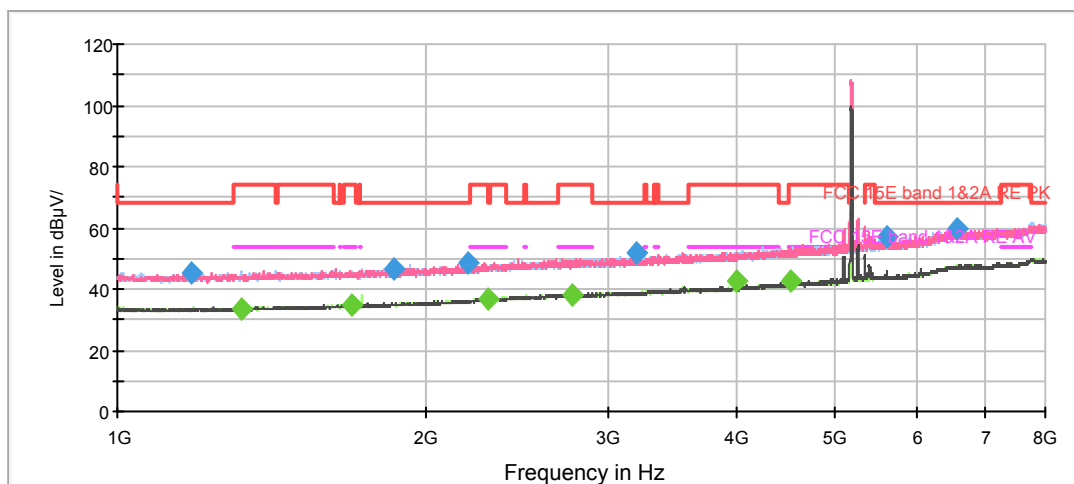
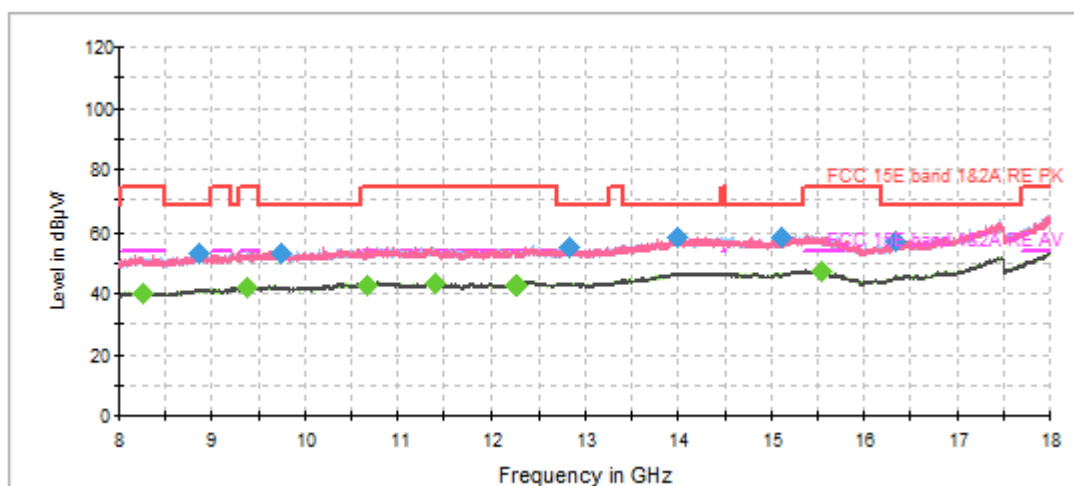


802.11a CH36



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



Radiates Emission from 8GHz to 18GHz

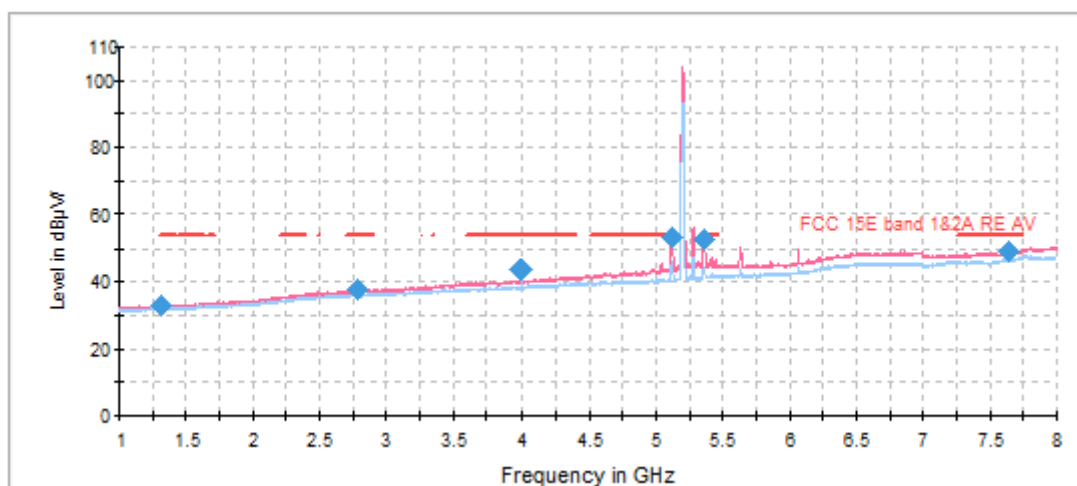
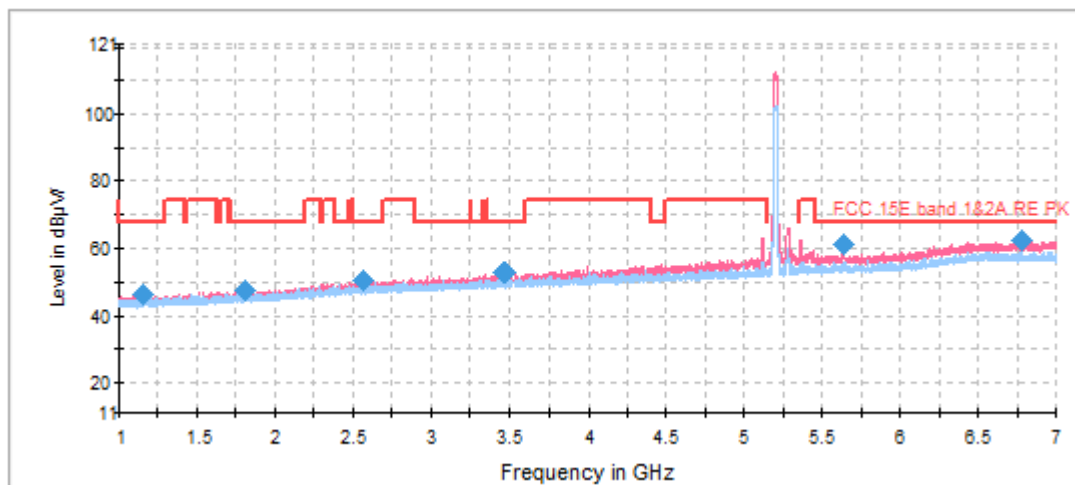
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1182.875000	45.5	100.0	V	5.0	-1.3	22.7	68.2
1855.750000	46.8	200.0	H	116.0	0.8	21.4	68.2
2192.625000	48.2	200.0	V	356.0	2.2	20.0	68.2
3205.875000	51.6	200.0	H	1.0	5.3	16.6	68.2
5611.250000	57.1	200.0	V	358.0	11.4	11.1	68.2
6558.875000	59.5	100.0	V	18.0	15.0	8.7	68.2

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

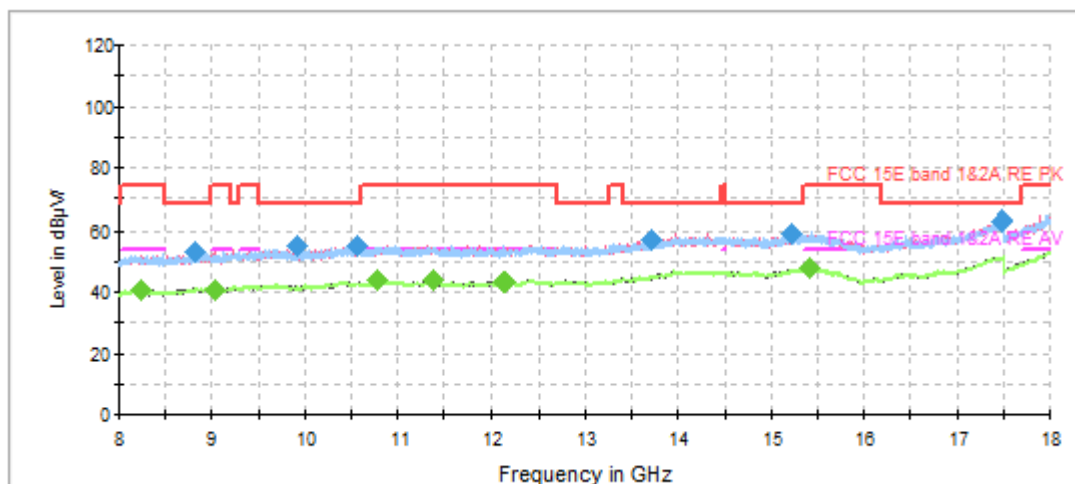
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1319.375000	33.8	100.0	V	0.0	-0.9	20.2	54.0
1687.750000	34.7	100.0	V	213.0	0.4	19.3	54.0
2291.500000	36.8	200.0	V	155.0	2.7	17.2	54.0
2773.625000	37.7	100.0	H	0.0	4.2	16.3	54.0
4000.375000	42.9	200.0	H	277.0	7.3	11.1	54.0
4532.375000	42.3	200.0	V	0.0	8.8	11.7	54.0

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

802.11a CH40



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



Radiates Emission from 8GHz to 18GHz



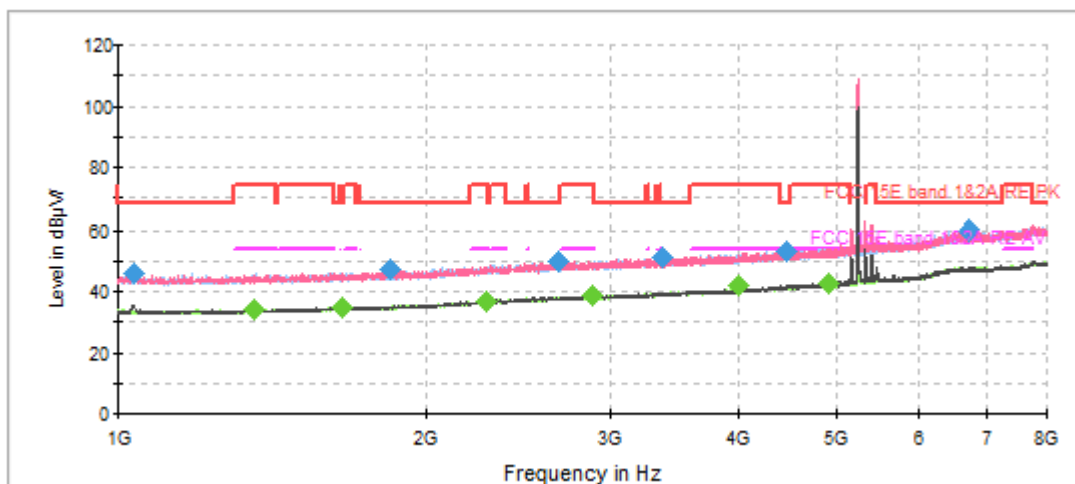
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1155.250000	46.3	100.0	V	68.0	-1.3	21.9	68.2
1804.750000	47.5	200.0	V	177.0	0.6	20.7	68.2
2567.500000	50.4	100.0	V	57.0	3.7	17.8	68.2
3464.500000	52.9	100.0	V	295.0	6.0	15.3	68.2
5632.750000	61.4	200.0	V	351.0	11.4	6.8	68.2
6781.750000	62.7	200.0	V	272.0	15.1	5.5	68.2

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

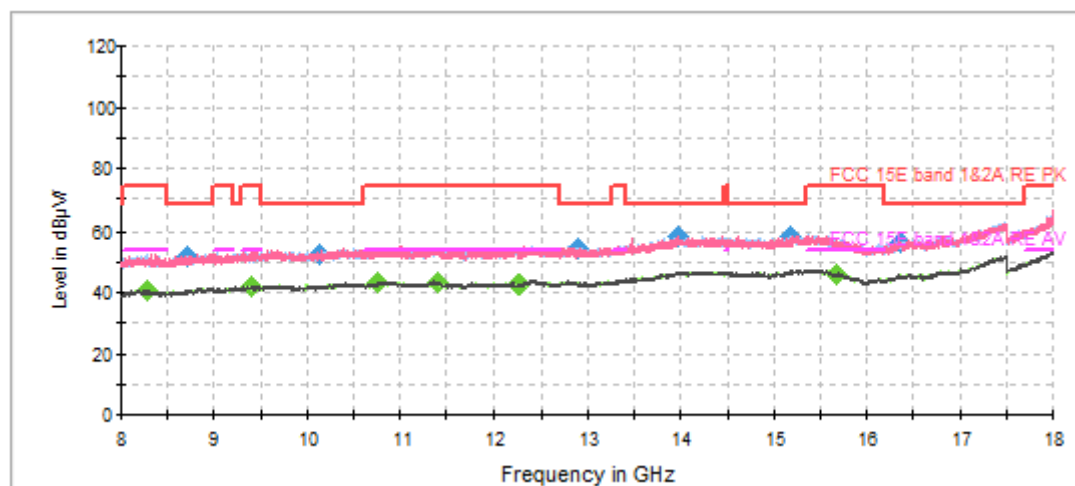
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1320.250000	33.0	200.0	V	0.0	-0.9	21.0	54.0
2789.375000	37.9	100.0	V	318.0	4.3	16.1	54.0
3999.500000	43.8	200.0	H	110.0	7.3	10.2	54.0
5118.625000	53.6	200.0	V	19.0	10.0	0.4	54.0
5358.375000	52.6	200.0	V	249.0	10.7	1.4	54.0
7643.875000	49.0	100.0	V	68.0	16.6	5.0	54.0

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

802.11a CH48



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



Radiates Emission from 8GHz to 18GHz

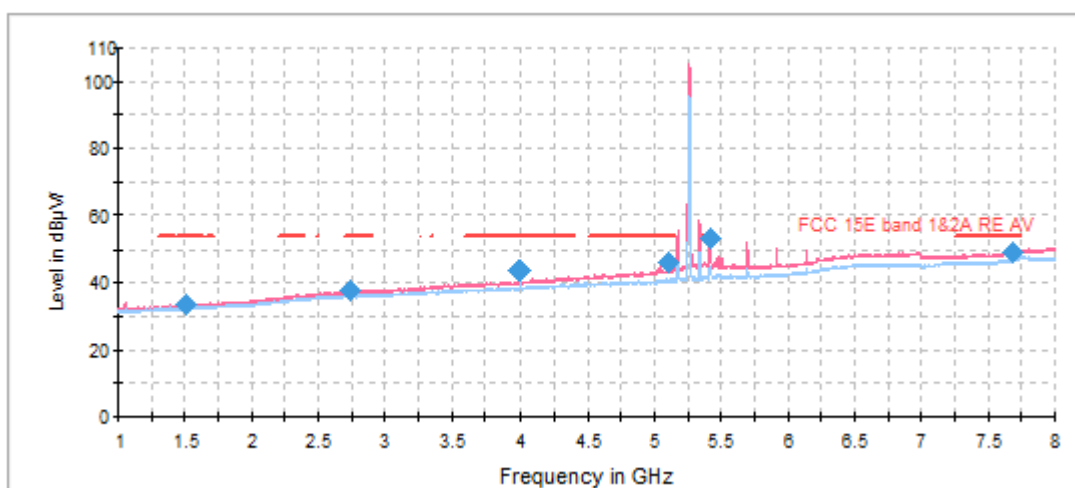
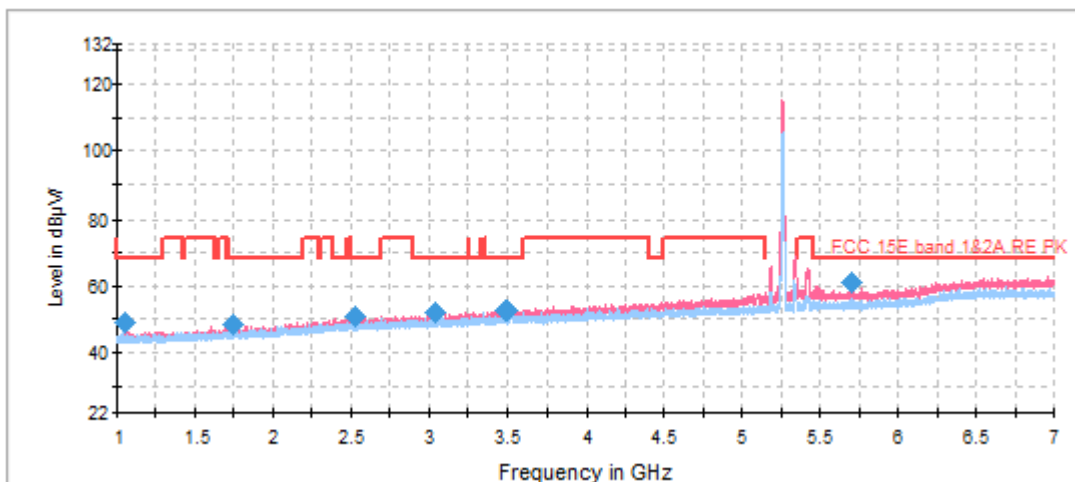
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1035.000000	46.2	200.0	V	207.0	-1.7	22.0	68.2
1838.250000	47.0	200.0	H	142.0	0.7	21.2	68.2
2670.375000	50.0	100.0	H	250.0	3.9	18.2	68.2
3371.250000	51.3	200.0	V	0.0	5.7	16.9	68.2
4453.625000	52.9	200.0	V	172.0	8.7	15.3	68.2
6712.875000	59.7	200.0	H	150.0	15.0	8.5	68.2

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

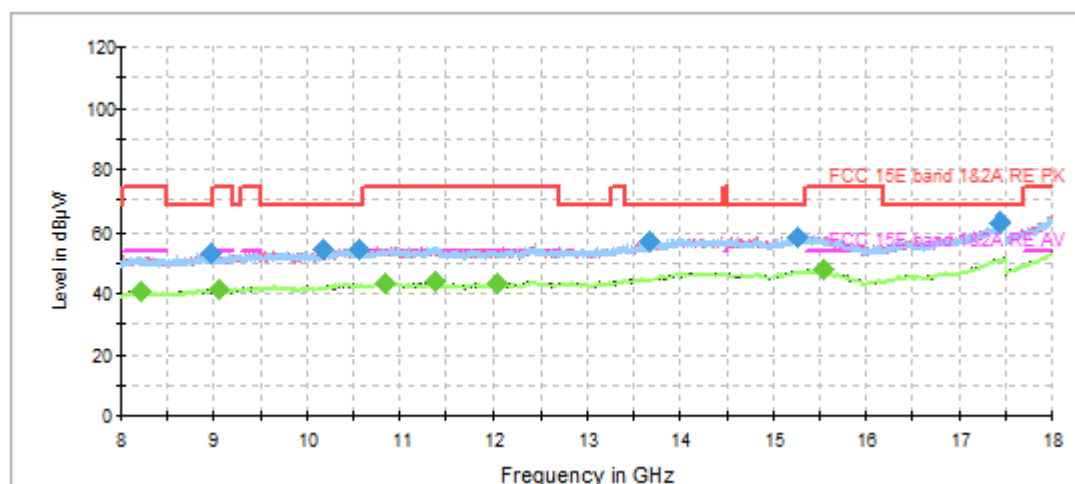
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1356.125000	33.9	100.0	V	31.0	-0.9	20.1	54.0
1655.375000	35.0	200.0	V	172.0	0.2	19.0	54.0
2282.750000	36.8	200.0	V	207.0	2.7	17.2	54.0
2880.375000	38.4	200.0	V	0.0	4.5	15.6	54.0
3999.500000	42.2	200.0	H	0.0	7.3	11.8	54.0
4902.500000	42.6	100.0	V	2.0	9.5	11.4	54.0

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

802.11a CH52



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



Radiates Emission from 8GHz to 18GHz



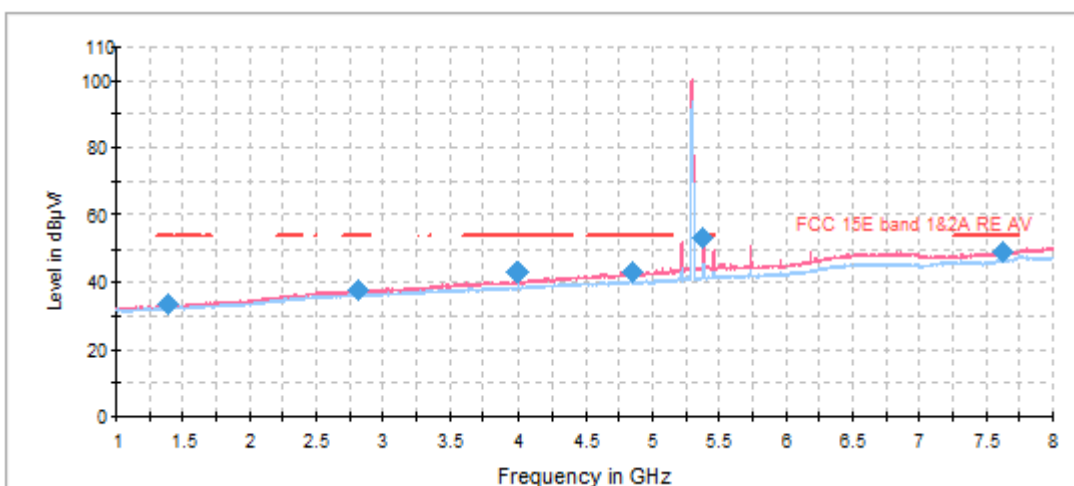
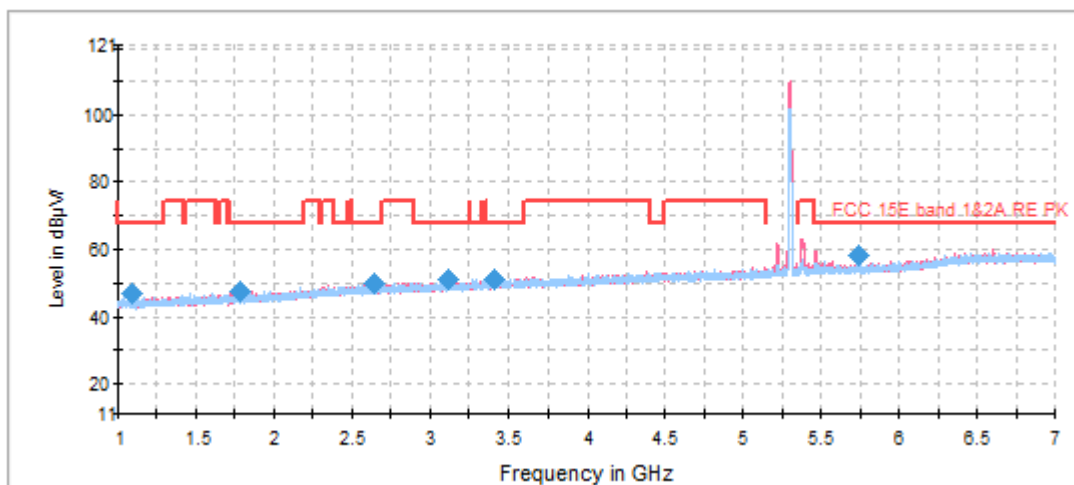
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1053.250000	49.0	100.0	V	26.0	-1.6	19.2	68.2
1744.000000	48.2	200.0	V	280.0	0.5	20.0	68.2
2527.750000	50.7	200.0	V	180.0	3.7	17.5	68.2
3049.000000	51.9	200.0	V	343.0	4.9	16.3	68.2
3494.500000	52.9	100.0	V	338.0	6.0	15.3	68.2
5698.750000	60.9	200.0	V	0.0	11.4	7.3	68.2

