

RE - 3GHz-6GHz

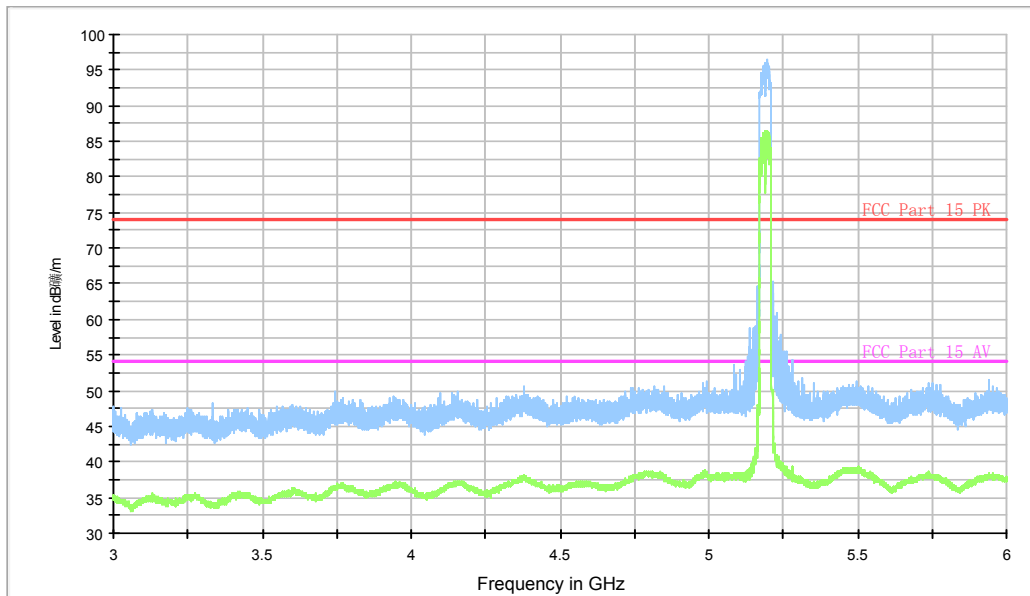


Fig. 50 Radiated Spurious Emission (802.11n-HT40, ch38, 1 GHz-3 GHz)

RE - 6GHz-18GHz

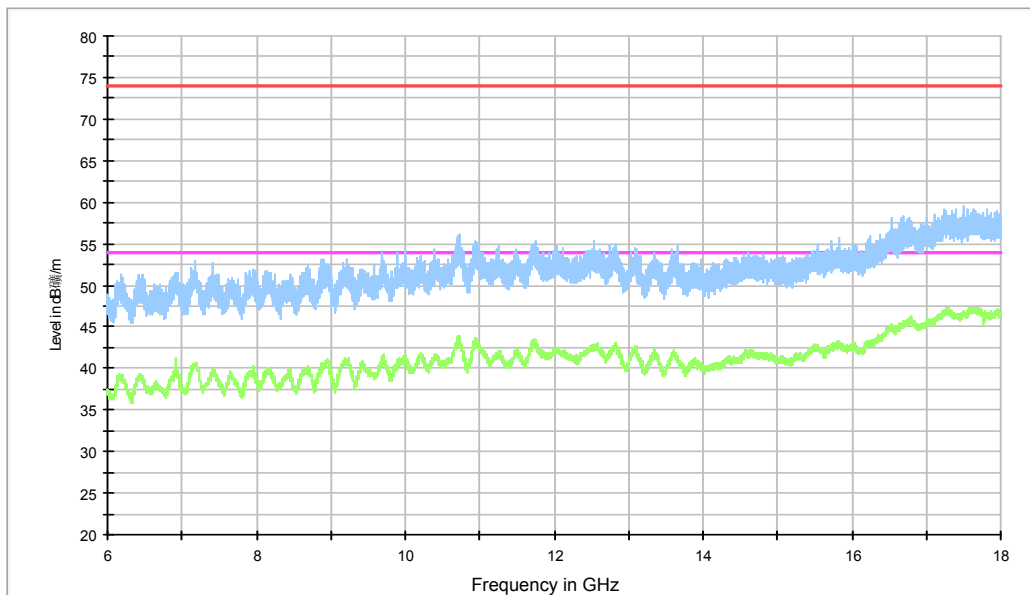


Fig. 51 Radiated Spurious Emission (802.11n-HT40, ch38, 6 GHz-18 GHz)

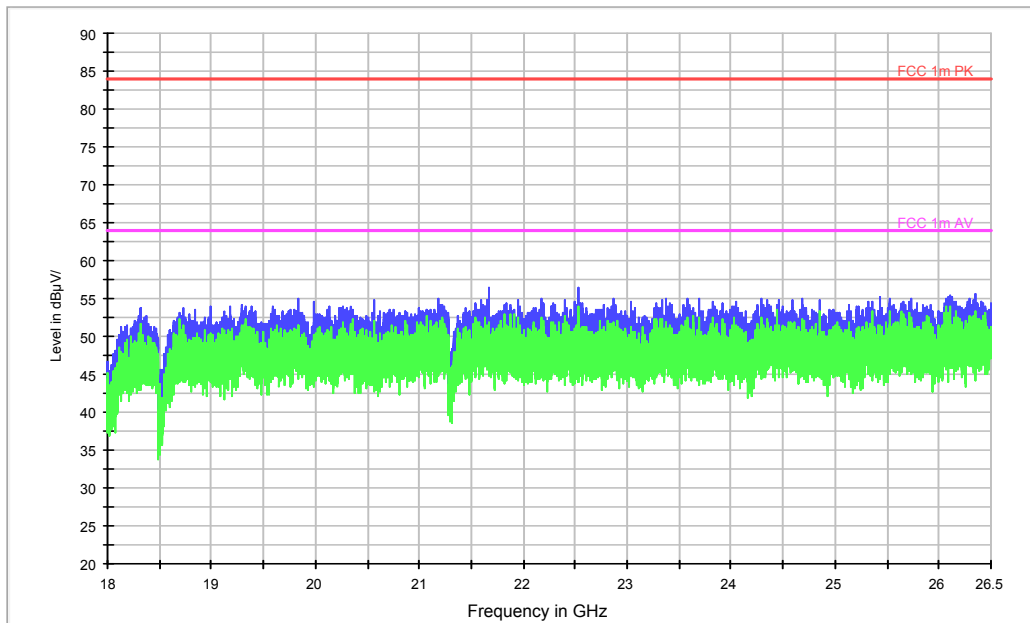


Fig. 52 Radiated Spurious Emission (802.11n-HT40, ch38, 18 GHz-26.5 GHz)

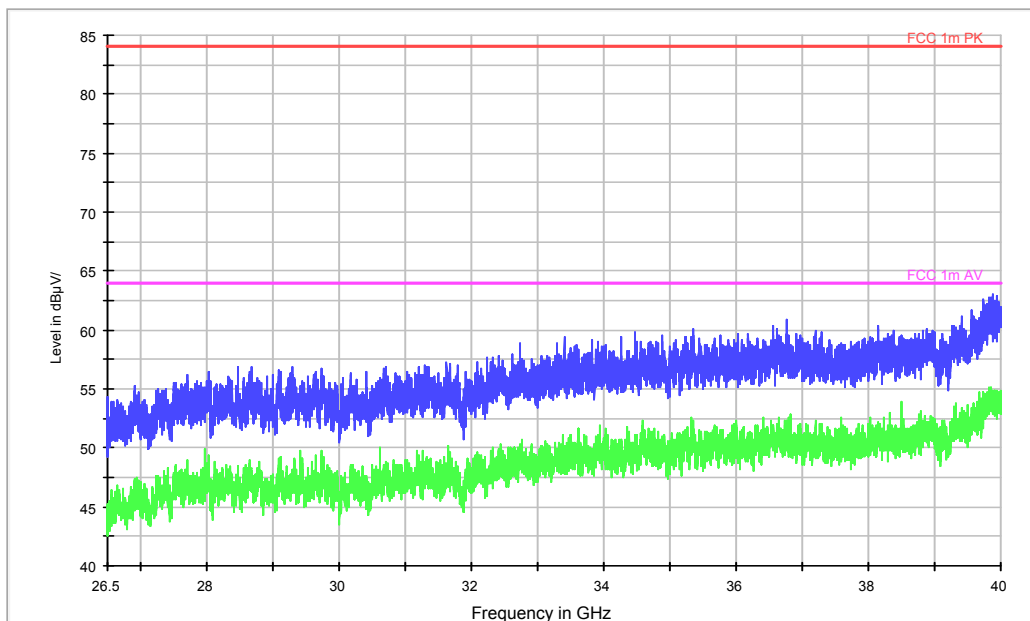


Fig. 53 Radiated Spurious Emission (802.11n-HT40, ch38, 26.5 GHz-40 GHz)

RE - 1GHz-3GHz

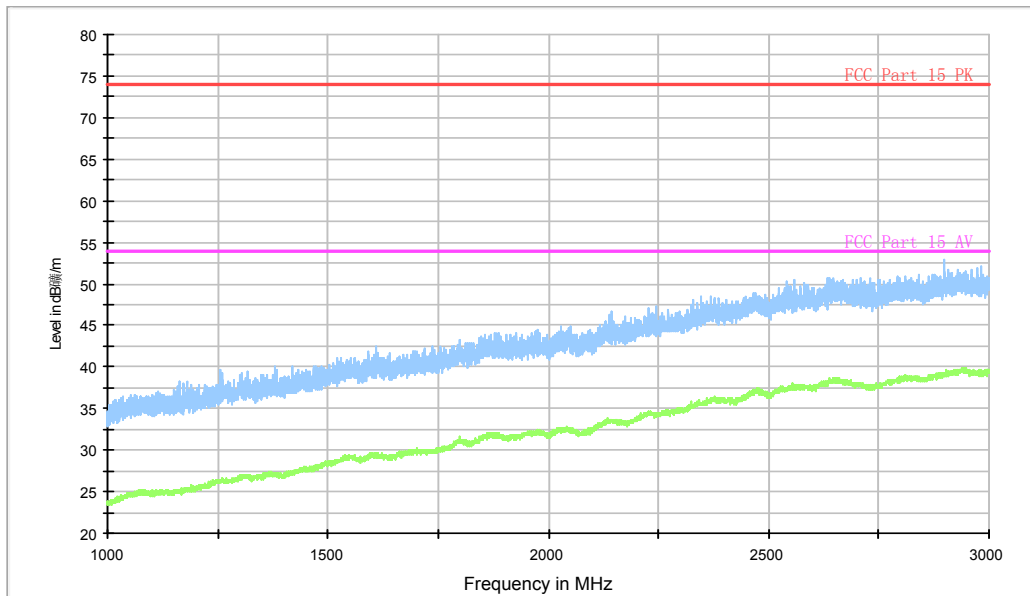


Fig. 54 Radiated Spurious Emission (802.11n-HT40, ch46, 1 GHz-3 GHz)

RE - 3GHz-6GHz

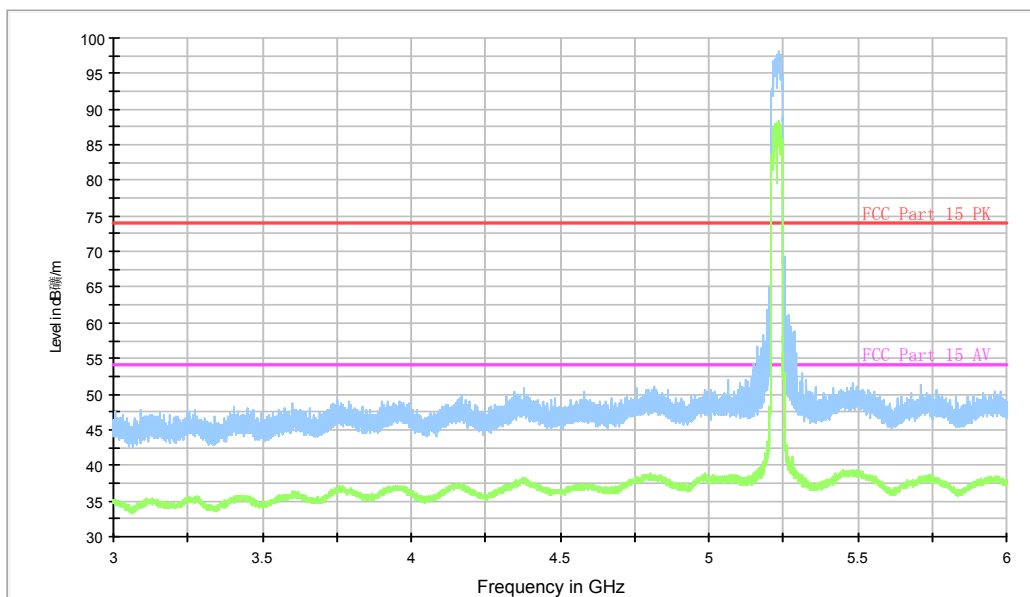


Fig. 55 Radiated Spurious Emission (802.11n-HT40, ch46, 3 GHz-6 GHz)

RE - 6GHz-18GHz

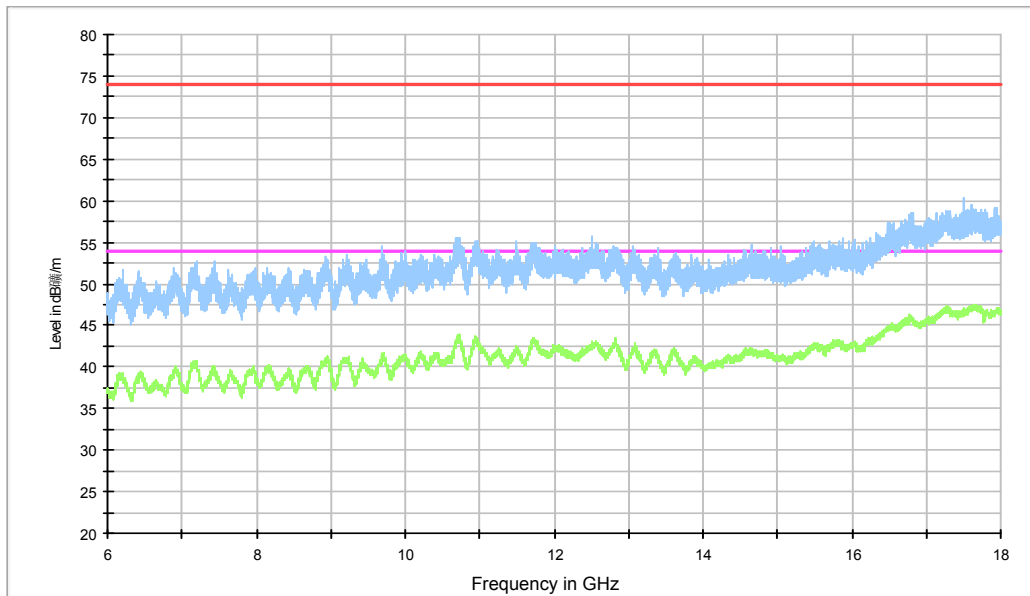


Fig. 56 Radiated Spurious Emission (802.11n-HT40, ch46, 6 GHz-18 GHz)

RE - 1GHz-3GHz

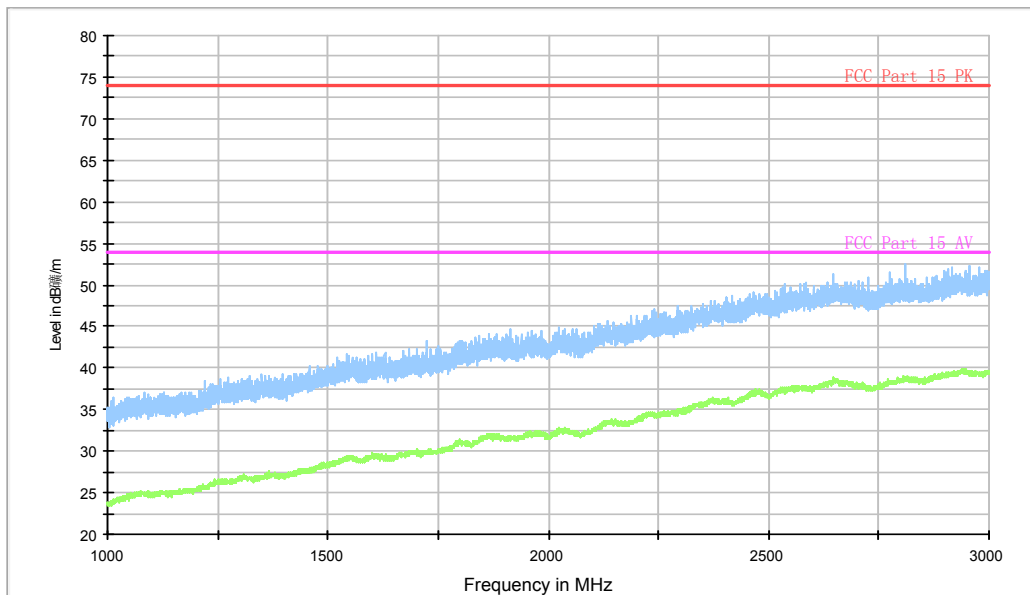


Fig. 57 Radiated Spurious Emission (802.11ac-HT20, ch36, 1 GHz-3 GHz)

RE - 3GHz-6GHz

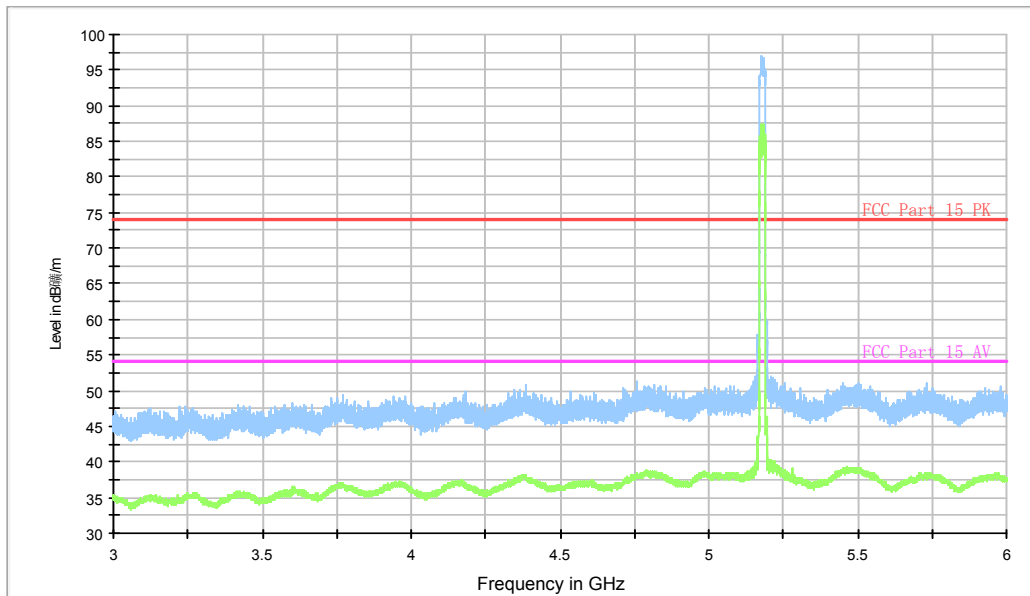


Fig. 58 Radiated Spurious Emission (802.11ac-HT20, ch36, 3 GHz-6 GHz)

RE - 6GHz-18GHz

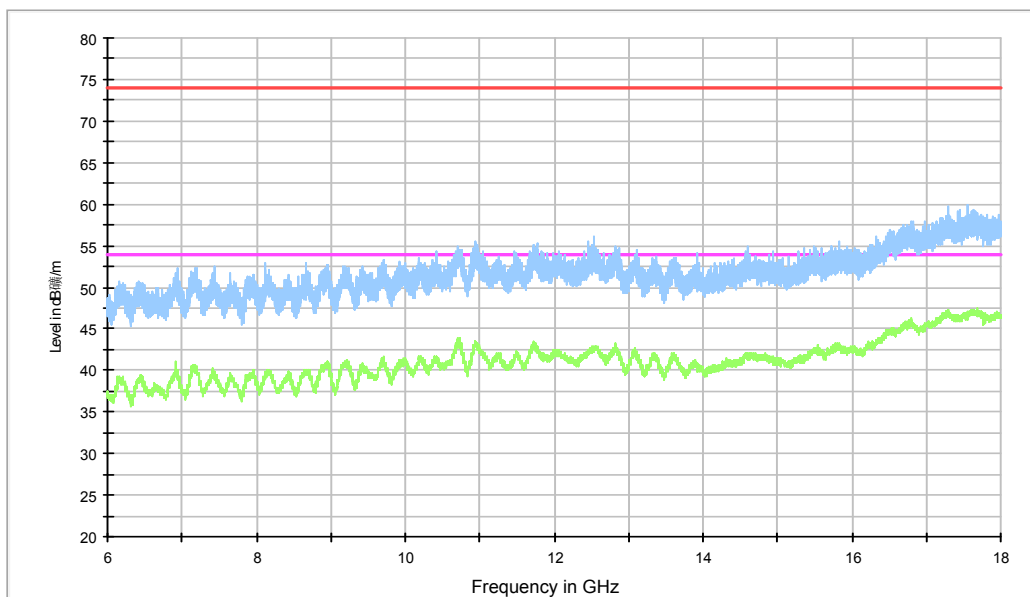


Fig. 59 Radiated Spurious Emission (802.11ac-HT20, ch36, 6 GHz-18GHz)

RE 30MHz-1GHz

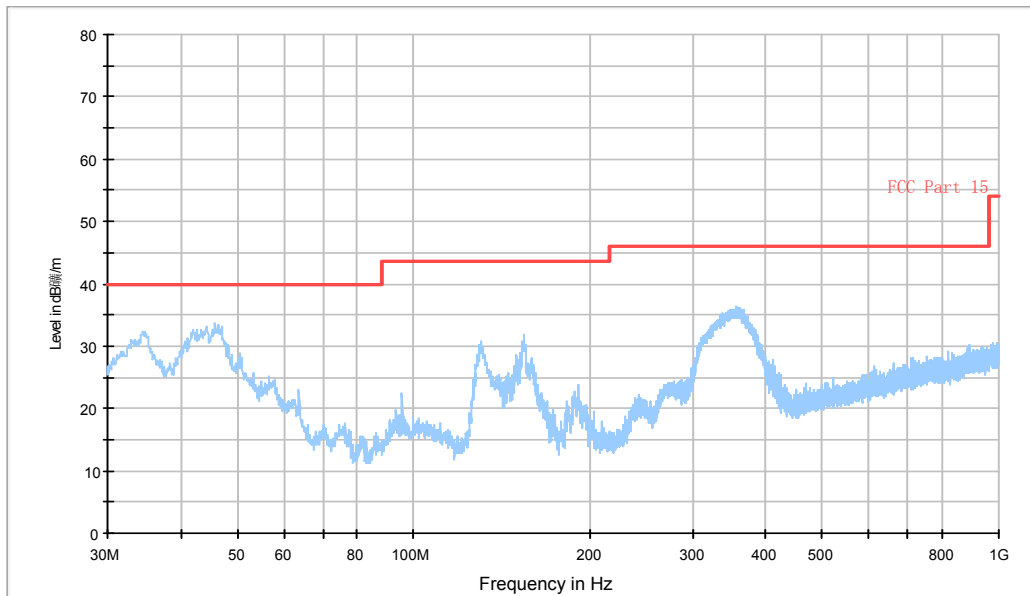


Fig. 60 Radiated Spurious Emission (802.11ac-HT20, ch40, 30 MHz-1 GHz)

RE - 1GHz-3GHz

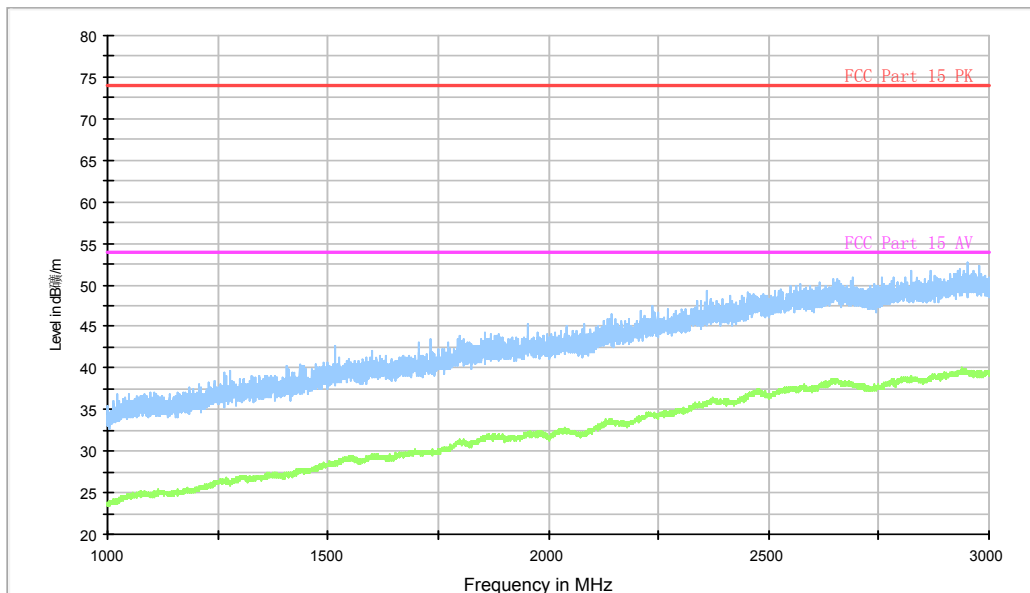


Fig. 61 Radiated Spurious Emission (802.11ac-HT20, ch40, 1 GHz-3 GHz)

