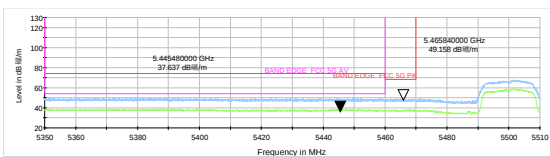


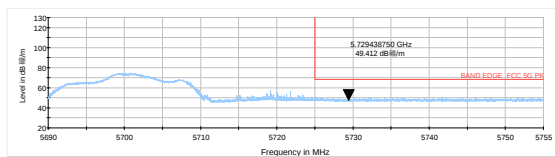


U-NII-2C

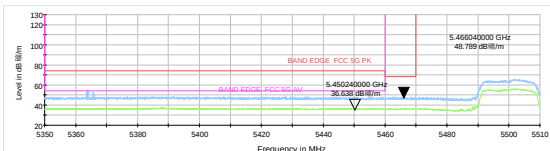
802.11a-Channel 100: Peak+ Average



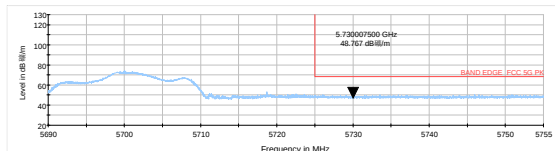
802.11a-Channel 140: Peak



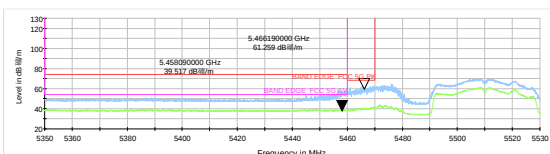
802.11n HT20-Channel 100: Peak+ Average



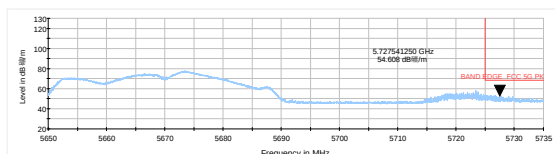
802.11n HT20-Channel 140: Peak



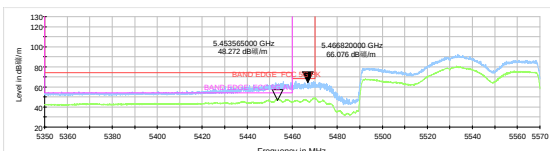
802.11n HT40-Channel 102: Peak+ Average



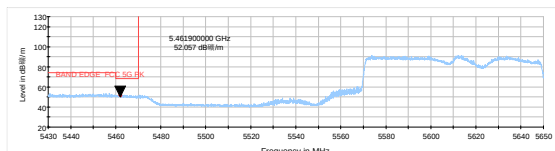
802.11n HT40-Channel 134: Peak



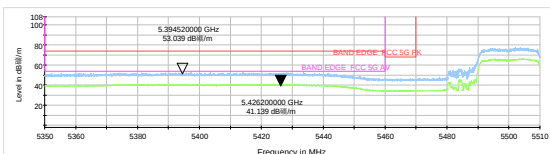
802.11ac VHT80-Channel 106: Peak+Average



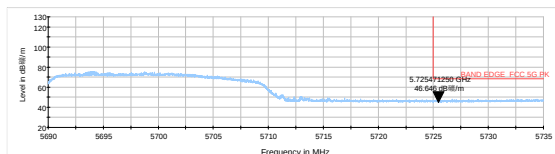
802.11ac VHT80-Channel 122: Peak



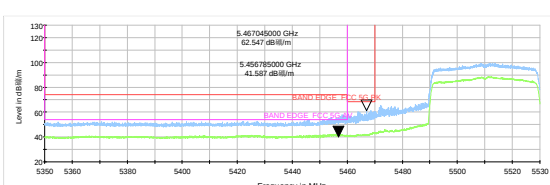
802.11ax HE20-Channel 100: Peak+ Average