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

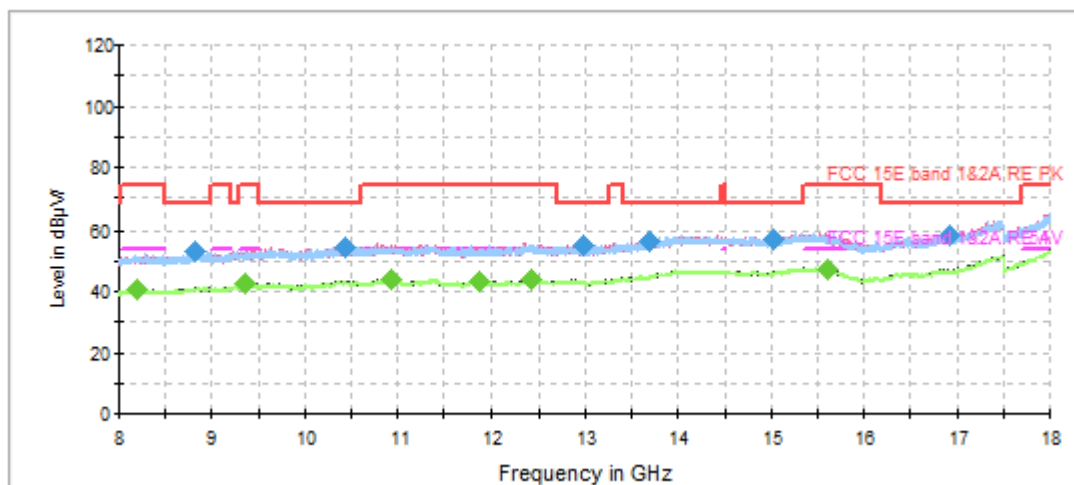
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1502.250000	33.5	200.0	V	0.0	-0.4	20.5	54.0
2743.875000	37.8	200.0	V	0.0	4.1	16.2	54.0
3999.500000	44.1	200.0	H	108.0	7.3	9.9	54.0
5102.000000	46.3	200.0	V	20.0	9.9	7.7	54.0
5421.375000	53.7	200.0	V	250.0	11.0	0.3	54.0
7683.250000	49.1	100.0	V	270.0	16.8	4.9	54.0

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

802.11a CH60



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



Radiates Emission from 8GHz to 18GHz



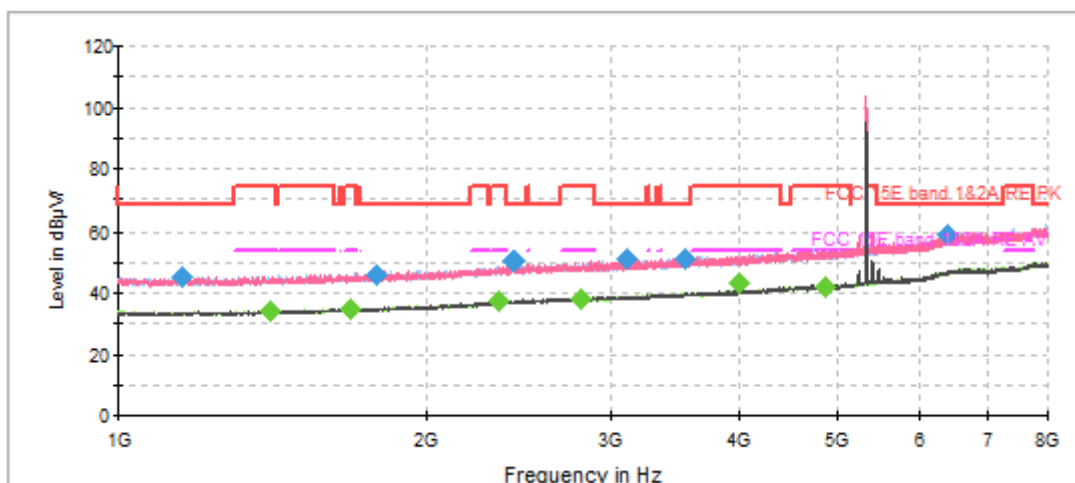
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1093.000000	47.1	200.0	V	1.0	-1.4	21.1	68.2
1783.750000	48.0	200.0	H	212.0	0.6	20.2	68.2
2644.000000	50.1	200.0	H	344.0	3.9	18.1	68.2
3116.500000	51.1	200.0	H	297.0	5.0	17.1	68.2
3411.250000	51.0	100.0	H	105.0	5.8	17.2	68.2
5741.500000	58.5	200.0	V	2.0	11.5	9.7	68.2

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

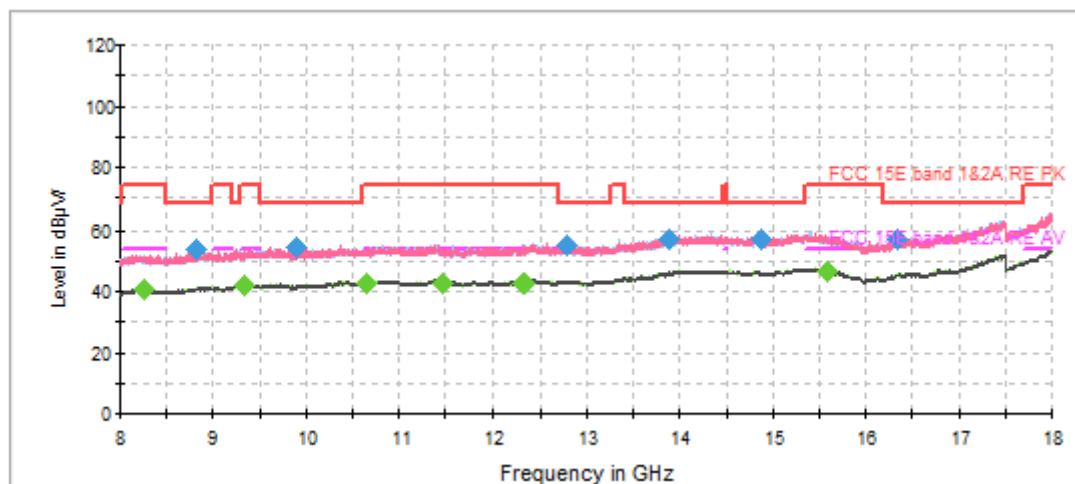
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1393.750000	33.4	200.0	V	0.0	-0.7	20.6	54.0
2808.625000	37.7	200.0	V	124.0	4.3	16.3	54.0
3999.500000	43.3	100.0	H	61.0	7.3	10.7	54.0
4858.750000	43.2	200.0	V	84.0	9.5	10.8	54.0
5378.500000	53.7	200.0	V	0.0	10.8	0.3	54.0
7632.500000	49.0	200.0	V	0.0	16.6	5.0	54.0

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

802.11a CH64



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



Radiates Emission from 8GHz to 18GHz



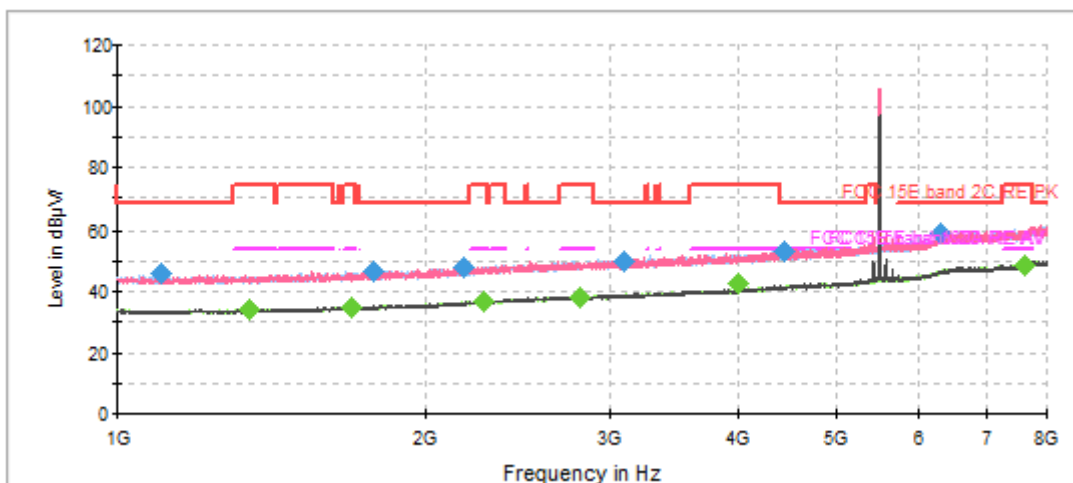
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1152.250000	45.0	100.0	V	22.0	-1.3	23.2	68.2
1783.125000	46.2	200.0	H	0.0	0.6	22.0	68.2
2419.250000	50.4	200.0	V	102.0	3.3	17.8	68.2
3117.500000	51.1	100.0	V	1.0	5.0	17.1	68.2
3543.625000	51.0	200.0	H	248.0	6.3	17.2	68.2
6386.500000	58.9	200.0	H	0.0	14.3	9.3	68.2

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

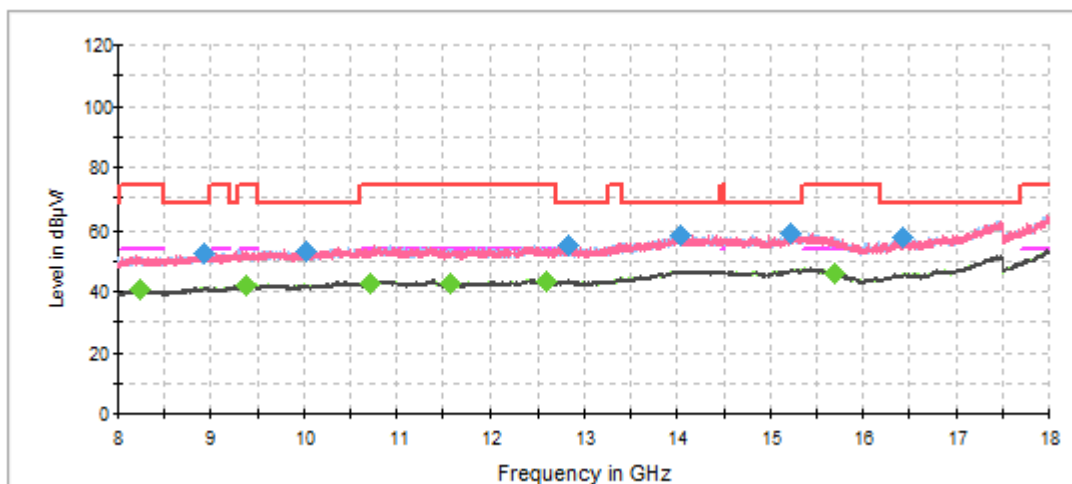
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1409.500000	34.3	100.0	H	256.0	-0.7	19.7	54.0
1683.375000	34.8	200.0	H	178.0	0.3	19.2	54.0
2349.250000	37.3	200.0	H	18.0	3.0	16.7	54.0
2805.125000	38.3	100.0	H	115.0	4.3	15.7	54.0
3999.500000	43.0	200.0	H	266.0	7.3	11.0	54.0
4863.125000	42.2	200.0	V	0.0	9.5	11.8	54.0

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

802.11a CH100



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



Radiates Emission from 8GHz to 18GHz



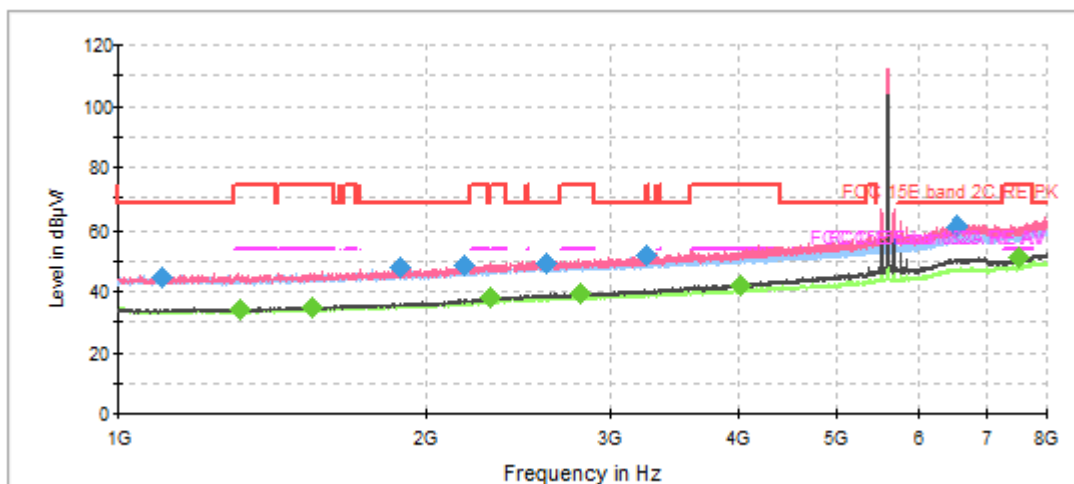
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1102.375000	45.7	100.0	V	0.0	-1.4	22.5	68.2
1776.125000	46.6	100.0	V	72.0	0.6	21.6	68.2
2178.625000	48.1	100.0	V	81.0	2.1	20.1	68.2
3100.875000	49.7	200.0	V	358.0	5.0	18.5	68.2
4432.625000	52.8	200.0	V	328.0	8.6	15.4	68.2
6313.875000	58.9	100.0	V	221.0	14.0	9.3	68.2

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

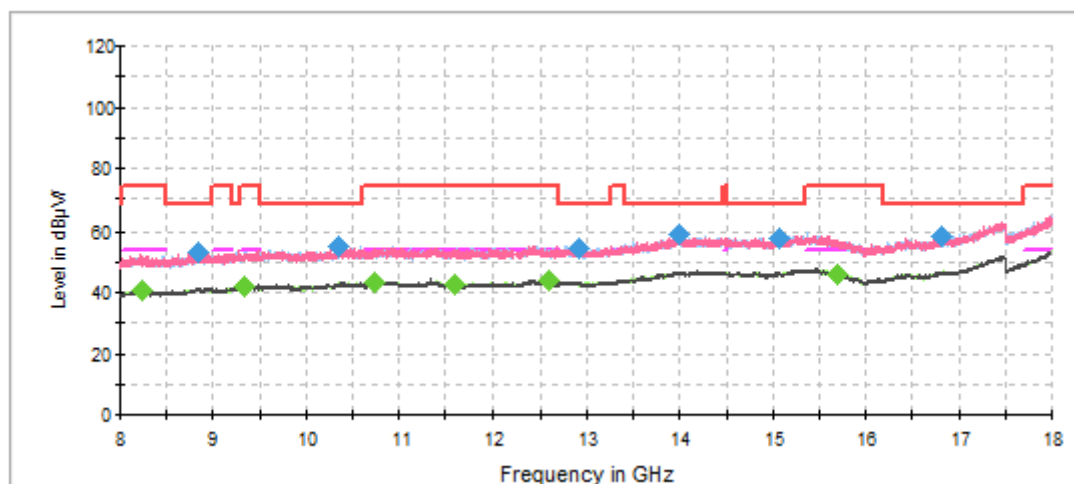
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1344.750000	33.8	100.0	V	0.0	-0.9	20.2	54.0
1694.750000	34.8	200.0	H	6.0	0.4	19.2	54.0
2275.750000	36.9	100.0	H	272.0	2.7	17.1	54.0
2806.875000	38.3	200.0	V	355.0	4.3	15.7	54.0
3999.500000	42.7	200.0	H	266.0	7.3	11.3	54.0
7618.500000	48.8	100.0	H	355.0	9.5	5.2	54.0

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

802.11a CH120



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



Radiates Emission from 8GHz to 18GHz



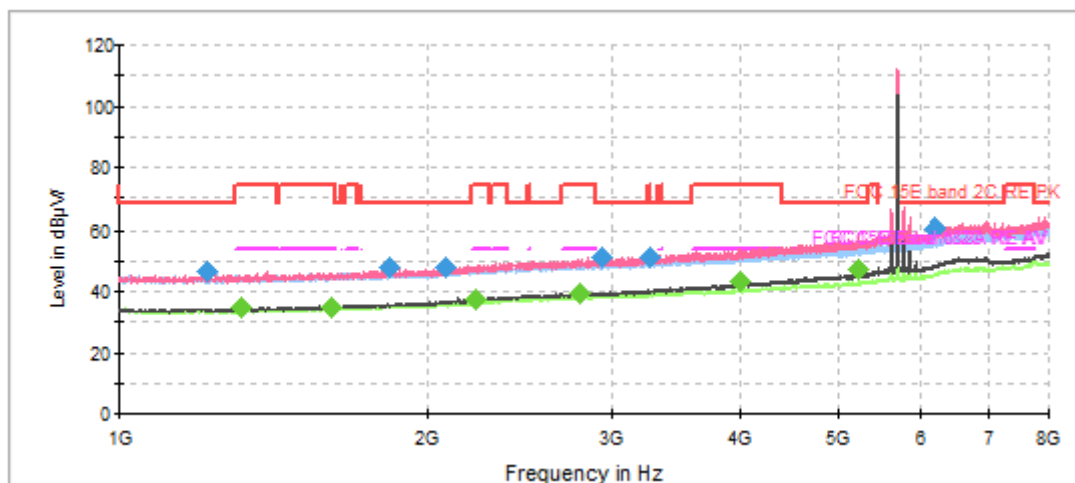
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1102.375000	44.6	100.0	V	1.0	-1.4	23.6	68.2
1882.875000	47.6	100.0	V	53.0	0.8	20.6	68.2
2175.125000	48.5	200.0	V	142.0	2.1	19.7	68.2
2608.250000	49.4	200.0	V	53.0	3.8	18.8	68.2
3257.500000	51.8	100.0	V	99.0	5.5	16.4	68.2
6522.125000	61.2	200.0	V	1.0	14.9	7.0	68.2

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

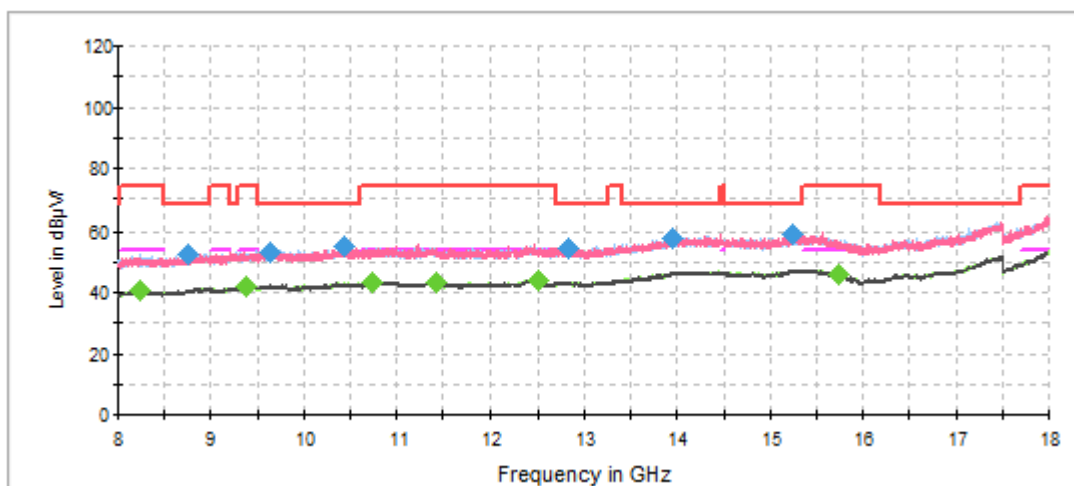
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1313.250000	34.2	100.0	V	153.0	-0.9	19.8	54.0
1546.000000	35.1	200.0	V	7.0	0.1	18.9	54.0
2305.500000	37.8	100.0	V	62.0	2.7	16.2	54.0
2808.625000	39.1	100.0	V	71.0	4.3	14.9	54.0
4019.625000	41.7	200.0	V	0.0	7.4	12.3	54.0
7524.875000	50.8	200.0	V	10.0	10.1	3.2	54.0

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

802.11a CH140



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



Radiates Emission from 8GHz to 18GHz



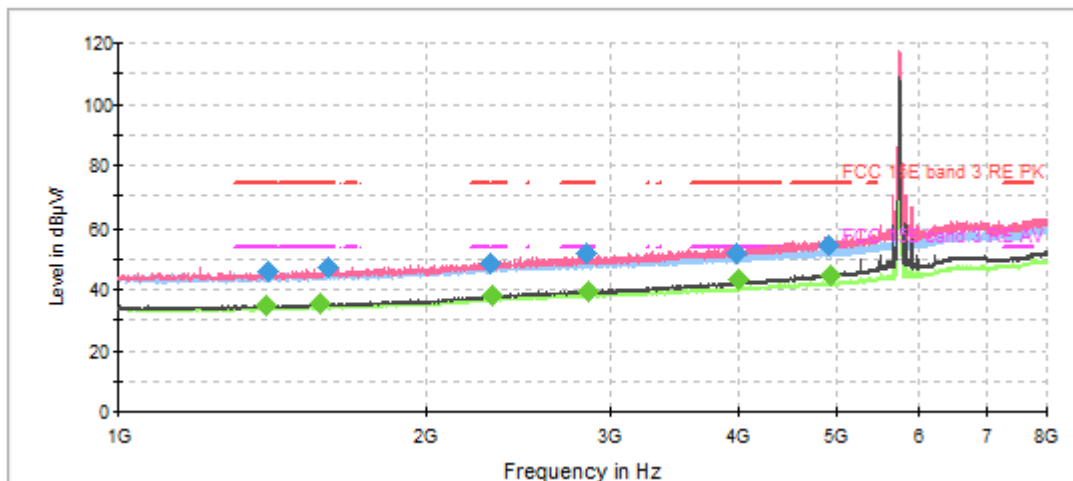
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1220.500000	46.6	200.0	V	356.0	-1.2	21.6	68.2
1834.750000	47.5	200.0	V	0.0	0.7	20.7	68.2
2079.750000	48.1	200.0	V	201.0	1.5	20.1	68.2
2933.750000	51.3	200.0	V	314.0	4.6	16.9	68.2
3274.125000	50.9	200.0	V	351.0	5.5	17.3	68.2
6187.000000	60.4	200.0	V	192.0	13.1	7.8	68.2

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

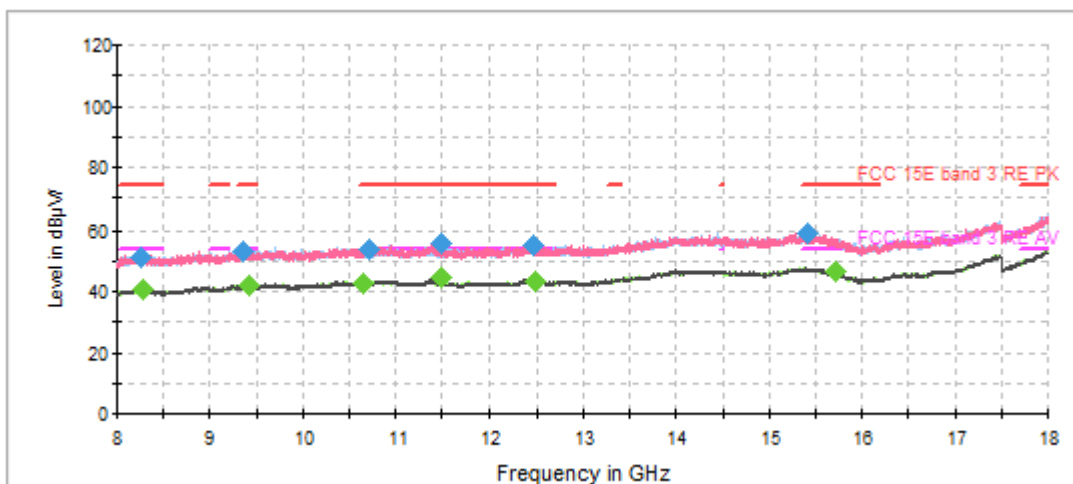
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1314.125000	35.0	200.0	V	0.0	-0.9	19.0	54.0
1611.625000	34.8	200.0	V	0.0	0.0	19.2	54.0
2221.500000	37.4	200.0	V	0.0	2.3	16.6	54.0
2796.375000	39.1	200.0	V	348.0	4.3	14.9	54.0
3999.500000	43.4	200.0	V	356.0	7.3	10.6	54.0
5224.500000	47.2	200.0	V	219.0	10.3	6.8	54.0

