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_250317
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	6.87	1.81	39.0

Hardware Setup

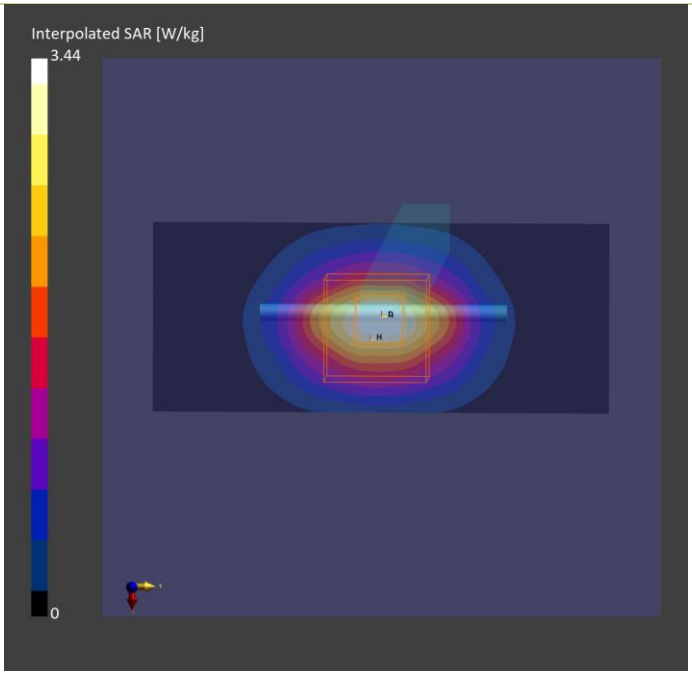
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2122	H19T27N9 , 2025-03-17	EX3DV4 - SN7736, 2025-02-17	DAE4 Sn1431, 2024-07-16

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	2025-03-17	2025-03-17
psSAR1g [W/kg]	2.46	2.53
psSAR10g [W/kg]	1.21	1.25
Power Drift [dB]	0.06	0.05



Plots of System Verification

Measurement Report
S02 System Check_H5250_250425
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	4.9	4.57	37.3

Hardware Setup

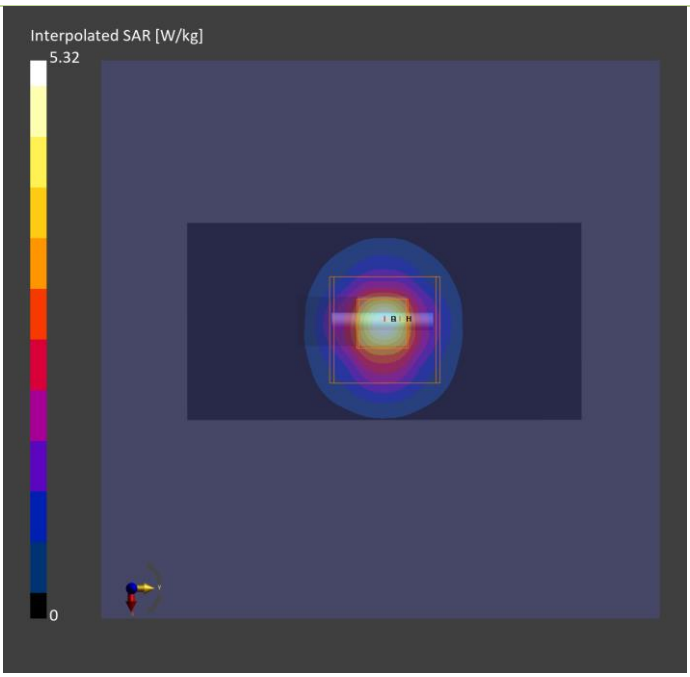
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1988	H50T60N5 , 2025-Apr-25	EX3DV4 - SN7797, 2024-11-20	DAE4 Sn1585, 2024-05-16

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	2025-04-25	2025-04-25
psSAR1g [W/kg]	3.69	3.76
psSAR10g [W/kg]	1.04	1.08
Power Drift [dB]	0.02	0.04



Plots of System Verification

Measurement Report
S03 System Check_H5600_250425
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	4.52	4.97	36.7

Hardware Setup

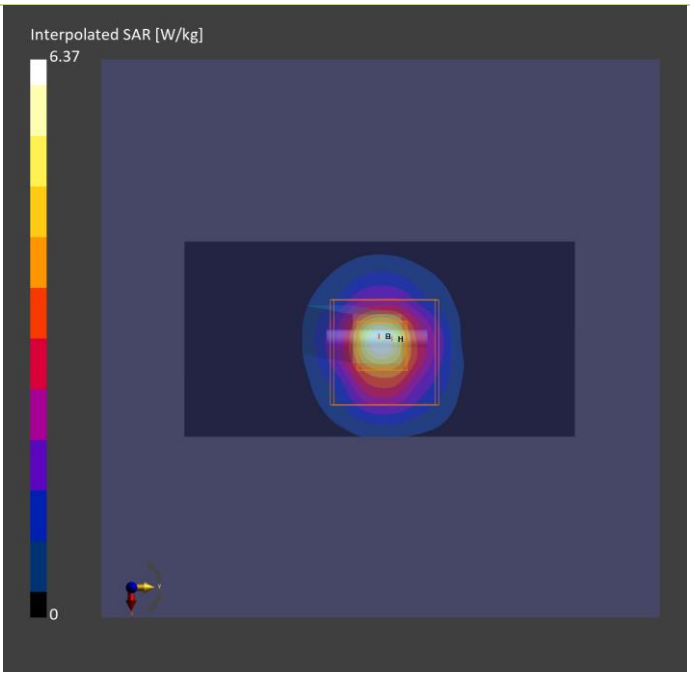
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1988	H50T60N5 , 2025-Apr-25	EX3DV4 - SN7797, 2024-11-20	DAE4 Sn1585, 2024-05-16

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	2025-04-25	2025-04-25
psSAR1g [W/kg]	4.06	4.12
psSAR10g [W/kg]	1.19	1.21
Power Drift [dB]	-0.02	0.03



Plots of System Verification

Measurement Report
S04 System Check_H5800_250425
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	4.48	5.21	36.4

Hardware Setup

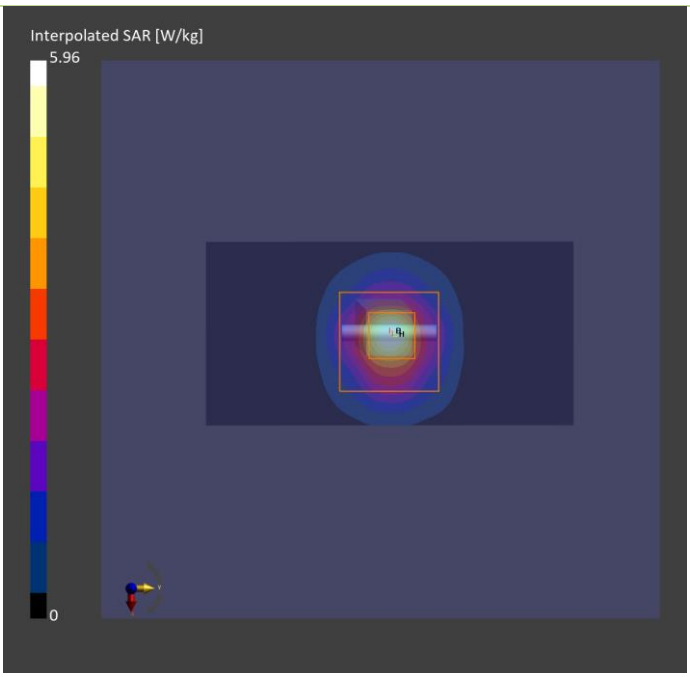
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1988	H50T60N5 , 2025-Apr-25	EX3DV4 - SN7797, 2024-11-20	DAE4 Sn1585, 2024-05-16

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	2025-04-25	2025-04-25
psSAR1g [W/kg]	3.81	3.89
psSAR10g [W/kg]	1.05	1.09
Power Drift [dB]	0.11	0.04



Plots of System Verification

Measurement Report
S05 System Check_H6500_250318
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	5.85	35.5

Hardware Setup

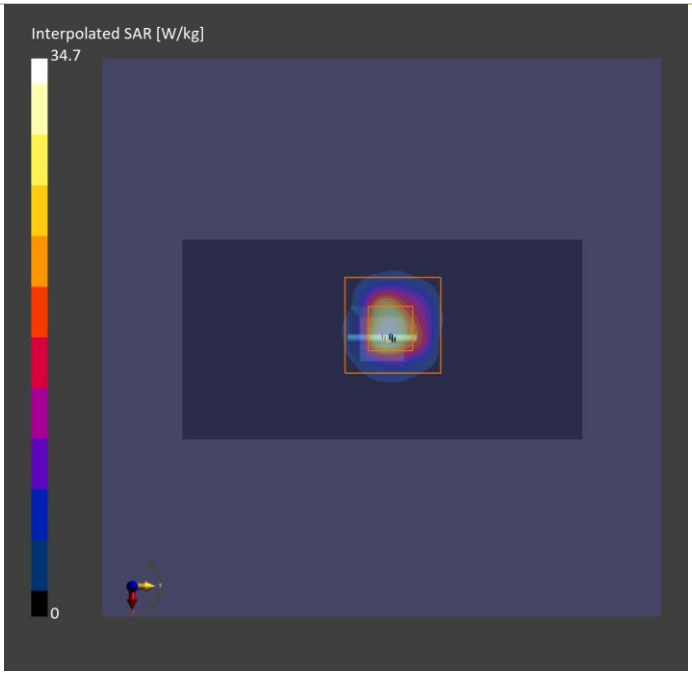
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2122	H60T72N9 , 2025-03-18	EX3DV4 - SN7736, 2025-02-17	DAE4 Sn1431, 2024-07-16

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	2025-03-18	2025-03-18
psSAR1g [W/kg]	23.5	28.8
psSAR10g [W/kg]	5.07	5.42
psAPD (1.0cm2, sq) [W/m2]		290
psAPD (4.0cm2, sq) [W/m2]		133
Power Drift [dB]	0.03	0.06



Plots of System Verification

Measurement Report
S05 PD_System Check_10 GHz_250401
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
SPEAG, 5G Verification Source 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, 10.00	Validation band	CW, -0-	10000.0, 10000	1.0

Hardware Setup

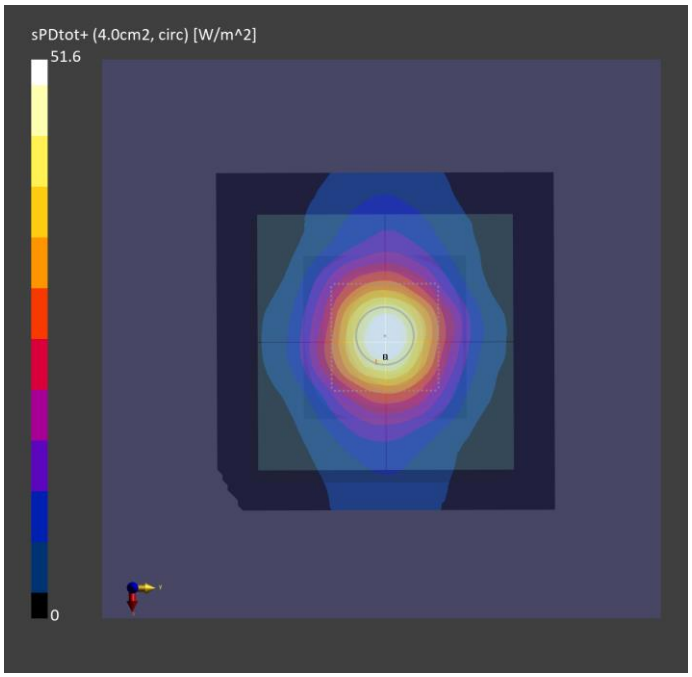
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1029	-Air-	EUmmWV4 - SN9438_F1-55GHz, 2024-07-19	DAE4 Sn1277, 2024-05-14

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	2025-04-01
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	51.1
psPDtot+ [W/m²]	51.6
psPDmod+ [W/m²]	51.9
E_{max} [V/m]	147
Power Drift [dB]	0.01



Plots of System Verification

Measurement Report
S06 System Check_H6500_250331
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	5.56	6.06	35.0

Hardware Setup

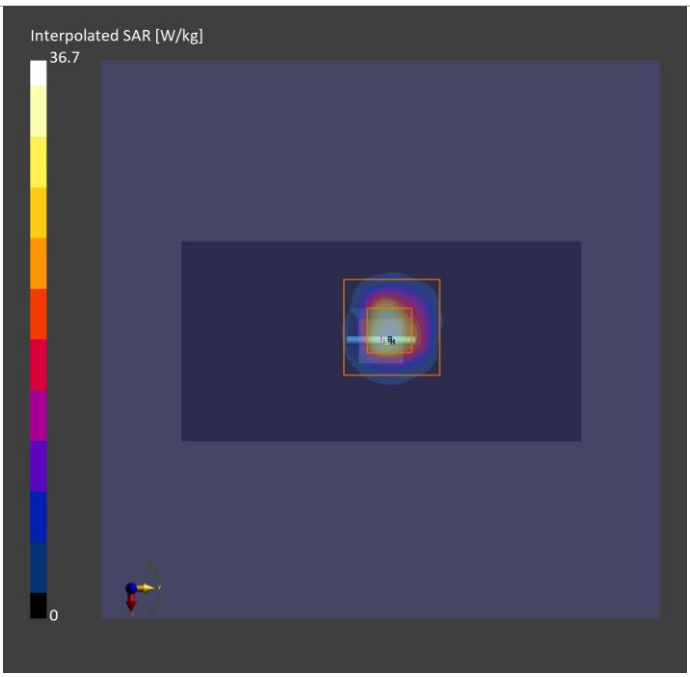
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1982	H60T72N6 , 2025-03-31	EX3DV4 - SN7554, 2024-09-17	DAE4 Sn1277, 2024-05-14

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	2025-03-31	2025-03-31
psSAR1g [W/kg]	27.7	29.1
psSAR10g [W/kg]	5.14	5.42
psAPD (1.0cm2, sq) [W/m2]		290
psAPD (4.0cm2, sq) [W/m2]		134
Power Drift [dB]	0.03	0.03



Plots of System Verification

Measurement Report
S06 PD_System Check_10 GHz_250401
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
SPEAG, 5G Verification Source 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, 10.00	Validation band	CW, -0-	10000.0, 10000	1.0

Hardware Setup

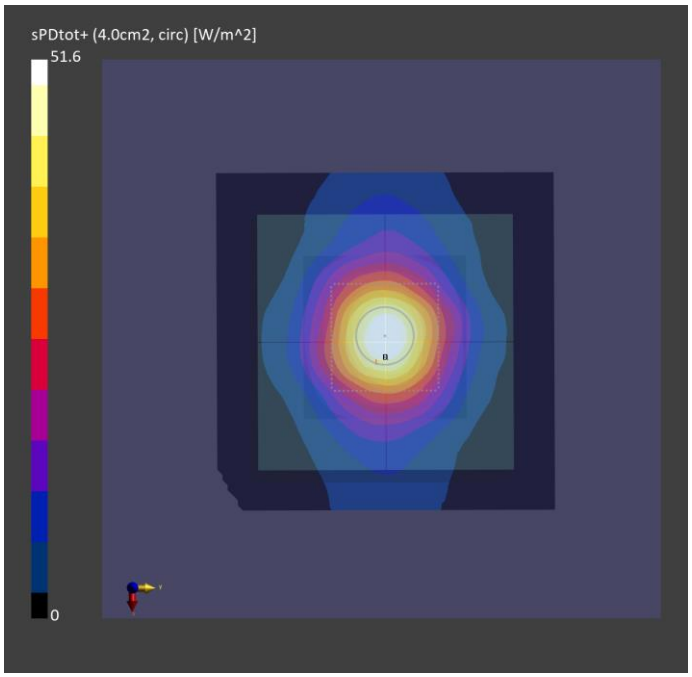
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1029	-Air-	EUmmWV4 - SN9438_F1-55GHz, 2024-07-19	DAE4 Sn1277, 2024-05-14