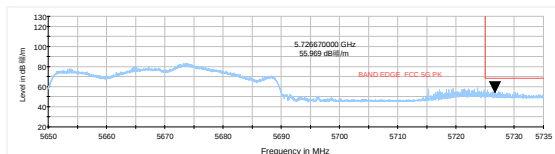
802.11ax HE20-Channel 140: Peak



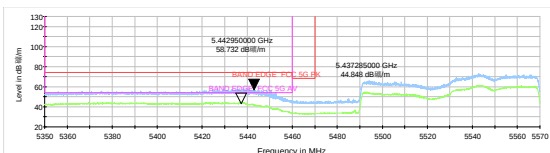
802.11ax HE40-Channel 102: Peak+ Average



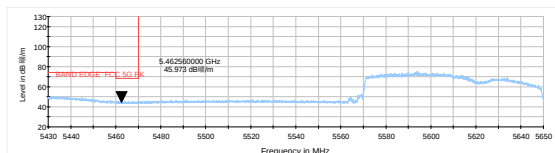
802.11ax HE40-Channel 134: Peak



802.11ax HE80-Channel 106: Peak+Average



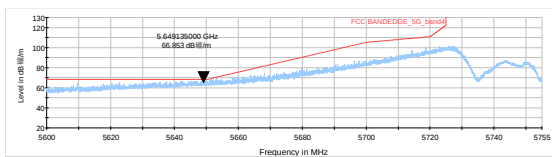
802.11ax HE80-Channel 122: Peak



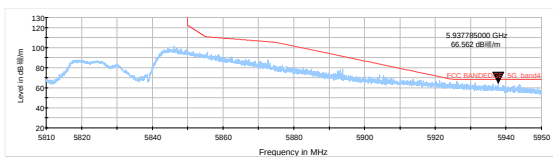


U-NII-3

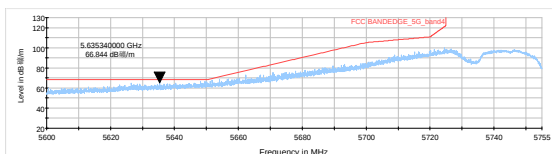
802.11a-Channel 149: Peak



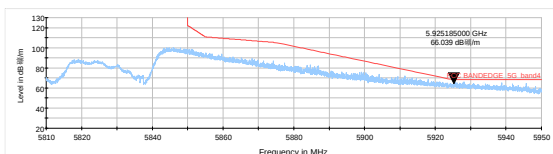
802.11a-Channel 165: Peak



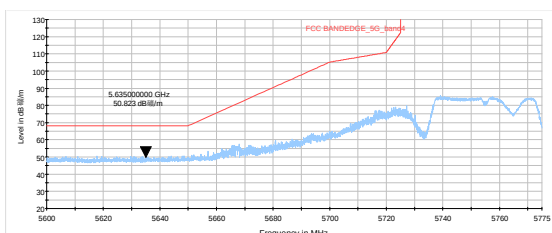
802.11n HT20-Channel 149: Peak



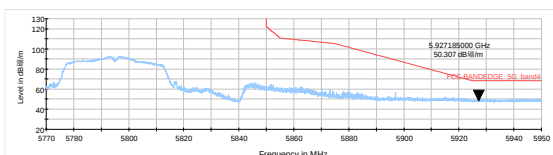
802.11n HT20-Channel 165: Peak



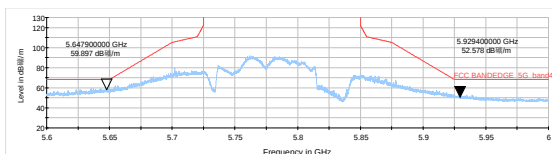
802.11n HT40-Channel 151: Peak



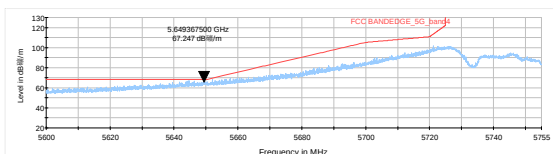
802.11n HT40-Channel 159: Peak



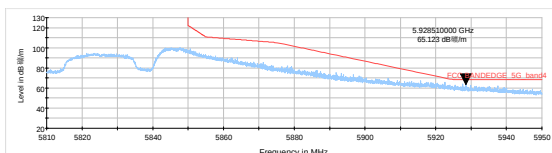
802.11ac VHT80- Channel 155: Peak