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

802.11a CH149



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



Radiates Emission from 8GHz to 18GHz



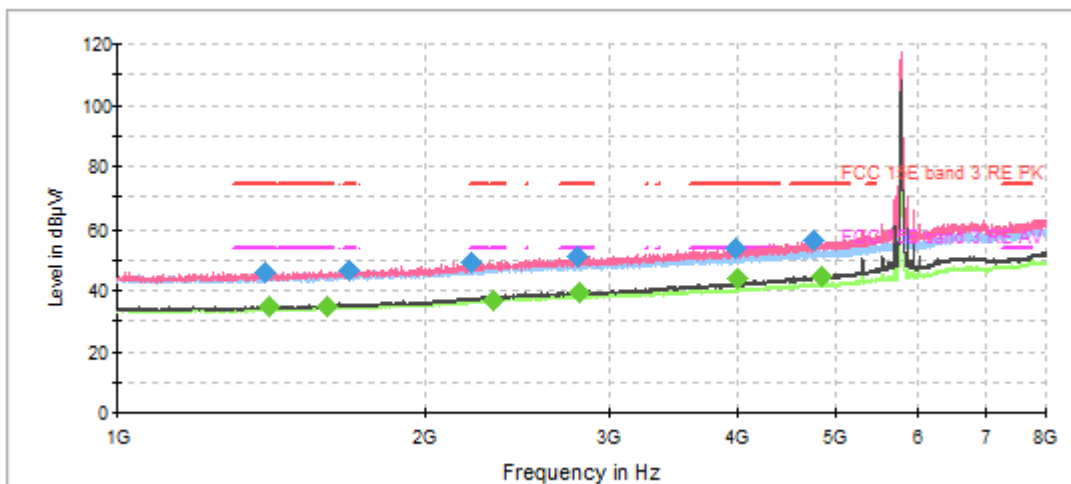
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1399.875000	45.9	100.0	V	136.0	-0.7	28.1	74.0
1602.875000	47.1	100.0	V	10.0	0.1	26.9	74.0
2302.000000	48.8	200.0	V	40.0	2.7	26.0	74.0
2845.375000	52.0	100.0	V	2.0	4.4	22.0	74.0
3980.250000	52.0	200.0	V	216.0	7.2	22.0	74.0
4901.625000	54.6	200.0	V	40.0	9.5	19.4	74.0

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

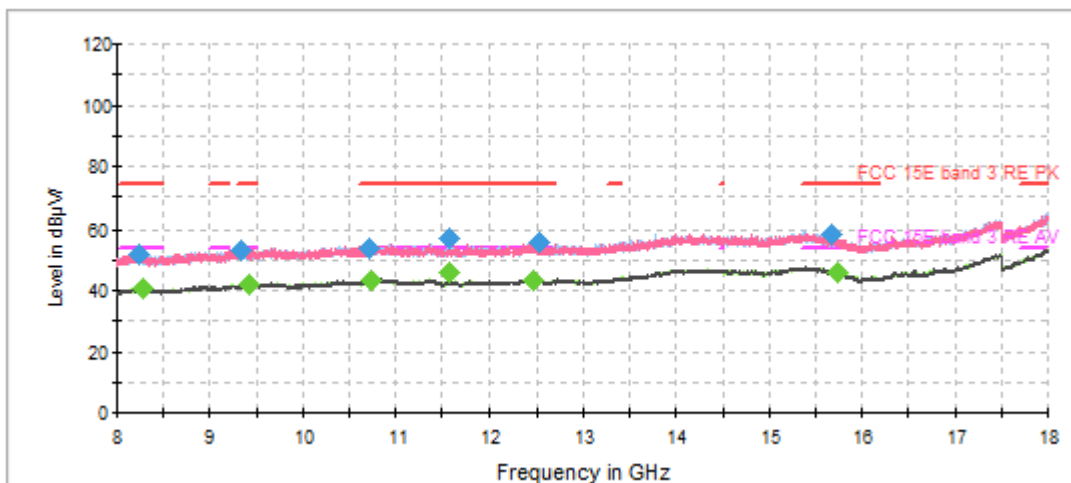
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1393.750000	34.6	100.0	V	171.0	-0.7	19.4	54.0
1574.000000	35.4	200.0	V	84.0	-0.1	18.6	54.0
2311.625000	38.0	200.0	V	7.0	2.8	16.0	54.0
2855.000000	39.2	100.0	V	127.0	4.4	14.8	54.0
4000.375000	43.3	100.0	V	145.0	7.3	10.7	54.0
4918.250000	44.8	100.0	V	10.0	9.5	9.2	54.0

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

802.11a CH157



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



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1395.500000	45.9	200.0	V	206.0	-0.7	28.1	74.0
1686.000000	46.3	100.0	H	158.0	0.3	27.7	74.0
2215.375000	49.3	100.0	V	224.0	2.3	24.7	74.0
2793.750000	50.9	100.0	V	224.0	4.3	23.1	74.0
3979.375000	54.0	200.0	V	67.0	7.2	20.0	74.0
4742.375000	56.4	200.0	V	41.0	9.2	17.6	74.0

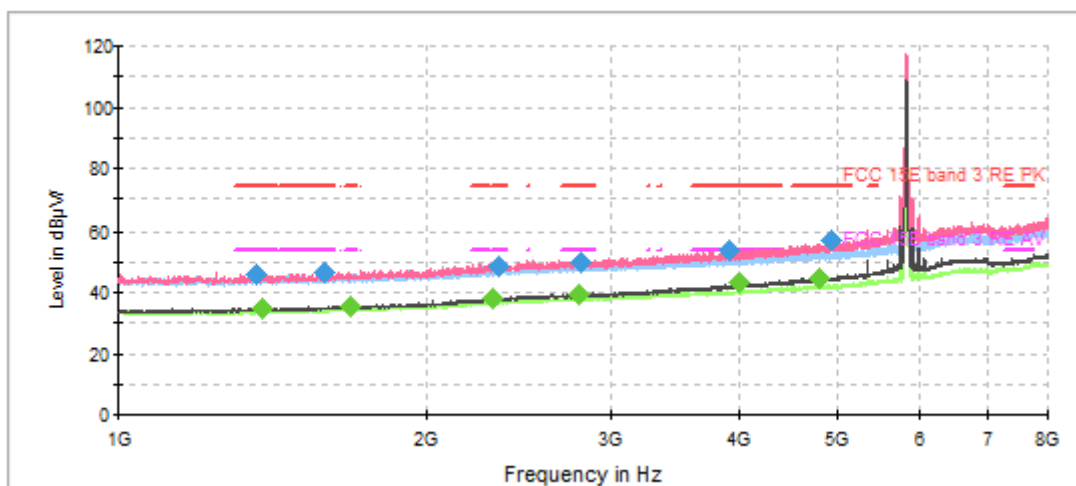
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



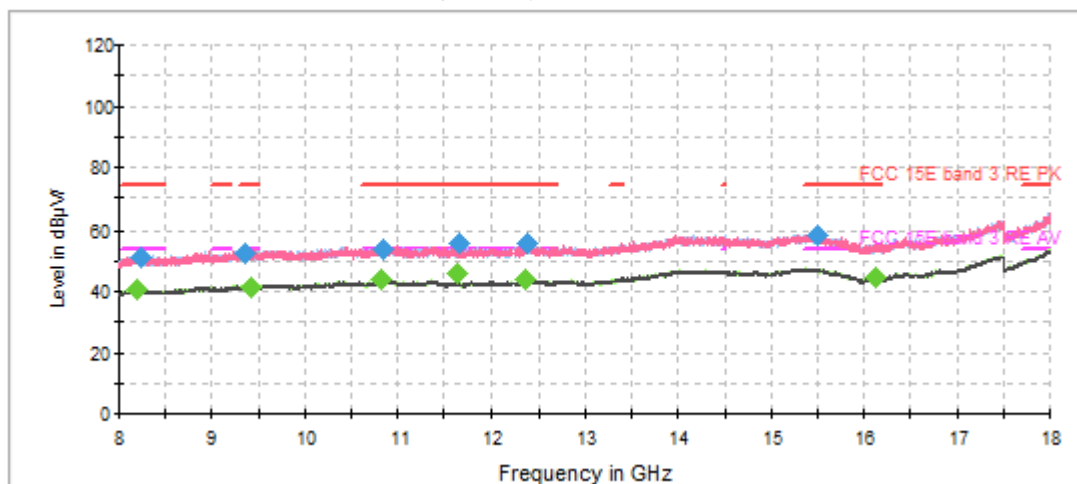
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1405.125000	34.8	100.0	V	7.0	-0.7	19.2	54.0
1602.000000	35.0	200.0	V	7.0	0.0	19.0	54.0
2324.750000	36.4	100.0	H	357.0	2.9	17.6	54.0
2803.375000	39.5	100.0	V	119.0	4.3	14.5	54.0
3999.500000	43.7	100.0	V	198.0	7.3	10.3	54.0
4835.125000	44.5	200.0	V	0.0	9.4	9.5	54.0

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

802.11a CH165



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



Radiates Emission from 8GHz to 18GHz

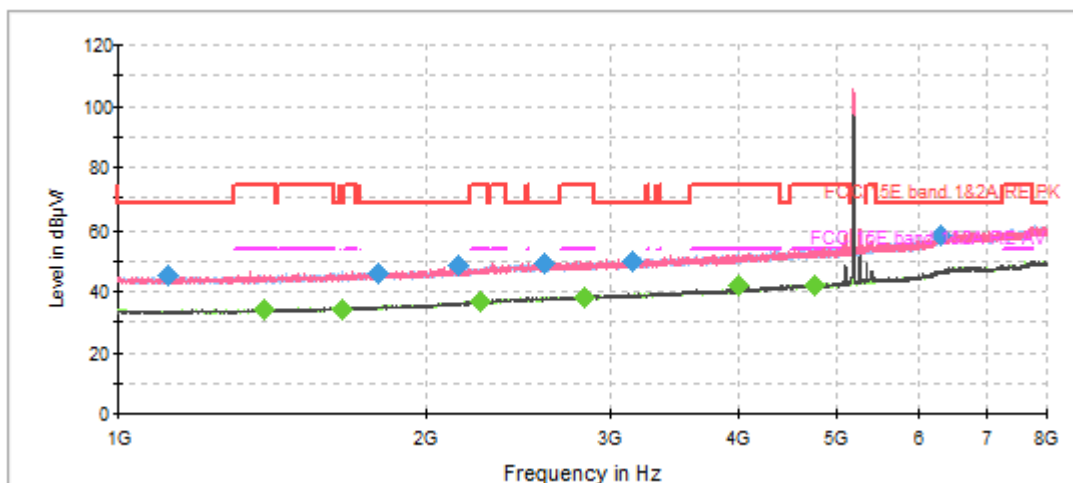
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1365.750000	45.7	100.0	V	287.0	-0.8	28.3	74.0
1589.750000	46.4	100.0	V	90.0	-0.1	27.6	74.0
2344.000000	48.5	200.0	H	168.0	3.0	25.5	74.0
2809.500000	49.8	100.0	V	169.0	4.3	24.2	74.0
3908.500000	53.9	200.0	V	31.0	7.1	20.1	74.0
4920.875000	56.9	200.0	V	82.0	9.5	17.1	74.0

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

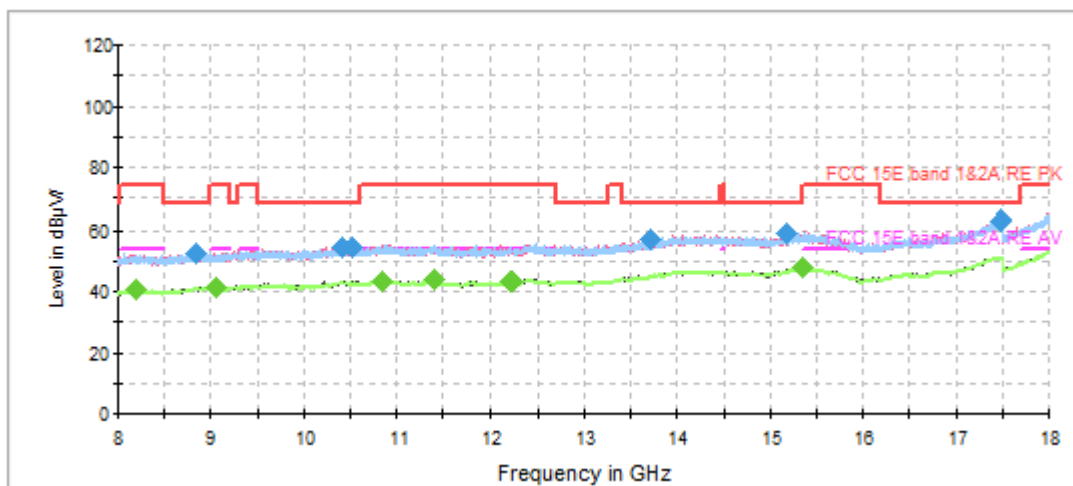
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1383.250000	34.8	200.0	V	0.0	-0.7	19.2	54.0
1680.750000	35.3	100.0	V	0.0	0.3	18.7	54.0
2318.625000	38.2	100.0	V	109.0	2.8	15.8	54.0
2792.000000	39.5	100.0	V	39.0	4.3	14.5	54.0
3999.500000	43.4	200.0	V	0.0	7.3	10.6	54.0
4794.875000	44.5	100.0	V	0.0	9.3	9.5	54.0

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

802.11n (HT20) CH36



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



Radiates Emission from 8GHz to 18GHz

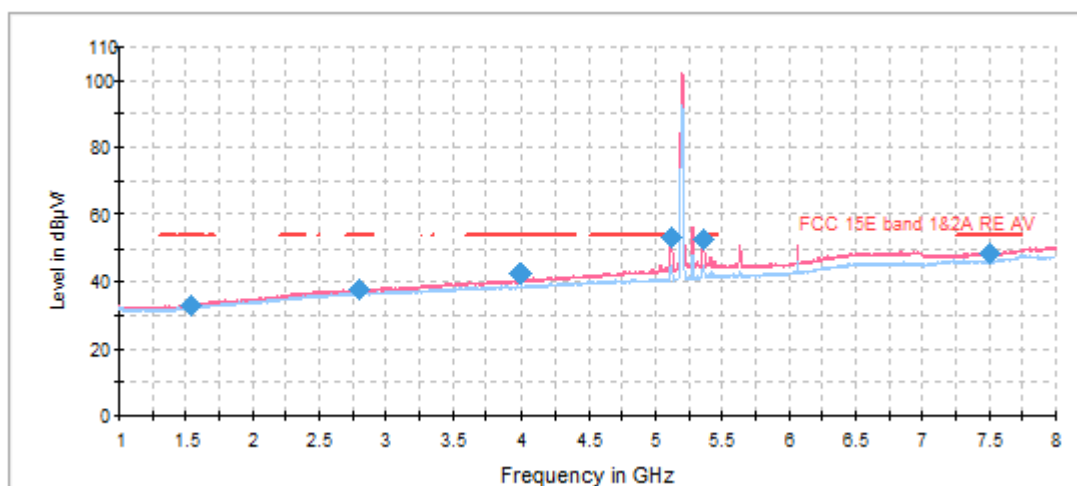
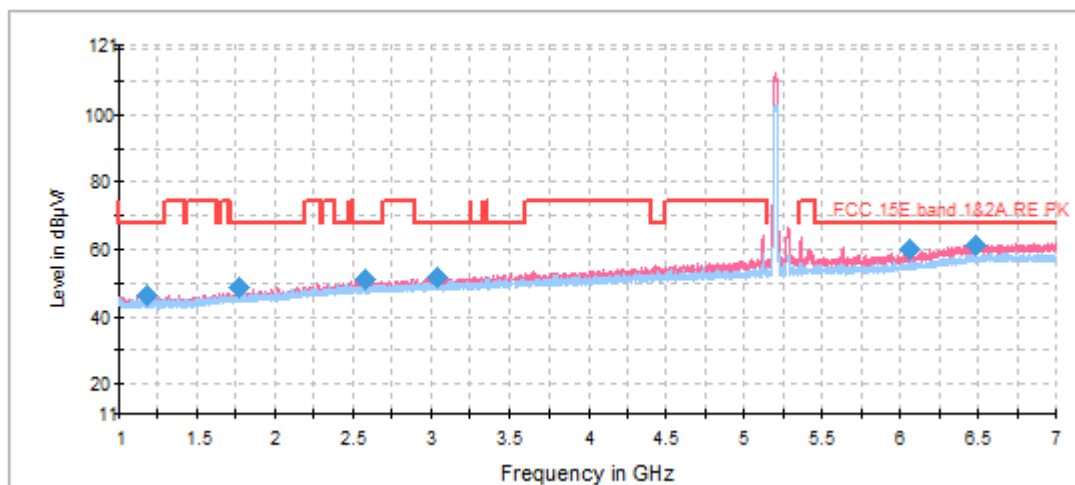
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1118.125000	45.3	100.0	H	244.0	-1.4	22.9	68.2
1795.375000	46.1	100.0	H	355.0	0.6	22.1	68.2
2143.625000	48.3	200.0	V	328.0	1.9	19.9	68.2
2592.500000	49.3	200.0	V	358.0	3.8	18.9	68.2
3162.125000	49.7	100.0	H	336.0	5.2	18.5	68.2
6307.750000	58.2	100.0	V	72.0	13.9	10.0	68.2

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

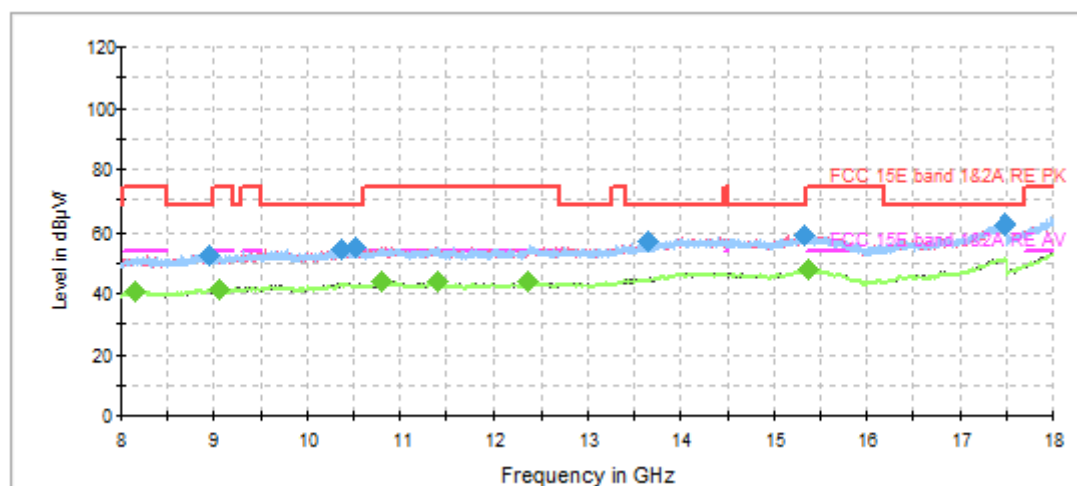
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1389.375000	34.3	200.0	H	212.0	-0.7	19.7	54.0
1653.625000	34.1	100.0	H	113.0	0.2	19.9	54.0
2255.625000	36.7	100.0	H	192.0	2.5	17.3	54.0
2828.750000	38.2	100.0	V	64.0	4.4	15.8	54.0
3999.500000	42.2	200.0	H	2.0	7.3	11.8	54.0
4750.250000	42.1	200.0	V	0.0	9.2	11.9	54.0

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

802.11n (HT20) CH40



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



Radiates Emission from 8GHz to 18GHz



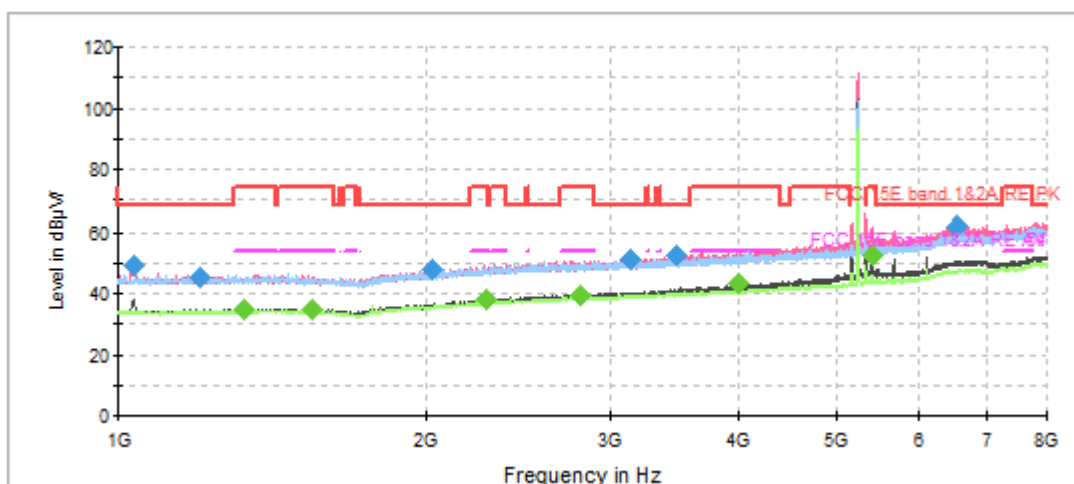
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1175.500000	46.3	200.0	H	0.0	-1.3	21.9	68.2
1766.500000	48.9	100.0	H	167.0	0.5	19.3	68.2
2580.250000	51.1	200.0	V	213.0	3.8	17.1	68.2
3047.500000	51.7	200.0	V	213.0	4.9	16.5	68.2
6067.000000	60.6	200.0	V	20.0	12.4	7.6	68.2
6491.500000	61.7	200.0	V	351.0	14.8	6.5	68.2

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

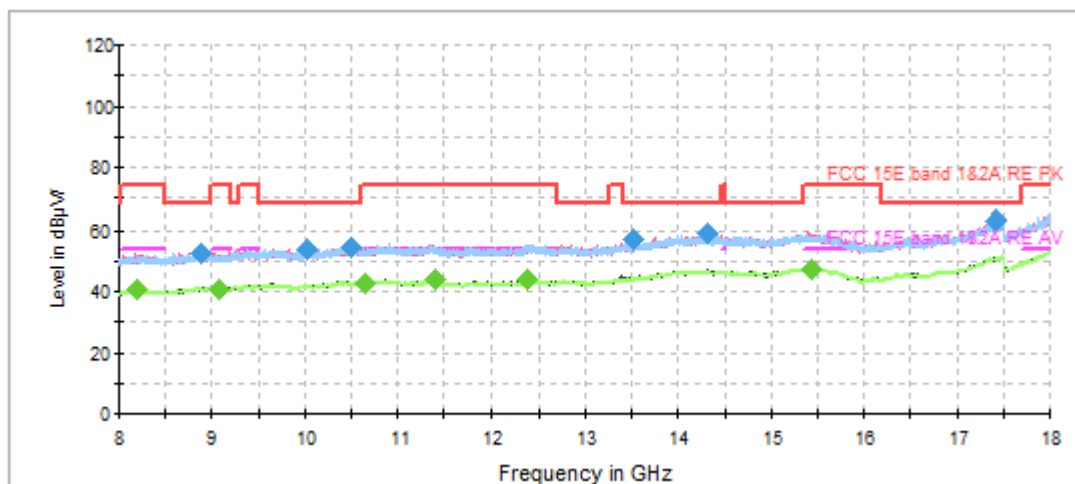
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1534.625000	33.2	100.0	V	0.0	-0.3	20.8	54.0
2803.375000	37.9	100.0	V	0.0	4.3	16.1	54.0
4000.375000	42.4	100.0	H	50.0	7.3	11.6	54.0
5128.250000	53.5	200.0	V	19.0	10.0	0.5	54.0
5358.375000	52.7	200.0	V	250.0	10.7	1.3	54.0
7501.250000	48.5	200.0	V	128.0	16.0	5.5	54.0

