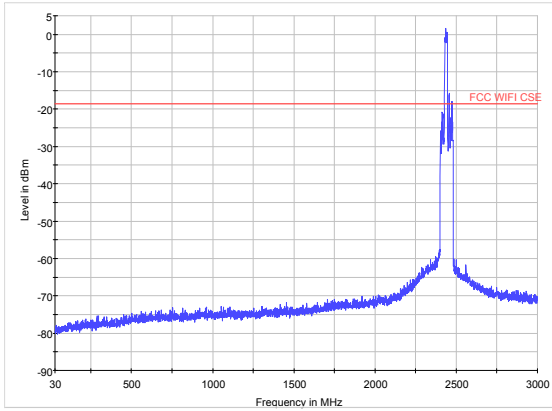
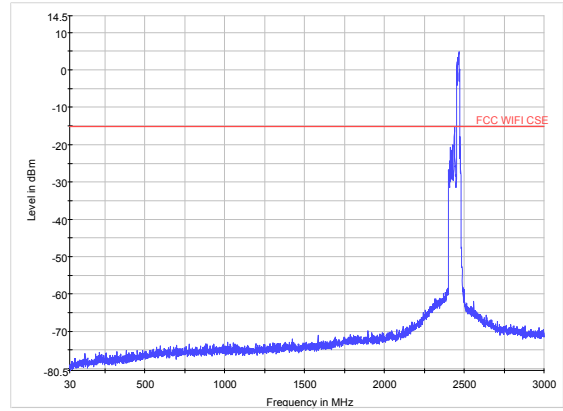




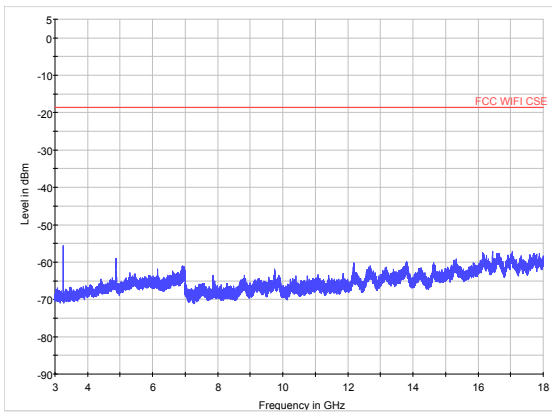
802.11g CH6 30MHz to 3GHz



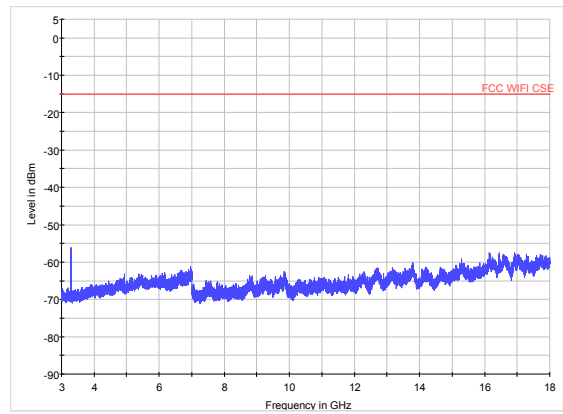
802.11g CH11 30MHz to 3GHz



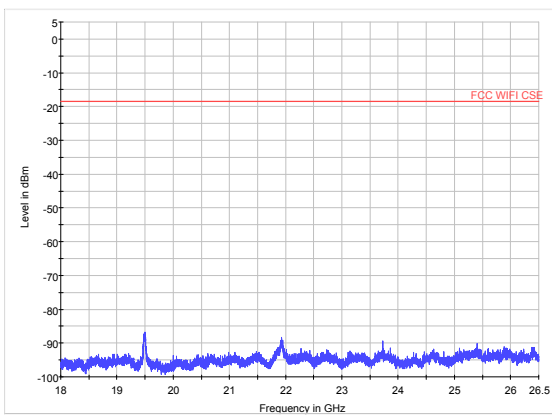
802.11g CH6 3GHz to 18GHz



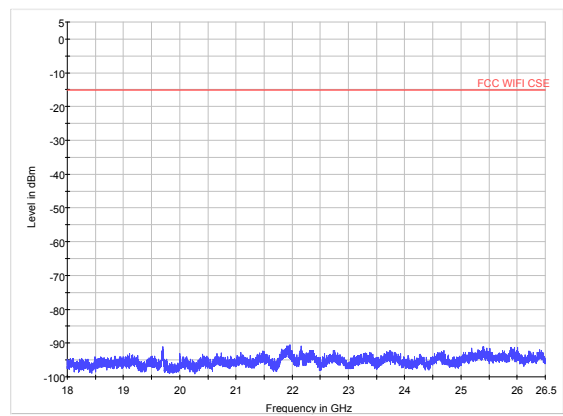
802.11g CH11 3GHz to 18GHz



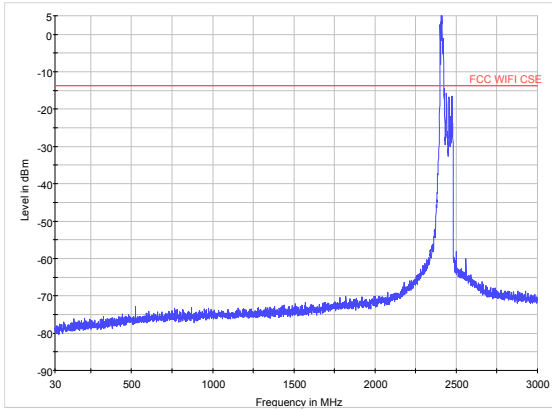
802.11g CH6 18GHz to 26.5GHz



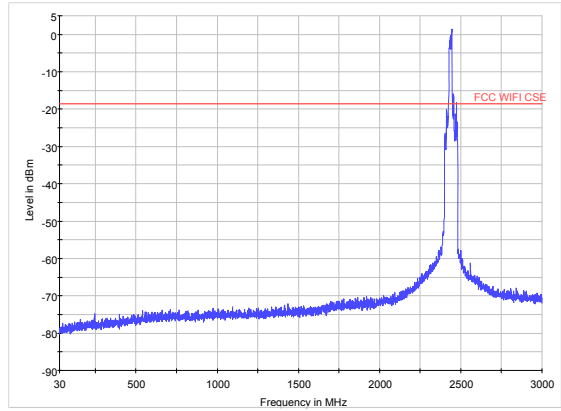
802.11g CH11 18GHz to 26.5GHz



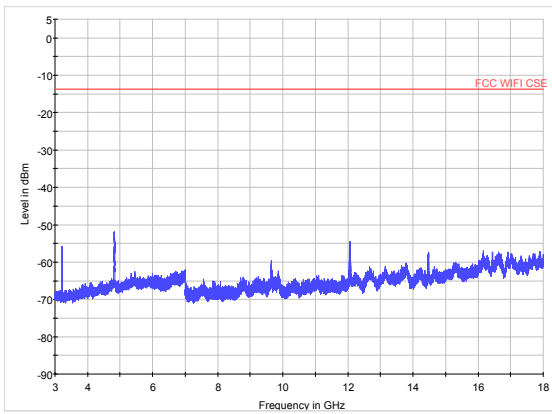
802.11n (HT20) CH1 30MHz to 3GHz



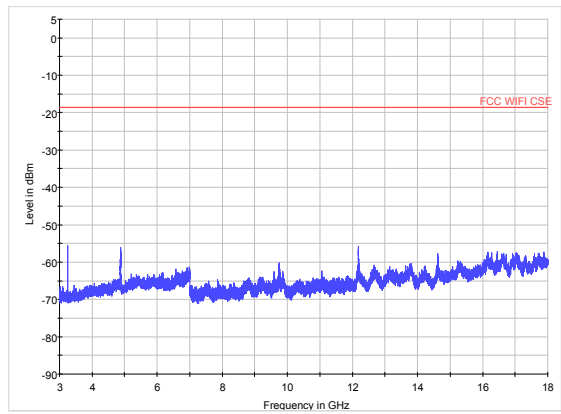
802.11n (HT20) CH6 30MHz to 3GHz



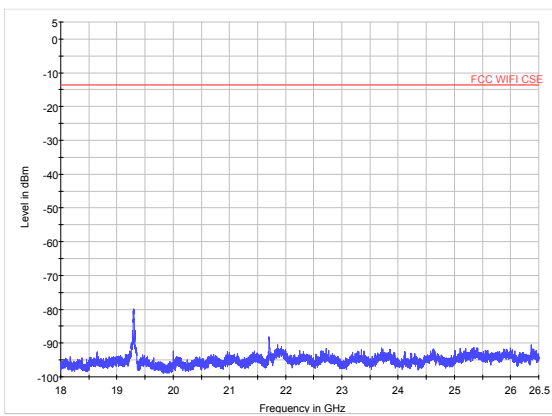
802.11n (HT20) CH1 3GHz to 18GHz



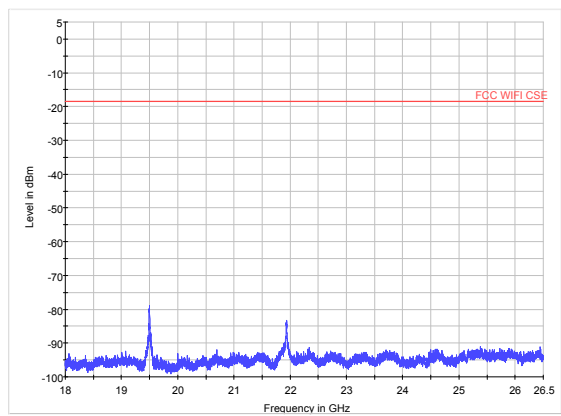
802.11n (HT20) CH6 3GHz to 18GHz



802.11n (HT20) CH1 18GHz to 26.5GHz

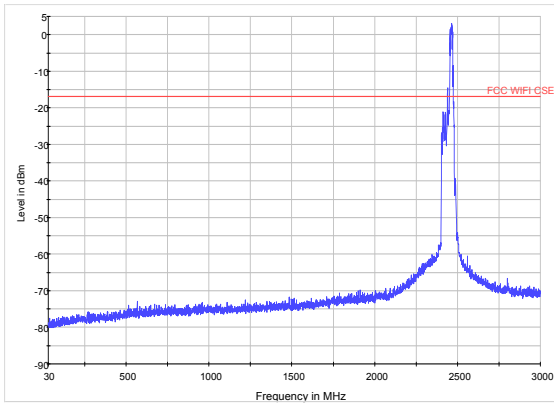


802.11n (HT20) CH6 18GHz to 26.5GHz

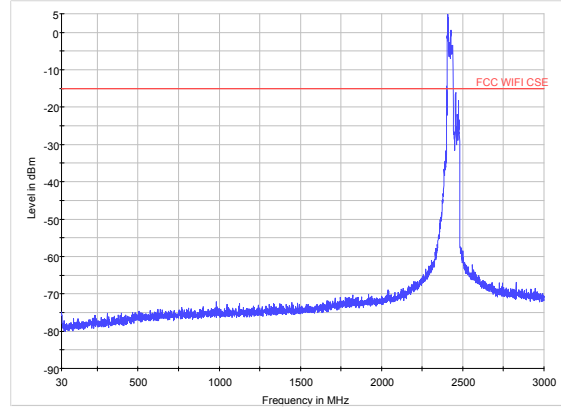




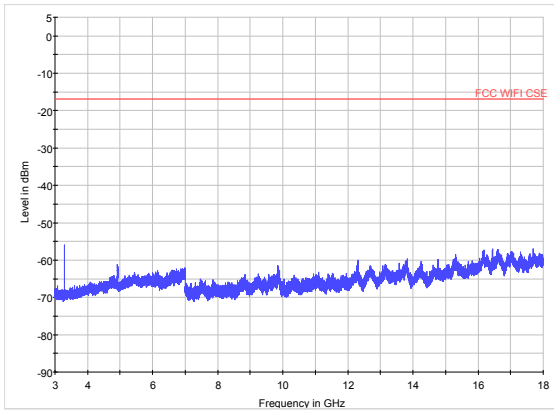
802.11n (HT20) CH11 30MHz to 3GHz



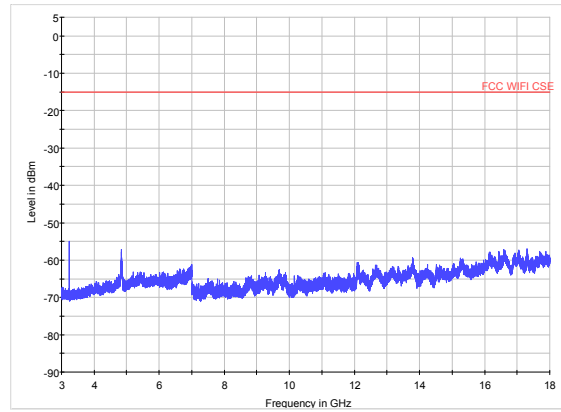
802.11n (HT40) CH3 30MHz to 3GHz



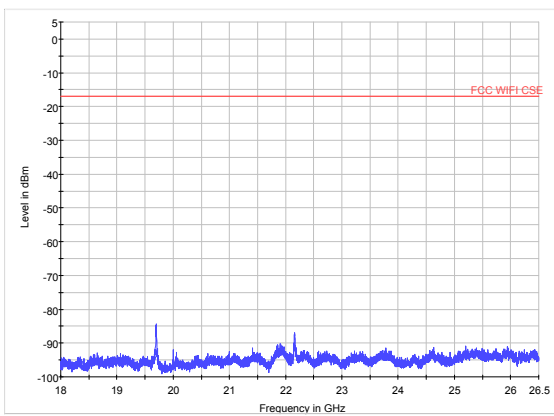
802.11n (HT20) CH11 3GHz to 18GHz



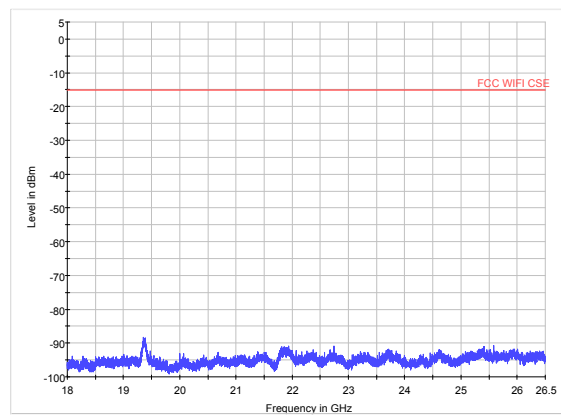
802.11n (HT40) CH3 3GHz to 18GHz



802.11n (HT20) CH11 18GHz to 26.5GHz

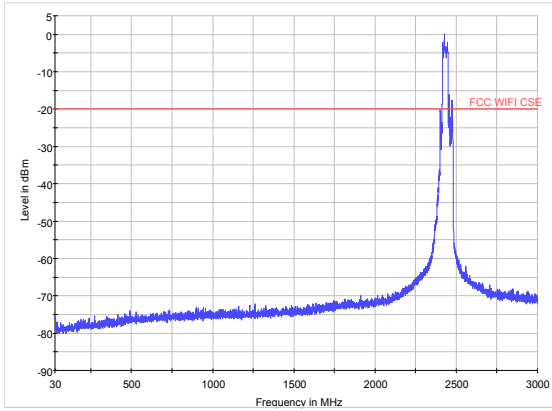


802.11n (HT40) CH3 18GHz to 26.5GHz

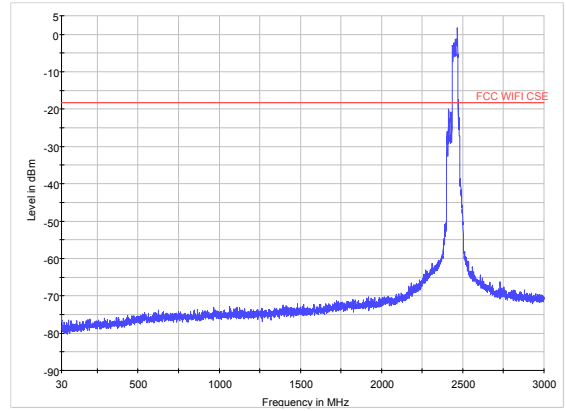




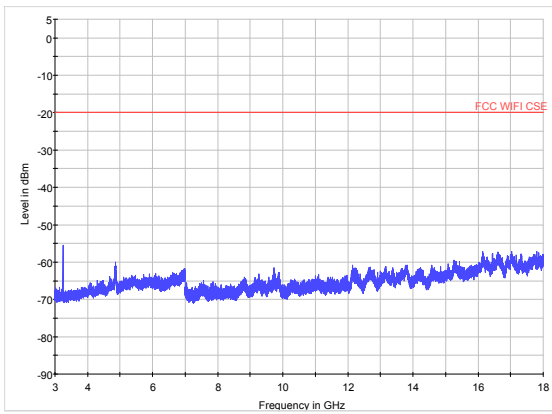
802.11n (HT40) CH6 30MHz to 3GHz



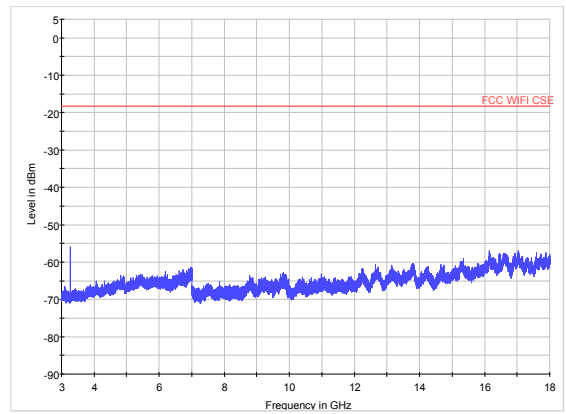
802.11n (HT40) CH9 30MHz to 3GHz



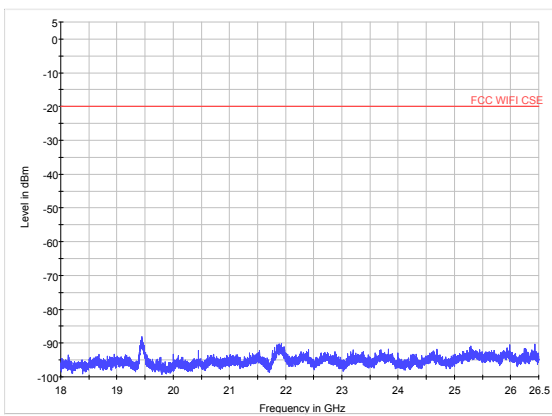
802.11n (HT40) CH6 3GHz to 18GHz



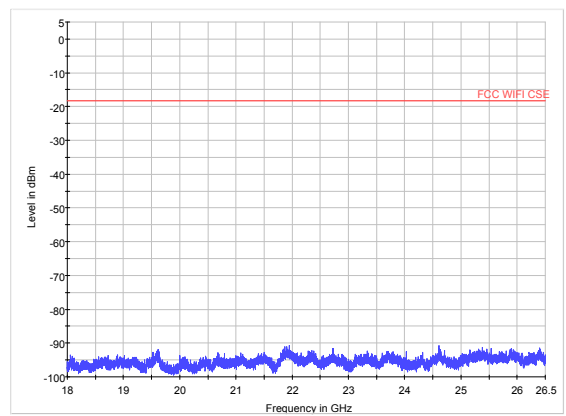
802.11n (HT40) CH9 3GHz to 18GHz



802.11n (HT40) CH6 18GHz to 26.5GHz



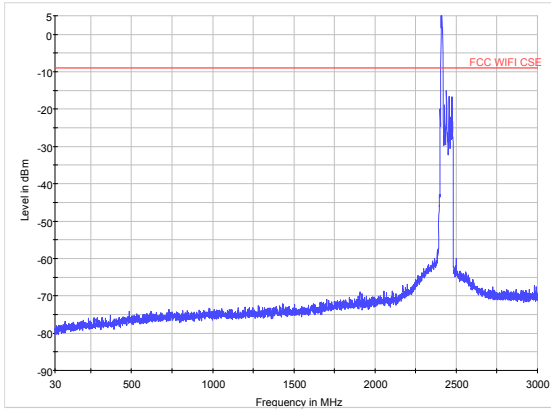
802.11n (HT40) CH9 18GHz to 26.5GHz



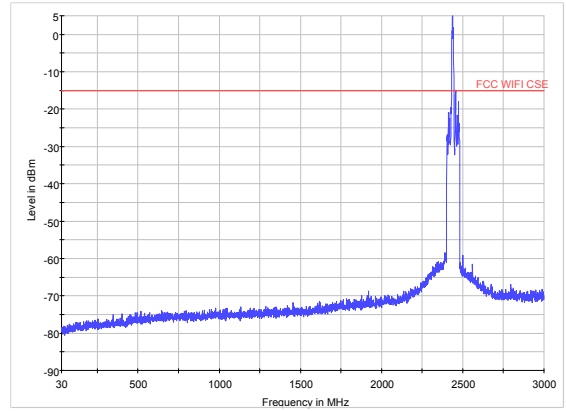


Antenna 2

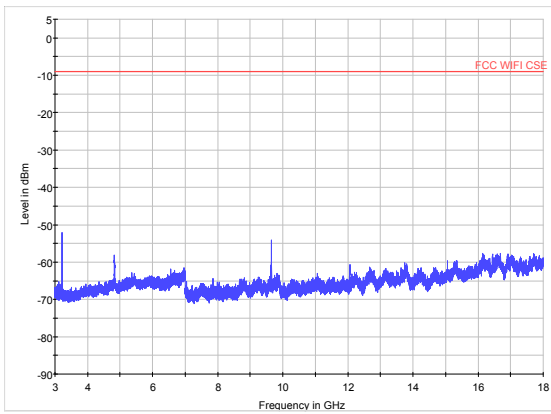
802.11b CH1 30MHz to 3GHz



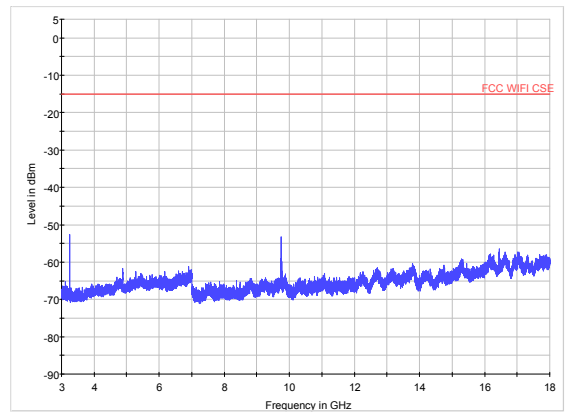
802.11b CH6 30MHz to 3GHz



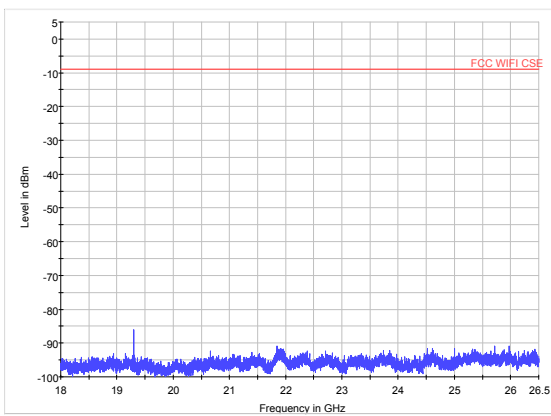
802.11b CH1 3GHz to 18GHz



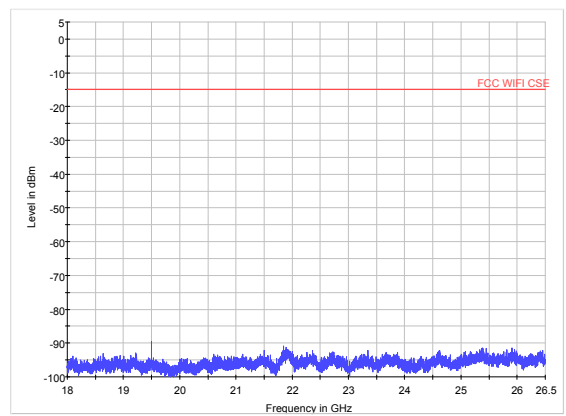
802.11b CH6 3GHz to 18GHz



802.11b CH1 18GHz to 26.5GHz

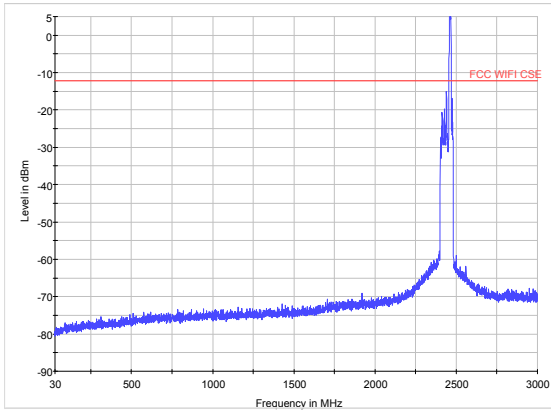


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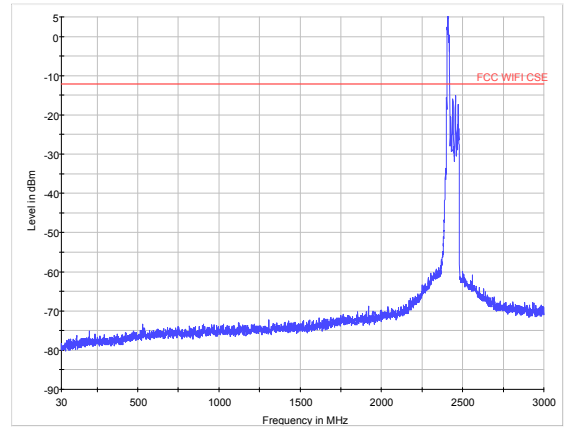




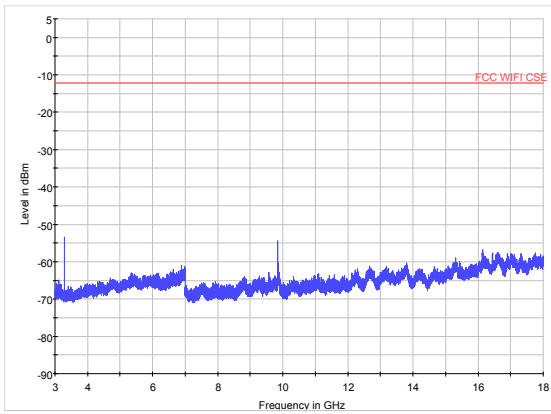
802.11b CH11 30MHz to 3GHz



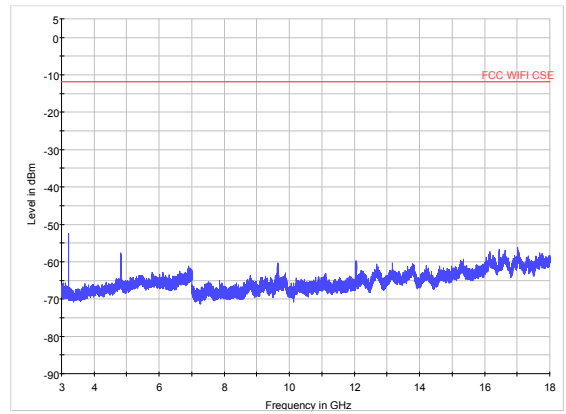
802.11g CH1 30MHz to 3GHz



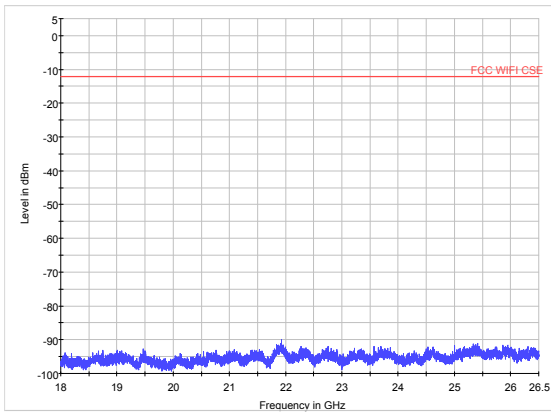
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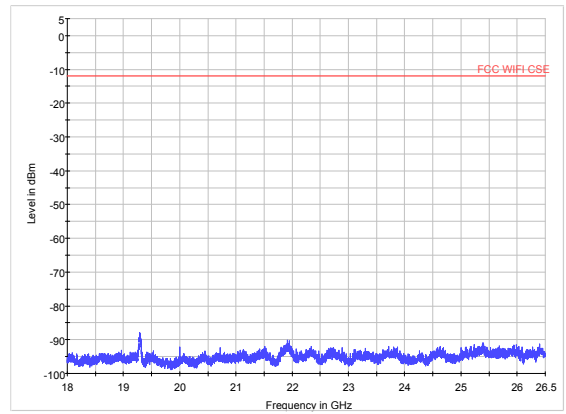
802.11g CH1 3GHz to 18GHz



802.11b CH11 18GHz to 26.5GHz

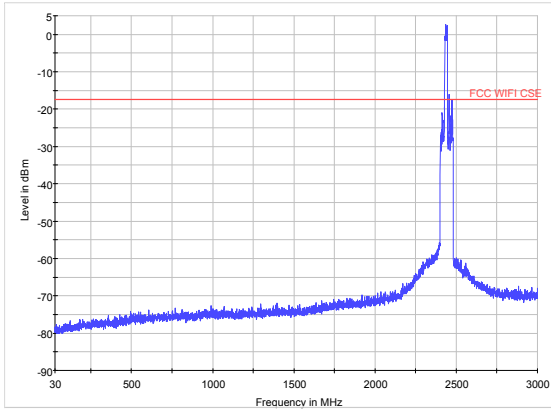


802.11g CH1 18GHz to 26.5GHz

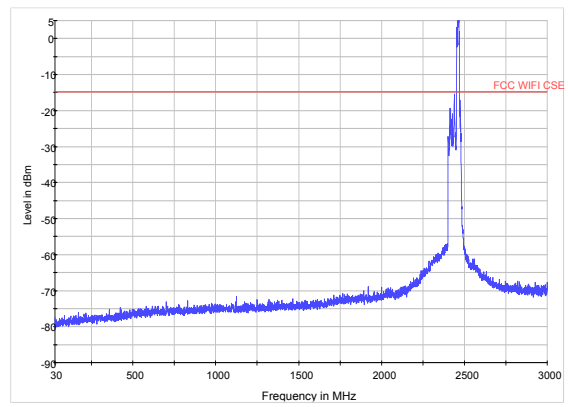




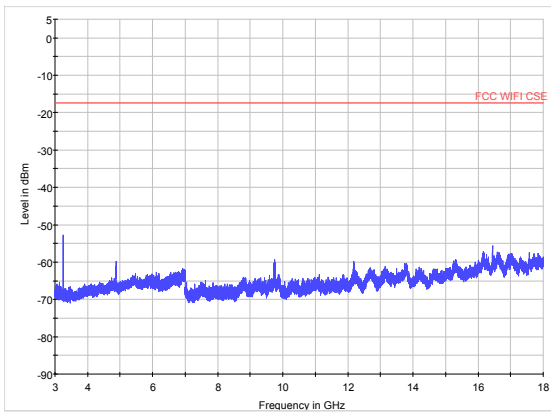
802.11g CH6 30MHz to 3GHz



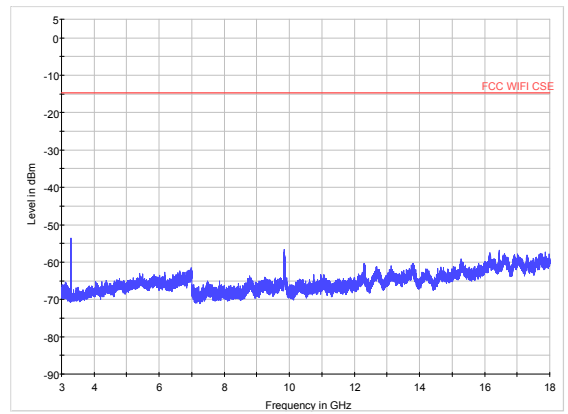
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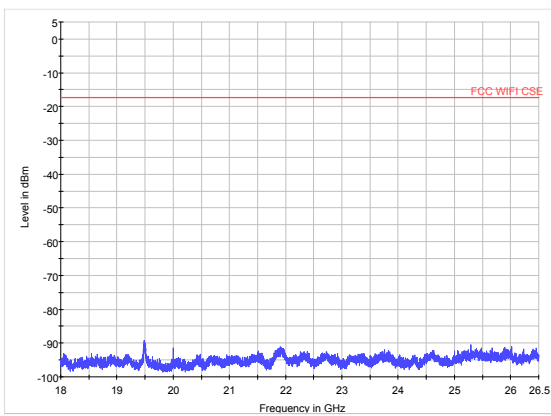
802.11g CH6 3GHz to 18GHz



