

Note: The signal beyond the limit is carrier.

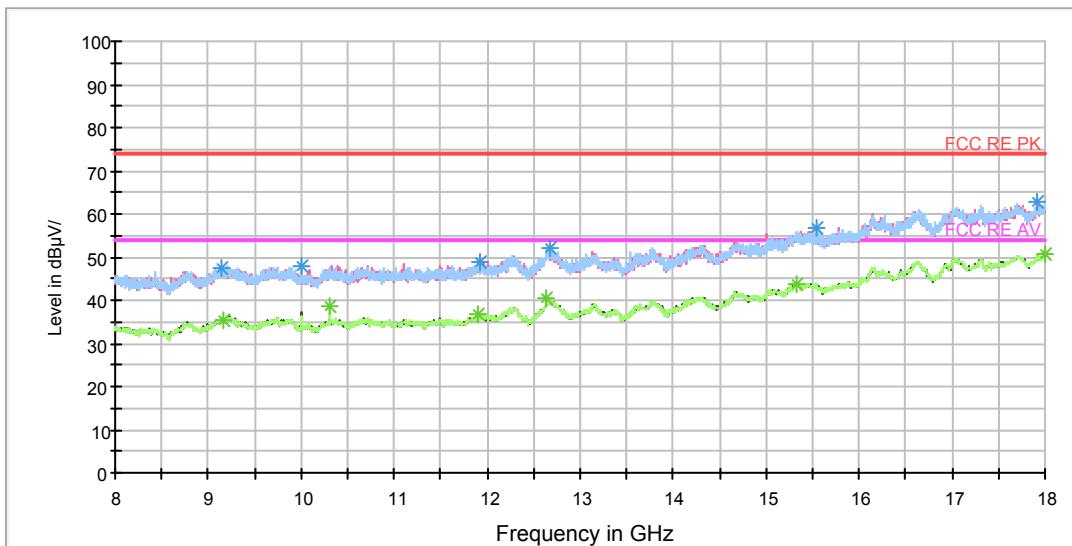
Radiates Emission from 3GHz to 8GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	45.2	202.0	H	0.0	48.4	-3.2	28.8	74
3565.625000	57.5	202.0	V	110.0	59.6	-2.1	16.5	74
4896.875000	45.7	102.0	V	0.0	47.6	-1.9	28.3	74
5467.500000	48.8	202.0	V	213.0	51.7	-2.9	25.2	74
6756.875000	46.2	202.0	V	130.0	51.7	-5.5	27.8	74
6906.875000	55.5	102.0	H	87.0	61.8	-6.3	18.5	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	42.5	202.0	V	0.0	45.7	-3.2	11.5	54
3565.000000	44.8	102.0	V	104.0	46.9	-2.1	9.2	54
4895.625000	33.0	202.0	V	110.0	34.9	-1.9	21.0	54
5466.250000	31.4	102.0	H	108.0	34.3	-2.9	22.6	54
6043.125000	35.0	202.0	V	321.0	39.9	-4.9	19.0	54
6906.875000	53.4	102.0	H	87.0	59.7	-6.3	0.6	54

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



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	Peak (dB _{uV/m})	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB _{uV/m})	Correct Factor (dB)	Margin (dB)	Limit (dB _{uV/m})
9148.750000	47.4	101.0	V	216.0	57.5	-10.1	26.6	74
10001.250000	47.8	202.0	H	51.0	57.5	-9.7	26.2	74
11915.000000	49.0	101.0	V	269.0	60.8	-11.8	25.0	74
12676.250000	52.3	202.0	V	0.0	66.5	-14.2	21.7	74
15548.750000	57.0	101.0	H	64.0	75.9	-18.9	17.0	74
17920.000000	62.7	101.0	V	0.0	88.5	-25.8	11.3	74

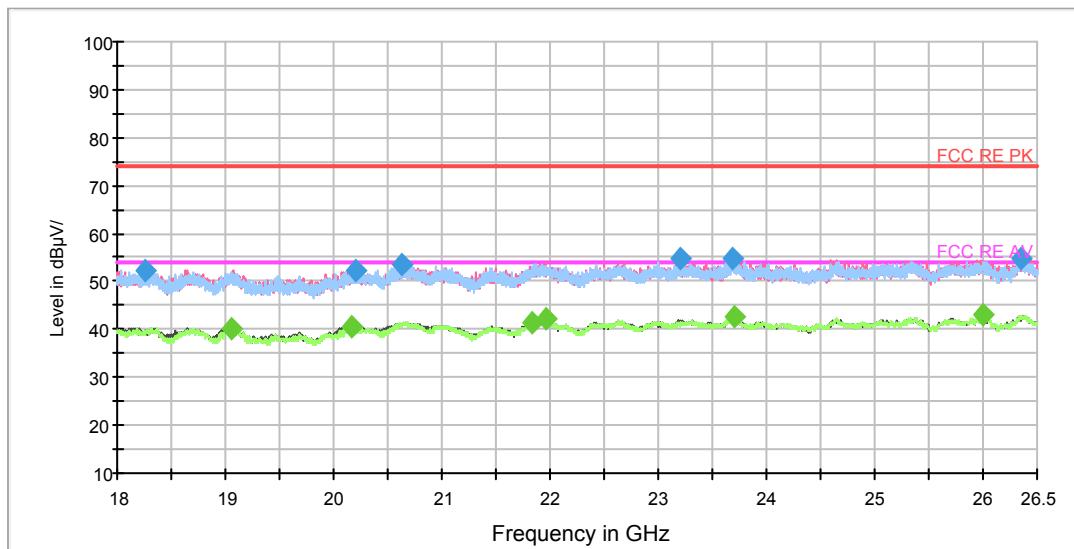
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dB _{uV/m})	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB _{uV/m})	Correct Factor (dB)	Margin (dB)	Limit (dB _{uV/m})
9153.750000	35.5	202.0	H	106.0	45.7	-10.2	18.5	54
10312.500000	38.6	101.0	H	38.0	48.6	-10.0	15.4	54
11901.250000	37.0	202.0	V	0.0	49.3	-12.3	17.0	54
12641.250000	40.4	101.0	H	91.0	54.9	-14.5	13.6	54
15330.000000	43.9	202.0	V	65.0	62.5	-18.6	10.1	54
18000.000000	50.5	101.0	V	216.0	76.0	-25.5	3.5	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 (dB μ V/m)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
18264.562500	52.5	H	90.0	55.4	-2.9	21.5	74.0
20210.000000	52.2	H	90.0	58.1	-5.9	21.8	74.0
20631.812500	53.7	H	90.0	60.2	-6.5	20.3	74.0
23195.625000	54.8	V	90.0	60.8	-6.0	19.2	74.0
23676.937500	54.7	H	119.0	60.6	-5.9	19.3	74.0
26356.562500	54.7	V	270.0	60.1	-5.4	19.3	74.0

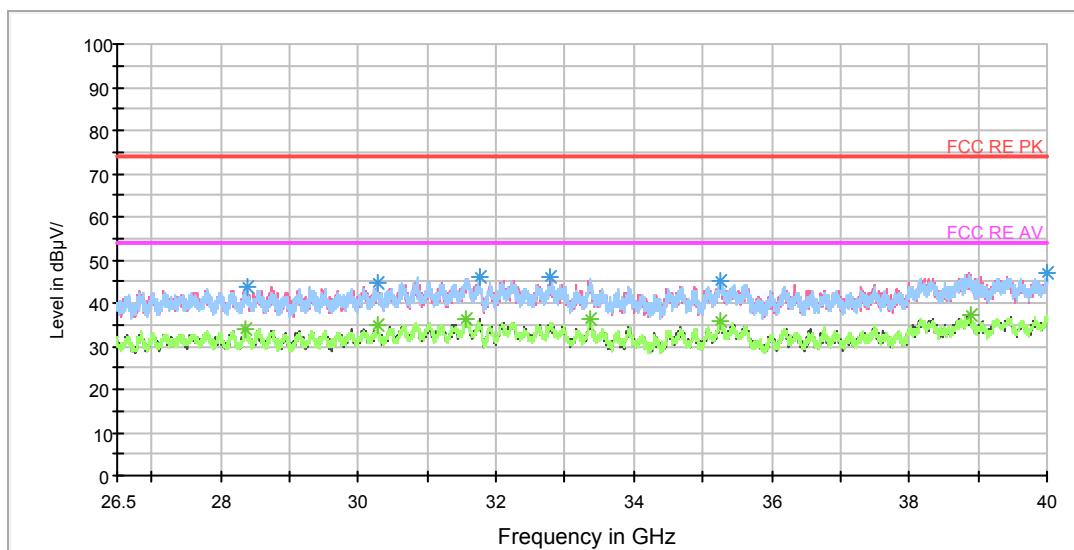
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dB μ V/m)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
19064.625000	40.2	H	92.0	45.4	-5.2	13.8	54.0
20165.375000	40.4	V	255.0	46.2	-5.8	13.6	54.0
21838.812500	41.4	H	90.0	49.4	-8.0	12.6	54.0
21967.375000	42.1	V	268.0	50.1	-8.0	11.9	54.0
23697.125000	42.5	V	214.0	48.4	-5.9	11.5	54.0
25998.500000	42.9	H	90.0	48.3	-5.4	11.1	54.0

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



RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28381.562500	43.6	101.0	H	60.0	45.1	-1.5	30.4	74
30293.500000	44.4	101.0	V	300.0	44.8	-0.4	29.6	74
31756.562500	45.9	101.0	H	60.0	46.4	-0.5	28.1	74
32797.750000	45.9	101.0	V	232.0	46.7	-0.8	28.1	74
35263.187500	45.1	101.0	H	60.0	45.7	-0.6	28.9	74
39993.250000	47.1	101.0	V	132.0	44.8	-2.3	26.9	74

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

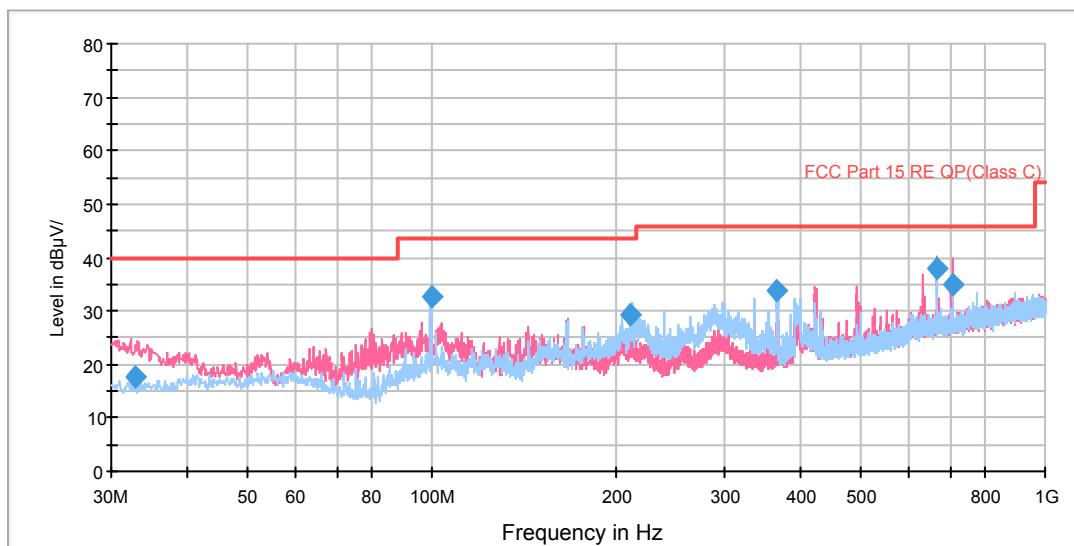
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28371.437500	33.8	101.0	H	105.0	35.3	-1.5	20.2	54
30286.750000	34.9	101.0	H	60.0	35.3	-0.4	19.1	54
31570.937500	36.2	101.0	H	60.0	36.7	-0.5	17.8	54
33363.062500	36.2	101.0	H	300.0	37.2	-1.0	17.8	54
35256.437500	35.8	101.0	V	300.0	36.4	-0.6	18.2	54
38884.562500	37.3	101.0	V	300.0	34.4	2.9	16.7	54

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



SISO Antenna 4 802.11a CH40

RE 0.03-1GHz QP Class B



Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dB μ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
32.863750	17.7	100.0	V	136.0	29.6	-11.9	22.3	40.0
99.920000	32.6	125.0	H	353.0	45.8	-13.2	10.9	43.5
211.272500	29.4	125.0	H	68.0	41.9	-12.5	14.1	43.5
365.175000	33.6	100.0	H	258.0	50.7	-17.1	12.4	46.0
663.855000	37.9	100.0	V	187.0	60.5	-22.6	8.1	46.0
706.898750	34.8	100.0	V	344.0	57.8	-23.0	11.2	46.0

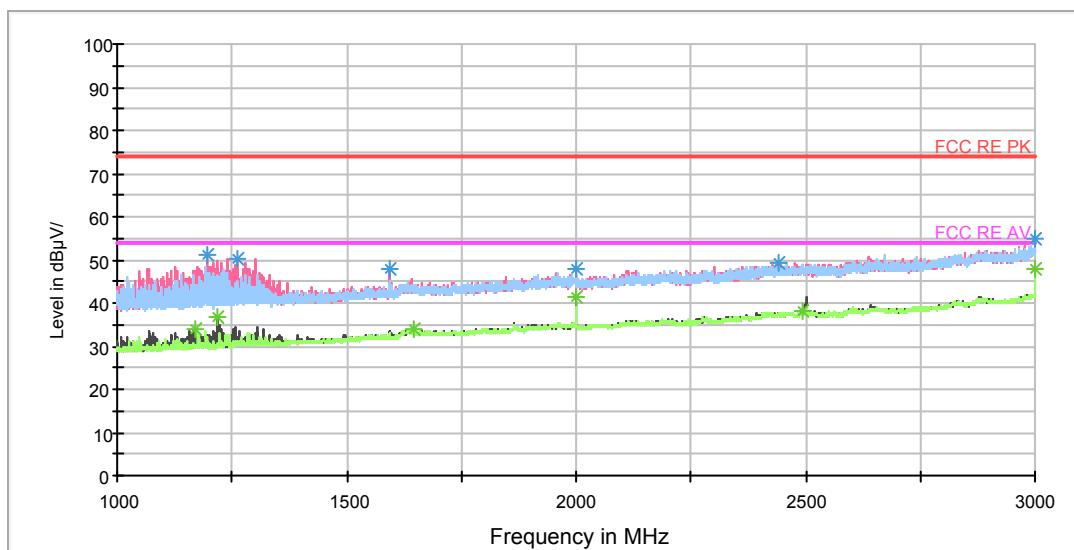
Remark: 1. Quasi-Peak = Reading value + Correction factor

2. Correction Factor = Antenna factor+ Insertion loss(cable loss+amplifier gain)

3. Margin = Limit – Quasi-Peak



RE 1G-3GHz PK+AV



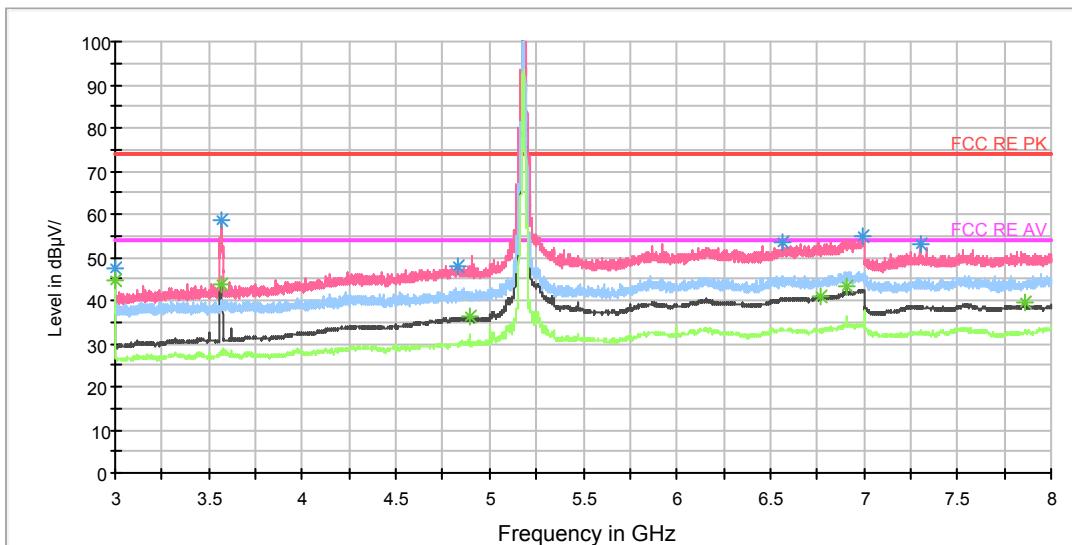
Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1195.250000	51.1	102.0	V	88.0	59.3	-8.2	22.9	74
1260.250000	50.3	102.0	V	88.0	58.1	-7.8	23.7	74
1593.500000	47.8	102.0	V	77.0	54.2	-6.4	26.2	74
2000.500000	48.0	102.0	V	88.0	51.4	-3.4	26.0	74
2440.250000	49.3	202.0	V	93.0	49.7	-0.4	24.7	74
3000.000000	54.8	102.0	V	22.0	57.1	-2.3	19.2	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)
1170.750000	33.8	102.0	V	157.0	41.9	-8.1	20.2	54
1218.750000	36.9	102.0	V	88.0	44.8	-7.9	17.1	54
1645.500000	33.9	202.0	V	123.0	38.8	-4.9	20.1	54
2000.250000	41.3	202.0	V	143.0	44.7	-3.4	12.7	54
2492.000000	38.1	102.0	H	0.0	38.4	-0.3	15.9	54
3000.000000	48.1	202.0	V	195.0	50.4	-2.3	5.9	54

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



Note: The signal beyond the limit is carrier.

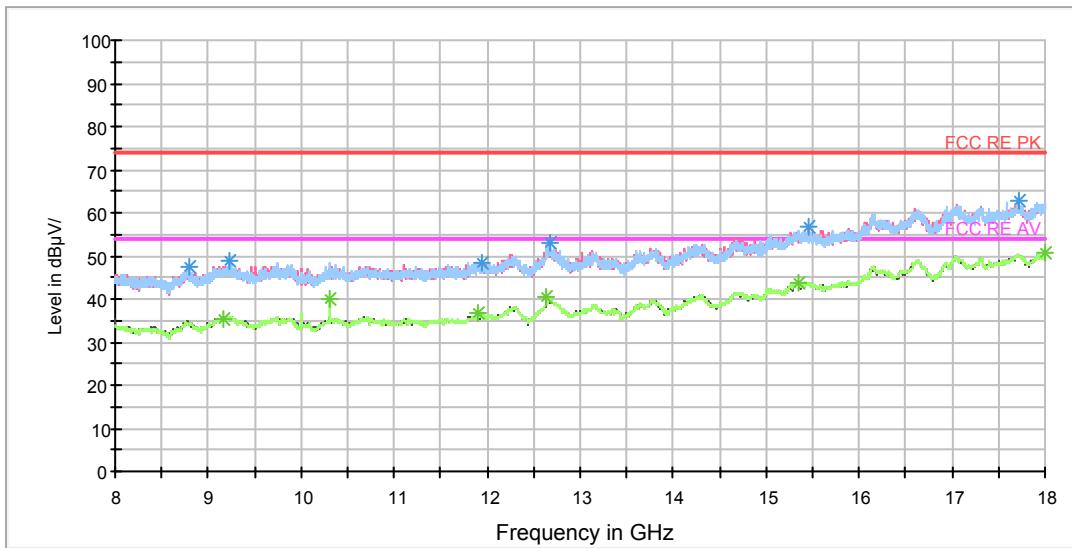
Radiates Emission from 3GHz to 8GHz

Frequency (MHz)	Peak (dB _{µV/m})	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB _{µV/m})	Correct Factor (dB)	Margin (dB)	Limit (dB _{µV/m})
3000.000000	47.6	203.0	H	200.0	50.8	-3.2	26.4	74
3566.250000	58.8	203.0	V	0.0	61.0	-2.2	15.2	74
4828.125000	48.1	203.0	V	53.0	49.5	-1.4	25.9	74
6568.125000	53.4	104.0	V	208.0	59.1	-5.7	20.6	74
6998.125000	54.8	104.0	V	0.0	61.3	-6.5	19.2	74
7298.750000	52.8	104.0	V	312.0	59.8	-7.0	21.2	74

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

Frequency (MHz)	Average (dB _{µV/m})	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB _{µV/m})	Correct Factor (dB)	Margin (dB)	Limit (dB _{µV/m})
3000.000000	44.7	203.0	H	200.0	47.9	-3.2	9.3	54
3563.750000	43.5	203.0	V	0.0	45.6	-2.1	10.5	54
4891.875000	36.4	203.0	V	53.0	38.3	-1.9	17.6	54
6770.000000	40.8	203.0	V	102.0	46.3	-5.5	13.2	54
6906.875000	43.3	104.0	V	338.0	49.6	-6.3	10.7	54
7856.250000	39.5	104.0	V	208.0	46.7	-7.2	14.5	54

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



Frequency (MHz)	Peak (dB μ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
8805.000000	47.5	103.0	H	0.0	55.6	-8.1	26.5	74
9233.750000	49.0	103.0	H	0.0	58.9	-9.9	25.0	74
11951.250000	48.6	202.0	V	0.0	60.4	-11.8	25.4	74
12671.250000	53.0	202.0	V	9.0	67.1	-14.1	21.0	74
15450.000000	56.5	103.0	V	164.0	76.0	-19.5	17.5	74
17710.000000	62.7	202.0	V	281.0	87.4	-24.7	11.3	74

