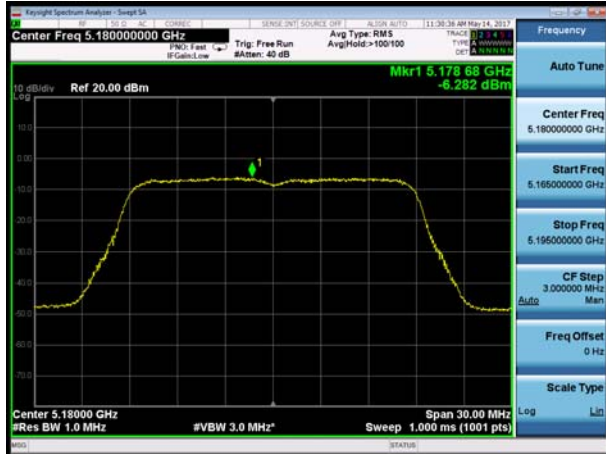




U-NII-1, 802.11ac HT20  
Carrier frequency (MHz): 5180



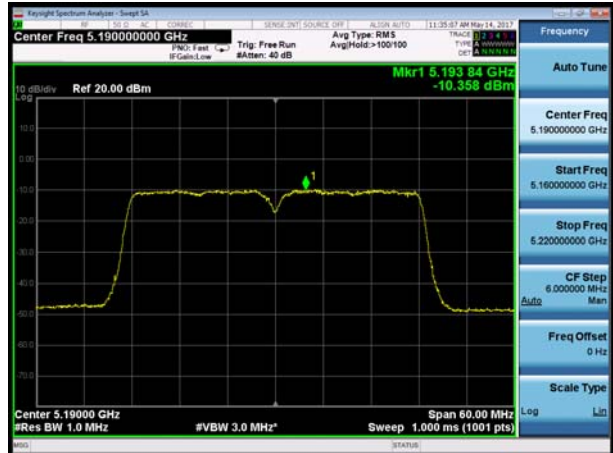
U-NII-1, 802.11ac HT20  
Carrier frequency (MHz):5220



U-NII-1, 802.11ac HT20  
Carrier frequency (MHz):5240



U-NII-1, 802.11ac HT40  
Carrier frequency (MHz): 5190



U-NII-1, 802.11ac HT40  
Carrier frequency (MHz): 5230



U-NII-1, 802.11ac HT80  
Carrier frequency (MHz): 5210





U-NII-3, 802.11a  
Carrier frequency (MHz): 5745



U-NII-3, 802.11a  
Carrier frequency (MHz): 5785



U-NII-3, 802.11a  
Carrier frequency (MHz): 5825



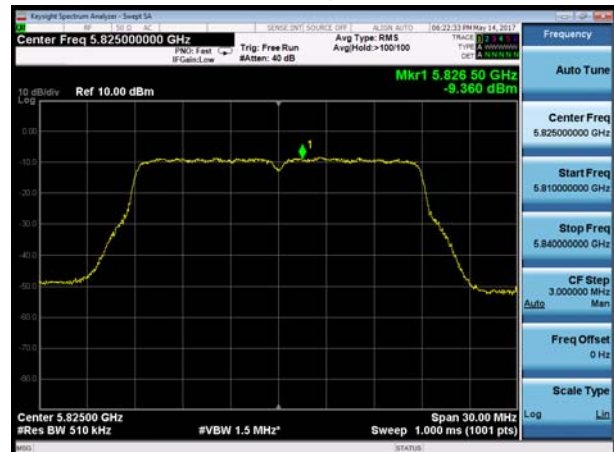
U-NII-3, 802.11n HT20  
Carrier frequency (MHz): 5745



U-NII-3, 802.11n HT20  
Carrier frequency (MHz): 5785

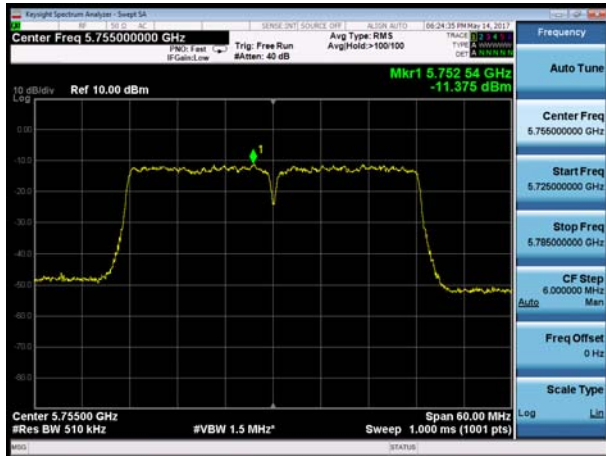


U-NII-3, 802.11n HT20  
Carrier frequency (MHz): 5825

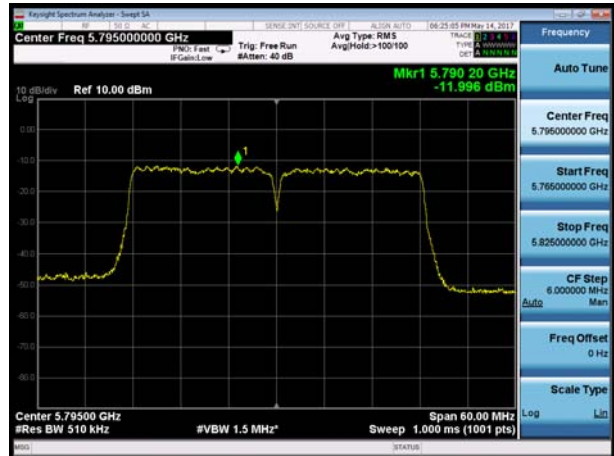




U-NII-3, 802.11n HT40  
Carrier frequency (MHz): 5755



U-NII-3, 802.11n HT40  
Carrier frequency (MHz): 5795



U-NII-3, 802.11ac HT20  
Carrier frequency (MHz): 5745



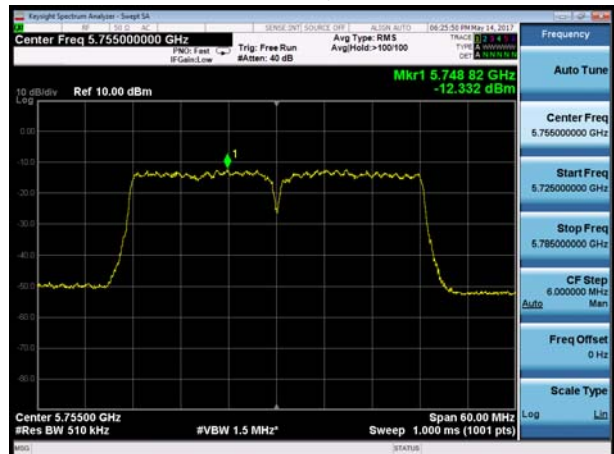
U-NII-3, 802.11ac HT20  
Carrier frequency (MHz): 5785



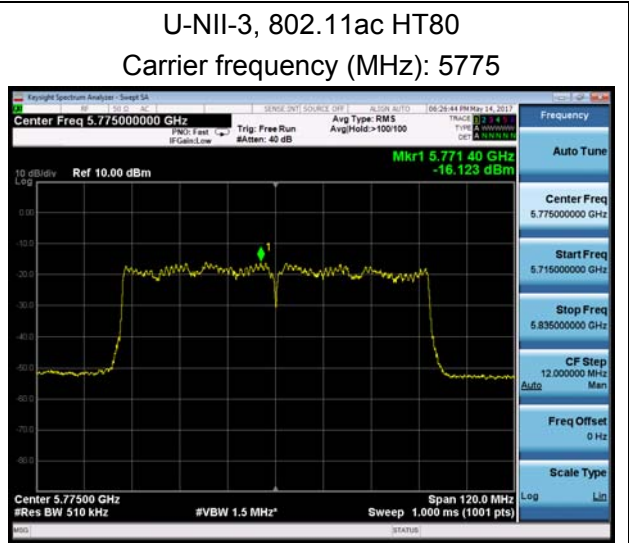
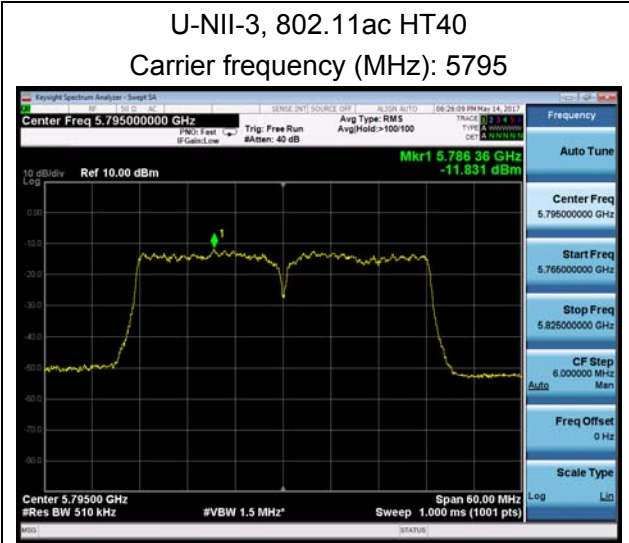
U-NII-3, 802.11ac HT20  
Carrier frequency (MHz): 5825



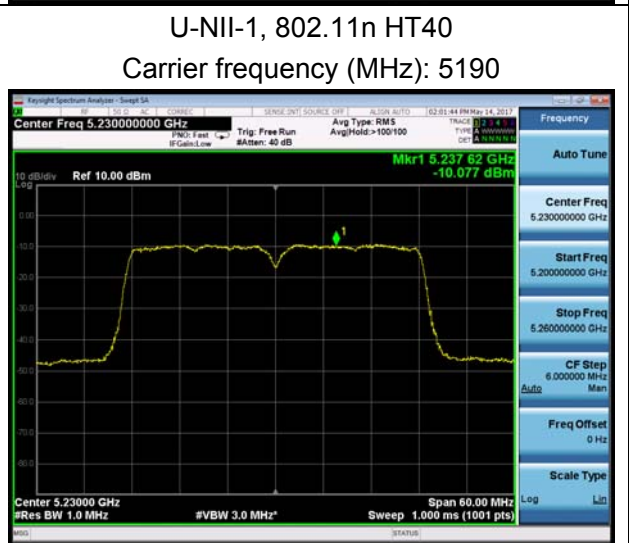
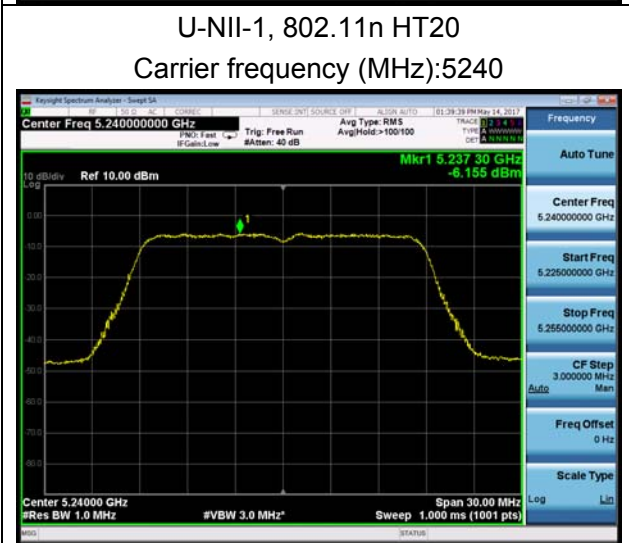
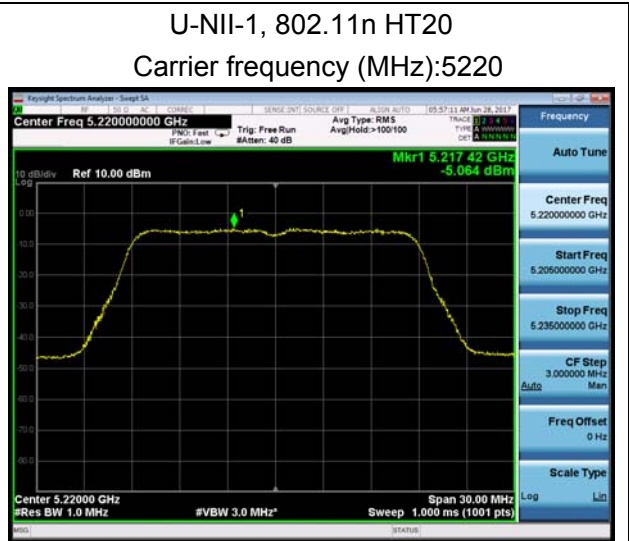
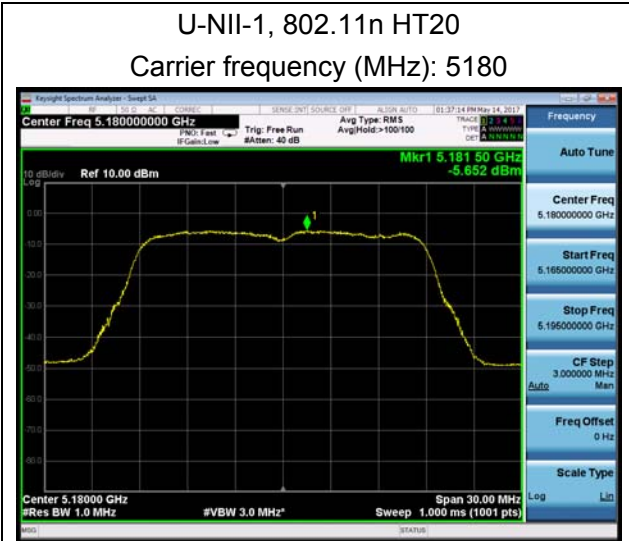
U-NII-3, 802.11ac HT40  
Carrier frequency (MHz): 5755





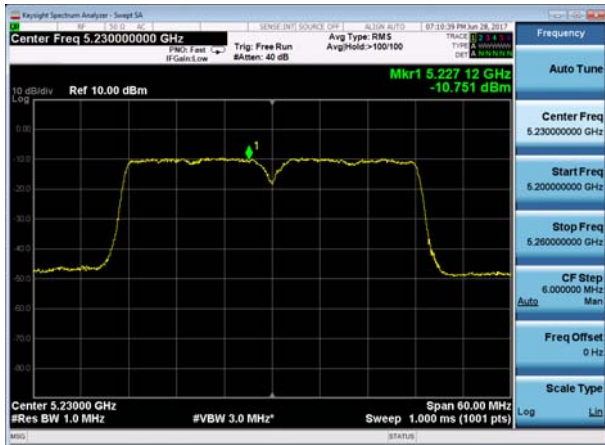


**MIMO Antenna 1**

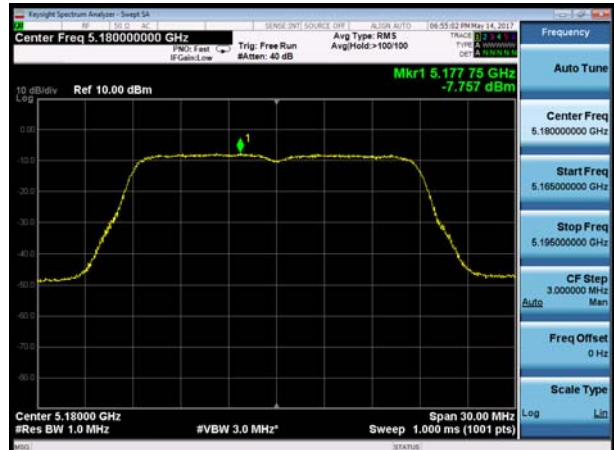




U-NII-1, 802.11n HT40  
Carrier frequency (MHz): 5230



U-NII-1, 802.11ac HT20  
Carrier frequency (MHz): 5180



U-NII-1, 802.11ac HT20  
Carrier frequency (MHz):5220



U-NII-1, 802.11ac HT20  
Carrier frequency (MHz):5240



U-NII-1, 802.11ac HT40  
Carrier frequency (MHz): 5190



U-NII-1, 802.11ac HT40  
Carrier frequency (MHz): 5230





U-NII-1, 802.11ac HT80  
Carrier frequency (MHz): 5210



U-NII-3, 802.11n HT20  
Carrier frequency (MHz): 5745



U-NII-3, 802.11n HT20  
Carrier frequency (MHz): 5785



U-NII-3, 802.11n HT20  
Carrier frequency (MHz): 5825



U-NII-3, 802.11n HT40  
Carrier frequency (MHz): 5755



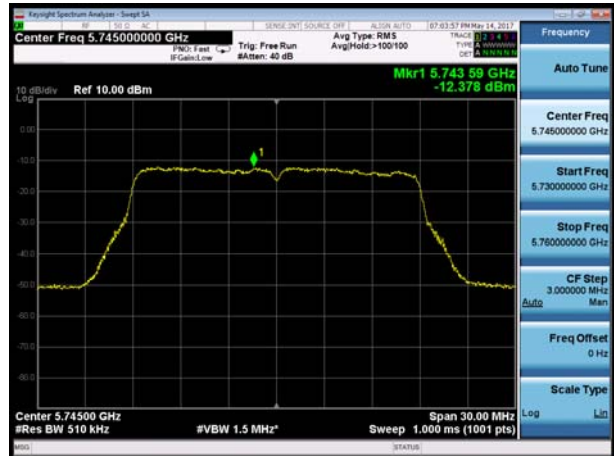




U-NII-3, 802.11n HT40  
Carrier frequency (MHz): 5795



U-NII-3, 802.11ac HT20  
Carrier frequency (MHz): 5745



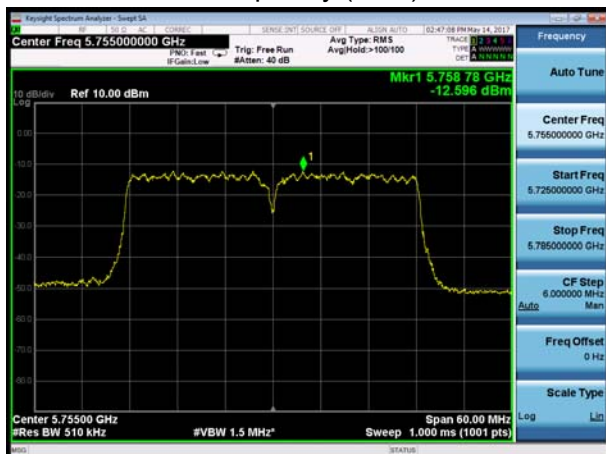
U-NII-3, 802.11ac HT20  
Carrier frequency (MHz): 5785



U-NII-3, 802.11ac HT20  
Carrier frequency (MHz): 5825



U-NII-3, 802.11ac HT40  
Carrier frequency (MHz): 5755



U-NII-3, 802.11ac HT40  
Carrier frequency (MHz): 5795





U-NII-3, 802.11ac HT80  
Carrier frequency (MHz): 5775



MIMO Antenna 2

U-NII-1, 802.11n HT20  
Carrier frequency (MHz): 5180



U-NII-1, 802.11n HT20  
Carrier frequency (MHz):5220



U-NII-1, 802.11n HT20  
Carrier frequency (MHz):5240



U-NII-1, 802.11n HT40  
Carrier frequency (MHz): 5190







U-NII-1, 802.11n HT40  
Carrier frequency (MHz): 5230



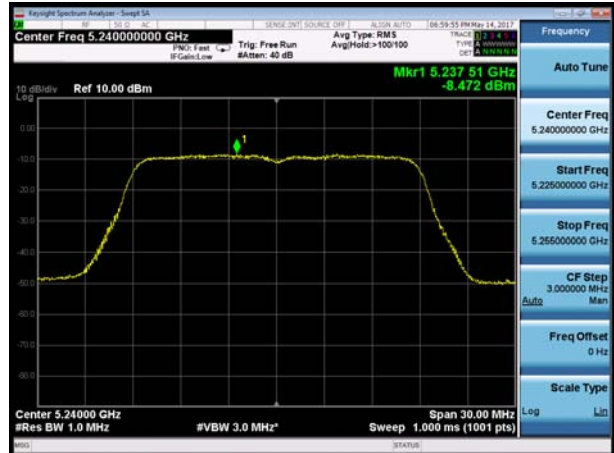
U-NII-1, 802.11ac HT20  
Carrier frequency (MHz): 5180



U-NII-1, 802.11ac HT20  
Carrier frequency (MHz): 5220



U-NII-1, 802.11ac HT20  
Carrier frequency (MHz): 5240



U-NII-1, 802.11ac HT40  
Carrier frequency (MHz): 5190



U-NII-1, 802.11ac HT40  
Carrier frequency (MHz): 5230





U-NII-1, 802.11ac HT80  
Carrier frequency (MHz): 5210



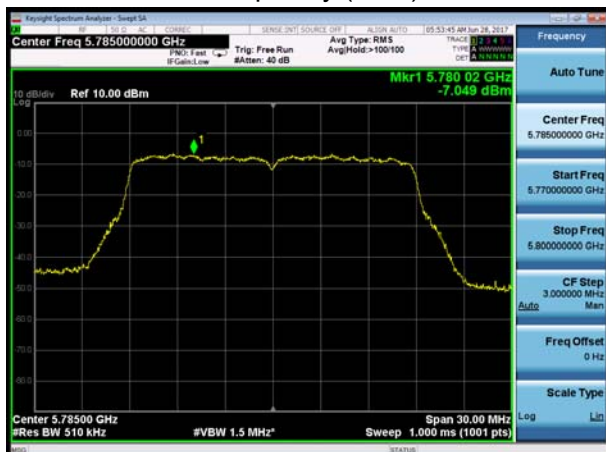
U-NII-3, 802.11n HT20  
Carrier frequency (MHz): 5745



U-NII-3, 802.11n HT20  
Carrier frequency (MHz): 5785



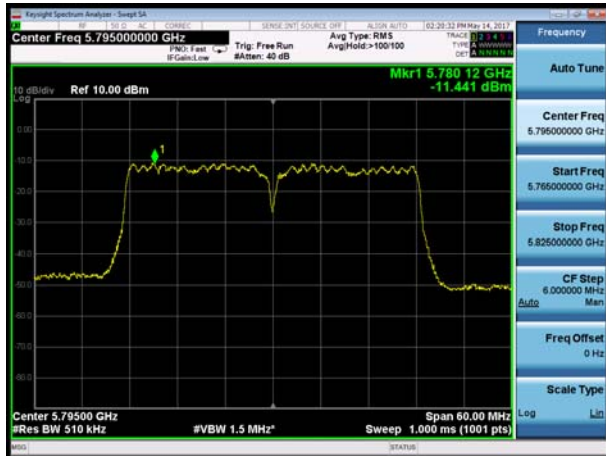
U-NII-3, 802.11n HT20  
Carrier frequency (MHz): 5825



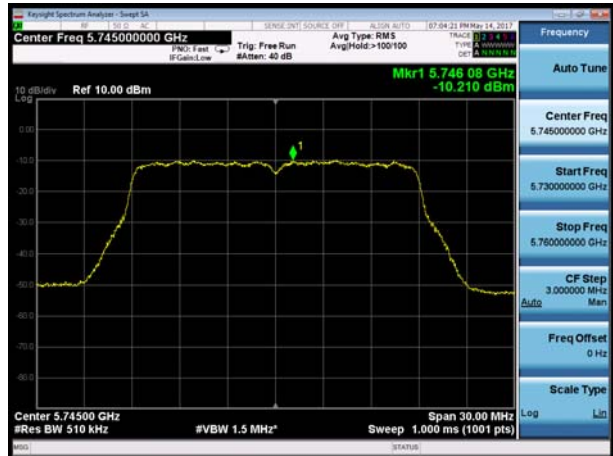
U-NII-3, 802.11n HT40  
Carrier frequency (MHz): 5755



U-NII-3, 802.11n HT40  
Carrier frequency (MHz): 5795



U-NII-3, 802.11ac HT20  
Carrier frequency (MHz): 5745



U-NII-3, 802.11ac HT20  
Carrier frequency (MHz): 5785



U-NII-3, 802.11ac HT20  
Carrier frequency (MHz): 5825



U-NII-3, 802.11ac HT40  
Carrier frequency (MHz): 5755

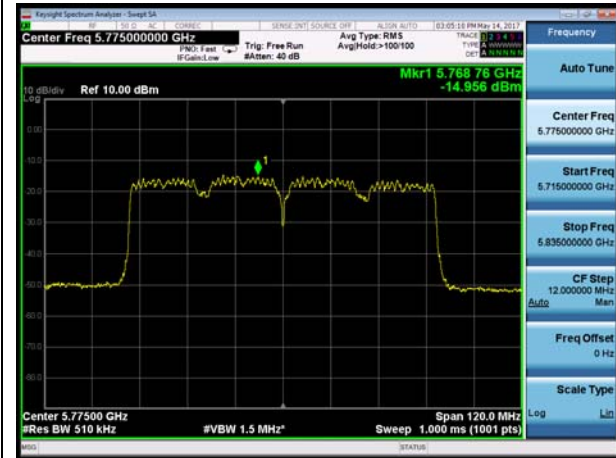


U-NII-3, 802.11ac HT40  
Carrier frequency (MHz): 5795





U-NII-3, 802.11ac HT80  
Carrier frequency (MHz): 5775



## 5.5. Unwanted Emission

### Ambient condition

Temperature	Relative humidity	Pressure
23°C ~25°C	45%~50%	101.5kPa

### Method of Measurement

The test set-up was made in accordance to the general provisions of ANSI C63.10-2013. The Equipment Under Test (EUT) was set up on a non-conductive table in the semi-anechoic chamber. The test was performed at the distance of 3 m between the EUT and the receiving antenna. The radiated emissions measurements were made in a typical installation configuration. Sweep the whole frequency band range from 9kHz to the 10th harmonic of the carrier, and the emissions less than 20 dB below the permissible value are reported.

During the test, the height of receive antenna shall be moved from 1 to 4 meters, and the antenna shall be performed under horizontal and vertical polarization. The turntable shall be rotated from 0 to 360 degrees for detecting the maximum of radiated spurious signal level. The measurements shall be repeated with orthogonal polarization of the test antenna. The data of cable loss and antenna factor has been calibrated in full testing frequency range before the testing.

Set the spectrum analyzer in the following:

Below 1GHz (detector: Peak and Quasi-Peak)

RBW=100kHz / VBW=300kHz / Sweep=AUTO

Above 1GHz (detector: Peak):

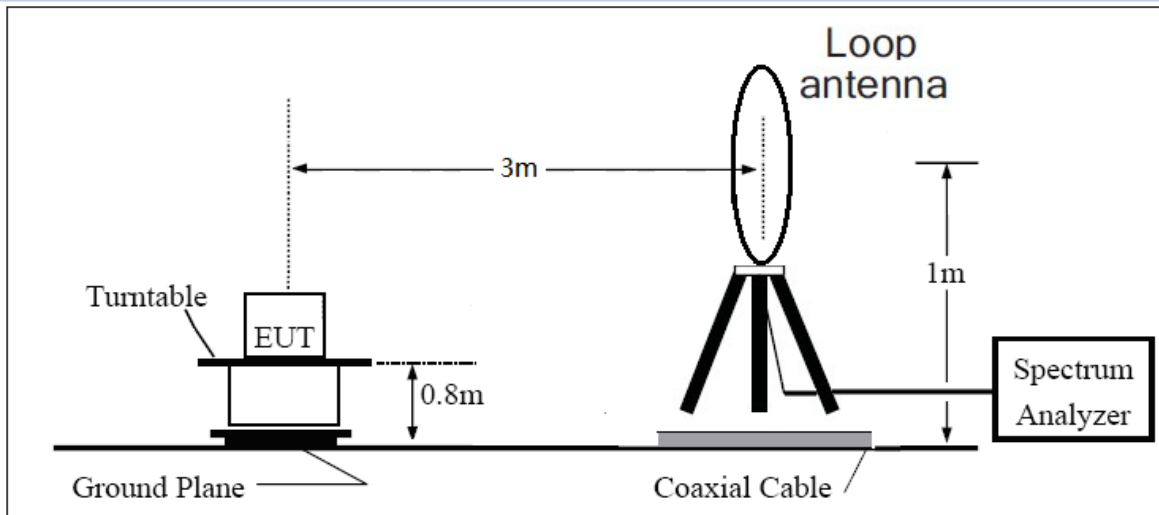
(a) PEAK: RBW=1MHz VBW=3MHz/ Sweep=AUTO

(b) AVERAGE: RBW=1MHz / VBW=3MHz / Sweep=AUTO

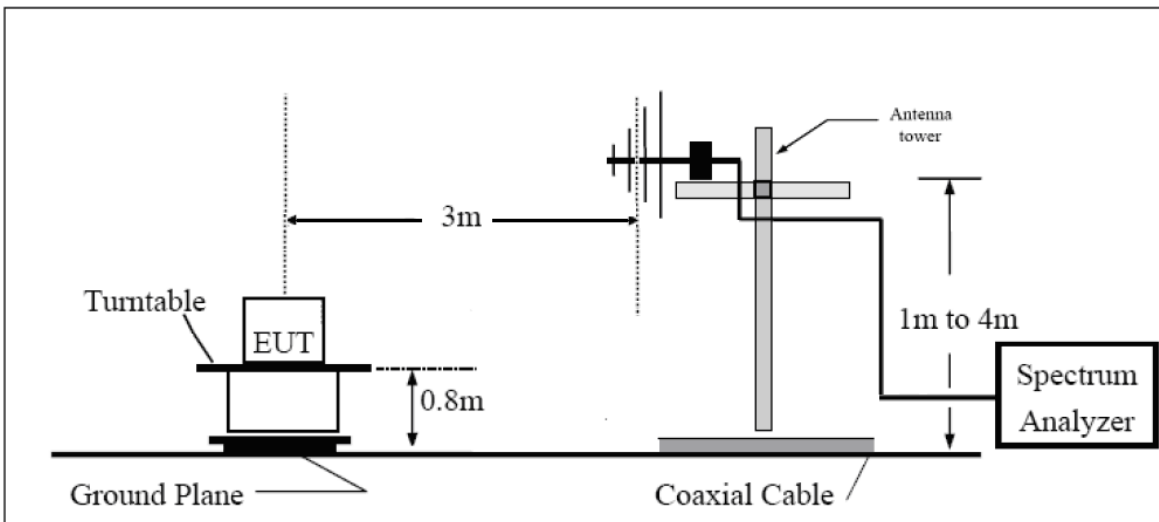
The radiated emission was measured in the following position: EUT stand-up position (Z axis), lie-down position (X, Y axis). The worst emission was found in stand-up position (Z axis) and the worst case was recorded.

The test is in transmitting mode.

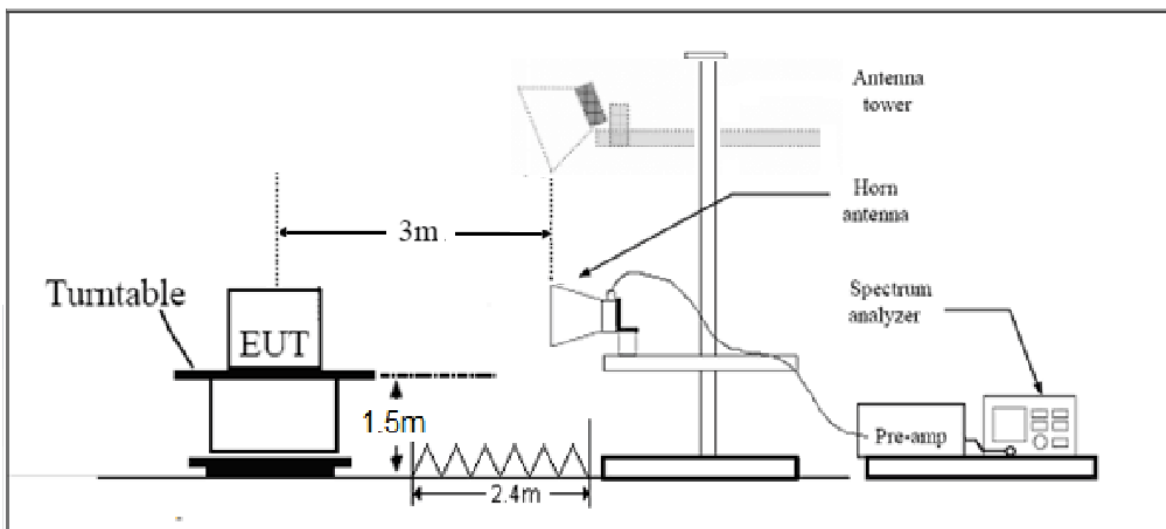
9KHz~~~30MHz



30MHz~~~ 1GHz



Above 1GHz



Note: Area side:2.4mX3.6m



**Limits**

- (1) For transmitters operating in the 5725-5850 MHz band: All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.
- (2) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz(68.2dBμV/m).
- (3) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz(68.2dBμV/m).
- (4) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz(68.2dBμV/m).

Note: the following formula is used to convert the EIRP to field strength

§1、  $E[\text{dB}\mu\text{V}/\text{m}] = \text{EIRP}[\text{dBm}] - 20 \log(d[\text{meters}]) + 104.77$ , where E = field strength and

d = distance at which field strength limit is specified in the rules;

§2、  $E[\text{dB}\mu\text{V}/\text{m}] = \text{EIRP}[\text{dBm}] + 95.2$ , for d = 3 meters

- (5) Unwanted spurious emissions fallen in restricted bands per FCC Part15.205 shall comply with the general field strength limits set forth in § 15.209 as below table.

Frequency of emission (MHz)	Field strength(uV/m)	Field strength(dBuV/m)
0.009–0.490	2400/F(kHz)	/
0.490–1.705	24000/F(kHz)	/
1.705–30.0	30	/
30-88	100	40
88-216	150	43.5
216-960	200	46
Above960	500	54

MHz	MHz	MHz	GHz
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.52525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	( <sup>2</sup> )
13.36 - 13.41			

**Measurement Uncertainty**

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor  $k = 1.96$ .

Frequency	Uncertainty
9KHz-30MHz	3.55 dB
30MHz-200MHz	4.19 dB
200MHz-1GHz	3.63 dB
1GHz-26.5G	3.68 dB
26.5G-40GHz	4.76dB