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

802.11n (HT20) CH48



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



Radiates Emission from 8GHz to 18GHz

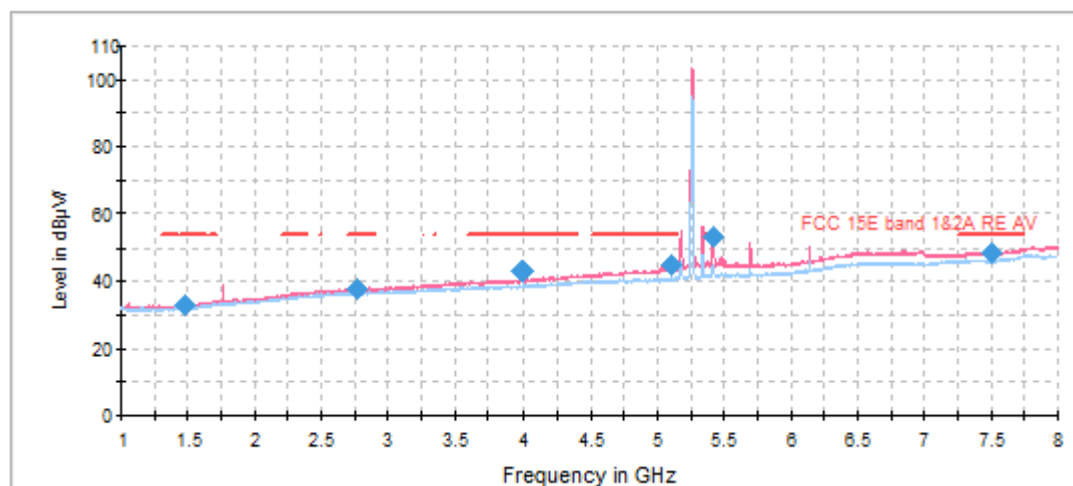
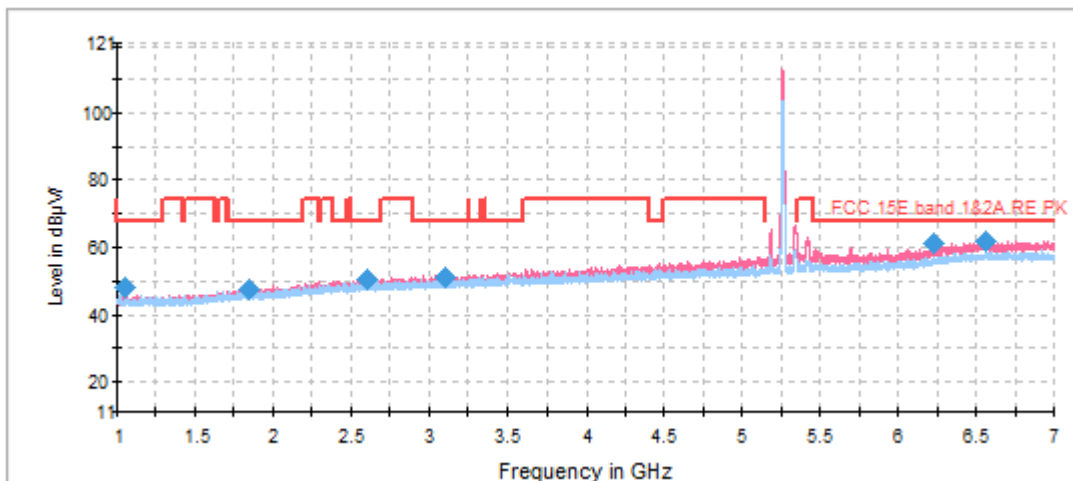
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1036.750000	48.9	200.0	V	0.0	-1.7	19.3	68.2
1202.125000	45.4	200.0	V	3.0	-1.2	22.8	68.2
2025.500000	48.0	200.0	V	8.0	1.2	20.2	68.2
3145.500000	51.4	100.0	V	359.0	5.1	16.8	68.2
3486.750000	52.3	200.0	V	5.0	6.0	15.9	68.2
6550.125000	61.8	200.0	V	12.0	15.0	6.4	68.2

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

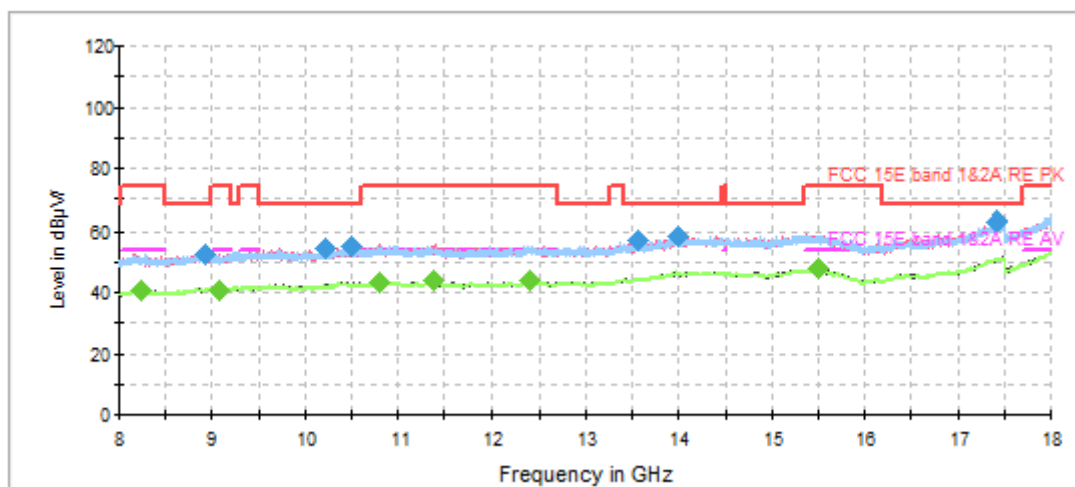
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1329.875000	34.5	200.0	V	8.0	-0.9	19.5	54.0
1545.125000	34.8	200.0	V	8.0	-0.2	19.2	54.0
2289.750000	38.0	200.0	V	18.0	2.7	16.0	54.0
2805.125000	39.6	200.0	V	5.0	4.3	14.4	54.0
4000.375000	43.5	200.0	H	192.0	7.3	10.5	54.0
5401.250000	52.6	200.0	V	267.0	10.9	1.4	54.0

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

802.11n (HT20) CH52



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



Radiates Emission from 8GHz to 18GHz



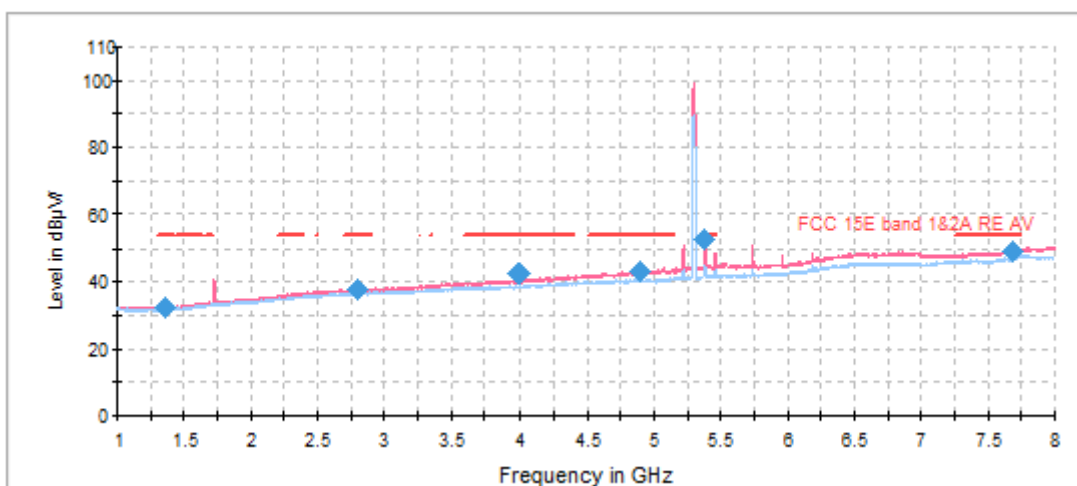
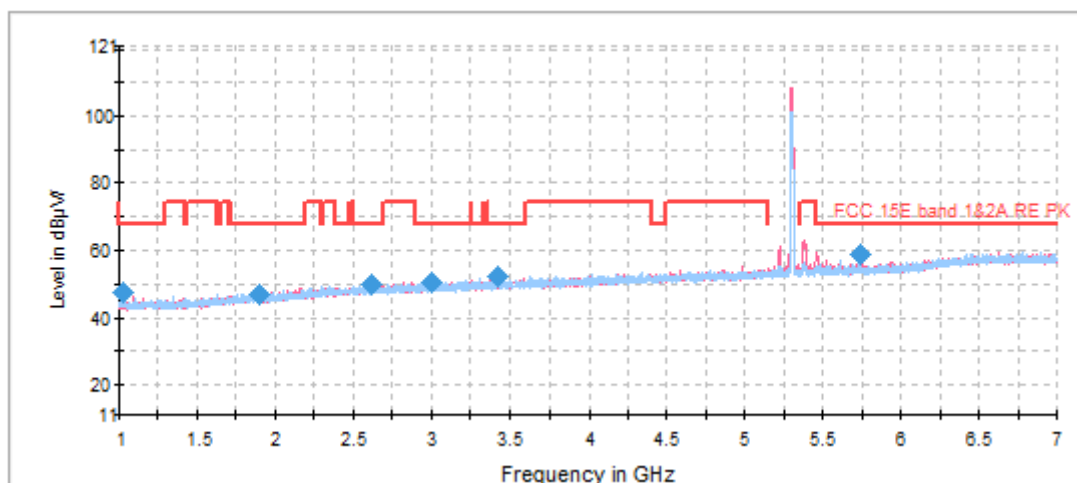
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1054.750000	48.1	100.0	V	336.0	-1.6	20.1	68.2
1844.500000	47.8	200.0	V	132.0	0.7	20.4	68.2
2608.750000	50.6	200.0	V	8.0	3.8	17.6	68.2
3106.000000	51.4	200.0	V	288.0	5.0	16.8	68.2
6235.000000	61.5	200.0	V	0.0	13.4	6.7	68.2
6568.000000	61.9	200.0	V	100.0	15.0	6.3	68.2

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

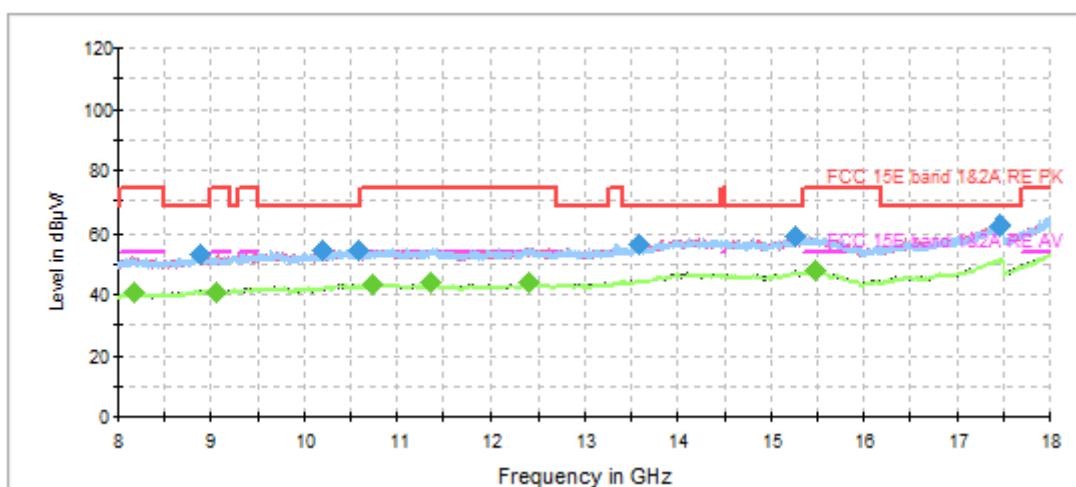
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1483.000000	33.2	200.0	V	208.0	-0.5	20.8	54.0
2767.500000	38.0	200.0	V	0.0	4.2	16.0	54.0
4000.375000	43.4	200.0	H	201.0	7.3	10.6	54.0
5102.000000	45.2	200.0	V	19.0	9.9	8.8	54.0
5418.750000	53.2	200.0	V	248.0	11.0	0.8	54.0
7512.625000	48.7	200.0	V	0.0	16.1	5.3	54.0

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

802.11n (HT20) CH60



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



Radiates Emission from 8GHz to 18GHz



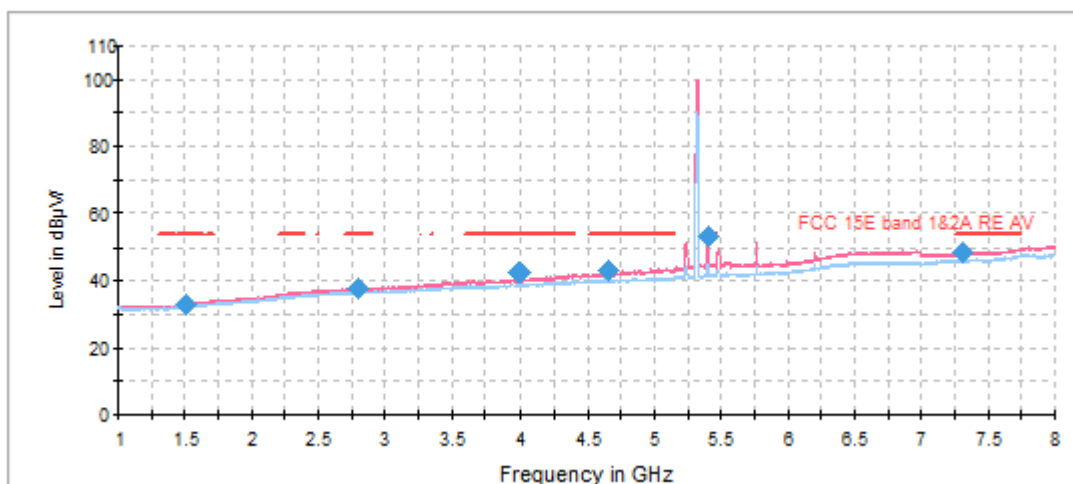
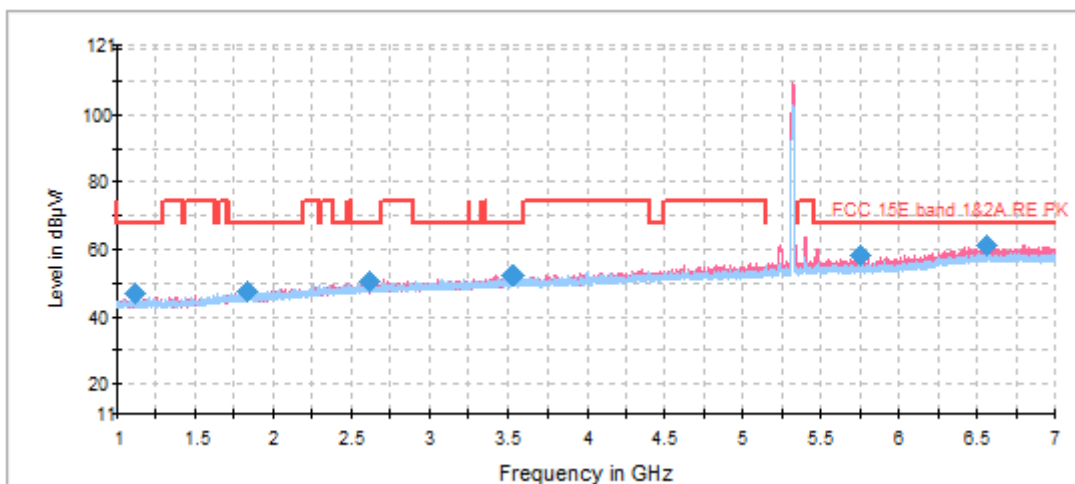
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1027.750000	47.7	200.0	H	73.0	-1.8	20.5	68.2
1893.250000	47.2	100.0	V	0.0	0.9	21.0	68.2
2620.750000	49.8	200.0	V	322.0	3.8	18.4	68.2
3010.000000	50.8	200.0	V	0.0	4.8	17.4	68.2
3430.750000	52.8	100.0	H	100.0	5.9	15.4	68.2
5742.250000	58.9	200.0	V	80.0	11.5	9.3	68.2

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

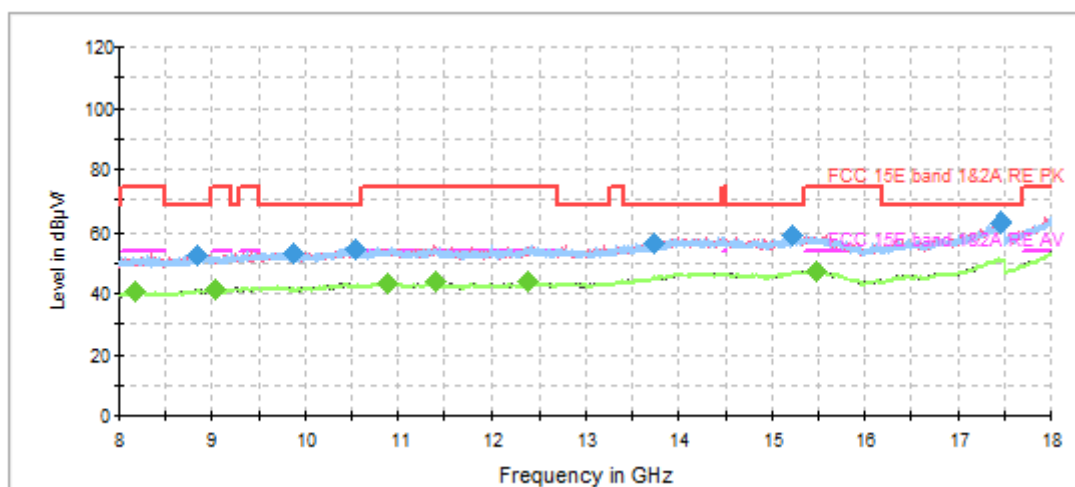
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1357.875000	32.8	200.0	V	249.0	-0.9	21.2	54.0
2793.750000	38.0	200.0	V	0.0	4.3	16.0	54.0
3999.500000	42.8	200.0	H	190.0	7.3	11.2	54.0
4895.500000	43.5	200.0	V	249.0	9.6	10.5	54.0
5379.375000	53.2	200.0	V	0.0	10.8	0.8	54.0
7685.875000	49.4	200.0	V	18.0	16.9	4.6	54.0

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

802.11n (HT20) CH64



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



Radiates Emission from 8GHz to 18GHz



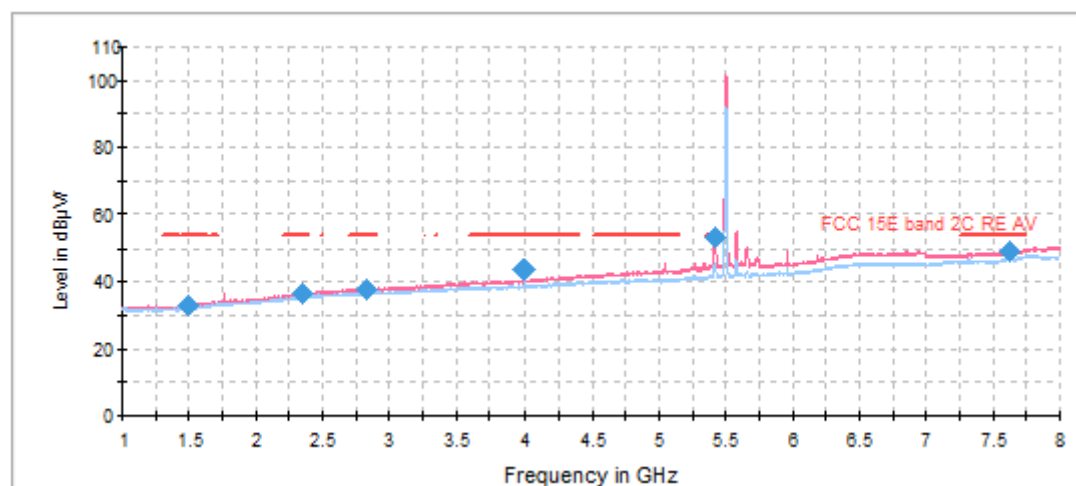
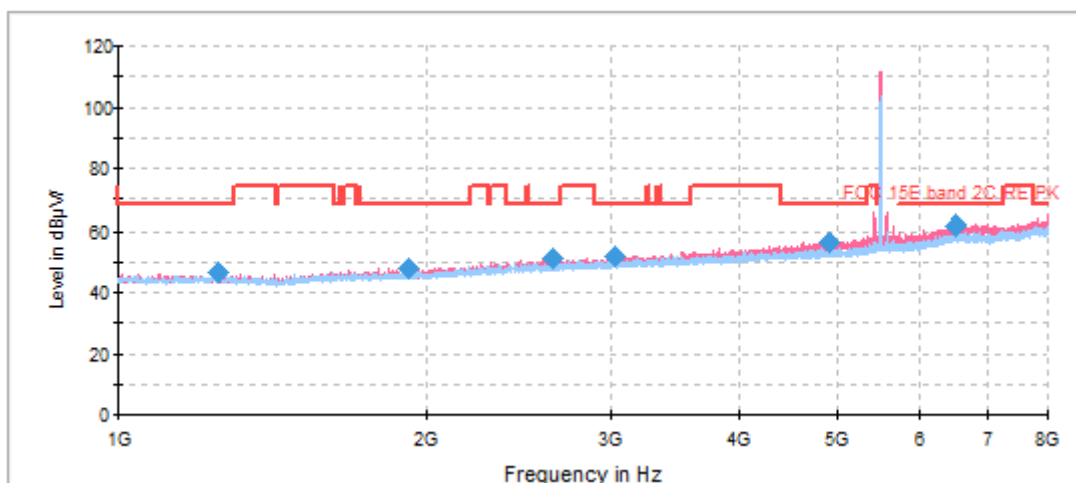
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1111.000000	47.0	200.0	V	182.0	-1.4	21.2	68.2
1834.750000	47.9	100.0	H	200.0	0.7	20.3	68.2
2624.500000	50.5	200.0	V	0.0	3.8	17.7	68.2
3529.750000	52.5	100.0	V	119.0	6.3	15.7	68.2
5757.250000	58.3	200.0	V	0.0	11.5	9.9	68.2
6564.250000	61.3	200.0	V	0.0	15.0	6.9	68.2

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

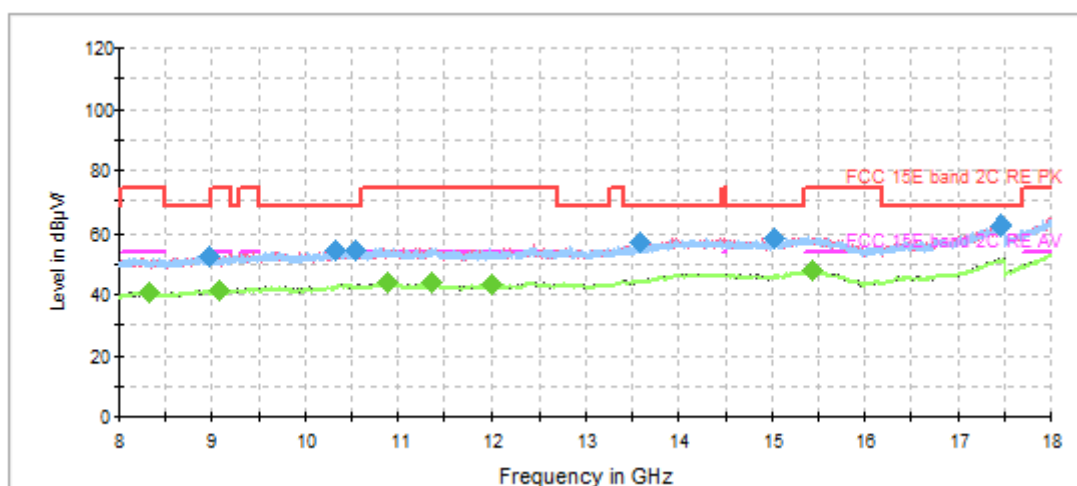
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1513.625000	33.0	200.0	V	0.0	-0.4	21.0	54.0
2793.750000	37.8	200.0	V	0.0	4.3	16.2	54.0
3999.500000	42.9	200.0	H	192.0	7.3	11.1	54.0
4654.875000	43.2	200.0	V	0.0	9.1	10.8	54.0
5399.500000	53.6	200.0	V	0.0	10.9	0.4	54.0
7314.000000	48.9	200.0	V	207.0	15.6	5.1	54.0