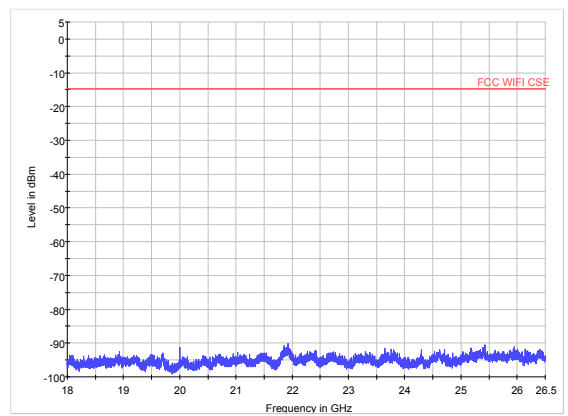
802.11g CH11 3GHz to 18GHz



802.11g CH6 18GHz to 26.5GHz

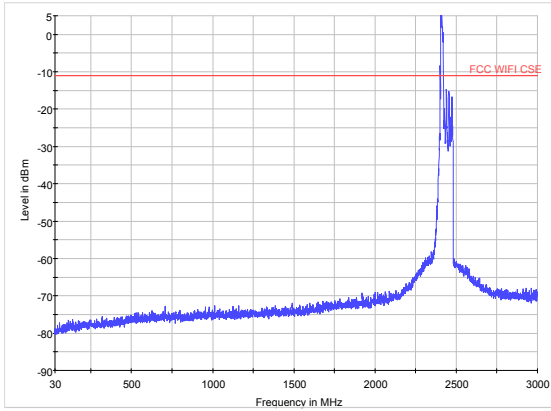


802.11g CH11 18GHz to 26.5GHz

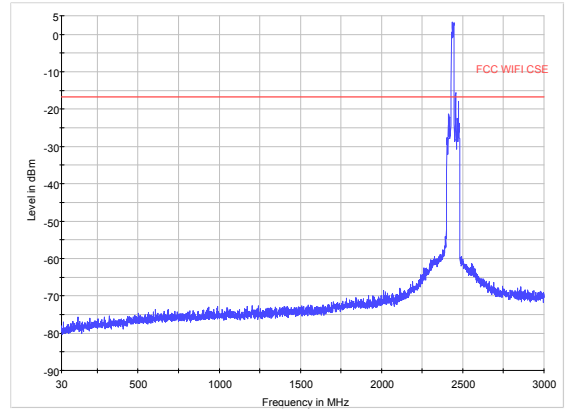




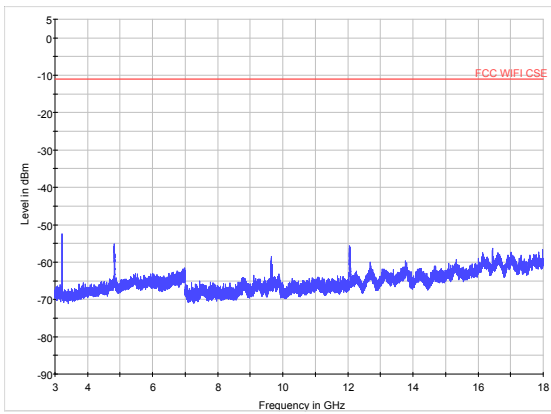
802.11n (HT20) CH1 30MHz to 3GHz



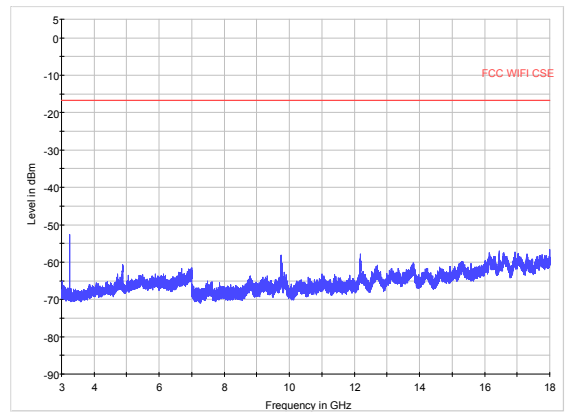
802.11n (HT20) CH6 30MHz to 3GHz



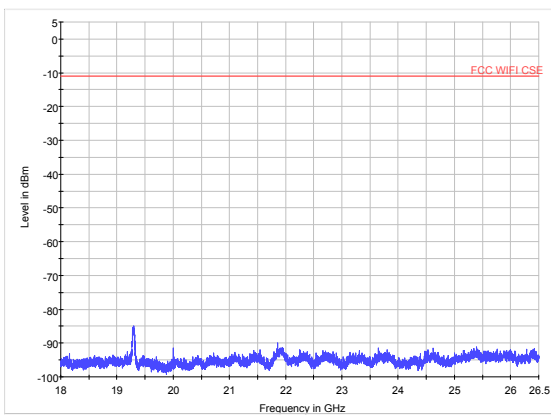
802.11n (HT20) CH1 3GHz to 18GHz



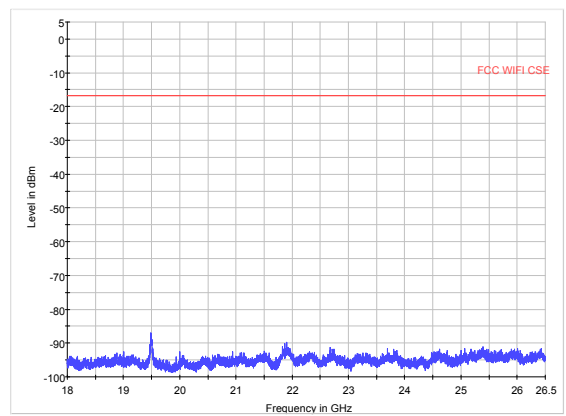
802.11n (HT20) CH6 3GHz to 18GHz



802.11n (HT20) CH1 18GHz to 26.5GHz



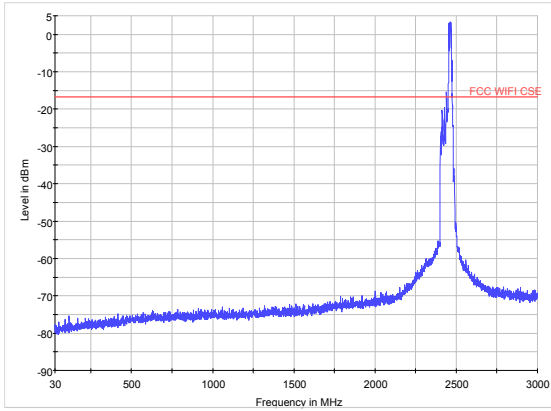
802.11n (HT20) CH6 18GHz to 26.5GHz



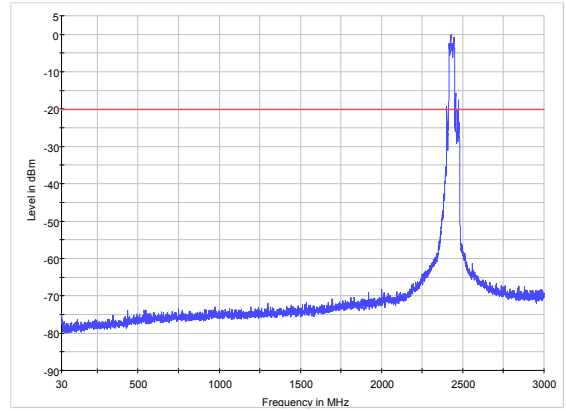




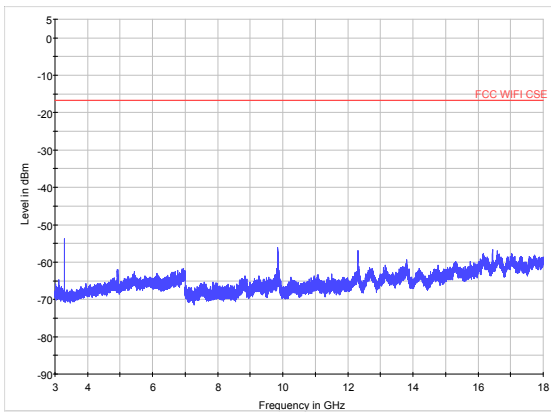
802.11n (HT20) CH11 30MHz to 3GHz



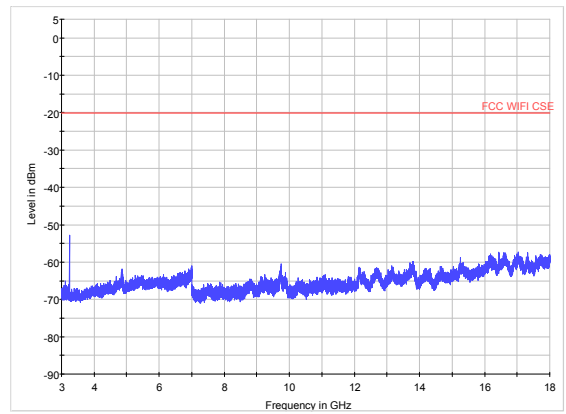
802.11n (HT40) CH3 30MHz to 3GHz



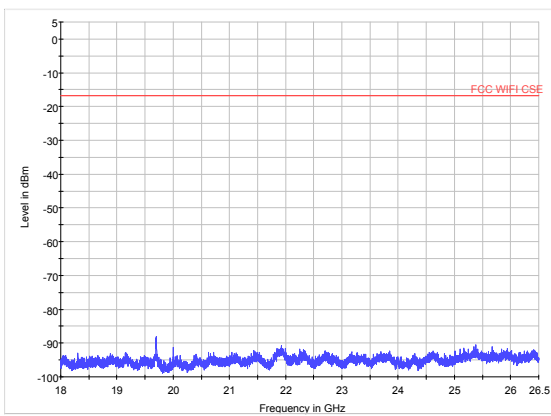
802.11n (HT20) CH11 3GHz to 18GHz



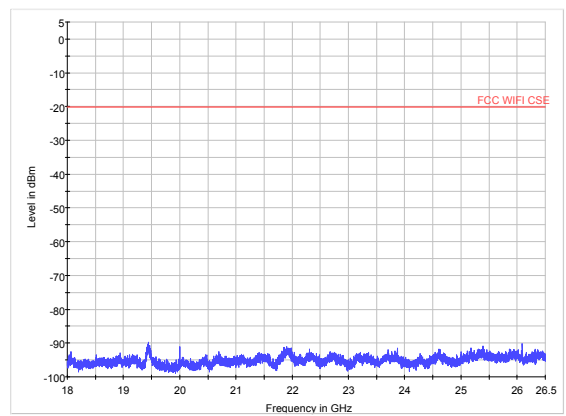
802.11n (HT40) CH3 3GHz to 18GHz



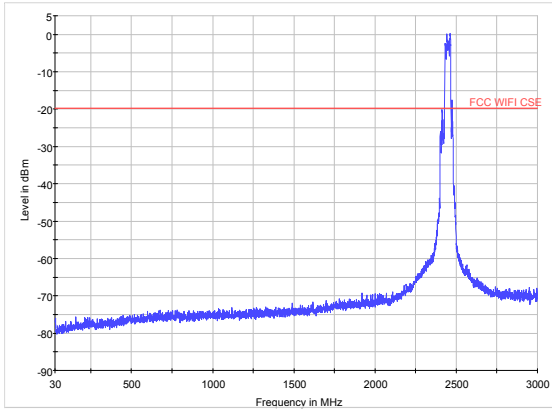
802.11n (HT20) CH11 18GHz to 26.5GHz



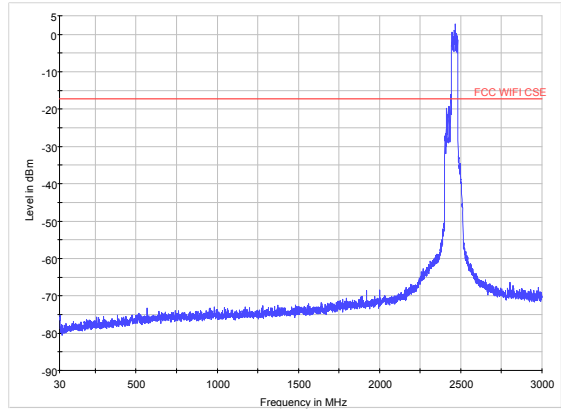
802.11n (HT40) CH3 18GHz to 26.5GHz



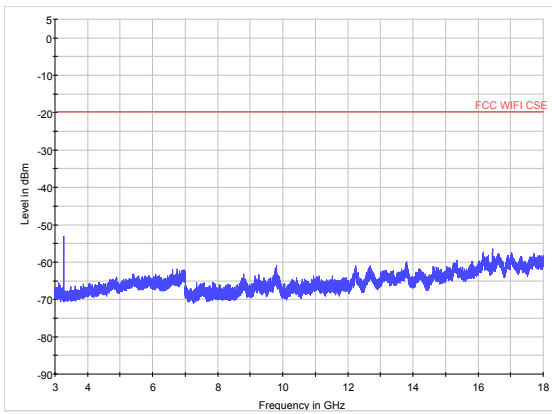
802.11n (HT40) CH6 30MHz to 3GHz



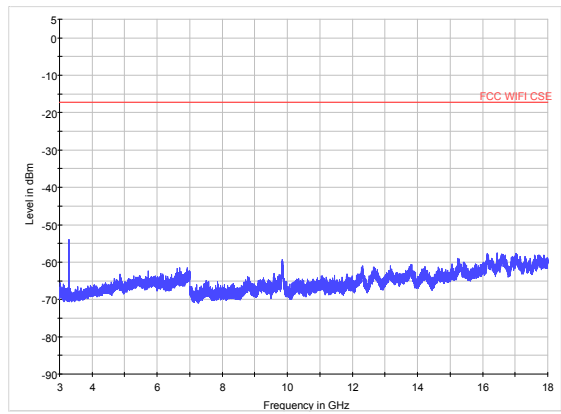
802.11n (HT40) CH9 30MHz to 3GHz



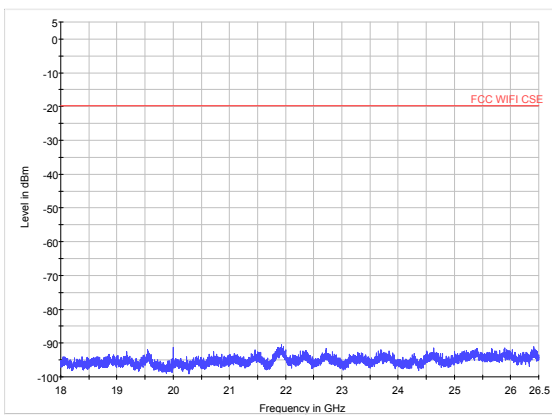
802.11n (HT40) CH6 3GHz to 18GHz



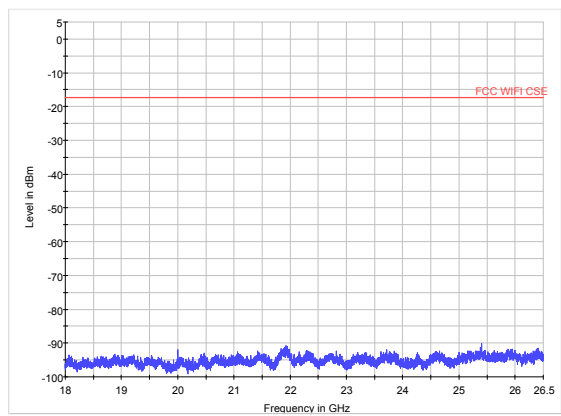
802.11n (HT40) CH9 3GHz to 18GHz



802.11n (HT40) CH6 18GHz to 26.5GHz



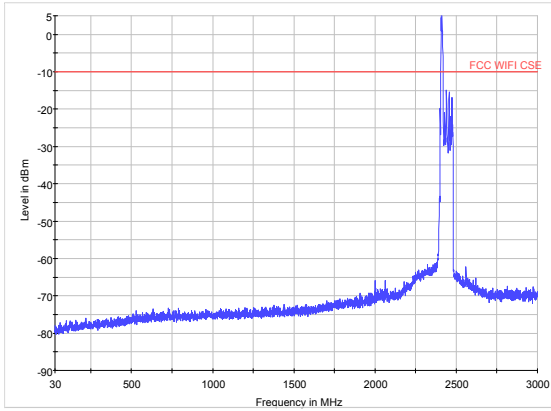
802.11n (HT40) CH9 18GHz to 26.5GHz



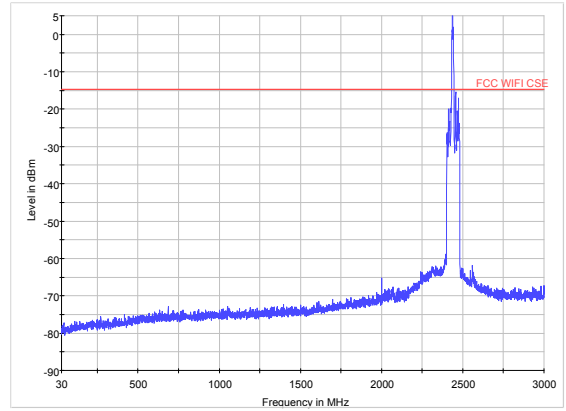


### Antenna 3

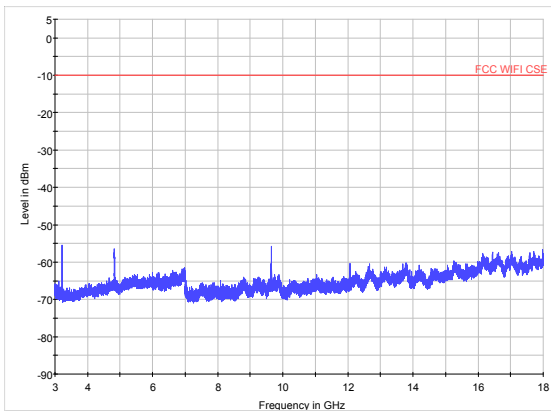
802.11b CH1 30MHz to 3GHz



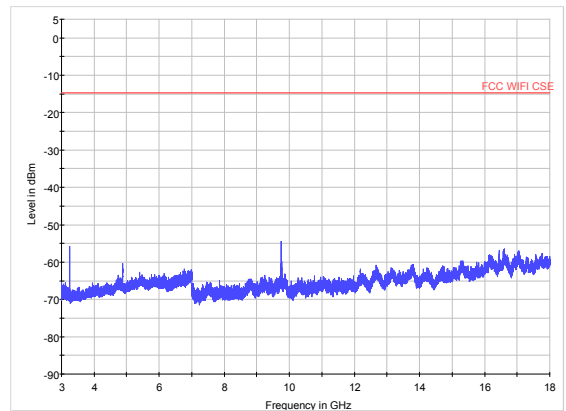
802.11b CH6 30MHz to 3GHz



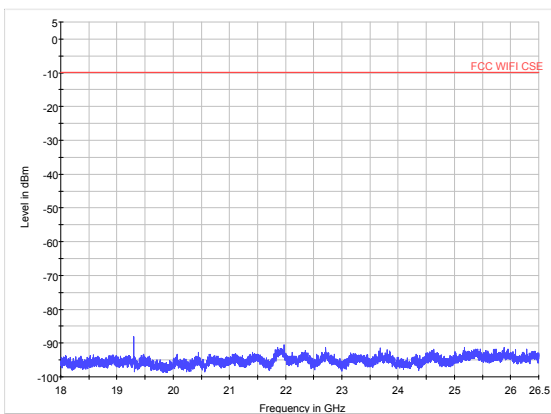
802.11b CH1 3GHz to 18GHz



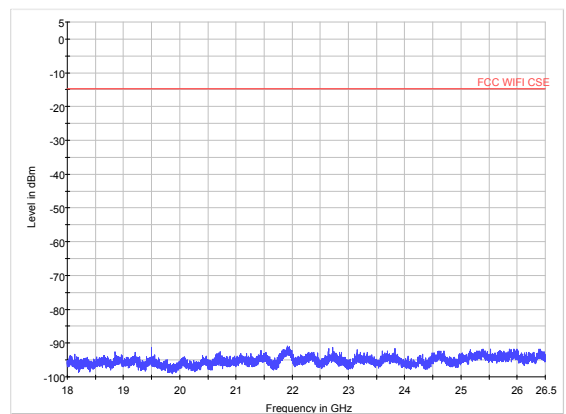
802.11b CH6 3GHz to 18GHz



802.11b CH1 18GHz to 26.5GHz

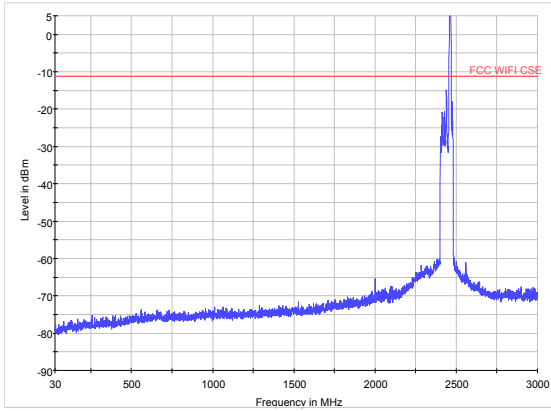


802.11b CH6 18GHz to 26.5GHz

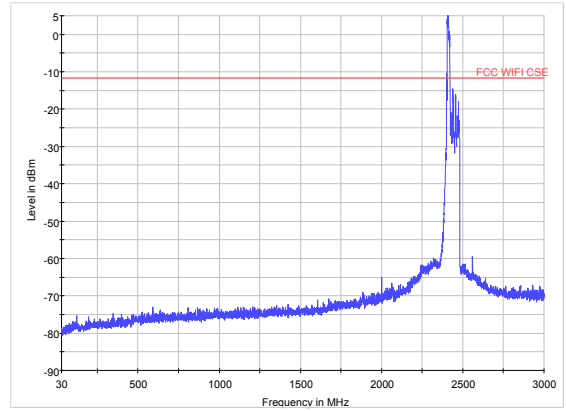




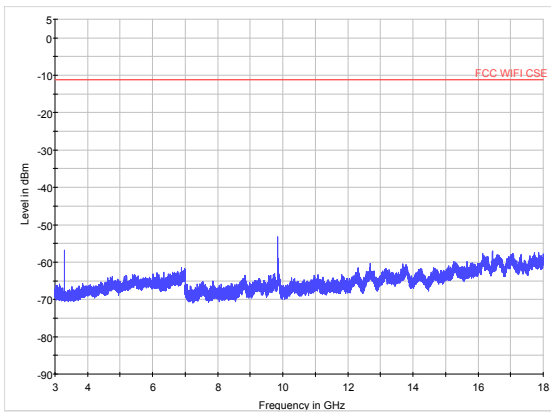
802.11b CH11 30MHz to 3GHz



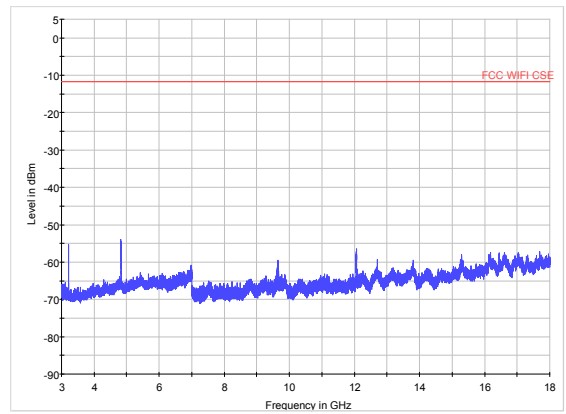
802.11g CH1 30MHz to 3GHz



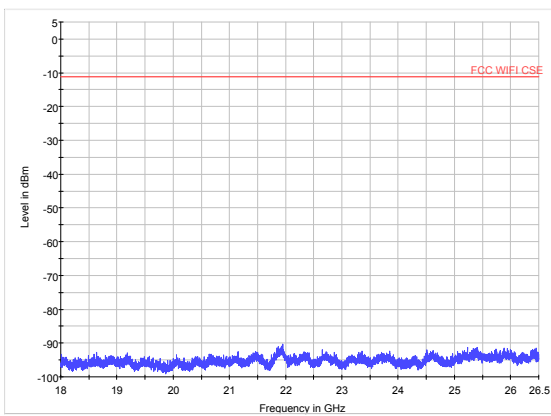
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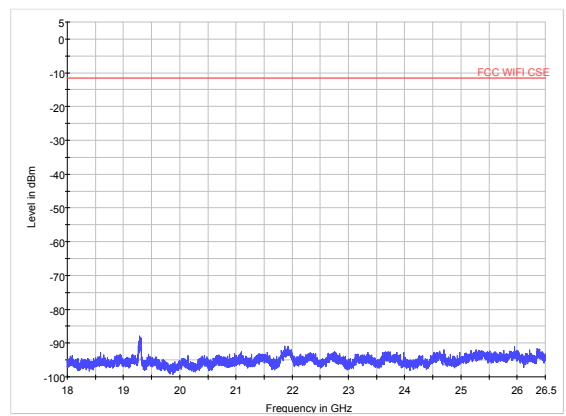
802.11g CH1 3GHz to 18GHz