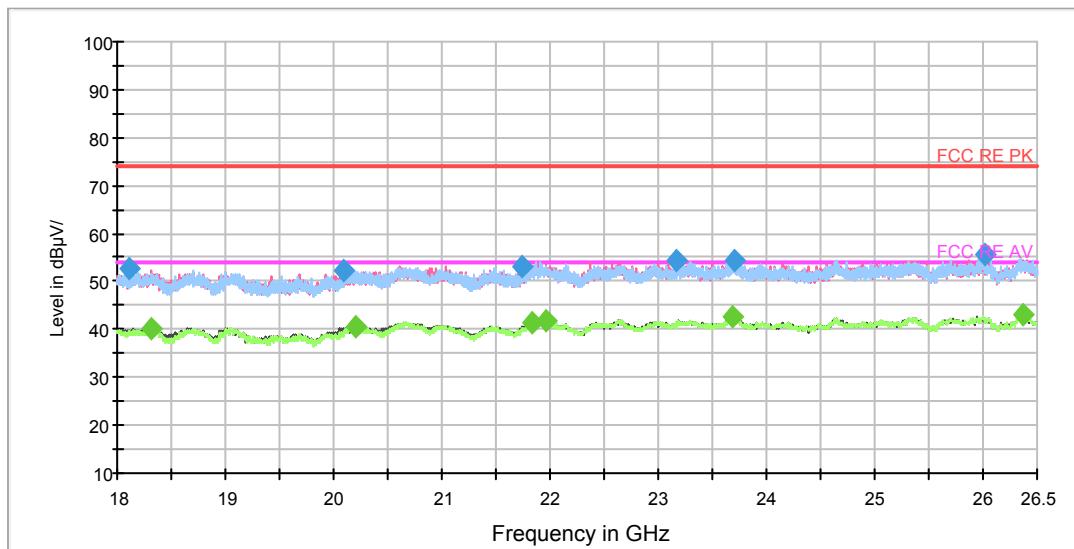
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dB μ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
9157.500000	35.6	202.0	V	0.0	45.9	-10.3	18.4	54
10312.500000	39.8	103.0	H	35.0	49.8	-10.0	14.2	54
11900.000000	36.8	202.0	H	23.0	49.1	-12.3	17.2	54
12640.000000	40.3	103.0	H	62.0	54.9	-14.6	13.7	54
15343.750000	43.9	202.0	H	108.0	62.7	-18.8	10.1	54
18000.000000	50.6	202.0	H	0.0	76.1	-25.5	3.4	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 (dB μ V/m)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
18111.562500	52.5	H	104.0	54.8	-2.3	21.5	74
20101.625000	52.4	V	270.0	58.2	-5.8	21.6	74
21738.937500	53.2	H	173.0	61.2	-8.0	20.8	74
23173.312500	54.4	V	131.0	60.5	-6.1	19.6	74
23699.250000	54.5	H	118.0	60.4	-5.9	19.5	74
26010.187500	55.5	H	90.0	60.9	-5.4	18.5	74

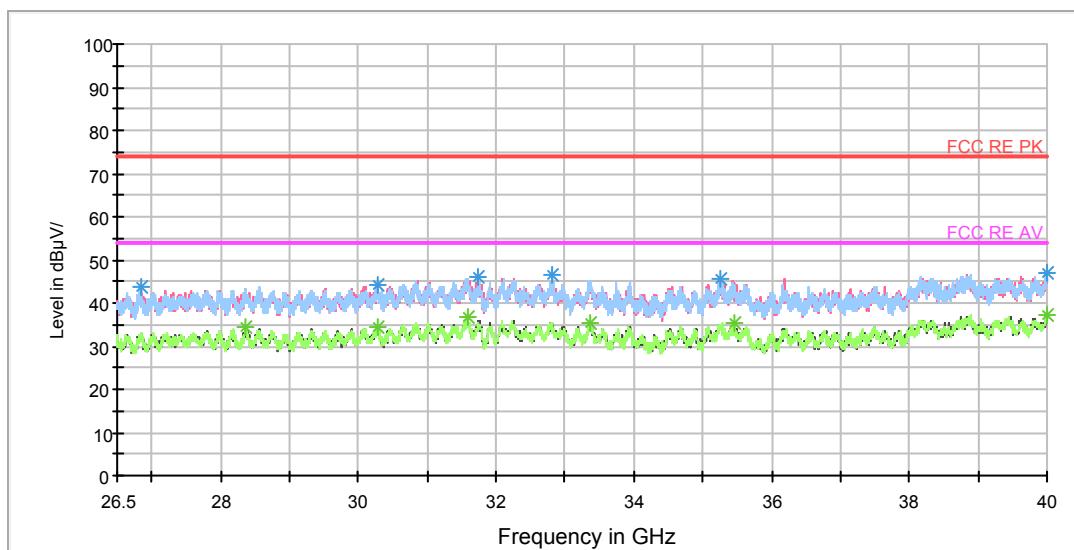
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dB μ V/m)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
18323.000000	40.3	V	214.0	43.5	-3.2	13.7	54
20205.750000	40.4	V	145.0	46.3	-5.9	13.6	54
21839.875000	41.4	H	215.0	49.4	-8.0	12.6	54
21967.375000	42.0	V	270.0	50.0	-8.0	12.0	54
23691.812500	42.5	H	90.0	48.4	-5.9	11.5	54
26370.375000	42.9	H	187.0	48.3	-5.4	11.1	54

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



RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
26845.937500	43.7	101.0	V	257.0	44.4	-0.7	30.3	74
30276.625000	44.0	101.0	V	257.0	44.4	-0.4	30.0	74
31746.437500	46.0	101.0	H	60.0	46.5	-0.5	28.0	74
32806.187500	46.4	101.0	H	281.0	47.2	-0.8	27.6	74
35249.687500	45.8	101.0	V	300.0	46.4	-0.6	28.2	74
39988.187500	46.9	101.0	V	182.0	44.6	2.3	27.1	74

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

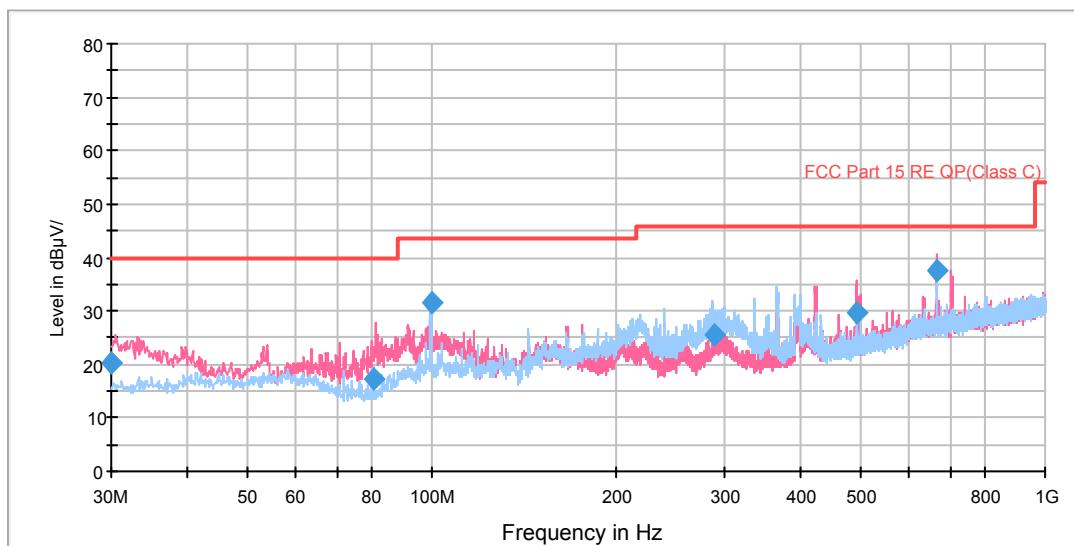
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28376.500000	34.5	101.0	H	60.0	36.0	-1.5	19.5	54
30274.937500	34.3	101.0	H	79.0	34.7	-0.4	19.7	54
31582.750000	36.6	101.0	H	153.0	37.1	-0.5	17.4	54
33356.312500	35.5	101.0	H	128.0	36.5	-1.0	18.5	54
35455.562500	35.5	101.0	V	182.0	36.0	-0.5	18.5	54
39996.625000	37.1	101.0	V	300.0	34.8	2.3	16.9	54

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



SISO Antenna 4 802.11a CH48

RE 0.03-1GHz QP Class B



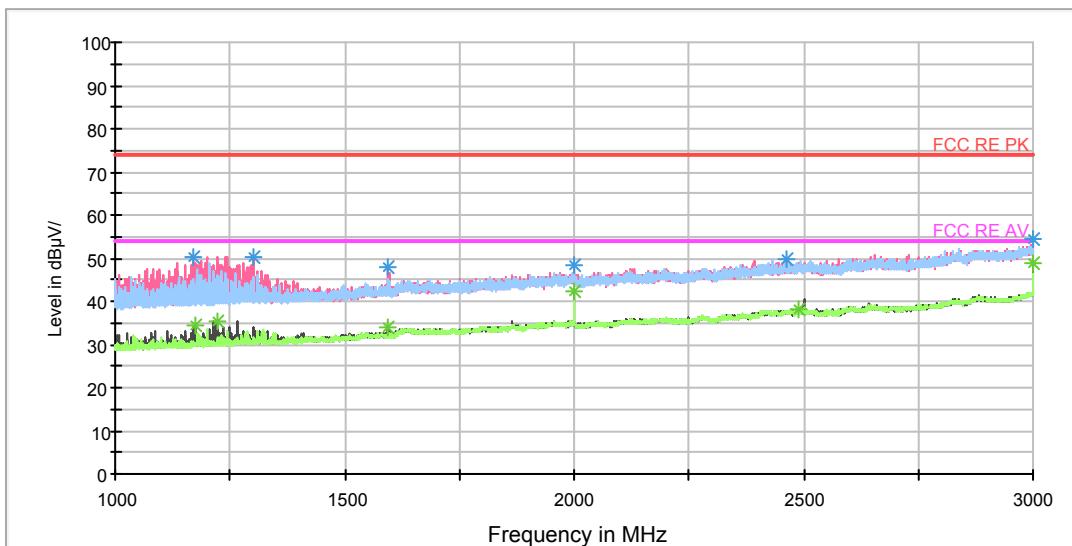
Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dB μ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
30.080000	20.4	100.0	V	176.0	32.3	-11.9	19.6	40.0
80.405000	17.4	125.0	V	127.0	26.1	-8.7	22.6	40.0
99.921250	31.7	125.0	H	0.0	44.9	-13.2	11.8	43.5
288.013750	25.6	114.0	H	0.0	40.7	-15.1	20.4	46.0
493.100000	29.8	100.0	V	0.0	49.5	-19.7	16.2	46.0
666.441250	37.7	100.0	V	255.0	60.3	-22.6	8.3	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



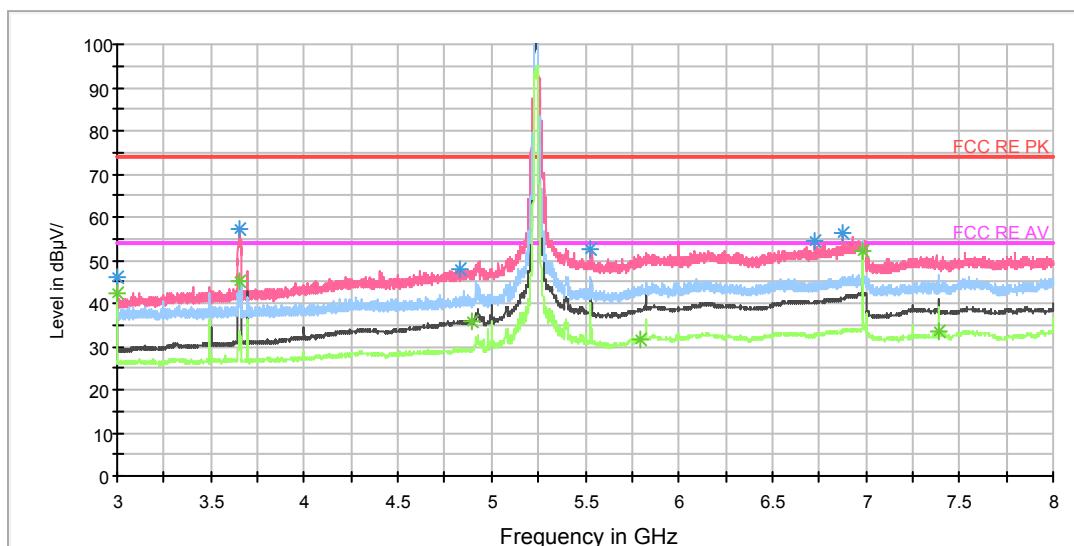
Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dB _{B1V/m})	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB _{B1V/m})	Correct Factor (dB)	Margin (dB)	Limit (dB _{B1V/m})
1172.000000	50.2	102.0	V	80.0	58.3	-8.1	23.8	74
1300.500000	50.4	102.0	V	92.0	58.3	-7.9	23.6	74
1595.250000	48.0	102.0	V	187.0	54.4	-6.4	26.0	74
2000.250000	48.2	202.0	V	149.0	51.6	-3.4	25.8	74
2462.250000	49.8	102.0	V	0.0	50.3	-0.5	24.2	74
3000.000000	54.5	202.0	H	180.0	56.8	-2.3	19.5	74

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

Frequency (MHz)	Average (dB _{B1V/m})	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB _{B1V/m})	Correct Factor (dB)	Margin (dB)	Limit (dB _{B1V/m})
1174.500000	34.3	102.0	V	80.0	42.3	-8.0	19.7	54
1220.750000	35.5	102.0	V	80.0	43.4	-7.9	18.5	54
1595.500000	33.8	102.0	V	196.0	40.2	-6.4	20.2	54
2000.000000	42.4	102.0	V	134.0	45.8	-3.4	11.6	54
2489.750000	38.1	202.0	H	0.0	38.4	-0.3	15.9	54
3000.000000	48.6	202.0	V	200.0	50.9	-2.3	5.4	54

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



Note: The signal beyond the limit is carrier.

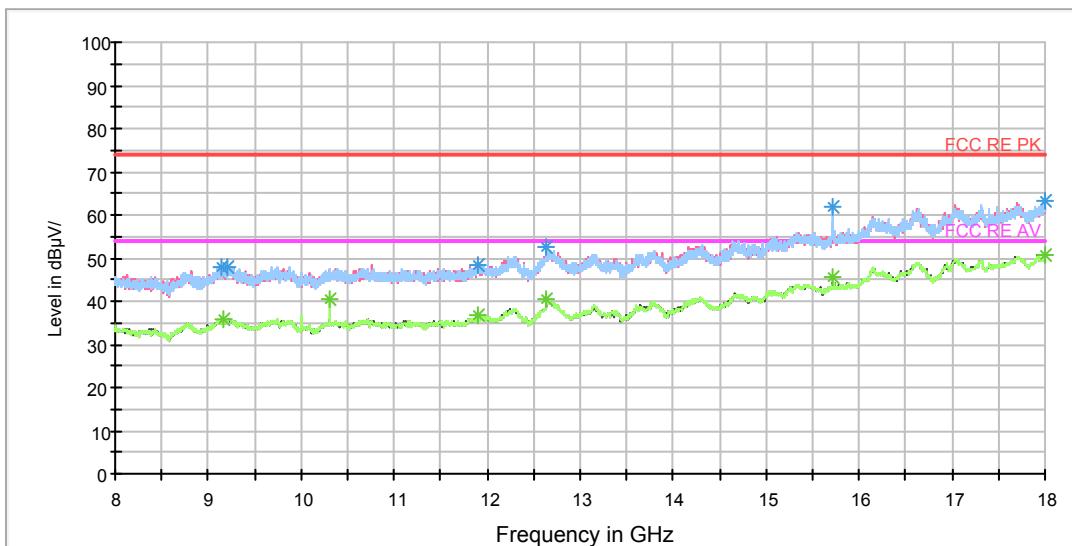
Radiates Emission from 3GHz to 8GHz

Frequency (MHz)	Peak (dB μ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
3000.000000	46.3	202.0	V	31.0	49.5	-3.2	27.7	74
3651.875000	57.4	202.0	V	276.0	59.3	-1.9	16.6	74
4835.625000	48.0	102.0	V	0.0	49.5	-1.5	26.0	74
5531.250000	52.6	102.0	V	240.0	55.8	-3.2	21.4	74
6725.000000	54.4	102.0	V	262.0	59.7	-5.3	19.6	74
6874.375000	56.1	202.0	V	10.0	62.0	-5.9	17.9	74

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

Frequency (MHz)	Average (dB μ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
3000.000000	42.3	202.0	V	31.0	45.5	-3.2	11.7	54
3653.750000	45.2	202.0	V	256.0	47.1	-1.9	8.8	54
4897.500000	36.0	202.0	V	0.0	37.9	-1.9	18.0	54
5790.625000	31.6	102.0	H	26.0	35.7	-4.1	22.4	54
6986.875000	52.2	202.0	H	316.0	58.6	-6.4	1.8	54
7387.500000	33.5	102.0	H	47.0	40.5	-7.0	20.5	54

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



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9150.000000	47.7	202.0	V	115.0	57.8	-10.1	26.3	74
9197.500000	48.1	202.0	V	170.0	58.3	-10.2	25.9	74
11896.250000	48.5	101.0	V	329.0	60.7	-12.2	25.5	74
12641.250000	52.7	202.0	H	352.0	67.2	-14.5	21.3	74
15721.250000	61.8	202.0	H	137.0	81.2	-19.4	12.2	74
17992.500000	63.3	103.0	H	88.0	88.6	-25.3	10.7	74

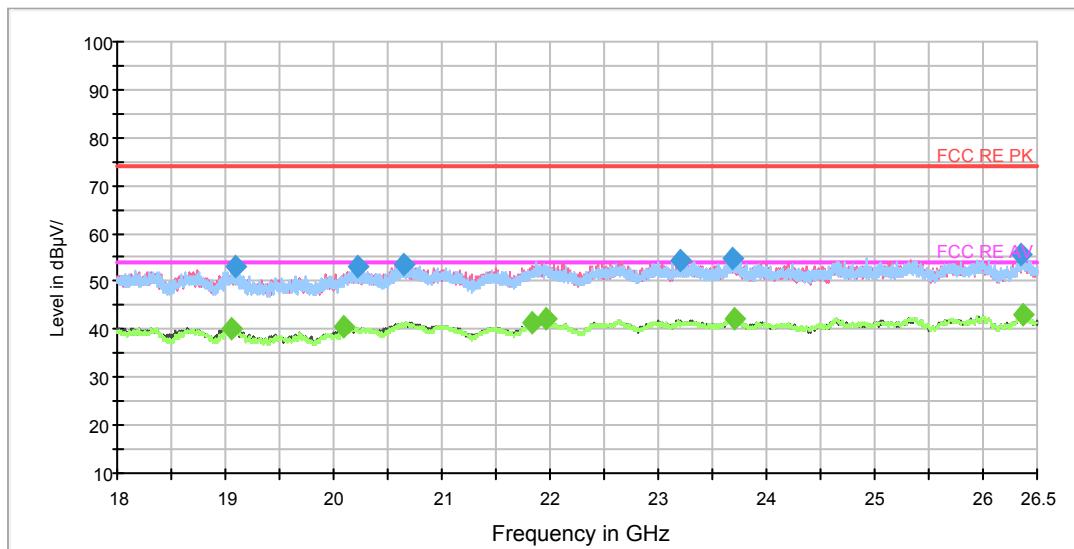
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9153.750000	35.7	202.0	V	0.0	45.9	-10.2	18.3	54
10312.500000	40.2	103.0	H	34.0	50.2	-10.0	13.8	54
11901.250000	36.9	103.0	H	0.0	49.2	-12.3	17.1	54
12641.250000	40.3	202.0	V	0.0	54.8	-14.5	13.7	54
15716.250000	45.4	202.0	H	137.0	64.8	-19.4	8.6	54
18000.000000	50.6	101.0	V	245.0	76.1	-25.5	3.4	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)
19088.000000	53.0	H	90.0	58.3	-5.3	21.0	74.0
20223.812500	52.9	H	119.0	58.8	-5.9	21.1	74.0
20655.187500	53.4	H	187.0	60.0	-6.6	20.6	74.0
23203.062500	54.4	H	90.0	60.4	-6.0	19.6	74.0
23690.750000	54.7	V	256.0	60.6	-5.9	19.3	74.0
26344.875000	55.4	V	269.0	60.8	-5.4	18.6	74.0

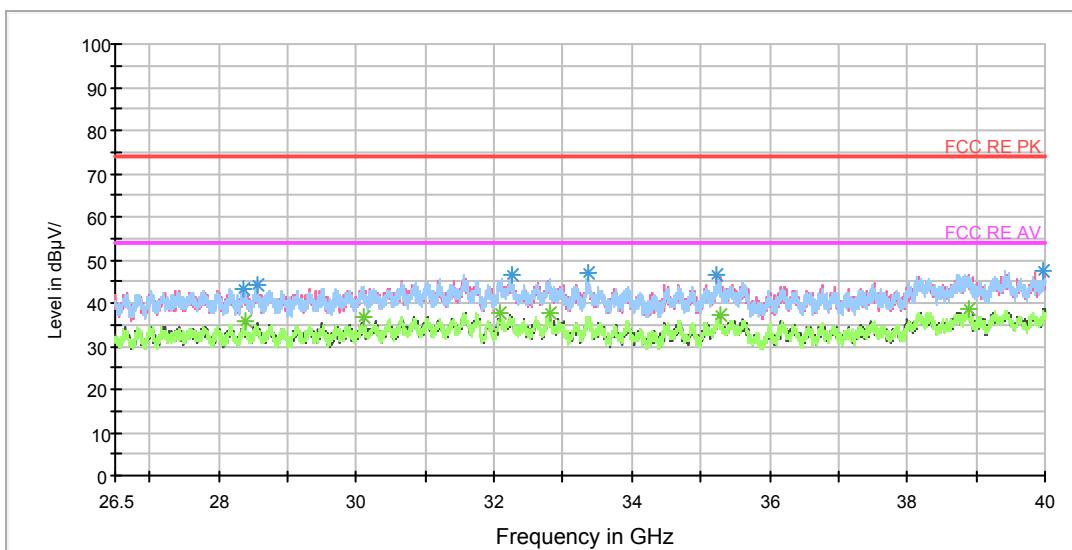
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
19057.187500	40.3	H	105.0	45.5	-5.2	13.7	54.0
20096.312500	40.4	V	90.0	46.2	-5.8	13.6	54.0
21839.875000	41.4	V	256.0	49.4	-8.0	12.6	54.0
21964.187500	42.1	V	227.0	50.1	-8.0	11.9	54.0
23695.000000	42.3	V	256.0	48.2	-5.9	11.7	54.0
26368.250000	42.9	H	173.0	48.3	-5.4	11.1	54.0

