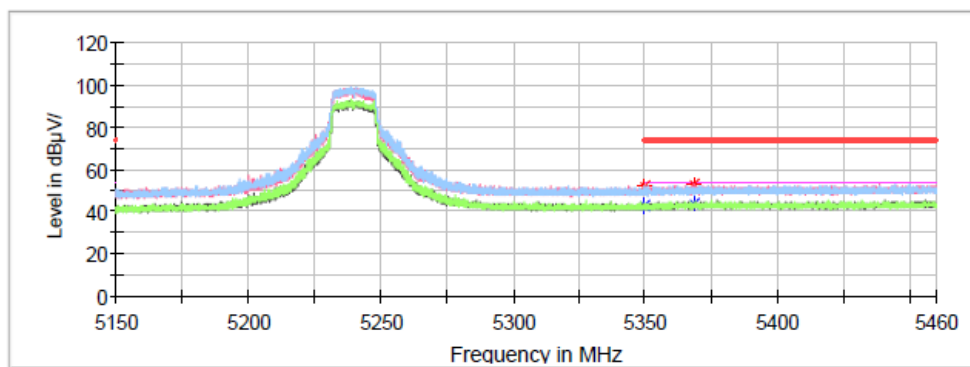


## Common Information

Project No.: RKSA240319001  
Test Mode: Transmitting in 802.11a mode high channel  
Standard: FCC Part 15.407 & FCC Part 15.205 & FCC Part 15.209  
Test Engineer: Peter Wang

Full Spectrum



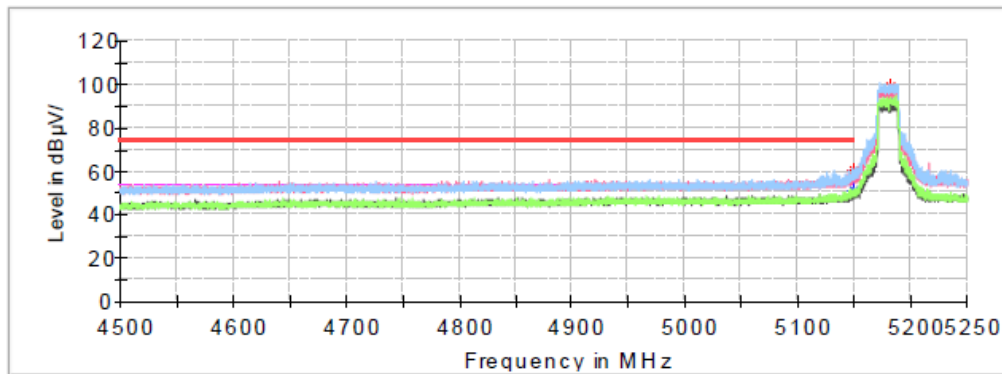
## Critical Freqs

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Pol | Corr. (dB/m) |
|-----------------|--------------------|--------------------|------------------|-------------|-----|--------------|
| 5350.012000     | ---                | 43.17              | 54.00            | 10.83       | H   | 4.7          |
| 5350.012000     | 52.39              | ---                | 74.00            | 21.61       | H   | 4.7          |
| 5368.271000     | ---                | 43.29              | 54.00            | 10.71       | V   | 4.8          |
| 5368.271000     | 53.15              | ---                | 74.00            | 20.85       | V   | 4.8          |

**802.11ac20 Mode:****Common Information**

Project No.: RKSA240319001  
Test Mode: Transmitting in 802.11ac20 mode low channel  
Standard: FCC Part 15.407 & FCC Part 15.205 & FCC Part 15.209  
Test Engineer: Peter Wang

Full Spectrum

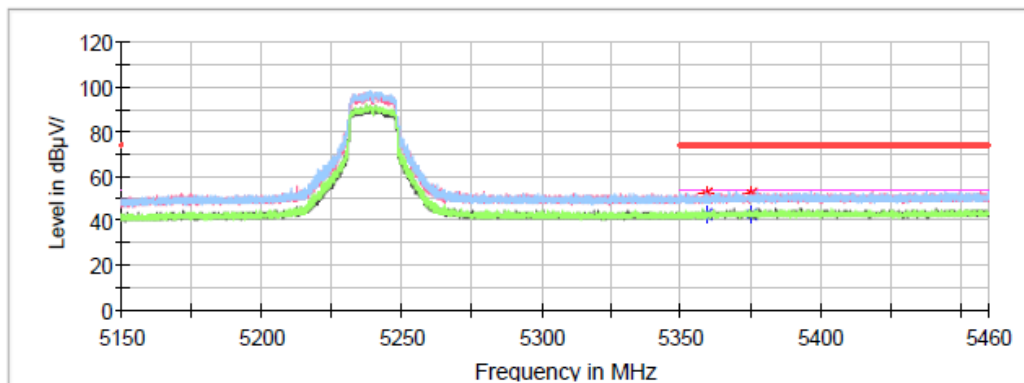
**Critical Freqs**

| Frequency (MHz) | MaxPeak (dB µ V/m) | Average (dB µ V/m) | Limit (dB µ V/m) | Margin (dB) | Pol | Corr. (dB/m) |
|-----------------|--------------------|--------------------|------------------|-------------|-----|--------------|
| 5149.800000     | ---                | 51.56              | 54.00            | 2.44        | H   | 9.4          |
| 5149.800000     | 60.03              | ---                | 74.00            | 13.97       | H   | 9.4          |

## Common Information

Project No.: RKSA240319001  
Test Mode: Transmitting in 802.11ac20 mode high channel  
Standard: FCC Part 15.407 & FCC Part 15.205 & FCC Part 15.209  
Test Engineer: Peter Wang

Full Spectrum

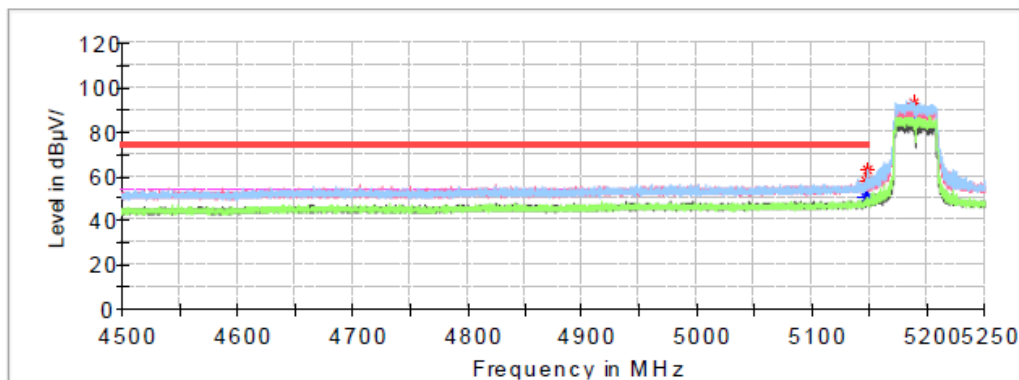


## Critical\_Freqs

| Frequency (MHz) | MaxPeak (dB µ V/m) | Average (dB µ V/m) | Limit (dB µ V/m) | Margin (dB) | Pol | Corr. (dB/m) |
|-----------------|--------------------|--------------------|------------------|-------------|-----|--------------|
| 5359.126000     | ---                | 42.83              | 54.00            | 11.17       | H   | 4.8          |
| 5359.126000     | 52.40              | ---                | 74.00            | 21.60       | H   | 4.8          |
| 5375.091000     | ---                | 42.59              | 54.00            | 11.41       | V   | 4.8          |
| 5375.091000     | 52.07              | ---                | 74.00            | 21.93       | V   | 4.8          |

**802.11ac40 Mode:****Common Information**

Project No.: RKSA240319001  
Test Mode: Transmitting in 802.11ac40 mode low channel  
Standard: FCC Part 15.407 & FCC Part 15.205 & FCC Part 15.209  
Test Engineer: Peter Wang

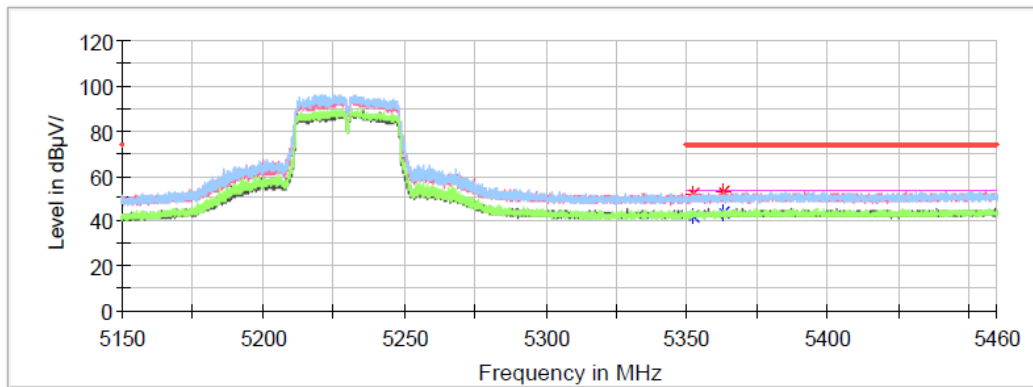
**Full Spectrum****Critical Freqs**

| Frequency (MHz) | MaxPeak (dB $\mu$ V/m) | Average (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Pol | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----|--------------|
| 5147.100000     | ---                    | 50.33                  | 54.00                | 3.67        | V   | 9.4          |
| 5147.100000     | 58.23                  | ---                    | 74.00                | 15.77       | V   | 9.4          |
| 5148.525000     | ---                    | 50.30                  | 54.00                | 3.70        | H   | 9.4          |
| 5148.525000     | 62.95                  | ---                    | 74.00                | 11.05       | H   | 9.4          |

## Common Information

Project No.: RKSA240319001  
Test Mode: Transmitting in 802.11ac40 mode high channel  
Standard: FCC Part 15.407 & FCC Part 15.205 & FCC Part 15.209  
Test Engineer: Peter Wang

Full Spectrum

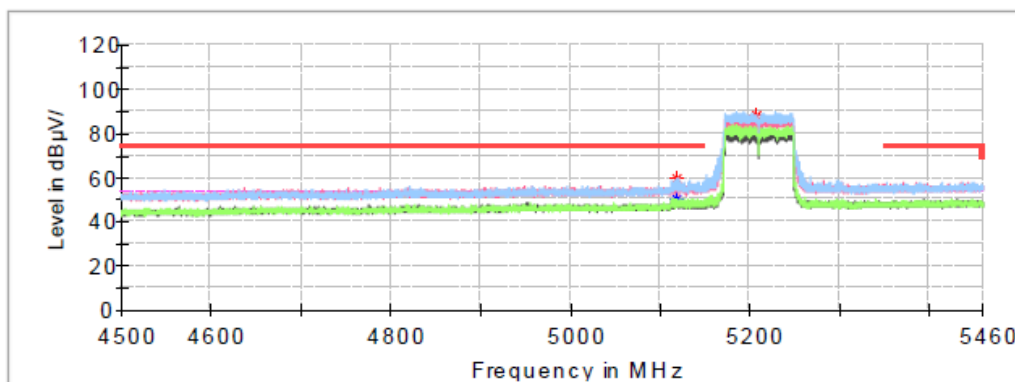


## Critical\_Freqs

| Frequency (MHz) | MaxPeak (dB µ V/m) | Average (dB µ V/m) | Limit (dB µ V/m) | Margin (dB) | Pol | Corr. (dB/m) |
|-----------------|--------------------|--------------------|------------------|-------------|-----|--------------|
| 5352.399000     | ---                | 42.25              | 54.00            | 11.75       | H   | 4.7          |
| 5352.399000     | 52.37              | ---                | 74.00            | 21.63       | H   | 4.7          |
| 5363.187000     | ---                | 43.74              | 54.00            | 10.26       | V   | 4.8          |
| 5363.187000     | 52.79              | ---                | 74.00            | 21.21       | V   | 4.8          |

