

APPENDIX B – TEST DATA OF RADIATED EMISSION **Radiated Emission Band Edge**

The measurement results are obtained as described below:

Measure Level = Reading Level + Cable loss + Antenna factor Sample calculation: (90.10 dBuV/m) = (43.20 dBμV) + (12.40 dB) + (34.50 dB), the corresponding frequency is 5180MHz.

Note: The scanned graph represents the maximum of both horizontal and vertical polarizations and is not a single horizontal or vertical polarization scan.

Note: There were no emissions above 18GHz found within 20dB of the limit. Thus the test result was not reported according to §15.31 (o)

【5150-5250】

- 802.11a

Carrier Frequency (MHz): 5180

Channel No.: 36

Test Mode: 802.11a

Detector: Peak

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5180.0 | 43.20 | 90.10 | N/A | N/A | 12.40 | 34.50 |
| 5150.0 | -1.20 | 45.70 | -28.30 | 74.00 | 12.40 | 34.50 |

Detector: Average

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5180.0 | 29.80 | 76.70 | N/A | N/A | 12.40 | 34.50 |
| 5150.0 | -12.30 | 34.60 | -19.40 | 54.00 | 12.40 | 34.50 |

Carrier Frequency (MHz): 5240

Channel No.: 48

Test Mode: 802.11a

Detector: Peak

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5240.0 | 46.40 | 93.30 | N/A | N/A | 12.40 | 34.50 |
| 5250.0 | 10.80 | 57.70 | -16.30 | 74.00 | 12.40 | 34.50 |

Detector: Average

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5240.0 | 31.70 | 78.60 | N/A | N/A | 12.40 | 34.50 |
| 5250.0 | -10.60 | 36.30 | -17.70 | 54.00 | 12.40 | 34.50 |

● 802.11n (HT20)

Carrier Frequency (MHz): 5180

Channel No.: 36

Test Mode: 802.11n (HT20)

Detector: Peak

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5180.0 | 40.00 | 86.90 | N/A | N/A | 12.40 | 34.50 |
| 5150.0 | 6.10 | 53.00 | -21.00 | 74.00 | 12.40 | 34.50 |

Detector: Average

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5180.0 | 27.50 | 74.40 | N/A | N/A | 12.40 | 34.50 |
| 5150.0 | -8.10 | 38.80 | -15.20 | 54.00 | 12.40 | 34.50 |

Carrier Frequency (MHz): 5240

Channel No.: 48

Test Mode: 802.11n (HT20)

Detector: Peak

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5240.0 | 45.80 | 92.70 | N/A | N/A | 12.40 | 34.50 |
| 5250.0 | 8.20 | 55.10 | -18.90 | 74.00 | 12.40 | 34.50 |

Detector: Average

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5240.0 | 24.30 | 71.20 | N/A | N/A | 12.40 | 34.50 |
| 5250.0 | -6.90 | 40.00 | -14.00 | 54.00 | 12.40 | 34.50 |

● 802.11n (HT40)

Carrier Frequency (MHz): 5190

Channel No.: 38

Test Mode: 802.11n (HT40)

Detector: Peak

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5190.0 | 49.90 | 96.80 | N/A | N/A | 12.40 | 34.50 |
| 5150.0 | 19.30 | 66.20 | -7.80 | 74.00 | 12.40 | 34.50 |

Detector: Average

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5190.0 | 20.50 | 67.40 | N/A | N/A | 12.40 | 34.50 |

| | | | | | | |
|--------|-------|-------|-------|-------|-------|-------|
| 5150.0 | -2.60 | 44.30 | -9.70 | 54.00 | 12.40 | 34.50 |
|--------|-------|-------|-------|-------|-------|-------|

Carrier Frequency (MHz): 5230
 Channel No.: 46
 Test Mode: 802.11n (HT40)
 Detector: Peak

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5230.0 | 42.50 | 89.40 | N/A | N/A | 12.40 | 34.50 |
| 5250.0 | 21.40 | 68.30 | -5.70 | 74.00 | 12.40 | 34.50 |

Detector: Average

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5230.0 | 28.70 | 75.60 | N/A | N/A | 12.40 | 34.50 |
| 5250.0 | -2.00 | 44.90 | -9.10 | 54.00 | 12.40 | 34.50 |

● 802.11ac (VHT80)

Carrier Frequency (MHz): 5210
 Channel No.: 42
 Test Mode: 802.11ac (VHT80)
 Detector: Peak

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5210.0 | 44.60 | 91.50 | N/A | N/A | 12.40 | 34.50 |
| 5150.0 | 19.70 | 66.60 | -7.40 | 74.00 | 12.40 | 34.50 |

Detector: Average

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5210.0 | 30.00 | 76.90 | N/A | N/A | 12.40 | 34.50 |
| 5150.0 | 1.80 | 48.70 | -5.30 | 54.00 | 12.40 | 34.50 |

【5250-5350】

● 802.11a

Carrier Frequency (MHz): 5260
 Channel No.: 52
 Test Mode: 802.11a
 Detector: Peak

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5260.0 | 33.30 | 80.20 | N/A | N/A | 12.40 | 34.50 |
| 5240.0 | -4.40 | 42.50 | -31.50 | 74.00 | 12.40 | 34.50 |

Detector: Average

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5260.0 | 33.30 | 80.20 | N/A | N/A | 12.40 | 34.50 |
| 5240.0 | -4.40 | 42.50 | -31.50 | 74.00 | 12.40 | 34.50 |

| | | | | | | |
|--------|--------|-------|--------|-------|-------|-------|
| 5260.0 | 22.40 | 69.30 | N/A | N/A | 12.40 | 34.50 |
| 5240.0 | -18.60 | 28.30 | -25.70 | 54.00 | 12.40 | 34.50 |

Carrier Frequency (MHz): 5320

Channel No.: 64

Test Mode: 802.11a

Detector: Peak

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5320.0 | 34.70 | 81.60 | N/A | N/A | 12.40 | 34.50 |
| 5340.0 | -6.50 | 40.40 | -33.60 | 74.00 | 12.40 | 34.50 |

Detector: Average

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5320.0 | 18.60 | 65.50 | N/A | N/A | 12.40 | 34.50 |
| 5340.0 | -19.40 | 27.50 | -26.50 | 54.00 | 12.40 | 34.50 |

● 802.11n (HT20)

Carrier Frequency (MHz): 5260

Channel No.: 52

Test Mode: 802.11n (HT20)

Detector: Peak

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5260.0 | 41.40 | 88.30 | N/A | N/A | 12.40 | 34.50 |
| 5240.0 | 19.80 | 66.70 | -7.30 | 74.00 | 12.40 | 34.50 |

Detector: Average

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5260.0 | 18.60 | 65.50 | N/A | N/A | 12.40 | 34.50 |
| 5240.0 | 1.00 | 47.90 | -6.10 | 54.00 | 12.40 | 34.50 |

Carrier Frequency (MHz): 5320

Channel No.: 64

Test Mode: 802.11n (HT20)

Detector: Peak

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5320.0 | 52.4 | 99.3 | N/A | N/A | 12.40 | 34.50 |
| 5340.0 | 10.8 | 57.7 | -16.3 | 74.00 | 12.40 | 34.50 |

Detector: Average

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5320.0 | 36.00 | 82.90 | N/A | N/A | 12.40 | 34.50 |
| 5340.0 | -12.60 | 34.30 | -19.70 | 54.00 | 12.40 | 34.50 |

● 802.11n (HT40)

Carrier Frequency (MHz): 5270

Channel No.: 54

Test Mode: 802.11n (HT40)

Detector: Peak

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5270.0 | 40.90 | 87.80 | N/A | N/A | 12.40 | 34.50 |
| 5230.0 | -6.30 | 40.60 | -33.40 | 74.00 | 12.40 | 34.50 |

Detector: Average

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5270.0 | 27.60 | 74.50 | N/A | N/A | 12.40 | 34.50 |
| 5230.0 | -19.00 | 27.90 | -26.10 | 54.00 | 12.40 | 34.50 |

Carrier Frequency (MHz): 5310

Channel No.: 60

Test Mode: 802.11n (HT40)

Detector: Peak

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5310.0 | 51.40 | 98.30 | N/A | N/A | 12.40 | 34.50 |
| 5350.0 | 13.20 | 60.10 | -13.90 | 74.00 | 12.40 | 34.50 |

Detector: Average

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5310.0 | 26.60 | 73.50 | N/A | N/A | 12.40 | 34.50 |
| 5350.0 | -2.60 | 44.30 | -9.70 | 54.00 | 12.40 | 34.50 |

● 802.11ac (VHT80)

Carrier Frequency (MHz): 5290

Channel No.: 58

Test Mode: 802.11ac (VHT80)

Detector: Peak

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5290.0 | 43.80 | 90.70 | N/A | N/A | 12.40 | 34.50 |
| 5210.0 | 20.70 | 67.60 | -6.40 | 74.00 | 12.40 | 34.50 |

Detector: Average

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5290.0 | 19.90 | 66.80 | N/A | N/A | 12.40 | 34.50 |

| | | | | | | |
|--------|-------|-------|-------|-------|-------|-------|
| 5210.0 | -0.80 | 46.10 | -7.90 | 54.00 | 12.40 | 34.50 |
|--------|-------|-------|-------|-------|-------|-------|

【5470-5725】

● 802.11a

Carrier Frequency (MHz): 5500

Channel No.: 100

Test Mode: 802.11a

Detector: Peak

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5500.0 | 48.00 | 94.90 | N/A | N/A | 12.40 | 34.50 |
| 5480.0 | 12.70 | 59.60 | -14.40 | 74.00 | 12.40 | 34.50 |

Detector: Average

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5500.0 | 32.60 | 79.50 | N/A | N/A | 12.40 | 34.50 |
| 5480.0 | -3.60 | 43.30 | -10.70 | 54.00 | 12.40 | 34.50 |

Carrier Frequency (MHz): 5700

Channel No.: 140

Test Mode: 802.11a

Detector: Peak

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5700.0 | 42.40 | 89.30 | N/A | N/A | 12.40 | 34.50 |
| 5720.0 | 9.30 | 56.20 | -17.80 | 74.00 | 12.40 | 34.50 |

Detector: Average

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5700.0 | 30.00 | 76.90 | N/A | N/A | 12.40 | 34.50 |
| 5720.0 | -8.20 | 38.70 | -15.30 | 54.00 | 12.40 | 34.50 |

● 802.11n (HT20)

Carrier Frequency (MHz): 5500

Channel No.: 100

Test Mode: 802.11n (HT20)

Detector: Peak

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5500.0 | 42.70 | 89.60 | N/A | N/A | 12.40 | 34.50 |
| 5480.0 | 10.70 | 57.60 | -16.40 | 74.00 | 12.40 | 34.50 |

Detector: Average

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5500.0 | 30.00 | 76.90 | N/A | N/A | 12.40 | 34.50 |
| 5480.0 | -8.20 | 38.70 | -15.30 | 54.00 | 12.40 | 34.50 |

| | | | | | | |
|--------|--------|-------|--------|-------|-------|-------|
| 5500.0 | 28.40 | 75.30 | N/A | N/A | 12.40 | 34.50 |
| 5480.0 | -14.90 | 32.00 | -22.00 | 54.00 | 12.40 | 34.50 |

Carrier Frequency (MHz): 5700
 Channel No.: 140
 Test Mode: 802.11n (HT20)
 Detector: Peak

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5700.0 | 42.00 | 88.90 | N/A | N/A | 12.40 | 34.50 |
| 5720.0 | 9.50 | 56.40 | -17.60 | 74.00 | 12.40 | 34.50 |

Detector: Average

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5700.0 | 29.40 | 76.30 | N/A | N/A | 12.40 | 34.50 |
| 5720.0 | -13.70 | 33.20 | -20.80 | 54.00 | 12.40 | 34.50 |

● 802.11n (HT40)

Carrier Frequency (MHz): 5510
 Channel No.: 102
 Test Mode: 802.11n (HT40)
 Detector: Peak

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5510.0 | 54.70 | 101.60 | N/A | N/A | 12.40 | 34.50 |
| 5470.0 | 6.50 | 53.40 | -20.60 | 74.00 | 12.40 | 34.50 |

Detector: Average

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5510.0 | 31.40 | 78.30 | N/A | N/A | 12.40 | 34.50 |
| 5470.0 | -7.80 | 39.10 | -14.90 | 54.00 | 12.40 | 34.50 |

Carrier Frequency (MHz): 5670
 Channel No.: 134
 Test Mode: 802.11n (HT40)
 Detector: Peak

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5670.0 | 52.70 | 99.60 | N/A | N/A | 12.40 | 34.50 |
| 5710.0 | 17.00 | 63.90 | -10.10 | 74.00 | 12.40 | 34.50 |

Detector: Average

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5670.0 | 29.70 | 76.60 | N/A | N/A | 12.40 | 34.50 |

| | | | | | | |
|--------|------|-------|-------|-------|-------|-------|
| 5710.0 | 0.80 | 47.70 | -6.30 | 54.00 | 12.40 | 34.50 |
|--------|------|-------|-------|-------|-------|-------|

● 802.11ac (VHT80)
 Carrier Frequency (MHz): 5530
 Channel No.: 106
 Test Mode: 802.11ac (VHT80)
 Detector: Peak

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5530.0 | 46.00 | 92.90 | N/A | N/A | 12.40 | 34.50 |
| 5450.0 | 11.70 | 58.60 | -15.40 | 74.00 | 12.40 | 34.50 |

Detector: Average

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5530.0 | 31.40 | 78.30 | N/A | N/A | 12.40 | 34.50 |
| 5450.0 | -2.60 | 44.30 | -9.70 | 54.00 | 12.40 | 34.50 |

Carrier Frequency (MHz): 5690
 Channel No.: 138
 Test Mode: 802.11ac (VHT80)
 Detector: Peak

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5690.0 | 47.60 | 94.50 | N/A | N/A | 12.40 | 34.50 |
| 5770.0 | 12.50 | 59.40 | -14.60 | 74.00 | 12.40 | 34.50 |

Detector: Average

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5690.0 | 32.20 | 79.10 | N/A | N/A | 12.40 | 34.50 |
| 5770.0 | -2.90 | 44.00 | -10.00 | 54.00 | 12.40 | 34.50 |

【5725-5850】

● 802.11a
 Carrier Frequency (MHz): 5745
 Channel No.: 149
 Test Mode: 802.11a
 Detector: Peak

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5745.0 | 40.60 | 87.50 | N/A | N/A | 12.40 | 34.50 |
| 5725.0 | 13.40 | 60.30 | -13.70 | 74.00 | 12.40 | 34.50 |

Detector: Average

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5745.0 | 40.60 | 87.50 | N/A | N/A | 12.40 | 34.50 |
| 5725.0 | 13.40 | 60.30 | -13.70 | 74.00 | 12.40 | 34.50 |

| | | | | | | |
|--------|-------|-------|--------|-------|-------|-------|
| 5745.0 | 25.20 | 72.10 | N/A | N/A | 12.40 | 34.50 |
| 5725.0 | -3.30 | 43.60 | -10.40 | 54.00 | 12.40 | 34.50 |

Carrier Frequency (MHz): 5825

Channel No.: 165

Test Mode: 802.11a

Detector: Peak

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5825.0 | 38.40 | 85.30 | N/A | N/A | 12.40 | 34.50 |
| 5845.0 | 7.70 | 54.60 | -19.40 | 74.00 | 12.40 | 34.50 |

Detector: Average

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5825.0 | 33.50 | 80.40 | N/A | N/A | 12.40 | 34.50 |
| 5845.0 | -8.20 | 38.70 | -15.30 | 54.00 | 12.40 | 34.50 |

● 802.11n (HT20)

Carrier Frequency (MHz): 5745

Channel No.: 149

Test Mode: 802.11n (HT20)