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



RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28356.250000	43.4	101.0	V	300.0	44.9	-1.5	30.6	74
28557.062500	44.2	101.0	V	257.0	45.6	-1.4	29.8	74
32264.500000	46.6	101.0	V	295.0	47.2	-0.6	27.4	74
33358.000000	46.9	101.0	H	94.0	47.9	-1.0	27.1	74
35241.250000	46.6	101.0	V	239.0	47.2	-0.6	27.4	74
39984.812500	47.3	101.0	V	295.0	45.0	2.3	26.7	74

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

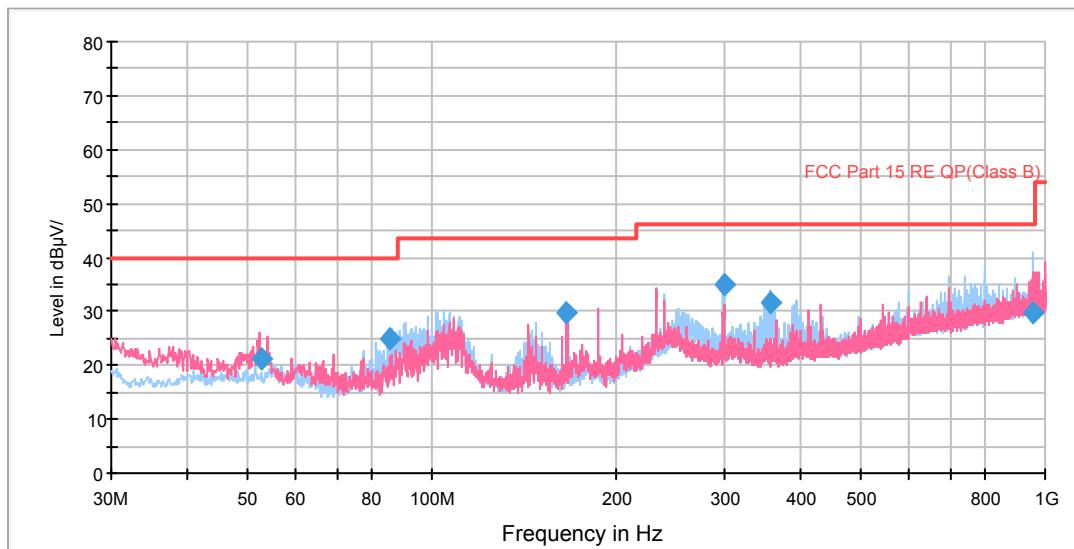
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28379.875000	35.8	101.0	V	200.0	37.3	-1.5	18.2	54
30111.250000	36.9	101.0	V	78.0	37.3	-0.4	17.1	54
32080.562500	37.7	101.0	V	172.0	38.2	-0.5	16.3	54
32802.812500	37.8	101.0	V	249.0	38.6	-0.8	16.2	54
35288.500000	37.3	101.0	V	89.0	37.9	-0.6	16.7	54
38896.375000	38.7	101.0	H	283.0	35.8	2.9	15.3	54

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



SISO Antenna 4 802.11a CH149

FCC RE 0.03-1GHz QP Class B



Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dB _µ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB _µ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB _µ V/m)
52.870000	21.2	100.0	V	96.0	34.0	-12.8	18.8	40.0
85.537500	25.1	217.0	H	327.0	35.5	-10.4	14.9	40.0
166.001250	29.9	100.0	V	242.0	39.9	-10.0	13.6	43.5
299.296250	34.8	100.0	H	249.0	50.2	-15.4	11.2	46.0
356.727500	31.7	100.0	H	0.0	48.5	-16.8	14.3	46.0
956.235000	29.7	100.0	H	316.0	55.8	-26.1	16.3	46.0

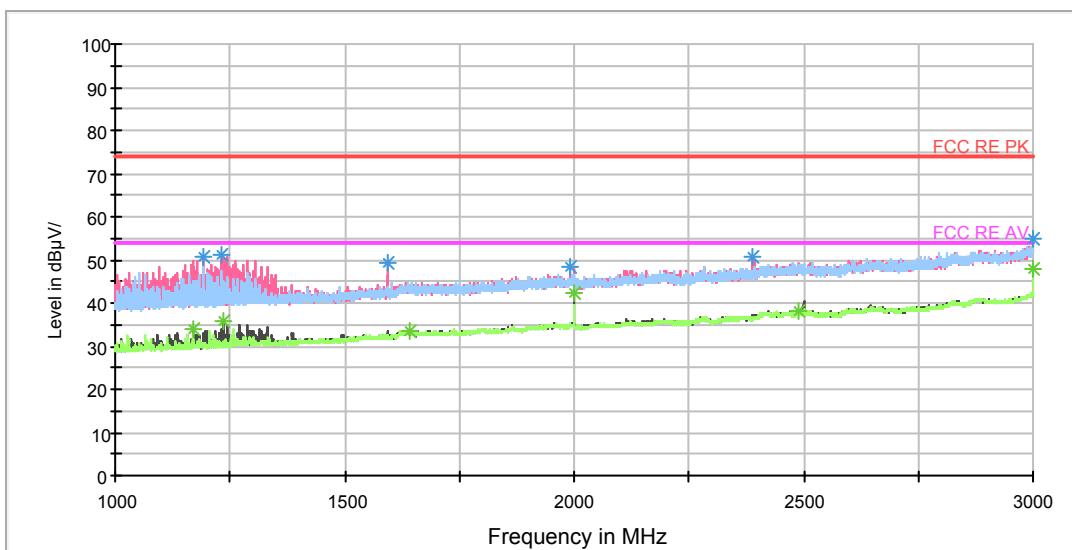
Remark: 1. Quasi-Peak = Reading value + Correction factor

2. Correction Factor = Antenna factor+ Insertion loss(cable loss+amplifier gain)

3. Margin = Limit – Quasi-Peak



RE 1G-3GHz PK+AV



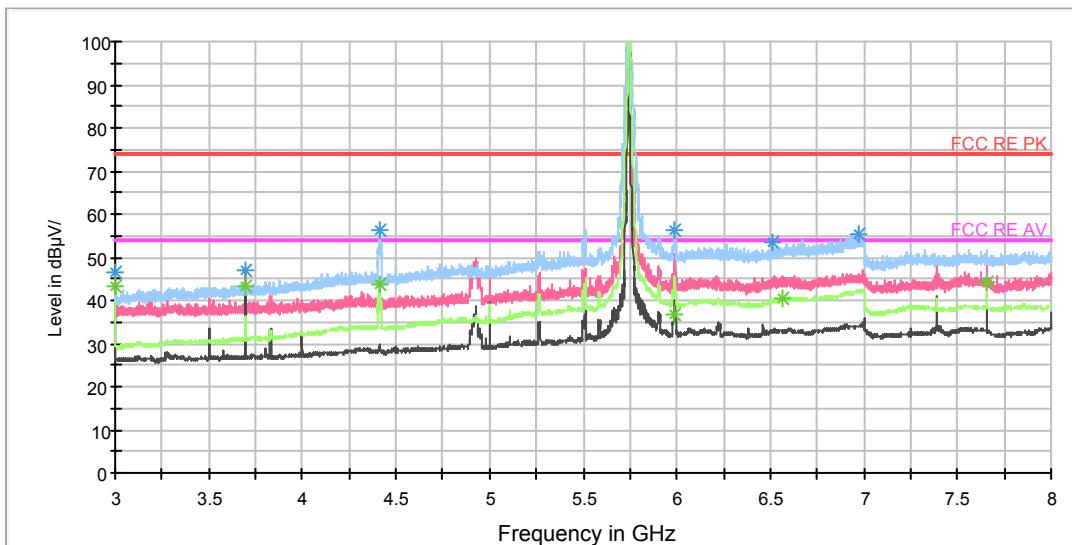
Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1193.250000	50.6	102.0	V	203.0	58.8	-8.2	23.4	74
1233.500000	51.2	102.0	V	83.0	59.0	-7.8	22.8	74
1593.250000	49.5	102.0	V	233.0	55.9	-6.4	24.5	74
1993.000000	48.3	102.0	V	129.0	51.6	-3.3	25.7	74
2390.250000	50.6	102.0	V	0.0	52.0	-1.4	23.4	74
3000.000000	54.9	102.0	V	0.0	57.2	-2.3	19.1	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1171.750000	33.9	102.0	V	162.0	42.0	-8.1	20.1	54
1234.250000	35.7	102.0	V	83.0	43.5	-7.8	18.3	54
1642.500000	33.7	202.0	V	100.0	38.5	-4.8	20.3	54
2000.250000	42.4	102.0	V	60.0	45.8	-3.4	11.6	54
2488.750000	38.3	102.0	V	48.0	38.5	-0.2	15.7	54
3000.000000	48.0	102.0	V	0.0	50.3	-2.3	6.0	54

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



Note: The signal beyond the limit is carrier.

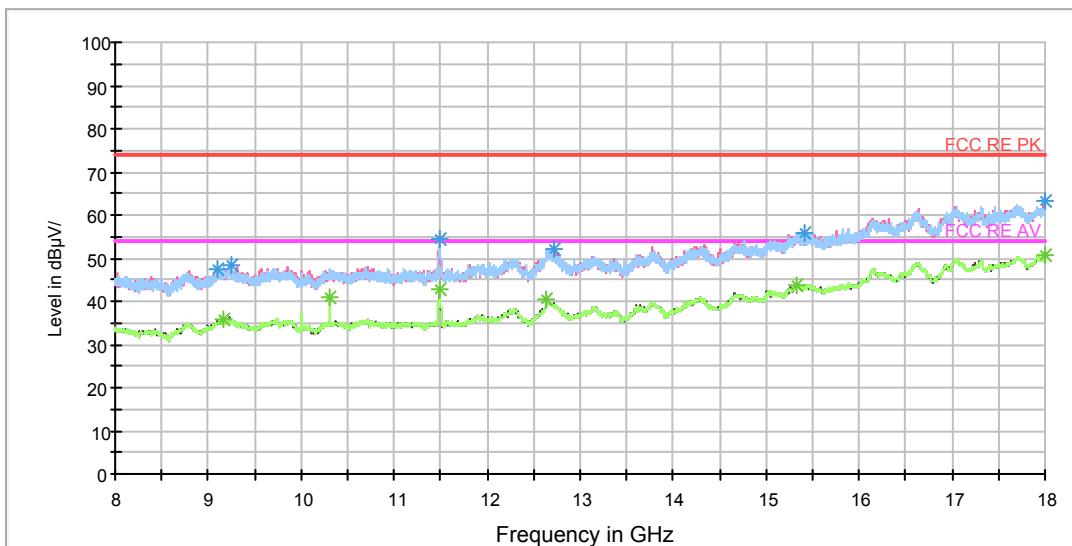
Radiates Emission from 3GHz to 8GHz

Frequency (MHz)	Peak (dB μ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
3000.000000	46.7	202.0	V	24.0	49.9	-3.2	27.3	74
3692.500000	46.8	202.0	V	0.0	48.5	-1.7	27.2	74
4409.375000	56.4	102.0	H	0.0	56.6	-0.2	17.6	74
6976.250000	55.4	202.0	H	0.0	61.7	-6.3	18.6	74
5990.625000	56.5	102.0	H	22.0	61.3	-4.8	17.5	74
6515.625000	53.4	102.0	H	275.0	58.9	-5.5	20.6	74

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

Frequency (MHz)	Average (dB μ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
3000.000000	43.5	202.0	V	24.0	46.7	-3.2	10.5	54
3692.500000	43.3	202.0	V	0.0	45.0	-1.7	10.7	54
4413.750000	43.7	102.0	H	0.0	43.9	-0.2	10.3	54
7660.000000	44.4	202.0	H	108.0	51.2	-6.8	9.6	54
5983.750000	36.9	202.0	V	87.0	41.7	-4.8	17.1	54
6561.250000	40.4	202.0	H	213.0	46.2	-5.8	13.6	54

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



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	Peak (dB _u V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB _u V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB _u V/m)
9100.000000	47.6	202.0	H	23.0	57.1	-9.5	26.4	74
9240.000000	48.5	103.0	H	0.0	58.4	-9.9	25.5	74
11488.750000	54.4	103.0	V	191.0	64.8	-10.4	19.6	74
12717.500000	52.3	202.0	H	108.0	66.2	-13.9	21.7	74
15420.000000	55.9	103.0	V	0.0	75.3	-19.4	18.1	74
18000.000000	63.1	202.0	V	35.0	88.6	-25.5	10.9	74

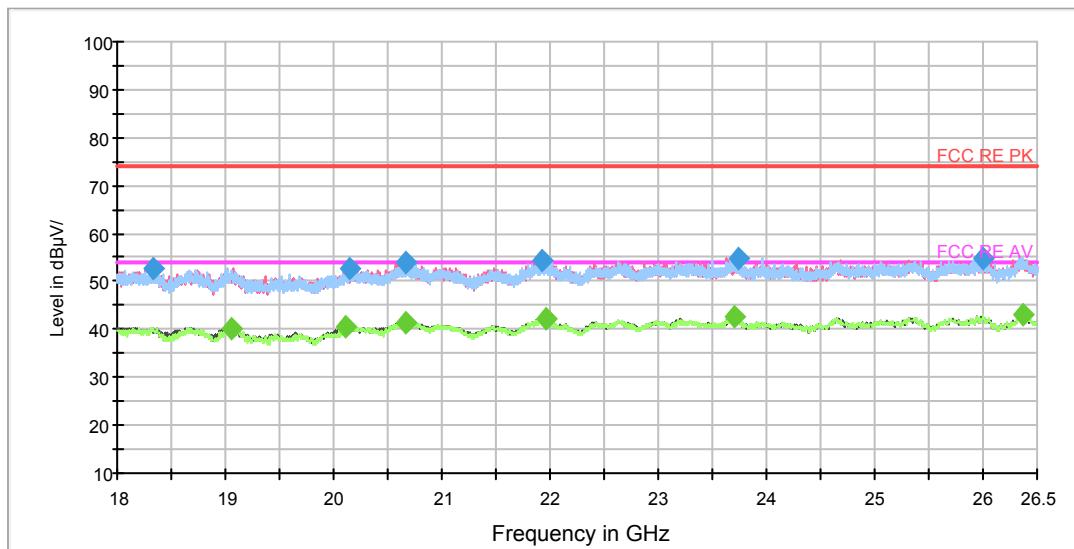
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dB _u V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB _u V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB _u V/m)
9155.000000	35.7	202.0	V	278.0	46.0	-10.3	18.3	54
10312.500000	40.7	103.0	H	35.0	50.7	-10.0	13.3	54
11492.500000	42.7	103.0	H	35.0	53.2	-10.5	11.3	54
12640.000000	40.3	202.0	V	0.0	54.9	-14.6	13.7	54
15335.000000	43.9	202.0	H	327.0	62.6	-18.7	10.1	54
17996.250000	50.6	103.0	H	143.0	76.0	-25.4	3.4	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)
18327.250000	52.9	V	289.0	56.1	-3.2	21.1	74.0
20147.312500	52.6	H	73.0	58.4	-5.8	21.4	74.0
20659.437500	53.9	H	113.0	60.5	-6.6	20.1	74.0
21918.500000	54.3	V	329.0	62.3	-8.0	19.7	74.0
23741.750000	54.9	H	0.0	60.8	-5.9	19.1	74.0
25992.125000	55.0	H	59.0	60.4	-5.4	19.0	74.0

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)
19055.062500	40.3	V	356.0	45.5	-5.2	13.7	54.0
20111.187500	40.4	V	12.0	46.2	-5.8	13.6	54.0
20663.687500	41.4	V	315.0	48.0	-6.6	12.6	54.0
21962.062500	42.1	V	56.0	50.1	-8.0	11.9	54.0
23702.437500	42.5	H	0.0	48.4	-5.9	11.5	54.0
26375.687500	42.9	H	319.0	48.3	-5.4	11.1	54.0

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



RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27792.625000	43.3	101.0	V	20.0	44.8	-1.5	30.7	74
29696.125000	44.3	101.0	V	252.0	44.9	-0.6	29.7	74
31574.312500	46.2	101.0	H	102.0	46.7	-0.5	27.8	74
32792.687500	45.7	101.0	V	47.0	46.5	-0.8	28.3	74
35442.062500	45.4	101.0	V	203.0	45.9	-0.5	28.6	74
39460.000000	46.6	101.0	V	299.0	43.9	2.7	27.4	74

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

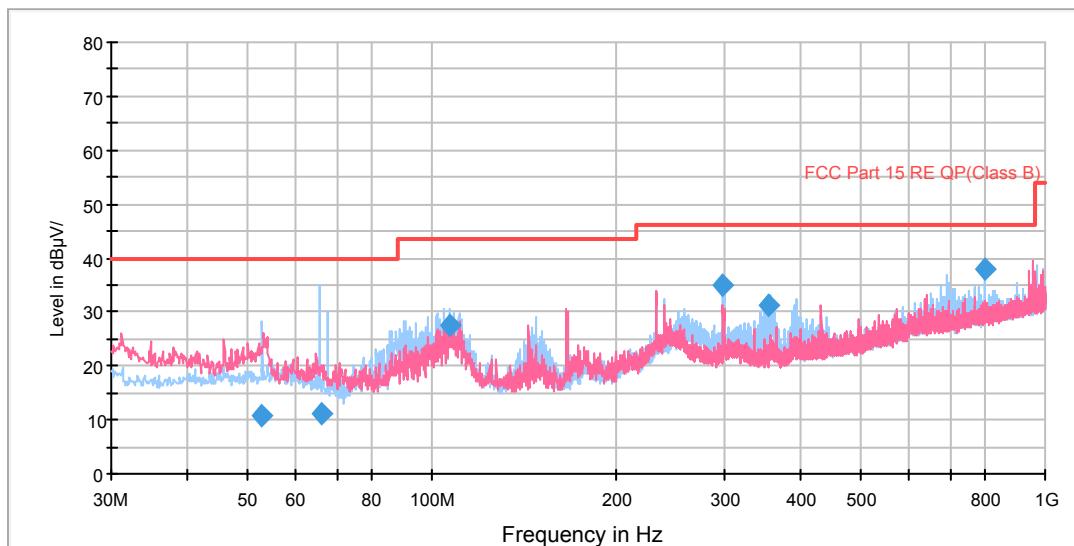
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28361.312500	33.8	101.0	V	129.0	35.3	-1.5	20.2	54
29139.250000	34.5	101.0	H	52.0	35.6	-1.1	19.5	54
31572.625000	36.7	101.0	V	154.0	37.2	-0.5	17.3	54
33379.937500	35.8	101.0	V	300.0	36.8	-1.0	18.2	54
35256.437500	35.6	101.0	V	47.0	36.2	-0.6	18.4	54
39991.562500	37.2	101.0	H	0.0	34.9	2.3	16.8	54

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



SISO Antenna 3 802.11a CH157

FCC RE 0.03-1GHz QP Class B



Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
52.596250	10.7	125.0	H	125.0	23.6	-12.9	29.3	40.0
66.247500	11.0	100.0	H	150.0	21.0	-10.0	29.0	40.0
106.751250	27.4	225.0	H	340.0	40.0	-12.6	16.1	43.5
298.770000	34.8	100.0	H	249.0	50.2	-15.4	11.2	46.0
354.747500	31.1	100.0	H	0.0	47.9	-16.8	14.9	46.0
798.200000	38.1	100.0	H	251.0	62.4	-24.3	7.9	46.0

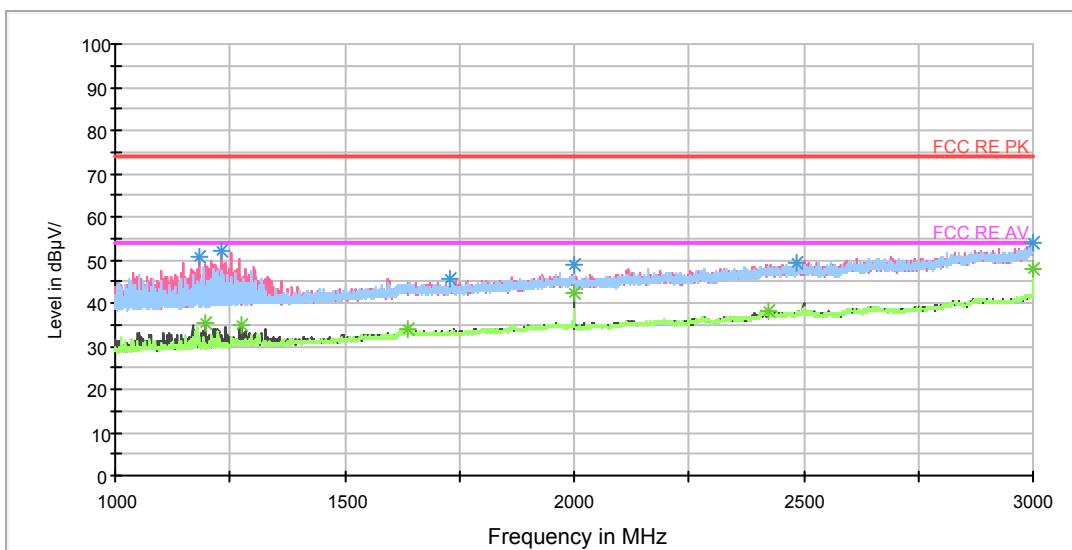
Remark: 1. Quasi-Peak = Reading value + Correction factor

2. Correction Factor = Antenna factor+ Insertion loss(cable loss+amplifier gain)

3. Margin = Limit – Quasi-Peak



RE 1G-3GHz PK+AV



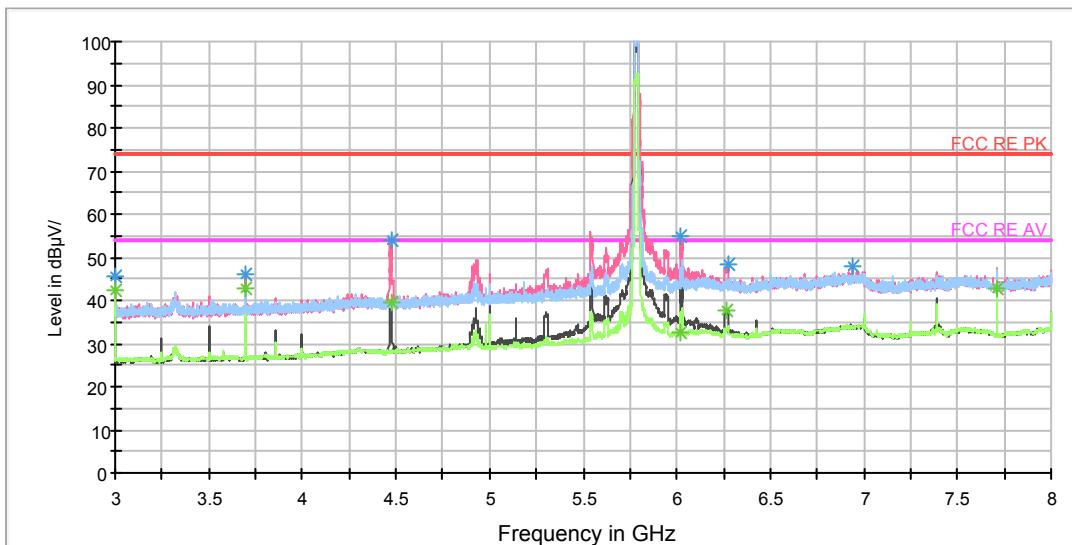
Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1182.500000	50.5	102.0	V	35.0	58.5	-8.0	23.5	74
1231.250000	52.3	102.0	V	35.0	60.1	-7.8	21.7	74
1730.750000	45.7	102.0	H	48.0	50.6	-4.9	28.3	74
1999.750000	48.7	202.0	V	148.0	52.1	-3.4	25.3	74
2483.250000	49.1	202.0	V	139.0	49.3	-0.2	24.9	74
3000.000000	54.0	202.0	V	211.0	56.3	-2.3	20.0	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)
1196.500000	35.1	102.0	V	35.0	43.3	-8.2	18.9	54
1275.500000	34.7	102.0	V	96.0	42.4	-7.7	19.3	54
1639.000000	33.8	202.0	H	354.0	38.5	-4.7	20.2	54
2000.000000	42.3	202.0	V	148.0	45.7	-3.4	11.7	54
2424.750000	38.2	202.0	V	191.0	38.7	-0.5	15.8	54
3000.000000	48.0	202.0	V	211.0	50.3	-2.3	6.0	54

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



Note: The signal beyond the limit is carrier.

