN      | 2.83     | ±9.6                     |
| 10061 | CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps)           | WLAN      | 3.60     | ±9.6                     |
| 10062 | CAE | IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)            | WLAN      | 8.68     | ±9.6                     |
| 10063 | CAE | IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)            | WLAN      | 8.63     | ±9.6                     |
| 10064 | CAE | IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)           | WLAN      | 9.09     | ±9.6                     |
| 10065 | CAE | IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)           | WLAN      | 9.00     | ±9.6                     |
| 10066 | CAE | IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps)           | WLAN      | 9.38     | ±9.6                     |
| 10067 | CAE | IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps)           | WLAN      | 10.12    | ±9.6                     |
| 10068 | CAE | IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps)           | WLAN      | 10.24    | ±9.6                     |
| 10069 | CAE | IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps)           | WLAN      | 10.56    | ±9.6                     |
| 10071 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)       | WLAN      | 9.83     | ±9.6                     |
| 10072 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps)      | WLAN      | 9.62     | ±9.6                     |
| 10073 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps)      | WLAN      | 9.94     | ±9.6                     |
| 10074 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps)      | WLAN      | 10.30    | ±9.6                     |
| 10075 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 36 Mbps)      | WLAN      | 10.77    | ±9.6                     |
| 10076 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps)      | WLAN      | 10.94    | ±9.6                     |
| 10077 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps)      | WLAN      | 11.00    | ±9.6                     |
| 10081 | CAB | CDMA2000 (1xRTT, RC3)                               | CDMA2000  | 3.97     | ±9.6                     |
| 10082 | CAB | IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate) | AMPS      | 4.77     | ±9.6                     |
| 10090 | DAC | GPRS-FDD (TDMA, GMSK, TN 0-4)                       | GSM       | 6.56     | ±9.6                     |
| 10097 | CAC | UMTS-FDD (HSDPA)                                    | WCDMA     | 3.98     | ±9.6                     |
| 10098 | CAC | UMTS-FDD (HSUPA, Subtest 2)                         | WCDMA     | 3.98     | ±9.6                     |
| 10099 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0-4)                       | GSM       | 9.55     | ±9.6                     |
| 10100 | CAF | LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)            | LTE-FDD   | 5.67     | ±9.6                     |
| 10101 | CAF | LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)          | LTE-FDD   | 6.42     | ±9.6                     |
| 10102 | CAF | LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)          | LTE-FDD   | 6.60     | ±9.6                     |
| 10103 | CAH | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)            | LTE-TDD   | 9.29     | ±9.6                     |
| 10104 | CAH | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)          | LTE-TDD   | 9.97     | ±9.6                     |
| 10105 | CAH | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)          | LTE-TDD   | 10.01    | ±9.6                     |
| 10108 | CAH | LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)            | LTE-FDD   | 5.80     | ±9.6                     |
| 10109 | CAH | LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)          | LTE-FDD   | 6.43     | ±9.6                     |
| 10110 | CAH | LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)             | LTE-FDD   | 5.75     | ±9.6                     |
| 10111 | CAH | LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)           | LTE-FDD   | 6.44     | ±9.6                     |

| UID   | Rev | Communication System Name                      | Group   | PAR (dB) | Unc <sup>E</sup> $k = 2$ |
|-------|-----|------------------------------------------------|---------|----------|--------------------------|
| 10112 | CAH | LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)     | LTE-FDD | 6.59     | ±9.6                     |
| 10113 | CAH | LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)      | LTE-FDD | 6.62     | ±9.6                     |
| 10114 | CAE | IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)  | WLAN    | 8.10     | ±9.6                     |
| 10115 | CAE | IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)  | WLAN    | 8.46     | ±9.6                     |
| 10116 | CAE | IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM) | WLAN    | 8.15     | ±9.6                     |
| 10117 | CAE | IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)       | WLAN    | 8.07     | ±9.6                     |
| 10118 | CAE | IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)       | WLAN    | 8.59     | ±9.6                     |
| 10119 | CAE | IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)      | WLAN    | 8.13     | ±9.6                     |
| 10140 | CAF | LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)     | LTE-FDD | 6.49     | ±9.6                     |
| 10141 | CAF | LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)     | LTE-FDD | 6.53     | ±9.6                     |
| 10142 | CAF | LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)        | LTE-FDD | 5.73     | ±9.6                     |
| 10143 | CAF | LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)      | LTE-FDD | 6.35     | ±9.6                     |
| 10144 | CAF | LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)      | LTE-FDD | 6.65     | ±9.6                     |
| 10145 | CAG | LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)      | LTE-FDD | 5.76     | ±9.6                     |
| 10146 | CAG | LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)    | LTE-FDD | 6.41     | ±9.6                     |
| 10147 | CAG | LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)    | LTE-FDD | 6.72     | ±9.6                     |
| 10149 | CAF | LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)      | LTE-FDD | 6.42     | ±9.6                     |
| 10150 | CAF | LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)      | LTE-FDD | 6.60     | ±9.6                     |
| 10151 | CAH | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)        | LTE-TDD | 9.28     | ±9.6                     |
| 10152 | CAH | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)      | LTE-TDD | 9.92     | ±9.6                     |
| 10153 | CAH | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)      | LTE-TDD | 10.05    | ±9.6                     |
| 10154 | CAH | LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)        | LTE-FDD | 5.75     | ±9.6                     |
| 10155 | CAH | LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)      | LTE-FDD | 6.43     | ±9.6                     |
| 10156 | CAH | LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)         | LTE-FDD | 5.79     | ±9.6                     |
| 10157 | CAH | LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)       | LTE-FDD | 6.49     | ±9.6                     |
| 10158 | CAH | LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)      | LTE-FDD | 6.62     | ±9.6                     |
| 10159 | CAH | LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)       | LTE-FDD | 6.56     | ±9.6                     |
| 10160 | CAF | LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)        | LTE-FDD | 5.82     | ±9.6                     |
| 10161 | CAF | LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)      | LTE-FDD | 6.43     | ±9.6                     |
| 10162 | CAF | LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)      | LTE-FDD | 6.58     | ±9.6                     |
| 10166 | CAG | LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)       | LTE-FDD | 5.46     | ±9.6                     |
| 10167 | CAG | LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)     | LTE-FDD | 6.21     | ±9.6                     |
| 10168 | CAG | LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)     | LTE-FDD | 6.79     | ±9.6                     |
| 10169 | CAF | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)          | LTE-FDD | 5.73     | ±9.6                     |
| 10170 | CAF | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)        | LTE-FDD | 6.52     | ±9.6                     |
| 10171 | AAF | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)        | LTE-FDD | 6.49     | ±9.6                     |
| 10172 | CAH | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)          | LTE-TDD | 9.21     | ±9.6                     |
| 10173 | CAH | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)        | LTE-TDD | 9.48     | ±9.6                     |
| 10174 | CAH | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)        | LTE-TDD | 10.25    | ±9.6                     |
| 10175 | CAH | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)          | LTE-FDD | 5.72     | ±9.6                     |
| 10176 | CAH | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)        | LTE-FDD | 6.52     | ±9.6                     |
| 10177 | CAJ | LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)           | LTE-FDD | 5.73     | ±9.6                     |
| 10178 | CAH | LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)         | LTE-FDD | 6.52     | ±9.6                     |
| 10179 | CAH | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)        | LTE-FDD | 6.50     | ±9.6                     |
| 10180 | CAH | LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)         | LTE-FDD | 6.50     | ±9.6                     |
| 10181 | CAF | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)          | LTE-FDD | 5.72     | ±9.6                     |
| 10182 | CAF | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)        | LTE-FDD | 6.52     | ±9.6                     |
| 10183 | AAE | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)        | LTE-FDD | 6.50     | ±9.6                     |
| 10184 | CAF | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)           | LTE-FDD | 5.73     | ±9.6                     |
| 10185 | CAF | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)         | LTE-FDD | 6.51     | ±9.6                     |
| 10186 | AAF | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)         | LTE-FDD | 6.50     | ±9.6                     |
| 10187 | CAG | LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)         | LTE-FDD | 5.73     | ±9.6                     |
| 10188 | CAG | LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)       | LTE-FDD | 6.52     | ±9.6                     |
| 10189 | AAG | LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)       | LTE-FDD | 6.50     | ±9.6                     |
| 10193 | CAE | IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)   | WLAN    | 8.09     | ±9.6                     |
| 10194 | CAE | IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)  | WLAN    | 8.12     | ±9.6                     |
| 10195 | CAE | IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)  | WLAN    | 8.21     | ±9.6                     |
| 10196 | CAE | IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)        | WLAN    | 8.10     | ±9.6                     |
| 10197 | CAE | IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)       | WLAN    | 8.13     | ±9.6                     |