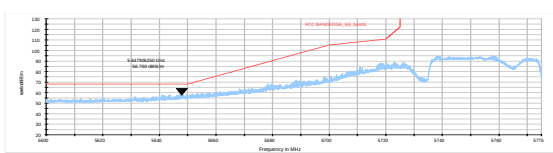
802.11ax HE20-Channel 149: Peak



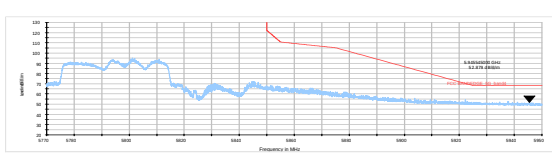
802.11ax HE20-Channel 165: Peak



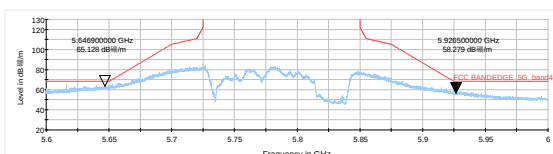
802.11ax HE40-Channel 151: Peak



802.11ax HE40-Channel 159: Peak



802.11ax HE80-Channel 155: Peak

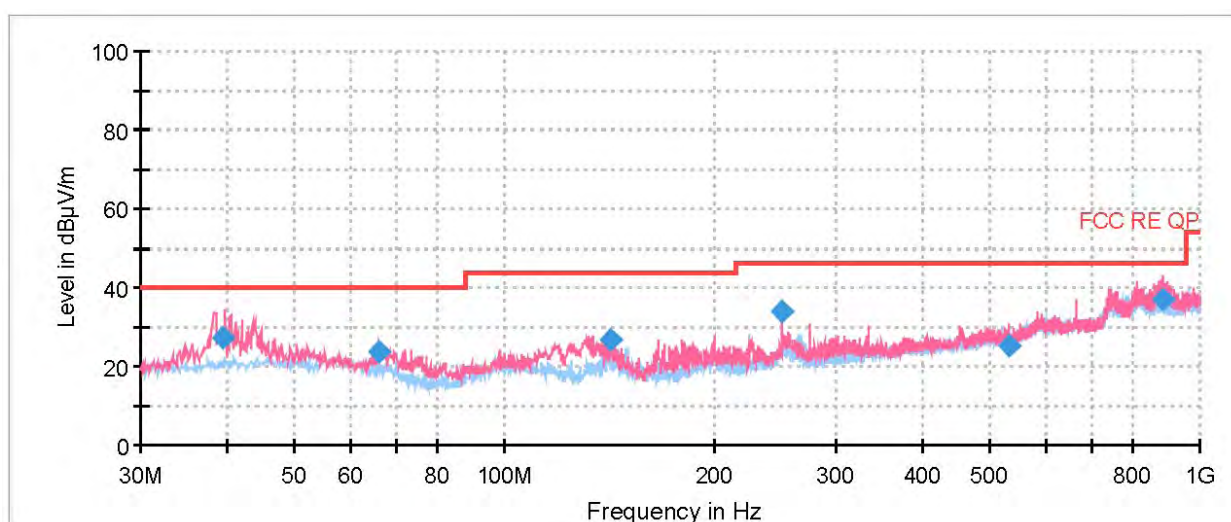


**Result of RE****Test result**

Sweep the whole frequency band through the range from 9kHz to the 10th harmonic of the carrier, the Emissions in the frequency band 9kHz-30MHz and 26.5GHz-40GHz are more than 20dB below the limit are not reported.

After the pretest, MIMO was selected as the worst antenna.

During the test, the Radiates Emission from 30MHz to 1GHz was performed in all modes with all channels, 802.11n HT40, Channel 62 for INPAQ , 802.11ax HE40, Channel 159 for Galtronics are selected as the worst condition. The test data of the worst-case condition was recorded in this report.