RE - 3GHz-6GHz

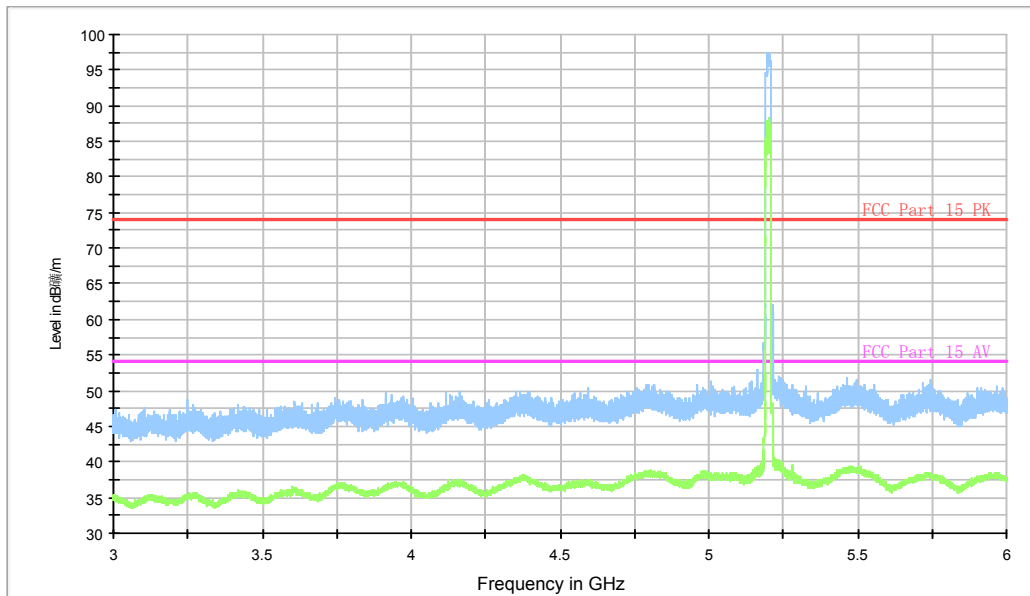


Fig. 62 Radiated Spurious Emission (802.11ac-HT20, ch40, 3 GHz-6 GHz)

RE - 6GHz-18GHz

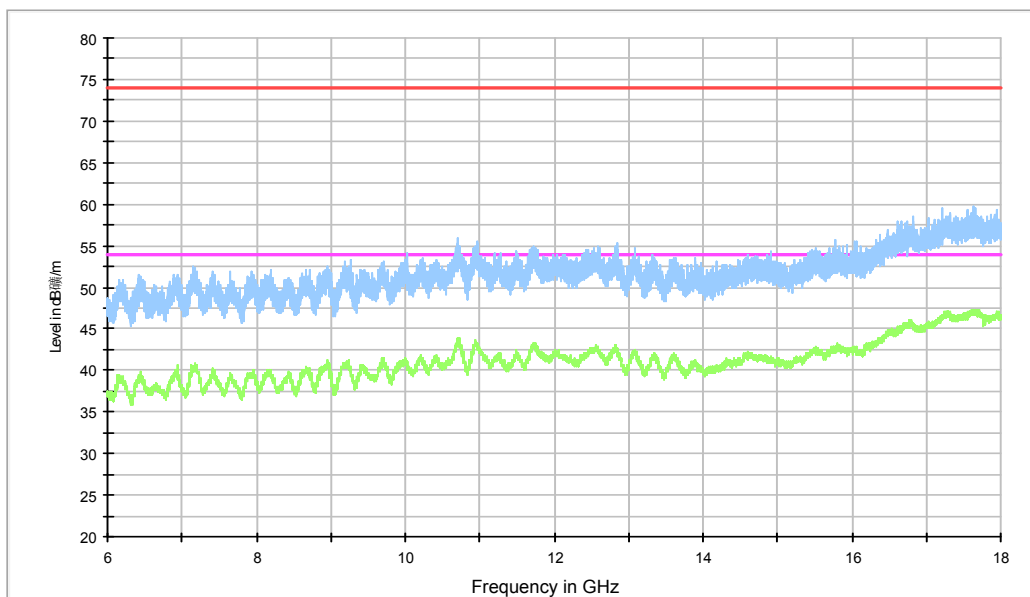


Fig. 63 Radiated Spurious Emission (802.11ac-HT20, ch40, 6 GHz-18 GHz)

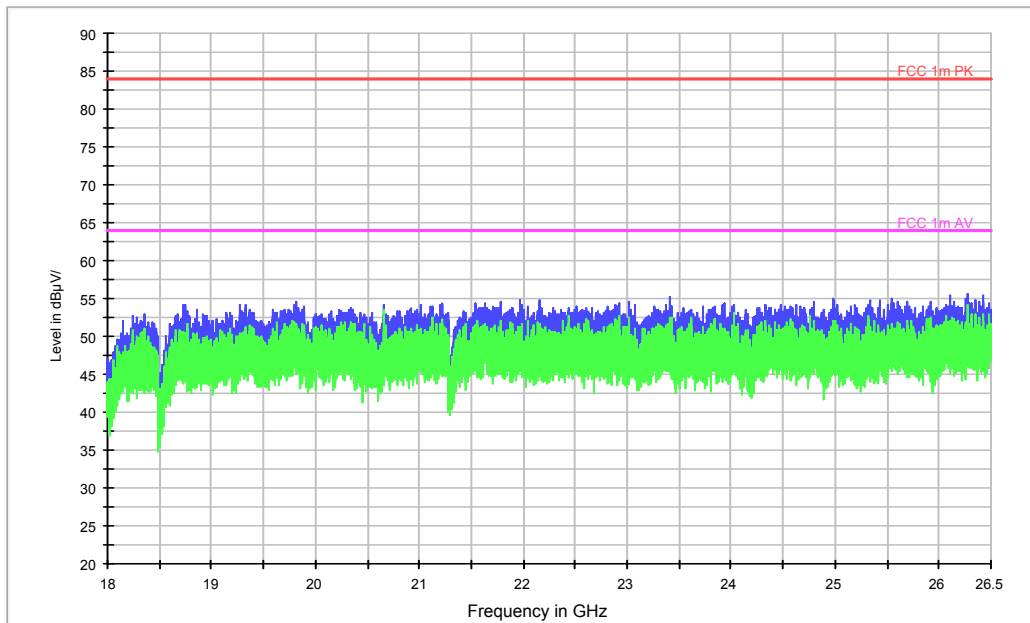


Fig. 64 Radiated Spurious Emission (802.11ac-HT20, ch40, 18 GHz-26.5 GHz)

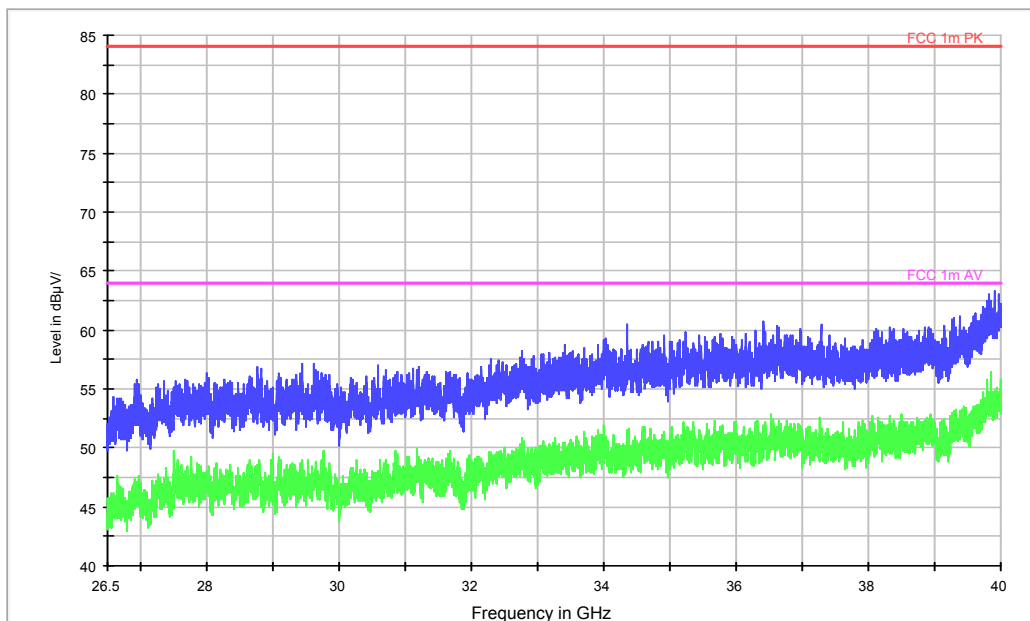


Fig. 65 Radiated Spurious Emission (802.11ac-HT20, ch40, 26.5 GHz-40 GHz)

RE - 1GHz-3GHz

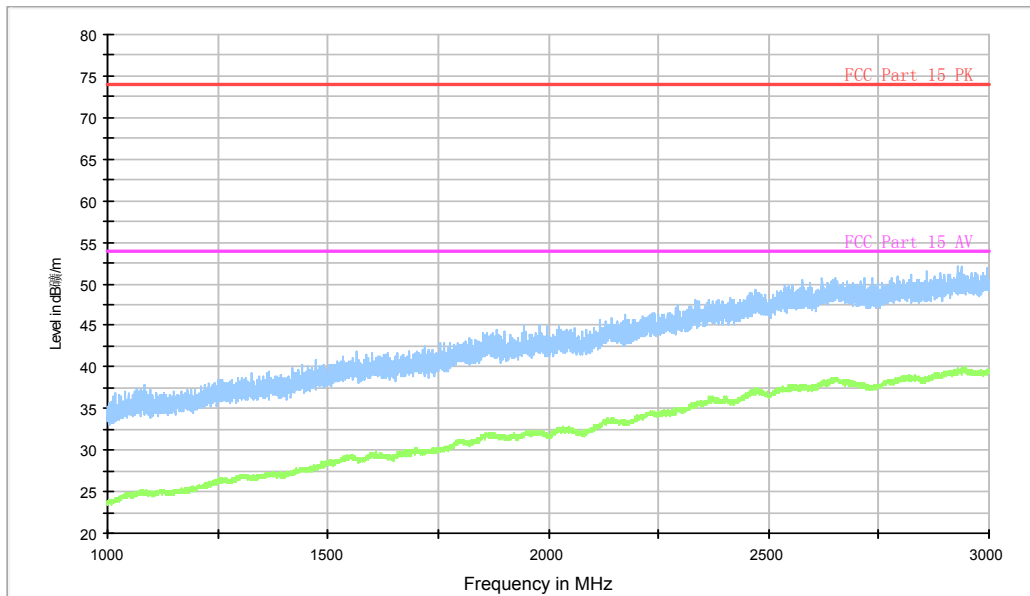


Fig. 66 Radiated Spurious Emission (802.11ac-HT20, ch48, 1 GHz-3GHz)

RE - 3GHz-6GHz

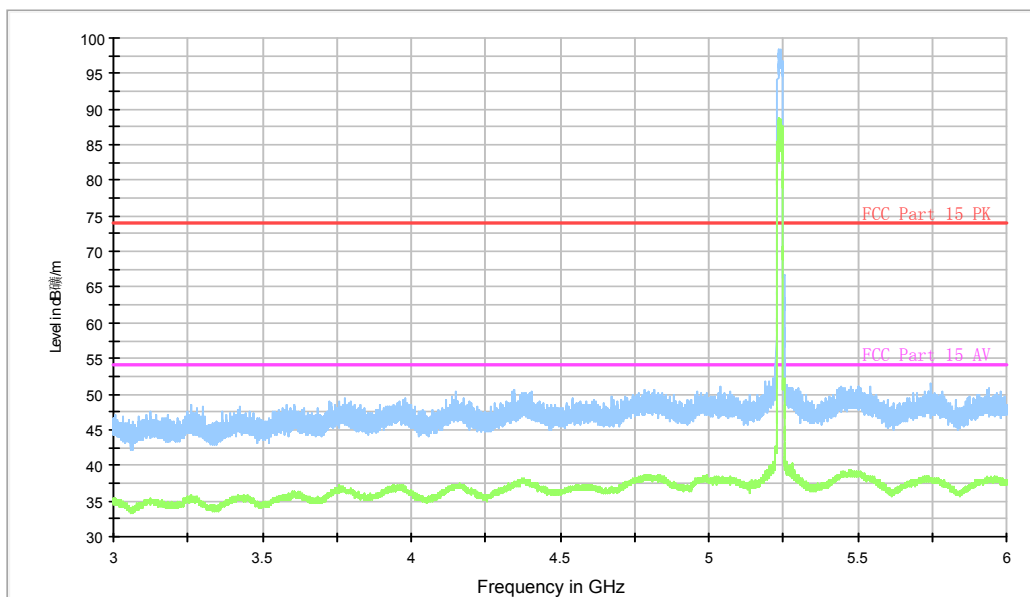


Fig. 67 Radiated Spurious Emission (802.11ac-HT20, ch48, 3 GHz-6GHz)

RE - 6GHz-18GHz

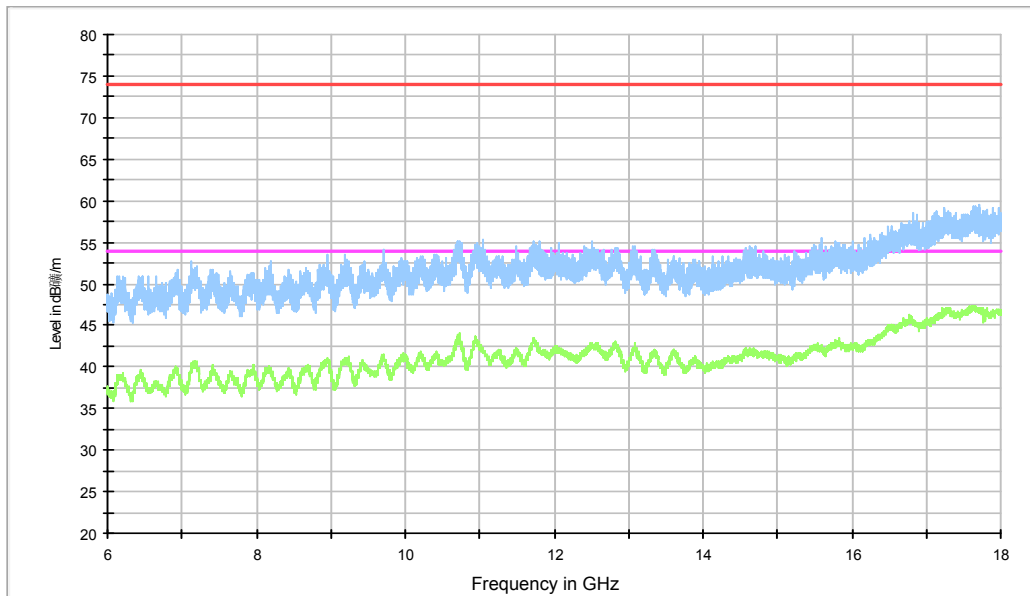


Fig. 68 Radiated Spurious Emission (802.11ac-HT20, ch48, 6 GHz-18 GHz)

RE 30MHz-1GHz

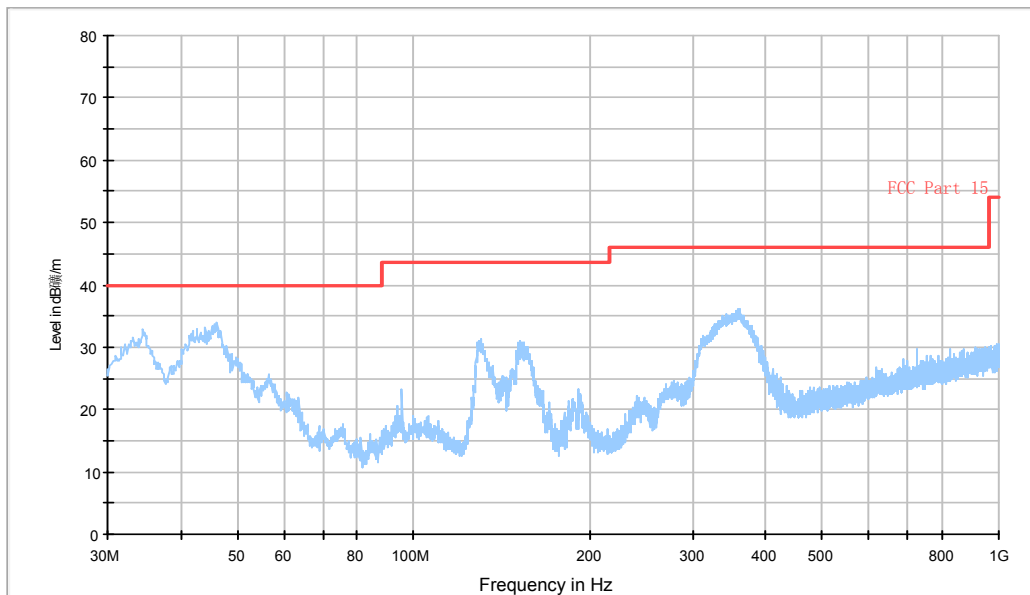


Fig. 69 Radiated Spurious Emission (802.11ac-HT40, ch38, 30 MHz-1 GHz)

RE - 1GHz-3GHz

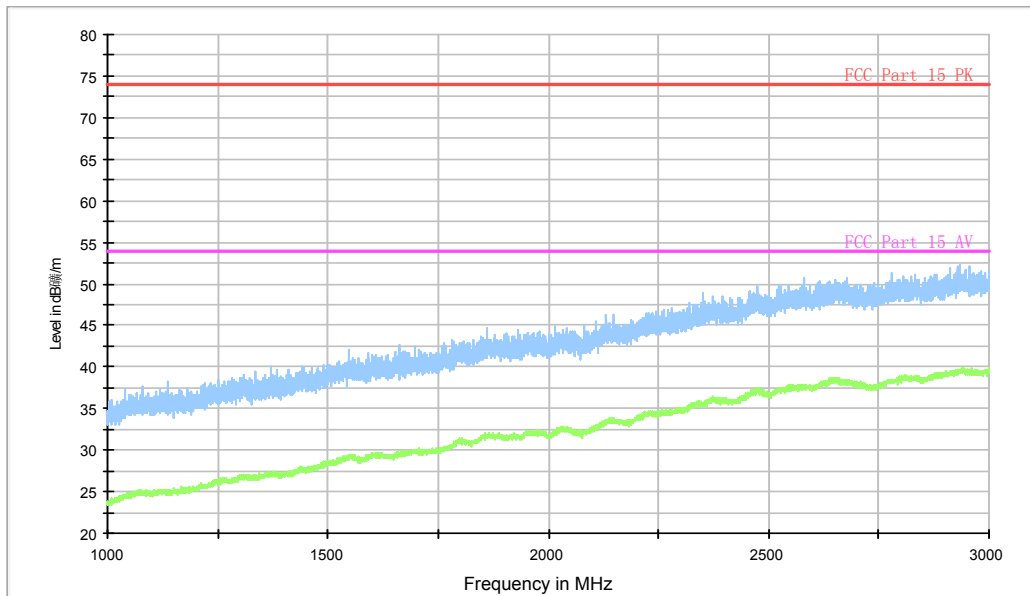


Fig. 70 Radiated Spurious Emission (802.11ac-HT40, ch38, 1 GHz-3 GHz)

RE - 3GHz-6GHz

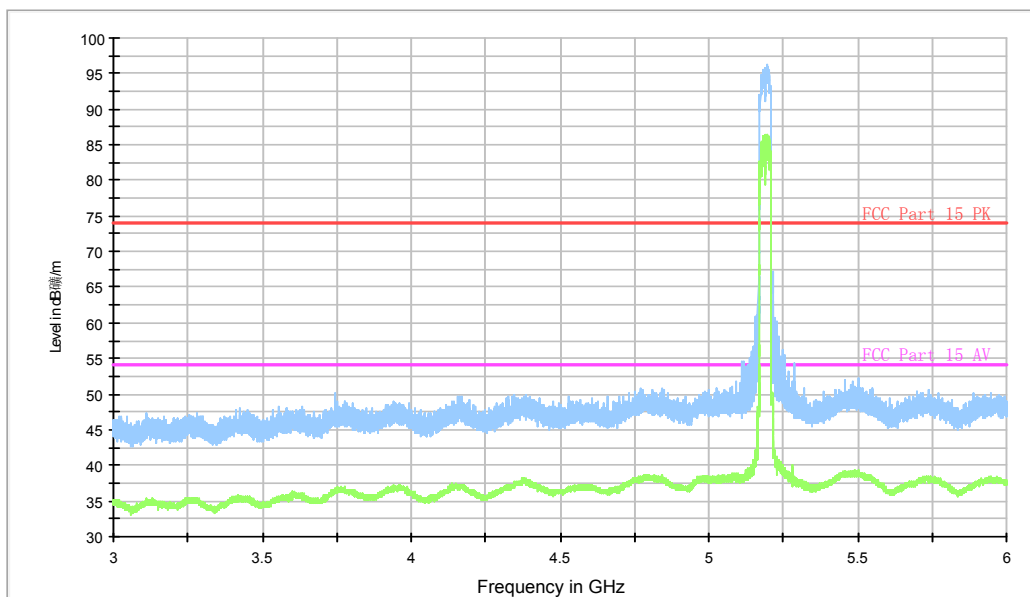


Fig. 71 Radiated Spurious Emission (802.11ac-HT40, ch38, 3 GHz-6 GHz)

RE - 6GHz-18GHz

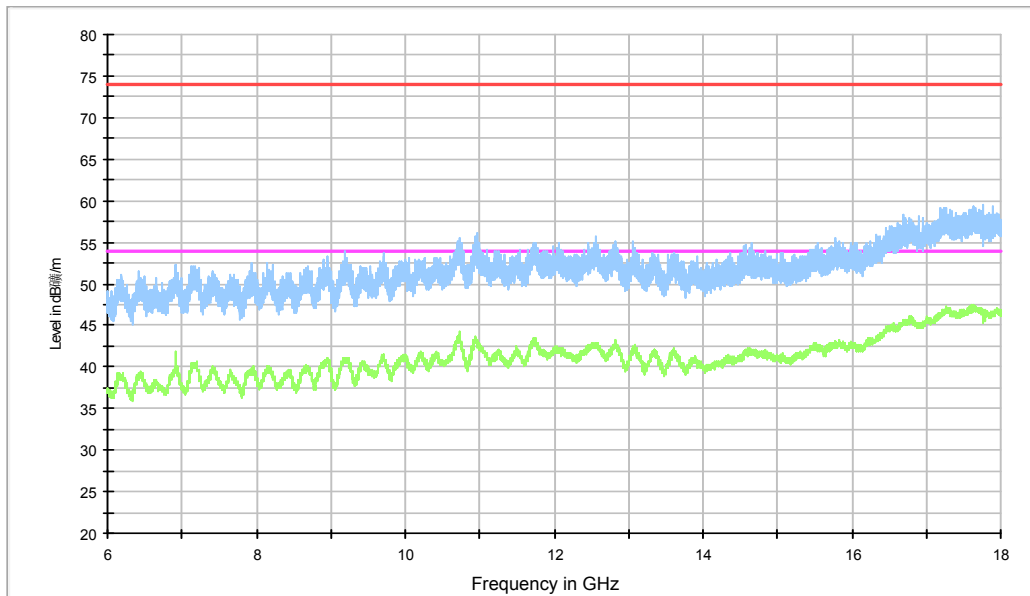


Fig. 72 Radiated Spurious Emission (802.11ac-HT40, ch38, 6 GHz-18 GHz)

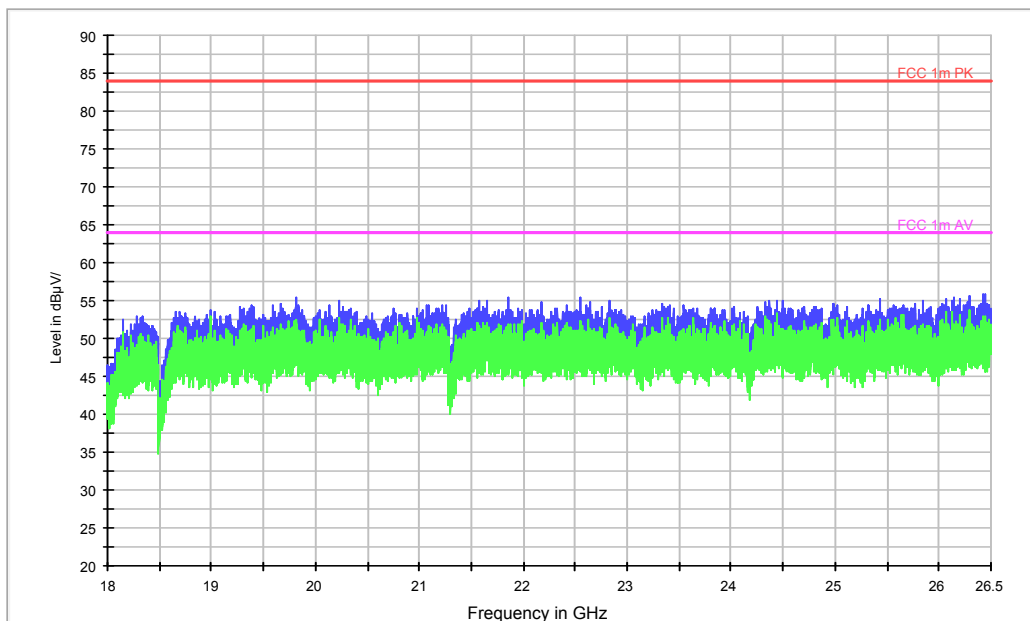


Fig. 73 Radiated Spurious Emission (802.11ac-HT40, ch38, 18 GHz-26.5 GHz)