**802.11ac80 Mode:****Common Information**

Project No.: RKSA240319001 Transmitting in 802.11ac80  
Test Mode: FCC Part 15.407 & FCC Part 15.205 & FCC Part 15.209  
Standard: Peter Wang  
Test Engineer:

**Full Spectrum****Critical Freqs**

| Frequency (MHz) | MaxPeak (dB µ V/m) | Average (dB µ V/m) | Limit (dB µ V/m) | Margin (dB) | Pol | Corr. (dB/m) |
|-----------------|--------------------|--------------------|------------------|-------------|-----|--------------|
| 5118.432000     | 59.61              | ---                | 74.00            | 14.39       | H   | 9.3          |
| 5118.432000     | ---                | 50.62              | 54.00            | 3.38        | H   | 9.3          |

**Restricted Bands Emissions Test (5250-5350MHz Band):**

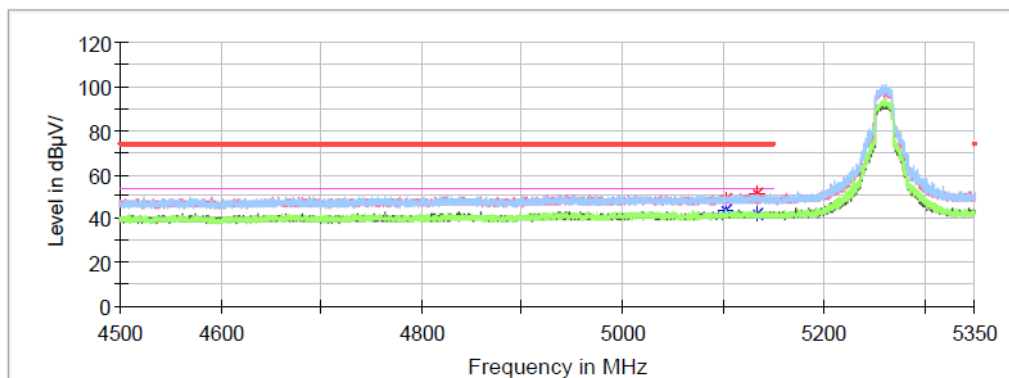
Note:

1. Corrected Factor = Antenna factor (RX) + Cable Loss – Amplifier Factor
2. Corrected Amplitude = Corrected Factor + Reading
3. Margin = Limit - Corrected. Amplitude

**802.11a Mode:****Common Information**

|                |                                                     |
|----------------|-----------------------------------------------------|
| Project No.:   | RKSA240319001                                       |
| Test Mode:     | Transmitting in 802.11a mode low channel            |
| Standard:      | FCC Part 15.407 & FCC Part 15.205 & FCC Part 15.209 |
| Test Engineer: | Peter Wang                                          |

Full Spectrum

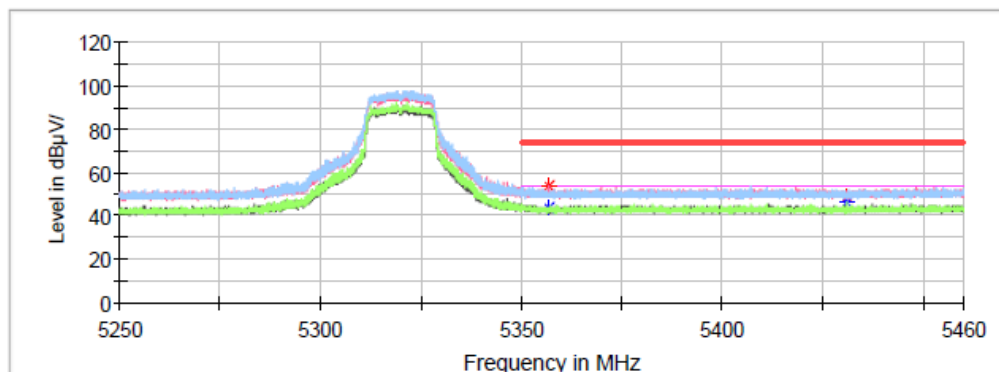
**Critical\_Freqs**

| Frequency (MHz) | MaxPeak (dB µ V/m) | Average (dB µ V/m) | Limit (dB µ V/m) | Margin (dB) | Pol | Corr. (dB/m) |
|-----------------|--------------------|--------------------|------------------|-------------|-----|--------------|
| 5103.075000     | ---                | 43.41              | 54.00            | 10.59       | H   | 4.1          |
| 5103.075000     | 48.70              | ---                | 74.00            | 25.30       | H   | 4.1          |
| 5132.995000     | ---                | 41.96              | 54.00            | 12.04       | V   | 4.2          |
| 5132.995000     | 51.45              | ---                | 74.00            | 22.55       | V   | 4.2          |

## Common Information

Project No.: RKSA240319001  
Test Mode: Transmitting in 802.11a mode high channel  
Standard: FCC Part 15.407 & FCC Part 15.205 & FCC Part 15.209  
Test Engineer: Peter Wang

Full Spectrum



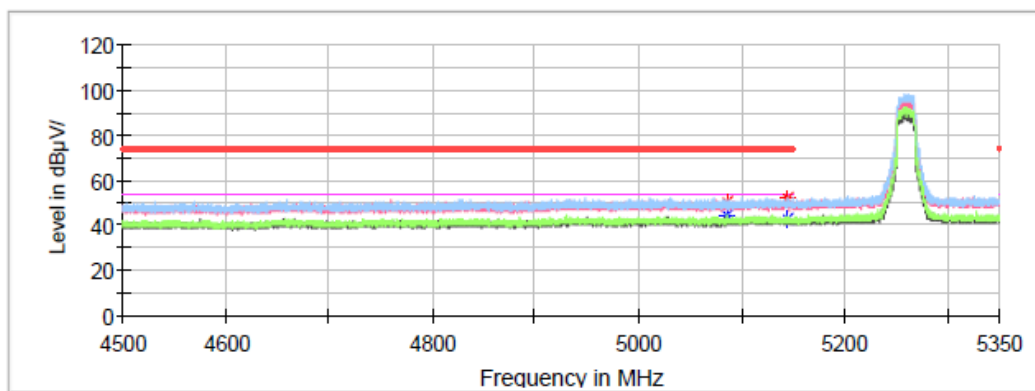
## Critical Freqs

| Frequency (MHz) | MaxPeak (dB µ V/m) | Average (dB µ V/m) | Limit (dB µ V/m) | Margin (dB) | Pol | Corr. (dB/m) |
|-----------------|--------------------|--------------------|------------------|-------------|-----|--------------|
| 5356.890000     | 53.63              | ---                | 74.00            | 20.37       | V   | 4.7          |
| 5356.890000     | ---                | 43.32              | 54.00            | 10.68       | V   | 4.7          |
| 5431.230000     | 49.05              | ---                | 74.00            | 24.95       | H   | 4.9          |
| 5431.230000     | ---                | 45.96              | 54.00            | 8.04        | H   | 4.9          |

**802.11ac20 Mode:****Common Information**

Project No.: RKSA240319001  
Test Mode: Transmitting in 802.11ac20 mode low channel  
Standard: FCC Part 15.407 & FCC Part 15.205 & FCC Part 15.209  
Test Engineer: Peter Wang

Full Spectrum

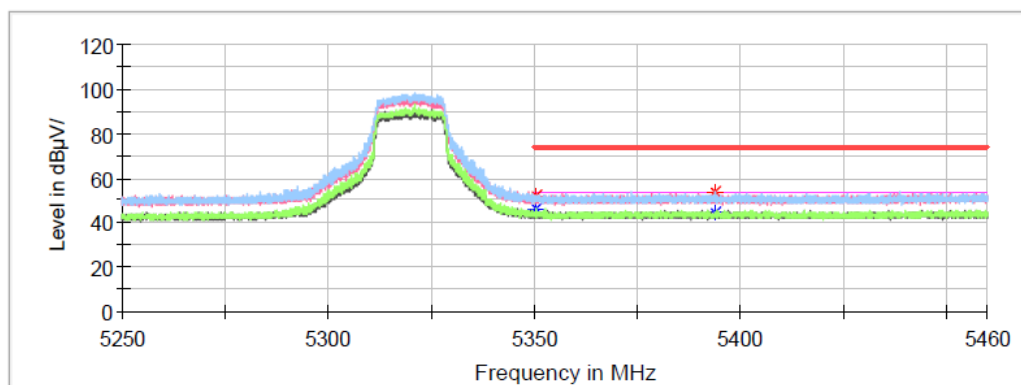
**Critical Freqs**

| Frequency (MHz) | MaxPeak (dB $\mu$ V/m) | Average (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Pol | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----|--------------|
| 5085.480000     | 50.54                  | ---                    | 74.00                | 23.46       | V   | 4.1          |
| 5085.480000     | ---                    | 44.28                  | 54.00                | 9.72        | V   | 4.1          |
| 5144.300000     | 52.03                  | ---                    | 74.00                | 21.97       | H   | 4.2          |
| 5144.300000     | ---                    | 42.41                  | 54.00                | 11.59       | H   | 4.2          |

## Common Information

Project No.: RKSA240319001  
Test Mode: Transmitting in 802.11ac20 mode high channel  
Standard: FCC Part 15.407 & FCC Part 15.205 & FCC Part 15.209  
Test Engineer: Peter Wang