INPAQ :**Continuous TX mode:**

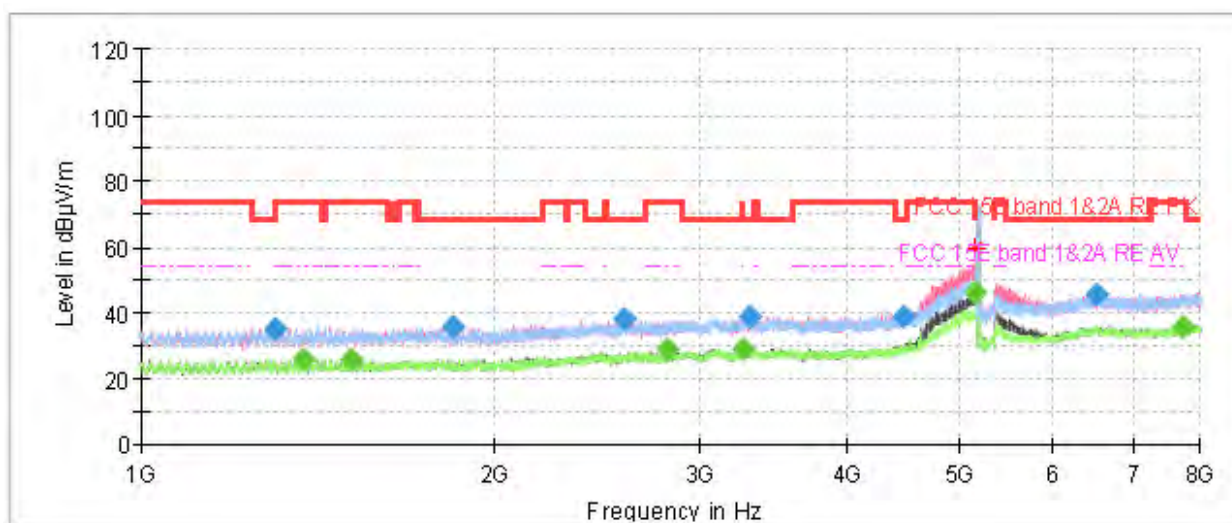
Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
39.460000	27.22	105.0	V	147.0	13.5	12.78	40.00
66.253750	23.51	100.0	V	72.0	11.4	16.49	40.00
142.681250	26.71	100.0	V	218.0	9.0	16.79	43.50
249.987500	33.84	125.0	H	276.0	13.8	12.16	46.00
533.470000	25.33	105.0	V	218.0	19.8	20.67	46.00
885.213750	36.88	100.0	V	204.0	24.6	9.12	46.00

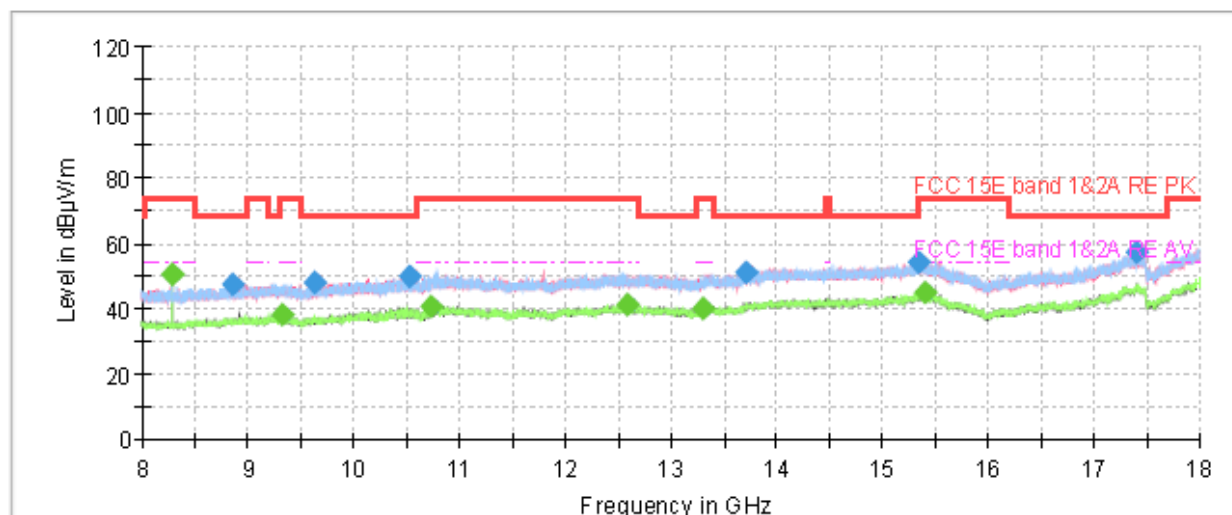
Remark: 1. Correction Factor = Antenna factor+ Insertion loss(cable loss+amplifier gain)