Detector: Peak

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5745.0 | 50.60 | 97.50 | N/A | N/A | 12.40 | 34.50 |
| 5725.0 | 13.40 | 60.30 | -13.70 | 74.00 | 12.40 | 34.50 |

Detector: Average

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5745.0 | 27.80 | 74.70 | N/A | N/A | 12.40 | 34.50 |
| 5725.0 | -3.30 | 43.60 | -10.40 | 54.00 | 12.40 | 34.50 |

Carrier Frequency (MHz): 5825

Channel No.: 165

Test Mode: 802.11n (HT20)

Detector: Peak

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5825.0 | 45.60 | 92.50 | N/A | N/A | 12.40 | 34.50 |
| 5845.0 | 9.50 | 56.40 | -17.60 | 74.00 | 12.40 | 34.50 |

Detector: Average

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5825.0 | 21.60 | 68.50 | N/A | N/A | 12.40 | 34.50 |
| 5845.0 | -14.40 | 32.50 | -21.50 | 54.00 | 12.40 | 34.50 |

● 802.11n (HT40)

Carrier Frequency (MHz): 5755

Channel No.: 151

Test Mode: 802.11n (HT40)

Detector: Peak

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5755.0 | 34.30 | 81.20 | N/A | N/A | 12.40 | 34.50 |
| 5715.0 | 11.80 | 58.70 | -15.30 | 74.00 | 12.40 | 34.50 |

Detector: Average

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5755.0 | 21.80 | 68.70 | N/A | N/A | 12.40 | 34.50 |
| 5715.0 | -2.30 | 44.60 | -9.40 | 54.00 | 12.40 | 34.50 |

Carrier Frequency (MHz): 5795

Channel No.: 159

Test Mode: 802.11n (HT40)

Detector: Peak

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5795.0 | 41.40 | 88.30 | N/A | N/A | 12.40 | 34.50 |
| 5835.0 | 7.80 | 54.70 | -19.30 | 74.00 | 12.40 | 34.50 |

Detector: Average

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5795.0 | 25.70 | 72.60 | N/A | N/A | 12.40 | 34.50 |
| 5835.0 | -4.30 | 42.60 | -11.40 | 54.00 | 12.40 | 34.50 |

● 802.11ac (VHT80)

Carrier Frequency (MHz): 5775

Channel No.: 155

Test Mode: 802.11ac (VHT80)

Detector: Peak

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5775.0 | 39.80 | 86.70 | N/A | N/A | 12.40 | 34.50 |
| 5695.0 | -0.50 | 46.40 | -27.60 | 74.00 | 12.40 | 34.50 |

Detector: Average

| Frequency (MHz) | Reading Level (dBuV) | Measure Level (dBuV/m) | Over Limit (dB) | Limit (dBuV/m) | Cable Loss (dB) | Antenna Factor (dB) |
|-----------------|----------------------|------------------------|-----------------|----------------|-----------------|---------------------|
| 5775.0 | 16.50 | 63.40 | N/A | N/A | 12.40 | 34.50 |

| | | | | | | |
|--------|-------|-------|--------|-------|-------|-------|
| 5695.0 | -9.40 | 37.50 | -16.50 | 54.00 | 12.40 | 34.50 |
|--------|-------|-------|--------|-------|-------|-------|

Sample Calculations

Determining Spurious Emissions Levels

A “reference path loss” is established and the A_{Rpl} is the attenuation of “reference path loss”, and including the gain of receive antenna, the gain of the preamplifier, the cable loss.

The measurement results are obtained as described below:

Below 1GHz:

QuasiPeak=Reading Value + A_{Rpl}

Above 1GHz:

MaxPeak=Reading MaxPeak + A_{Rpl}

OR

Average=Reading Average + A_{Rpl}

Sample calculation: $(25.83 \text{ dB}\mu\text{V/m}) = (48.73 \text{ dB}\mu\text{V}) + (-22.90 \text{ dB/m})$, the corresponding frequency is 35.141MHz.

The worst case attitude: The mobile lay down.

Spurious Radiated Emissions below 30MHz and above 18G:

There were no emissions from 9kHz to 30MHz and above 18G found within 20dB of the limit. Thus, the test result was not reported according to §15.31 (o).

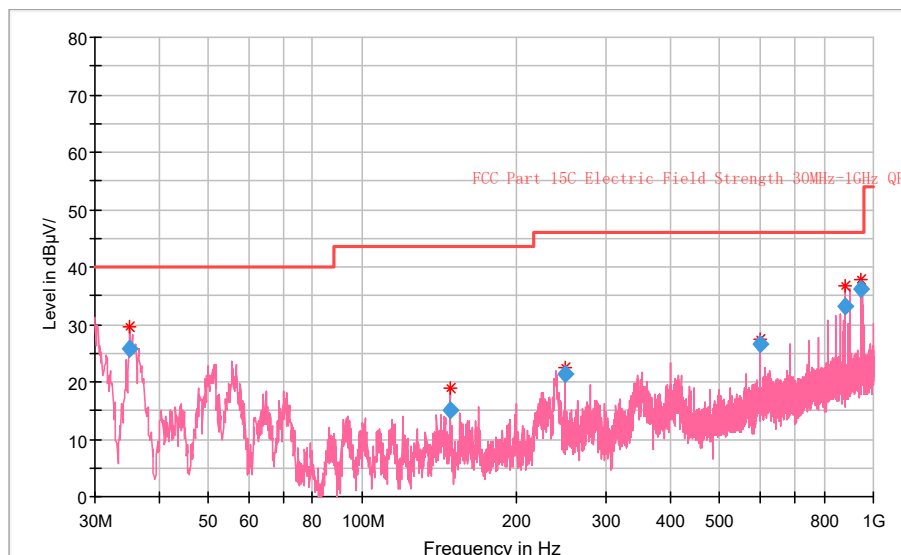
【5150~5250】

- 802.11a

Spurious Radiated Emissions from 30MHz to 1GHz:

CH Middle (No.44)

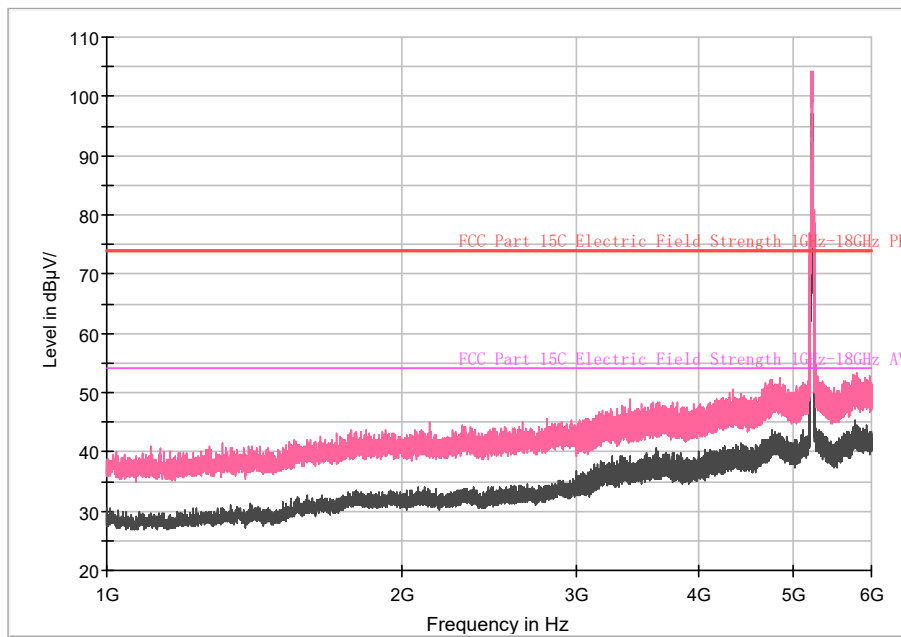
Full Spectrum



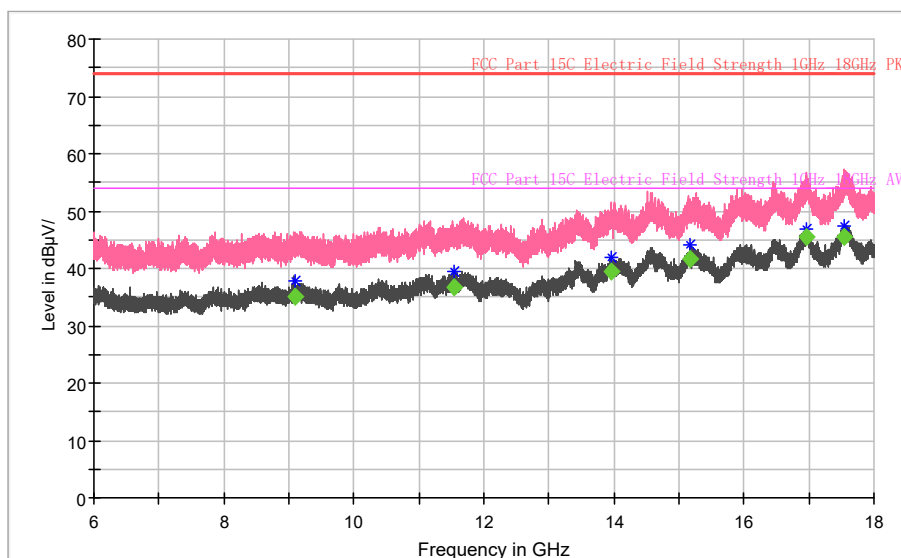
| Frequency (MHz) | Reading (dBuV) | QuasiPeak (dBuV/m) | Limit (dBuV/m) | Margin (dB) | A _{Rpl} (dB) | Polarity |
|-----------------|----------------|--------------------|----------------|-------------|-----------------------|----------|
| 35.141 | 48.73 | 25.83 | 40.00 | 14.17 | -22.90 | Vertical |
| 148.437 | 38.86 | 15.06 | 43.50 | 28.44 | -23.80 | Vertical |
| 249.996 | 39.61 | 21.41 | 46.00 | 24.59 | -18.20 | Vertical |
| 599.972 | 34.46 | 26.46 | 46.00 | 19.54 | -8.00 | Vertical |
| 879.914 | 36.70 | 33.20 | 46.00 | 12.80 | -3.50 | Vertical |
| 945.389 | 38.62 | 36.22 | 46.00 | 9.78 | -2.40 | Vertical |

Spurious Radiated Emissions from 1GHz to 18GHz:
 CH Middle (No.44)

Full Spectrum



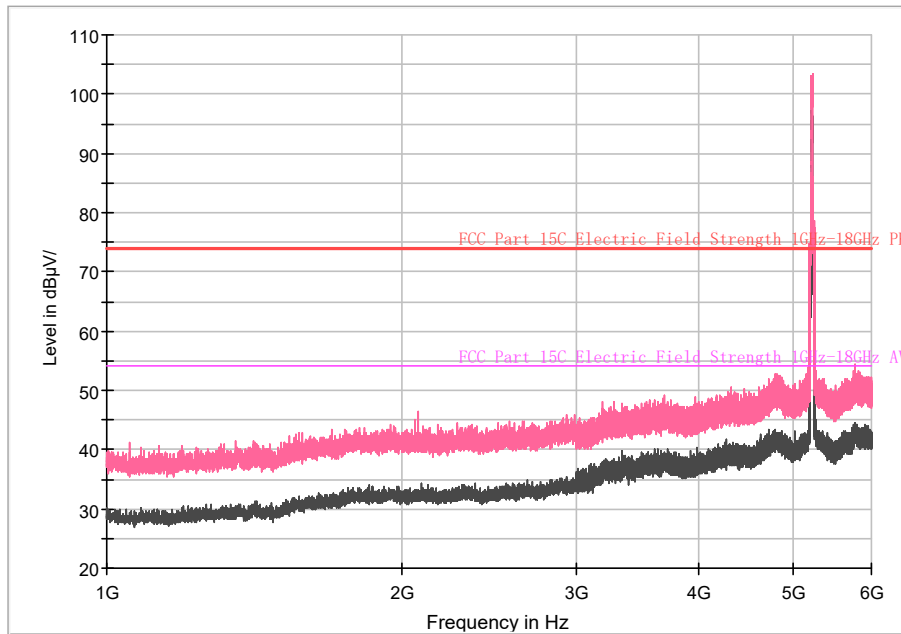
Full Spectrum



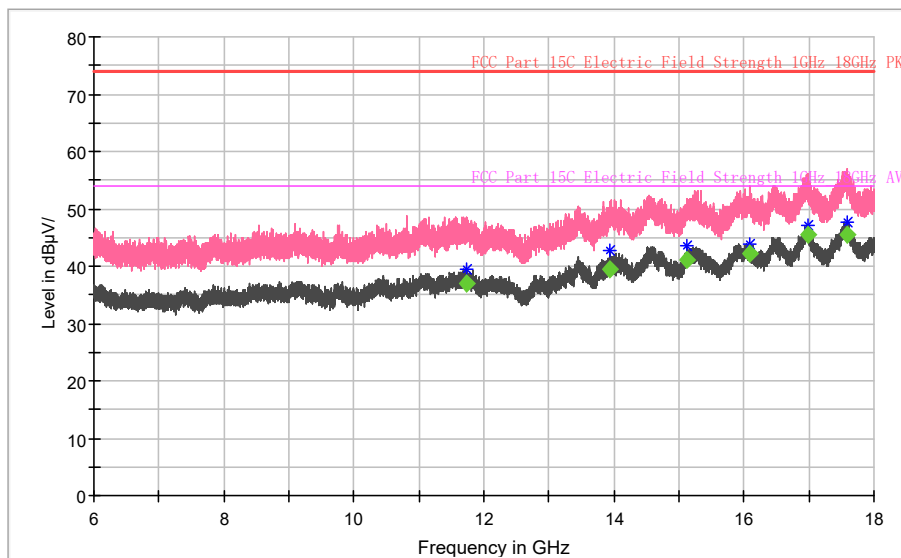
| Frequency (MHz) | Reading MaxPeak (dBuV) | Reading Average (dBuV) | MaxPeak (dBuV/m) | Average (dBuV/m) | Limit (dBuV/m) | Margin (dB) | A _{Rpl} (dB) | Polarity |
|-----------------|------------------------|------------------------|------------------|------------------|----------------|-------------|-----------------------|----------|
| 9091.600 | --- | 55.27 | --- | 34.97 | 54.00 | 19.03 | -20.30 | Vertical |
| 11543.600 | --- | 53.70 | --- | 36.80 | 54.00 | 17.20 | -16.90 | Vertical |
| 13951.600 | --- | 53.90 | --- | 39.50 | 54.00 | 14.50 | -14.40 | Vertical |
| 15170.400 | --- | 55.60 | --- | 41.60 | 54.00 | 12.40 | -14.00 | Vertical |
| 16956.400 | --- | 58.28 | --- | 45.38 | 54.00 | 8.62 | -12.90 | Vertical |
| 17536.400 | --- | 57.59 | --- | 45.59 | 54.00 | 8.41 | -12.00 | Vertical |

● 802.11n (HT20)
 Spurious Radiated Emissions from 1GHz to 18GHz:
 CH Middle (No.44)