| 10198 | CAE | IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)       | WLAN    | 8.27     | ±9.6                     |
| 10219 | CAE | IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)        | WLAN    | 8.03     | ±9.6                     |
| 10220 | CAE | IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)     | WLAN    | 8.13     | ±9.6                     |
| 10221 | CAE | IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)     | WLAN    | 8.27     | ±9.6                     |
| 10222 | CAE | IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)         | WLAN    | 8.06     | ±9.6                     |
| 10223 | CAE | IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)       | WLAN    | 8.48     | ±9.6                     |
| 10224 | CAE | IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)      | WLAN    | 8.08     | ±9.6                     |

| UID   | Rev | Communication System Name                                            | Group    | PAR (dB) | Unc <sup>E</sup> $k = 2$ |
|-------|-----|----------------------------------------------------------------------|----------|----------|--------------------------|
| 10225 | CAC | UMTS-FDD (HSPA+)                                                     | WCDMA    | 5.97     | ±9.6                     |
| 10226 | CAC | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)                             | LTE-TDD  | 9.49     | ±9.6                     |
| 10227 | CAC | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)                             | LTE-TDD  | 10.26    | ±9.6                     |
| 10228 | CAC | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)                               | LTE-TDD  | 9.22     | ±9.6                     |
| 10229 | CAE | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)                               | LTE-TDD  | 9.48     | ±9.6                     |
| 10230 | CAE | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)                               | LTE-TDD  | 10.25    | ±9.6                     |
| 10231 | CAE | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)                                 | LTE-TDD  | 9.19     | ±9.6                     |
| 10232 | CAH | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)                               | LTE-TDD  | 9.48     | ±9.6                     |
| 10233 | CAH | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)                               | LTE-TDD  | 10.25    | ±9.6                     |
| 10234 | CAH | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)                                 | LTE-TDD  | 9.21     | ±9.6                     |
| 10235 | CAH | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)                              | LTE-TDD  | 9.48     | ±9.6                     |
| 10236 | CAH | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)                              | LTE-TDD  | 10.25    | ±9.6                     |
| 10237 | CAH | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)                                | LTE-TDD  | 9.21     | ±9.6                     |
| 10238 | CAG | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)                              | LTE-TDD  | 9.48     | ±9.6                     |
| 10239 | CAG | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)                              | LTE-TDD  | 10.25    | ±9.6                     |
| 10240 | CAG | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)                                | LTE-TDD  | 9.21     | ±9.6                     |
| 10241 | CAC | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)                           | LTE-TDD  | 9.82     | ±9.6                     |
| 10242 | CAC | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)                           | LTE-TDD  | 9.86     | ±9.6                     |
| 10243 | CAC | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)                             | LTE-TDD  | 9.46     | ±9.6                     |
| 10244 | CAE | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)                             | LTE-TDD  | 10.06    | ±9.6                     |
| 10245 | CAE | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)                             | LTE-TDD  | 10.06    | ±9.6                     |
| 10246 | CAE | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)                               | LTE-TDD  | 9.30     | ±9.6                     |
| 10247 | CAH | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)                             | LTE-TDD  | 9.91     | ±9.6                     |
| 10248 | CAH | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)                             | LTE-TDD  | 10.09    | ±9.6                     |
| 10249 | CAH | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)                               | LTE-TDD  | 9.29     | ±9.6                     |
| 10250 | CAH | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)                            | LTE-TDD  | 9.81     | ±9.6                     |
| 10251 | CAH | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)                            | LTE-TDD  | 10.17    | ±9.6                     |
| 10252 | CAH | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)                              | LTE-TDD  | 9.24     | ±9.6                     |
| 10253 | CAG | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)                            | LTE-TDD  | 9.90     | ±9.6                     |
| 10254 | CAG | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)                            | LTE-TDD  | 10.14    | ±9.6                     |
| 10255 | CAG | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)                              | LTE-TDD  | 9.20     | ±9.6                     |
| 10256 | CAC | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)                          | LTE-TDD  | 9.96     | ±9.6                     |
| 10257 | CAC | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)                          | LTE-TDD  | 10.08    | ±9.6                     |
| 10258 | CAC | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)                            | LTE-TDD  | 9.34     | ±9.6                     |
| 10259 | CAE | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)                            | LTE-TDD  | 9.98     | ±9.6                     |
| 10260 | CAE | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)                            | LTE-TDD  | 9.97     | ±9.6                     |
| 10261 | CAE | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)                              | LTE-TDD  | 9.24     | ±9.6                     |
| 10262 | CAH | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)                            | LTE-TDD  | 9.83     | ±9.6                     |
| 10263 | CAH | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)                            | LTE-TDD  | 10.16    | ±9.6                     |
| 10264 | CAH | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)                              | LTE-TDD  | 9.23     | ±9.6                     |
| 10265 | CAH | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)                           | LTE-TDD  | 9.92     | ±9.6                     |
| 10266 | CAH | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)                           | LTE-TDD  | 10.07    | ±9.6                     |
| 10267 | CAH | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)                             | LTE-TDD  | 9.30     | ±9.6                     |
| 10268 | CAG | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)                           | LTE-TDD  | 10.06    | ±9.6                     |
| 10269 | CAG | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)                           | LTE-TDD  | 10.13    | ±9.6                     |
| 10270 | CAG | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)                             | LTE-TDD  | 9.58     | ±9.6                     |
| 10274 | CAC | UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)                            | WCDMA    | 4.87     | ±9.6                     |
| 10275 | CAC | UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)                             | WCDMA    | 3.96     | ±9.6                     |
| 10277 | CAA | PHS (QPSK)                                                           | PHS      | 11.81    | ±9.6                     |
| 10278 | CAA | PHS (QPSK, BW 884 MHz, Rolloff 0.5)                                  | PHS      | 11.81    | ±9.6                     |
| 10279 | CAA | PHS (QPSK, BW 884 MHz, Rolloff 0.38)                                 | PHS      | 12.18    | ±9.6                     |
| 10290 | AAB | CDMA2000, RC1, SO55, Full Rate                                       | CDMA2000 | 3.91     | ±9.6                     |
| 10291 | AAB | CDMA2000, RC3, SO55, Full Rate                                       | CDMA2000 | 3.46     | ±9.6                     |
| 10292 | AAB | CDMA2000, RC3, SO32, Full Rate                                       | CDMA2000 | 3.39     | ±9.6                     |
| 10293 | AAB | CDMA2000, RC3, SO3, Full Rate                                        | CDMA2000 | 3.50     | ±9.6                     |
| 10295 | AAB | CDMA2000, RC1, SO3, 1/8th Rate 25 fr.                                | CDMA2000 | 12.49    | ±9.6                     |
| 10297 | AAE | LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)                              | LTE-FDD  | 5.81     | ±9.6                     |
| 10298 | AAE | LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)                               | LTE-FDD  | 5.72     | ±9.6                     |
| 10299 | AAE | LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)                             | LTE-FDD  | 6.39     | ±9.6                     |
| 10300 | AAE | LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)                             | LTE-FDD  | 6.60     | ±9.6                     |
| 10301 | AAA | IEEE 802.16e WiMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC)                 | WiMAX    | 12.03    | ±9.6                     |
| 10302 | AAA | IEEE 802.16e WiMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC, 3 CTRL symbols) | WiMAX    | 12.57    | ±9.6                     |
| 10303 | AAA | IEEE 802.16e WiMAX (31:15, 5 ms, 10 MHz, 64QAM, PUSC)                | WiMAX    | 12.52    | ±9.6                     |
| 10304 | AAA | IEEE 802.16e WiMAX (29:18, 5 ms, 10 MHz, 64QAM, PUSC)                | WiMAX    | 11.86    | ±9.6                     |
| 10305 | AAA | IEEE 802.16e WiMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols)   | WiMAX    | 15.24    | ±9.6                     |
| 10306 | AAA | IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, 64QAM, PUSC, 18 symbols)   | WiMAX    | 14.67    | ±9.6                     |

| UID   | Rev | Communication System Name                                                       | Group    | PAR (dB) | Unc <sup>E</sup> $k = 2$ |
|-------|-----|---------------------------------------------------------------------------------|----------|----------|--------------------------|
| 10307 | AAA | IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, QPSK, PUSC, 18 symbols)               | WiMAX    | 14.49    | ±9.6                     |
| 10308 | AAA | IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, 16QAM, PUSC)                          | WiMAX    | 14.46    | ±9.6                     |
| 10309 | AAA | IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, 16QAM, AMC 2x3, 18 symbols)           | WiMAX    | 14.58    | ±9.6                     |
| 10310 | AAA | IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, QPSK, AMC 2x3, 18 symbols)            | WiMAX    | 14.57    | ±9.6                     |