2. Margin = Limit – Quasi-Peak

802.11a CH36



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



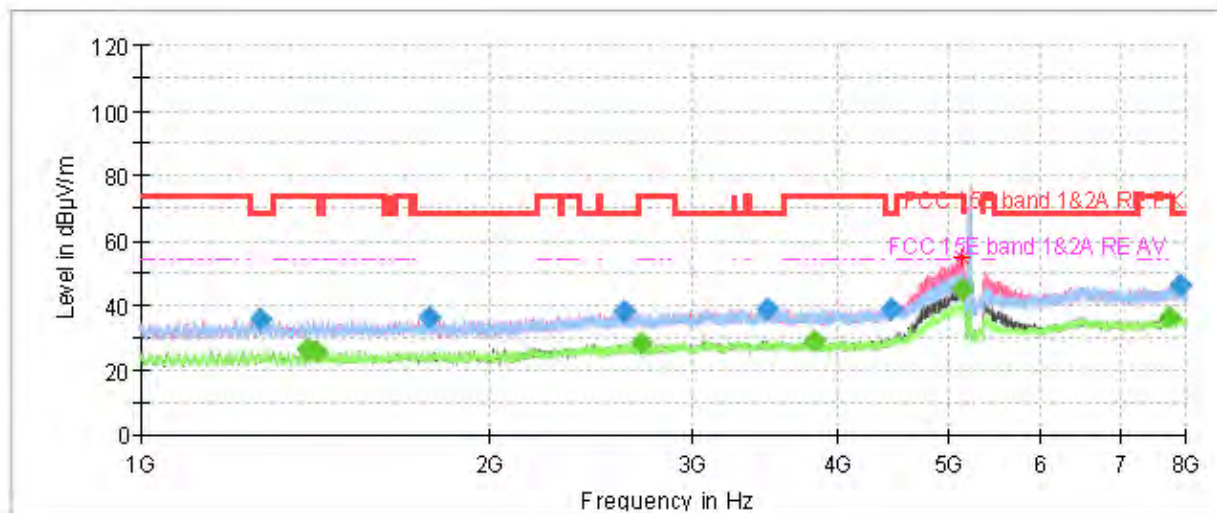
Radiates Emission from 8GHz to 18GHz



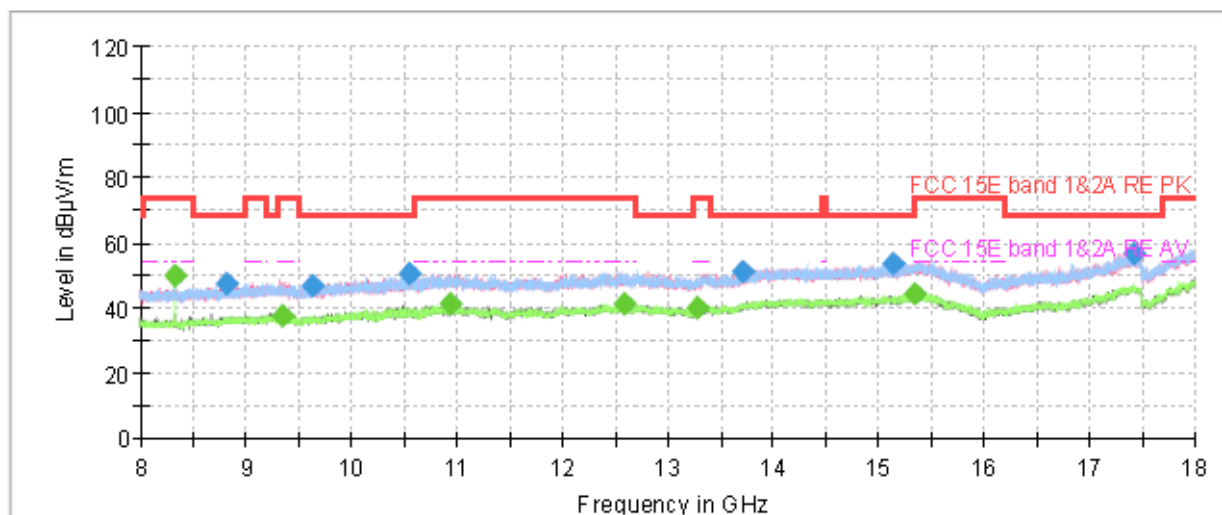
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1299.833333	35.07	---	68.20	33.13	1000.000	200.0	H	230.0	-19.8
1375.666667	---	25.81	54.00	28.19	1000.000	100.0	H	100.0	-19.6
1507.966667	---	25.81	54.00	28.19	1000.000	100.0	H	24.0	-19.1
1847.933333	35.39	---	68.20	32.81	1000.000	200.0	H	283.0	-18.4
2580.600000	38.14	---	68.20	30.06	1000.000	200.0	V	9.0	-16.1
2807.166667	---	28.97	54.00	25.03	1000.000	200.0	V	260.0	-16.0
3261.233333	---	29.09	54.00	24.91	1000.000	200.0	V	0.0	-15.2
3302.066667	38.87	---	68.20	29.33	1000.000	100.0	V	220.0	-15.0
4463.366667	38.70	---	68.20	29.50	1000.000	200.0	V	318.0	-9.5
5147.266667	---	45.85	54.00	8.15	1000.000	200.0	V	288.0	-9.5
6522.066667	45.31	---	68.20	22.90	1000.000	100.0	H	34.0	-3.7
7743.800000	---	35.86	54.00	18.14	1000.000	100.0	V	152.0	-3.6