Full Spectrum

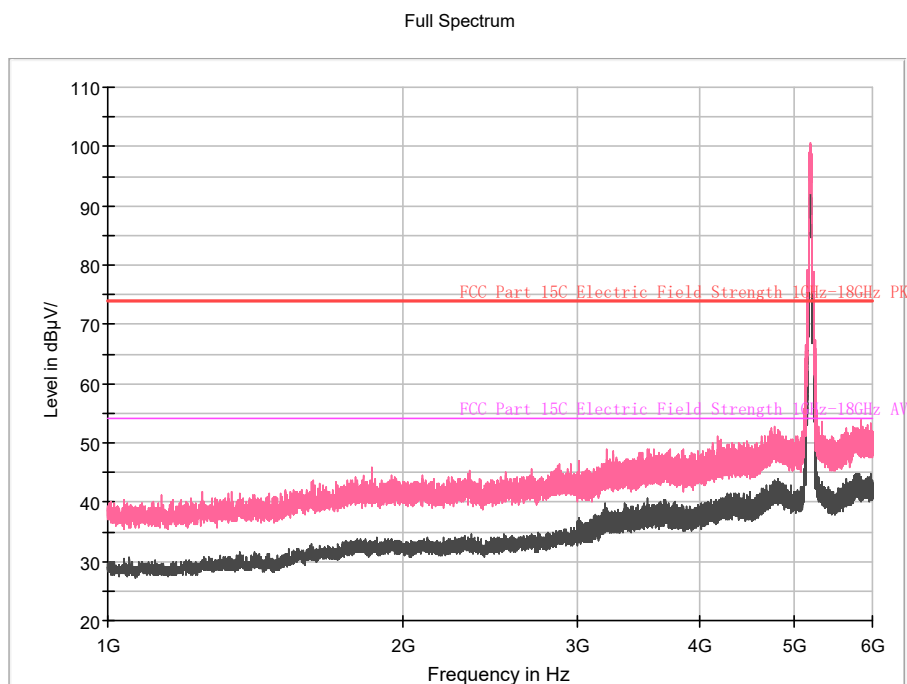


Full Spectrum

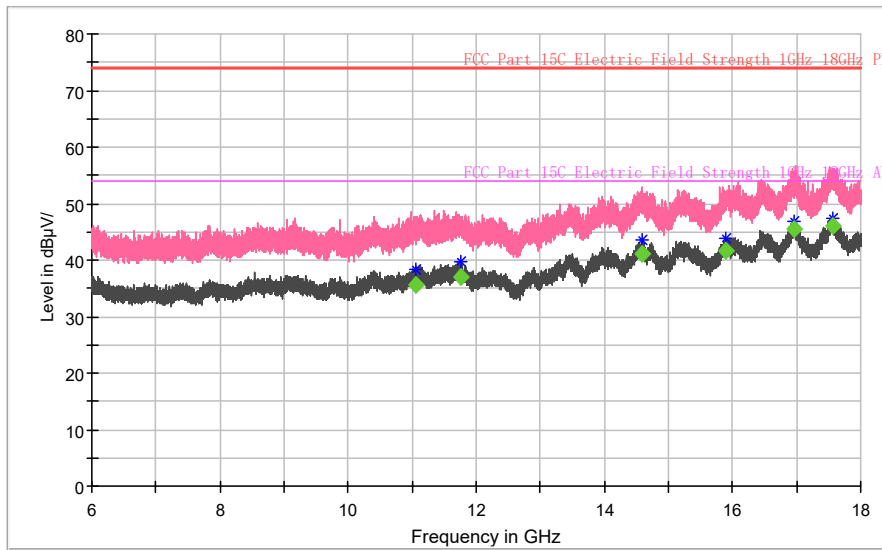


| Frequency (MHz) | Reading MaxPeak (dBuV) | Reading Average (dBuV) | MaxPeak (dBuV/m) | Average (dBuV/m) | Limit (dBuV/m) | Margin (dB) | A _{Rpl} (dB) | Polarity |
|-----------------|------------------------|------------------------|------------------|------------------|----------------|-------------|-----------------------|----------|
| 11731.600 | --- | 54.08 | --- | 37.08 | 54.00 | 16.92 | -17.00 | Vertical |
| 13947.200 | --- | 53.98 | --- | 39.58 | 54.00 | 14.42 | -14.40 | Vertical |
| 15130.800 | --- | 55.16 | --- | 41.06 | 54.00 | 12.94 | -14.10 | Vertical |
| 16090.000 | --- | 56.95 | --- | 42.15 | 54.00 | 11.85 | -14.80 | Vertical |
| 16973.200 | --- | 58.26 | --- | 45.36 | 54.00 | 8.64 | -12.90 | Vertical |
| 17600.400 | --- | 57.39 | --- | 45.59 | 54.00 | 8.41 | -11.80 | Vertical |

- 802.11n (HT40)
 Spurious Radiated Emissions from 1GHz to 18GHz:
 CH Middle (No.38)



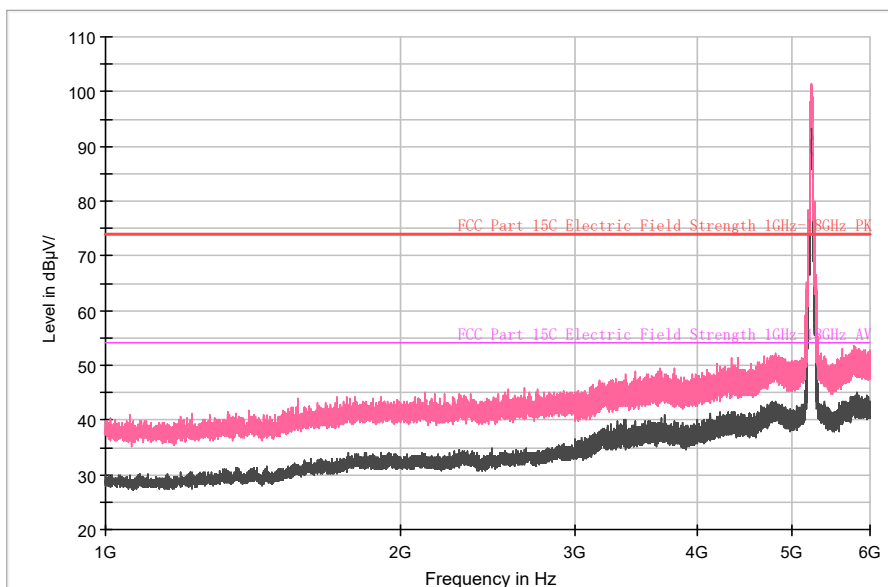
Full Spectrum



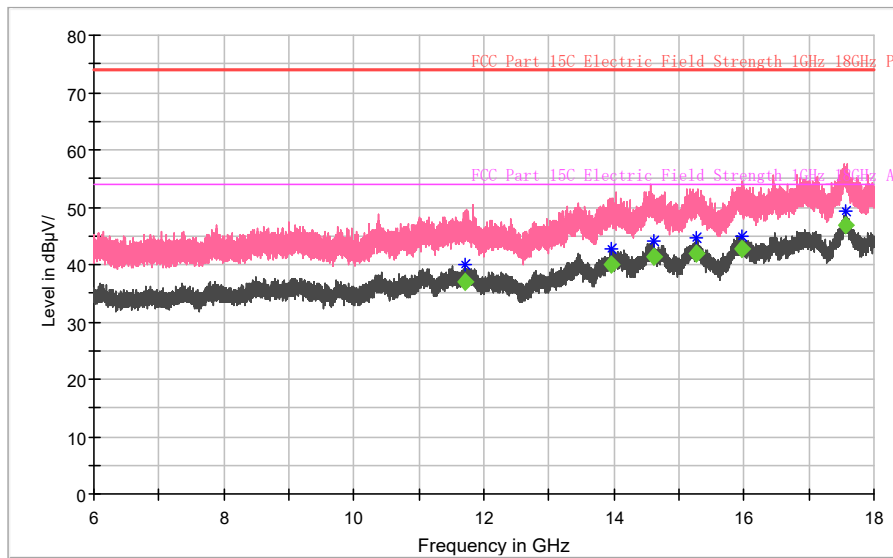
| Frequency (MHz) | Reading MaxPeak (dBuV) | Reading Average (dBuV) | MaxPeak (dBuV/m) | Average (dBuV/m) | Limit (dBuV/m) | Margin (dB) | A _{Rpl} (dB) | Polarity |
|-----------------|------------------------|------------------------|------------------|------------------|----------------|-------------|-----------------------|----------|
| 11059.200 | --- | 53.82 | --- | 35.72 | 54.00 | 18.28 | -18.10 | Vertical |
| 11754.000 | --- | 53.94 | --- | 36.94 | 54.00 | 17.06 | -17.00 | Vertical |
| 14588.400 | --- | 55.13 | --- | 41.03 | 54.00 | 12.97 | -14.10 | Vertical |
| 15885.600 | --- | 56.18 | --- | 41.68 | 54.00 | 12.32 | -14.50 | Vertical |
| 16967.600 | --- | 58.28 | --- | 45.38 | 54.00 | 8.62 | -12.90 | Vertical |
| 17570.800 | --- | 57.88 | --- | 45.98 | 54.00 | 8.02 | -11.90 | Vertical |

- 802.11n (HT40)
 Spurious Radiated Emissions from 1GHz to 18GHz:
 CH Middle (No.46)

Full Spectrum



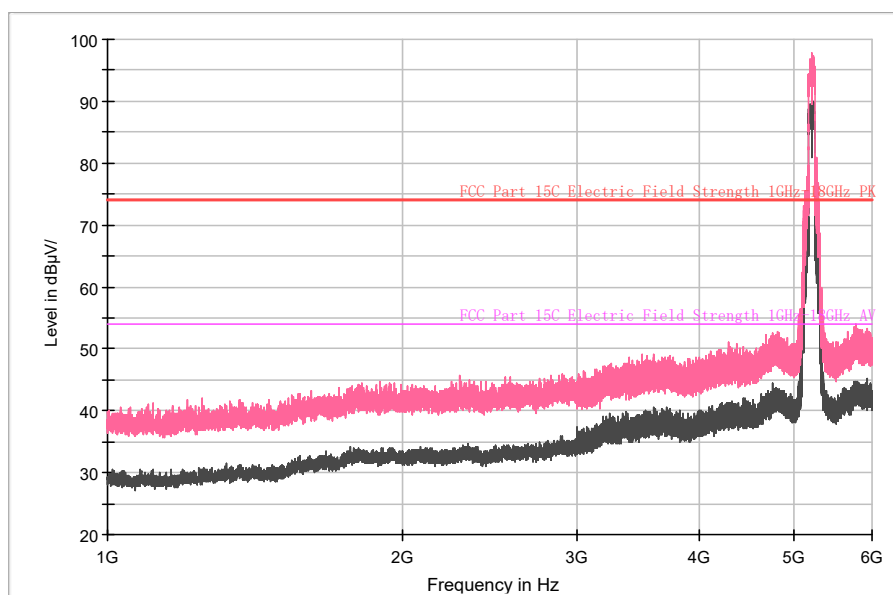
Full Spectrum

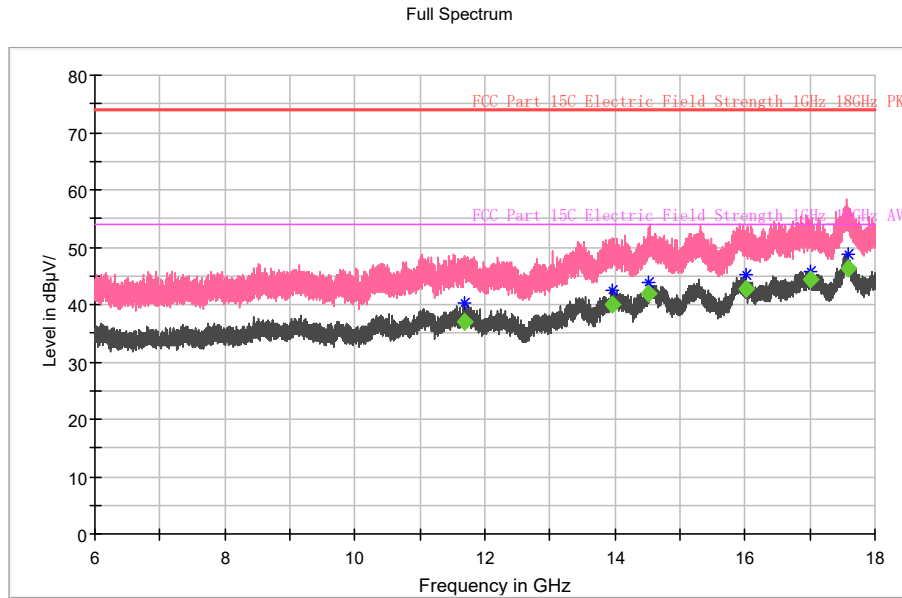


| Frequency (MHz) | Reading MaxPeak (dBuV) | Reading Average (dBuV) | MaxPeak (dBuV/m) | Average (dBuV/m) | Limit (dBuV/m) | Margin (dB) | A _{Rpl} (dB) | Polarity |
|-----------------|------------------------|------------------------|------------------|------------------|----------------|-------------|-----------------------|----------|
| 11701.200 | --- | 53.53 | --- | 36.93 | 54.00 | 17.07 | -16.60 | Vertical |
| 13952.400 | --- | 53.79 | --- | 40.09 | 54.00 | 13.91 | -13.70 | Vertical |
| 14604.400 | --- | 54.82 | --- | 41.32 | 54.00 | 12.68 | -13.50 | Vertical |
| 15263.200 | --- | 55.34 | --- | 41.84 | 54.00 | 12.16 | -13.50 | Vertical |
| 15960.000 | --- | 56.61 | --- | 42.71 | 54.00 | 11.29 | -13.90 | Vertical |
| 17564.000 | --- | 58.15 | --- | 46.95 | 54.00 | 7.05 | -11.20 | Vertical |

- 802.11ac (VHT80)
 Spurious Radiated Emissions from 1GHz to 18GHz:
 CH Middle (No.42)

Full Spectrum





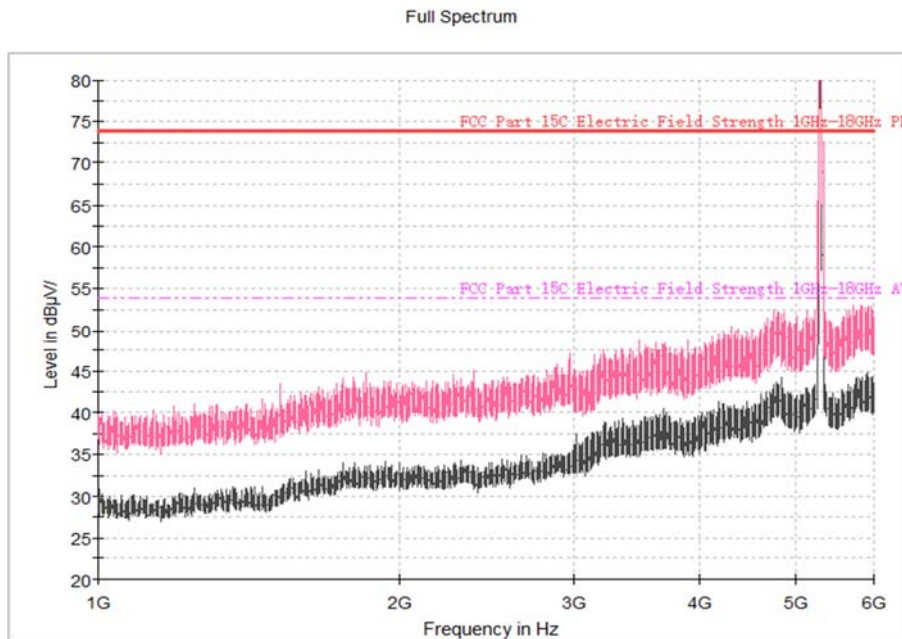
| Frequency (MHz) | Reading MaxPeak (dBuV) | Reading Average (dBuV) | MaxPeak (dBuV/m) | Average (dBuV/m) | Limit (dBuV/m) | Margin (dB) | A _{Rpl} (dB) | Polarity |
|-----------------|------------------------|------------------------|------------------|------------------|----------------|-------------|-----------------------|----------|
| 11692.800 | --- | 53.47 | --- | 36.87 | 54.00 | 17.13 | -16.60 | Vertical |
| 13954.800 | --- | 53.75 | --- | 40.05 | 54.00 | 13.95 | -13.70 | Vertical |
| 14524.800 | --- | 55.28 | --- | 41.88 | 54.00 | 12.12 | -13.40 | Vertical |
| 16004.800 | --- | 56.76 | --- | 42.76 | 54.00 | 11.24 | -14.00 | Vertical |
| 16998.000 | --- | 56.46 | --- | 44.26 | 54.00 | 9.74 | -12.20 | Vertical |
| 17589.200 | --- | 57.61 | --- | 46.41 | 54.00 | 7.59 | -11.20 | Vertical |