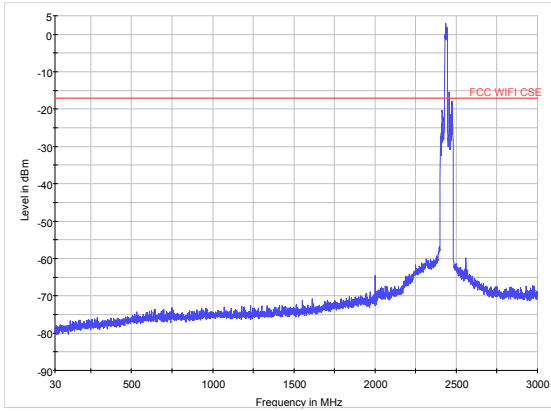
802.11b CH11 18GHz to 26.5GHz



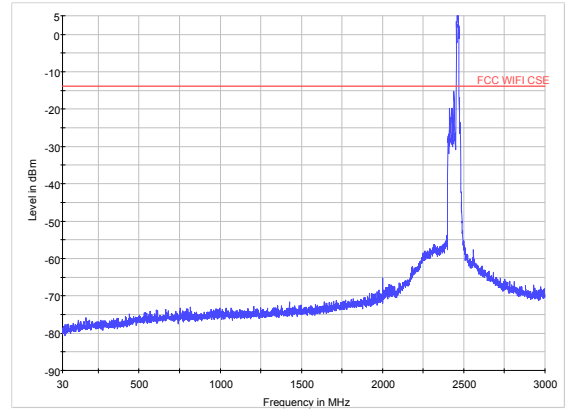
802.11g CH1 18GHz to 26.5GHz



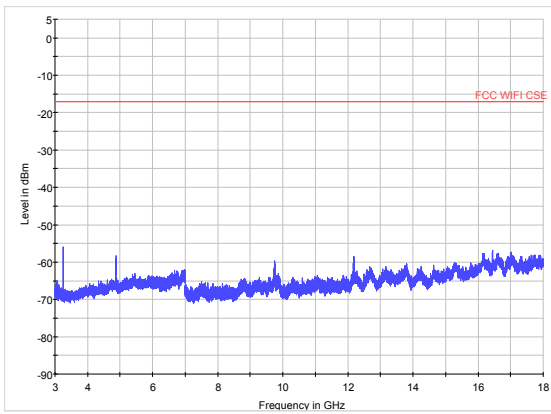
802.11g CH6 30MHz to 3GHz



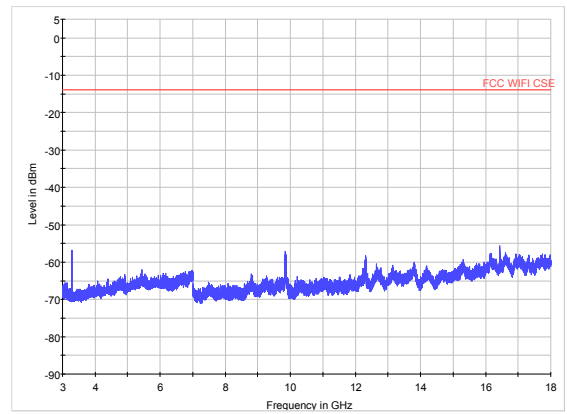
802.11g CH11 30MHz to 3GHz



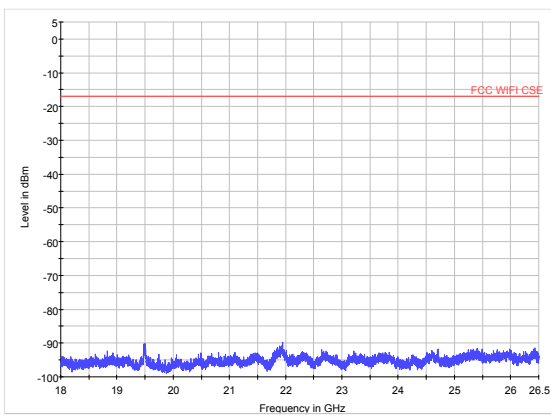
802.11g CH6 3GHz to 18GHz



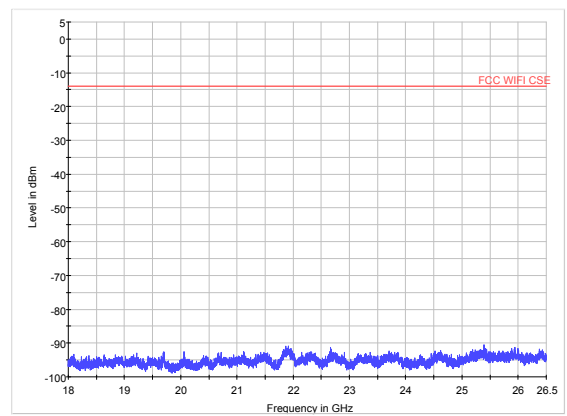
802.11g CH11 3GHz to 18GHz



802.11g CH6 18GHz to 26.5GHz

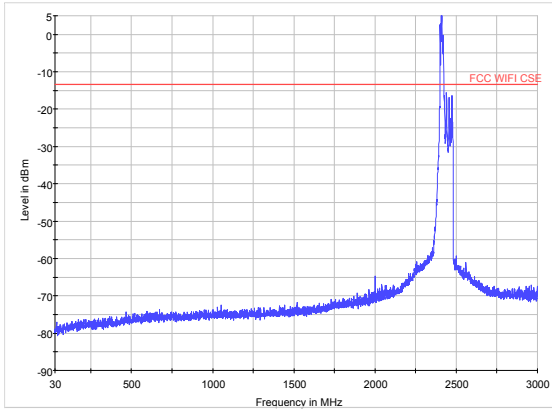


802.11g CH11 18GHz to 26.5GHz

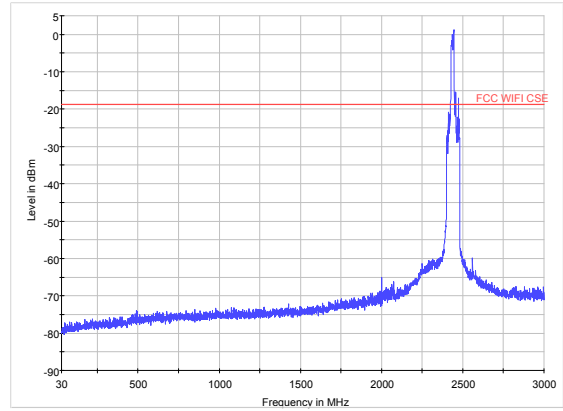




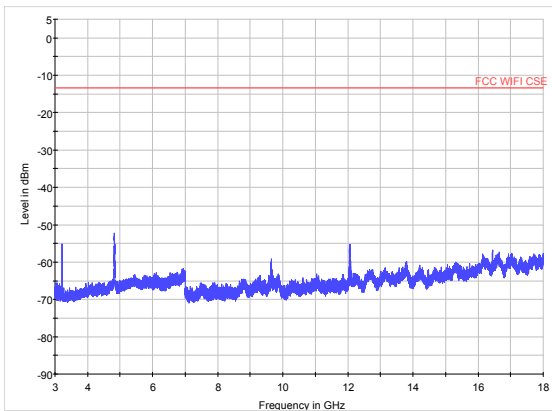
802.11n (HT20) CH1 30MHz to 3GHz



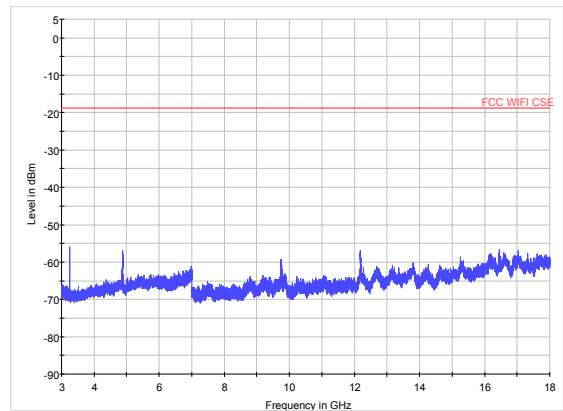
802.11n (HT20) CH6 30MHz to 3GHz



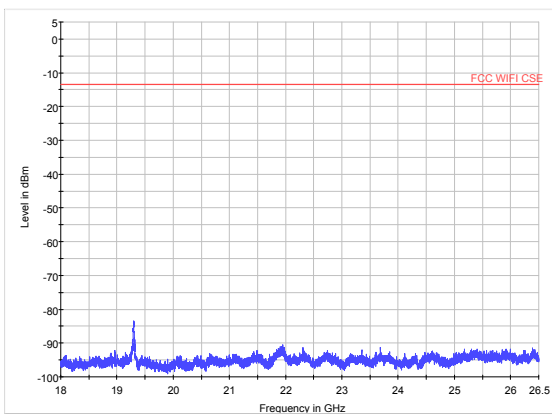
802.11n (HT20) CH1 3GHz to 18GHz



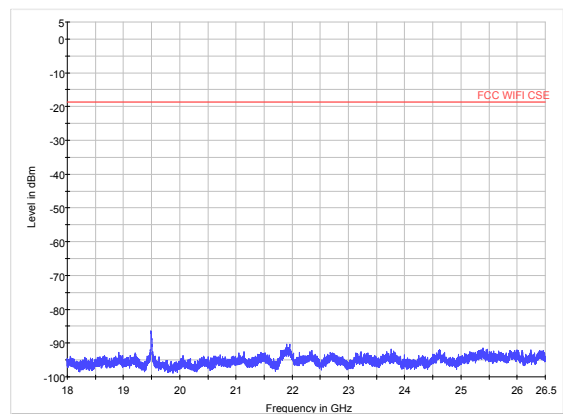
802.11n (HT20) CH6 3GHz to 18GHz



802.11n (HT20) CH1 18GHz to 26.5GHz

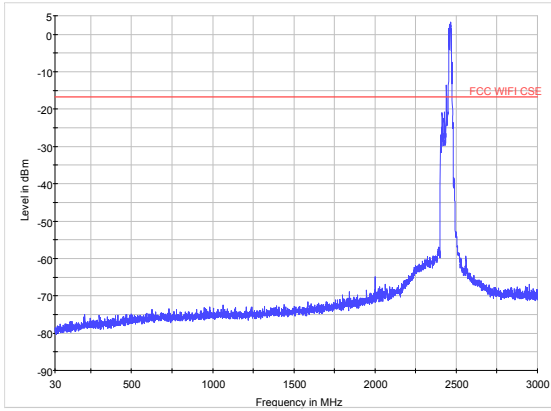


802.11n (HT20) CH6 18GHz to 26.5GHz

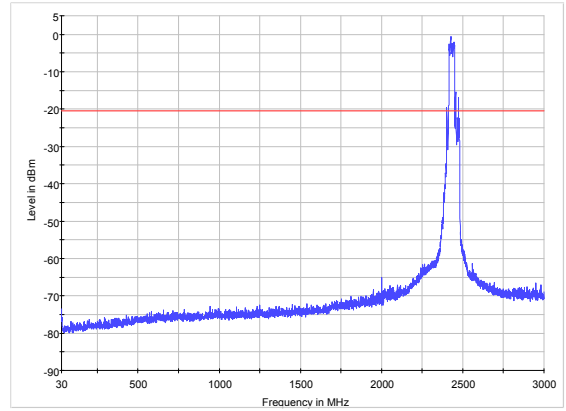




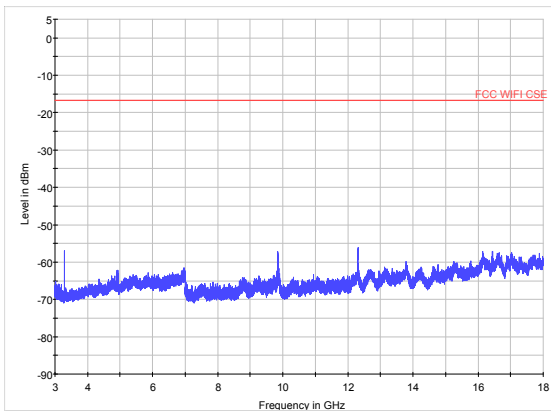
802.11n (HT20) CH11 30MHz to 3GHz



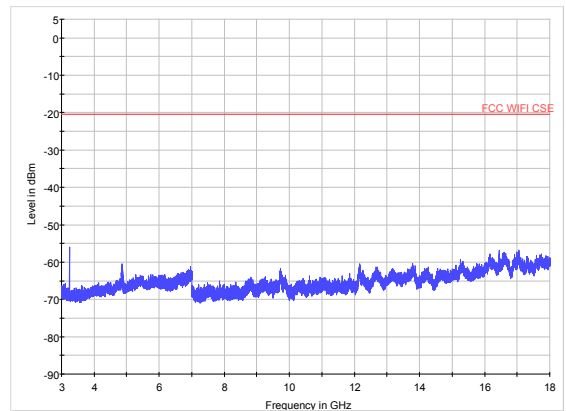
802.11n (HT40) CH3 30MHz to 3GHz



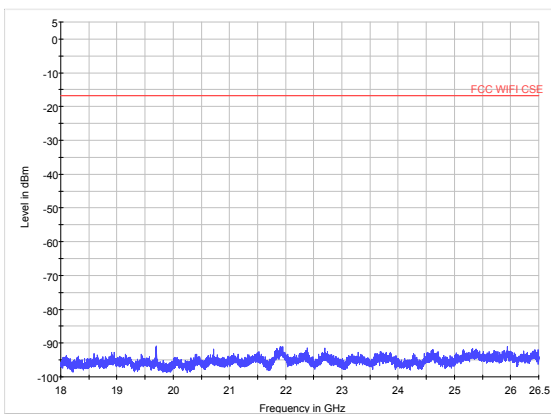
802.11n (HT20) CH11 3GHz to 18GHz



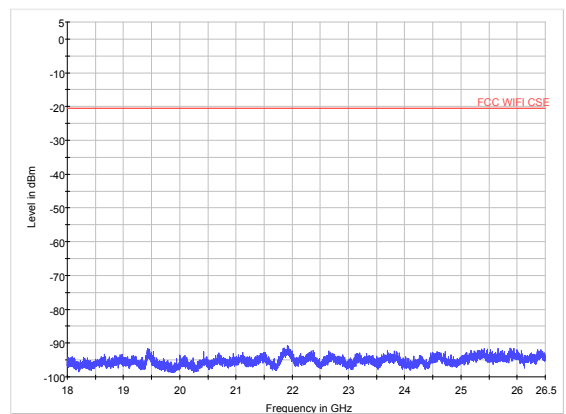
802.11n (HT40) CH3 3GHz to 18GHz



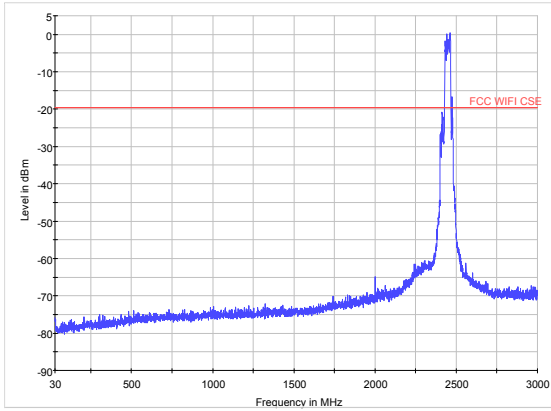
802.11n (HT20) CH11 18GHz to 26.5GHz



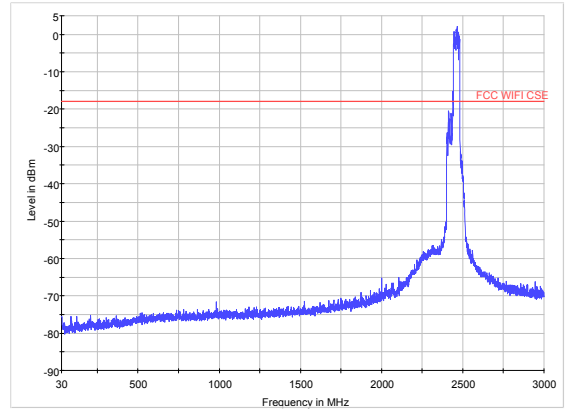
802.11n (HT40) CH3 18GHz to 26.5GHz



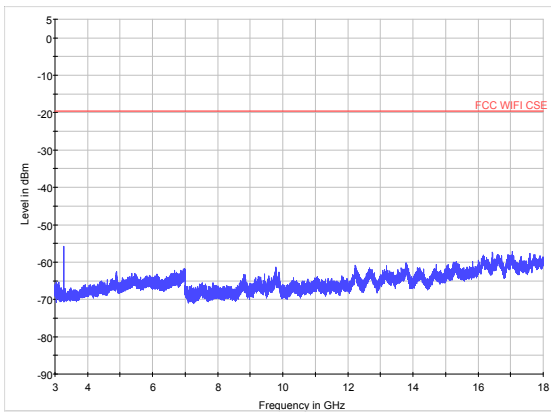
802.11n (HT40) CH6 30MHz to 3GHz



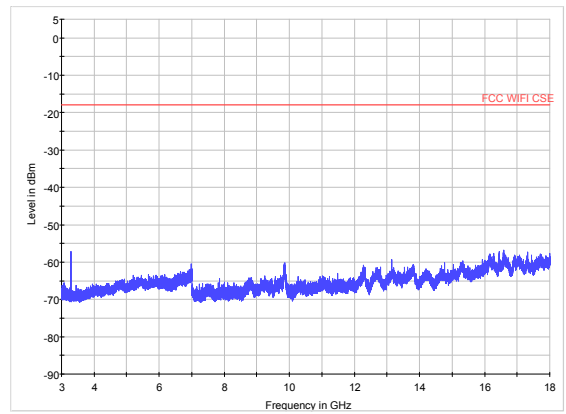
802.11n (HT40) CH9 30MHz to 3GHz



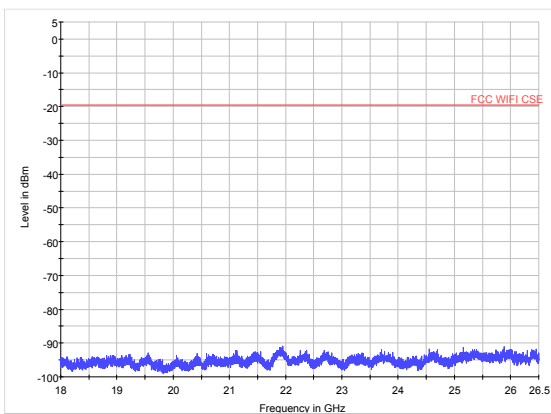
802.11n (HT40) CH6 3GHz to 18GHz



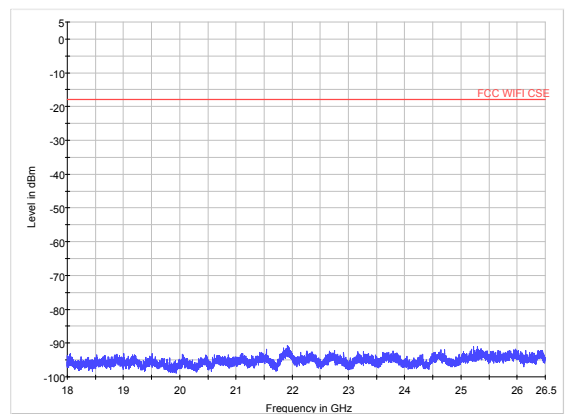
802.11n (HT40) CH9 3GHz to 18GHz



802.11n (HT40) CH6 18GHz to 26.5GHz



802.11n (HT40) CH9 18GHz to 26.5GHz

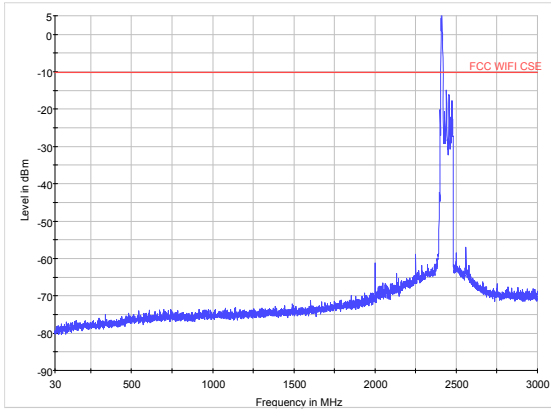




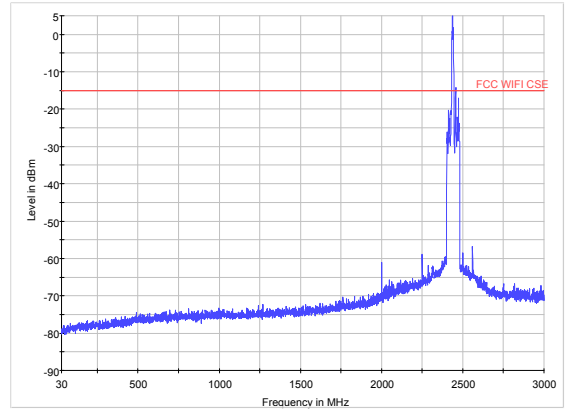


Antenna 4

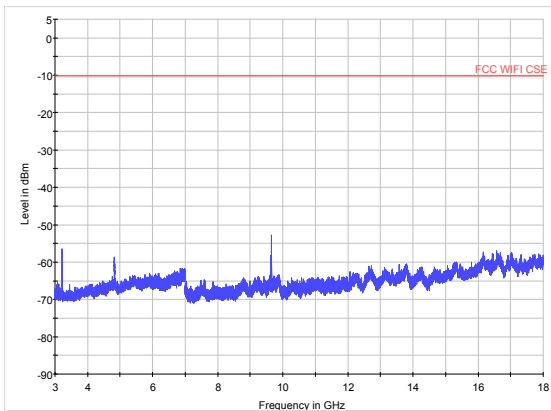
802.11b CH1 30MHz to 3GHz



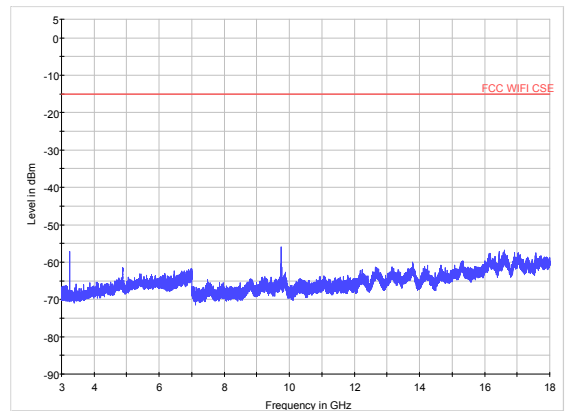
802.11b CH6 30MHz to 3GHz



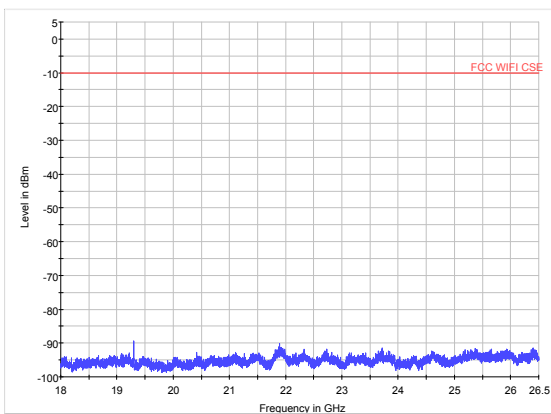
802.11b CH1 3GHz to 18GHz



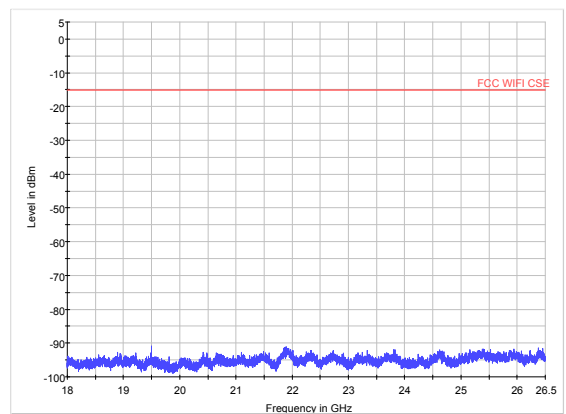
802.11b CH6 3GHz to 18GHz



802.11b CH1 18GHz to 26.5GHz

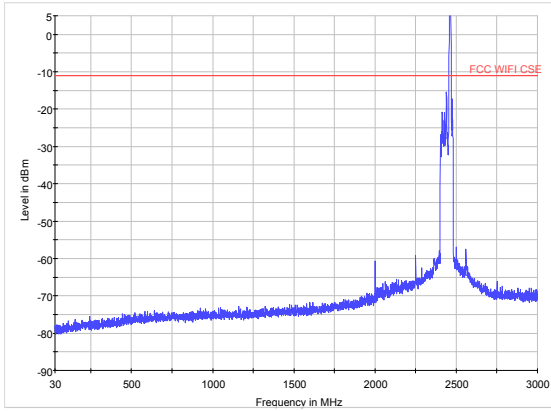


802.11b CH6 18GHz to 26.5GHz

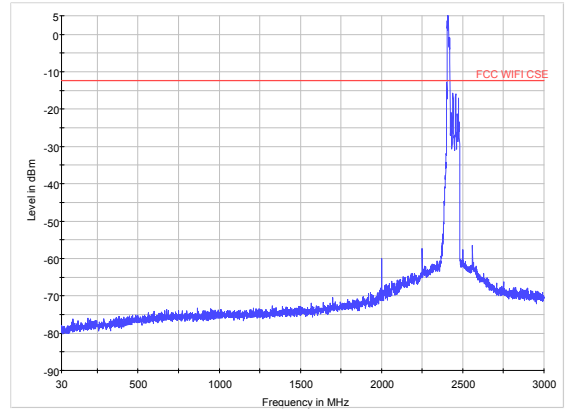




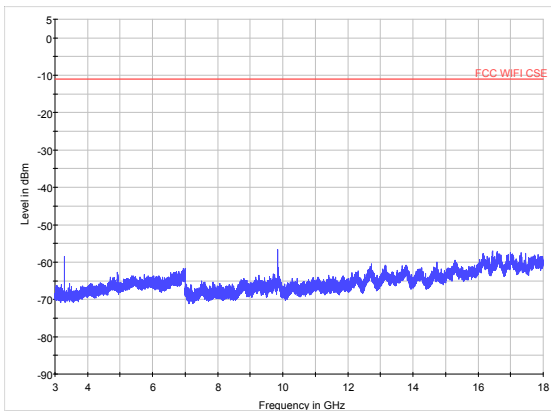
802.11b CH11 30MHz to 3GHz



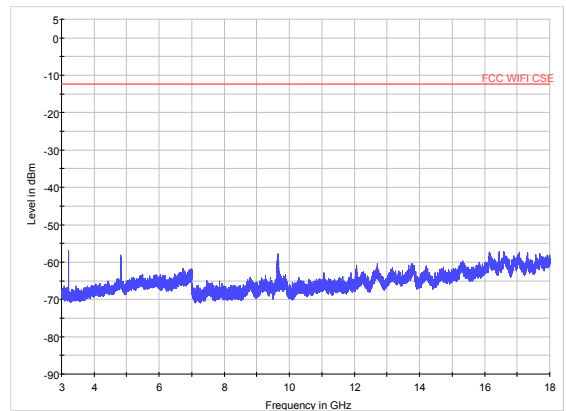
802.11g CH1 30MHz to 3GHz



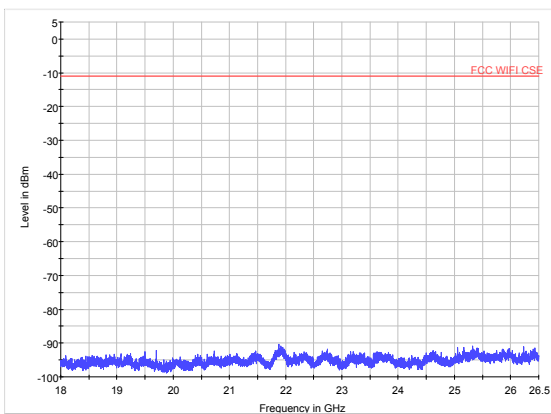
802.11b CH11 3GHz to 18GHz



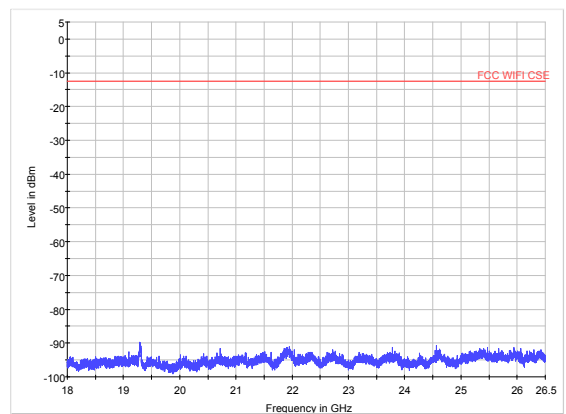
802.11g CH1 3GHz to 18GHz



802.11b CH11 18GHz to 26.5GHz

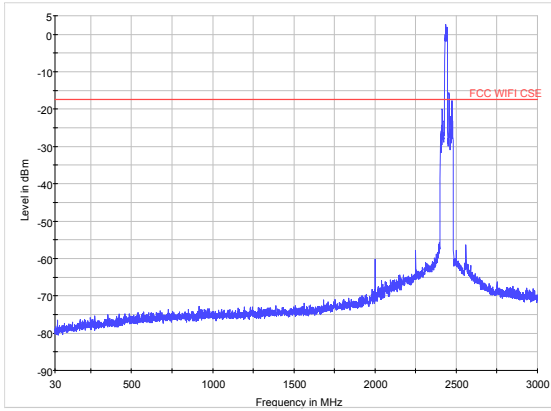


802.11g CH1 18GHz to 26.5GHz

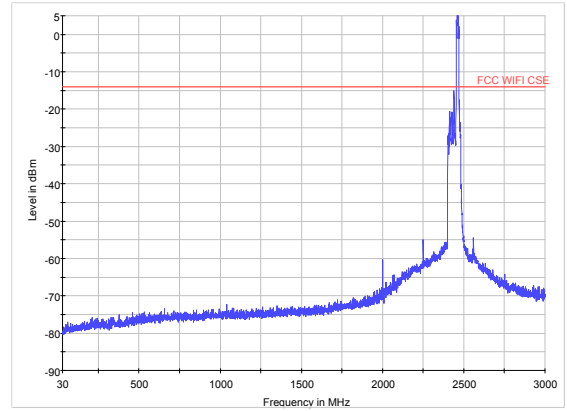




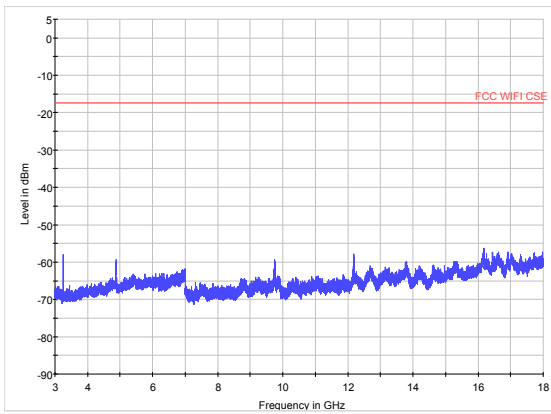
802.11g CH6 30MHz to 3GHz



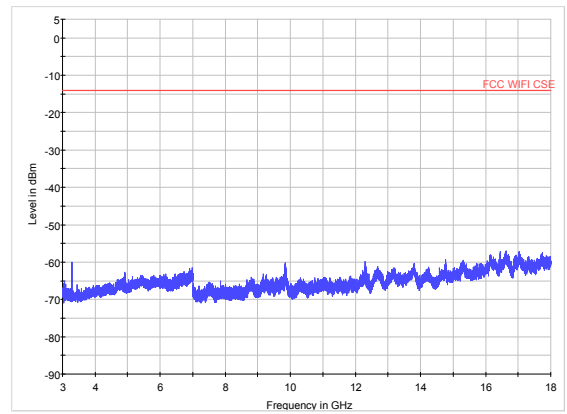
802.11g CH11 30MHz to 3GHz



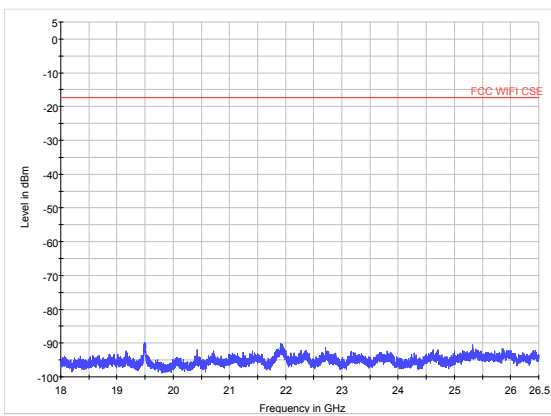
802.11g CH6 3GHz to 18GHz



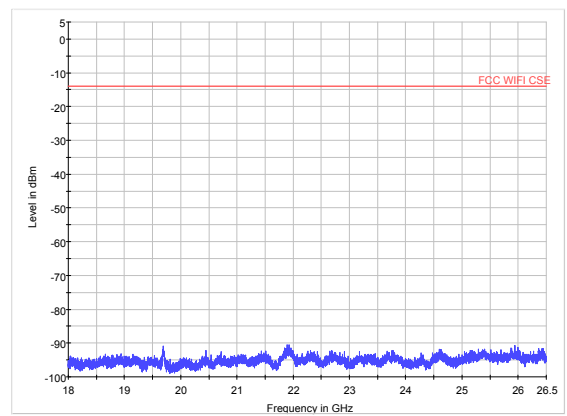
802.11g CH11 3GHz to 18GHz



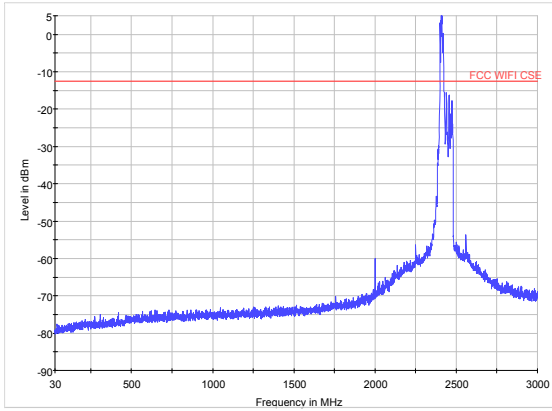
802.11g CH6 18GHz to 26.5GHz



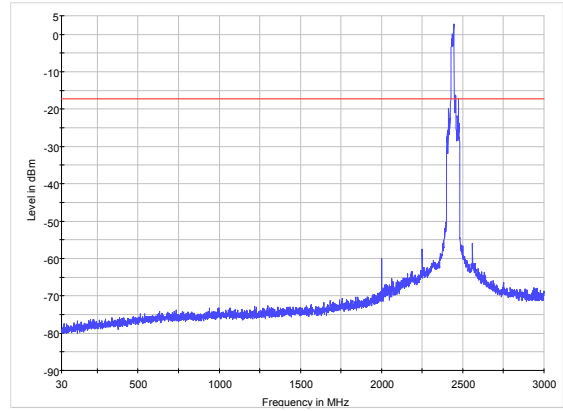
802.11g CH11 18GHz to 26.5GHz



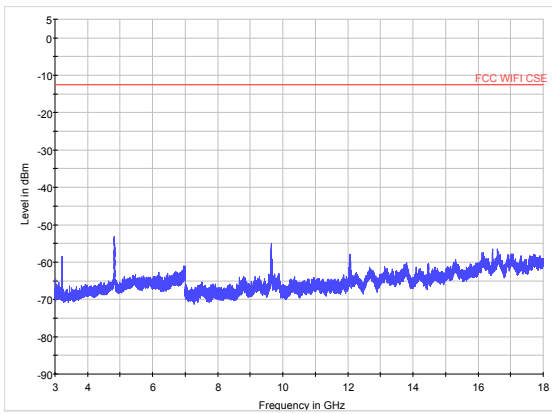
802.11n (HT20) CH1 30MHz to 3GHz



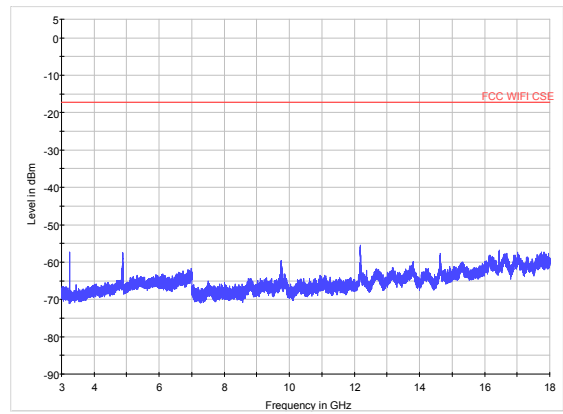
802.11n (HT20) CH6 30MHz to 3GHz



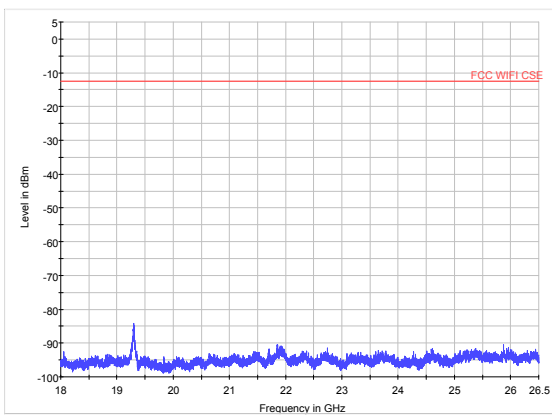
802.11n (HT20) CH1 3GHz to 18GHz



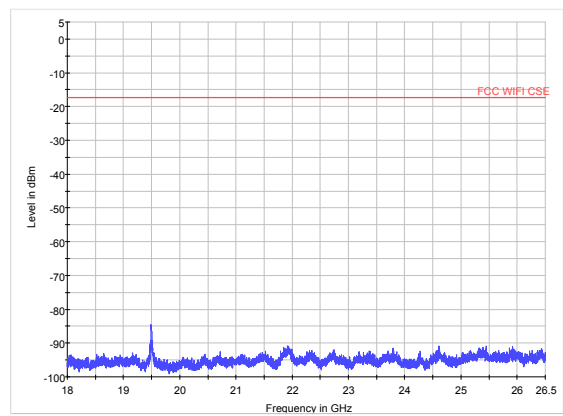
802.11n (HT20) CH6 3GHz to 18GHz



802.11n (HT20) CH1 18GHz to 26.5GHz

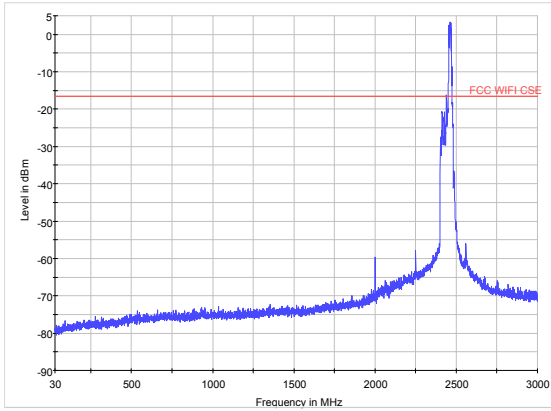


802.11n (HT20) CH6 18GHz to 26.5GHz

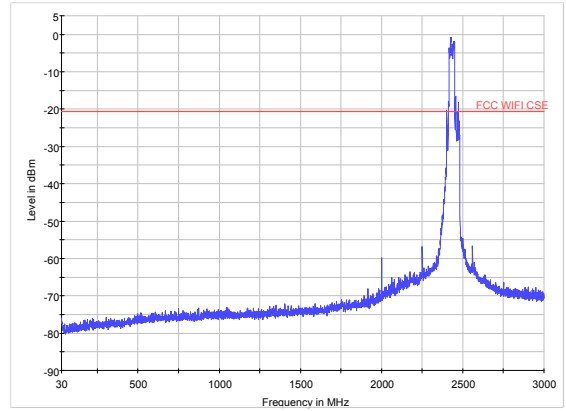




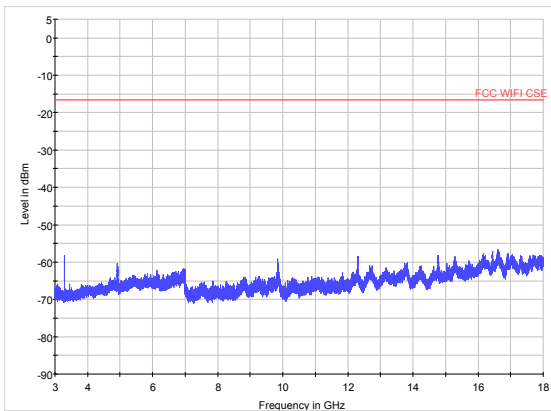
802.11n (HT20) CH11 30MHz to 3GHz



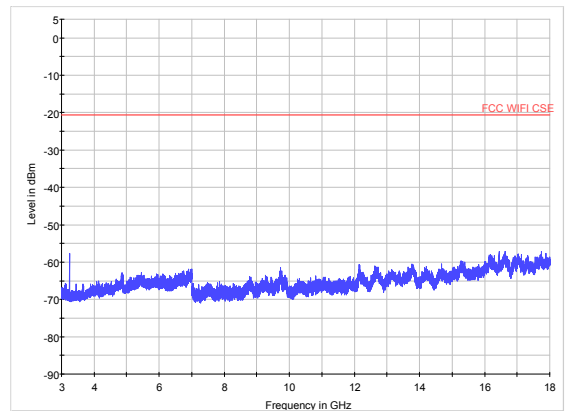
802.11n (HT40) CH3 30MHz to 3GHz



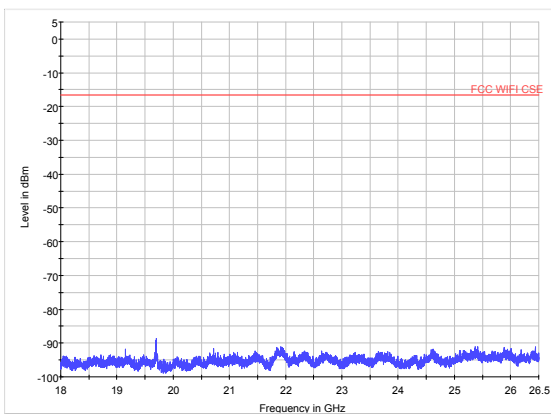
802.11n (HT20) CH11 3GHz to 18GHz



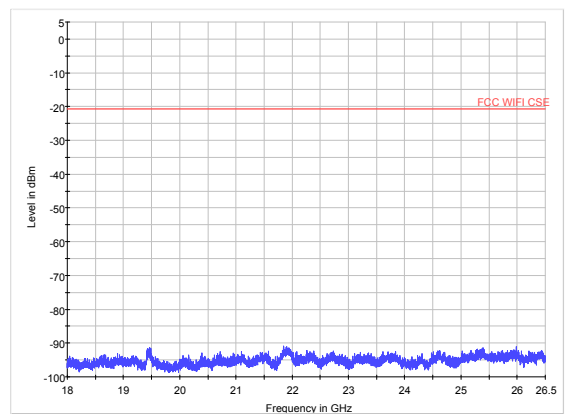