| 10311 | AAE | LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)                                        | LTE-FDD  | 6.06     | ±9.6                     |
| 10313 | AAA | iDEN 1:3                                                                        | iDEN     | 10.51    | ±9.6                     |
| 10314 | AAA | iDEN 1:6                                                                        | iDEN     | 13.48    | ±9.6                     |
| 10315 | AAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle)                       | WLAN     | 1.71     | ±9.6                     |
| 10316 | AAB | IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle)                   | WLAN     | 8.36     | ±9.6                     |
| 10317 | AAE | IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle)                         | WLAN     | 8.36     | ±9.6                     |
| 10352 | AAA | Pulse Waveform (200Hz, 10%)                                                     | Generic  | 10.00    | ±9.6                     |
| 10353 | AAA | Pulse Waveform (200Hz, 20%)                                                     | Generic  | 6.99     | ±9.6                     |
| 10354 | AAA | Pulse Waveform (200Hz, 40%)                                                     | Generic  | 3.98     | ±9.6                     |
| 10355 | AAA | Pulse Waveform (200Hz, 60%)                                                     | Generic  | 2.22     | ±9.6                     |
| 10356 | AAA | Pulse Waveform (200Hz, 80%)                                                     | Generic  | 0.97     | ±9.6                     |
| 10387 | AAA | QPSK Waveform, 1 MHz                                                            | Generic  | 5.10     | ±9.6                     |
| 10388 | AAA | QPSK Waveform, 10 MHz                                                           | Generic  | 5.22     | ±9.6                     |
| 10396 | AAA | 64-QAM Waveform, 100 kHz                                                        | Generic  | 6.27     | ±9.6                     |
| 10399 | AAA | 64-QAM Waveform, 40 MHz                                                         | Generic  | 6.27     | ±9.6                     |
| 10400 | AAF | IEEE 802.11ac WiFi (20 MHz, 64-QAM, 99pc duty cycle)                            | WLAN     | 8.37     | ±9.6                     |
| 10401 | AAF | IEEE 802.11ac WiFi (40 MHz, 64-QAM, 99pc duty cycle)                            | WLAN     | 8.60     | ±9.6                     |
| 10402 | AAF | IEEE 802.11ac WiFi (80 MHz, 64-QAM, 99pc duty cycle)                            | WLAN     | 8.53     | ±9.6                     |
| 10403 | AAB | CDMA2000 (1xEV-DO, Rev. 0)                                                      | CDMA2000 | 3.76     | ±9.6                     |
| 10404 | AAB | CDMA2000 (1xEV-DO, Rev. A)                                                      | CDMA2000 | 3.77     | ±9.6                     |
| 10406 | AAB | CDMA2000, RC3, SO32, SCH0, Full Rate                                            | CDMA2000 | 5.22     | ±9.6                     |
| 10410 | AAH | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9, Subframe Conf=4) | LTE-TDD  | 7.82     | ±9.6                     |
| 10414 | AAA | WLAN CCDF, 64-QAM, 40 MHz                                                       | Generic  | 8.54     | ±9.6                     |
| 10415 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)                       | WLAN     | 1.54     | ±9.6                     |
| 10416 | AAA | IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle)                   | WLAN     | 8.23     | ±9.6                     |
| 10417 | AAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle)                       | WLAN     | 8.23     | ±9.6                     |
| 10418 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preamble)   | WLAN     | 8.14     | ±9.6                     |
| 10419 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preamble)  | WLAN     | 8.19     | ±9.6                     |
| 10422 | AAD | IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)                                    | WLAN     | 8.32     | ±9.6                     |
| 10423 | AAD | IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)                                 | WLAN     | 8.47     | ±9.6                     |
| 10424 | AAD | IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)                                 | WLAN     | 8.40     | ±9.6                     |
| 10425 | AAD | IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)                                     | WLAN     | 8.41     | ±9.6                     |
| 10426 | AAD | IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)                                   | WLAN     | 8.45     | ±9.6                     |
| 10427 | AAD | IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)                                  | WLAN     | 8.41     | ±9.6                     |
| 10430 | AAE | LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)                                                | LTE-FDD  | 8.28     | ±9.6                     |
| 10431 | AAE | LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)                                               | LTE-FDD  | 8.38     | ±9.6                     |
| 10432 | AAD | LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)                                               | LTE-FDD  | 8.34     | ±9.6                     |
| 10433 | AAD | LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)                                               | LTE-FDD  | 8.34     | ±9.6                     |
| 10434 | AAB | W-CDMA (BS Test Model 1, 64 DPCH)                                               | WCDMA    | 8.60     | ±9.6                     |
| 10435 | AAG | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)                  | LTE-TDD  | 7.82     | ±9.6                     |
| 10447 | AAE | LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)                                  | LTE-FDD  | 7.56     | ±9.6                     |
| 10448 | AAE | LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)                                 | LTE-FDD  | 7.53     | ±9.6                     |
| 10449 | AAD | LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)                                 | LTE-FDD  | 7.51     | ±9.6                     |
| 10450 | AAD | LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)                                 | LTE-FDD  | 7.48     | ±9.6                     |
| 10451 | AAB | W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)                                 | WCDMA    | 7.59     | ±9.6                     |
| 10453 | AAE | Validation (Square, 10 ms, 1 ms)                                                | Test     | 10.00    | ±9.6                     |
| 10456 | AAD | IEEE 802.11ac WiFi (160 MHz, 64-QAM, 99pc duty cycle)                           | WLAN     | 8.63     | ±9.6                     |
| 10457 | AAB | UMTS-FDD (DC-HSDPA)                                                             | WCDMA    | 6.62     | ±9.6                     |
| 10458 | AAA | CDMA2000 (1xEV-DO, Rev. B, 2 carriers)                                          | CDMA2000 | 6.55     | ±9.6                     |
| 10459 | AAA | CDMA2000 (1xEV-DO, Rev. B, 3 carriers)                                          | CDMA2000 | 8.25     | ±9.6                     |
| 10460 | AAB | UMTS-FDD (WCDMA, AMR)                                                           | WCDMA    | 2.39     | ±9.6                     |
| 10461 | AAC | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)                 | LTE-TDD  | 7.82     | ±9.6                     |
| 10462 | AAC | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)               | LTE-TDD  | 8.30     | ±9.6                     |
| 10463 | AAC | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)               | LTE-TDD  | 8.56     | ±9.6                     |
| 10464 | AAD | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)                   | LTE-TDD  | 7.82     | ±9.6                     |
| 10465 | AAD | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)                 | LTE-TDD  | 8.32     | ±9.6                     |
| 10466 | AAD | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)                 | LTE-TDD  | 8.57     | ±9.6                     |
| 10467 | AAG | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)                   | LTE-TDD  | 7.82     | ±9.6                     |
| 10468 | AAG | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)                 | LTE-TDD  | 8.32     | ±9.6                     |
| 10469 | AAG | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)                 | LTE-TDD  | 8.56     | ±9.6                     |
| 10470 | AAG | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)                  | LTE-TDD  | 7.82     | ±9.6                     |
| 10471 | AAG | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)                | LTE-TDD  | 8.32     | ±9.6                     |

| UID   | Rev | Communication System Name                                            | Group   | PAR (dB) | Unc <sup>E</sup> k = 2 |
|-------|-----|----------------------------------------------------------------------|---------|----------|------------------------|
| 10472 | AAG | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)     | LTE-TDD | 8.57     | ±9.6                   |
| 10473 | AAF | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)       | LTE-TDD | 7.82     | ±9.6                   |
| 10474 | AAF | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)     | LTE-TDD | 8.32     | ±9.6                   |
| 10475 | AAF | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)     | LTE-TDD | 8.57     | ±9.6                   |
| 10477 | AAG | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)     | LTE-TDD | 8.32     | ±9.6                   |
| 10478 | AAG | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)     | LTE-TDD | 8.57     | ±9.6                   |
| 10479 | AAC | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)    | LTE-TDD | 7.74     | ±9.6                   |
| 10480 | AAC | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)  | LTE-TDD | 8.18     | ±9.6                   |
| 10481 | AAC | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)  | LTE-TDD | 8.45     | ±9.6                   |
| 10482 | AAD | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)      | LTE-TDD | 7.71     | ±9.6                   |
| 10483 | AAD | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)    | LTE-TDD | 8.39     | ±9.6                   |
| 10484 | AAD | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)    | LTE-TDD | 8.47     | ±9.6                   |
| 10485 | AAG | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)      | LTE-TDD | 7.59     | ±9.6                   |
| 10486 | AAG | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)    | LTE-TDD | 8.38     | ±9.6                   |
| 10487 | AAG | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)    | LTE-TDD | 8.60     | ±9.6                   |
| 10488 | AAG | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)     | LTE-TDD | 7.70     | ±9.6                   |
| 10489 | AAG | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   | LTE-TDD | 8.31     | ±9.6                   |
| 10490 | AAG | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   | LTE-TDD | 8.54     | ±9.6                   |
| 10491 | AAF | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)     | LTE-TDD | 7.74     | ±9.6                   |
| 10492 | AAF | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   | LTE-TDD | 8.41     | ±9.6                   |
| 10493 | AAF | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   | LTE-TDD | 8.55     | ±9.6                   |