【5250~5350】

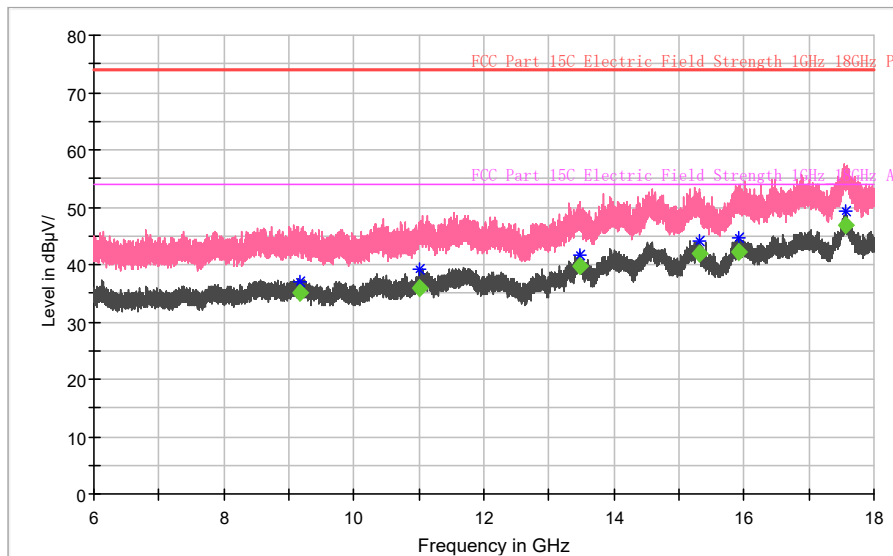
- 802.11a

Spurious Radiated Emissions from 1GHz to 18GHz:

CH Middle (No.60)



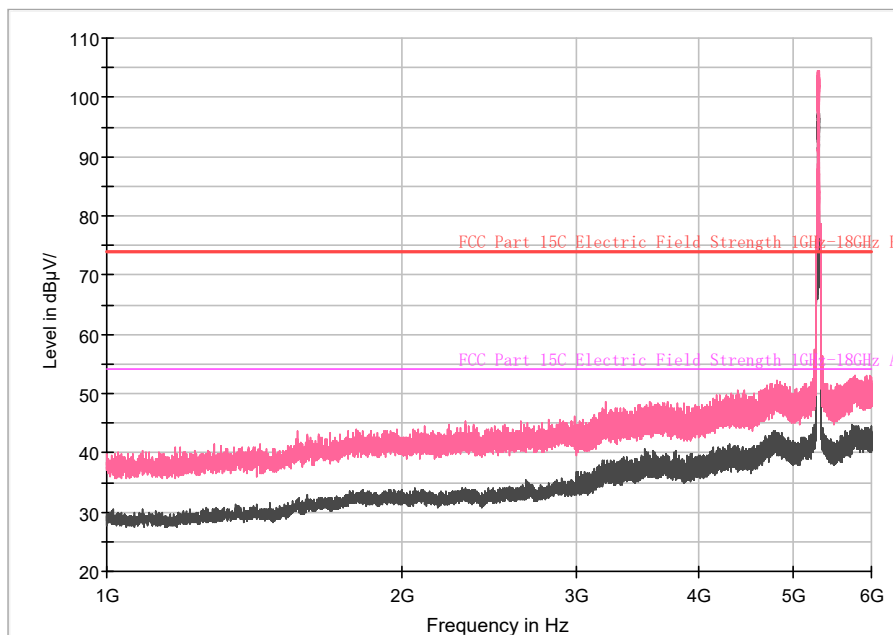
Full Spectrum



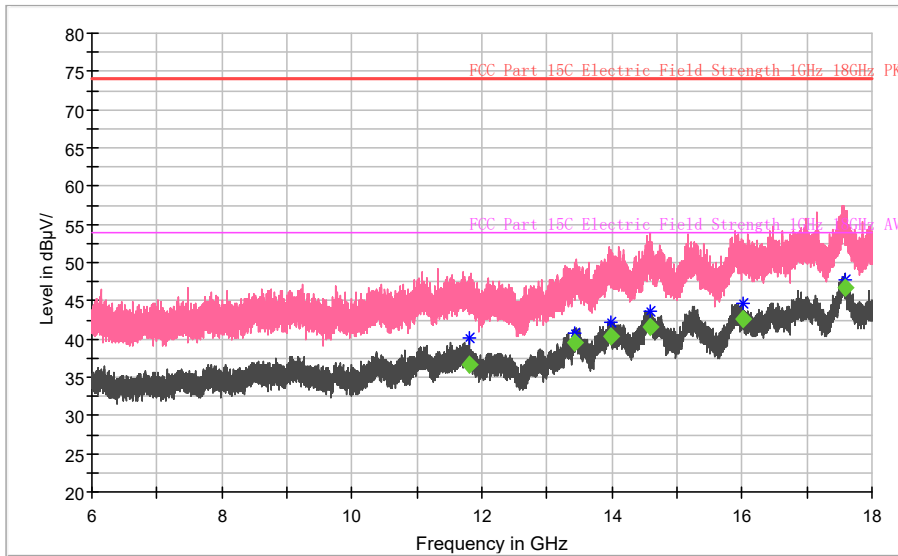
| Frequency (MHz) | Reading MaxPeak (dBuV) | Reading Average (dBuV) | MaxPeak (dBuV/m) | Average (dBuV/m) | Limit (dBuV/m) | Margin (dB) | A _{Rpl} (dB) | Polarity |
|-----------------|------------------------|------------------------|------------------|------------------|----------------|-------------|-----------------------|----------|
| 9157.600 | --- | 55.19 | --- | 35.19 | 54.00 | 18.81 | -20.00 | Vertical |
| 11017.200 | --- | 53.84 | --- | 35.84 | 54.00 | 18.16 | -18.00 | Vertical |
| 13468.800 | --- | 54.30 | --- | 39.80 | 54.00 | 14.20 | -14.50 | Vertical |
| 15311.200 | --- | 55.18 | --- | 41.78 | 54.00 | 12.22 | -13.40 | Vertical |
| 15922.800 | --- | 56.14 | --- | 42.24 | 54.00 | 11.76 | -13.90 | Vertical |
| 17568.000 | --- | 58.05 | --- | 46.85 | 54.00 | 7.15 | -11.20 | Vertical |

- 802.11n (HT20)
 Spurious Radiated Emissions from 1GHz to 18GHz:
 CH Middle (No.60)

Full Spectrum



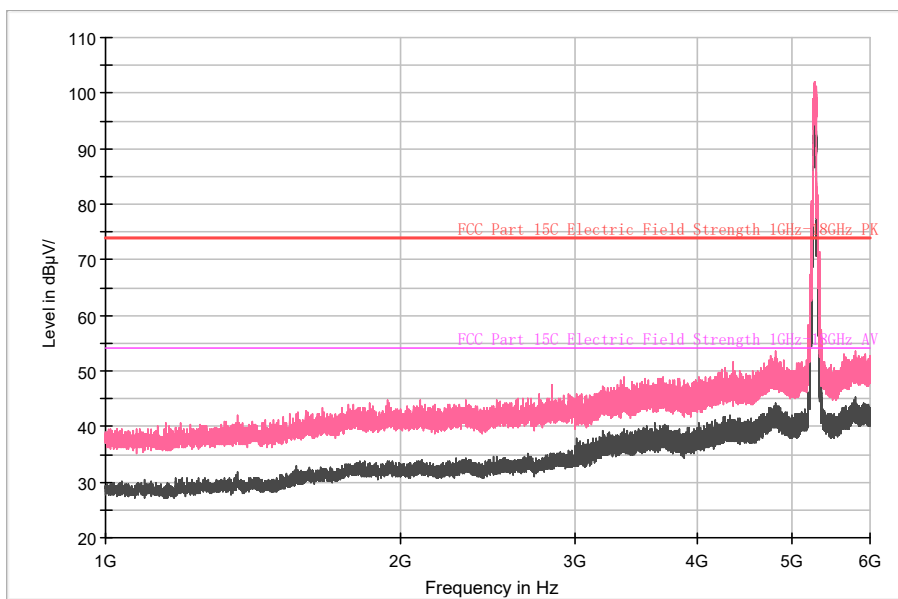
Full Spectrum



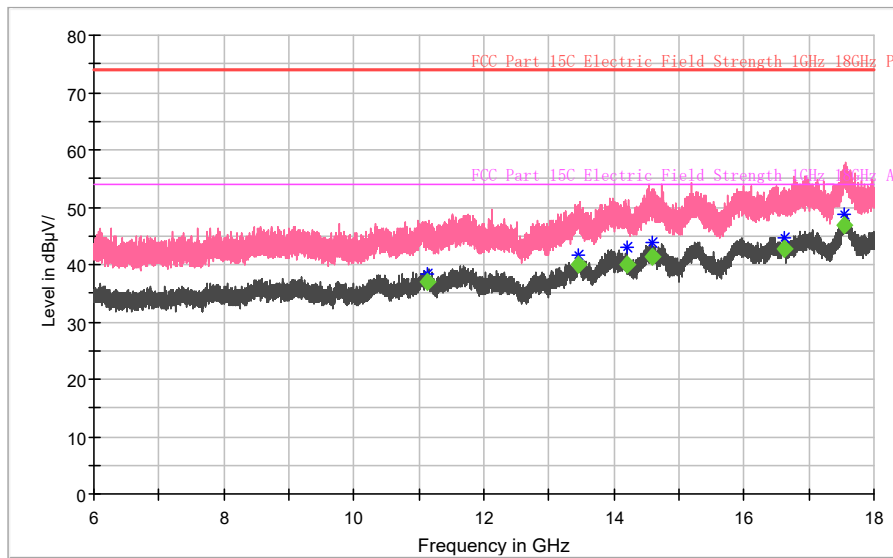
| Frequency (MHz) | Reading MaxPeak (dBuV) | Reading Average (dBuV) | MaxPeak (dBuV/m) | Average (dBuV/m) | Limit (dBuV/m) | Margin (dB) | A _{Rpl} (dB) | Polarity |
|-----------------|------------------------|------------------------|------------------|------------------|----------------|-------------|-----------------------|----------|
| 11800.400 | --- | 53.43 | --- | 36.73 | 54.00 | 17.27 | -16.70 | Vertical |
| 13428.400 | --- | 54.05 | --- | 39.55 | 54.00 | 14.45 | -14.50 | Vertical |
| 13980.000 | --- | 53.99 | --- | 40.29 | 54.00 | 13.72 | -13.70 | Vertical |
| 14580.000 | --- | 55.17 | --- | 41.67 | 54.00 | 12.33 | -13.50 | Vertical |
| 16026.800 | --- | 56.59 | --- | 42.59 | 54.00 | 11.41 | -14.00 | Vertical |
| 17579.600 | --- | 57.88 | --- | 46.68 | 54.00 | 7.32 | -11.20 | Vertical |

- 802.11n (HT40)
 Spurious Radiated Emissions from 1GHz to 18GHz:
 CH Middle (No.54)

Full Spectrum



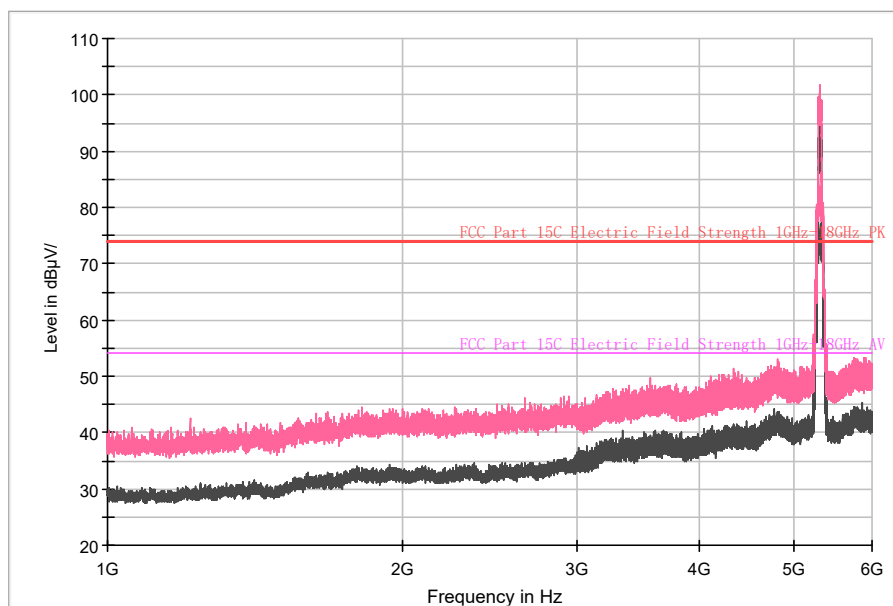
Full Spectrum



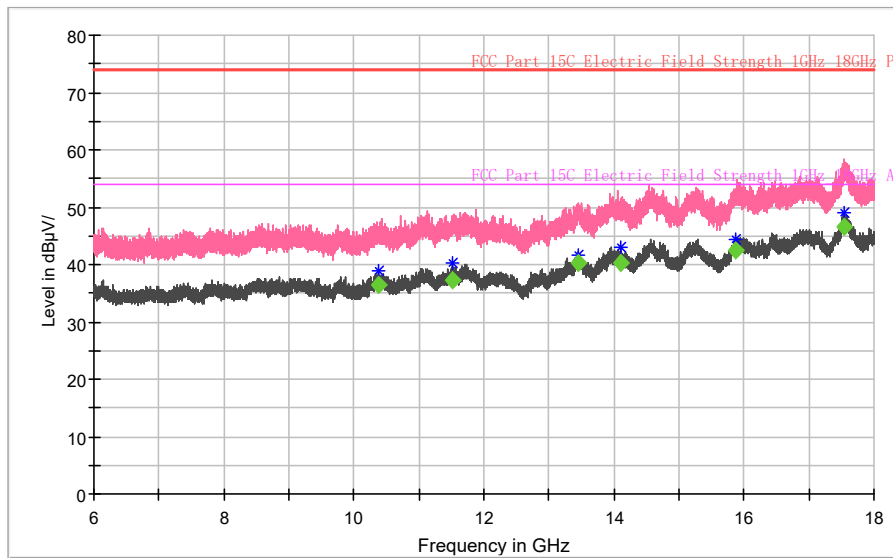
| Frequency (MHz) | Reading MaxPeak (dBuV) | Reading Average (dBuV) | MaxPeak (dBuV/m) | Average (dBuV/m) | Limit (dBuV/m) | Margin (dB) | A _{Rpl} (dB) | Polarity |
|-----------------|------------------------|------------------------|------------------|------------------|----------------|-------------|-----------------------|----------|
| 11136.000 | --- | 54.49 | --- | 36.89 | 54.00 | 17.11 | -17.60 | Vertical |
| 13447.600 | --- | 54.46 | --- | 39.96 | 54.00 | 14.04 | -14.50 | Vertical |
| 14192.000 | --- | 53.53 | --- | 39.93 | 54.00 | 14.07 | -13.60 | Vertical |
| 14588.400 | --- | 54.75 | --- | 41.25 | 54.00 | 12.75 | -13.50 | Vertical |
| 16623.200 | --- | 55.91 | --- | 42.71 | 54.00 | 11.29 | -13.20 | Vertical |
| 17549.600 | --- | 58.12 | --- | 46.82 | 54.00 | 7.18 | -11.30 | Vertical |

- 802.11n (HT40)
 Spurious Radiated Emissions from 1GHz to 18GHz:
 CH Middle (No.62)