802.11n (HT40) CH3 3GHz to 18GHz



802.11n (HT20) CH11 18GHz to 26.5GHz

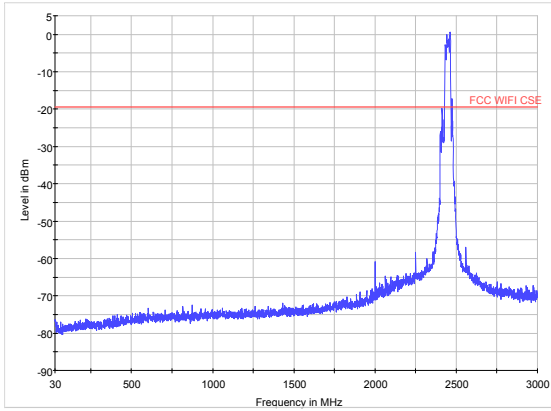


802.11n (HT40) CH3 18GHz to 26.5GHz

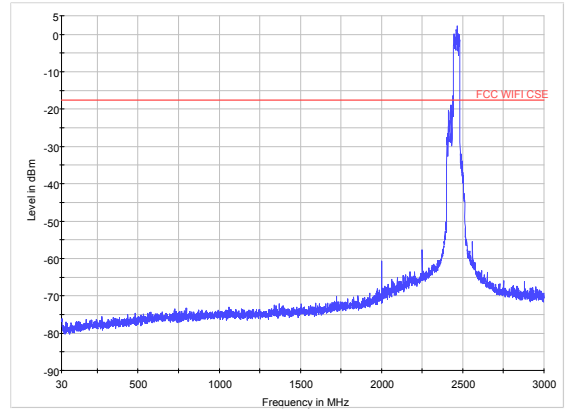




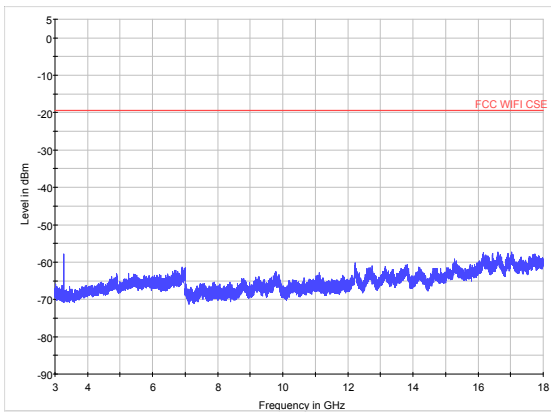
802.11n (HT40) CH6 30MHz to 3GHz



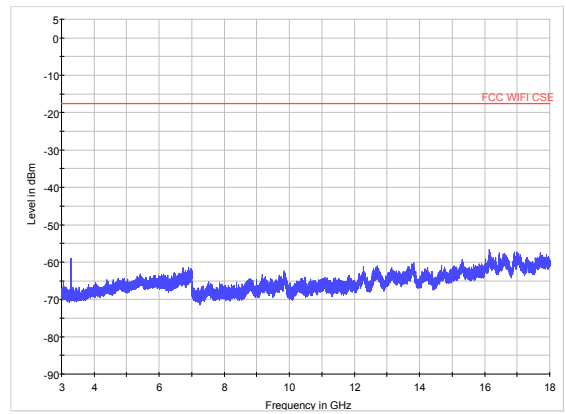
802.11n (HT40) CH9 30MHz to 3GHz



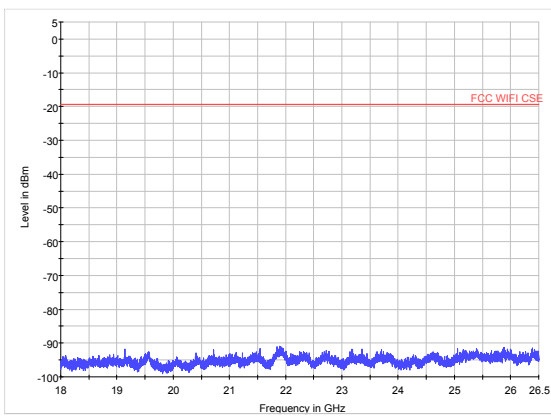
802.11n (HT40) CH6 3GHz to 18GHz



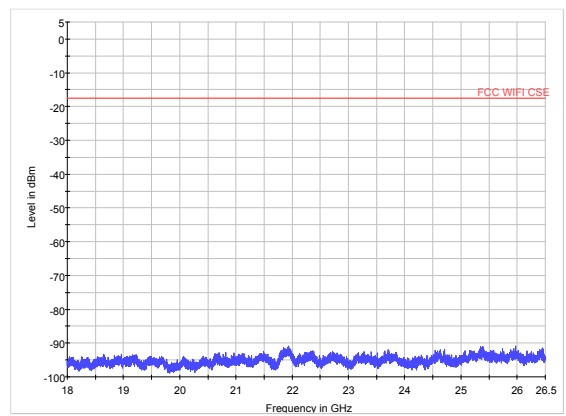
802.11n (HT40) CH9 3GHz to 18GHz



802.11n (HT40) CH6 18GHz to 26.5GHz



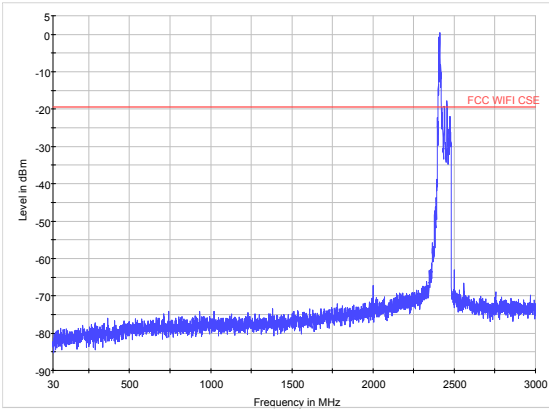
802.11n (HT40) CH9 18GHz to 26.5GHz



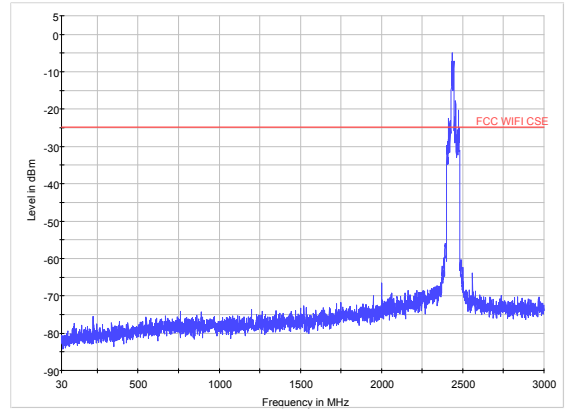


MIMO

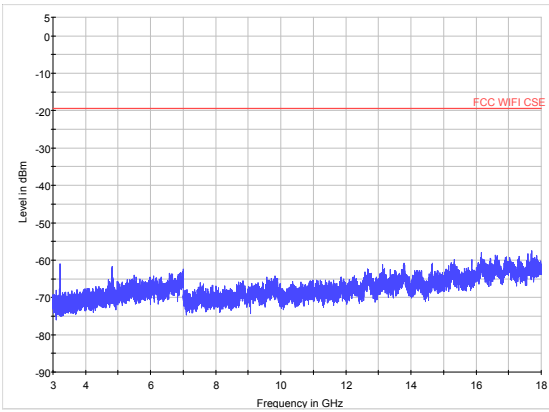
802.11n (HT20) CH1 30MHz to 3GHz



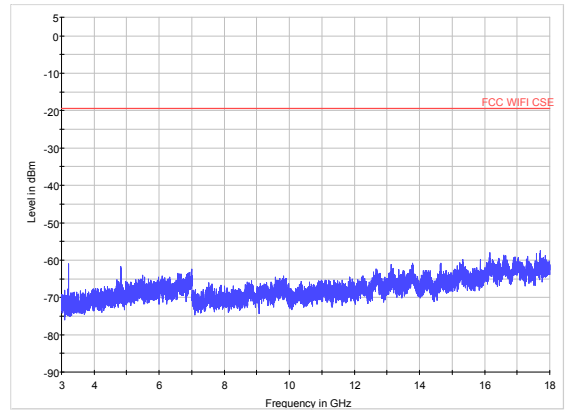
802.11n (HT20) CH6 30MHz to 3GHz



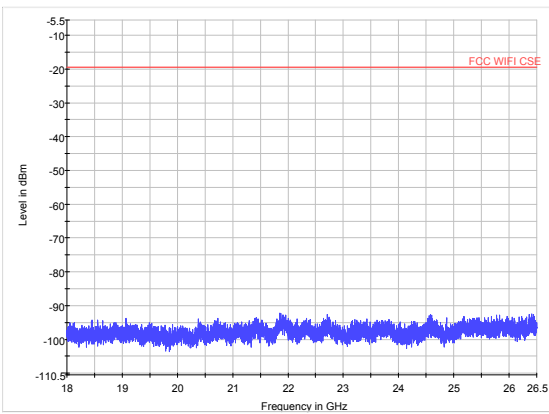
802.11n (HT20) CH1 3GHz to 18GHz



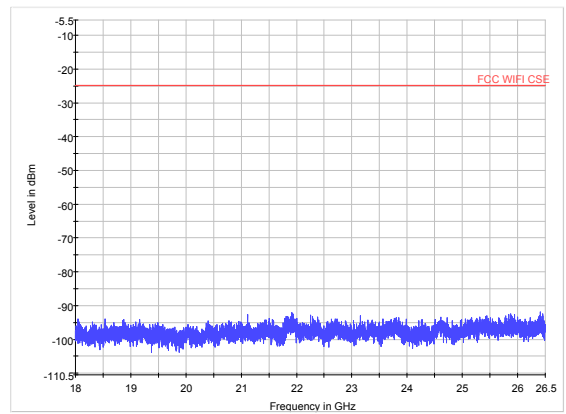
802.11n (HT20) CH6 3GHz to 18GHz



802.11n (HT20) CH1 18GHz to 26.5GHz

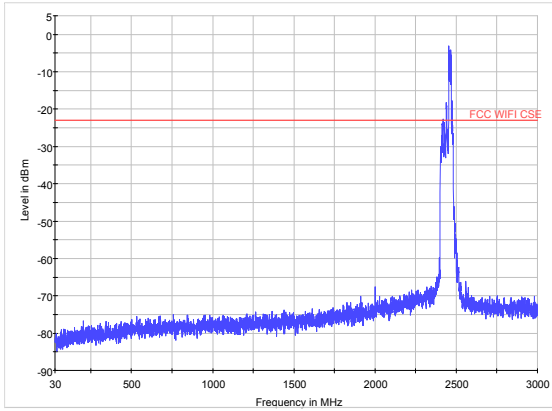


802.11n (HT20) CH6 18GHz to 26.5GHz

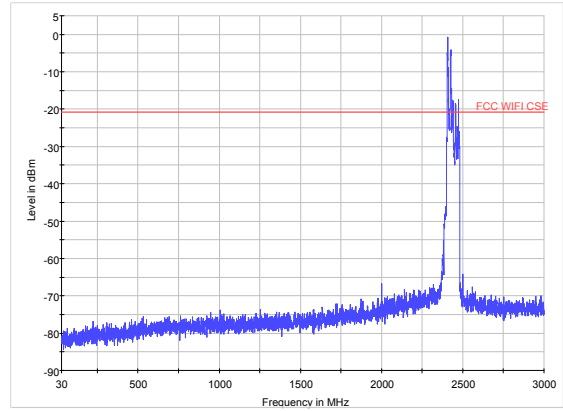




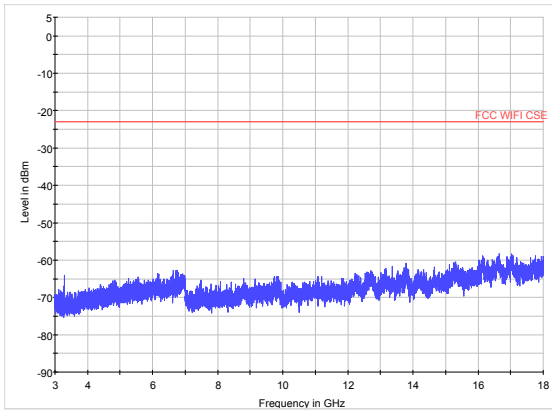
802.11n (HT20) CH11 30MHz to 3GHz



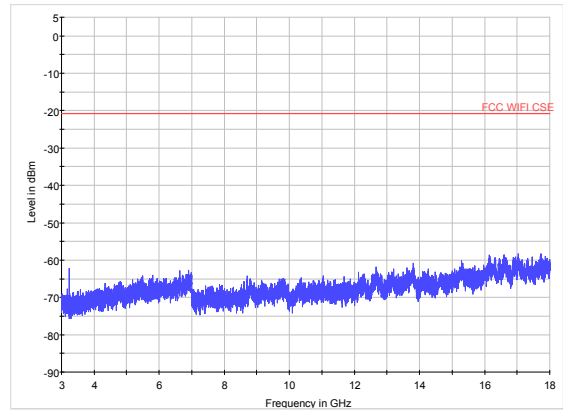
802.11n (HT40) CH3 30MHz to 3GHz



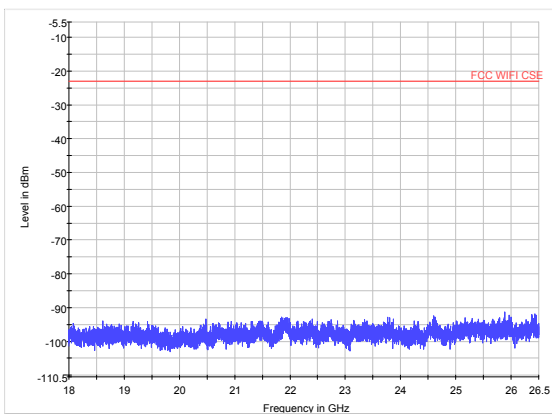
802.11n (HT20) CH11 3GHz to 18GHz



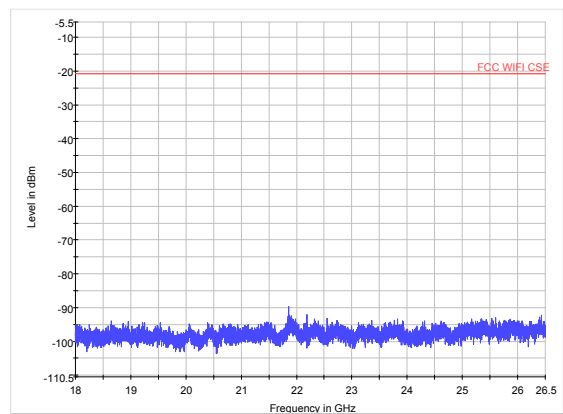
802.11n (HT40) CH3 3GHz to 18GHz



802.11n (HT20) CH11 18GHz to 26.5GHz

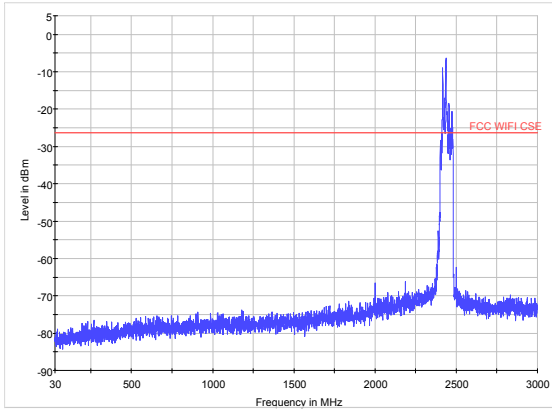


802.11n (HT40) CH3 18GHz to 26.5GHz

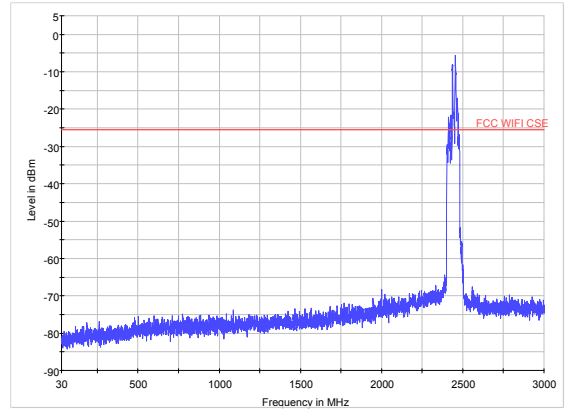




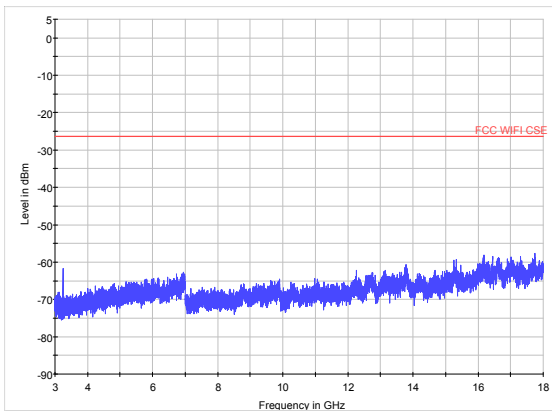
802.11n (HT40) CH6 30MHz to 3GHz



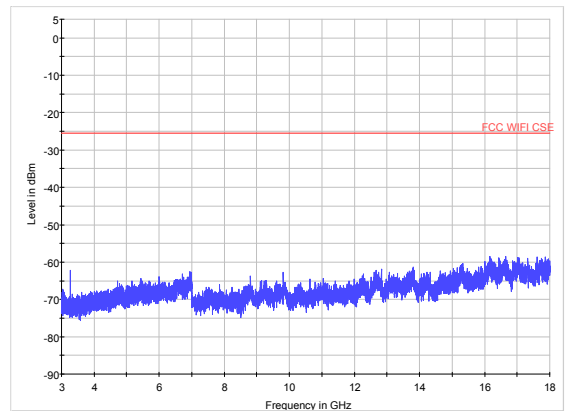
802.11n (HT40) CH9 30MHz to 3GHz



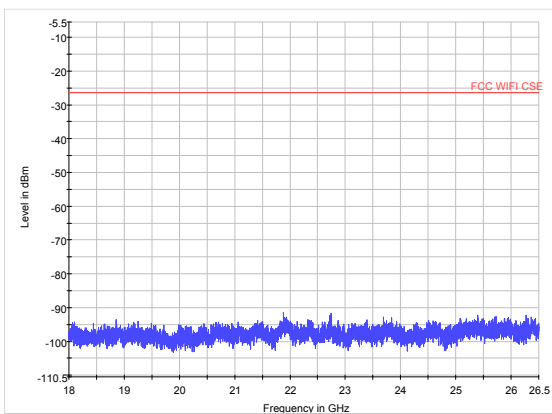
802.11n (HT40) CH6 3GHz to 18GHz



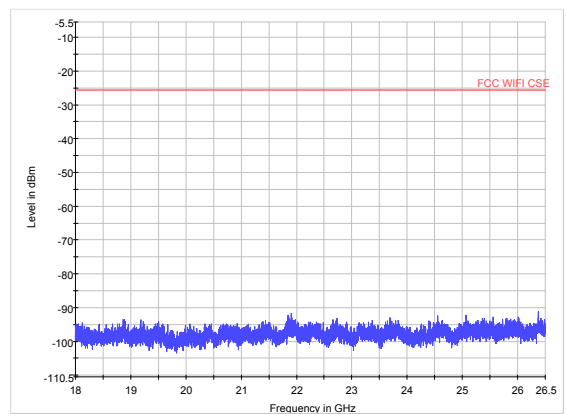
802.11n (HT40) CH9 3GHz to 18GHz



802.11n (HT40) CH6 18GHz to 26.5GHz

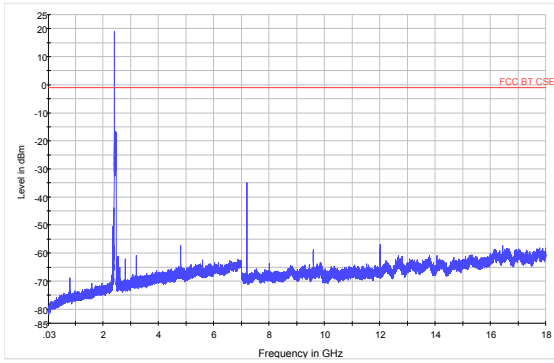


802.11n (HT40) CH9 18GHz to 26.5GHz

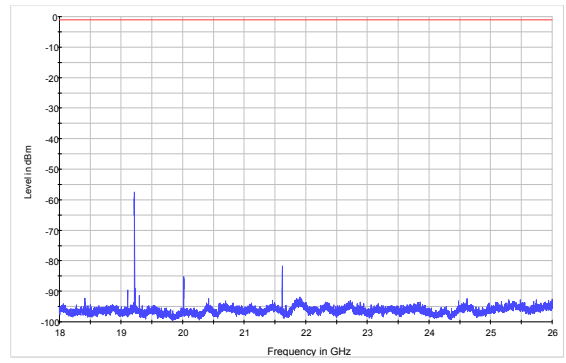




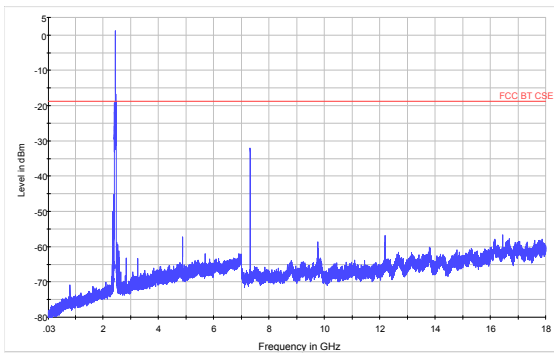
BLE CH0 30MHz to 18GHz



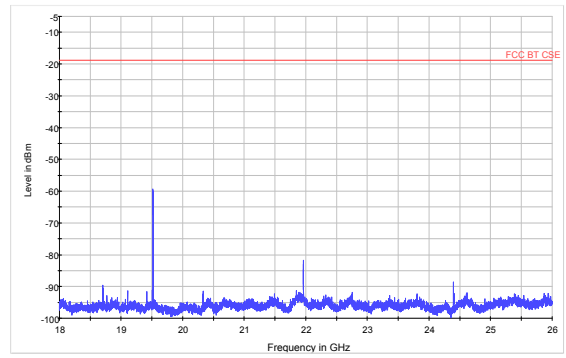
BLE CH0 18GHz to 26.5GHz



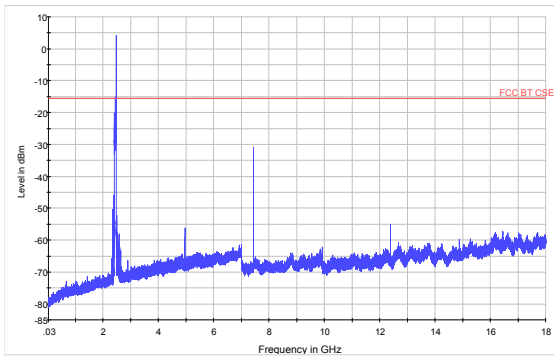
BLE CH19 30MHz to 18GHz



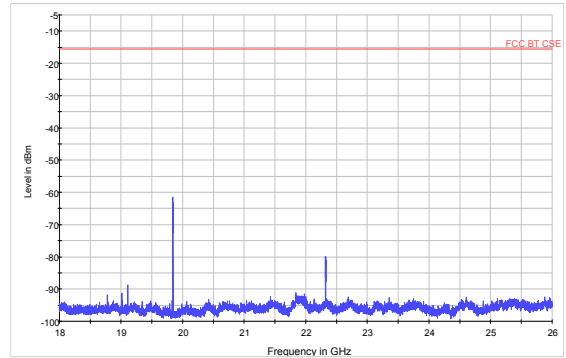
BLE CH19 18GHz to 26.5GHz



BLE CH39 30MHz to 18GHz

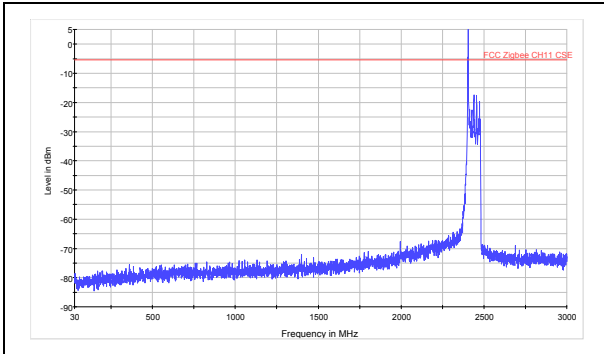


BLE CH39 18GHz to 26.5GHz

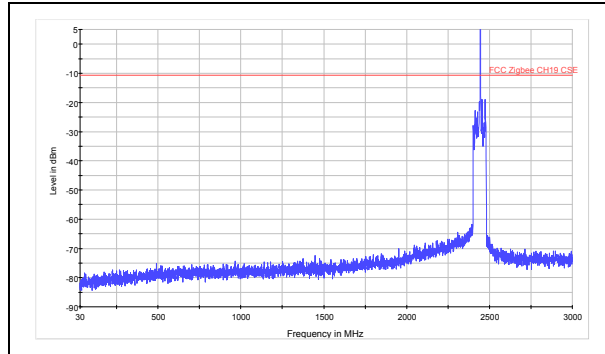




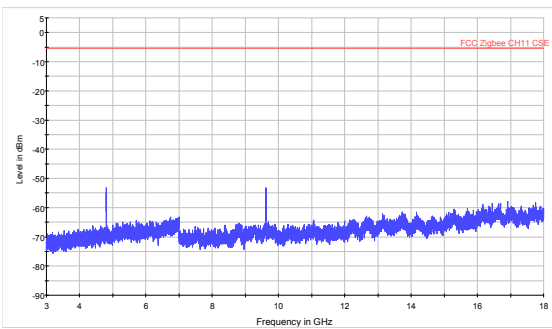
Zigbee CH11 30MHz to 3GHz



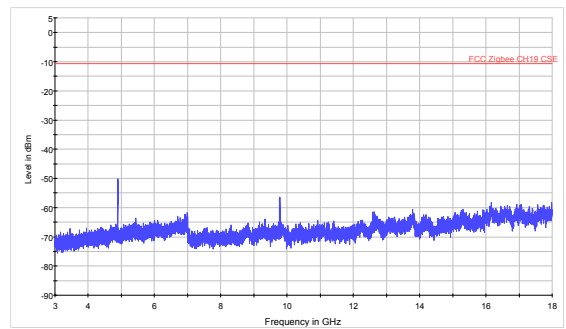
Zigbee CH18 30MHz to 3GHz



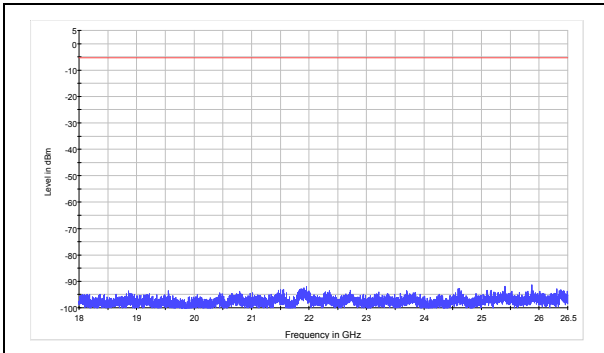
Zigbee CH11 3GHz to 18GHz



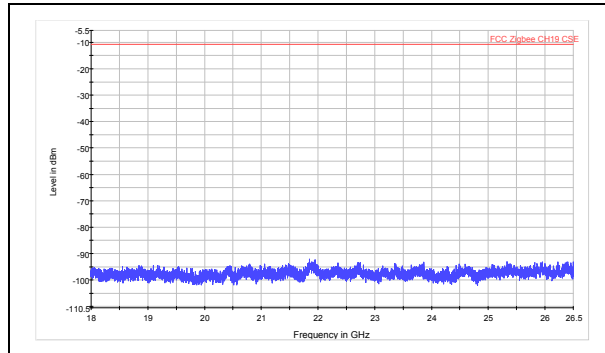
Zigbee CH18 3GHz to 18GHz



Zigbee CH11 18GHz to 26.5GHz

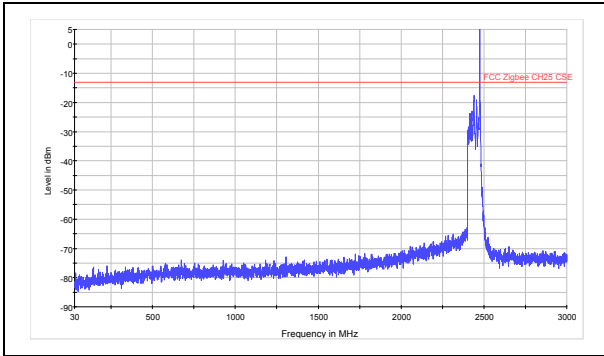


Zigbee CH18 18GHz to 26.5GHz

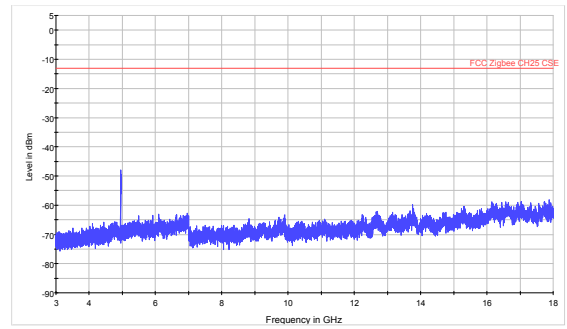




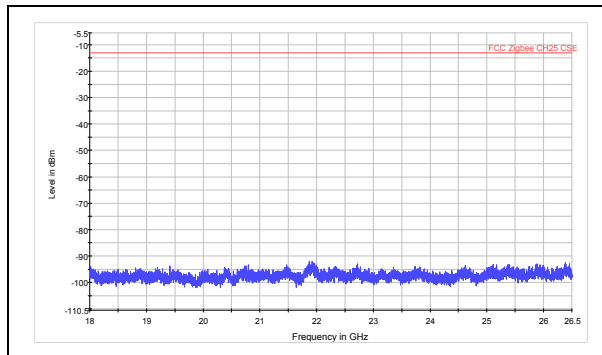
Zigbee CH25 30MHz to 3GHz



Zigbee CH25 3GHz to 18GHz



Zigbee CH25 18GHz to 26.5GHz



### 5.6. Radiated Emissions in the Restricted Band

#### Ambient condition

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

#### Method of Measurement

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 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. RBW is set to 100kHz. The data of cable loss and antenna factor has been calibrated in full testing frequency range before the testing. Sweep the whole frequency band through the range from 9kHz to the 10th harmonic of the carrier, and the emissions less than 20 dB below the permissible value are reported.

Set the spectrum analyzer in the following:

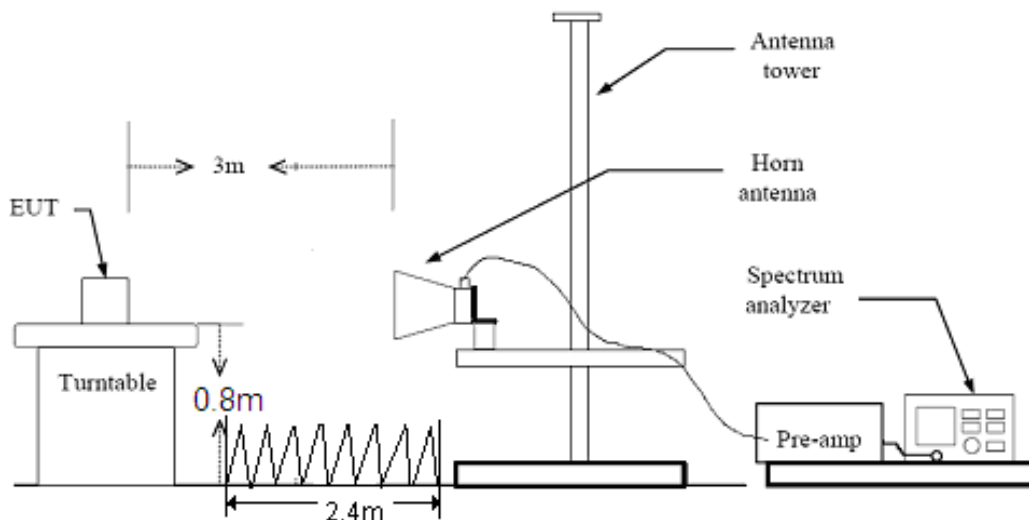
- (a) PEAK: RBW=VBW=1MHz / Sweep=AUTO
- (b) AVERAGE: RBW=1MHz / VBW=3MHz / Sweep=AUTO

This setting method can refer to **KDB 558074**.

The field strength of spurious 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 (Y axis) and the antenna is vertical.

The test is in transmitting mode.

#### Test setup



Note: Area side: 2.4mX3.6m