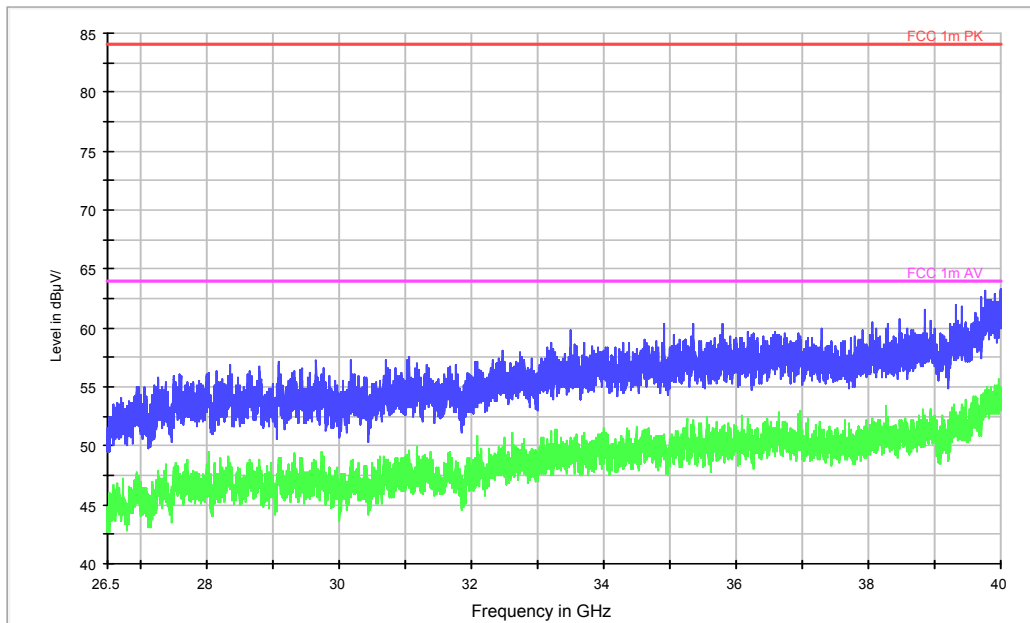


Fig. 74 Radiated Spurious Emission (802.11ac-HT40, ch38, 26.5 GHz-40 GHz)

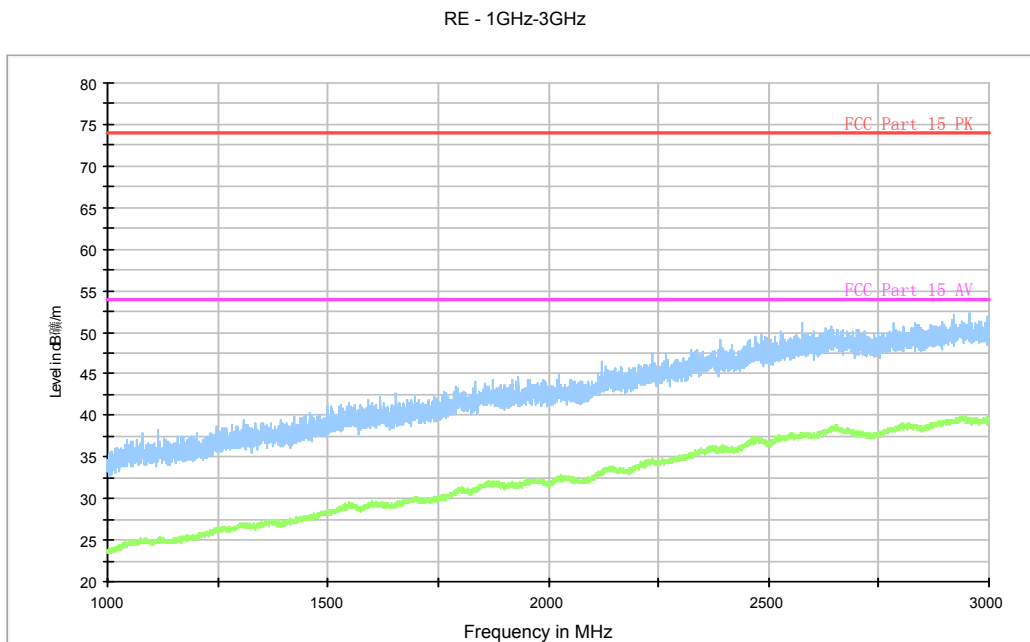


Fig. 75 Radiated Spurious Emission (802.11ac-HT40, ch46, 1 GHz-3 GHz)

RE - 3GHz-6GHz

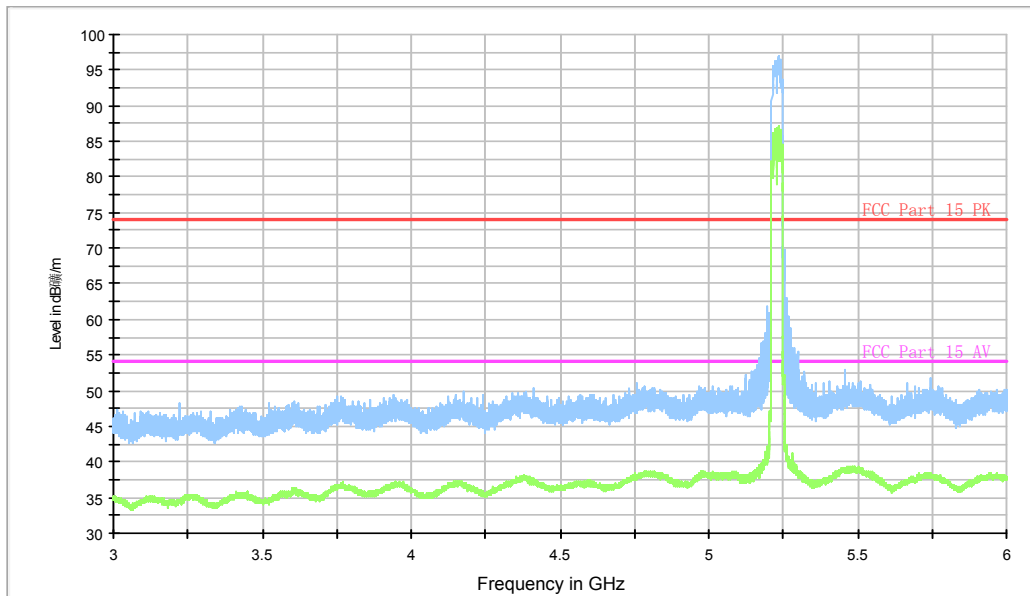


Fig. 76 Radiated Spurious Emission (802.11ac-HT40, ch46, 3 GHz-6 GHz)

RE - 6GHz-18GHz

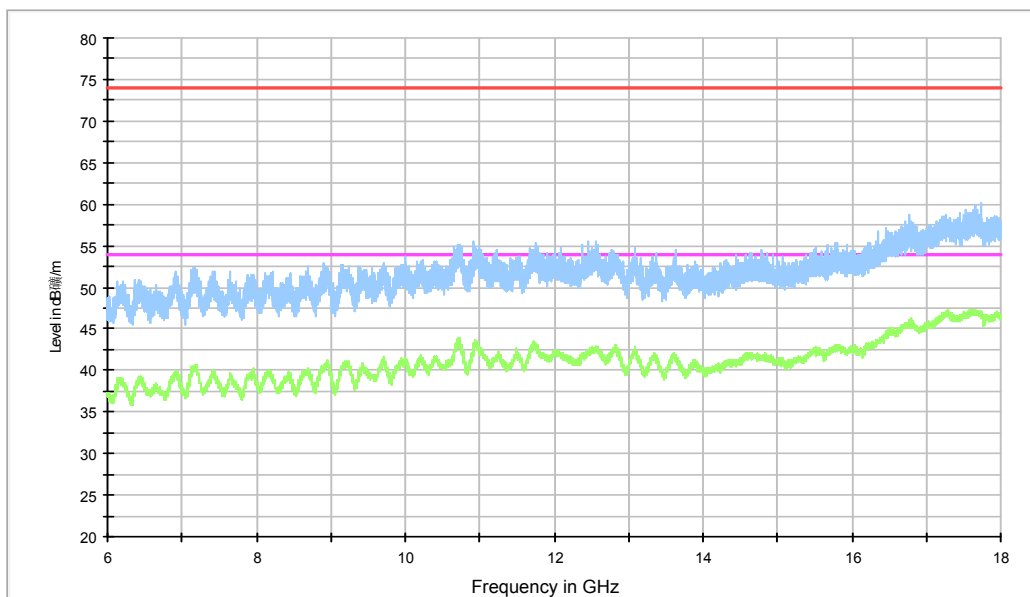


Fig. 77 Radiated Spurious Emission (802.11ac-HT40, ch46, 6 GHz-18 GHz)

5GHz U-NII 2A

802.11a mode

| Mode | Channel | FrequencyRange | Test Results | Conclusion |
|---------|-------------|-------------------|--------------|------------|
| 802.11a | 52(5160MHz) | 1 GHz ~ 3 GHz | Fig.78 | P |
| | | 3 GHz ~ 6 GHz | Fig.79 | P |
| | | 6 GHz ~ 18 GHz | Fig.80 | P |
| | 56(5280MHz) | 30 MHz ~1 GHz | Fig.81 | P |
| | | 1 GHz ~ 3 GHz | Fig.82 | P |
| | | 3 GHz ~ 6 GHz | Fig.83 | P |
| | | 6 GHz ~ 18 GHz | Fig.84 | P |
| | | 18 GHz ~ 26.5 GHz | Fig.85 | P |
| | 64(5320MHz) | 26.5 GHz ~ 40 GHz | Fig.86 | P |
| | | 1 GHz ~ 3 GHz | Fig.87 | P |
| | | 3 GHz ~ 6 GHz | Fig.88 | P |
| | | 6 GHz ~ 18 GHz | Fig.89 | P |

802.11n-HT20 mode

| Mode | Channel | FrequencyRange | Test Results | Conclusion |
|------------------|-------------|-------------------|--------------|------------|
| 802.11n -HT20 | 52(5160MHz) | 1 GHz ~ 3 GHz | Fig.90 | P |
| | | 3 GHz ~ 6 GHz | Fig.91 | P |
| | | 6 GHz ~ 18 GHz | Fig.92 | P |
| | 56(5280MHz) | 30 MHz ~1 GHz | Fig.93 | P |
| | | 1 GHz ~ 3 GHz | Fig.94 | P |
| | | 3 GHz ~ 6 GHz | Fig.95 | P |
| | | 6 GHz ~ 18 GHz | Fig.96 | P |
| | | 18 GHz ~ 26.5 GHz | Fig.97 | P |
| | 64(5320MHz) | 26.5 GHz ~ 40 GHz | Fig.98 | P |
| | | 1 GHz ~ 3 GHz | Fig.99 | P |
| | | 3 GHz ~ 6 GHz | Fig.100 | P |
| | | 6 GHz ~ 18 GHz | Fig.101 | P |

802.11n-HT40 mode

| Mode | Channel | FrequencyRange | Test Results | Conclusion |
|-----------------|-------------|-------------------|--------------|------------|
| 802.11n HT40 | 54(5270MHz) | 30 MHz ~1 GHz | Fig.102 | P |
| | | 1 GHz ~ 3 GHz | Fig.103 | P |
| | | 3 GHz ~ 6 GHz | Fig.104 | P |
| | | 6 GHz ~ 18 GHz | Fig.105 | P |
| | | 18 GHz ~ 26.5 GHz | Fig.106 | P |
| | | 26.5 GHz ~ 40 GHz | Fig.107 | P |
| | 62(6310MHz) | 1 GHz ~ 3 GHz | Fig.108 | P |
| | | 3 GHz ~ 6 GHz | Fig.109 | P |
| | | 6 GHz ~ 18 GHz | Fig.110 | P |

802.11ac-HT20 mode

| Mode | Channel | FrequencyRange | Test Results | Conclusion |
|------------------|-------------|-------------------|----------------|------------|
| 802.11n -HT20 | 52(5160MHz) | 1 GHz ~ 3 GHz | Fig.111 | P |
| | | 3 GHz ~ 6 GHz | Fig.112 | P |
| | | 6 GHz ~ 18 GHz | Fig.113 | P |
| | 56(5280MHz) | 30 MHz ~1 GHz | Fig.114 | P |
| | | 1 GHz ~ 3 GHz | Fig.115 | P |
| | | 3 GHz ~ 6 GHz | Fig.116 | P |
| | | 6 GHz ~ 18 GHz | Fig.117 | P |
| | | 18 GHz ~ 26.5 GHz | Fig.118 | P |
| | 64(5320MHz) | 26.5 GHz ~ 40 GHz | Fig.119 | P |
| | | 1 GHz ~ 3 GHz | Fig.120 | P |
| | | 3 GHz ~ 6 GHz | Fig.121 | P |
| | | | 6 GHz ~ 18 GHz | Fig.122 |

802.11ac-HT40 mode

| Mode | Channel | FrequencyRange | Test Results | Conclusion |
|-----------------|-------------|-------------------|--------------|------------|
| 802.11n HT40 | 54(5270MHz) | 30 MHz ~1 GHz | Fig.123 | P |
| | | 1 GHz ~ 3 GHz | Fig.124 | P |
| | | 3 GHz ~ 6 GHz | Fig.125 | P |
| | | 6 GHz ~ 18 GHz | Fig.126 | P |
| | | 18 GHz ~ 26.5 GHz | Fig.127 | P |
| | | 26.5 GHz ~ 40 GHz | Fig.128 | P |
| | 62(6310MHz) | 1 GHz ~ 3 GHz | Fig.129 | P |
| | | 3 GHz ~ 6 GHz | Fig.130 | P |
| | | 6 GHz ~ 18 GHz | Fig.131 | P |

Conclusion: PASS

Note:

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.

P_{Mea} is the field strength recorded from the instrument.

The measurement results are obtained as described below:

$$\text{Result} = P_{Mea} + A_{Rpl} = P_{Mea} + \text{CableLoss} + \text{Antenna Factor}$$

5GHz U-NII 2A

802.11a

Channel 52

Average:

| Frequency(MHz) | Result (dBuV/m) | Cable Loss | Antenna Factor | P_{Mea} (dBuV/m) | Polarization |
|----------------|-----------------|------------|----------------|--------------------|--------------|
| 5225.700 | 38.8 | -18.4 | 34.4 | 22.83 | H |
| 5283.900 | 38.9 | -18.7 | 34.5 | 23.17 | H |
| 10520.000 | 39.5 | -17.8 | 38.1 | 19.11 | H |
| 15780.200 | 41.6 | -17.1 | 40.2 | 18.38 | H |
| 17286.100 | 46.0 | -13.9 | 41.2 | 18.68 | H |
| 17659.000 | 46.1 | -13.1 | 41.1 | 18.08 | H |

Peak:

| Frequency(MHz) | Result (dBuV/m) | Cable Loss | Antenna Factor | P_{Mea} (dBuV/m) | Polarization |
|----------------|-----------------|------------|----------------|--------------------|--------------|
| 5214.600 | 51.6 | -18.6 | 34.4 | 35.79 | H |
| 5498.250 | 52.0 | -16.9 | 34.8 | 34.08 | H |
| 17406.000 | 59.7 | -14.6 | 41.2 | 33.11 | H |
| 17908.200 | 59.3 | -13.6 | 40.9 | 31.95 | H |
| 17632.200 | 59.1 | -13.0 | 41.1 | 31.01 | V |
| 17514.600 | 59.0 | -14.3 | 41.2 | 32.15 | H |

Channel 56

Average:

| Frequency(MHz) | Result (dBuV/m) | Cable Loss | Antenna Factor | P_{Mea} (dBuV/m) | Polarization |
|----------------|-----------------|------------|----------------|--------------------|--------------|
| 5247.900 | 40.3 | -18.4 | 34.4 | 24.28 | H |
| 5306.100 | 39.7 | -19.0 | 34.5 | 24.20 | H |
| 10561.800 | 39.9 | -17.5 | 38.1 | 19.33 | H |
| 15837.400 | 41.8 | -17.1 | 40.3 | 18.59 | H |
| 17287.200 | 46.1 | -13.9 | 41.2 | 18.80 | H |
| 17615.000 | 46.1 | -13.2 | 41.1 | 18.15 | H |



Peak:

| Frequency(MHz) | Result (dBuV/m) | Cable Loss | Antenna Factor | P _{Mea} (dBuV/m) | Polarization |
|----------------|-----------------|------------|----------------|---------------------------|--------------|
| 5237.400 | 52.6 | -18.3 | 34.4 | 36.47 | H |
| 5324.400 | 52.4 | -19.3 | 34.5 | 37.16 | H |
| 17725.200 | 59.8 | -13.2 | 41.0 | 32.06 | V |
| 17706.600 | 59.6 | -13.2 | 41.0 | 31.79 | V |
| 17655.600 | 59.5 | -13.1 | 41.1 | 31.48 | H |
| 17255.400 | 59.5 | -14.1 | 41.2 | 32.38 | V |

Channel 64

Average:

| Frequency(MHz) | Result (dBuV/m) | Cable Loss | Antenna Factor | P _{Mea} (dBuV/m) | Polarization |
|----------------|-----------------|------------|----------------|---------------------------|--------------|
| 5350.000 | 38.9 | -19.4 | 34.6 | 23.78 | H |
| 5352.700 | 38.9 | -19.4 | 34.6 | 23.77 | H |
| 10641.000 | 40.5 | -16.6 | 38.2 | 18.95 | H |
| 15960.600 | 41.3 | -17.5 | 40.5 | 18.40 | H |
| 17276.200 | 45.8 | -14.0 | 41.2 | 18.58 | H |
| 17616.100 | 46.0 | -13.2 | 41.1 | 18.04 | H |

Peak:

| Frequency(MHz) | Result (dBuV/m) | Cable Loss | Antenna Factor | P _{Mea} (dBuV/m) | Polarization |
|----------------|-----------------|------------|----------------|---------------------------|--------------|
| 5350.090 | 52.3 | -19.4 | 34.6 | 37.19 | H |
| 5351.700 | 52.5 | -19.4 | 34.6 | 37.39 | H |
| 17965.200 | 59.4 | -13.6 | 40.8 | 32.16 | H |
| 17584.800 | 59.3 | -13.5 | 41.1 | 31.72 | V |
| 17283.600 | 59.2 | -13.9 | 41.2 | 31.93 | H |
| 17741.400 | 59.1 | -13.3 | 41.0 | 31.35 | H |



802.11n-HT20

Channel 52

Average:

| Frequency(MHz) | Result (dBuV/m) | Cable Loss | Antenna Factor | P _{Mea} (dBuV/m) | Polarization |
|----------------|-----------------|------------|----------------|---------------------------|--------------|
| 5233.800 | 39.6 | -18.3 | 34.4 | 23.52 | H |
| 5280.000 | 40.6 | -18.6 | 34.4 | 24.76 | H |
| 10520.000 | 39.4 | -17.8 | 38.1 | 19.09 | H |
| 15780.200 | 41.5 | -17.1 | 40.2 | 18.35 | H |
| 17287.200 | 45.9 | -13.9 | 41.2 | 18.67 | H |
| 17624.900 | 46.1 | -13.1 | 41.1 | 18.07 | H |

Peak:

| Frequency(MHz) | Result (dBuV/m) | Cable Loss | Antenna Factor | P _{Mea} (dBuV/m) | Polarization |
|----------------|-----------------|------------|----------------|---------------------------|--------------|
| 5218.500 | 51.4 | -18.5 | 34.4 | 35.47 | H |
| 5290.050 | 51.3 | -18.7 | 34.5 | 35.59 | H |
| 17245.800 | 59.4 | -14.2 | 41.2 | 32.36 | V |
| 17872.800 | 59.4 | -13.5 | 40.9 | 31.98 | H |
| 17948.400 | 59.3 | -13.6 | 40.8 | 32.04 | H |
| 17639.400 | 58.9 | -13.0 | 41.1 | 30.87 | V |

Channel 56

Average:

| Frequency(MHz) | Result (dBuV/m) | Cable Loss | Antenna Factor | P _{Mea} (dBuV/m) | Polarization |
|----------------|-----------------|------------|----------------|---------------------------|--------------|
| 5247.000 | 38.9 | -18.4 | 34.4 | 22.90 | H |
| 5302.500 | 38.5 | -18.9 | 34.5 | 22.91 | H |
| 10560.700 | 39.7 | -17.5 | 38.1 | 19.11 | H |
| 15840.700 | 41.7 | -17.1 | 40.3 | 18.47 | H |
| 17270.700 | 45.9 | -14.0 | 41.2 | 18.70 | H |
| 17667.800 | 45.9 | -13.1 | 41.1 | 17.97 | H |

Peak:

| Frequency(MHz) | Result (dBuV/m) | Cable Loss | Antenna Factor | P _{Mea} (dBuV/m) | Polarization |
|----------------|-----------------|------------|----------------|---------------------------|--------------|
| 5191.050 | 51.3 | -18.9 | 34.4 | 35.72 | H |
| 5523.900 | 51.4 | -17.3 | 34.8 | 33.94 | H |
| 17949.000 | 59.5 | -13.6 | 40.8 | 32.27 | H |
| 17619.000 | 59.4 | -13.2 | 41.1 | 31.44 | H |
| 17313.000 | 59.2 | -14.1 | 41.2 | 32.07 | H |
| 17311.200 | 59.1 | -14.1 | 41.2 | 32.00 | H |



Channel 64

Average:

| Frequency(MHz) | Result (dBuV/m) | Cable Loss | Antenna Factor | P _{Mea} (dBuV/m) | Polarization |
|----------------|-----------------|------------|----------------|---------------------------|--------------|
| 5350.000 | 37.5 | -19.4 | 34.6 | 22.43 | H |
| 5354.880 | 37.5 | -19.4 | 34.6 | 22.27 | H |
| 10641.000 | 40.6 | -16.6 | 38.2 | 19.04 | H |
| 15960.600 | 41.3 | -17.5 | 40.5 | 18.36 | H |
| 17285.000 | 45.9 | -13.9 | 41.2 | 18.59 | H |
| 17678.800 | 45.9 | -13.1 | 41.1 | 18.01 | H |

Peak:

| Frequency(MHz) | Result (dBuV/m) | Cable Loss | Antenna Factor | P _{Mea} (dBuV/m) | Polarization |
|----------------|-----------------|------------|----------------|---------------------------|--------------|
| 5350.360 | 52.6 | -19.4 | 34.6 | 37.52 | H |
| 5371.250 | 52.5 | -19.1 | 34.6 | 36.98 | H |
| 17270.400 | 59.4 | -14.0 | 41.2 | 32.20 | H |
| 17640.600 | 59.3 | -13.0 | 41.1 | 31.24 | V |
| 17279.400 | 59.0 | -14.0 | 41.2 | 31.75 | H |
| 17659.200 | 59.0 | -13.1 | 41.1 | 30.97 | V |

802.11n-HT40

Channel 54

Average:

| Frequency(MHz) | Result (dBuV/m) | Cable Loss | Antenna Factor | P _{Mea} (dBuV/m) | Polarization |
|----------------|-----------------|------------|----------------|---------------------------|--------------|
| 5230.000 | 40.1 | -18.4 | 34.4 | 24.01 | H |
| 5310.000 | 38.6 | -19.1 | 34.5 | 23.13 | H |
| 10542.000 | 39.7 | -17.6 | 38.1 | 19.18 | H |
| 15811.000 | 41.9 | -17.0 | 40.3 | 18.56 | H |
| 17285.000 | 46.0 | -13.9 | 41.2 | 18.70 | H |
| 17657.900 | 46.1 | -13.1 | 41.1 | 18.09 | H |

Peak:

| Frequency(MHz) | Result (dBuV/m) | Cable Loss | Antenna Factor | P _{Mea} (dBuV/m) | Polarization |
|----------------|-----------------|------------|----------------|---------------------------|--------------|
| 5200.005 | 56.2 | -18.7 | 34.4 | 40.55 | H |
| 5331.750 | 56.3 | -19.4 | 34.5 | 41.13 | H |
| 17668.200 | 59.5 | -13.1 | 41.1 | 31.54 | V |
| 17274.000 | 59.4 | -14.0 | 41.2 | 32.16 | V |
| 17631.600 | 59.2 | -13.0 | 41.1 | 31.12 | V |
| 17968.200 | 59.2 | -13.6 | 40.8 | 31.98 | H |