Full Spectrum



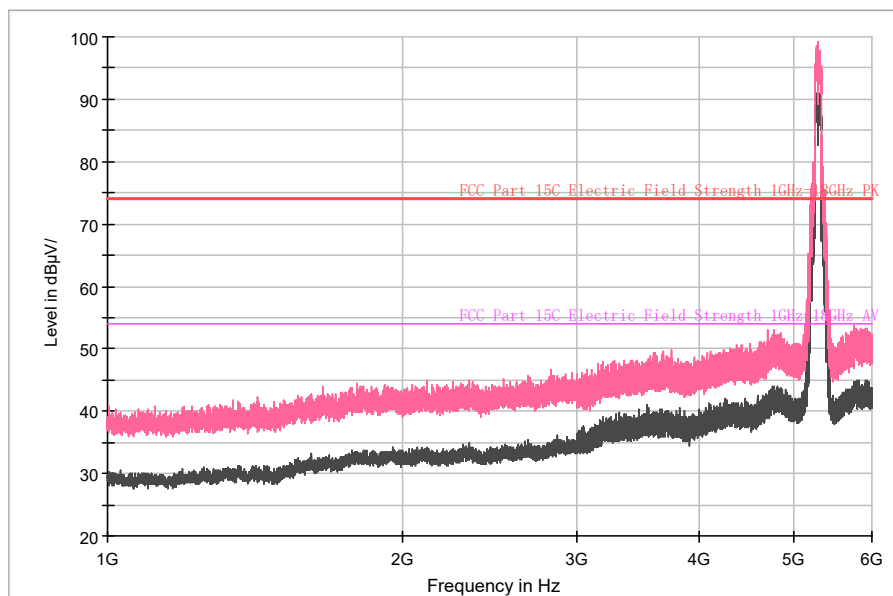
Full Spectrum



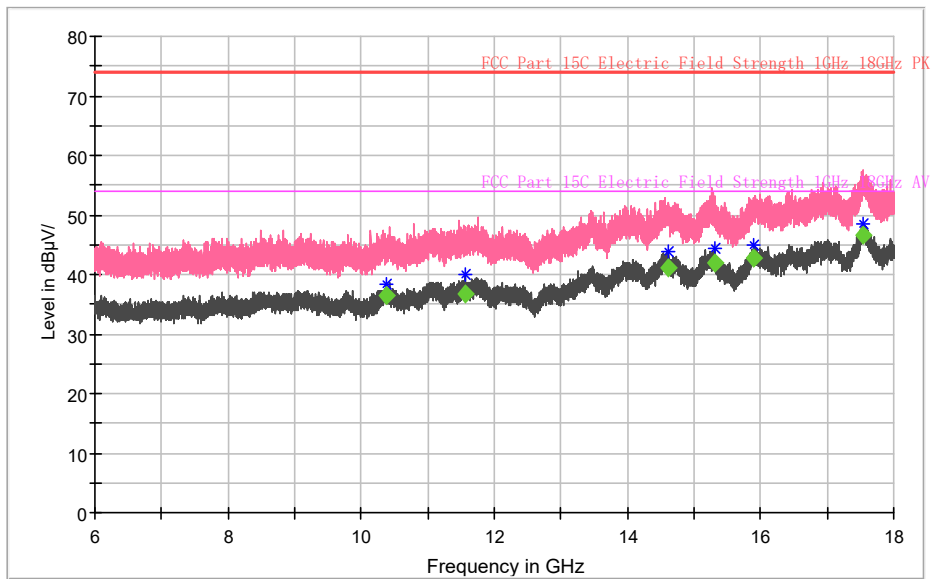
| Frequency (MHz) | Reading MaxPeak (dBuV) | Reading Average (dBuV) | MaxPeak (dBuV/m) | Average (dBuV/m) | Limit (dBuV/m) | Margin (dB) | A _{Rpl} (dB) | Polarity |
|-----------------|------------------------|------------------------|------------------|------------------|----------------|-------------|-----------------------|----------|
| 10378.400 | --- | 55.33 | --- | 36.43 | 54.00 | 17.57 | -18.90 | Vertical |
| 11507.200 | --- | 53.68 | --- | 37.18 | 54.00 | 16.82 | -16.50 | Vertical |
| 13456.400 | --- | 54.67 | --- | 40.17 | 54.00 | 13.83 | -14.50 | Vertical |
| 14102.800 | --- | 53.95 | --- | 40.25 | 54.00 | 13.75 | -13.70 | Vertical |
| 15875.600 | --- | 56.25 | --- | 42.35 | 54.00 | 11.65 | -13.90 | Vertical |
| 17543.200 | --- | 57.98 | --- | 46.68 | 54.00 | 7.32 | -11.30 | Vertical |

- 802.11ac (VHT80)
 Spurious Radiated Emissions from 1GHz to 18GHz:
 CH Middle (No.58)

Full Spectrum



Full Spectrum



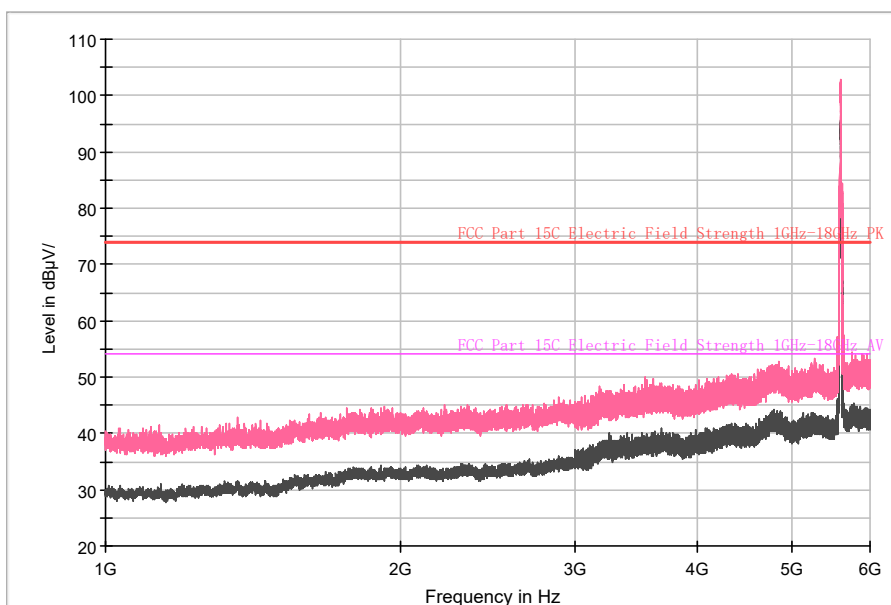
| Frequency (MHz) | Reading MaxPeak (dBuV) | Reading Average (dBuV) | MaxPeak (dBuV/m) | Average (dBuV/m) | Limit (dBuV/m) | Margin (dB) | A _{Rpl} (dB) | Polarity |
|-----------------|------------------------|------------------------|------------------|------------------|----------------|-------------|-----------------------|----------|
| 10373.600 | --- | 55.21 | --- | 36.31 | 54.00 | 17.69 | -18.90 | Vertical |
| 11562.400 | --- | 53.30 | --- | 36.80 | 54.00 | 17.20 | -16.50 | Vertical |
| 14616.000 | --- | 54.70 | --- | 41.10 | 54.00 | 12.90 | -13.60 | Vertical |
| 15308.400 | --- | 55.31 | --- | 41.91 | 54.00 | 12.09 | -13.40 | Vertical |
| 15903.600 | --- | 56.52 | --- | 42.62 | 54.00 | 11.38 | -13.90 | Vertical |
| 17541.600 | --- | 57.93 | --- | 46.63 | 54.00 | 7.37 | -11.30 | Vertical |

【5470~5725】

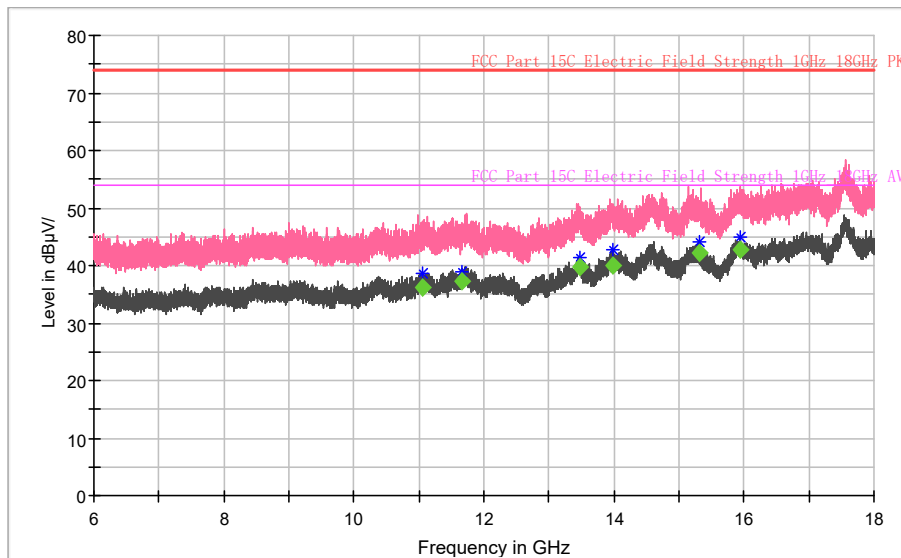
- 802.11a

Spurious Radiated Emissions from 1GHz to 18GHz:
 CH Middle (No.120)

Full Spectrum



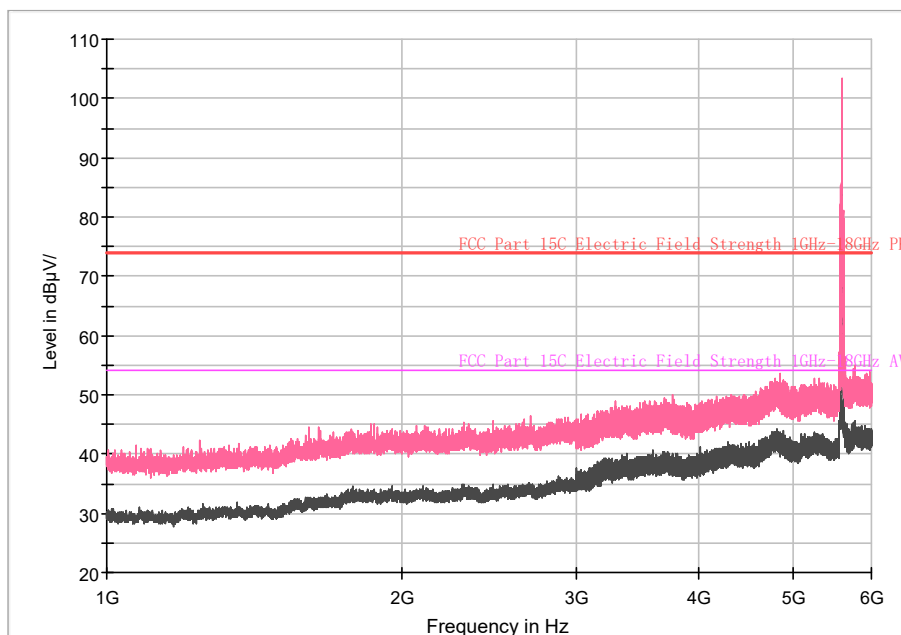
Full Spectrum



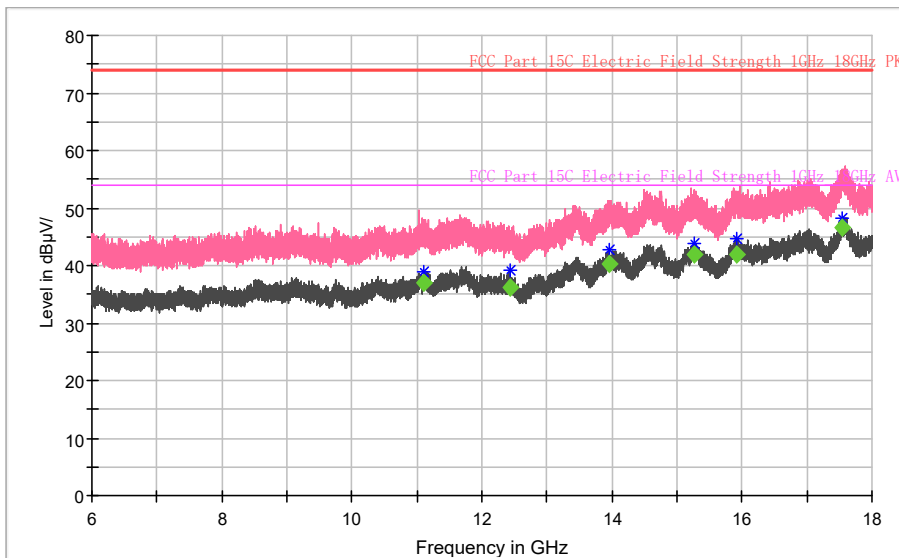
| Frequency (MHz) | Reading MaxPeak (dBuV) | Reading Average (dBuV) | MaxPeak (dBuV/m) | Average (dBuV/m) | Limit (dBuV/m) | Margin (dB) | A _{Rpl} (dB) | Polarity |
|-----------------|------------------------|------------------------|------------------|------------------|----------------|-------------|-----------------------|----------|
| 11051.600 | --- | 54.02 | --- | 36.12 | 54.00 | 17.88 | -17.90 | Vertical |
| 11658.800 | --- | 53.71 | --- | 37.21 | 54.00 | 16.79 | -16.50 | Vertical |
| 13479.200 | --- | 54.22 | --- | 39.72 | 54.00 | 14.28 | -14.50 | Vertical |
| 13975.600 | --- | 53.68 | --- | 39.98 | 54.00 | 14.02 | -13.70 | Vertical |
| 15312.800 | --- | 55.63 | --- | 42.23 | 54.00 | 11.77 | -13.40 | Vertical |
| 15946.000 | --- | 56.60 | --- | 42.70 | 54.00 | 11.30 | -13.90 | Vertical |

- 802.11n (HT20)
 Spurious Radiated Emissions from 1GHz to 18GHz:
 CH Middle (No.120)