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	2025-04-01
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	51.1
psPDtot+ [W/m²]	51.6
psPDmod+ [W/m²]	51.9
E_{max} [V/m]	147
Power Drift [dB]	0.01



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_Tip Mode_degree 90_5mm_Ch1_Ant 0+1
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P24110232,	81.0 x 31.0 x 5.0		

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,	Tip Mode _degree 90, 5.00	WLAN 2.4GHz	WLAN, 10012-CAB	2412.000, 1	6.87	1.78	39.1

Hardware Setup

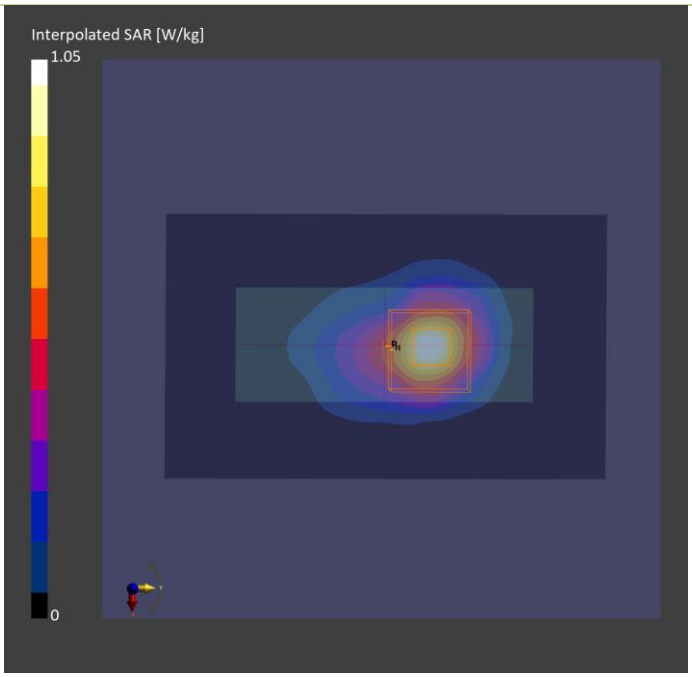
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2122	H19T27N9 , 2025-03-17	EX3DV4 - SN7736, 2025-02-17	DAE4 Sn1431, 2024-07-16

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	72.0 x 120.0	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	2025-03-17	2025-03-17
psSAR1g [W/kg]	0.780	0.762
psSAR10g [W/kg]	0.354	0.348
Power Drift [dB]	-0.06	-0.15
M2/M1 [%]		53.0
Dist 3dB Peak [mm]		9.0



Plots of Measurement

Measurement Report
P02 WLAN5.3G_802.11ac VHT80_Tip Mode_degree 90_5mm_Ch58_Ant 0+1
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P24110232,	81.0 x 31.0 x 5.0		

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,	Tip Mode _degree 90, 5.00	WLAN 5GHz	WLAN, 10544-AAD	5290.000, 58	4.9	4.62	37.2

Hardware Setup

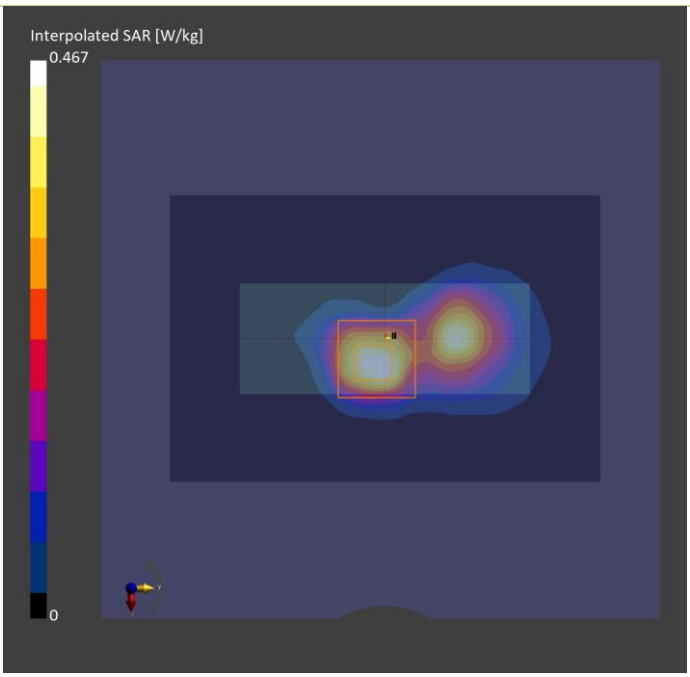
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1988	H50T60N5 , 2025-Apr-25	EX3DV4 - SN7797, 2024-11-20	DAE4 Sn1585, 2024-05-16

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 120.0	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	2025-04-25	2025-04-25
psSAR1g [W/kg]	0.436	0.487
psSAR10g [W/kg]	0.166	0.181
Power Drift [dB]	-0.04	-0.13
M2/M1 [%]		63.0
Dist 3dB Peak [mm]		7.2



Plots of Measurement

Measurement Report
P03 WLAN5.6G_802.11ac VHT80_Tip Mode_degree 90_5mm_Ch106_Ant 0+1
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P24110232,	81.0 x 31.0 x 5.0		

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,	Tip Mode _degree 90, 5.00	WLAN 5GHz	WLAN, 10544-AAD	5530.000, 106	4.52	4.89	36.8

Hardware Setup

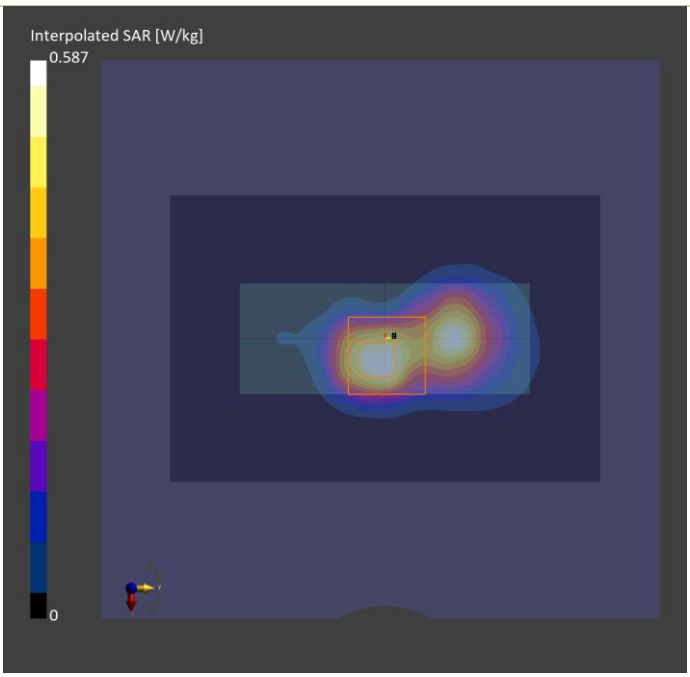
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1988	H50T60N5 , 2025-Apr-25	EX3DV4 - SN7797, 2024-11-20	DAE4 Sn1585, 2024-05-16

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 120.0	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	2025-04-25	2025-04-25
psSAR1g [W/kg]	0.529	0.595
psSAR10g [W/kg]	0.193	0.201
Power Drift [dB]	-0.06	-0.16
M2/M1 [%]		61.0
Dist 3dB Peak [mm]		7.6



Plots of Measurement

Measurement Report
P04 WLAN5.8G_802.11ac VHT80_Tip Mode_degree 90_5mm_Ch155_Ant 0+1
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P24110232,	81.0 x 31.0 x 5.0		

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,	Tip Mode _degree 90, 5.00	WLAN 5GHz	WLAN, 10544-AAD	5775.000, 155	4.48	5.18	36.4

Hardware Setup

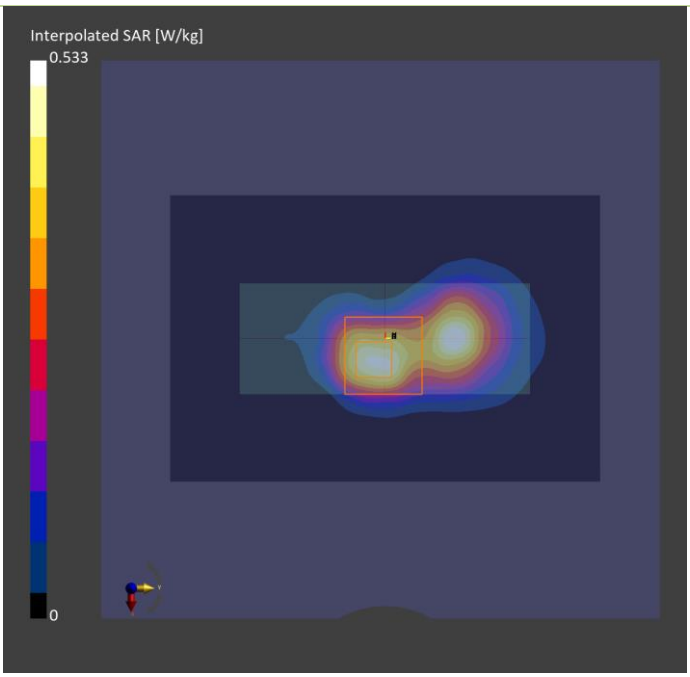
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1988	H50T60N5 , 2025-Apr-25	EX3DV4 - SN7797, 2024-11-20	DAE4 Sn1585, 2024-05-16

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 120.0	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	2025-04-25	2025-04-25
psSAR1g [W/kg]	0.476	0.531
psSAR10g [W/kg]	0.236	0.228
Power Drift [dB]	-0.04	-0.14
M2/M1 [%]		55.7
Dist 3dB Peak [mm]		9.6



Plots of Measurement

Measurement Report
P05 UNII-5_802.11ax HE160_Tip Mode_degree 90_5mm_Ch47_Ant 0+1_NSS1
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P24110232,	81.0 x 31.0 x 5.0		

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,	Tip Mode _degree 90, 5.00	U-NII-5	WLAN, 10755-AAC	6185.000, 47	5.24	5.50	35.9

Hardware Setup

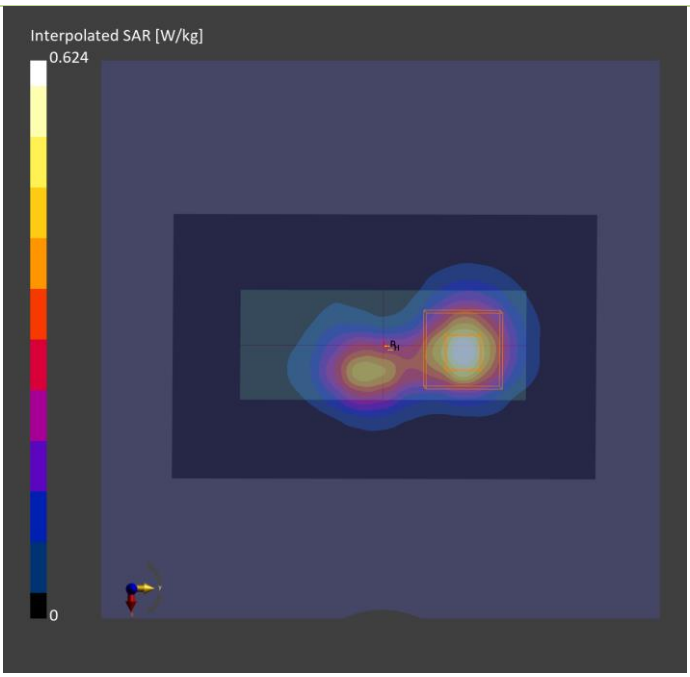
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2122	H60T72N9 , 2025-03-18	EX3DV4 - SN7736, 2025-02-17	DAE4 Sn1431, 2024-07-16

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	75.0 x 120.0	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	2025-03-18	2025-03-18
psSAR1g [W/kg]	0.455	0.361
psSAR10g [W/kg]	0.154	0.122
psAPD (1.0cm2, sq) [W/m2]		3.61
psAPD (4.0cm2, sq) [W/m2]		2.76
Power Drift [dB]	-0.13	-0.16
M2/M1 [%]		54.1
Dist 3dB Peak [mm]		9.1



Plots of Measurement

Measurement Report
P05 UNII-5_802.11ax HE160_Tip Mode_degree 90_5mm_Ch47_Ant 0+1_NSS1
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
, P24110232	81.0 x 31.0 x 5.0		

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Tip Mode_degree 90, 5.00	U-NII-5	WLAN, 10755-AAC	6185.0, 47	1.0

Hardware Setup

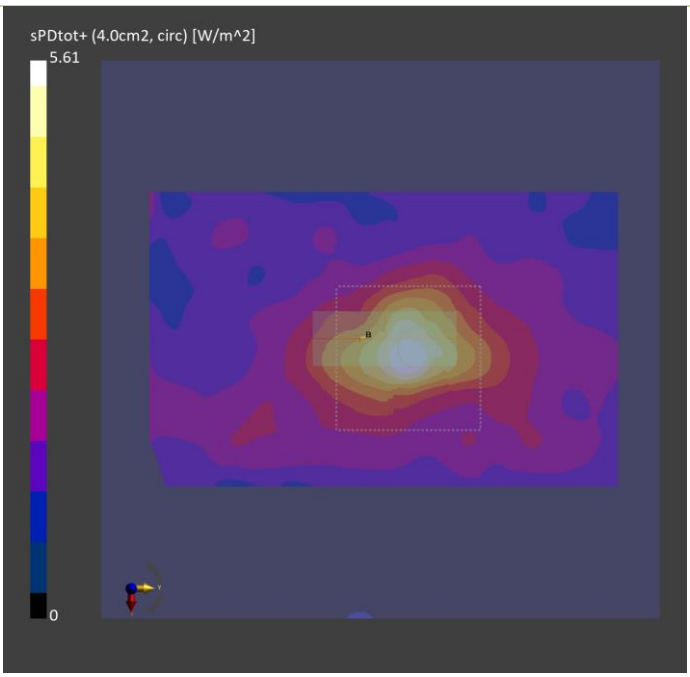
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1029	---Air	EUmmWV4 - SN9438_F1-55GHz, 2024-07-19	DAE4 Sn1277, 2024-05-14

Scan Setup

	5G Scan
Grid Extents [mm]	97.0 x 97.0
Grid Steps [lambda]	0.0515 x 0.0515
Sensor Surface [mm]	5.0

Measurement Results

	5G Scan
Date	2025-03-18
Avg. Area [cm^2]	4.00
psPDn+ [W/m^2]	2.99
psPDtot+ [W/m^2]	5.61
psPDmod+ [W/m^2]	6.19
E_{max} [V/m]	55.3
Power Drift [dB]	-0.14



Plots of Measurement

Measurement Report
P06 UNII-6_802.11ax HE160_Tip Mode_degree 90_5mm_Ch111_Ant 0+1_NSS2
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P24110232,	81.0 x 31.0 x 5.0		

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,	Tip Mode _degree 90, 5.00	U-NII-6	WLAN, 10755-AAC	6505.000, 111	5.56	6.06	35.0