Radiates Emission from 3GHz to 8GHz

Frequency (MHz)	Peak (dB _{µV/m})	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB _{µV/m})	Correct Factor (dB)	Margin (dB)	Limit (dB _{µV/m})
3000.000000	45.5	202.0	V	21.0	48.7	-3.2	28.5	74
3693.125000	46.1	202.0	V	0.0	47.7	-1.6	27.9	74
4473.125000	54.0	202.0	V	298.0	54.4	-0.4	20.0	74
6940.625000	47.8	102.0	V	313.0	53.9	-6.1	26.2	74
6018.125000	54.9	202.0	V	106.0	59.6	-4.7	19.1	74
6274.375000	48.4	202.0	V	106.0	53.8	-5.4	25.6	74

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

Frequency (MHz)	Average (dB _{µV/m})	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB _{µV/m})	Correct Factor (dB)	Margin (dB)	Limit (dB _{µV/m})
3000.000000	42.2	202.0	V	21.0	45.4	-3.2	11.8	54
3692.500000	42.9	202.0	V	0.0	44.6	-1.7	11.1	54
4473.750000	39.6	202.0	V	0.0	40.1	-0.5	14.4	54
7713.750000	42.6	202.0	V	21.0	49.4	-6.8	11.4	54
6016.250000	32.4	101.0	H	106.0	37.1	-4.7	21.6	54
6263.750000	37.5	202.0	V	106.0	43.0	-5.5	16.5	54

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



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
8748.750000	48.0	102.0	H	0.0	56.1	-8.1	26.0	74
9222.500000	48.4	102.0	H	37.0	58.3	-9.9	25.6	74
11567.500000	53.9	202.0	H	106.0	64.8	-10.9	20.1	74
12686.250000	52.2	102.0	V	243.0	66.4	-14.2	21.8	74
15450.000000	56.8	102.0	V	163.0	76.3	-19.5	17.2	74
18000.000000	62.7	102.0	H	63.0	88.2	-25.5	11.3	74

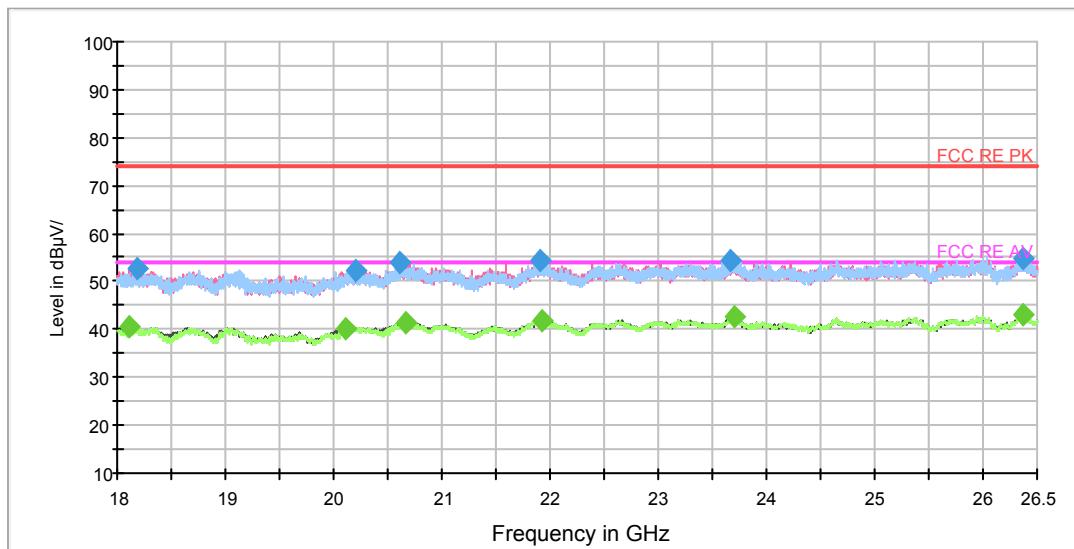
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9155.000000	35.6	202.0	V	0.0	45.9	-10.3	18.4	54
10312.500000	40.9	102.0	H	37.0	50.9	-10.0	13.1	54
11572.500000	42.3	102.0	H	143.0	53.3	-11.0	11.7	54
12640.000000	40.4	202.0	H	0.0	55.0	-14.6	13.6	54
15333.750000	43.8	202.0	V	62.0	62.5	-18.7	10.2	54
17995.000000	50.6	102.0	V	324.0	75.9	-25.3	3.4	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)
18181.687500	52.6	V	270.0	55.2	-2.6	21.4	74.0
20197.250000	52.5	H	117.0	58.4	-5.9	21.5	74.0
20620.125000	54.0	V	145.0	60.5	-6.5	20.0	74.0
21910.000000	54.3	V	269.0	62.3	-8.0	19.7	74.0
23664.187500	54.4	V	269.0	60.3	-5.9	19.6	74.0
26372.500000	55.0	H	258.0	60.4	-5.4	19.0	74.0

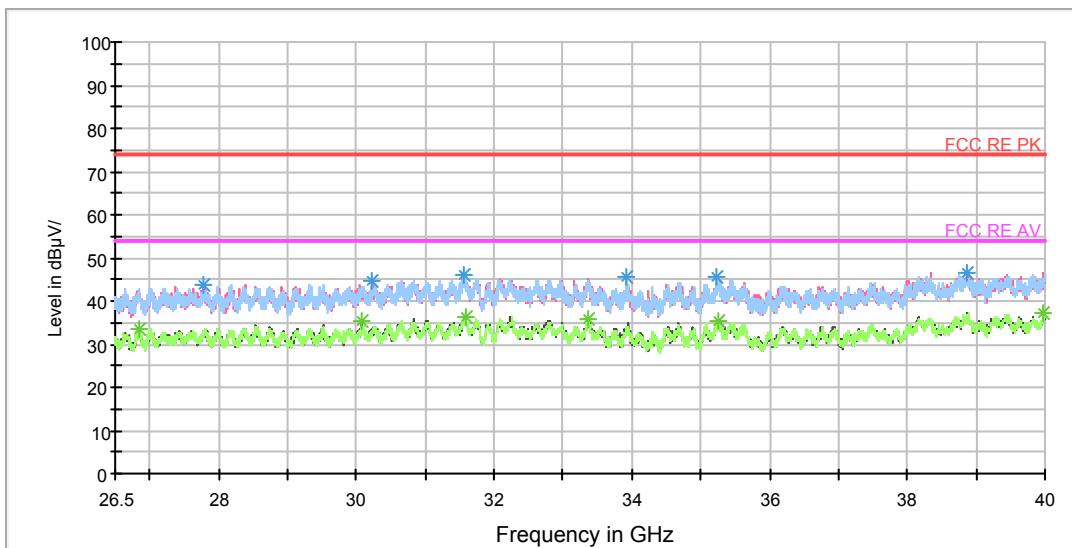
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18114.750000	40.4	V	173.0	42.7	-2.3	13.6	54.0
20104.812500	40.3	V	200.0	46.1	-5.8	13.7	54.0
20661.562500	41.4	H	144.0	48.0	-6.6	12.6	54.0
21919.562500	42.0	V	269.0	50.0	-8.0	12.0	54.0
23700.312500	42.5	H	229.0	48.4	-5.9	11.5	54.0
26371.437500	43.0	V	200.0	48.4	-5.4	11.0	54.0

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



RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27794.312500	43.8	101.0	V	300.0	45.3	-1.5	30.2	74
30220.937500	44.8	101.0	H	0.0	45.2	-0.4	29.2	74
31572.625000	46.2	101.0	H	152.0	46.7	-0.5	27.8	74
33921.625000	45.5	101.0	H	0.0	46.9	-1.4	28.5	74
35224.375000	45.6	101.0	H	0.0	46.2	-0.6	28.4	74
38867.687500	46.6	101.0	H	0.0	43.8	2.8	27.4	74

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

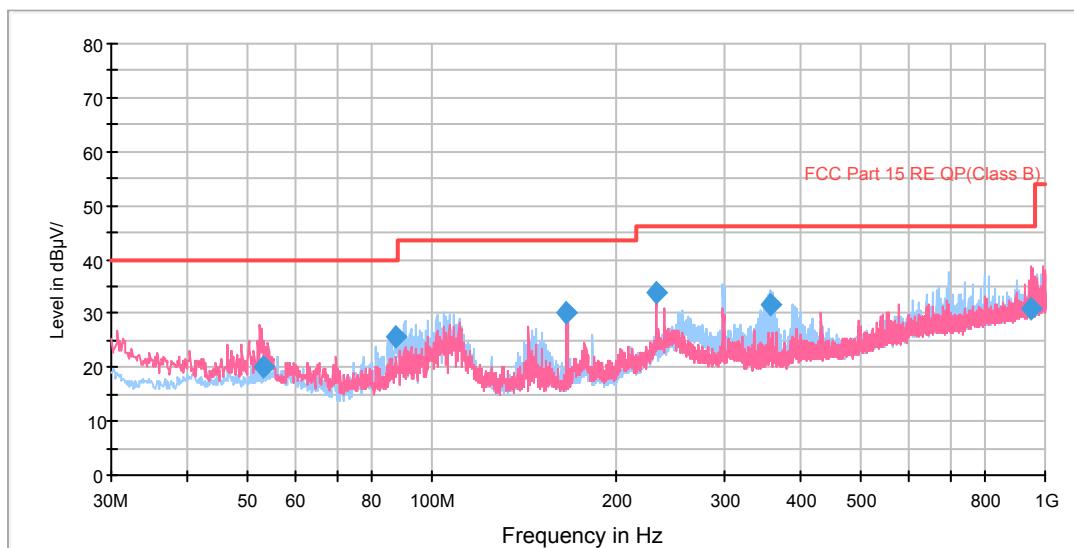
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
26839.187500	33.7	101.0	V	73.0	34.4	-0.7	20.3	54
30075.812500	35.3	101.0	V	300.0	35.7	-0.4	18.7	54
31577.687500	36.5	101.0	V	124.0	37.0	-0.5	17.5	54
33358.000000	35.7	101.0	V	295.0	36.7	-1.0	18.3	54
35266.562500	35.3	101.0	V	271.0	35.9	-0.6	18.7	54
39981.437500	37.3	101.0	H	0.0	35.0	2.3	16.7	54

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



SISO Antenna 4 802.11a CH165

FCC RE 0.03-1GHz QP Class B



Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
52.991250	20.1	100.0	V	85.0	32.9	-12.8	19.9	40.0
87.633750	25.5	325.0	H	332.0	36.6	-11.1	14.5	40.0
166.005000	30.0	100.0	V	235.0	40.0	-10.0	13.5	43.5
232.766250	33.8	202.0	V	181.0	47.2	-13.4	12.2	46.0
356.728750	31.8	100.0	H	350.0	48.6	-16.8	14.2	46.0
952.221250	31.0	100.0	V	200.0	57.0	-26.0	15.0	46.0

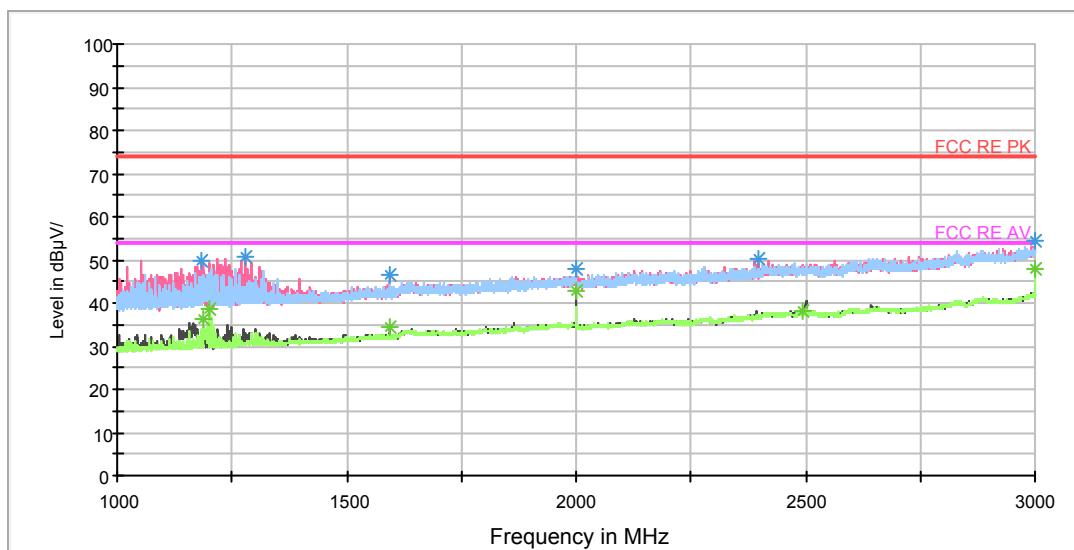
Remark: 1. Quasi-Peak = Reading value + Correction factor

2. Correction Factor = Antenna factor+ Insertion loss(cable loss+amplifier gain)

3. Margin = Limit – Quasi-Peak



RE 1G-3GHz PK+AV



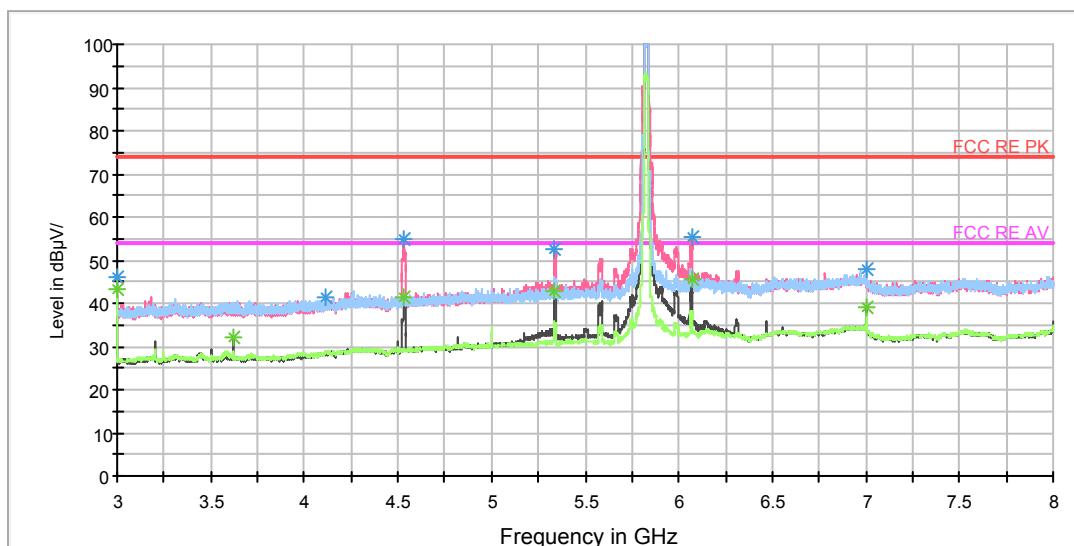
Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1185.500000	49.7	102.0	V	35.0	57.8	-8.1	24.3	74
1280.750000	50.5	102.0	V	95.0	58.1	-7.6	23.5	74
1594.750000	46.7	102.0	V	183.0	53.1	-6.4	27.3	74
2000.250000	48.0	202.0	V	150.0	51.4	-3.4	26.0	74
2396.000000	50.3	102.0	V	0.0	51.6	-1.3	23.7	74
3000.000000	54.6	202.0	H	146.0	56.9	-2.3	19.4	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)
1187.500000	36.5	102.0	H	71.0	44.6	-8.1	17.5	54
1202.250000	38.4	102.0	H	71.0	46.6	-8.2	15.6	54
1595.000000	34.2	102.0	V	193.0	40.6	-6.4	19.8	54
2000.000000	42.8	202.0	V	150.0	46.2	-3.4	11.2	54
2492.750000	38.2	202.0	H	37.0	38.4	-0.2	15.8	54
3000.000000	48.0	102.0	V	193.0	50.3	-2.3	6.0	54

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



Note: The signal beyond the limit is carrier.