Channel 62

Average:

| Frequency(MHz) | Result (dBuV/m) | Cable Loss | Antenna Factor | P _{Mea} (dBuV/m) | Polarization |
|----------------|-----------------|------------|----------------|---------------------------|--------------|
| 5350.000 | 39.0 | -19.4 | 34.6 | 23.86 | H |
| 5352.000 | 38.7 | -19.4 | 34.6 | 23.58 | H |
| 10620.100 | 40.1 | -17.1 | 38.1 | 19.13 | H |
| 15930.900 | 41.2 | -17.4 | 40.4 | 18.18 | H |
| 17271.800 | 45.8 | -14.0 | 41.2 | 18.65 | H |
| 17623.800 | 46.0 | -13.1 | 41.1 | 18.04 | H |

Peak:

| Frequency(MHz) | Result (dBuV/m) | Cable Loss | Antenna Factor | P _{Mea} (dBuV/m) | Polarization |
|----------------|-----------------|------------|----------------|---------------------------|--------------|
| 5350.040 | 61.1 | -19.4 | 34.6 | 45.97 | H |
| 5351.060 | 61.4 | -19.4 | 34.6 | 46.25 | H |
| 17640.600 | 59.1 | -13.0 | 41.1 | 31.05 | V |
| 17683.200 | 59.1 | -13.1 | 41.1 | 31.15 | H |
| 17658.000 | 59.0 | -13.1 | 41.1 | 31.01 | V |
| 17568.600 | 59.0 | -13.7 | 41.1 | 31.55 | V |

802.11ac-HT20

Channel 52

Average:

| Frequency(MHz) | Result (dBuV/m) | Cable Loss | Antenna Factor | P _{Mea} (dBuV/m) | Polarization |
|----------------|-----------------|------------|----------------|---------------------------|--------------|
| 5239.200 | 39.3 | -18.3 | 34.4 | 23.22 | H |
| 5280.000 | 39.6 | -18.6 | 34.4 | 23.79 | H |
| 10520.000 | 39.4 | -17.8 | 38.1 | 19.00 | H |
| 15780.200 | 41.6 | -17.1 | 40.2 | 18.42 | H |
| 17279.500 | 46.0 | -14.0 | 41.2 | 18.72 | H |
| 17618.300 | 46.1 | -13.2 | 41.1 | 18.11 | H |

Peak:

| Frequency(MHz) | Result (dBuV/m) | Cable Loss | Antenna Factor | P _{Mea} (dBuV/m) | Polarization |
|----------------|-----------------|------------|----------------|---------------------------|--------------|
| 5222.400 | 51.6 | -18.5 | 34.4 | 35.68 | H |
| 5447.100 | 51.4 | -17.0 | 34.7 | 33.67 | H |
| 17556.000 | 59.4 | -13.8 | 41.2 | 32.07 | V |
| 17673.000 | 59.4 | -13.1 | 41.1 | 31.40 | V |
| 17708.400 | 59.3 | -13.2 | 41.0 | 31.48 | H |
| 17494.200 | 59.2 | -14.5 | 41.2 | 32.55 | V |



Channel 56

Average:

| Frequency(MHz) | Result (dBuV/m) | Cable Loss | Antenna Factor | P _{Mea} (dBuV/m) | Polarization |
|----------------|-----------------|------------|----------------|---------------------------|--------------|
| 5247.000 | 38.9 | -18.4 | 34.4 | 22.84 | H |
| 5302.800 | 38.3 | -18.9 | 34.5 | 22.74 | H |
| 10560.700 | 39.8 | -17.5 | 38.1 | 19.19 | H |
| 15840.700 | 41.7 | -17.1 | 40.3 | 18.49 | H |
| 17286.100 | 46.1 | -13.9 | 41.2 | 18.80 | H |
| 17635.900 | 46.1 | -13.0 | 41.1 | 18.04 | H |

Peak:

| Frequency(MHz) | Result (dBuV/m) | Cable Loss | Antenna Factor | P _{Mea} (dBuV/m) | Polarization |
|----------------|-----------------|------------|----------------|---------------------------|--------------|
| 5248.500 | 51.8 | -18.4 | 34.4 | 35.77 | H |
| 5436.000 | 50.8 | -17.4 | 34.7 | 33.47 | H |
| 17700.600 | 59.8 | -13.2 | 41.0 | 31.94 | V |
| 16787.400 | 59.7 | -15.6 | 41.5 | 33.79 | H |
| 17574.600 | 59.5 | -13.6 | 41.1 | 32.04 | V |
| 17923.800 | 59.2 | -13.6 | 40.9 | 31.95 | V |

Channel 64

Average:

| Frequency(MHz) | Result (dBuV/m) | Cable Loss | Antenna Factor | P _{Mea} (dBuV/m) | Polarization |
|----------------|-----------------|------------|----------------|---------------------------|--------------|
| 5350.000 | 37.5 | -19.4 | 34.6 | 22.43 | H |
| 5354.880 | 37.5 | -19.4 | 34.6 | 22.27 | H |
| 10641.000 | 40.6 | -16.6 | 38.2 | 19.04 | H |
| 15960.600 | 41.3 | -17.5 | 40.5 | 18.36 | H |
| 17285.000 | 45.9 | -13.9 | 41.2 | 18.59 | H |
| 17678.800 | 45.9 | -13.1 | 41.1 | 18.01 | H |

Peak:

| Frequency(MHz) | Result (dBuV/m) | Cable Loss | Antenna Factor | P _{Mea} (dBuV/m) | Polarization |
|----------------|-----------------|------------|----------------|---------------------------|--------------|
| 5350.036 | 52.6 | -19.4 | 34.6 | 37.53 | H |
| 5371.250 | 52.5 | -19.1 | 34.6 | 36.98 | H |
| 17660.400 | 60.3 | -13.1 | 41.1 | 32.35 | H |
| 17655.000 | 59.4 | -13.1 | 41.1 | 31.36 | V |
| 17624.400 | 59.3 | -13.1 | 41.1 | 31.31 | V |
| 17727.000 | 59.2 | -13.2 | 41.0 | 31.42 | H |



802.11ac-HT40

Channel 54

Average:

| Frequency(MHz) | Result (dBuV/m) | Cable Loss | Antenna Factor | P _{Mea} (dBuV/m) | Polarization |
|----------------|-----------------|------------|----------------|---------------------------|--------------|
| 5218.500 | 38.9 | -18.5 | 34.4 | 23.02 | H |
| 5312.210 | 38.4 | -19.1 | 34.5 | 23.01 | H |
| 10540.900 | 39.6 | -17.6 | 38.1 | 19.16 | H |
| 15811.000 | 41.7 | -17.0 | 40.3 | 18.42 | H |
| 17268.500 | 45.8 | -14.0 | 41.2 | 18.67 | H |
| 17663.400 | 46.1 | -13.1 | 41.1 | 18.07 | H |

Peak:

| Frequency(MHz) | Result (dBuV/m) | Cable Loss | Antenna Factor | P _{Mea} (dBuV/m) | Polarization |
|----------------|-----------------|------------|----------------|---------------------------|--------------|
| 5217.450 | 55.8 | -18.5 | 34.4 | 39.89 | H |
| 5322.300 | 57.4 | -19.2 | 34.5 | 42.11 | H |
| 17491.200 | 59.8 | -14.6 | 41.2 | 33.15 | V |
| 17306.400 | 59.6 | -14.0 | 41.2 | 32.41 | H |
| 17616.600 | 59.3 | -13.2 | 41.1 | 31.39 | V |
| 17330.400 | 59.3 | -14.2 | 41.2 | 32.29 | V |

Channel 62

Average:

| Frequency(MHz) | Result (dBuV/m) | Cable Loss | Antenna Factor | P _{Mea} (dBuV/m) | Polarization |
|----------------|-----------------|------------|----------------|---------------------------|--------------|
| 5350.000 | 37.8 | -19.4 | 34.6 | 22.67 | H |
| 5353.200 | 37.6 | -19.4 | 34.6 | 22.44 | H |
| 10620.100 | 40.1 | -17.1 | 38.1 | 19.14 | H |
| 15930.900 | 41.2 | -17.4 | 40.4 | 18.16 | H |
| 17170.600 | 45.0 | -14.7 | 41.3 | 18.47 | H |
| 17695.300 | 45.8 | -13.2 | 41.0 | 17.91 | H |

Peak:

| Frequency(MHz) | Result (dBuV/m) | Cable Loss | Antenna Factor | P _{Mea} (dBuV/m) | Polarization |
|----------------|-----------------|------------|----------------|---------------------------|--------------|
| 5351.060 | 61.4 | -19.4 | 34.6 | 46.25 | H |
| 5350.040 | 61.1 | -19.4 | 34.6 | 45.97 | H |
| 17626.200 | 59.6 | -13.1 | 41.1 | 31.63 | H |
| 17503.200 | 59.0 | -14.4 | 41.2 | 32.27 | H |
| 17476.200 | 59.0 | -14.7 | 41.2 | 32.48 | H |
| 17767.800 | 58.9 | -13.4 | 41.0 | 31.27 | H |

Test graphs as below:

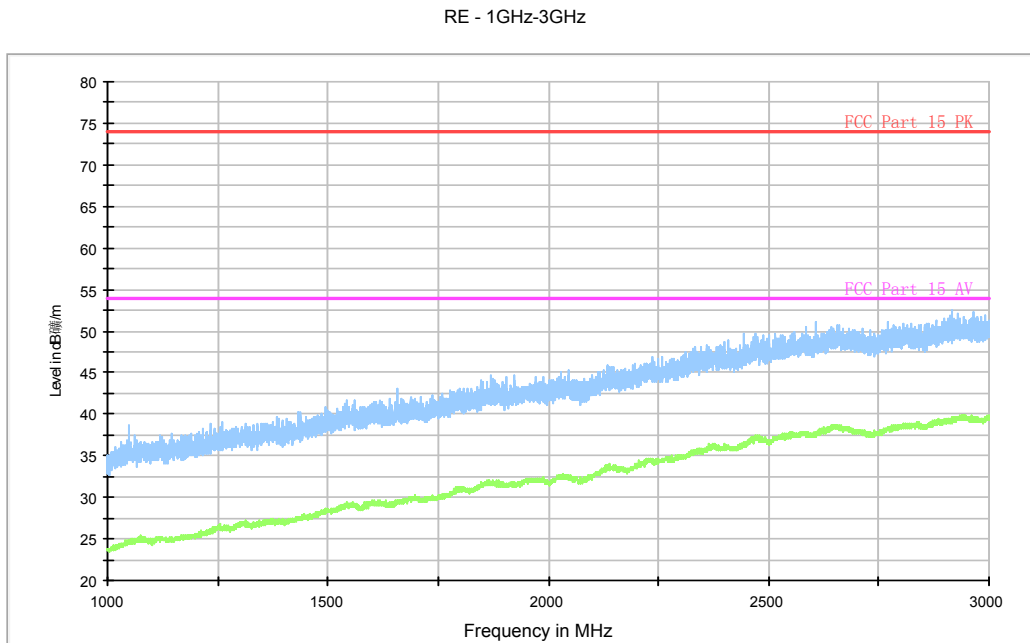


Fig. 78 Radiated Spurious Emission (802.11a, ch52, 1 GHz-3 GHz)

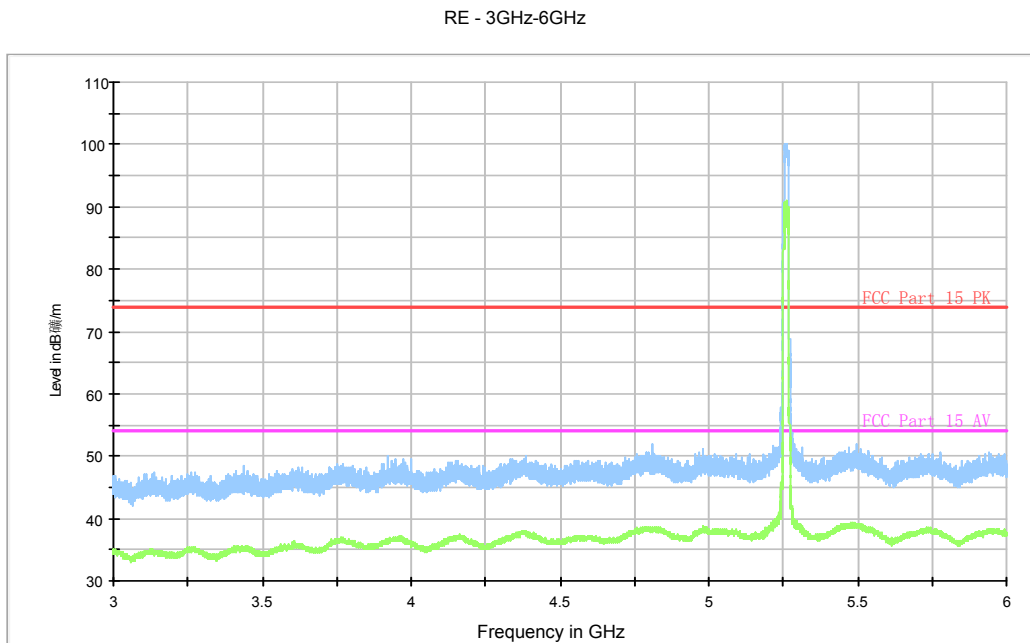


Fig. 79 Radiated Spurious Emission (802.11a, ch52, 3 GHz-6 GHz)

RE - 6GHz-18GHz

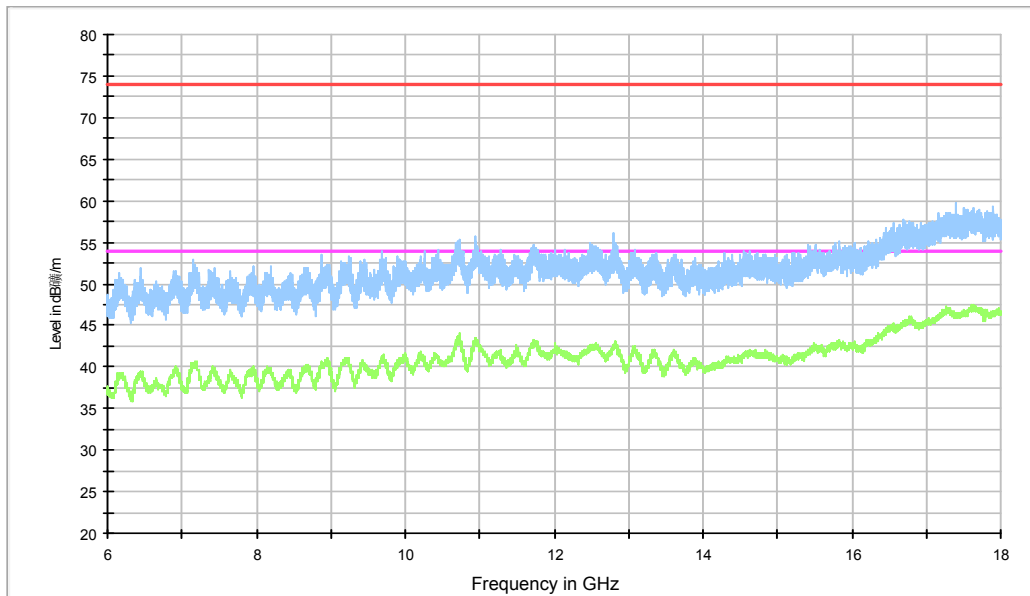


Fig. 80 Radiated Spurious Emission (802.11a, ch52, 6 GHz-18 GHz)

RE 30MHz-1GHz

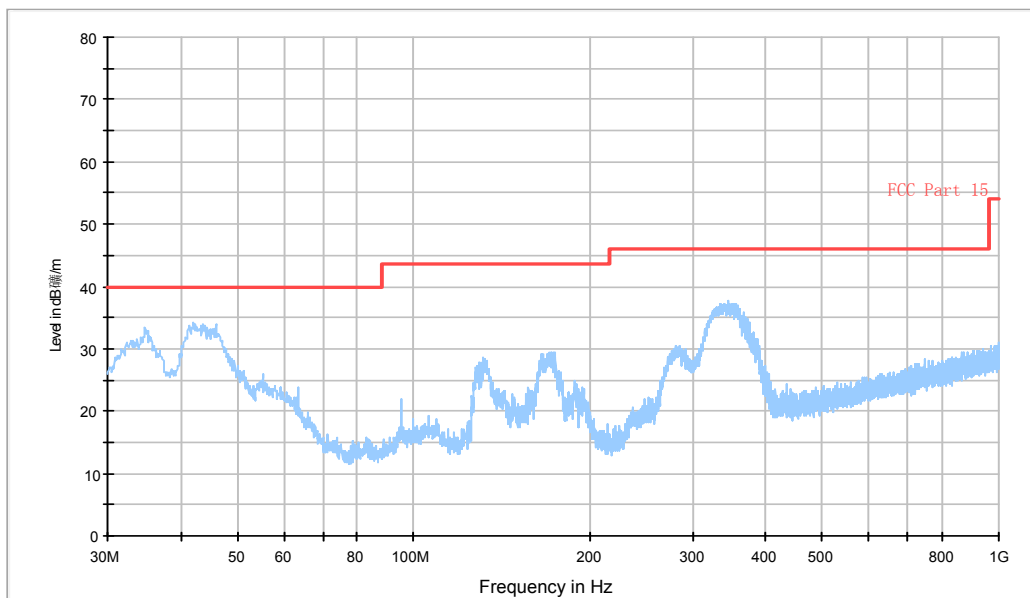


Fig. 81 Radiated Spurious Emission (802.11a, ch56, 30 MHz-1 GHz)

RE - 1GHz-3GHz

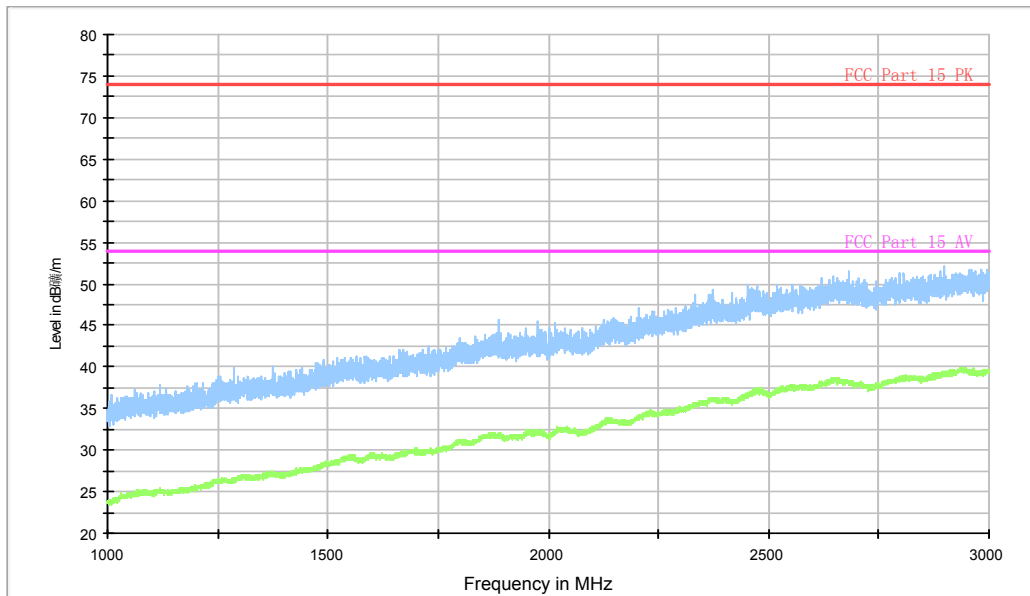


Fig. 82 Radiated Spurious Emission (802.11a, ch56, 1 GHz-3 GHz)

RE - 3GHz-6GHz

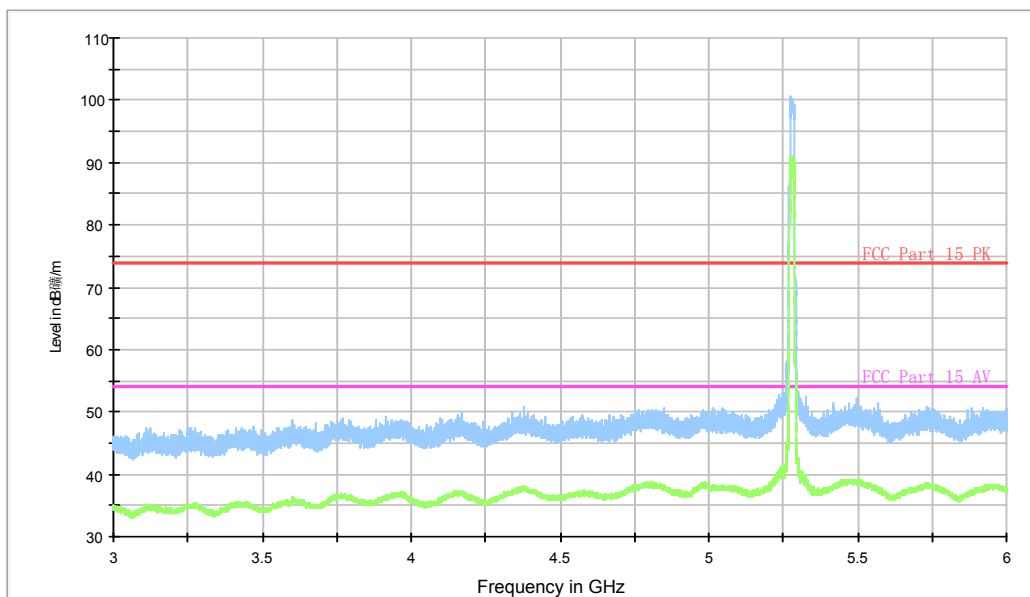


Fig. 83 Radiated Spurious Emission (802.11a, ch56, 3 GHz-6 GHz)

RE - 6GHz-18GHz

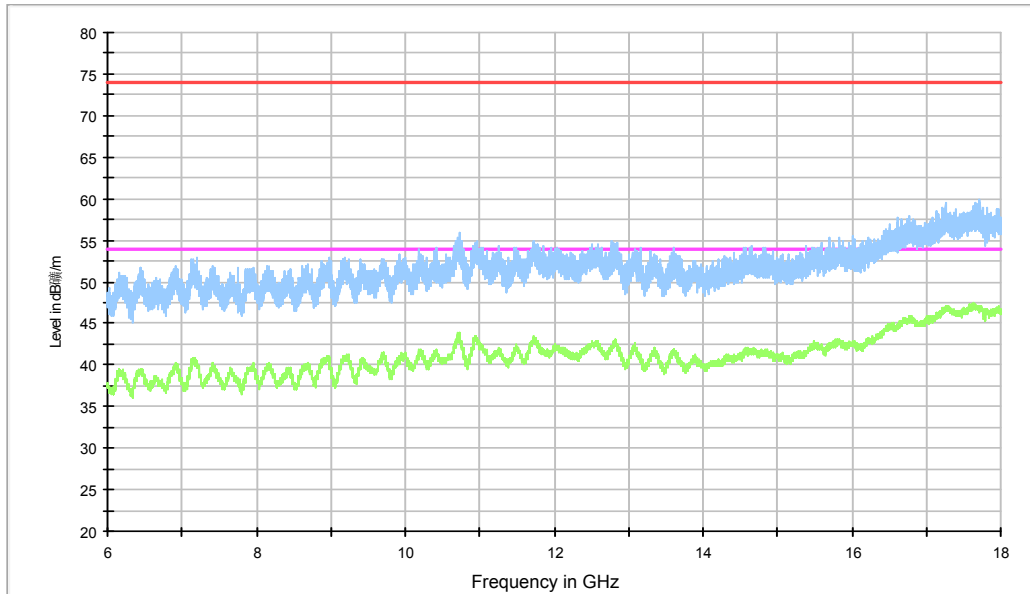


Fig. 84 Radiated Spurious Emission (802.11a, ch56, 6 GHz-18 GHz)

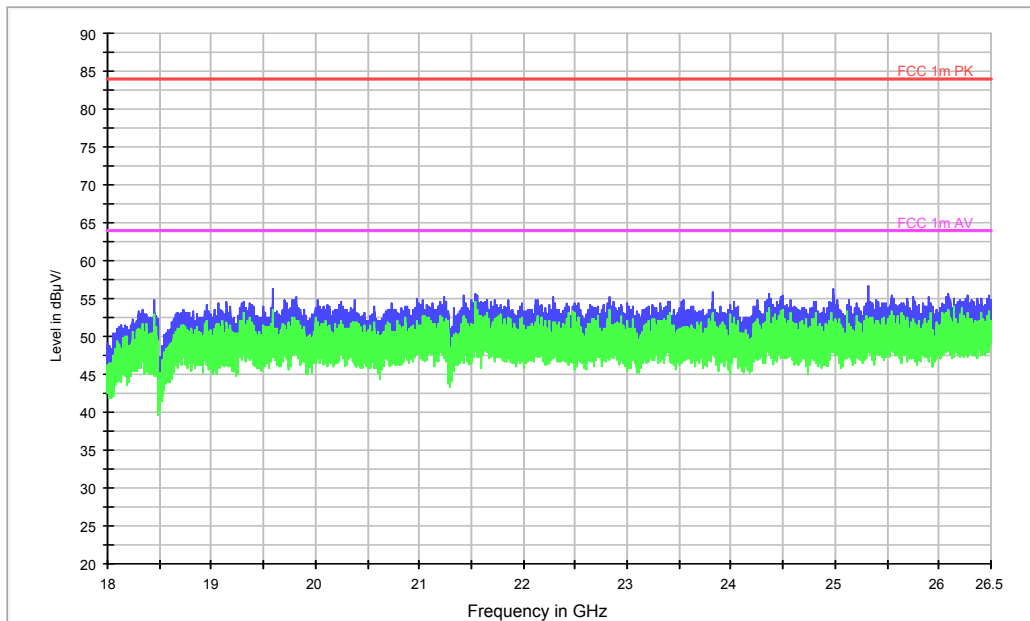


Fig. 85 Radiated Spurious Emission (802.11a, ch56, 18 GHz-26.5 GHz)