Hardware Setup

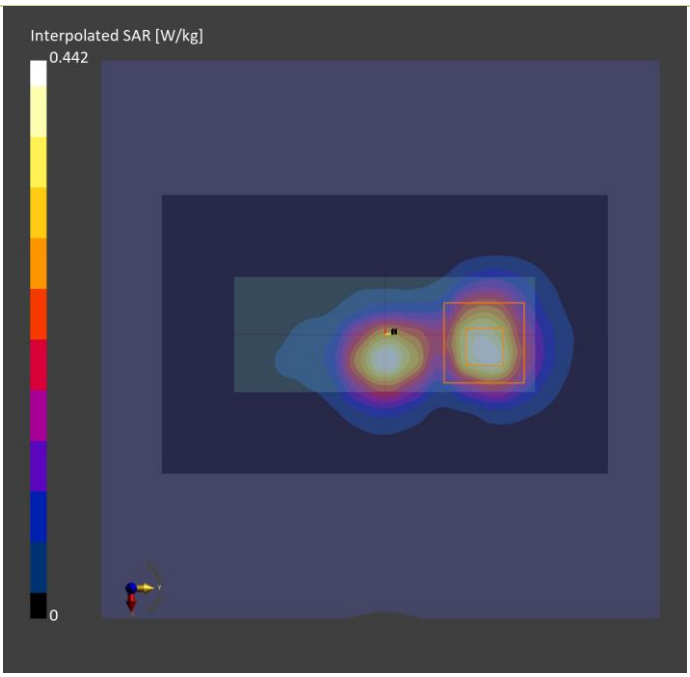
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1982	H60T72N6 , 2025-03-31	EX3DV4 - SN7554, 2024-09-17	DAE4 Sn1277, 2024-05-14

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	75.0 x 120.0	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	2025-03-31	2025-03-31
psSAR1g [W/kg]	0.338	0.317
psSAR10g [W/kg]	0.115	0.100
psAPD (1.0cm2, sq) [W/m2]		3.17
psAPD (4.0cm2, sq) [W/m2]		2.28
Power Drift [dB]	-0.17	-0.02
M2/M1 [%]		54.0
Dist 3dB Peak [mm]		8.3



Plots of Measurement

Measurement Report
P06 UNII-6_802.11ax HE160_Tip Mode_degree 90_5mm_Ch111_Ant 0+1_NSS2
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
, P24110232	81.0 x 31.0 x 5.0		

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Tip Mode_degree 90, 5.00	U-NII-6	WLAN, 10755-AAC	6505.0, 111	1.0

Hardware Setup

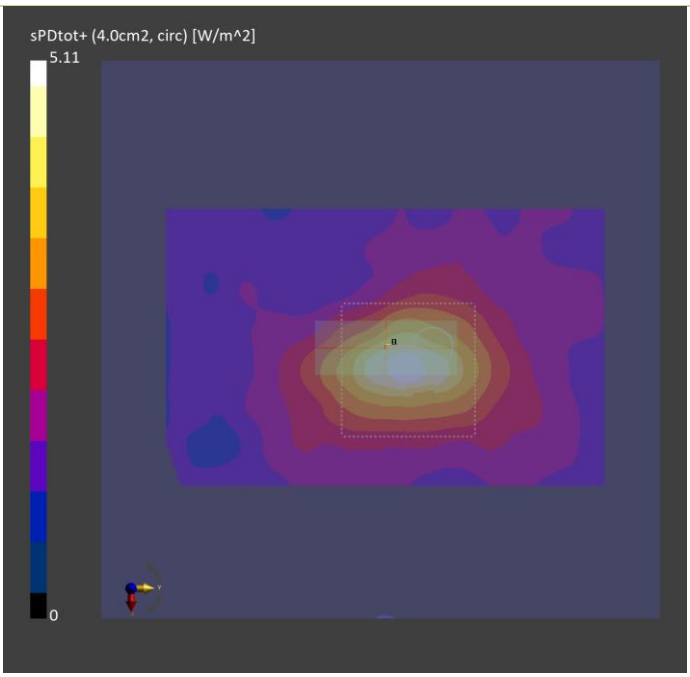
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1029	---Air	EUmmWV4 - SN9438_F1-55GHz, 2024-07-19	DAE4 Sn1277, 2024-05-14

Scan Setup

	5G Scan
Grid Extents [mm]	92.0 x 92.0
Grid Steps [lambda]	0.0542 x 0.0542
Sensor Surface [mm]	5.0

Measurement Results

	5G Scan
Date	2025-03-18
Avg. Area [cm^2]	4.00
psPDn+ [W/m^2]	2.19
psPDtot+ [W/m^2]	5.11
psPDmod+ [W/m^2]	7.80
E_{max} [V/m]	72.9
Power Drift [dB]	-0.15



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 ±5 % of the target values. Liquid temperature during the SAR testing has kept within ±2 ℃.

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. (℃)	Conductivity (σ)	Permittivity (εr)	Targeted Conductivity (σ)	Targeted Permittivity (εr)	Deviation Conductivity (σ)	Deviation Permittivity (εr)	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	21.9	1.81	39.0	1.8	39.2	0.56	-0.51	Pass	Pass	Pass	OFDM	N/A	Pass	2025/3/17	2450	52.90	2.53	50.48	-4.57	737	7736	1431	17
S02	5250	21.7	4.57	37.3	4.71	35.9	-2.97	3.90	Pass	Pass	Pass	OFDM	N/A	Pass	2025/4/25	5250	78.30	3.76	75.02	-4.19	1019	7797	1585	17
S03	5600	21.7	4.97	36.7	5.07	35.5	-1.97	3.38	Pass	Pass	Pass	OFDM	N/A	Pass	2025/4/25	5600	80.80	4.12	82.20	1.74	1019	7797	1585	17
S04	5800	21.7	5.21	36.4	5.27	35.3	-1.14	3.12	Pass	Pass	Pass	OFDM	N/A	Pass	2025/4/25	5800	78.80	3.89	77.62	-1.50	1019	7797	1585	17
S05	6500	21.9	5.85	35.5	6.07	34.5	-3.62	2.90	Pass	Pass	Pass	OFDM	N/A	Pass	2025/3/18	6500	303.00	28.8	288.00	-4.95	1008	7736	1431	20
S06	6500	22.1	6.06	35.0	6.07	34.5	-0.16	1.45	Pass	Pass	Pass	OFDM	N/A	Pass	2025/3/31	6500	303.00	29.1	291.00	-3.96	1008	7554	1277	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^2]	Distance [mm]	Target Power Density [W/m^2]	Measured Power Density [W/m^2]	Deviation [%]
S05	2025/4/1	10	9438	1025	4	10.0	55.9	51.6	-7.69%
S06	2025/4/1	10	9438	1025	4	10.0	55.9	51.6	-7.69%

Appendix D. Maximum Target Conducted Power

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

Tune-up Power (Full)					
WLAN 2.4GHz					
Mode	Channel	Frequency	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11b	1	2412	14.5	14.5	17.5
	6	2437	14.5	14.5	17.5
	11	2462	14.5	14.5	17.5
802.11g	1	2412	12.5	12.5	15.5
	6	2437	13.0	13.0	16.0
	11	2462	12.5	12.5	15.5
802.11ac VHT20	1	2412	12.0	12.0	15.0
	6	2437	12.5	12.5	15.5
	11	2462	11.5	11.5	14.5
802.11ac VHT40	3	2422	12.0	12.0	15.0
	6	2437	12.0	12.0	15.0
	9	2452	11.5	11.5	14.5
802.11ax HE20	1	2412	12.0	12.0	15.0
	6	2437	12.5	12.5	15.5
	11	2462	11.5	11.5	14.5
802.11ax HE40	3	2422	12.0	12.0	15.0
	6	2437	12.0	12.0	15.0
	9	2452	11.5	11.5	14.5
802.11be EHT20	1	2412	12.0	12.0	15.0
	6	2437	12.5	12.5	15.5
	11	2462	11.5	11.5	14.5
802.11be EHT40	3	2422	12.0	12.0	15.0
	6	2437	12.0	12.0	15.0
	9	2452	11.5	11.5	14.5

Tune-up Power (Full)					
WLAN 5.2GHz					
Mode	Channel	Frequency	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	36	5180	14.0	14.0	17.0
	40	5200	14.0	14.0	17.0
	44	5220	14.0	14.0	17.0
	48	5240	13.0	13.0	16.0
802.11ac VHT20	36	5180	13.0	13.0	16.0
	40	5200	13.5	13.5	16.5
	44	5220	13.5	13.5	16.5
	48	5240	13.5	13.5	16.5
802.11ac VHT40	38	5190	13.5	13.5	16.5
	46	5230	13.5	13.5	16.5
802.11ac VHT80	42	5210	13.0	13.0	16.0
802.11ax HE20	36	5180	13.0	13.0	16.0
	40	5200	13.5	13.5	16.5
	44	5220	13.5	13.5	16.5
	48	5240	13.5	13.5	16.5
802.11ax HE40	38	5190	13.5	13.5	16.5
	46	5230	13.5	13.5	16.5
802.11ax HE80	42	5210	13.0	13.0	16.0
802.11be EHT20	36	5180	13.0	13.0	16.0
	40	5200	13.5	13.5	16.5
	44	5220	13.5	13.5	16.5
	48	5240	13.5	13.5	16.5
802.11be EHT40	38	5190	13.5	13.5	16.5
	46	5230	13.5	13.5	16.5
802.11be EHT80	42	5210	13.0	13.0	16.0

Tune-up Power (Full)					
WLAN 5.3GHz					
Mode	Channel	Frequency	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	52	5260	13.5	13.5	16.5
	56	5280	13.5	13.5	16.5
	60	5300	14.0	14.0	17.0
	64	5320	14.0	14.0	17.0
802.11ac VHT20	52	5260	13.5	13.5	16.5
	56	5280	13.5	13.5	16.5
	60	5300	13.5	13.5	16.5
	64	5320	13.5	13.5	16.5
802.11ac VHT40	54	5270	13.5	13.5	16.5
	62	5310	13.5	13.5	16.5
802.11ac VHT80	58	5290	15.9	15.9	18.9
802.11ac VHT160	50	5250	13.5	13.5	16.5
802.11ax HE20	52	5260	13.5	13.5	16.5
	56	5280	13.5	13.5	16.5
	60	5300	13.5	13.5	16.5
	64	5320	13.5	13.5	16.5
802.11ax HE40	54	5270	13.5	13.5	16.5
	62	5310	13.5	13.5	16.5
802.11ax HE80	58	5290	15.9	15.9	18.9
802.11ax HE160	50	5250	13.5	13.5	16.5
802.11be EHT20	52	5260	13.5	13.5	16.5
	56	5280	13.5	13.5	16.5
	60	5300	13.5	13.5	16.5
	64	5320	13.5	13.5	16.5
802.11be EHT40	54	5270	13.5	13.5	16.5
	62	5310	13.5	13.5	16.5
802.11be EHT80	58	5290	15.9	15.9	18.9
802.11be EHT160	50	5250	13.5	13.5	16.5

Tune-up Power (Full)					
WLAN 5.6GHz					
Mode	Channel	Frequency	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	100	5500	14.0	14.0	17.0
	116	5580	14.0	14.0	17.0
	120	5600	13.5	13.5	16.5
	124	5620	13.5	13.5	16.5
	132	5660	13.5	13.5	16.5
	140	5700	14.0	14.0	17.0
	144	5720	14.0	14.0	17.0
802.11ac VHT20	100	5500	13.5	13.5	16.5
	116	5580	13.5	13.5	16.5
	120	5600	13.0	13.0	16.0
	124	5620	13.0	13.0	16.0
	132	5660	13.0	13.0	16.0
	140	5700	13.5	13.5	16.5
	144	5720	13.5	13.5	16.5
802.11ac VHT40	102	5510	13.5	13.5	16.5
	110	5550	13.5	13.5	16.5
	118	5590	13.0	13.0	16.0
	126	5630	13.0	13.0	16.0
	134	5670	13.5	13.5	16.5
	142	5710	13.5	13.5	16.5
802.11ac VHT80	106	5530	15.9	15.9	18.9
	122	5610	15.9	15.9	18.9
	138	5690	13.5	13.5	16.5
802.11ac VHT160	114	5570	13.5	13.5	16.5
802.11ax HE20	100	5500	13.5	13.5	16.5
	116	5580	13.5	13.5	16.5
	120	5600	13.0	13.0	16.0
	124	5620	13.0	13.0	16.0
	132	5660	13.0	13.0	16.0
	140	5700	13.5	13.5	16.5
	144	5720	13.5	13.5	16.5
802.11ax HE40	102	5510	13.5	13.5	16.5
	110	5550	13.5	13.5	16.5
	118	5590	13.0	13.0	16.0
	126	5630	13.0	13.0	16.0
	134	5670	13.5	13.5	16.5
	142	5710	13.5	13.5	16.5
802.11ax HE80	106	5530	15.9	15.9	18.9
	122	5610	15.9	15.9	18.9
	138	5690	13.5	13.5	16.5
802.11ax HE160	114	5570	13.5	13.5	16.5
802.11be EHT20	100	5500	13.5	13.5	16.5
	116	5580	13.5	13.5	16.5
	120	5600	13.0	13.0	16.0
	124	5620	13.0	13.0	16.0
	132	5660	13.0	13.0	16.0
	140	5700	13.5	13.5	16.5
	144	5720	13.5	13.5	16.5

Tune-up Power (Full)					
802.11be EHT40	102	5510	13.5	13.5	16.5
	110	5550	13.5	13.5	16.5
	118	5590	13.0	13.0	16.0
	126	5630	13.0	13.0	16.0
	134	5670	13.5	13.5	16.5
	142	5710	13.5	13.5	16.5
802.11be EHT80	106	5530	15.9	15.9	18.9
	122	5610	15.9	15.9	18.9
	138	5690	13.5	13.5	16.5
802.11be EHT160	114	5570	13.5	13.5	16.5

Tune-up Power (Full)					
WLAN 5.8GHz					
Mode	Channel	Frequency	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	149	5745	14.0	14.0	17.0
	153	5765	13.0	13.0	16.0
	157	5785	14.0	14.0	17.0
	161	5805	13.0	13.0	16.0
	165	5825	13.0	13.0	16.0
802.11ac VHT20	149	5745	13.0	13.0	16.0
	153	5765	13.0	13.0	16.0
	157	5785	13.0	13.0	16.0
	161	5805	13.0	13.0	16.0
	165	5825	12.5	12.5	15.5
802.11ac VHT40	151	5755	13.0	13.0	16.0
	159	5795	13.0	13.0	16.0
802.11ac VHT80	155	5775	15.8	15.8	18.8
802.11ax HE20	149	5745	13.0	13.0	16.0
	153	5765	13.0	13.0	16.0
	157	5785	13.0	13.0	16.0
	161	5805	13.0	13.0	16.0
	165	5825	12.5	12.5	15.5
802.11ax HE40	151	5755	13.0	13.0	16.0
	159	5795	13.0	13.0	16.0
802.11ax HE80	155	5775	15.8	15.8	18.8
802.11be EHT20	149	5745	13.0	13.0	16.0
	153	5765	13.0	13.0	16.0
	157	5785	13.0	13.0	16.0
	161	5805	13.0	13.0	16.0
	165	5825	12.5	12.5	15.5
802.11be EHT40	151	5755	13.0	13.0	16.0
	159	5795	13.0	13.0	16.0
802.11be EHT80	155	5775	15.8	15.8	18.8