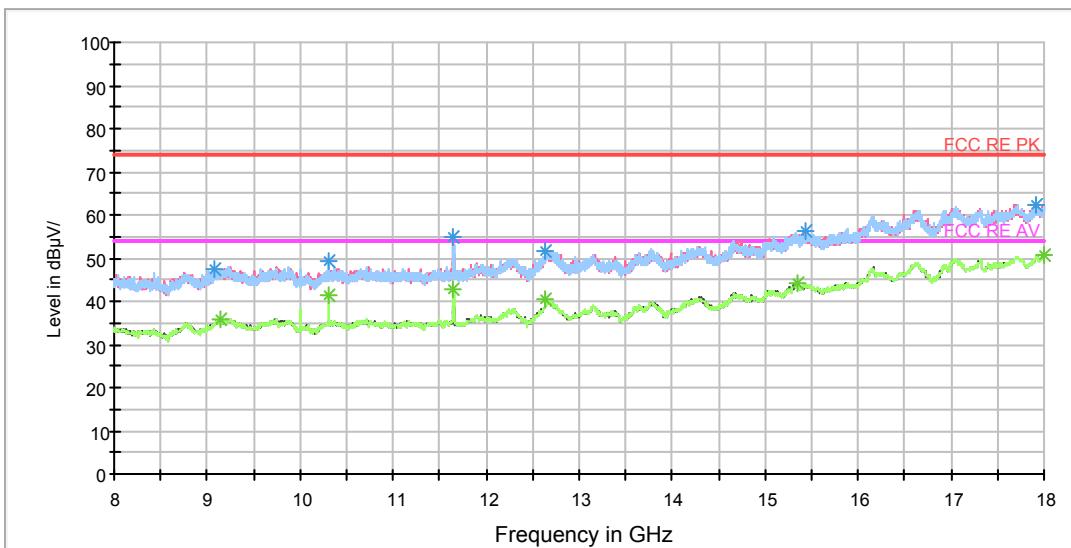
Radiates Emission from 3GHz to 8GHz

Frequency (MHz)	Peak (dB _µ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB _µ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB _µ V/m)
3000.000000	46.1	203.0	H	205.0	49.3	-3.2	27.9	74
4118.125000	41.5	203.0	V	33.0	42.0	-0.5	32.5	74
4533.125000	54.8	103.0	V	328.0	55.4	-0.6	19.2	74
5339.375000	52.7	203.0	V	9.0	55.0	-2.3	21.3	74
6075.000000	55.5	103.0	V	328.0	60.7	-5.2	18.5	74
7000.000000	47.7	203.0	H	306.0	54.3	-6.6	26.3	74

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

Frequency (MHz)	Average (dB _µ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB _µ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB _µ V/m)
3000.000000	43.2	203.0	H	205.0	46.4	-3.2	10.8	54
3617.500000	32.3	103.0	V	177.0	34.3	-2.0	21.7	54
4530.625000	41.6	103.0	V	328.0	42.2	-0.6	12.4	54
5336.875000	42.8	203.0	V	9.0	45.1	-2.3	11.2	54
6075.000000	45.7	103.0	V	328.0	50.9	-5.2	8.3	54
7000.625000	38.9	203.0	V	159.0	45.5	-6.6	15.1	54

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



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9075.000000	47.2	202.0	V	6.0	56.5	-9.3	26.8	74
10312.500000	49.5	102.0	H	34.0	59.5	-10.0	24.5	74
11648.750000	54.8	102.0	H	142.0	65.8	-11.0	19.2	74
12633.750000	51.8	102.0	V	52.0	65.7	-13.9	22.2	74
15430.000000	56.2	102.0	H	0.0	75.7	-19.5	17.8	74
17921.250000	62.5	202.0	H	246.0	88.2	-25.7	11.5	74

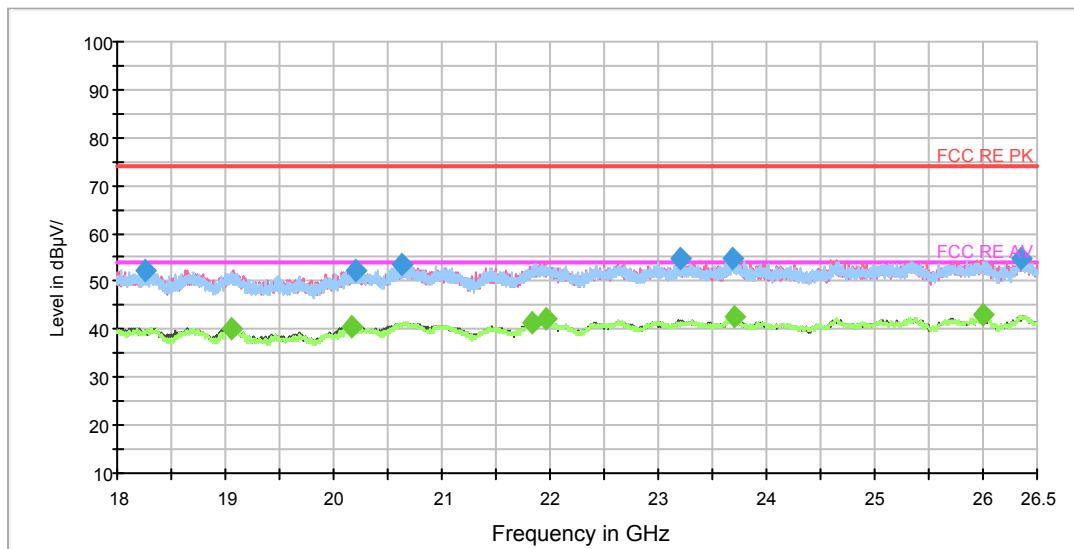
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9151.250000	35.6	202.0	H	191.0	45.8	-10.2	18.4	54
10312.500000	41.4	102.0	H	34.0	51.4	-10.0	12.6	54
11648.750000	43.0	102.0	H	142.0	54.0	-11.0	11.0	54
12641.250000	40.4	202.0	H	0.0	54.9	-14.5	13.6	54
15347.500000	44.0	102.0	H	279.0	62.8	-18.8	10.0	54
17998.750000	50.6	202.0	V	0.0	76.0	-25.4	3.4	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)
18264.562500	52.5	H	90.0	55.4	-2.9	21.5	74.0
20210.000000	52.2	H	90.0	58.1	-5.9	21.8	74.0
20631.812500	53.7	H	90.0	60.2	-6.5	20.3	74.0
23195.625000	54.8	V	90.0	60.8	-6.0	19.2	74.0
23676.937500	54.7	H	119.0	60.6	-5.9	19.3	74.0
26356.562500	54.7	V	270.0	60.1	-5.4	19.3	74.0

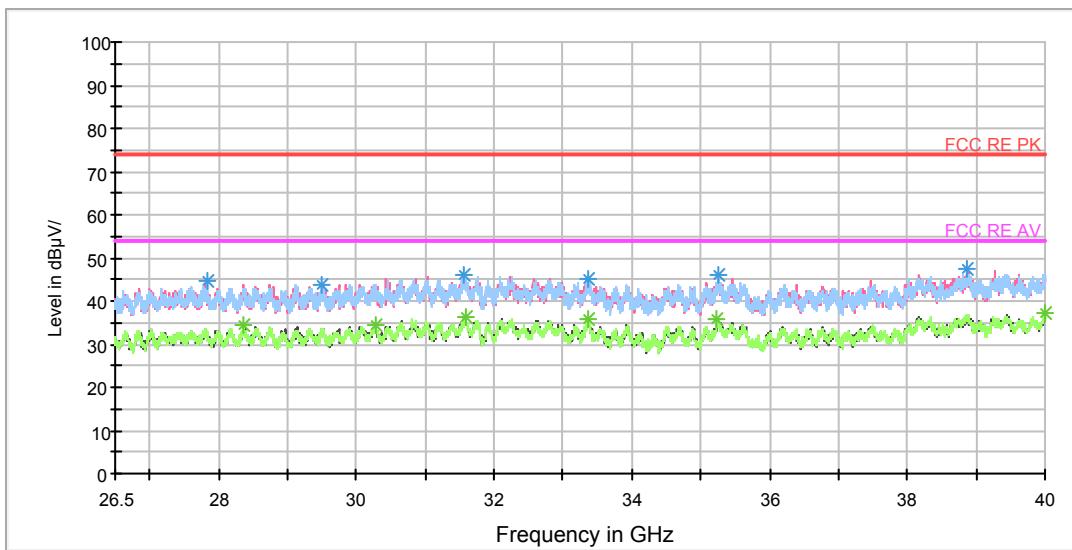
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
19064.625000	40.2	H	92.0	45.4	-5.2	13.8	54.0
20165.375000	40.4	V	255.0	46.2	-5.8	13.6	54.0
21838.812500	41.4	H	90.0	49.4	-8.0	12.6	54.0
21967.375000	42.1	V	268.0	50.1	-8.0	11.9	54.0
23697.125000	42.5	V	214.0	48.4	-5.9	11.5	54.0
25998.500000	42.9	H	90.0	48.3	-5.4	11.1	54.0

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



RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27831.437500	44.7	101.0	H	1.0	46.2	-1.5	29.3	74
29503.750000	43.9	101.0	H	74.0	44.7	-0.8	30.1	74
31562.500000	46.0	101.0	V	320.0	46.5	-0.5	28.0	74
33359.687500	45.2	101.0	H	99.0	46.2	-1.0	28.8	74
35246.312500	46.0	101.0	H	26.0	46.6	-0.6	28.0	74
38869.375000	47.6	101.0	H	0.0	44.8	2.8	26.4	74

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

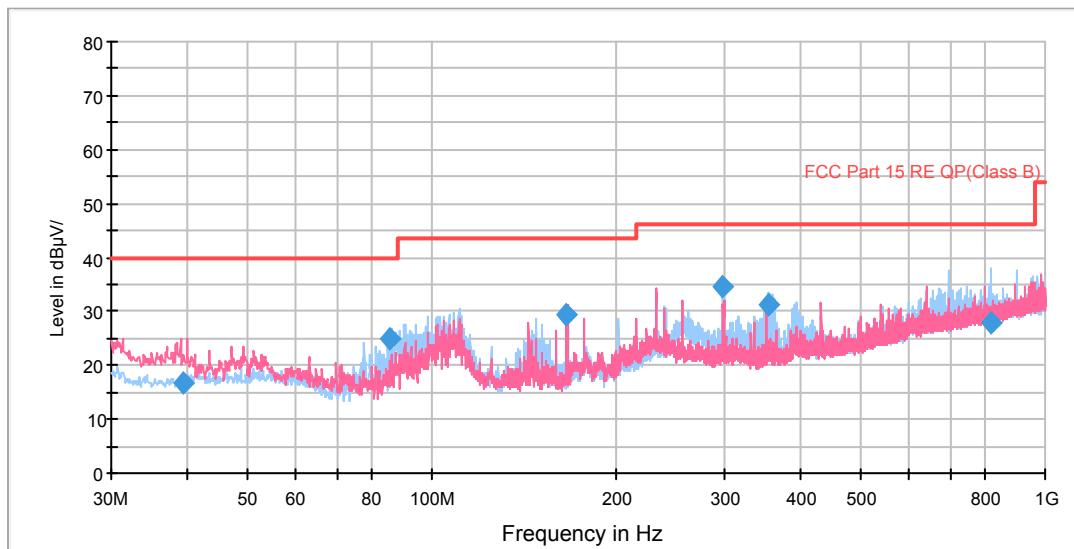
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28361.312500	34.3	101.0	H	248.0	35.8	-1.5	19.7	54
30276.625000	34.4	101.0	V	319.0	34.8	-0.4	19.6	54
31579.375000	36.4	101.0	V	320.0	36.9	-0.5	17.6	54
33358.000000	35.8	101.0	V	47.0	36.8	-1.0	18.2	54
35242.937500	35.8	101.0	H	26.0	36.4	-0.6	18.2	54
39989.875000	37.4	101.0	V	149.0	35.1	2.3	16.6	54

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



MIMO 802.11n (HT20) CH36

FCC RE 0.03-1GHz QP Class B



Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dB μ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
39.382500	16.7	100.0	V	111.0	29.7	-13.0	23.3	40.0
85.537500	24.8	375.0	H	330.0	35.2	-10.4	15.2	40.0
166.005000	29.2	111.0	V	244.0	39.2	-10.0	14.3	43.5
298.770000	34.6	100.0	H	253.0	50.0	-15.4	11.4	46.0
354.747500	31.1	100.0	H	0.0	47.9	-16.8	14.9	46.0
817.767500	27.9	100.0	H	240.0	52.5	-24.6	18.1	46.0

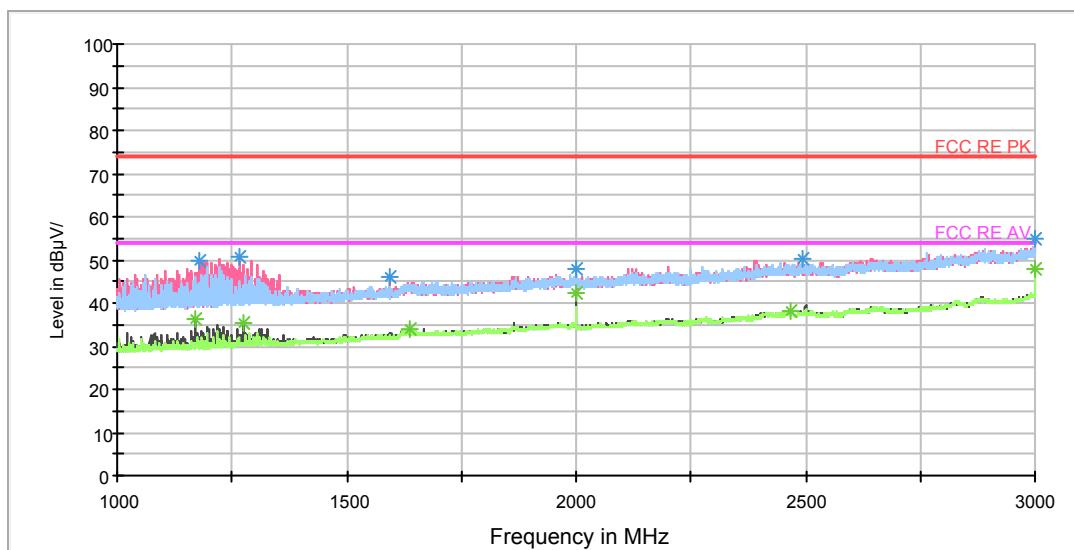
Remark: 1. Quasi-Peak = Reading value + Correction factor

2. Correction Factor = Antenna factor+ Insertion loss(cable loss+amplifier gain)

3. Margin = Limit – Quasi-Peak



RE 1G-3GHz PK+AV



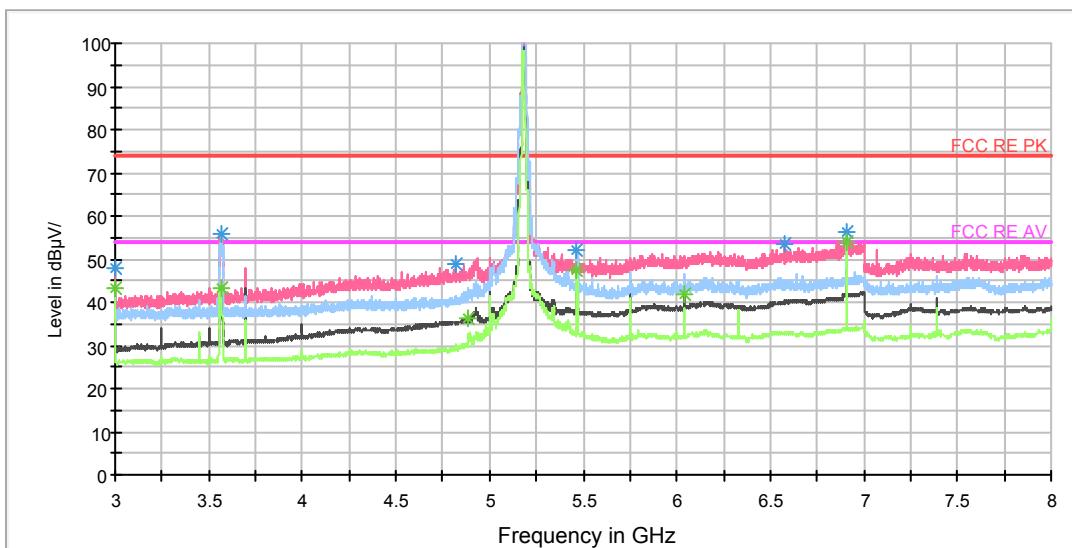
Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1177.250000	50.0	102.0	V	83.0	58.0	-8.0	24.0	74
1268.500000	50.6	102.0	V	83.0	58.3	-7.7	23.4	74
1594.250000	46.3	102.0	V	239.0	52.7	-6.4	27.7	74
1999.750000	47.9	202.0	V	150.0	51.3	-3.4	26.1	74
2491.750000	50.0	202.0	H	0.0	50.3	-0.3	24.0	74
3000.000000	54.8	102.0	H	0.0	57.1	-2.3	19.2	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)
1170.250000	36.1	102.0	V	83.0	44.2	-8.1	17.9	54
1275.250000	35.5	102.0	V	0.0	43.2	-7.7	18.5	54
1636.000000	33.8	102.0	V	0.0	38.5	-4.7	20.2	54
2000.250000	42.3	102.0	V	61.0	45.7	-3.4	11.7	54
2467.750000	38.1	102.0	H	30.0	38.5	-0.4	15.9	54
3000.000000	48.1	202.0	V	213.0	50.4	-2.3	5.9	54

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



Note: The signal beyond the limit is carrier.

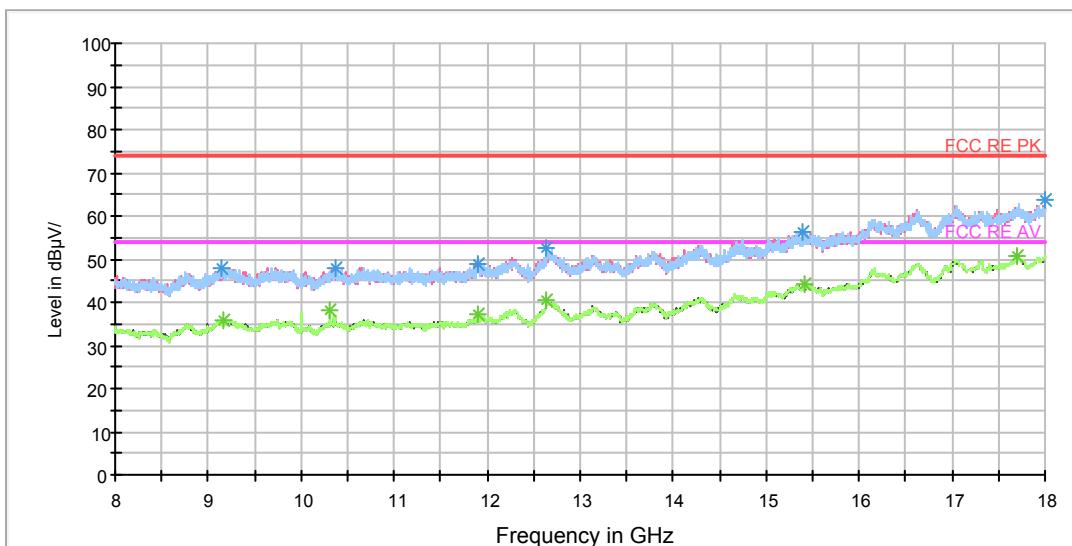
Radiates Emission from 3GHz to 8GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	47.7	202.0	V	15.0	50.9	-3.2	26.3	74
3565.625000	55.7	202.0	V	152.0	57.8	-2.1	18.3	74
4821.875000	49.0	202.0	V	15.0	50.3	-1.3	25.0	74
6577.500000	53.6	202.0	V	37.0	59.1	-5.5	20.4	74
6906.875000	56.3	202.0	H	338.0	62.6	-6.3	17.7	74
5467.500000	52.1	102.0	H	23.0	55.0	-2.9	21.9	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)
3000.000000	43.3	202.0	V	15.0	46.5	-3.2	10.7	54
3563.125000	43.3	202.0	V	212.0	45.4	-2.1	10.7	54
4887.500000	36.4	202.0	V	86.0	38.3	-1.9	17.6	54
6043.125000	42.0	202.0	V	0.0	46.9	-4.9	12.0	54
6906.875000	53.8	202.0	H	338.0	60.1	-6.3	0.2	54
5467.500000	47.3	102.0	H	23.0	50.2	-2.9	6.7	54

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



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	Peak (dB _u V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB _u V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB _u V/m)
9151.250000	48.1	202.0	H	0.0	58.3	-10.2	25.9	74
10362.500000	48.1	202.0	V	169.0	57.9	-9.8	25.9	74
11905.000000	48.8	202.0	V	0.0	60.9	-12.1	25.2	74
12637.500000	52.4	102.0	V	136.0	66.7	-14.3	21.6	74
15397.500000	56.2	202.0	H	275.0	74.9	-18.7	17.8	74
18000.000000	63.7	102.0	V	358.0	89.2	-25.5	10.3	74

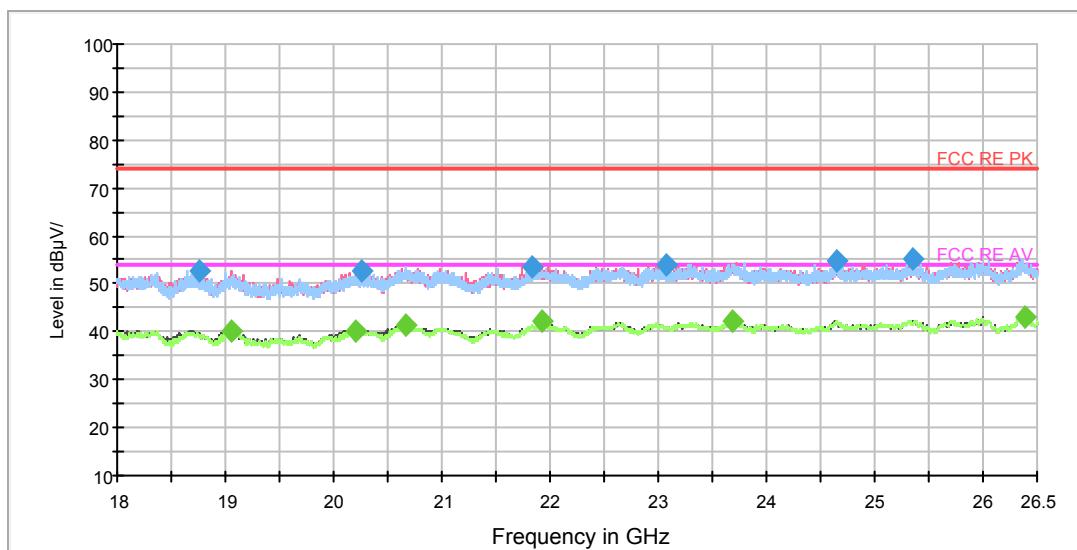
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dB _u V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB _u V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB _u V/m)
9156.250000	35.7	102.0	H	0.0	46.0	-10.3	18.3	54
10312.500000	38.1	102.0	H	73.0	48.1	-10.0	15.9	54
11901.250000	37.0	202.0	V	0.0	49.3	-12.3	17.0	54
12641.250000	40.4	202.0	H	0.0	54.9	-14.5	13.6	54
15422.500000	44.0	202.0	V	0.0	63.4	-19.4	10.0	54
17703.750000	50.5	102.0	H	0.0	75.2	-24.7	3.5	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)
18766.062500	52.8	V	270.0	57.3	-4.5	21.2	74
20263.125000	52.6	H	119.0	58.5	-5.9	21.4	74
21835.625000	53.6	V	270.0	61.6	-8.0	20.4	74
23073.437500	53.9	H	259.0	60.0	-6.1	20.1	74
24653.375000	54.7	V	267.0	60.7	-6.0	19.3	74
25349.312500	55.0	V	214.0	60.8	-5.8	19.0	74