Full Spectrum



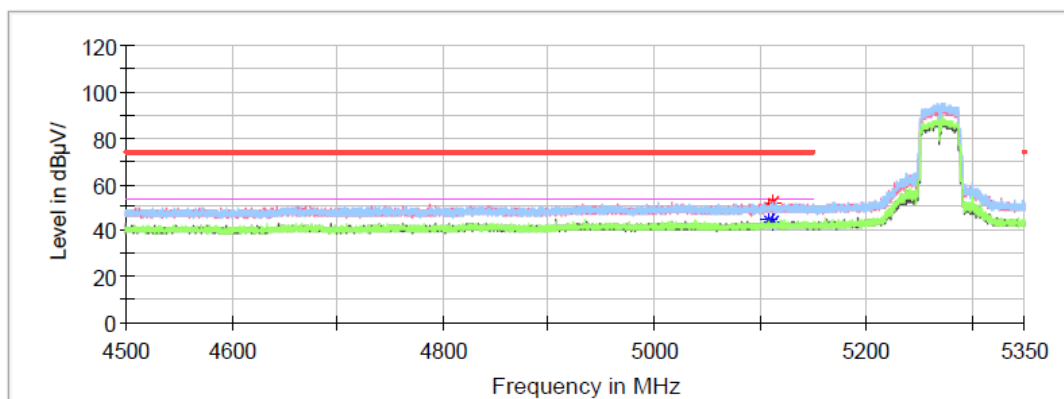
## Critical\_Freqs

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Pol | Corr. (dB/m) |
|-----------------|--------------------|--------------------|------------------|-------------|-----|--------------|
| 5350.506000     | ---                | 46.03              | 54.00            | 7.97        | H   | 4.7          |
| 5350.506000     | 52.40              | ---                | 74.00            | 21.60       | H   | 4.7          |
| 5393.766000     | ---                | 44.44              | 54.00            | 9.56        | H   | 4.8          |
| 5393.766000     | 53.89              | ---                | 74.00            | 20.11       | H   | 4.8          |

**802.11ac40 Mode:****Common Information**

Project No.: RKSA240319001  
Test Mode: Transmitting in 802.11ac40 mode low channel  
Standard: FCC Part 15.407 & FCC Part 15.205 & FCC Part 15.209  
Test Engineer: Peter Wang

Full Spectrum

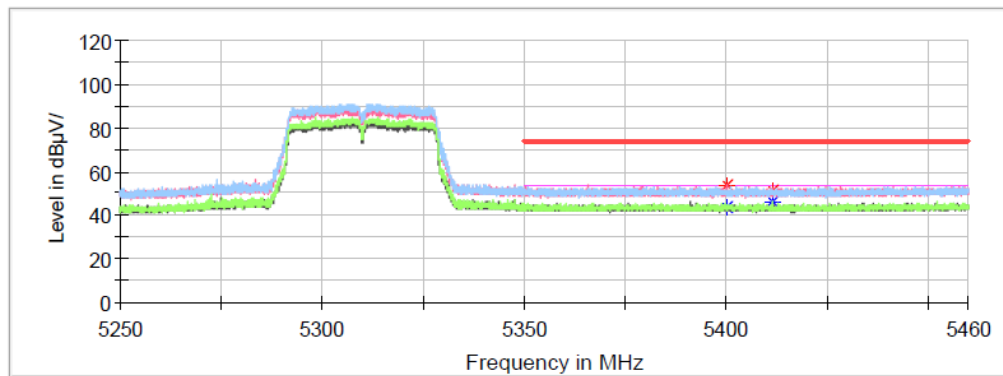
**Critical\_Freqs**

| Frequency (MHz) | MaxPeak (dB µ V/m) | Average (dB µ V/m) | Limit (dB µ V/m) | Margin (dB) | Pol | Corr. (dB/m) |
|-----------------|--------------------|--------------------|------------------|-------------|-----|--------------|
| 5108.685000     | ---                | 44.51              | 54.00            | 9.49        | V   | 4.1          |
| 5108.685000     | 50.24              | ---                | 74.00            | 23.76       | V   | 4.1          |
| 5111.405000     | ---                | 43.78              | 54.00            | 10.22       | H   | 4.1          |
| 5111.405000     | 52.44              | ---                | 74.00            | 21.56       | H   | 4.1          |

## Common Information

Project No.: RKSA240319001  
Test Mode: Transmitting in 802.11ac40 mode high channel  
Standard: FCC Part 15.407 & FCC Part 15.205 & FCC Part 15.209  
Test Engineer: Peter Wang

Full Spectrum



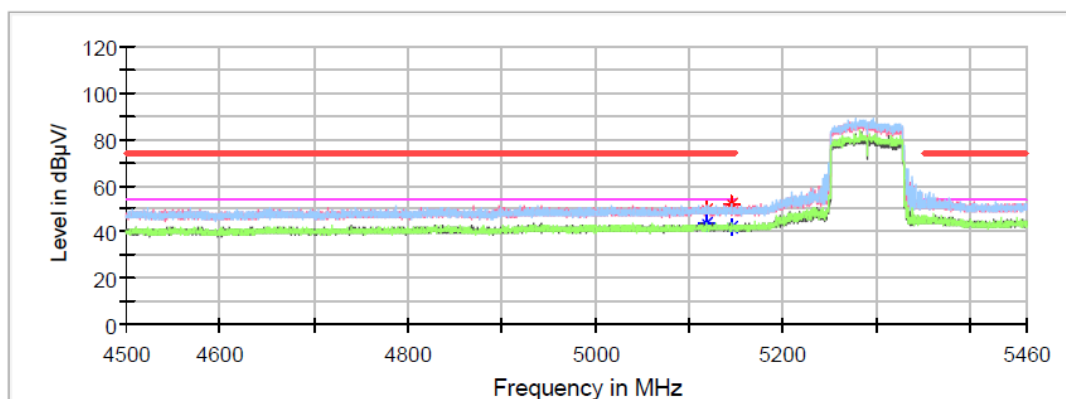
## Critical\_Freqs

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Pol | Corr. (dB/m) |
|-----------------|--------------------|--------------------|------------------|-------------|-----|--------------|
| 5400.255000     | 53.40              | ---                | 74.00            | 20.60       | V   | 4.9          |
| 5400.255000     | ---                | 44.03              | 54.00            | 9.97        | V   | 4.9          |
| 5411.406000     | 50.77              | ---                | 74.00            | 23.23       | H   | 4.9          |
| 5411.406000     | ---                | 46.22              | 54.00            | 7.78        | H   | 4.9          |

**802.11ac80 Mode:****Common Information**

Project No.: RKSA240319001  
Test Mode: Transmitting in 802.11ac80 mode middle channel  
Standard: FCC Part 15.407 & FCC Part 15.205 & FCC Part 15.209  
Test Engineer: Peter Wang

Full Spectrum

**Critical Freqs**

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Pol | Corr. (dB/m) |
|-----------------|--------------------|--------------------|------------------|-------------|-----|--------------|
| 5118.048000     | ---                | 43.86              | 54.00            | 10.14       | H   | 4.1          |
| 5118.048000     | 49.26              | ---                | 74.00            | 24.74       | H   | 4.1          |
| 5145.216000     | ---                | 42.18              | 54.00            | 11.82       | H   | 4.2          |
| 5145.216000     | 52.03              | ---                | 74.00            | 21.97       | H   | 4.2          |

**Restricted Bands Emissions Test (5470-5725MHz Band):**

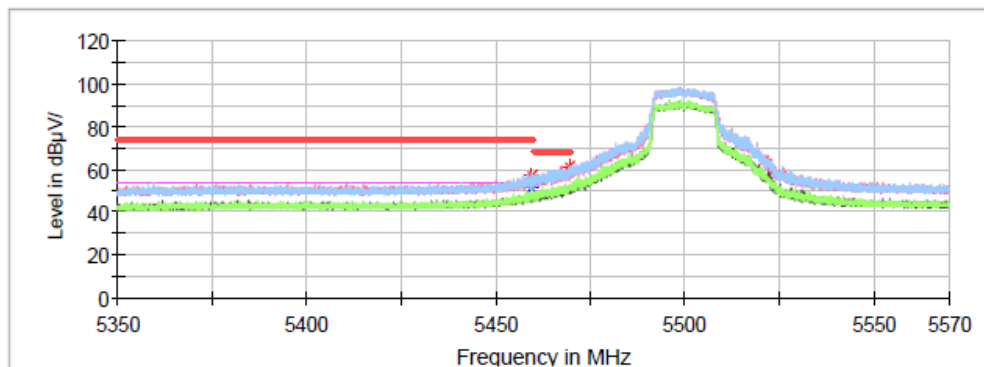
Note:

1. Corrected Factor = Antenna factor (RX) + Cable Loss – Amplifier Factor
2. Corrected Amplitude = Corrected Factor + Reading
3. Margin = Limit - Corrected. Amplitude

**802.11a Mode:****Common Information**

Project No.: RKSA240319001  
 Test Mode: Transmitting in 802.11a mode low channel  
 Standard: FCC Part 15.407 & FCC Part 15.205 & FCC Part 15.209  
 Test Engineer: Peter Wang

Full Spectrum

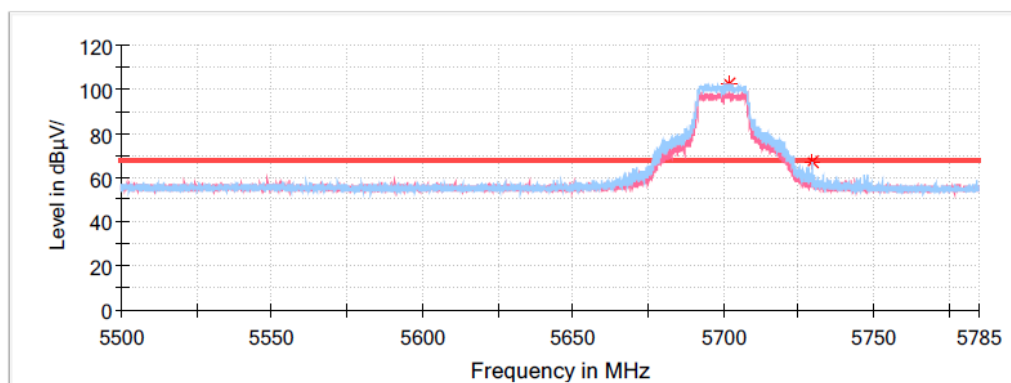
**Critical Freqs**

| Frequency (MHz) | MaxPeak (dB µ V/m) | Average (dB µ V/m) | Limit (dB µ V/m) | Margin (dB) | Pol | Corr. (dB/m) |
|-----------------|--------------------|--------------------|------------------|-------------|-----|--------------|
| 5459.494000     | 56.95              | ---                | 74.00            | 17.05       | H   | 5.0          |
| 5459.494000     | ---                | 50.87              | 54.00            | 3.13        | H   | 5.0          |
| 5469.636000     | 61.14              | ---                | 68.20            | 7.06        | H   | 5.0          |

## Common Information

Project No.: RKSA240319001  
Test Mode: Transmitting in 802.11a mode high channel  
Standard: FCC Part 15.407 & FCC Part 15.205 & FCC Part 15.209  
Test Engineer: Peter Wang