Tune-up Power (Full)					
UNII-5_NSS1					
Mode	Channel	Frequency	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	1	5955	7.5	7.5	10.5
	5	5975	7.5	7.5	10.5
	9	5995	7.5	7.5	10.5
	13	6015	7.5	7.5	10.5
	17	6035	7.5	7.5	10.5
	21	6055	7.5	7.5	10.5
	25	6075	7.5	7.5	10.5
	29	6095	7.5	7.5	10.5
	33	6115	7.5	7.5	10.5
	37	6135	7.5	7.5	10.5
	41	6155	7.5	7.5	10.5
	45	6175	7.5	7.5	10.5
	49	6195	7.5	7.5	10.5
	53	6215	7.5	7.5	10.5
	57	6235	7.5	7.5	10.5
	61	6255	7.5	7.5	10.5
	65	6275	7.5	7.5	10.5
	69	6295	7.5	7.5	10.5
	73	6315	7.5	7.5	10.5
	77	6335	7.5	7.5	10.5
	81	6355	7.5	7.5	10.5
	85	6375	7.5	7.5	10.5
	89	6395	7.5	7.5	10.5
	93	6415	7.5	7.5	10.5
802.11ax HE20	1	5955	7.5	7.5	10.5
	5	5975	7.5	7.5	10.5
	9	5995	7.5	7.5	10.5
	13	6015	7.5	7.5	10.5
	17	6035	7.5	7.5	10.5
	21	6055	7.5	7.5	10.5
	25	6075	7.5	7.5	10.5
	29	6095	7.5	7.5	10.5
	33	6115	7.5	7.5	10.5
	37	6135	7.5	7.5	10.5
	41	6155	7.5	7.5	10.5
	45	6175	7.5	7.5	10.5
	49	6195	7.5	7.5	10.5
	53	6215	7.5	7.5	10.5
	57	6235	7.5	7.5	10.5
	61	6255	7.5	7.5	10.5
	65	6275	7.5	7.5	10.5
	69	6295	7.5	7.5	10.5
	73	6315	7.5	7.5	10.5
	77	6335	7.5	7.5	10.5
	81	6355	7.5	7.5	10.5
	85	6375	7.5	7.5	10.5
	89	6395	7.5	7.5	10.5
	93	6415	7.5	7.5	10.5

Tune-up Power (Full)					
802.11ax HE40	3	5965	10.0	10.0	13.0
	11	6005	10.0	10.0	13.0
	19	6045	10.0	10.0	13.0
	27	6085	10.0	10.0	13.0
	35	6125	10.0	10.0	13.0
	43	6165	10.0	10.0	13.0
	51	6205	10.0	10.0	13.0
	59	6245	10.0	10.0	13.0
	67	6285	10.0	10.0	13.0
	75	6325	10.0	10.0	13.0
	83	6365	10.0	10.0	13.0
	91	6405	10.0	10.0	13.0
802.11ax HE80	7	5985	12.5	12.5	15.5
	23	6065	12.5	12.5	15.5
	39	6145	12.5	12.5	15.5
	55	6225	12.5	12.5	15.5
	71	6305	12.5	12.5	15.5
	87	6385	12.5	12.5	15.5
802.11ax HE160	15	6025	12.5	12.5	15.5
	47	6185	12.5	12.5	15.5
	79	6345	12.5	12.5	15.5

Tune-up Power (Full)					
UNII-5_NSS1					
Mode	Channel	Frequency	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11be EHT20	1	5955	7.5	7.5	10.5
	5	5975	7.5	7.5	10.5
	9	5995	7.5	7.5	10.5
	13	6015	7.5	7.5	10.5
	17	6035	7.5	7.5	10.5
	21	6055	7.5	7.5	10.5
	25	6075	7.5	7.5	10.5
	29	6095	7.5	7.5	10.5
	33	6115	7.5	7.5	10.5
	37	6135	7.5	7.5	10.5
	41	6155	7.5	7.5	10.5
	45	6175	7.5	7.5	10.5
	49	6195	7.5	7.5	10.5
	53	6215	7.5	7.5	10.5
	57	6235	7.5	7.5	10.5
	61	6255	7.5	7.5	10.5
	65	6275	7.5	7.5	10.5
	69	6295	7.5	7.5	10.5
	73	6315	7.5	7.5	10.5
	77	6335	7.5	7.5	10.5
	81	6355	7.5	7.5	10.5
	85	6375	7.5	7.5	10.5
	89	6395	7.5	7.5	10.5
	93	6415	7.5	7.5	10.5
802.11be EHT40	3	5965	10.0	10.0	13.0
	11	6005	10.0	10.0	13.0
	19	6045	10.0	10.0	13.0
	27	6085	10.0	10.0	13.0
	35	6125	10.0	10.0	13.0
	43	6165	10.0	10.0	13.0
	51	6205	10.0	10.0	13.0
	59	6245	10.0	10.0	13.0
	67	6285	10.0	10.0	13.0
	75	6325	10.0	10.0	13.0
	83	6365	10.0	10.0	13.0
	91	6405	10.0	10.0	13.0
802.11be EHT80	7	5985	12.5	12.5	15.5
	23	6065	12.5	12.5	15.5
	39	6145	12.5	12.5	15.5
	55	6225	12.5	12.5	15.5
	71	6305	12.5	12.5	15.5
	87	6385	12.5	12.5	15.5
802.11be EHT160	15	6025	12.5	12.5	15.5
	47	6185	12.5	12.5	15.5
	79	6345	12.5	12.5	15.5

Tune-up Power (Full)					
UNII-6_NSS1					
Mode	Channel	Frequency	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	97	6435	7.5	7.5	10.5
	101	6455	7.5	7.5	10.5
	105	6475	7.5	7.5	10.5
	109	6495	7.5	7.5	10.5
	113	6515	7.5	7.5	10.5
802.11ax HE20	97	6435	7.5	7.5	10.5
	101	6455	7.5	7.5	10.5
	105	6475	7.5	7.5	10.5
	109	6495	7.5	7.5	10.5
	113	6515	7.5	7.5	10.5
802.11ax HE40	99	6445	10.0	10.0	13.0
	107	6485	10.0	10.0	13.0
	115	6525	10.0	10.0	13.0
802.11ax HE80	103	6465	12.5	12.5	15.5
	119	6545	12.5	12.5	15.5
802.11ax HE160	111	6505	12.5	12.5	15.5
802.11be EHT20	97	6435	7.5	7.5	10.5
	101	6455	7.5	7.5	10.5
	105	6475	7.5	7.5	10.5
	109	6495	7.5	7.5	10.5
	113	6515	7.5	7.5	10.5
802.11be EHT40	99	6445	10.0	10.0	13.0
	107	6485	10.0	10.0	13.0
	115	6525	10.0	10.0	13.0
802.11be EHT80	103	6465	12.5	12.5	15.5
	119	6545	12.5	12.5	15.5
802.11be EHT160	111	6505	12.5	12.5	15.5

Tune-up Power (Full)					
UNII-7_NSS1					
Mode	Channel	Frequency	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	117	6535	7.5	7.5	10.5
	121	6555	7.5	7.5	10.5
	125	6575	7.5	7.5	10.5
	129	6595	7.5	7.5	10.5
	133	6615	7.5	7.5	10.5
	137	6635	7.5	7.5	10.5
	141	6655	7.5	7.5	10.5
	145	6675	7.5	7.5	10.5
	149	6695	7.5	7.5	10.5
	153	6715	7.5	7.5	10.5
	157	6735	7.5	7.5	10.5
	161	6755	7.5	7.5	10.5
	165	6775	7.5	7.5	10.5
	169	6795	7.5	7.5	10.5
	173	6815	7.5	7.5	10.5
	177	6835	7.5	7.5	10.5
	181	6855	7.5	7.5	10.5
802.11ax HE20	117	6535	7.5	7.5	10.5
	121	6555	7.5	7.5	10.5
	125	6575	7.5	7.5	10.5
	129	6595	7.5	7.5	10.5
	133	6615	7.5	7.5	10.5
	137	6635	7.5	7.5	10.5
	141	6655	7.5	7.5	10.5
	145	6675	7.5	7.5	10.5
	149	6695	7.5	7.5	10.5
	153	6715	7.5	7.5	10.5
	157	6735	7.5	7.5	10.5
	161	6755	7.5	7.5	10.5
	165	6775	7.5	7.5	10.5
	169	6795	7.5	7.5	10.5
	173	6815	7.5	7.5	10.5
	177	6835	7.5	7.5	10.5
	181	6855	7.5	7.5	10.5
802.11ax HE40	123	6565	10.0	10.0	13.0
	131	6605	10.0	10.0	13.0
	139	6645	10.0	10.0	13.0
	147	6685	10.0	10.0	13.0
	155	6725	10.0	10.0	13.0
	163	6765	10.0	10.0	13.0
	171	6805	10.0	10.0	13.0
	179	6845	10.0	10.0	13.0
	187	6885	10.0	10.0	13.0
802.11ax HE80	135	6625	12.5	12.5	15.5
	151	6705	12.5	12.5	15.5
	167	6785	12.5	12.5	15.5
	183	6865	12.5	12.5	15.5
802.11ax HE160	143	6665	12.5	12.5	15.5
	175	6825	12.5	12.5	15.5

Tune-up Power (Full)					
UNII-7_NSS1					
Mode	Channel	Frequency	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11be EHT20	117	6535	7.5	7.5	10.5
	121	6555	7.5	7.5	10.5
	125	6575	7.5	7.5	10.5
	129	6595	7.5	7.5	10.5
	133	6615	7.5	7.5	10.5
	137	6635	7.5	7.5	10.5
	141	6655	7.5	7.5	10.5
	145	6675	7.5	7.5	10.5
	149	6695	7.5	7.5	10.5
	153	6715	7.5	7.5	10.5
	157	6735	7.5	7.5	10.5
	161	6755	7.5	7.5	10.5
	165	6775	7.5	7.5	10.5
	169	6795	7.5	7.5	10.5
	173	6815	7.5	7.5	10.5
	177	6835	7.5	7.5	10.5
	181	6855	7.5	7.5	10.5
802.11be EHT40	123	6565	10.0	10.0	13.0
	131	6605	10.0	10.0	13.0
	139	6645	10.0	10.0	13.0
	147	6685	10.0	10.0	13.0
	155	6725	10.0	10.0	13.0
	163	6765	10.0	10.0	13.0
	171	6805	10.0	10.0	13.0
	179	6845	10.0	10.0	13.0
	187	6885	10.0	10.0	13.0
802.11be EHT80	135	6625	12.5	12.5	15.5
	151	6705	12.5	12.5	15.5
	167	6785	12.5	12.5	15.5
	183	6865	12.5	12.5	15.5
802.11be EHT160	143	6665	12.5	12.5	15.5
	175	6825	12.5	12.5	15.5

Tune-up Power (Full)					
UNII-8_NSS1					
Mode	Channel	Frequency	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	185	6875	7.5	7.5	10.5
	189	6895	7.5	7.5	10.5
	193	6915	7.5	7.5	10.5
	197	6935	7.5	7.5	10.5
	201	6955	7.5	7.5	10.5
	205	6975	7.5	7.5	10.5
	209	6995	7.5	7.5	10.5
	213	7015	7.5	7.5	10.5
	217	7035	7.5	7.5	10.5
	221	7055	7.5	7.5	10.5
	225	7075	7.5	7.5	10.5
	229	7095	7.5	7.5	10.5
	233	7115	7.5	7.5	10.5
802.11ax HE20	185	6875	7.5	7.5	10.5
	189	6895	7.5	7.5	10.5
	193	6915	7.5	7.5	10.5
	197	6935	7.5	7.5	10.5
	201	6955	7.5	7.5	10.5
	205	6975	7.5	7.5	10.5
	209	6995	7.5	7.5	10.5
	213	7015	7.5	7.5	10.5
	217	7035	7.5	7.5	10.5
	221	7055	7.5	7.5	10.5
	225	7075	7.5	7.5	10.5
	229	7095	7.5	7.5	10.5
	233	7115	7.5	7.5	10.5
802.11ax HE40	195	6925	10.0	10.0	13.0
	203	6965	10.0	10.0	13.0
	211	7005	10.0	10.0	13.0
	219	7045	10.0	10.0	13.0
	227	7085	10.0	10.0	13.0
802.11ax HE80	199	6945	12.5	12.5	15.5
	215	7025	12.5	12.5	15.5
802.11ax HE160	207	6985	12.5	12.5	15.5
802.11be EHT20	185	6875	7.5	7.5	10.5
	189	6895	7.5	7.5	10.5
	193	6915	7.5	7.5	10.5
	197	6935	7.5	7.5	10.5
	201	6955	7.5	7.5	10.5
	205	6975	7.5	7.5	10.5
	209	6995	7.5	7.5	10.5
	213	7015	7.5	7.5	10.5
	217	7035	7.5	7.5	10.5
	221	7055	7.5	7.5	10.5
	225	7075	7.5	7.5	10.5
	229	7095	7.5	7.5	10.5
	233	7115	7.5	7.5	10.5
802.11be EHT40	195	6925	10.0	10.0	13.0
	203	6965	10.0	10.0	13.0
	211	7005	10.0	10.0	13.0
	219	7045	10.0	10.0	13.0
	227	7085	10.0	10.0	13.0

Tune-up Power (Full)					
802.11be EHT80	199	6945	12.5	12.5	15.5
	215	7025	12.5	12.5	15.5
802.11be EHT160	207	6985	12.5	12.5	15.5

Tune-up Power (Full)					
UNII-5_NSS2					
Mode	Channel	Frequency	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11ax HE20	1	5955	9.0	9.0	12.0
	5	5975	9.0	9.0	12.0
	9	5995	9.0	9.0	12.0
	13	6015	9.0	9.0	12.0
	17	6035	9.0	9.0	12.0
	21	6055	9.0	9.0	12.0
	25	6075	9.0	9.0	12.0
	29	6095	9.0	9.0	12.0
	33	6115	9.0	9.0	12.0
	37	6135	9.0	9.0	12.0
	41	6155	9.0	9.0	12.0
	45	6175	9.0	9.0	12.0
	49	6195	9.0	9.0	12.0
	53	6215	9.0	9.0	12.0
	57	6235	9.0	9.0	12.0
	61	6255	9.0	9.0	12.0
	65	6275	9.0	9.0	12.0
	69	6295	9.0	9.0	12.0
	73	6315	9.0	9.0	12.0
	77	6335	9.0	9.0	12.0
	81	6355	9.0	9.0	12.0
	85	6375	9.0	9.0	12.0
	89	6395	9.0	9.0	12.0
	93	6415	9.0	9.0	12.0
802.11ax HE40	3	5965	11.5	11.5	14.5
	11	6005	11.5	11.5	14.5
	19	6045	11.5	11.5	14.5
	27	6085	11.5	11.5	14.5
	35	6125	11.5	11.5	14.5
	43	6165	11.5	11.5	14.5
	51	6205	11.5	11.5	14.5
	59	6245	11.5	11.5	14.5
	67	6285	11.5	11.5	14.5
	75	6325	11.5	11.5	14.5
	83	6365	11.5	11.5	14.5
	91	6405	11.5	11.5	14.5
802.11ax HE80	7	5985	12.5	12.5	15.5
	23	6065	12.5	12.5	15.5
	39	6145	12.5	12.5	15.5
	55	6225	12.5	12.5	15.5
	71	6305	12.5	12.5	15.5
	87	6385	12.5	12.5	15.5
802.11ax HE160	15	6025	12.5	12.5	15.5
	47	6185	12.5	12.5	15.5
	79	6345	12.5	12.5	15.5

Tune-up Power (Full)					
UNII-5_NSS2					
Mode	Channel	Frequency	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11be EHT20	1	5955	9.0	9.0	12.0
	5	5975	9.0	9.0	12.0
	9	5995	9.0	9.0	12.0
	13	6015	9.0	9.0	12.0
	17	6035	9.0	9.0	12.0
	21	6055	9.0	9.0	12.0
	25	6075	9.0	9.0	12.0
	29	6095	9.0	9.0	12.0
	33	6115	9.0	9.0	12.0
	37	6135	9.0	9.0	12.0
	41	6155	9.0	9.0	12.0
	45	6175	9.0	9.0	12.0
	49	6195	9.0	9.0	12.0
	53	6215	9.0	9.0	12.0
	57	6235	9.0	9.0	12.0
	61	6255	9.0	9.0	12.0
	65	6275	9.0	9.0	12.0
	69	6295	9.0	9.0	12.0
	73	6315	9.0	9.0	12.0
	77	6335	9.0	9.0	12.0
	81	6355	9.0	9.0	12.0
	85	6375	9.0	9.0	12.0
	89	6395	9.0	9.0	12.0
	93	6415	9.0	9.0	12.0
802.11be EHT40	3	5965	11.5	11.5	14.5
	11	6005	11.5	11.5	14.5
	19	6045	11.5	11.5	14.5
	27	6085	11.5	11.5	14.5
	35	6125	11.5	11.5	14.5
	43	6165	11.5	11.5	14.5
	51	6205	11.5	11.5	14.5
	59	6245	11.5	11.5	14.5
	67	6285	11.5	11.5	14.5
	75	6325	11.5	11.5	14.5
	83	6365	11.5	11.5	14.5
	91	6405	11.5	11.5	14.5
802.11be EHT80	7	5985	12.5	12.5	15.5
	23	6065	12.5	12.5	15.5
	39	6145	12.5	12.5	15.5
	55	6225	12.5	12.5	15.5
	71	6305	12.5	12.5	15.5
	87	6385	12.5	12.5	15.5
802.11be EHT160	15	6025	12.5	12.5	15.5
	47	6185	12.5	12.5	15.5
	79	6345	12.5	12.5	15.5