| 10494 | AAG | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)     | LTE-TDD | 7.74     | ±9.6                   |
| 10495 | AAG | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   | LTE-TDD | 8.37     | ±9.6                   |
| 10496 | AAG | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   | LTE-TDD | 8.54     | ±9.6                   |
| 10497 | AAC | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)   | LTE-TDD | 7.67     | ±9.6                   |
| 10498 | AAC | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.40     | ±9.6                   |
| 10499 | AAC | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.68     | ±9.6                   |
| 10500 | AAD | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)     | LTE-TDD | 7.67     | ±9.6                   |
| 10501 | AAD | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   | LTE-TDD | 8.44     | ±9.6                   |
| 10502 | AAD | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   | LTE-TDD | 8.52     | ±9.6                   |
| 10503 | AAG | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)     | LTE-TDD | 7.72     | ±9.6                   |
| 10504 | AAG | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   | LTE-TDD | 8.31     | ±9.6                   |
| 10505 | AAG | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   | LTE-TDD | 8.54     | ±9.6                   |
| 10506 | AAG | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)    | LTE-TDD | 7.74     | ±9.6                   |
| 10507 | AAG | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)  | LTE-TDD | 8.36     | ±9.6                   |
| 10508 | AAG | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)  | LTE-TDD | 8.55     | ±9.6                   |
| 10509 | AAF | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)    | LTE-TDD | 7.99     | ±9.6                   |
| 10510 | AAF | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)  | LTE-TDD | 8.49     | ±9.6                   |
| 10511 | AAF | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)  | LTE-TDD | 8.51     | ±9.6                   |
| 10512 | AAG | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)    | LTE-TDD | 7.74     | ±9.6                   |
| 10513 | AAG | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)  | LTE-TDD | 8.42     | ±9.6                   |
| 10514 | AAG | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)  | LTE-TDD | 8.45     | ±9.6                   |
| 10515 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc duty cycle)            | WLAN    | 1.58     | ±9.6                   |
| 10516 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle)          | WLAN    | 1.57     | ±9.6                   |
| 10517 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc duty cycle)           | WLAN    | 1.58     | ±9.6                   |
| 10518 | AAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)            | WLAN    | 8.23     | ±9.6                   |
| 10519 | AAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)           | WLAN    | 8.39     | ±9.6                   |
| 10520 | AAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)           | WLAN    | 8.12     | ±9.6                   |
| 10521 | AAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)           | WLAN    | 7.97     | ±9.6                   |
| 10522 | AAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)           | WLAN    | 8.45     | ±9.6                   |
| 10523 | AAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle)           | WLAN    | 8.08     | ±9.6                   |
| 10524 | AAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle)           | WLAN    | 8.27     | ±9.6                   |
| 10525 | AAD | IEEE 802.11ac WiFi (20 MHz, MCS0, 99pc duty cycle)                   | WLAN    | 8.36     | ±9.6                   |
| 10526 | AAD | IEEE 802.11ac WiFi (20 MHz, MCS1, 99pc duty cycle)                   | WLAN    | 8.42     | ±9.6                   |
| 10527 | AAD | IEEE 802.11ac WiFi (20 MHz, MCS2, 99pc duty cycle)                   | WLAN    | 8.21     | ±9.6                   |
| 10528 | AAD | IEEE 802.11ac WiFi (20 MHz, MCS3, 99pc duty cycle)                   | WLAN    | 8.36     | ±9.6                   |
| 10529 | AAD | IEEE 802.11ac WiFi (20 MHz, MCS4, 99pc duty cycle)                   | WLAN    | 8.36     | ±9.6                   |
| 10531 | AAD | IEEE 802.11ac WiFi (20 MHz, MCS6, 99pc duty cycle)                   | WLAN    | 8.43     | ±9.6                   |
| 10532 | AAD | IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle)                   | WLAN    | 8.29     | ±9.6                   |
| 10533 | AAD | IEEE 802.11ac WiFi (20 MHz, MCS8, 99pc duty cycle)                   | WLAN    | 8.38     | ±9.6                   |
| 10534 | AAD | IEEE 802.11ac WiFi (40 MHz, MCS0, 99pc duty cycle)                   | WLAN    | 8.45     | ±9.6                   |
| 10535 | AAD | IEEE 802.11ac WiFi (40 MHz, MCS1, 99pc duty cycle)                   | WLAN    | 8.45     | ±9.6                   |
| 10536 | AAD | IEEE 802.11ac WiFi (40 MHz, MCS2, 99pc duty cycle)                   | WLAN    | 8.32     | ±9.6                   |
| 10537 | AAD | IEEE 802.11ac WiFi (40 MHz, MCS3, 99pc duty cycle)                   | WLAN    | 8.44     | ±9.6                   |
| 10538 | AAD | IEEE 802.11ac WiFi (40 MHz, MCS4, 99pc duty cycle)                   | WLAN    | 8.54     | ±9.6                   |
| 10540 | AAD | IEEE 802.11ac WiFi (40 MHz, MCS6, 99pc duty cycle)                   | WLAN    | 8.39     | ±9.6                   |

| UID   | Rev | Communication System Name                                       | Group | PAR (dB) | Unc <sup>E</sup> k = 2 |
|-------|-----|-----------------------------------------------------------------|-------|----------|------------------------|
| 10541 | AAD | IEEE 802.11ac WiFi (40 MHz, MCS7, 99pc duty cycle)              | WLAN  | 8.46     | ±9.6                   |
| 10542 | AAD | IEEE 802.11ac WiFi (40 MHz, MCS8, 99pc duty cycle)              | WLAN  | 8.65     | ±9.6                   |
| 10543 | AAD | IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)              | WLAN  | 8.65     | ±9.6                   |
| 10544 | AAD | IEEE 802.11ac WiFi (80 MHz, MCS0, 99pc duty cycle)              | WLAN  | 8.47     | ±9.6                   |
| 10545 | AAD | IEEE 802.11ac WiFi (80 MHz, MCS1, 99pc duty cycle)              | WLAN  | 8.55     | ±9.6                   |
| 10546 | AAD | IEEE 802.11ac WiFi (80 MHz, MCS2, 99pc duty cycle)              | WLAN  | 8.35     | ±9.6                   |
| 10547 | AAD | IEEE 802.11ac WiFi (80 MHz, MCS3, 99pc duty cycle)              | WLAN  | 8.49     | ±9.6                   |
| 10548 | AAD | IEEE 802.11ac WiFi (80 MHz, MCS4, 99pc duty cycle)              | WLAN  | 8.37     | ±9.6                   |
| 10550 | AAD | IEEE 802.11ac WiFi (80 MHz, MCS6, 99pc duty cycle)              | WLAN  | 8.38     | ±9.6                   |
| 10551 | AAD | IEEE 802.11ac WiFi (80 MHz, MCS7, 99pc duty cycle)              | WLAN  | 8.50     | ±9.6                   |
| 10552 | AAD | IEEE 802.11ac WiFi (80 MHz, MCS8, 99pc duty cycle)              | WLAN  | 8.42     | ±9.6                   |
| 10553 | AAD | IEEE 802.11ac WiFi (80 MHz, MCS9, 99pc duty cycle)              | WLAN  | 8.45     | ±9.6                   |
| 10554 | AAE | IEEE 802.11ac WiFi (160 MHz, MCS0, 99pc duty cycle)             | WLAN  | 8.48     | ±9.6                   |
| 10555 | AAE | IEEE 802.11ac WiFi (160 MHz, MCS1, 99pc duty cycle)             | WLAN  | 8.47     | ±9.6                   |
| 10556 | AAE | IEEE 802.11ac WiFi (160 MHz, MCS2, 99pc duty cycle)             | WLAN  | 8.50     | ±9.6                   |
| 10557 | AAE | IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)             | WLAN  | 8.52     | ±9.6                   |
| 10558 | AAE | IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)             | WLAN  | 8.61     | ±9.6                   |
| 10560 | AAE | IEEE 802.11ac WiFi (160 MHz, MCS6, 99pc duty cycle)             | WLAN  | 8.73     | ±9.6                   |
| 10561 | AAE | IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)             | WLAN  | 8.56     | ±9.6                   |
| 10562 | AAE | IEEE 802.11ac WiFi (160 MHz, MCS8, 99pc duty cycle)             | WLAN  | 8.69     | ±9.6                   |
| 10563 | AAE | IEEE 802.11ac WiFi (160 MHz, MCS9, 99pc duty cycle)             | WLAN  | 8.77     | ±9.6                   |
| 10564 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle)  | WLAN  | 8.25     | ±9.6                   |
| 10565 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle) | WLAN  | 8.45     | ±9.6                   |
| 10566 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle) | WLAN  | 8.13     | ±9.6                   |
| 10567 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle) | WLAN  | 8.00     | ±9.6                   |
| 10568 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle) | WLAN  | 8.37     | ±9.6                   |
| 10569 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle) | WLAN  | 8.10     | ±9.6                   |
| 10570 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle) | WLAN  | 8.30     | ±9.6                   |
| 10571 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)       | WLAN  | 1.99     | ±9.6                   |
| 10572 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)       | WLAN  | 1.99     | ±9.6                   |
| 10573 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)     | WLAN  | 1.98     | ±9.6                   |
| 10574 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)      | WLAN  | 1.98     | ±9.6                   |
| 10575 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty cycle)  | WLAN  | 8.59     | ±9.6                   |
| 10576 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty cycle)  | WLAN  | 8.60     | ±9.6                   |
| 10577 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle) | WLAN  | 8.70     | ±9.6                   |
| 10578 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty cycle) | WLAN  | 8.49     | ±9.6                   |
| 10579 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty cycle) | WLAN  | 8.36     | ±9.6                   |
| 10580 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty cycle) | WLAN  | 8.76     | ±9.6                   |
| 10581 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle) | WLAN  | 8.35     | ±9.6                   |
| 10582 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty cycle) | WLAN  | 8.67     | ±9.6                   |
| 10583 | AAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)       | WLAN  | 8.59     | ±9.6                   |
| 10584 | AAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)       | WLAN  | 8.60     | ±9.6                   |
| 10585 | AAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)      | WLAN  | 8.70     | ±9.6                   |
| 10586 | AAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)      | WLAN  | 8.49     | ±9.6                   |
| 10587 | AAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)      | WLAN  | 8.36     | ±9.6                   |
| 10588 | AAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)      | WLAN  | 8.76     | ±9.6                   |
| 10589 | AAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)      | WLAN  | 8.35     | ±9.6                   |
| 10590 | AAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)      | WLAN  | 8.67     | ±9.6                   |
| 10591 | AAD | IEEE 802.11n (HT Mixed, 20 MHz, MCS0, 90pc duty cycle)          | WLAN  | 8.63     | ±9.6                   |
| 10592 | AAD | IEEE 802.11n (HT Mixed, 20 MHz, MCS1, 90pc duty cycle)          | WLAN  | 8.79     | ±9.6                   |