Full Spectrum



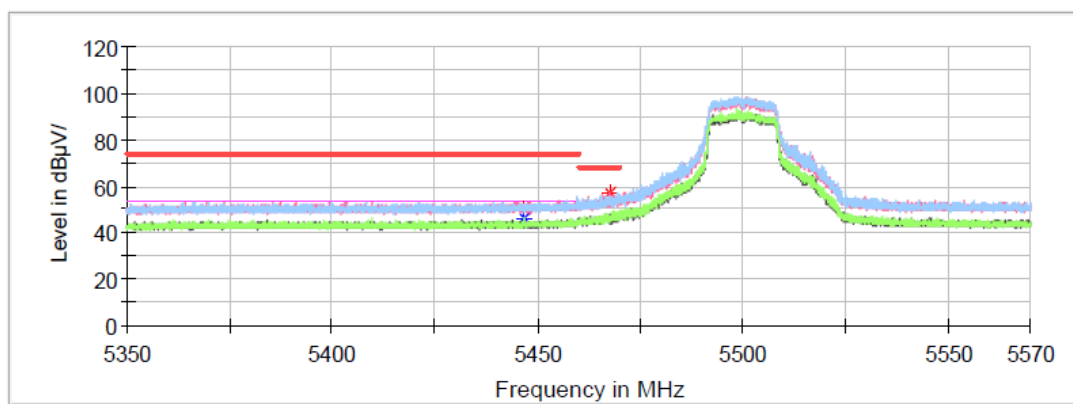
## Critical\_Freqs

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Pol | Corr. (dB/m) |
|-----------------|--------------------|--------------------|------------------|-------------|-----|--------------|
| 5729.852500     | 66.90              | ---                | 68.20            | 1.30        | H   | 10.5         |

**802.11ac20 Mode:****Common Information**

Project No.: RKSA240319001  
Test Mode: Transmitting in 802.11ac20 mode low channel  
Standard: FCC Part 15.407 & FCC Part 15.205 & FCC Part 15.209  
Test Engineer: Peter Wang

Full Spectrum

**Critical\_Freqs**

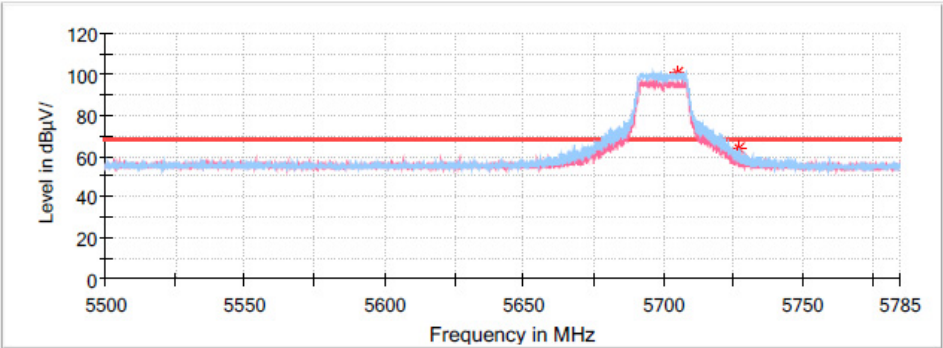
| Frequency (MHz) | MaxPeak (dB µ V/m) | Average (dB µ V/m) | Limit (dB µ V/m) | Margin (dB) | Pol | Corr. (dB/m) |
|-----------------|--------------------|--------------------|------------------|-------------|-----|--------------|
| 5446.580000     | 50.55              | ---                | 74.00            | 23.45       | V   | 5.0          |
| 5446.580000     | ---                | 46.26              | 54.00            | 7.74        | V   | 5.0          |
| 5467.414000     | 57.03              | ---                | 68.20            | 11.17       | V   | 5.0          |

Common Information

Project No.:  
Test Mode:  
Standard:  
Test Engineer:

RKSA240319001  
Transmitting in 802.11ac20 mode high channel  
FCC Part 15.407 & FCC Part 15.205 & FCC Part 15.209  
Peter Wang

Full Spectrum



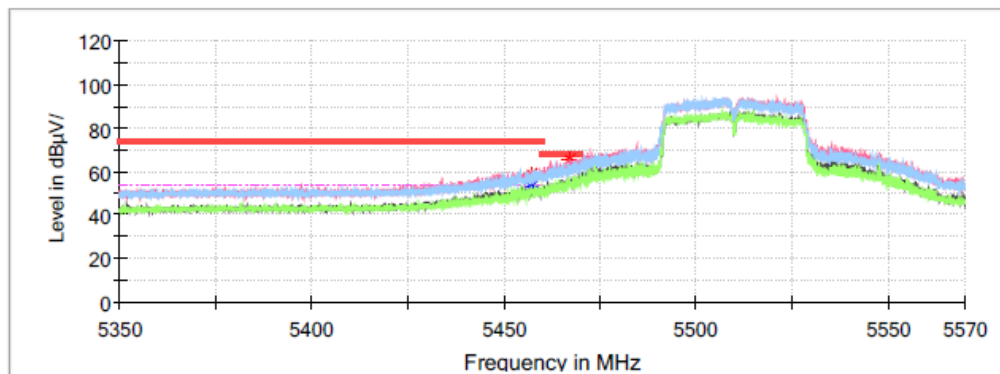
Critical\_Freqs

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Pol | Corr. (dB/m) |
|-----------------|--------------------|--------------------|------------------|-------------|-----|--------------|
| 5727.059500     | 63.99              | ---                | 68.20            | 4.21        | H   | 10.5         |

**802.11ac40 Mode:****Common Information**

|                |                                                     |
|----------------|-----------------------------------------------------|
| Project No.:   | RKSA240319001                                       |
| Test Mode:     | Transmitting in 802.11ac40 mode low channel         |
| Standard:      | FCC Part 15.407 & FCC Part 15.205 & FCC Part 15.209 |
| Test Engineer: | Peter Wang                                          |

Full Spectrum

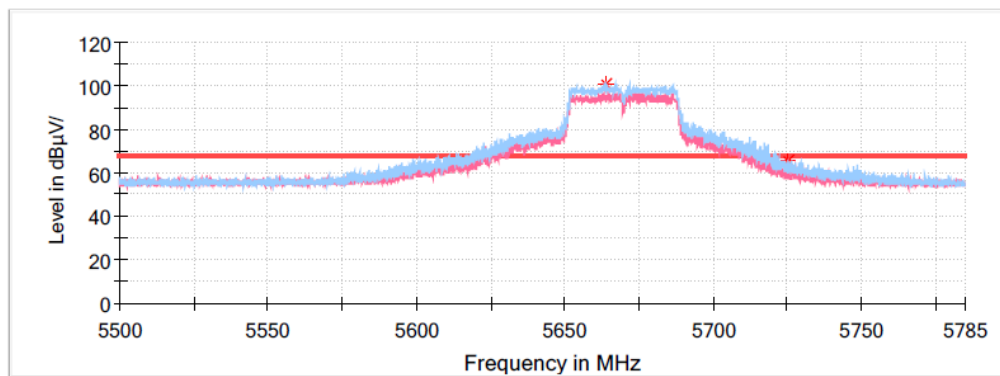
**Critical Freqs**

| Frequency (MHz) | MaxPeak (dB µ V/m) | Average (dB µ V/m) | Limit (dB µ V/m) | Margin (dB) | Pol | Corr. (dB/m) |
|-----------------|--------------------|--------------------|------------------|-------------|-----|--------------|
| 5457.338000     | 59.00              | ---                | 74.00            | 15.00       | H   | 5.0          |
| 5457.338000     | ---                | 53.14              | 54.00            | 0.86        | H   | 5.0          |
| 5467.260000     | 65.64              | ---                | 68.20            | 2.56        | V   | 5.0          |

## Common Information

Project No.: RKSA240319001  
Test Mode: Transmitting in 802.11ac40 mode high channel  
Standard: FCC Part 15.407 & FCC Part 15.205 & FCC Part 15.209  
Test Engineer: Peter Wang

Full Spectrum



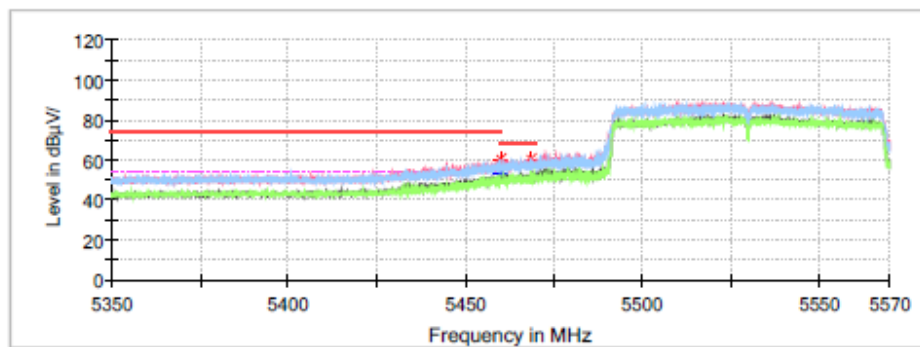
## Critical\_Freqs

| Frequency (MHz) | MaxPeak (dB $\mu$ V/m) | Average (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Pol | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----|--------------|
| 5725.235500     | 65.38                  | ---                    | 68.20                | 2.82        | H   | 10.5         |

**802.11ac80 Mode:****Common Information**

|                |                                                     |
|----------------|-----------------------------------------------------|
| Project No.:   | RKSA240319001                                       |
| Test Mode:     | Transmitting in 802.11ac80 mode low channel         |
| Standard:      | FCC Part 15.407 & FCC Part 15.205 & FCC Part 15.209 |
| Test Engineer: | Peter Wang                                          |

Full Spectrum

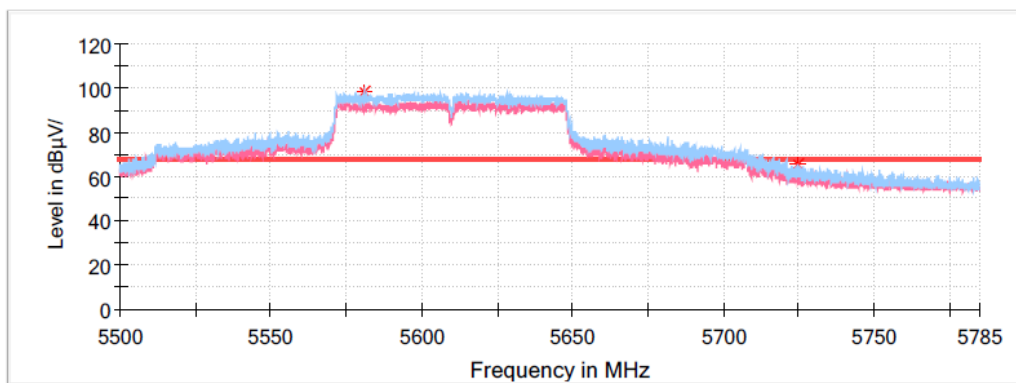
**Critical Freqs**

| Frequency (MHz) | MaxPeak (dB $\mu$ V/m) | Average (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Pol | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----|--------------|
| 5459.802000     | 60.64                  | ---                    | 74.00                | 13.36       | H   | 5.0          |
| 5459.802000     | ---                    | 52.56                  | 54.00                | 1.44        | H   | 5.0          |
| 5468.514000     | 60.43                  | ---                    | 68.20                | 7.77        | H   | 5.0          |