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

802.11n (HT20) CH100



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



Radiates Emission from 8GHz to 18GHz



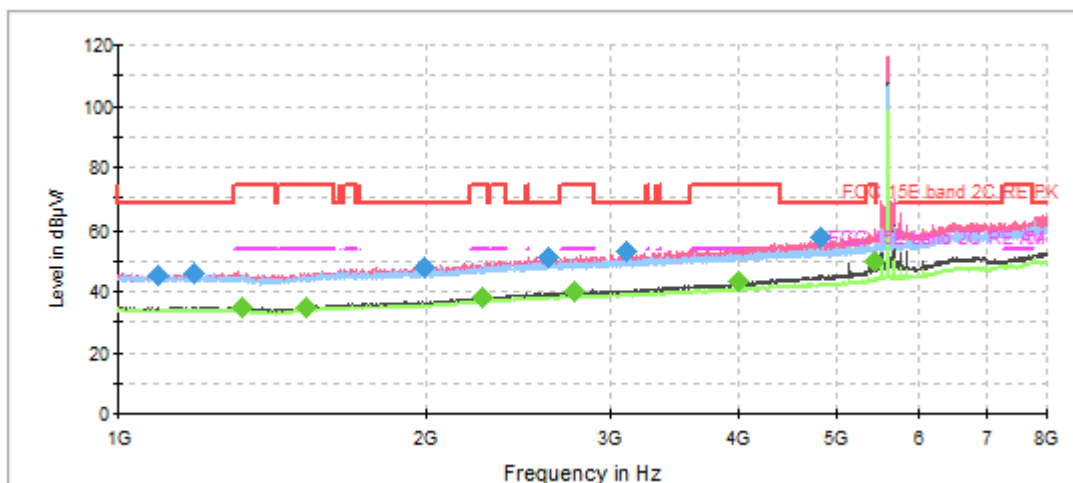
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1251.125000	46.2	200.0	V	228.0	-1.1	22.0	68.2
1918.750000	47.8	200.0	V	1.0	1.0	20.4	68.2
2644.125000	51.0	200.0	V	88.0	3.9	17.2	68.2
3035.250000	51.9	200.0	V	0.0	4.8	16.3	68.2
4913.875000	56.4	200.0	V	6.0	9.5	11.8	68.2
6494.125000	61.5	200.0	V	42.0	14.8	6.7	68.2

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

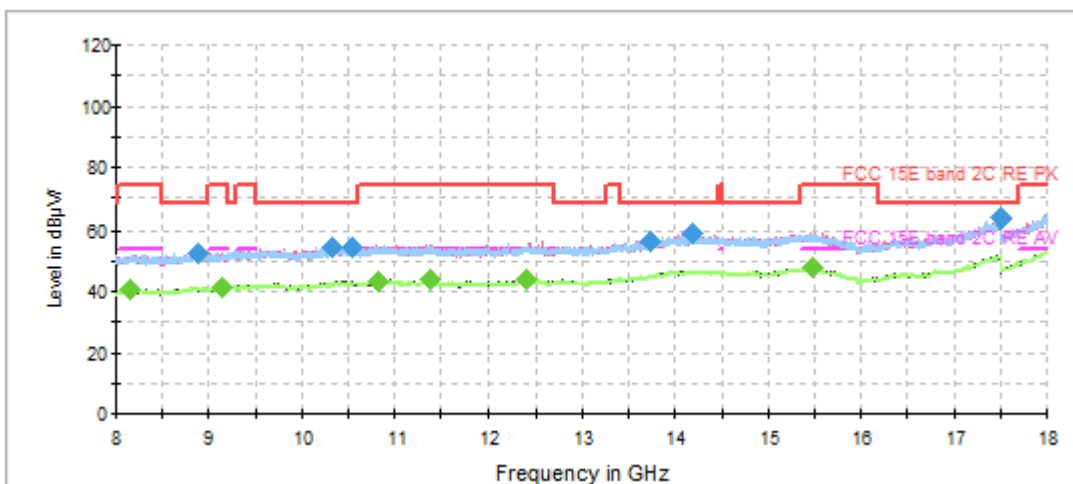
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1493.500000	33.0	100.0	V	0.0	-0.4	21.0	54.0
2349.250000	36.8	200.0	V	18.0	3.0	17.2	54.0
2827.875000	38.0	100.0	V	271.0	4.4	16.0	54.0
3999.500000	43.6	200.0	H	196.0	7.3	10.4	54.0
5416.125000	53.8	200.0	V	249.0	11.0	0.2	54.0
7631.625000	49.1	100.0	V	190.0	16.6	4.9	54.0

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

802.11n (HT20) CH120



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



Radiates Emission from 8GHz to 18GHz

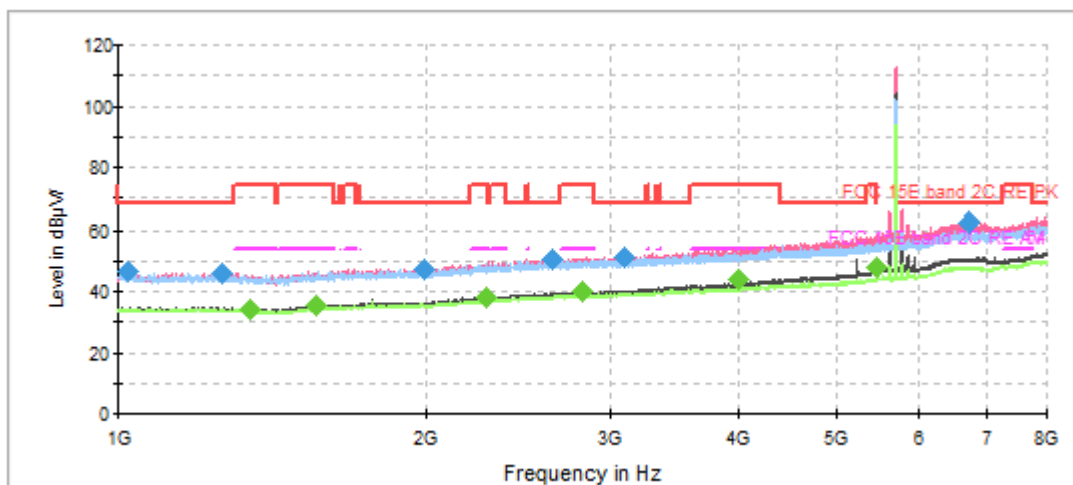
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1094.500000	45.2	100.0	V	0.0	-1.4	23.0	68.2
1183.750000	46.1	200.0	V	302.0	-1.0	22.1	68.2
1985.250000	47.9	100.0	V	340.0	1.1	20.3	68.2
2617.000000	51.4	100.0	V	355.0	3.8	16.8	68.2
3112.250000	52.9	200.0	V	69.0	5.0	15.3	68.2
4822.875000	57.4	200.0	V	138.0	9.4	10.8	68.2

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

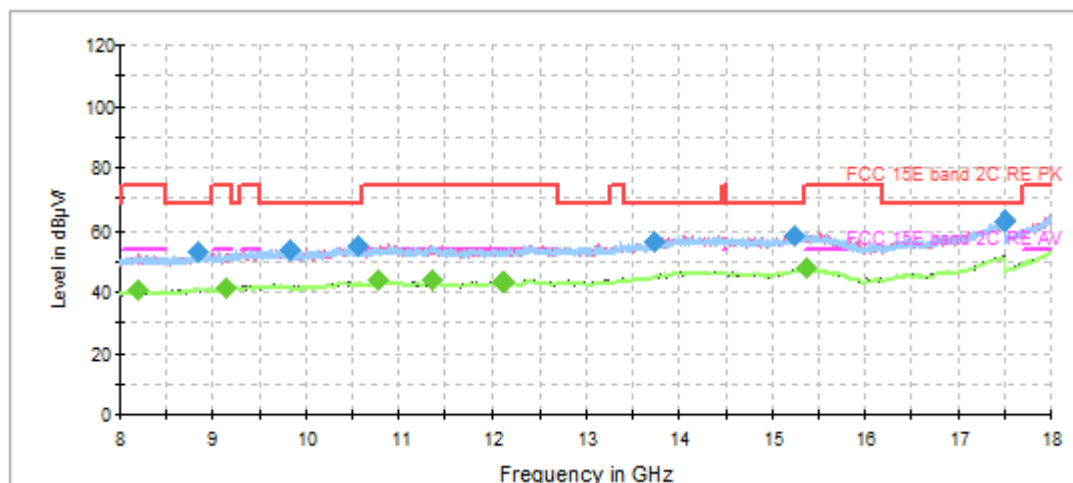
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1319.375000	34.5	200.0	V	6.0	-0.9	19.5	54.0
1527.625000	34.8	100.0	V	180.0	-0.3	19.2	54.0
2260.000000	38.0	100.0	V	318.0	2.5	16.0	54.0
2768.375000	39.8	100.0	V	0.0	4.2	14.2	54.0
3999.500000	43.3	200.0	V	4.0	7.3	10.7	54.0
5446.750000	49.8	200.0	V	0.0	11.1	4.2	54.0

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

802.11n (HT20) CH140



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



Radiates Emission from 8GHz to 18GHz



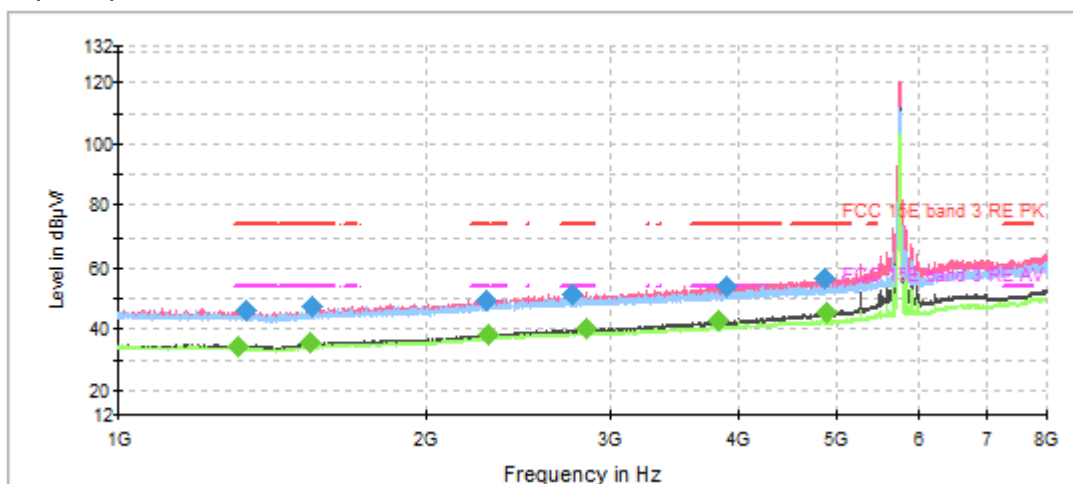
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1024.500000	46.6	200.0	V	69.0	-1.8	21.6	68.2
1265.125000	46.1	200.0	V	0.0	-1.1	22.1	68.2
1991.375000	47.5	200.0	V	2.0	1.1	20.7	68.2
2632.750000	50.4	100.0	H	0.0	3.9	17.8	68.2
3107.875000	51.4	200.0	V	167.0	5.0	16.8	68.2
6723.375000	62.6	200.0	V	0.0	15.0	5.6	68.2

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

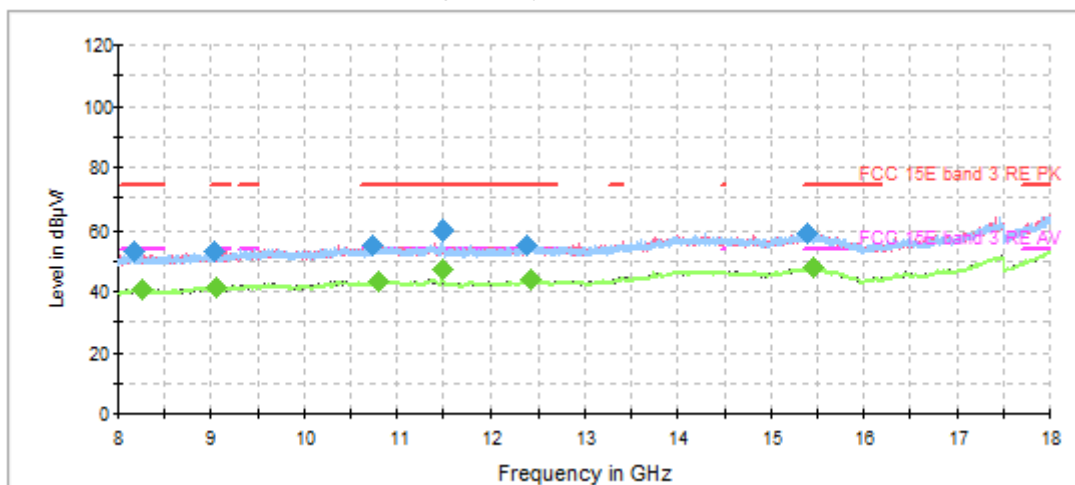
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1343.875000	34.4	200.0	V	0.0	-0.9	19.6	54.0
1559.125000	35.2	200.0	V	16.0	-0.2	18.8	54.0
2282.750000	38.3	200.0	V	8.0	2.7	15.7	54.0
2822.625000	39.8	200.0	V	260.0	4.4	14.2	54.0
4000.375000	43.7	200.0	V	3.0	7.3	10.3	54.0
5462.500000	47.9	200.0	V	4.0	11.1	6.1	54.0

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

802.11n (HT20) CH149



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



Radiates Emission from 8GHz to 18GHz

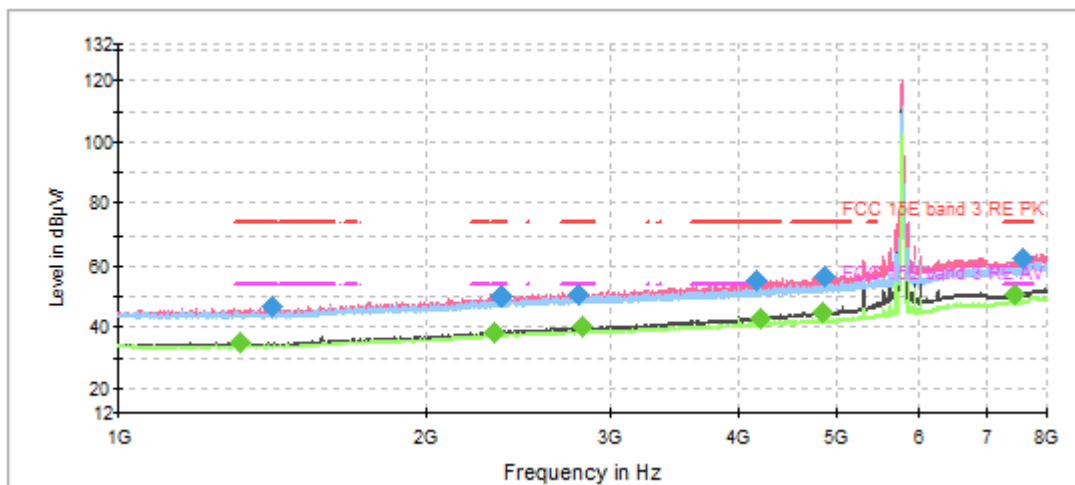
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1336.000000	45.9	200.0	V	0.0	-0.9	28.1	74.0
1546.875000	47.3	100.0	V	0.0	-0.2	26.7	74.0
2284.500000	49.1	200.0	V	12.0	2.7	24.9	74.0
2761.375000	51.1	100.0	V	0.0	4.2	22.9	74.0
3905.000000	53.8	200.0	V	137.0	7.1	20.2	74.0
4863.125000	56.6	100.0	V	34.0	9.5	17.4	74.0

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

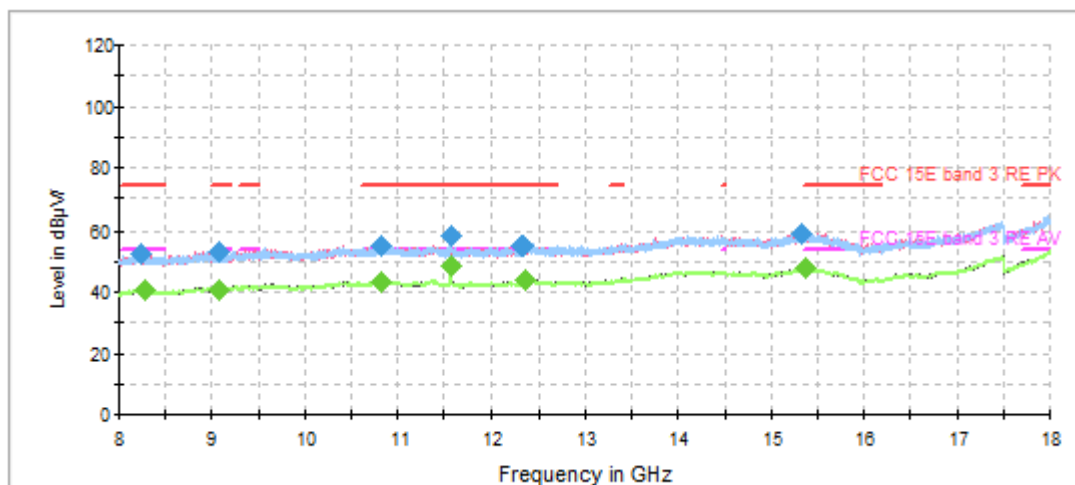
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1310.625000	34.6	100.0	V	358.0	-1.0	19.4	54.0
1541.625000	35.9	200.0	V	0.0	-0.3	18.1	54.0
2296.750000	38.2	100.0	V	73.0	2.7	15.8	54.0
2848.875000	40.0	200.0	V	0.0	4.4	14.0	54.0
3827.125000	42.7	100.0	V	206.0	6.8	11.3	54.0
4891.125000	45.1	100.0	V	101.0	9.6	8.9	54.0

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

802.11n (HT20) CH157



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



Radiates Emission from 8GHz to 18GHz



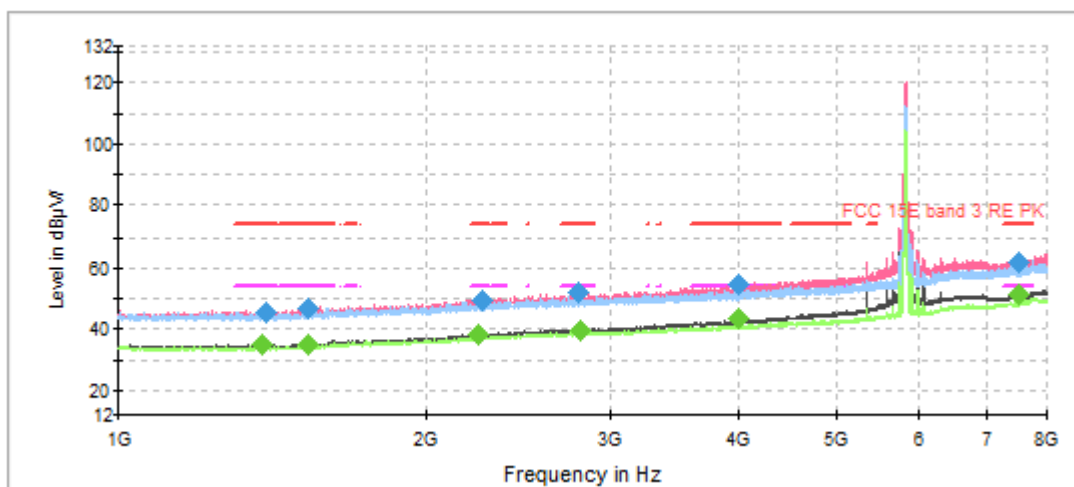
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1410.375000	46.7	200.0	V	64.0	-0.7	27.3	74.0
2362.375000	50.0	100.0	V	0.0	2.7	24.0	74.0
2801.625000	50.9	200.0	V	214.0	4.3	23.1	74.0
4174.500000	55.5	100.0	V	243.0	7.7	18.5	74.0
4849.125000	56.6	200.0	V	117.0	9.4	17.4	74.0
7579.125000	62.3	200.0	V	2.0	16.4	11.7	74.0

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

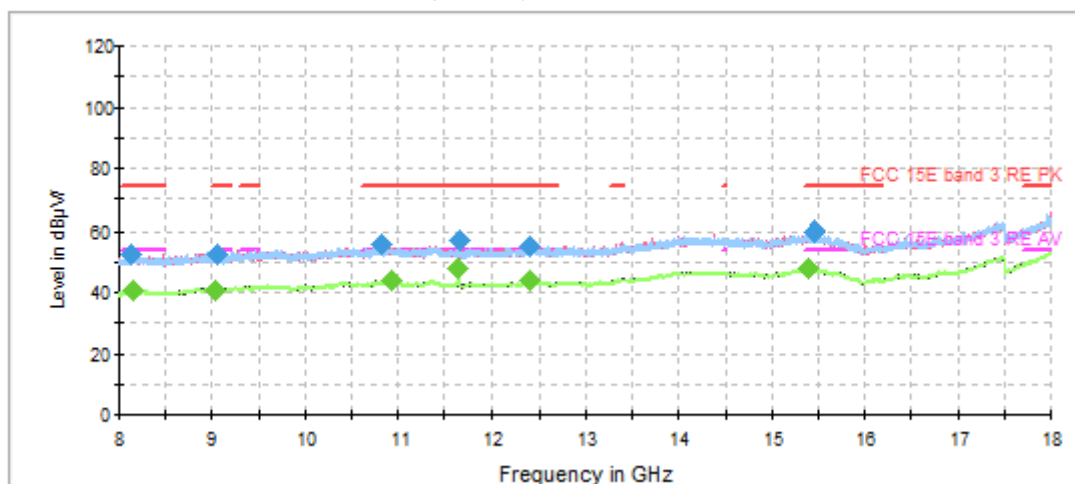
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1316.750000	34.7	200.0	V	81.0	-0.9	19.3	54.0
2327.375000	38.5	100.0	V	0.0	2.9	15.5	54.0
2827.000000	39.9	200.0	V	1.0	4.4	14.1	54.0
4215.625000	43.1	200.0	V	3.0	7.9	10.9	54.0
4842.125000	45.1	100.0	V	342.0	9.4	8.9	54.0
7436.500000	50.8	100.0	V	243.0	15.9	3.2	54.0