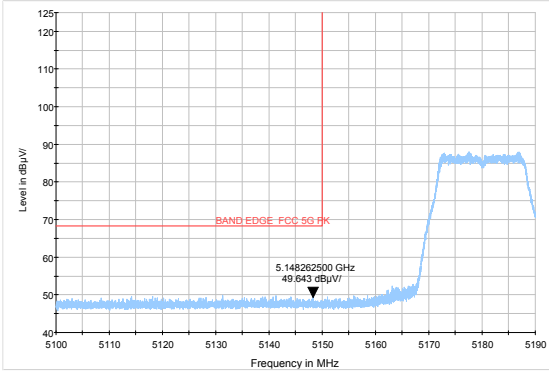
**Test Results:**

**PASSThe signal beyond the limit is carrier.**

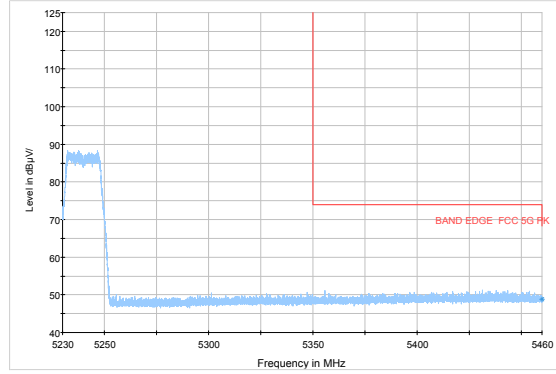
**SISO Antenna 1**

**U-NII-1**

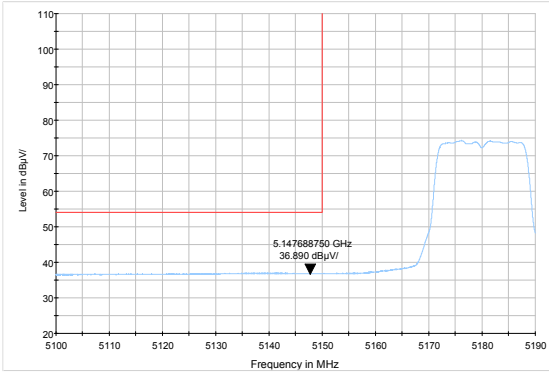
**802.11a-Channel 36: Peak**



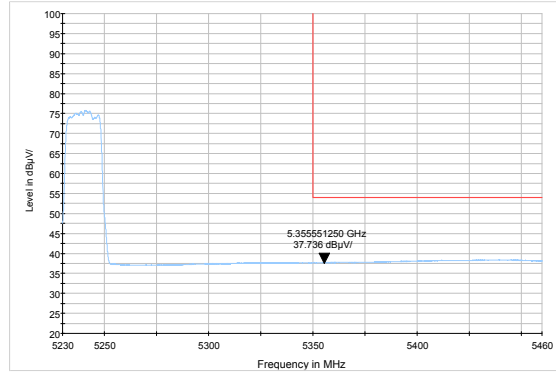
**802.11a-Channel 48: Peak**



**802.11a-Channel 36: Average**

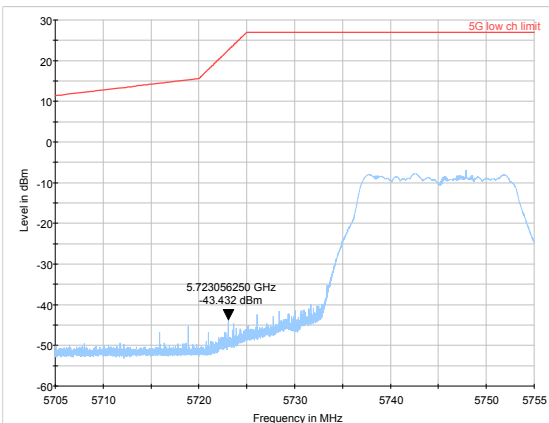


**802.11a-Channel 48: Average**

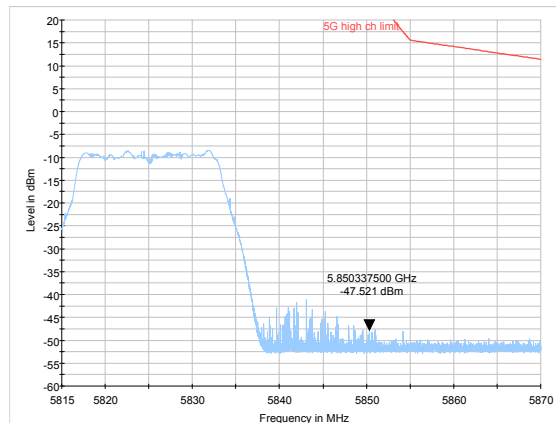


**U-NII-3**

**802.11a-Channel 149: Peak**



**802.11a-Channel 165: Peak**



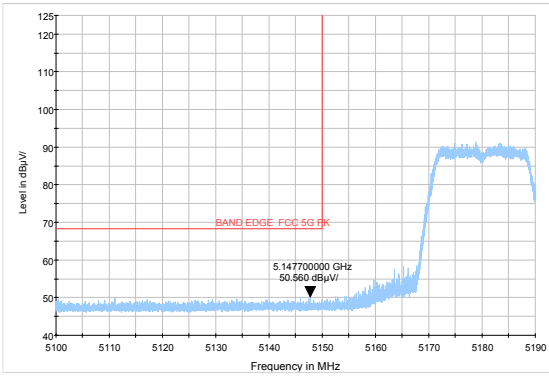




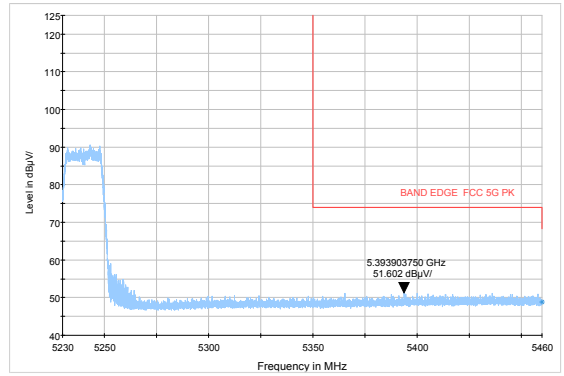
MIMO

U-NII-1

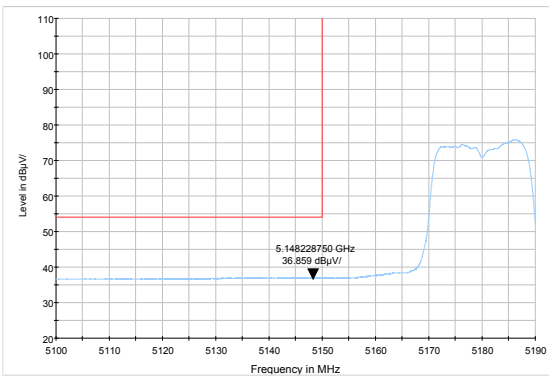
802.11n HT20-Channel 36: Peak



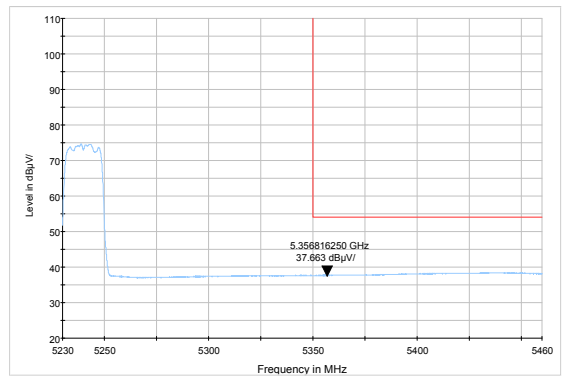
802.11n HT20-Channel 48: Peak



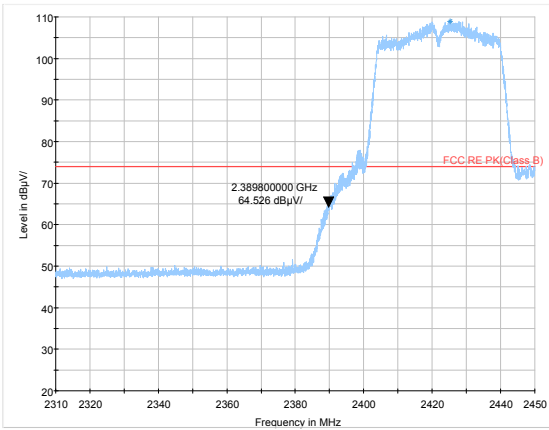
802.11n HT20-Channel 36: Average



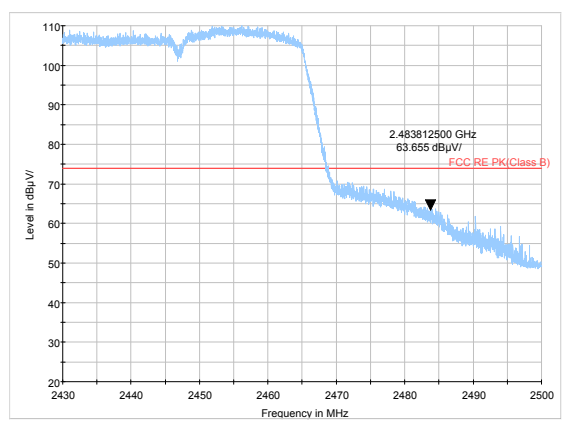
802.11n HT20-Channel 48: Average



802.11n HT40-Channel 38: Peak

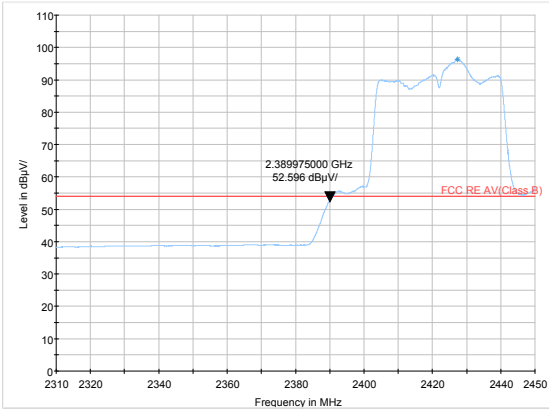


802.11n HT40-Channel 46: Peak

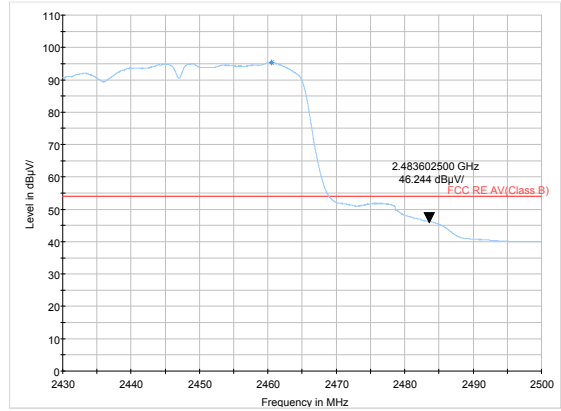




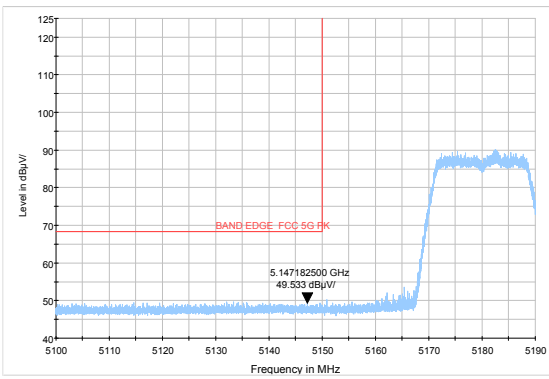
802.11n HT40-Channel 38: Average



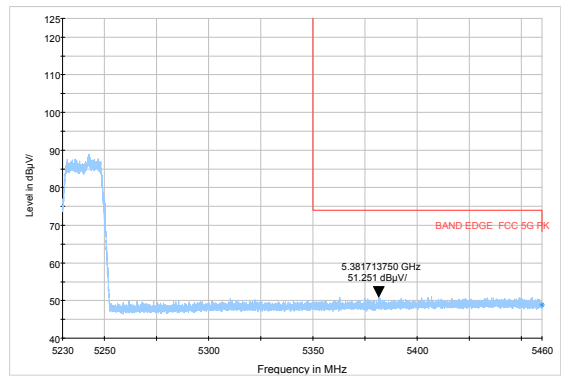
802.11n HT40-Channel 46: Average



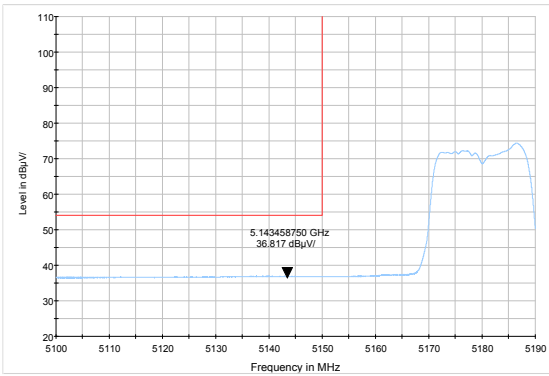
802.11ac HT20 -Channel 36: Peak



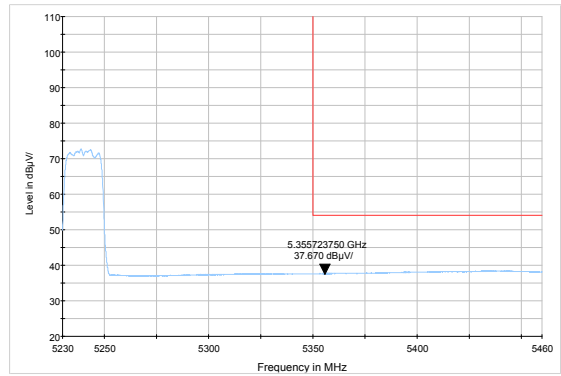
802.11ac HT20 -Channel 48: Peak



802.11ac HT20-Channel 36: Average

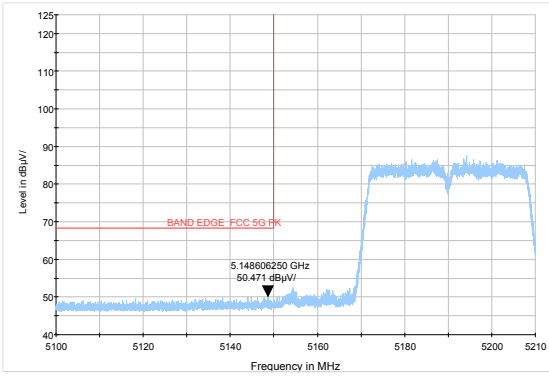


802.11ac HT20 -Channel 48: Average

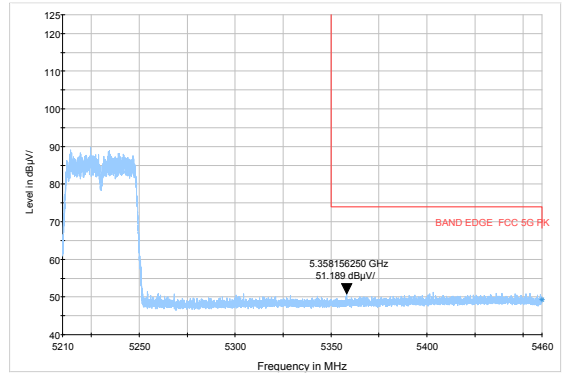




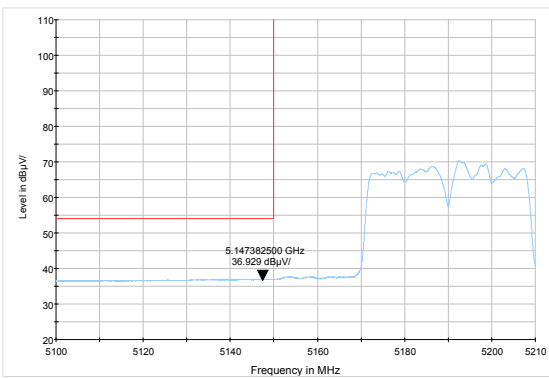
802.11ac HT40-Channel 38: Peak



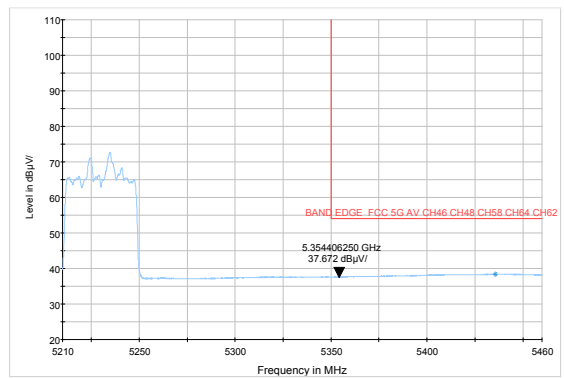
802.11ac HT40-Channel 46: Peak



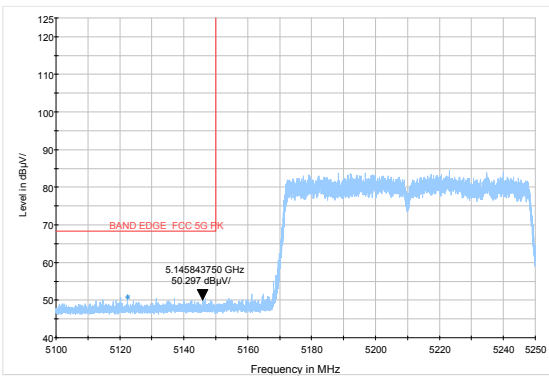
802.11ac HT40-Channel 38: Average



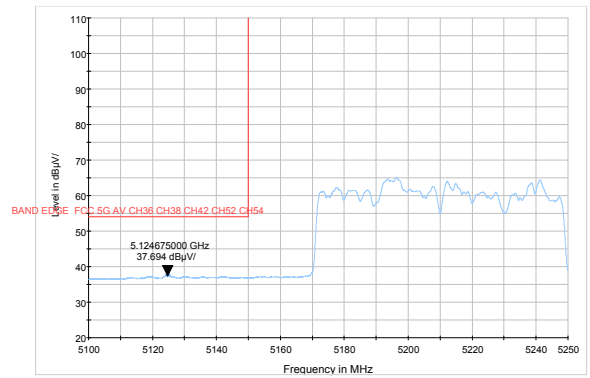
802.11ac HT40-Channel 46: Average



802.11ac HT80 -Channel 42: Peak



802.11ac HT80- Channel 42: Average

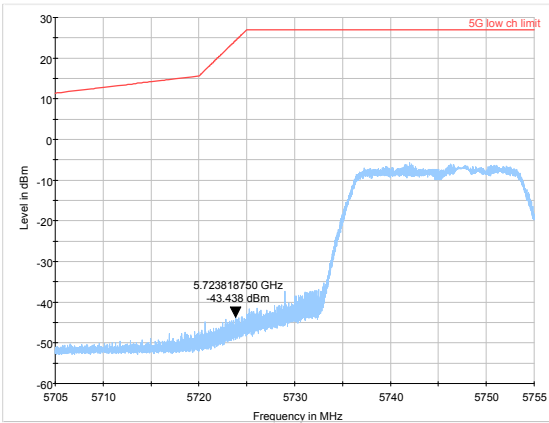




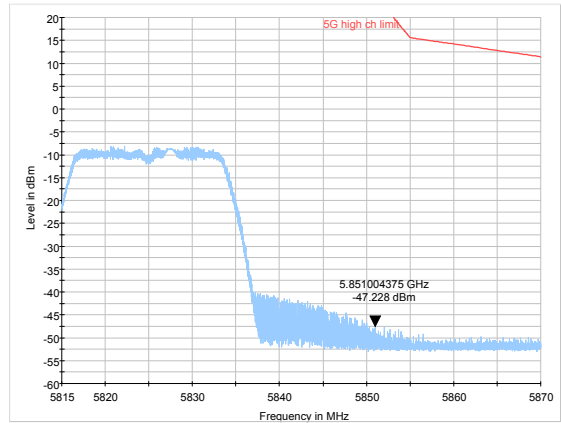


U-NII-3

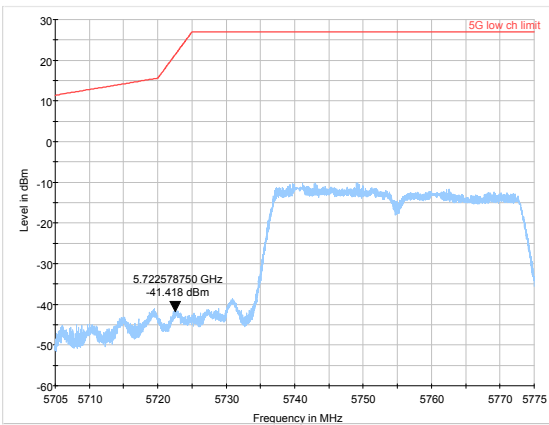
802.11n HT20-Channel 149: Peak



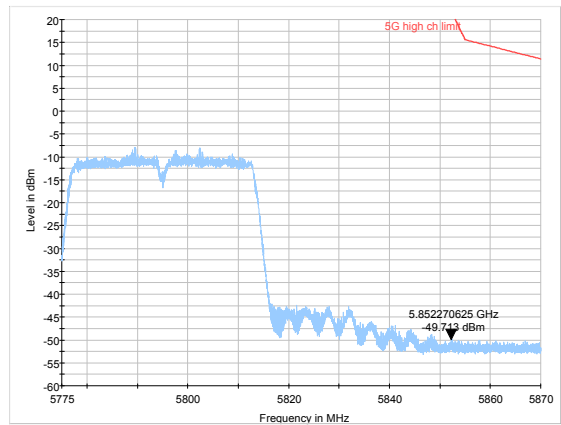
802.11n HT20-Channel 165: Peak



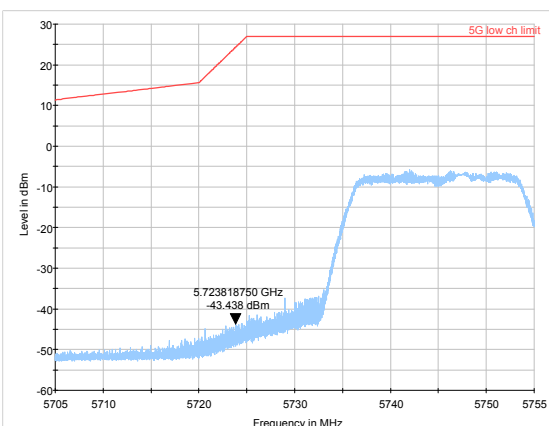
802.11n HT40-Channel 151: Peak



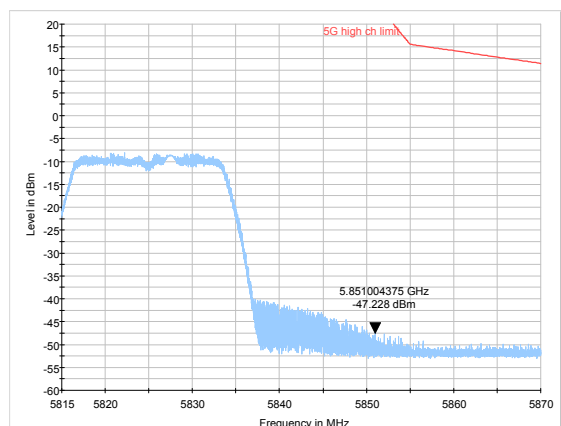
802.11n HT40-Channel 159: Peak



802.11ac HT20-Channel 149: Peak

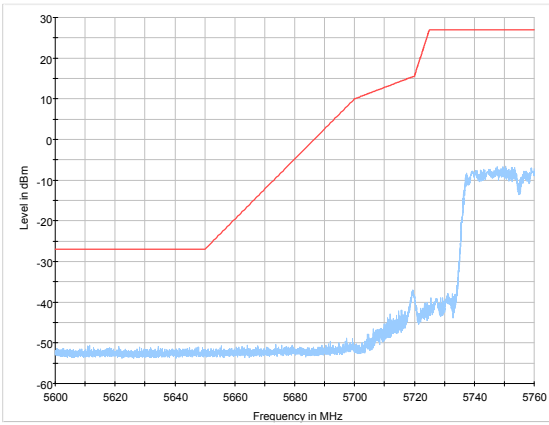


802.11ac HT20-Channel 165: Peak

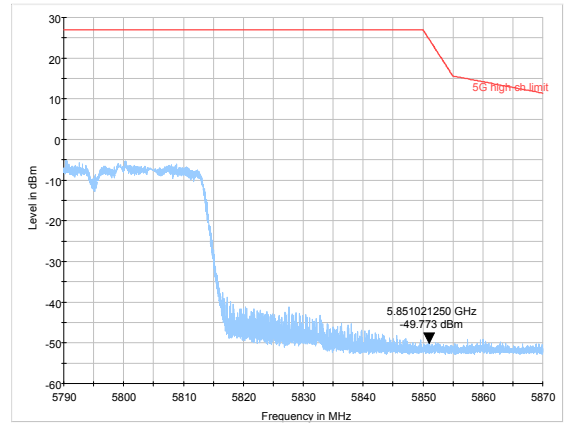




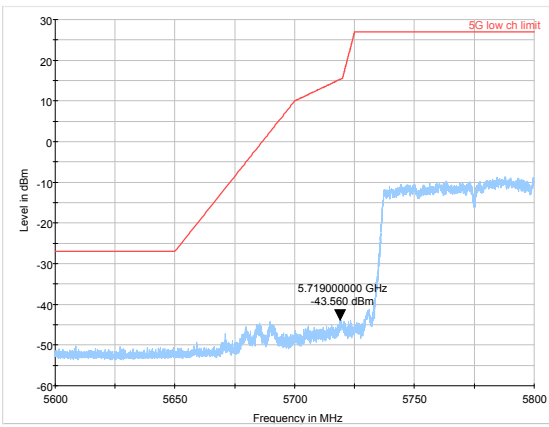
802.11ac HT40-Channel 151: Peak



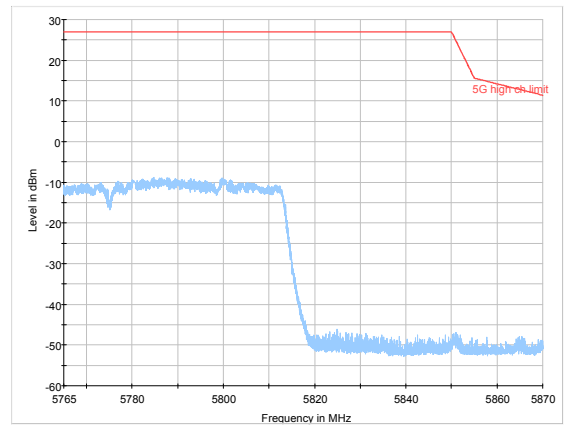
802.11ac HT40-Channel 159: Peak



802.11ac HT80- Channel 155: Peak



802.11ac HT80- Channel 155: Peak



**Result of RE**

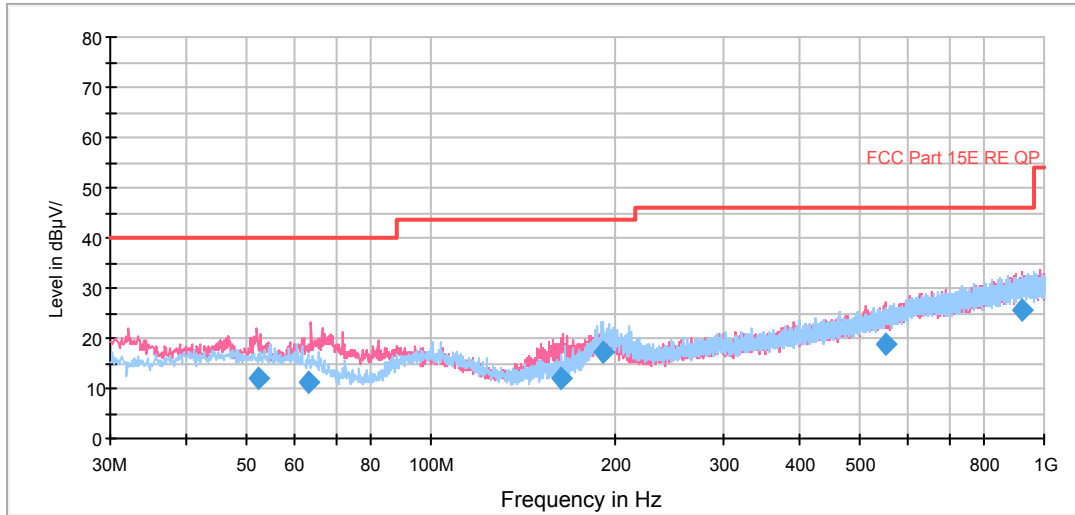
**Test result**

Sweep the whole frequency band through the range from 9kHz to the 10th harmonic of the carrier, and 9KHz-30MHz, the emissions more than 20 dB below the permissible value are not reported.

**SISO Antenna 1**

**802.11a CH36**

FCC RE 0.03-1GHz QP Class B

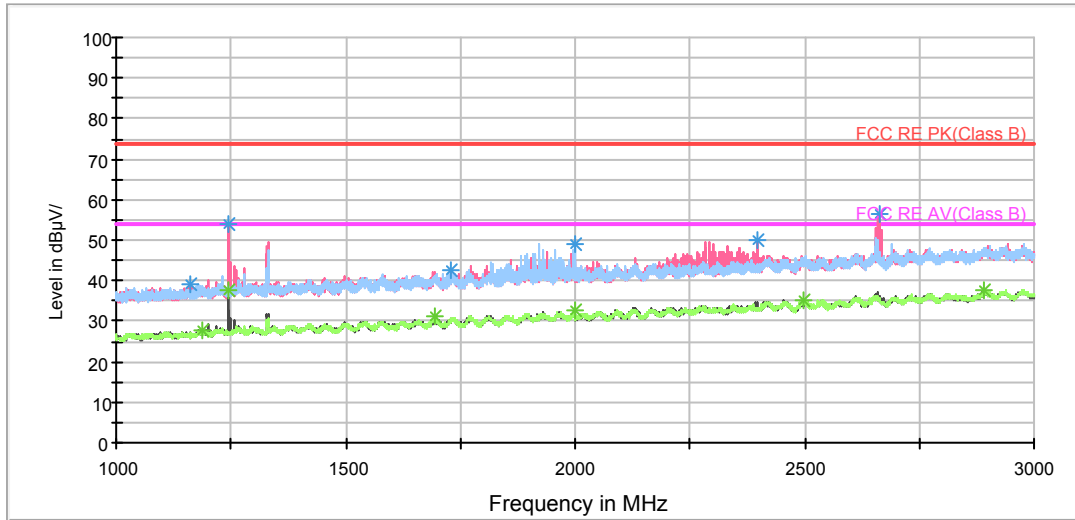


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
52.507500	12.1	100.0	V	230.0	-0.9	13.0	27.9	40.0
63.308750	11.2	100.0	V	293.0	0.0	11.2	28.8	40.0
163.300000	11.9	100.0	V	22.0	2.0	9.9	31.6	43.5
191.062500	17.2	100.0	H	292.0	5.6	11.6	26.3	43.5
549.998750	18.8	125.0	V	349.0	-2.8	21.6	27.2	46.0
917.231250	25.7	100.0	V	202.0	-1.3	27.0	20.3	46.0

- Remark:**
1. Quasi-Peak = Reading value + Correction factor
  2. Correction Factor = Antenna factor+ Insertion loss(cable loss+amplifier gain)
  3. Margin = Limit – Quasi-Peak

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1161.250000	26.4	100.0	V	147.0	34.7	-8.3	47.6	74
1244.750000	37.4	100.0	V	164.0	45.4	-8.0	36.6	74
1730.750000	30.1	100.0	V	137.0	35.0	-4.9	43.9	74
1998.000000	32.6	100.0	H	88.0	36.0	-3.4	41.4	74
2397.000000	34.7	100.0	V	224.0	36.0	-1.3	39.3	74
2663.250000	35.6	100.0	V	182.0	35.3	0.3	38.4	74

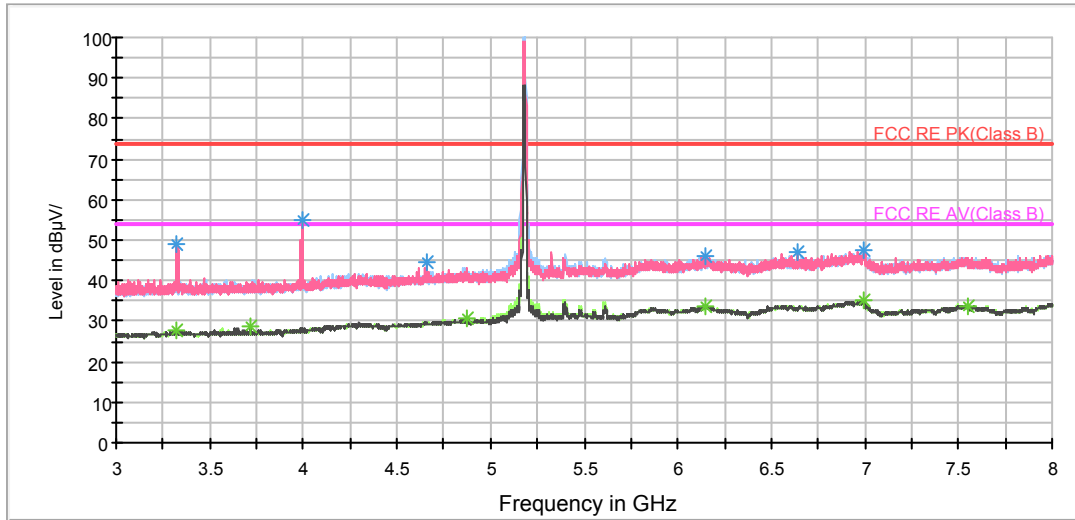
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1189.000000	27.8	100.0	V	172.0	36.0	-8.2	26.2	54
1244.750000	37.4	100.0	V	164.0	45.4	-8.0	16.6	54
1695.000000	31.1	100.0	H	112.0	36.1	-5.0	22.9	54
1998.000000	32.6	100.0	H	88.0	36.0	-3.4	21.4	54
2496.750000	35.0	100.0	V	268.0	35.0	0.0	19.0	54
2892.000000	37.9	100.0	H	29.0	35.8	2.1	16.1	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.  
Radiates Emission from 3GHz to 8GHz

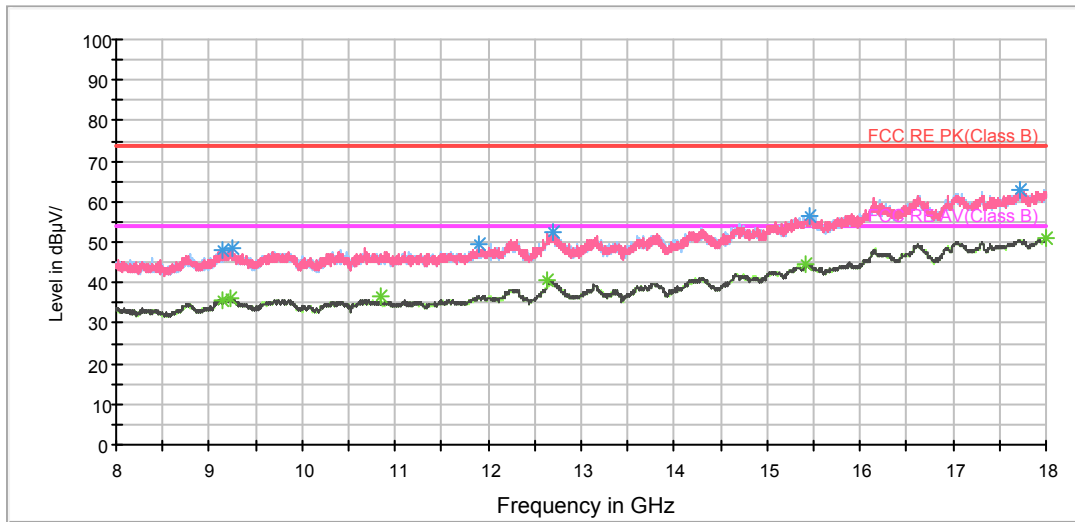
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3318.750000	49.0	100.0	V	237.0	51.1	-2.1	25.0	74
3998.125000	54.7	100.0	V	186.0	55.8	-1.1	19.3	74
4659.375000	44.3	100.0	V	0.0	43.6	0.7	29.7	74
6146.250000	46.1	100.0	V	0.0	40.6	5.5	27.9	74
6641.250000	47.2	100.0	V	36.0	41.7	5.5	26.8	74
6989.375000	47.5	100.0	H	92.0	41.1	6.4	26.5	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3318.750000	27.6	100.0	V	237.0	29.7	-2.1	26.4	54
3715.625000	28.9	100.0	V	102.0	30.5	-1.6	25.1	54
4873.750000	30.6	100.0	H	212.0	28.8	1.8	23.4	54
6148.750000	33.8	100.0	H	0.0	28.3	5.5	20.2	54
6993.750000	35.1	100.0	V	2.0	28.6	6.5	18.9	54
7553.125000	33.4	100.0	H	0.0	26.4	7.0	20.6	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 3-18GHz PK+AV



Radiates Emission from 8GHz to 18GHz

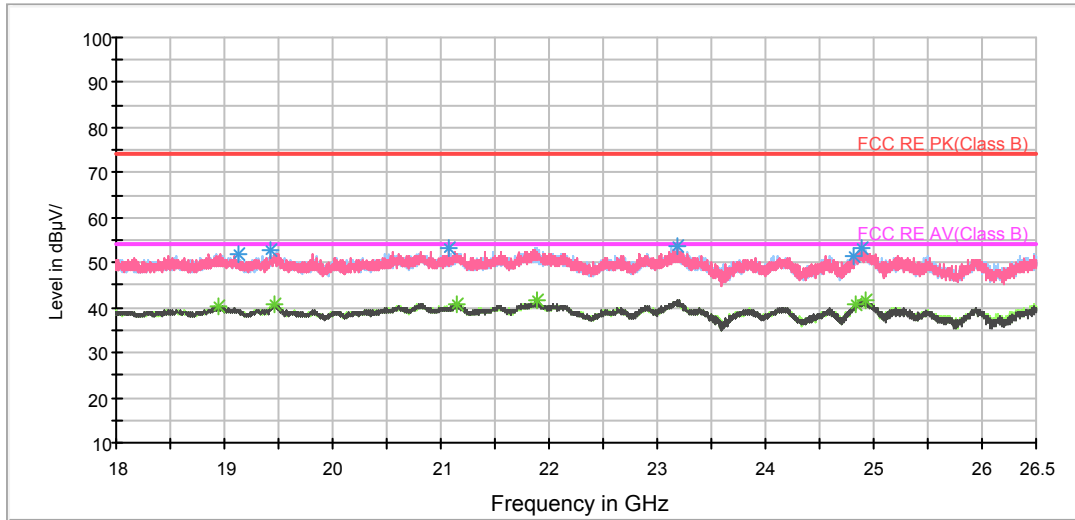
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9146.250000	48.3	100.0	H	331.0	38.2	10.1	25.7	74
9243.750000	48.4	100.0	H	0.0	38.6	9.8	25.6	74
11893.750000	49.3	100.0	V	122.0	37.2	12.1	24.7	74
12690.000000	52.7	100.0	H	313.0	38.5	14.2	21.3	74
15448.750000	56.4	100.0	H	277.0	36.9	19.5	17.6	74
17726.250000	62.9	100.0	V	0.0	38.5	24.4	11.1	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9152.500000	35.7	100.0	H	0.0	25.5	10.2	18.3	54
9238.750000	36.2	100.0	H	187.0	26.3	9.9	17.8	54
10847.500000	36.8	100.0	H	114.0	26.6	10.2	17.2	54
12640.000000	40.6	100.0	V	0.0	26.0	14.6	13.4	54
15417.500000	44.4	100.0	V	28.0	25.1	19.3	9.6	54
17998.750000	51.0	100.0	H	352.0	25.6	25.4	3.0	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

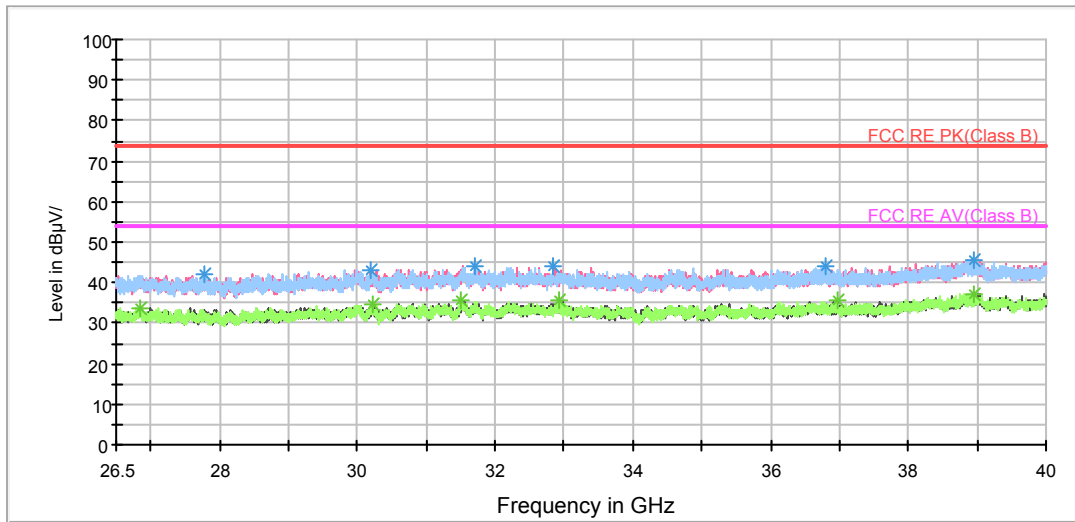
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
19128.375000	52.1	H	270.0	52.6	-0.5	21.9	74
19426.937500	52.9	H	246.0	52.9	0.0	21.1	74
21070.625000	53.0	V	90.0	54.5	-1.5	21.0	74
23193.500000	53.7	H	127.0	53.8	-0.1	20.3	74
24820.187500	51.6	H	228.0	51.4	0.2	22.4	74
24896.687500	53.4	H	263.0	52.8	0.6	20.6	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18939.250000	40.2	H	174.0	40.2	0.0	13.8	54
19466.250000	40.7	H	263.0	40.6	0.1	13.3	54
21151.375000	40.9	H	202.0	42.3	-1.4	13.1	54
21887.687500	41.8	H	127.0	43.4	-1.6	12.2	54
24840.375000	40.7	V	102.0	40.4	0.3	13.3	54
24916.875000	41.6	H	255.0	40.9	0.7	12.4	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27777.437500	42.1	H	90.0	43.6	-1.5	31.9	74
30199.000000	43.1	V	222.0	43.5	-0.4	30.9	74
31711.000000	44.1	H	157.0	44.6	-0.5	29.9	74
32855.125000	44.2	H	90.0	45.0	-0.8	29.8	74
36785.312500	44.2	H	90.0	44.3	-0.1	29.8	74
38958.812500	45.8	V	90.0	42.8	3.0	28.2	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
26851.000000	33.8	V	184.0	34.5	-0.7	20.2	54
30217.562500	34.4	H	108.0	34.8	-0.4	19.6	54
31508.500000	35.6	H	128.0	36.1	-0.5	18.4	54
32927.687500	35.6	H	97.0	36.4	-0.8	18.4	54
36967.562500	35.7	V	174.0	35.8	-0.1	18.3	54
38962.187500	37.2	H	97.0	34.2	3.0	16.8	54

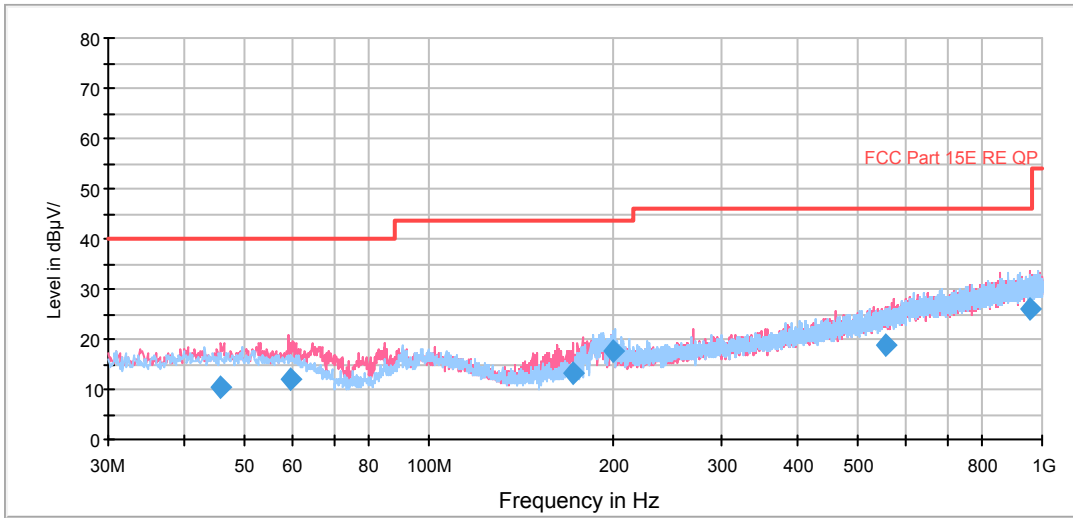
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)





802.11a CH40

FCC RE 0.03-1GHz QP Class B

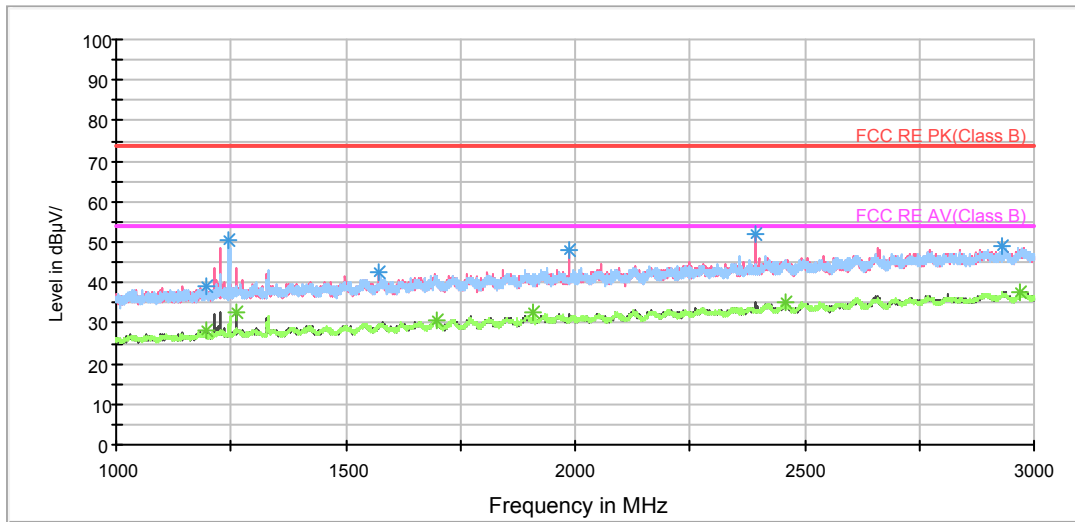


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
45.683750	10.6	100.0	V	167.0	-2.6	13.2	29.4	40.0
59.540000	12.0	125.0	V	0.0	-0.6	12.6	28.0	40.0
171.862500	13.3	100.0	V	239.0	2.7	10.6	30.2	43.5
200.560000	17.5	125.0	H	86.0	5.3	12.2	26.0	43.5
555.978750	19.0	113.0	V	239.0	-2.8	21.8	27.0	46.0
955.256250	26.1	114.0	V	41.0	-1.2	27.3	19.9	46.0

- Remark: 1. Quasi-Peak = Reading value + Correction factor  
 2. Correction Factor = Antenna factor+ Insertion loss(cable loss+amplifier gain)  
 3. Margin = Limit – Quasi-Peak

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

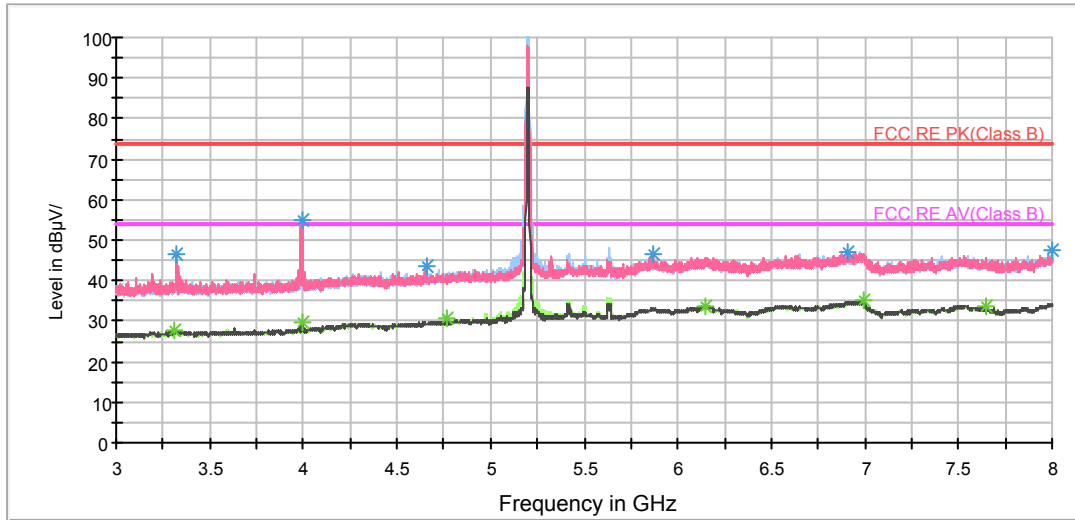
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1194.500000	26.9	100.0	H	212.0	35.1	-8.2	47.1	74
1245.750000	29.7	100.0	H	148.0	37.7	-8.0	44.3	74
1572.000000	29.3	100.0	V	217.0	35.8	-6.5	44.7	74
1988.750000	32.3	100.0	V	176.0	35.8	-3.5	41.7	74
2393.500000	34.1	100.0	V	234.0	35.4	-1.3	39.9	74
2932.250000	36.7	100.0	V	190.0	34.9	1.8	37.3	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1198.500000	28.0	100.0	V	261.0	36.2	-8.2	26.0	54
1261.500000	32.7	100.0	V	252.0	40.5	-7.8	21.3	54
1698.000000	30.8	100.0	H	111.0	35.8	-5.0	23.2	54
1907.000000	32.5	100.0	H	102.0	36.3	-3.8	21.5	54
2457.250000	35.0	100.0	H	111.0	35.5	-0.5	19.0	54
2971.500000	37.9	100.0	V	313.0	35.7	2.2	16.1	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.  
Radiates Emission from 3GHz to 8GHz

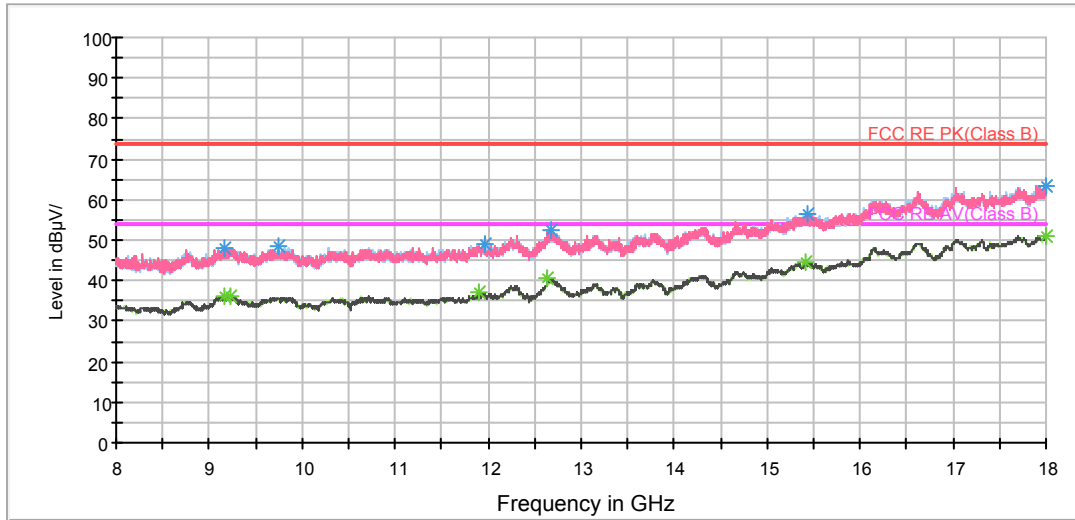
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3325.625000	46.5	101.0	V	137.0	48.6	-2.1	27.5	74
3998.750000	54.7	101.0	V	20.0	55.8	-1.1	19.3	74
4657.500000	43.4	101.0	V	120.0	42.6	0.8	30.6	74
5866.250000	46.7	101.0	V	37.0	41.8	4.9	27.3	74
6907.500000	47.2	101.0	H	157.0	41.0	6.2	26.8	74
7998.125000	47.7	101.0	V	188.0	40.4	7.3	26.3	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3315.000000	27.5	101.0	V	4.0	29.6	-2.1	26.5	54
3999.375000	29.5	101.0	V	239.0	30.6	-1.1	24.5	54
4770.000000	30.9	101.0	H	359.0	29.8	1.1	23.1	54
6151.875000	33.6	101.0	H	157.0	28.1	5.5	20.4	54
6996.250000	35.0	101.0	V	4.0	28.5	6.5	19.0	54
7646.250000	33.4	101.0	H	106.0	26.5	6.9	20.6	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 3-18GHz PK+AV



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9156.250000	47.9	150.0	H	276.0	37.6	10.3	26.1	74
9737.500000	48.3	150.0	H	93.0	38.3	10.0	25.7	74
11962.500000	48.9	150.0	V	67.0	37.1	11.8	25.1	74
12677.500000	52.6	150.0	H	331.0	38.4	14.2	21.4	74
15425.000000	56.7	150.0	V	31.0	37.3	19.4	17.3	74
17991.250000	63.5	150.0	V	0.0	38.3	25.2	10.5	74

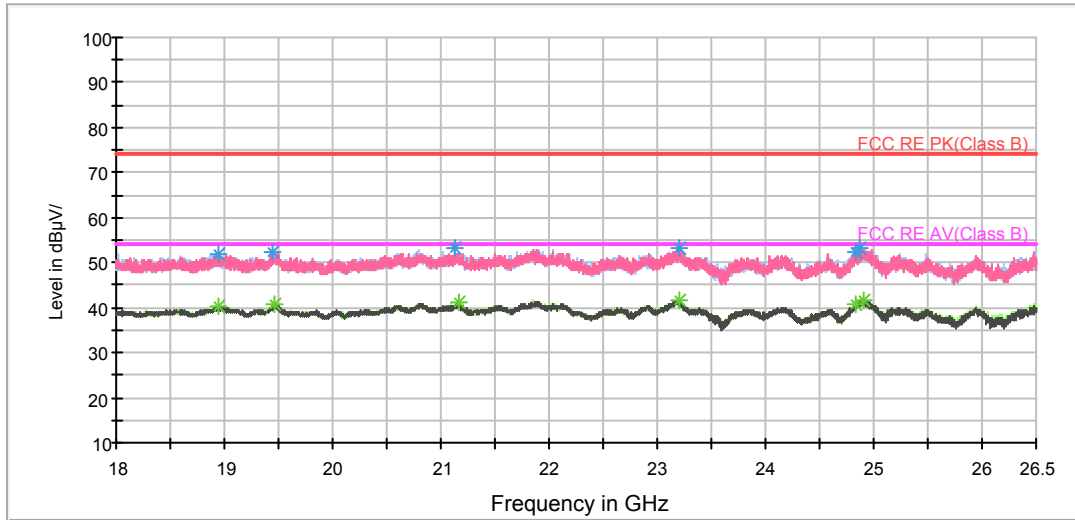
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9155.000000	36.0	150.0	V	13.0	25.7	10.3	18.0	54
9233.750000	36.3	150.0	V	212.0	26.4	9.9	17.7	54
11900.000000	37.2	150.0	V	85.0	24.9	12.3	16.8	54
12637.500000	40.5	150.0	V	195.0	26.2	14.3	13.5	54
15418.750000	44.4	150.0	V	31.0	25.0	19.4	9.6	54
17998.750000	51.2	150.0	H	185.0	25.8	25.4	2.8	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