| 10593 | AAD | IEEE 802.11n (HT Mixed, 20 MHz, MCS2, 90pc duty cycle)          | WLAN  | 8.64     | ±9.6                   |
| 10594 | AAD | IEEE 802.11n (HT Mixed, 20 MHz, MCS3, 90pc duty cycle)          | WLAN  | 8.74     | ±9.6                   |
| 10595 | AAD | IEEE 802.11n (HT Mixed, 20 MHz, MCS4, 90pc duty cycle)          | WLAN  | 8.74     | ±9.6                   |
| 10596 | AAD | IEEE 802.11n (HT Mixed, 20 MHz, MCS5, 90pc duty cycle)          | WLAN  | 8.71     | ±9.6                   |
| 10597 | AAD | IEEE 802.11n (HT Mixed, 20 MHz, MCS6, 90pc duty cycle)          | WLAN  | 8.72     | ±9.6                   |
| 10598 | AAD | IEEE 802.11n (HT Mixed, 20 MHz, MCS7, 90pc duty cycle)          | WLAN  | 8.50     | ±9.6                   |
| 10599 | AAD | IEEE 802.11n (HT Mixed, 40 MHz, MCS0, 90pc duty cycle)          | WLAN  | 8.79     | ±9.6                   |
| 10600 | AAD | IEEE 802.11n (HT Mixed, 40 MHz, MCS1, 90pc duty cycle)          | WLAN  | 8.88     | ±9.6                   |
| 10601 | AAD | IEEE 802.11n (HT Mixed, 40 MHz, MCS2, 90pc duty cycle)          | WLAN  | 8.82     | ±9.6                   |
| 10602 | AAD | IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle)          | WLAN  | 8.94     | ±9.6                   |
| 10603 | AAD | IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90pc duty cycle)          | WLAN  | 9.03     | ±9.6                   |
| 10604 | AAD | IEEE 802.11n (HT Mixed, 40 MHz, MCS5, 90pc duty cycle)          | WLAN  | 8.76     | ±9.6                   |
| 10605 | AAD | IEEE 802.11n (HT Mixed, 40 MHz, MCS6, 90pc duty cycle)          | WLAN  | 8.97     | ±9.6                   |
| 10606 | AAD | IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle)          | WLAN  | 8.82     | ±9.6                   |
| 10607 | AAD | IEEE 802.11ac WiFi (20 MHz, MCS0, 90pc duty cycle)              | WLAN  | 8.64     | ±9.6                   |
| 10608 | AAD | IEEE 802.11ac WiFi (20 MHz, MCS1, 90pc duty cycle)              | WLAN  | 8.77     | ±9.6                   |

| UID   | Rev | Communication System Name                              | Group     | PAR (dB) | Unc <sup>E</sup> k = 2 |
|-------|-----|--------------------------------------------------------|-----------|----------|------------------------|
| 10609 | AAD | IEEE 802.11ac WiFi (20 MHz, MCS2, 90pc duty cycle)     | WLAN      | 8.57     | ±9.6                   |
| 10610 | AAD | IEEE 802.11ac WiFi (20 MHz, MCS3, 90pc duty cycle)     | WLAN      | 8.78     | ±9.6                   |
| 10611 | AAD | IEEE 802.11ac WiFi (20 MHz, MCS4, 90pc duty cycle)     | WLAN      | 8.70     | ±9.6                   |
| 10612 | AAD | IEEE 802.11ac WiFi (20 MHz, MCS5, 90pc duty cycle)     | WLAN      | 8.77     | ±9.6                   |
| 10613 | AAD | IEEE 802.11ac WiFi (20 MHz, MCS6, 90pc duty cycle)     | WLAN      | 8.94     | ±9.6                   |
| 10614 | AAD | IEEE 802.11ac WiFi (20 MHz, MCS7, 90pc duty cycle)     | WLAN      | 8.59     | ±9.6                   |
| 10615 | AAD | IEEE 802.11ac WiFi (20 MHz, MCS8, 90pc duty cycle)     | WLAN      | 8.82     | ±9.6                   |
| 10616 | AAD | IEEE 802.11ac WiFi (40 MHz, MCS0, 90pc duty cycle)     | WLAN      | 8.82     | ±9.6                   |
| 10617 | AAD | IEEE 802.11ac WiFi (40 MHz, MCS1, 90pc duty cycle)     | WLAN      | 8.81     | ±9.6                   |
| 10618 | AAD | IEEE 802.11ac WiFi (40 MHz, MCS2, 90pc duty cycle)     | WLAN      | 8.58     | ±9.6                   |
| 10619 | AAD | IEEE 802.11ac WiFi (40 MHz, MCS3, 90pc duty cycle)     | WLAN      | 8.86     | ±9.6                   |
| 10620 | AAD | IEEE 802.11ac WiFi (40 MHz, MCS4, 90pc duty cycle)     | WLAN      | 8.87     | ±9.6                   |
| 10621 | AAD | IEEE 802.11ac WiFi (40 MHz, MCS5, 90pc duty cycle)     | WLAN      | 8.77     | ±9.6                   |
| 10622 | AAD | IEEE 802.11ac WiFi (40 MHz, MCS6, 90pc duty cycle)     | WLAN      | 8.68     | ±9.6                   |
| 10623 | AAD | IEEE 802.11ac WiFi (40 MHz, MCS7, 90pc duty cycle)     | WLAN      | 8.82     | ±9.6                   |
| 10624 | AAD | IEEE 802.11ac WiFi (40 MHz, MCS8, 90pc duty cycle)     | WLAN      | 8.96     | ±9.6                   |
| 10625 | AAD | IEEE 802.11ac WiFi (40 MHz, MCS9, 90pc duty cycle)     | WLAN      | 8.96     | ±9.6                   |
| 10626 | AAD | IEEE 802.11ac WiFi (80 MHz, MCS0, 90pc duty cycle)     | WLAN      | 8.83     | ±9.6                   |
| 10627 | AAD | IEEE 802.11ac WiFi (80 MHz, MCS1, 90pc duty cycle)     | WLAN      | 8.88     | ±9.6                   |
| 10628 | AAD | IEEE 802.11ac WiFi (80 MHz, MCS2, 90pc duty cycle)     | WLAN      | 8.71     | ±9.6                   |
| 10629 | AAD | IEEE 802.11ac WiFi (80 MHz, MCS3, 90pc duty cycle)     | WLAN      | 8.85     | ±9.6                   |
| 10630 | AAD | IEEE 802.11ac WiFi (80 MHz, MCS4, 90pc duty cycle)     | WLAN      | 8.72     | ±9.6                   |
| 10631 | AAD | IEEE 802.11ac WiFi (80 MHz, MCS5, 90pc duty cycle)     | WLAN      | 8.81     | ±9.6                   |
| 10632 | AAD | IEEE 802.11ac WiFi (80 MHz, MCS6, 90pc duty cycle)     | WLAN      | 8.74     | ±9.6                   |
| 10633 | AAD | IEEE 802.11ac WiFi (80 MHz, MCS7, 90pc duty cycle)     | WLAN      | 8.83     | ±9.6                   |
| 10634 | AAD | IEEE 802.11ac WiFi (80 MHz, MCS8, 90pc duty cycle)     | WLAN      | 8.80     | ±9.6                   |
| 10635 | AAD | IEEE 802.11ac WiFi (80 MHz, MCS9, 90pc duty cycle)     | WLAN      | 8.81     | ±9.6                   |
| 10636 | AAE | IEEE 802.11ac WiFi (160 MHz, MCS0, 90pc duty cycle)    | WLAN      | 8.83     | ±9.6                   |
| 10637 | AAE | IEEE 802.11ac WiFi (160 MHz, MCS1, 90pc duty cycle)    | WLAN      | 8.79     | ±9.6                   |
| 10638 | AAE | IEEE 802.11ac WiFi (160 MHz, MCS2, 90pc duty cycle)    | WLAN      | 8.86     | ±9.6                   |
| 10639 | AAE | IEEE 802.11ac WiFi (160 MHz, MCS3, 90pc duty cycle)    | WLAN      | 8.85     | ±9.6                   |
| 10640 | AAE | IEEE 802.11ac WiFi (160 MHz, MCS4, 90pc duty cycle)    | WLAN      | 8.98     | ±9.6                   |
| 10641 | AAE | IEEE 802.11ac WiFi (160 MHz, MCS5, 90pc duty cycle)    | WLAN      | 9.06     | ±9.6                   |
| 10642 | AAE | IEEE 802.11ac WiFi (160 MHz, MCS6, 90pc duty cycle)    | WLAN      | 9.06     | ±9.6                   |
| 10643 | AAE | IEEE 802.11ac WiFi (160 MHz, MCS7, 90pc duty cycle)    | WLAN      | 8.89     | ±9.6                   |
| 10644 | AAE | IEEE 802.11ac WiFi (160 MHz, MCS8, 90pc duty cycle)    | WLAN      | 9.05     | ±9.6                   |
| 10645 | AAE | IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duty cycle)    | WLAN      | 9.11     | ±9.6                   |
| 10646 | AAH | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7)  | LTE-TDD   | 11.96    | ±9.6                   |
| 10647 | AAG | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7) | LTE-TDD   | 11.96    | ±9.6                   |
| 10648 | AAA | CDMA2000 (1x Advanced)                                 | CDMA2000  | 3.45     | ±9.6                   |
| 10652 | AAF | LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)         | LTE-TDD   | 6.91     | ±9.6                   |
| 10653 | AAF | LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)        | LTE-TDD   | 7.42     | ±9.6                   |
| 10654 | AAE | LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)        | LTE-TDD   | 6.96     | ±9.6                   |
| 10655 | AAF | LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)        | LTE-TDD   | 7.21     | ±9.6                   |
| 10658 | AAB | Pulse Waveform (200Hz, 10%)                            | Test      | 10.00    | ±9.6                   |
| 10659 | AAB | Pulse Waveform (200Hz, 20%)                            | Test      | 6.99     | ±9.6                   |
| 10660 | AAB | Pulse Waveform (200Hz, 40%)                            | Test      | 3.98     | ±9.6                   |
| 10661 | AAB | Pulse Waveform (200Hz, 60%)                            | Test      | 2.22     | ±9.6                   |
| 10662 | AAB | Pulse Waveform (200Hz, 80%)                            | Test      | 0.97     | ±9.6                   |
| 10670 | AAA | Bluetooth Low Energy                                   | Bluetooth | 2.19     | ±9.6                   |
| 10671 | AAC | IEEE 802.11ax (20 MHz, MCS0, 90pc duty cycle)          | WLAN      | 9.09     | ±9.6                   |
| 10672 | AAC | IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle)          | WLAN      | 8.57     | ±9.6                   |
| 10673 | AAC | IEEE 802.11ax (20 MHz, MCS2, 90pc duty cycle)          | WLAN      | 8.78     | ±9.6                   |
| 10674 | AAC | IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)          | WLAN      | 8.74     | ±9.6                   |
| 10675 | AAC | IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle)          | WLAN      | 8.90     | ±9.6                   |
| 10676 | AAC | IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle)          | WLAN      | 8.77     | ±9.6                   |
| 10677 | AAC | IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle)          | WLAN      | 8.73     | ±9.6                   |
| 10678 | AAC | IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle)          | WLAN      | 8.78     | ±9.6                   |
| 10679 | AAC | IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle)          | WLAN      | 8.89     | ±9.6                   |
| 10680 | AAC | IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle)          | WLAN      | 8.80     | ±9.6                   |
| 10681 | AAC | IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle)         | WLAN      | 8.62     | ±9.6                   |
| 10682 | AAC | IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle)         | WLAN      | 8.83     | ±9.6                   |
| 10683 | AAC | IEEE 802.11ax (20 MHz, MCS0, 99pc duty cycle)          | WLAN      | 8.42     | ±9.6                   |
| 10684 | AAC | IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle)          | WLAN      | 8.26     | ±9.6                   |
| 10685 | AAC | IEEE 802.11ax (20 MHz, MCS2, 99pc duty cycle)          | WLAN      | 8.33     | ±9.6                   |
| 10686 | AAC | IEEE 802.11ax (20 MHz, MCS3, 99pc duty cycle)          | WLAN      | 8.28     | ±9.6                   |

| UID   | Rev | Communication System Name                      | Group | PAR (dB) | Unc <sup>E</sup> $k = 2$ |
|-------|-----|------------------------------------------------|-------|----------|--------------------------|
| 10687 | AAC | IEEE 802.11ax (20 MHz, MCS4, 99pc duty cycle)  | WLAN  | 8.45     | ±9.6                     |
| 10688 | AAC | IEEE 802.11ax (20 MHz, MCS5, 99pc duty cycle)  | WLAN  | 8.29     | ±9.6                     |
| 10689 | AAC | IEEE 802.11ax (20 MHz, MCS6, 99pc duty cycle)  | WLAN  | 8.55     | ±9.6                     |
| 10690 | AAC | IEEE 802.11ax (20 MHz, MCS7, 99pc duty cycle)  | WLAN  | 8.29     | ±9.6                     |
| 10691 | AAC | IEEE 802.11ax (20 MHz, MCS8, 99pc duty cycle)  | WLAN  | 8.25     | ±9.6                     |
| 10692 | AAC | IEEE 802.11ax (20 MHz, MCS9, 99pc duty cycle)  | WLAN  | 8.29     | ±9.6                     |
| 10693 | AAC | IEEE 802.11ax (20 MHz, MCS10, 99pc duty cycle) | WLAN  | 8.25     | ±9.6                     |
| 10694 | AAC | IEEE 802.11ax (20 MHz, MCS11, 99pc duty cycle) | WLAN  | 8.57     | ±9.6                     |
| 10695 | AAC | IEEE 802.11ax (40 MHz, MCS0, 90pc duty cycle)  | WLAN  | 8.78     | ±9.6                     |
| 10696 | AAC | IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)  | WLAN  | 8.91     | ±9.6                     |
| 10697 | AAC | IEEE 802.11ax (40 MHz, MCS2, 90pc duty cycle)  | WLAN  | 8.61     | ±9.6                     |