Full Spectrum



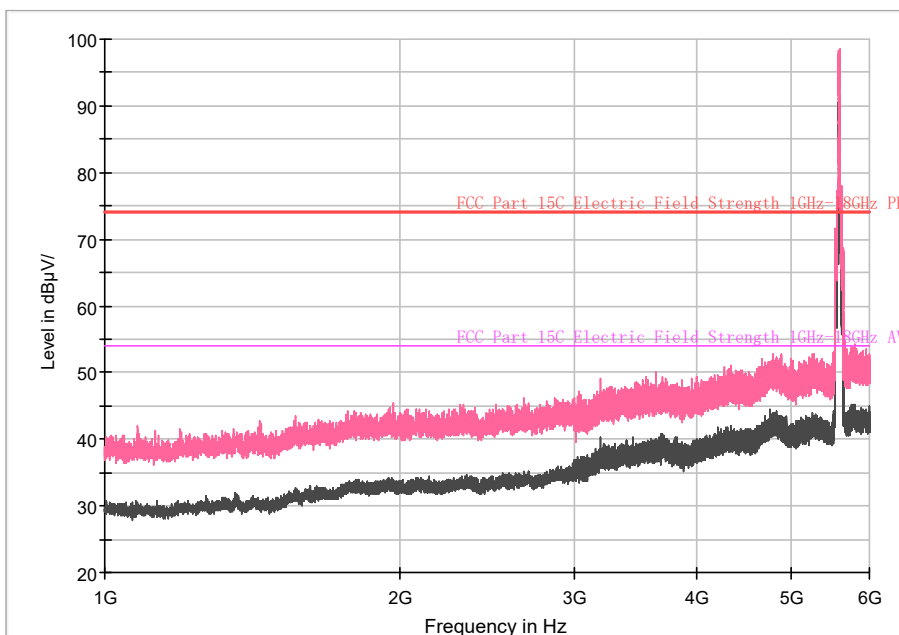
Full Spectrum



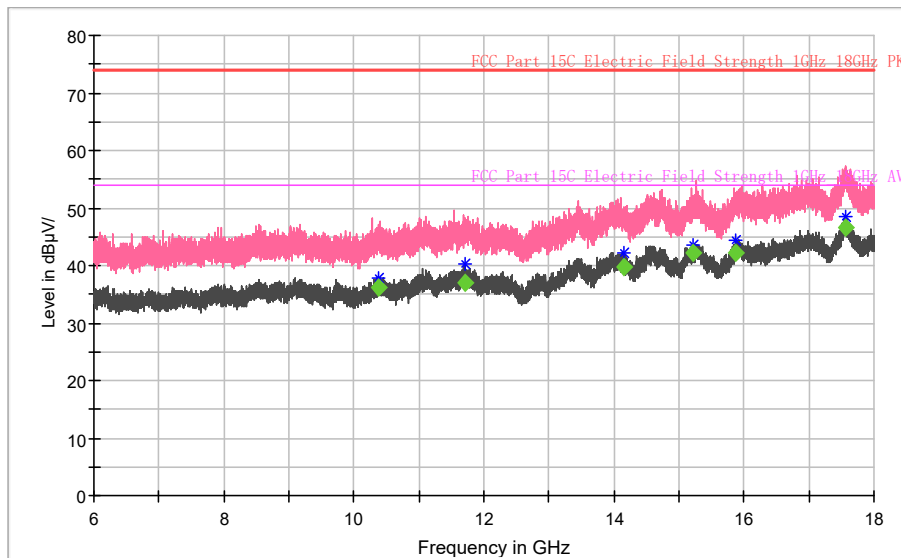
| Frequency (MHz) | Reading MaxPeak (dBuV) | Reading Average (dBuV) | MaxPeak (dBuV/m) | Average (dBuV/m) | Limit (dBuV/m) | Margin (dB) | A _{Rpl} (dB) | Polarity |
|-----------------|------------------------|------------------------|------------------|------------------|----------------|-------------|-----------------------|----------|
| 11108.800 | --- | 54.71 | --- | 37.01 | 54.00 | 16.99 | -17.70 | Vertical |
| 12438.000 | --- | 53.62 | --- | 36.12 | 54.00 | 17.88 | -17.50 | Vertical |
| 13962.400 | --- | 53.88 | --- | 40.18 | 54.00 | 13.82 | -13.70 | Vertical |
| 15270.000 | --- | 55.32 | --- | 41.82 | 54.00 | 12.18 | -13.50 | Vertical |
| 15925.200 | --- | 55.84 | --- | 41.94 | 54.00 | 12.06 | -13.90 | Vertical |
| 17533.200 | --- | 57.80 | --- | 46.50 | 54.00 | 7.50 | -11.30 | Vertical |

- 802.11n (HT40)
 Spurious Radiated Emissions from 1GHz to 18GHz:
 CH Middle (No.118)

Full Spectrum



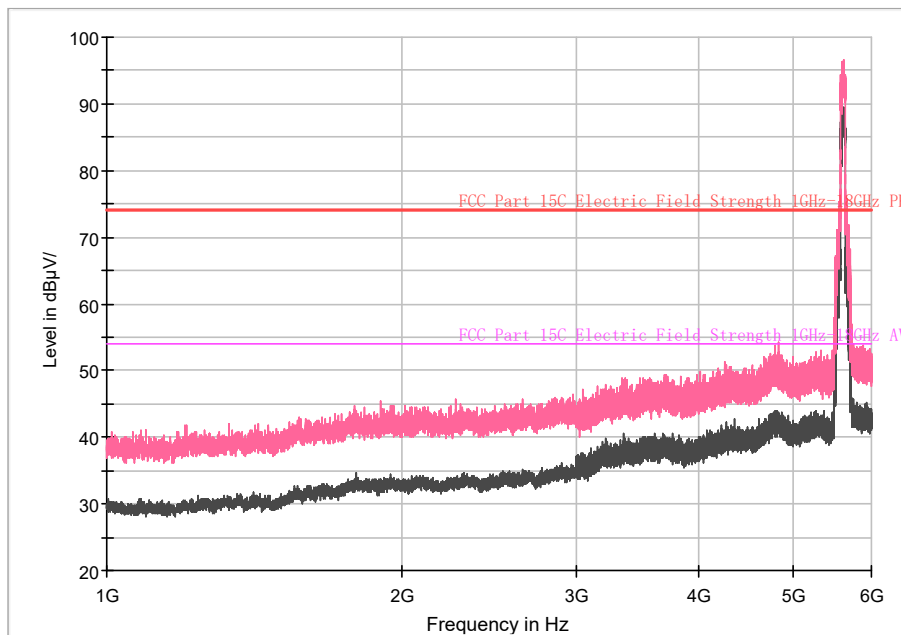
Full Spectrum



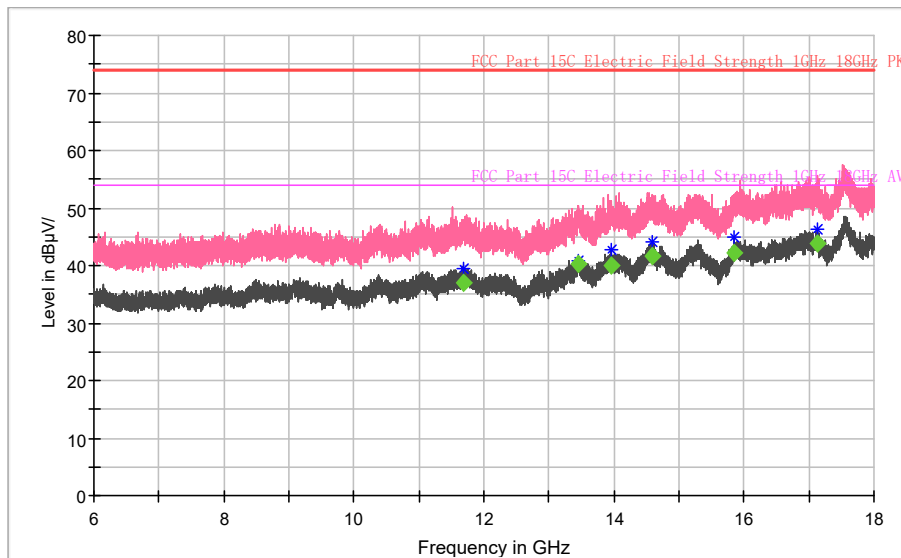
| Frequency (MHz) | Reading MaxPeak (dBuV) | Reading Average (dBuV) | MaxPeak (dBuV/m) | Average (dBuV/m) | Limit (dBuV/m) | Margin (dB) | A _{Rpl} (dB) | Polarity |
|-----------------|------------------------|------------------------|------------------|------------------|----------------|-------------|-----------------------|----------|
| 10374.800 | --- | 55.13 | --- | 36.23 | 54.00 | 17.77 | -18.90 | Vertical |
| 11703.200 | --- | 53.55 | --- | 36.95 | 54.00 | 17.05 | -16.60 | Vertical |
| 14164.000 | --- | 53.33 | --- | 39.73 | 54.00 | 14.27 | -13.60 | Vertical |
| 15220.400 | --- | 55.70 | --- | 42.10 | 54.00 | 11.90 | -13.60 | Vertical |
| 15869.600 | --- | 56.16 | --- | 42.26 | 54.00 | 11.74 | -13.90 | Vertical |
| 17573.600 | --- | 57.84 | --- | 46.64 | 54.00 | 7.36 | -11.20 | Vertical |

- 802.11ac (VHT80)
 Spurious Radiated Emissions from 1GHz to 18GHz:
 CH Middle (No.122)

Full Spectrum



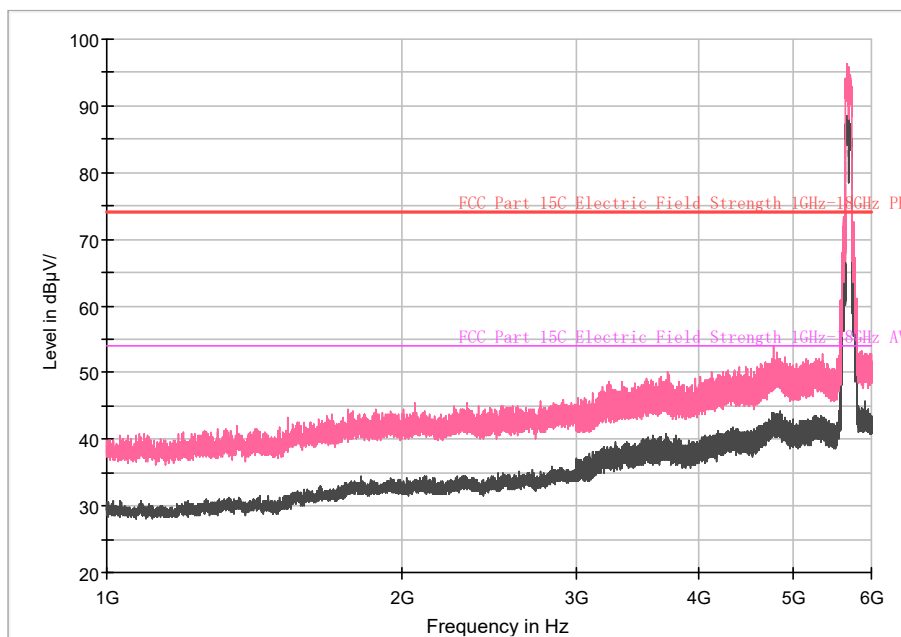
Full Spectrum



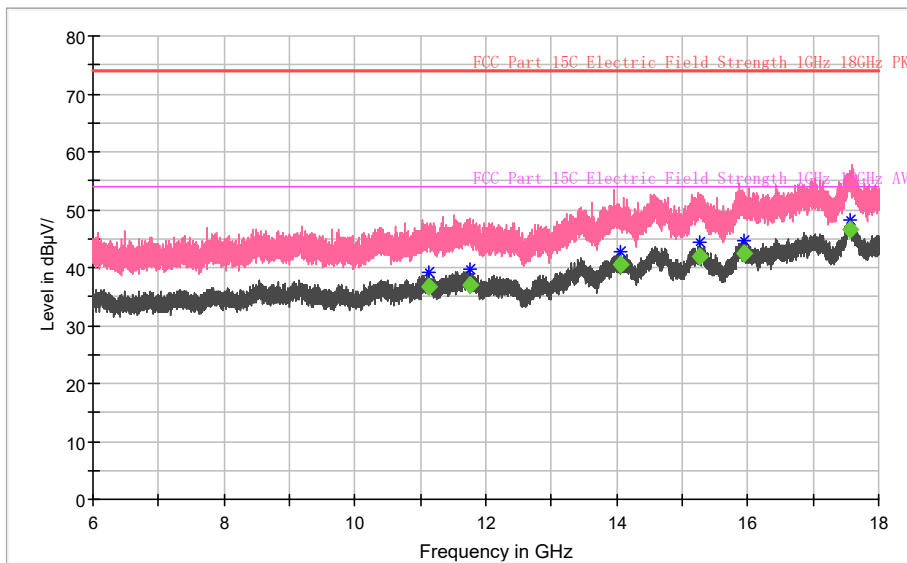
| Frequency (MHz) | Reading MaxPeak (dBuV) | Reading Average (dBuV) | MaxPeak (dBuV/m) | Average (dBuV/m) | Limit (dBuV/m) | Margin (dB) | A _{Rpl} (dB) | Polarity |
|-----------------|------------------------|------------------------|------------------|------------------|----------------|-------------|-----------------------|----------|
| 11694.800 | --- | 53.68 | --- | 37.08 | 54.00 | 16.92 | -16.60 | Vertical |
| 13459.600 | --- | 54.84 | --- | 40.34 | 54.00 | 13.66 | -14.50 | Vertical |
| 13968.000 | --- | 53.58 | --- | 39.88 | 54.00 | 14.12 | -13.70 | Vertical |
| 14581.200 | --- | 55.14 | --- | 41.64 | 54.00 | 12.36 | -13.50 | Vertical |
| 15857.200 | --- | 56.03 | --- | 42.13 | 54.00 | 11.87 | -13.90 | Vertical |
| 17138.800 | --- | 55.42 | --- | 43.82 | 54.00 | 10.18 | -11.60 | Vertical |

- 802.11ac (VHT80)
 Spurious Radiated Emissions from 1GHz to 18GHz:
 CH Middle (No.138)

Full Spectrum



Full Spectrum



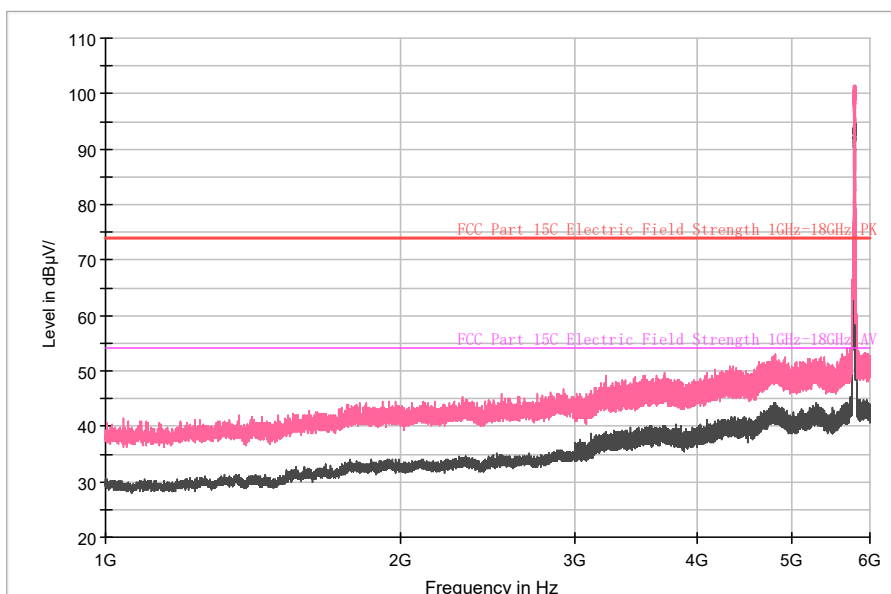
| Frequency (MHz) | Reading MaxPeak (dBuV) | Reading Average (dBuV) | MaxPeak (dBuV/m) | Average (dBuV/m) | Limit (dBuV/m) | Margin (dB) | A _{Rpl} (dB) | Polarity |
|-----------------|------------------------|------------------------|------------------|------------------|----------------|-------------|-----------------------|----------|
| 11121.200 | --- | 54.27 | --- | 36.67 | 54.00 | 17.33 | -17.60 | Vertical |
| 11760.000 | --- | 53.68 | --- | 36.98 | 54.00 | 17.02 | -16.70 | Vertical |
| 14047.200 | --- | 54.26 | --- | 40.56 | 54.00 | 13.44 | -13.70 | Vertical |
| 15266.400 | --- | 55.29 | --- | 41.79 | 54.00 | 12.21 | -13.50 | Vertical |
| 15939.200 | --- | 56.30 | --- | 42.40 | 54.00 | 11.60 | -13.90 | Vertical |
| 17571.600 | --- | 57.89 | --- | 46.69 | 54.00 | 7.31 | -11.20 | Vertical |