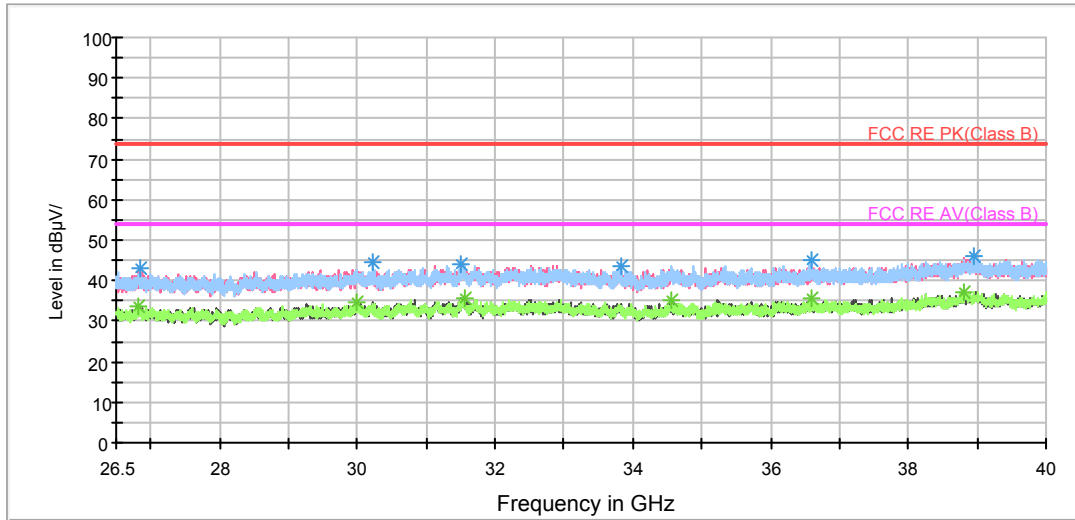
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18947.750000	51.7	H	229.0	51.7	0.0	22.3	74
19452.437500	52.2	V	90.0	52.2	0.0	21.8	74
21129.062500	53.4	H	270.0	54.8	-1.4	20.6	74
23199.875000	53.2	H	137.0	53.3	-0.1	20.8	74
24824.437500	52.3	V	270.0	52.1	0.2	21.7	74
24872.250000	53.1	H	270.0	52.7	0.4	20.9	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18937.125000	40.2	H	256.0	40.2	0.0	13.8	54
19466.250000	40.6	V	93.0	40.5	0.1	13.4	54
21160.937500	41.0	H	155.0	42.5	-1.5	13.0	54
23198.812500	41.5	H	238.0	41.6	-0.1	12.5	54
24840.375000	40.9	V	111.0	40.6	0.3	13.1	54
24914.750000	41.8	V	176.0	41.1	0.7	12.2	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
26840.875000	42.9	H	90.0	43.6	-0.7	31.1	74
30232.750000	44.6	H	119.0	45.0	-0.4	29.4	74
31505.125000	44.0	H	129.0	44.5	-0.5	30.0	74
33835.562500	43.6	H	187.0	44.9	-1.3	30.4	74
36598.000000	44.9	H	90.0	45.0	-0.1	29.1	74
38955.437500	46.1	H	148.0	43.1	3.0	27.9	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

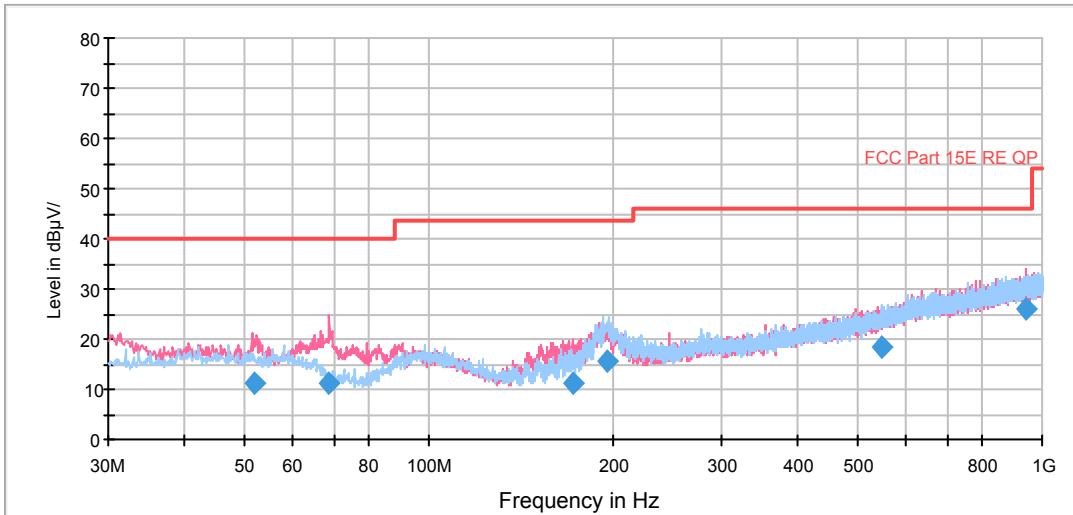
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
26832.437500	33.7	H	90.0	34.4	-0.7	20.3	54
29981.312500	34.6	H	110.0	35.0	-0.4	19.4	54
31570.937500	35.8	V	270.0	36.3	-0.5	18.2	54
34546.000000	35.4	V	270.0	36.4	-1.0	18.6	54
36592.937500	35.5	H	110.0	35.6	-0.1	18.5	54
38793.437500	37.3	H	100.0	34.6	2.7	16.7	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



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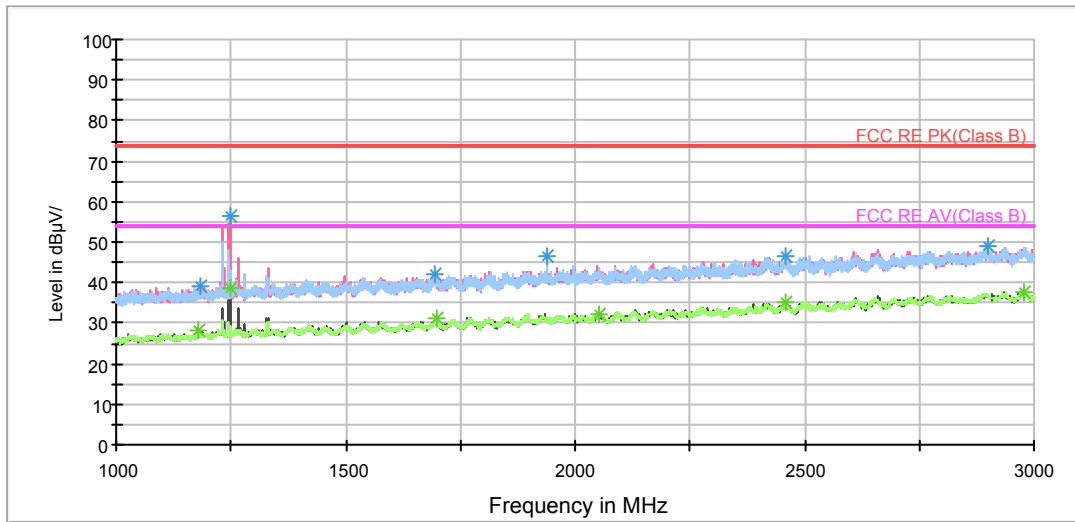


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
52.142500	11.3	100.0	V	212.0	-1.6	12.9	28.7	40.0
68.800000	11.0	114.0	V	218.0	1.9	9.1	29.0	40.0
171.537500	11.4	125.0	V	190.0	0.9	10.5	32.1	43.5
196.032500	15.5	100.0	H	94.0	3.7	11.8	28.0	43.5
547.978750	18.6	100.0	H	134.0	-2.9	21.5	27.4	46.0
943.898750	26.0	125.0	V	127.0	-1.2	27.2	20.0	46.0

- Remark: 1. Quasi-Peak = Reading value + Correction factor  
 2. Correction Factor = Antenna factor+ Insertion loss(cable loss+amplifier gain)  
 3. Margin = Limit – Quasi-Peak

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

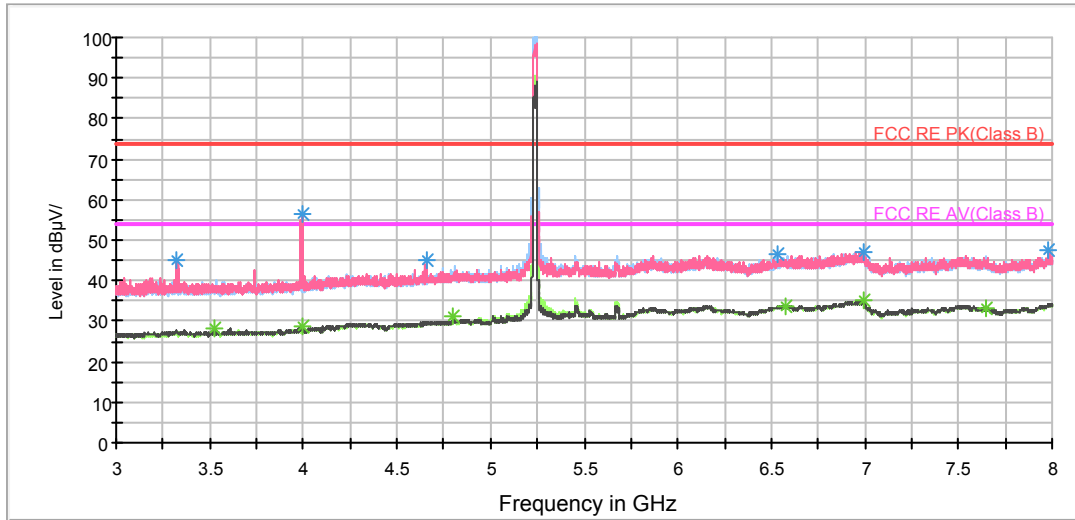
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1183.250000	27.0	100.0	H	13.0	35.0	-8.0	47.0	74
1249.500000	38.8	100.0	V	209.0	46.8	-8.0	35.2	74
1693.000000	30.4	100.0	H	108.0	35.4	-5.0	43.6	74
1938.500000	31.0	100.0	H	99.0	34.7	-3.7	43.0	74
2459.750000	34.7	100.0	V	313.0	35.2	-0.5	39.3	74
2897.500000	36.9	100.0	H	152.0	34.8	2.1	37.1	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1179.500000	28.1	100.0	V	226.0	36.1	-8.0	25.9	54
1249.500000	38.8	100.0	V	209.0	46.8	-8.0	15.2	54
1697.000000	31.1	100.0	H	117.0	36.1	-5.0	22.9	54
2051.250000	32.4	100.0	V	209.0	35.6	-3.2	21.6	54
2460.000000	35.1	100.0	V	0.0	35.6	-0.5	18.9	54
2978.750000	37.7	100.0	H	0.0	35.5	2.2	16.3	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.  
Radiates Emission from 3GHz to 8GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3324.375000	44.8	101.0	V	122.0	46.9	-2.1	29.2	74
3998.750000	56.5	101.0	V	205.0	57.6	-1.1	17.5	74
4659.375000	45.0	101.0	V	122.0	44.3	0.7	29.0	74
6533.125000	46.4	101.0	H	0.0	41.0	5.4	27.6	74
6998.750000	47.1	101.0	H	237.0	40.6	6.5	26.9	74
7975.625000	47.3	101.0	V	239.0	40.0	7.3	26.7	74

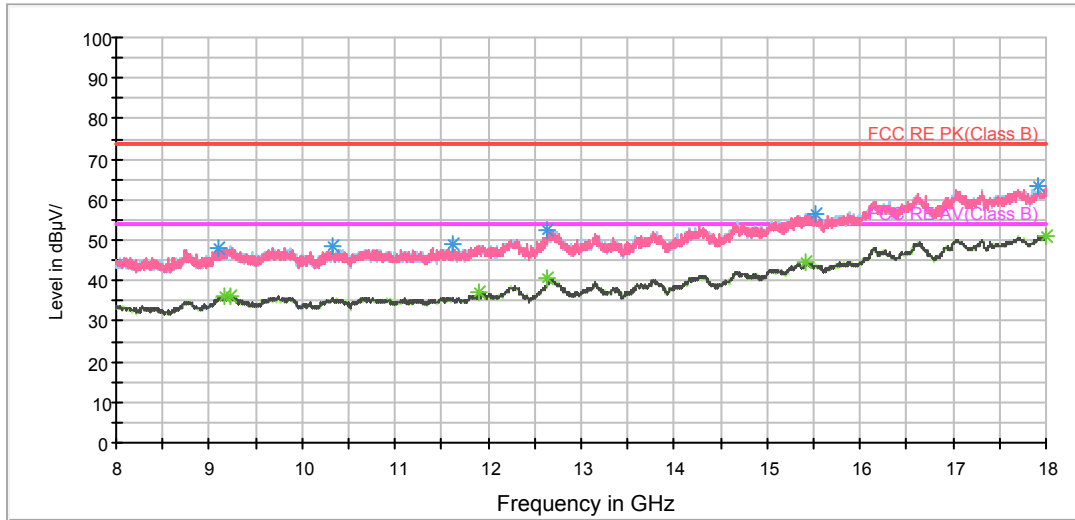
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3519.375000	28.2	101.0	V	53.0	30.2	-2.0	25.8	54
3992.500000	28.9	101.0	V	102.0	29.9	-1.0	25.1	54
4795.625000	31.2	101.0	H	0.0	30.0	1.2	22.8	54
6571.875000	33.7	101.0	H	354.0	28.1	5.6	20.3	54
6998.125000	35.1	101.0	H	287.0	28.6	6.5	18.9	54
7649.375000	33.3	101.0	H	134.0	26.4	6.9	20.7	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



RE 3-18GHz PK+AV



Radiates Emission from 8GHz to 18GHz

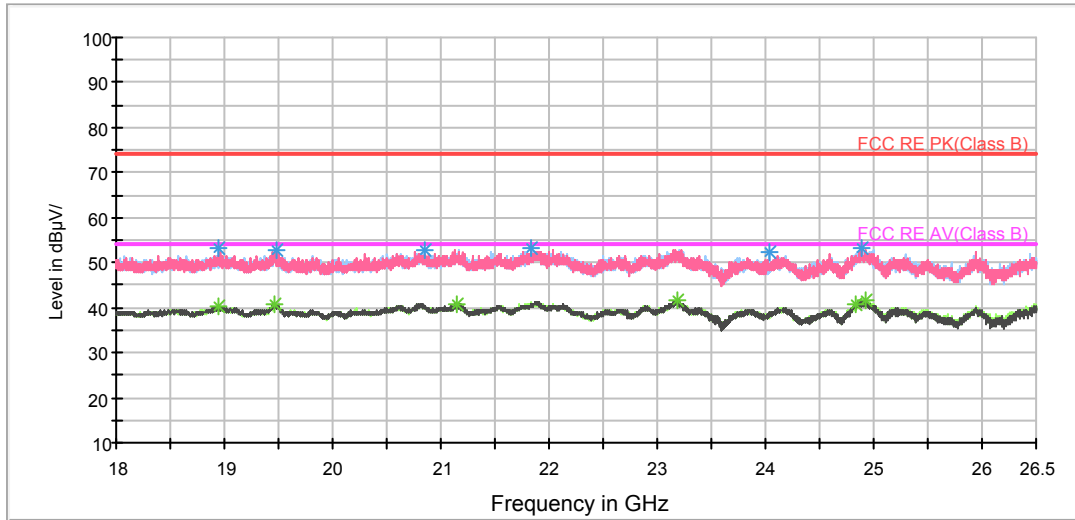
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9103.750000	48.2	150.0	H	0.0	38.6	9.6	25.8	74
10335.000000	48.4	150.0	H	130.0	38.5	9.9	25.6	74
11623.750000	48.9	150.0	V	267.0	37.7	11.2	25.1	74
12643.750000	52.5	150.0	V	29.0	38.1	14.4	21.5	74
15525.000000	56.2	150.0	V	0.0	36.8	19.4	17.8	74
17922.500000	63.2	150.0	V	0.0	37.5	25.7	10.8	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9155.000000	35.9	150.0	H	258.0	25.6	10.3	18.1	54
9232.500000	36.2	150.0	V	68.0	26.3	9.9	17.8	54
11900.000000	37.0	150.0	V	0.0	24.7	12.3	17.0	54
12640.000000	40.6	150.0	V	0.0	26.0	14.6	13.4	54
15413.750000	44.4	150.0	H	0.0	25.2	19.2	9.6	54
17998.750000	51.0	150.0	H	0.0	25.6	25.4	3.0	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

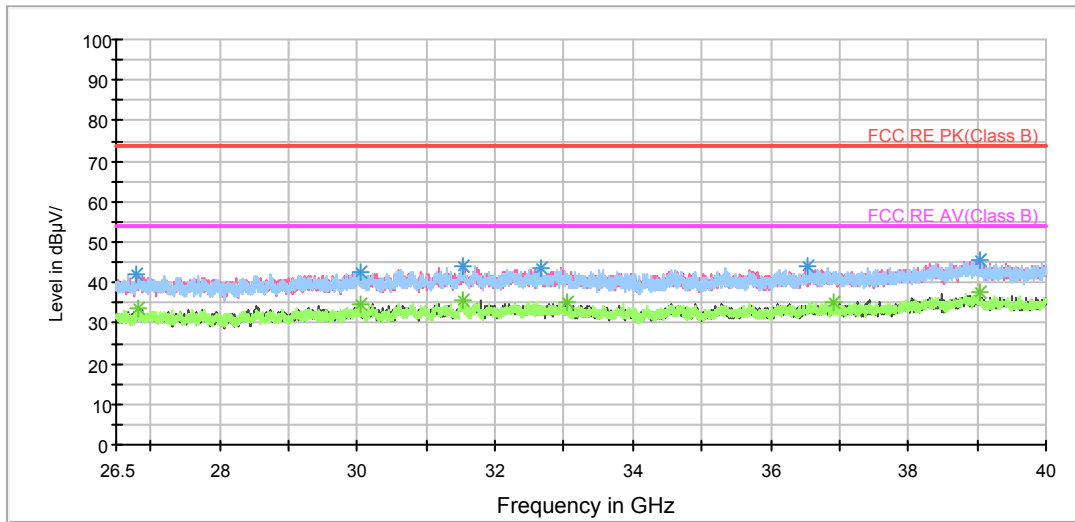
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18945.625000	53.3	H	192.0	53.3	0.0	20.7	74
19476.875000	52.6	H	228.0	52.5	0.1	21.4	74
20849.625000	53.0	H	219.0	55.2	-2.2	21.0	74
21840.937500	53.2	V	148.0	55.1	-1.9	20.8	74
24040.312500	52.2	H	228.0	52.6	-0.4	21.8	74
24880.750000	53.4	V	112.0	52.9	0.5	20.6	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18943.500000	40.1	V	139.0	40.1	0.0	13.9	54
19471.562500	40.7	V	90.0	40.6	0.1	13.3	54
21147.125000	40.8	H	155.0	42.2	-1.4	13.2	54
23188.187500	41.5	H	228.0	41.6	-0.1	12.5	54
24841.437500	40.7	V	90.0	40.4	0.3	13.3	54
24916.875000	41.8	H	90.0	41.1	0.7	12.2	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
26793.625000	41.9	V	140.0	42.6	-0.7	32.1	74
30064.000000	42.4	V	140.0	42.8	-0.4	31.6	74
31520.312500	44.2	H	150.0	44.7	-0.5	29.8	74
32656.000000	43.4	H	118.0	44.1	-0.7	30.6	74
36545.687500	43.9	V	199.0	44.0	-0.1	30.1	74
39038.125000	45.6	H	240.0	42.6	3.0	28.4	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

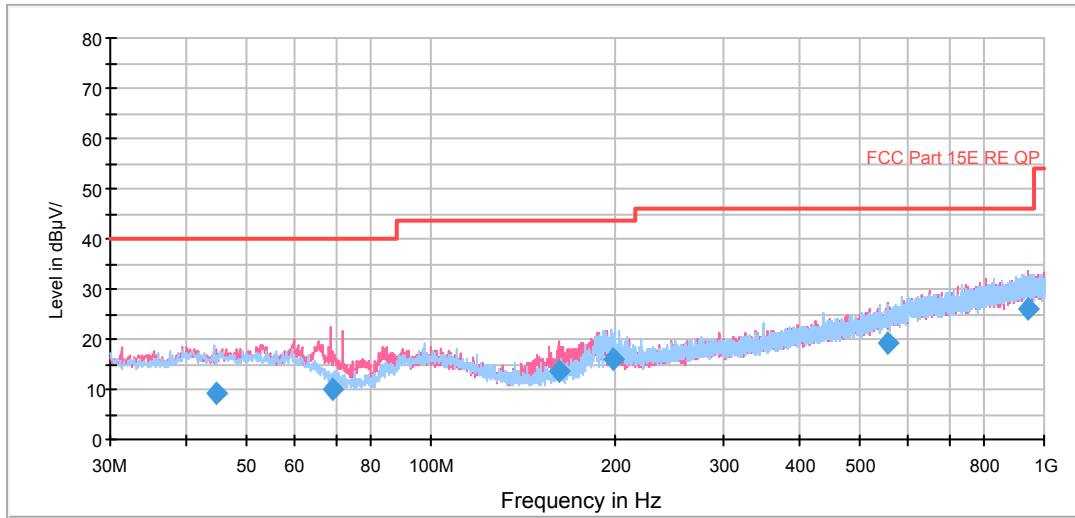
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
26815.562500	33.6	V	119.0	34.3	-0.7	20.4	54
30043.750000	34.9	V	96.0	35.3	-0.4	19.1	54
31538.875000	35.5	V	238.0	36.0	-0.5	18.5	54
33035.687500	35.2	H	188.0	36.1	-0.9	18.8	54
36911.875000	35.2	H	219.0	35.3	-0.1	18.8	54
39039.812500	37.6	H	159.0	34.6	3.0	16.4	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



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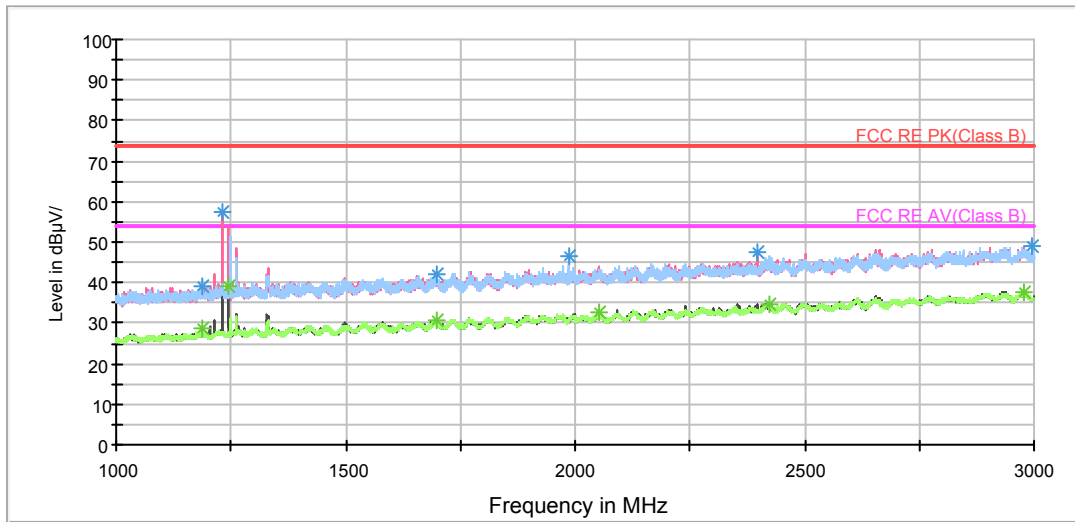


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
44.787500	9.3	100.0	H	356.0	-3.8	13.1	30.7	40.0
69.038750	10.2	100.0	V	51.0	1.2	9.0	29.8	40.0
161.713750	13.6	100.0	V	236.0	3.7	9.9	29.9	43.5
198.127500	15.9	125.0	H	306.0	3.9	12.0	27.6	43.5
557.153750	19.1	100.0	V	51.0	-2.7	21.8	26.9	46.0
943.538750	26.0	114.0	V	11.0	-1.2	27.2	20.0	46.0

- Remark: 1. Quasi-Peak = Reading value + Correction factor  
 2. Correction Factor = Antenna factor+ Insertion loss(cable loss+amplifier gain)  
 3. Margin = Limit – Quasi-Peak

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1186.500000	27.1	100.0	V	135.0	35.2	-8.1	46.9	74
1231.250000	37.5	100.0	V	225.0	45.3	-7.8	36.5	74
1698.250000	30.1	100.0	H	197.0	35.1	-5.0	43.9	74
1984.750000	30.4	100.0	H	188.0	34.2	-3.8	43.6	74
2397.500000	34.7	100.0	V	215.0	36.0	-1.3	39.3	74
2997.750000	35.9	100.0	V	225.0	33.6	2.3	38.1	74

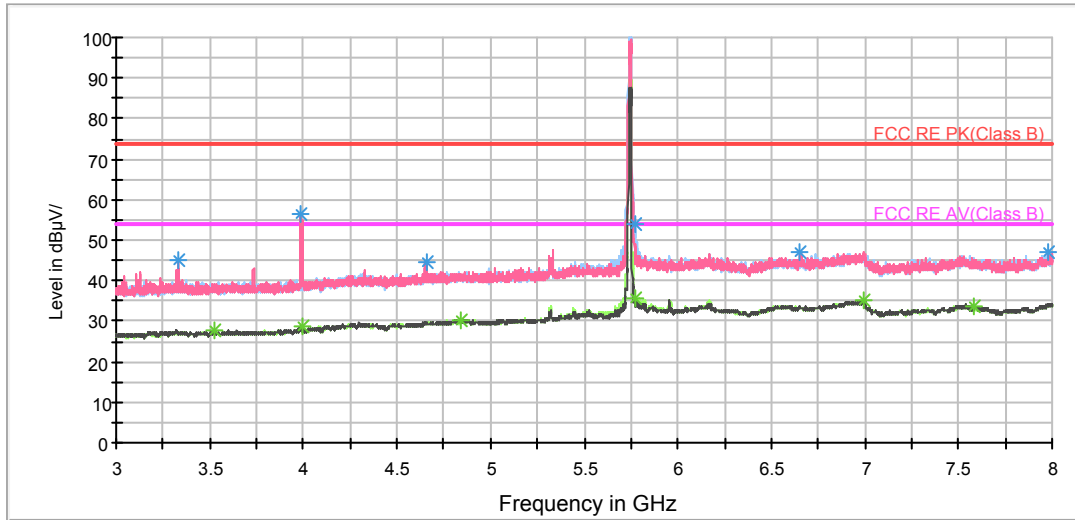
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1188.750000	28.6	100.0	V	242.0	36.8	-8.2	25.4	54
1246.250000	39.3	100.0	V	234.0	47.3	-8.0	14.7	54
1698.500000	30.8	100.0	V	252.0	35.8	-5.0	23.2	54
2052.250000	32.4	100.0	V	0.0	35.6	-3.2	21.6	54
2425.500000	34.8	100.0	V	0.0	35.3	-0.5	19.2	54
2977.500000	37.5	100.0	V	225.0	35.3	2.2	16.5	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.  
Radiates Emission from 3GHz to 8GHz

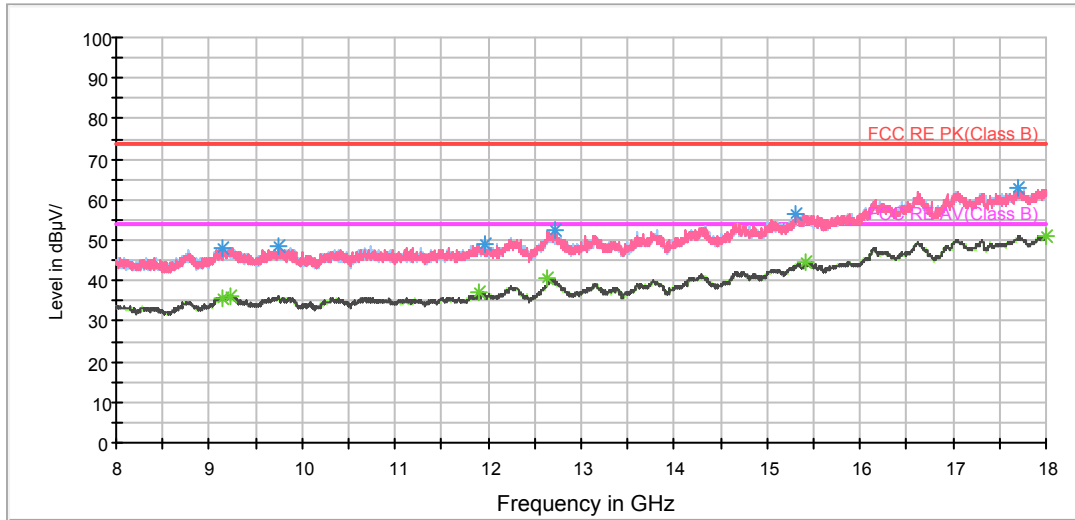
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3328.125000	44.9	101.0	V	224.0	47.1	-2.2	29.1	74
3985.625000	56.3	101.0	V	207.0	57.3	-1.0	17.7	74
4660.000000	44.7	101.0	V	55.0	44.0	0.7	29.3	74
5771.875000	53.9	101.0	H	0.0	50.1	3.8	20.1	74
6656.250000	47.0	101.0	V	39.0	41.5	5.5	27.0	74
7978.125000	47.1	101.0	V	189.0	39.7	7.4	26.9	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3520.000000	27.9	101.0	V	55.0	29.9	-2.0	26.1	54
3990.625000	28.9	101.0	V	172.0	29.9	-1.0	25.1	54
4843.125000	30.2	101.0	H	0.0	28.6	1.6	23.8	54
5772.500000	35.7	101.0	H	0.0	31.9	3.8	18.3	54
6996.875000	35.0	101.0	V	0.0	28.5	6.5	19.0	54
7577.500000	33.5	101.0	H	271.0	26.4	7.1	20.5	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 3-18GHz PK+AV



Radiates Emission from 8GHz to 18GHz

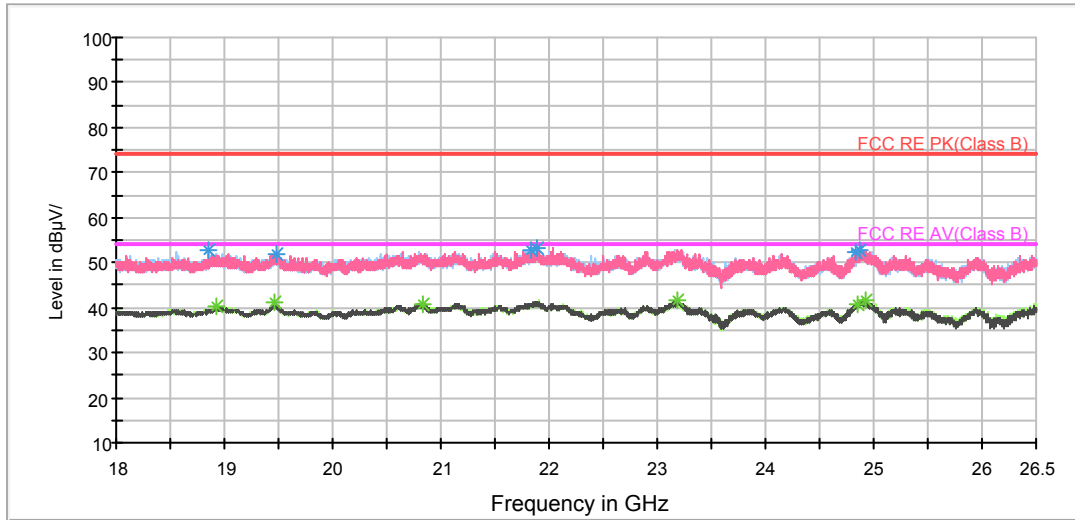
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9152.500000	48.1	150.0	H	221.0	37.9	10.2	25.9	74
9756.250000	48.3	150.0	V	158.0	38.6	9.7	25.7	74
11971.250000	48.8	150.0	H	0.0	37.1	11.7	25.2	74
12715.000000	52.6	150.0	V	0.0	38.7	13.9	21.4	74
15311.250000	56.6	150.0	V	103.0	38.2	18.4	17.4	74
17700.000000	62.9	150.0	V	140.0	38.2	24.7	11.1	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9132.500000	35.8	150.0	V	85.0	25.8	10.0	18.2	54
9236.250000	36.4	150.0	H	0.0	26.5	9.9	17.6	54
11898.750000	37.2	150.0	V	103.0	24.9	12.3	16.8	54
12640.000000	40.5	150.0	H	0.0	25.9	14.6	13.5	54
15417.500000	44.5	150.0	V	13.0	25.2	19.3	9.5	54
17998.750000	51.1	150.0	H	73.0	25.7	25.4	2.9	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

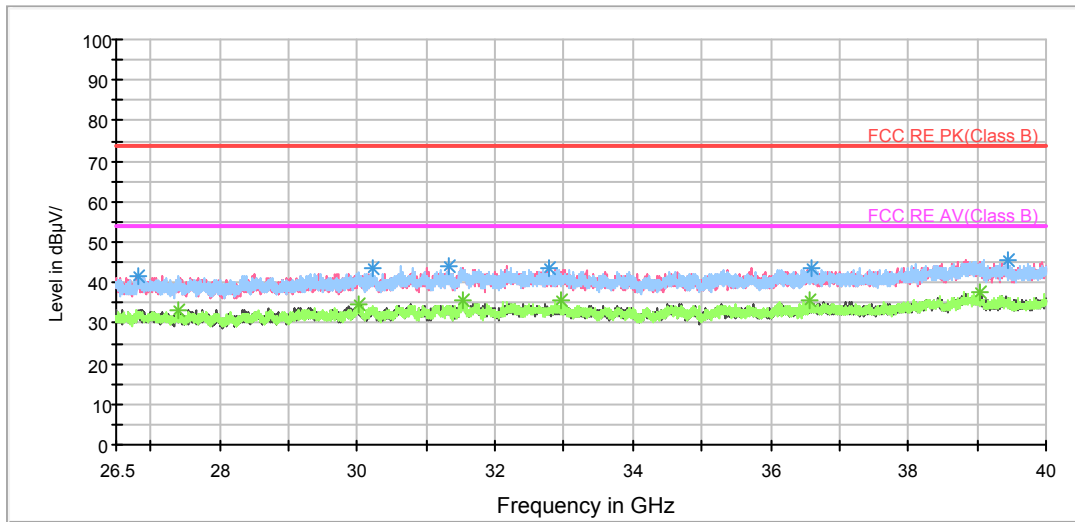
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18857.437500	52.9	H	270.0	52.8	0.1	21.1	74
19473.687500	51.9	H	183.0	51.8	0.1	22.1	74
21832.437500	52.8	H	90.0	54.7	-1.9	21.2	74
21897.250000	53.1	H	220.0	54.7	-1.6	20.9	74
24837.187500	52.5	V	184.0	52.2	0.3	21.5	74
24875.437500	52.9	H	270.0	52.4	0.5	21.1	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18935.000000	40.1	H	220.0	40.0	0.1	13.9	54
19468.375000	41.0	H	270.0	40.9	0.1	13.0	54
20824.125000	41.0	V	184.0	43.1	-2.1	13.0	54
23191.375000	41.7	H	270.0	41.8	-0.1	12.3	54
24844.625000	40.8	V	211.0	40.5	0.3	13.2	54
24925.375000	41.5	H	270.0	40.8	0.7	12.5	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
26808.812500	41.6	V	213.0	42.3	-0.7	32.4	74
30232.750000	43.4	H	270.0	43.8	-0.4	30.6	74
31326.250000	44.3	V	270.0	44.8	-0.5	29.7	74
32794.375000	43.8	H	110.0	44.6	-0.8	30.2	74
36609.812500	43.8	H	229.0	43.9	-0.1	30.2	74
39444.812500	45.7	V	251.0	43.0	2.7	28.3	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

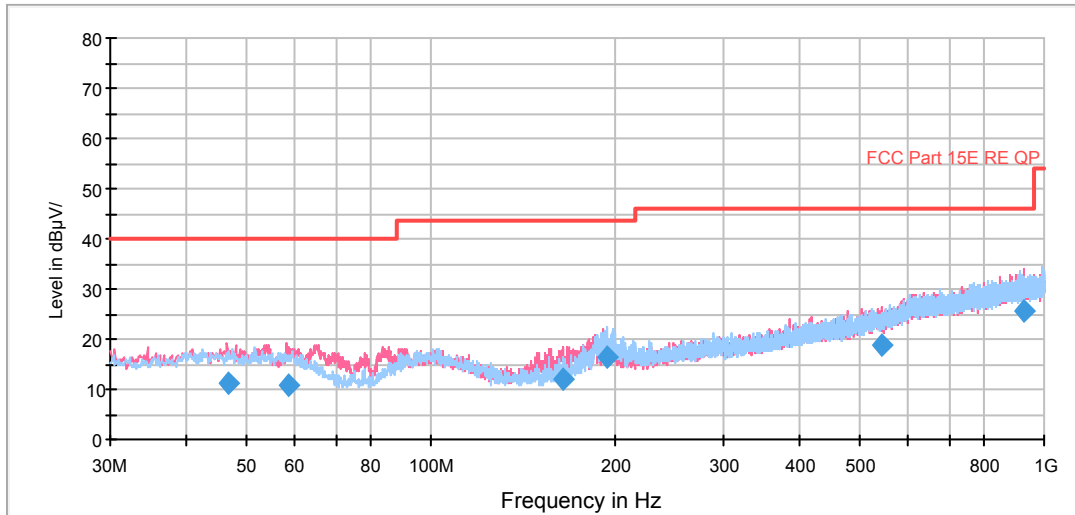
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27396.062500	33.4	H	229.0	34.6	-1.2	20.6	54
30015.062500	34.5	H	91.0	34.9	-0.4	19.5	54
31523.687500	35.9	V	108.0	36.4	-0.5	18.1	54
32946.250000	35.7	V	270.0	36.5	-0.8	18.3	54
36560.875000	35.7	H	149.0	35.8	-0.1	18.3	54
39043.187500	37.4	H	169.0	34.4	3.0	16.6	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



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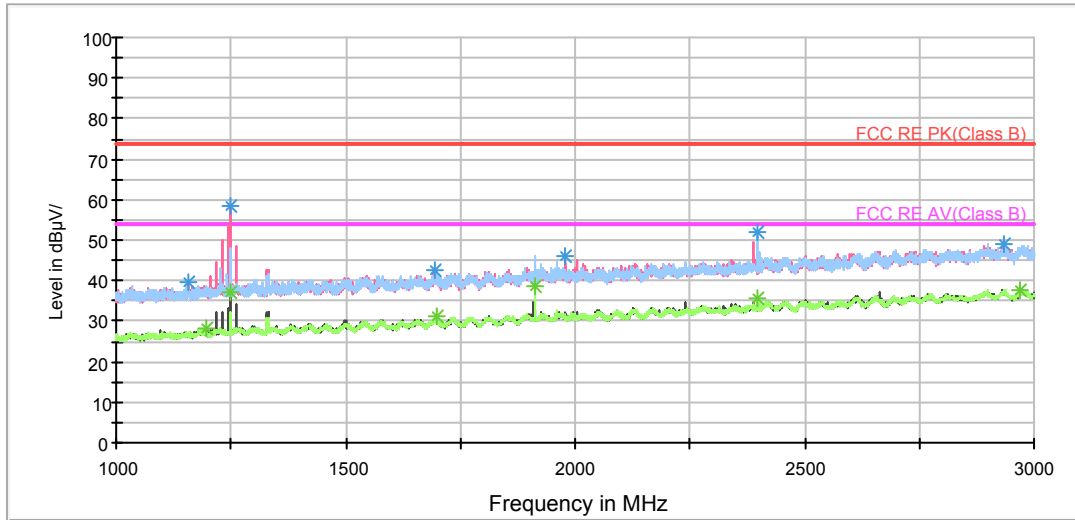


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
46.650000	11.2	113.0	V	268.0	-1.9	13.1	28.8	40.0
58.730000	10.9	100.0	V	144.0	-1.8	12.7	29.1	40.0
164.663750	12.1	114.0	V	238.0	2.1	10.0	31.4	43.5
193.768750	16.2	100.0	H	284.0	4.4	11.8	27.3	43.5
543.978750	18.7	100.0	V	107.0	-2.9	21.6	27.3	46.0
929.953750	25.7	100.0	V	195.0	-1.4	27.1	20.3	46.0

- Remark: 1. Quasi-Peak = Reading value + Correction factor  
 2. Correction Factor = Antenna factor+ Insertion loss(cable loss+amplifier gain)  
 3. Margin = Limit – Quasi-Peak

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1158.000000	26.4	100.0	V	0.0	34.8	-8.4	47.6	74
1248.000000	30.8	100.0	V	206.0	38.8	-8.0	43.2	74
1692.750000	30.2	100.0	V	268.0	35.2	-5.0	43.8	74
1980.250000	32.3	100.0	V	179.0	36.0	-3.7	41.7	74
2396.250000	34.0	100.0	H	97.0	35.3	-1.3	40.0	74
2932.500000	37.0	100.0	V	276.0	35.2	1.8	37.0	74

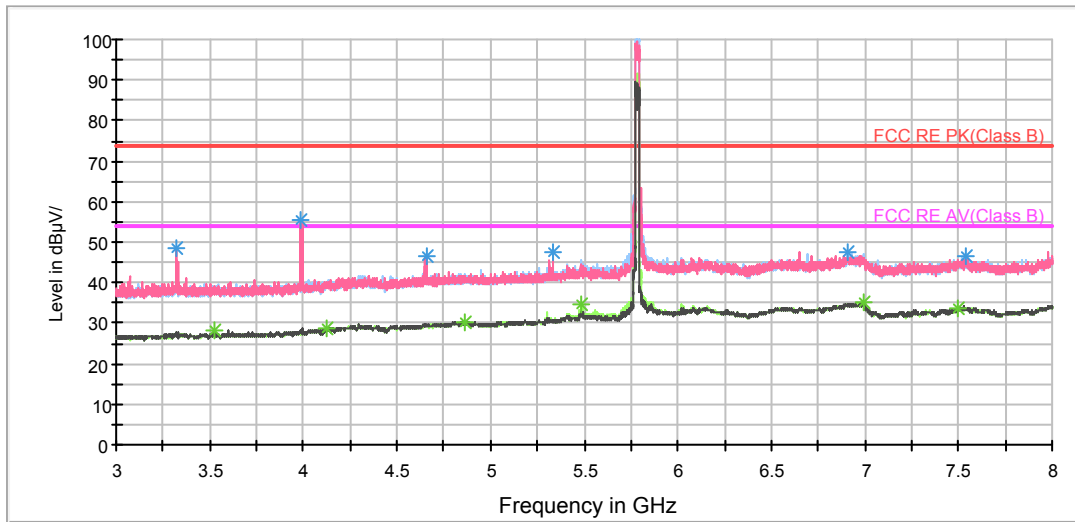
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1198.000000	28.0	100.0	V	0.0	36.2	-8.2	26.0	54
1247.750000	37.2	100.0	V	206.0	45.2	-8.0	16.8	54
1697.750000	31.0	100.0	H	114.0	36.0	-5.0	23.0	54
1910.750000	38.5	100.0	H	1.0	42.2	-3.7	15.5	54
2399.500000	35.7	100.0	H	97.0	37.0	-1.3	18.3	54
2970.500000	37.8	100.0	H	17.0	35.6	2.2	16.2	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.  
Radiates Emission from 3GHz to 8GHz

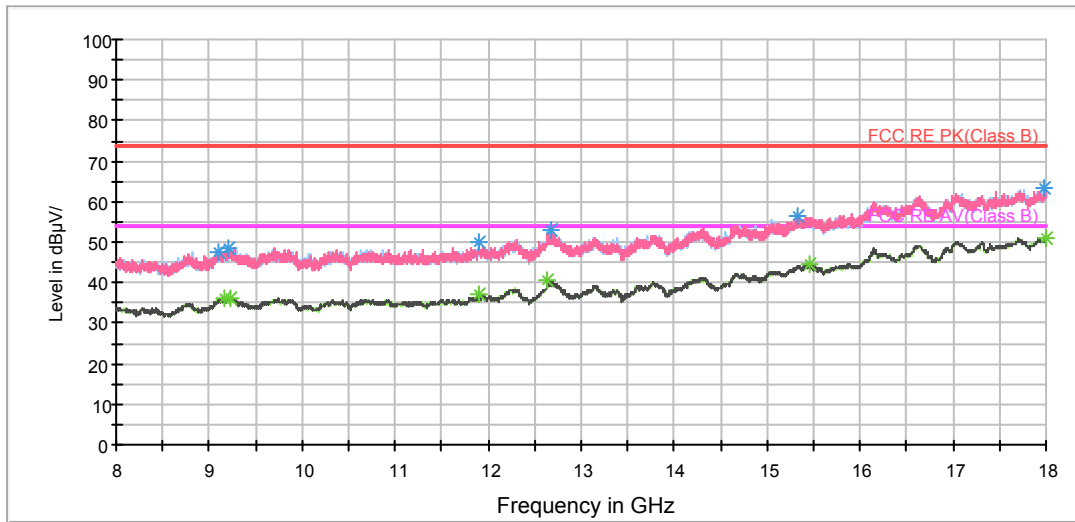
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3324.375000	48.6	100.0	V	240.0	50.7	-2.1	25.4	74
3984.375000	55.5	100.0	V	0.0	56.5	-1.0	18.5	74
4661.250000	46.5	100.0	V	22.0	45.8	0.7	27.5	74
5332.500000	47.3	100.0	V	155.0	45.0	2.3	26.7	74
6909.375000	47.6	100.0	H	0.0	41.4	6.2	26.4	74
7541.875000	46.4	100.0	H	314.0	39.4	7.0	27.6	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3520.000000	28.1	100.0	V	223.0	30.1	-2.0	25.9	54
4127.500000	28.9	100.0	H	90.0	29.3	-0.4	25.1	54
4867.500000	30.2	100.0	V	39.0	28.5	1.7	23.8	54
5487.500000	34.6	100.0	H	161.0	31.5	3.1	19.4	54
6996.250000	35.0	100.0	V	122.0	28.5	6.5	19.0	54
7500.625000	33.8	100.0	V	72.0	26.9	6.9	20.2	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 3-18GHz PK+AV