Tune-up Power (Full)					
UNII-6_NSS2					
Mode	Channel	Frequency	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11ax HE20	97	6435	9.0	9.0	12.0
	101	6455	9.0	9.0	12.0
	105	6475	9.0	9.0	12.0
	109	6495	9.0	9.0	12.0
	113	6515	9.0	9.0	12.0
802.11ax HE40	99	6445	11.0	11.0	14.0
	107	6485	11.0	11.0	14.0
	115	6525	11.0	11.0	14.0
802.11ax HE80	103	6465	12.5	12.5	15.5
	119	6545	12.5	12.5	15.5
802.11ax HE160	111	6505	12.5	12.5	15.5
802.11be EHT20	97	6435	9.0	9.0	12.0
	101	6455	9.0	9.0	12.0
	105	6475	9.0	9.0	12.0
	109	6495	9.0	9.0	12.0
	113	6515	9.0	9.0	12.0
802.11be EHT40	99	6445	11.0	11.0	14.0
	107	6485	11.0	11.0	14.0
	115	6525	11.0	11.0	14.0
802.11be EHT80	103	6465	12.5	12.5	15.5
	119	6545	12.5	12.5	15.5
802.11be EHT160	111	6505	12.5	12.5	15.5

Tune-up Power (Full)					
UNII-7_NSS2					
Mode	Channel	Frequency	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11ax HE20	117	6535	9.0	9.0	12.0
	121	6555	9.0	9.0	12.0
	125	6575	9.0	9.0	12.0
	129	6595	9.0	9.0	12.0
	133	6615	9.0	9.0	12.0
	137	6635	9.0	9.0	12.0
	141	6655	9.0	9.0	12.0
	145	6675	9.0	9.0	12.0
	149	6695	9.0	9.0	12.0
	153	6715	9.0	9.0	12.0
	157	6735	9.0	9.0	12.0
	161	6755	9.0	9.0	12.0
	165	6775	9.0	9.0	12.0
	169	6795	9.0	9.0	12.0
	173	6815	9.0	9.0	12.0
	177	6835	9.0	9.0	12.0
	181	6855	9.0	9.0	12.0
802.11ax HE40	123	6565	11.0	11.0	14.0
	131	6605	11.0	11.0	14.0
	139	6645	11.0	11.0	14.0
	147	6685	11.0	11.0	14.0
	155	6725	11.0	11.0	14.0
	163	6765	11.0	11.0	14.0
	171	6805	11.0	11.0	14.0
	179	6845	11.0	11.0	14.0
	187	6885	11.0	11.0	14.0
802.11ax HE80	135	6625	12.5	12.5	15.5
	151	6705	12.5	12.5	15.5
	167	6785	12.5	12.5	15.5
	183	6865	12.5	12.5	15.5
802.11ax HE160	143	6665	12.5	12.5	15.5
	175	6825	12.5	12.5	15.5

Tune-up Power (Full)					
UNII-7_NSS2					
Mode	Channel	Frequency	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11be EHT20	117	6535	9.0	9.0	12.0
	121	6555	9.0	9.0	12.0
	125	6575	9.0	9.0	12.0
	129	6595	9.0	9.0	12.0
	133	6615	9.0	9.0	12.0
	137	6635	9.0	9.0	12.0
	141	6655	9.0	9.0	12.0
	145	6675	9.0	9.0	12.0
	149	6695	9.0	9.0	12.0
	153	6715	9.0	9.0	12.0
	157	6735	9.0	9.0	12.0
	161	6755	9.0	9.0	12.0
	165	6775	9.0	9.0	12.0
	169	6795	9.0	9.0	12.0
	173	6815	9.0	9.0	12.0
	177	6835	9.0	9.0	12.0
	181	6855	9.0	9.0	12.0
802.11be EHT40	123	6565	11.0	11.0	14.0
	131	6605	11.0	11.0	14.0
	139	6645	11.0	11.0	14.0
	147	6685	11.0	11.0	14.0
	155	6725	11.0	11.0	14.0
	163	6765	11.0	11.0	14.0
	171	6805	11.0	11.0	14.0
	179	6845	11.0	11.0	14.0
	187	6885	11.0	11.0	14.0
802.11be EHT80	135	6625	12.5	12.5	15.5
	151	6705	12.5	12.5	15.5
	167	6785	12.5	12.5	15.5
	183	6865	12.5	12.5	15.5
802.11be EHT160	143	6665	12.5	12.5	15.5
	175	6825	12.5	12.5	15.5

Tune-up Power (Full)					
UNII-8_NSS2					
Mode	Channel	Frequency	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11ax HE20	185	6875	8.5	8.5	11.5
	189	6895	8.5	8.5	11.5
	193	6915	8.5	8.5	11.5
	197	6935	8.5	8.5	11.5
	201	6955	8.5	8.5	11.5
	205	6975	8.5	8.5	11.5
	209	6995	8.5	8.5	11.5
	213	7015	8.5	8.5	11.5
	217	7035	8.5	8.5	11.5
	221	7055	8.5	8.5	11.5
	225	7075	8.5	8.5	11.5
	229	7095	8.5	8.5	11.5
	233	7115	-0.5	-0.5	2.5
802.11ax HE40	195	6925	11.0	11.0	14.0
	203	6965	11.0	11.0	14.0
	211	7005	11.0	11.0	14.0
	219	7045	11.0	11.0	14.0
	227	7085	11.0	11.0	14.0
802.11ax HE80	199	6945	12.5	12.5	15.5
	215	7025	12.5	12.5	15.5
802.11ax HE160	207	6985	12.5	12.5	15.5
802.11be EHT20	185	6875	8.5	8.5	11.5
	189	6895	8.5	8.5	11.5
	193	6915	8.5	8.5	11.5
	197	6935	8.5	8.5	11.5
	201	6955	8.5	8.5	11.5
	205	6975	8.5	8.5	11.5
	209	6995	8.5	8.5	11.5
	213	7015	8.5	8.5	11.5
	217	7035	8.5	8.5	11.5
	221	7055	8.5	8.5	11.5
	225	7075	8.5	8.5	11.5
	229	7095	8.5	8.5	11.5
	233	7115	-0.5	-0.5	2.5
802.11be EHT40	195	6925	11.0	11.0	14.0
	203	6965	11.0	11.0	14.0
	211	7005	11.0	11.0	14.0
	219	7045	11.0	11.0	14.0
	227	7085	11.0	11.0	14.0
802.11be EHT80	199	6945	12.5	12.5	15.5
	215	7025	12.5	12.5	15.5
802.11be EHT160	207	6985	12.5	12.5	15.5

Appendix E. Measured Conducted Power Result

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

Conducted Power (Full)					
WLAN2.4GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11b	1	2412	12.81	13.02	15.93
	6	2437	12.89	13.02	15.97
	11	2462	12.51	12.55	15.54
802.11g	1	2412	12.32	12.25	15.30
	6	2437	12.85	12.89	15.88
	11	2462	12.09	12.19	15.15
802.11ac VHT20	1	2412	11.42	11.3	14.37
	6	2437	12.08	12.06	15.08
	11	2462	11.14	11.22	14.19
802.11ac VHT40	3	2422	11.56	11.37	14.48
	6	2437	11.47	11.65	14.57
	9	2452	11.28	11.36	14.33
802.11ax HE20	1	2412	11.48	11.36	14.43
	6	2437	12.09	12.03	15.07
	11	2462	11.15	11.22	14.20
802.11ax HE40	3	2422	11.52	11.42	14.48
	6	2437	11.53	11.71	14.63
	9	2452	11.25	11.37	14.32
802.11be EHT20	1	2412	11.49	11.39	14.45
	6	2437	12.15	12.11	15.14
	11	2462	11.19	11.25	14.23
802.11be EHT40	3	2422	11.58	11.45	14.53
	6	2437	11.55	11.72	14.65
	9	2452	11.32	11.39	14.37

Conducted Power (Full)					
WLAN 5.2GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11a	36	5180	13.58	13.52	16.56
	40	5200	13.64	13.62	16.64
	44	5220	13.54	13.5	16.53
	48	5240	12.66	12.55	15.62
802.11ac VHT20	36	5180	12.8	12.76	15.79
	40	5200	12.78	12.81	15.81
	44	5220	12.98	12.83	15.92
	48	5240	13.27	12.86	16.08
802.11ac VHT40	38	5190	12.9	13	15.96
	46	5230	12.94	12.77	15.87
802.11ac VHT80	42	5210	12.72	12.76	15.75
802.11ax HE20	36	5180	12.8	12.83	15.83
	40	5200	12.82	12.81	15.83
	44	5220	13.08	12.81	15.96
	48	5240	13.24	12.84	16.05
802.11ax HE40	38	5190	12.92	12.99	15.97
	46	5230	12.88	12.78	15.84
802.11ax HE80	42	5210	12.73	12.82	15.79
802.11be EHT20	36	5180	12.87	12.85	15.87
	40	5200	12.85	12.86	15.87
	44	5220	13.12	12.88	16.01
	48	5240	13.32	12.89	16.12
802.11be EHT40	38	5190	12.98	13.05	16.03
	46	5230	12.96	12.85	15.92
802.11be EHT80	42	5210	12.75	12.83	15.8

Conducted Power (Full)					
WLAN 5.3GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11a	52	5260	13.36	13.21	16.3
	56	5280	13.44	13.35	16.41
	60	5300	13.77	13.82	16.81
	64	5320	13.88	13.94	16.92
802.11ac VHT20	52	5260	13.2	13	16.11
	56	5280	13.1	13.02	16.07
	60	5300	12.94	13.05	16.01
	64	5320	13.19	13.28	16.25
802.11ac VHT40	54	5270	12.97	13	16
	62	5310	12.97	13.06	16.03
802.11ac VHT80	58	5290	14.04	13.8	16.93
802.11ac VHT160	50	5250	13.5	13.23	16.38
802.11ax HE20	52	5260	13.2	13	16.11
	56	5280	13.11	13.01	16.07
	60	5300	12.94	13.05	16.01
	64	5320	13.16	13.22	16.2
802.11ax HE40	54	5270	13.04	13.06	16.06
	62	5310	13	13.06	16.04
802.11ax HE80	58	5290	13.98	13.84	16.92
802.11ax HE160	50	5250	13.54	13.24	16.4
802.11be EHT20	52	5260	13.22	13.08	16.16
	56	5280	13.1	13.04	16.08
	60	5300	13.02	13.12	16.08
	64	5320	13.23	13.31	16.28
802.11be EHT40	54	5270	13.05	13.07	16.07
	62	5310	13.04	13.15	16.11
802.11be EHT80	58	5290	14.05	13.86	16.97
802.11be EHT160	50	5250	13.58	13.28	16.44

Conducted Power (Full)					
WLAN 5.6GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11a	100	5500	13.88	13.92	16.91
	116	5580	13.68	13.98	16.84
	120	5600	13.22	13.14	16.19
	124	5620	13.2	13.1	16.16
	132	5660	13.24	13.15	16.21
	140	5700	13.75	13.88	16.83
	144	5720	13.92	13.85	16.9
802.11ac VHT20	100	5500	12.95	13.06	16.02
	116	5580	12.82	13.34	16.1
	120	5600	12.77	12.68	15.74
	124	5620	12.67	12.62	15.66
	132	5660	12.61	12.6	15.62
	140	5700	12.94	13.02	15.99
	144	5720	12.99	13.12	16.07
802.11ac VHT40	102	5510	12.66	12.9	15.79
	110	5550	12.73	13.12	15.94
	118	5590	12.7	12.66	15.69
	126	5630	12.59	12.53	15.57
	134	5670	12.5	12.61	15.57
	142	5710	12.9	13.02	15.97
802.11ac VHT80	106	5530	13.91	13.95	16.94
	122	5610	13.63	14.18	16.92
	138	5690	13.33	13.45	16.4
802.11ac VHT160	114	5570	13.16	13.6	16.4
802.11ax HE20	100	5500	12.9	13.07	16
	116	5580	12.83	13.4	16.13
	120	5600	12.81	12.75	15.79
	124	5620	12.74	12.67	15.72
	132	5660	12.75	12.6	15.69
	140	5700	12.9	12.98	15.95
	144	5720	13.04	13.14	16.1
802.11ax HE40	102	5510	12.66	12.87	15.78
	110	5550	12.69	13.11	15.92
	118	5590	12.54	12.5	15.53
	126	5630	12.51	12.48	15.51
	134	5670	12.52	12.56	15.55
	142	5710	12.92	13.01	15.98
802.11ax HE80	106	5530	13.89	13.97	16.94
	122	5610	13.59	14.23	16.93
	138	5690	13.34	13.5	16.43
802.11ax HE160	114	5570	13.15	13.54	16.36
802.11be EHT20	100	5500	12.96	13.09	16.04
	116	5580	12.88	13.42	16.17
	120	5600	12.74	12.67	15.72
	124	5620	12.8	12.69	15.76
	132	5660	12.71	12.67	15.7
	140	5700	12.98	13.05	16.03
	144	5720	13.05	13.15	16.11

Conducted Power (Full)					
802.11be EHT40	102	5510	12.72	12.92	15.83
	110	5550	12.77	13.15	15.97
	118	5590	12.76	12.65	15.72
	126	5630	12.76	12.63	15.71
	134	5670	12.58	12.62	15.61
	142	5710	12.95	13.05	16.01
802.11be EHT80	106	5530	13.92	14.02	16.98
	122	5610	13.67	14.24	16.97
	138	5690	13.39	13.53	16.47
802.11be EHT160	114	5570	13.18	13.61	16.41

Conducted Power (Full)					
WLAN 5.8GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11a	149	5745	13.55	13.68	16.63
	153	5765	12.49	12.45	15.48
	157	5785	13.56	13.92	16.75
	161	5805	12.51	12.48	15.51
	165	5825	12.49	12.77	15.64
802.11ac VHT20	149	5745	12.65	12.74	15.71
	153	5765	12.53	12.89	15.72
	157	5785	12.52	13.03	15.79
	161	5805	12.46	12.61	15.55
	165	5825	11.99	12	15.01
802.11ac VHT40	151	5755	12.64	12.74	15.7
	159	5795	12.51	12.81	15.67
802.11ac VHT80	155	5775	13.78	13.98	16.89
802.11ax HE20	149	5745	12.63	12.66	15.66
	153	5765	12.5	12.71	15.62
	157	5785	12.53	13	15.78
	161	5805	12.62	12.66	15.65
	165	5825	11.94	12.01	14.99
802.11ax HE40	151	5755	12.66	12.69	15.69
	159	5795	12.53	12.77	15.66
802.11ax HE80	155	5775	13.78	14.05	16.93
802.11be EHT20	149	5745	12.67	12.75	15.72
	153	5765	12.64	12.78	15.72
	157	5785	12.59	13.05	15.84
	161	5805	12.56	13	15.8
	165	5825	12.02	12.05	15.05
802.11be EHT40	151	5755	12.69	12.75	15.73
	159	5795	12.55	12.85	15.71
802.11be EHT80	155	5775	13.83	14.06	16.96