【5725~5850】

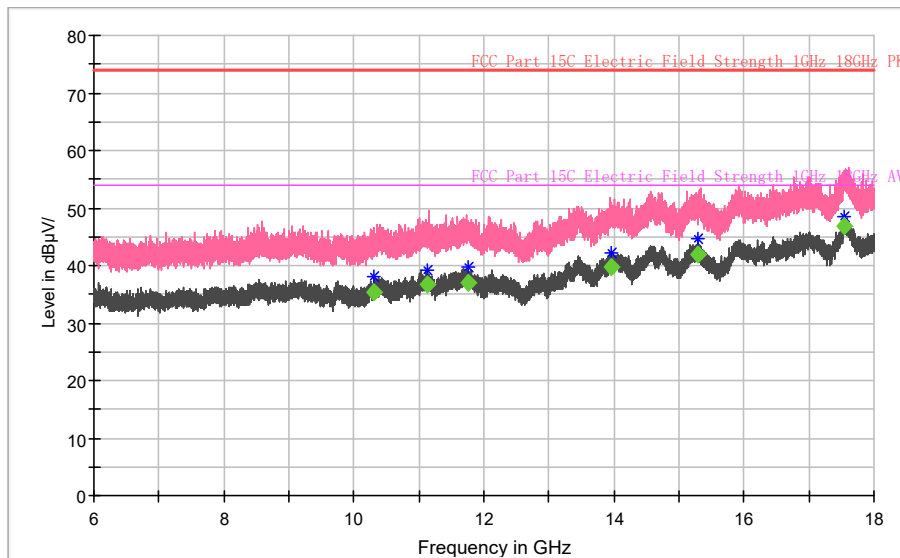
- 802.11a

Spurious Radiated Emissions from 1GHz to 18GHz:
 CH Middle (No.157)

Full Spectrum



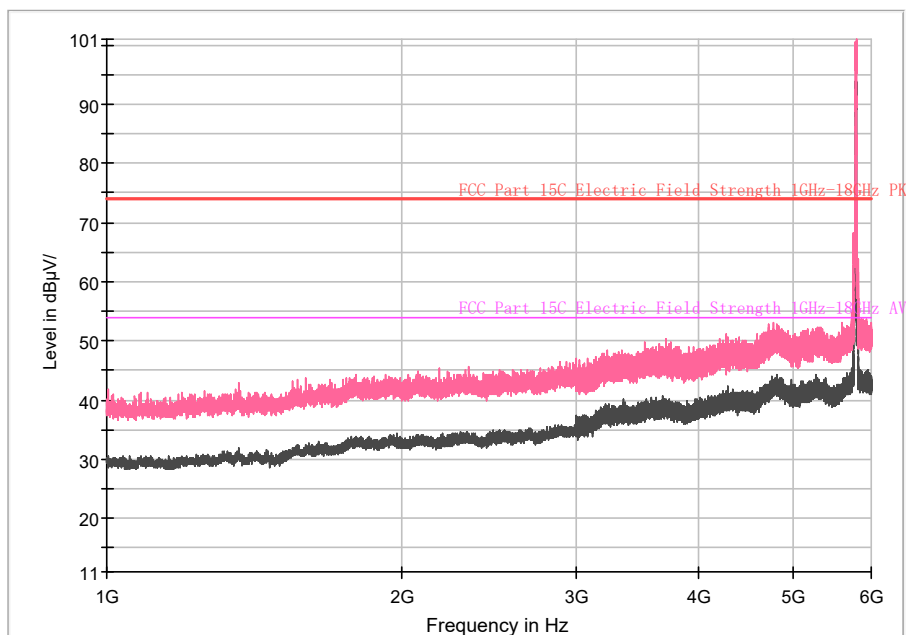
Full Spectrum

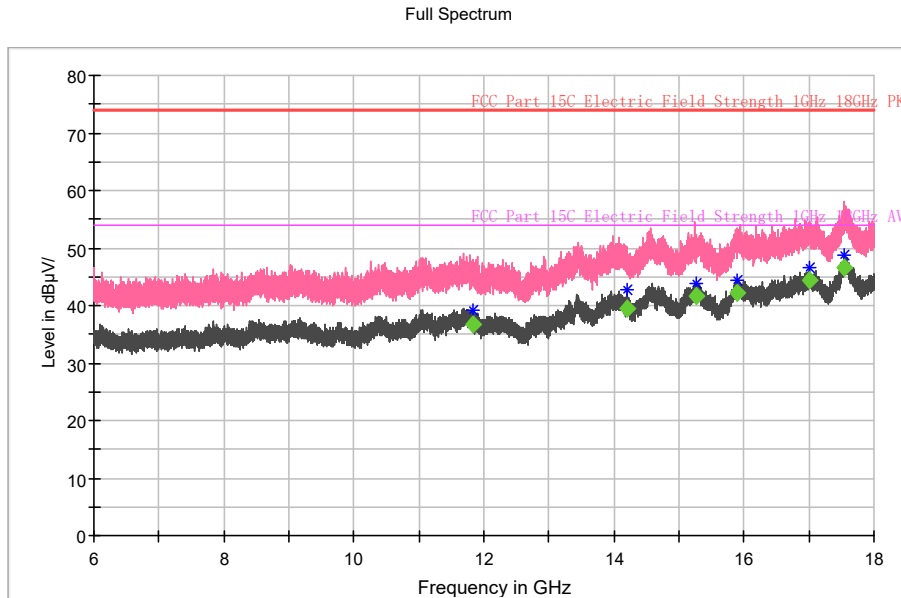


| Frequency (MHz) | Reading MaxPeak (dBuV) | Reading Average (dBuV) | MaxPeak (dBuV/m) | Average (dBuV/m) | Limit (dBuV/m) | Margin (dB) | A _{Rpl} (dB) | Polarity |
|-----------------|------------------------|------------------------|------------------|------------------|----------------|-------------|-----------------------|----------|
| 10299.200 | --- | 54.56 | --- | 35.36 | 54.00 | 18.64 | -19.20 | Vertical |
| 11137.600 | --- | 54.44 | --- | 36.84 | 54.00 | 17.16 | -17.60 | Vertical |
| 11752.800 | --- | 53.74 | --- | 37.04 | 54.00 | 16.96 | -16.70 | Vertical |
| 13971.600 | --- | 53.55 | --- | 39.85 | 54.00 | 14.15 | -13.70 | Vertical |
| 15288.800 | --- | 55.32 | --- | 41.82 | 54.00 | 12.18 | -13.50 | Vertical |
| 17545.600 | --- | 58.05 | --- | 46.75 | 54.00 | 7.25 | -11.30 | Vertical |

- 802.11n (HT20)
 Spurious Radiated Emissions from 1GHz to 18GHz:
 CH Middle (No.157)

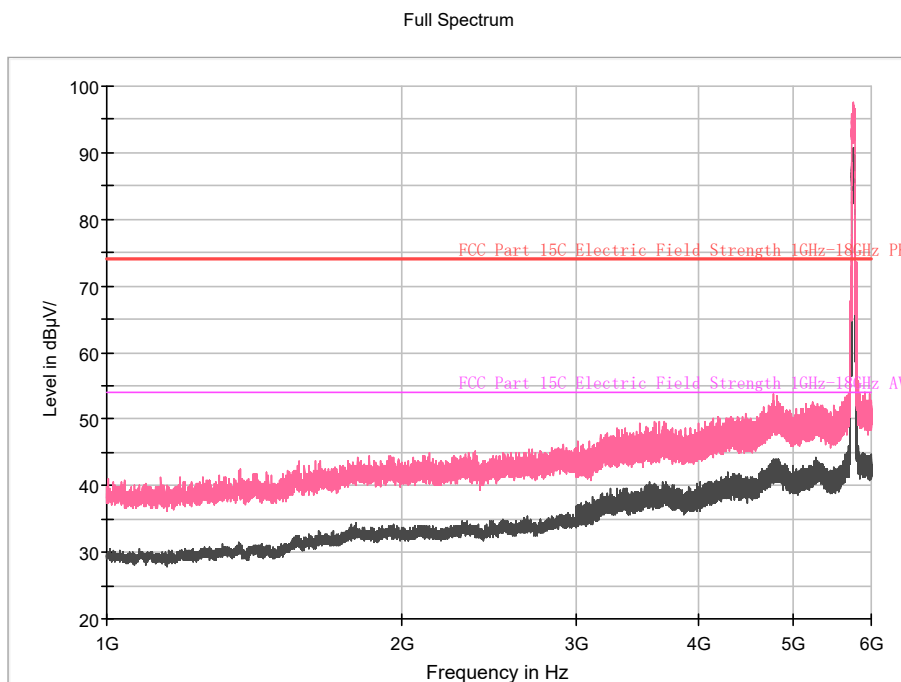
Full Spectrum



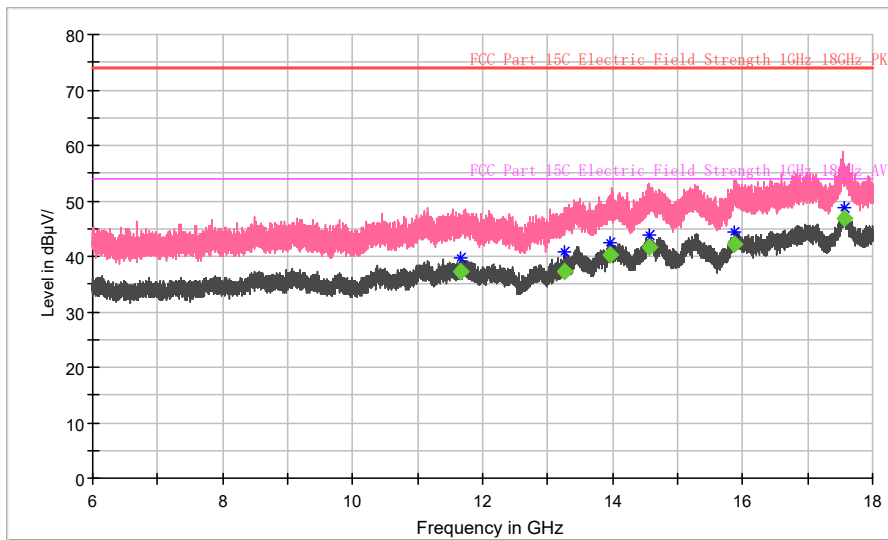


| Frequency (MHz) | Reading MaxPeak (dBuV) | Reading Average (dBuV) | MaxPeak (dBuV/m) | Average (dBuV/m) | Limit (dBuV/m) | Margin (dB) | A _{Rpl} (dB) | Polarity |
|-----------------|------------------------|------------------------|------------------|------------------|----------------|-------------|-----------------------|----------|
| 11818.800 | --- | 53.33 | --- | 36.63 | 54.00 | 17.37 | -16.70 | Vertical |
| 14197.200 | --- | 52.97 | --- | 39.37 | 54.00 | 14.63 | -13.60 | Vertical |
| 15277.200 | --- | 55.27 | --- | 41.77 | 54.00 | 12.23 | -13.50 | Vertical |
| 15887.200 | --- | 56.15 | --- | 42.25 | 54.00 | 11.75 | -13.90 | Vertical |
| 16997.200 | --- | 56.62 | --- | 44.42 | 54.00 | 9.58 | -12.20 | Vertical |
| 17549.200 | --- | 57.99 | --- | 46.69 | 54.00 | 7.31 | -11.30 | Vertical |

- 802.11n (HT40)
 Spurious Radiated Emissions from 1GHz to 18GHz:
 CH Middle (No.151)



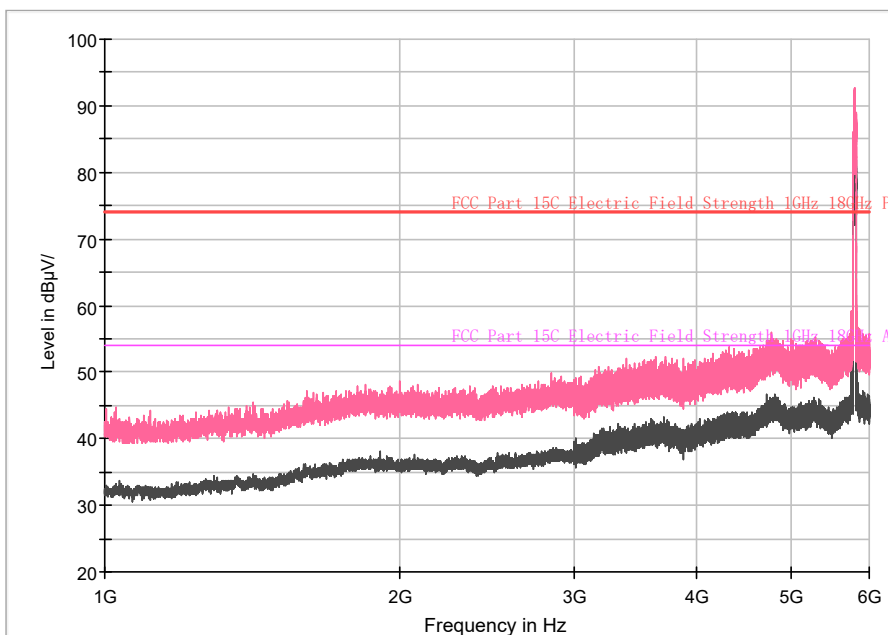
Full Spectrum

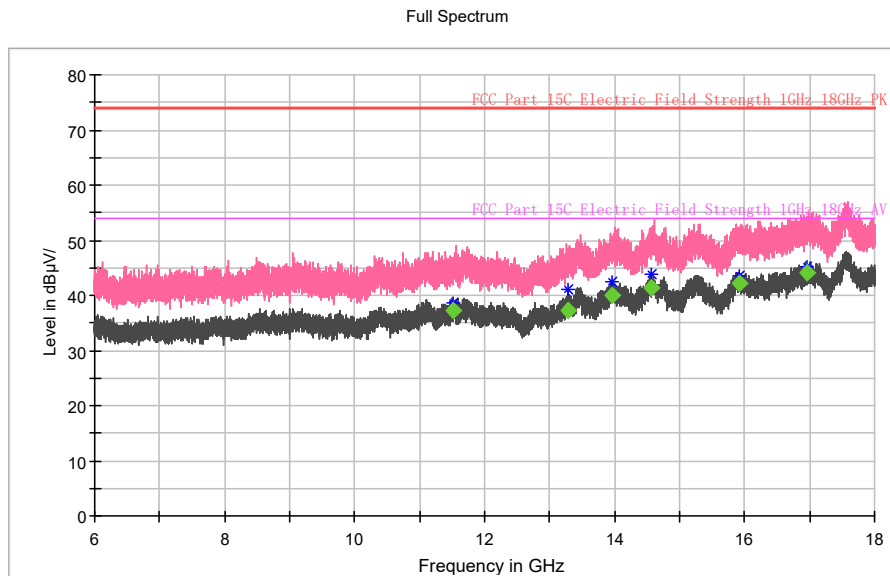


| Frequency (MHz) | Reading MaxPeak (dBuV) | Reading Average (dBuV) | MaxPeak (dBuV/m) | Average (dBuV/m) | Limit (dBuV/m) | Margin (dB) | A _{Rpl} (dB) | Polarity |
|-----------------|------------------------|------------------------|------------------|------------------|----------------|-------------|-----------------------|----------|
| 11660.000 | --- | 53.70 | --- | 37.20 | 54.00 | 16.80 | -16.50 | Vertical |
| 13259.200 | --- | 52.44 | --- | 37.24 | 54.00 | 16.76 | -15.20 | Vertical |
| 13960.800 | --- | 53.92 | --- | 40.22 | 54.00 | 13.78 | -13.70 | Vertical |
| 14559.600 | --- | 54.92 | --- | 41.52 | 54.00 | 12.48 | -13.40 | Vertical |
| 15862.400 | --- | 56.22 | --- | 42.32 | 54.00 | 11.68 | -13.90 | Vertical |
| 17563.600 | --- | 57.93 | --- | 46.73 | 54.00 | 7.27 | -11.20 | Vertical |

- 802.11n (HT40)
 Spurious Radiated Emissions from 1GHz to 18GHz:
 CH Middle (No.159)