Radiates Emission from 8GHz to 18GHz

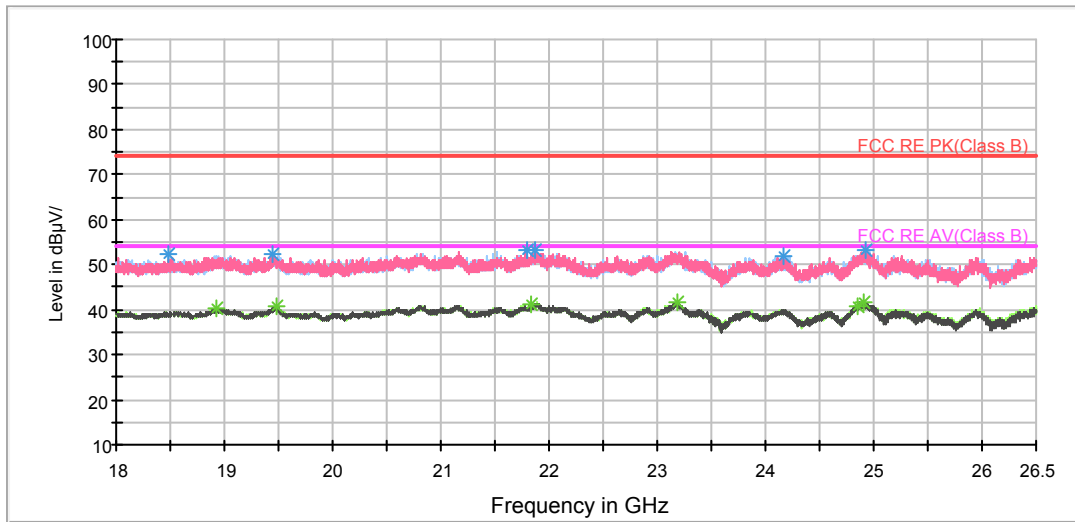
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9108.750000	47.8	150.0	H	0.0	38.1	9.7	26.2	74
9215.000000	48.7	150.0	H	0.0	38.7	10.0	25.3	74
11898.750000	50.1	150.0	V	0.0	37.8	12.3	23.9	74
12686.250000	52.9	150.0	H	0.0	38.7	14.2	21.1	74
15335.000000	56.5	150.0	H	276.0	37.8	18.7	17.5	74
17982.500000	63.1	150.0	H	15.0	38.1	25.0	10.9	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9156.250000	36.0	150.0	H	0.0	25.7	10.3	18.0	54
9236.250000	36.3	150.0	V	12.0	26.4	9.9	17.7	54
11898.750000	37.2	150.0	V	0.0	24.9	12.3	16.8	54
12640.000000	40.5	150.0	V	231.0	25.9	14.6	13.5	54
15446.250000	44.4	150.0	H	0.0	24.9	19.5	9.6	54
17996.250000	51.1	150.0	V	213.0	25.7	25.4	2.9	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

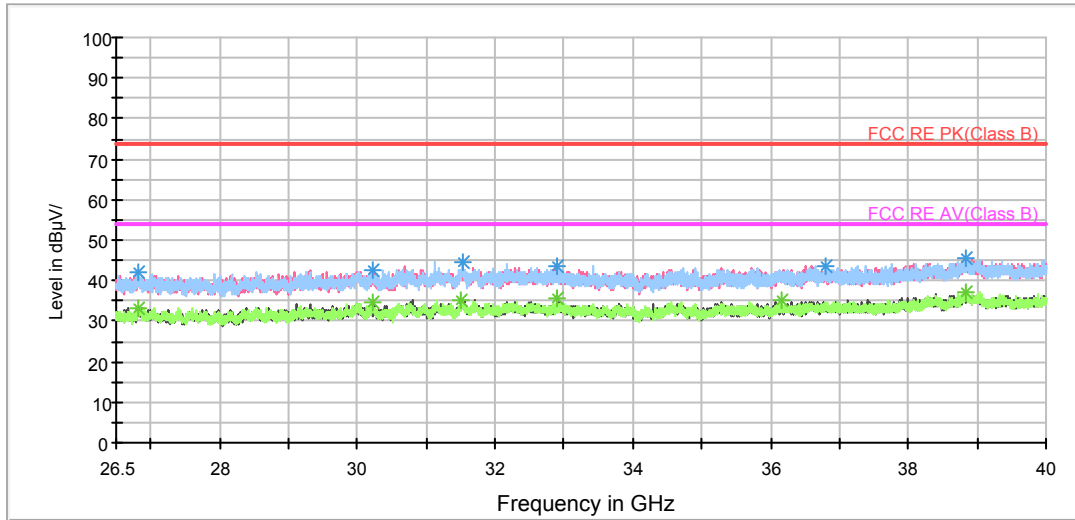
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18478.125000	52.1	H	200.0	51.7	0.4	21.9	74
19441.812500	52.4	H	245.0	52.4	0.0	21.6	74
21798.437500	53.4	H	270.0	55.5	-2.1	20.6	74
21878.125000	53.1	H	270.0	54.8	-1.7	20.9	74
24161.437500	51.9	H	182.0	52.6	-0.7	22.1	74
24916.875000	53.1	V	128.0	52.4	0.7	20.9	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18933.937500	40.1	V	90.0	40.0	0.1	13.9	54
19472.625000	40.6	V	119.0	40.5	0.1	13.4	54
21839.875000	41.0	V	101.0	42.9	-1.9	13.0	54
23178.625000	41.6	H	270.0	41.7	-0.1	12.4	54
24843.562500	40.8	H	155.0	40.5	0.3	13.2	54
24899.875000	41.5	H	263.0	40.9	0.6	12.5	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
26827.375000	41.9	H	179.0	42.6	-0.7	32.1	74
30210.812500	42.8	H	118.0	43.2	-0.4	31.2	74
31520.312500	44.6	H	90.0	45.1	-0.5	29.4	74
32909.125000	43.7	H	138.0	44.5	-0.8	30.3	74
36790.375000	43.5	H	189.0	43.6	-0.1	30.5	74
38844.062500	45.7	V	95.0	42.9	2.8	28.3	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

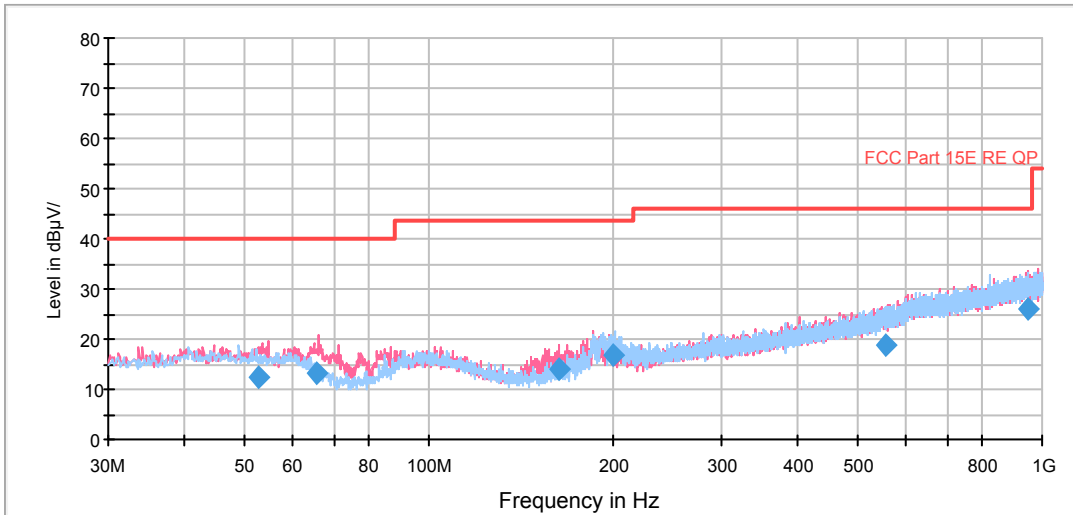
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
26827.375000	33.2	H	179.0	33.9	-0.7	20.8	54
30234.437500	34.4	V	270.0	34.8	-0.4	19.6	54
31515.250000	35.2	V	149.0	35.7	-0.5	18.8	54
32909.125000	35.5	H	138.0	36.3	-0.8	18.5	54
36152.500000	35.3	H	220.0	35.5	-0.2	18.7	54
38837.312500	37.2	V	265.0	34.4	2.8	16.8	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



802.11a CH165

FCC RE 0.03-1GHz QP Class B

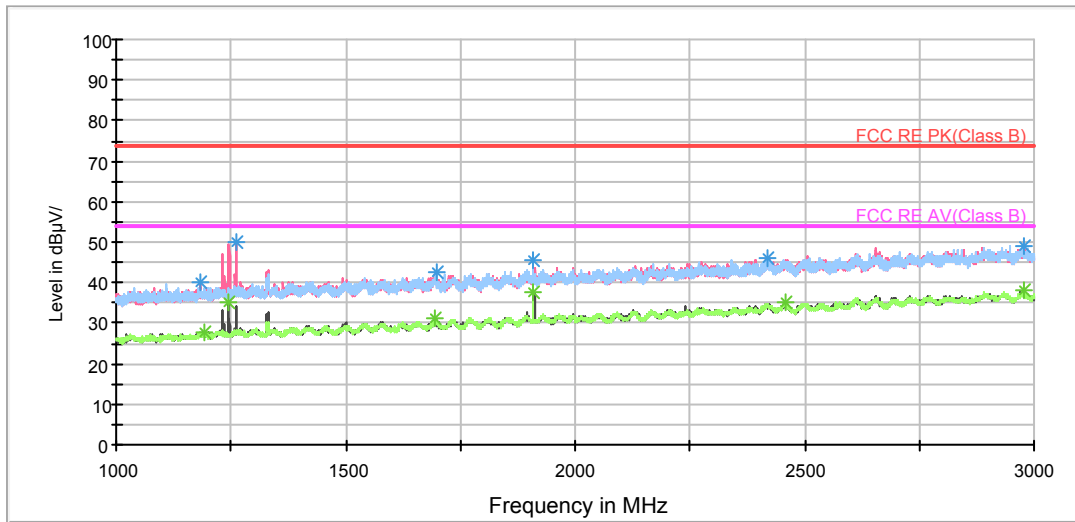


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
52.841250	12.5	100.0	V	326.0	-0.5	13.0	27.5	40.0
65.772500	13.4	100.0	V	284.0	3.2	10.2	26.6	40.0
162.808750	13.8	100.0	V	243.0	3.8	10.0	29.7	43.5
199.998750	16.6	125.0	H	93.0	4.4	12.2	26.9	43.5
554.968750	19.0	100.0	H	38.0	-2.8	21.8	27.0	46.0
947.213750	26.0	100.0	V	149.0	-1.2	27.2	20.0	46.0

- Remark: 1. Quasi-Peak = Reading value + Correction factor  
 2. Correction Factor = Antenna factor+ Insertion loss(cable loss+amplifier gain)  
 3. Margin = Limit – Quasi-Peak

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1182.250000	27.7	100.0	V	192.0	35.7	-8.0	46.3	74
1261.500000	34.1	100.0	V	218.0	41.9	-7.8	39.9	74
1697.250000	30.1	100.0	H	102.0	35.1	-5.0	43.9	74
1909.250000	37.8	100.0	H	146.0	41.6	-3.8	36.2	74
2418.500000	34.1	100.0	V	270.0	34.7	-0.6	39.9	74
2979.250000	37.2	100.0	H	138.0	35.0	2.2	36.8	74

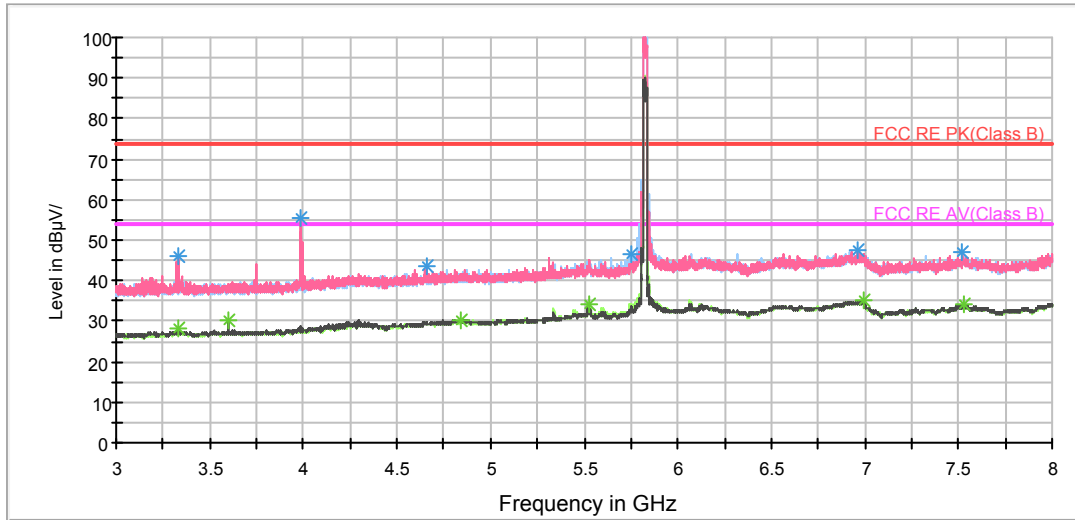
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1192.500000	27.8	100.0	V	175.0	36.0	-8.2	26.2	54
1245.750000	35.1	100.0	V	0.0	43.1	-8.0	18.9	54
1692.500000	31.0	100.0	V	0.0	36.0	-5.0	23.0	54
1909.250000	37.8	100.0	H	146.0	41.6	-3.8	16.2	54
2460.000000	35.0	100.0	V	156.0	35.5	-0.5	19.0	54
2978.250000	38.0	100.0	H	33.0	35.8	2.2	16.0	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.  
Radiates Emission from 3GHz to 8GHz

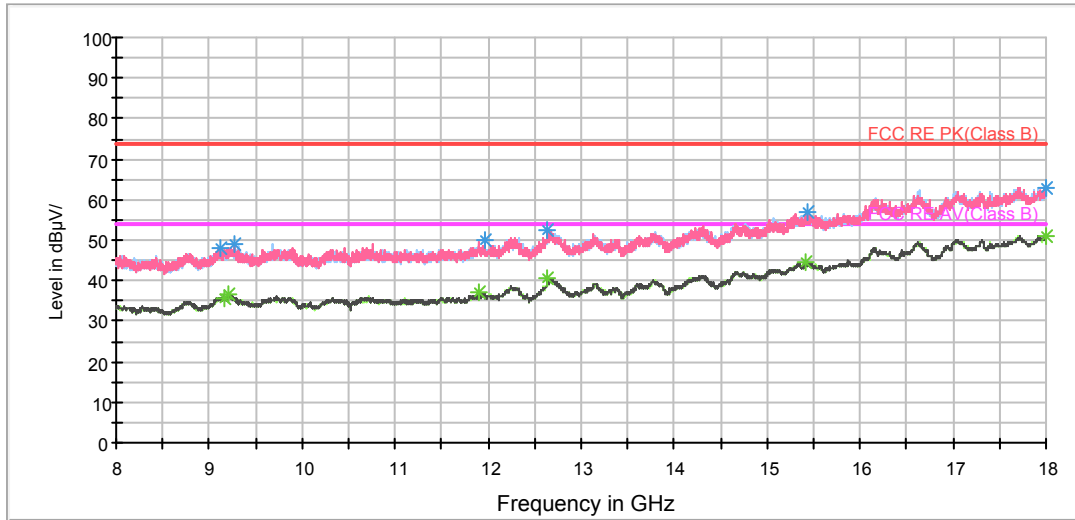
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3328.125000	46.1	100.0	V	137.0	48.3	-2.2	27.9	74
3988.125000	55.5	100.0	V	205.0	56.5	-1.0	18.5	74
4656.875000	43.8	100.0	V	0.0	43.0	0.8	30.2	74
5751.250000	46.3	100.0	H	158.0	42.7	3.6	27.7	74
6961.875000	47.5	100.0	V	36.0	41.3	6.2	26.5	74
7523.125000	47.0	100.0	V	53.0	39.9	7.1	27.0	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3329.375000	28.0	100.0	V	0.0	30.2	-2.2	26.0	54
3600.625000	30.3	100.0	V	0.0	32.5	-2.2	23.7	54
4842.500000	30.3	100.0	V	70.0	28.7	1.6	23.7	54
5526.875000	34.3	100.0	H	226.0	31.2	3.1	19.7	54
6998.125000	35.0	100.0	V	273.0	28.5	6.5	19.0	54
7526.875000	34.0	100.0	V	0.0	26.9	7.1	20.0	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 3-18GHz PK+AV



Radiates Emission from 8GHz to 18GHz

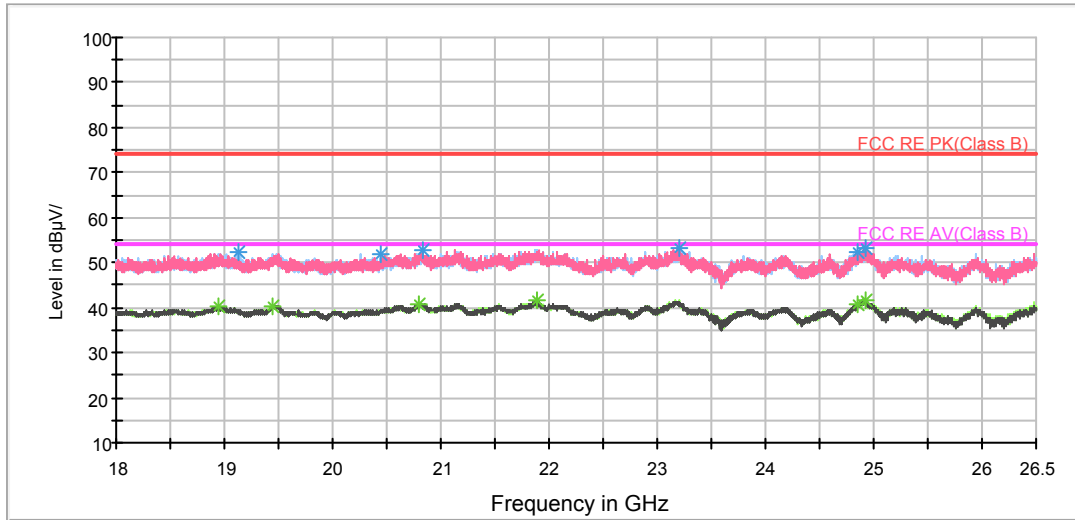
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9128.750000	48.0	150.0	H	111.0	38.0	10.0	26.0	74
9263.750000	49.0	150.0	V	105.0	39.6	9.4	25.0	74
11956.250000	49.9	150.0	V	105.0	38.1	11.8	24.1	74
12638.750000	52.4	150.0	V	0.0	38.0	14.4	21.6	74
15427.500000	57.0	150.0	V	159.0	37.5	19.5	17.0	74
18000.000000	62.9	150.0	V	250.0	37.4	25.5	11.1	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9153.750000	35.9	150.0	H	0.0	25.7	10.2	18.1	54
9213.750000	36.4	150.0	V	15.0	26.4	10.0	17.6	54
11903.750000	37.2	150.0	H	36.0	25.0	12.2	16.8	54
12640.000000	40.6	150.0	H	130.0	26.0	14.6	13.4	54
15418.750000	44.4	150.0	H	0.0	25.0	19.4	9.6	54
17998.750000	51.1	150.0	H	0.0	25.7	25.4	2.9	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

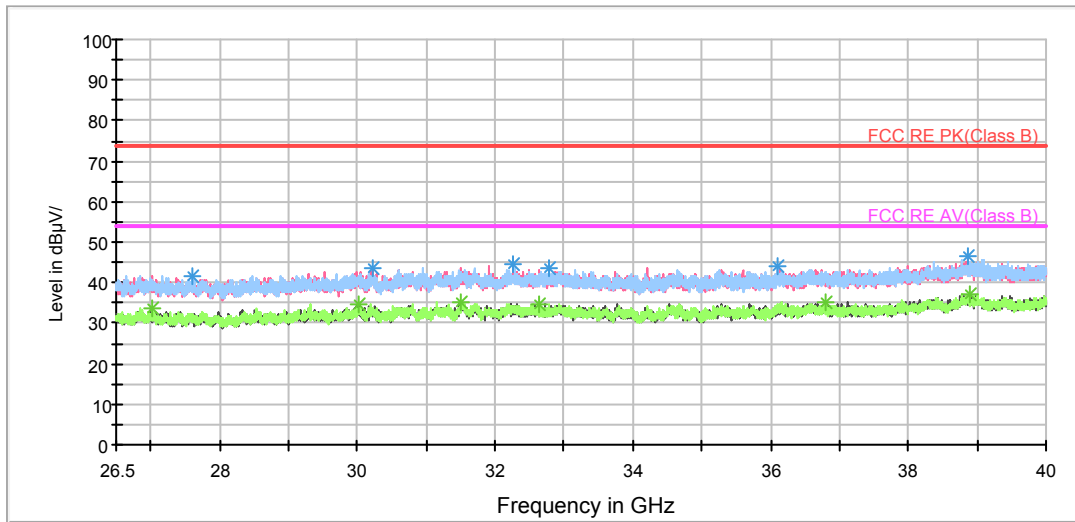
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
19127.312500	52.4	H	270.0	52.9	-0.5	21.6	74
20448.000000	52.0	H	192.0	52.9	-0.9	22.0	74
20831.562500	52.9	V	184.0	55.0	-2.1	21.1	74
23211.562500	53.1	V	110.0	53.2	-0.1	20.9	74
24843.562500	52.5	H	227.0	52.2	0.3	21.5	74
24927.500000	53.2	V	251.0	52.5	0.7	20.8	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18939.250000	40.1	V	90.0	40.1	0.0	13.9	54
19451.375000	40.5	H	210.0	40.5	0.0	13.5	54
20792.250000	41.0	H	192.0	42.9	-1.9	13.0	54
21883.437500	41.7	H	97.0	43.4	-1.7	12.3	54
24843.562500	40.8	V	146.0	40.5	0.3	13.2	54
24917.937500	41.5	V	101.0	40.8	0.7	12.5	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27607.000000	41.8	H	105.0	43.2	-1.4	32.2	74
30212.500000	43.5	V	270.0	43.9	-0.4	30.5	74
32269.562500	44.4	V	270.0	45.0	-0.6	29.6	74
32789.312500	43.5	V	195.0	44.3	-0.8	30.5	74
36101.875000	44.0	H	254.0	44.2	-0.2	30.0	74
38871.062500	46.4	V	234.0	43.6	2.8	27.6	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

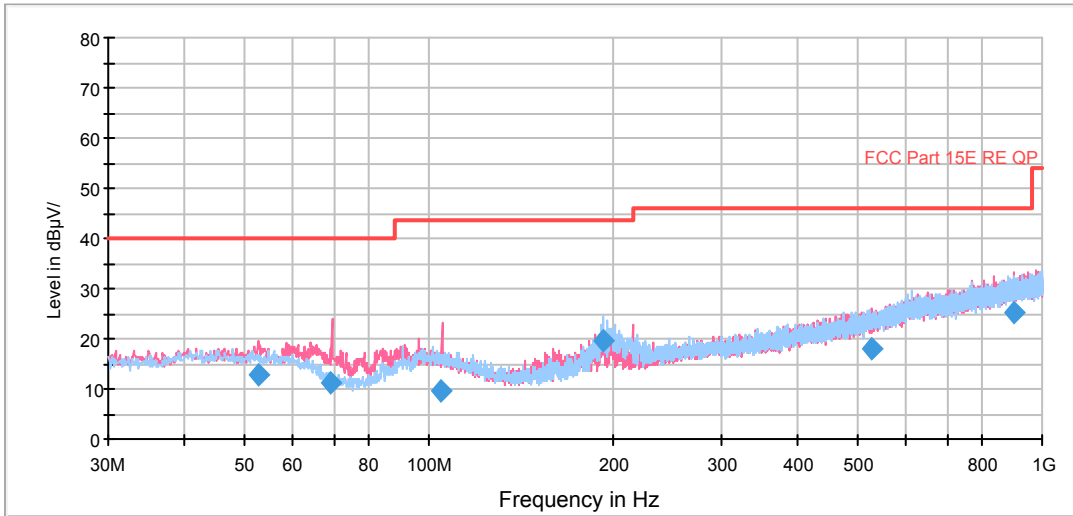
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27018.062500	33.5	H	105.0	34.4	-0.9	20.5	54
30026.875000	34.8	V	252.0	35.2	-0.4	19.2	54
31506.812500	35.0	V	270.0	35.5	-0.5	19.0	54
32639.125000	34.9	H	211.0	35.6	-0.7	19.1	54
36814.000000	35.3	V	252.0	35.4	-0.1	18.7	54
38891.312500	37.1	H	114.0	34.2	2.9	16.9	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

**MIMO**

**802.11n (HT20) CH36**

FCC RE 0.03-1GHz QP Class B

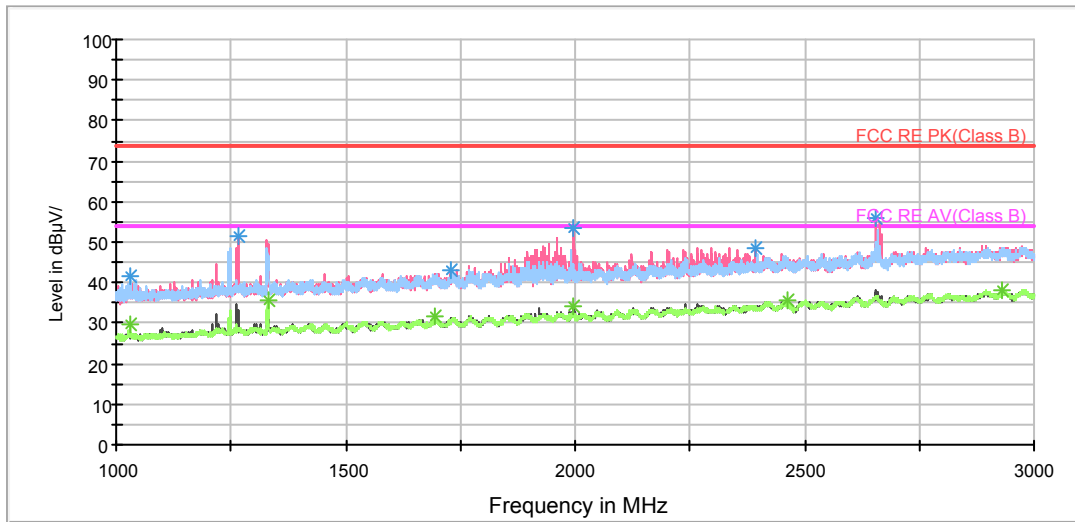


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
52.912500	12.9	100.0	V	280.0	-0.1	13.0	27.1	40.0
69.367500	11.4	100.0	V	0.0	2.6	8.8	28.6	40.0
104.693750	9.6	125.0	V	266.0	-3.3	12.9	33.9	43.5
192.233750	19.6	125.0	H	273.0	8.0	11.6	23.9	43.5
527.210000	18.1	100.0	V	251.0	-3.0	21.1	27.9	46.0
896.976250	25.4	100.0	V	131.0	-1.3	26.7	20.6	46.0

- Remark:**
1. Quasi-Peak = Reading value + Correction factor
  2. Correction Factor = Antenna factor+ Insertion loss(cable loss+amplifier gain)
  3. Margin = Limit – Quasi-Peak

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

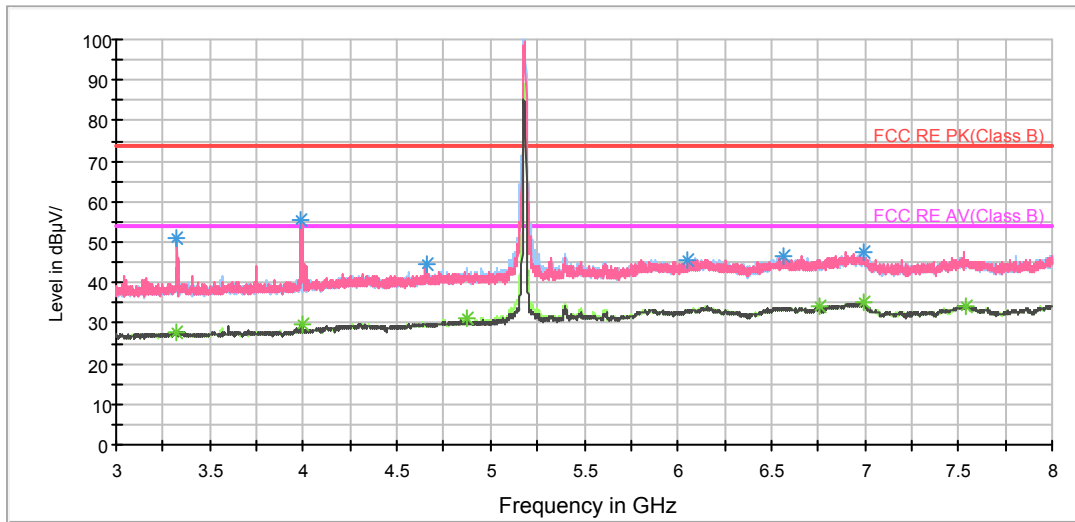
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1031.000000	41.7	100.0	H	117.0	50.8	-9.1	32.3	74
1265.000000	51.5	100.0	V	275.0	59.2	-7.7	22.5	74
1727.250000	43.2	100.0	V	275.0	48.3	-5.1	30.8	74
1997.750000	53.3	100.0	V	250.0	56.6	-3.3	20.7	74
2391.250000	48.6	100.0	V	0.0	50.0	-1.4	25.4	74
2655.500000	55.8	100.0	V	285.0	55.4	0.4	18.2	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1030.750000	29.5	100.0	H	117.0	38.6	-9.1	24.5	54
1329.750000	35.6	100.0	H	125.0	43.0	-7.4	18.4	54
1696.500000	31.5	100.0	V	303.0	36.5	-5.0	22.5	54
1997.750000	33.9	100.0	V	250.0	37.2	-3.3	20.1	54
2461.750000	35.5	100.0	V	0.0	36.0	-0.5	18.5	54
2931.750000	38.1	100.0	V	258.0	36.3	1.8	15.9	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.  
Radiates Emission from 3GHz to 8GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3326.250000	51.0	100.0	V	239.0	53.1	-2.1	23.0	74
3988.750000	55.2	100.0	V	239.0	56.2	-1.0	18.8	74
4655.000000	44.5	100.0	V	309.0	43.7	0.8	29.5	74
6051.250000	45.7	100.0	H	292.0	40.8	4.9	28.3	74
6560.000000	46.5	100.0	H	53.0	40.7	5.8	27.5	74
6996.875000	47.5	100.0	H	0.0	41.0	6.5	26.5	74

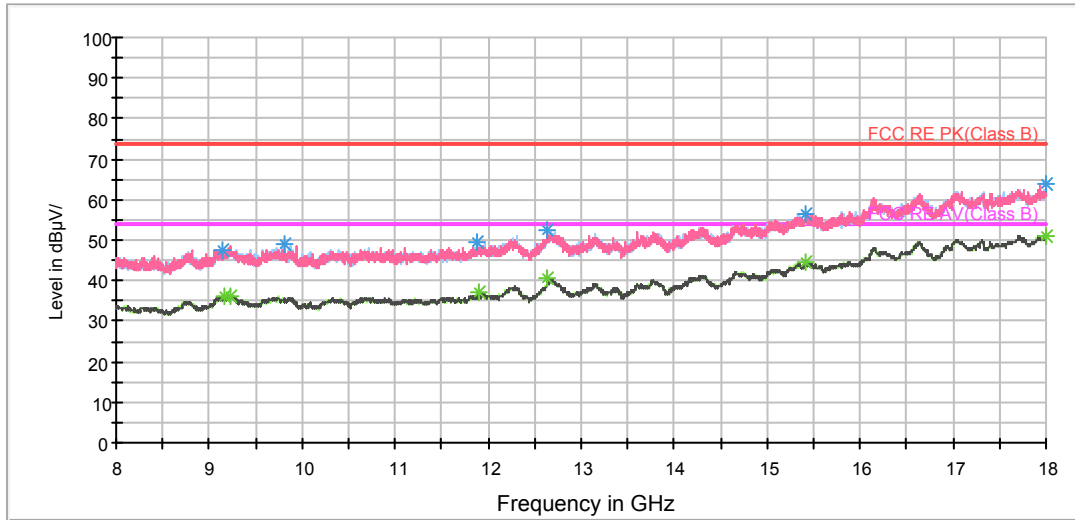
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3326.250000	27.9	100.0	V	239.0	30.0	-2.1	26.1	54
3992.500000	29.9	100.0	V	205.0	30.9	-1.0	24.1	54
4878.750000	31.0	100.0	H	342.0	29.2	1.8	23.0	54
6753.125000	34.0	100.0	H	140.0	28.5	5.5	20.0	54
6997.500000	35.2	100.0	V	36.0	28.7	6.5	18.8	54
7543.125000	34.2	100.0	H	359.0	27.2	7.0	19.8	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



RE 3-18GHz PK+AV



Radiates Emission from 8GHz to 18GHz

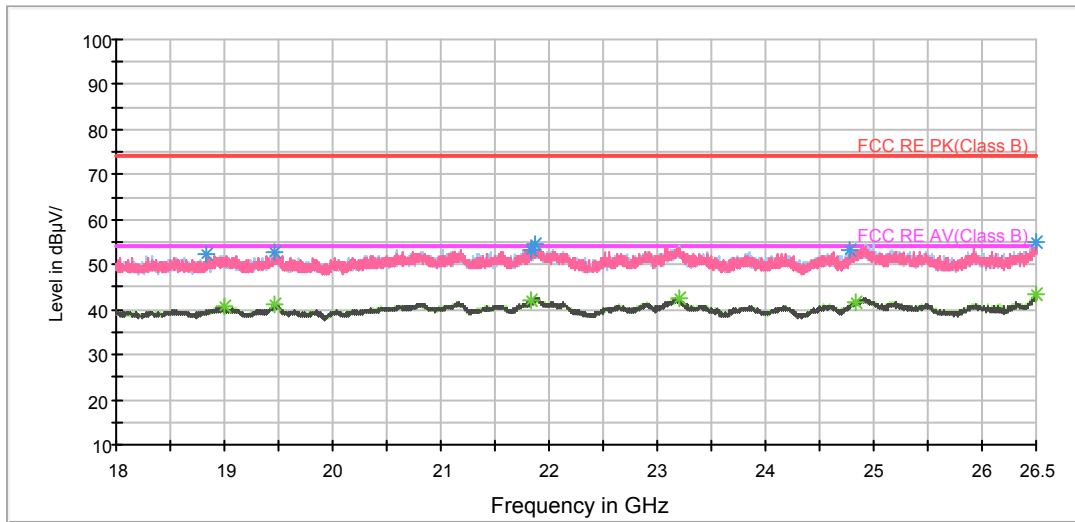
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9151.250000	47.6	150.0	H	149.0	37.4	10.2	26.4	74
9802.500000	49.1	150.0	H	240.0	39.1	10.0	24.9	74
11883.750000	49.3	150.0	H	349.0	37.6	11.7	24.7	74
12642.500000	52.2	150.0	H	75.0	37.7	14.5	21.8	74
15423.750000	56.6	150.0	H	167.0	37.2	19.4	17.4	74
17995.000000	63.8	150.0	H	295.0	38.5	25.3	10.2	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9155.000000	36.0	150.0	V	29.0	25.7	10.3	18.0	54
9232.500000	36.3	150.0	V	193.0	26.4	9.9	17.7	54
11898.750000	37.0	150.0	V	344.0	24.7	12.3	17.0	54
12640.000000	40.6	150.0	V	248.0	26.0	14.6	13.4	54
15418.750000	44.6	150.0	H	349.0	25.2	19.4	9.4	54
18000.000000	51.0	150.0	H	240.0	25.5	25.5	3.0	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

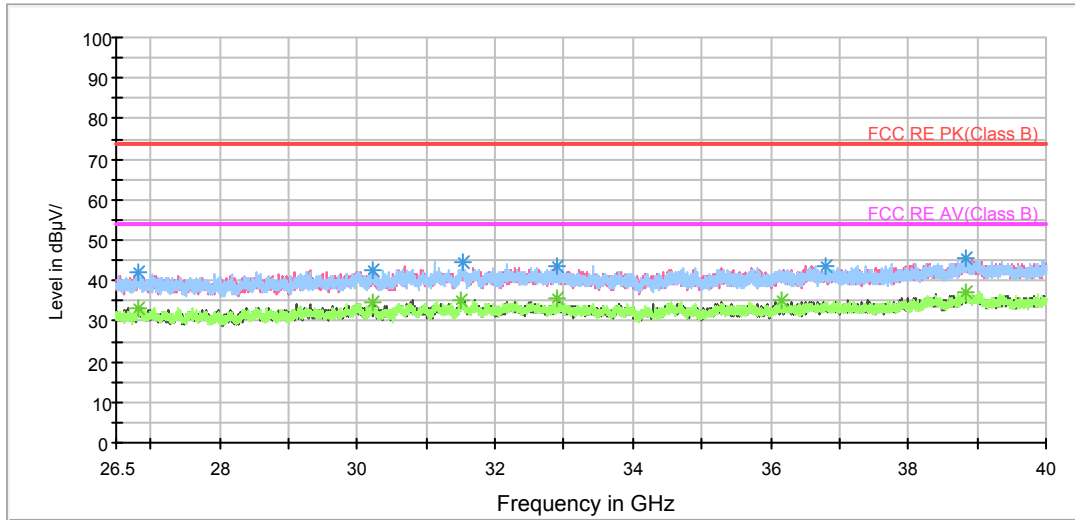
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18828.750000	52.1	V	90.0	52.1	0.0	21.9	74
19468.375000	52.6	V	222.0	52.5	0.1	21.4	74
21825.000000	53.4	V	156.0	55.4	-2.0	20.6	74
21874.937500	54.4	V	263.0	56.1	-1.7	19.6	74
24775.562500	53.3	H	193.0	53.4	-0.1	20.7	74
26500.000000	54.9	V	119.0	53.8	1.1	19.1	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
19001.937500	40.5	H	211.0	40.7	-0.2	13.5	54
19465.187500	41.0	V	175.0	40.9	0.1	13.0	54
21839.875000	41.9	H	96.0	43.8	-1.9	12.1	54
23197.750000	42.6	H	270.0	42.7	-0.1	11.4	54
24840.375000	41.8	H	241.0	41.5	0.3	12.2	54
26498.937500	43.5	H	231.0	42.4	1.1	10.5	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
26827.375000	41.9	H	179.0	42.6	-0.7	32.1	74
30210.812500	42.8	H	118.0	43.2	-0.4	31.2	74
31520.312500	44.6	H	90.0	45.1	-0.5	29.4	74
32909.125000	43.7	H	138.0	44.5	-0.8	30.3	74
36790.375000	43.5	H	189.0	43.6	-0.1	30.5	74
38844.062500	45.7	V	95.0	42.9	2.8	28.3	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

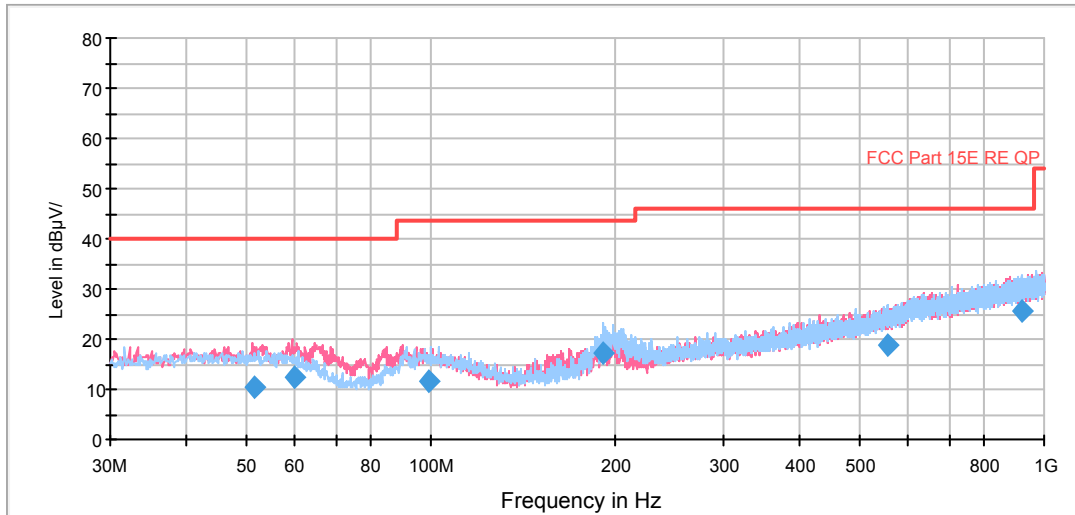
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
26827.375000	33.2	H	179.0	33.9	-0.7	20.8	54
30234.437500	34.4	V	270.0	34.8	-0.4	19.6	54
31515.250000	35.2	V	149.0	35.7	-0.5	18.8	54
32909.125000	35.5	H	138.0	36.3	-0.8	18.5	54
36152.500000	35.3	H	220.0	35.5	-0.2	18.7	54
38837.312500	37.2	V	265.0	34.4	2.8	16.8	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



802.11n (HT20) CH40

FCC RE 0.03-1GHz QP Class B

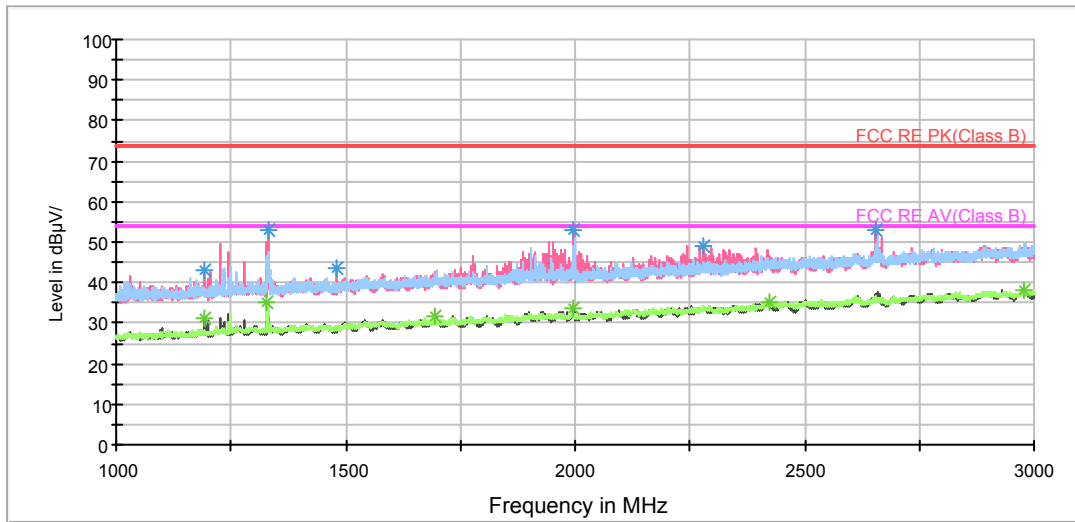


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
51.698750	10.4	100.0	V	102.0	-2.7	13.1	29.6	40.0
59.942500	12.2	100.0	V	325.0	-0.4	12.6	27.8	40.0
99.240000	11.7	125.0	H	142.0	-1.4	13.1	31.8	43.5
190.978750	17.3	100.0	H	102.0	5.8	11.5	26.2	43.5
555.941250	18.9	114.0	H	119.0	-2.9	21.8	27.1	46.0
917.346250	25.6	125.0	H	0.0	-1.4	27.0	20.4	46.0

- Remark: 1. Quasi-Peak = Reading value + Correction factor  
 2. Correction Factor = Antenna factor+ Insertion loss(cable loss+amplifier gain)  
 3. Margin = Limit – Quasi-Peak