Conducted Power (Full)					
UNII-5 Ant 0+1_NSS1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11a	1	5955	6.92	7.44	10.2
	5	5975	6.99	7.14	10.08
	9	5995	7.35	7.12	10.25
	13	6015	6.87	6.87	9.88
	17	6035	7.07	7.11	10.1
	21	6055	6.96	6.96	9.97
	25	6075	6.91	6.98	9.96
	29	6095	7.25	7	10.14
	33	6115	6.98	6.91	9.96
	37	6135	7.02	6.86	9.95
	41	6155	7	7.09	10.06
	45	6175	7.18	7.35	10.28
	49	6195	6.9	7.01	9.97
	53	6215	6.87	7.33	10.12
	57	6235	6.85	6.87	9.87
	61	6255	7.24	6.9	10.08
	65	6275	7.35	7	10.19
	69	6295	7.18	6.92	10.06
	73	6315	7.29	7.05	10.18
	77	6335	6.94	7.05	10.01
	81	6355	6.91	6.91	9.92
	85	6375	7.25	7.25	10.26
	89	6395	6.9	7.02	9.97
	93	6415	7.12	7.34	10.24
802.11ax HE20	1	5955	7.03	7.48	10.27
	5	5975	7.2	7.22	10.22
	9	5995	7.19	7.08	10.15
	13	6015	6.94	6.92	9.94
	17	6035	7.31	7.09	10.21
	21	6055	6.99	7.13	10.07
	25	6075	7.04	6.86	9.96
	29	6095	7.09	7.21	10.16
	33	6115	7.3	7.2	10.26
	37	6135	7.33	6.91	10.14
	41	6155	7.18	7.34	10.27
	45	6175	7.2	7.61	10.42
	49	6195	7.23	7.08	10.17
	53	6215	7.11	6.87	10
	57	6235	6.98	7.34	10.17
	61	6255	7.35	7.34	10.36
	65	6275	7.11	6.93	10.03
	69	6295	7.28	7.08	10.19
	73	6315	7.17	7.12	10.16
	77	6335	6.87	7.14	10.02
	81	6355	7.24	7.23	10.25
	85	6375	6.96	7.17	10.08
	89	6395	6.95	7.16	10.07
	93	6415	7.14	7.53	10.35

Conducted Power (Full)					
802.11ax HE40	3	5965	9.28	9.57	12.44
	11	6005	9.71	9.8	12.77
	19	6045	9.45	9.59	12.53
	27	6085	9.85	9.55	12.71
	35	6125	9.65	9.56	12.62
	43	6165	9.27	9.7	12.5
	51	6205	9.53	9.78	12.67
	59	6245	9.44	9.61	12.54
	67	6285	9.63	9.51	12.58
	75	6325	9.77	9.57	12.68
	83	6365	9.56	9.71	12.65
	91	6405	9.18	9.72	12.47
802.11ax HE80	7	5985	12.28	12.54	15.42
	23	6065	12.18	11.93	15.07
	39	6145	12.22	12.51	15.38
	55	6225	11.95	12.09	15.03
	71	6305	12.03	12.04	15.05
	87	6385	12.35	12.31	15.34
802.11ax HE160	15	6025	12.24	12.51	15.39
	47	6185	12.36	12.52	15.45
	79	6345	12.26	12.44	15.36

Conducted Power (Full)					
UNII-5 Ant 0+1_NSS1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11be EHT20	1	5955	7.05	7.52	10.3
	5	5975	7.3	7.13	10.23
	9	5995	7.15	7.18	10.18
	13	6015	6.95	7.08	10.03
	17	6035	7.3	7.29	10.31
	21	6055	7.32	7.03	10.19
	25	6075	7.29	7.08	10.2
	29	6095	7.27	7.07	10.18
	33	6115	7.01	6.88	9.96
	37	6135	7.24	6.93	10.1
	41	6155	7.23	7.24	10.25
	45	6175	7.25	7.62	10.45
	49	6195	7.11	6.89	10.01
	53	6215	7.19	7.15	10.18
	57	6235	7.1	6.87	10
	61	6255	7.15	6.87	10.02
	65	6275	7.24	7.31	10.29
	69	6295	7.11	7.09	10.11
	73	6315	7.2	7.06	10.14
	77	6335	7.2	7.19	10.21
	81	6355	7.05	7.3	10.19
	85	6375	6.89	7.27	10.09
	89	6395	7.27	7.14	10.22
	93	6415	7.22	7.56	10.4
802.11be EHT40	3	5965	9.32	9.61	12.48
	11	6005	9.8	9.38	12.61
	19	6045	9.79	9.65	12.73
	27	6085	9.7	9.79	12.76
	35	6125	9.47	9.79	12.64
	43	6165	9.32	9.77	12.56
	51	6205	9.57	9.63	12.61
	59	6245	9.39	9.4	12.41
	67	6285	9.38	9.69	12.55
	75	6325	9.51	9.85	12.69
	83	6365	9.69	9.69	12.7
	91	6405	9.26	9.74	12.52
802.11be EHT80	7	5985	12.36	12.58	15.48
	23	6065	12.22	12.25	15.25
	39	6145	12.26	12.56	15.42
	55	6225	11.95	11.91	14.94
	71	6305	12.35	12.2	15.29
	87	6385	12.4	12.37	15.4
802.11be EHT160	15	6025	12.33	12.53	15.44
	47	6185	12.41	12.55	15.49
	79	6345	12.31	12.48	15.41

Conducted Power (Full)					
UNII-6 Ant 0+1_NSS1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11a	97	6435	7.16	7.22	10.2
	101	6455	6.96	7.12	10.05
	105	6475	7.05	7.04	10.06
	109	6495	7.03	6.95	10
	113	6515	7.07	7.05	10.07
802.11ax HE20	97	6435	7.09	7.5	10.31
	101	6455	7.02	6.98	10.01
	105	6475	6.71	7.3	10.03
	109	6495	7.32	6.98	10.16
	113	6515	6.74	7.33	10.06
802.11ax HE40	99	6445	9.27	9.63	12.46
	107	6485	9.16	9.22	12.2
	115	6525	9.23	9.24	12.25
802.11ax HE80	103	6465	12.22	12.35	15.3
	119	6545	12.22	12.37	15.31
802.11ax HE160	111	6505	12.33	12.43	15.39
802.11be EHT20	97	6435	7.16	7.54	10.36
	101	6455	6.85	7.3	10.09
	105	6475	6.75	7.35	10.07
	109	6495	7.11	6.86	10
	113	6515	6.82	7.39	10.12
802.11be EHT40	99	6445	9.29	9.68	12.5
	107	6485	9.2	9.25	12.24
	115	6525	9.26	9.27	12.28
802.11be EHT80	103	6465	12.23	12.37	15.31
	119	6545	12.27	12.45	15.37
802.11be EHT160	111	6505	12.35	12.48	15.43

Conducted Power (Full)					
UNII-7 Ant 0+1_NSS1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11a	117	6535	7.06	7	10.04
	121	6555	7.29	7.11	10.21
	125	6575	7.2	7.28	10.25
	129	6595	7.13	7.02	10.09
	133	6615	7.3	6.89	10.11
	137	6635	7.35	6.9	10.14
	141	6655	7.05	6.98	10.03
	145	6675	7.16	6.94	10.06
	149	6695	7	7.02	10.02
	153	6715	7.07	6.98	10.04
	157	6735	7.27	7.3	10.3
	161	6755	6.91	6.89	9.91
	165	6775	7.13	7.11	10.13
	169	6795	6.88	7.32	10.12
	173	6815	7.02	7.14	10.09
	177	6835	6.85	7.03	9.95
	181	6855	6.73	7.25	10.01
802.11ax HE20	117	6535	6.69	7.25	9.99
	121	6555	7.14	7.11	10.14
	125	6575	7.05	6.93	10
	129	6595	7.26	7.05	10.17
	133	6615	6.96	6.95	9.97
	137	6635	6.96	6.86	9.92
	141	6655	7.14	6.99	10.08
	145	6675	6.96	7.15	10.07
	149	6695	6.71	7.28	10.01
	153	6715	7.04	7.28	10.17
	157	6735	6.95	7.02	10
	161	6755	7.32	7.13	10.24
	165	6775	7.1	6.85	9.99
	169	6795	7.23	6.97	10.11
	173	6815	7.33	6.87	10.12
	177	6835	7.2	6.95	10.09
	181	6855	6.56	7.17	9.89
802.11ax HE40	123	6565	9.14	9.14	12.15
	131	6605	9.47	9.54	12.52
	139	6645	9.48	9.61	12.56
	147	6685	9.85	9.56	12.72
	155	6725	9.14	9.15	12.16
	163	6765	9.69	9.48	12.6
	171	6805	9.83	9.64	12.75
	179	6845	8.66	9.38	12.05
	187	6885	8.54	9.44	12.02
802.11ax HE80	135	6625	12.05	12.04	15.06
	151	6705	12.3	12.49	15.41
	167	6785	12.31	12.13	15.23
	183	6865	12.17	12.5	15.35
802.11ax HE160	143	6665	12.33	12.42	15.39
	175	6825	12.37	12.42	15.41

Conducted Power (Full)					
UNII-7 Ant 0+1_NSS1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11be EHT20	117	6535	6.77	7.32	10.06
	121	6555	6.85	6.89	9.88
	125	6575	6.85	7.23	10.05
	129	6595	6.9	6.9	9.91
	133	6615	7.08	6.98	10.04
	137	6635	7	6.94	9.98
	141	6655	6.96	7.22	10.1
	145	6675	6.97	6.92	9.96
	149	6695	6.77	7.3	10.05
	153	6715	7.02	7.19	10.12
	157	6735	6.96	6.99	9.99
	161	6755	7.17	7.02	10.11
	165	6775	6.98	7.2	10.1
	169	6795	7.13	6.94	10.05
	173	6815	7.2	7.29	10.26
	177	6835	6.95	6.9	9.94
	181	6855	6.63	7.22	9.95
802.11be EHT40	123	6565	9.21	9.22	12.23
	131	6605	9.46	9.39	12.44
	139	6645	9.57	9.8	12.7
	147	6685	9.36	9.8	12.6
	155	6725	9.19	9.19	12.2
	163	6765	9.49	9.4	12.46
	171	6805	9.64	9.81	12.74
	179	6845	8.68	9.42	12.08
	187	6885	8.56	9.48	12.05
802.11be EHT80	135	6625	12.17	12.3	15.25
	151	6705	12.38	12.52	15.46
	167	6785	12.08	12.2	15.15
	183	6865	12.25	12.54	15.41
802.11be EHT160	143	6665	12.34	12.46	15.41
	175	6825	12.42	12.46	15.45

Conducted Power (Full)					
UNII-8 Ant 0+1_NSS1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11a	185	6875	6.71	7.24	9.99
	189	6895	7.07	7	10.05
	193	6915	7.01	7.05	10.04
	197	6935	7.19	7.13	10.17
	201	6955	7.34	6.89	10.13
	205	6975	7.02	7.17	10.11
	209	6995	6.63	7.27	9.97
	213	7015	6.97	6.95	9.97
	217	7035	7.12	7.06	10.1
	221	7055	7.15	7.07	10.12
	225	7075	7.23	7.01	10.13
	229	7095	7.09	6.98	10.05
	233	7115	6.5	7.27	9.91
802.11ax HE20	185	6875	6.55	7.14	9.87
	189	6895	7.06	7.12	10.1
	193	6915	6.87	7.26	10.08
	197	6935	7.34	7.34	10.35
	201	6955	7.17	6.86	10.03
	205	6975	7.19	6.86	10.04
	209	6995	6.58	7.18	9.9
	213	7015	6.94	7.12	10.04
	217	7035	7.23	6.99	10.12
	221	7055	7.15	7.34	10.26
	225	7075	6.86	7	9.94
	229	7095	7.01	7.17	10.1
	233	7115	6.62	7.14	9.9
802.11ax HE40	195	6925	9.73	9.36	12.56
	203	6965	9.84	9.49	12.68
	211	7005	8.51	9.43	12
	219	7045	9.72	9.46	12.6
	227	7085	8.58	9.32	11.98
802.11ax HE80	199	6945	12.3	12.29	15.31
	215	7025	12.29	12.45	15.38
802.11ax HE160	207	6985	12.35	12.43	15.4
802.11be EHT20	185	6875	6.59	7.2	9.92
	189	6895	7.28	6.96	10.13
	193	6915	7.2	7.17	10.2
	197	6935	7.2	7.16	10.19
	201	6955	7.04	6.87	9.97
	205	6975	6.95	7.19	10.08
	209	6995	6.66	7.22	9.96
	213	7015	7.08	7.3	10.2
	217	7035	7.31	7.1	10.22
	221	7055	7.25	6.94	10.11
	225	7075	7.02	7.06	10.05
	229	7095	6.86	6.94	9.91
	233	7115	6.64	7.21	9.94
802.11be EHT40	195	6925	9.84	9.64	12.75
	203	6965	9.65	9.52	12.6
	211	7005	8.58	9.49	12.07
	219	7045	9.77	9.44	12.62
	227	7085	8.62	9.37	12.02

Conducted Power (Full)					
802.11be EHT80	199	6945	12.33	12.32	15.34
	215	7025	12.3	12.47	15.4
802.11be EHT160	207	6985	12.38	12.44	15.42

Conducted Power (Full)					
UNII-5 Ant 0+1_NSS2					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11ax HE20	1	5955	8.7	8.97	11.85
	5	5975	8.64	8.61	11.64
	9	5995	8.67	8.66	11.68
	13	6015	8.68	8.64	11.67
	17	6035	8.63	8.69	11.67
	21	6055	8.63	8.64	11.65
	25	6075	8.67	8.65	11.67
	29	6095	8.68	8.7	11.7
	33	6115	8.66	8.62	11.65
	37	6135	8.7	8.6	11.66
	41	6155	8.68	8.61	11.66
	45	6175	8.5	9.11	11.83
	49	6195	8.61	8.64	11.64
	53	6215	8.68	8.67	11.69
	57	6235	8.67	8.7	11.7
	61	6255	8.67	8.61	11.65
	65	6275	8.69	8.62	11.67
	69	6295	8.63	8.62	11.64
	73	6315	8.66	8.7	11.69
	77	6335	8.7	8.69	11.71
	81	6355	8.69	8.7	11.71
	85	6375	8.61	8.63	11.63
	89	6395	8.66	8.6	11.64
	93	6415	8.44	9.03	11.76
802.11ax HE40	3	5965	10.71	10.98	13.86
	11	6005	11.14	11.2	14.18
	19	6045	11.14	11.15	14.16
	27	6085	11.16	11.12	14.15
	35	6125	11.17	11.13	14.16
	43	6165	10.77	11.18	13.99
	51	6205	11.12	11.13	14.14
	59	6245	11.14	11.16	14.16
	67	6285	11.19	11.15	14.18
	75	6325	11.1	11.13	14.13
	83	6365	11.12	11.17	14.16
	91	6405	10.7	11.2	13.97
802.11ax HE80	7	5985	12.18	12.2	15.2
	23	6065	12.14	12.19	15.18
	39	6145	12.17	12.1	15.15
	55	6225	12.17	12.17	15.18
	71	6305	12.15	12.14	15.16
	87	6385	12.14	12.2	15.18
802.11ax HE160	15	6025	12.26	12.53	15.41
	47	6185	12.18	12.56	15.38
	79	6345	12.22	12.52	15.38