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

802.11a CH40



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



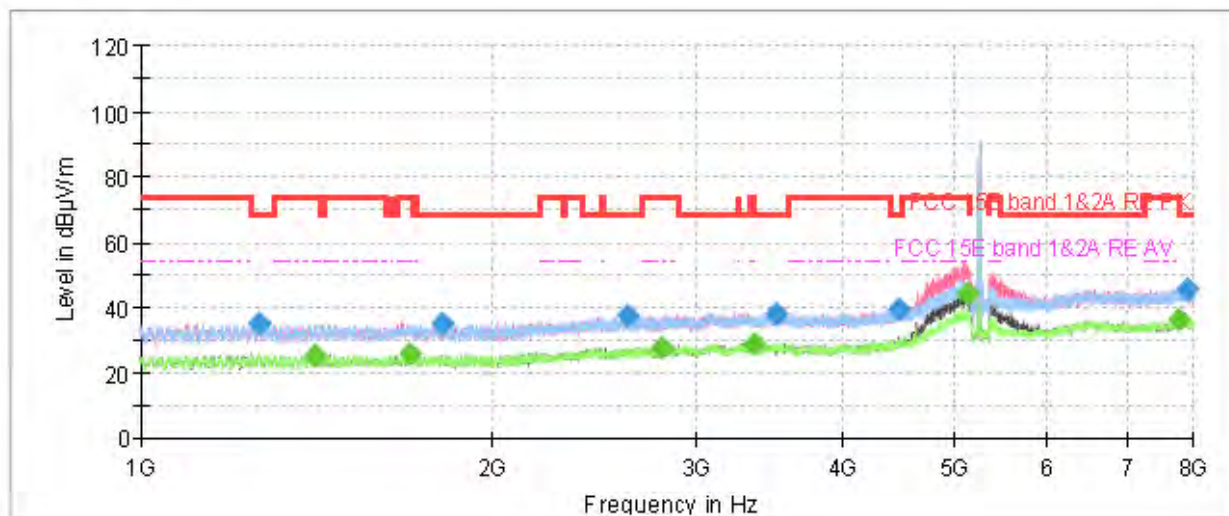
Radiates Emission from 8GHz to 18GHz



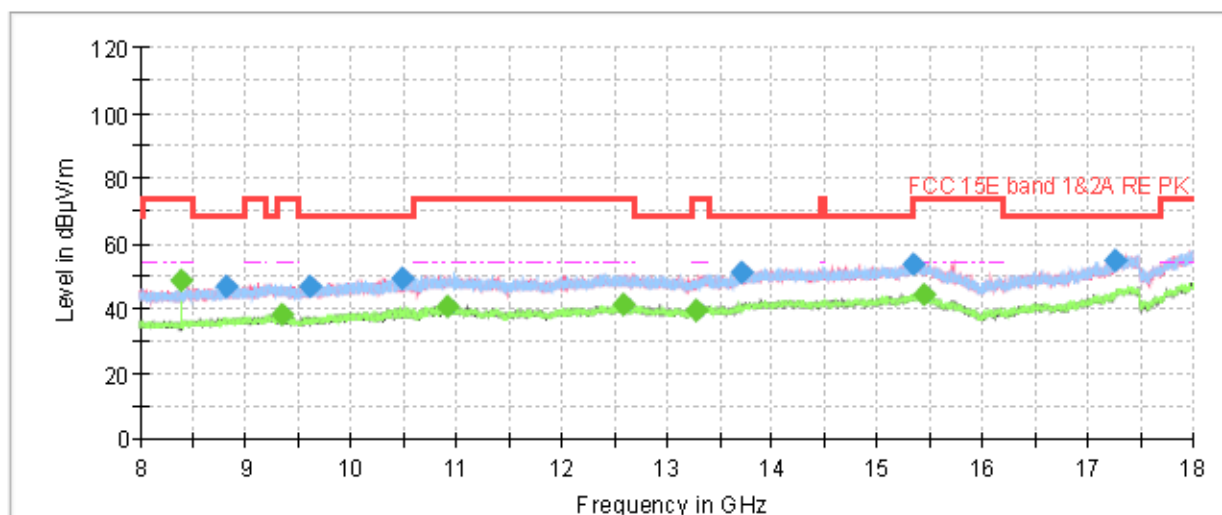
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1266.700000	35.52	---	68.20	32.68	1000.000	200.0	V	111.0	-19.9
1395.033333	---	26.44	54.00	27.56	1000.000	100.0	H	218.0	-19.6
1415.100000	---	25.85	54.00	28.15	1000.000	200.0	H	347.0	-19.4
1774.433333	36.01	---	68.20	32.19	1000.000	100.0	V	336.0	-18.6
2619.100000	38.10	---	68.20	30.10	1000.000	100.0	V	350.0	-16.1
2710.566667	---	28.19	54.00	25.81	1000.000	200.0	V	194.0	-16.1
3478.700000	38.90	---	68.20	29.30	1000.000	200.0	H	330.0	-14.7
3821.700000	---	28.72	54.00	25.28	1000.000	200.0	H	175.0	-14.0
4452.866667	39.04	---	68.20	29.16	1000.000	100.0	V	299.0	-9.6
5124.400000	---	44.84	54.00	9.16	1000.000	200.0	V	303.0	-9.5
7733.300000	---	36.22	54.00	17.78	1000.000	100.0	V	358.0	-3.7
7907.366667	46.13	---	68.20	22.07	1000.000	100.0	V	122.0	-2.9