## Common Information

Project No.: RKSA240319001  
Test Mode: Transmitting in 802.11ac80 mode high channel  
Standard: FCC Part 15.407 & FCC Part 15.205 & FCC Part 15.209  
Test Engineer: Peter Wang

Full Spectrum



## Critical\_Freqs

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Pol | Corr. (dB/m) |
|-----------------|--------------------|--------------------|------------------|-------------|-----|--------------|
| 5725.007500     | 65.40              | ---                | 68.20            | 2.80        | H   | 10.5         |

**Bandedge Emissions Test (5725-5850MHz Band):**

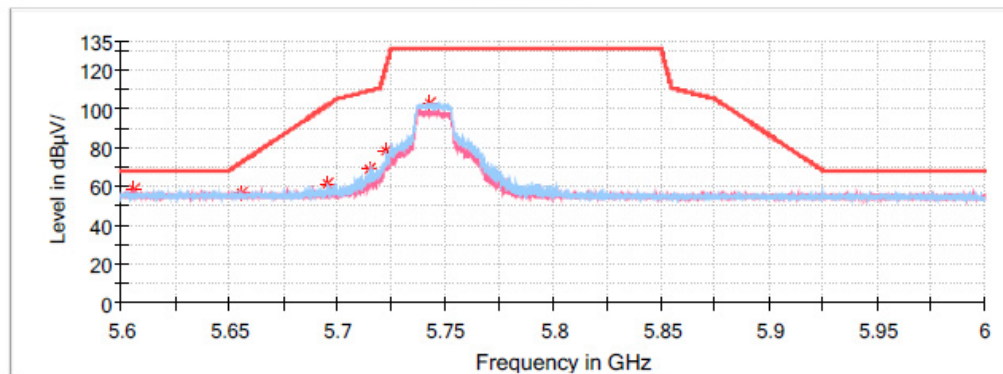
Note:

1. Corrected Factor = Antenna factor (RX) + Cable Loss – Amplifier Factor
2. Corrected Amplitude = Corrected Factor + Reading
3. Margin = Limit - Corrected. Amplitude

**802.11a Mode:****Common Information**

|                |                                                     |
|----------------|-----------------------------------------------------|
| Project No.:   | RKSA240319001                                       |
| Test Mode:     | Transmitting in 802.11a mode low channel            |
| Standard:      | FCC Part 15.407 & FCC Part 15.205 & FCC Part 15.209 |
| Test Engineer: | Peter Wang                                          |

Full Spectrum

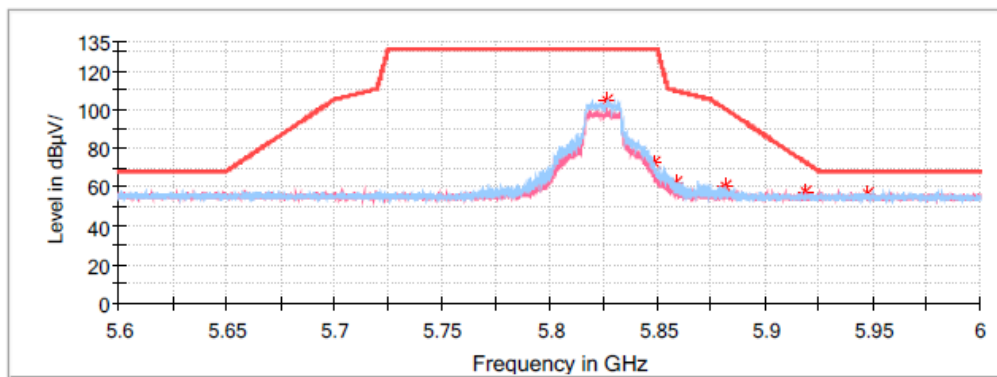
**Critical\_Freqs**

| Frequency (MHz) | MaxPeak (dB µ V/m) | Average (dB µ V/m) | Limit (dB µ V/m) | Margin (dB) | Pol | Corr. (dB/m) |
|-----------------|--------------------|--------------------|------------------|-------------|-----|--------------|
| 5606.240000     | 58.28              | ---                | 68.20            | 9.92        | V   | 10.7         |
| 5656.200000     | 57.01              | ---                | 72.79            | 15.78       | V   | 10.6         |
| 5695.480000     | 61.03              | ---                | 101.86           | 40.82       | H   | 10.6         |
| 5715.200000     | 68.86              | ---                | 109.46           | 40.60       | H   | 10.6         |
| 5723.000000     | 78.44              | ---                | 123.04           | 44.60       | H   | 10.6         |

## Common Information

Project No.: RKSA240319001  
Test Mode: Transmitting in 802.11a mode high channel  
Standard: FCC Part 15.407 & FCC Part 15.205 & FCC Part 15.209  
Test Engineer: Peter Wang

Full Spectrum



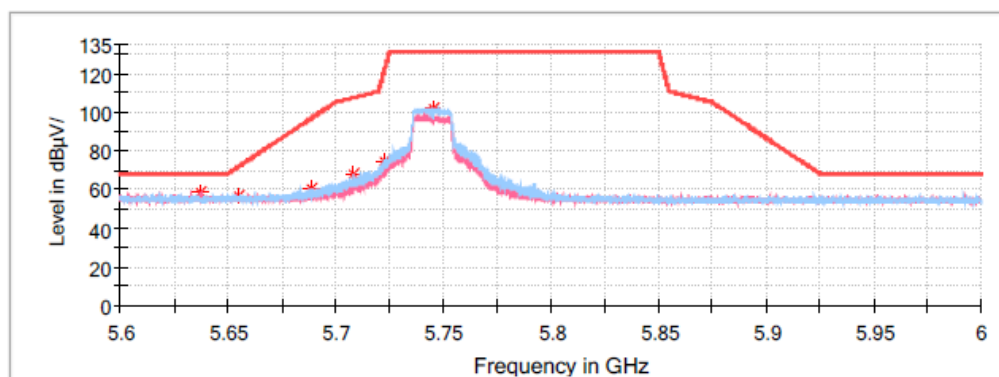
## Critical Freqs

| Frequency (MHz) | MaxPeak (dBμ V/m) | Average (dBμ V/m) | Limit (dBμ V/m) | Margin (dB) | Pol | Corr. (dB/m) |
|-----------------|-------------------|-------------------|-----------------|-------------|-----|--------------|
| 5859.080000     | 62.48             | ---               | 109.66          | 47.18       | H   | 10.4         |
| 5881.440000     | 60.12             | ---               | 100.43          | 40.32       | H   | 10.3         |
| 5918.840000     | 57.63             | ---               | 72.76           | 15.13       | V   | 10.3         |
| 5947.600000     | 56.55             | ---               | 68.20           | 11.65       | V   | 10.3         |

**802.11ac20 Mode:****Common Information**

Project No.: RKSA240319001  
Test Mode: Transmitting in 802.11ac20 mode low channel  
Standard: FCC Part 15.407 & FCC Part 15.205 & FCC Part 15.209  
Test Engineer: Peter Wang

Full Spectrum

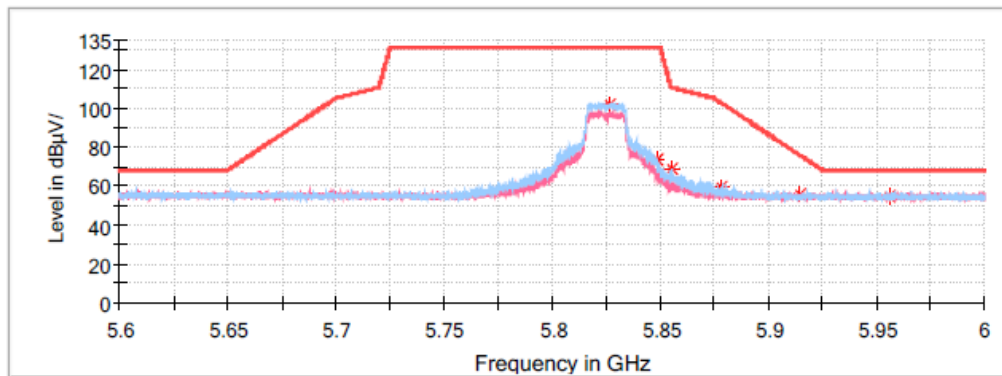
**Critical Freqs**

| Frequency (MHz) | MaxPeak (dBμ V/m) | Average (dBμ V/m) | Limit (dBμ V/m) | Margin (dB) | Pol | Corr. (dB/m) |
|-----------------|-------------------|-------------------|-----------------|-------------|-----|--------------|
| 5637.440000     | 58.48             | ---               | 68.20           | 9.72        | H   | 10.7         |
| 5654.680000     | 57.04             | ---               | 71.66           | 14.62       | H   | 10.6         |
| 5688.440000     | 60.58             | ---               | 96.65           | 36.06       | H   | 10.6         |
| 5708.080000     | 67.64             | ---               | 107.46          | 39.82       | H   | 10.6         |
| 5722.920000     | 74.84             | ---               | 122.71          | 47.88       | H   | 10.6         |

## Common Information

Project No.: RKSA240319001  
Test Mode: Transmitting in 802.11ac20 mode high channel  
Standard: FCC Part 15.407 & FCC Part 15.205 & FCC Part 15.209  
Test Engineer: Peter Wang

Full Spectrum



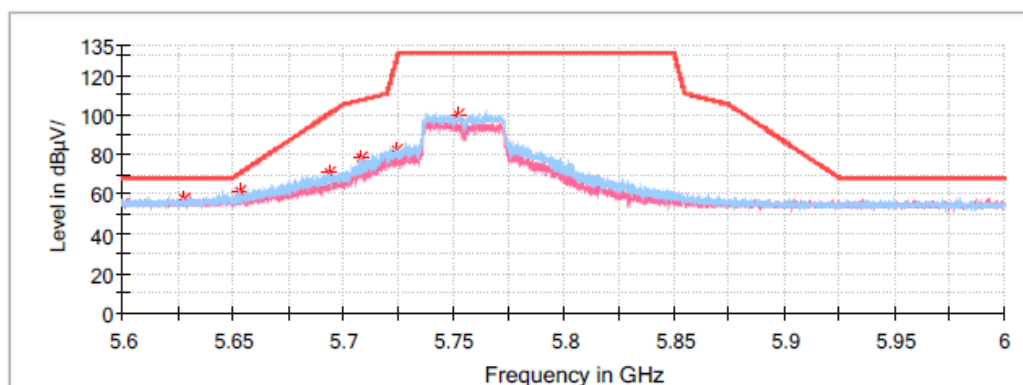
## Critical Freqs

| Frequency (MHz) | MaxPeak (dBμ V/m) | Average (dBμ V/m) | Limit (dBμ V/m) | Margin (dB) | Pol | Corr. (dB/m) |
|-----------------|-------------------|-------------------|-----------------|-------------|-----|--------------|
| 5855.400000     | 69.16             | ---               | 110.69          | 41.53       | H   | 10.4         |
| 5878.000000     | 59.86             | ---               | 102.98          | 43.12       | H   | 10.3         |
| 5914.840000     | 56.06             | ---               | 75.72           | 19.66       | H   | 10.3         |
| 5956.240000     | 55.06             | ---               | 68.20           | 13.14       | H   | 10.2         |