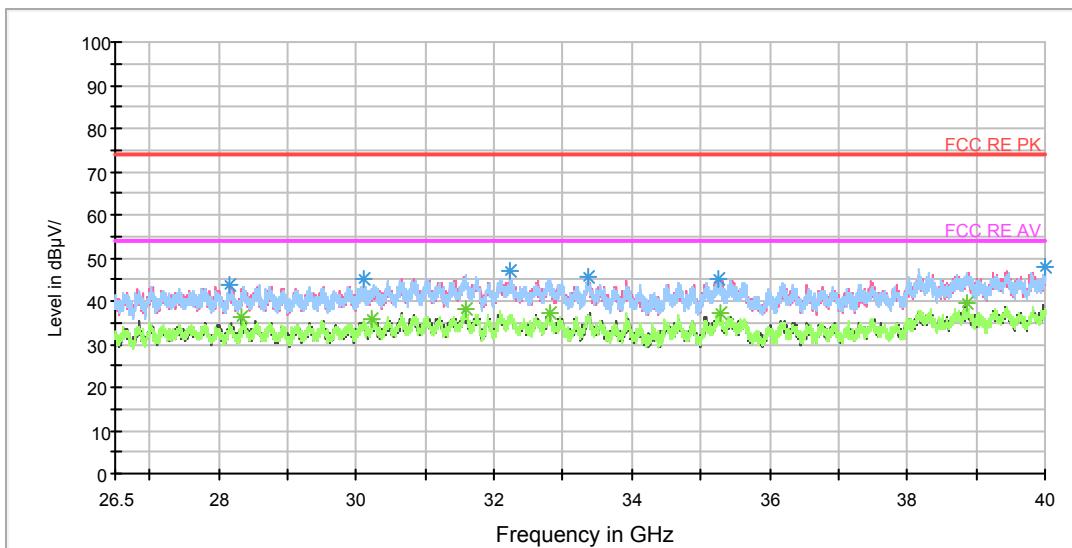
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
19055.062500	40.3	V	270.0	45.5	-5.2	13.7	54
20204.687500	40.3	V	200.0	46.2	-5.9	13.7	54
20663.687500	41.5	V	90.0	48.1	-6.6	12.5	54
21922.750000	42.2	V	270.0	50.2	-8.0	11.8	54
23687.562500	42.4	V	267.0	48.3	-5.9	11.6	54
26381.000000	43.3	V	270.0	48.7	-5.4	10.7	54

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



RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28165.562500	43.5	101.0	V	270.0	45.1	-1.6	30.5	74
30114.625000	45.1	101.0	H	170.0	45.5	-0.4	28.9	74
32237.500000	46.8	101.0	V	78.0	47.3	-0.5	27.2	74
33364.750000	45.5	101.0	H	60.0	46.5	-1.0	28.5	74
35269.937500	45.0	101.0	H	60.0	45.6	-0.6	29.0	74
39991.562500	47.8	101.0	V	164.0	45.5	2.3	26.2	74

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

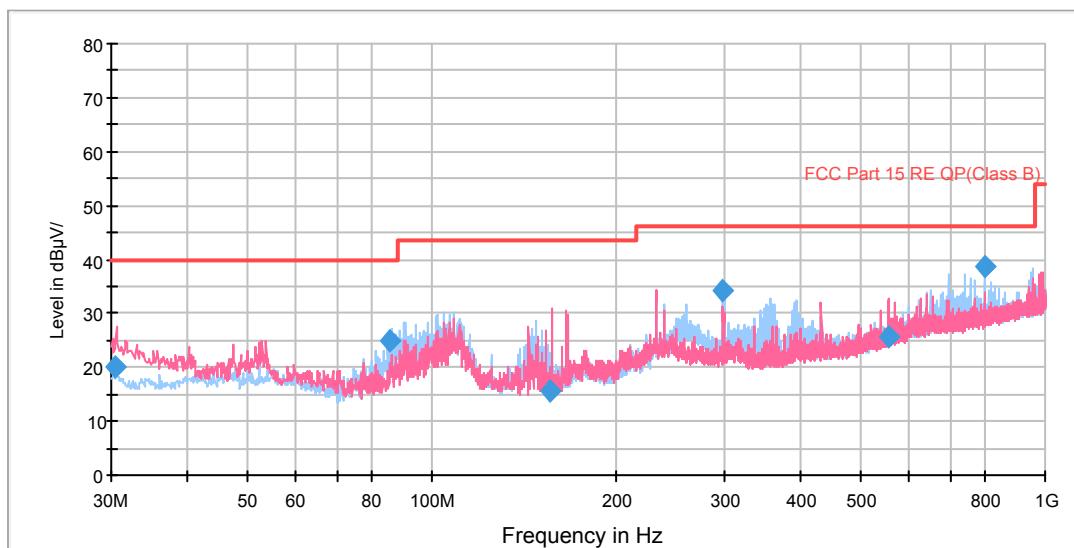
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28344.437500	36.1	101.0	V	300.0	37.6	-1.5	17.9	54
30236.125000	35.9	101.0	H	250.0	36.3	-0.4	18.1	54
31582.750000	38.3	101.0	H	143.0	38.8	-0.5	15.7	54
32802.812500	37.2	101.0	H	60.0	38.0	-0.8	16.8	54
35276.687500	37.2	101.0	V	231.0	37.8	-0.6	16.8	54
38871.062500	39.3	101.0	H	229.0	36.5	2.8	14.7	54

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



MIMO 802.11n (HT20) CH40

FCC RE 0.03-1GHz QP Class B



Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
30.366250	20.1	100.0	V	273.0	32.0	-11.9	19.9	40.0
85.537500	25.0	218.0	H	325.0	35.4	-10.4	15.0	40.0
156.428750	15.5	114.0	V	343.0	25.0	-9.5	28.0	43.5
298.770000	34.1	100.0	H	266.0	49.5	-15.4	11.9	46.0
557.593750	25.9	100.0	V	158.0	47.1	-21.2	20.1	46.0
798.200000	38.7	100.0	H	247.0	63.0	-24.3	7.3	46.0

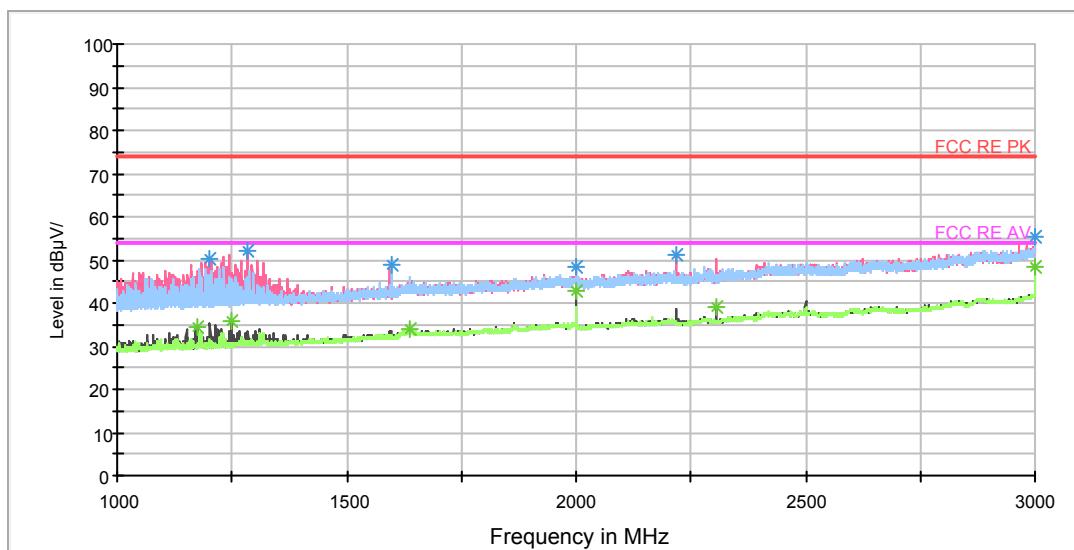
Remark: 1. Quasi-Peak = Reading value + Correction factor

2. Correction Factor = Antenna factor+ Insertion loss(cable loss+amplifier gain)

3. Margin = Limit – Quasi-Peak



RE 1G-3GHz PK+AV



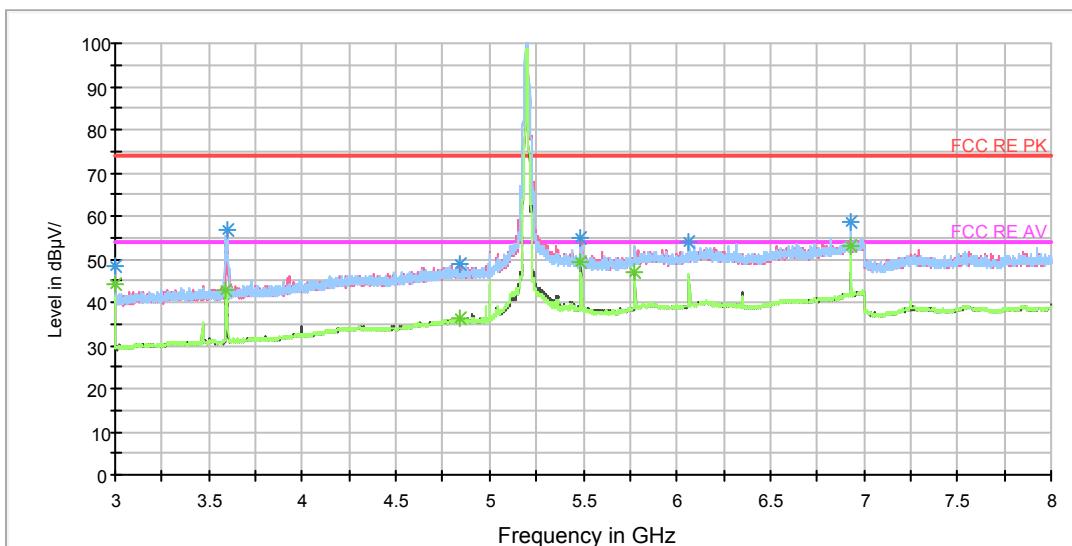
Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1199.000000	50.1	102.0	V	84.0	58.3	-8.2	23.9	74
1284.750000	52.0	102.0	V	94.0	59.7	-7.7	22.0	74
1596.500000	48.7	102.0	H	53.0	55.1	-6.4	25.3	74
2000.500000	48.2	202.0	V	149.0	51.6	-3.4	25.8	74
2219.500000	51.2	102.0	V	0.0	53.6	-2.4	22.8	74
3000.000000	55.1	102.0	V	8.0	57.4	-2.3	18.9	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)
1174.000000	34.4	102.0	V	22.0	42.5	-8.1	19.6	54
1250.250000	35.9	102.0	V	84.0	43.9	-8.0	18.1	54
1638.500000	33.7	102.0	V	281.0	38.4	-4.7	20.3	54
2000.250000	42.6	202.0	V	149.0	46.0	-3.4	11.4	54
2306.500000	39.1	102.0	V	0.0	41.1	-2.0	14.9	54
3000.000000	48.6	202.0	V	211.0	50.9	-2.3	5.4	54

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



Note: The signal beyond the limit is carrier.

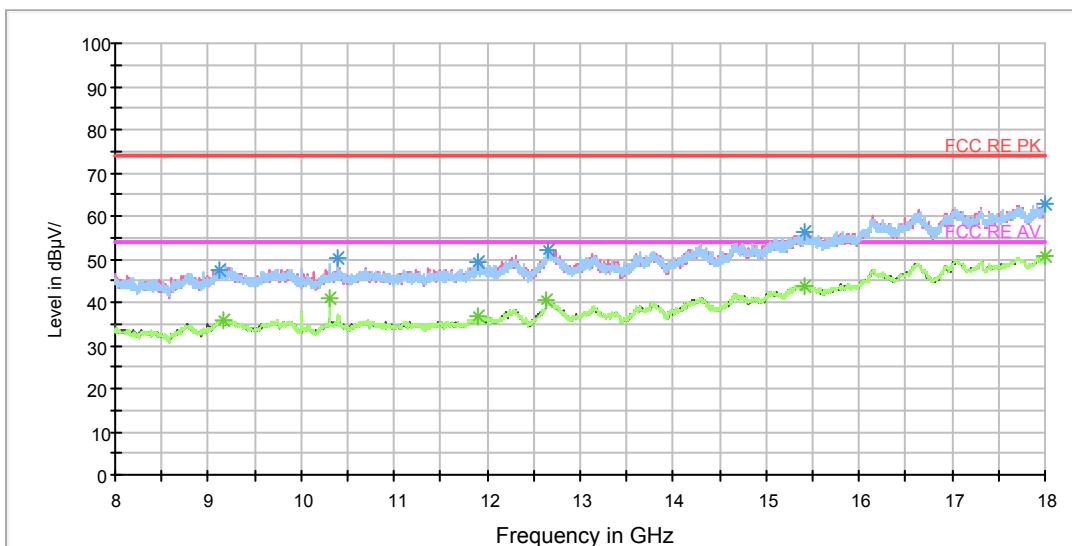
Radiates Emission from 3GHz to 8GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	48.4	202.0	V	203.0	51.6	-3.2	25.6	74
3602.500000	56.8	103.0	V	47.0	59.0	-2.2	17.2	74
4841.250000	48.6	103.0	V	316.0	50.2	-1.6	25.4	74
5488.750000	54.9	202.0	V	27.0	58.0	-3.1	19.1	74
6066.875000	54.1	202.0	H	208.0	59.1	-5.0	19.9	74
6933.750000	58.4	202.0	H	183.0	64.6	-6.2	15.6	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)
3000.000000	44.3	202.0	V	203.0	47.5	-3.2	9.7	54
3593.750000	43.0	102.0	H	0.0	45.3	-2.3	11.0	54
4840.000000	36.2	202.0	V	203.0	37.8	-1.6	17.8	54
5488.750000	49.2	202.0	V	27.0	52.3	-3.1	4.8	54
5777.500000	46.8	202.0	V	256.0	50.7	-3.9	7.2	54
6933.750000	53.2	202.0	H	183.0	59.4	-6.2	0.8	54

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



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9122.500000	47.4	102.0	V	0.0	57.5	-10.1	26.6	74
10400.000000	50.2	202.0	V	220.0	59.6	-9.4	23.8	74
11905.000000	49.2	202.0	V	2.0	61.3	-12.1	24.8	74
12655.000000	51.9	202.0	V	0.0	65.9	-14.0	22.1	74
15421.250000	56.5	102.0	H	116.0	75.9	-19.4	17.5	74
17996.250000	63.0	202.0	V	220.0	88.4	-25.4	11.0	74

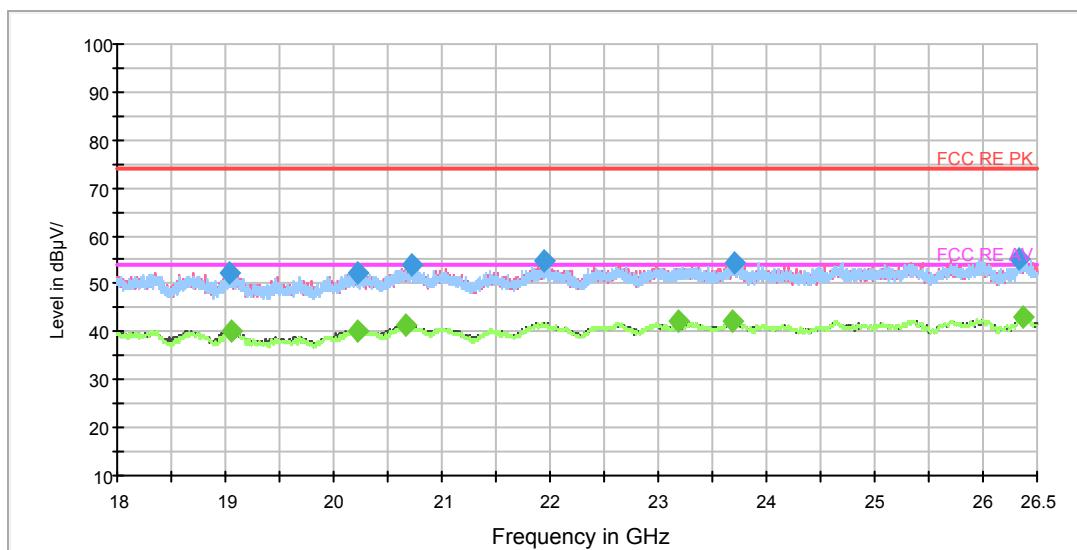
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9153.750000	35.7	202.0	H	217.0	45.9	-10.2	18.3	54
10312.500000	41.0	102.0	H	33.0	51.0	-10.0	13.0	54
11898.750000	36.8	202.0	V	110.0	49.1	-12.3	17.2	54
12640.000000	40.4	102.0	V	136.0	55.0	-14.6	13.6	54
15422.500000	43.9	202.0	V	2.0	63.3	-19.4	10.1	54
17997.500000	50.7	202.0	V	0.0	76.1	-25.4	3.3	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)
19041.250000	52.5	H	105.0	57.6	-5.1	21.5	74
20221.687500	52.3	H	90.0	58.2	-5.9	21.7	74
20721.062500	54.0	H	92.0	60.7	-6.7	20.0	74
21952.500000	54.7	V	228.0	62.7	-8.0	19.3	74
23699.250000	54.5	H	105.0	60.4	-5.9	19.5	74
26326.812500	55.1	V	242.0	60.5	-5.4	18.9	74

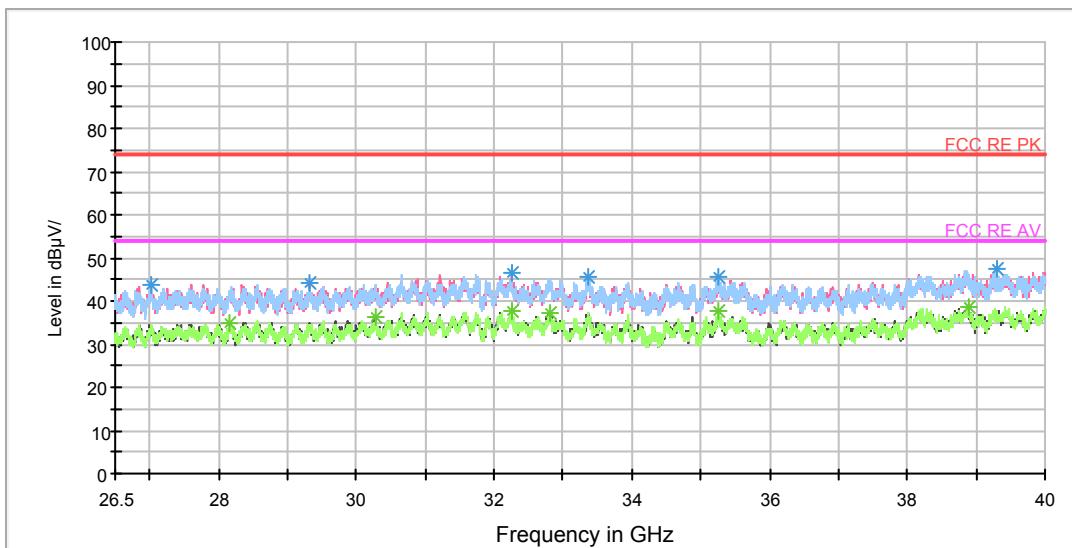
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
19052.937500	40.3	V	173.0	45.5	-5.2	13.7	54
20215.312500	40.2	H	146.0	46.1	-5.9	13.8	54
20672.187500	41.4	V	269.0	48.0	-6.6	12.6	54
23185.000000	42.0	V	242.0	48.0	-6.0	12.0	54
23693.937500	42.4	H	188.0	48.3	-5.9	11.6	54
26365.062500	43.0	H	160.0	48.4	-5.4	11.0	54

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



RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27019.750000	43.7	101.0	V	66.0	44.6	-0.9	30.3	74
29328.250000	44.0	101.0	V	218.0	44.9	-0.9	30.0	74
32247.625000	46.5	101.0	V	300.0	47.0	-0.5	27.5	74
33364.750000	45.5	101.0	V	100.0	46.5	-1.0	28.5	74
35256.437500	45.5	101.0	H	249.0	46.1	-0.6	28.5	74
39299.687500	47.2	101.0	V	268.0	44.4	2.8	26.8	74

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

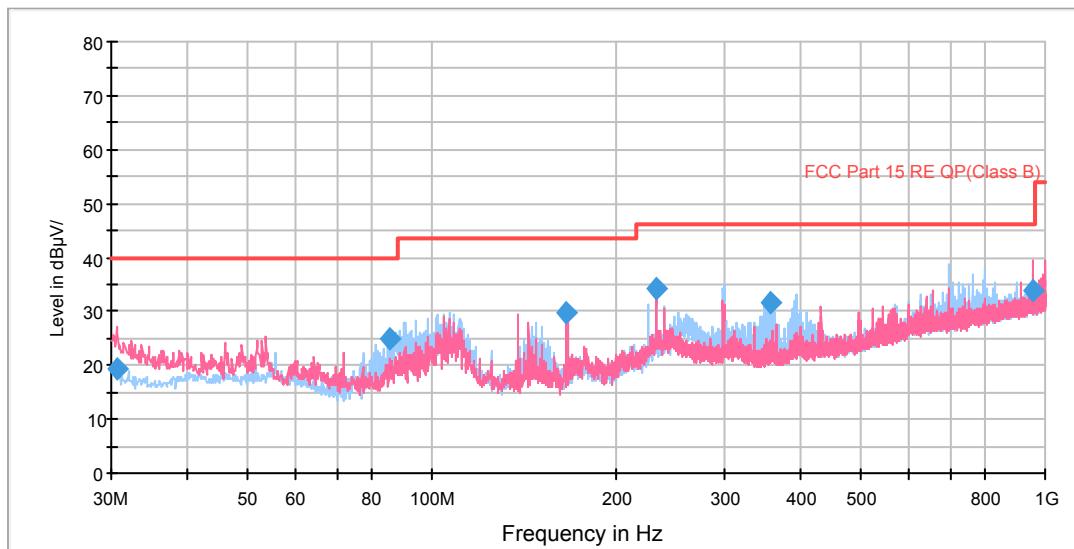
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28160.500000	35.1	101.0	H	60.0	36.7	-1.6	18.9	54
30290.125000	36.2	101.0	V	151.0	36.6	-0.4	17.8	54
32252.687500	37.9	101.0	H	73.0	38.5	-0.6	16.1	54
32806.187500	37.1	101.0	H	166.0	37.9	-0.8	16.9	54
35256.437500	37.5	101.0	H	249.0	38.1	-0.6	16.5	54
38881.187500	38.7	101.0	H	83.0	35.8	2.9	15.3	54