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

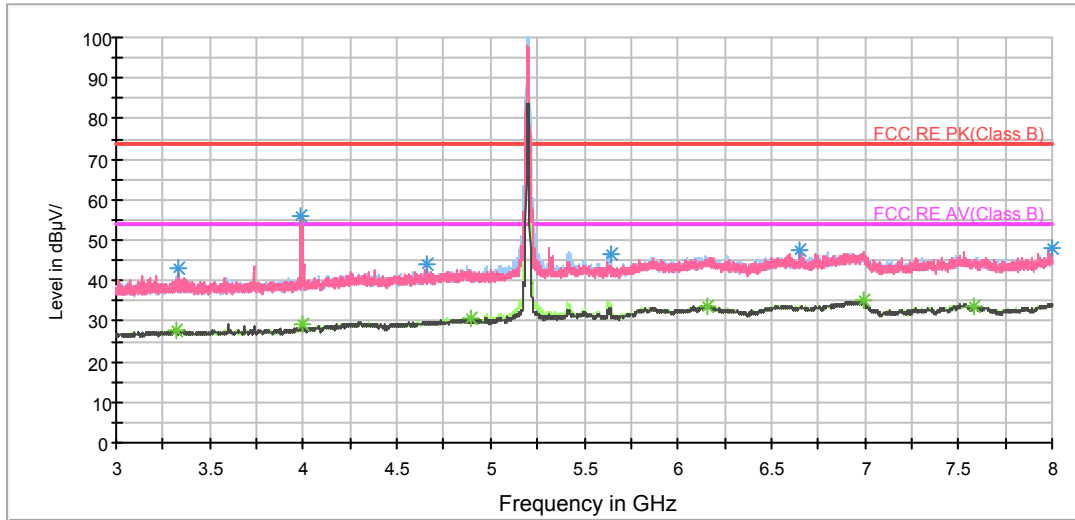
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1191.500000	43.0	100.0	V	279.0	51.2	-8.2	31.0	74
1330.250000	53.1	100.0	V	102.0	60.5	-7.4	20.9	74
1479.000000	43.7	100.0	V	244.0	50.2	-6.5	30.3	74
1994.000000	53.0	100.0	V	129.0	56.2	-3.2	21.0	74
2280.750000	49.0	100.0	V	289.0	50.3	-1.3	25.0	74
2654.500000	52.9	100.0	V	155.0	52.5	0.4	21.1	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1191.500000	31.0	100.0	V	279.0	39.2	-8.2	23.0	54
1329.500000	35.1	100.0	H	132.0	42.5	-7.4	18.9	54
1696.000000	31.5	100.0	V	235.0	36.5	-5.0	22.5	54
1994.250000	33.9	100.0	V	279.0	37.1	-3.2	20.1	54
2424.750000	35.3	100.0	H	7.0	35.8	-0.5	18.7	54
2977.750000	38.1	100.0	V	349.0	35.9	2.2	15.9	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.  
Radiates Emission from 3GHz to 8GHz

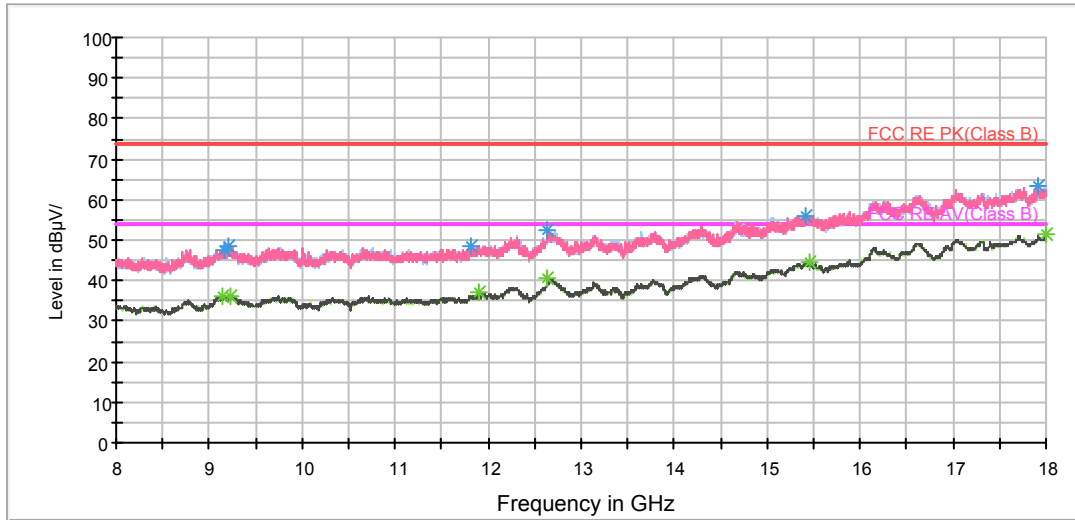
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3328.750000	42.9	100.0	H	160.0	45.1	-2.2	31.1	74
3986.250000	56.1	100.0	V	207.0	57.1	-1.0	17.9	74
4656.875000	44.2	100.0	V	105.0	43.4	0.8	29.8	74
5640.000000	46.6	100.0	H	177.0	43.4	3.2	27.4	74
6647.500000	47.5	100.0	V	123.0	42.0	5.5	26.5	74
7996.875000	48.1	100.0	V	105.0	40.8	7.3	25.9	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3321.875000	27.7	100.0	H	277.0	29.8	-2.1	26.3	54
3995.625000	29.3	100.0	V	22.0	30.4	-1.1	24.7	54
4898.125000	30.7	100.0	H	177.0	28.8	1.9	23.3	54
6153.125000	33.8	100.0	H	0.0	28.2	5.6	20.2	54
6996.250000	35.0	100.0	H	0.0	28.5	6.5	19.0	54
7586.875000	33.6	100.0	V	0.0	26.5	7.1	20.4	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 3-18GHz PK+AV



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9156.250000	47.4	150.0	V	175.0	37.1	10.3	26.6	74
9208.750000	48.5	150.0	V	66.0	38.4	10.1	25.5	74
11810.000000	48.7	150.0	H	0.0	37.0	11.7	25.3	74
12640.000000	52.5	150.0	H	0.0	37.9	14.6	21.5	74
15413.750000	56.2	150.0	V	325.0	37.0	19.2	17.8	74
17913.750000	63.2	150.0	H	333.0	37.6	25.6	10.8	74

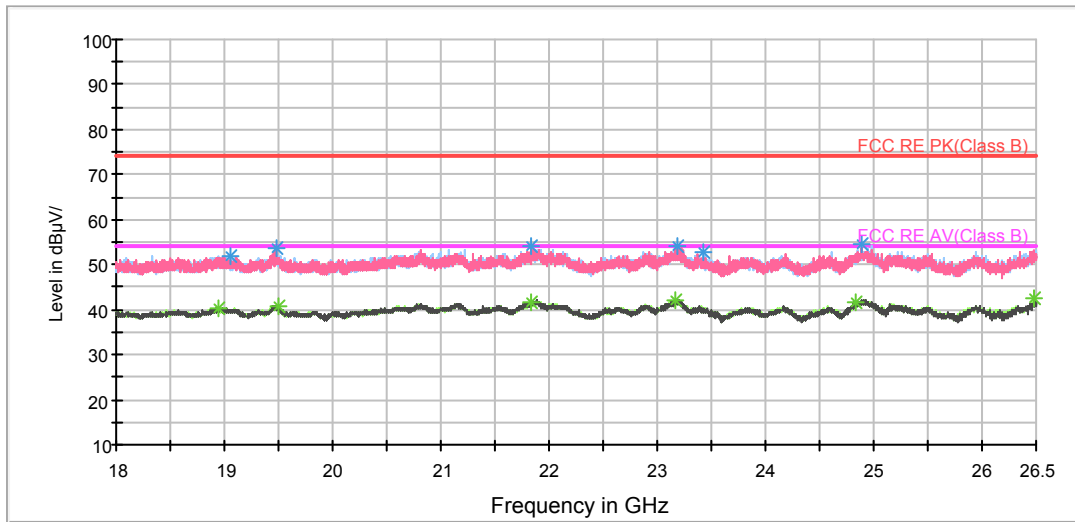
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9151.250000	36.0	150.0	V	84.0	25.8	10.2	18.0	54
9233.750000	36.2	150.0	V	0.0	26.3	9.9	17.8	54
11901.250000	37.0	150.0	V	66.0	24.7	12.3	17.0	54
12640.000000	40.7	150.0	V	0.0	26.1	14.6	13.3	54
15448.750000	44.6	150.0	H	55.0	25.1	19.5	9.4	54
17998.750000	51.3	150.0	V	157.0	25.9	25.4	2.7	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

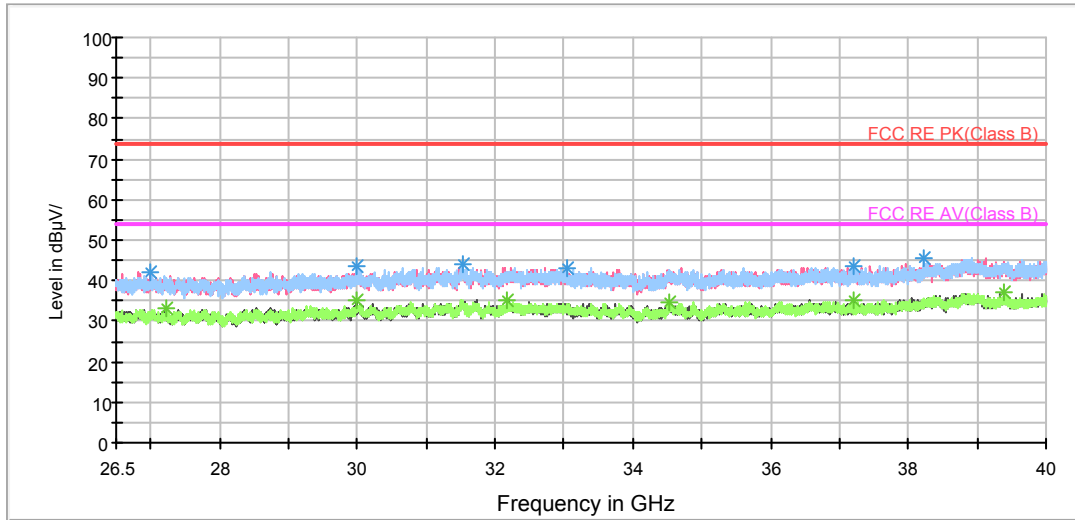
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
19058.250000	52.1	H	191.0	52.5	-0.4	21.9	74
19472.625000	53.8	V	175.0	53.7	0.1	20.2	74
21839.875000	54.1	V	93.0	56.0	-1.9	19.9	74
23186.062500	54.3	H	270.0	54.4	-0.1	19.7	74
23421.937500	52.7	H	107.0	52.8	-0.1	21.3	74
24893.500000	54.4	H	270.0	53.8	0.6	19.6	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18946.687500	40.4	H	270.0	40.4	0.0	13.6	54
19494.937500	40.8	V	157.0	40.7	0.1	13.2	54
21838.812500	41.4	H	270.0	43.3	-1.9	12.6	54
23169.062500	42.1	H	182.0	42.2	-0.1	11.9	54
24832.937500	41.5	V	93.0	41.3	0.2	12.5	54
26480.875000	42.5	H	90.0	41.4	1.1	11.5	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
26992.750000	42.0	V	258.0	42.9	-0.9	32.0	74
29979.625000	43.8	H	266.0	44.2	-0.4	30.2	74
31530.437500	43.9	H	90.0	44.4	-0.5	30.1	74
33039.062500	43.2	H	131.0	44.1	-0.9	30.8	74
37197.062500	43.5	H	90.0	43.3	0.2	30.5	74
38228.125000	45.8	H	140.0	43.9	1.9	28.2	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

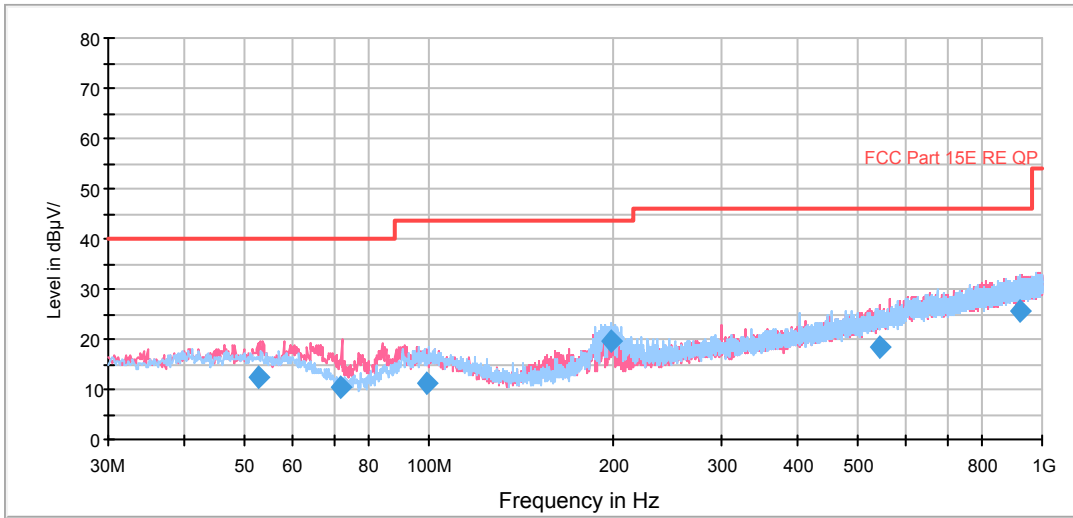
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27217.187500	33.1	H	241.0	34.2	-1.1	20.9	54
29998.187500	35.3	V	191.0	35.7	-0.4	18.7	54
32180.125000	35.3	H	131.0	35.8	-0.5	18.7	54
34530.812500	34.5	H	90.0	35.5	-1.0	19.5	54
37195.375000	35.2	V	150.0	35.0	0.2	18.8	54
39377.312500	36.9	H	90.0	34.2	2.7	17.1	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



802.11n (HT20) CH48

FCC RE 0.03-1GHz QP Class B

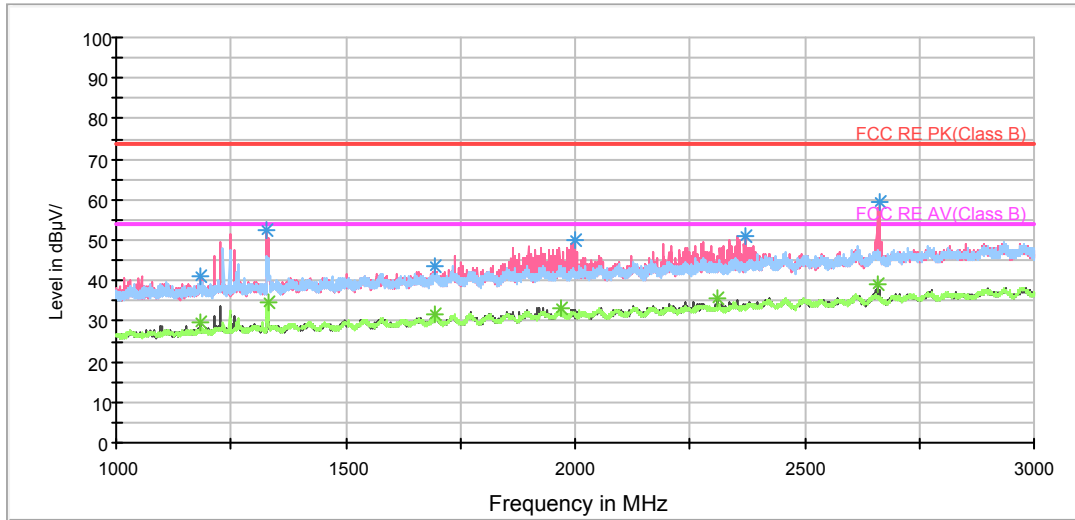


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
52.877500	12.3	100.0	V	201.0	-0.7	13.0	27.7	40.0
71.875000	10.4	125.0	V	356.0	1.8	8.6	29.6	40.0
99.603750	11.4	125.0	H	330.0	-1.8	13.2	32.1	43.5
198.212500	19.7	125.0	H	90.0	7.7	12.0	23.8	43.5
543.898750	18.5	125.0	V	167.0	-3.0	21.5	27.5	46.0
917.313750	25.6	100.0	H	0.0	-1.4	27.0	20.4	46.0

- Remark: 1. Quasi-Peak = Reading value + Correction factor  
 2. Correction Factor = Antenna factor+ Insertion loss(cable loss+amplifier gain)  
 3. Margin = Limit – Quasi-Peak

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

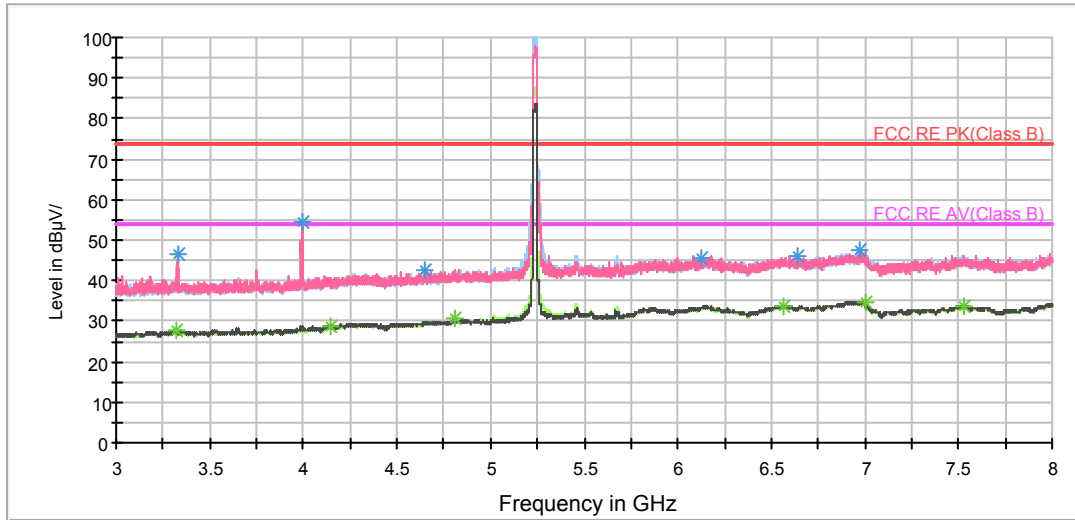
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1183.250000	41.3	100.0	V	259.0	49.3	-8.0	32.7	74
1328.750000	52.5	100.0	V	103.0	59.9	-7.4	21.5	74
1692.750000	43.6	100.0	V	250.0	48.6	-5.0	30.4	74
1999.750000	50.2	100.0	V	285.0	53.6	-3.4	23.8	74
2372.500000	51.1	100.0	V	276.0	52.6	-1.5	22.9	74
2663.500000	59.4	100.0	V	276.0	59.1	0.3	14.6	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1183.000000	29.8	100.0	V	259.0	37.8	-8.0	24.2	54
1332.750000	34.7	100.0	H	121.0	42.1	-7.4	19.3	54
1693.000000	31.5	100.0	V	241.0	36.5	-5.0	22.5	54
1971.000000	33.4	100.0	V	250.0	37.0	-3.6	20.6	54
2309.750000	35.7	100.0	V	267.0	37.7	-2.0	18.3	54
2658.000000	38.9	100.0	V	276.0	38.5	0.4	15.1	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.  
Radiates Emission from 3GHz to 8GHz

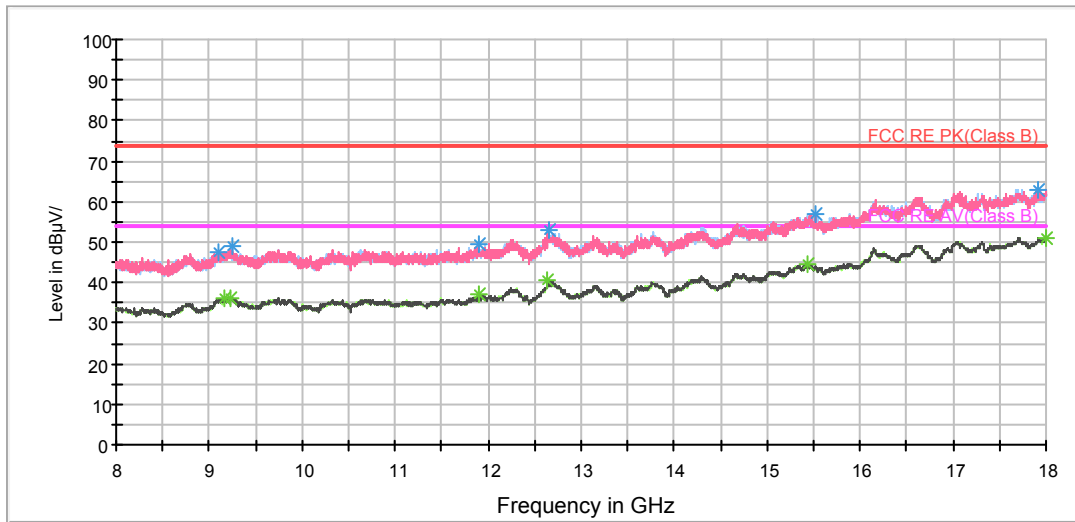
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3326.875000	46.3	100.0	V	0.0	48.5	-2.2	27.7	74
3991.875000	54.6	100.0	V	189.0	55.6	-1.0	19.4	74
4653.125000	42.8	100.0	V	102.0	42.0	0.8	31.2	74
6125.000000	45.7	100.0	V	172.0	40.3	5.4	28.3	74
6643.125000	46.3	100.0	V	0.0	40.8	5.5	27.7	74
6968.125000	47.7	100.0	V	0.0	41.4	6.3	26.3	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3326.250000	27.7	100.0	V	206.0	29.8	-2.1	26.3	54
4141.875000	28.9	100.0	V	102.0	29.1	-0.2	25.1	54
4807.500000	30.7	100.0	H	356.0	29.4	1.3	23.3	54
6570.625000	33.8	100.0	V	257.0	28.2	5.6	20.2	54
6999.375000	34.9	100.0	V	85.0	28.4	6.5	19.1	54
7528.750000	33.8	100.0	V	0.0	26.7	7.1	20.2	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 3-18GHz PK+AV



Radiates Emission from 8GHz to 18GHz

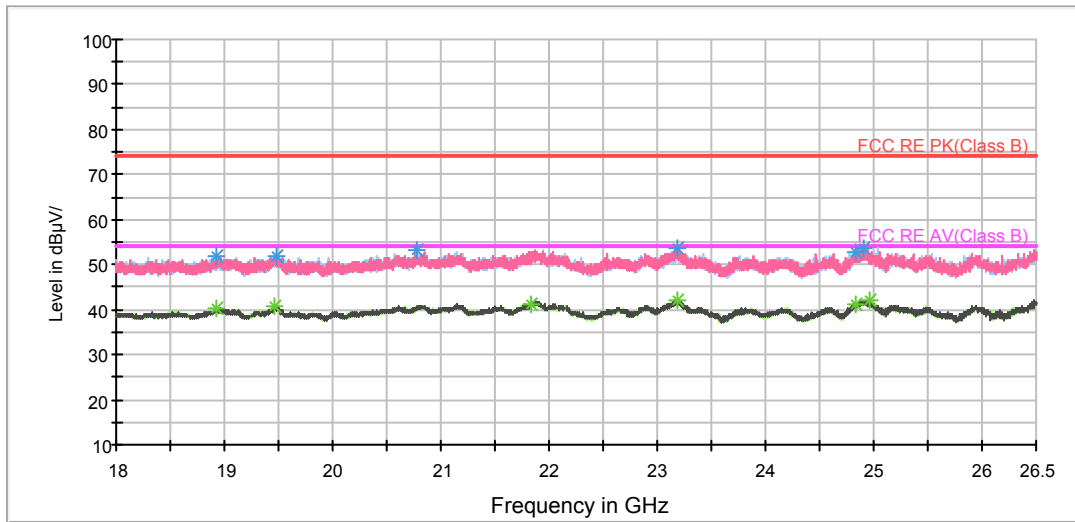
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9102.500000	47.6	150.0	V	139.0	38.0	9.6	26.4	74
9243.750000	49.2	150.0	H	240.0	39.4	9.8	24.8	74
11895.000000	49.5	150.0	V	0.0	37.4	12.1	24.5	74
12646.250000	52.8	150.0	H	185.0	38.5	14.3	21.2	74
15518.750000	57.0	150.0	V	0.0	37.4	19.6	17.0	74
17910.000000	63.1	150.0	V	11.0	37.6	25.5	10.9	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9157.500000	36.0	150.0	H	0.0	25.7	10.3	18.0	54
9232.500000	36.3	150.0	V	103.0	26.4	9.9	17.7	54
11898.750000	37.0	150.0	H	312.0	24.7	12.3	17.0	54
12641.250000	40.6	150.0	H	312.0	26.1	14.5	13.4	54
15438.750000	44.5	150.0	V	66.0	25.0	19.5	9.5	54
17998.750000	51.2	150.0	H	221.0	25.8	25.4	2.8	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18916.937500	51.9	H	246.0	51.8	0.1	22.1	74
19483.250000	51.8	H	229.0	51.7	0.1	22.2	74
20786.937500	53.1	H	270.0	55.0	-1.9	20.9	74
23182.875000	53.6	V	144.0	53.7	-0.1	20.4	74
24829.750000	52.9	H	246.0	52.7	0.2	21.1	74
24910.500000	53.6	H	270.0	53.0	0.6	20.4	74

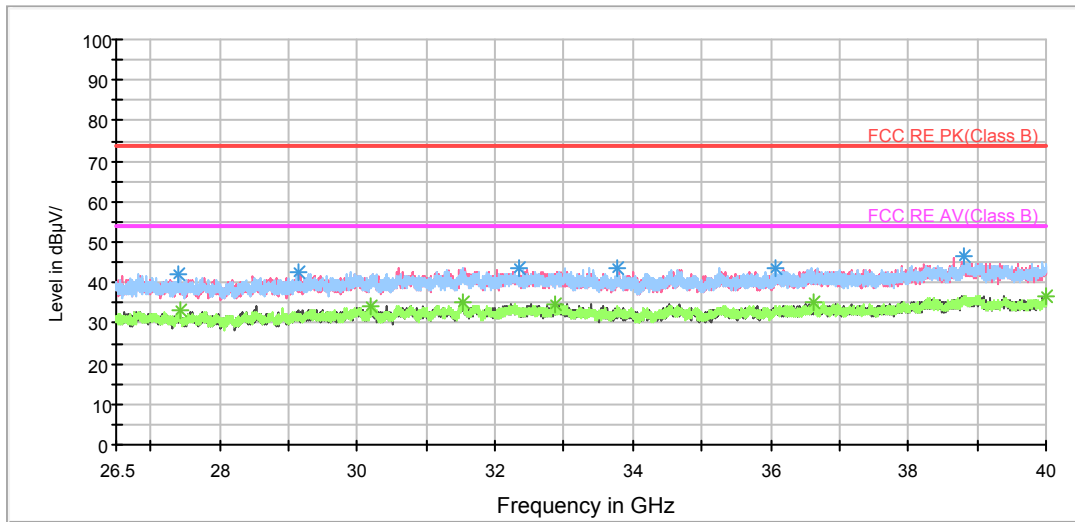
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18935.000000	40.2	H	246.0	40.1	0.1	13.8	54
19459.875000	40.7	H	174.0	40.6	0.1	13.3	54
21837.750000	41.2	V	90.0	43.1	-1.9	12.8	54
23192.437500	42.1	V	90.0	42.2	-0.1	11.9	54
24841.437500	41.1	H	270.0	40.8	0.3	12.9	54
24955.125000	42.0	V	127.0	41.1	0.9	12.0	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27399.437500	42.1	V	269.0	43.3	-1.2	31.9	74
29154.437500	42.7	V	270.0	43.8	-1.1	31.3	74
32350.562500	43.7	V	269.0	44.3	-0.6	30.3	74
33783.250000	43.6	H	190.0	44.9	-1.3	30.4	74
36083.312500	43.4	H	141.0	43.6	-0.2	30.6	74
38810.312500	46.6	H	161.0	43.8	2.8	27.4	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

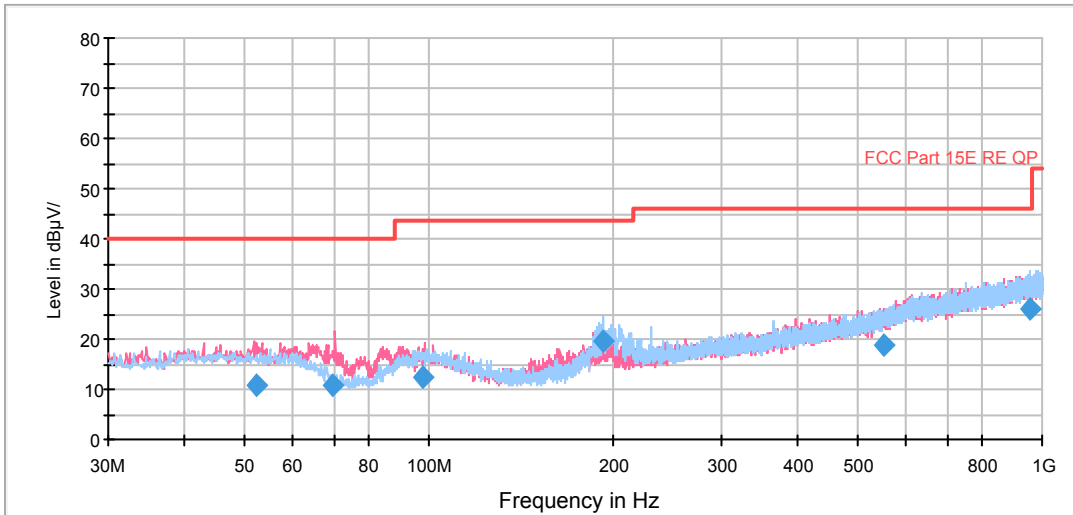
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27421.375000	33.0	H	221.0	34.2	-1.2	21.0	54
30195.625000	34.3	H	94.0	34.7	-0.4	19.7	54
31542.250000	35.3	V	242.0	35.8	-0.5	18.7	54
32865.250000	34.8	H	131.0	35.6	-0.8	19.2	54
36621.625000	35.2	H	211.0	35.3	-0.1	18.8	54
39989.875000	36.7	H	180.0	34.4	2.3	17.3	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



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FCC RE 0.03-1GHz QP Class B

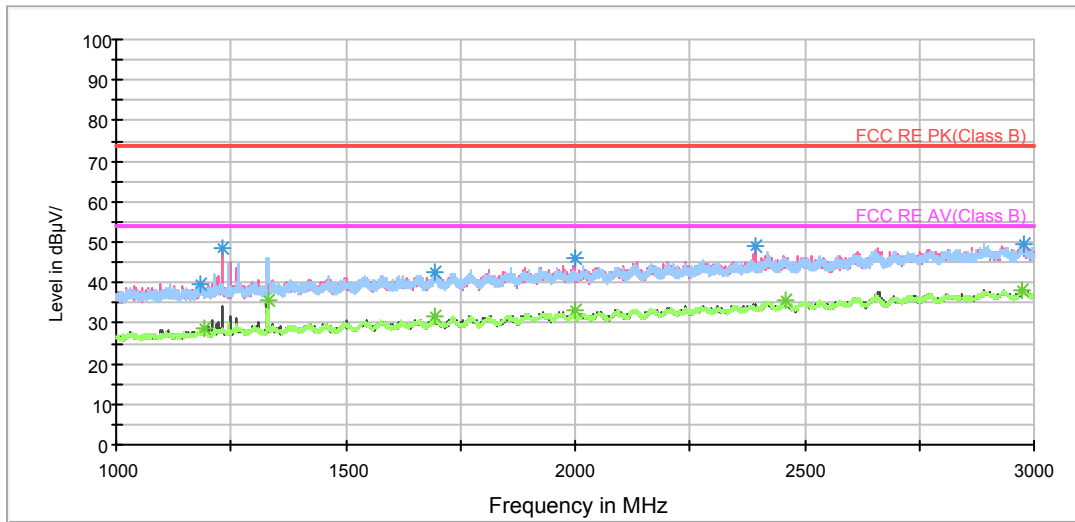


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
52.385000	10.9	100.0	V	28.0	-2.0	12.9	29.1	40.0
69.816250	10.7	100.0	V	57.0	2.0	8.7	29.3	40.0
97.865000	12.4	125.0	V	238.0	-0.5	12.9	31.1	43.5
192.355000	19.5	125.0	H	85.0	7.9	11.6	24.0	43.5
551.975000	18.6	100.0	V	321.0	-3.0	21.6	27.4	46.0
959.377500	26.1	125.0	H	245.0	-1.3	27.4	19.9	46.0

- Remark: 1. Quasi-Peak = Reading value + Correction factor  
 2. Correction Factor = Antenna factor+ Insertion loss(cable loss+amplifier gain)  
 3. Margin = Limit – Quasi-Peak

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1181.250000	39.8	100.0	V	134.0	47.8	-8.0	34.2	74
1230.500000	48.5	100.0	V	251.0	56.2	-7.7	25.5	74
1693.750000	42.6	100.0	V	0.0	47.6	-5.0	31.4	74
1998.250000	46.0	100.0	V	331.0	49.4	-3.4	28.0	74
2392.500000	48.9	100.0	V	251.0	50.2	-1.3	25.1	74
2980.250000	49.5	100.0	H	0.0	47.3	2.2	24.5	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1192.000000	28.8	100.0	H	308.0	37.0	-8.2	25.2	54
1331.500000	35.4	100.0	H	124.0	42.8	-7.4	18.6	54
1693.500000	31.8	100.0	V	243.0	36.8	-5.0	22.2	54
1998.250000	33.3	100.0	V	331.0	36.7	-3.4	20.7	54
2457.750000	35.6	100.0	V	0.0	36.1	-0.5	18.4	54
2975.250000	38.3	100.0	H	1.0	36.1	2.2	15.7	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.  
Radiates Emission from 3GHz to 8GHz

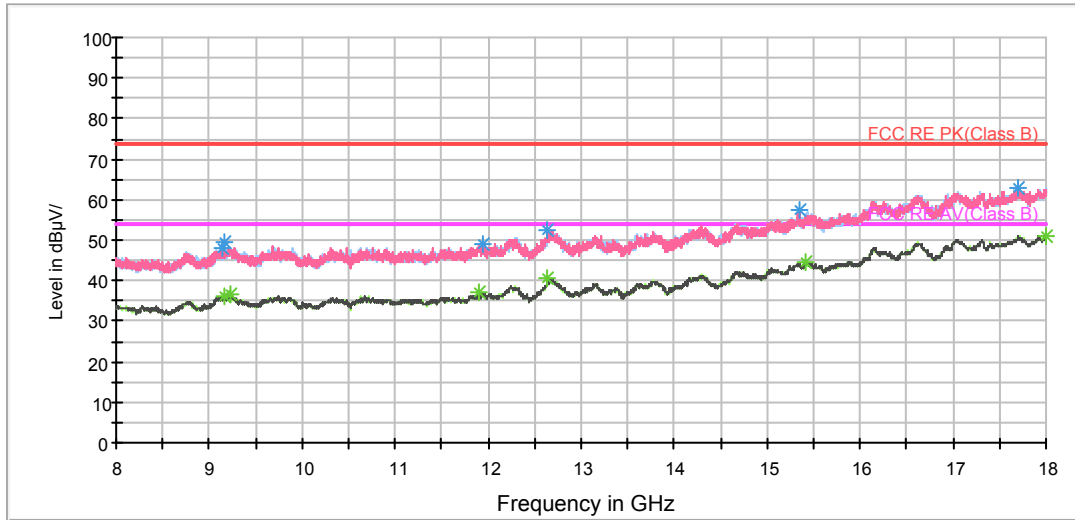
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3326.250000	50.7	100.0	V	0.0	52.8	-2.1	23.3	74
3987.500000	55.0	100.0	V	206.0	56.0	-1.0	19.0	74
4652.500000	45.5	100.0	V	0.0	44.7	0.8	28.5	74
5327.500000	48.3	100.0	V	206.0	46.0	2.3	25.7	74
5950.000000	46.8	100.0	H	223.0	42.1	4.7	27.2	74
7987.500000	48.3	100.0	V	0.0	40.9	7.4	25.7	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3348.750000	28.0	100.0	V	87.0	30.3	-2.3	26.0	54
3983.125000	29.4	100.0	V	0.0	30.4	-1.0	24.6	54
4882.500000	30.2	100.0	H	0.0	28.3	1.9	23.8	54
6173.125000	34.2	100.0	H	206.0	28.7	5.5	19.8	54
6996.875000	35.0	100.0	V	274.0	28.5	6.5	19.0	54
7537.500000	33.9	100.0	V	121.0	26.9	7.0	20.1	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 3-18GHz PK+AV



Radiates Emission from 8GHz to 18GHz

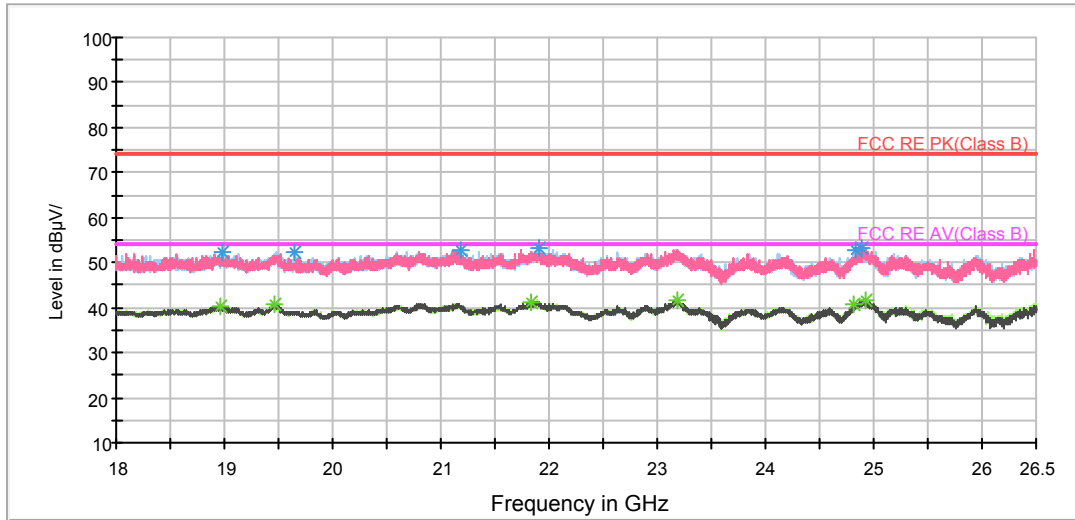
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9152.500000	48.2	150.0	V	49.0	38.0	10.2	25.8	74
9163.750000	49.3	150.0	H	311.0	39.0	10.3	24.7	74
11936.250000	48.8	150.0	V	139.0	37.1	11.7	25.2	74
12643.750000	52.7	150.0	V	12.0	38.3	14.4	21.3	74
15340.000000	57.4	150.0	V	67.0	38.6	18.8	16.6	74
17698.750000	62.9	150.0	H	311.0	38.2	24.7	11.1	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9155.000000	35.9	150.0	V	211.0	25.6	10.3	18.1	54
9233.750000	36.4	150.0	V	67.0	26.5	9.9	17.6	54
11898.750000	37.1	150.0	H	0.0	24.8	12.3	16.9	54
12638.750000	40.6	150.0	V	85.0	26.2	14.4	13.4	54
15418.750000	44.3	150.0	H	0.0	24.9	19.4	9.7	54
17998.750000	51.0	150.0	V	175.0	25.6	25.4	3.0	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

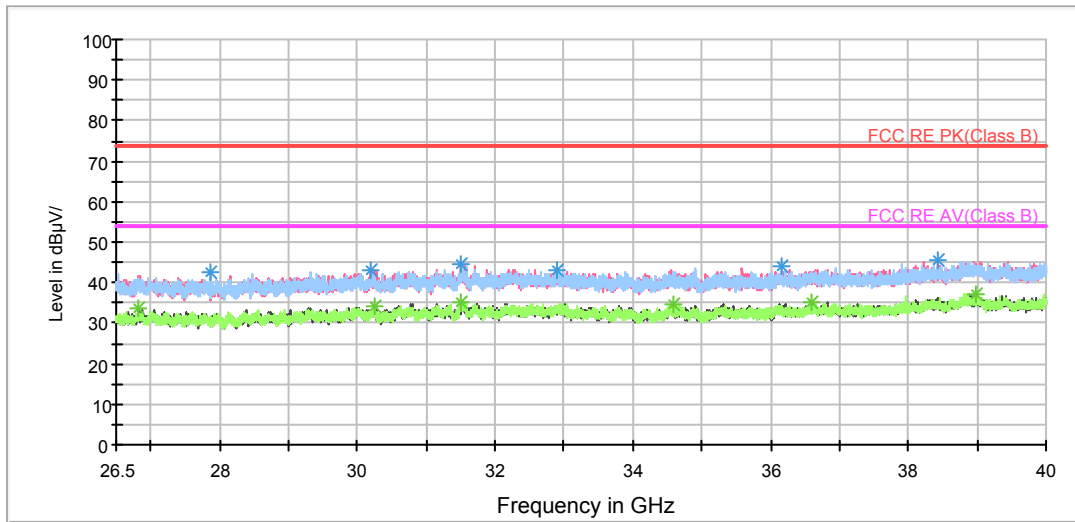
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18976.437500	52.5	V	212.0	52.6	-0.1	21.5	74
19652.187500	52.3	H	246.0	52.7	-0.4	21.7	74
21185.375000	52.9	V	90.0	54.4	-1.5	21.1	74
21903.625000	53.4	H	270.0	55.0	-1.6	20.6	74
24837.187500	52.7	H	270.0	52.4	0.3	21.3	74
24891.375000	53.1	V	157.0	52.6	0.5	20.9	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18972.187500	40.2	V	129.0	40.3	-0.1	13.8	54
19458.812500	40.6	V	90.0	40.6	0.0	13.4	54
21835.625000	41.0	V	251.0	42.9	-1.9	13.0	54
23185.000000	41.5	V	103.0	41.6	-0.1	12.5	54
24817.000000	40.8	H	90.0	40.6	0.2	13.2	54
24921.125000	41.6	V	147.0	40.9	0.7	12.4	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27860.125000	42.4	H	118.0	44.0	-1.6	31.6	74
30197.312500	43.1	V	256.0	43.5	-0.4	30.9	74
31505.125000	44.6	V	230.0	45.1	-0.5	29.4	74
32899.000000	43.2	H	241.0	44.0	-0.8	30.8	74
36157.562500	43.8	H	165.0	44.0	-0.2	30.2	74
38417.125000	45.5	V	191.0	43.3	2.2	28.5	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
26822.312500	33.7	V	172.0	34.4	-0.7	20.3	54
30253.000000	34.1	V	90.0	34.5	-0.4	19.9	54
31508.500000	35.2	V	108.0	35.7	-0.5	18.8	54
34574.687500	34.9	V	248.0	35.9	-1.0	19.1	54
36596.312500	35.0	V	211.0	35.1	-0.1	19.0	54
38995.937500	37.2	V	131.0	34.2	3.0	16.8	54

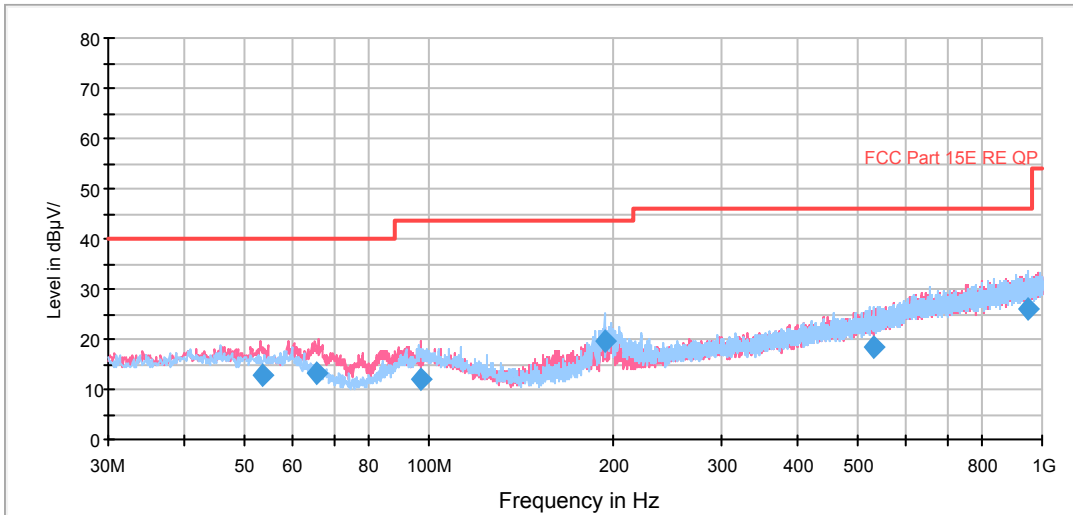
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)





802.11n (HT20) CH157

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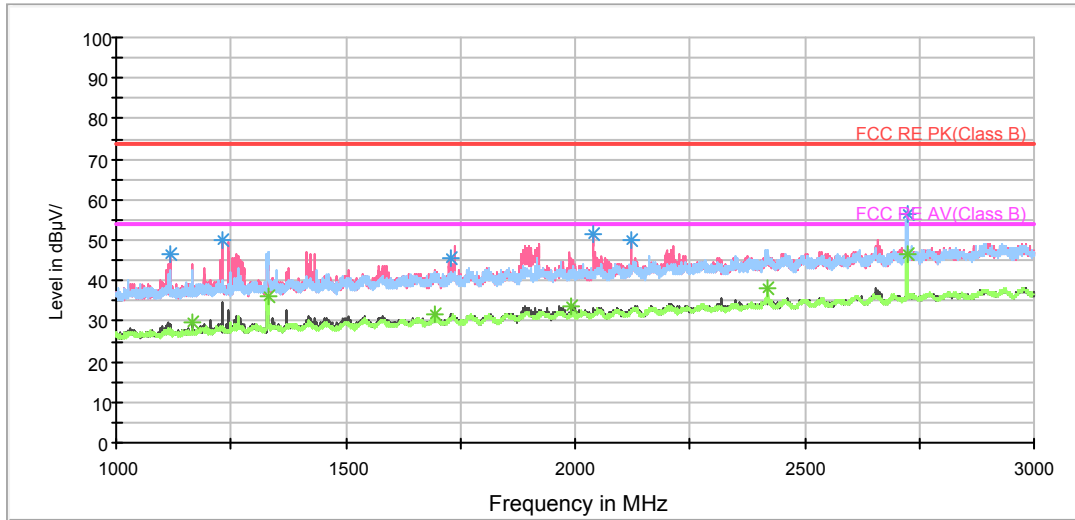