| 10698 | AAC | IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle)  | WLAN  | 8.89     | ±9.6                     |
| 10699 | AAC | IEEE 802.11ax (40 MHz, MCS4, 90pc duty cycle)  | WLAN  | 8.82     | ±9.6                     |
| 10700 | AAC | IEEE 802.11ax (40 MHz, MCS5, 90pc duty cycle)  | WLAN  | 8.73     | ±9.6                     |
| 10701 | AAC | IEEE 802.11ax (40 MHz, MCS6, 90pc duty cycle)  | WLAN  | 8.86     | ±9.6                     |
| 10702 | AAC | IEEE 802.11ax (40 MHz, MCS7, 90pc duty cycle)  | WLAN  | 8.70     | ±9.6                     |
| 10703 | AAC | IEEE 802.11ax (40 MHz, MCS8, 90pc duty cycle)  | WLAN  | 8.82     | ±9.6                     |
| 10704 | AAC | IEEE 802.11ax (40 MHz, MCS9, 90pc duty cycle)  | WLAN  | 8.56     | ±9.6                     |
| 10705 | AAC | IEEE 802.11ax (40 MHz, MCS10, 90pc duty cycle) | WLAN  | 8.69     | ±9.6                     |
| 10706 | AAC | IEEE 802.11ax (40 MHz, MCS11, 90pc duty cycle) | WLAN  | 8.66     | ±9.6                     |
| 10707 | AAC | IEEE 802.11ax (40 MHz, MCS0, 99pc duty cycle)  | WLAN  | 8.32     | ±9.6                     |
| 10708 | AAC | IEEE 802.11ax (40 MHz, MCS1, 99pc duty cycle)  | WLAN  | 8.55     | ±9.6                     |
| 10709 | AAC | IEEE 802.11ax (40 MHz, MCS2, 99pc duty cycle)  | WLAN  | 8.33     | ±9.6                     |
| 10710 | AAC | IEEE 802.11ax (40 MHz, MCS3, 99pc duty cycle)  | WLAN  | 8.29     | ±9.6                     |
| 10711 | AAC | IEEE 802.11ax (40 MHz, MCS4, 99pc duty cycle)  | WLAN  | 8.39     | ±9.6                     |
| 10712 | AAC | IEEE 802.11ax (40 MHz, MCS5, 99pc duty cycle)  | WLAN  | 8.67     | ±9.6                     |
| 10713 | AAC | IEEE 802.11ax (40 MHz, MCS6, 99pc duty cycle)  | WLAN  | 8.33     | ±9.6                     |
| 10714 | AAC | IEEE 802.11ax (40 MHz, MCS7, 99pc duty cycle)  | WLAN  | 8.26     | ±9.6                     |
| 10715 | AAC | IEEE 802.11ax (40 MHz, MCS8, 99pc duty cycle)  | WLAN  | 8.45     | ±9.6                     |
| 10716 | AAC | IEEE 802.11ax (40 MHz, MCS9, 99pc duty cycle)  | WLAN  | 8.30     | ±9.6                     |
| 10717 | AAC | IEEE 802.11ax (40 MHz, MCS10, 99pc duty cycle) | WLAN  | 8.48     | ±9.6                     |
| 10718 | AAC | IEEE 802.11ax (40 MHz, MCS11, 99pc duty cycle) | WLAN  | 8.24     | ±9.6                     |
| 10719 | AAC | IEEE 802.11ax (80 MHz, MCS0, 90pc duty cycle)  | WLAN  | 8.81     | ±9.6                     |
| 10720 | AAC | IEEE 802.11ax (80 MHz, MCS1, 90pc duty cycle)  | WLAN  | 8.87     | ±9.6                     |
| 10721 | AAC | IEEE 802.11ax (80 MHz, MCS2, 90pc duty cycle)  | WLAN  | 8.76     | ±9.6                     |
| 10722 | AAC | IEEE 802.11ax (80 MHz, MCS3, 90pc duty cycle)  | WLAN  | 8.55     | ±9.6                     |
| 10723 | AAC | IEEE 802.11ax (80 MHz, MCS4, 90pc duty cycle)  | WLAN  | 8.70     | ±9.6                     |
| 10724 | AAC | IEEE 802.11ax (80 MHz, MCS5, 90pc duty cycle)  | WLAN  | 8.90     | ±9.6                     |
| 10725 | AAC | IEEE 802.11ax (80 MHz, MCS6, 90pc duty cycle)  | WLAN  | 8.74     | ±9.6                     |
| 10726 | AAC | IEEE 802.11ax (80 MHz, MCS7, 90pc duty cycle)  | WLAN  | 8.72     | ±9.6                     |
| 10727 | AAC | IEEE 802.11ax (80 MHz, MCS8, 90pc duty cycle)  | WLAN  | 8.66     | ±9.6                     |
| 10728 | AAC | IEEE 802.11ax (80 MHz, MCS9, 90pc duty cycle)  | WLAN  | 8.65     | ±9.6                     |
| 10729 | AAC | IEEE 802.11ax (80 MHz, MCS10, 90pc duty cycle) | WLAN  | 8.64     | ±9.6                     |
| 10730 | AAC | IEEE 802.11ax (80 MHz, MCS11, 90pc duty cycle) | WLAN  | 8.67     | ±9.6                     |
| 10731 | AAC | IEEE 802.11ax (80 MHz, MCS0, 99pc duty cycle)  | WLAN  | 8.42     | ±9.6                     |
| 10732 | AAC | IEEE 802.11ax (80 MHz, MCS1, 99pc duty cycle)  | WLAN  | 8.46     | ±9.6                     |
| 10733 | AAC | IEEE 802.11ax (80 MHz, MCS2, 99pc duty cycle)  | WLAN  | 8.40     | ±9.6                     |
| 10734 | AAC | IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle)  | WLAN  | 8.25     | ±9.6                     |
| 10735 | AAC | IEEE 802.11ax (80 MHz, MCS4, 99pc duty cycle)  | WLAN  | 8.33     | ±9.6                     |
| 10736 | AAC | IEEE 802.11ax (80 MHz, MCS5, 99pc duty cycle)  | WLAN  | 8.27     | ±9.6                     |
| 10737 | AAC | IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle)  | WLAN  | 8.36     | ±9.6                     |
| 10738 | AAC | IEEE 802.11ax (80 MHz, MCS7, 99pc duty cycle)  | WLAN  | 8.42     | ±9.6                     |
| 10739 | AAC | IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle)  | WLAN  | 8.29     | ±9.6                     |
| 10740 | AAC | IEEE 802.11ax (80 MHz, MCS9, 99pc duty cycle)  | WLAN  | 8.48     | ±9.6                     |
| 10741 | AAC | IEEE 802.11ax (80 MHz, MCS10, 99pc duty cycle) | WLAN  | 8.40     | ±9.6                     |
| 10742 | AAC | IEEE 802.11ax (80 MHz, MCS11, 99pc duty cycle) | WLAN  | 8.43     | ±9.6                     |
| 10743 | AAC | IEEE 802.11ax (160 MHz, MCS0, 90pc duty cycle) | WLAN  | 8.94     | ±9.6                     |
| 10744 | AAC | IEEE 802.11ax (160 MHz, MCS1, 90pc duty cycle) | WLAN  | 9.16     | ±9.6                     |
| 10745 | AAC | IEEE 802.11ax (160 MHz, MCS2, 90pc duty cycle) | WLAN  | 8.93     | ±9.6                     |
| 10746 | AAC | IEEE 802.11ax (160 MHz, MCS3, 90pc duty cycle) | WLAN  | 9.11     | ±9.6                     |
| 10747 | AAC | IEEE 802.11ax (160 MHz, MCS4, 90pc duty cycle) | WLAN  | 9.04     | ±9.6                     |
| 10748 | AAC | IEEE 802.11ax (160 MHz, MCS5, 90pc duty cycle) | WLAN  | 8.93     | ±9.6                     |
| 10749 | AAC | IEEE 802.11ax (160 MHz, MCS6, 90pc duty cycle) | WLAN  | 8.90     | ±9.6                     |
| 10750 | AAC | IEEE 802.11ax (160 MHz, MCS7, 90pc duty cycle) | WLAN  | 8.79     | ±9.6                     |
| 10751 | AAC | IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle) | WLAN  | 8.82     | ±9.6                     |
| 10752 | AAC | IEEE 802.11ax (160 MHz, MCS9, 90pc duty cycle) | WLAN  | 8.81     | ±9.6                     |

| UID   | Rev | Communication System Name                       | Group         | PAR (dB) | Unc <sup>E</sup> $k = 2$ |
|-------|-----|-------------------------------------------------|---------------|----------|--------------------------|
| 10753 | AAC | IEEE 802.11ax (160 MHz, MCS10, 90pc duty cycle) | WLAN          | 9.00     | ±9.6                     |
| 10754 | AAC | IEEE 802.11ax (160 MHz, MCS11, 90pc duty cycle) | WLAN          | 8.94     | ±9.6                     |
| 10755 | AAC | IEEE 802.11ax (160 MHz, MCS0, 99pc duty cycle)  | WLAN          | 8.64     | ±9.6                     |
| 10756 | AAC | IEEE 802.11ax (160 MHz, MCS1, 99pc duty cycle)  | WLAN          | 8.77     | ±9.6                     |
| 10757 | AAC | IEEE 802.11ax (160 MHz, MCS2, 99pc duty cycle)  | WLAN          | 8.77     | ±9.6                     |
| 10758 | AAC | IEEE 802.11ax (160 MHz, MCS3, 99pc duty cycle)  | WLAN          | 8.69     | ±9.6                     |
| 10759 | AAC | IEEE 802.11ax (160 MHz, MCS4, 99pc duty cycle)  | WLAN          | 8.58     | ±9.6                     |
| 10760 | AAC | IEEE 802.11ax (160 MHz, MCS5, 99pc duty cycle)  | WLAN          | 8.49     | ±9.6                     |
| 10761 | AAC | IEEE 802.11ax (160 MHz, MCS6, 99pc duty cycle)  | WLAN          | 8.58     | ±9.6                     |
| 10762 | AAC | IEEE 802.11ax (160 MHz, MCS7, 99pc duty cycle)  | WLAN          | 8.49     | ±9.6                     |
| 10763 | AAC | IEEE 802.11ax (160 MHz, MCS8, 99pc duty cycle)  | WLAN          | 8.53     | ±9.6                     |
| 10764 | AAC | IEEE 802.11ax (160 MHz, MCS9, 99pc duty cycle)  | WLAN          | 8.54     | ±9.6                     |
| 10765 | AAC | IEEE 802.11ax (160 MHz, MCS10, 99pc duty cycle) | WLAN          | 8.54     | ±9.6                     |
| 10766 | AAC | IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle) | WLAN          | 8.51     | ±9.6                     |
| 10767 | AAG | 5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)      | 5G NR FR1 TDD | 7.99     | ±9.6                     |
| 10768 | AAE | 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)     | 5G NR FR1 TDD | 8.01     | ±9.6                     |
| 10769 | AAD | 5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)     | 5G NR FR1 TDD | 8.01     | ±9.6                     |
| 10770 | AAE | 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)     | 5G NR FR1 TDD | 8.02     | ±9.6                     |
| 10771 | AAD | 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)     | 5G NR FR1 TDD | 8.02     | ±9.6                     |
| 10772 | AAE | 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)     | 5G NR FR1 TDD | 8.23     | ±9.6                     |
| 10773 | AAF | 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)     | 5G NR FR1 TDD | 8.03     | ±9.6                     |
| 10774 | AAE | 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)     | 5G NR FR1 TDD | 8.02     | ±9.6                     |
| 10775 | AAF | 5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)    | 5G NR FR1 TDD | 8.31     | ±9.6                     |
| 10776 | AAE | 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)   | 5G NR FR1 TDD | 8.30     | ±9.6                     |
| 10777 | AAC | 5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)   | 5G NR FR1 TDD | 8.30     | ±9.6                     |
| 10778 | AAE | 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)   | 5G NR FR1 TDD | 8.34     | ±9.6                     |
| 10779 | AAC | 5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)   | 5G NR FR1 TDD | 8.42     | ±9.6                     |
| 10780 | AAE | 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)   | 5G NR FR1 TDD | 8.38     | ±9.6                     |
| 10781 | AAF | 5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)   | 5G NR FR1 TDD | 8.38     | ±9.6                     |
| 10782 | AAE | 5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)   | 5G NR FR1 TDD | 8.43     | ±9.6                     |
| 10783 | AAG | 5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)   | 5G NR FR1 TDD | 8.31     | ±9.6                     |
| 10784 | AAE | 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)  | 5G NR FR1 TDD | 8.29     | ±9.6                     |
| 10785 | AAD | 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)  | 5G NR FR1 TDD | 8.40     | ±9.6                     |
| 10786 | AAE | 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)  | 5G NR FR1 TDD | 8.35     | ±9.6                     |
| 10787 | AAD | 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)  | 5G NR FR1 TDD | 8.44     | ±9.6                     |
| 10788 | AAE | 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)  | 5G NR FR1 TDD | 8.39     | ±9.6                     |
| 10789 | AAF | 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)  | 5G NR FR1 TDD | 8.37     | ±9.6                     |
| 10790 | AAE | 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)  | 5G NR FR1 TDD | 8.39     | ±9.6                     |
| 10791 | AAG | 5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)      | 5G NR FR1 TDD | 7.83     | ±9.6                     |
| 10792 | AAE | 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 7.92     | ±9.6                     |
| 10793 | AAD | 5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 7.95     | ±9.6                     |
| 10794 | AAE | 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 7.82     | ±9.6                     |
| 10795 | AAD | 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 7.84     | ±9.6                     |
| 10796 | AAE | 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 7.82     | ±9.6                     |