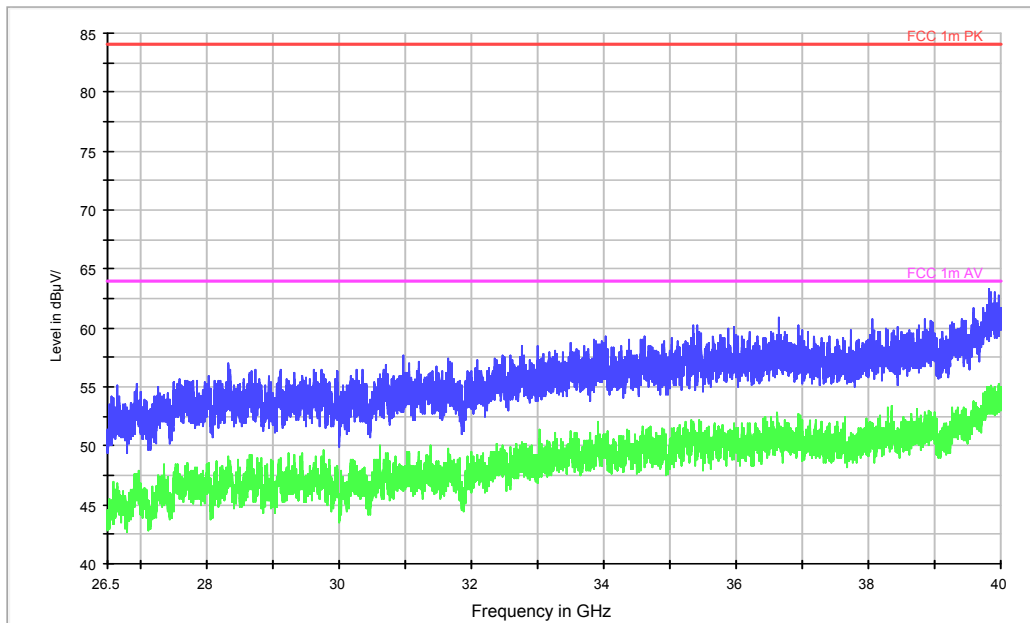


Fig. 86 Radiated Spurious Emission (802.11a, ch56, 26.5 GHz-40 GHz)

RE - 1GHz-3GHz

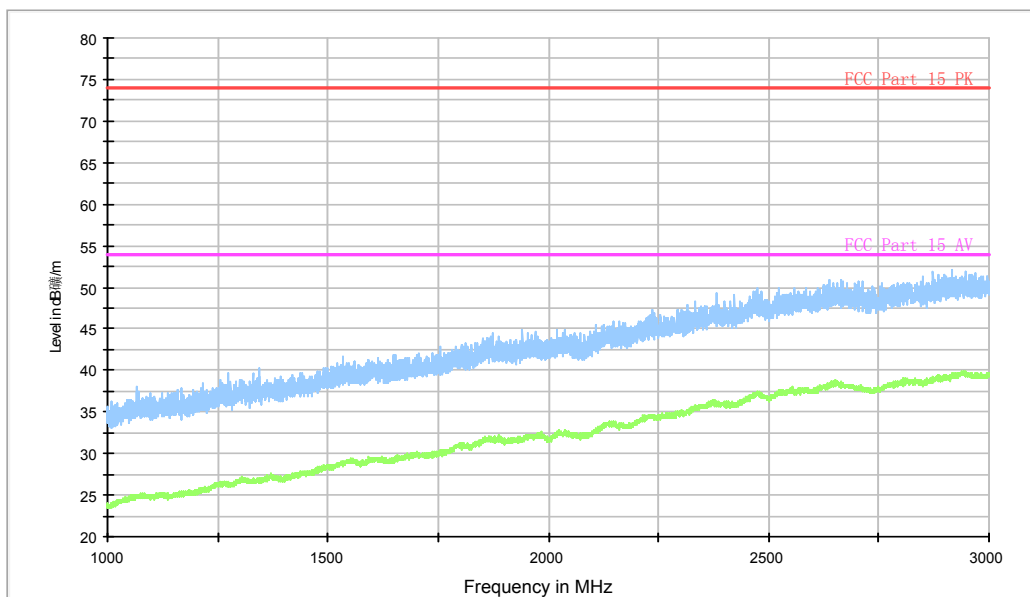


Fig. 87 Radiated Spurious Emission (802.11a, ch64, 1 GHz-3 GHz)

RE - 3GHz-6GHz

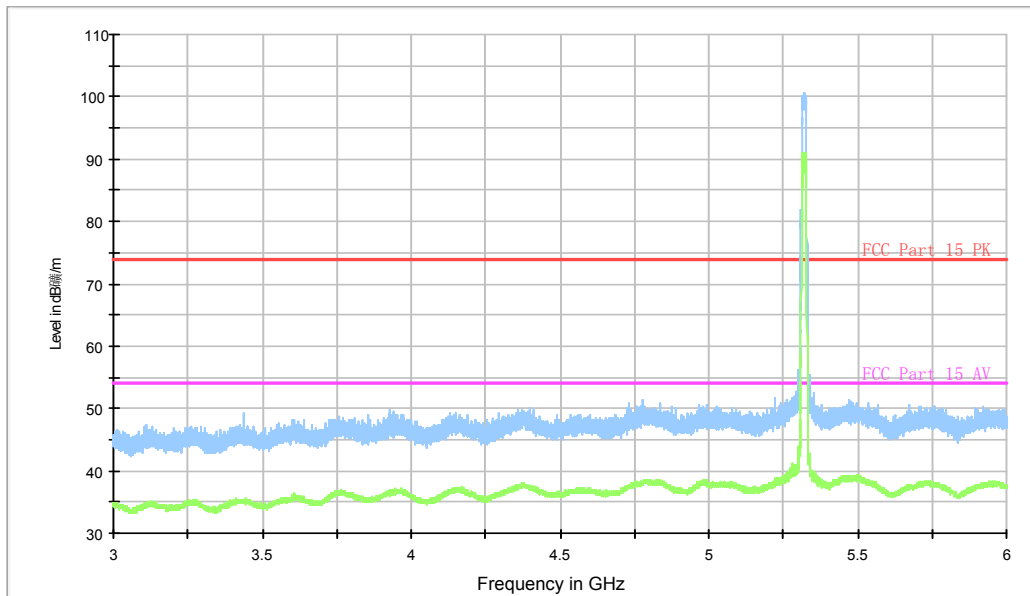


Fig. 88 Radiated Spurious Emission (802.11a, ch64, 3 GHz-6 GHz)

RE - 6GHz-18GHz

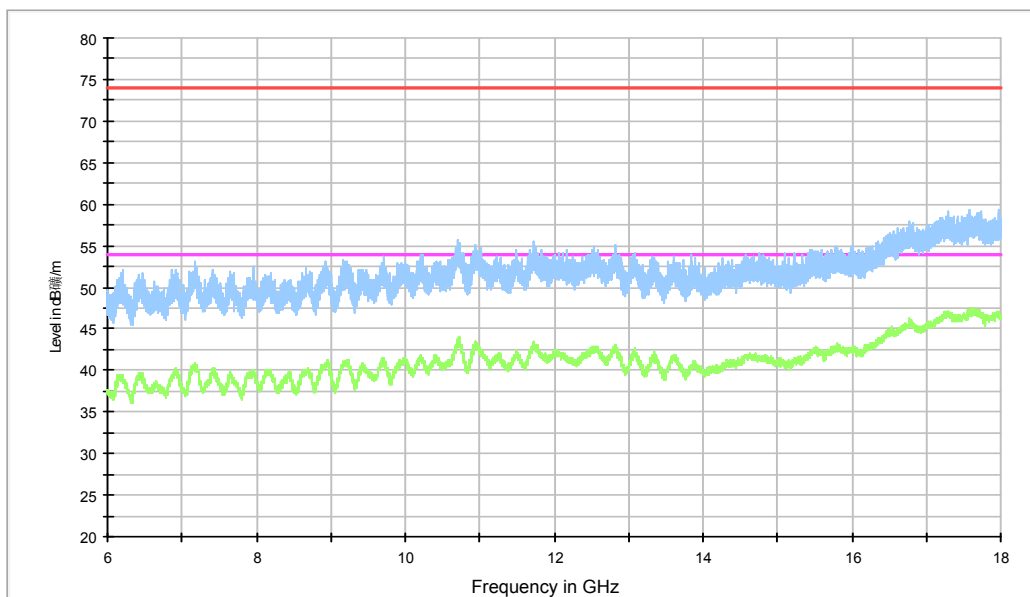


Fig. 89 Radiated Spurious Emission (802.11a, ch64, 6 GHz-18GHz)

RE - 1GHz-3GHz

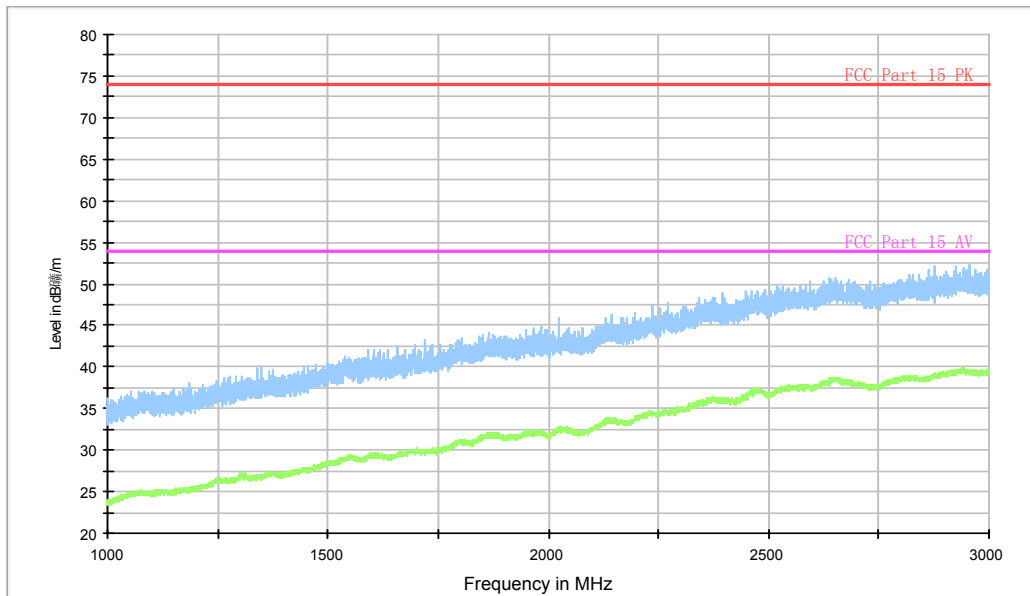


Fig. 90 Radiated Spurious Emission (802.11n-HT20, ch52, 1 GHz-3 GHz)

RE - 3GHz-6GHz

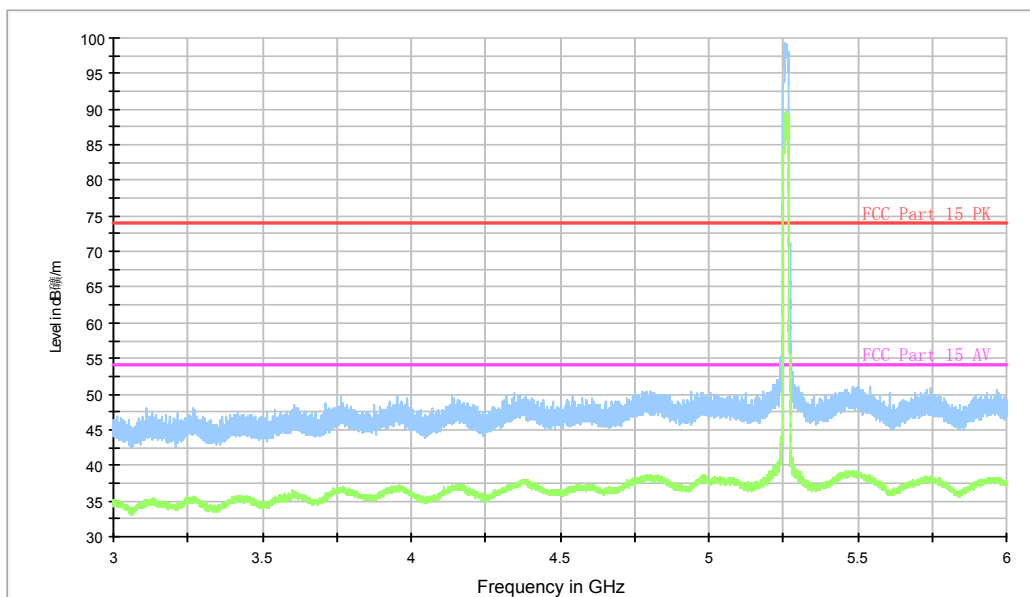


Fig. 91 Radiated Spurious Emission (802.11n-HT20, ch52, 3 GHz-6 GHz)

RE - 6GHz-18GHz

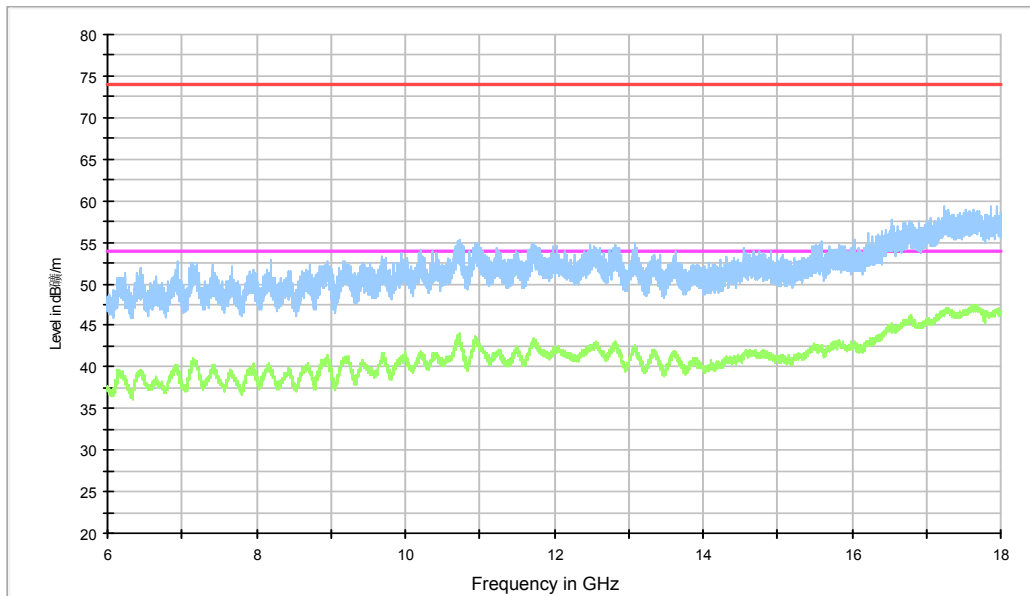


Fig. 92 Radiated Spurious Emission (802.11n-HT20, ch52, 6 GHz-18GHz)

RE 30MHz-1GHz

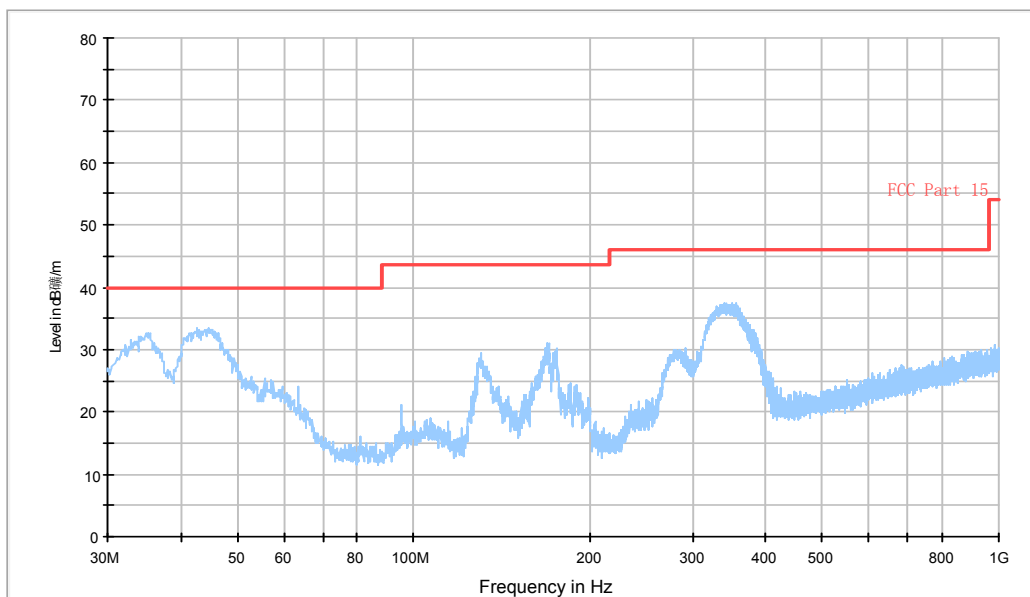


Fig. 93 Radiated Spurious Emission (802.11n-HT20, ch56, 30 MHz-1 GHz)

RE - 1GHz-3GHz

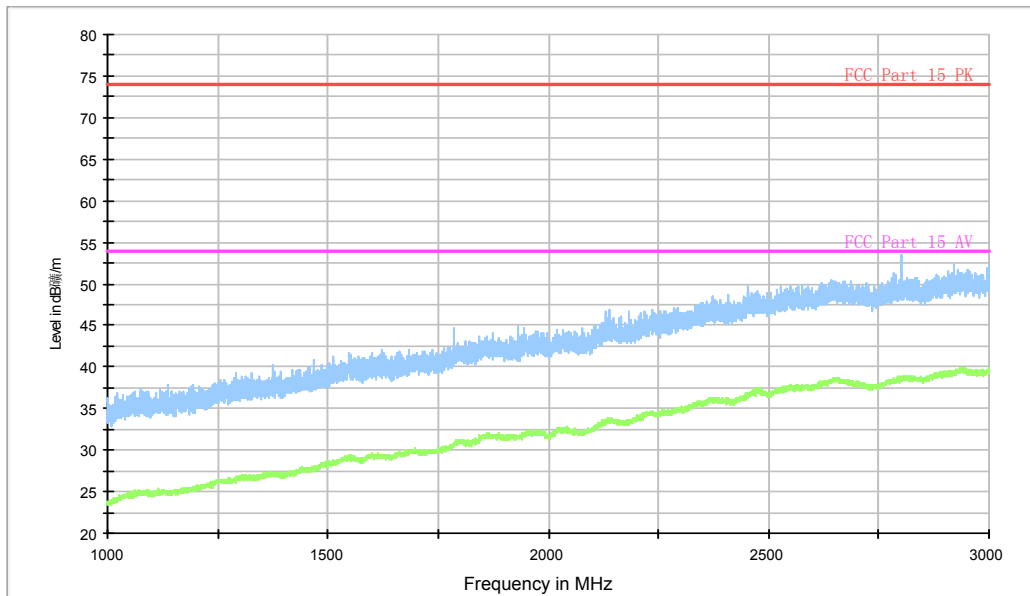


Fig. 94 Radiated Spurious Emission (802.11n-HT20, ch56, 1 GHz-3 GHz)

RE - 3GHz-6GHz

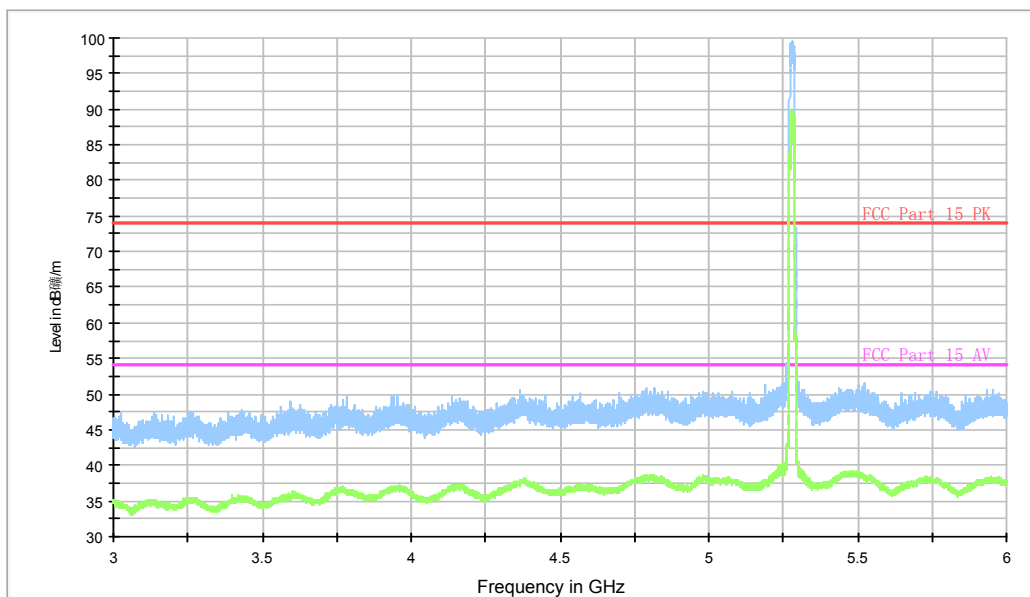


Fig. 95 Radiated Spurious Emission (802.11n-HT20, ch56, 3 GHz-6 GHz)

RE - 6GHz-18GHz

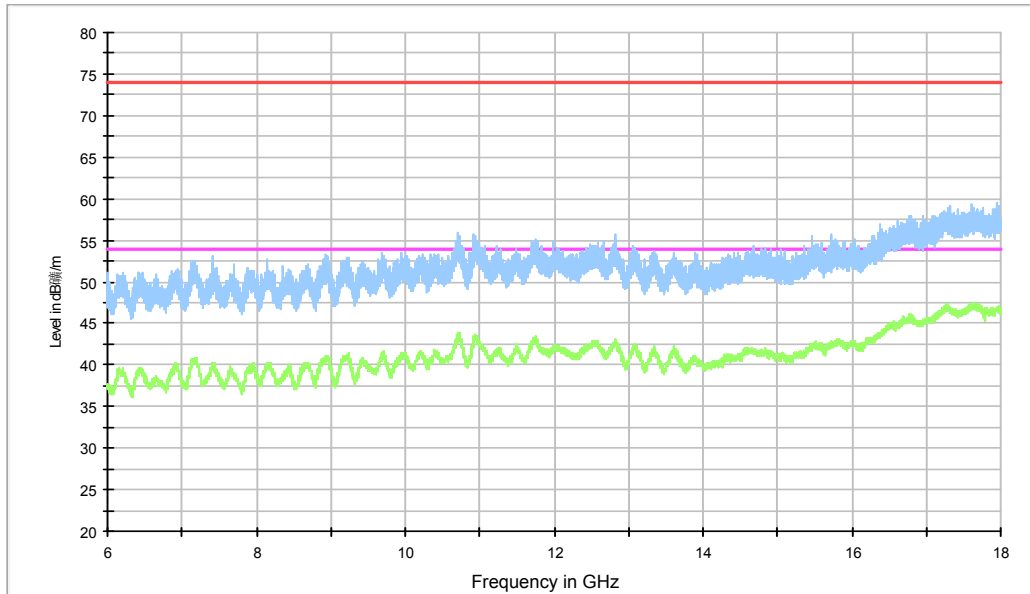


Fig. 96 Radiated Spurious Emission (802.11n-HT20, ch56, 6 GHz-18 GHz)