**802.11ac40 Mode:****Common Information**

Project No.: RKSA240319001  
Test Mode: Transmitting in 802.11ac40 mode low channel  
Standard: FCC Part 15.407 & FCC Part 15.205 & FCC Part 15.209  
Test Engineer: Peter Wang

Full Spectrum

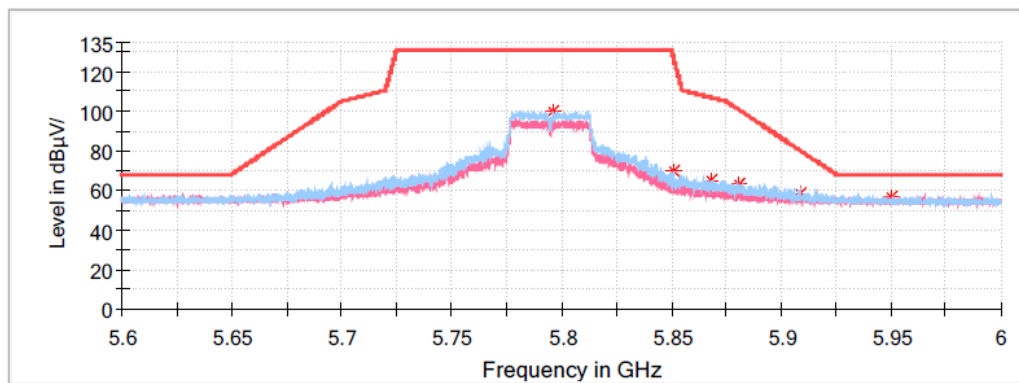
**Critical\_Freqs**

| Frequency (MHz) | MaxPeak (dBμ V/m) | Average (dBμ V/m) | Limit (dBμ V/m) | Margin (dB) | Pol | Corr. (dB/m) |
|-----------------|-------------------|-------------------|-----------------|-------------|-----|--------------|
| 5627.880000     | 57.23             | ---               | 68.20           | 10.97       | H   | 10.7         |
| 5653.640000     | 60.97             | ---               | 70.89           | 9.93        | H   | 10.6         |
| 5694.160000     | 70.54             | ---               | 100.88          | 30.34       | H   | 10.6         |
| 5707.880000     | 78.07             | ---               | 107.41          | 29.33       | H   | 10.6         |
| 5724.120000     | 82.38             | ---               | 127.61          | 45.23       | H   | 10.5         |

## Common Information

Project No.: RKSA240319001  
Test Mode: Transmitting in 802.11ac40 mode high channel  
Standard: FCC Part 15.407 & FCC Part 15.205 & FCC Part 15.209  
Test Engineer: Peter Wang

Full Spectrum



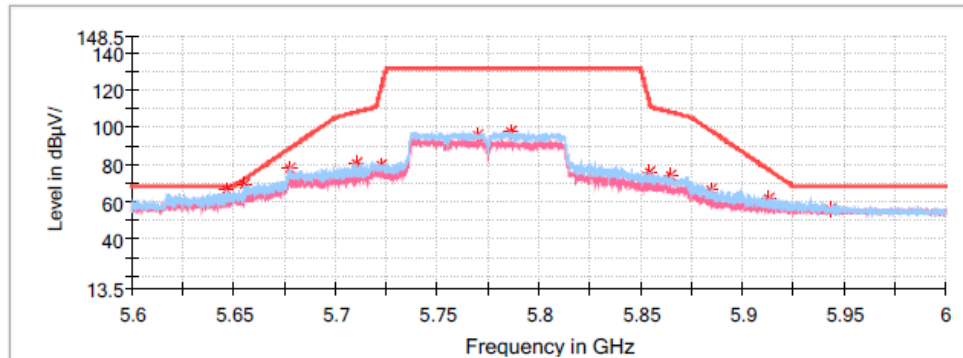
## Critical\_Freqs

| Frequency (MHz) | MaxPeak (dBμ V/m) | Average (dBμ V/m) | Limit (dBμ V/m) | Margin (dB) | Pol | Corr. (dB/m) |
|-----------------|-------------------|-------------------|-----------------|-------------|-----|--------------|
| 5850.880000     | 69.84             | ---               | 127.61          | 57.77       | H   | 10.4         |
| 5867.960000     | 65.22             | ---               | 107.17          | 41.95       | H   | 10.4         |
| 5880.800000     | 62.85             | ---               | 100.91          | 38.06       | H   | 10.3         |
| 5908.920000     | 58.53             | ---               | 80.10           | 21.57       | H   | 10.3         |
| 5950.360000     | 56.70             | ---               | 68.20           | 11.50       | H   | 10.3         |

## Common Information

Project No.: RKSA240319001  
Test Mode: Transmitting in 802.11ac80  
Standard: FCC Part 15.407 & FCC Part 15.205 & FCC Part 15.209  
Test Engineer: Peter Wang

Full Spectrum



## Critical Freqs

| Frequency (MHz) | MaxPeak (dBμ V/m) | Average (dBμ V/m) | Limit (dBμ V/m) | Margin (dB) | Pol | Corr. (dB/m) |
|-----------------|-------------------|-------------------|-----------------|-------------|-----|--------------|
| 5646.320000     | 66.57             | ---               | 68.20           | 1.63        | H   | 10.6         |
| 5655.440000     | 69.12             | ---               | 72.23           | 3.10        | H   | 10.6         |
| 5677.760000     | 77.24             | ---               | 88.74           | 11.50       | H   | 10.6         |
| 5710.360000     | 80.93             | ---               | 108.10          | 27.17       | H   | 10.6         |
| 5722.640000     | 79.17             | ---               | 121.57          | 42.40       | H   | 10.6         |
| 5854.240000     | 76.14             | ---               | 113.90          | 37.76       | H   | 10.4         |
| 5864.680000     | 73.67             | ---               | 108.09          | 34.42       | H   | 10.4         |
| 5884.800000     | 66.37             | ---               | 97.95           | 31.58       | H   | 10.3         |
| 5913.040000     | 61.42             | ---               | 77.05           | 15.63       | H   | 10.3         |
| 5943.080000     | 56.25             | ---               | 68.20           | 11.95       | H   | 10.3         |

**EMISSION BANDWIDTH****Test Result:** Compliant*5150-5250 MHz:*

| Test mode   | Channel | Frequency (MHz) | 26dB Bandwidth (MHz) | 99% Bandwidth (MHz) |
|-------------|---------|-----------------|----------------------|---------------------|
| 802.11 a    | Low     | 5180            | 24.200               | 16.650              |
|             | Middle  | 5200            | 24.343               | 16.650              |
|             | High    | 5240            | 22.954               | 16.650              |
| 802.11 ac20 | Low     | 5180            | 24.352               | 17.850              |
|             | Middle  | 5200            | 24.113               | 17.800              |
|             | High    | 5240            | 24.375               | 17.800              |
| 802.11 ac40 | Low     | 5190            | 41.958               | 36.400              |
|             | High    | 5230            | 41.658               | 36.300              |
| 802.11 ac80 | Middle  | 5210            | 95.704               | 76.400              |

Note: the 99% Occupied Bandwidth have not fall into the band 5250-5350MHz.

*5250-5350 MHz:*

| Test mode   | Channel | Frequency (MHz) | 26dB Bandwidth (MHz) | 99% Bandwidth (MHz) |
|-------------|---------|-----------------|----------------------|---------------------|
| 802.11 a    | Low     | 5260            | 23.545               | 16.600              |
|             | Middle  | 5280            | 23.104               | 16.600              |
|             | High    | 5320            | 22.561               | 16.600              |
| 802.11 ac20 | Low     | 5260            | 23.464               | 17.750              |
|             | Middle  | 5280            | 23.408               | 17.750              |
|             | High    | 5320            | 24.745               | 17.750              |
| 802.11 ac40 | Low     | 5270            | 41.700               | 36.400              |
|             | High    | 5310            | 41.800               | 36.300              |
| 802.11 ac80 | Middle  | 5290            | 99.000               | 76.000              |

*5470-5725 MHz:*

| Test mode   | Channel | Frequency (MHz) | 26dB Bandwidth (MHz) | 99% Bandwidth (MHz) |
|-------------|---------|-----------------|----------------------|---------------------|
| 802.11 a    | Low     | 5500            | 22.358               | 16.500              |
|             | Middle  | 5580            | 21.833               | 16.550              |
|             | High    | 5700            | 22.950               | 16.550              |
|             | Cross   | 5720            | 32.034               | 17.650              |
| 802.11 ac20 | Low     | 5500            | 23.202               | 17.750              |
|             | Middle  | 5580            | 23.199               | 17.750              |
|             | High    | 5700            | 23.747               | 17.750              |
|             | Cross   | 5720            | 27.123               | 17.900              |
| 802.11 ac40 | Low     | 5510            | 42.058               | 36.300              |
|             | Middle  | 5550            | 41.758               | 36.400              |
|             | High    | 5670            | 46.953               | 36.500              |
|             | Cross   | 5710            | 49.303               | 36.700              |
| 802.11 ac80 | Low     | 5530            | 95.305               | 76.200              |
|             | Middle  | 5610            | 146.036              | 79.200              |
|             | High    | 5690            | 131.270              | 76.200              |

5725-5850MHz:

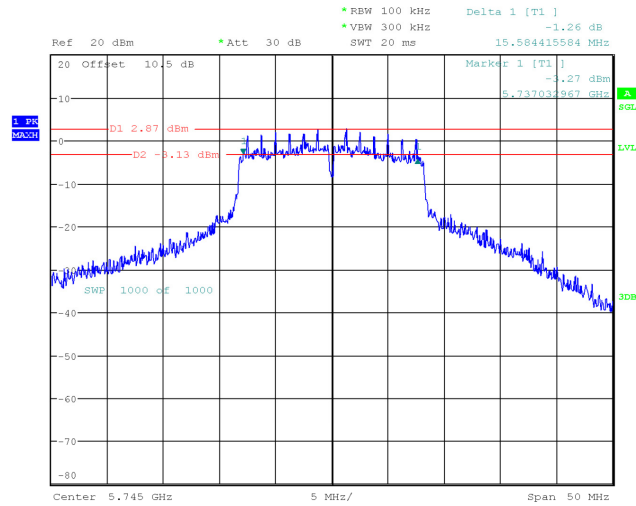
| Test mode   | Channel | Frequency (MHz) | 99% Bandwidth (MHz) |
|-------------|---------|-----------------|---------------------|
| 802.11 a    | Low     | 5745            | 19.650              |
|             | Middle  | 5785            | 18.150              |
|             | High    | 5825            | 18.000              |
| 802.11 ac20 | Low     | 5745            | 19.800              |
|             | Middle  | 5785            | 18.450              |
|             | High    | 5825            | 19.150              |
| 802.11 ac40 | Low     | 5755            | 36.600              |
|             | High    | 5795            | 36.500              |
| 802.11 ac80 | Middle  | 5775            | 78.000              |