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

802.11n (HT20) CH165



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



Radiates Emission from 8GHz to 18GHz



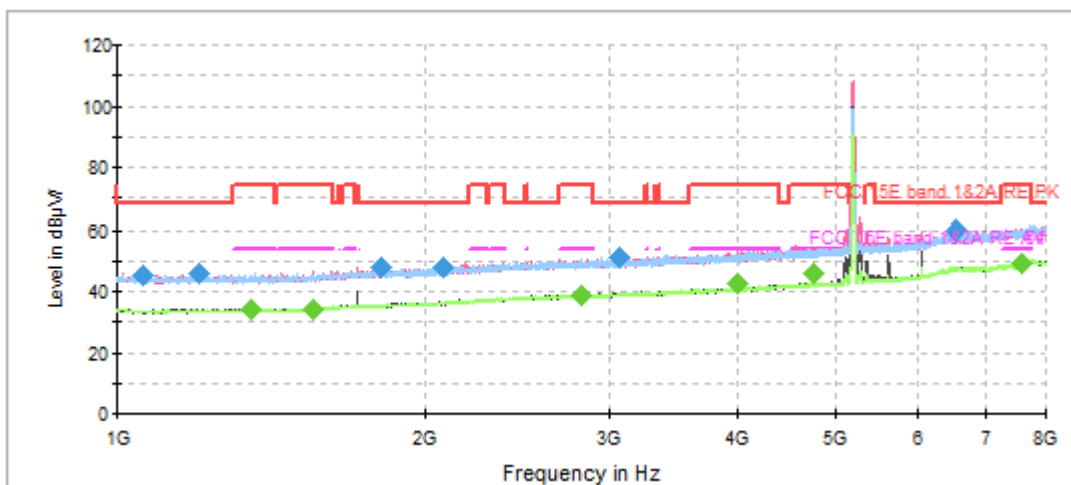
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1395.500000	45.7	200.0	V	1.0	-0.7	28.3	74.0
1533.750000	47.0	200.0	V	196.0	-0.3	27.0	74.0
2261.750000	49.4	200.0	V	10.0	2.6	24.6	74.0
2793.750000	51.8	200.0	V	0.0	4.3	22.2	74.0
4005.625000	54.5	100.0	V	0.0	7.3	19.5	74.0
7508.250000	61.8	100.0	V	242.0	16.1	12.2	74.0

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

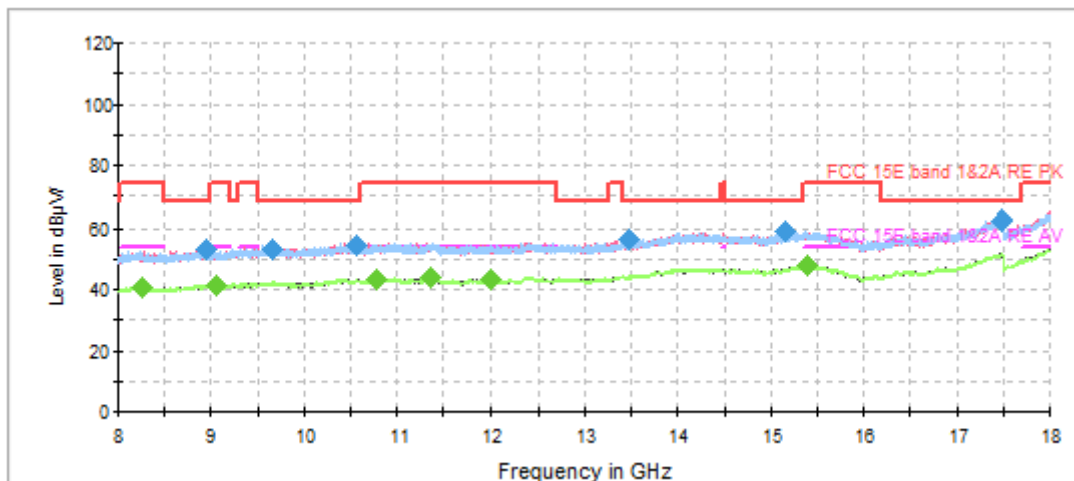
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1382.375000	35.0	200.0	V	0.0	-0.7	19.0	54.0
1531.125000	34.9	100.0	V	0.0	-0.3	19.1	54.0
2247.750000	38.5	200.0	V	169.0	2.4	15.5	54.0
2804.250000	39.7	200.0	V	143.0	4.3	14.3	54.0
3999.500000	43.3	100.0	V	336.0	7.3	10.7	54.0
7510.000000	51.0	100.0	V	0.0	16.1	3.0	54.0

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

802.11n (HT40) CH38



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



Radiates Emission from 8GHz to 18GHz



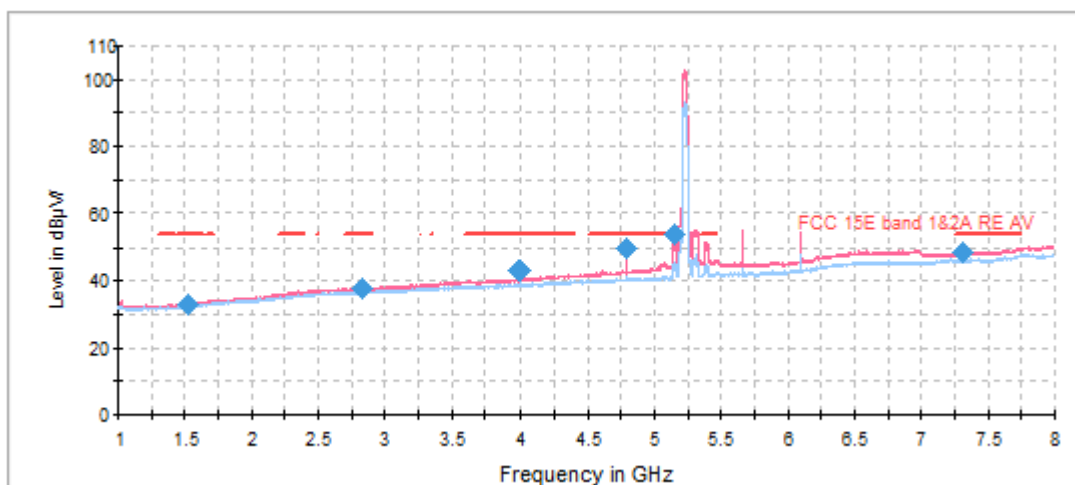
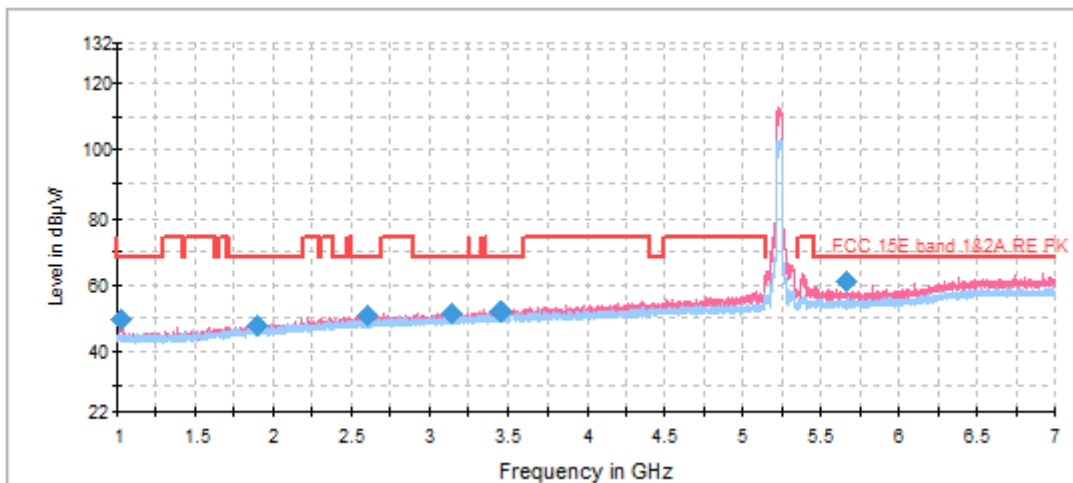
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1059.500000	45.5	100.0	H	0.0	-1.6	22.7	68.2
1203.000000	45.8	100.0	H	221.0	-1.2	22.4	68.2
1805.875000	47.7	200.0	H	318.0	0.6	20.5	68.2
2082.375000	47.8	100.0	V	264.0	1.5	20.4	68.2
3079.000000	50.9	100.0	V	358.0	5.0	17.3	68.2
6544.000000	59.8	100.0	H	17.0	14.9	8.4	68.2

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

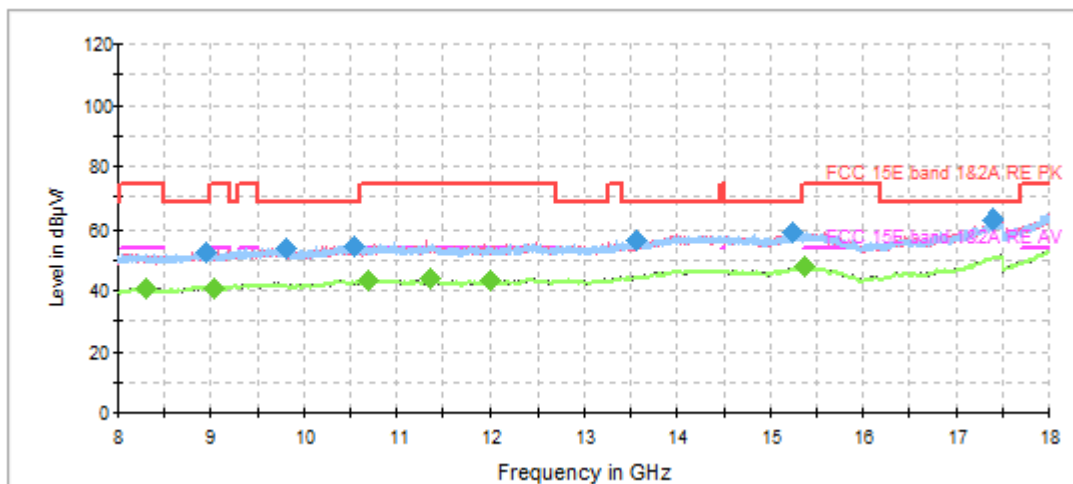
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1352.625000	34.1	100.0	V	254.0	-0.9	19.9	54.0
1549.500000	34.3	100.0	H	1.0	-0.2	19.7	54.0
2823.500000	38.9	200.0	H	165.0	4.4	15.1	54.0
3999.500000	42.7	200.0	H	103.0	7.3	11.3	54.0
4757.250000	46.1	200.0	V	16.0	9.3	7.9	54.0
7593.125000	48.9	200.0	V	0.0	16.4	5.1	54.0

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

802.11n (HT40) CH46



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



Radiates Emission from 8GHz to 18GHz



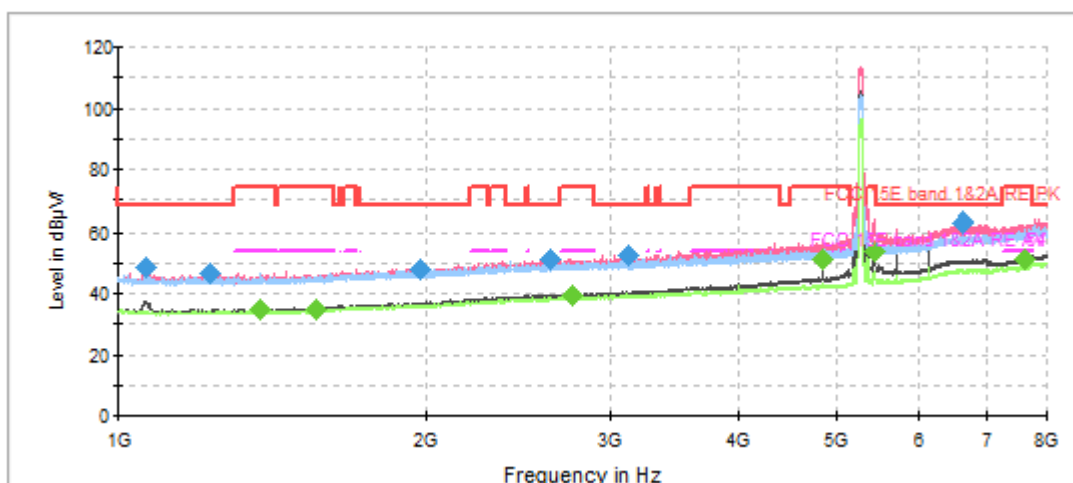
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1028.500000	49.7	100.0	V	344.0	-1.8	18.5	68.2
1897.750000	47.8	200.0	V	163.0	0.9	20.4	68.2
2605.750000	50.8	200.0	V	45.0	3.8	17.4	68.2
3147.250000	51.7	200.0	V	232.0	5.1	16.5	68.2
3451.750000	52.1	200.0	V	266.0	6.0	16.1	68.2
5666.500000	61.1	200.0	V	0.0	11.4	7.1	68.2

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

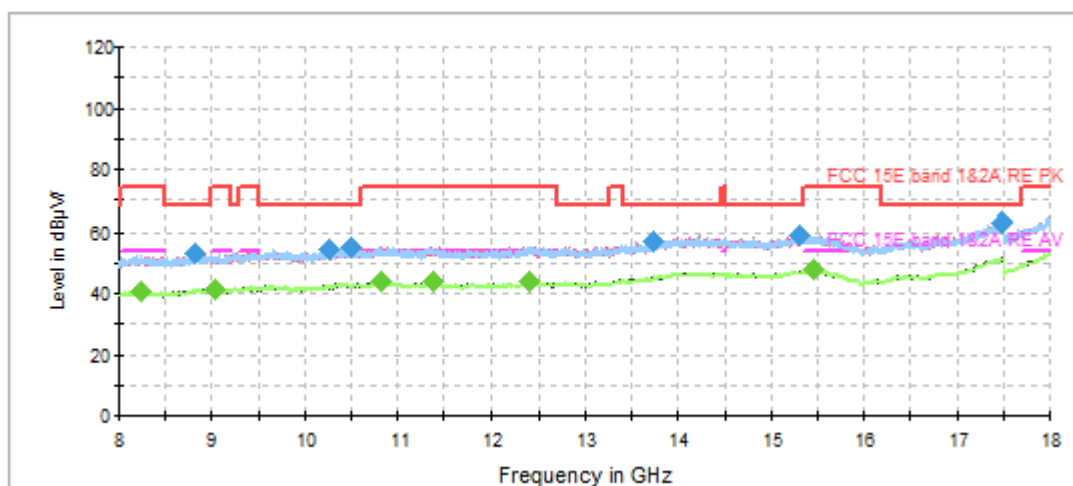
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1526.750000	33.1	100.0	V	0.0	-0.3	20.9	54.0
2824.375000	38.1	100.0	V	194.0	4.4	15.9	54.0
4000.375000	43.4	200.0	H	192.0	7.3	10.6	54.0
4794.000000	50.0	200.0	V	247.0	9.3	4.0	54.0
5145.750000	53.9	200.0	V	18.0	10.1	0.1	54.0
7314.000000	48.8	200.0	V	0.0	15.6	5.2	54.0

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

802.11n (HT40) CH54



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



Radiates Emission from 8GHz to 18GHz



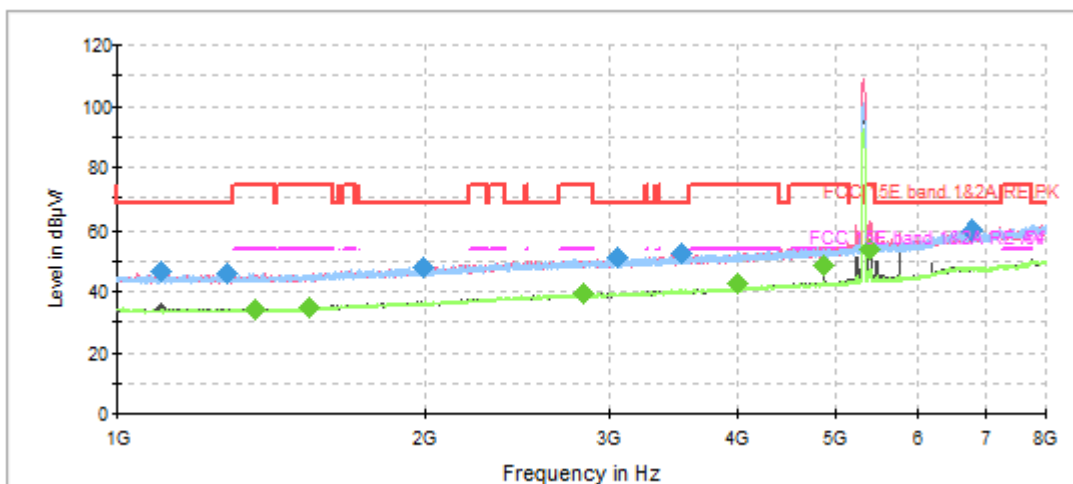
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1064.750000	48.7	200.0	V	11.0	-1.5	19.5	68.2
1230.125000	46.5	100.0	V	345.0	-1.2	21.7	68.2
1966.875000	48.1	200.0	V	256.0	1.0	20.1	68.2
2624.875000	50.9	200.0	V	7.0	3.8	17.3	68.2
3135.000000	52.3	200.0	V	7.0	5.1	15.9	68.2
6628.000000	63.0	200.0	V	0.0	15.0	5.2	68.2

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

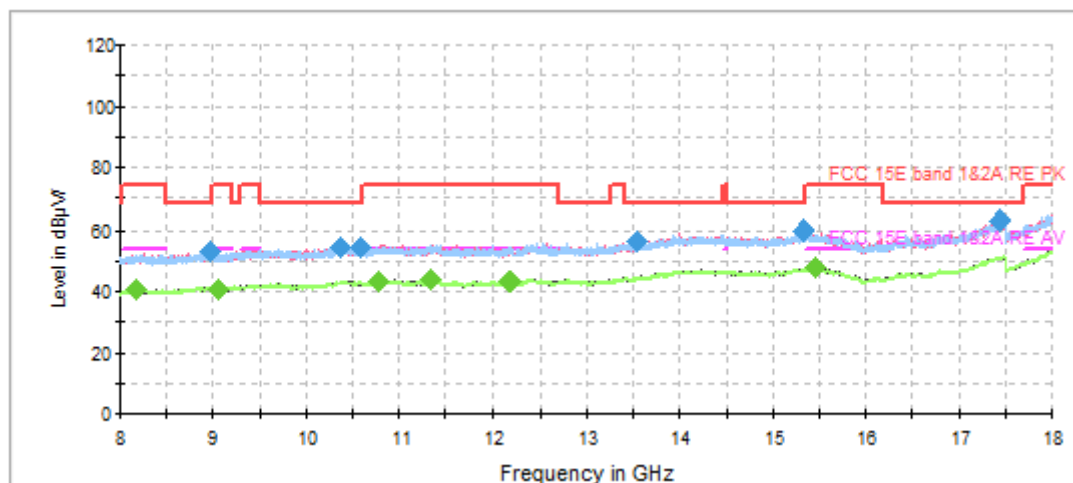
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1376.250000	34.7	100.0	V	134.0	-0.7	19.3	54.0
1558.250000	35.0	200.0	V	113.0	-0.2	19.0	54.0
2764.000000	39.6	100.0	V	106.0	4.2	14.4	54.0
4830.750000	51.0	200.0	V	266.0	9.4	3.0	54.0
5427.500000	53.8	200.0	V	5.0	11.0	0.2	54.0
7599.250000	51.2	200.0	V	11.0	16.5	2.8	54.0

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

802.11n (HT40) CH62



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



Radiates Emission from 8GHz to 18GHz

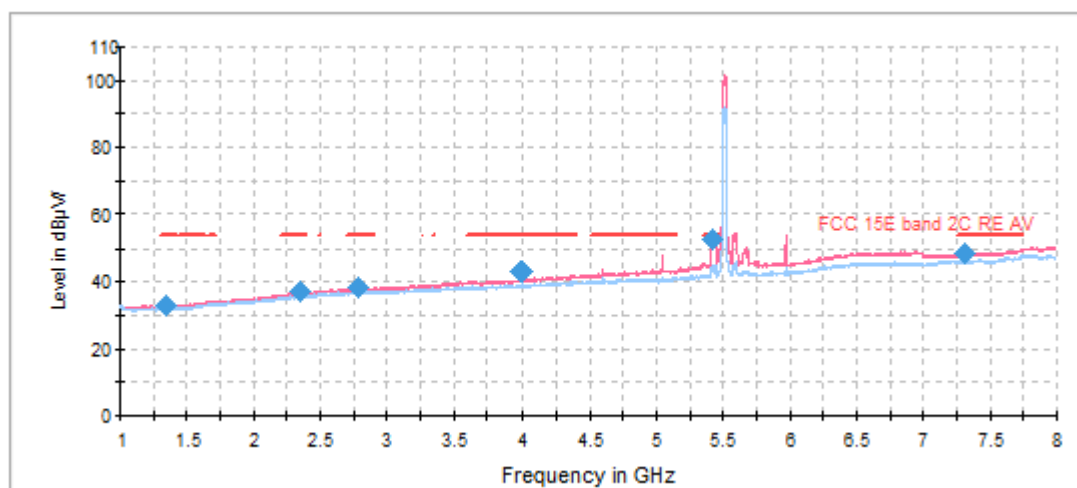
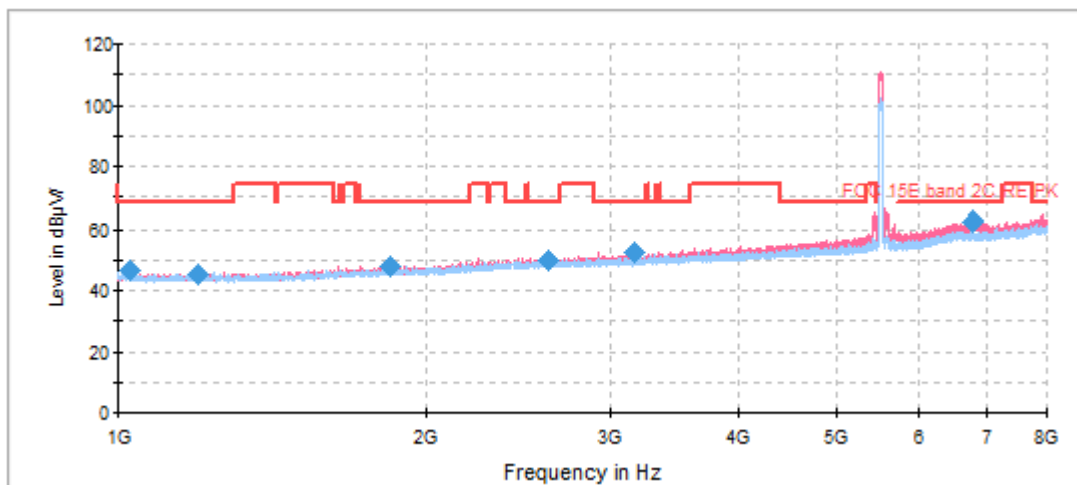
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1104.125000	46.6	200.0	V	4.0	-1.4	21.6	68.2
1281.750000	45.9	200.0	H	203.0	-1.0	22.3	68.2
1992.250000	47.9	200.0	H	114.0	1.1	20.3	68.2
3059.750000	50.8	100.0	V	287.0	4.9	17.4	68.2
3530.500000	52.7	200.0	H	0.0	6.3	15.5	68.2
6783.750000	59.9	100.0	H	20.0	15.1	8.3	68.2

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

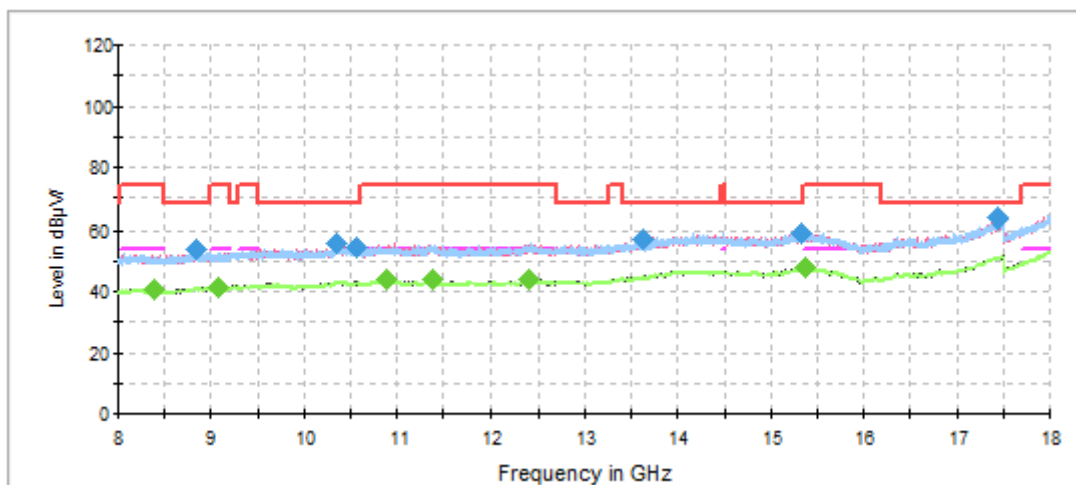
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1363.125000	34.0	200.0	V	102.0	-0.8	20.0	54.0
1539.000000	34.6	100.0	H	120.0	-0.3	19.4	54.0
2833.125000	39.1	200.0	V	15.0	4.4	14.9	54.0
4000.375000	42.7	100.0	V	358.0	7.3	11.3	54.0
4867.500000	48.5	200.0	V	27.0	9.5	5.5	54.0
5396.000000	53.7	200.0	V	264.0	10.9	0.3	54.0