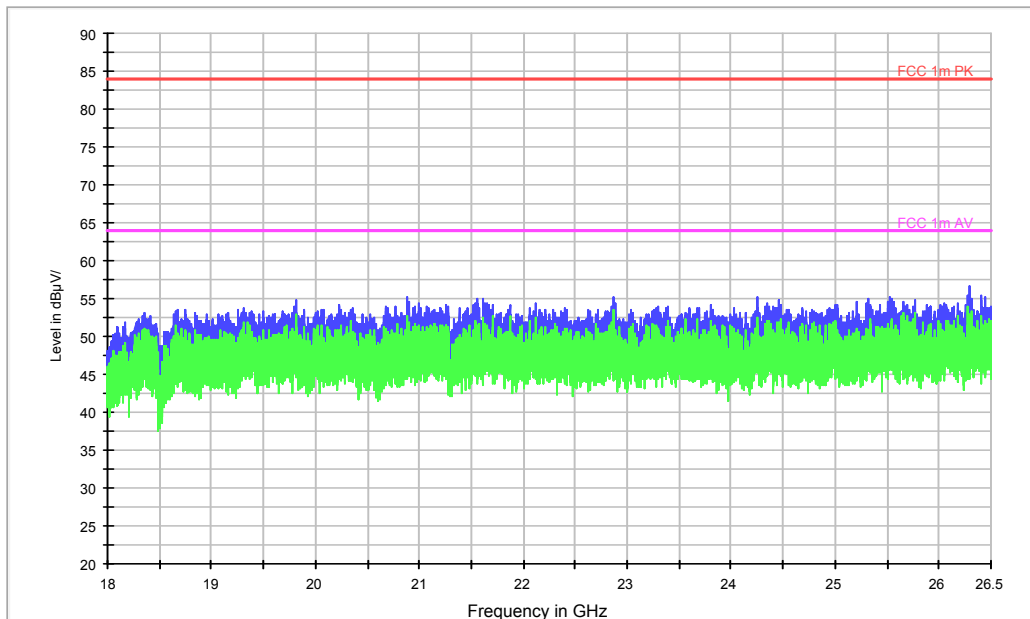


Fig. 97 Radiated Spurious Emission (802.11n-HT20, ch56, 18 GHz-26.5 GHz)

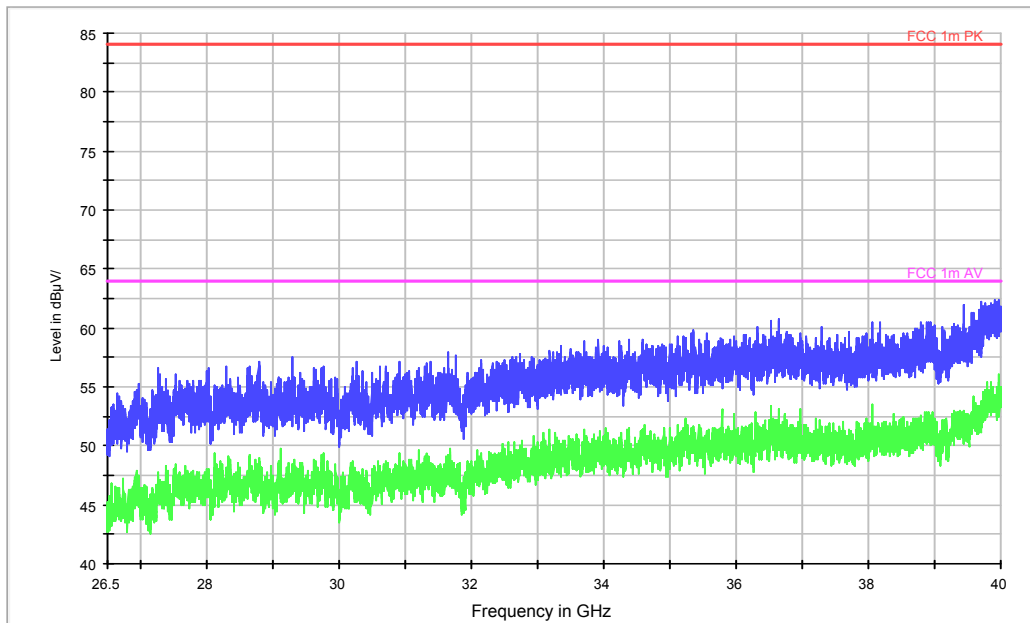


Fig. 98 Radiated Spurious Emission (802.11n-HT20, ch56, 26.5 GHz-40 GHz)

RE - 1GHz-3GHz

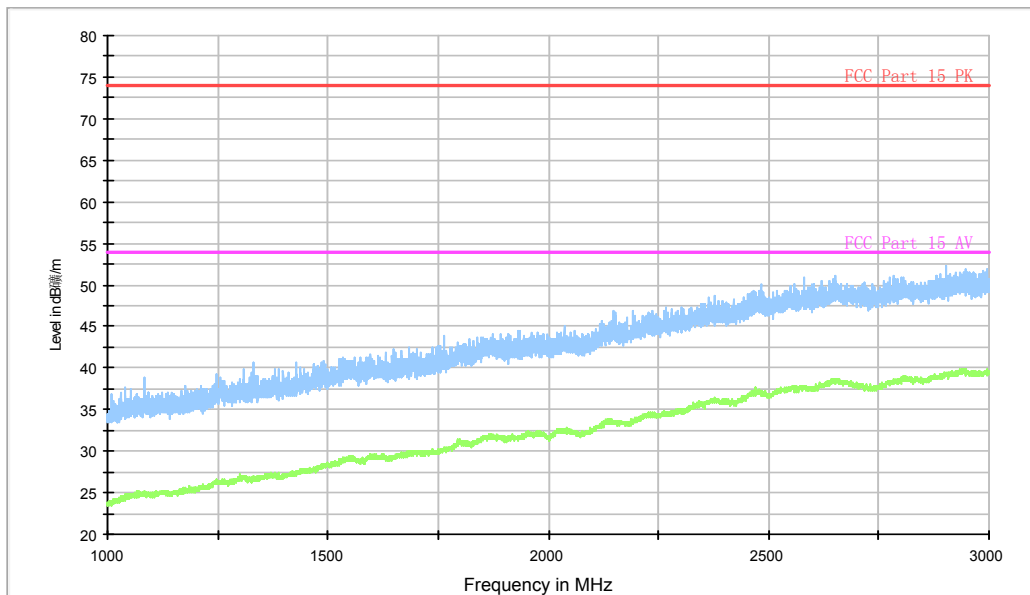


Fig. 99 Radiated Spurious Emission (802.11n-HT20, ch64, 1 GHz-3GHz)

RE - 3GHz-6GHz

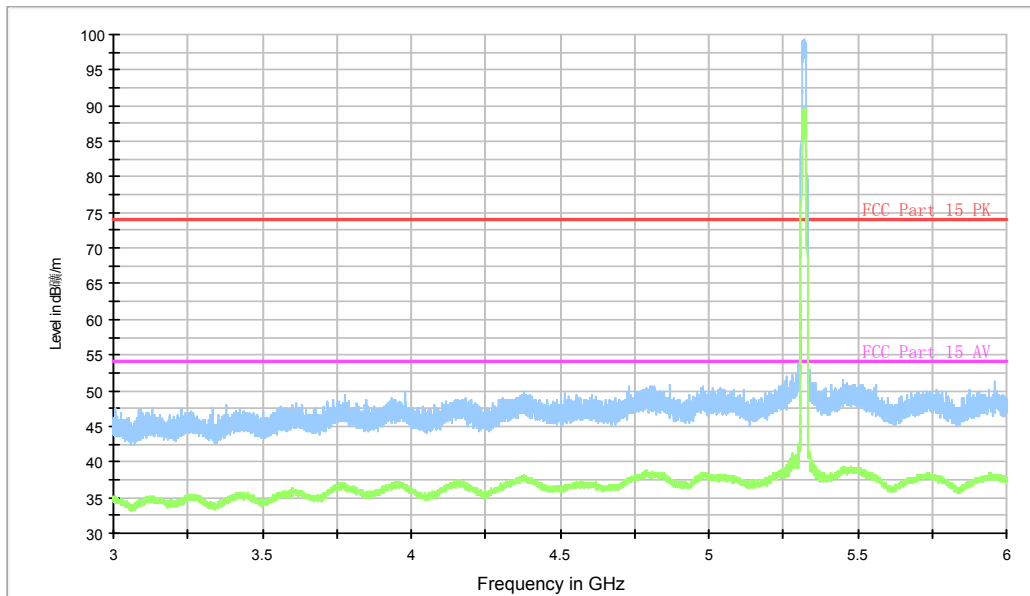


Fig. 100 Radiated Spurious Emission (802.11n-HT20, ch64, 3 GHz-6GHz)

RE - 6GHz-18GHz

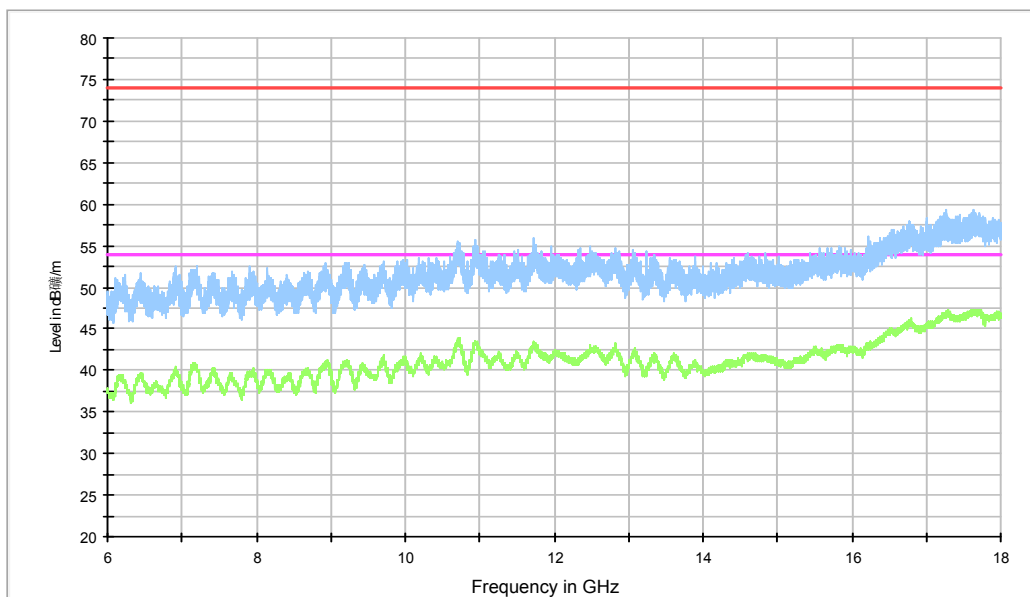


Fig. 101 Radiated Spurious Emission (802.11n-HT20, ch64, 6 GHz-18 GHz)

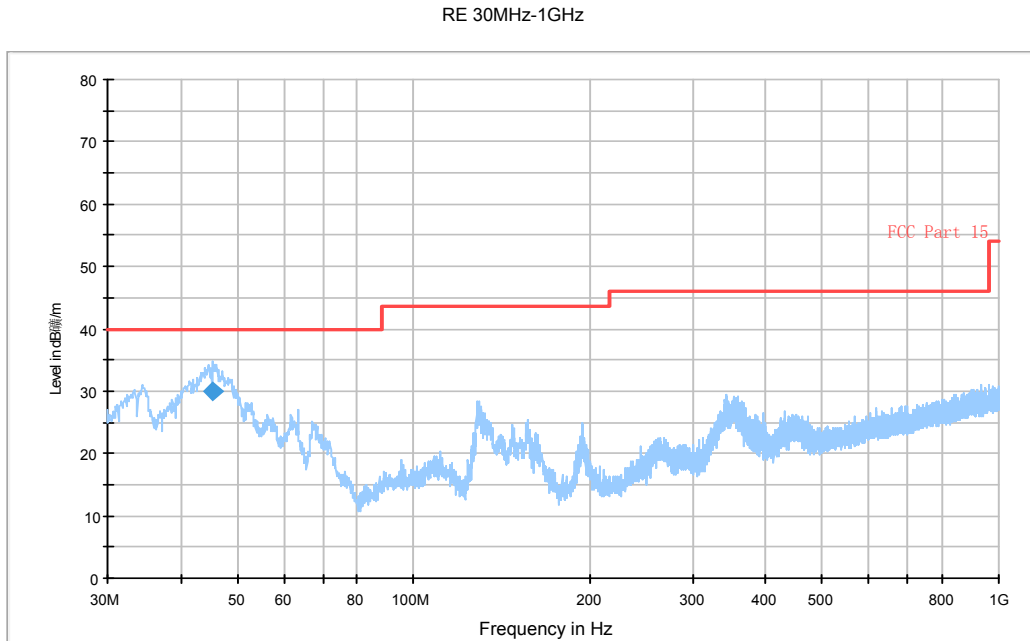


Fig. 102 Radiated Spurious Emission (802.11n-HT40, ch54, 30 MHz-1 GHz)

Final Result 1

| Frequency (MHz) | QuasiPeak (dBµ V/m) | Height (cm) | Polarization | Azimuth (deg) | Corr. (dB) | Margin (dB) | Limit (dBµ V/m) |
|-----------------|---------------------|-------------|--------------|---------------|------------|-------------|-----------------|
| 45.423000 | 30.0 | 100.0 | V | 15.0 | -18.1 | 10.0 | 40.0 |

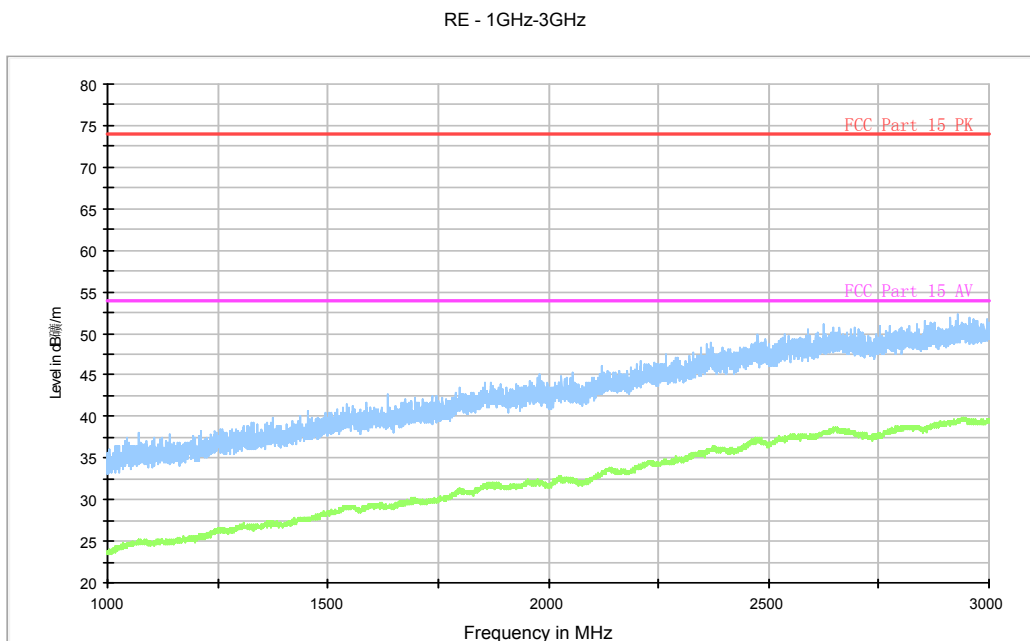


Fig. 103 Radiated Spurious Emission (802.11n-HT40, ch54, 1 GHz-3 GHz)

RE - 3GHz-6GHz

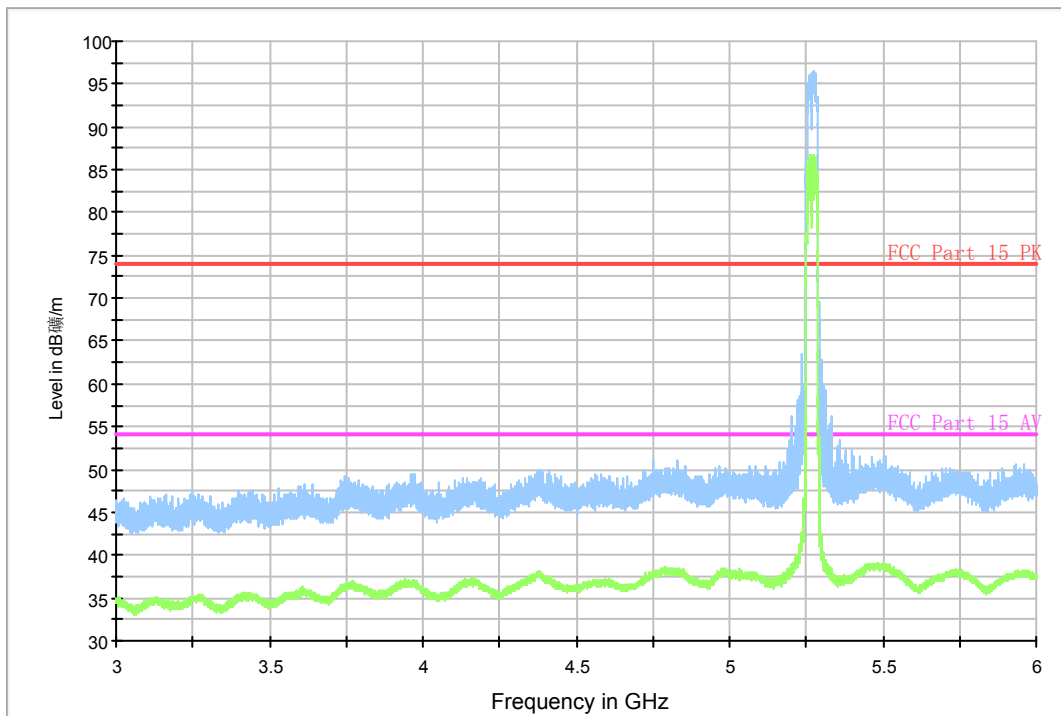


Fig. 104 Radiated Spurious Emission (802.11n-HT40, ch54, 3 GHz-6 GHz)

RE - 6GHz-18GHz

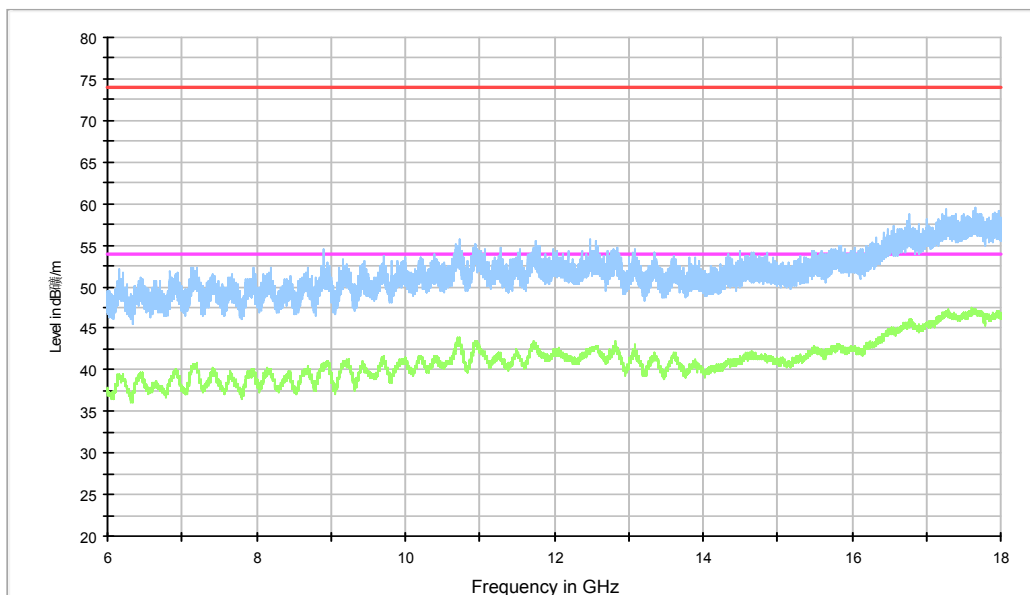


Fig. 105 Radiated Spurious Emission (802.11n-HT40, ch54, 6 GHz-18 GHz)

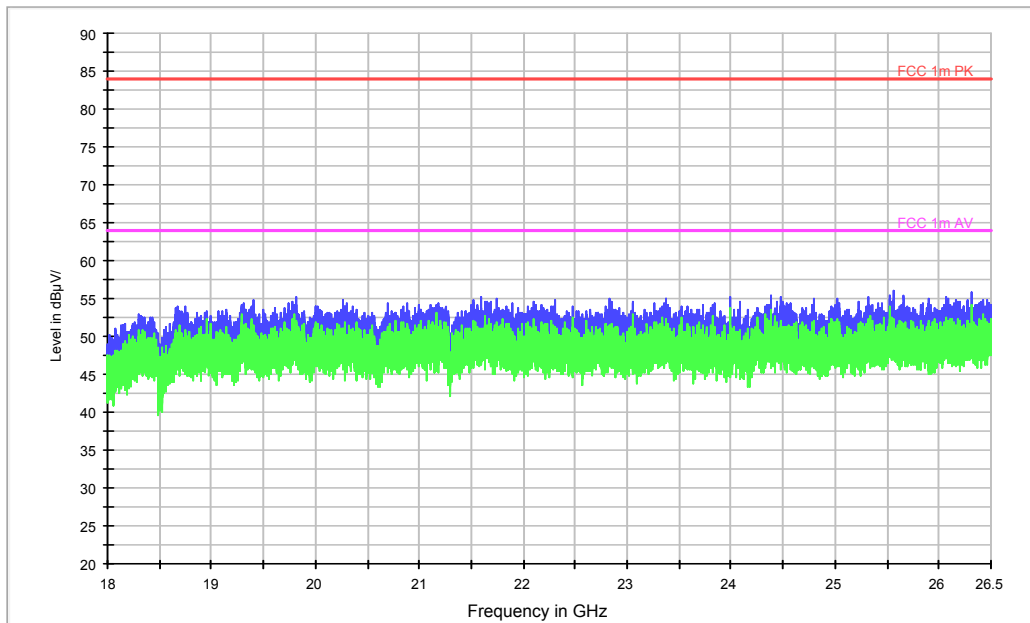


Fig. 106 Radiated Spurious Emission (802.11n-HT40, ch54, 18 GHz-26.5 GHz)

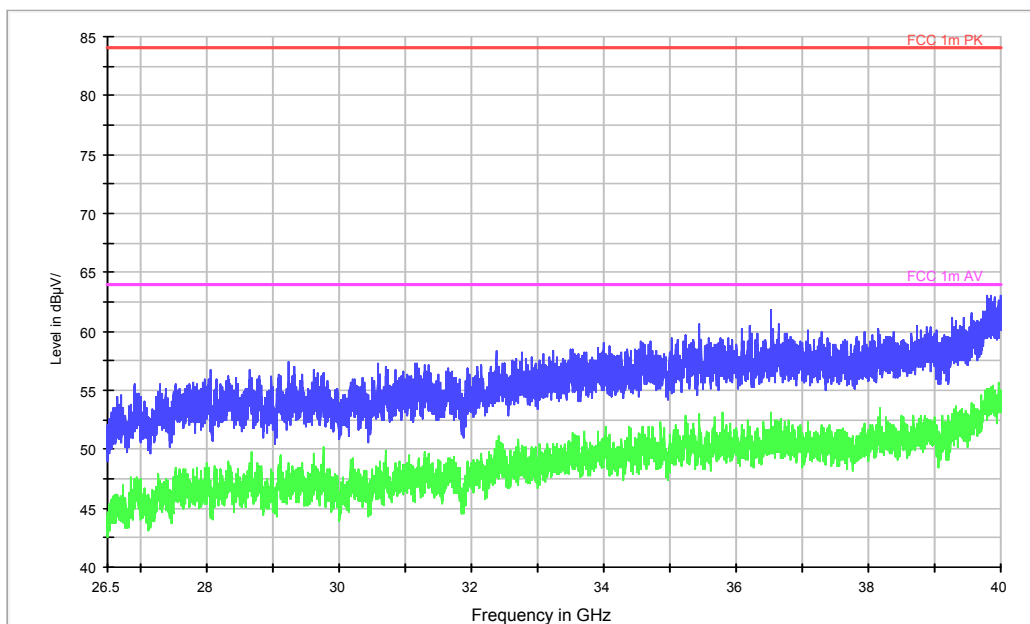


Fig. 107 Radiated Spurious Emission (802.11n-HT40, ch54, 26.5 GHz-40 GHz)

RE - 1GHz-3GHz

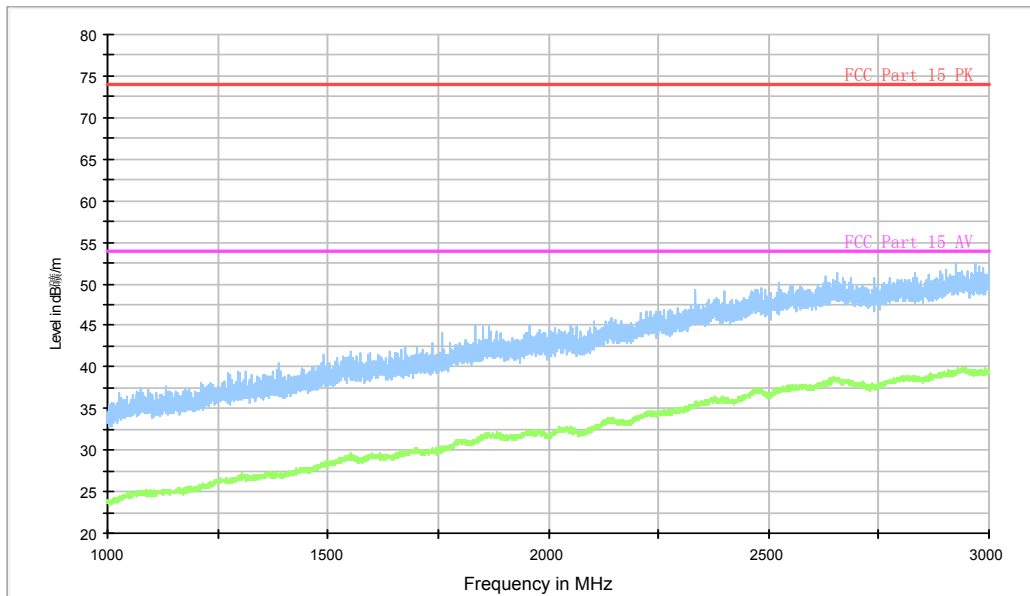


Fig. 108 Radiated Spurious Emission (802.11n-HT40, ch62, 1 GHz-3 GHz)