Conducted Power (Full)					
UNII-5 Ant 0+1_NSS2					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11be EHT20	1	5955	8.72	9.01	11.88
	5	5975	8.69	8.6	11.66
	9	5995	8.64	8.7	11.68
	13	6015	8.62	8.69	11.67
	17	6035	8.64	8.65	11.66
	21	6055	8.61	8.65	11.64
	25	6075	8.65	8.61	11.64
	29	6095	8.63	8.67	11.66
	33	6115	8.61	8.69	11.66
	37	6135	8.65	8.64	11.66
	41	6155	8.66	8.69	11.69
	45	6175	8.55	9.12	11.85
	49	6195	8.7	8.6	11.66
	53	6215	8.6	8.6	11.61
	57	6235	8.65	8.64	11.66
	61	6255	8.64	8.67	11.67
	65	6275	8.65	8.68	11.68
	69	6295	8.65	8.61	11.64
	73	6315	8.62	8.63	11.64
	77	6335	8.62	8.63	11.64
	81	6355	8.62	8.64	11.64
	85	6375	8.67	8.61	11.65
	89	6395	8.7	8.6	11.66
	93	6415	8.52	9.06	11.81
802.11be EHT40	3	5965	10.75	11.02	13.9
	11	6005	11.17	11.17	14.18
	19	6045	11.12	11.13	14.14
	27	6085	11.14	11.15	14.16
	35	6125	11.19	11.13	14.17
	43	6165	10.82	11.25	14.05
	51	6205	11.17	11.12	14.16
	59	6245	11.11	11.2	14.17
	67	6285	11.11	11.15	14.14
	75	6325	11.15	11.11	14.14
	83	6365	11.17	11.12	14.16
	91	6405	10.78	11.22	14.02
802.11be EHT80	7	5985	12.33	12.6	15.48
	23	6065	12.12	12.12	15.13
	39	6145	12.38	12.54	15.47
	55	6225	12.14	12.15	15.16
	71	6305	12.19	12.15	15.18
	87	6385	12.35	12.42	15.4
802.11be EHT160	15	6025	12.35	12.55	15.46
	47	6185	12.23	12.59	15.42
	79	6345	12.27	12.56	15.43

Conducted Power (Full)					
UNII-6 Ant 0+1_NSS2					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11ax HE20	97	6435	8.39	9	11.72
	101	6455	8.6	8.6	11.61
	105	6475	8.24	8.83	11.56
	109	6495	8.69	8.61	11.66
	113	6515	8.27	8.86	11.59
802.11ax HE40	99	6445	10.79	11.11	13.96
	107	6485	10.65	11.06	13.87
	115	6525	10.72	11.08	13.91
802.11ax HE80	103	6465	12.37	12.54	15.47
	119	6545	12.34	12.43	15.4
802.11ax HE160	111	6505	12.39	12.5	15.46
802.11be EHT20	97	6435	8.46	9.04	11.77
	101	6455	8.64	8.6	11.63
	105	6475	8.28	8.88	11.6
	109	6495	8.64	8.66	11.66
	113	6515	8.35	8.92	11.65
802.11be EHT40	99	6445	10.81	11.16	14
	107	6485	10.69	11.09	13.9
	115	6525	10.75	11.11	13.94
802.11be EHT80	103	6465	12.38	12.56	15.48
	119	6545	12.39	12.51	15.46
802.11be EHT160	111	6505	12.41	12.55	15.49

Conducted Power (Full)					
UNII-7 Ant 0+1_NSS2					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11ax HE20	117	6535	8.23	8.78	11.52
	121	6555	8.63	8.64	11.65
	125	6575	8.66	8.6	11.64
	129	6595	8.7	8.62	11.67
	133	6615	8.7	8.6	11.66
	137	6635	8.68	8.68	11.69
	141	6655	8.62	8.61	11.63
	145	6675	8.66	8.62	11.65
	149	6695	8.24	8.81	11.54
	153	6715	8.65	8.63	11.65
	157	6735	8.65	8.65	11.66
	161	6755	8.68	8.65	11.68
	165	6775	8.7	8.63	11.68
	169	6795	8.68	8.68	11.69
	173	6815	8.7	8.62	11.67
	177	6835	8.67	8.62	11.66
	181	6855	7.78	8.77	11.31
802.11ax HE40	123	6565	10.63	10.98	13.82
	131	6605	10.65	10.64	13.66
	139	6645	10.7	10.69	13.71
	147	6685	10.61	10.67	13.65
	155	6725	10.63	10.99	13.82
	163	6765	10.67	10.64	13.67
	171	6805	10.63	10.61	13.63
	179	6845	10.53	10.8	13.68
	187	6885	10.36	10.86	13.63
802.11ax HE80	135	6625	12.25	12.45	15.36
	151	6705	12.17	12.16	15.18
	167	6785	12.15	12.18	15.18
	183	6865	12.32	12.34	15.34
802.11ax HE160	143	6665	12.38	12.43	15.42
	175	6825	12.31	12.4	15.37

Conducted Power (Full)					
UNII-7 Ant 0+1_NSS2					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11be EHT20	117	6535	8.31	8.85	11.6
	121	6555	8.68	8.7	11.7
	125	6575	8.68	8.65	11.68
	129	6595	8.66	8.66	11.67
	133	6615	8.6	8.64	11.63
	137	6635	8.7	8.69	11.71
	141	6655	8.69	8.66	11.69
	145	6675	8.63	8.65	11.65
	149	6695	8.3	8.83	11.58
	153	6715	8.62	8.6	11.62
	157	6735	8.63	8.67	11.66
	161	6755	8.65	8.68	11.68
	165	6775	8.67	8.67	11.68
	169	6795	8.61	8.6	11.62
	173	6815	8.69	8.64	11.68
	177	6835	8.7	8.61	11.67
	181	6855	7.85	8.82	11.37
802.11be EHT40	123	6565	10.7	11.06	13.89
	131	6605	10.62	10.62	13.63
	139	6645	10.62	10.62	13.63
	147	6685	10.68	10.61	13.66
	155	6725	10.68	11.03	13.87
	163	6765	10.63	10.63	13.64
	171	6805	10.67	10.6	13.65
	179	6845	10.55	10.84	13.71
	187	6885	10.38	10.9	13.66
802.11be EHT80	135	6625	12.14	12.12	15.14
	151	6705	12.33	12.48	15.42
	167	6785	12.17	12.16	15.18
	183	6865	12.4	12.38	15.4
802.11be EHT160	143	6665	12.39	12.47	15.44
	175	6825	12.36	12.44	15.41

Conducted Power (Full)					
UNII-8 Ant 0+1_NSS2					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11ax HE20	185	6875	7.77	8.73	11.29
	189	6895	8.15	8.11	11.14
	193	6915	8.18	8.13	11.17
	197	6935	8.16	8.11	11.15
	201	6955	8.12	8.1	11.12
	205	6975	8.17	8.19	11.19
	209	6995	7.8	8.77	11.32
	213	7015	8.15	8.16	11.17
	217	7035	8.13	8.17	11.16
	221	7055	8.2	8.12	11.17
	225	7075	8.11	8.15	11.14
	229	7095	8.12	8.14	11.14
	233	7115	-1.24	-0.73	2.03
802.11ax HE40	195	6925	10.61	10.61	13.62
	203	6965	10.67	10.63	13.66
	211	7005	10.14	10.85	13.52
	219	7045	10.61	10.68	13.66
	227	7085	10.11	10.96	13.57
802.11ax HE80	199	6945	12.34	12.29	15.33
	215	7025	12.21	12.58	15.41
802.11ax HE160	207	6985	12.36	12.43	15.41
802.11be EHT20	185	6875	7.81	8.79	11.34
	189	6895	8.2	8.11	11.17
	193	6915	8.2	8.2	11.21
	197	6935	8.11	8.18	11.16
	201	6955	8.19	8.11	11.16
	205	6975	8.19	8.19	11.2
	209	6995	7.88	8.81	11.38
	213	7015	8.17	8.12	11.16
	217	7035	8.2	8.15	11.19
	221	7055	8.19	8.14	11.18
	225	7075	8.19	8.18	11.2
	229	7095	8.16	8.13	11.16
	233	7115	-1.22	-0.66	2.08
802.11be EHT40	195	6925	10.69	10.62	13.67
	203	6965	10.64	10.66	13.66
	211	7005	10.21	10.91	13.58
	219	7045	10.63	10.69	13.67
	227	7085	10.15	11.01	13.61
802.11be EHT80	199	6945	12.37	12.32	15.36
	215	7025	12.22	12.6	15.42
802.11be EHT160	207	6985	12.39	12.44	15.43

Appendix F. SAR and Incident Power Density Test Result

SAR Results for Body Exposure Condition.

Note:
1. SAR testing for WLAN was performed on the maximum power mode.
2. The “< 0.001” means there is no SAR value or the SAR is too low to be measured.
3. Per KDB 388624 APPENDIX OVER6G, the measured results were scaled by factor 1.545 to reported power density when measurement uncertainty exceed 30%.

Body SAR Test Result

System & Position						DUT	SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	Ant Status	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	Horizontal Up_degree 0	5	6	Ant 0+1	100.00	1.00	17.50	15.97	1.42	-0.04	0.045	0.06
	WLAN2.4G	802.11b	Horizontal Up_degree 90	5	6	Ant 0+1	100.00	1.00	17.50	15.97	1.42	-0.19	0.06	0.09
	WLAN2.4G	802.11b	Horizontal Up_degree 160	5	6	Ant 0+1	100.00	1.00	17.50	15.97	1.42	-0.14	0.077	0.11
	WLAN2.4G	802.11b	Horizontal Down_degree 0	5	6	Ant 0+1	100.00	1.00	17.50	15.97	1.42	0.16	0.11	0.16
	WLAN2.4G	802.11b	Horizontal Down_degree 90	5	6	Ant 0+1	100.00	1.00	17.50	15.97	1.42	0.03	0.071	0.10
	WLAN2.4G	802.11b	Horizontal Down_degree 160	5	6	Ant 0+1	100.00	1.00	17.50	15.97	1.42	0.03	0.363	0.52
	WLAN2.4G	802.11b	Vertical Front_degree 0	5	6	Ant 0+1	100.00	1.00	17.50	15.97	1.42	0.05	0.047	0.07
	WLAN2.4G	802.11b	Vertical Front_degree 90	5	6	Ant 0+1	100.00	1.00	17.50	15.97	1.42	-0.08	0.142	0.20
	WLAN2.4G	802.11b	Vertical Front_degree 160	5	6	Ant 0+1	100.00	1.00	17.50	15.97	1.42	-0.1	0.135	0.19
	WLAN2.4G	802.11b	Vertical Back_degree 0	5	6	Ant 0+1	100.00	1.00	17.50	15.97	1.42	0	<0.001	0.00
	WLAN2.4G	802.11b	Vertical Back_degree 90	5	6	Ant 0+1	100.00	1.00	17.50	15.97	1.42	0.09	0.067	0.10
	WLAN2.4G	802.11b	Vertical Back_degree 160	5	6	Ant 0+1	100.00	1.00	17.50	15.97	1.42	0.03	0.085	0.12
	WLAN2.4G	802.11b	Tip Mode_degree 0	5	6	Ant 0+1	100.00	1.00	17.50	15.97	1.42	0	<0.001	0.00
	WLAN2.4G	802.11b	Tip Mode_degree 90	5	6	Ant 0+1	100.00	1.00	17.50	15.97	1.42	-0.15	0.674	0.96
1	WLAN2.4G	802.11b	Tip Mode_degree 90	5	1	Ant 0+1	100.00	1.00	17.50	15.93	1.44	-0.15	0.762	1.10
	WLAN2.4G	802.11b	Tip Mode_degree 90	5	11	Ant 0+1	100.00	1.00	17.50	15.54	1.57	0.17	0.658	1.03
	WLAN5.3G	802.11ac VHT80	Horizontal Up_degree 0	5	58	Ant 0+1	100.00	1.00	18.90	16.93	1.57	0.16	0.021	0.03
	WLAN5.3G	802.11ac VHT80	Horizontal Up_degree 90	5	58	Ant 0+1	100.00	1.00	18.90	16.93	1.57	-0.16	0.024	0.04
	WLAN5.3G	802.11ac VHT80	Horizontal Up_degree 160	5	58	Ant 0+1	100.00	1.00	18.90	16.93	1.57	0.19	0.095	0.15
	WLAN5.3G	802.11ac VHT80	Horizontal Down_degree 0	5	58	Ant 0+1	100.00	1.00	18.90	16.93	1.57	-0.17	0.291	0.46
	WLAN5.3G	802.11ac VHT80	Horizontal Down_degree 90	5	58	Ant 0+1	100.00	1.00	18.90	16.93	1.57	-0.04	0.06	0.09
	WLAN5.3G	802.11ac VHT80	Horizontal Down_degree 160	5	58	Ant 0+1	100.00	1.00	18.90	16.93	1.57	0.18	0.268	0.42
	WLAN5.3G	802.11ac VHT80	Vertical Front_degree 0	5	58	Ant 0+1	100.00	1.00	18.90	16.93	1.57	-0.13	0.149	0.23
	WLAN5.3G	802.11ac VHT80	Vertical Front_degree 90	5	58	Ant 0+1	100.00	1.00	18.90	16.93	1.57	0.19	0.228	0.36
	WLAN5.3G	802.11ac VHT80	Vertical Front_degree 160	5	58	Ant 0+1	100.00	1.00	18.90	16.93	1.57	-0.05	0.211	0.33
	WLAN5.3G	802.11ac VHT80	Vertical Back_degree 0	5	58	Ant 0+1	100.00	1.00	18.90	16.93	1.57	0.05	0.024	0.04
	WLAN5.3G	802.11ac VHT80	Vertical Back_degree 90	5	58	Ant 0+1	100.00	1.00	18.90	16.93	1.57	0.09	0.077	0.12
	WLAN5.3G	802.11ac VHT80	Vertical Back_degree 160	5	58	Ant 0+1	100.00	1.00	18.90	16.93	1.57	0.17	0.075	0.12
	WLAN5.3G	802.11ac VHT80	Tip Mode_degree 0	5	58	Ant 0+1	100.00	1.00	18.90	16.93	1.57	-0.1	0.016	0.03
2	WLAN5.3G	802.11ac VHT80	Tip Mode_degree 90	5	58	Ant 0+1	100.00	1.00	18.90	16.93	1.57	-0.13	0.487	0.76