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



MIMO 802.11n (HT20) CH48

FCC RE 0.03-1GHz QP Class B



Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
30.646250	19.4	189.0	V	22.0	31.3	-11.9	20.6	40.0
85.537500	25.0	216.0	H	325.0	35.4	-10.4	15.0	40.0
166.005000	29.9	100.0	V	238.0	39.9	-10.0	13.6	43.5
232.771250	34.1	202.0	V	177.0	47.5	-13.4	11.9	46.0
356.728750	31.8	100.0	H	354.0	48.6	-16.8	14.2	46.0
952.870000	33.7	114.0	V	265.0	59.7	-26.0	12.3	46.0

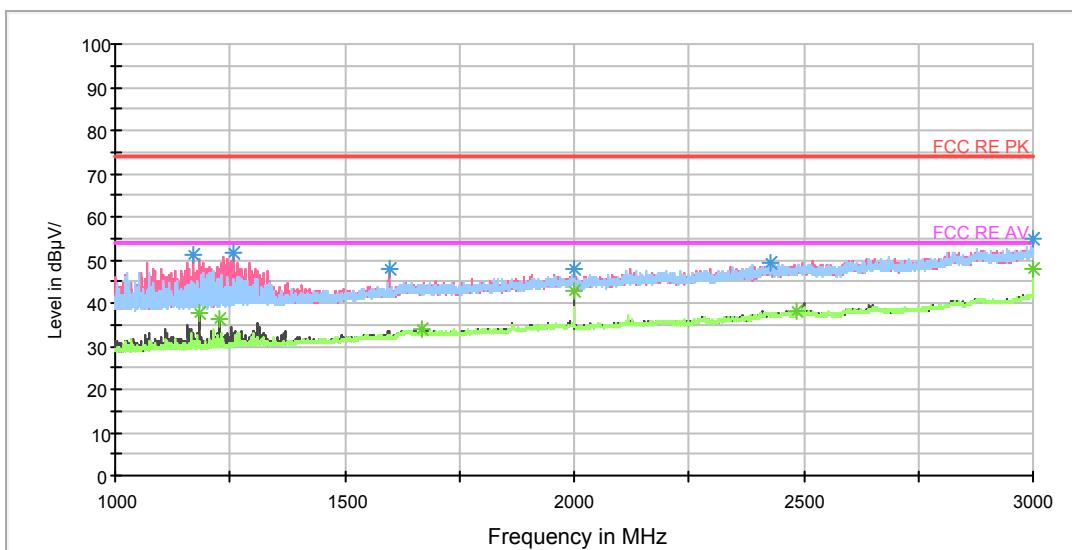
Remark: 1. Quasi-Peak = Reading value + Correction factor

2. Correction Factor = Antenna factor+ Insertion loss(cable loss+amplifier gain)

3. Margin = Limit – Quasi-Peak



RE 1G-3GHz PK+AV



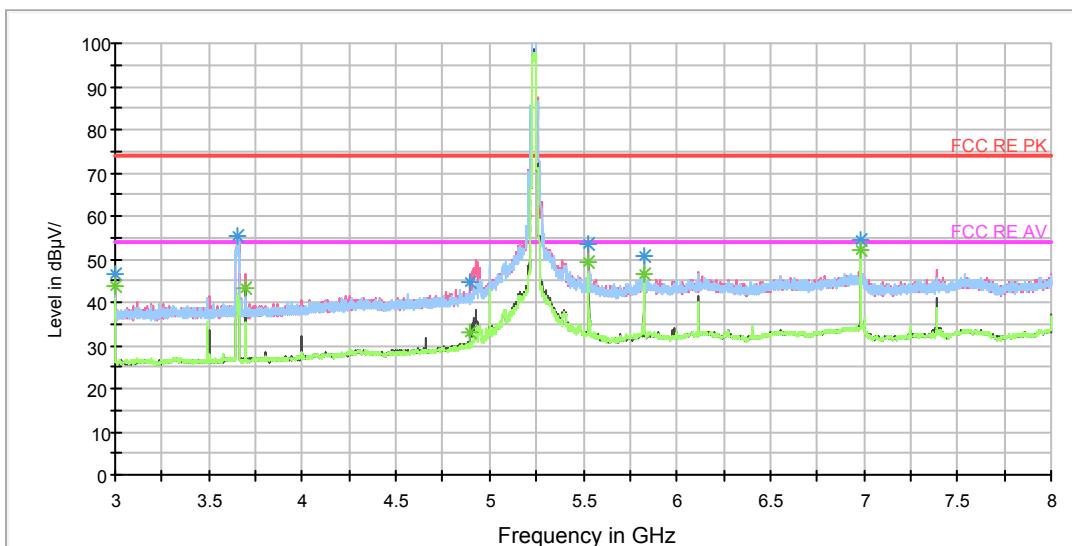
Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1171.000000	51.3	102.0	V	83.0	59.4	-8.1	22.7	74
1257.000000	51.5	102.0	V	93.0	59.3	-7.8	22.5	74
1596.250000	47.7	102.0	V	179.0	54.1	-6.4	26.3	74
1999.750000	47.7	202.0	V	146.0	51.1	-3.4	26.3	74
2429.500000	49.1	102.0	H	85.0	49.7	-0.6	24.9	74
2999.750000	54.8	102.0	H	0.0	57.1	-2.3	19.2	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)
1182.500000	37.7	102.0	V	83.0	45.7	-8.0	16.3	54
1226.500000	36.1	102.0	V	93.0	43.9	-7.8	17.9	54
1669.000000	33.8	202.0	V	297.0	38.9	-5.1	20.2	54
2000.000000	42.6	102.0	V	61.0	46.0	-3.4	11.4	54
2486.500000	38.1	202.0	V	41.0	38.2	-0.1	15.9	54
3000.000000	47.9	102.0	V	354.0	50.2	-2.3	6.1	54

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



Note: The signal beyond the limit is carrier.

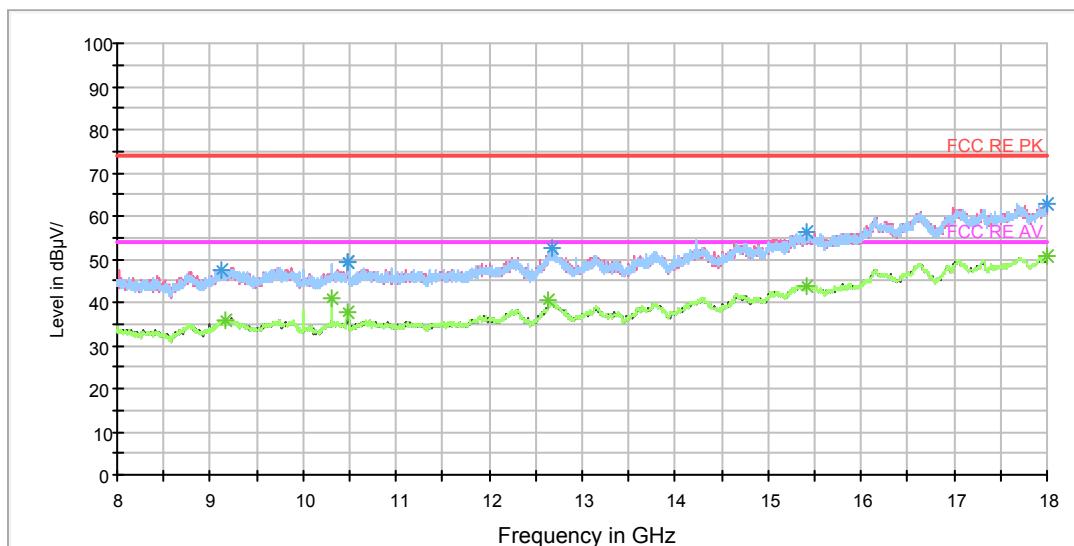
Radiates Emission from 3GHz to 8GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	46.6	202.0	V	22.0	49.8	-3.2	27.4	74
3650.625000	55.5	202.0	V	84.0	57.4	-1.9	18.5	74
4896.250000	44.6	202.0	V	320.0	46.5	-1.9	29.4	74
5822.500000	50.6	202.0	V	2.0	55.1	-4.5	23.4	74
6986.875000	54.4	202.0	H	337.0	60.8	-6.4	19.6	74
5531.250000	53.5	202.0	V	212.0	56.7	-3.2	20.5	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	43.7	202.0	V	22.0	46.9	-3.2	10.3	54
3692.500000	43.3	202.0	V	0.0	45.0	-1.7	10.7	54
4898.750000	32.9	202.0	V	320.0	34.8	-1.9	21.1	54
5821.875000	46.6	202.0	V	343.0	51.1	-4.5	7.4	54
6986.875000	51.9	202.0	H	337.0	58.3	-6.4	2.1	54
5530.625000	49.3	202.0	V	254.0	52.5	-3.2	4.7	54

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



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9131.250000	47.6	102.0	V	0.0	57.6	-10.0	26.4	74
10481.250000	49.5	202.0	H	108.0	59.6	-10.1	24.5	74
10487.500000	49.2	102.0	H	36.0	59.3	-10.1	24.8	74
12680.000000	52.3	102.0	V	22.0	66.6	-14.3	21.7	74
15412.500000	56.3	102.0	V	331.0	75.5	-19.2	17.7	74
17993.750000	63.0	102.0	V	273.0	88.3	-25.3	11.0	74

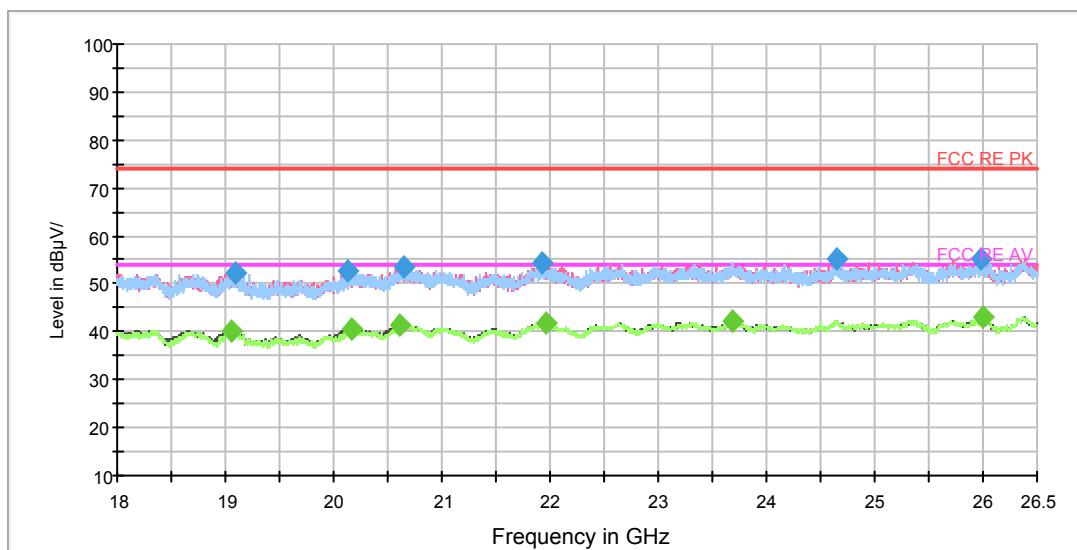
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9155.000000	35.7	202.0	V	89.0	46.0	-10.3	18.3	54
10312.500000	40.8	102.0	H	36.0	50.8	-10.0	13.2	54
10485.000000	37.8	102.0	H	36.0	47.9	-10.1	16.2	54
12637.500000	40.4	102.0	V	331.0	54.7	-14.3	13.6	54
15418.750000	43.9	202.0	V	35.0	63.3	-19.4	10.1	54
18000.000000	50.6	202.0	V	62.0	76.1	-25.5	3.4	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)
19086.937500	52.1	V	270.0	57.3	-5.2	21.9	74
20122.875000	52.6	V	270.0	58.4	-5.8	21.4	74
20652.000000	53.5	V	131.0	60.1	-6.6	20.5	74
21925.937500	54.4	V	215.0	62.4	-8.0	19.6	74
24644.875000	55.3	V	229.0	61.3	-6.0	18.7	74
25986.812500	55.0	V	256.0	60.4	-5.4	19.0	74

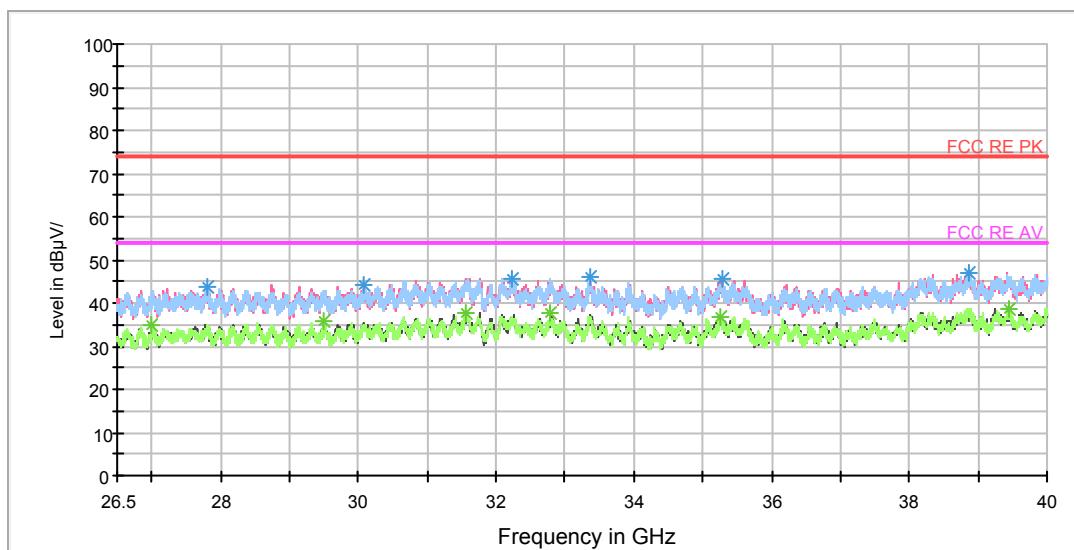
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
19061.437500	40.3	V	242.0	45.5	-5.2	13.7	54
20157.937500	40.4	V	256.0	46.2	-5.8	13.6	54
20612.687500	41.4	V	270.0	47.9	-6.5	12.6	54
21964.187500	42.0	V	242.0	50.0	-8.0	12.0	54
23692.875000	42.4	V	201.0	48.3	-5.9	11.6	54
25998.500000	43.0	V	242.0	48.4	-5.4	11.0	54

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



RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27812.875000	43.7	101.0	V	299.0	45.2	-1.5	30.3	74
30092.687500	44.3	101.0	V	144.0	44.7	-0.4	29.7	74
32224.000000	45.8	101.0	V	246.0	46.3	-0.5	28.2	74
33364.750000	45.9	101.0	H	103.0	46.9	-1.0	28.1	74
35276.687500	45.7	101.0	V	153.0	46.3	-0.6	28.3	74
38866.000000	47.0	101.0	H	112.0	44.2	2.8	27.0	74

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

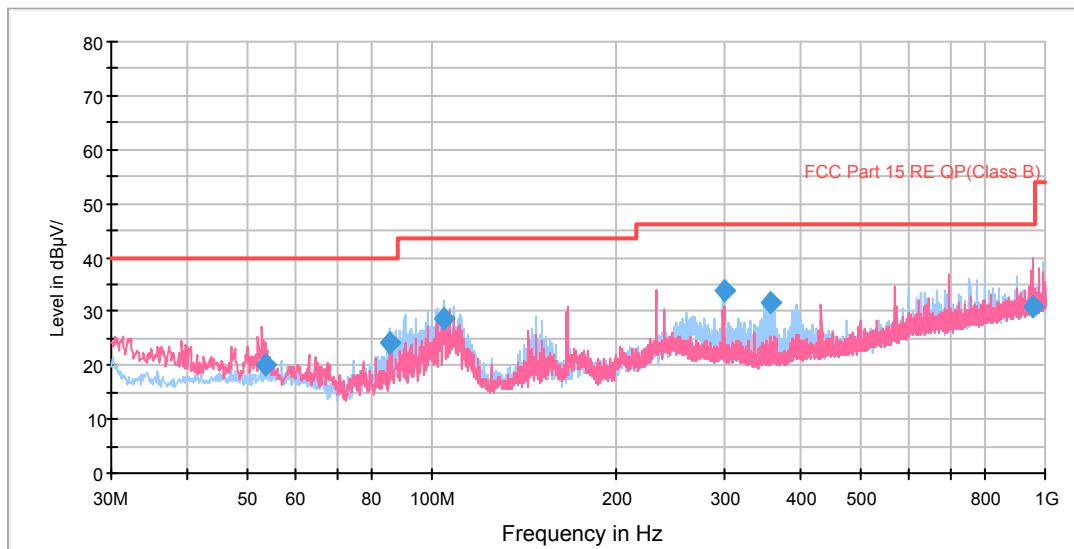
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27006.250000	35.0	101.0	V	228.0	35.9	-0.9	19.0	54
29505.437500	35.7	101.0	V	300.0	36.5	-0.8	18.3	54
31574.312500	37.7	101.0	H	84.0	38.2	-0.5	16.3	54
32792.687500	37.7	101.0	V	299.0	38.5	-0.8	16.3	54
35256.437500	36.9	101.0	H	60.0	37.5	-0.6	17.1	54
39460.000000	38.7	101.0	H	60.0	36.0	2.7	15.3	54

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



MIMO 802.11n (HT20) CH149

FCC RE 0.03-1GHz QP Class B



Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
53.516250	20.0	100.0	V	81.0	32.8	-12.8	20.0	40.0
85.532500	24.0	375.0	H	153.0	34.4	-10.4	16.0	40.0
104.770000	28.5	275.0	H	193.0	41.3	-12.8	15.0	43.5
299.296250	33.8	100.0	H	262.0	49.2	-15.4	12.2	46.0
356.727500	31.5	100.0	H	354.0	48.3	-16.8	14.5	46.0
952.873750	30.9	100.0	V	210.0	56.9	-26.0	15.1	46.0

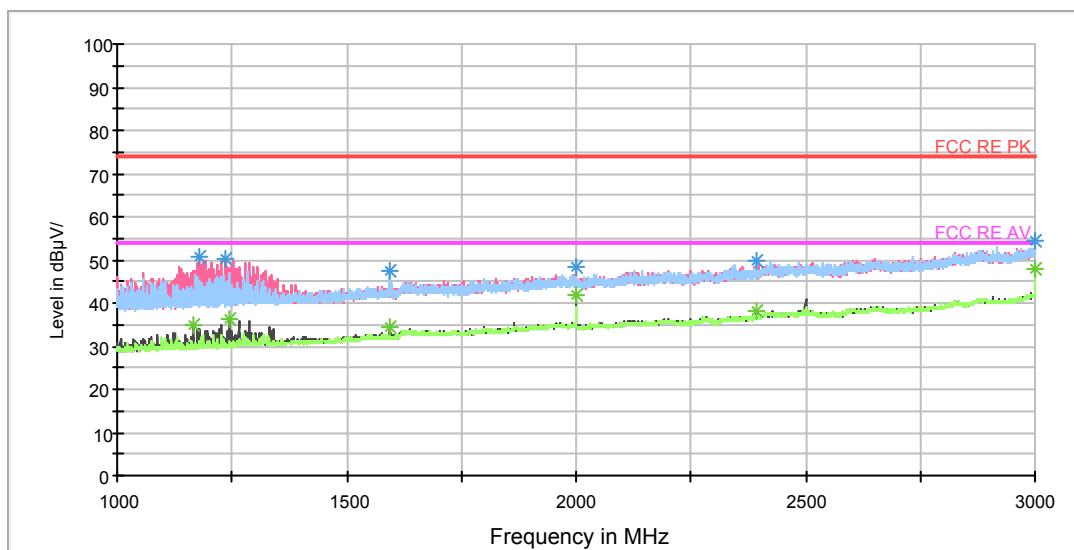
Remark: 1. Quasi-Peak = Reading value + Correction factor

2. Correction Factor = Antenna factor+ Insertion loss(cable loss+amplifier gain)

3. Margin = Limit – Quasi-Peak



RE 1G-3GHz PK+AV



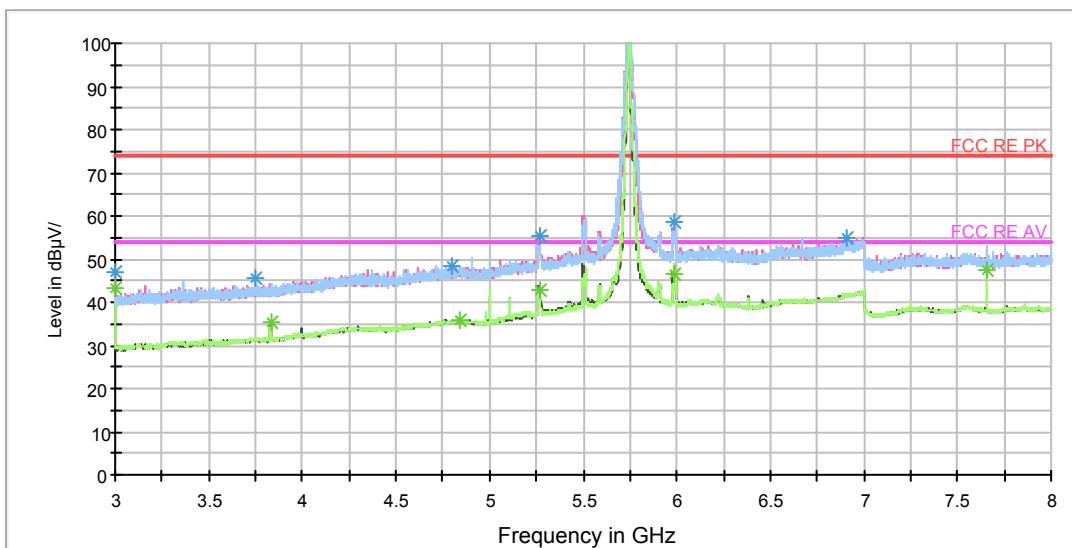
Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1179.250000	50.6	102.0	V	83.0	58.6	-8.0	23.4	74
1235.500000	50.0	102.0	V	36.0	57.9	-7.9	24.0	74
1595.000000	47.4	102.0	H	0.0	53.8	-6.4	26.6	74
2000.000000	48.3	202.0	V	7.0	51.7	-3.4	25.7	74
2394.250000	49.9	102.0	H	78.0	51.2	-1.3	24.1	74
3000.000000	54.6	102.0	V	0.0	56.9	-2.3	19.4	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)
1164.500000	34.7	102.0	V	83.0	42.9	-8.2	19.3	54
1244.250000	36.1	102.0	V	93.0	44.1	-8.0	17.9	54
1595.500000	34.3	102.0	V	188.0	40.7	-6.4	19.7	54
2000.000000	42.0	102.0	V	61.0	45.4	-3.4	12.0	54
2394.500000	38.0	102.0	V	0.0	39.3	-1.3	16.0	54
3000.000000	48.1	202.0	V	212.0	50.4	-2.3	5.9	54

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



Note: The signal beyond the limit is carrier.