RE - 3GHz-6GHz

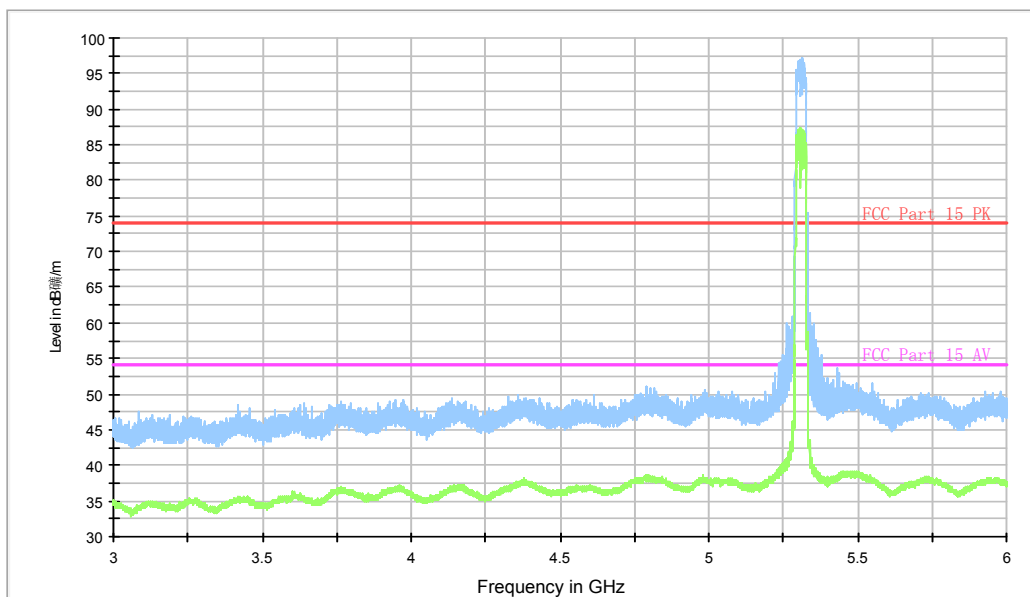


Fig. 109 Radiated Spurious Emission (802.11n-HT40, ch62, 3 GHz-6 GHz)

RE - 6GHz-18GHz

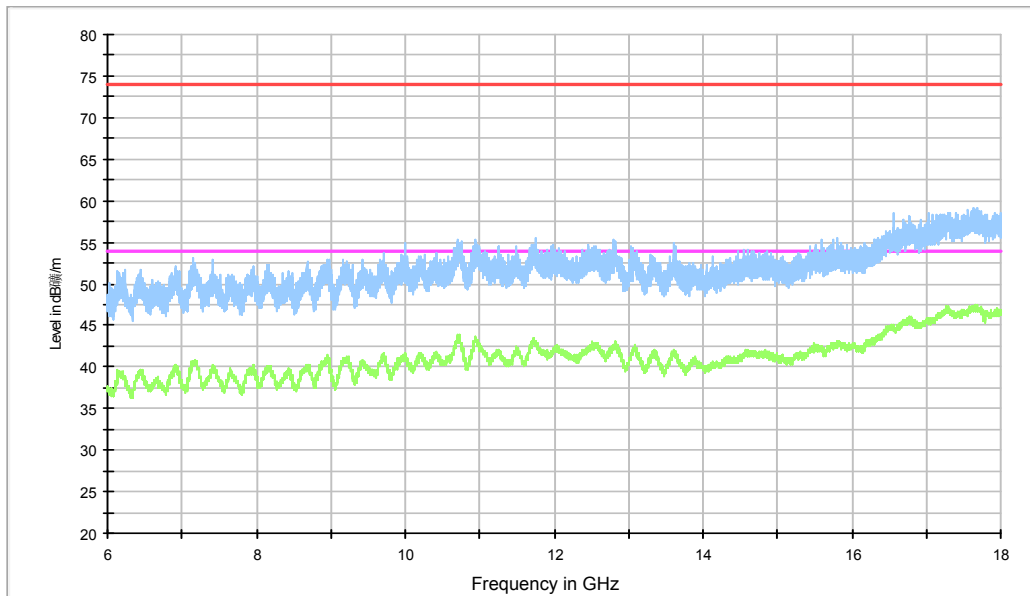


Fig. 110 Radiated Spurious Emission (802.11n-HT40, ch62, 6 GHz-18 GHz)

RE - 1GHz-3GHz

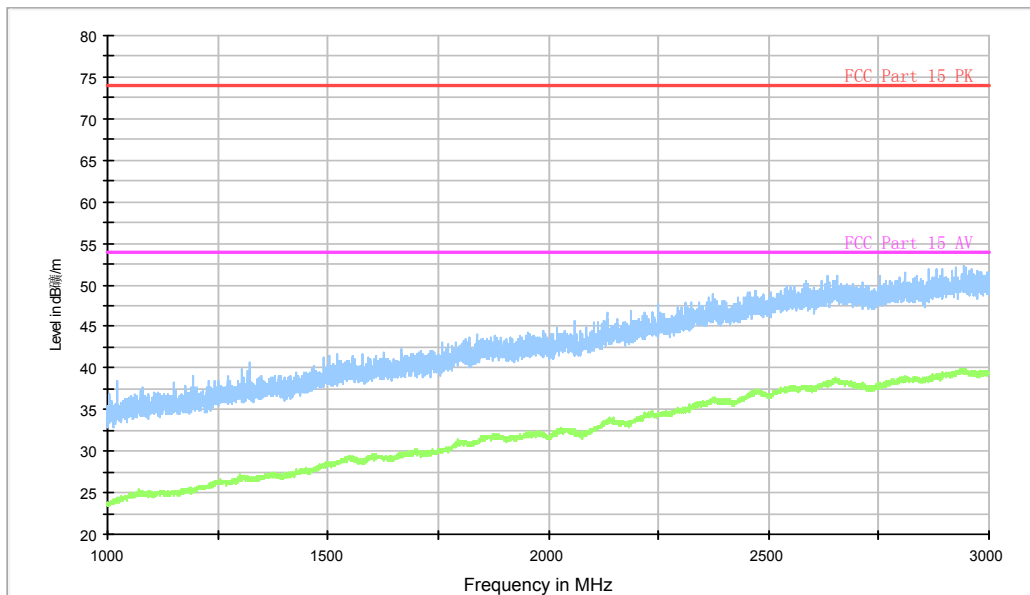


Fig. 111 Radiated Spurious Emission (802.11ac-HT20, ch52, 1 GHz-3 GHz)

RE - 3GHz-6GHz

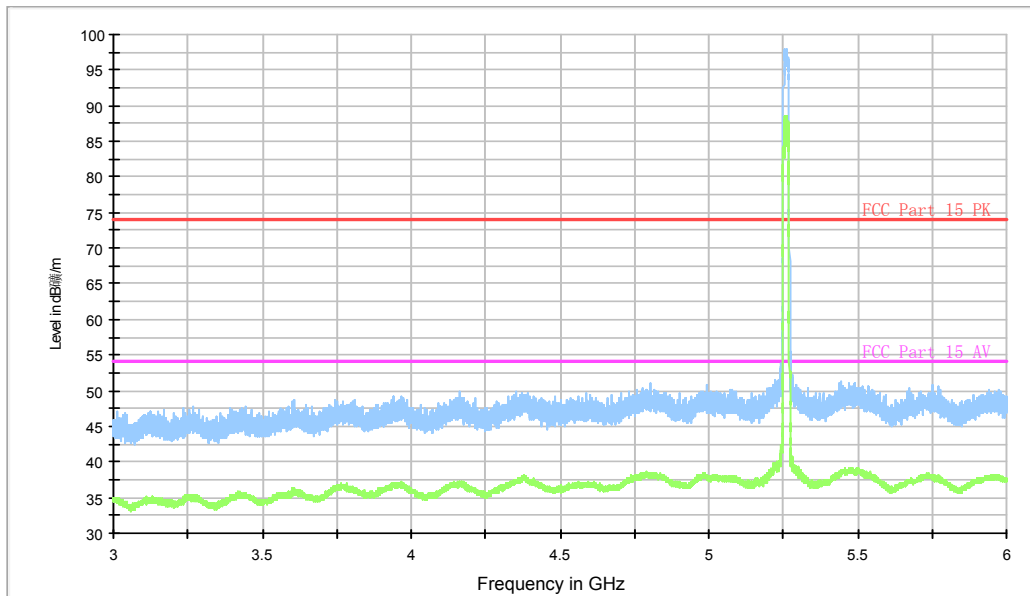


Fig. 112 Radiated Spurious Emission (802.11ac-HT20, ch52, 3 GHz-6 GHz)

RE - 6GHz-18GHz

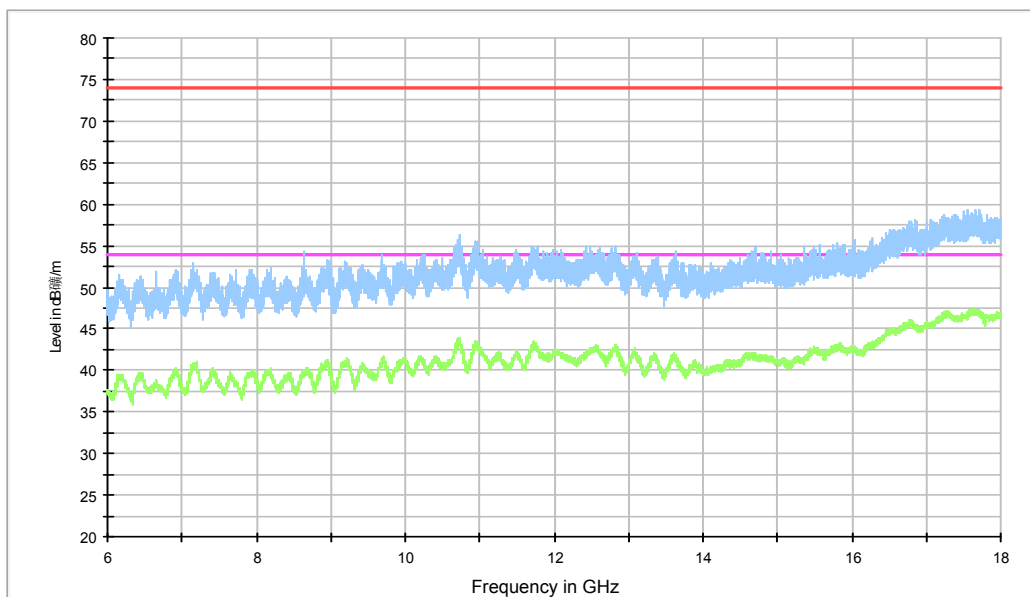


Fig. 113 Radiated Spurious Emission (802.11ac-HT20, ch52, 6 GHz-18GHz)

RE 30MHz-1GHz

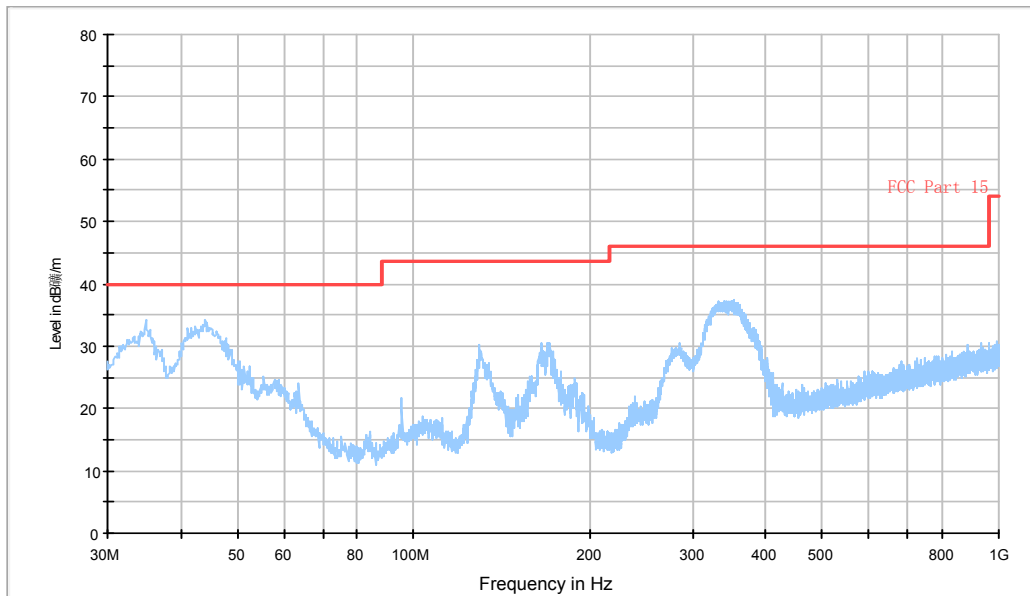


Fig. 114 Radiated Spurious Emission (802.11ac-HT20, ch56, 30 MHz-1 GHz)

RE - 1GHz-3GHz

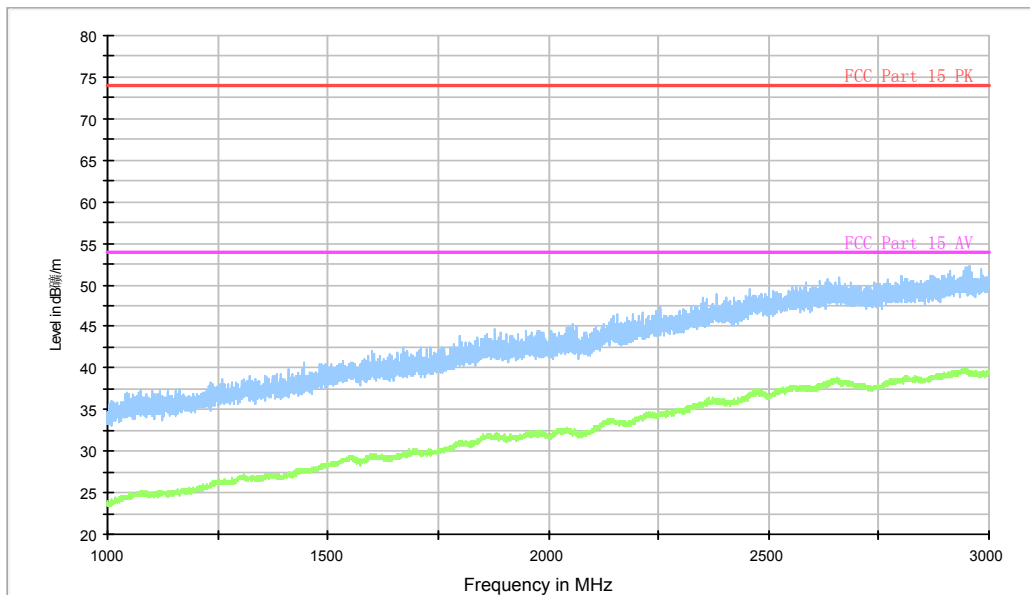


Fig. 115 Radiated Spurious Emission (802.11ac-HT20, ch56, 1 GHz-3 GHz)

RE - 3GHz-6GHz

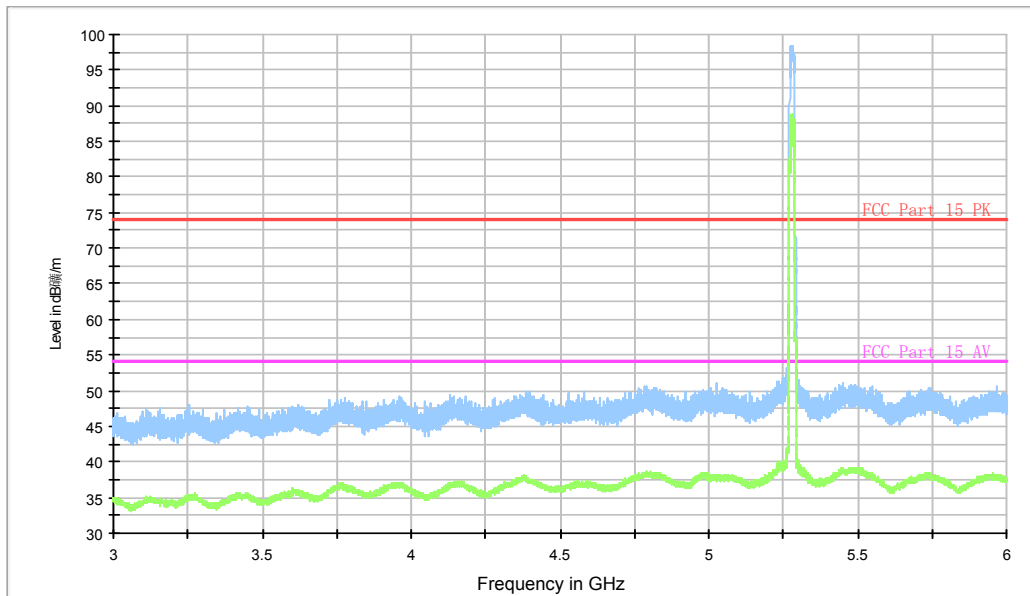


Fig. 116 Radiated Spurious Emission (802.11ac-HT20, ch56, 3 GHz-6 GHz)

RE - 6GHz-18GHz

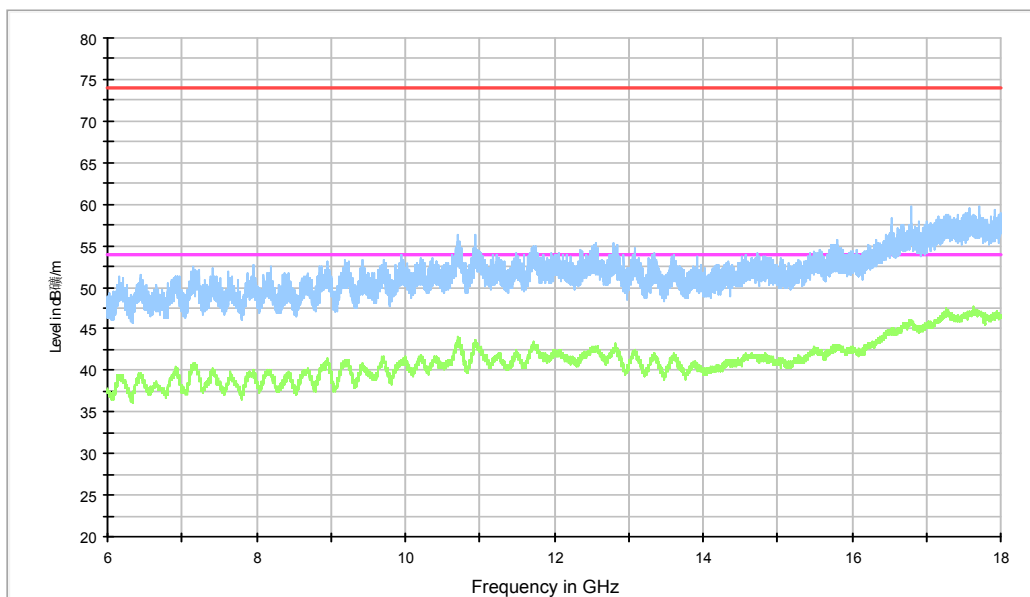


Fig. 117 Radiated Spurious Emission (802.11ac-HT20, ch56, 6 GHz-18 GHz)

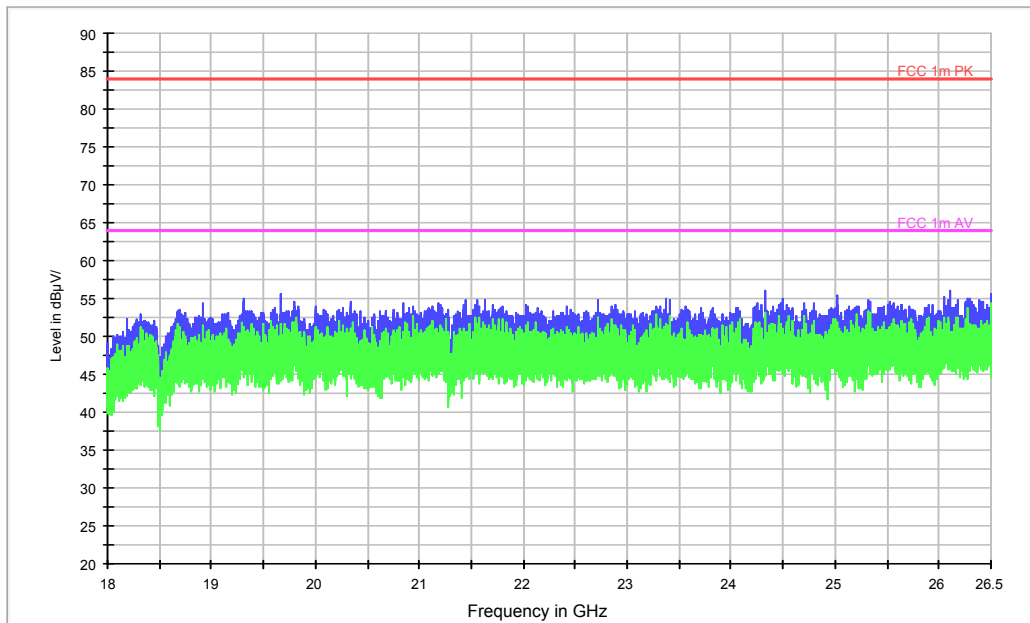


Fig. 118 Radiated Spurious Emission (802.11ac-HT20, ch56, 18 GHz-26.5 GHz)

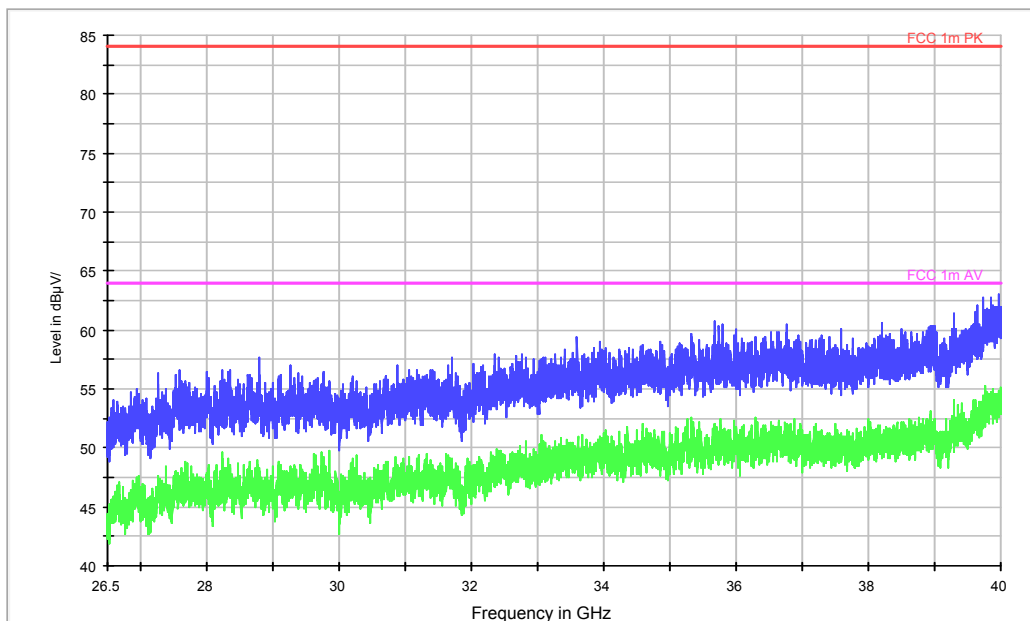


Fig. 119 Radiated Spurious Emission (802.11ac-HT20, ch56, 26.5 GHz-40 GHz)

RE - 1GHz-3GHz

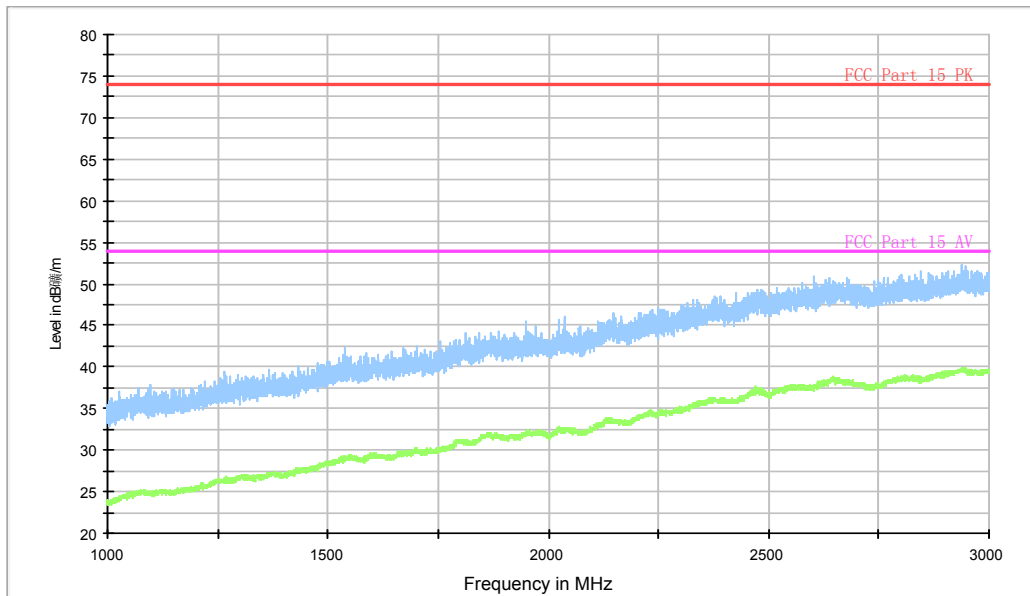


Fig. 120 Radiated Spurious Emission (802.11ac-HT20, ch64, 1 GHz-3GHz)