Note: the 99% Occupied Bandwidth have not fall into the band 5470-5725MHz.

| Test mode   | Channel | Frequency (MHz) | 6dB Bandwidth (MHz) | Limit (MHz) |
|-------------|---------|-----------------|---------------------|-------------|
| 802.11 a    | Low     | 5745            | 15.584              | 0.5         |
|             | Middle  | 5785            | 15.834              |             |
|             | High    | 5825            | 15.485              |             |
| 802.11 ac20 | Low     | 5745            | 16.134              |             |
|             | Middle  | 5785            | 16.184              |             |
|             | High    | 5825            | 16.134              |             |
| 802.11 ac40 | Low     | 5755            | 35.964              |             |
|             | High    | 5795            | 35.964              |             |
| 802.11 ac80 | Middle  | 5775            | 76.324              |             |

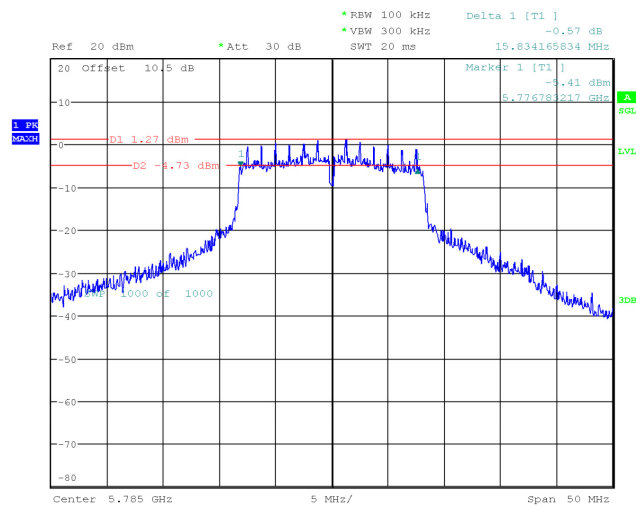
**6dB Bandwidth  
5725-5850 MHz Band**

**802.11a mode, 5745MHz**



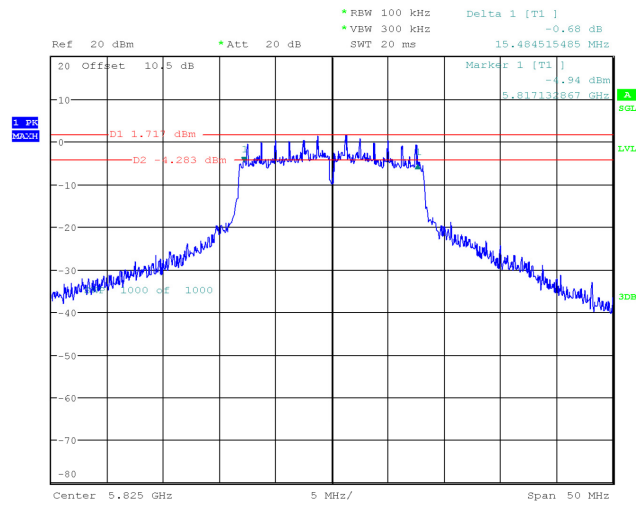
ProjectNo.:RKSA240319001 Tester:Loki Shi  
Date: 17.MAY.2024 10:24:04

**802.11a mode, 5785MHz**



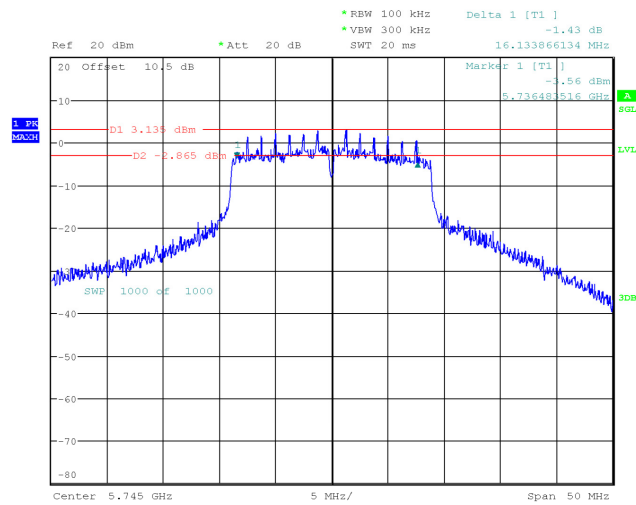
ProjectNo.:RKSA240319001 Tester:Loki Shi  
Date: 17.MAY.2024 10:30:46

### 802.11a mode, 5825MHz



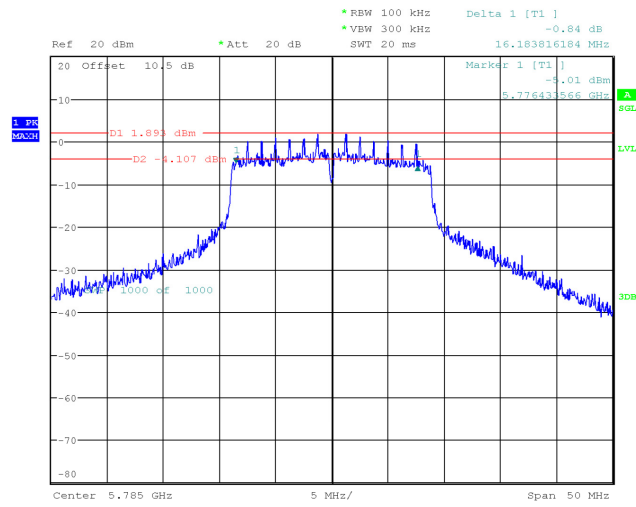
ProjectNo.:RKSA240319001 Tester:Loki Shi  
 Date: 17.MAY.2024 11:26:44

### 802.11ac20 mode, 5745MHz



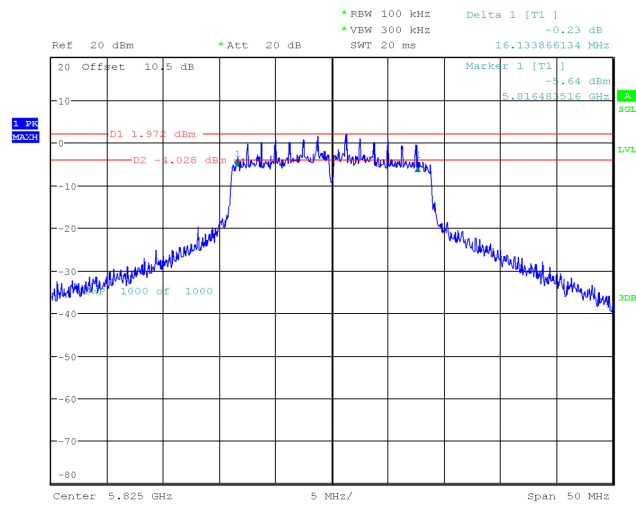
ProjectNo.:RKSA240319001 Tester:Loki Shi  
 Date: 17.MAY.2024 12:03:21

### 802.11 ac20 mode, 5785MHz



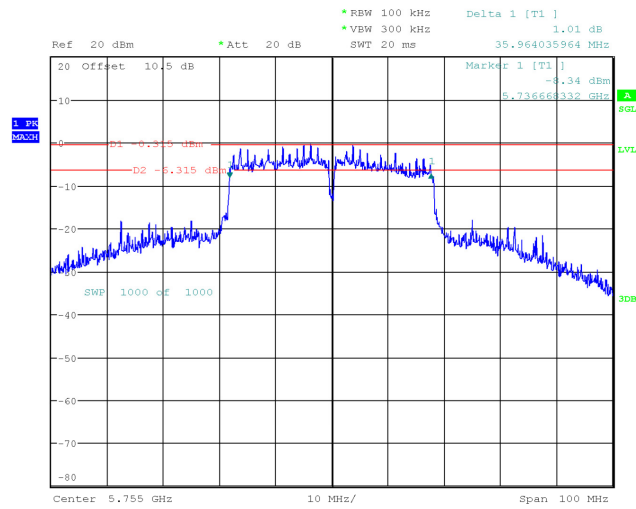
ProjectNo.:RKSA240319001 Tester:Loki Shi  
 Date: 17.MAY.2024 13:06:23

### 802.11 ac20 mode, 5825MHz



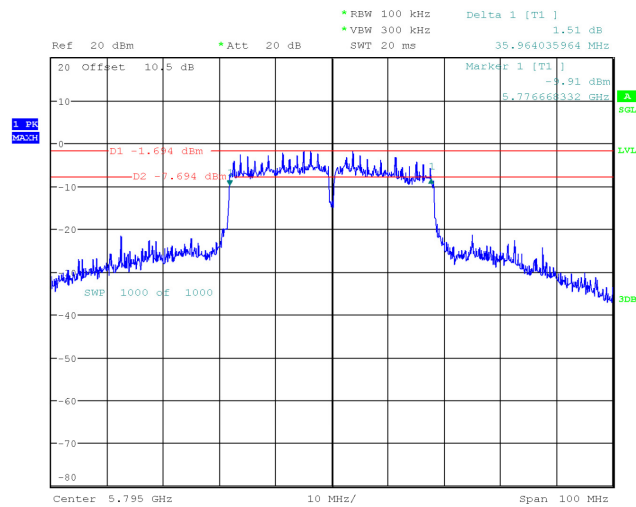
ProjectNo.:RKSA240319001 Tester:Loki Shi  
 Date: 17.MAY.2024 13:10:12

### 802.11ac40 mode, 5755MHz



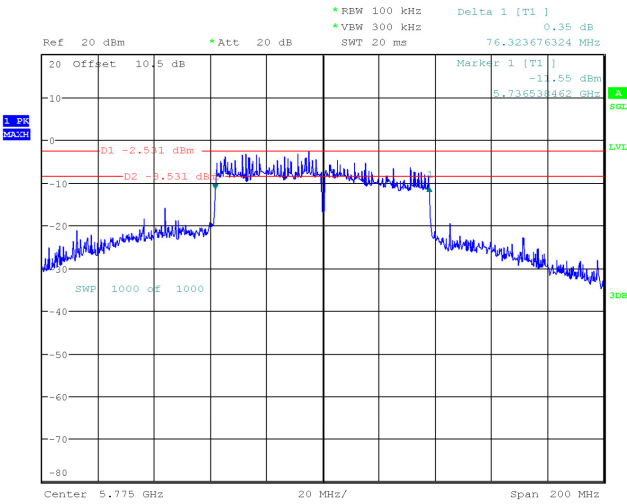
ProjectNo.:RKSA240319001 Tester:Loki Shi  
 Date: 17.MAY.2024 13:17:18