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
53.398750	13.0	100.0	V	306.0	0.2	12.8	27.0	40.0
65.411250	13.4	100.0	V	265.0	3.0	10.4	26.6	40.0
96.768750	12.2	114.0	V	257.0	-0.7	12.9	31.3	43.5
193.682500	19.5	125.0	H	81.0	7.7	11.8	24.0	43.5
531.981250	18.4	100.0	H	22.0	-2.9	21.3	27.6	46.0
947.542500	25.8	113.0	H	124.0	-1.4	27.2	20.2	46.0

- Remark: 1. Quasi-Peak = Reading value + Correction factor  
 2. Correction Factor = Antenna factor+ Insertion loss(cable loss+amplifier gain)  
 3. Margin = Limit – Quasi-Peak

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

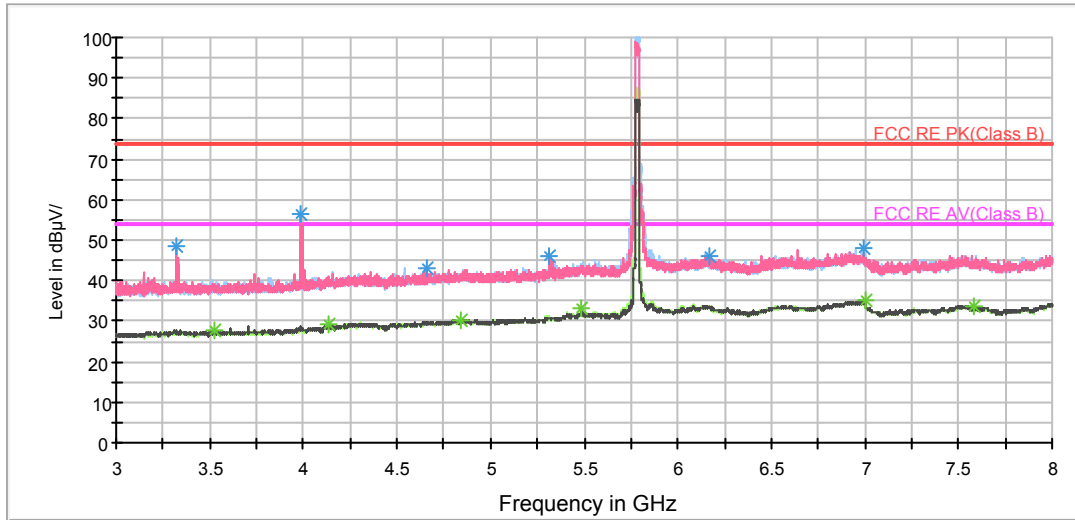
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1118.000000	46.4	100.0	V	340.0	55.0	-8.6	27.6	74
1232.250000	49.9	100.0	V	259.0	57.7	-7.8	24.1	74
1729.000000	45.6	100.0	V	0.0	50.7	-5.1	28.4	74
2041.000000	51.5	100.0	V	268.0	54.7	-3.2	22.5	74
2121.750000	50.1	100.0	V	193.0	52.3	-2.2	23.9	74
2723.750000	56.4	100.0	H	71.0	56.0	0.4	17.6	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1166.750000	29.9	100.0	V	285.0	38.1	-8.2	24.1	54
1331.000000	36.4	100.0	H	124.0	43.8	-7.4	17.6	54
1695.750000	31.8	100.0	V	231.0	36.8	-5.0	22.2	54
1992.000000	33.8	100.0	V	268.0	37.1	-3.3	20.2	54
2420.750000	38.2	100.0	H	71.0	38.8	-0.6	15.8	54
2725.750000	46.6	100.0	H	71.0	46.2	0.4	7.4	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.  
Radiates Emission from 3GHz to 8GHz

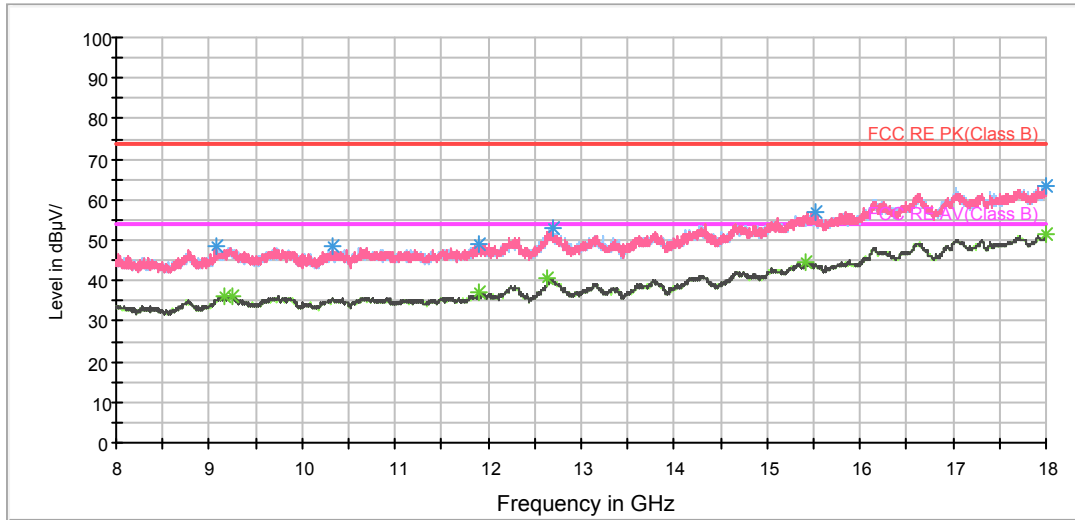
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3323.125000	48.4	100.0	V	223.0	50.5	-2.1	25.6	74
3985.625000	56.4	100.0	V	240.0	57.4	-1.0	17.6	74
4661.875000	43.3	100.0	V	309.0	42.6	0.7	30.7	74
5313.750000	46.2	100.0	V	240.0	43.8	2.4	27.8	74
6171.250000	45.8	100.0	H	171.0	40.3	5.5	28.2	74
6995.625000	47.8	100.0	H	305.0	41.3	6.5	26.2	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3519.375000	27.9	100.0	V	240.0	29.9	-2.0	26.1	54
4133.125000	29.1	100.0	V	223.0	29.4	-0.3	24.9	54
4843.750000	30.3	100.0	V	240.0	28.7	1.6	23.7	54
5488.750000	32.9	100.0	H	0.0	29.8	3.1	21.1	54
6999.375000	35.1	100.0	V	136.0	28.6	6.5	18.9	54
7586.875000	33.5	100.0	V	53.0	26.4	7.1	20.5	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 3-18GHz PK+AV



Radiates Emission from 8GHz to 18GHz

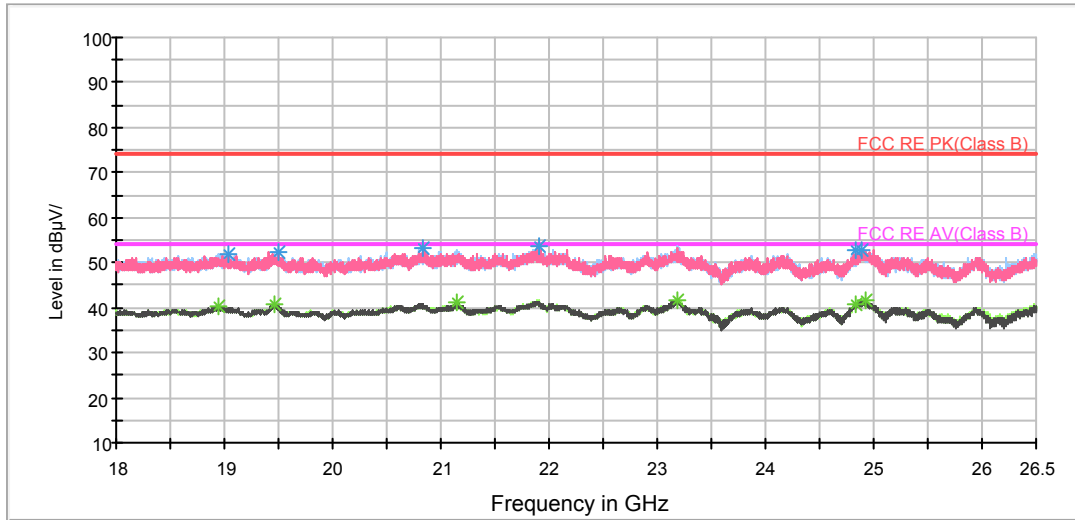
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9073.750000	48.5	150.0	V	195.0	39.2	9.3	25.5	74
10321.250000	48.4	150.0	H	0.0	38.2	10.2	25.6	74
11900.000000	48.9	150.0	V	0.0	36.6	12.3	25.1	74
12695.000000	53.0	150.0	H	111.0	38.9	14.1	21.0	74
15522.500000	57.1	150.0	V	48.0	37.6	19.5	16.9	74
17990.000000	63.2	150.0	V	84.0	38.0	25.2	10.8	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9156.250000	35.9	150.0	V	195.0	25.6	10.3	18.1	54
9248.750000	36.4	150.0	H	349.0	26.7	9.7	17.6	54
11895.000000	37.1	150.0	H	111.0	25.0	12.1	16.9	54
12637.500000	40.6	150.0	V	84.0	26.3	14.3	13.4	54
15417.500000	44.6	150.0	V	286.0	25.3	19.3	9.4	54
17998.750000	51.3	150.0	H	349.0	25.9	25.4	2.7	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

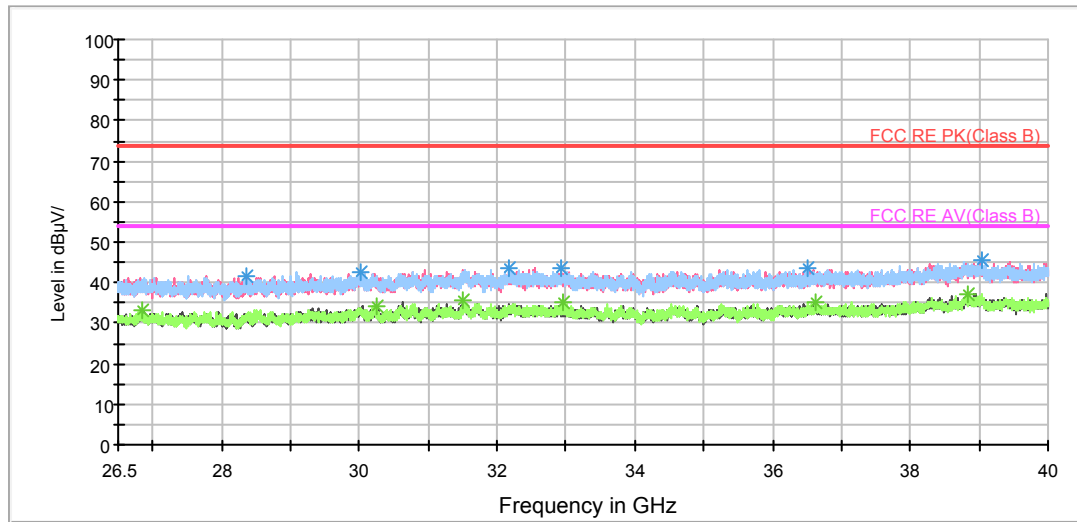
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
19034.875000	51.9	H	136.0	52.2	-0.3	22.1	74
19502.375000	52.3	V	130.0	52.2	0.1	21.7	74
20830.500000	53.2	H	164.0	55.3	-2.1	20.8	74
21915.312500	53.7	H	201.0	55.2	-1.5	20.3	74
24832.937500	52.7	H	228.0	52.5	0.2	21.3	74
24883.937500	53.0	H	264.0	52.5	0.5	21.0	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18944.562500	40.1	V	185.0	40.1	0.0	13.9	54
19467.312500	40.6	V	130.0	40.5	0.1	13.4	54
21151.375000	41.0	H	145.0	42.4	-1.4	13.0	54
23182.875000	41.8	H	164.0	41.9	-0.1	12.2	54
24837.187500	40.8	H	270.0	40.5	0.3	13.2	54
24921.125000	41.5	V	90.0	40.8	0.7	12.5	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28361.312500	41.7	V	250.0	43.2	-1.5	32.3	74
30010.000000	42.6	V	259.0	43.0	-0.4	31.4	74
32161.562500	43.4	H	201.0	43.9	-0.5	30.6	74
32929.375000	43.7	V	270.0	44.5	-0.8	30.3	74
36511.937500	43.4	V	118.0	43.5	-0.1	30.6	74
39036.437500	45.3	H	90.0	42.3	3.0	28.7	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

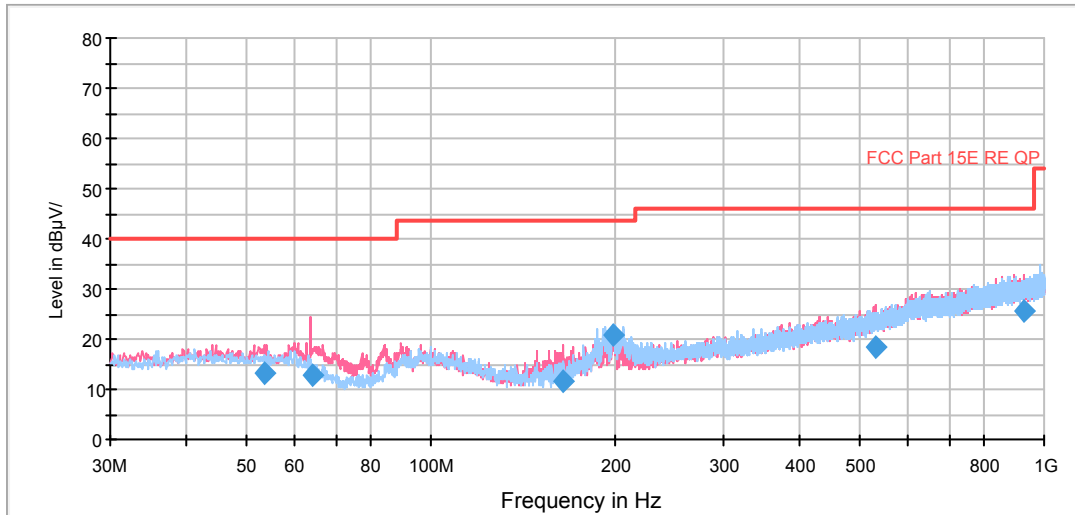
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
26835.812500	33.2	V	190.0	33.9	-0.7	20.8	54
30246.250000	34.3	H	90.0	34.7	-0.4	19.7	54
31518.625000	35.5	H	161.0	36.0	-0.5	18.5	54
32959.750000	35.0	V	259.0	35.8	-0.8	19.0	54
36635.125000	35.4	H	242.0	35.5	-0.1	18.6	54
38832.250000	37.3	H	143.0	34.5	2.8	16.7	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



802.11n (HT20) CH165

FCC RE 0.03-1GHz QP Class B

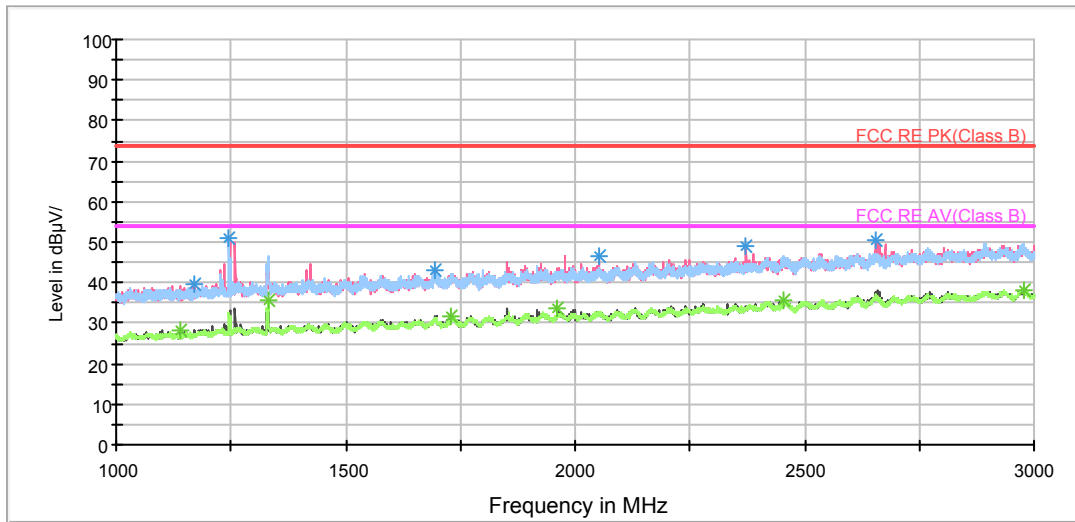


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
53.482500	13.0	100.0	V	289.0	0.2	12.8	27.0	40.0
64.186250	12.8	100.0	V	269.0	1.8	11.0	27.2	40.0
164.547500	11.6	100.0	V	220.0	1.6	10.0	31.9	43.5
198.098750	21.0	125.0	H	90.0	9.0	12.0	22.5	43.5
531.971250	18.4	100.0	V	28.0	-2.9	21.3	27.6	46.0
928.987500	25.6	114.0	V	349.0	-1.4	27.0	20.4	46.0

- Remark: 1. Quasi-Peak = Reading value + Correction factor  
 2. Correction Factor = Antenna factor+ Insertion loss(cable loss+amplifier gain)  
 3. Margin = Limit – Quasi-Peak

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1169.000000	39.5	100.0	V	268.0	47.6	-8.1	34.5	74
1246.500000	51.0	100.0	H	0.0	59.0	-8.0	23.0	74
1696.250000	43.0	100.0	V	177.0	48.0	-5.0	31.0	74
2053.750000	46.7	100.0	V	249.0	49.9	-3.2	27.3	74
2373.250000	49.1	100.0	V	84.0	50.6	-1.5	24.9	74
2656.000000	50.5	100.0	V	249.0	50.1	0.4	23.5	74

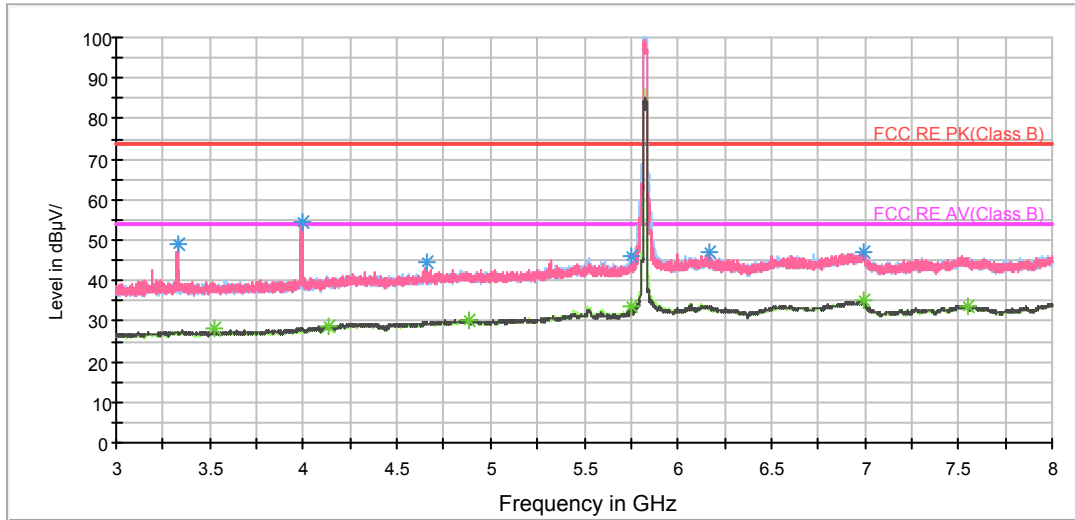
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1139.000000	28.4	100.0	V	285.0	36.9	-8.5	25.6	54
1332.000000	35.6	100.0	H	124.0	43.0	-7.4	18.4	54
1731.250000	31.7	100.0	V	357.0	36.6	-4.9	22.3	54
1962.750000	33.8	100.0	V	249.0	37.1	-3.3	20.2	54
2455.000000	35.7	100.0	V	0.0	36.3	-0.6	18.3	54
2978.750000	38.2	100.0	V	0.0	36.0	2.2	15.8	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.  
Radiates Emission from 3GHz to 8GHz

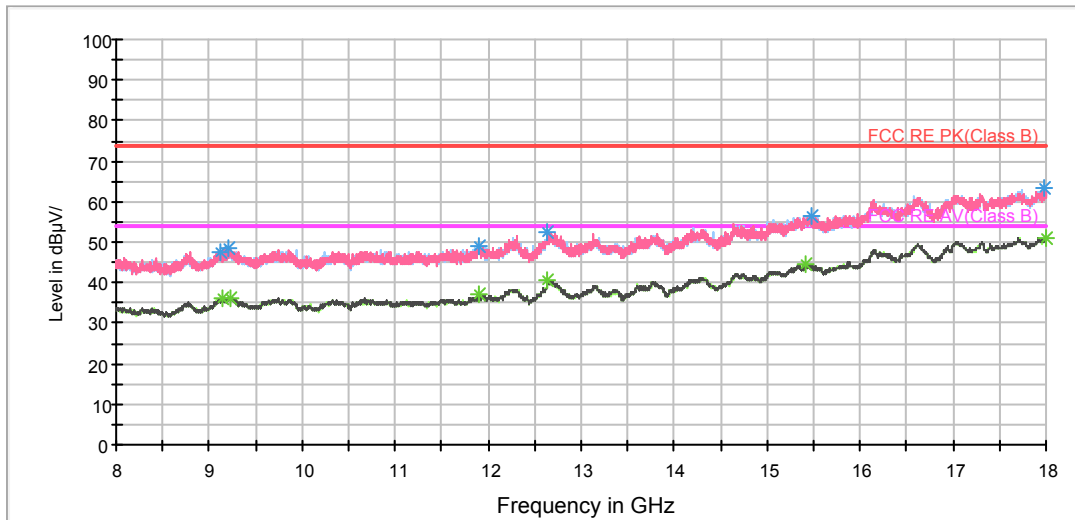
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3330.000000	49.1	100.0	V	223.0	51.3	-2.2	24.9	74
3992.500000	54.5	100.0	V	189.0	55.5	-1.0	19.5	74
4657.500000	44.6	100.0	V	55.0	43.8	0.8	29.4	74
5751.250000	45.9	100.0	H	226.0	42.3	3.6	28.1	74
6170.625000	46.9	100.0	V	105.0	41.4	5.5	27.1	74
6996.250000	46.8	100.0	V	291.0	40.3	6.5	27.2	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3519.375000	28.1	100.0	V	223.0	30.1	-2.0	25.9	54
4137.500000	28.8	100.0	V	0.0	29.1	-0.3	25.2	54
4879.375000	30.2	100.0	H	308.0	28.4	1.8	23.8	54
5747.500000	33.9	100.0	H	158.0	30.3	3.6	20.1	54
6996.250000	35.1	100.0	H	359.0	28.6	6.5	18.9	54
7547.500000	33.7	100.0	V	0.0	26.7	7.0	20.3	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 3-18GHz PK+AV



Radiates Emission from 8GHz to 18GHz

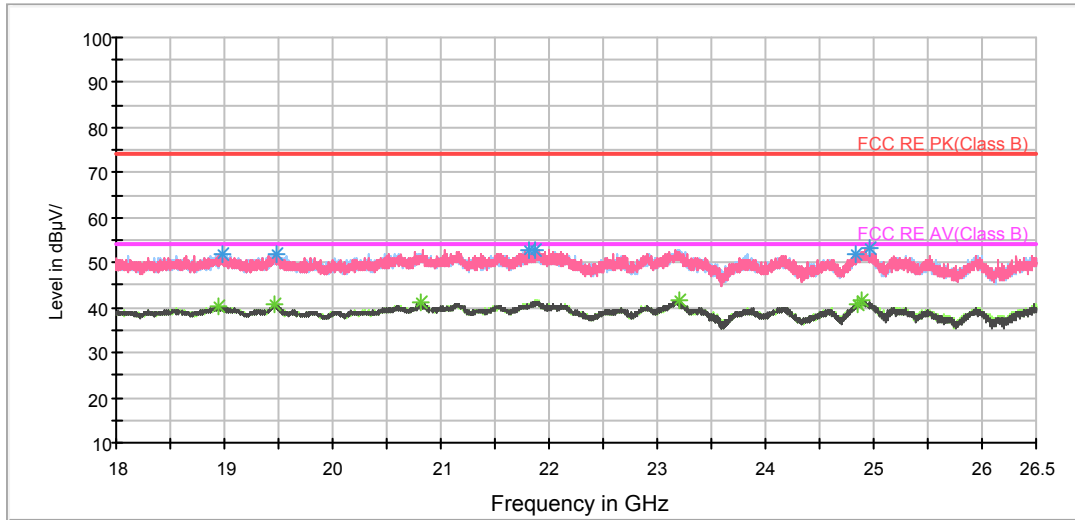
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9111.250000	47.7	150.0	V	0.0	37.9	9.8	26.3	74
9210.000000	48.6	150.0	H	0.0	38.5	10.1	25.4	74
11896.250000	49.0	150.0	V	0.0	36.8	12.2	25.0	74
12640.000000	52.3	150.0	H	313.0	37.7	14.6	21.7	74
15477.500000	56.7	150.0	V	195.0	36.8	19.9	17.3	74
17987.500000	63.4	150.0	V	306.0	38.3	25.1	10.6	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9152.500000	35.9	150.0	V	158.0	25.7	10.2	18.1	54
9238.750000	36.3	150.0	H	258.0	26.4	9.9	17.7	54
11898.750000	37.2	150.0	H	94.0	24.9	12.3	16.8	54
12641.250000	40.6	150.0	V	0.0	26.1	14.5	13.4	54
15418.750000	44.5	150.0	V	0.0	25.1	19.4	9.5	54
17998.750000	51.1	150.0	V	67.0	25.7	25.4	2.9	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

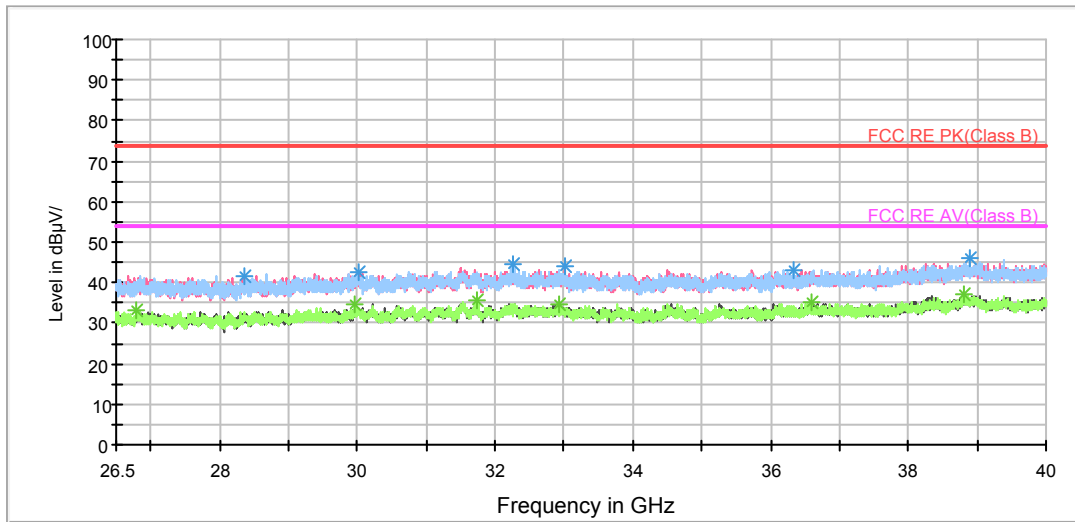
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18983.875000	51.8	H	238.0	51.9	-0.1	22.2	74
19484.312500	51.9	V	92.0	51.8	0.1	22.1	74
21819.687500	53.0	V	90.0	55.0	-2.0	21.0	74
21876.000000	52.8	H	270.0	54.5	-1.7	21.2	74
24824.437500	52.1	H	118.0	51.9	0.2	21.9	74
24954.062500	53.2	H	247.0	52.3	0.9	20.8	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18940.312500	40.1	V	92.0	40.1	0.0	13.9	54
19468.375000	40.6	V	174.0	40.5	0.1	13.4	54
20811.375000	41.0	H	270.0	43.0	-2.0	13.0	54
23197.750000	41.6	H	265.0	41.7	-0.1	12.4	54
24843.562500	40.8	V	118.0	40.5	0.3	13.2	54
24879.687500	41.6	H	107.0	41.1	0.5	12.4	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28373.125000	41.6	V	249.0	43.1	-1.5	32.4	74
30016.750000	42.4	V	258.0	42.8	-0.4	31.6	74
32254.375000	44.4	H	270.0	45.0	-0.6	29.6	74
33003.625000	43.9	V	258.0	44.8	-0.9	30.1	74
36346.562500	43.3	H	93.0	43.5	-0.2	30.7	74
38904.812500	46.0	H	203.0	43.1	2.9	28.0	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

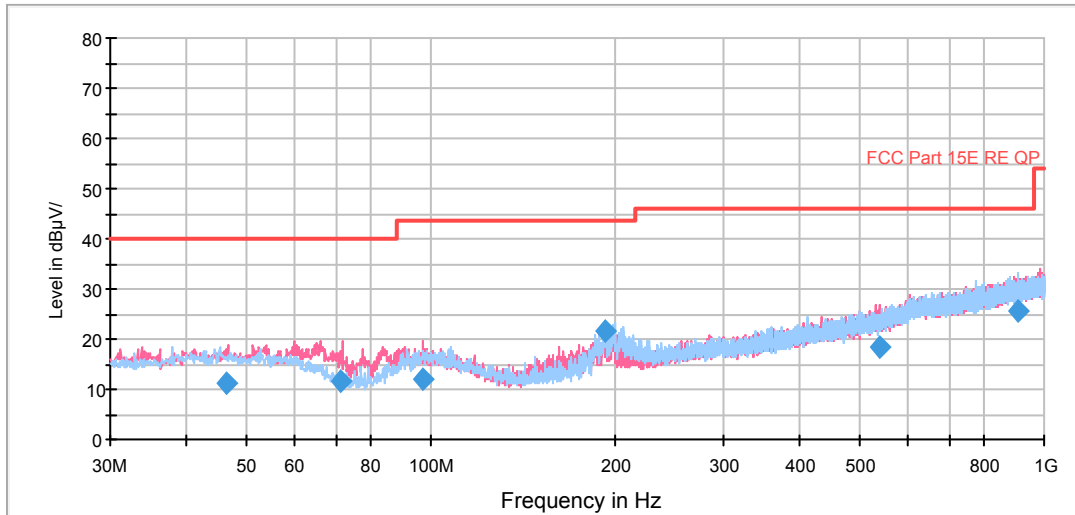
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
26803.750000	33.0	H	90.0	33.7	-0.7	21.0	54
29956.000000	34.5	H	90.0	34.9	-0.4	19.5	54
31724.500000	35.7	V	268.0	36.2	-0.5	18.3	54
32941.187500	34.8	V	268.0	35.6	-0.8	19.2	54
36596.312500	35.0	V	129.0	35.1	-0.1	19.0	54
38810.312500	36.9	H	193.0	34.1	2.8	17.1	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



802.11n (HT40) CH38

FCC RE 0.03-1GHz QP Class B

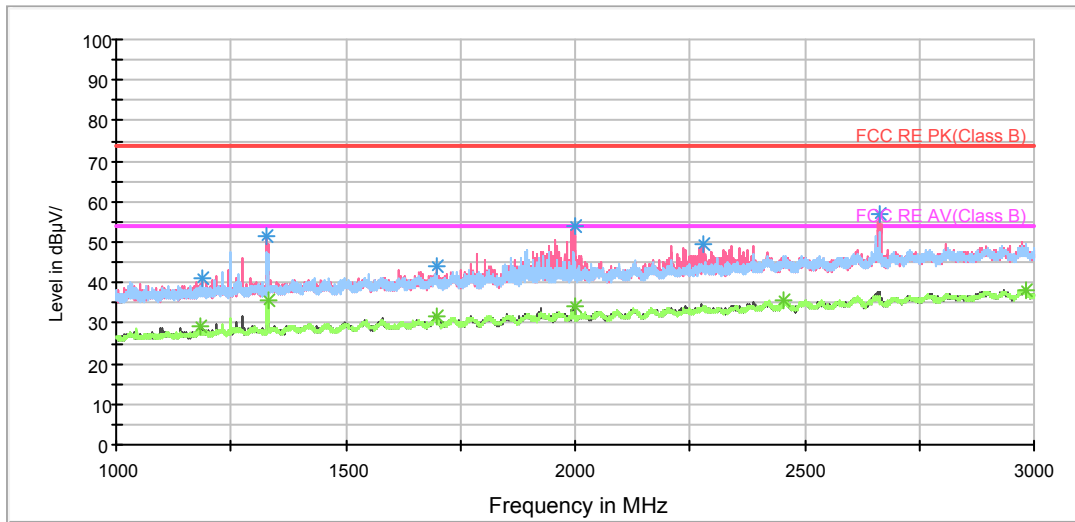


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
46.292500	11.0	111.0	V	240.0	-2.1	13.1	29.0	40.0
71.230000	11.4	100.0	V	324.0	2.8	8.6	28.6	40.0
97.291250	12.2	125.0	V	247.0	-0.7	12.9	31.3	43.5
192.271250	21.6	125.0	H	71.0	10.0	11.6	21.9	43.5
537.962500	18.4	100.0	V	187.0	-3.0	21.4	27.6	46.0
907.202500	25.5	114.0	H	186.0	-1.5	27.0	20.5	46.0

- Remark: 1. Quasi-Peak = Reading value + Correction factor  
 2. Correction Factor = Antenna factor+ Insertion loss(cable loss+amplifier gain)  
 3. Margin = Limit – Quasi-Peak

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

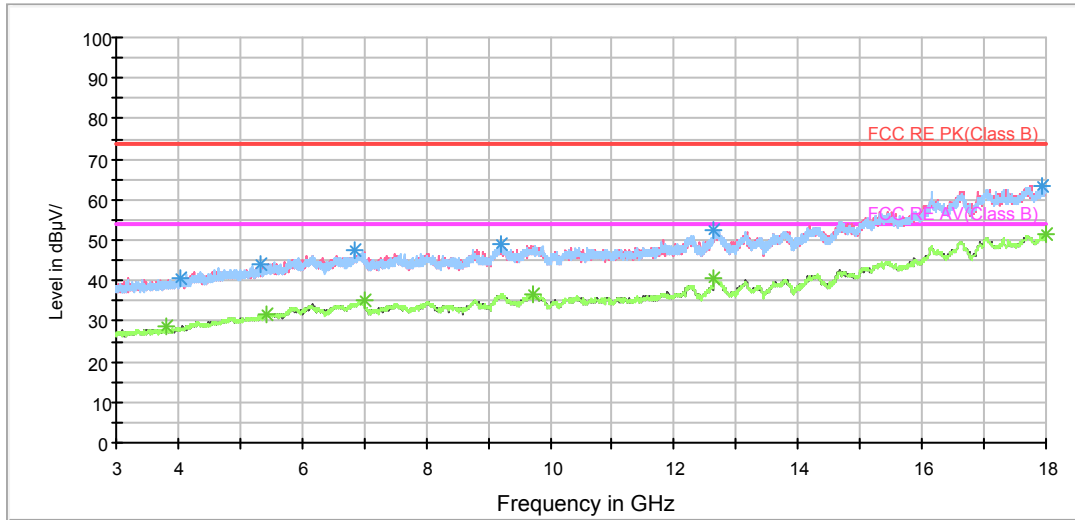
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1187.500000	41.0	100.0	V	272.0	49.1	-8.1	33.0	74
1327.750000	51.4	100.0	V	306.0	58.8	-7.4	22.6	74
1697.000000	44.2	100.0	V	272.0	49.2	-5.0	29.8	74
1998.500000	54.1	100.0	V	254.0	57.5	-3.4	19.9	74
2280.750000	49.4	100.0	V	272.0	50.7	-1.3	24.6	74
2664.500000	56.8	100.0	V	280.0	56.5	0.3	17.2	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1183.500000	29.4	100.0	V	306.0	37.5	-8.1	24.6	54
1331.000000	35.7	100.0	H	128.0	43.1	-7.4	18.3	54
1699.750000	31.9	100.0	V	236.0	36.9	-5.0	22.1	54
1998.500000	34.2	100.0	V	254.0	37.6	-3.4	19.8	54
2456.000000	35.6	100.0	V	263.0	36.1	-0.5	18.4	54
2981.250000	38.1	100.0	V	343.0	35.9	2.2	15.9	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 3-18GHz PK+AV\_BELL SWEEP



Note: The signal beyond the limit is carrier.  
Radiates Emission from 3GHz to 8GHz

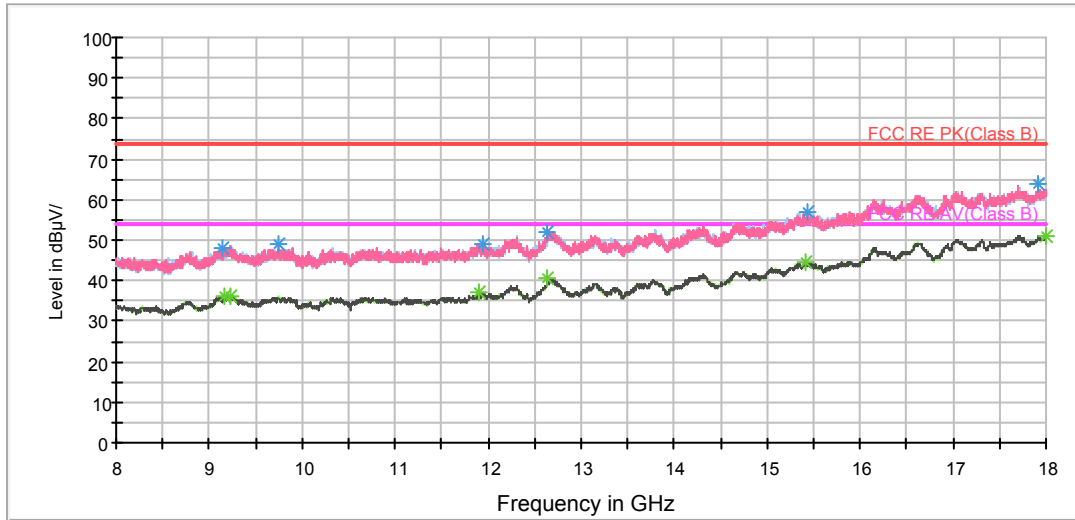
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
4020.000000	40.7	105.0	V	91.0	41.9	-1.2	33.3	74
5315.625000	44.0	155.0	H	208.0	41.6	2.4	30.0	74
6858.750000	47.5	155.0	H	277.0	41.7	5.8	26.5	74
9210.000000	48.8	205.0	H	0.0	38.7	10.1	25.2	74
12645.000000	52.6	155.0	H	254.0	38.2	14.4	21.4	74
17921.250000	63.3	205.0	H	63.0	37.6	25.7	10.7	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3795.000000	28.6	205.0	V	138.0	30.3	-1.7	25.4	54
5433.750000	31.7	105.0	V	324.0	28.9	2.8	22.3	54
6995.625000	34.9	155.0	V	41.0	28.4	6.5	19.1	54
9738.750000	36.7	155.0	V	41.0	26.7	10.0	17.3	54
12641.250000	40.8	205.0	V	230.0	26.3	14.5	13.2	54
18000.000000	51.5	205.0	H	0.0	26.0	25.5	2.5	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 3-18GHz PK+AV



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9133.750000	48.2	150.0	V	158.0	38.2	10.0	25.8	74
9736.250000	48.8	150.0	H	330.0	38.9	9.9	25.2	74
11953.750000	49.1	150.0	V	176.0	37.3	11.8	24.9	74
12637.500000	52.1	150.0	V	0.0	37.8	14.3	21.9	74
15436.250000	56.8	150.0	V	14.0	37.3	19.5	17.2	74
17921.250000	63.7	150.0	V	250.0	38.0	25.7	10.3	74

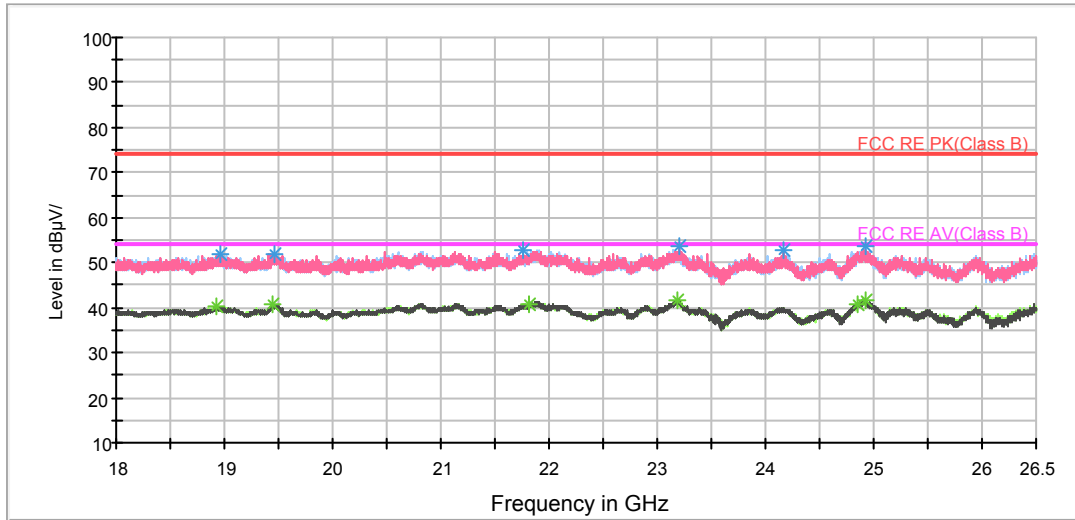
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9153.750000	36.1	150.0	V	86.0	25.9	10.2	17.9	54
9233.750000	36.3	150.0	H	330.0	26.4	9.9	17.7	54
11897.500000	37.1	150.0	V	212.0	24.9	12.2	16.9	54
12640.000000	40.7	150.0	V	0.0	26.1	14.6	13.3	54
15421.250000	44.5	150.0	H	330.0	25.1	19.4	9.5	54
17998.750000	51.2	150.0	V	67.0	25.8	25.4	2.8	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

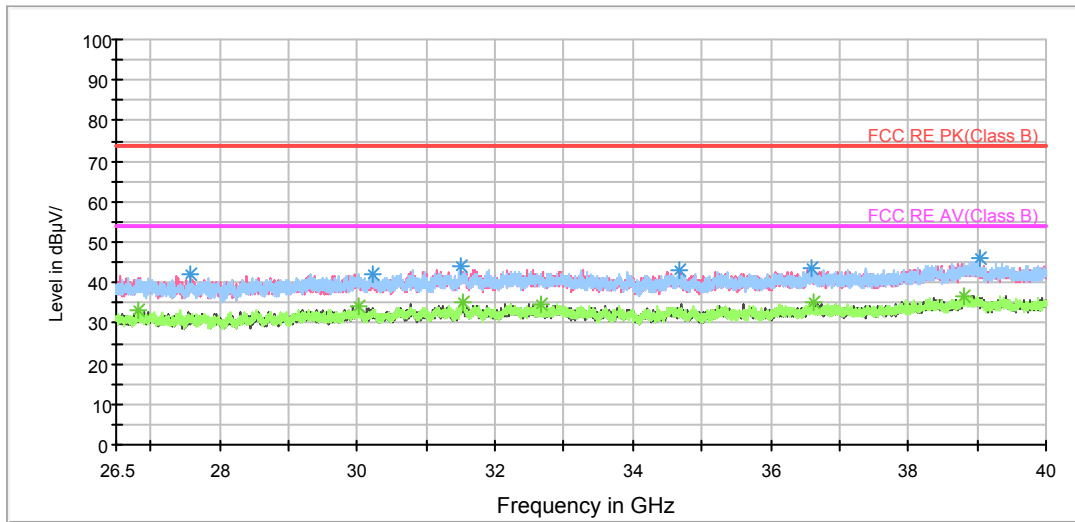
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18970.062500	51.9	V	221.0	52.0	-0.1	22.1	74
19468.375000	51.9	V	231.0	51.8	0.1	22.1	74
21761.250000	52.6	H	270.0	54.9	-2.3	21.4	74
23203.062500	53.5	V	90.0	53.6	-0.1	20.5	74
24172.062500	52.7	V	183.0	53.4	-0.7	21.3	74
24924.312500	53.5	H	220.0	52.8	0.7	20.5	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18930.750000	40.3	H	220.0	40.2	0.1	13.7	54
19446.062500	40.6	H	270.0	40.6	0.0	13.4	54
21822.875000	40.8	V	90.0	42.8	-2.0	13.2	54
23180.750000	41.5	H	220.0	41.6	-0.1	12.5	54
24843.562500	40.7	V	153.0	40.4	0.3	13.3	54
24924.312500	41.6	V	90.0	40.9	0.7	12.4	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27571.562500	42.1	V	230.0	43.4	-1.3	31.9	74
30219.250000	42.1	H	150.0	42.5	-0.4	31.9	74
31506.812500	44.0	H	94.0	44.5	-0.5	30.0	74
34665.812500	43.0	V	258.0	43.9	-0.9	31.0	74
36609.812500	43.7	H	90.0	43.8	-0.1	30.3	74
39029.687500	46.1	V	170.0	43.1	3.0	27.9	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