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

802.11a CH48



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



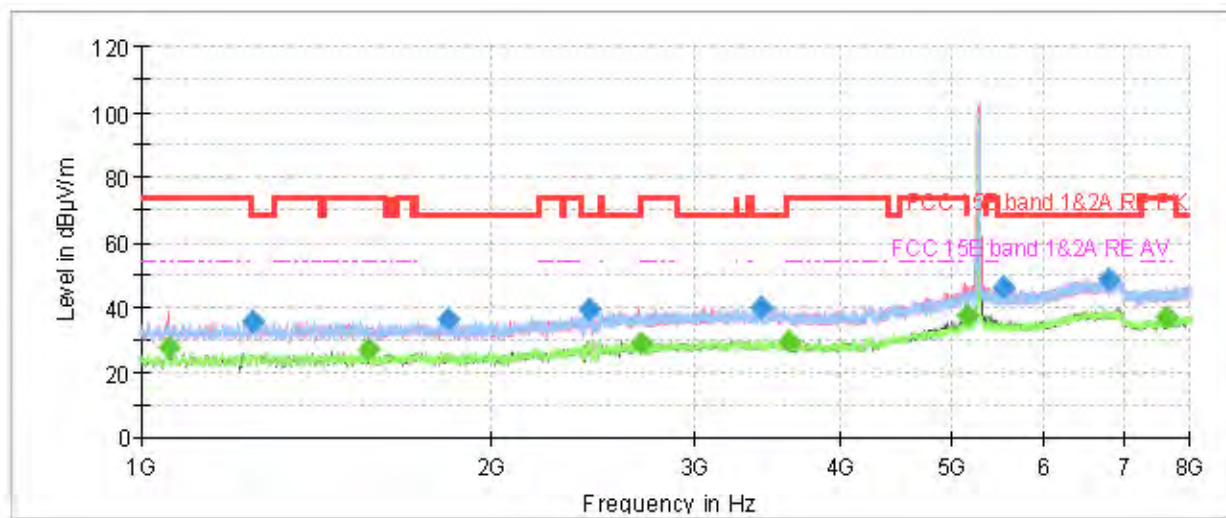
Radiates Emission from 8GHz to 18GHz



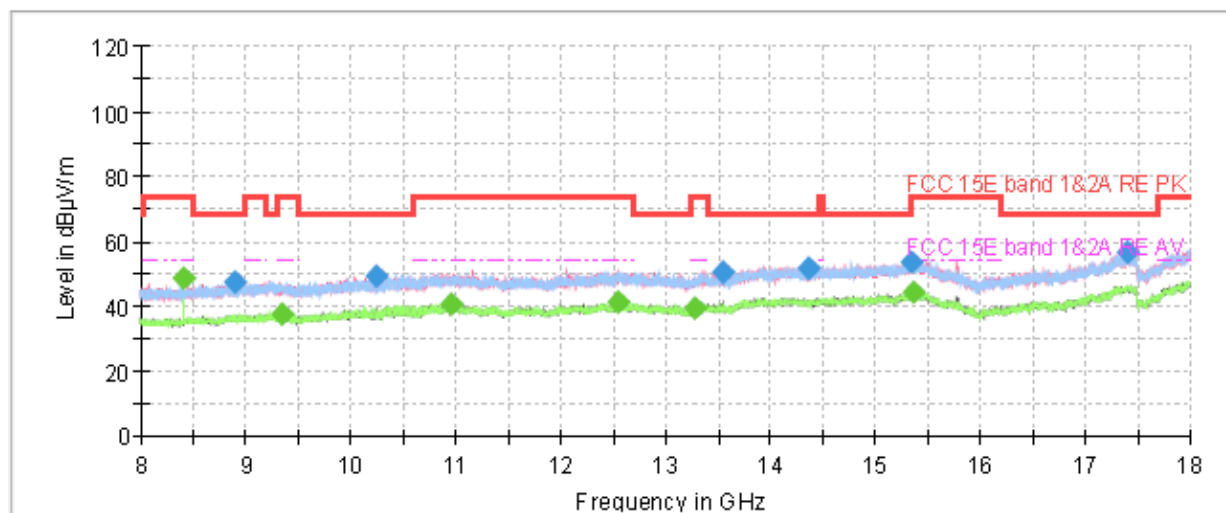
Frequency (MHz)	Peak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
1265.066667	34.96	---	68.20	33.24	1000.000	200.0	V	359.0	-20.0
1413.000000	---	25.40	54.00	28.60	1000.000	200.0	H	6.0	-19.4
1699.066667	---	25.58	54.00	28.42	1000.000	100.0	H	355.0	-18.6
1809.900000	35.23	---	68.20	32.97	1000.000	100.0	V	141.0	-18.5
2619.800000	37.25	---	68.20	30.95	1000.000	100.0	H	0.0	-16.1
2804.133333	---	27.94	54.00	26.06	1000.000	200.0	V	357.0	-16.0
3354.800000	---	29.15	54.00	24.85	1000.000	100.0	H	357.0	-14.9
3500.166667	38.38	---	68.20	29.82	1000.000	100.0	V	2.0	-14.6
4467.566667	39.51	---	68.20	28.69	1000.000	200.0	V	355.0	-11.5
5111.800000	---	44.12	54.00	9.88	1000.000	100.0	V	305.0	-9.6
7749.633333	---	36.05	54.00	17.95	1000.000	200.0	V	313.0	-3.6
7905.033333	45.66	---	68.20	22.54	1000.000	200.0	H	49.0	-2.9

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

802.11a CH52



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



Radiates Emission from 8GHz to 18GHz