**Limits**

Spurious Radiated Emissions are permitted in any of the frequency bands listed below:

MHz	MHz	MHz	GHz
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
<sup>1</sup> 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			

Limit in restricted band

Frequency of emission (MHz)	Field strength(uV/m)	Field strength(dBuV/m)
30-88	100	40
88-216	150	43.5
216-960	200	46
Above960	500	54

§15.35(b)

There is also a limit on the radio frequency emissions, as measured using instrumentation with a peak detector function, corresponding to 20 dB above the maximum permitted average limit.

Peak Limit=74 dBuV/m

Average Limit=54 dBuV/m

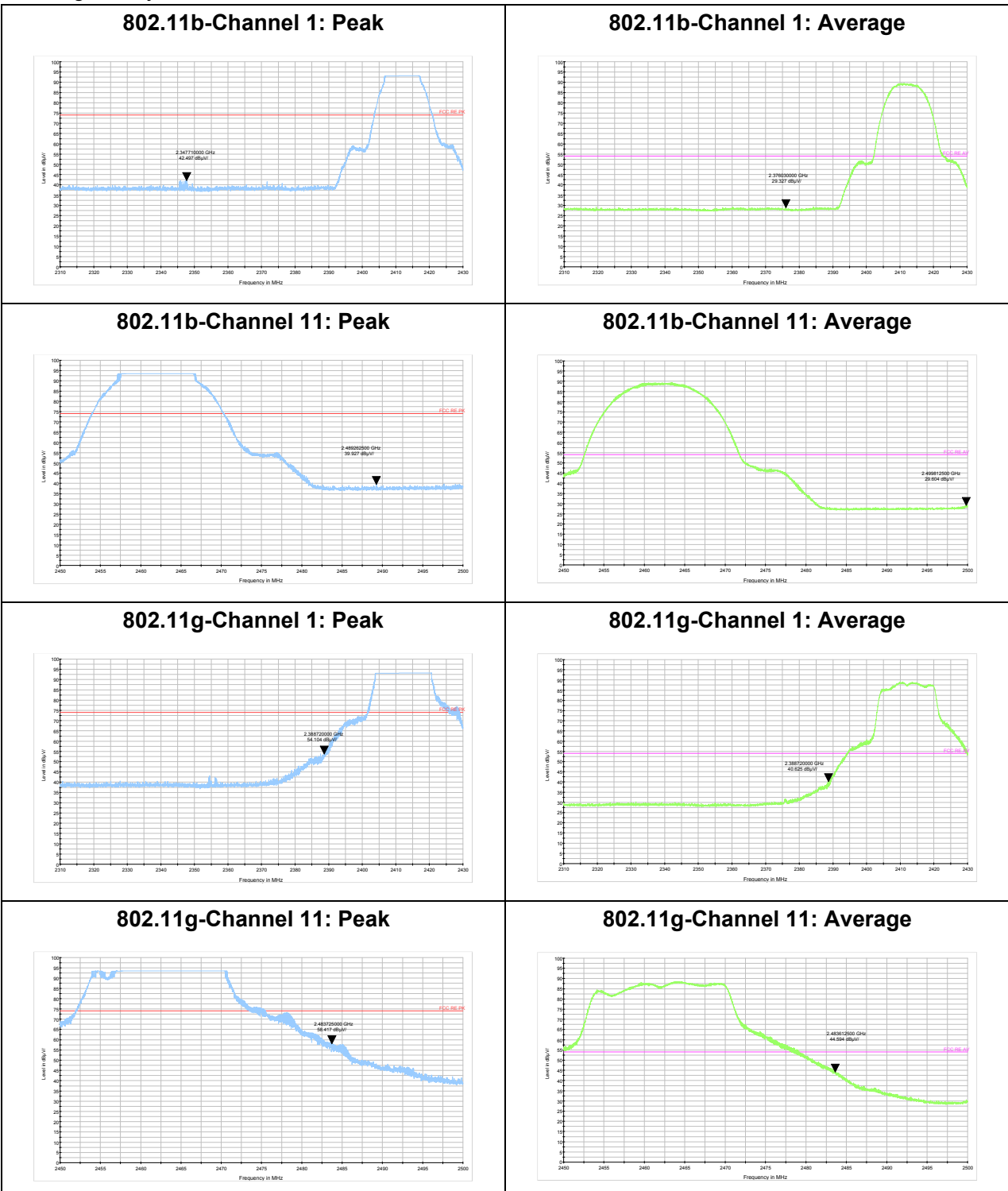
**Measurement Uncertainty**

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor  $k = 1.96$ ,  $U = 3.55$  dB.



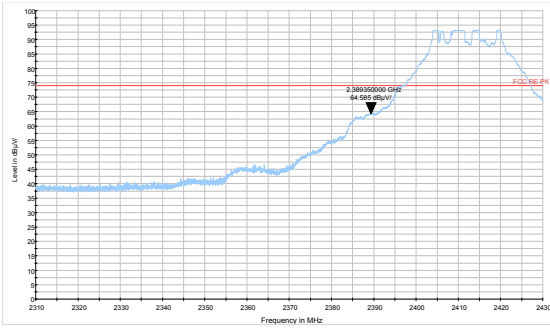
Test Results:

The messy code (dB<sub>μV/m</sub>) including in the following plots mean dBuV/m.  
The signal beyond the limit is carrier.

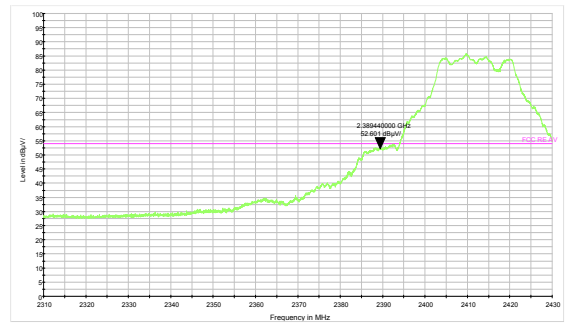


MIMO

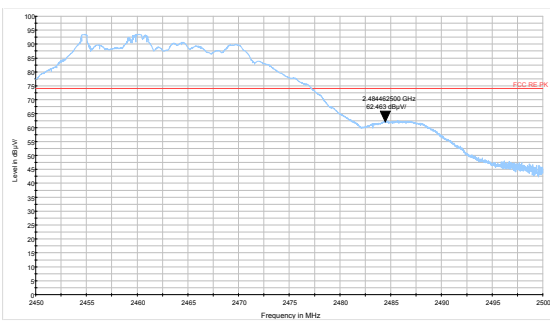
802.11n HT20 -Channel 1: Peak



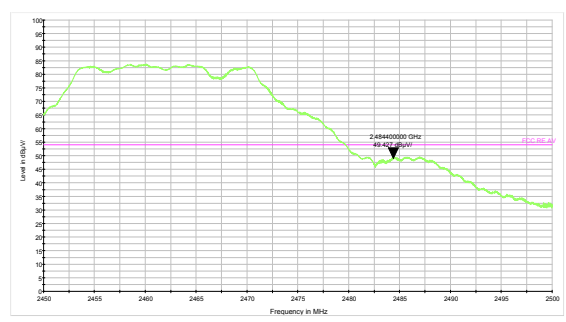
802.11n HT20-Channel 1: Average



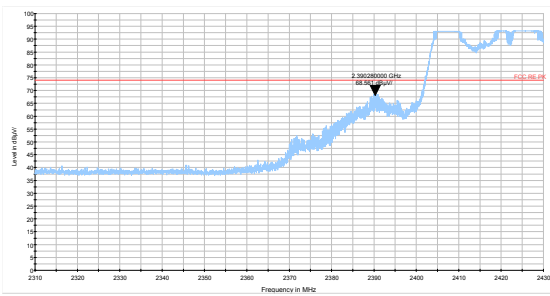
802.11n HT20-Channel 11: Peak



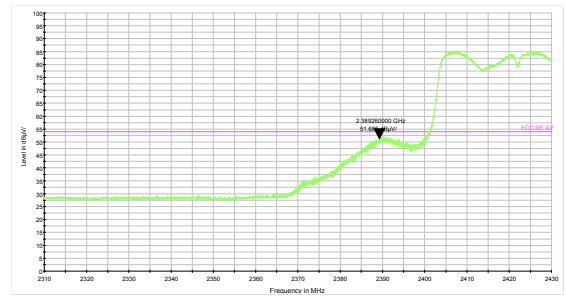
802.11n HT20-Channel 11: Average



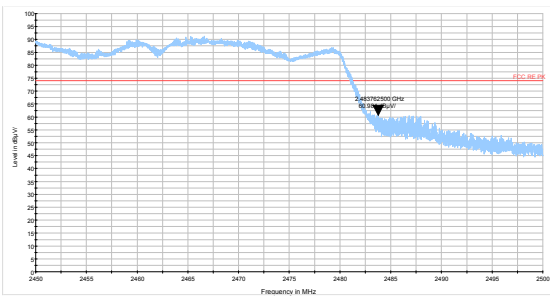
802.11n HT40 -Channel 3: Peak



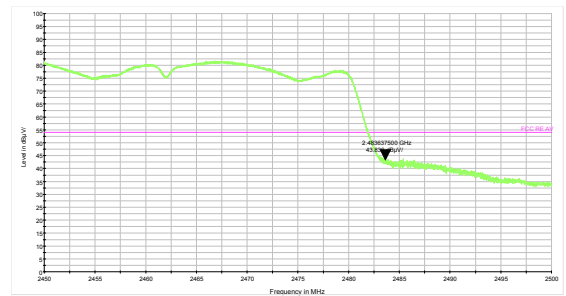
802.11n HT40-Channel 3: Average



802.11n HT40-Channel 9: Peak



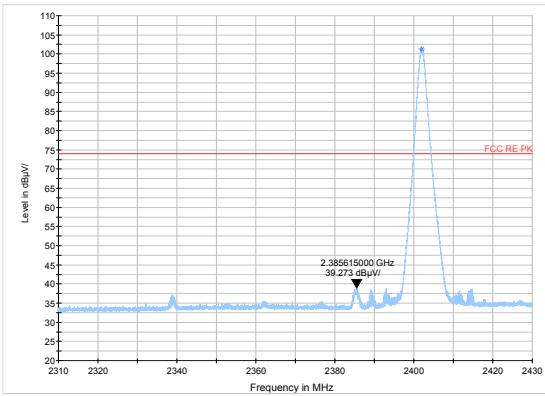
802.11n HT40-Channel 9: Average



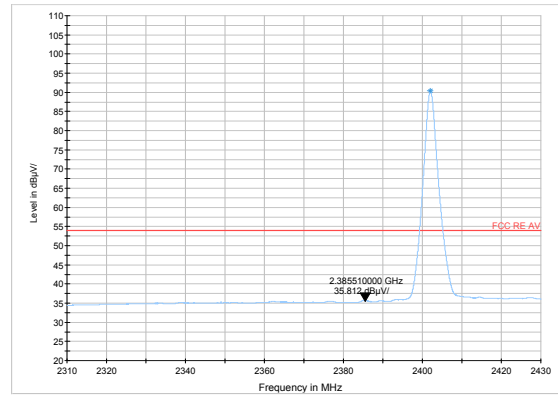




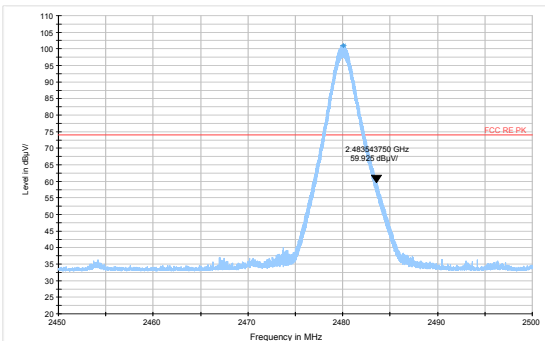
**BLE -Channel 0: Peak**



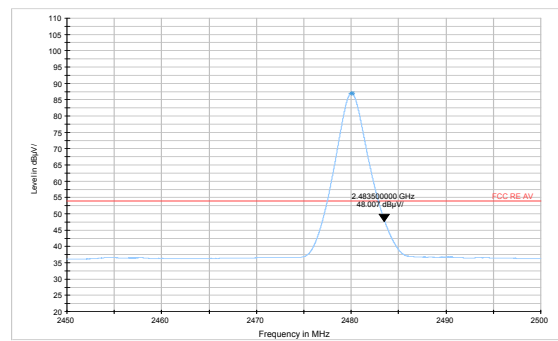
**BLE -Channel 0: Average**



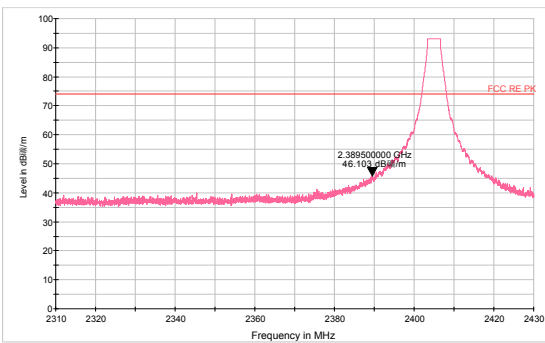
**BLE -Channel 39: Peak**



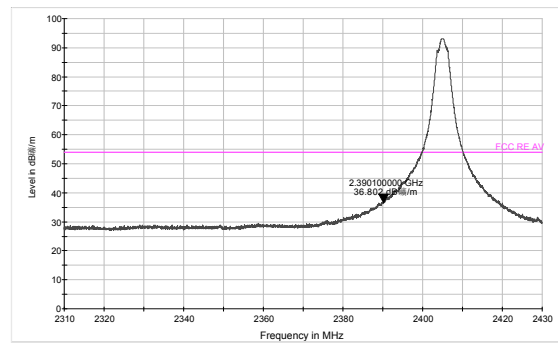
**BLE -Channel 39: Average**



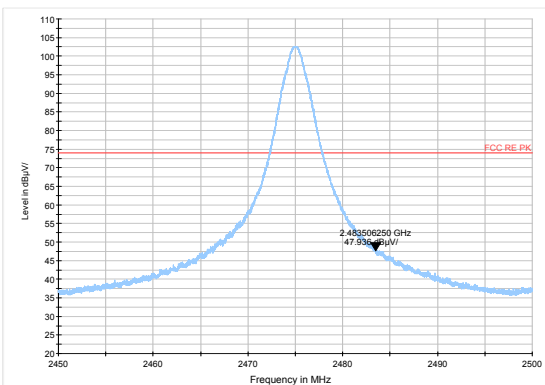
**Zigbee-Channel 11: Peak**



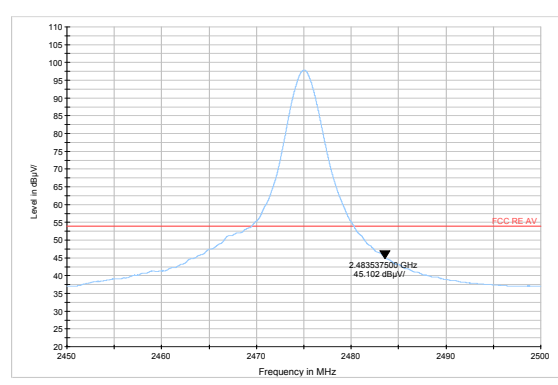
**Zigbee-Channel 11: Average**



**Zigbee-Channel 25: Peak**



**Zigbee-Channel 25: Average**



## 5.7. Radiates Emission

### Ambient condition

Temperature	Relative humidity	Pressure
23°C ~25°C	45%~50%	102.5kPa

### Method of Measurement

The test set-up was made in accordance to the general provisions of ANSI C63.10-2009. 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 through the range from 9 kHz to the 10th harmonic of the carrier, and the emissions less than 20 dB below the permissible value are reported.

During the test, below 30MHz, the center of the loop shall be 1 meters; above 30MHz, 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=100 kHz / VBW=300 kHz / Sweep=AUTO

Above 1GHz (detector: Peak):

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

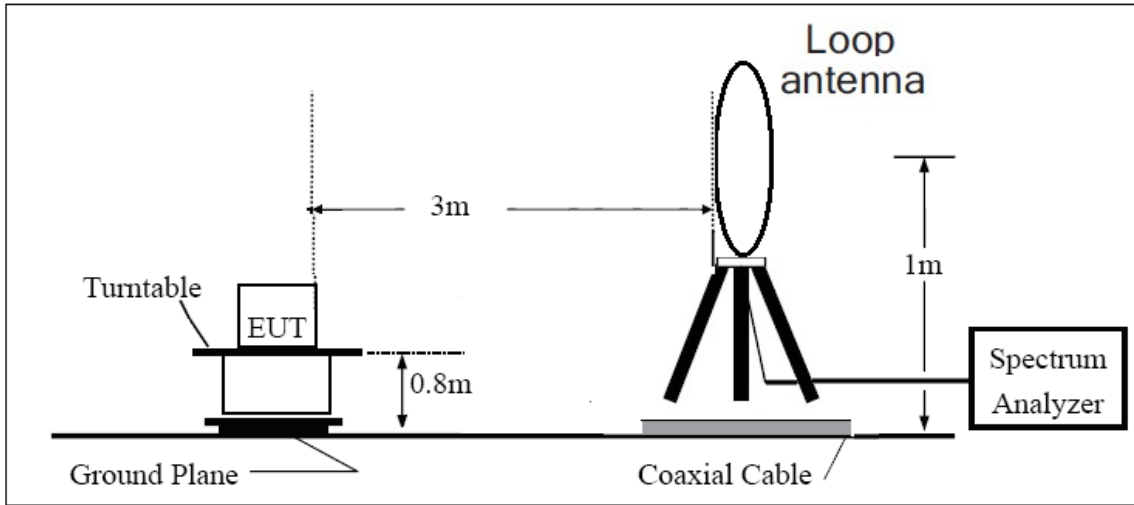
(b) AVERAGE: RBW=1MHz / VBW=3MHz / Sweep=AUTO

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.

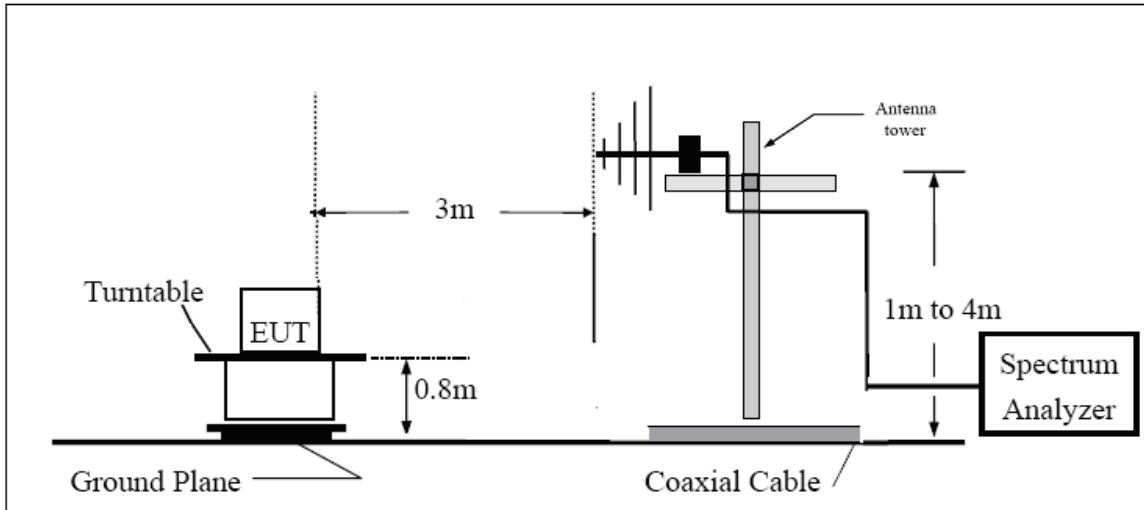
The test is in transmitting mode.

**Test setup**

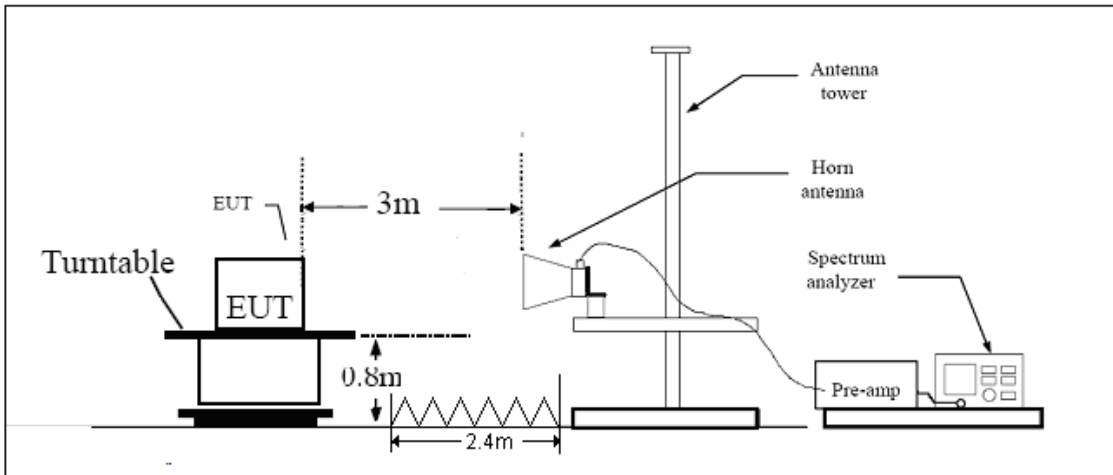
**9KHz~~~ 30MHz**



**30MHz~~~ 1GHz**



**Above 1GHz**



Note: Area side:2.4mX3.6m

**Limits**

Rule Part 15.247(d) specifies that “In addition, radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in § 15.209(a) (see § 15.205(c)).”

Limit in restricted band

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

## §15.35(b)

There is also a limit on the radio frequency emissions, as measured using instrumentation with a peak detector function, corresponding to 20 dB above the maximum permitted average limit.

**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
Above 1GHz	3.68 dB

**Test result**

Sweep from 9 kHz to 30MHz, and the emissions more than 20 dB below the permissible value are not reported.

The messy code (dB<sub>μV/m</sub>) including in the following graphs mean dBuV/m.

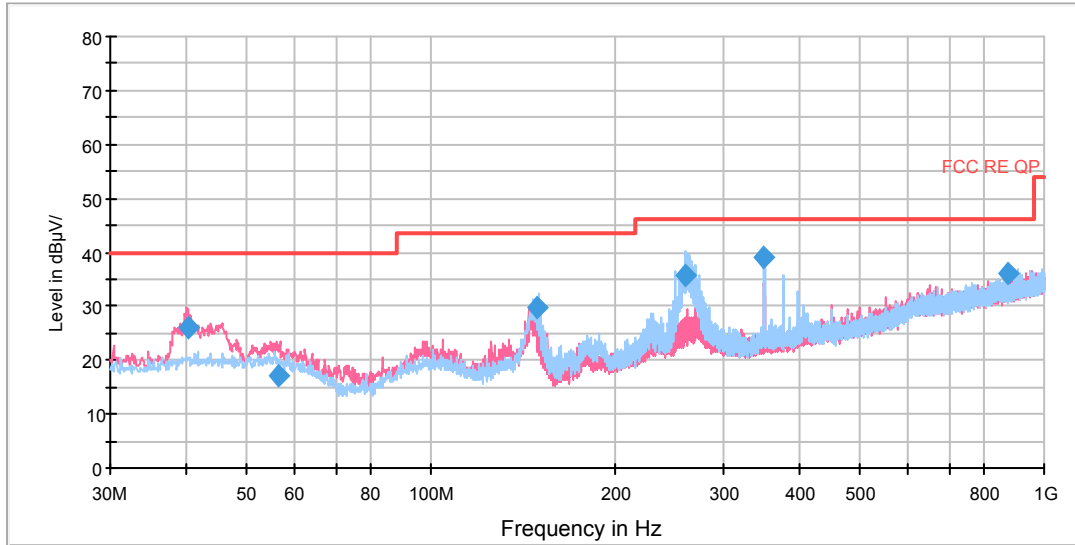
The following graphs display the maximum values of horizontal and vertical by software.