| 10797 | AAF | 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 8.01     | ±9.6                     |
| 10798 | AAE | 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 7.89     | ±9.6                     |
| 10799 | AAF | 5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 7.93     | ±9.6                     |
| 10801 | AAF | 5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 7.89     | ±9.6                     |
| 10802 | AAE | 5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 7.87     | ±9.6                     |
| 10803 | AAF | 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)    | 5G NR FR1 TDD | 7.93     | ±9.6                     |
| 10805 | AAE | 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 8.34     | ±9.6                     |
| 10806 | AAD | 5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 8.37     | ±9.6                     |
| 10809 | AAE | 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 8.34     | ±9.6                     |
| 10810 | AAF | 5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 8.34     | ±9.6                     |
| 10812 | AAF | 5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 8.35     | ±9.6                     |
| 10817 | AAG | 5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 8.35     | ±9.6                     |
| 10818 | AAE | 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)  | 5G NR FR1 TDD | 8.34     | ±9.6                     |
| 10819 | AAD | 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)  | 5G NR FR1 TDD | 8.33     | ±9.6                     |
| 10820 | AAE | 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)  | 5G NR FR1 TDD | 8.30     | ±9.6                     |
| 10821 | AAD | 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)  | 5G NR FR1 TDD | 8.41     | ±9.6                     |
| 10822 | AAE | 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)  | 5G NR FR1 TDD | 8.41     | ±9.6                     |
| 10823 | AAF | 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)  | 5G NR FR1 TDD | 8.36     | ±9.6                     |
| 10824 | AAE | 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)  | 5G NR FR1 TDD | 8.39     | ±9.6                     |
| 10825 | AAF | 5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)  | 5G NR FR1 TDD | 8.41     | ±9.6                     |
| 10827 | AAF | 5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)  | 5G NR FR1 TDD | 8.42     | ±9.6                     |
| 10828 | AAE | 5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)  | 5G NR FR1 TDD | 8.43     | ±9.6                     |

| UID   | Rev | Communication System Name                            | Group         | PAR (dB) | Unc <sup>E</sup> $k = 2$ |
|-------|-----|------------------------------------------------------|---------------|----------|--------------------------|
| 10829 | AAF | 5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)      | 5G NR FR1 TDD | 8.40     | ±9.6                     |
| 10830 | AAE | 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)          | 5G NR FR1 TDD | 7.63     | ±9.6                     |
| 10831 | AAD | 5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)          | 5G NR FR1 TDD | 7.73     | ±9.6                     |
| 10832 | AAE | 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)          | 5G NR FR1 TDD | 7.74     | ±9.6                     |
| 10833 | AAD | 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)          | 5G NR FR1 TDD | 7.70     | ±9.6                     |
| 10834 | AAE | 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)          | 5G NR FR1 TDD | 7.75     | ±9.6                     |
| 10835 | AAF | 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)          | 5G NR FR1 TDD | 7.70     | ±9.6                     |
| 10836 | AAE | 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)          | 5G NR FR1 TDD | 7.66     | ±9.6                     |
| 10837 | AAF | 5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)          | 5G NR FR1 TDD | 7.68     | ±9.6                     |
| 10839 | AAF | 5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)          | 5G NR FR1 TDD | 7.70     | ±9.6                     |
| 10840 | AAE | 5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)          | 5G NR FR1 TDD | 7.67     | ±9.6                     |
| 10841 | AAF | 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)         | 5G NR FR1 TDD | 7.71     | ±9.6                     |
| 10843 | AAD | 5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)        | 5G NR FR1 TDD | 8.49     | ±9.6                     |
| 10844 | AAE | 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)        | 5G NR FR1 TDD | 8.34     | ±9.6                     |
| 10846 | AAE | 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)        | 5G NR FR1 TDD | 8.41     | ±9.6                     |
| 10854 | AAE | 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)       | 5G NR FR1 TDD | 8.34     | ±9.6                     |
| 10855 | AAD | 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)       | 5G NR FR1 TDD | 8.36     | ±9.6                     |
| 10856 | AAE | 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)       | 5G NR FR1 TDD | 8.37     | ±9.6                     |
| 10857 | AAD | 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)       | 5G NR FR1 TDD | 8.35     | ±9.6                     |
| 10858 | AAE | 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)       | 5G NR FR1 TDD | 8.36     | ±9.6                     |
| 10859 | AAF | 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)       | 5G NR FR1 TDD | 8.34     | ±9.6                     |
| 10860 | AAE | 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)       | 5G NR FR1 TDD | 8.41     | ±9.6                     |
| 10861 | AAF | 5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)       | 5G NR FR1 TDD | 8.40     | ±9.6                     |
| 10863 | AAF | 5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)       | 5G NR FR1 TDD | 8.41     | ±9.6                     |
| 10864 | AAE | 5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)       | 5G NR FR1 TDD | 8.37     | ±9.6                     |
| 10865 | AAF | 5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)      | 5G NR FR1 TDD | 8.41     | ±9.6                     |
| 10866 | AAF | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)      | 5G NR FR1 TDD | 5.68     | ±9.6                     |
| 10868 | AAF | 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 5.89     | ±9.6                     |
| 10869 | AAE | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)     | 5G NR FR2 TDD | 5.75     | ±9.6                     |
| 10870 | AAE | 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)  | 5G NR FR2 TDD | 5.86     | ±9.6                     |
| 10871 | AAE | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)    | 5G NR FR2 TDD | 5.75     | ±9.6                     |
| 10872 | AAE | 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz) | 5G NR FR2 TDD | 6.52     | ±9.6                     |
| 10873 | AAE | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)    | 5G NR FR2 TDD | 6.61     | ±9.6                     |
| 10874 | AAE | 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz) | 5G NR FR2 TDD | 6.65     | ±9.6                     |
| 10875 | AAE | 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)        | 5G NR FR2 TDD | 7.78     | ±9.6                     |
| 10876 | AAE | 5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)     | 5G NR FR2 TDD | 8.39     | ±9.6                     |
| 10877 | AAE | 5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)       | 5G NR FR2 TDD | 7.95     | ±9.6                     |
| 10878 | AAE | 5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)    | 5G NR FR2 TDD | 8.41     | ±9.6                     |
| 10879 | AAE | 5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)       | 5G NR FR2 TDD | 8.12     | ±9.6                     |
| 10880 | AAE | 5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)    | 5G NR FR2 TDD | 8.38     | ±9.6                     |
| 10881 | AAE | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)      | 5G NR FR2 TDD | 5.75     | ±9.6                     |
| 10882 | AAE | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)   | 5G NR FR2 TDD | 5.96     | ±9.6                     |
| 10883 | AAE | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)     | 5G NR FR2 TDD | 6.57     | ±9.6                     |
| 10884 | AAE | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)  | 5G NR FR2 TDD | 6.53     | ±9.6                     |
| 10885 | AAE | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)     | 5G NR FR2 TDD | 6.61     | ±9.6                     |
| 10886 | AAE | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)  | 5G NR FR2 TDD | 6.65     | ±9.6                     |
| 10887 | AAE | 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)         | 5G NR FR2 TDD | 7.78     | ±9.6                     |
| 10888 | AAE | 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)      | 5G NR FR2 TDD | 8.35     | ±9.6                     |
| 10889 | AAE | 5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)        | 5G NR FR2 TDD | 8.02     | ±9.6                     |
| 10890 | AAE | 5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)     | 5G NR FR2 TDD | 8.40     | ±9.6                     |
| 10891 | AAE | 5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)        | 5G NR FR2 TDD | 8.13     | ±9.6                     |
| 10892 | AAE | 5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)     | 5G NR FR2 TDD | 8.41     | ±9.6                     |
| 10897 | AAE | 5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)        | 5G NR FR1 TDD | 5.66     | ±9.6                     |
| 10898 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)       | 5G NR FR1 TDD | 5.67     | ±9.6                     |
| 10899 | AAB | 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)       | 5G NR FR1 TDD | 5.67     | ±9.6                     |
| 10900 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)       | 5G NR FR1 TDD | 5.68     | ±9.6                     |
| 10901 | AAB | 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)       | 5G NR FR1 TDD | 5.68     | ±9.6                     |
| 10902 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)       | 5G NR FR1 TDD | 5.68     | ±9.6                     |
| 10903 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)       | 5G NR FR1 TDD | 5.68     | ±9.6                     |
| 10904 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)       | 5G NR FR1 TDD | 5.68     | ±9.6                     |
| 10905 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)       | 5G NR FR1 TDD | 5.68     | ±9.6                     |
| 10906 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)       | 5G NR FR1 TDD | 5.68     | ±9.6                     |
| 10907 | AAE | 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)      | 5G NR FR1 TDD | 5.78     | ±9.6                     |
| 10908 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 5.93     | ±9.6                     |
| 10909 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 5.96     | ±9.6                     |
| 10910 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 5.83     | ±9.6                     |

| UID   | Rev | Communication System Name                           | Group         | PAR (dB) | Unc <sup>E</sup> $k = 2$ |
|-------|-----|-----------------------------------------------------|---------------|----------|--------------------------|
| 10911 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)    | 5G NR FR1 TDD | 5.93     | ±9.6                     |