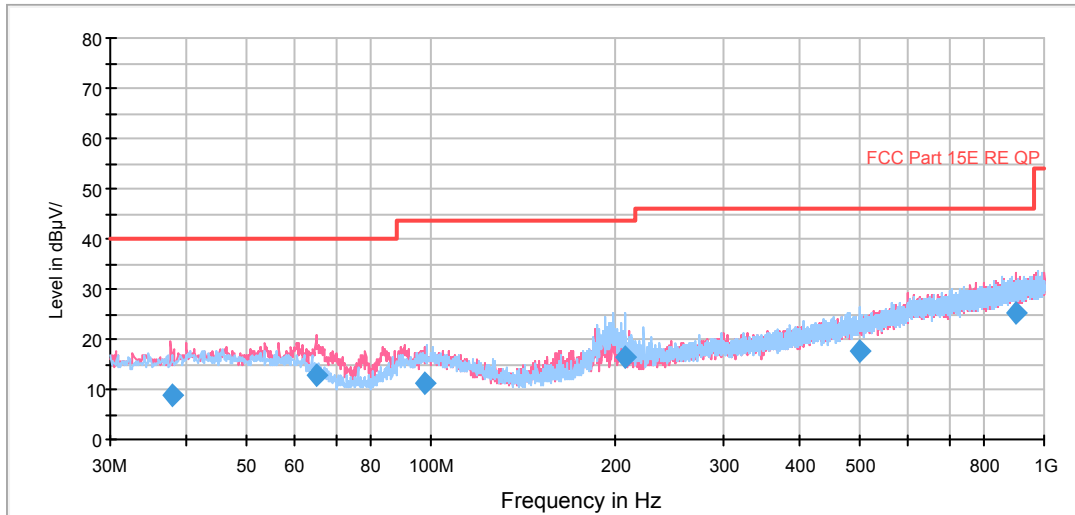
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
26822.312500	33.3	V	270.0	34.0	-0.7	20.7	54
30031.937500	34.3	V	151.0	34.7	-0.4	19.7	54
31547.312500	35.2	H	103.0	35.7	-0.5	18.8	54
32661.062500	34.7	V	270.0	35.4	-0.7	19.3	54
36619.937500	34.9	H	179.0	35.0	-0.1	19.1	54
38793.437500	36.8	H	170.0	34.1	2.7	17.2	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



802.11n (HT40) CH46

FCC RE 0.03-1GHz QP Class B

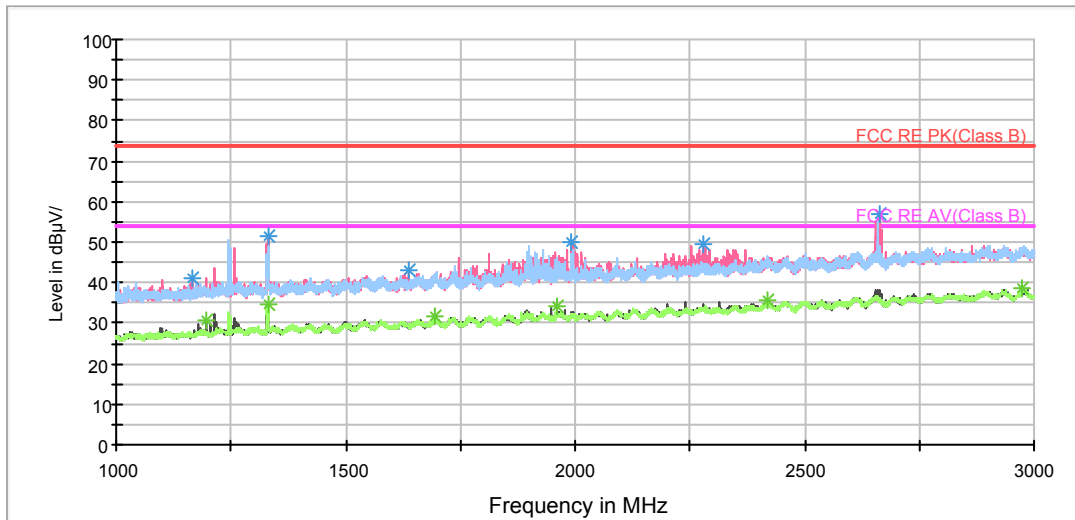


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
37.838750	8.9	100.0	V	215.0	-3.8	12.7	31.1	40.0
64.962500	12.7	100.0	V	28.0	2.0	10.7	27.3	40.0
98.066250	11.3	125.0	H	288.0	-1.7	13.0	32.2	43.5
208.236250	16.4	125.0	H	272.0	4.0	12.4	27.1	43.5
499.037500	17.5	100.0	H	113.0	-3.1	20.6	28.5	46.0
899.482500	25.3	125.0	V	22.0	-1.5	26.8	20.7	46.0

- Remark: 1. Quasi-Peak = Reading value + Correction factor  
 2. Correction Factor = Antenna factor+ Insertion loss(cable loss+amplifier gain)  
 3. Margin = Limit – Quasi-Peak

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

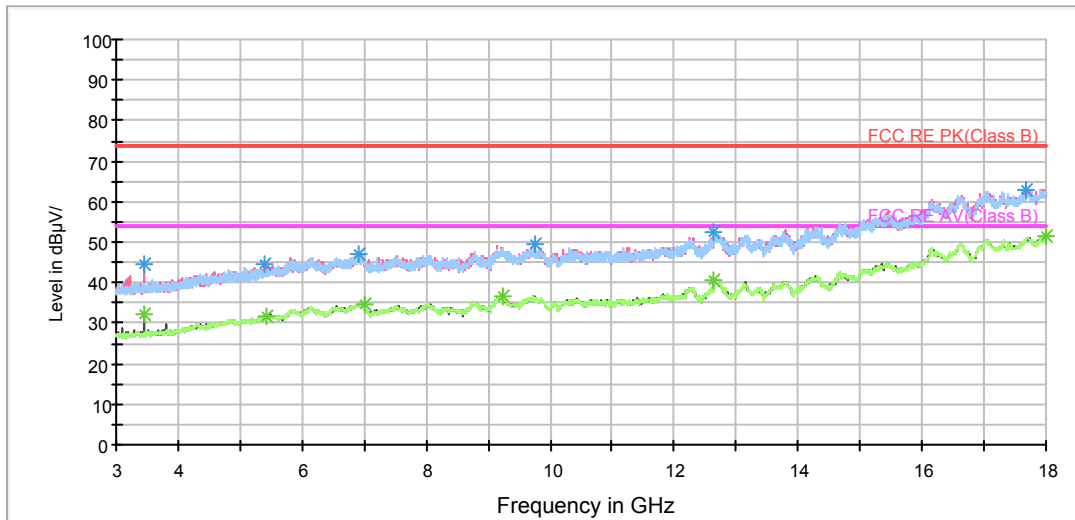
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1165.750000	40.9	100.0	V	237.0	49.1	-8.2	33.1	74
1332.500000	51.3	100.0	V	128.0	58.7	-7.4	22.7	74
1636.000000	42.9	100.0	V	306.0	47.6	-4.7	31.1	74
1993.000000	50.1	100.0	V	128.0	53.4	-3.3	23.9	74
2277.500000	49.4	100.0	V	110.0	50.8	-1.4	24.6	74
2664.250000	56.8	100.0	V	237.0	56.5	0.3	17.2	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1197.000000	30.9	100.0	V	298.0	39.1	-8.2	23.1	54
1330.750000	34.9	100.0	H	133.0	42.3	-7.4	19.1	54
1693.000000	31.8	100.0	V	191.0	36.8	-5.0	22.2	54
1960.500000	34.0	100.0	V	280.0	37.2	-3.2	20.0	54
2418.500000	35.5	100.0	H	142.0	36.1	-0.6	18.5	54
2972.000000	38.4	100.0	H	0.0	36.2	2.2	15.6	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 3-18GHz PK+AV\_BELL SWEEP



Note: The signal beyond the limit is carrier.  
Radiates Emission from 3GHz to 8GHz

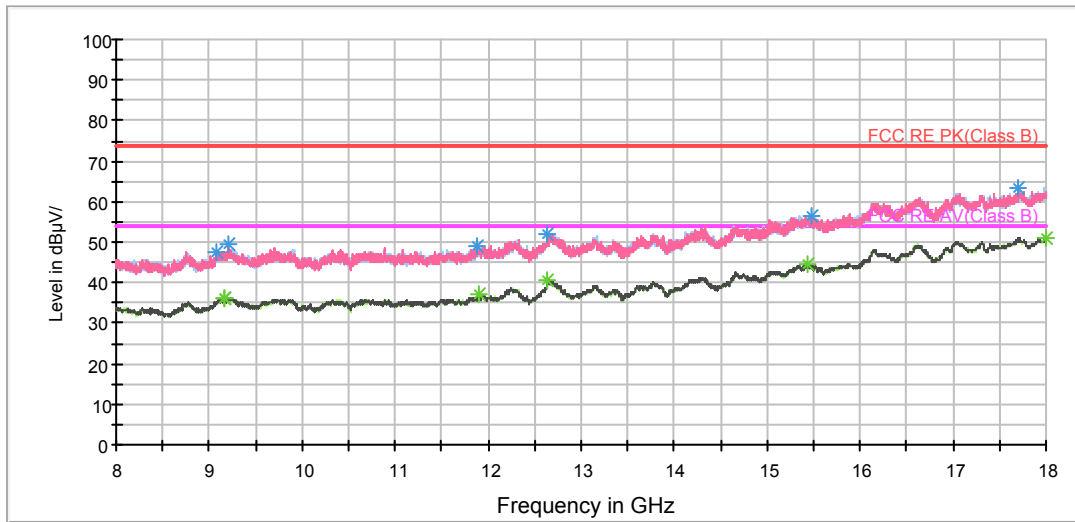
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3450.000000	44.7	105.0	V	115.0	46.9	-2.2	29.3	74
5398.125000	44.3	155.0	V	176.0	41.8	2.5	29.7	74
6920.625000	47.1	105.0	H	131.0	40.9	6.2	26.9	74
9740.625000	49.4	205.0	V	208.0	39.4	10.0	24.6	74
12646.875000	52.4	205.0	H	0.0	38.1	14.3	21.6	74
17683.125000	63.0	155.0	H	321.0	38.4	24.6	11.0	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3450.000000	32.2	105.0	V	115.0	34.4	-2.2	21.8	54
5439.375000	31.7	155.0	H	298.0	28.8	2.9	22.3	54
6997.500000	34.9	105.0	V	0.0	28.4	6.5	19.1	54
9234.375000	36.7	155.0	V	222.0	26.8	9.9	17.3	54
12641.250000	40.8	205.0	V	230.0	26.3	14.5	13.2	54
17996.250000	51.6	105.0	V	0.0	26.2	25.4	2.4	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 3-18GHz PK+AV



Radiates Emission from 8GHz to 18GHz

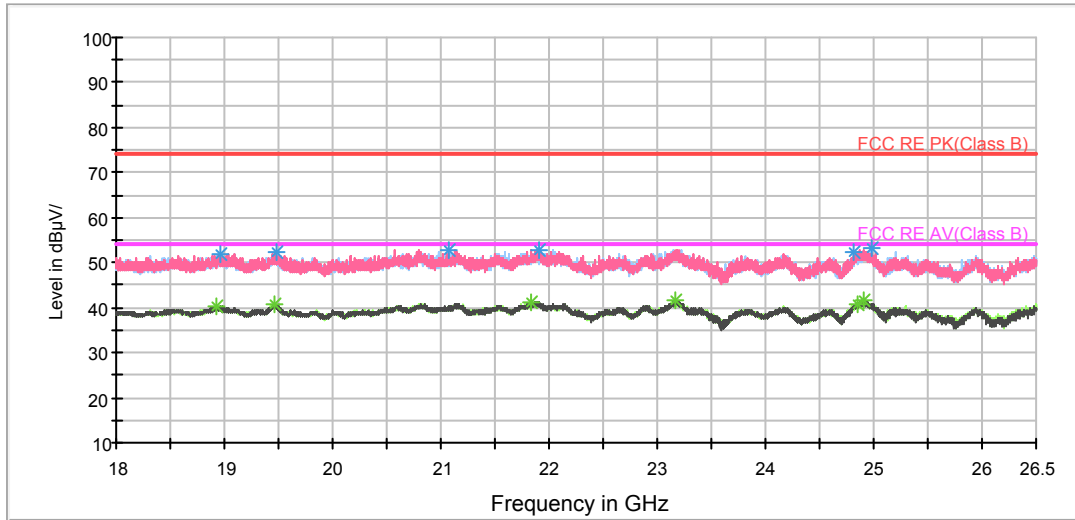
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9086.250000	47.8	150.0	H	112.0	38.4	9.4	26.2	74
9207.500000	49.4	150.0	V	121.0	39.3	10.1	24.6	74
11882.500000	48.9	150.0	V	31.0	37.3	11.6	25.1	74
12640.000000	52.2	150.0	V	31.0	37.6	14.6	21.8	74
15470.000000	56.6	150.0	V	0.0	36.9	19.7	17.4	74
17708.750000	63.2	150.0	V	193.0	38.5	24.7	10.8	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9157.500000	35.9	150.0	H	222.0	25.6	10.3	18.1	54
9160.000000	36.3	150.0	V	121.0	25.9	10.4	17.7	54
11900.000000	37.1	150.0	V	48.0	24.8	12.3	16.9	54
12640.000000	40.8	150.0	V	31.0	26.2	14.6	13.2	54
15438.750000	44.5	150.0	V	0.0	25.0	19.5	9.5	54
17992.500000	51.1	150.0	H	112.0	25.8	25.3	2.9	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

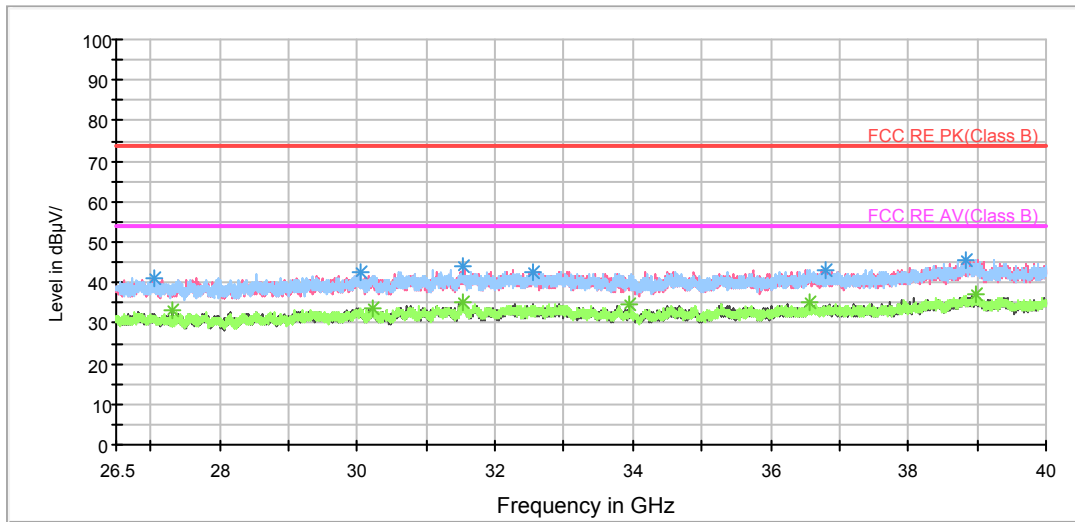
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18965.812500	52.0	V	222.0	52.1	-0.1	22.0	74
19476.875000	52.1	H	245.0	52.0	0.1	21.9	74
21068.500000	52.8	H	270.0	54.3	-1.5	21.2	74
21902.562500	52.9	H	126.0	54.5	-1.6	21.1	74
24820.187500	52.2	H	182.0	52.0	0.2	21.8	74
24973.187500	53.0	H	107.0	52.0	1.0	21.0	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18932.875000	40.2	V	90.0	40.1	0.1	13.8	54
19467.312500	40.6	H	270.0	40.5	0.1	13.4	54
21839.875000	41.0	V	103.0	42.9	-1.9	13.0	54
23158.437500	41.5	V	90.0	41.6	-0.1	12.5	54
24843.562500	40.9	V	90.0	40.6	0.3	13.1	54
24914.750000	41.5	H	200.0	40.8	0.7	12.5	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27065.312500	41.2	H	230.0	42.2	-1.0	32.8	74
30043.750000	42.5	H	121.0	42.9	-0.4	31.5	74
31533.812500	44.1	H	90.0	44.6	-0.5	29.9	74
32559.812500	42.6	H	90.0	43.2	-0.6	31.4	74
36787.000000	43.1	V	270.0	43.2	-0.1	30.9	74
38849.125000	45.8	V	177.0	43.0	2.8	28.2	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27320.125000	33.1	V	236.0	34.3	-1.2	20.9	54
30219.250000	33.8	V	270.0	34.2	-0.4	20.2	54
31535.500000	35.4	V	262.0	35.9	-0.5	18.6	54
33950.312500	34.8	V	177.0	36.2	-1.4	19.2	54
36559.187500	35.3	H	93.0	35.4	-0.1	18.7	54
38974.000000	36.9	H	130.0	33.9	3.0	17.1	54

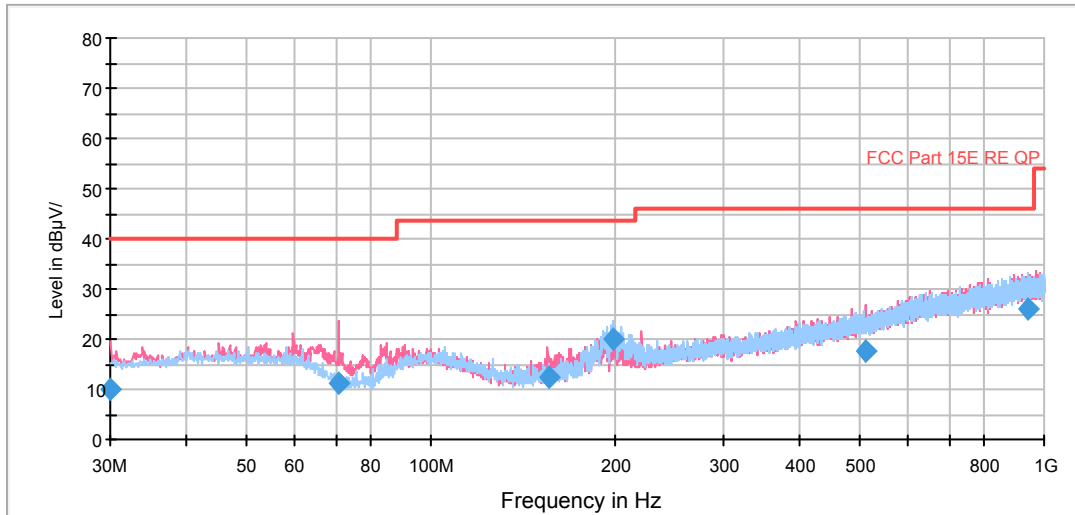
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)





802.11n (HT40) CH151

FCC RE 0.03-1GHz QP Class B

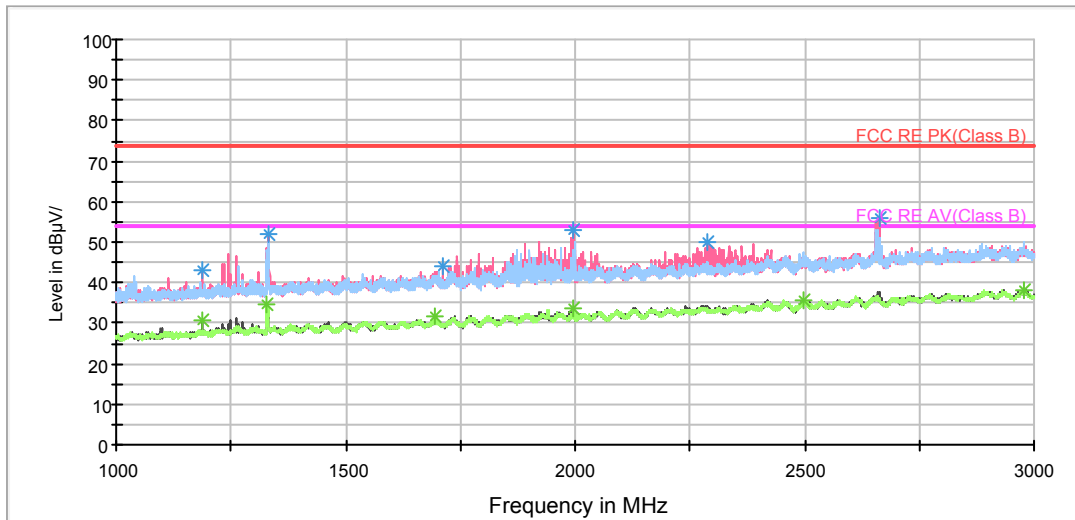


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
30.000000	10.0	111.0	V	225.0	-2.1	12.1	30.0	40.0
70.941250	11.2	100.0	V	183.0	2.6	8.6	28.8	40.0
155.811250	12.4	100.0	V	40.0	2.9	9.5	31.1	43.5
198.052500	19.9	125.0	H	78.0	8.0	11.9	23.6	43.5
510.996250	17.7	100.0	V	220.0	-3.1	20.8	28.3	46.0
939.977500	25.9	114.0	H	172.0	-1.2	27.1	20.1	46.0

- Remark: 1. Quasi-Peak = Reading value + Correction factor  
 2. Correction Factor = Antenna factor+ Insertion loss(cable loss+amplifier gain)  
 3. Margin = Limit – Quasi-Peak

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

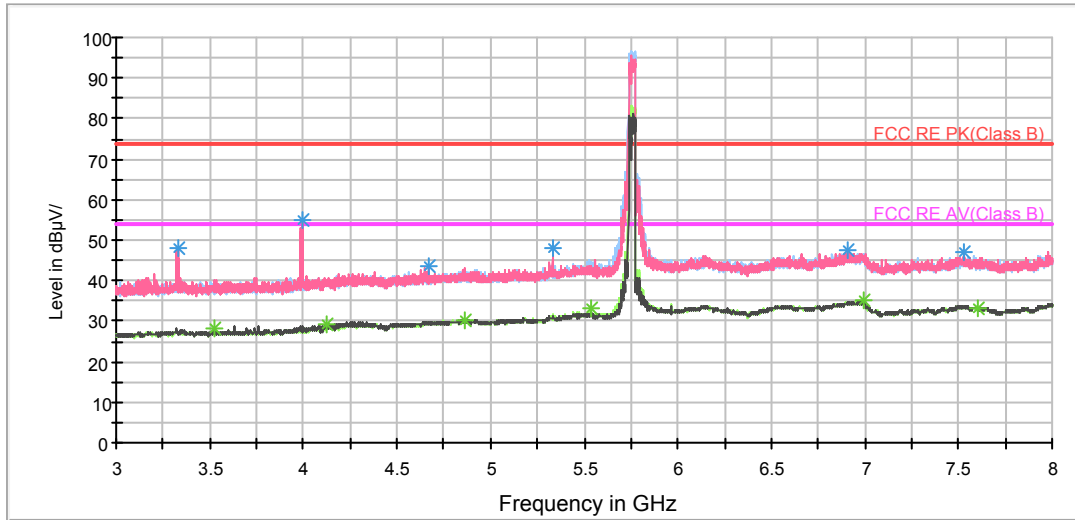
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1187.250000	42.9	100.0	V	299.0	51.0	-8.1	31.1	74
1330.750000	51.9	100.0	V	150.0	59.3	-7.4	22.1	74
1710.000000	43.8	100.0	V	264.0	48.6	-4.8	30.2	74
1997.750000	53.0	100.0	V	246.0	56.3	-3.3	21.0	74
2288.500000	50.2	100.0	V	290.0	51.9	-1.7	23.8	74
2664.500000	55.9	100.0	V	21.0	55.6	0.3	18.1	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1187.250000	30.7	100.0	V	299.0	38.8	-8.1	23.3	54
1328.750000	34.5	100.0	H	123.0	41.9	-7.4	19.5	54
1693.000000	31.8	100.0	V	246.0	36.8	-5.0	22.2	54
1996.000000	33.4	100.0	V	299.0	36.7	-3.3	20.6	54
2496.000000	35.5	100.0	H	26.0	35.5	0.0	18.5	54
2980.250000	38.2	100.0	V	308.0	36.0	2.2	15.8	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.  
Radiates Emission from 3GHz to 8GHz

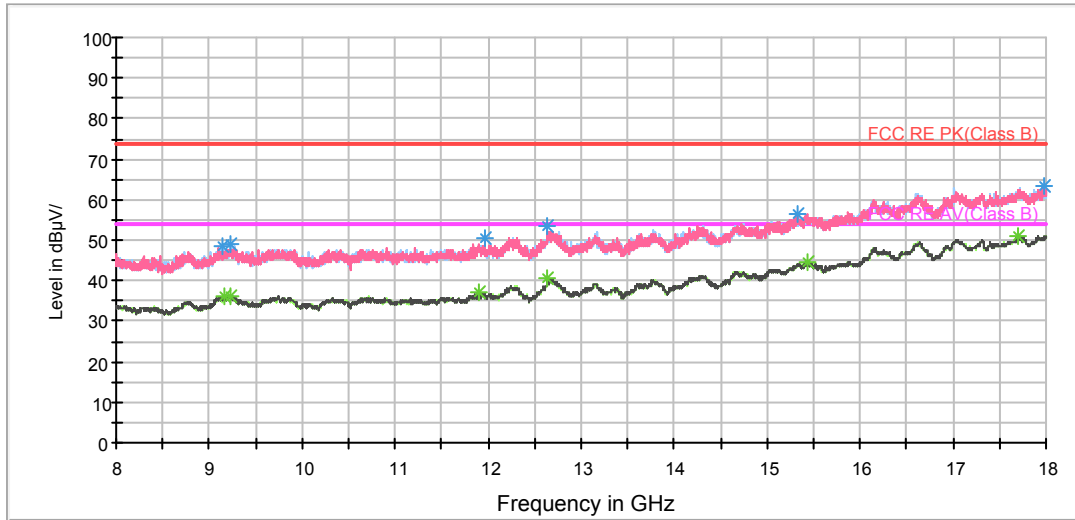
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3330.625000	48.0	100.0	V	104.0	50.2	-2.2	26.0	74
3995.000000	54.8	100.0	V	188.0	55.9	-1.1	19.2	74
4666.250000	43.4	100.0	V	37.0	42.6	0.8	30.6	74
5331.250000	48.2	100.0	V	188.0	45.9	2.3	25.8	74
6906.250000	47.3	100.0	V	2.0	41.0	6.3	26.7	74
7527.500000	47.0	100.0	H	242.0	39.9	7.1	27.0	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3519.375000	28.3	100.0	V	54.0	30.3	-2.0	25.7	54
4123.750000	29.2	100.0	V	87.0	29.6	-0.4	24.8	54
4859.375000	30.2	100.0	H	172.0	28.5	1.7	23.8	54
5541.875000	33.0	100.0	H	189.0	29.8	3.2	21.0	54
6994.375000	35.0	100.0	V	205.0	28.5	6.5	19.0	54
7598.750000	33.3	100.0	V	0.0	26.3	7.0	20.7	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 3-18GHz PK+AV



Radiates Emission from 8GHz to 18GHz

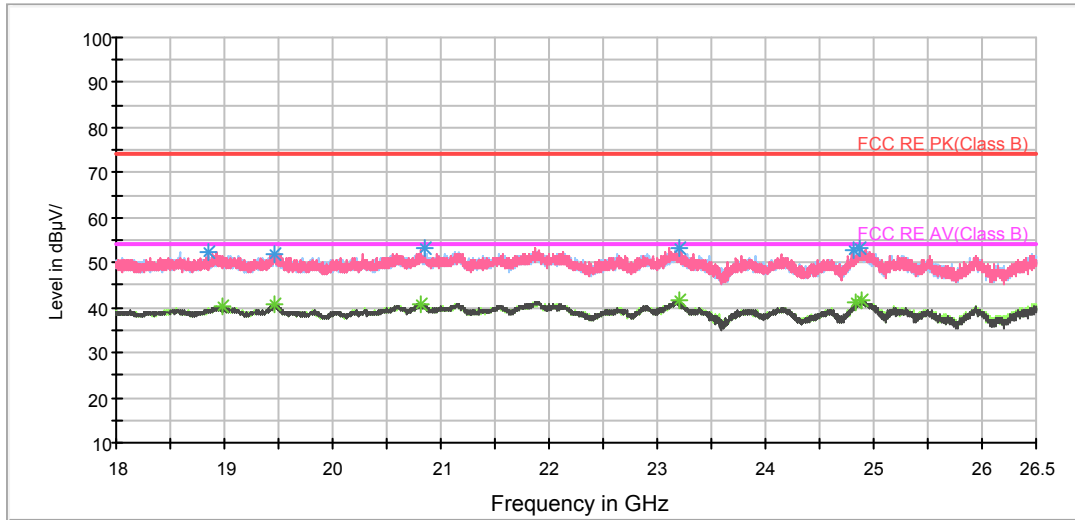
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9148.750000	48.3	150.0	H	0.0	38.2	10.1	25.7	74
9238.750000	48.8	150.0	H	240.0	38.9	9.9	25.2	74
11962.500000	50.3	150.0	V	49.0	38.5	11.8	23.7	74
12637.500000	53.3	150.0	H	0.0	39.0	14.3	20.7	74
15320.000000	56.6	150.0	V	103.0	38.2	18.4	17.4	74
17985.000000	63.3	150.0	V	0.0	38.2	25.1	10.7	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9156.250000	35.9	150.0	V	31.0	25.6	10.3	18.1	54
9236.250000	36.3	150.0	H	0.0	26.4	9.9	17.7	54
11897.500000	37.0	150.0	V	211.0	24.8	12.2	17.0	54
12637.500000	40.5	150.0	H	0.0	26.2	14.3	13.5	54
15438.750000	44.6	150.0	V	103.0	25.1	19.5	9.4	54
17706.250000	51.0	150.0	V	0.0	26.3	24.7	3.0	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

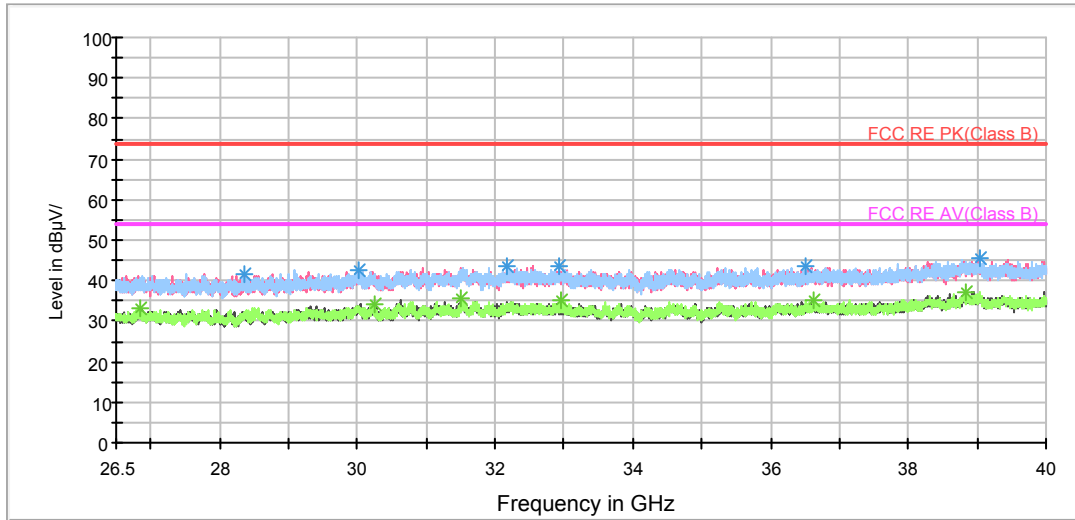
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18843.625000	52.4	V	90.0	52.4	0.0	21.6	74
19470.500000	52.1	H	238.0	52.0	0.1	21.9	74
20852.812500	53.2	H	270.0	55.4	-2.2	20.8	74
23206.250000	53.4	V	121.0	53.5	-0.1	20.6	74
24809.562500	52.7	H	211.0	52.6	0.1	21.3	74
24873.312500	53.2	H	247.0	52.7	0.5	20.8	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18976.437500	40.3	V	90.0	40.4	-0.1	13.7	54
19469.437500	40.6	V	157.0	40.5	0.1	13.4	54
20822.000000	40.8	V	112.0	42.9	-2.1	13.2	54
23194.562500	41.5	H	202.0	41.6	-0.1	12.5	54
24839.312500	41.0	V	184.0	40.7	0.3	13.0	54
24886.062500	41.4	H	147.0	40.9	0.5	12.6	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28361.312500	41.7	V	250.0	43.2	-1.5	32.3	74
30010.000000	42.6	V	259.0	43.0	-0.4	31.4	74
32161.562500	43.4	H	201.0	43.9	-0.5	30.6	74
32929.375000	43.7	V	270.0	44.5	-0.8	30.3	74
36511.937500	43.4	V	118.0	43.5	-0.1	30.6	74
39036.437500	45.3	H	90.0	42.3	3.0	28.7	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

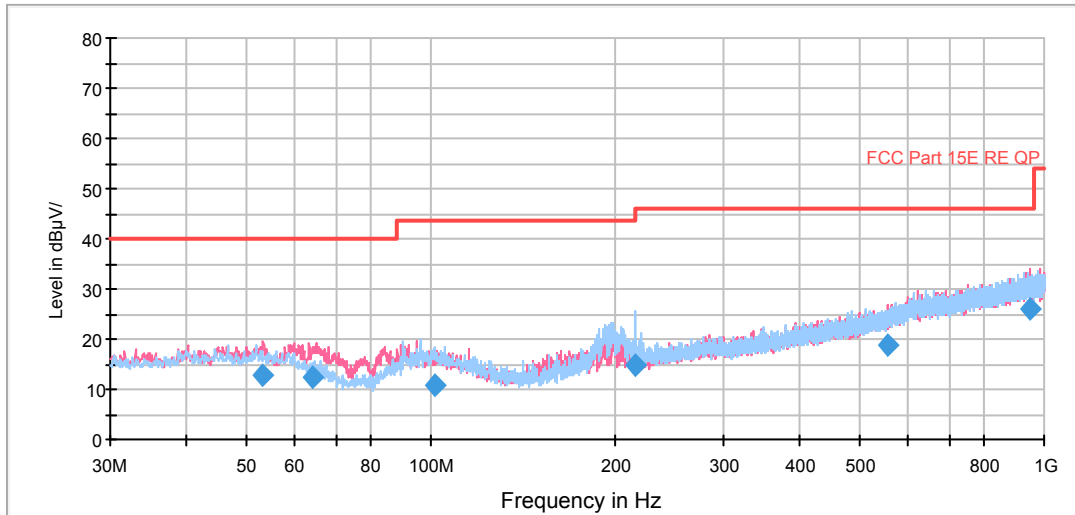
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
26835.812500	33.2	V	190.0	33.9	-0.7	20.8	54
30246.250000	34.3	H	90.0	34.7	-0.4	19.7	54
31518.625000	35.5	H	161.0	36.0	-0.5	18.5	54
32959.750000	35.0	V	259.0	35.8	-0.8	19.0	54
36635.125000	35.4	H	242.0	35.5	-0.1	18.6	54
38832.250000	37.3	H	143.0	34.5	2.8	16.7	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



802.11n (HT40) CH159

FCC RE 0.03-1GHz QP Class B

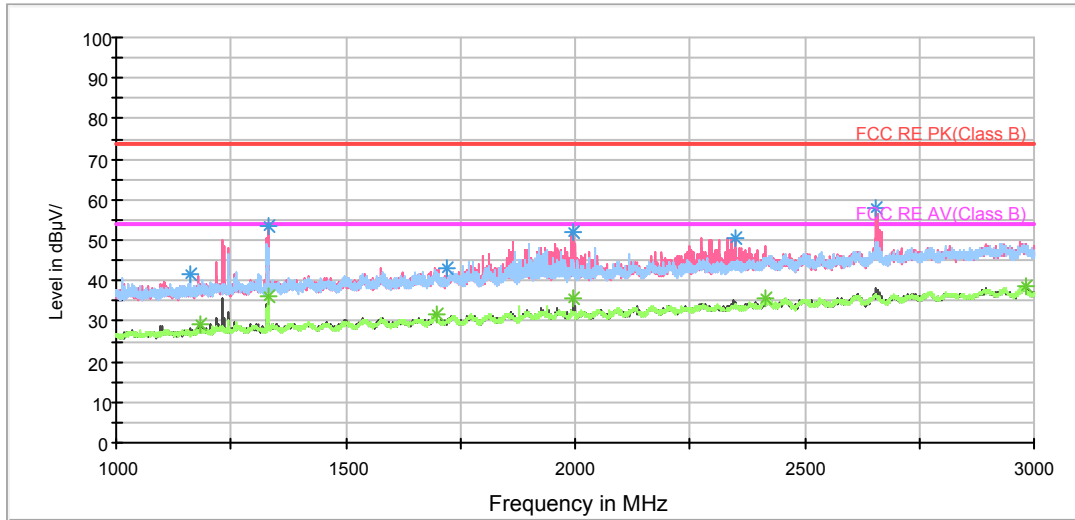


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
53.200000	12.9	100.0	V	297.0	0.1	12.8	27.1	40.0
63.943750	12.5	100.0	V	272.0	1.6	10.9	27.5	40.0
101.693750	10.9	125.0	H	0.0	-2.2	13.1	32.6	43.5
215.592500	14.8	114.0	H	53.0	2.0	12.8	28.7	43.5
554.930000	18.9	111.0	V	117.0	-2.9	21.8	27.1	46.0
947.177500	25.9	125.0	V	0.0	-1.3	27.2	20.1	46.0

- Remark: 1. Quasi-Peak = Reading value + Correction factor  
 2. Correction Factor = Antenna factor+ Insertion loss(cable loss+amplifier gain)  
 3. Margin = Limit – Quasi-Peak

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1162.000000	41.4	100.0	H	117.0	49.7	-8.3	32.6	74
1330.000000	53.7	100.0	V	199.0	61.1	-7.4	20.3	74
1720.500000	43.3	100.0	V	270.0	48.2	-4.9	30.7	74
1993.750000	52.1	100.0	V	127.0	55.4	-3.3	21.9	74
2347.500000	50.7	100.0	V	279.0	52.0	-1.3	23.3	74
2656.000000	57.8	100.0	V	279.0	57.4	0.4	16.2	74

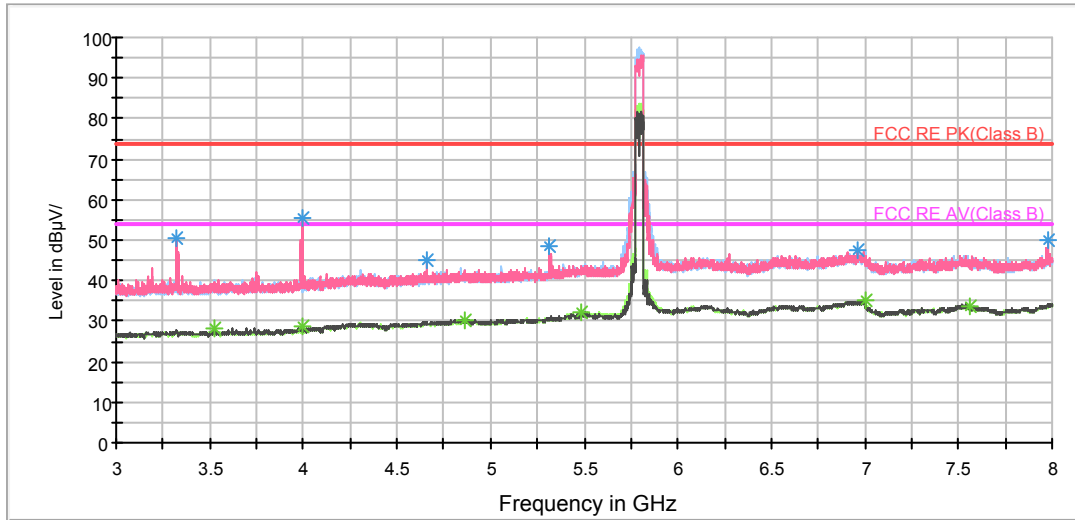
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1184.000000	29.3	100.0	V	325.0	37.4	-8.1	24.7	54
1329.750000	36.2	100.0	H	126.0	43.6	-7.4	17.8	54
1698.500000	31.8	100.0	V	0.0	36.8	-5.0	22.2	54
1996.000000	35.7	100.0	V	270.0	39.0	-3.3	18.3	54
2416.250000	35.6	100.0	H	136.0	36.2	-0.6	18.4	54
2981.250000	38.4	100.0	H	117.0	36.2	2.2	15.6	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.  
Radiates Emission from 3GHz to 8GHz

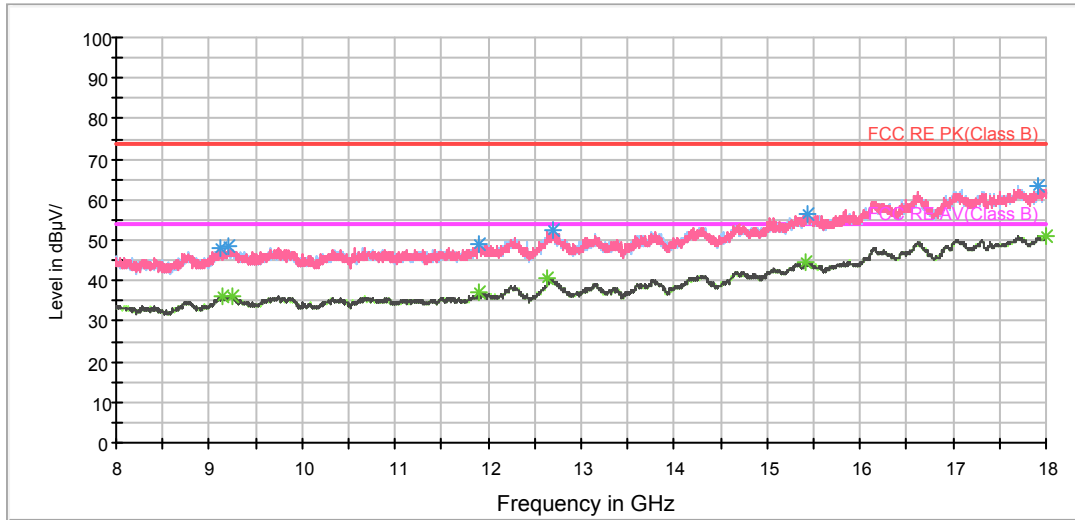
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3318.750000	50.2	100.0	V	240.0	52.3	-2.1	23.8	74
3996.250000	55.4	100.0	V	240.0	56.5	-1.1	18.6	74
4655.625000	45.3	100.0	V	189.0	44.5	0.8	28.7	74
5310.000000	48.6	100.0	V	0.0	46.2	2.4	25.4	74
6957.500000	47.4	100.0	V	72.0	41.2	6.2	26.6	74
7980.000000	49.8	100.0	V	55.0	42.4	7.4	24.2	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3520.000000	28.1	100.0	V	223.0	30.1	-2.0	25.9	54
3996.250000	28.9	100.0	V	240.0	30.0	-1.1	25.1	54
4860.625000	30.2	100.0	V	0.0	28.5	1.7	23.8	54
5488.125000	32.0	100.0	H	339.0	28.9	3.1	22.0	54
6999.375000	35.2	100.0	V	88.0	28.7	6.5	18.8	54
7556.875000	33.5	100.0	H	0.0	26.5	7.0	20.5	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 3-18GHz PK+AV



Radiates Emission from 8GHz to 18GHz

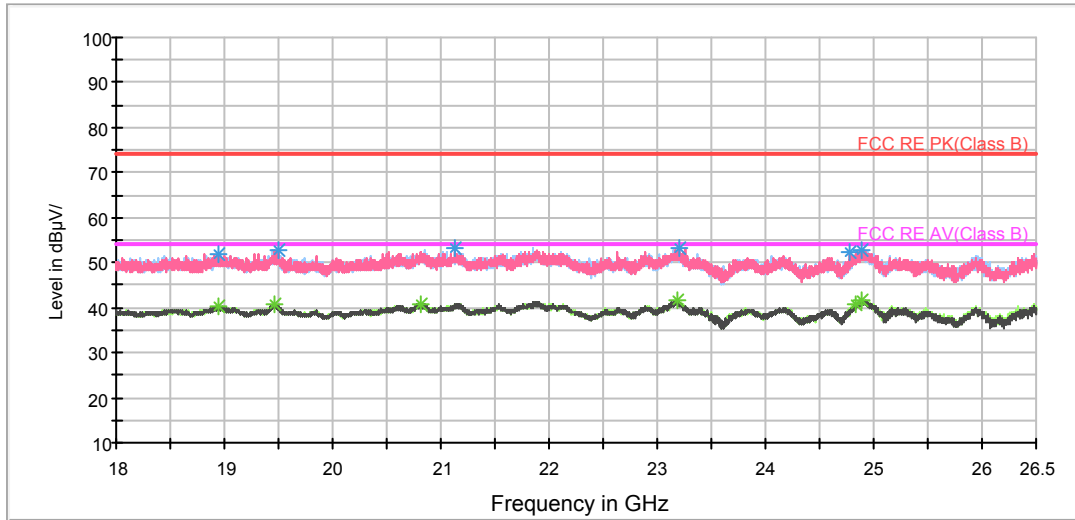
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9118.750000	48.1	150.0	H	350.0	38.1	10.0	25.9	74
9213.750000	48.7	150.0	H	204.0	38.7	10.0	25.3	74
11901.250000	48.9	150.0	H	0.0	36.6	12.3	25.1	74
12706.250000	52.4	150.0	H	0.0	38.4	14.0	21.6	74
15437.500000	56.5	150.0	V	85.0	37.0	19.5	17.5	74
17916.250000	63.4	150.0	H	0.0	37.7	25.7	10.6	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9152.500000	36.0	150.0	V	49.0	25.8	10.2	18.0	54
9241.250000	36.3	150.0	V	0.0	26.4	9.9	17.7	54
11898.750000	37.1	150.0	V	0.0	24.8	12.3	16.9	54
12640.000000	40.5	150.0	V	213.0	25.9	14.6	13.5	54
15417.500000	44.5	150.0	V	0.0	25.2	19.3	9.5	54
17997.500000	51.2	150.0	V	0.0	25.8	25.4	2.8	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