For above 1GHz, Blue trace uses the peak detection, Green trace uses the average detection.

**Antenna 1**

**802.11b CH1**

RE 0.03-1GHz QP Class B



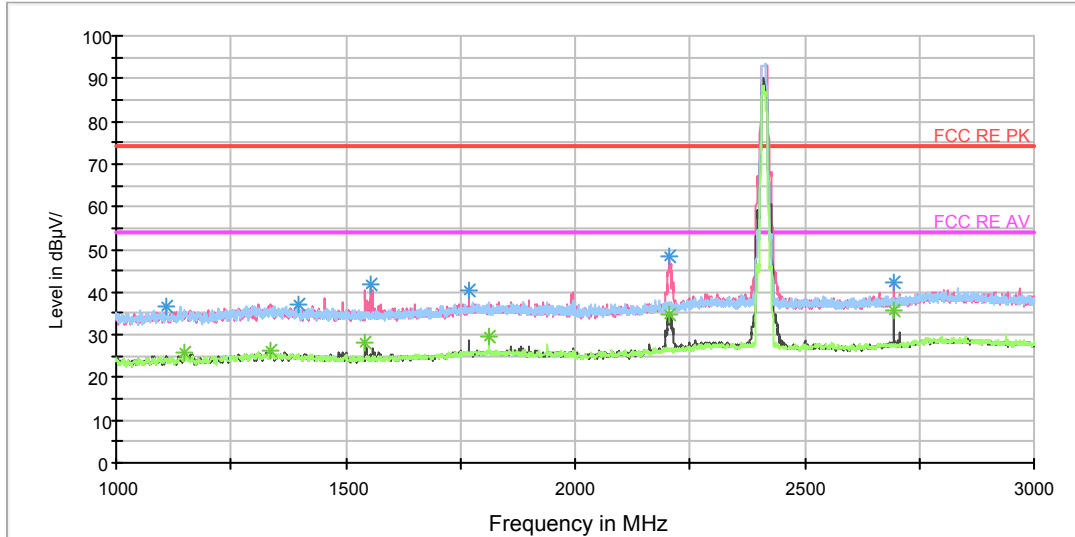
Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
40.343750	25.9	100.0	V	351.0	39.1	-13.2	14.1	40.0
56.236250	17.3	100.0	V	0.0	30.0	-12.7	22.7	40.0
149.153750	29.6	190.0	H	332.0	38.7	-9.1	13.9	43.5
259.931250	35.9	100.0	H	104.0	50.3	-14.4	10.1	46.0
349.978750	39.0	100.0	H	188.0	55.7	-16.7	7.0	46.0
874.951250	36.1	115.0	V	17.0	61.4	-25.3	9.9	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**



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

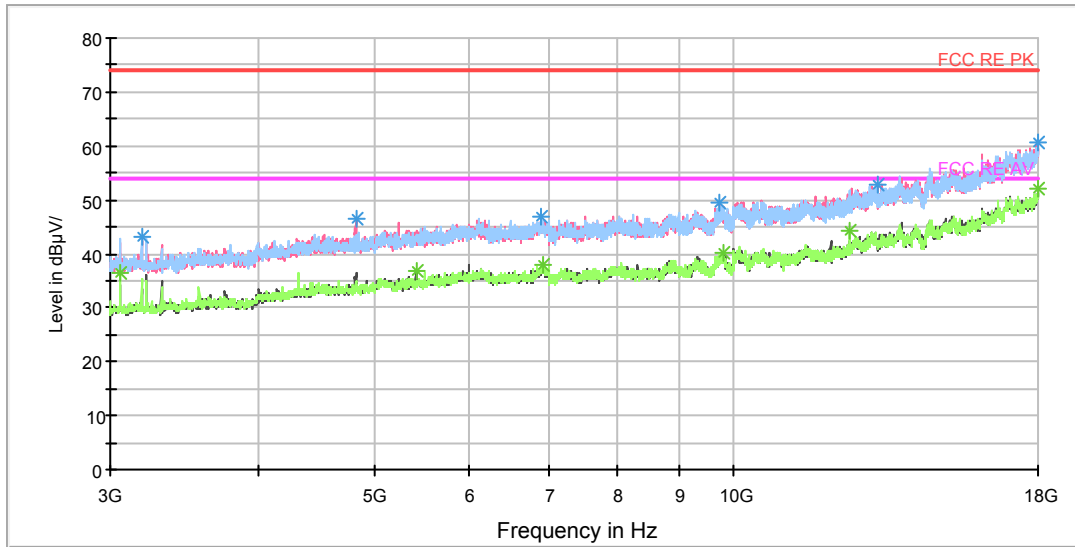
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1150.000000	35.6	100.0	H	290.0	46.4	-10.8	38.4	74
1338.000000	35.3	100.0	V	225.0	45.3	-10.0	38.7	74
1543.500000	38.3	100.0	V	345.0	47.5	-9.2	35.7	74
1812.500000	37.2	100.0	V	266.0	45.5	-8.3	36.8	74
2695.500000	42.1	100.0	V	245.0	46.6	-4.5	31.9	74
2205.000000	46.0	100.0	V	245.0	52.6	-6.6	28.0	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)
1150.000000	25.9	100.0	H	290.0	36.7	-10.8	28.1	54
1338.000000	26.2	100.0	V	225.0	36.2	-10.0	27.8	54
1543.500000	28.0	100.0	V	345.0	37.2	-9.2	26.0	54
1812.500000	29.4	100.0	V	266.0	37.7	-8.3	24.6	54
2695.500000	35.8	100.0	V	245.0	40.3	-4.5	18.2	54
2205.000000	34.8	100.0	V	245.0	41.4	-6.6	19.2	54

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

RE 3-18GHz PK+AV



Radiates Emission from 3GHz to 18GHz

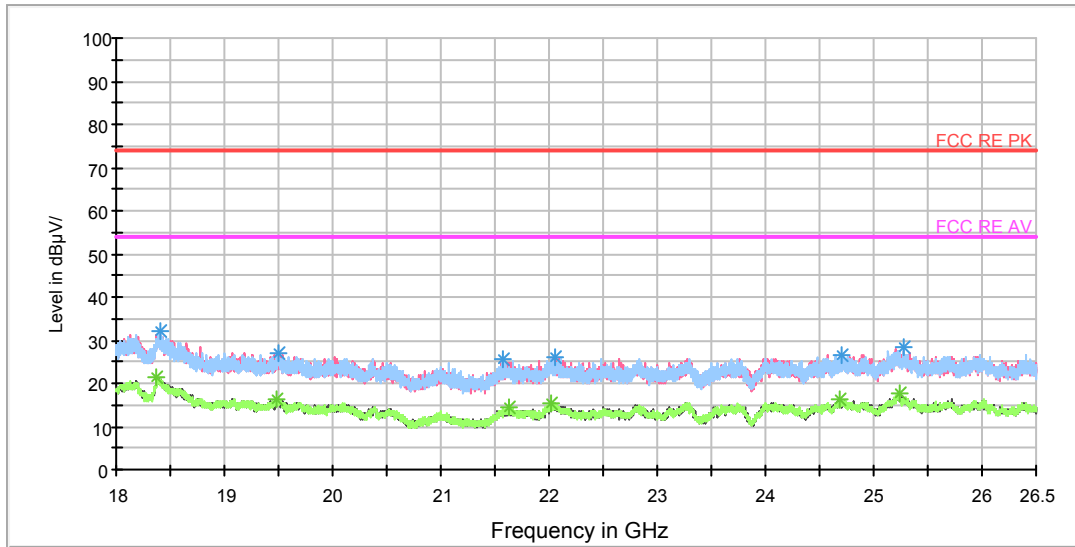
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3187.500000	43.2	101.0	H	0.0	44.9	-1.7	30.8	74
4822.500000	46.5	101.0	V	328.0	49.2	-2.7	27.5	74
6885.000000	46.8	101.0	H	0.0	53.7	-6.9	27.2	74
9725.625000	49.7	101.0	V	240.0	61.0	-11.3	24.3	74
13186.875000	53.0	101.0	V	316.0	68.1	-15.1	21.0	74
18000.000000	60.8	101.0	V	316.0	86.2	-25.4	13.2	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)
3187.500000	36.4	101.0	H	9.0	38.0	-1.6	17.6	54
4822.500000	36.7	101.0	V	14.0	40.4	-3.7	17.3	54
6885.000000	38.1	101.0	H	234.0	44.9	-6.8	15.9	54
9725.625000	40.0	101.0	V	140.0	52.3	-12.3	14.0	54
13186.875000	44.4	101.0	V	69.0	59.6	-15.2	9.6	54
18000.000000	52.0	101.0	V	268.0	77.2	-25.2	2.0	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)
18404.812500	32.1	H	0.0	37.1	-5.0	41.9	74
19492.812500	27.0	V	0.0	34.6	-7.6	47.0	74
21565.750000	25.4	H	0.0	34.1	-8.7	48.6	74
22059.812500	26.1	V	0.0	34.2	-8.1	47.9	74
24705.437500	26.5	H	0.0	33.2	-6.7	47.5	74
25271.750000	28.3	H	0.0	35.1	-6.8	45.7	74

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

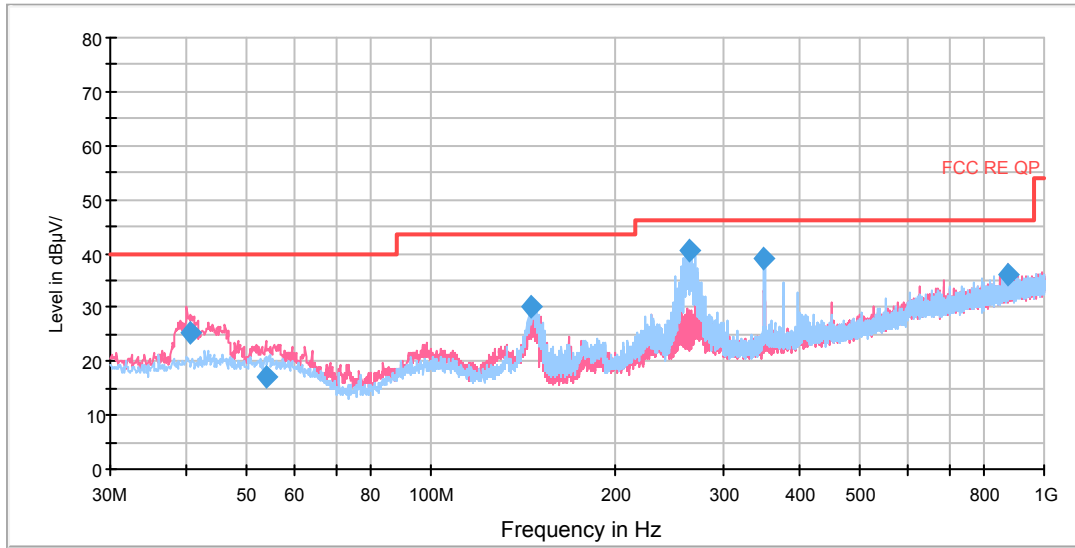
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18374.000000	21.2	V	0.0	25.9	-4.7	32.8	54
19488.562500	16.4	H	0.0	24.1	-7.7	37.6	54
21635.875000	14.4	V	0.0	23.5	-9.1	39.6	54
22024.750000	15.6	V	0.0	23.6	-8.0	38.4	54
24689.500000	16.0	V	0.0	23.0	-7.0	38.0	54
25232.437500	17.8	V	0.0	23.7	-5.9	36.2	54

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



802.11b CH6

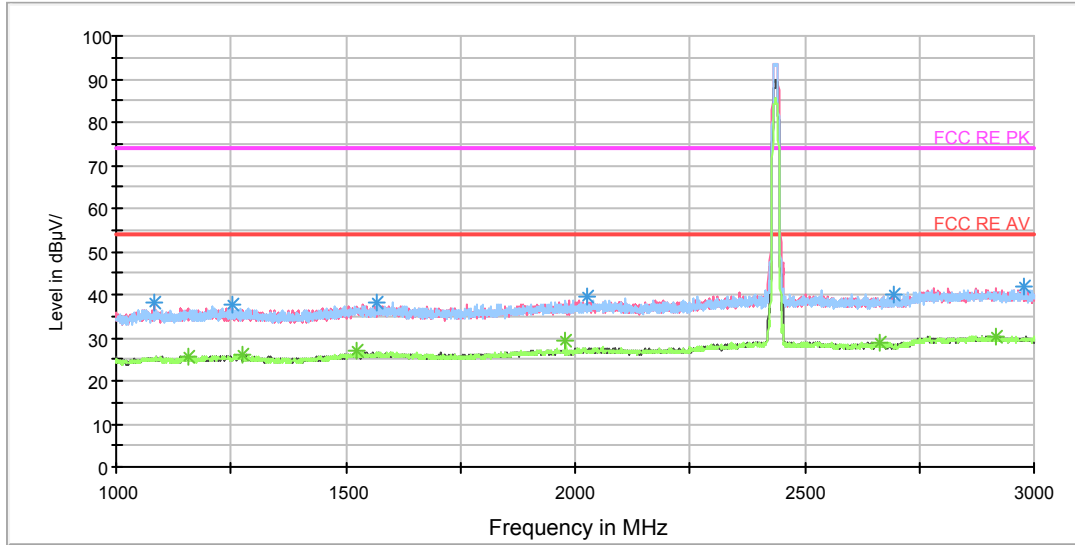
RE 0.03-1GHz QP Class B



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)
40.583750	25.1	100.0	V	124.0	38.3	-13.2	14.9	40.0
54.006250	17.1	100.0	V	349.0	29.9	-12.8	22.9	40.0
145.828750	30.0	175.0	H	336.0	39.0	-9.0	13.5	43.5
264.011250	40.6	100.0	H	280.0	55.1	-14.5	5.4	46.0
349.978750	39.0	100.0	H	185.0	55.7	-16.7	7.0	46.0
874.951250	36.2	115.0	V	0.0	61.5	-25.3	9.8	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



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

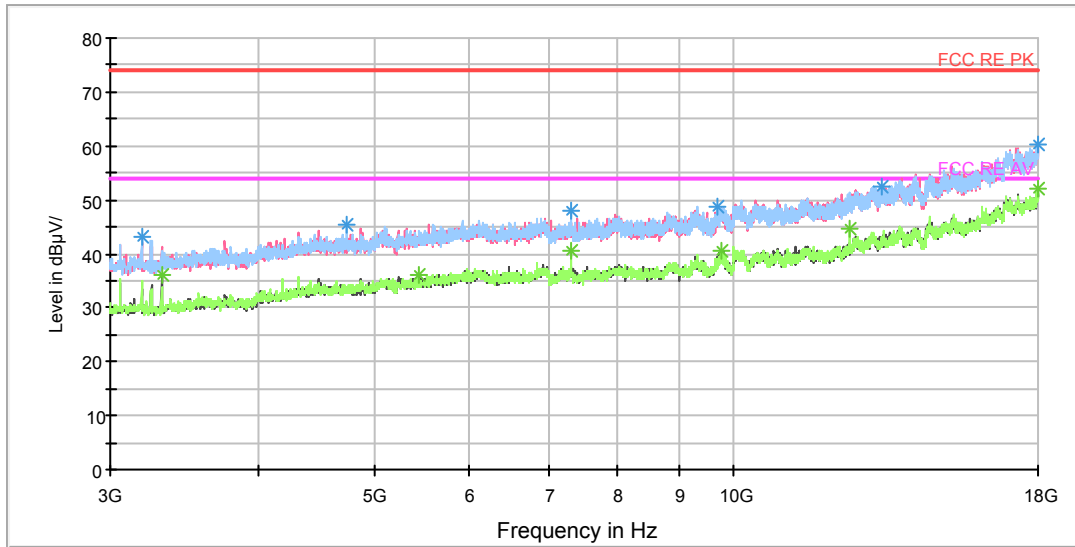
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1158.000000	35.0	100.0	V	277.0	45.8	-10.8	39.0	74
1273.500000	35.2	100.0	H	91.0	45.5	-10.3	38.8	74
1525.000000	36.0	100.0	H	268.0	45.3	-9.3	38.0	74
1980.000000	38.4	100.0	H	0.0	46.3	-7.9	35.6	74
2915.000000	40.1	100.0	V	238.0	44.3	-4.2	33.9	74
2662.000000	38.1	100.0	V	200.0	42.7	-4.6	35.9	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)
1158.000000	25.7	100.0	V	277.0	36.5	-10.8	28.3	54
1273.500000	25.9	100.0	H	91.0	36.2	-10.3	28.1	54
1525.000000	26.8	100.0	H	268.0	36.1	-9.3	27.2	54
1980.000000	29.1	100.0	H	0.0	37.0	-7.9	24.9	54
2915.000000	30.4	100.0	V	238.0	34.6	-4.2	23.6	54
2662.000000	28.7	100.0	V	200.0	33.3	-4.6	25.3	54

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

RE 3-18GHz PK+AV



Radiates Emission from 3GHz to 18GHz

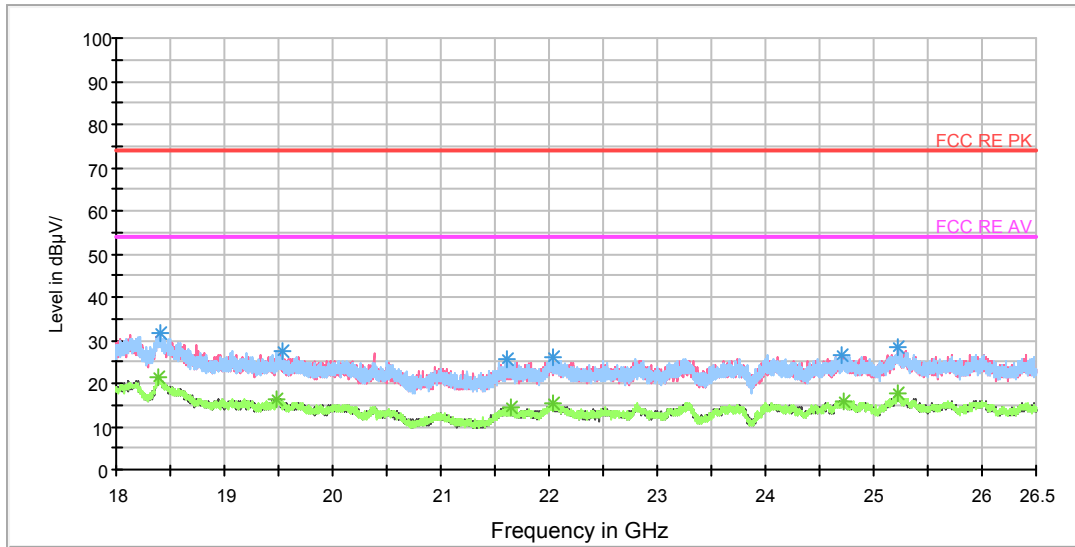
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3187.500000	43.1	101.0	H	0.0	44.8	-1.7	30.9	74
4738.125000	45.3	101.0	H	168.0	47.7	-2.4	28.7	74
7308.750000	48.0	101.0	H	289.0	56.6	-8.6	26.0	74
9705.000000	48.6	101.0	H	68.0	59.7	-11.1	25.4	74
13303.125000	52.5	101.0	H	250.0	68.0	-15.5	21.5	74
17988.750000	60.2	101.0	H	117.0	85.5	-25.3	13.8	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)
3311.250000	36.0	101.0	V	313.0	37.4	-1.4	18.0	54
5437.500000	36.0	101.0	V	344.0	39.8	-3.8	18.0	54
7310.625000	40.6	101.0	H	289.0	49.2	-8.6	13.4	54
9748.125000	40.6	101.0	H	155.0	52.2	-11.6	13.4	54
12500.625000	44.6	101.0	H	68.0	59.8	-15.2	9.4	54
17996.250000	52.2	101.0	V	252.0	77.6	-25.4	1.8	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)
18408.000000	31.6	V	0.0	36.6	-5.0	42.4	74
19534.250000	27.3	H	0.0	34.7	-7.4	46.7	74
21606.125000	25.6	H	0.0	34.4	-8.8	48.4	74
22041.750000	26.0	H	0.0	34.0	-8.0	48.0	74
24706.500000	26.6	V	0.0	33.3	-6.7	47.4	74
25221.812500	28.4	V	0.0	34.3	-5.9	45.6	74

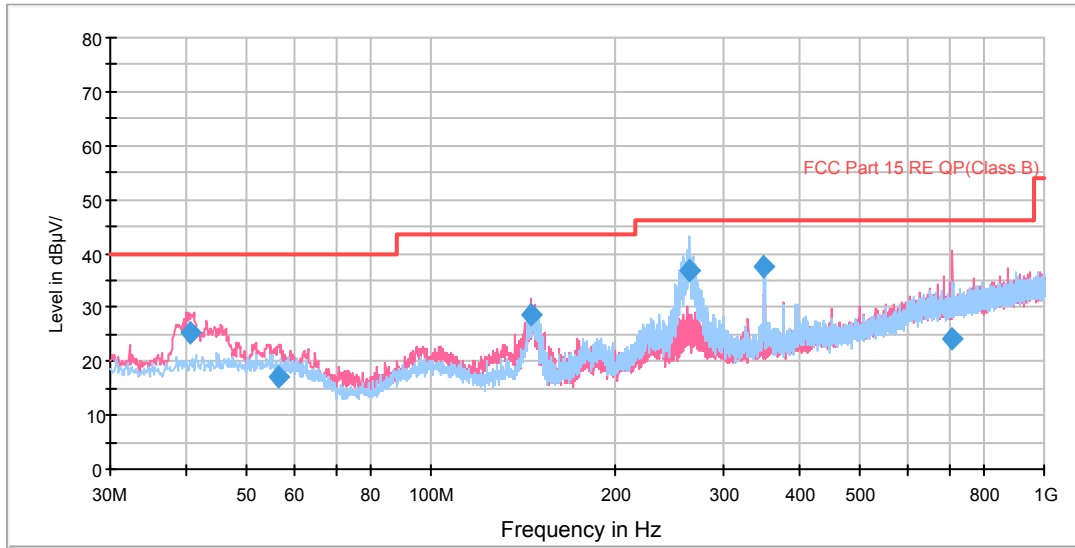
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18384.625000	21.6	H	0.0	26.4	-4.8	32.4	54
19489.625000	16.2	H	0.0	23.8	-7.6	37.8	54
21651.812500	14.2	H	0.0	23.4	-9.2	39.8	54
22027.937500	15.5	H	0.0	23.4	-7.9	38.5	54
24726.687500	16.0	V	0.0	22.2	-6.2	38.0	54
25220.750000	17.6	V	0.0	23.6	-6.0	36.4	54

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

802.11b CH11

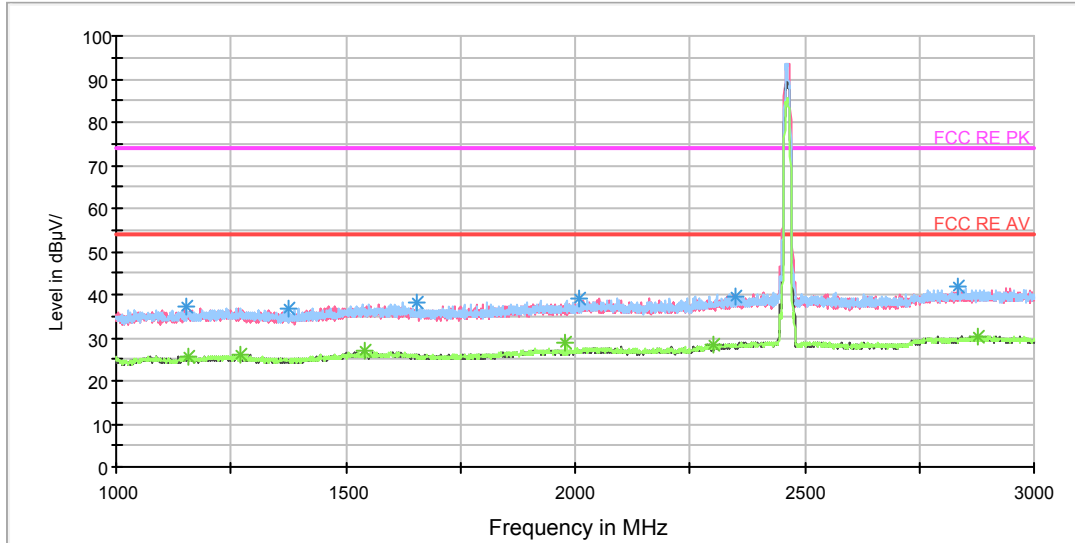
FCC RE 0.03-1GHz QP Class B



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)
40.542500	25.4	100.0	V	180.0	38.6	-13.2	14.6	40.0
56.635000	17.0	100.0	V	60.0	29.7	-12.7	23.0	40.0
145.267500	28.5	100.0	V	192.0	37.5	-9.0	15.0	43.5
263.165000	36.9	100.0	H	274.0	51.4	-14.5	9.1	46.0
349.978750	37.6	100.0	H	172.0	54.3	-16.7	8.4	46.0
709.770000	24.3	100.0	V	236.0	47.3	-23.0	21.7	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



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

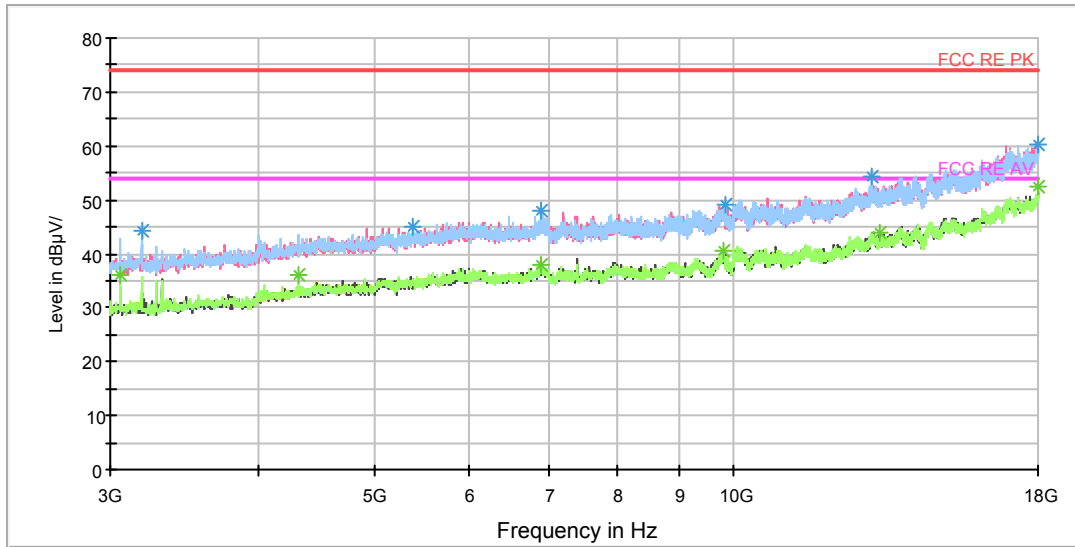
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1155.500000	35.0	100.0	H	110.0	45.8	-10.8	39.0	74
1270.500000	35.9	100.0	H	0.0	46.2	-10.3	38.1	74
1541.000000	35.8	100.0	V	282.0	45.1	-9.3	38.2	74
1980.000000	37.6	100.0	H	0.0	45.5	-7.9	36.4	74
2876.000000	39.6	100.0	V	306.0	43.8	-4.2	34.4	74
2299.500000	37.3	100.0	H	4.0	43.3	-6.0	36.7	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)
1155.500000	25.8	100.0	H	110.0	36.6	-10.8	28.2	54
1270.500000	25.9	100.0	H	0.0	36.2	-10.3	28.1	54
1541.000000	26.8	100.0	V	282.0	36.1	-9.3	27.2	54
1980.000000	28.8	100.0	H	0.0	36.7	-7.9	25.2	54
2876.000000	30.5	100.0	V	306.0	34.7	-4.2	23.5	54
2299.500000	28.2	100.0	H	4.0	34.2	-6.0	25.8	54

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

RE 3-18GHz PK+AV



Radiates Emission from 3GHz to 18GHz

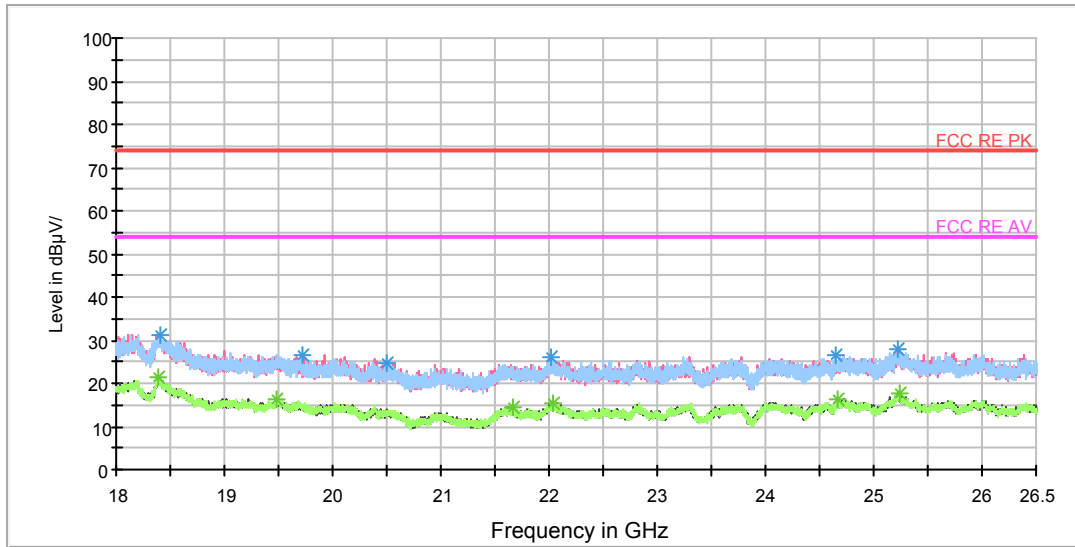
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3187.500000	44.1	101.0	H	19.0	45.8	-1.7	29.9	74
5390.625000	44.9	101.0	H	106.0	48.6	-3.7	29.1	74
6901.875000	47.8	101.0	H	207.0	54.8	-7.0	26.2	74
9826.875000	48.9	101.0	H	0.0	60.9	-12.0	25.1	74
13050.000000	54.3	101.0	H	131.0	70.5	-16.2	19.7	74
17994.375000	60.4	101.0	H	82.0	85.7	-25.3	13.6	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)
3061.875000	35.9	101.0	H	0.0	37.5	-1.6	18.1	54
4312.500000	36.3	101.0	H	328.0	38.4	-2.1	17.7	54
6901.875000	38.0	101.0	H	207.0	45.0	-7.0	16.0	54
9804.375000	40.5	101.0	V	190.0	52.7	-12.2	13.5	54
13275.000000	44.0	101.0	V	190.0	59.3	-15.3	10.0	54
17985.000000	52.4	101.0	H	45.0	77.6	-25.2	1.6	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)
18415.437500	31.3	V	0.0	36.4	-5.1	42.7	74
19715.937500	26.7	V	0.0	34.2	-7.5	47.3	74
20507.500000	24.8	H	0.0	32.8	-8.0	49.2	74
22022.625000	26.1	V	0.0	34.1	-8.0	47.9	74
24654.437500	26.6	V	0.0	33.6	-7.0	47.4	74
25222.875000	27.7	V	0.0	33.6	-5.9	46.3	74