Body SAR Test Result														
System & Position						DUT	SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	Ant Status	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)
	WLAN5.6G	802.11ac VHT80	Horizontal Up_degree 0	5	106	Ant 0+1	100.00	1.00	18.90	16.94	1.57	-0.08	0.039	0.06
	WLAN5.6G	802.11ac VHT80	Horizontal Up_degree 90	5	106	Ant 0+1	100.00	1.00	18.90	16.94	1.57	0.14	0.048	0.08
	WLAN5.6G	802.11ac VHT80	Horizontal Up_degree 160	5	106	Ant 0+1	100.00	1.00	18.90	16.94	1.57	0.19	0.266	0.42
	WLAN5.6G	802.11ac VHT80	Horizontal Down_degree 0	5	106	Ant 0+1	100.00	1.00	18.90	16.94	1.57	-0.13	0.569	0.89
	WLAN5.6G	802.11ac VHT80	Horizontal Down_degree 90	5	106	Ant 0+1	100.00	1.00	18.90	16.94	1.57	-0.01	0.243	0.38
	WLAN5.6G	802.11ac VHT80	Horizontal Down_degree 160	5	106	Ant 0+1	100.00	1.00	18.90	16.94	1.57	-0.05	0.51	0.80
	WLAN5.6G	802.11ac VHT80	Vertical Front_degree 0	5	106	Ant 0+1	100.00	1.00	18.90	16.94	1.57	-0.14	0.219	0.34
	WLAN5.6G	802.11ac VHT80	Vertical Front_degree 90	5	106	Ant 0+1	100.00	1.00	18.90	16.94	1.57	-0.07	0.388	0.61
	WLAN5.6G	802.11ac VHT80	Vertical Front_degree 160	5	106	Ant 0+1	100.00	1.00	18.90	16.94	1.57	0.17	0.36	0.57
	WLAN5.6G	802.11ac VHT80	Vertical Back_degree 0	5	106	Ant 0+1	100.00	1.00	18.90	16.94	1.57	-0.1	0.04	0.06
	WLAN5.6G	802.11ac VHT80	Vertical Back_degree 90	5	106	Ant 0+1	100.00	1.00	18.90	16.94	1.57	0.01	0.2	0.31
	WLAN5.6G	802.11ac VHT80	Vertical Back_degree 160	5	106	Ant 0+1	100.00	1.00	18.90	16.94	1.57	-0.02	0.173	0.27
	WLAN5.6G	802.11ac VHT80	Tip Mode_degree 0	5	106	Ant 0+1	100.00	1.00	18.90	16.94	1.57	-0.09	0.034	0.05
3	WLAN5.6G	802.11ac VHT80	Tip Mode_degree 90	5	106	Ant 0+1	100.00	1.00	18.90	16.94	1.57	-0.16	0.595	0.93
	WLAN5.6G	802.11ac VHT80	Horizontal Down_degree 0	5	122	Ant 0+1	100.00	1.00	18.90	16.92	1.58	0.12	0.46	0.73
	WLAN5.6G	802.11ac VHT80	Horizontal Down_degree 0	5	138	Ant 0+1	100.00	1.00	16.50	16.40	1.02	-0.02	0.435	0.44
	WLAN5.6G	802.11ac VHT80	Horizontal Down_degree 160	5	122	Ant 0+1	100.00	1.00	18.90	16.92	1.58	-0.13	0.412	0.65
	WLAN5.6G	802.11ac VHT80	Horizontal Down_degree 160	5	138	Ant 0+1	100.00	1.00	16.50	16.40	1.02	-0.14	0.39	0.40
	WLAN5.6G	802.11ac VHT80	Tip Mode_degree 90	5	122	Ant 0+1	100.00	1.00	18.90	16.92	1.58	-0.15	0.481	0.76
	WLAN5.6G	802.11ac VHT80	Tip Mode_degree 90	5	138	Ant 0+1	100.00	1.00	16.50	16.40	1.02	-0.15	0.455	0.46
	WLAN5.8G	802.11ac VHT80	Horizontal Up_degree 0	5	155	Ant 0+1	100.00	1.00	18.80	16.89	1.55	-0.03	0.029	0.04
	WLAN5.8G	802.11ac VHT80	Horizontal Up_degree 90	5	155	Ant 0+1	100.00	1.00	18.80	16.89	1.55	-0.1	0.028	0.04
	WLAN5.8G	802.11ac VHT80	Horizontal Up_degree 160	5	155	Ant 0+1	100.00	1.00	18.80	16.89	1.55	0.04	0.131	0.20
	WLAN5.8G	802.11ac VHT80	Horizontal Down_degree 0	5	155	Ant 0+1	100.00	1.00	18.80	16.89	1.55	-0.17	0.509	0.79
	WLAN5.8G	802.11ac VHT80	Horizontal Down_degree 90	5	155	Ant 0+1	100.00	1.00	18.80	16.89	1.55	0.14	0.076	0.12
	WLAN5.8G	802.11ac VHT80	Horizontal Down_degree 160	5	155	Ant 0+1	100.00	1.00	18.80	16.89	1.55	-0.19	0.298	0.46
	WLAN5.8G	802.11ac VHT80	Vertical Front_degree 0	5	155	Ant 0+1	100.00	1.00	18.80	16.89	1.55	0.13	0.187	0.29
	WLAN5.8G	802.11ac VHT80	Vertical Front_degree 90	5	155	Ant 0+1	100.00	1.00	18.80	16.89	1.55	-0.1	0.28	0.43
	WLAN5.8G	802.11ac VHT80	Vertical Front_degree 160	5	155	Ant 0+1	100.00	1.00	18.80	16.89	1.55	0.19	0.264	0.41
	WLAN5.8G	802.11ac VHT80	Vertical Back_degree 0	5	155	Ant 0+1	100.00	1.00	18.80	16.89	1.55	0.1	0.02	0.03
	WLAN5.8G	802.11ac VHT80	Vertical Back_degree 90	5	155	Ant 0+1	100.00	1.00	18.80	16.89	1.55	0.07	0.079	0.12
	WLAN5.8G	802.11ac VHT80	Vertical Back_degree 160	5	155	Ant 0+1	100.00	1.00	18.80	16.89	1.55	0.15	0.082	0.13

Body SAR Test Result

System & Position						DUT	SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	Ant Status	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)
	WLAN5.8G	802.11ac VHT80	Tip Mode_degree 0	5	155	Ant 0+1	100.00	1.00	18.80	16.89	1.55	0.14	0.022	0.03
4	WLAN5.8G	802.11ac VHT80	Tip Mode_degree 90	5	155	Ant 0+1	100.00	1.00	18.80	16.89	1.55	-0.14	0.531	0.82

SAR and Power Density Test Result

System & Position						DUT	SAR										Power Density								
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	Ant Status	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^2 (4cm^2)	Scaled APD W/m^2 (4cm^2)	Grid Step [λ]	iPD [W/m2]	Scaling Factor for Measurement Uncertainty	Averaging Area [cm2]	Power Drift [dB]	Normal psPD [W/m2]	Scaled Normal psPD [W/m2]	Total psPD [W/m2]	Scaled Total psPD [W/m2]
	NSS1																								
	UNII-5	802.11ax HE160	Horizontal Up_degree 0	5	47	Ant 0+1	100.00	1.00	15.50	15.45	1.01	-0.1	0.04	0.04	0.308	0.31									
	UNII-5	802.11ax HE160	Horizontal Up_degree 90	5	47	Ant 0+1	100.00	1.00	15.50	15.45	1.01	0.17	0.059	0.06	0.457	0.46									
	UNII-5	802.11ax HE160	Horizontal Up_degree 160	5	47	Ant 0+1	100.00	1.00	15.50	15.45	1.01	0.17	0.146	0.15	1.12	1.13									
	UNII-5	802.11ax HE160	Horizontal Down_degree 0	5	47	Ant 0+1	100.00	1.00	15.50	15.45	1.01	-0.17	0.131	0.13	1	1.01									
	UNII-5	802.11ax HE160	Horizontal Down_degree 90	5	47	Ant 0+1	100.00	1.00	15.50	15.45	1.01	-0.12	0.14	0.14	1.07	1.08									
	UNII-5	802.11ax HE160	Horizontal Down_degree 160	5	47	Ant 0+1	100.00	1.00	15.50	15.45	1.01	0.03	0.167	0.17	1.27	1.28									
	UNII-5	802.11ax HE160	Vertical Front_degree 0	5	47	Ant 0+1	100.00	1.00	15.50	15.45	1.01	0.04	0.217	0.22	1.66	1.68									
	UNII-5	802.11ax HE160	Vertical Front_degree 90	5	47	Ant 0+1	100.00	1.00	15.50	15.45	1.01	-0.14	0.324	0.33	2.48	2.5	0.0515	206.10	1.545	4.00	-0.11	2.69	4.16	5.04	7.86
	UNII-5	802.11ax HE160	Vertical Front_degree 160	5	47	Ant 0+1	100.00	1.00	15.50	15.45	1.01	-0.07	0.312	0.32	2.39	2.41	0.0515	198.46	1.545	4.00	0.09	2.59	4	4.86	7.58
	UNII-5	802.11ax HE160	Vertical Back_degree 0	5	47	Ant 0+1	100.00	1.00	15.50	15.45	1.01	-0.18	0.126	0.13	0.968	0.98									
	UNII-5	802.11ax HE160	Vertical Back_degree 90	5	47	Ant 0+1	100.00	1.00	15.50	15.45	1.01	0.04	0.075	0.08	0.575	0.58									
	UNII-5	802.11ax HE160	Vertical Back_degree 160	5	47	Ant 0+1	100.00	1.00	15.50	15.45	1.01	-0.02	0.084	0.08	0.648	0.65									
	UNII-5	802.11ax HE160	Tip Mode_degree 0	5	47	Ant 0+1	100.00	1.00	15.50	15.45	1.01	0.03	0.017	0.02	0.133	0.13									
5	UNII-5	802.11ax HE160	Tip Mode_degree 90	5	47	Ant 0+1	100.00	1.00	15.50	15.45	1.01	-0.16	0.361	0.36	2.76	2.79	0.0515	229.00	1.545	4.00	-0.14	2.99	4.62	5.61	8.75
	UNII-5	802.11ax HE160	Tip Mode_degree 90	5	15	Ant 0+1	100.00	1.00	15.50	15.39	1.03	-0.12	0.246	0.25	1.88	1.94									
	UNII-5	802.11ax HE160	Tip Mode_degree 90	5	79	Ant 0+1	100.00	1.00	15.50	15.36	1.03	0.19	0.203	0.21	1.55	1.6									
	UNII-6	802.11ax HE160	Tip Mode_degree 90	5	111	Ant 0+1	100.00	1.00	15.50	15.39	1.03	0.11	0.3	0.31	2.29	2.36	0.0542	190.45	1.545	4.00	0.11	2.48	3.83	4.66	7.42
	UNII-7	802.11ax HE160	Tip Mode_degree 90	5	143	Ant 0+1	100.00	1.00	15.50	15.39	1.03	-0.01	0.231	0.24	1.77	1.82									
	UNII-7	802.11ax HE160	Tip Mode_degree 90	5	175	Ant 0+1	100.00	1.00	15.50	15.41	1.02	0.19	0.235	0.24	1.79	1.83									
	UNII-8	802.11ax HE160	Tip Mode_degree 90	5	207	Ant 0+1	100.00	1.00	15.50	15.40	1.02	0.08	0.339	0.35	2.59	2.64	0.0582	215.64	1.545	4.00	0.08	2.81	4.34	5.28	8.32
	NSS2																								
	UNII-6	802.11ax HE160	Horizontal Up_degree 0	5	111	Ant 0+1	100.00	1.00	15.50	15.46	1.01	0.08	0.035	0.04	0.254	0.26									
	UNII-6	802.11ax HE160	Horizontal Up_degree 90	5	111	Ant 0+1	100.00	1.00	15.50	15.46	1.01	-0.07	0.052	0.05	0.378	0.38									
	UNII-6	802.11ax HE160	Horizontal Up_degree 160	5	111	Ant 0+1	100.00	1.00	15.50	15.46	1.01	-0.12	0.128	0.13	0.925	0.93									
	UNII-6	802.11ax HE160	Horizontal Down_degree 0	5	111	Ant 0+1	100.00	1.00	15.50	15.46	1.01	0.19	0.115	0.12	0.83	0.84									
	UNII-6	802.11ax HE160	Horizontal Down_degree 90	5	111	Ant 0+1	100.00	1.00	15.50	15.46	1.01	-0.04	0.123	0.12	0.887	0.9									
	UNII-6	802.11ax HE160	Horizontal Down_degree 160	5	111	Ant 0+1	100.00	1.00	15.50	15.46	1.01	-0.13	0.146	0.15	1.05	1.06									
	UNII-6	802.11ax HE160	Vertical Front_degree 0	5	111	Ant 0+1	100.00	1.00	15.50	15.46	1.01	0.19	0.191	0.19	1.37	1.38									
	UNII-6	802.11ax HE160	Vertical Front_degree 90	5	111	Ant 0+1	100.00	1.00	15.50	15.46	1.01	-0.09	0.285	0.29	2.05	2.07	0.0542	91.80	1.545	4.00	-0.19	1.97	3.04	4.59	7.16
	UNII-6	802.11ax HE160	Vertical Front_degree 160	5	111	Ant 0+1	100.00	1.00	15.50	15.46	1.01	-0.04	0.274	0.28	1.97	1.99	0.0542	88.40	1.545	4.00	-0.18	1.89	2.92	4.42	6.9
	UNII-6	802.11ax HE160	Vertical Back_degree 0	5	111	Ant 0+1	100.00	1.00	15.50	15.46	1.01	0.16	0.111	0.11	0.799	0.81									
	UNII-6	802.11ax HE160	Vertical Back_degree 90	5	111	Ant 0+1	100.00	1.00	15.50	15.46	1.01	-0.05	0.066	0.07	0.475	0.48									
	UNII-6	802.11ax HE160	Vertical Back_degree 160	5	111	Ant 0+1	100.00	1.00	15.50	15.46	1.01	0.18	0.074	0.07	0.535	0.54									
	UNII-6	802.11ax HE160	Tip Mode_degree 0	5	111	Ant 0+1	100.00	1.00	15.50	15.46	1.01	0.03	0.015	0.02	0.11	0.11									
6	UNII-6	802.11ax HE160	Tip Mode_degree 90	5	111	Ant 0+1	100.00	1.00	15.50	15.46	1.01	-0.02	0.317	0.32	2.28	2.3	0.0542	102.00	1.545	4.00	-0.15	2.19	3.38	5.11	7.97
	UNII-5	802.11ax HE160	Tip Mode_degree 90	5	15	Ant 0+1	100.00	1.00	15.50	15.41	1.02	0.11	0.216	0.22	1.55	1.58									
	UNII-5	802.11ax HE160	Tip Mode_degree 90	5	47	Ant 0+1	100.00	1.00	15.50	15.38	1.03	-0.08	0.179	0.18	1.28	1.32									
	UNII-5	802.11ax HE160	Tip Mode_degree 90	5	79	Ant 0+1	100.00	1.00	15.50	15.38	1.03	-0.19	0.263	0.27	1.89	1.95	0.0529	84.83	1.545	4.00	-0.11	1.82	2.81	4.24	6.75
	UNII-7	802.11ax HE160	Tip Mode_degree 90	5	143	Ant 0+1	100.00	1.00	15.50	15.42	1.02	-0.09	0.203	0.21	1.46	1.49									
	UNII-7	802.11ax HE160	Tip Mode_degree 90	5	175	Ant 0+1	100.00	1.00	15.50	15.37	1.03	-0.14	0.206	0.21	1.48	1.52									
	UNII-8	802.11ax HE160	Tip Mode_degree 90	5	207	Ant 0+1	100.00	1.00	15.50	15.41	1.02	0	0.298	0.30	2.14	2.18	0.0582	96.05	1.545	4.00	-0.11	2.06	3.18	4.81	7.58

Appendix J. Calibration of Test Equipment List

Calibration of Test Equipment List are shown as below.

Equipment for SAR Test					
Equipment	Manufacturer	Model	SN	Cal. Date	Cal. Interval
System Validation Dipole	SPEAG	D2450V2	737	2025/2/12	1 Year
System Validation Dipole	SPEAG	D5GHzV2	1019	2025/2/11	1 Year
System Validation Dipole	SPEAG	D6.5GHzV2	1008	2024/9/9	1 Year
System Verification Source	SPEAG	5G Verification Source 10 GHz	1025	2025/1/14	1 Year
Dosimetric E-Field Probe	SPEAG	EX3DV4	7554	2024/9/17	1 Year
Dosimetric E-Field Probe	SPEAG	EX3DV4	7736	2025/2/17	1 Year
Dosimetric E-Field Probe	SPEAG	EX3DV4	7797	2024/11/20	1 Year
E-Field Probe	SPEAG	EUmmWV4	9438	2024/7/19	1 Year
Data Acquisition Electronics	SPEAG	DAE4	1277	2024/5/14	1 Year
Data Acquisition Electronics	SPEAG	DAE4	1585	2024/5/16	1 Year
Data Acquisition Electronics	SPEAG	DAE4	1431	2024/7/16	1 Year
Analong Signal Generator	R&S	SMA100B	104417	2024/10/20	1 Year
Mini-Circuits Wideband Amplifier	Mini-Circuits	ZVA-183-S+	434502031A	2024/6/26	1 Year
Thermometer	YFE	YF-160A	120702365	2024/9/12	1 Year
Dielectric Assessment Kit	SPEAG	DAKS-3.5	1092	2024/5/23	1 Year
Dielectric Assessment Kit	SPEAG	DAKS_VNA R140	0010917	2024/5/22	1 Year
Powersource1	SPEAG	SE_UMS_160 BA	4260	2024/11/11	1 Year