RE - 3GHz-6GHz

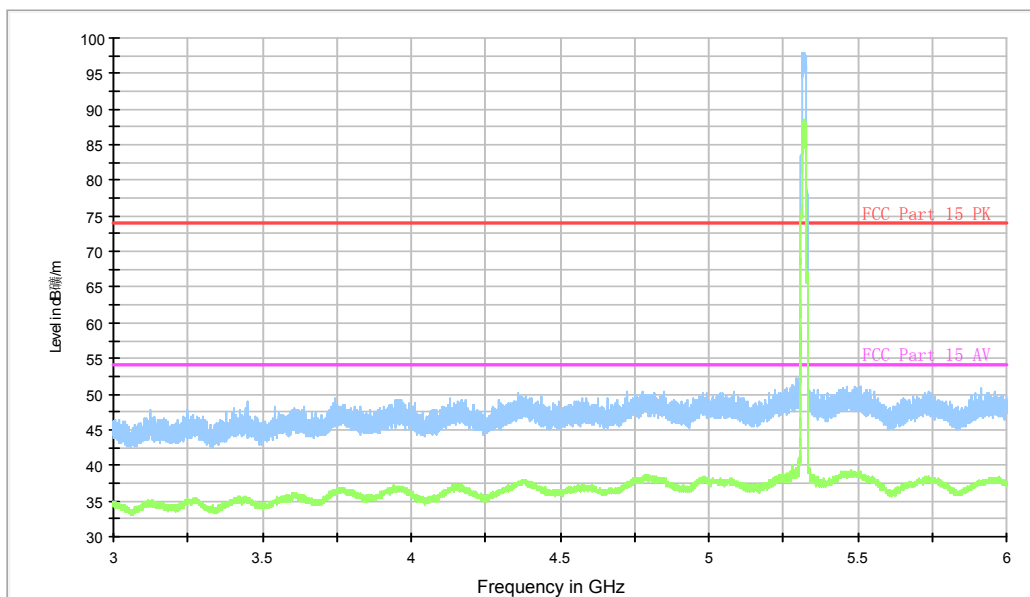


Fig. 121 Radiated Spurious Emission (802.11ac-HT20, ch64, 3 GHz-6GHz)

RE - 6GHz-18GHz

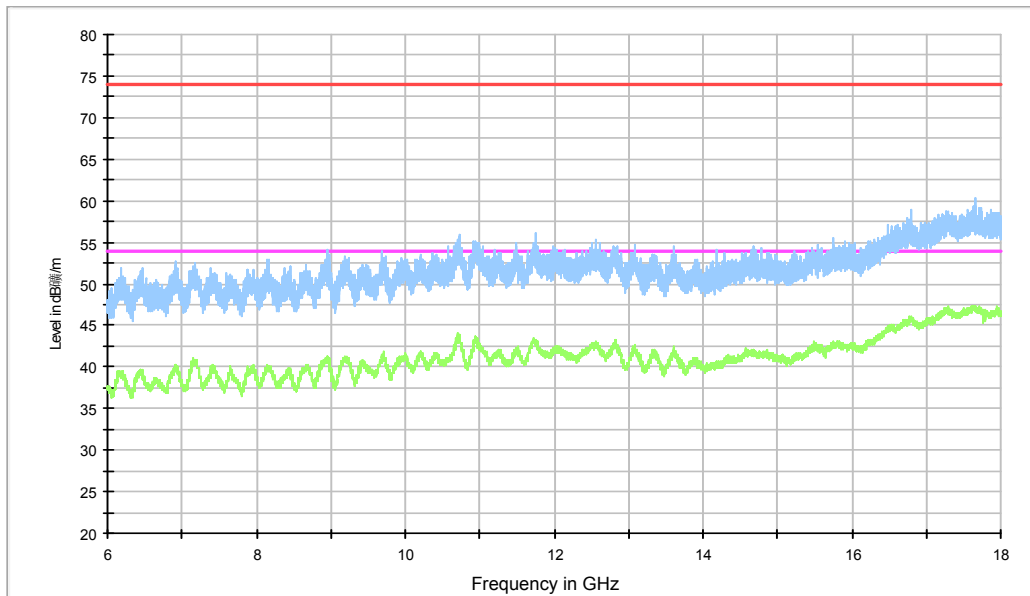


Fig. 122 Radiated Spurious Emission (802.11ac-HT20, ch64, 6 GHz-18 GHz)

RE 30MHz-1GHz

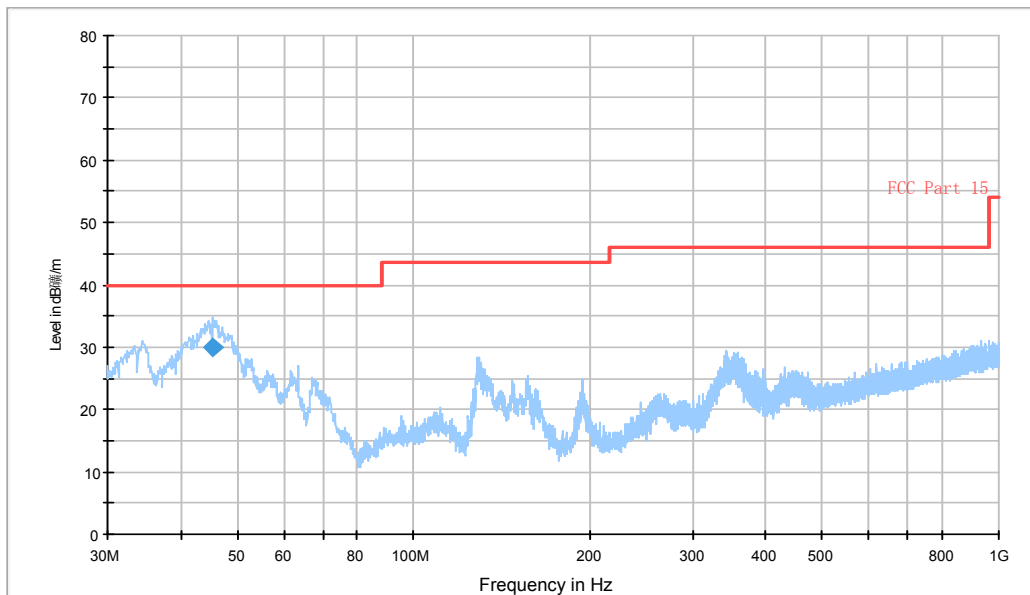


Fig. 123 Radiated Spurious Emission (802.11ac-HT40, ch54, 30 MHz-1 GHz)

Final Result 1

| Frequency (MHz) | QuasiPeak (dBμV/m) | Height (cm) | Polarization | Azimuth (deg) | Corr. (dB) | Margin (dB) | Limit (dBμV/m) |
|-----------------|--------------------|-------------|--------------|---------------|------------|-------------|----------------|
| 45.423000 | 30.0 | 100.0 | V | 15.0 | -18.1 | 10.0 | 40.0 |

RE - 1GHz-3GHz

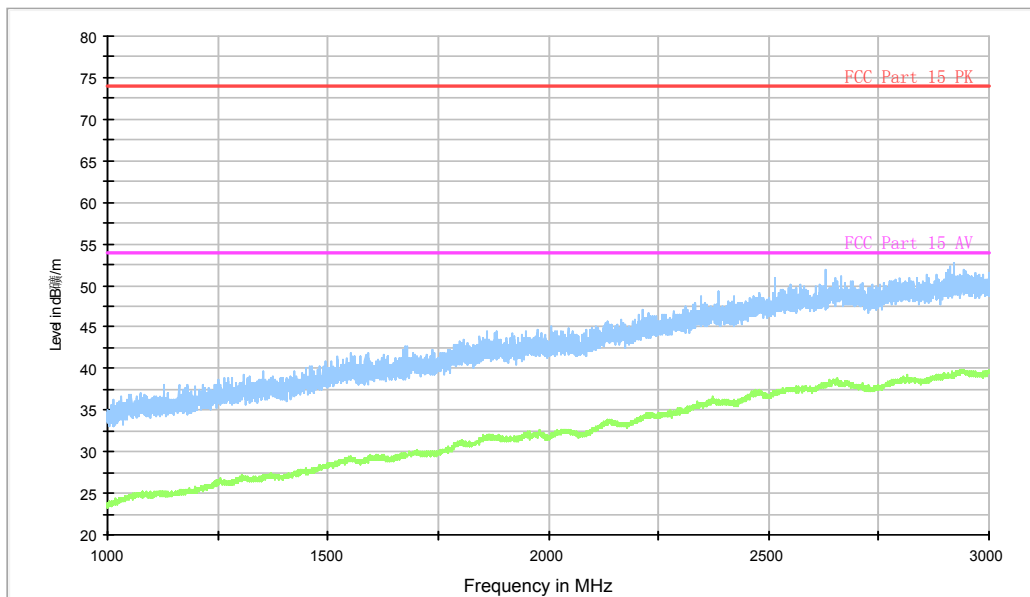


Fig. 124 Radiated Spurious Emission (802.11ac-HT40, ch54, 1 GHz-3 GHz)

RE - 3GHz-6GHz

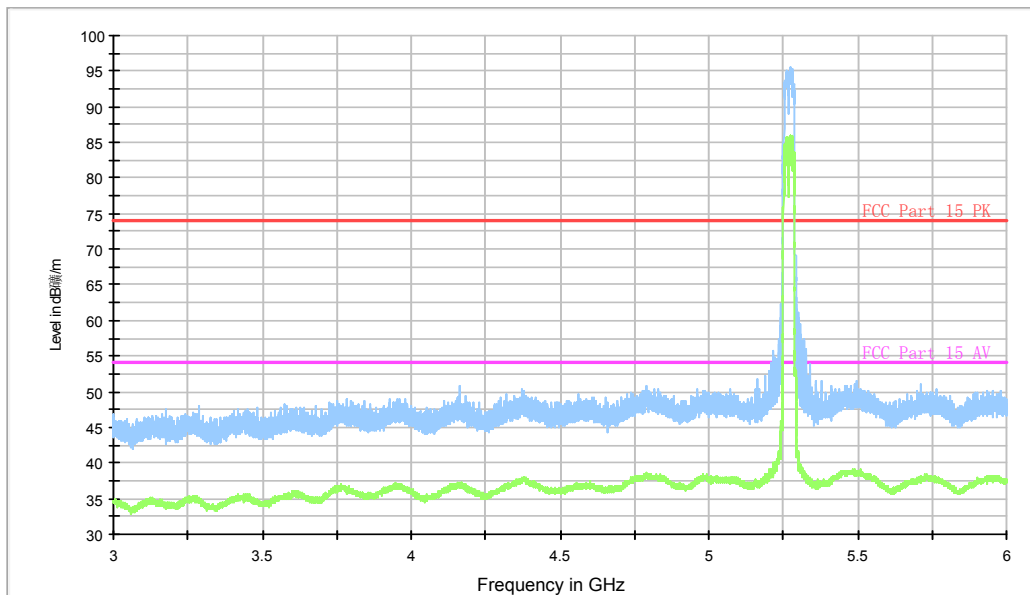


Fig. 125 Radiated Spurious Emission (802.11ac-HT40, ch54, 3 GHz-6 GHz)

RE - 6GHz-18GHz

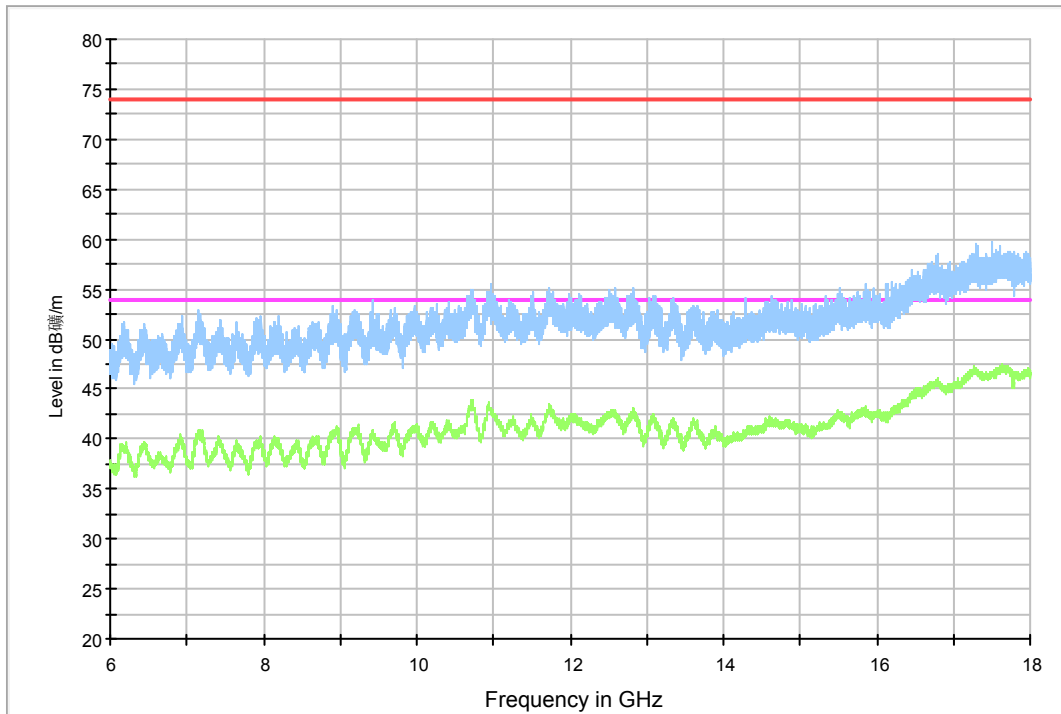


Fig. 126 Radiated Spurious Emission (802.11ac-HT40, ch54, 6 GHz-18 GHz)

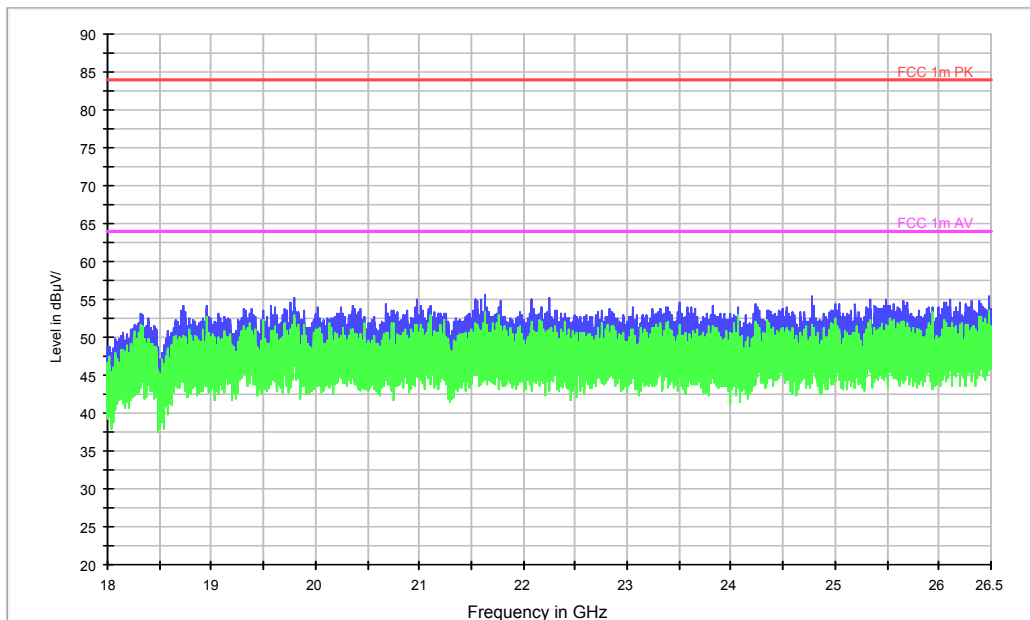


Fig. 127 Radiated Spurious Emission (802.11ac-HT40, ch54, 18 GHz-26.5 GHz)

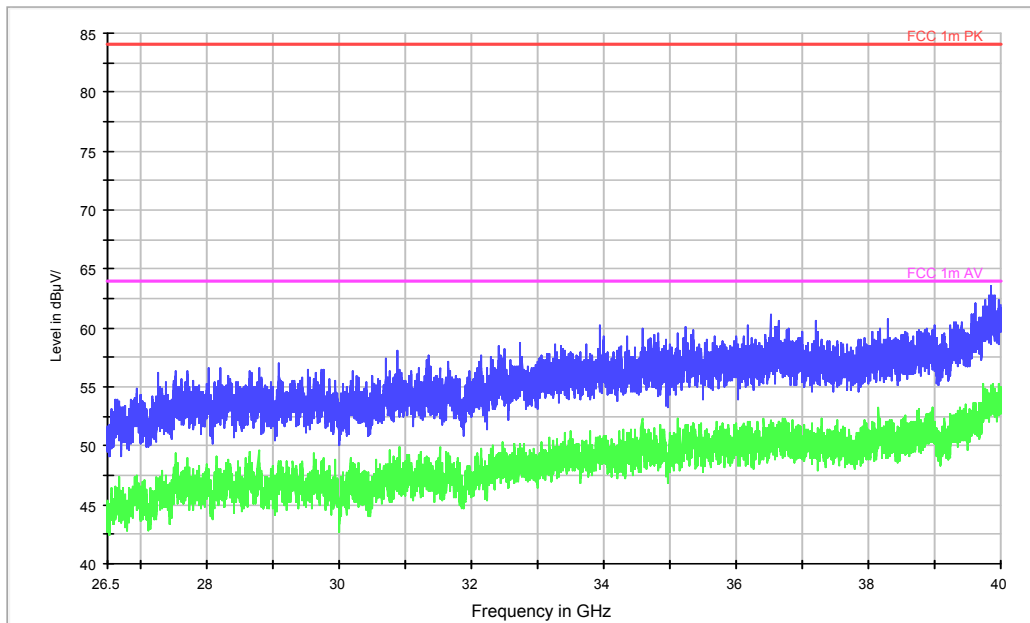


Fig. 128 Radiated Spurious Emission (802.11ac-HT40, ch54, 26.5 GHz-40 GHz)

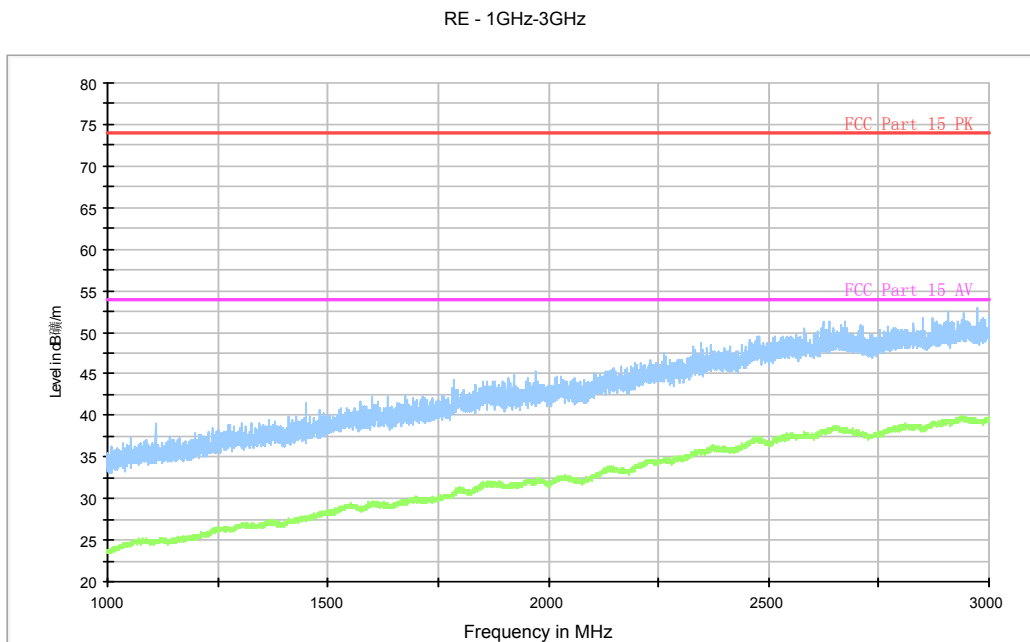


Fig. 129 Radiated Spurious Emission (802.11ac-HT40, ch62, 1 GHz-3 GHz)

RE - 3GHz-6GHz

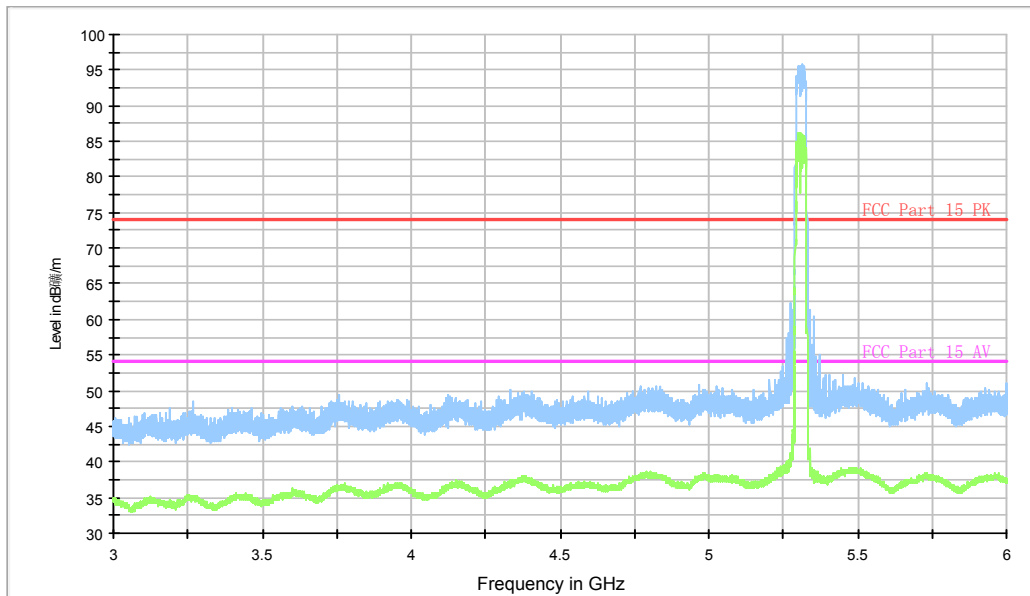


Fig. 130 Radiated Spurious Emission (802.11ac-HT40, ch62, 3 GHz-6 GHz)

RE - 6GHz-18GHz

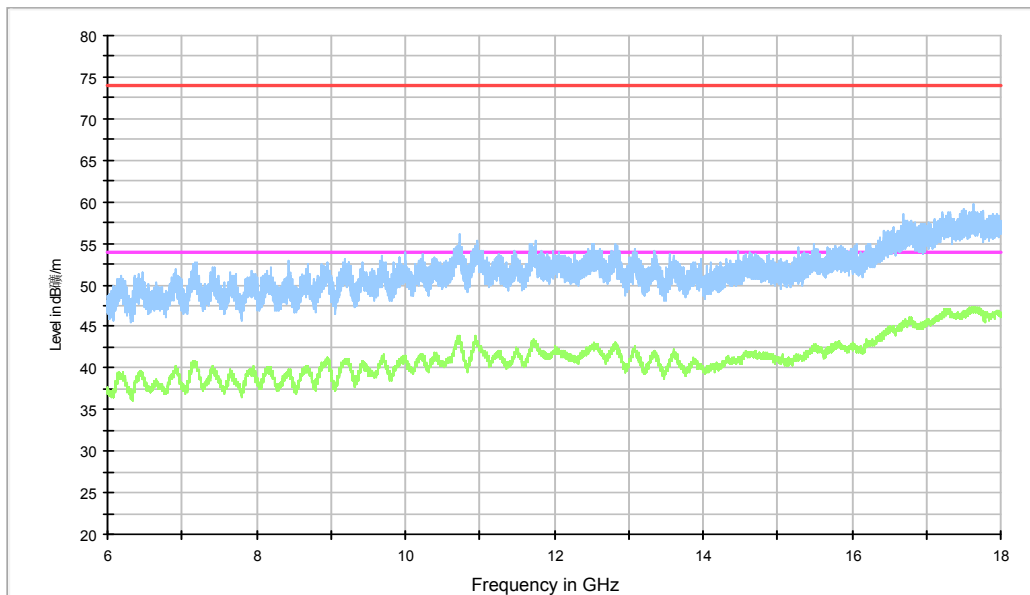


Fig. 131 Radiated Spurious Emission (802.11ac-HT40, ch62, 6 GHz-18 GHz)