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

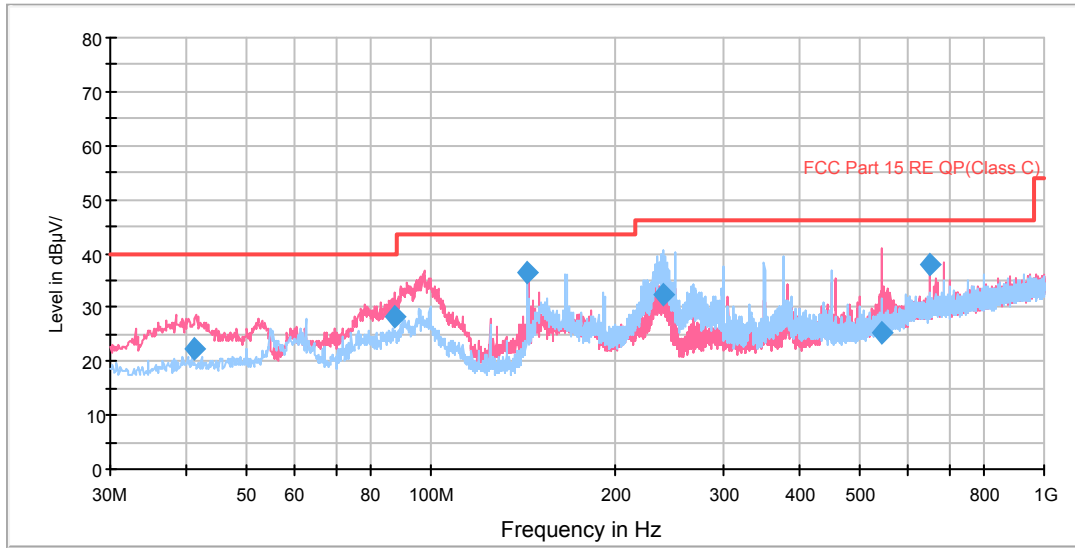
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18395.250000	21.3	V	0.0	26.2	-4.9	32.7	54
19488.562500	16.5	H	0.0	24.2	-7.7	37.5	54
21673.062500	14.5	H	0.0	23.8	-9.3	39.5	54
22036.437500	15.4	H	0.0	23.4	-8.0	38.6	54
24659.750000	16.4	H	0.0	23.4	-7.0	37.6	54
25233.500000	17.6	H	0.0	23.5	-5.9	36.4	54

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



802.11g CH1

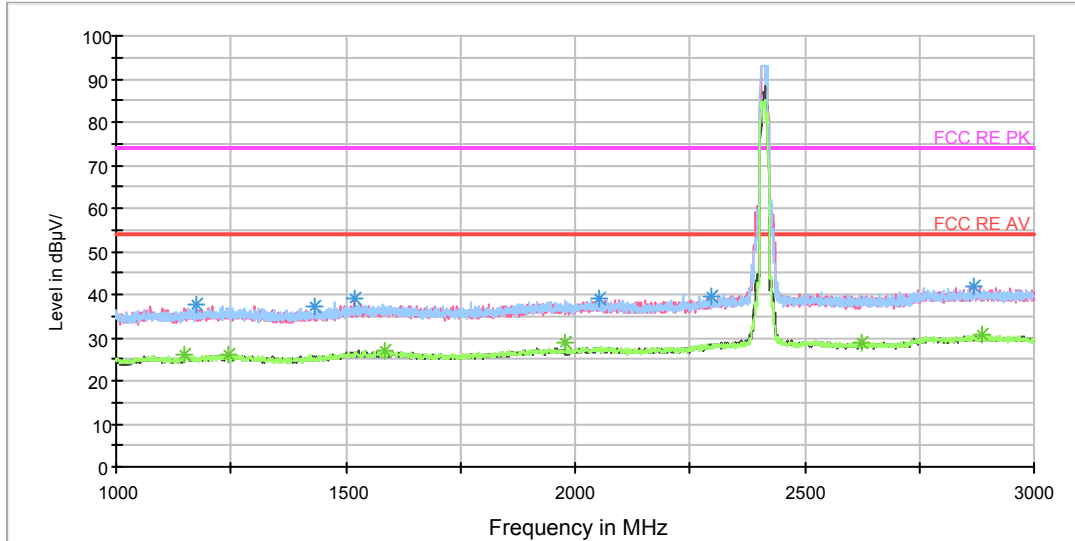
FCC RE 0.03-1GHz QP Class C



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)
41.197500	22.3	100.0	V	200.0	35.5	-13.2	17.7	40.0
87.070000	28.1	125.0	V	140.0	39.0	-10.9	11.9	40.0
143.893750	36.3	125.0	V	294.0	45.2	-8.9	7.2	43.5
239.566250	32.3	114.0	H	264.0	46.0	-13.7	13.7	46.0
544.183750	25.2	100.0	V	181.0	46.1	-20.9	20.8	46.0
649.992500	38.1	100.0	V	124.0	60.6	-22.5	7.9	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



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

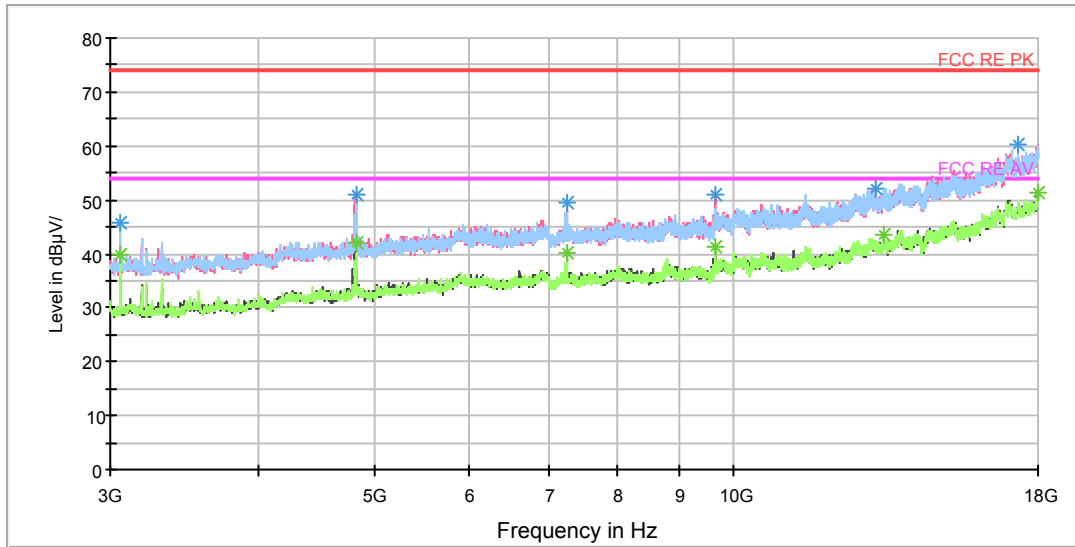
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1150.000000	34.9	100.0	H	33.0	45.7	-10.8	39.1	74
1243.000000	34.4	100.0	V	300.0	44.8	-10.4	39.6	74
1587.000000	35.7	100.0	H	0.0	44.7	-9.0	38.3	74
1980.000000	37.1	100.0	H	334.0	45.0	-7.9	36.9	74
2887.000000	40.3	100.0	H	5.0	44.5	-4.2	33.7	74
2626.500000	37.4	100.0	H	8.0	42.0	-4.6	36.6	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)
1150.000000	25.9	100.0	H	33.0	36.7	-10.8	28.1	54
1243.000000	26.1	100.0	V	300.0	36.5	-10.4	27.9	54
1587.000000	26.9	100.0	H	0.0	35.9	-9.0	27.1	54
1980.000000	29.0	100.0	H	334.0	36.9	-7.9	25.0	54
2887.000000	30.5	100.0	H	5.0	34.7	-4.2	23.5	54
2626.500000	28.7	100.0	H	8.0	33.3	-4.6	25.3	54

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

RE 3-18GHz PK+AV



Radiates Emission from 3GHz to 18GHz

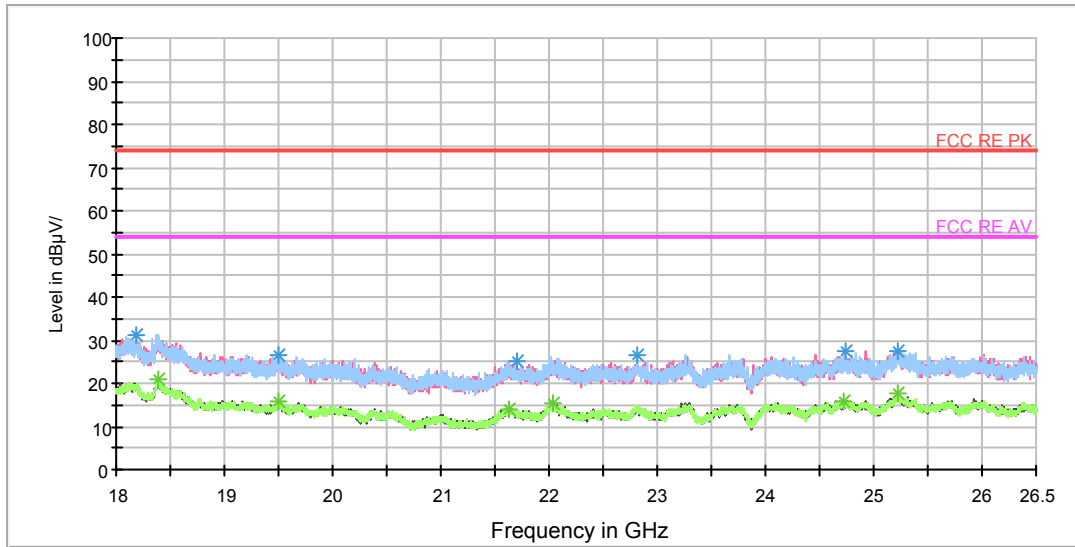
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3061.875000	45.6	100.0	H	61.0	47.2	-1.6	28.4	74
4830.000000	50.9	100.0	V	115.0	53.7	-2.8	23.1	74
7237.500000	49.5	100.0	V	328.0	58.2	-8.7	24.5	74
9654.375000	51.0	100.0	V	0.0	61.5	-10.5	23.0	74
13151.250000	52.1	100.0	V	328.0	67.7	-15.6	21.9	74
17308.125000	60.4	100.0	H	36.0	84.1	-23.7	13.6	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)
3061.875000	39.9	100.0	H	61.0	41.5	-1.6	14.1	54
4830.000000	42.0	100.0	V	115.0	44.8	-2.8	12.0	54
7237.500000	40.1	100.0	H	98.0	48.8	-8.7	13.9	54
9654.375000	41.4	100.0	H	73.0	51.9	-10.5	12.6	54
13336.875000	43.5	100.0	H	12.0	59.2	-15.7	10.5	54
17996.250000	51.3	100.0	H	0.0	76.7	-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)
18179.562500	31.3	H	0.0	36.2	-4.9	42.7	74
19494.937500	26.4	V	0.0	34.0	-7.6	47.6	74
21701.750000	25.1	V	0.0	34.4	-9.3	48.9	74
22815.250000	26.5	H	0.0	33.9	-7.4	47.5	74
24739.437500	27.3	V	0.0	33.7	-6.4	46.7	74
25226.062500	27.4	H	0.0	33.3	-5.9	46.6	74

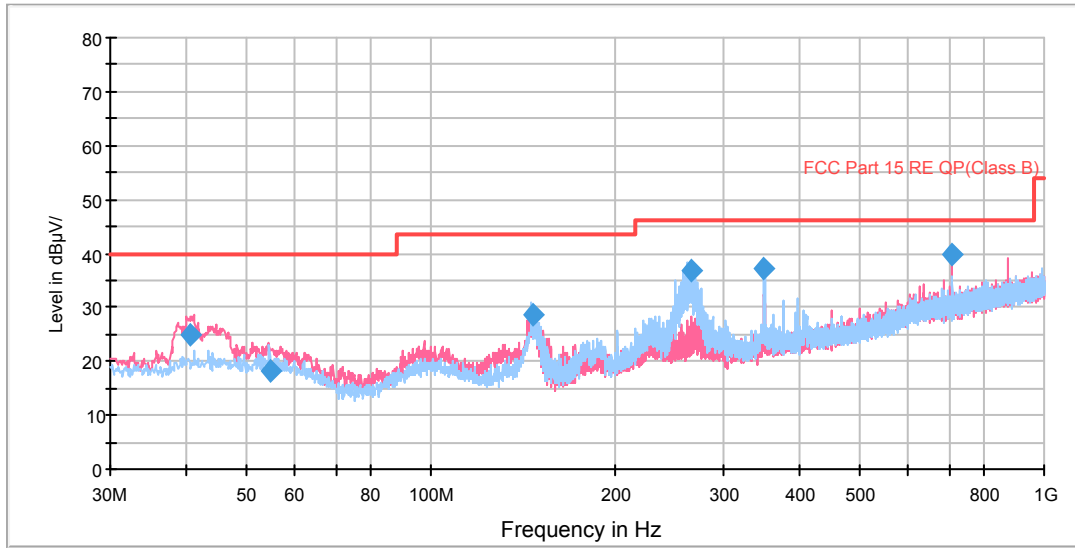
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18382.500000	20.8	H	0.0	25.6	-4.8	33.2	54
19497.062500	15.8	V	0.0	23.3	-7.5	38.2	54
21622.062500	14.1	H	0.0	23.1	-9.0	39.9	54
22038.562500	15.2	V	0.0	23.2	-8.0	38.8	54
24730.937500	15.9	H	0.0	22.1	-6.2	38.1	54
25223.937500	17.6	V	0.0	23.5	-5.9	36.4	54

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

802.11g CH6

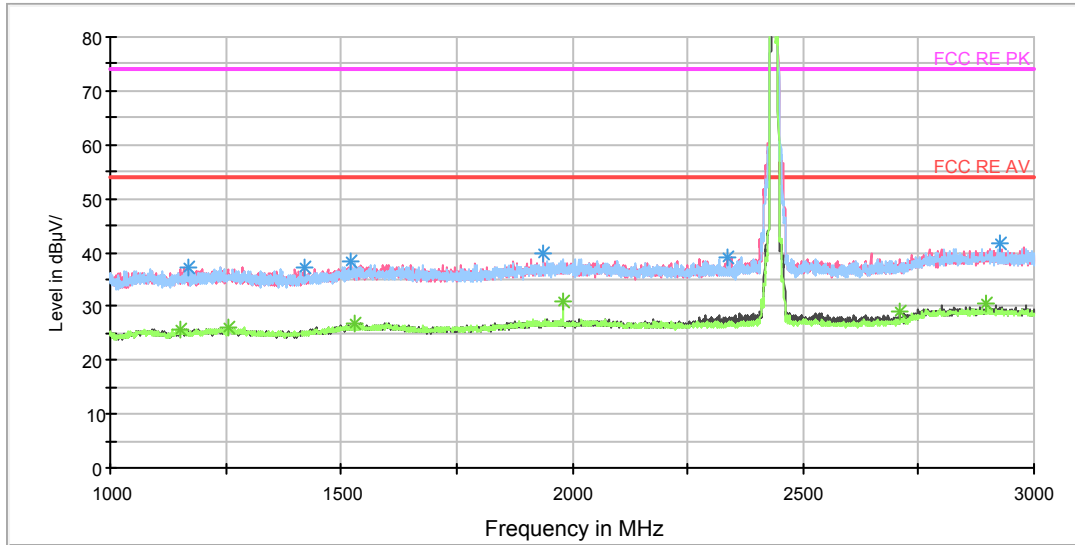
FCC RE 0.03-1GHz QP Class B



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)
40.633750	25.0	100.0	V	0.0	38.2	13.2	15.0	40.0
54.570000	18.2	100.0	V	22.0	31.0	12.8	21.8	40.0
146.393750	28.5	125.0	H	0.0	37.5	9.0	15.0	43.5
266.073750	36.9	100.0	H	280.0	51.4	14.5	9.1	46.0
349.978750	37.1	100.0	H	164.0	53.8	16.7	8.9	46.0
709.446250	39.7	100.0	V	268.0	62.7	23.0	6.3	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



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

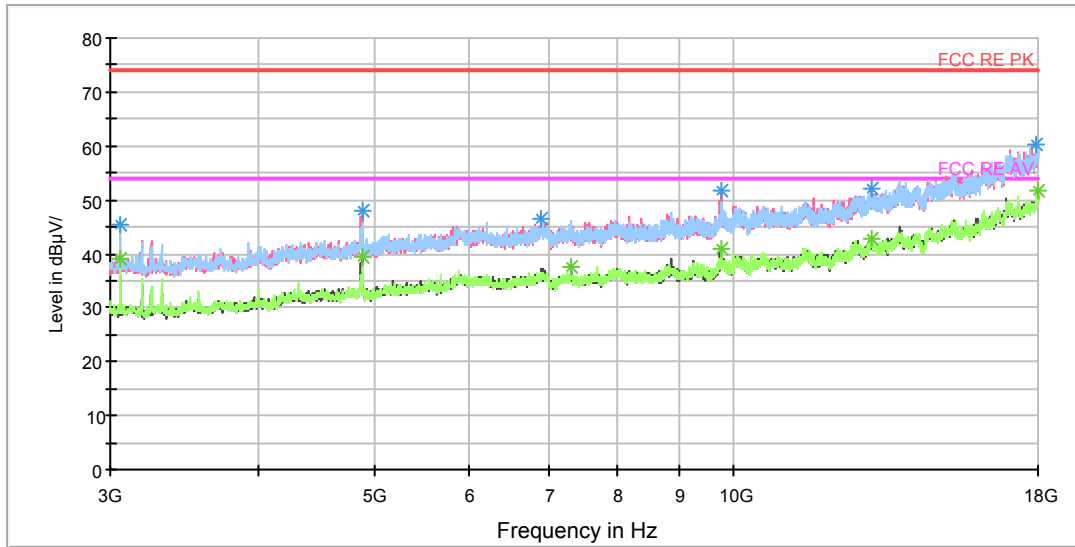
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1153.500000	34.6	100.0	H	11.0	45.4	-10.8	39.4	74
1254.500000	35.5	100.0	H	11.0	45.9	-10.4	38.5	74
1528.500000	35.9	100.0	V	146.0	45.2	-9.3	38.1	74
1980.000000	38.7	100.0	H	0.0	46.6	-7.9	35.3	74
2897.000000	38.9	100.0	V	48.0	43.1	-4.2	35.1	74
2708.000000	38.6	100.0	V	60.0	43.1	-4.5	35.4	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)
1153.500000	25.8	100.0	H	11.0	36.6	-10.8	28.2	54
1254.500000	26.0	100.0	H	11.0	36.4	-10.4	28.0	54
1528.500000	26.8	100.0	V	146.0	36.1	-9.3	27.2	54
1980.000000	30.9	100.0	H	0.0	38.8	-7.9	23.1	54
2897.000000	30.4	100.0	V	48.0	34.6	-4.2	23.6	54
2708.000000	29.0	100.0	V	60.0	33.5	-4.5	25.0	54

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

RE 3-18GHz PK+AV



Radiates Emission from 3GHz to 18GHz

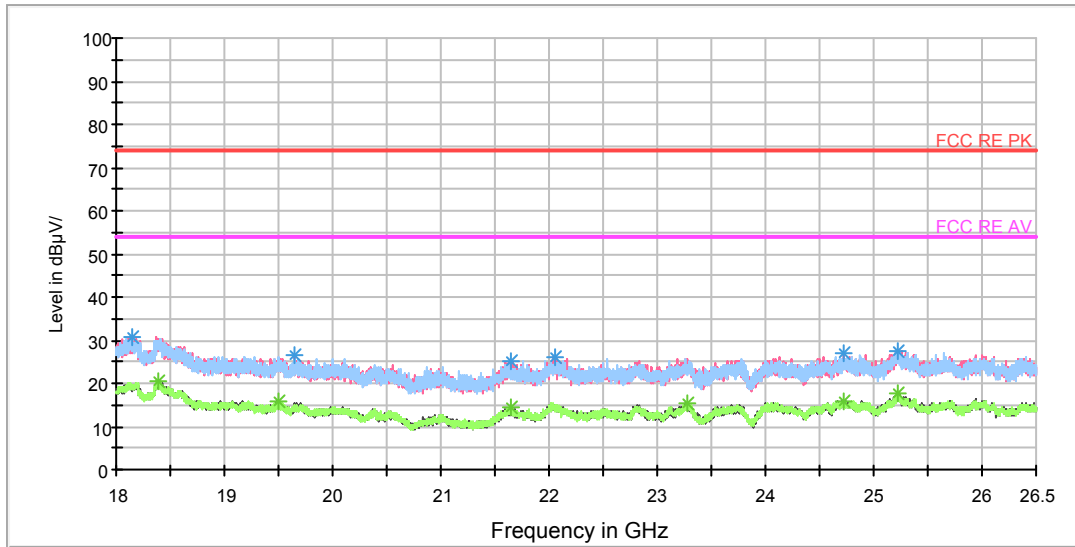
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3061.875000	45.3	100.0	H	202.0	46.9	-1.6	28.7	74
4878.750000	48.1	100.0	V	114.0	51.1	-3.0	25.9	74
6901.875000	46.4	100.0	H	4.0	53.4	-7.0	27.6	74
9755.625000	51.6	100.0	V	59.0	63.3	-11.7	22.4	74
13040.625000	52.2	100.0	V	73.0	68.4	-16.2	21.8	74
17962.500000	60.1	100.0	V	337.0	85.1	-25.0	13.9	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)
3061.875000	39.2	100.0	H	202.0	40.8	-1.6	14.8	54
4878.750000	39.4	100.0	V	114.0	42.4	-3.0	14.6	54
7312.500000	37.6	100.0	H	65.0	46.2	-8.6	16.4	54
9755.625000	41.0	100.0	H	103.0	52.7	-11.7	13.0	54
13042.500000	42.8	100.0	H	127.0	59.0	-16.2	11.2	54
17971.875000	51.6	100.0	V	337.0	76.7	-25.1	2.4	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)
18156.187500	30.7	H	0.0	35.8	-5.1	43.3	74
19647.937500	26.4	V	0.0	34.0	-7.6	47.6	74
21650.750000	25.1	V	0.0	34.3	-9.2	48.9	74
22047.062500	25.9	V	0.0	33.9	-8.0	48.1	74
24728.812500	26.8	V	0.0	33.0	-6.2	47.2	74
25218.625000	27.7	H	0.0	33.7	-6.0	46.3	74

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

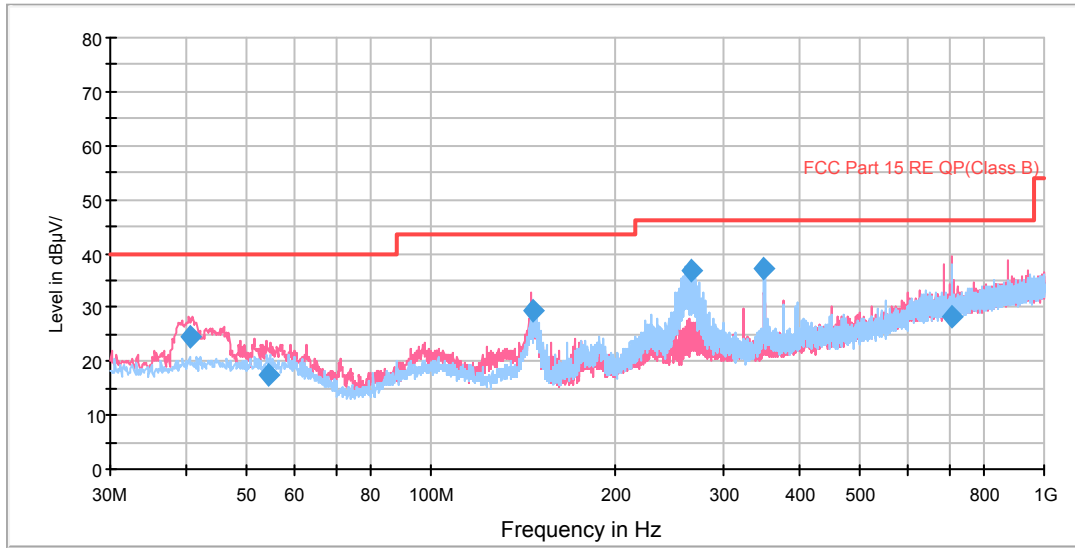
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18389.937500	20.5	V	0.0	25.4	-4.9	33.5	54
19496.000000	15.8	V	0.0	23.4	-7.6	38.2	54
21641.187500	14.5	V	0.0	23.6	-9.1	39.5	54
23282.750000	15.3	H	0.0	22.4	-7.1	38.7	54
24726.687500	15.9	V	0.0	22.1	-6.2	38.1	54
25217.562500	17.7	V	0.0	23.8	-6.1	36.3	54

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



802.11g CH11

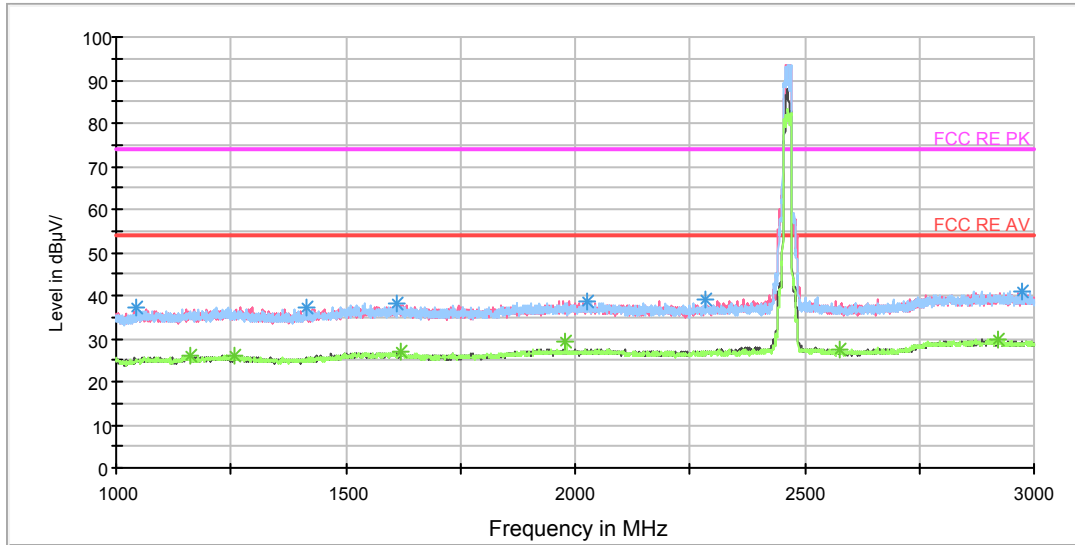
FCC RE 0.03-1GHz QP Class B



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)
40.632500	24.7	100.0	V	105.0	37.9	-13.2	15.3	40.0
54.327500	17.4	100.0	V	82.0	30.2	-12.8	22.6	40.0
146.393750	29.3	100.0	V	199.0	38.3	-9.0	14.2	43.5
266.032500	37.0	100.0	H	101.0	51.5	-14.5	9.0	46.0
349.978750	37.3	100.0	H	170.0	54.0	-16.7	8.7	46.0
709.487500	28.4	100.0	V	243.0	51.4	-23.0	17.6	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



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

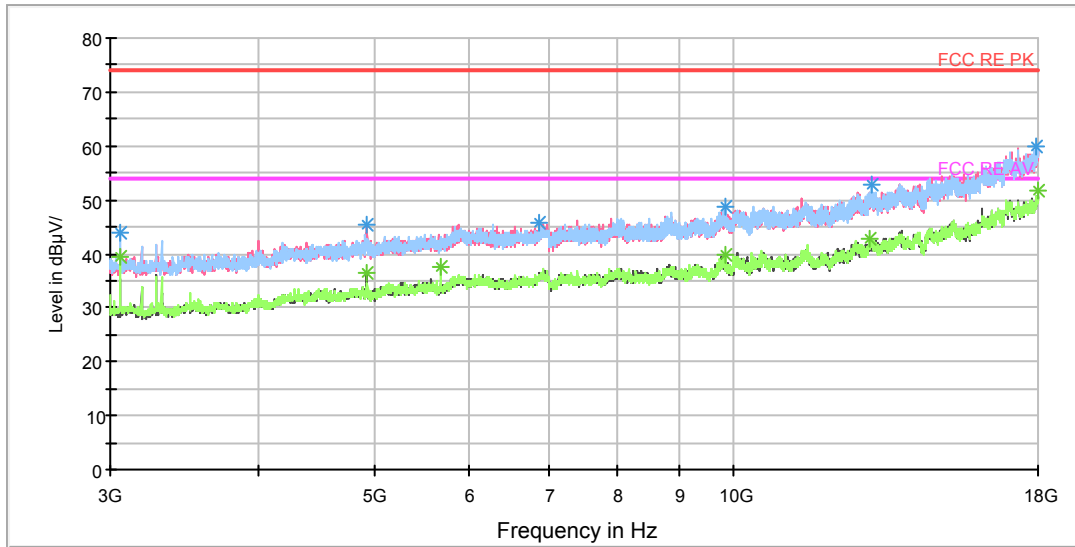
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1163.000000	34.8	100.0	H	175.0	45.6	-10.8	39.2	74
1259.000000	35.4	100.0	V	336.0	45.7	-10.3	38.6	74
1619.500000	35.8	100.0	H	95.0	44.7	-8.9	38.2	74
1980.000000	36.8	100.0	H	281.0	44.7	-7.9	37.2	74
2919.500000	39.8	100.0	H	270.0	44.0	-4.2	34.2	74
2574.500000	37.7	100.0	H	29.0	42.4	-4.7	36.3	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)
1163.000000	26.0	100.0	H	175.0	36.8	-10.8	28.0	54
1259.000000	26.2	100.0	V	336.0	36.5	-10.3	27.8	54
1619.500000	26.9	100.0	H	95.0	35.8	-8.9	27.1	54
1980.000000	29.4	100.0	H	281.0	37.3	-7.9	24.6	54
2919.500000	29.7	100.0	H	270.0	33.9	-4.2	24.3	54
2574.500000	27.4	100.0	H	29.0	32.1	-4.7	26.6	54