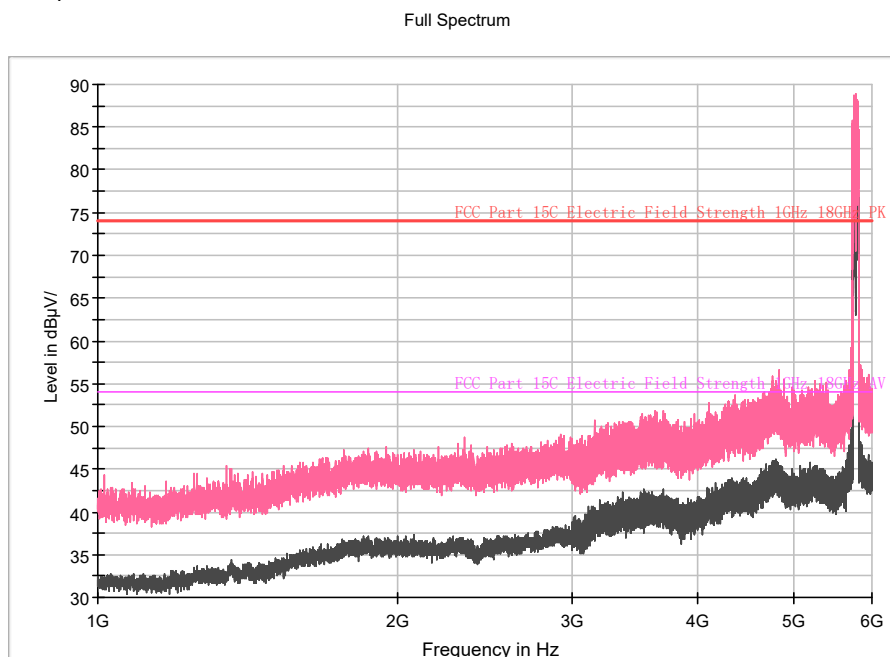
Full Spectrum



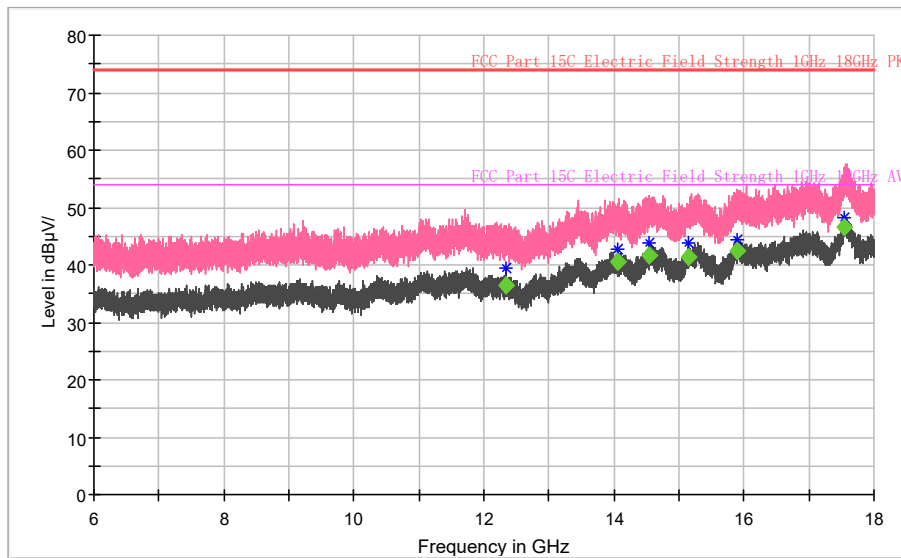


| Frequency (MHz) | Reading MaxPeak (dBuV) | Reading Average (dBuV) | MaxPeak (dBuV/m) | Average (dBuV/m) | Limit (dBuV/m) | Margin (dB) | A _{Rpl} (dB) | Polarity |
|-----------------|------------------------|------------------------|------------------|------------------|----------------|-------------|-----------------------|----------|
| 11504.800 | --- | 53.77 | --- | 37.27 | 54.00 | 16.73 | -16.50 | Vertical |
| 13277.200 | --- | 52.35 | --- | 37.25 | 54.00 | 16.75 | -15.10 | Vertical |
| 13966.800 | --- | 53.64 | --- | 39.94 | 54.00 | 14.06 | -13.70 | Vertical |
| 14566.000 | --- | 54.89 | --- | 41.49 | 54.00 | 12.51 | -13.40 | Vertical |
| 15921.200 | --- | 56.00 | --- | 42.10 | 54.00 | 11.90 | -13.90 | Vertical |
| 16962.800 | --- | 56.32 | --- | 44.02 | 54.00 | 9.98 | -12.30 | Vertical |

- 802.11ac (VHT80)
 Spurious Radiated Emissions from 1GHz to 18GHz:
 CH Middle (No.155)

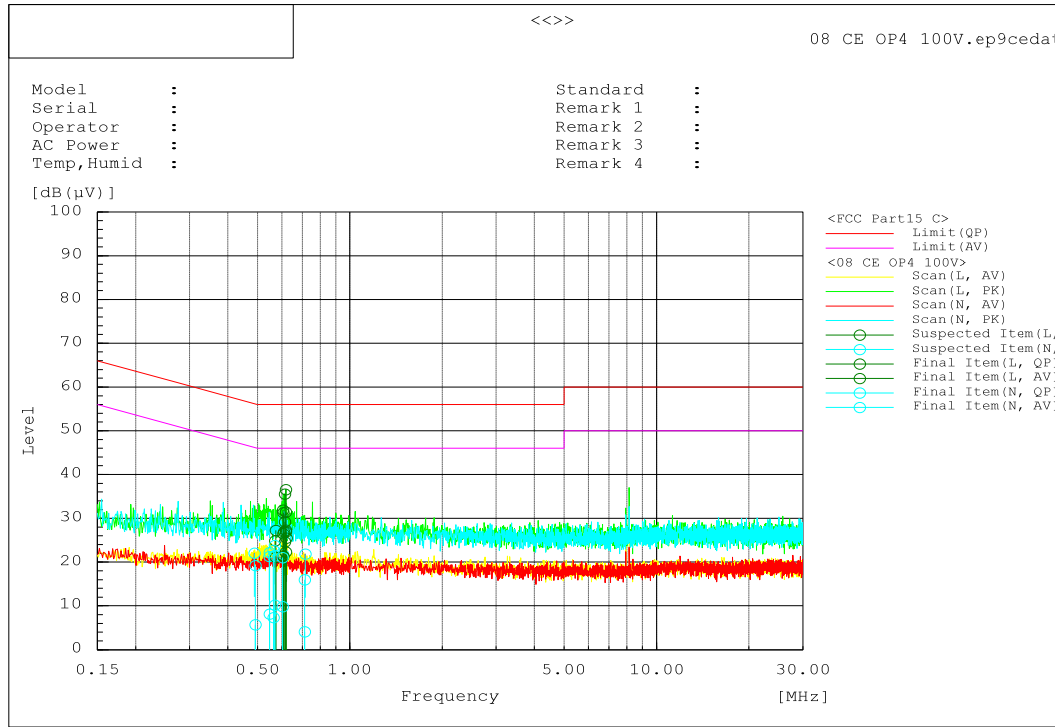


Full Spectrum



| Frequency (MHz) | Reading MaxPeak (dBuV) | Reading Average (dBuV) | MaxPeak (dBuV/m) | Average (dBuV/m) | Limit (dBuV/m) | Margin (dB) | A _{Rpl} (dB) | Polarity |
|-----------------|------------------------|------------------------|------------------|------------------|----------------|-------------|-----------------------|----------|
| 12346.800 | --- | 53.41 | --- | 36.31 | 54.00 | 17.69 | -17.10 | Vertical |
| 14047.600 | --- | 54.25 | --- | 40.55 | 54.00 | 13.45 | -13.70 | Vertical |
| 14543.600 | --- | 54.97 | --- | 41.57 | 54.00 | 12.43 | -13.40 | Vertical |
| 15139.600 | --- | 54.83 | --- | 41.33 | 54.00 | 12.67 | -13.50 | Vertical |
| 15902.400 | --- | 56.29 | --- | 42.39 | 54.00 | 11.61 | -13.90 | Vertical |
| 17545.200 | --- | 57.95 | --- | 46.65 | 54.00 | 7.35 | -11.30 | Vertical |

AC Power line Conducted Emission 100V

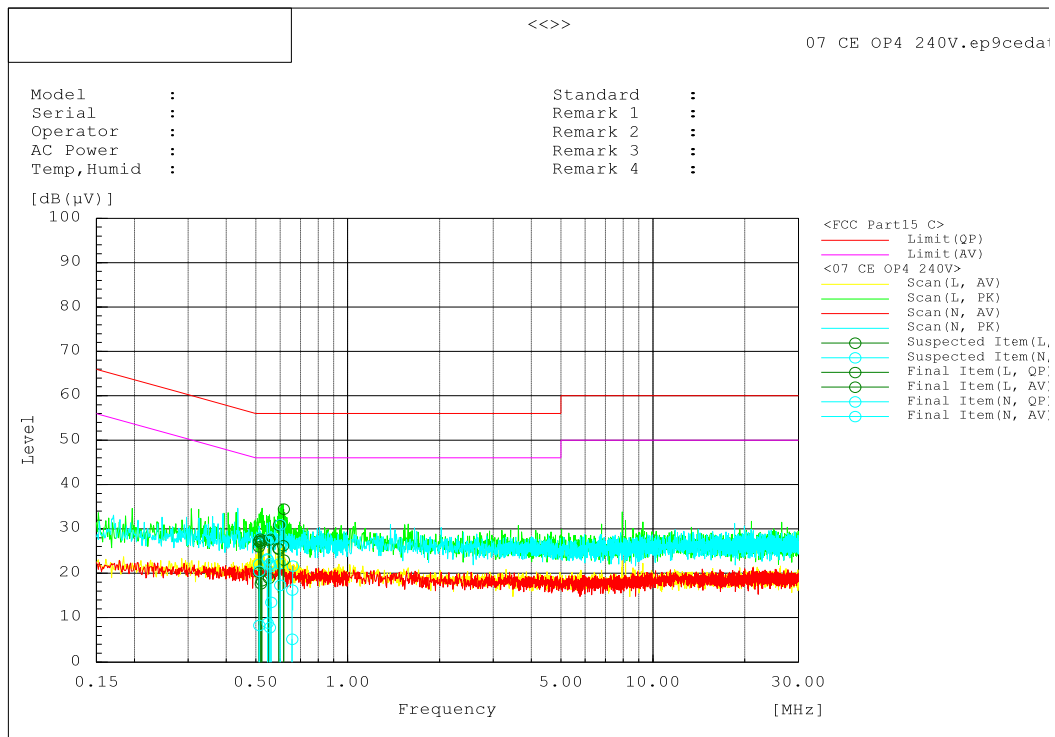


L+N Line

MEASUREMENT RESULT:

| Range | Frequency MHz | Line | Reading | | | Factor dB | Level | | | Limit dB(µV) | Limit | | | Margin | | | Pass/Fail |
|-------|------------------|------|---------|------|----|--------------|--------|------|----|-----------------|--------|----|------|--------|----|------|-----------|
| | | | dB(µV) | | | | dB(µV) | | | | dB(µV) | | | dB | | | |
| | | | QP | AV | PK | | QP | AV | PK | | QP | AV | PK | QP | AV | PK | |
| Band1 | 0.574 | L | 7.3 | 1.2 | | 19.9 | 27.2 | 21.1 | | 56 | 46 | | 28.8 | 24.9 | | Pass | |
| Band1 | 0.605 | L | 12 | 1.6 | | 19.9 | 31.9 | 21.5 | | 56 | 46 | | 24.1 | 24.5 | | Pass | |
| Band1 | 0.607 | L | 11.4 | 1.4 | | 19.9 | 31.3 | 21.3 | | 56 | 46 | | 24.7 | 24.7 | | Pass | |
| Band1 | 0.614 | L | 15.7 | 4.7 | | 19.9 | 35.6 | 24.6 | | 56 | 46 | | 20.4 | 21.4 | | Pass | |
| Band1 | 0.618 | L | 16.7 | 7 | | 19.9 | 36.6 | 26.9 | | 56 | 46 | | 19.4 | 19.1 | | Pass | |
| Band1 | 0.619 | L | 11.5 | 2.4 | | 19.9 | 31.4 | 22.3 | | 56 | 46 | | 24.6 | 23.7 | | Pass | |
| Band1 | 0.492 | N | -0.7 | -14 | | 19.9 | 19.2 | 5.7 | | 56.1 | 46.1 | | 36.9 | 40.4 | | Pass | |
| Band1 | 0.547 | N | 2.3 | -12 | | 19.9 | 22.2 | 8.1 | | 56 | 46 | | 33.8 | 37.9 | | Pass | |
| Band1 | 0.563 | N | 2.8 | -13 | | 19.9 | 22.7 | 7.3 | | 56 | 46 | | 33.3 | 38.7 | | Pass | |
| Band1 | 0.569 | N | 3.9 | -9.7 | | 19.9 | 23.8 | 10.2 | | 56 | 46 | | 32.2 | 35.8 | | Pass | |
| Band1 | 0.604 | N | 1.1 | -10 | | 19.9 | 21 | 9.8 | | 56 | 46 | | 35 | 36.2 | | Pass | |
| Band1 | 0.712 | N | -3.8 | -16 | | 19.8 | 16 | 4.1 | | 56 | 46 | | 40 | 41.9 | | Pass | |

240V



L+N Line

MEASUREMENT RESULT:

| Range | Frequency MHz | Line | Reading | | | Factor dB | Level | | | Limit dB(μV) | Limit | | | Margin | | | Pass/Fail |
|-------|------------------|------|---------|------|----|--------------|--------|------|----|-----------------|--------|----|------|--------|----|------|-----------|
| | | | dB(μV) | | | | dB(μV) | | | | dB(μV) | | | dB | | | |
| | | | QP | AV | PK | | QP | AV | PK | | QP | AV | PK | QP | AV | PK | |
| Band1 | 0.513 | N | 0.6 | -12 | | 19.9 | 20.5 | 8.3 | | 56 | 46 | | 35.5 | 37.7 | | Pass | |
| Band1 | 0.547 | N | 3.2 | -11 | | 19.9 | 23.1 | 8.8 | | 56 | 46 | | 32.9 | 37.2 | | Pass | |
| Band1 | 0.556 | N | 2.3 | -12 | | 19.9 | 22.2 | 7.8 | | 56 | 46 | | 33.8 | 38.2 | | Pass | |
| Band1 | 0.561 | N | 8.1 | -6.4 | | 19.9 | 28 | 13.5 | | 56 | 46 | | 28 | 32.5 | | Pass | |
| Band1 | 0.601 | N | 11.1 | -2.6 | | 19.9 | 31 | 17.3 | | 56 | 46 | | 25 | 28.7 | | Pass | |
| Band1 | 0.657 | N | -3.6 | -15 | | 19.9 | 16.3 | 5.1 | | 56 | 46 | | 39.7 | 40.9 | | Pass | |
| Band1 | 0.512 | L | 7.3 | 0.3 | | 19.9 | 27.2 | 20.2 | | 56 | 46 | | 28.8 | 25.8 | | Pass | |
| Band1 | 0.518 | L | 7.3 | -2.2 | | 19.9 | 27.2 | 17.7 | | 56 | 46 | | 28.8 | 28.3 | | Pass | |
| Band1 | 0.523 | L | 7.6 | -1.6 | | 19.9 | 27.5 | 18.3 | | 56 | 46 | | 28.5 | 27.7 | | Pass | |
| Band1 | 0.552 | L | 7.6 | -1 | | 19.9 | 27.5 | 18.9 | | 56 | 46 | | 28.5 | 27.1 | | Pass | |
| Band1 | 0.595 | L | 11 | 5.5 | | 19.9 | 30.9 | 25.4 | | 56 | 46 | | 25.1 | 20.6 | | Pass | |
| Band1 | 0.616 | L | 14.6 | 3.1 | | 19.9 | 34.5 | 23 | | 56 | 46 | | 21.5 | 23 | | Pass | |

---The end of the test report---