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

802.11n (HT40) CH102



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



Radiates Emission from 8GHz to 18GHz



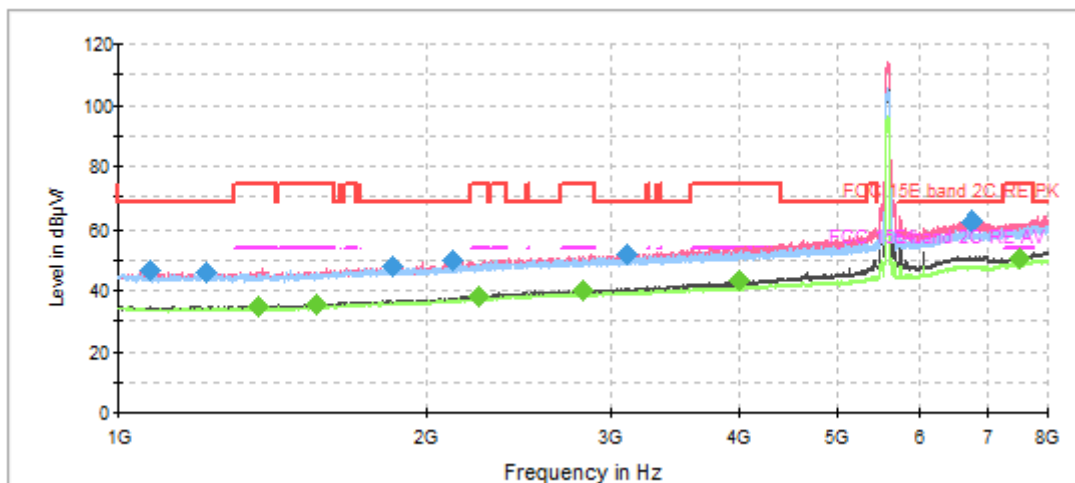
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1025.375000	46.3	200.0	V	26.0	-1.8	21.9	68.2
1195.125000	45.5	200.0	V	262.0	-1.2	22.7	68.2
1843.500000	48.1	200.0	V	86.0	0.7	20.1	68.2
2612.625000	50.2	200.0	V	26.0	3.8	18.0	68.2
3176.125000	52.6	200.0	V	42.0	5.2	15.6	68.2
6775.000000	62.2	200.0	V	7.0	15.1	6.0	68.2

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

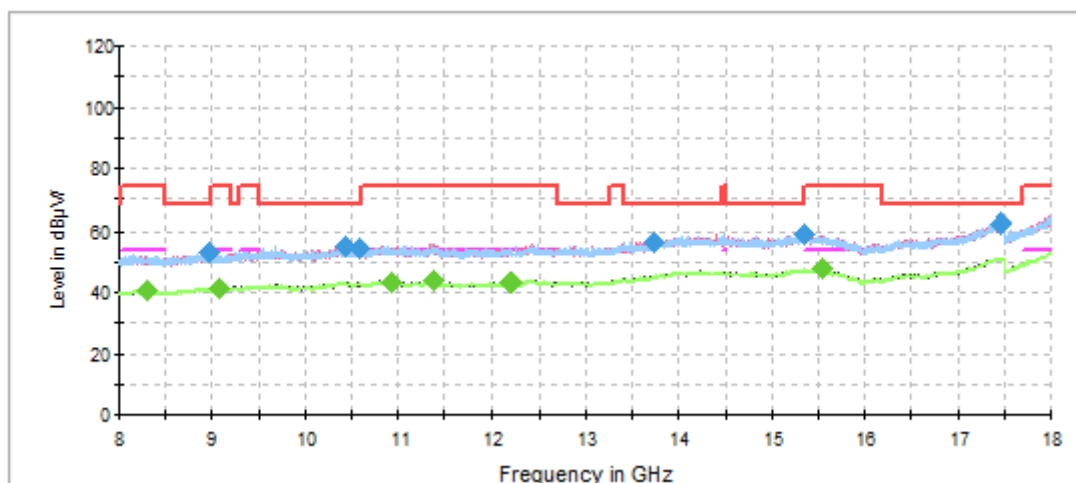
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1337.750000	33.0	200.0	V	0.0	-0.9	21.0	54.0
2343.125000	37.0	200.0	V	0.0	3.0	17.0	54.0
2790.250000	38.4	100.0	V	355.0	4.3	15.6	54.0
3999.500000	43.3	100.0	V	195.0	7.3	10.7	54.0
5416.125000	53.0	200.0	V	246.0	11.0	1.0	54.0
7317.500000	48.9	100.0	V	0.0	15.6	5.1	54.0

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

802.11n (HT40) CH118



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



Radiates Emission from 8GHz to 18GHz

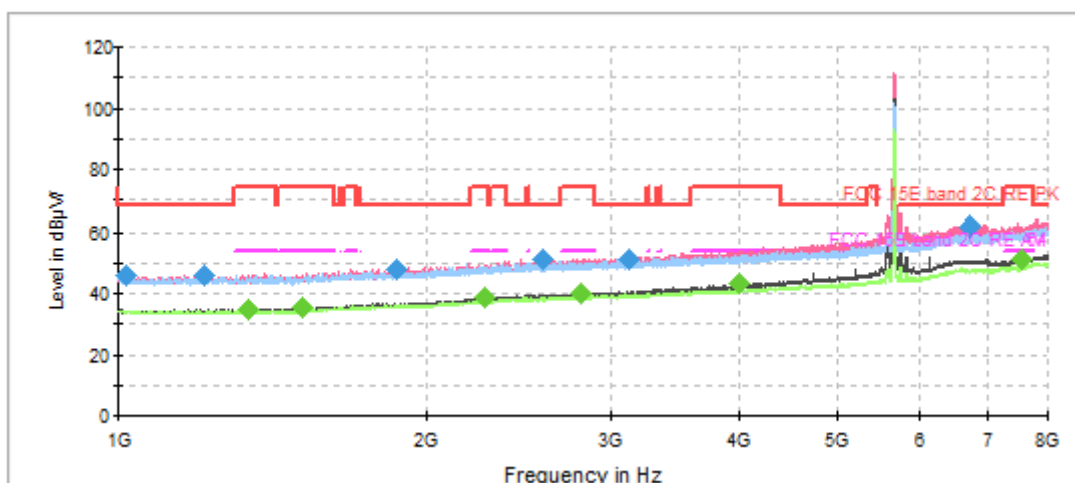
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1074.375000	46.5	200.0	V	160.0	-1.5	21.7	68.2
1217.000000	46.1	200.0	V	178.0	-1.2	22.1	68.2
1849.625000	48.0	200.0	H	350.0	0.7	20.2	68.2
2115.625000	49.6	200.0	V	55.0	1.8	18.6	68.2
3109.625000	51.7	200.0	V	134.0	5.0	16.5	68.2
6751.375000	62.4	200.0	V	64.0	15.0	5.8	68.2

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

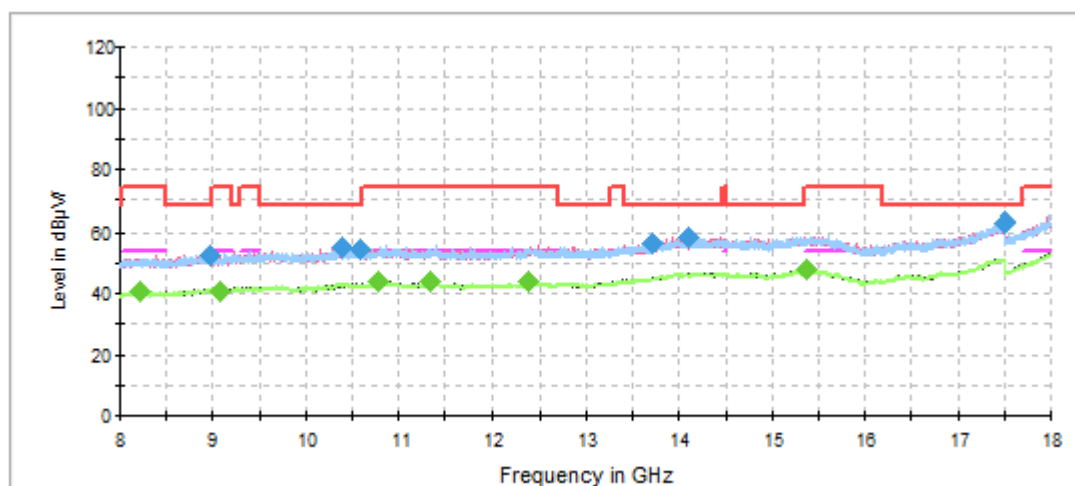
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1371.875000	34.9	200.0	V	134.0	-0.8	19.1	54.0
1558.250000	35.3	200.0	V	23.0	-0.2	18.7	54.0
2239.875000	38.1	100.0	V	0.0	2.4	15.9	54.0
2823.500000	40.0	200.0	V	195.0	4.4	14.0	54.0
4000.375000	43.6	200.0	V	169.0	7.3	10.4	54.0
7518.750000	50.7	200.0	V	2.0	16.1	3.3	54.0

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

802.11n (HT40) CH134



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



Radiates Emission from 8GHz to 18GHz



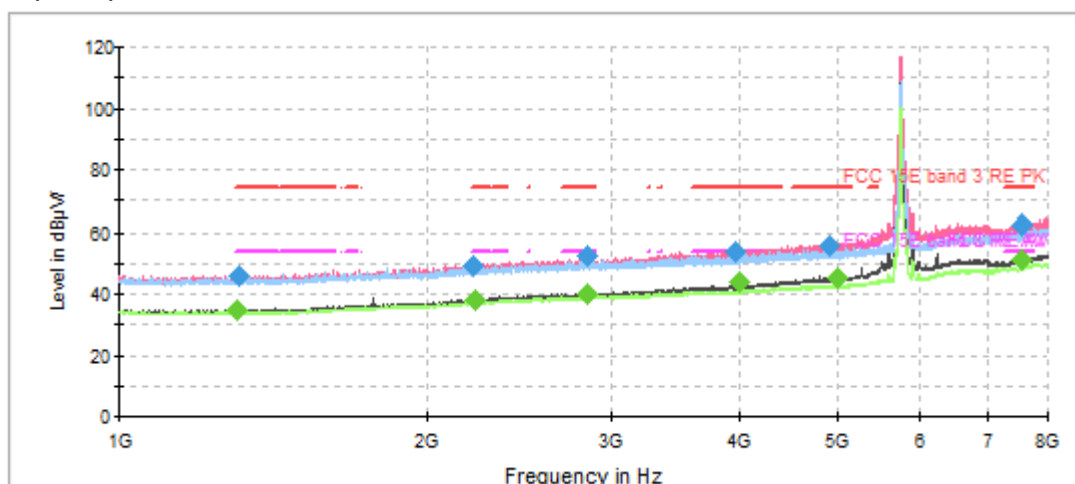
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1017.500000	45.9	200.0	H	354.0	-1.8	22.3	68.2
1210.875000	46.0	200.0	V	247.0	-1.2	22.2	68.2
1868.875000	48.1	200.0	V	122.0	0.8	20.1	68.2
2575.000000	50.8	200.0	V	4.0	3.8	17.4	68.2
3130.625000	51.2	100.0	H	139.0	5.1	17.0	68.2
6705.000000	61.5	200.0	V	28.0	15.0	6.7	68.2

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

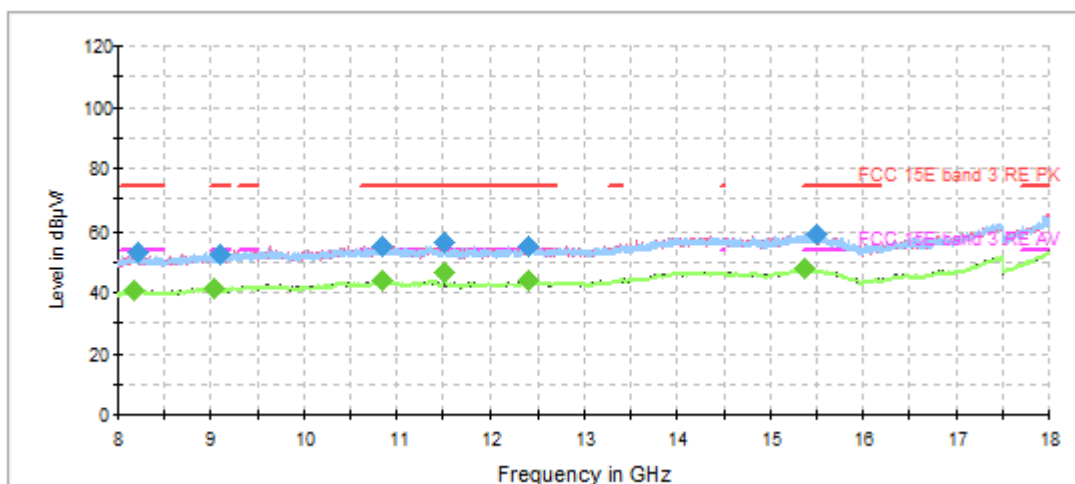
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1336.875000	34.5	200.0	V	2.0	-0.9	19.5	54.0
1512.750000	35.2	200.0	V	44.0	-0.4	18.8	54.0
2274.000000	38.6	200.0	V	0.0	2.7	15.4	54.0
2809.500000	40.1	200.0	V	211.0	4.3	13.9	54.0
4000.375000	43.4	200.0	H	184.0	7.3	10.6	54.0
7547.625000	51.0	200.0	V	105.0	16.2	3.0	54.0

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

802.11n (HT40) CH151



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



Radiates Emission from 8GHz to 18GHz



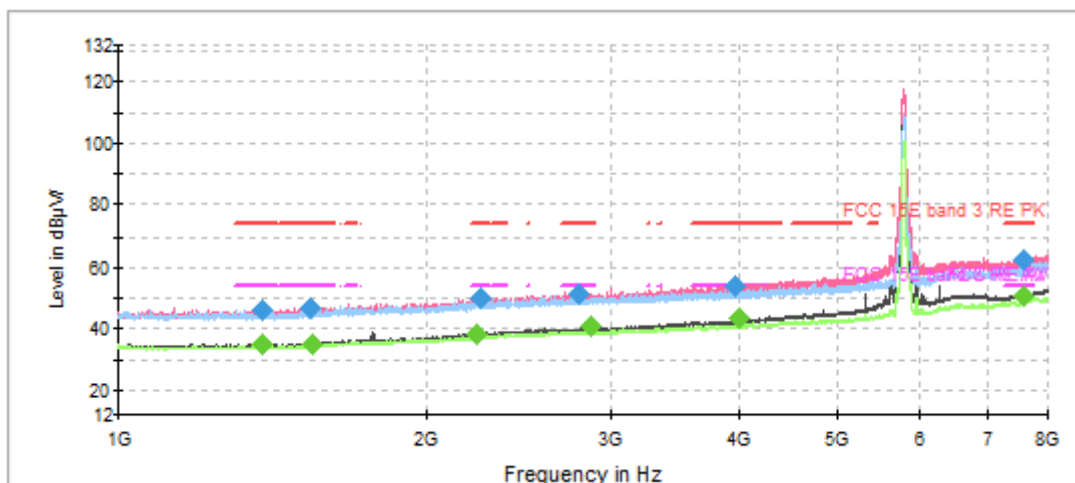
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1311.500000	46.1	200.0	V	2.0	-0.9	27.9	74.0
2217.125000	49.3	100.0	V	0.0	2.3	24.7	74.0
2843.625000	52.5	100.0	V	357.0	4.4	21.5	74.0
3975.875000	53.8	100.0	V	249.0	7.1	20.2	74.0
4910.375000	56.0	200.0	V	4.0	9.5	18.0	74.0
7551.125000	62.1	100.0	V	311.0	16.2	11.9	74.0

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

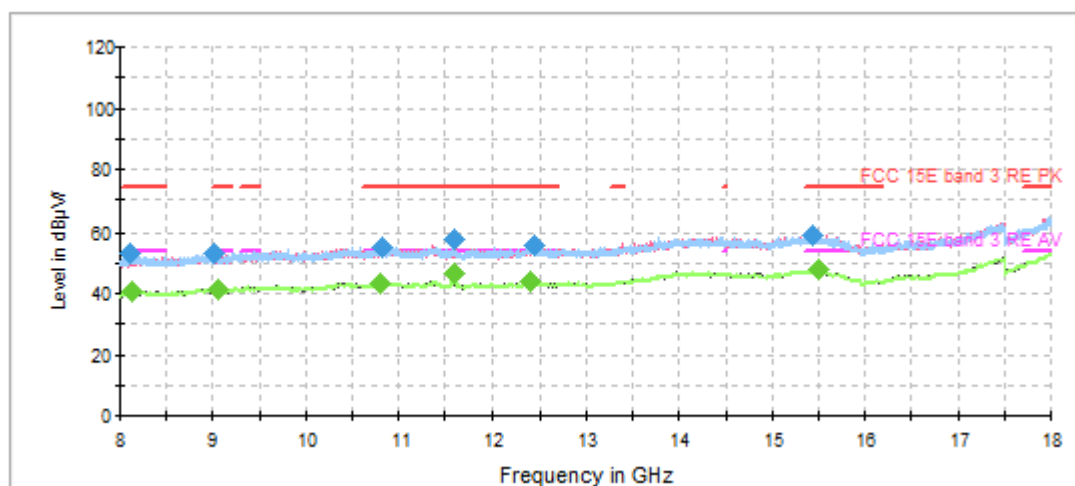
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1305.375000	34.7	100.0	V	347.0	-1.0	19.3	54.0
2225.000000	37.9	200.0	V	129.0	2.3	16.1	54.0
2841.875000	39.8	200.0	V	0.0	4.4	14.2	54.0
3999.500000	43.9	100.0	V	336.0	7.3	10.1	54.0
4994.375000	45.4	200.0	V	0.0	9.5	8.6	54.0
7532.750000	51.4	200.0	V	43.0	16.2	2.6	54.0

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

802.11n (HT40) CH159



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



Radiates Emission from 8GHz to 18GHz



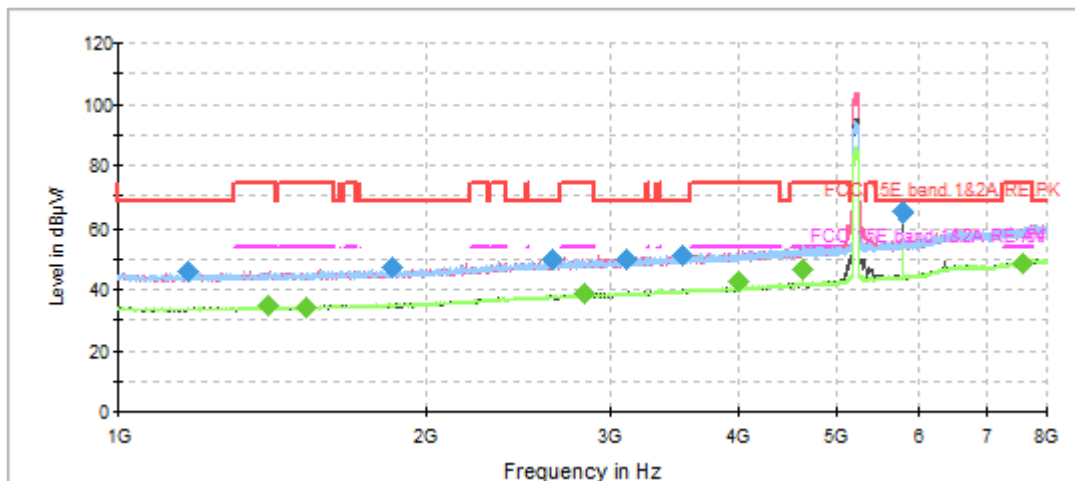
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1380.625000	45.8	200.0	V	27.0	-0.7	28.2	74.0
1539.875000	46.9	100.0	V	280.0	-0.3	27.1	74.0
2256.500000	49.9	200.0	V	58.0	2.5	24.1	74.0
2792.875000	51.6	200.0	V	34.0	4.3	22.4	74.0
3963.625000	54.2	200.0	V	0.0	7.1	19.8	74.0
7566.000000	62.3	200.0	V	34.0	16.3	11.7	74.0

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

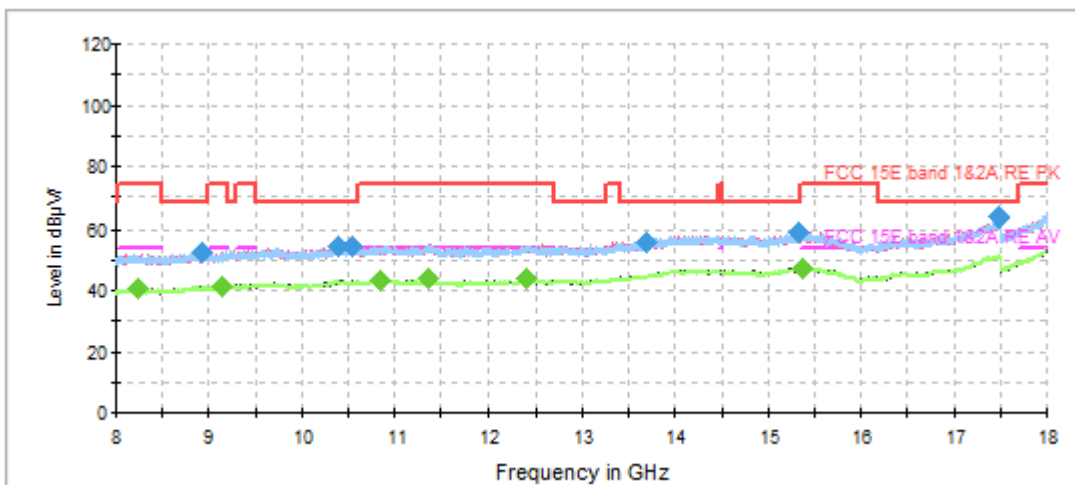
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1384.125000	35.0	100.0	V	151.0	-0.7	19.0	54.0
1543.375000	35.1	100.0	V	0.0	-0.3	18.9	54.0
2234.625000	38.0	200.0	V	34.0	2.4	16.0	54.0
2868.125000	40.6	200.0	V	242.0	4.4	13.4	54.0
3999.500000	43.4	200.0	H	180.0	7.3	10.6	54.0
7580.875000	50.9	200.0	V	0.0	16.4	3.1	54.0