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

RE 3-18GHz PK+AV



Radiates Emission from 3GHz to 18GHz

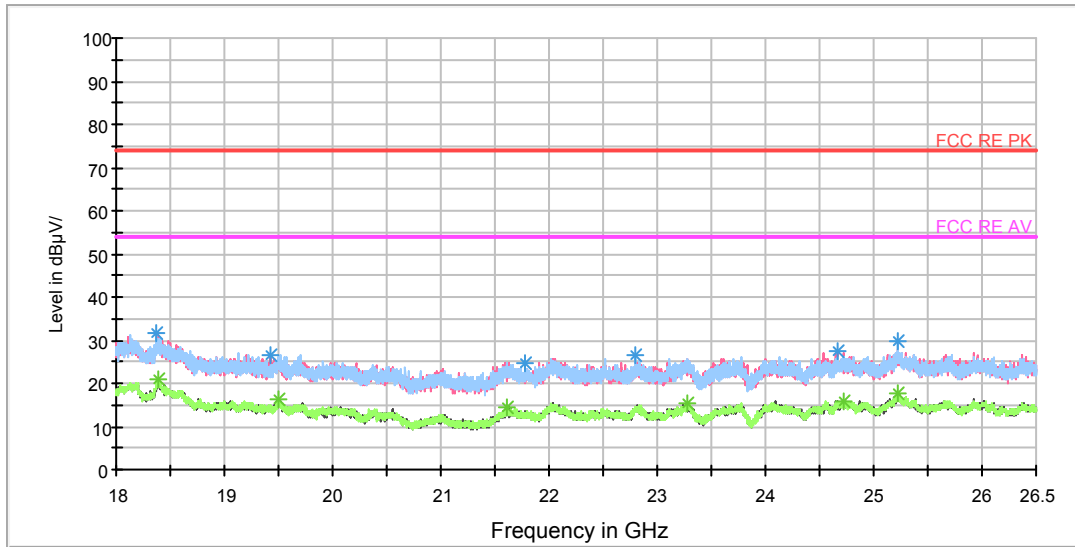
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3061.875000	39.4	100.0	H	207.0	41.0	-1.6	34.6	74
4920.000000	36.6	100.0	V	102.0	39.7	-3.1	37.4	74
6860.625000	35.8	100.0	H	53.0	42.5	-6.7	38.2	74
9836.250000	38.0	100.0	H	0.0	49.9	-11.9	36.0	74
13044.375000	42.1	100.0	H	0.0	58.3	-16.2	31.9	74
17953.125000	50.1	100.0	V	323.0	75.0	-24.9	23.9	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)
3061.875000	39.4	100.0	H	207.0	41.0	-1.6	14.6	54
4920.000000	36.6	100.0	V	102.0	39.7	-3.1	17.4	54
5686.875000	37.5	100.0	H	28.0	42.2	-4.7	16.5	54
9853.125000	40.0	100.0	H	91.0	51.7	-11.7	14.0	54
13025.625000	42.8	100.0	H	115.0	59.0	-16.2	11.2	54
18000.000000	51.8	100.0	H	298.0	77.2	-25.4	2.2	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)
18375.062500	31.8	H	0.0	36.5	-4.7	42.2	74
19420.562500	26.5	V	0.0	34.3	-7.8	47.5	74
21777.187500	24.7	H	0.0	34.0	-9.3	49.3	74
22796.125000	26.5	H	0.0	33.9	-7.4	47.5	74
24660.812500	27.5	V	0.0	34.5	-7.0	46.5	74
25221.812500	29.7	H	0.0	35.6	-5.9	44.3	74

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

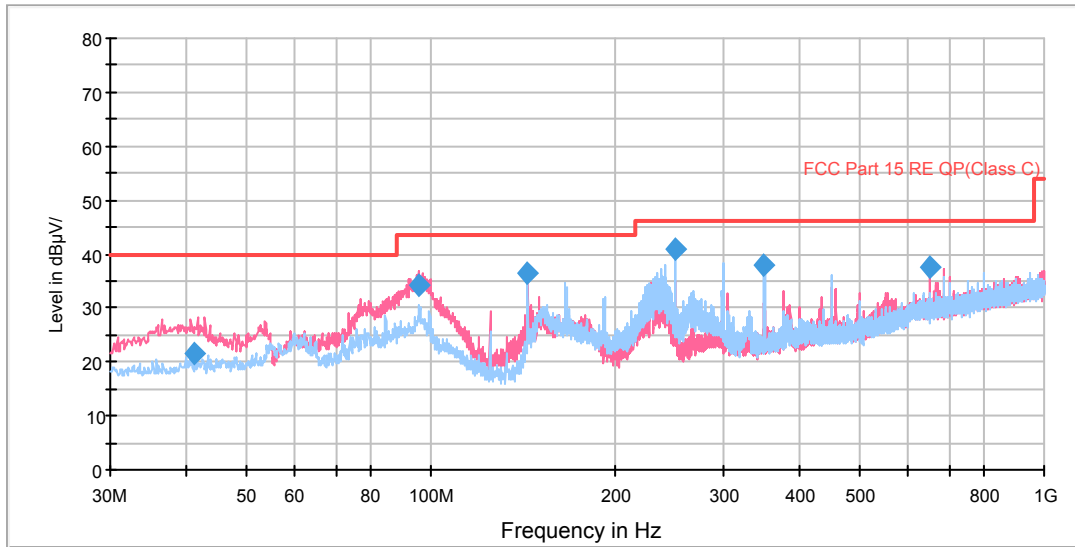
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18380.375000	20.9	H	0.0	25.7	-4.8	33.1	54
19505.562500	16.1	H	0.0	23.6	-7.5	37.9	54
21615.687500	14.3	H	0.0	23.2	-8.9	39.7	54
23268.937500	15.4	H	0.0	22.7	-7.3	38.6	54
24727.750000	16.0	V	0.0	22.2	-6.2	38.0	54
25229.250000	17.5	V	0.0	23.4	-5.9	36.5	54

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

**MIMO**

**802.11n (HT20) CH1**

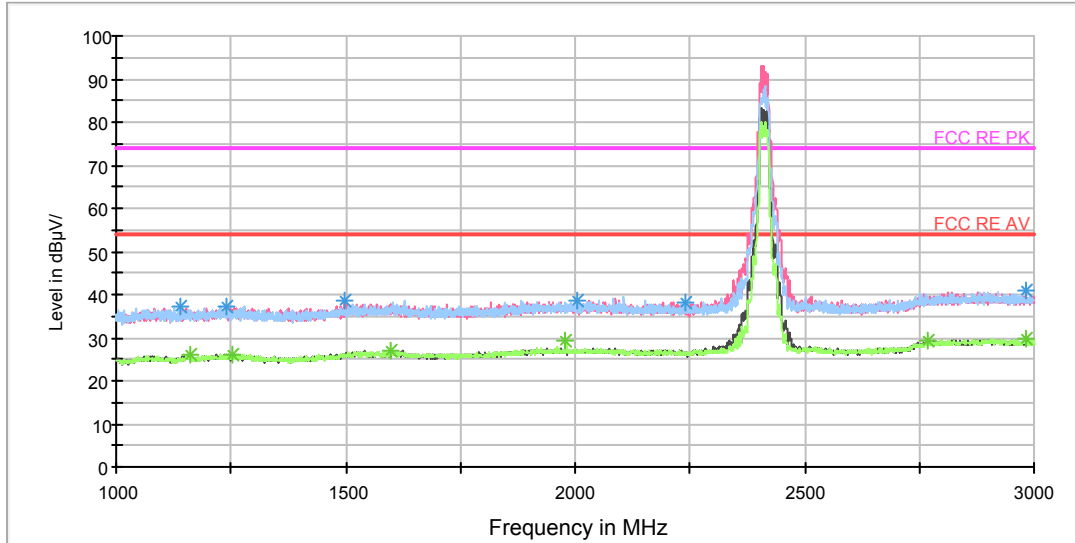
FCC RE 0.03-1GHz QP Class C



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)
41.080000	21.7	100.0	V	0.0	34.9	13.2	18.3	40.0
95.715000	34.3	100.0	V	66.0	46.9	12.6	9.2	43.5
143.533750	36.3	100.0	V	195.0	45.3	9.0	7.2	43.5
249.988750	40.9	125.0	H	0.0	55.0	14.1	5.1	46.0
349.978750	38.0	100.0	H	240.0	54.7	16.7	8.0	46.0
649.992500	37.8	100.0	V	123.0	60.3	22.5	8.2	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



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

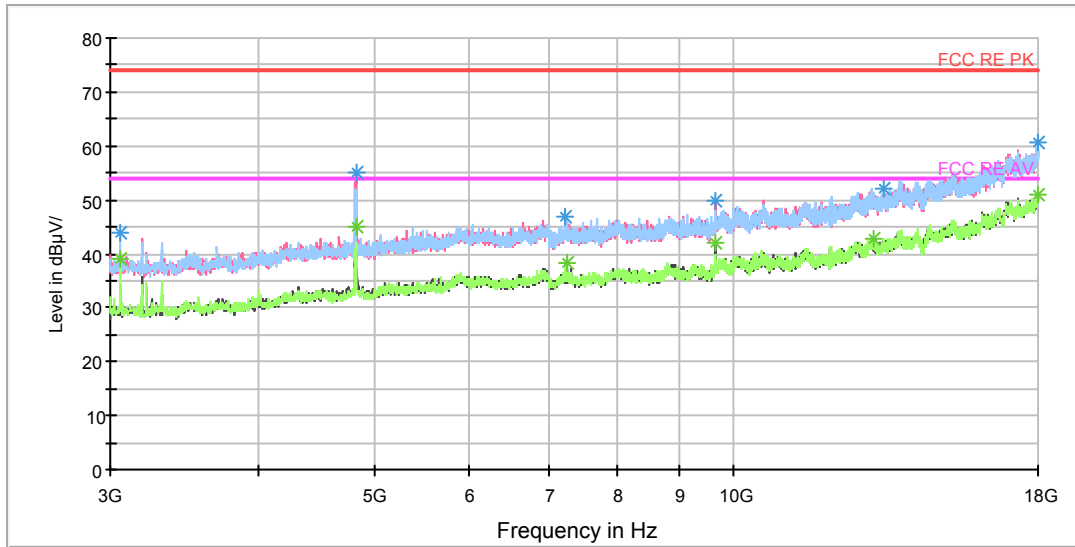
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1163.000000	34.4	100.0	V	234.0	45.2	-10.8	39.6	74
1254.500000	35.4	100.0	V	322.0	45.8	-10.4	38.6	74
1599.000000	36.5	100.0	H	60.0	45.5	-9.0	37.5	74
1980.000000	38.1	100.0	H	0.0	46.0	-7.9	35.9	74
2984.000000	38.2	100.0	V	303.0	42.2	-4.0	35.8	74
2770.000000	38.4	100.0	H	99.0	42.7	-4.3	35.6	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)
1163.000000	25.9	100.0	V	234.0	36.7	-10.8	28.1	54
1254.500000	26.2	100.0	V	322.0	36.6	-10.4	27.8	54
1599.000000	26.9	100.0	H	60.0	35.9	-9.0	27.1	54
1980.000000	29.3	100.0	H	0.0	37.2	-7.9	24.7	54
2984.000000	29.7	100.0	V	303.0	33.7	-4.0	24.3	54
2770.000000	29.3	100.0	H	99.0	33.6	-4.3	24.7	54

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

RE 3-18GHz PK+AV



Radiates Emission from 3GHz to 18GHz

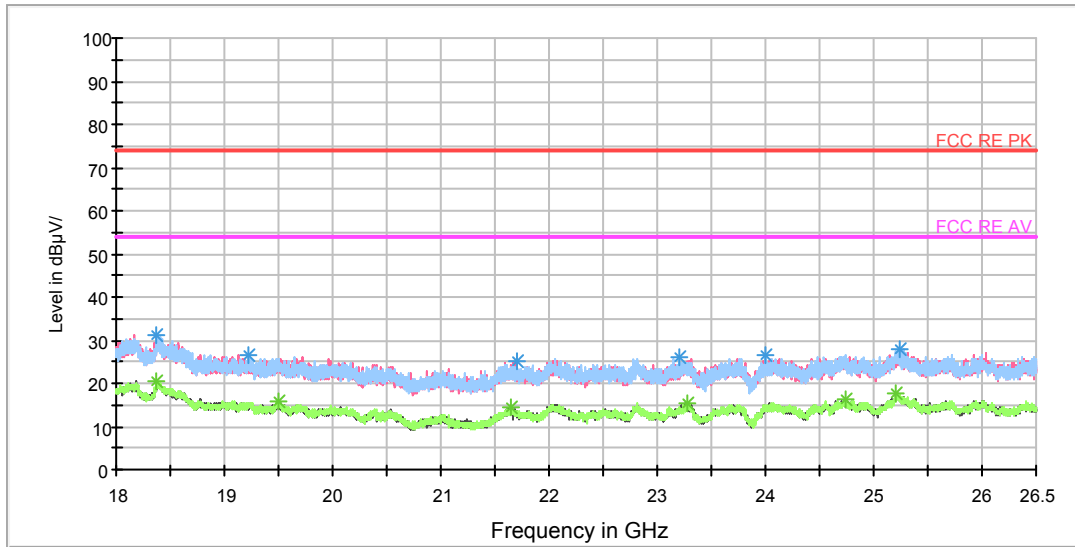
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3061.875000	43.8	100.0	H	60.0	45.4	-1.6	30.2	74
4822.500000	55.2	100.0	V	100.0	57.9	-2.7	18.8	74
7231.875000	46.9	100.0	V	333.0	55.6	-8.7	27.1	74
9648.750000	49.7	100.0	V	0.0	60.2	-10.5	24.3	74
13346.250000	52.2	100.0	H	11.0	68.0	-15.8	21.8	74
17986.875000	60.6	100.0	H	277.0	85.8	-25.2	13.4	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)
3061.875000	39.2	100.0	H	60.0	40.8	-1.6	14.8	54
4822.500000	45.1	100.0	V	100.0	47.8	-2.7	8.9	54
7231.875000	38.2	100.0	V	333.0	46.9	-8.7	15.8	54
9648.750000	41.9	100.0	V	0.0	52.4	-10.5	12.1	54
13346.250000	42.9	100.0	H	11.0	58.7	-15.8	11.1	54
17986.875000	51.1	100.0	H	277.0	76.3	-25.2	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)
18375.062500	31.4	V	0.0	36.1	-4.7	42.6	74
19215.500000	26.4	H	0.0	33.3	-6.9	47.6	74
21710.250000	25.3	H	0.0	34.7	-9.4	48.7	74
23198.812500	26.3	H	0.0	34.8	-8.5	47.7	74
24008.437500	26.4	H	0.0	33.8	-7.4	47.6	74
25235.625000	27.8	V	0.0	33.8	-6.0	46.2	74

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

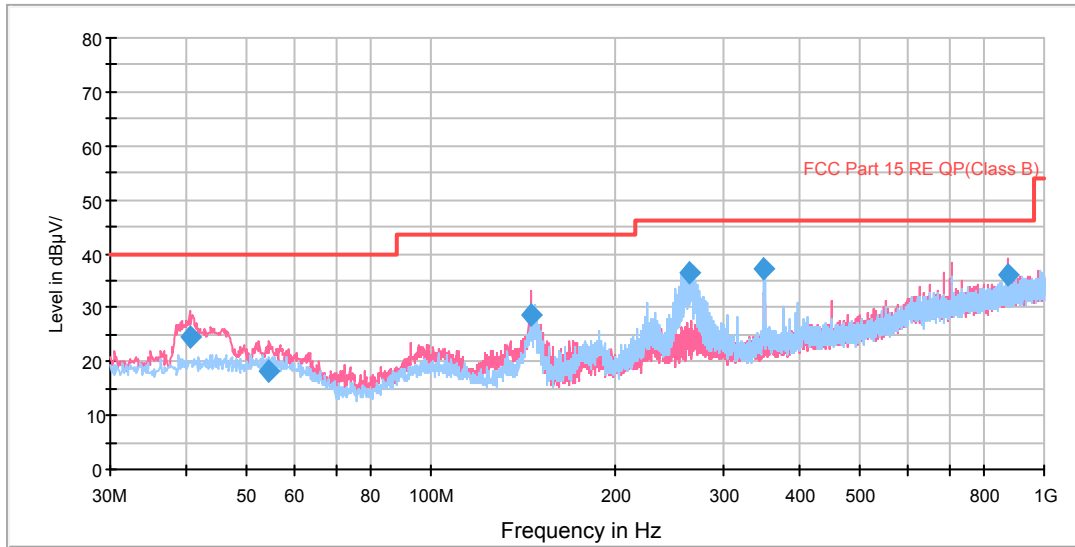
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18375.062500	20.3	V	0.0	25.0	-4.7	33.7	54
19215.500000	16.0	H	0.0	22.9	-6.9	38.0	54
21710.250000	14.6	H	0.0	24.0	-9.4	39.4	54
23198.812500	15.4	H	0.0	23.9	-8.5	38.6	54
24008.437500	16.5	H	0.0	23.9	-7.4	37.5	54
25235.625000	17.7	V	0.0	23.7	-6.0	36.3	54

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



802.11n (HT20) CH6

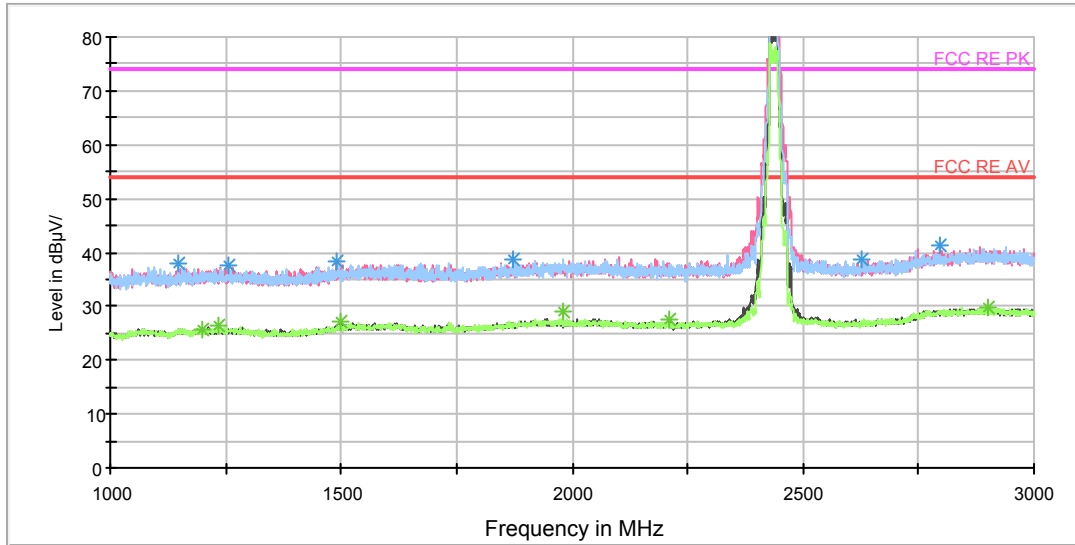
FCC RE 0.03-1GHz QP Class B



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)
40.587500	24.6	100.0	V	242.0	37.8	-13.2	15.4	40.0
54.532500	18.1	100.0	V	8.0	30.9	-12.8	21.9	40.0
145.828750	28.8	100.0	V	213.0	37.8	-9.0	14.7	43.5
263.122500	36.4	100.0	H	295.0	50.9	-14.5	9.6	46.0
349.978750	37.1	100.0	H	160.0	53.8	-16.7	8.9	46.0
874.951250	36.1	115.0	V	0.0	61.4	-25.3	9.9	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



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

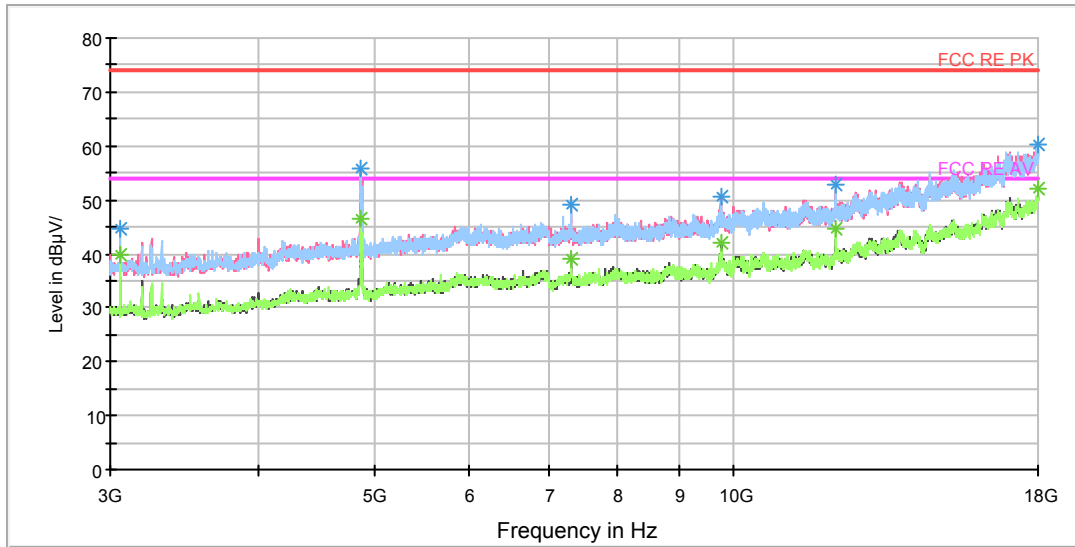
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1198.000000	36.6	100.0	H	23.0	47.3	-10.7	37.4	74
1233.500000	35.4	100.0	H	0.0	45.9	-10.5	38.6	74
1500.000000	35.8	100.0	V	313.0	45.3	-9.5	38.2	74
1980.000000	38.7	100.0	H	292.0	46.6	-7.9	35.3	74
2899.500000	38.4	100.0	H	269.0	42.6	-4.2	35.6	74
2209.500000	36.1	100.0	V	323.0	42.7	-6.6	37.9	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)
1198.000000	25.8	100.0	H	23.0	36.5	-10.7	28.2	54
1233.500000	26.6	100.0	H	0.0	37.1	-10.5	27.4	54
1500.000000	27.1	100.0	V	313.0	36.6	-9.5	26.9	54
1980.000000	29.2	100.0	H	292.0	37.1	-7.9	24.8	54
2899.500000	29.7	100.0	H	269.0	33.9	-4.2	24.3	54
2209.500000	27.4	100.0	V	323.0	34.0	-6.6	26.6	54

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

RE 3-18GHz PK+AV



Radiates Emission from 3GHz to 18GHz

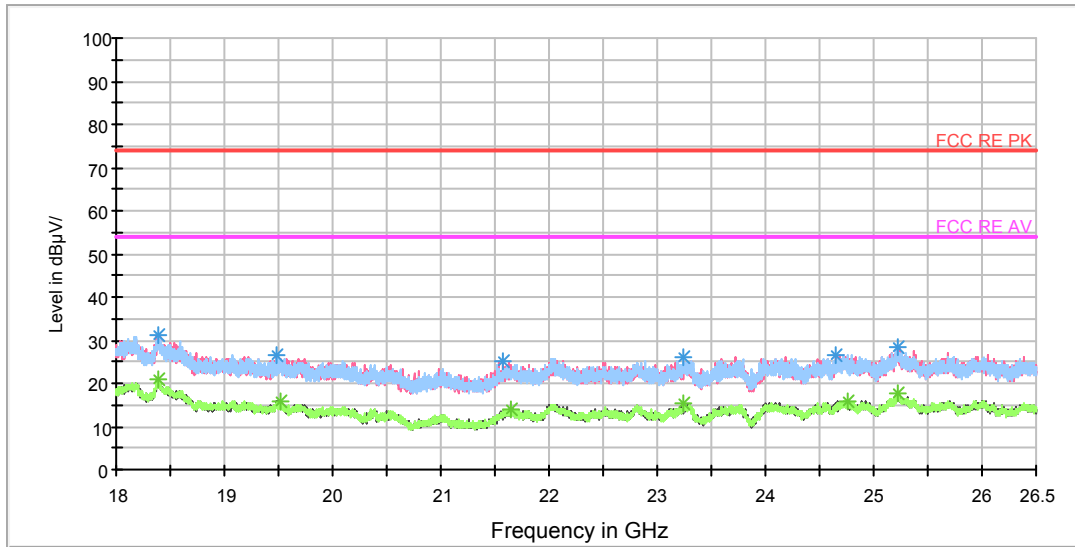
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3061.875000	44.5	100.0	H	197.0	46.1	-1.6	29.5	74
4873.125000	56.0	100.0	V	119.0	59.0	-3.0	18.0	74
7303.125000	48.9	100.0	H	75.0	57.6	-8.7	25.1	74
9748.125000	50.7	100.0	V	0.0	62.3	-11.6	23.3	74
12183.750000	52.8	100.0	H	330.0	66.3	-13.5	21.2	74
17992.500000	60.2	100.0	V	343.0	85.5	-25.3	13.8	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)
3061.875000	40.0	100.0	H	197.0	41.6	-1.6	14.0	54
4873.125000	46.5	100.0	V	119.0	49.5	-3.0	7.5	54
7303.125000	39.0	100.0	V	319.0	47.7	-8.7	15.0	54
9751.875000	41.9	100.0	V	0.0	53.6	-11.7	12.1	54
12183.750000	44.7	100.0	H	330.0	58.2	-13.5	9.3	54
18000.000000	51.9	100.0	H	135.0	77.3	-25.4	2.1	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)
18380.375000	31.1	H	0.0	35.9	-4.8	42.9	74
19472.625000	26.4	V	0.0	34.3	-7.9	47.6	74
21566.812500	25.2	V	0.0	33.9	-8.7	48.8	74
23246.625000	26.1	H	0.0	33.7	-7.6	47.9	74
24656.562500	26.7	V	0.0	33.7	-7.0	47.3	74
25213.312500	28.3	V	0.0	34.5	-6.2	45.7	74

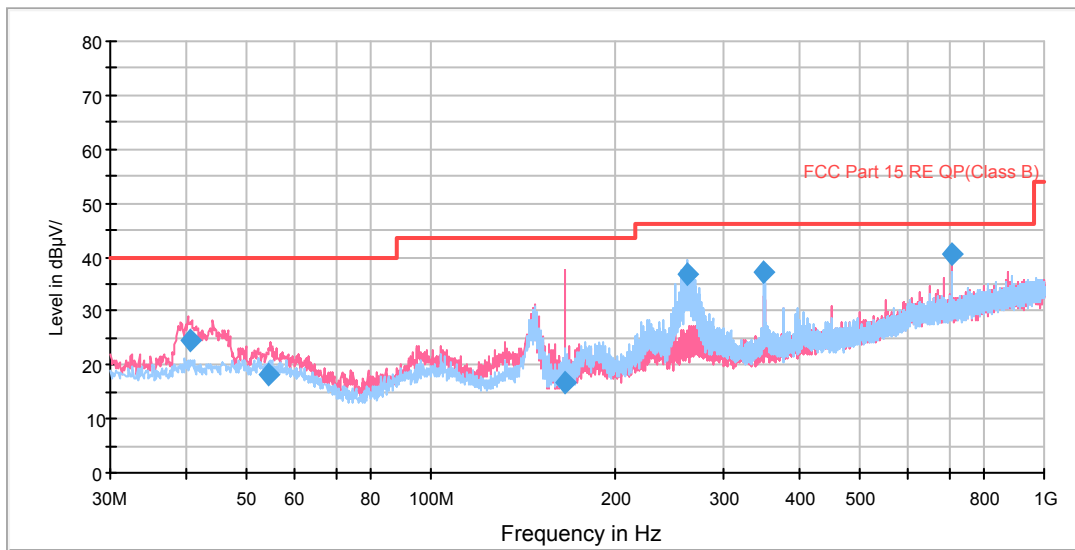
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18395.250000	20.7	H	0.0	25.6	-4.9	33.3	54
19514.062500	15.8	V	0.0	23.3	-7.5	38.2	54
21640.125000	13.9	V	0.0	23.0	-9.1	40.1	54
23247.687500	15.2	H	0.0	22.8	-7.6	38.8	54
24759.625000	15.9	H	0.0	22.6	-6.7	38.1	54
25219.687500	17.6	V	0.0	23.6	-6.0	36.4	54

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

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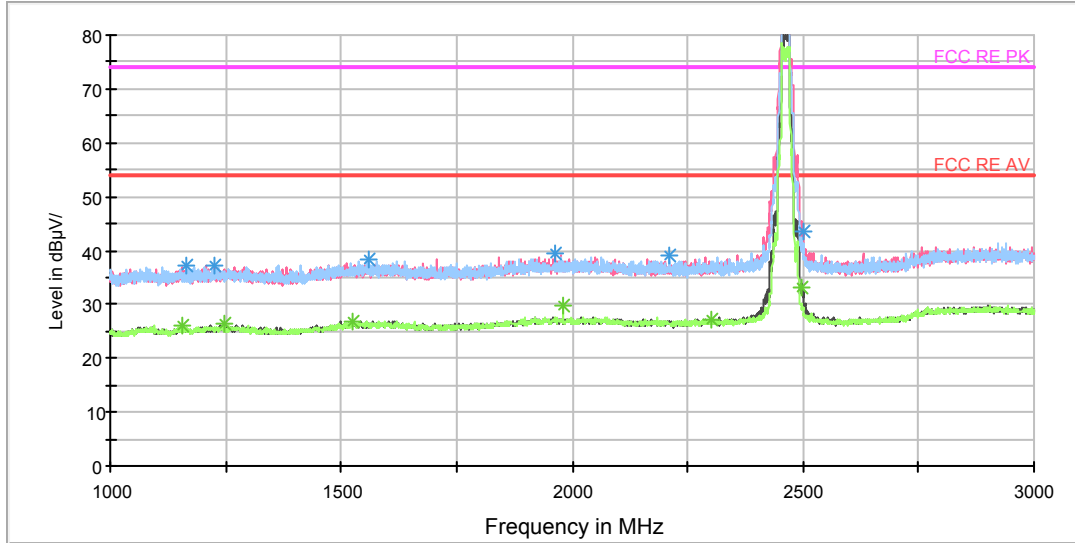
FCC RE 0.03-1GHz QP Class B



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)
40.625000	24.7	100.0	V	355.0	37.9	-13.2	15.3	40.0
54.535000	18.2	100.0	V	0.0	31.0	-12.8	21.8	40.0
165.878750	16.8	100.0	V	190.0	26.8	-10.0	26.7	43.5
262.153750	37.0	100.0	H	295.0	51.4	-14.4	9.0	46.0
349.978750	37.0	100.0	H	158.0	53.7	-16.7	9.0	46.0
709.485000	40.4	100.0	V	280.0	63.4	-23.0	5.6	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



Note: The signal beyond the limit is carrier.

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)
1157.500000	36.9	100.0	V	359.0	47.7	-10.8	37.1	74
1246.500000	35.8	100.0	H	0.0	46.2	-10.4	38.2	74
1523.000000	36.8	100.0	V	357.0	46.1	-9.3	37.2	74
1980.000000	37.2	100.0	H	0.0	45.1	-7.9	36.8	74
2498.500000	43.5	100.0	V	314.0	48.5	-5.0	30.5	74
2301.500000	36.7	100.0	H	300.0	42.7	-6.0	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)
1157.500000	25.9	100.0	V	359.0	36.7	-10.8	28.1	54
1246.500000	26.3	100.0	H	0.0	36.7	-10.4	27.7	54
1523.000000	26.9	100.0	V	357.0	36.2	-9.3	27.1	54
1980.000000	29.9	100.0	H	0.0	37.8	-7.9	24.1	54
2498.500000	32.9	100.0	V	314.0	37.9	-5.0	21.1	54
2301.500000	27.1	100.0	H	300.0	33.1	-6.0	26.9	54

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