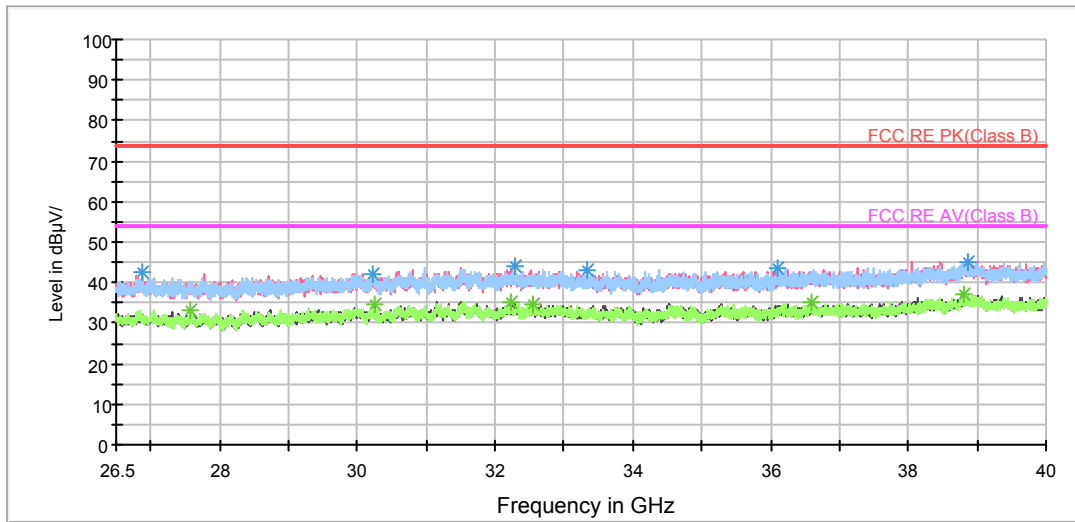
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18943.500000	51.8	V	232.0	51.8	0.0	22.2	74
19504.500000	52.8	V	90.0	52.7	0.1	21.2	74
21122.687500	53.3	V	90.0	54.7	-1.4	20.7	74
23200.937500	53.1	V	90.0	53.2	-0.1	20.9	74
24773.437500	52.1	V	101.0	52.2	-0.1	21.9	74
24880.750000	52.8	H	270.0	52.3	0.5	21.2	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18943.500000	40.1	V	232.0	40.1	0.0	13.9	54
19463.062500	40.7	V	137.0	40.6	0.1	13.3	54
20811.375000	40.9	H	247.0	42.9	-2.0	13.1	54
23178.625000	41.4	H	270.0	41.5	-0.1	12.6	54
24842.500000	40.7	H	256.0	40.4	0.3	13.3	54
24887.125000	41.4	H	136.0	40.9	0.5	12.6	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
26871.250000	42.3	V	107.0	43.1	-0.8	31.7	74
30229.375000	42.3	H	147.0	42.7	-0.4	31.7	74
32283.062500	44.1	H	118.0	44.7	-0.6	29.9	74
33351.250000	43.0	H	238.0	44.0	-1.0	31.0	74
36103.562500	43.8	H	262.0	44.0	-0.2	30.2	74
38857.562500	45.3	V	94.0	42.5	2.8	28.7	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

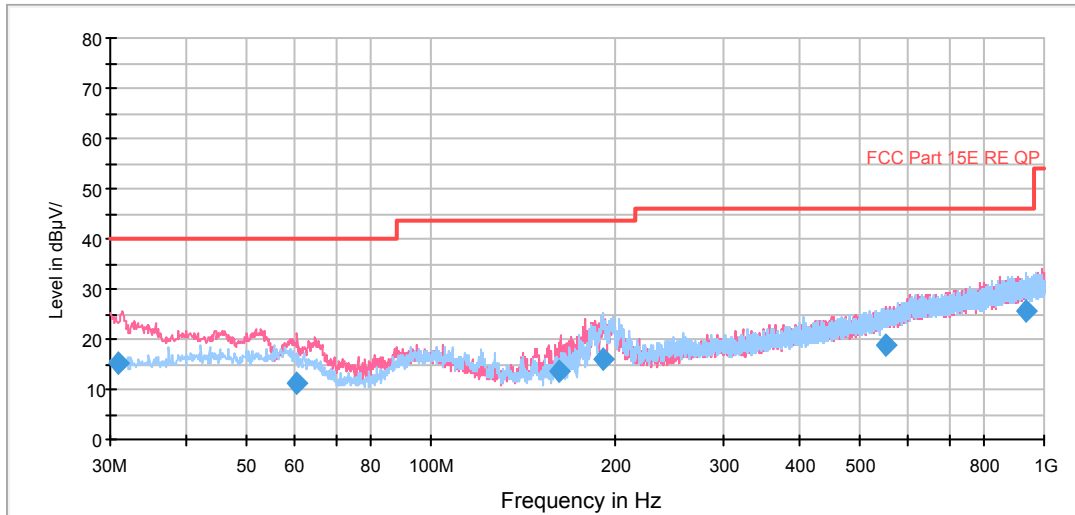
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27581.687500	33.2	H	217.0	34.6	-1.4	20.8	54
30258.062500	34.4	V	270.0	34.8	-0.4	19.6	54
32217.250000	35.2	V	269.0	35.7	-0.5	18.8	54
32559.812500	34.9	V	261.0	35.5	-0.6	19.1	54
36594.625000	35.0	V	270.0	35.1	-0.1	19.0	54
38810.312500	37.1	H	138.0	34.3	2.8	16.9	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



802.11ac (HT20) CH36

FCC RE 0.03-1GHz QP Class B

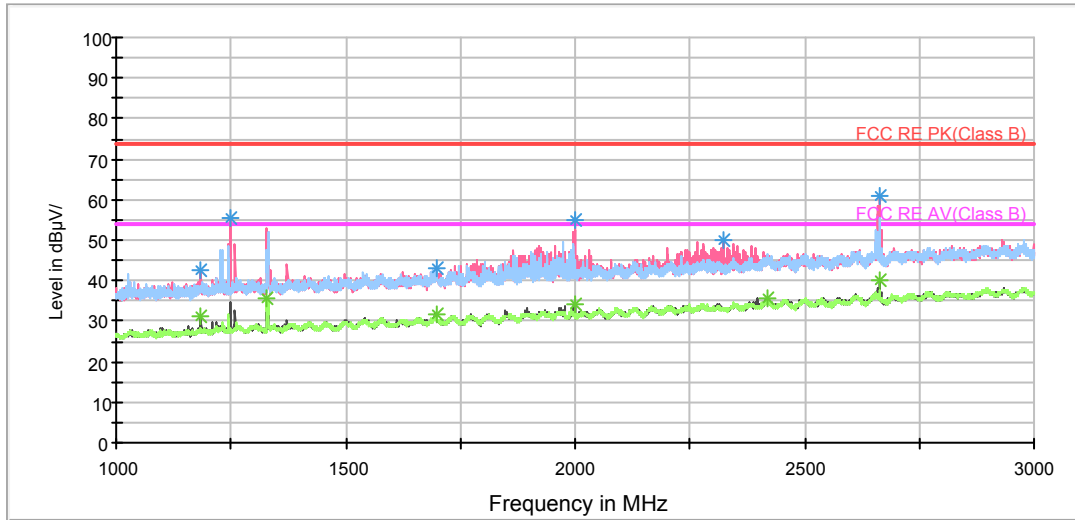


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
30.975000	15.2	100.0	V	258.0	3.1	12.1	24.8	40.0
60.595000	11.1	120.0	V	351.0	-1.3	12.4	28.9	40.0
161.926250	13.5	100.0	V	239.0	3.6	9.9	30.0	43.5
191.176250	16.0	114.0	H	52.0	4.4	11.6	27.5	43.5
553.240000	18.9	100.0	V	296.0	-2.8	21.7	27.1	46.0
931.856250	25.8	125.0	H	17.0	-1.2	27.0	20.2	46.0

- Remark: 1. Quasi-Peak = Reading value + Correction factor  
 2. Correction Factor = Antenna factor+ Insertion loss(cable loss+amplifier gain)  
 3. Margin = Limit – Quasi-Peak

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

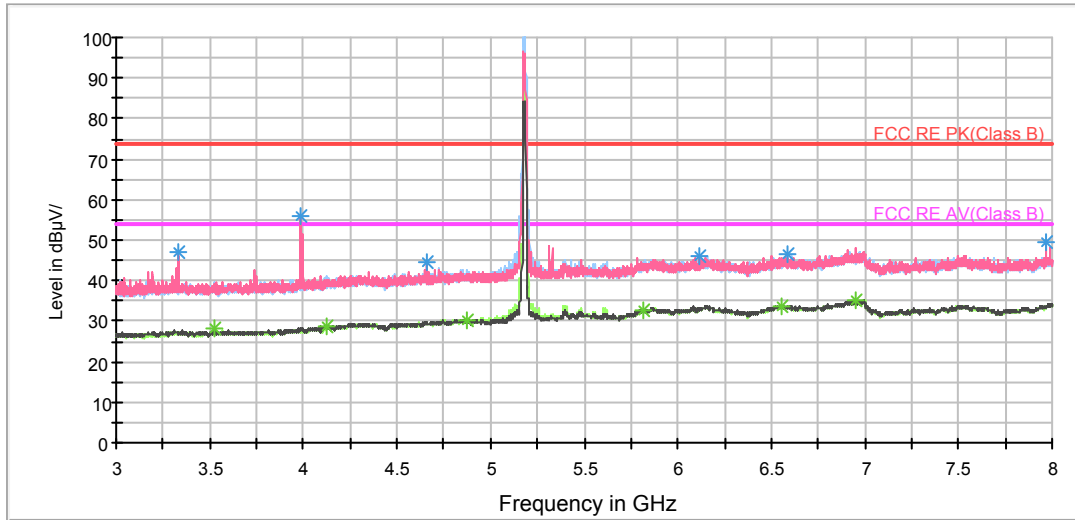
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1184.000000	42.7	100.0	V	305.0	50.8	-8.1	31.3	74
1248.500000	55.5	100.0	V	287.0	63.5	-8.0	18.5	74
1696.750000	42.9	100.0	H	179.0	47.9	-5.0	31.1	74
1998.750000	55.0	100.0	V	287.0	58.4	-3.4	19.0	74
2322.500000	50.2	100.0	V	269.0	51.9	-1.7	23.8	74
2662.750000	60.9	100.0	V	261.0	60.6	0.3	13.1	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1184.000000	31.1	100.0	V	305.0	39.2	-8.1	22.9	54
1329.000000	35.4	100.0	H	126.0	42.8	-7.4	18.6	54
1697.000000	31.8	100.0	V	305.0	36.8	-5.0	22.2	54
1999.500000	34.2	100.0	V	287.0	37.6	-3.4	19.8	54
2418.750000	35.4	100.0	H	14.0	36.0	-0.6	18.6	54
2662.750000	40.1	100.0	V	261.0	39.8	0.3	13.9	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.  
Radiates Emission from 3GHz to 8GHz

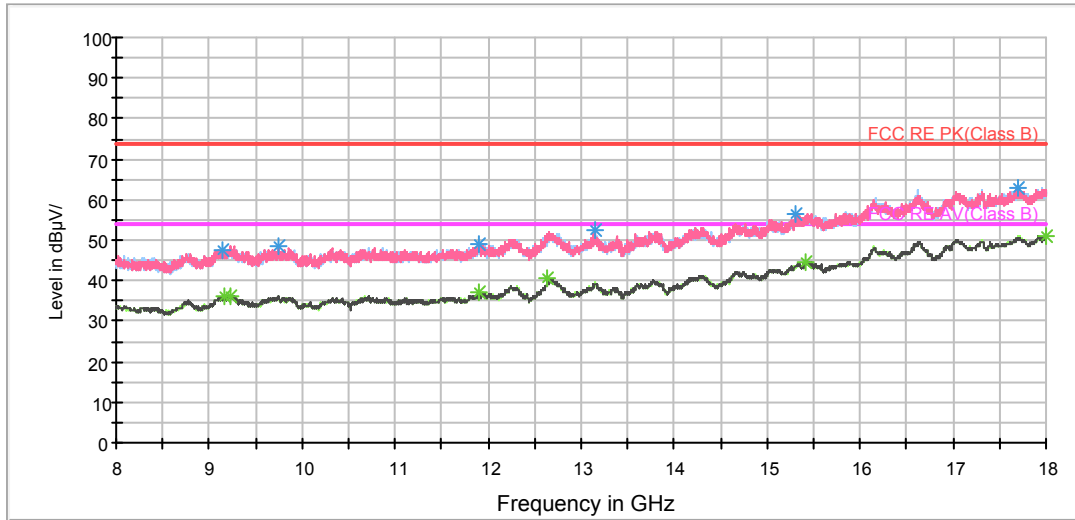
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3331.875000	47.1	100.0	V	258.0	49.3	-2.2	26.9	74
3982.500000	55.9	100.0	V	223.0	56.9	-1.0	18.1	74
4660.625000	44.7	100.0	V	0.0	44.0	0.7	29.3	74
6111.875000	46.1	100.0	V	138.0	40.8	5.3	27.9	74
6588.125000	46.7	100.0	H	125.0	41.1	5.6	27.3	74
7971.875000	49.5	100.0	V	36.0	42.2	7.3	24.5	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3520.000000	28.2	100.0	V	223.0	30.2	-2.0	25.8	54
4128.750000	28.8	100.0	V	19.0	29.2	-0.4	25.2	54
4876.875000	30.4	100.0	H	209.0	28.6	1.8	23.6	54
5820.000000	32.7	100.0	H	325.0	28.2	4.5	21.3	54
6557.500000	33.8	100.0	H	0.0	28.1	5.7	20.2	54
6946.250000	35.4	100.0	V	86.0	29.3	6.1	18.6	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 3-18GHz PK+AV



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9150.000000	47.7	150.0	V	29.0	37.6	10.1	26.3	74
9738.750000	48.6	150.0	V	249.0	38.6	10.0	25.4	74
11893.750000	49.1	150.0	V	0.0	37.0	12.1	24.9	74
13145.000000	52.5	150.0	V	0.0	38.2	14.3	21.5	74
15305.000000	56.5	150.0	V	83.0	38.0	18.5	17.5	74
17691.250000	63.1	150.0	V	11.0	38.5	24.6	10.9	74

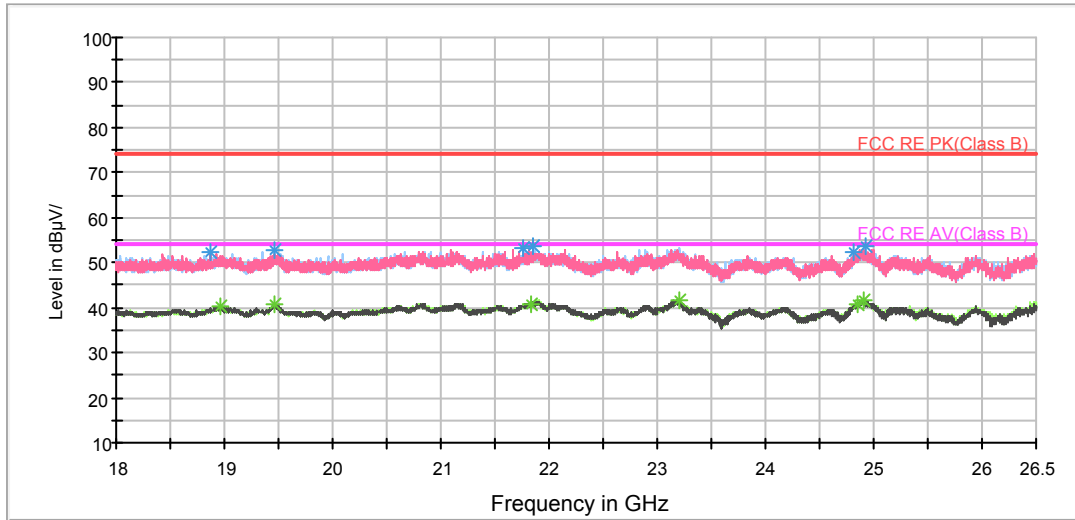
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9153.750000	36.1	150.0	H	0.0	25.9	10.2	17.9	54
9237.500000	36.3	150.0	H	0.0	26.4	9.9	17.7	54
11902.500000	37.1	150.0	V	193.0	24.9	12.2	16.9	54
12640.000000	40.6	150.0	H	349.0	26.0	14.6	13.4	54
15415.000000	44.6	150.0	H	111.0	25.3	19.3	9.4	54
17993.750000	51.0	150.0	V	11.0	25.7	25.3	3.0	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

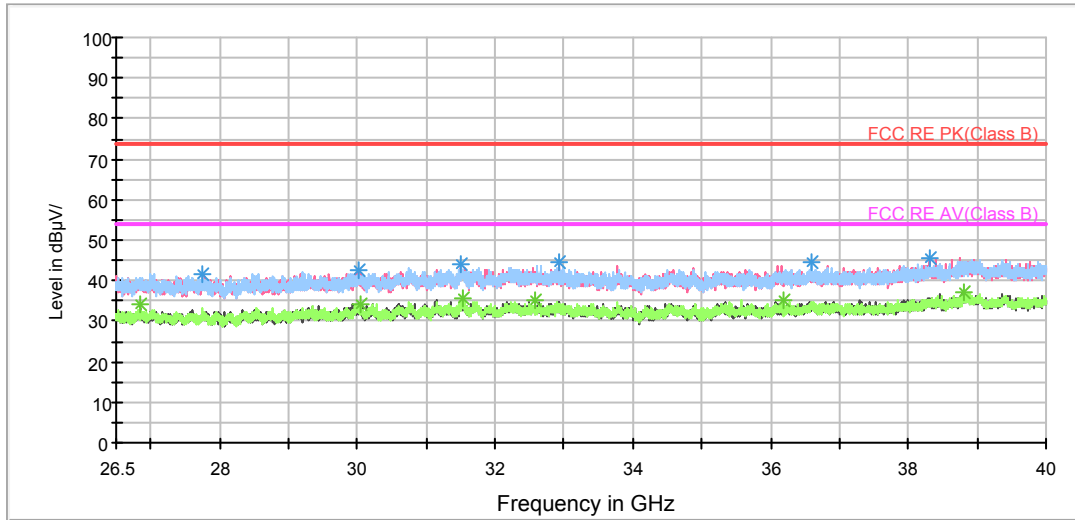
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18873.375000	52.3	V	100.0	52.2	0.1	21.7	74
19466.250000	52.6	H	270.0	52.5	0.1	21.4	74
21758.062500	53.0	H	209.0	55.3	-2.3	21.0	74
21854.750000	53.6	H	270.0	55.4	-1.8	20.4	74
24819.125000	52.3	H	192.0	52.1	0.2	21.7	74
24924.312500	53.7	H	270.0	53.0	0.7	20.3	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18965.812500	40.2	V	90.0	40.3	-0.1	13.8	54
19458.812500	40.5	H	146.0	40.5	0.0	13.5	54
21838.812500	40.9	H	270.0	42.8	-1.9	13.1	54
23194.562500	41.7	V	90.0	41.8	-0.1	12.3	54
24843.562500	40.9	V	90.0	40.6	0.3	13.1	54
24910.500000	41.6	V	174.0	41.0	0.6	12.4	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27760.562500	41.6	H	230.0	43.1	-1.5	32.4	74
30020.125000	42.6	V	201.0	43.0	-0.4	31.4	74
31518.625000	44.1	H	119.0	44.6	-0.5	29.9	74
32934.437500	44.3	V	270.0	45.1	-0.8	29.7	74
36591.250000	44.6	H	149.0	44.7	-0.1	29.4	74
38299.000000	45.5	V	270.0	43.5	2.0	28.5	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

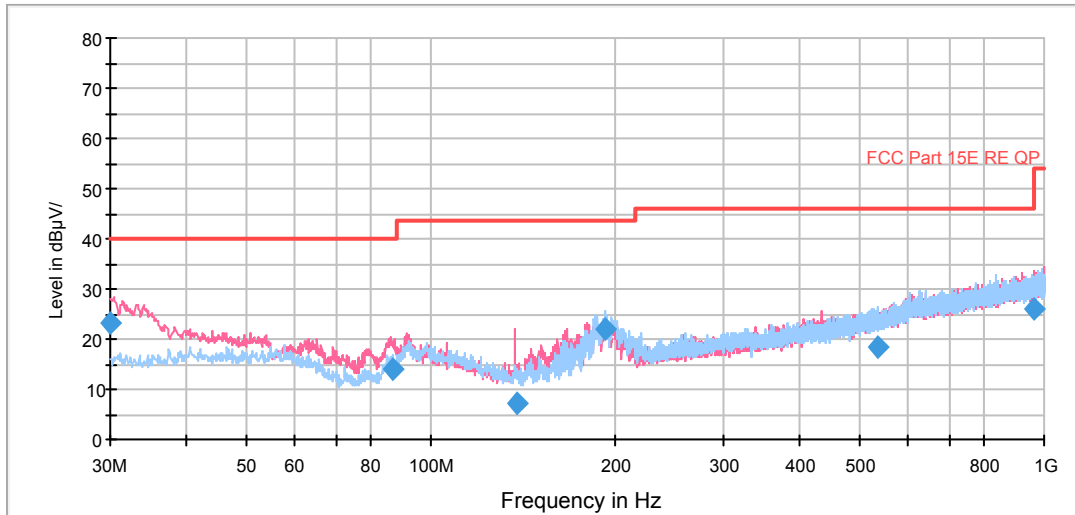
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
26847.625000	34.0	V	192.0	34.7	-0.7	20.0	54
30038.687500	34.4	H	90.0	34.8	-0.4	19.6	54
31538.875000	35.5	H	159.0	36.0	-0.5	18.5	54
32578.375000	35.0	H	189.0	35.7	-0.7	19.0	54
36201.437500	35.1	H	119.0	35.3	-0.2	18.9	54
38817.062500	37.0	V	212.0	34.2	2.8	17.0	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



802.11ac (HT20) CH40

FCC RE 0.03-1GHz QP Class B

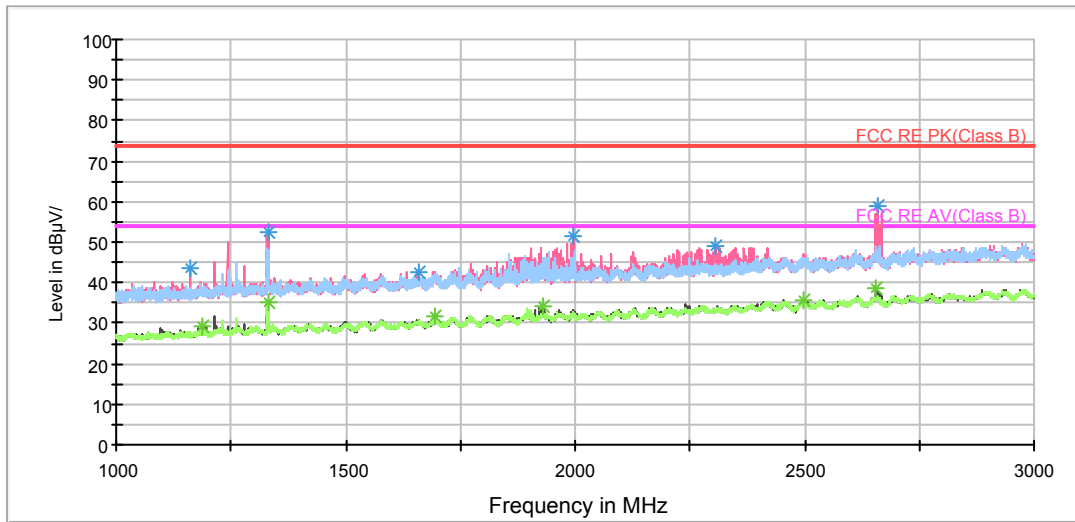


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
30.000000	23.4	100.0	V	250.0	11.3	12.1	16.6	40.0
86.617500	13.9	125.0	V	286.0	3.2	10.7	26.1	40.0
137.786250	7.3	100.0	V	195.0	-1.8	9.1	36.2	43.5
192.270000	22.0	100.0	H	91.0	10.4	11.6	21.5	43.5
537.148750	18.3	125.0	H	22.0	-3.0	21.3	27.7	46.0
959.703750	26.1	125.0	V	160.0	-1.3	27.4	19.9	46.0

- Remark: 1. Quasi-Peak = Reading value + Correction factor  
 2. Correction Factor = Antenna factor+ Insertion loss(cable loss+amplifier gain)  
 3. Margin = Limit – Quasi-Peak

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

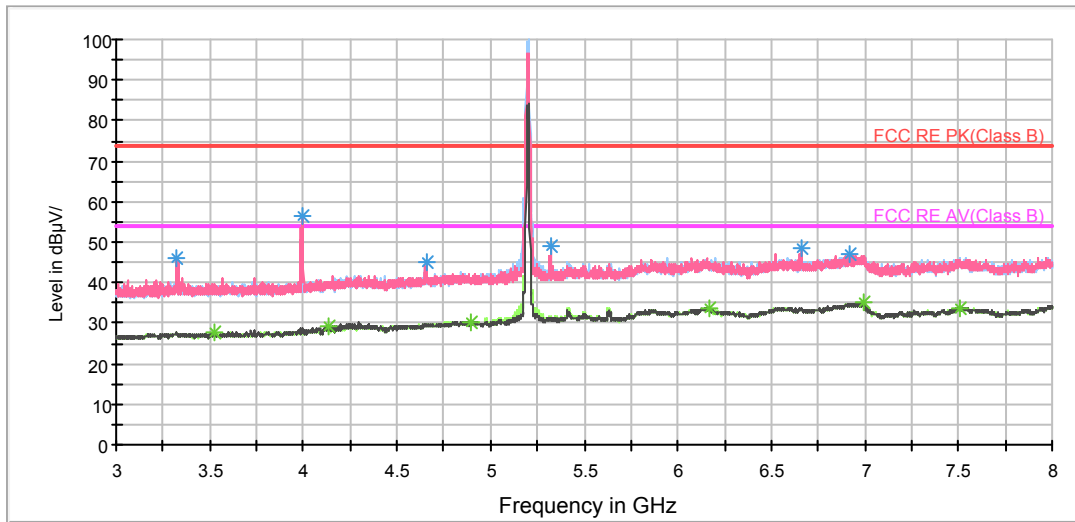
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1161.000000	43.4	100.0	V	263.0	51.7	-8.3	30.6	74
1331.250000	52.4	100.0	V	192.0	59.8	-7.4	21.6	74
1659.250000	42.8	100.0	V	307.0	48.0	-5.2	31.2	74
1997.000000	51.5	100.0	V	263.0	54.8	-3.3	22.5	74
2305.000000	49.0	100.0	V	119.0	51.1	-2.1	25.0	74
2660.000000	59.1	100.0	V	254.0	58.7	0.4	14.9	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1189.000000	29.4	100.0	V	280.0	37.6	-8.2	24.6	54
1332.250000	35.3	100.0	H	125.0	42.7	-7.4	18.7	54
1695.500000	31.8	100.0	V	245.0	36.8	-5.0	22.2	54
1931.500000	34.2	100.0	V	263.0	37.9	-3.7	19.8	54
2498.000000	35.5	100.0	H	144.0	35.6	-0.1	18.5	54
2655.500000	38.5	100.0	V	237.0	38.1	0.4	15.5	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.  
Radiates Emission from 3GHz to 8GHz

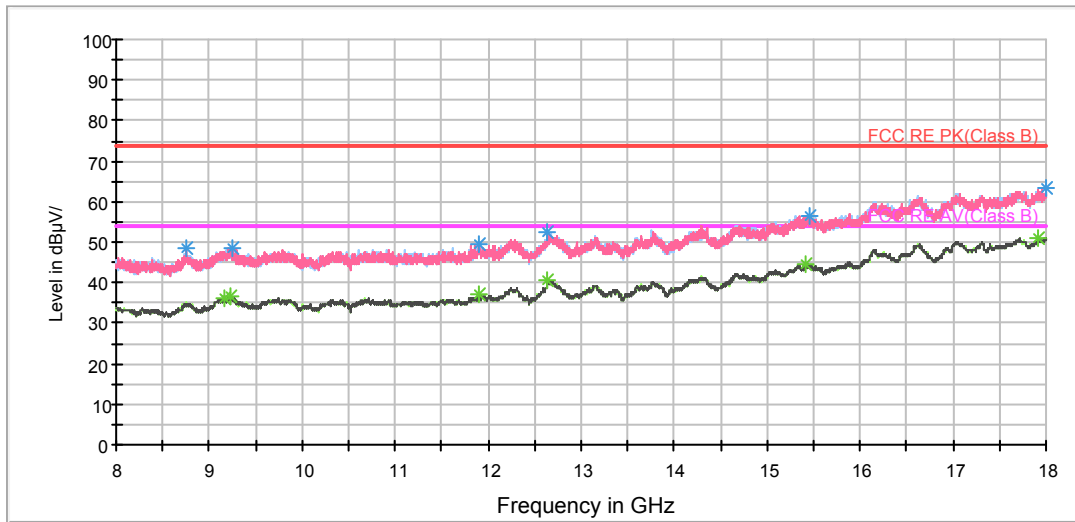
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3319.375000	46.0	101.0	V	256.0	48.1	-2.1	28.0	74
3998.750000	56.4	101.0	V	205.0	57.5	-1.1	17.6	74
4661.875000	45.0	101.0	V	0.0	44.3	0.7	29.0	74
5321.250000	49.0	101.0	V	205.0	46.6	2.4	25.0	74
6662.500000	48.6	101.0	V	273.0	43.1	5.5	25.4	74
6921.875000	47.0	101.0	V	121.0	40.8	6.2	27.0	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3520.000000	27.9	101.0	V	53.0	29.9	-2.0	26.1	54
4135.625000	29.0	101.0	V	291.0	29.3	-0.3	25.0	54
4898.125000	30.4	101.0	H	0.0	28.5	1.9	23.6	54
6173.125000	33.7	101.0	H	0.0	28.2	5.5	20.3	54
6998.750000	34.9	101.0	V	53.0	28.4	6.5	19.1	54
7507.500000	33.7	101.0	H	266.0	26.8	6.9	20.3	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 3-18GHz PK+AV



Radiates Emission from 8GHz to 18GHz

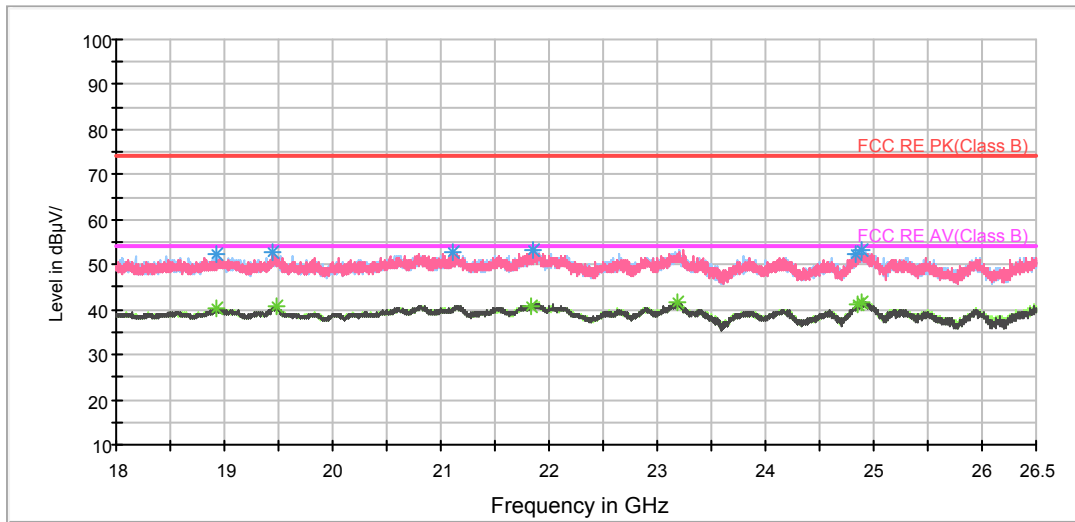
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
8748.750000	48.5	150.0	V	0.0	40.4	8.1	25.5	74
9256.250000	48.5	150.0	H	0.0	39.0	9.5	25.5	74
11911.250000	49.6	150.0	V	49.0	37.7	11.9	24.4	74
12635.000000	52.3	150.0	H	166.0	38.3	14.0	21.7	74
15463.750000	56.5	150.0	V	140.0	36.9	19.6	17.5	74
17991.250000	63.3	150.0	H	347.0	38.1	25.2	10.7	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9155.000000	36.0	150.0	V	268.0	25.7	10.3	18.0	54
9236.250000	36.5	150.0	V	13.0	26.6	9.9	17.5	54
11898.750000	37.1	150.0	V	194.0	24.8	12.3	16.9	54
12641.250000	40.5	150.0	H	0.0	26.0	14.5	13.5	54
15417.500000	44.6	150.0	H	221.0	25.3	19.3	9.4	54
17920.000000	51.2	150.0	V	85.0	25.4	25.8	2.8	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

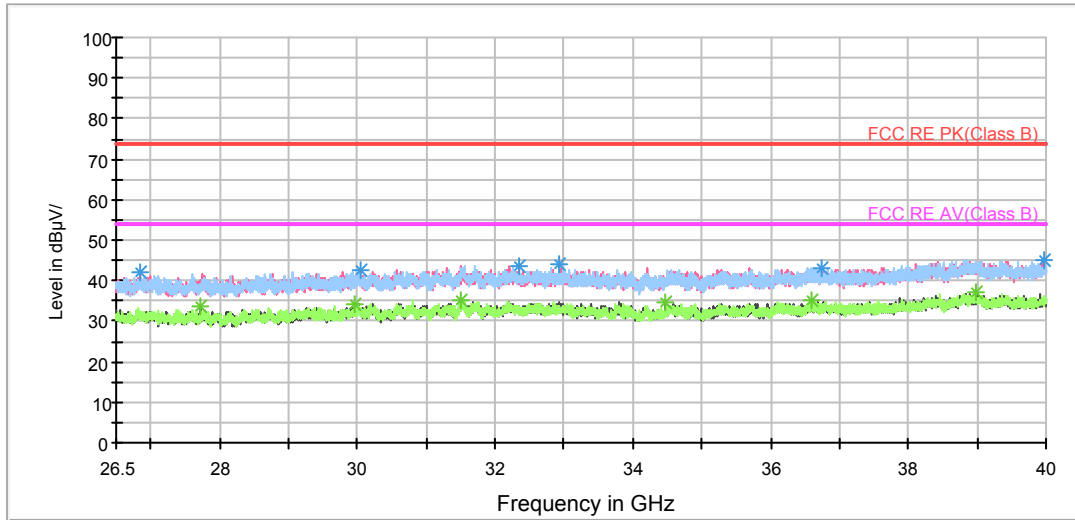
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18925.437500	52.2	H	270.0	52.1	0.1	21.8	74
19437.562500	52.7	V	130.0	52.7	0.0	21.3	74
21106.750000	52.7	V	270.0	54.0	-1.3	21.3	74
21847.312500	53.4	H	270.0	55.2	-1.8	20.6	74
24842.500000	52.5	H	270.0	52.2	0.3	21.5	74
24882.875000	53.2	H	210.0	52.7	0.5	20.8	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18932.875000	40.1	V	149.0	40.0	0.1	13.9	54
19480.062500	40.7	H	219.0	40.6	0.1	13.3	54
21838.812500	40.9	V	90.0	42.8	-1.9	13.1	54
23192.437500	41.7	V	90.0	41.8	-0.1	12.3	54
24843.562500	41.1	H	264.0	40.8	0.3	12.9	54
24890.312500	41.5	H	270.0	41.0	0.5	12.5	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
26849.312500	42.3	V	130.0	43.0	-0.7	31.7	74
30042.062500	42.3	V	141.0	42.7	-0.4	31.7	74
32343.812500	43.7	V	270.0	44.3	-0.6	30.3	74
32932.750000	44.3	V	191.0	45.1	-0.8	29.7	74
36753.250000	43.3	H	90.0	43.4	-0.1	30.7	74
39957.812500	45.2	V	141.0	42.9	2.3	28.8	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27735.250000	33.4	V	211.0	34.9	-1.5	20.6	54
29967.812500	34.3	V	201.0	34.7	-0.4	19.7	54
31518.625000	35.3	H	90.0	35.8	-0.5	18.7	54
34473.437500	34.5	V	161.0	35.6	-1.1	19.5	54
36586.187500	35.1	H	92.0	35.2	-0.1	18.9	54
38977.375000	37.4	H	270.0	34.4	3.0	16.6	54

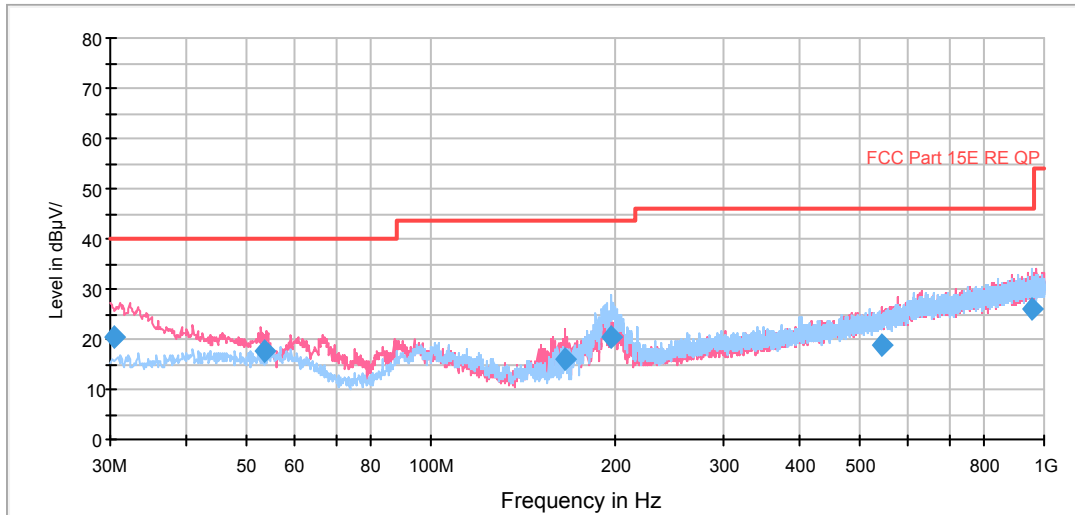
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)





802.11ac (HT20) CH48

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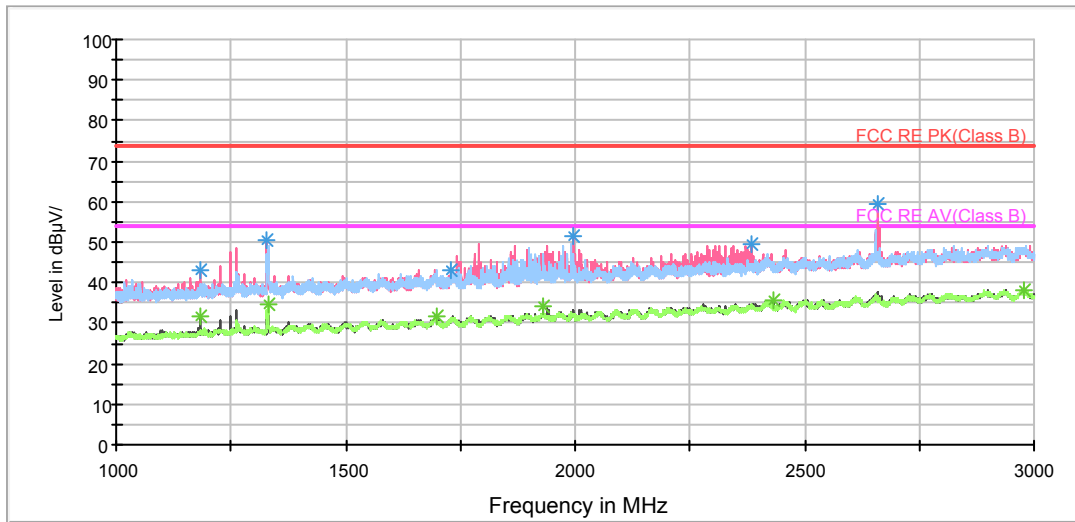


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
30.520000	20.4	100.0	V	234.0	8.3	12.1	19.6	40.0
53.606250	17.4	100.0	V	277.0	4.6	12.8	22.6	40.0
165.597500	16.1	100.0	V	22.0	6.0	10.1	27.4	43.5
196.353750	20.3	125.0	H	84.0	8.4	11.9	23.2	43.5
545.632500	18.6	125.0	V	316.0	-3.0	21.6	27.4	46.0
955.100000	26.0	125.0	H	78.0	-1.3	27.3	20.0	46.0

- Remark: 1. Quasi-Peak = Reading value + Correction factor  
 2. Correction Factor = Antenna factor+ Insertion loss(cable loss+amplifier gain)  
 3. Margin = Limit – Quasi-Peak

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

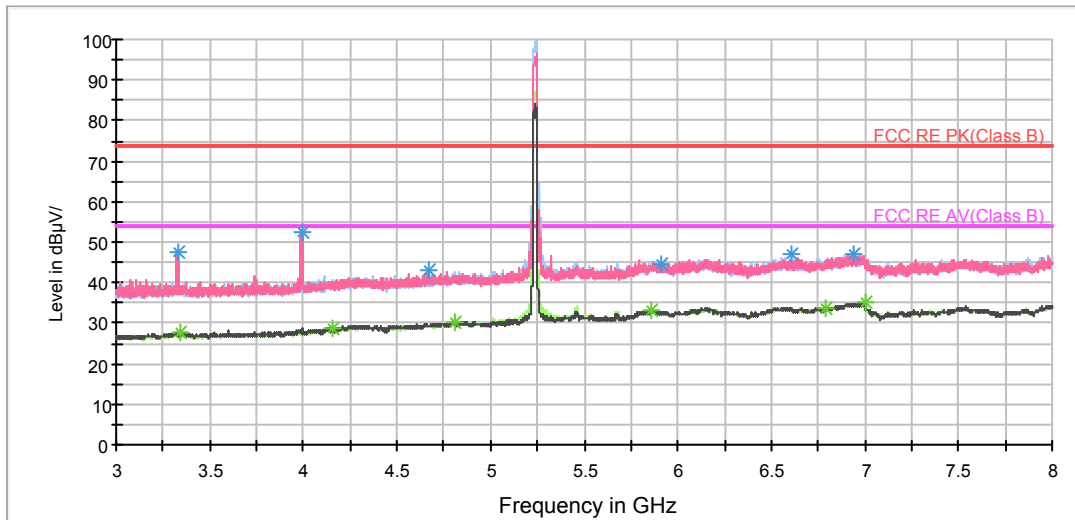
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1183.750000	42.9	100.0	V	305.0	51.0	-8.1	31.1	74
1328.000000	50.7	100.0	V	305.0	58.1	-7.4	23.3	74
1730.500000	43.3	100.0	V	261.0	48.2	-4.9	30.7	74
1997.000000	51.5	100.0	V	287.0	54.8	-3.3	22.5	74
2384.500000	49.3	100.0	V	287.0	50.7	-1.4	24.7	74
2658.000000	59.2	100.0	V	261.0	58.8	0.4	14.8	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1183.500000	31.7	100.0	V	305.0	39.8	-8.1	22.3	54
1330.000000	34.7	100.0	H	124.0	42.1	-7.4	19.3	54
1698.500000	31.7	100.0	V	234.0	36.7	-5.0	22.3	54
1931.000000	33.9	100.0	V	135.0	37.6	-3.7	20.1	54
2431.750000	35.9	100.0	V	261.0	36.6	-0.7	18.1	54
2977.500000	38.2	100.0	H	177.0	36.0	2.2	15.8	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.  
Radiates Emission from 3GHz to 8GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3328.750000	47.7	101.0	V	38.0	49.9	-2.2	26.3	74
3995.625000	52.6	101.0	V	240.0	53.7	-1.1	21.4	74
4666.875000	43.0	101.0	V	0.0	42.2	0.8	31.0	74
5908.125000	44.6	101.0	V	172.0	39.8	4.8	29.4	74
6613.125000	46.8	101.0	H	0.0	41.3	5.5	27.2	74
6941.875000	46.9	101.0	V	155.0	40.8	6.1	27.1	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3338.125000	27.9	101.0	V	257.0	30.2	-2.3	26.1	54
4156.250000	28.8	101.0	V	122.0	28.9	-0.1	25.2	54
4806.250000	30.4	101.0	H	0.0	29.1	1.3	23.6	54
5861.875000	33.1	101.0	V	155.0	28.3	4.8	20.9	54
6786.250000	33.8	101.0	H	273.0	28.1	5.7	20.2	54
6999.375000	34.9	101.0	V	5.0	28.4	6.5	19.1	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)