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

802.11ac (HT80) CH42



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



Radiates Emission from 8GHz to 18GHz



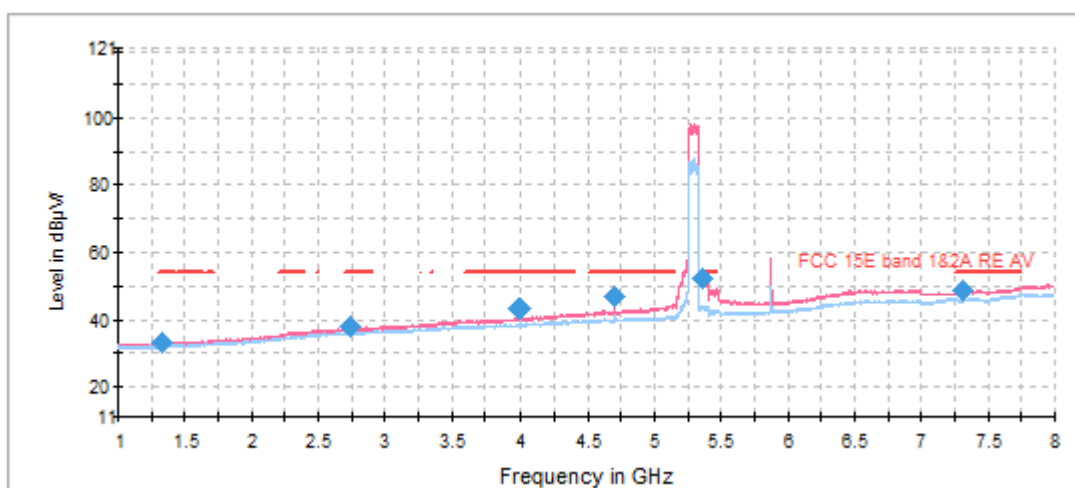
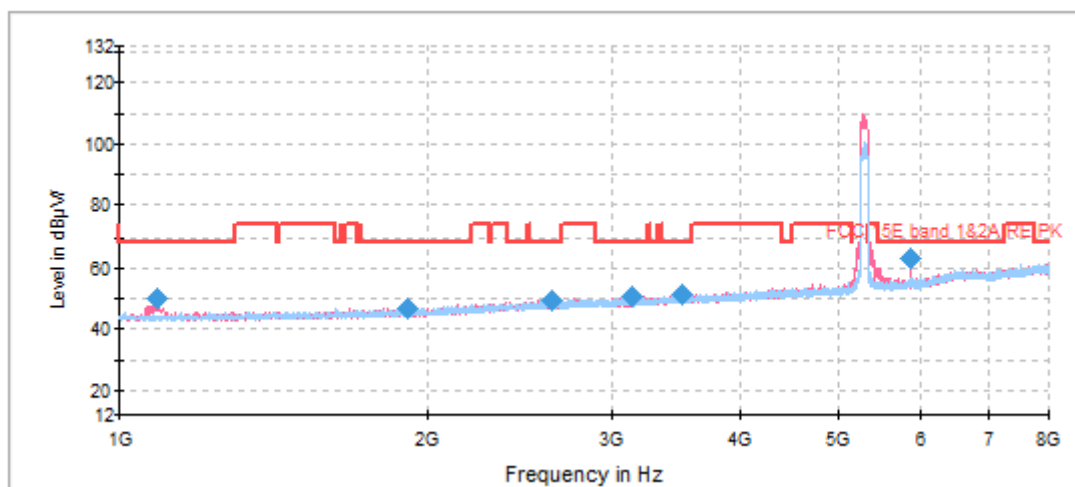
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1168.875000	46.1	200.0	V	42.0	-1.3	22.1	68.2
1853.125000	47.1	100.0	V	306.0	0.8	21.1	68.2
2640.625000	49.6	100.0	H	86.0	3.9	18.6	68.2
3113.125000	50.1	100.0	V	355.0	5.0	18.1	68.2
3525.250000	51.0	200.0	V	224.0	6.3	17.2	68.2
5788.875000	65.2	200.0	V	355.0	11.6	3.0	68.2

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

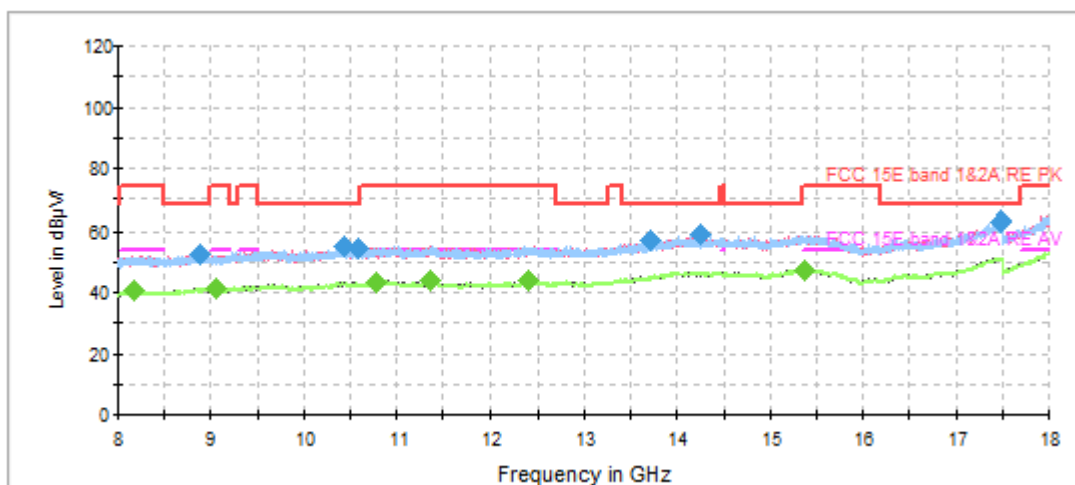
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1399.875000	34.5	200.0	H	15.0	-0.7	19.5	54.0
1526.750000	34.3	200.0	V	0.0	-0.3	19.7	54.0
2838.375000	38.6	200.0	V	186.0	4.4	15.4	54.0
3999.500000	42.7	100.0	V	333.0	7.3	11.3	54.0
4631.250000	46.8	200.0	V	19.0	9.0	7.2	54.0
7589.625000	48.6	100.0	H	0.0	16.4	5.4	54.0

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

802.11ac (HT80) CH58



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



Radiates Emission from 8GHz to 18GHz



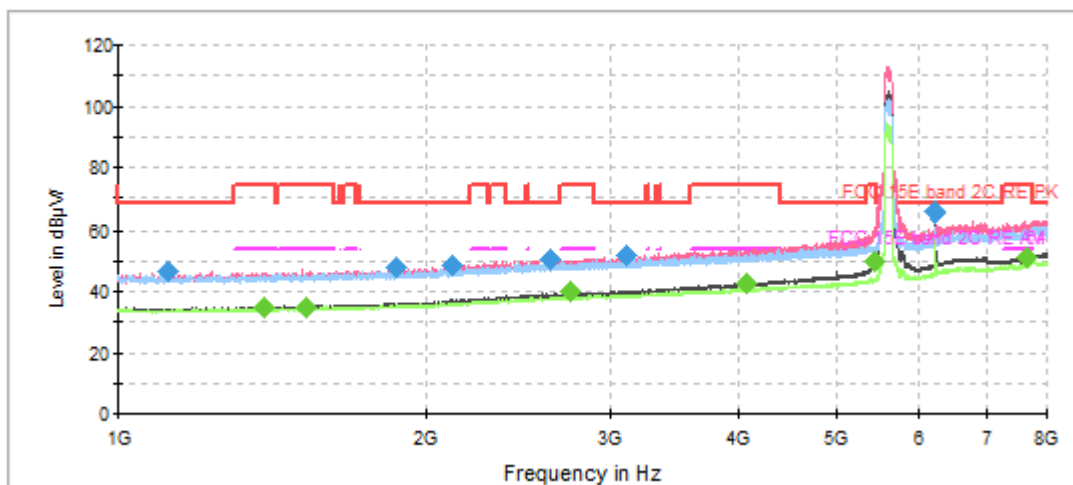
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1090.125000	50.2	200.0	V	0.0	-1.4	18.0	68.2
1912.625000	46.9	100.0	H	141.0	0.9	21.3	68.2
2631.000000	49.6	100.0	V	152.0	3.9	18.6	68.2
3142.875000	50.4	200.0	H	353.0	5.1	17.8	68.2
3519.125000	51.4	100.0	H	0.0	6.2	16.8	68.2
5878.125000	62.9	200.0	V	186.0	11.9	5.3	68.2

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

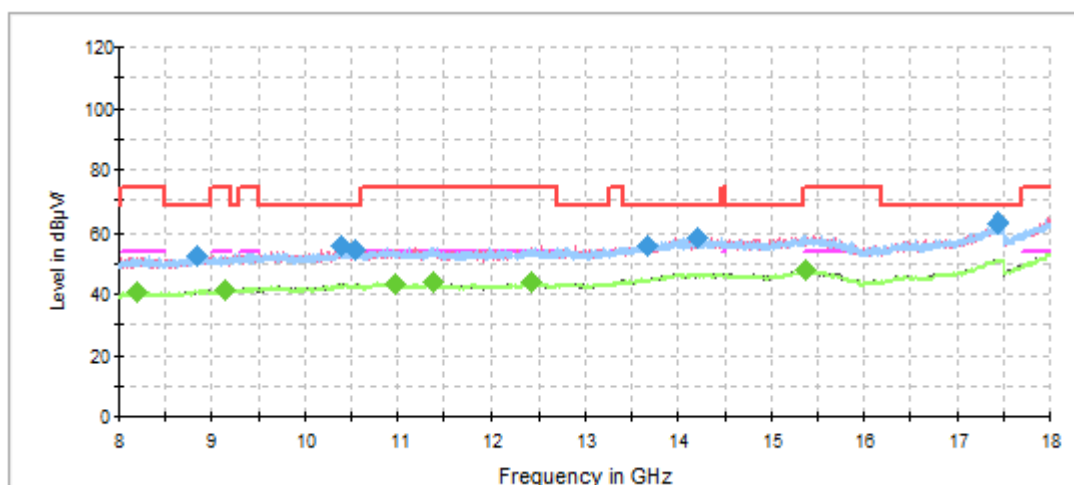
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1336.875000	33.3	200.0	V	87.0	-0.9	20.7	54.0
2742.125000	37.8	100.0	V	0.0	4.1	16.2	54.0
3999.500000	43.7	100.0	V	192.0	7.3	10.3	54.0
4702.125000	47.3	200.0	V	249.0	9.2	6.7	54.0
5364.500000	52.6	200.0	V	0.0	10.8	1.4	54.0
7316.625000	48.7	200.0	V	249.0	15.6	5.3	54.0

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

802.11ac (HT80) CH122



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



Radiates Emission from 8GHz to 18GHz

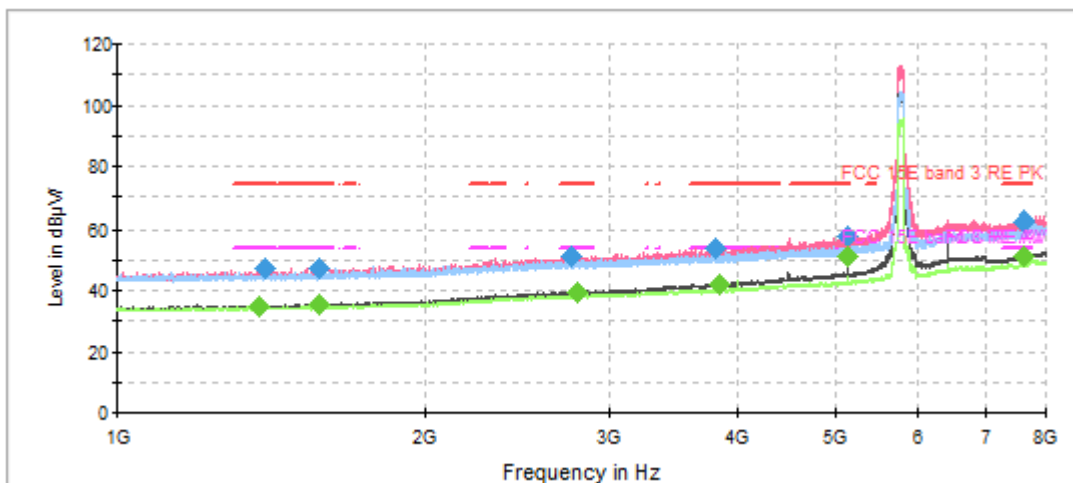
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1118.125000	46.7	200.0	V	0.0	-1.4	21.5	68.2
1868.875000	47.9	200.0	V	337.0	0.8	20.3	68.2
2117.375000	48.7	200.0	V	188.0	1.8	19.5	68.2
2626.625000	50.5	200.0	V	2.0	3.8	17.7	68.2
3113.125000	51.6	200.0	V	101.0	5.0	16.6	68.2
6233.375000	65.8	200.0	V	11.0	13.4	2.4	68.2

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

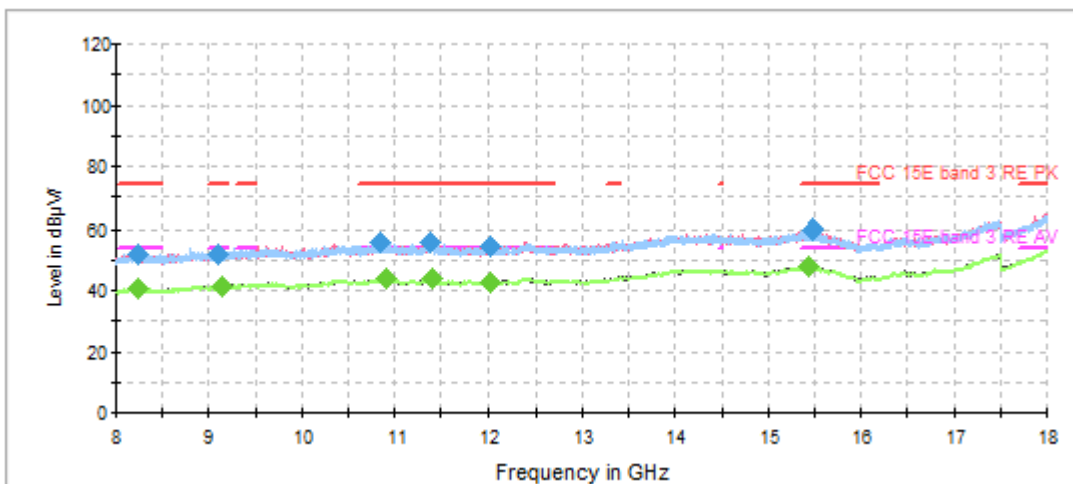
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1386.750000	35.0	200.0	V	2.0	-0.7	19.0	54.0
1527.625000	35.1	200.0	V	33.0	-0.3	18.9	54.0
2745.625000	39.7	200.0	V	0.0	4.1	14.3	54.0
4081.750000	42.4	200.0	V	7.0	7.6	11.6	54.0
5434.500000	49.6	200.0	V	0.0	11.0	4.4	54.0
7640.375000	51.2	200.0	V	0.0	16.6	2.8	54.0

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

802.11ac (HT80) CH155



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



Radiates Emission from 8GHz to 18GHz



Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1391.125000	47.5	100.0	V	354.0	-0.7	26.5	74.0
1575.750000	47.0	200.0	V	0.0	-0.1	27.0	74.0
2756.125000	51.4	100.0	V	247.0	4.2	22.6	74.0
3808.750000	53.7	100.0	V	348.0	6.8	20.3	74.0
5133.500000	57.9	200.0	V	0.0	10.1	16.1	74.0
7598.375000	62.0	100.0	V	247.0	16.4	12.0	74.0

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1375.375000	34.9	100.0	V	306.0	-0.8	19.1	54.0
1572.250000	35.6	200.0	V	0.0	-0.1	18.4	54.0
2793.750000	39.2	200.0	V	14.0	4.3	14.8	54.0
3843.750000	41.9	100.0	V	212.0	6.8	12.1	54.0
5133.500000	51.4	200.0	V	0.0	10.1	2.6	54.0
7597.500000	50.8	200.0	V	0.0	16.4	3.2	54.0

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

5.6. Conducted Emission

Ambient condition

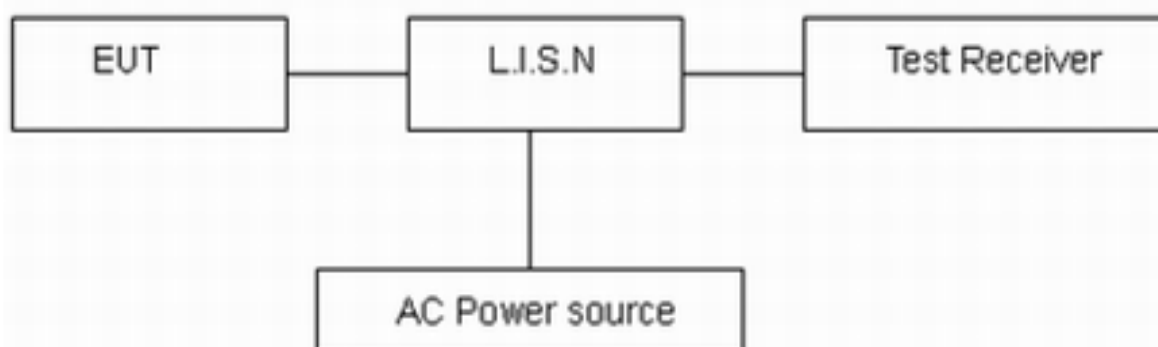
Temperature	Relative humidity	Pressure
23°C ~25°C	45%~50%	101.5kPa

Methods of Measurement

The EUT IS placed on a non-metallic table of 80cm height above the horizontal metal reference ground plane. During the test, the EUT was operating in its typical mode. The test method is according to ANSI C63.10-2013. Connect the AC power line of the EUT to the LISN Use EMI receiver to detect the average and Quasi-peak value. RBW is set to 9kHz, VBW is set to 30kHz The measurement result should include both L line and N line.

The test is in transmitting mode.

Test Setup



Note: AC Power source is used to change the voltage 110V/60Hz.

Limits

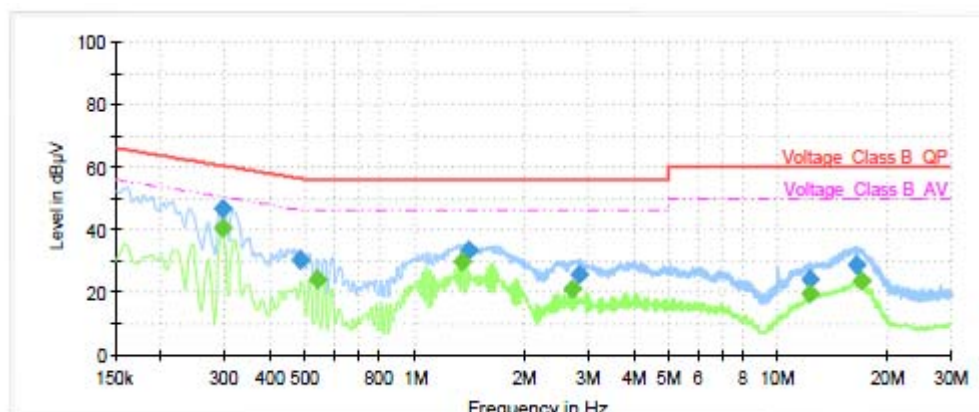
Frequency (MHz)	Conducted Limits(dBμV)	
	Quasi-peak	Average
0.15 - 0.5	66 to 56 *	56 to 46 *
0.5 - 5	56	46
5 - 30	60	50
*: Decreases with the logarithm of the frequency.		

Measurement Uncertainty

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor $k = 1.96$, $U = 2.69$ dB.

Test Results:

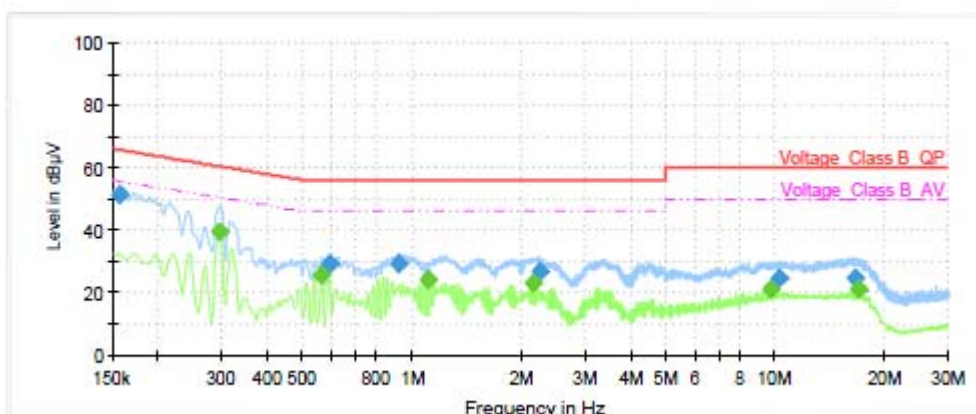
Following plots, Blue trace uses the peak detection and Green trace uses the average detection. During the test, the Conducted Emission was performed in all modes with all channels, 802.11ac VHT80, Channel 122 are selected as the worst condition. The test data of the worst-case condition was recorded in this report.



Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.29	---	40.74	50.41	9.67	1000.0	9.000	L1	ON	19.20
0.30	46.82	---	60.35	13.53	1000.0	9.000	L1	ON	19.20
0.49	30.44	---	56.25	25.81	1000.0	9.000	L1	ON	19.23
0.54	---	23.92	46.00	22.08	1000.0	9.000	L1	ON	19.25
1.35	---	29.96	46.00	16.04	1000.0	9.000	L1	ON	19.19
1.40	33.19	---	56.00	22.81	1000.0	9.000	L1	ON	19.18
2.72	---	21.19	46.00	24.81	1000.0	9.000	L1	ON	19.02
2.82	25.50	---	56.00	30.50	1000.0	9.000	L1	ON	19.04
12.22	---	19.29	50.00	30.71	1000.0	9.000	L1	ON	19.41
12.31	24.13	---	60.00	35.87	1000.0	9.000	L1	ON	19.41
16.40	28.97	---	60.00	31.03	1000.0	9.000	L1	ON	19.50
17.00	---	23.45	50.00	26.55	1000.0	9.000	L1	ON	19.56

Remark: Correct factor=cable loss + LISN factor

L line Conducted Emission from 150 KHz to 30 MHz



Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.16	51.21	---	65.63	14.43	1000.0	9.000	N	ON	19.11
0.29	---	39.45	50.41	10.96	1000.0	9.000	N	ON	19.20
0.56	---	25.89	46.00	20.11	1000.0	9.000	N	ON	19.26
0.59	29.25	---	56.00	26.75	1000.0	9.000	N	ON	19.27
0.92	29.00	---	56.00	27.00	1000.0	9.000	N	ON	19.24
1.10	---	23.91	46.00	22.09	1000.0	9.000	N	ON	19.24
2.15	---	22.89	46.00	23.11	1000.0	9.000	N	ON	19.07
2.25	26.88	---	56.00	29.12	1000.0	9.000	N	ON	19.06
9.72	---	21.12	50.00	28.88	1000.0	9.000	N	ON	19.38
10.28	24.73	---	60.00	35.27	1000.0	9.000	N	ON	19.41
16.56	24.83	---	60.00	35.17	1000.0	9.000	N	ON	19.46
17.03	---	20.88	50.00	29.12	1000.0	9.000	N	ON	19.50

Remark: Correct factor=cable loss + LISN factor

N line Conducted Emission from 150 KHz to 30 MHz



6. Main Test Instruments

Name	Manufacturer	Type	Serial Number	Calibration Date	Expiration Date
Spectrum Analyzer	R&S	FSV40	15195-01-00	2019-05-19	2020-05-18
EMI Test Receiver	R&S	ESCI	100948	2019-05-19	2020-05-18
Loop Antenna	SCHWARZBECK	FMZB1519	1519-047	2017-09-26	2019-09-25
TRILOG Broadband Antenna	SCHWARZBECK	VULB 9163	9163-201	2017-11-18	2019-11-17
Double Ridged Waveguide Horn Antenna	R&S	HF907	100126	2018-07-07	2020-07-06
Standard Gain Horn	ETS-Lindgren	3160-09	00102643	2018-06-20	2020-06-19
Standard Gain Horn	STEATITE	QSH-SL-26-40-K-15	16779	2017-07-20	2019-07-19
Broadband Horn Antenna	SCHWARZBECK	BBHA 9120D	430	2018-07-07	2020-07-06
EMI Test Receiver	R&S	ESR	101667	2019-05-19	2020-05-18
LISN	R&S	ENV216	101171	2016-12-16	2019-12-15
Spectrum Analyzer	KEYSIGHT	N9020A	MY54420163	2018-12-16	2019-12-15
RF Cable	Agilent	SMA 15cm	0001	2019-06-14	2019-09-13
TEMPERATURE CHAMBER	WEISS	VT4002	58226119450010	2018-12-16	2019-12-15
AV Power Meter	R&S	NRP	104306	2019-05-19	2020-05-18
Power Probe	R&S	NRP-Z21	104799	2019-05-19	2020-05-18
DC Power Supply	GWINSTEK	GPS-3030D	GEP882653	2019-05-19	2020-05-18
Software	R&S	EMC32	9.26.0	/	/

*****END OF REPORT *****