### 802.11 ac40 mode, 5795MHz



ProjectNo.:RKSA240319001 Tester:Loki Shi  
 Date: 17.MAY.2024 13:23:04

802.11ac80 mode, 5775MHz

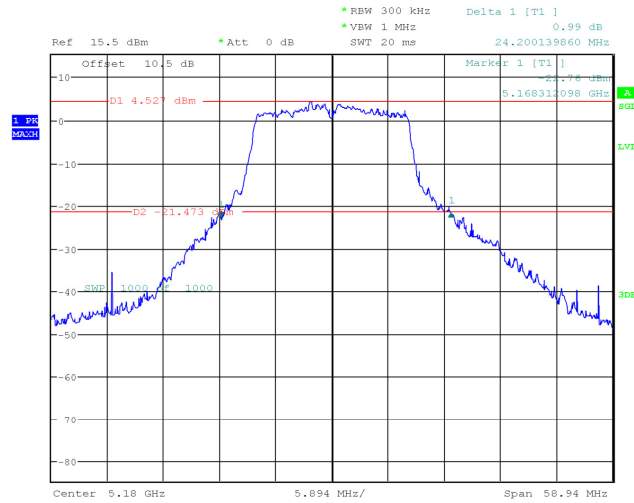


ProjectNo.:RKSA240319001 Tester:Loki Shi  
Date: 17.MAY.2024 13:32:19

## 26 Bandwidth

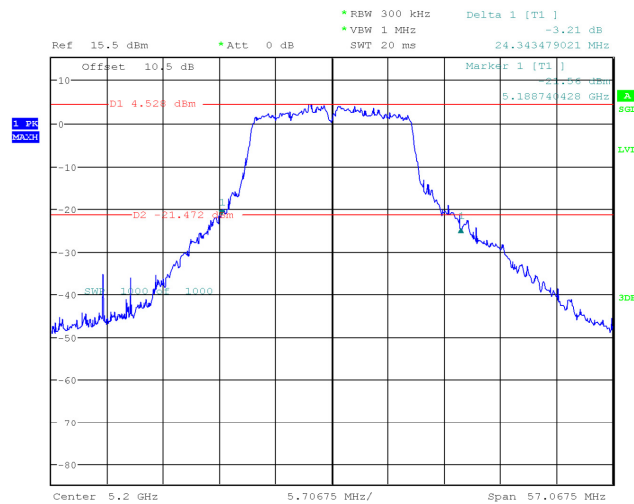
5150-5250 MHz Band:

802.11a mode, 5180MHz



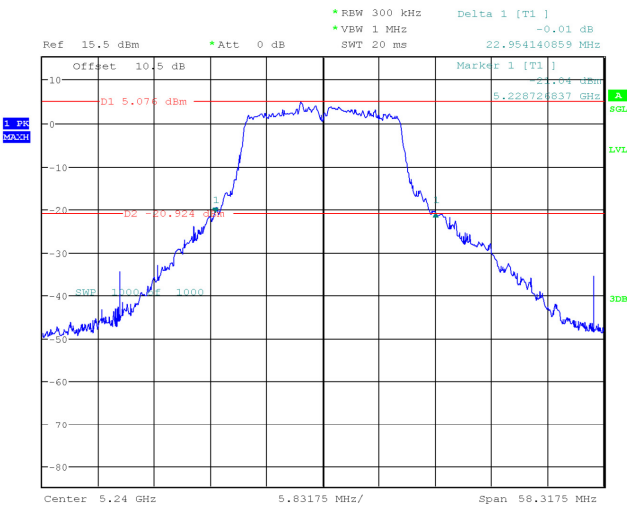
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Date: 16.MAY.2024 13:54:17

802.11a mode, 5200MHz



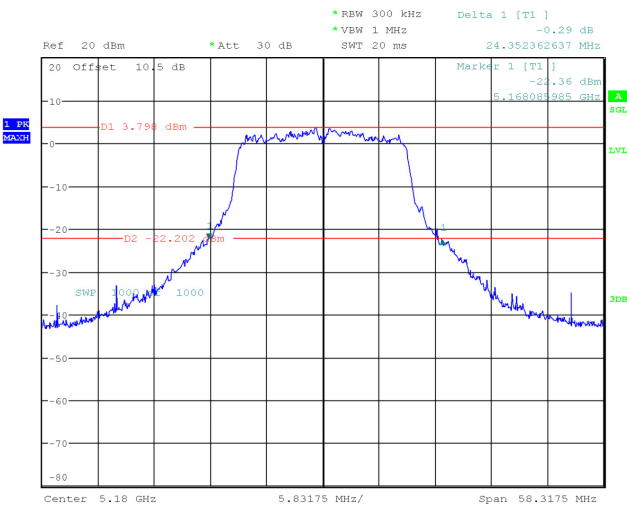
ProjectNo.:RKSA240319001 Tester:Loki Shi  
Date: 16.MAY.2024 13:59:16

802.11a mode, 5240MHz



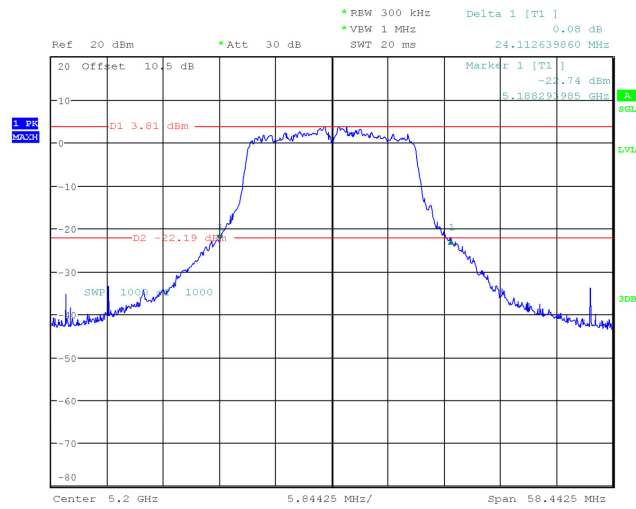
ProjectNo.:RKSA240319001 Tester:Loki Shi  
Date: 16.MAY.2024 14:04:00

802.11ac20 mode, 5180MHz



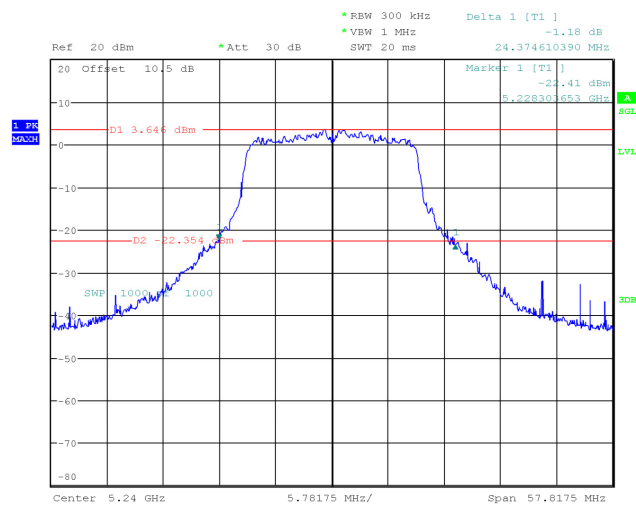
ProjectNo.:RKSA240319001 Tester:Loki Shi  
Date: 16.MAY.2024 16:35:13

### 802.11 ac20 mode, 5200MHz



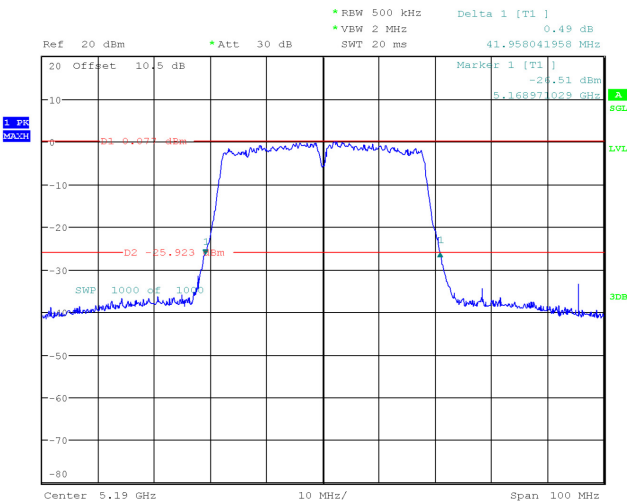
ProjectNo.:RKSA240319001 Tester:Loki Shi  
 Date: 16.MAY.2024 16:40:53

### 802.11 ac20 mode, 5240MHz



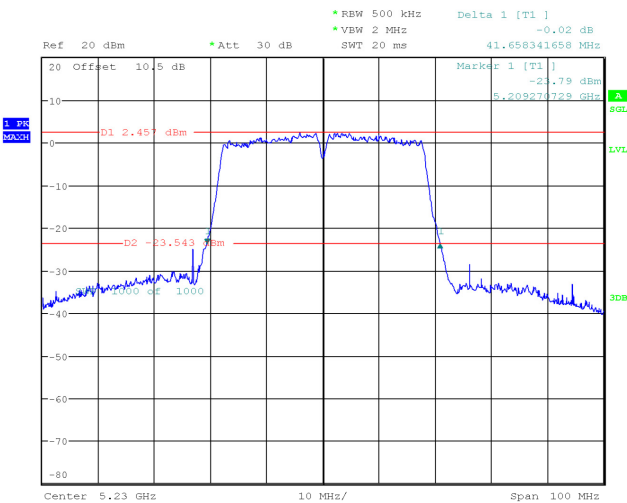
ProjectNo.:RKSA240319001 Tester:Loki Shi  
 Date: 16.MAY.2024 16:51:53

802.11ac40 mode, 5190MHz



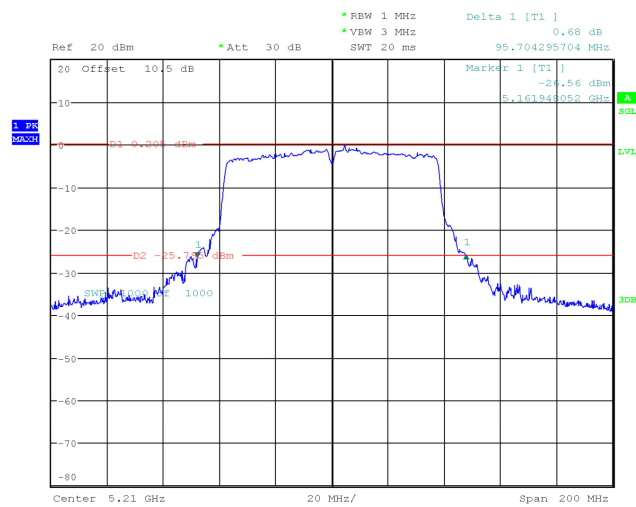
ProjectNo.:RKSA240319001 Tester:Loki Shi  
Date: 16.MAY.2024 16:59:46

802.11 ac40 mode, 5230MHz



ProjectNo.:RKSA240319001 Tester:Loki Shi  
Date: 16.MAY.2024 17:33:57

802.11ac80 mode, 5210MHz



ProjectNo.:RKSA240319001 Tester:Loki Shi  
Date: 16.MAY.2024 17:40:10