| 10912 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)    | 5G NR FR1 TDD | 5.84     | ±9.6                     |
| 10913 | AAD | 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)    | 5G NR FR1 TDD | 5.84     | ±9.6                     |
| 10914 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)    | 5G NR FR1 TDD | 5.85     | ±9.6                     |
| 10915 | AAD | 5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)    | 5G NR FR1 TDD | 5.83     | ±9.6                     |
| 10916 | AAD | 5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)    | 5G NR FR1 TDD | 5.87     | ±9.6                     |
| 10917 | AAD | 5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 5.94     | ±9.6                     |
| 10918 | AAE | 5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)    | 5G NR FR1 TDD | 5.86     | ±9.6                     |
| 10919 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 5.86     | ±9.6                     |
| 10920 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 5.87     | ±9.6                     |
| 10921 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 5.84     | ±9.6                     |
| 10922 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 5.82     | ±9.6                     |
| 10923 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 5.84     | ±9.6                     |
| 10924 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 5.84     | ±9.6                     |
| 10925 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 5.95     | ±9.6                     |
| 10926 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 5.84     | ±9.6                     |
| 10927 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 5.94     | ±9.6                     |
| 10928 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)       | 5G NR FR1 FDD | 5.52     | ±9.6                     |
| 10929 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)      | 5G NR FR1 FDD | 5.52     | ±9.6                     |
| 10930 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)      | 5G NR FR1 FDD | 5.52     | ±9.6                     |
| 10931 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)      | 5G NR FR1 FDD | 5.51     | ±9.6                     |
| 10932 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)      | 5G NR FR1 FDD | 5.51     | ±9.6                     |
| 10933 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)      | 5G NR FR1 FDD | 5.51     | ±9.6                     |
| 10934 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)      | 5G NR FR1 FDD | 5.51     | ±9.6                     |
| 10935 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)      | 5G NR FR1 FDD | 5.51     | ±9.6                     |
| 10936 | AAD | 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)     | 5G NR FR1 FDD | 5.90     | ±9.6                     |
| 10937 | AAD | 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)    | 5G NR FR1 FDD | 5.77     | ±9.6                     |
| 10938 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)    | 5G NR FR1 FDD | 5.90     | ±9.6                     |
| 10939 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)    | 5G NR FR1 FDD | 5.82     | ±9.6                     |
| 10940 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)    | 5G NR FR1 FDD | 5.89     | ±9.6                     |
| 10941 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)    | 5G NR FR1 FDD | 5.83     | ±9.6                     |
| 10942 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)    | 5G NR FR1 FDD | 5.85     | ±9.6                     |
| 10943 | AAD | 5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)    | 5G NR FR1 FDD | 5.95     | ±9.6                     |
| 10944 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)    | 5G NR FR1 FDD | 5.81     | ±9.6                     |
| 10945 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)   | 5G NR FR1 FDD | 5.85     | ±9.6                     |
| 10946 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)   | 5G NR FR1 FDD | 5.83     | ±9.6                     |
| 10947 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)   | 5G NR FR1 FDD | 5.87     | ±9.6                     |
| 10948 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)   | 5G NR FR1 FDD | 5.94     | ±9.6                     |
| 10949 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)   | 5G NR FR1 FDD | 5.87     | ±9.6                     |
| 10950 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)   | 5G NR FR1 FDD | 5.94     | ±9.6                     |
| 10951 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)   | 5G NR FR1 FDD | 5.92     | ±9.6                     |
| 10952 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)   | 5G NR FR1 FDD | 8.25     | ±9.6                     |
| 10953 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)  | 5G NR FR1 FDD | 8.15     | ±9.6                     |
| 10954 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)  | 5G NR FR1 FDD | 8.23     | ±9.6                     |
| 10955 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)  | 5G NR FR1 FDD | 8.42     | ±9.6                     |
| 10956 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)   | 5G NR FR1 FDD | 8.14     | ±9.6                     |
| 10957 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)  | 5G NR FR1 FDD | 8.31     | ±9.6                     |
| 10958 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)  | 5G NR FR1 FDD | 8.61     | ±9.6                     |
| 10959 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)  | 5G NR FR1 FDD | 8.33     | ±9.6                     |
| 10960 | AAE | 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)   | 5G NR FR1 TDD | 9.32     | ±9.6                     |
| 10961 | AAC | 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)  | 5G NR FR1 TDD | 9.36     | ±9.6                     |
| 10962 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)  | 5G NR FR1 TDD | 9.40     | ±9.6                     |
| 10963 | AAC | 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)  | 5G NR FR1 TDD | 9.55     | ±9.6                     |
| 10964 | AAE | 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)   | 5G NR FR1 TDD | 9.29     | ±9.6                     |
| 10965 | AAC | 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)  | 5G NR FR1 TDD | 9.37     | ±9.6                     |
| 10966 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)  | 5G NR FR1 TDD | 9.55     | ±9.6                     |
| 10967 | AAC | 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)  | 5G NR FR1 TDD | 9.42     | ±9.6                     |
| 10968 | AAD | 5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.49     | ±9.6                     |
| 10972 | AAC | 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)         | 5G NR FR1 TDD | 11.59    | ±9.6                     |
| 10973 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 9.06     | ±9.6                     |
| 10974 | AAD | 5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)  | 5G NR FR1 TDD | 10.28    | ±9.6                     |
| 10978 | AAA | ULLA BDR                                            | ULLA          | 1.16     | ±9.6                     |
| 10979 | AAA | ULLA HDR4                                           | ULLA          | 8.58     | ±9.6                     |
| 10980 | AAA | ULLA HDR8                                           | ULLA          | 10.32    | ±9.6                     |
| 10981 | AAA | ULLA HDRp4                                          | ULLA          | 3.19     | ±9.6                     |
| 10982 | AAA | ULLA HDRp8                                          | ULLA          | 3.43     | ±9.6                     |

| UID   | Rev | Communication System Name                          | Group         | PAR (dB) | Unc <sup>E</sup> $k = 2$ |
|-------|-----|----------------------------------------------------|---------------|----------|--------------------------|
| 10983 | AAC | 5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz) | 5G NR FR1 TDD | 9.31     | ±9.6                     |
| 10984 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz) | 5G NR FR1 TDD | 9.42     | ±9.6                     |
| 10985 | AAC | 5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.54     | ±9.6                     |
| 10986 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.50     | ±9.6                     |
| 10987 | AAC | 5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.53     | ±9.6                     |
| 10988 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.38     | ±9.6                     |
| 10989 | AAC | 5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.33     | ±9.6                     |
| 10990 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.52     | ±9.6                     |
| 11003 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz) | 5G NR FR1 TDD | 10.24    | ±9.6                     |
| 11004 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 10.73    | ±9.6                     |
| 11005 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 15 kHz) | 5G NR FR1 FDD | 8.70     | ±9.6                     |
| 11006 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz) | 5G NR FR1 FDD | 8.55     | ±9.6                     |
| 11007 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz) | 5G NR FR1 FDD | 8.46     | ±9.6                     |
| 11008 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz) | 5G NR FR1 FDD | 8.51     | ±9.6                     |
| 11009 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 30 kHz) | 5G NR FR1 FDD | 8.76     | ±9.6                     |
| 11010 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz) | 5G NR FR1 FDD | 8.95     | ±9.6                     |
| 11011 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz) | 5G NR FR1 FDD | 8.96     | ±9.6                     |
| 11012 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz) | 5G NR FR1 FDD | 8.68     | ±9.6                     |
| 11013 | AAB | IEEE 802.11be (320 MHz, MCS1, 99pc duty cycle)     | WLAN          | 8.47     | ±9.6                     |
| 11014 | AAB | IEEE 802.11be (320 MHz, MCS2, 99pc duty cycle)     | WLAN          | 8.45     | ±9.6                     |
| 11015 | AAB | IEEE 802.11be (320 MHz, MCS3, 99pc duty cycle)     | WLAN          | 8.44     | ±9.6                     |
| 11016 | AAB | IEEE 802.11be (320 MHz, MCS4, 99pc duty cycle)     | WLAN          | 8.44     | ±9.6                     |
| 11017 | AAB | IEEE 802.11be (320 MHz, MCS5, 99pc duty cycle)     | WLAN          | 8.41     | ±9.6                     |
| 11018 | AAB | IEEE 802.11be (320 MHz, MCS6, 99pc duty cycle)     | WLAN          | 8.40     | ±9.6                     |
| 11019 | AAB | IEEE 802.11be (320 MHz, MCS7, 99pc duty cycle)     | WLAN          | 8.29     | ±9.6                     |
| 11020 | AAB | IEEE 802.11be (320 MHz, MCS8, 99pc duty cycle)     | WLAN          | 8.27     | ±9.6                     |
| 11021 | AAB | IEEE 802.11be (320 MHz, MCS9, 99pc duty cycle)     | WLAN          | 8.46     | ±9.6                     |
| 11022 | AAB | IEEE 802.11be (320 MHz, MCS10, 99pc duty cycle)    | WLAN          | 8.36     | ±9.6                     |
| 11023 | AAB | IEEE 802.11be (320 MHz, MCS11, 99pc duty cycle)    | WLAN          | 8.09     | ±9.6                     |
| 11024 | AAB | IEEE 802.11be (320 MHz, MCS12, 99pc duty cycle)    | WLAN          | 8.42     | ±9.6                     |
| 11025 | AAB | IEEE 802.11be (320 MHz, MCS13, 99pc duty cycle)    | WLAN          | 8.37     | ±9.6                     |
| 11026 | AAB | IEEE 802.11be (320 MHz, MCS0, 99pc duty cycle)     | WLAN          | 8.39     | ±9.6                     |

<sup>E</sup> Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.