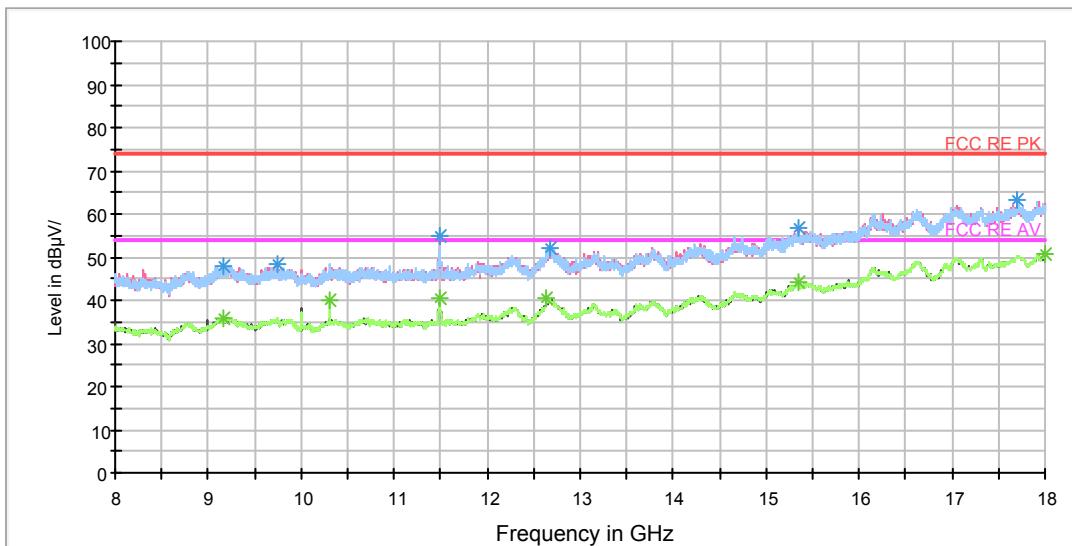
Radiates Emission from 3GHz to 8GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	47.2	202.0	V	183.0	50.4	-3.2	26.8	74
3745.625000	45.7	202.0	H	331.0	47.4	-1.7	28.3	74
4796.875000	48.2	102.0	V	234.0	49.5	-1.3	25.8	74
5267.500000	55.5	202.0	V	258.0	57.7	-2.2	18.5	74
5991.875000	58.8	202.0	H	0.0	63.6	-4.8	15.2	74
6910.000000	54.9	202.0	V	108.0	61.1	-6.2	19.1	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	43.2	202.0	V	183.0	46.4	-3.2	10.8	54
3830.000000	35.1	102.0	V	206.0	36.8	-1.7	18.9	54
4844.375000	36.0	202.0	V	0.0	37.6	-1.6	18.0	54
5267.500000	42.7	202.0	V	258.0	44.9	-2.2	11.3	54
5991.875000	46.5	202.0	H	0.0	51.3	-4.8	7.5	54
7660.000000	47.5	102.0	H	259.0	54.3	-6.8	6.5	54

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



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9155.000000	47.9	202.0	V	0.0	58.2	-10.3	26.1	74
9736.250000	48.3	102.0	V	322.0	58.2	-9.9	25.7	74
11491.250000	54.8	102.0	V	216.0	65.2	-10.4	19.2	74
12666.250000	52.2	202.0	V	116.0	66.1	-13.9	21.8	74
15343.750000	56.8	102.0	V	0.0	75.6	-18.8	17.2	74
17705.000000	63.4	202.0	V	0.0	88.1	-24.7	10.6	74

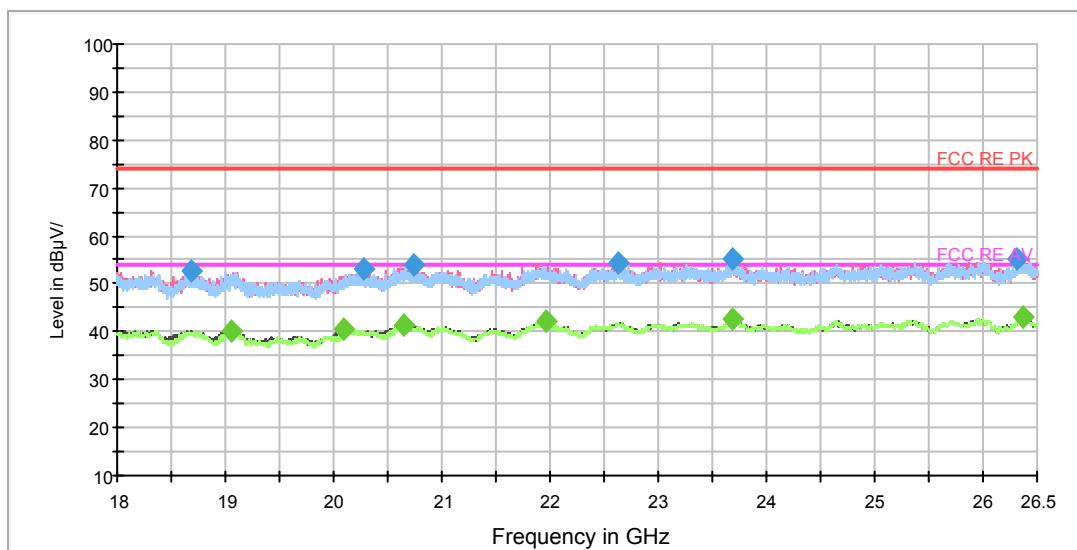
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9156.250000	35.7	102.0	V	106.0	46.0	-10.3	18.3	54
10312.500000	39.8	102.0	H	40.0	49.8	-10.0	14.2	54
11488.750000	40.5	102.0	V	216.0	50.9	-10.4	13.5	54
12640.000000	40.3	202.0	V	10.0	54.9	-14.6	13.7	54
15346.250000	44.0	202.0	H	0.0	62.8	-18.8	10.0	54
17993.750000	50.6	102.0	H	14.0	75.9	-25.3	3.4	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)
18690.625000	52.6	H	90.0	56.9	-4.3	21.4	74
20272.687500	53.0	H	90.0	58.9	-5.9	21.0	74
20735.937500	53.8	H	173.0	60.6	-6.8	20.2	74
22634.625000	54.2	H	118.0	60.9	-6.7	19.8	74
23685.437500	55.3	H	159.0	61.2	-5.9	18.7	74
26319.375000	55.1	V	241.0	60.5	-5.4	18.9	74

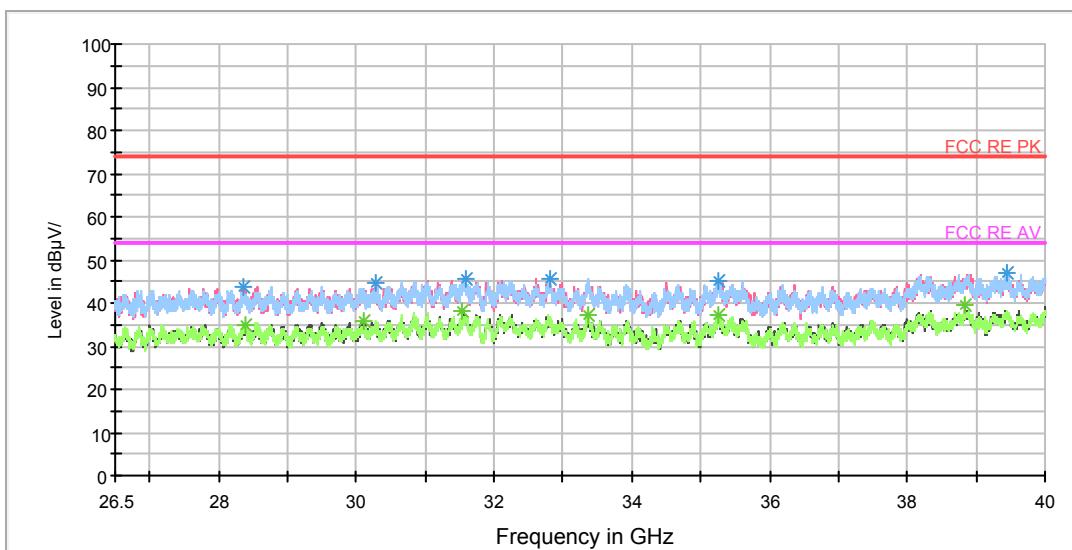
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
19054.000000	40.3	V	241.0	45.5	-5.2	13.7	54
20100.562500	40.4	V	173.0	46.2	-5.8	13.6	54
20644.562500	41.4	V	201.0	48.0	-6.6	12.6	54
21957.812500	42.1	V	270.0	50.1	-8.0	11.9	54
23688.625000	42.5	V	102.0	48.4	-5.9	11.5	54
26375.687500	43.1	H	90.0	48.5	-5.4	10.9	54

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



RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28376.500000	43.5	101.0	V	237.0	45.0	-1.5	30.5	74
30273.250000	44.8	101.0	V	300.0	45.2	-0.4	29.2	74
31587.812500	45.7	101.0	H	170.0	46.2	-0.5	28.3	74
32806.187500	45.5	101.0	V	180.0	46.3	-0.8	28.5	74
35246.312500	45.3	101.0	V	191.0	45.9	-0.6	28.7	74
39456.625000	46.8	101.0	H	69.0	44.1	2.7	27.2	74

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

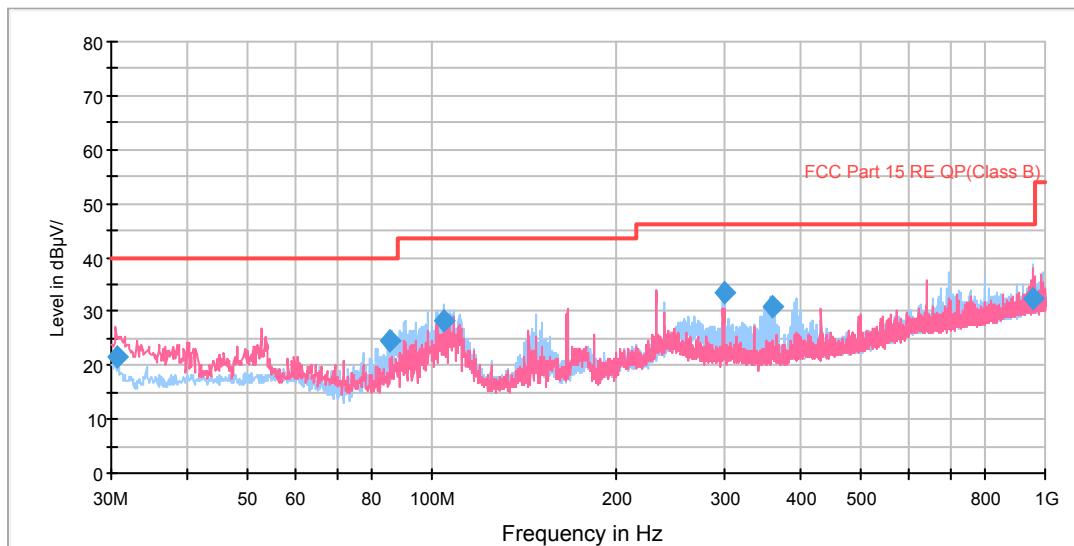
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28378.187500	35.1	101.0	V	219.0	36.6	-1.5	18.9	54
30121.375000	35.8	101.0	V	60.0	36.2	-0.4	18.2	54
31543.937500	38.1	101.0	H	69.0	38.6	-0.5	15.9	54
33364.750000	37.2	101.0	V	89.0	38.2	-1.0	16.8	54
35263.187500	37.1	101.0	H	230.0	37.7	-0.6	16.9	54
38830.562500	39.4	101.0	V	142.0	36.6	2.8	14.6	54

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



MIMO 802.11n (HT20) CH157

FCC RE 0.03-1GHz QP Class B



Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
30.640000	21.7	100.0	V	313.0	33.6	-11.9	18.3	40.0
85.537500	24.5	200.0	H	328.0	34.9	-10.4	19.0	43.5
104.770000	28.2	275.0	H	353.0	41.0	-12.8	15.3	43.5
299.296250	33.6	100.0	H	266.0	49.0	-15.4	12.4	46.0
358.790000	30.8	100.0	H	0.0	47.6	-16.8	15.2	46.0
953.522500	32.5	100.0	H	320.0	58.5	-26.0	13.5	46.0

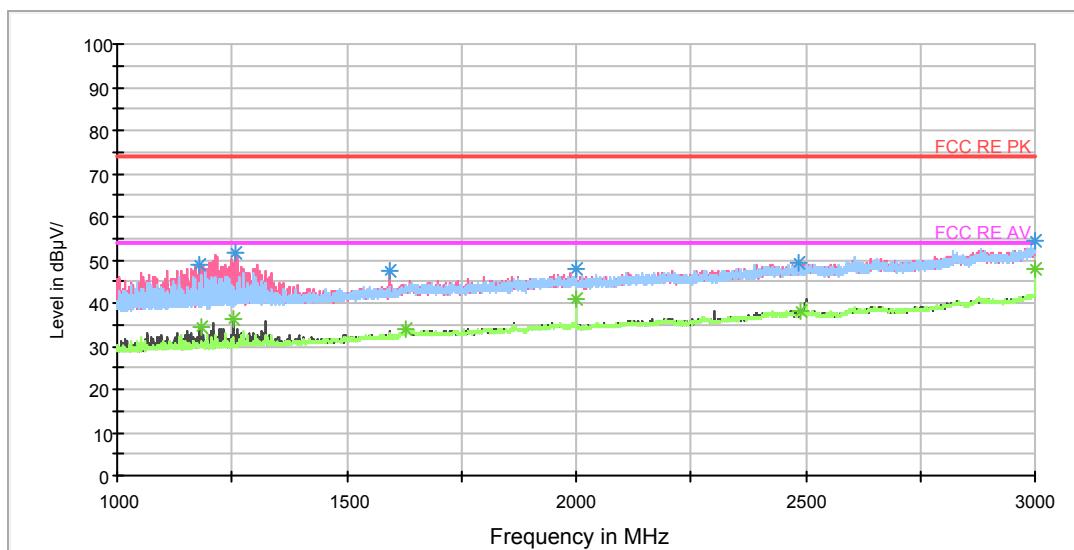
Remark: 1. Quasi-Peak = Reading value + Correction factor

2. Correction Factor = Antenna factor+ Insertion loss(cable loss+amplifier gain)

3. Margin = Limit – Quasi-Peak



RE 1G-3GHz PK+AV



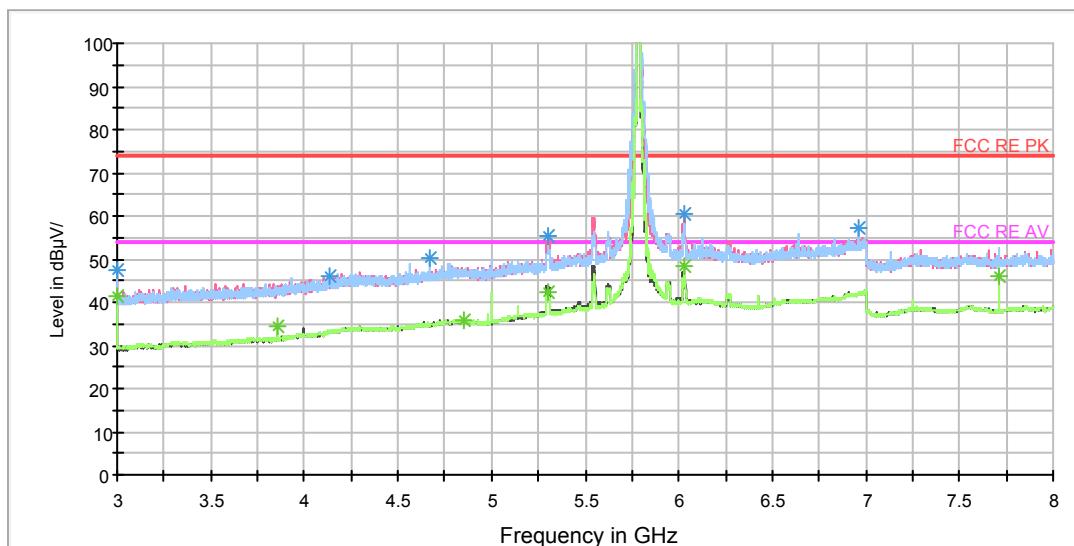
Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1177.250000	48.9	102.0	V	162.0	56.9	-8.0	25.1	74
1257.500000	51.8	102.0	V	96.0	59.6	-7.8	22.2	74
1595.000000	47.2	102.0	V	193.0	53.6	-6.4	26.8	74
2000.500000	47.8	202.0	V	154.0	51.2	-3.4	26.2	74
2486.500000	49.5	102.0	H	0.0	49.6	-0.1	24.5	74
3000.000000	54.5	102.0	V	23.0	56.8	-2.3	19.5	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1183.250000	34.3	102.0	V	75.0	42.3	-8.0	19.7	54
1252.750000	36.1	102.0	V	85.0	44.1	-8.0	17.9	54
1629.250000	33.7	102.0	H	0.0	38.4	-4.7	20.3	54
2000.000000	41.0	102.0	V	63.0	44.4	-3.4	13.0	54
2488.000000	38.3	102.0	H	199.0	38.5	-0.2	15.7	54
3000.000000	47.8	202.0	V	215.0	50.1	-2.3	6.2	54

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



Note: The signal beyond the limit is carrier.

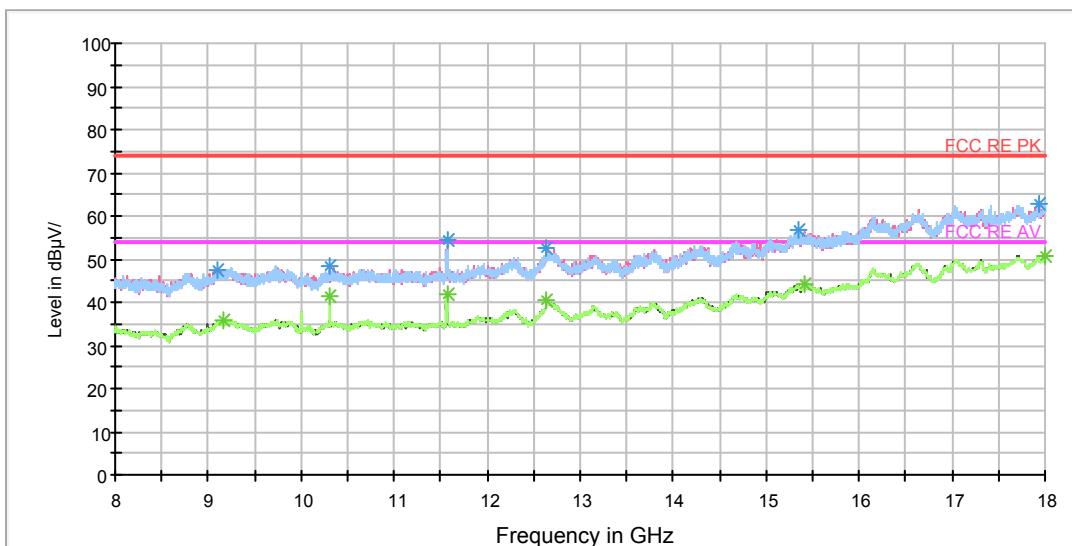
Radiates Emission from 3GHz to 8GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	47.5	202.0	V	184.0	50.7	-3.2	26.5	74
4140.000000	46.2	102.0	V	0.0	46.5	-0.3	27.8	74
4671.250000	50.2	102.0	H	156.0	51.0	-0.8	23.8	74
5298.125000	55.5	202.0	V	9.0	57.9	-2.4	18.5	74
6031.875000	60.3	202.0	V	0.0	65.1	-4.8	13.7	74
6958.750000	57.2	102.0	H	0.0	63.4	-6.2	16.8	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)
3000.000000	41.6	202.0	V	184.0	44.8	-3.2	12.4	54
3856.250000	34.5	102.0	V	228.0	36.1	-1.6	19.5	54
4847.500000	36.0	202.0	H	277.0	37.6	-1.6	18.0	54
5298.125000	42.4	202.0	V	9.0	44.8	-2.4	11.6	54
6031.875000	48.3	202.0	V	0.0	53.1	-4.8	5.7	54
7713.750000	46.1	102.0	H	260.0	52.9	-6.8	7.9	54

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



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9090.000000	47.4	102.0	V	244.0	56.8	-9.4	26.6	74
10312.500000	48.3	102.0	H	34.0	58.3	-10.0	25.7	74
11568.750000	54.3	102.0	H	34.0	65.3	-11.0	19.7	74
12642.500000	52.4	102.0	V	190.0	66.9	-14.5	21.6	74
15340.000000	56.6	202.0	H	107.0	75.4	-18.8	17.4	74
17931.250000	62.8	202.0	V	38.0	88.1	-25.3	11.2	74

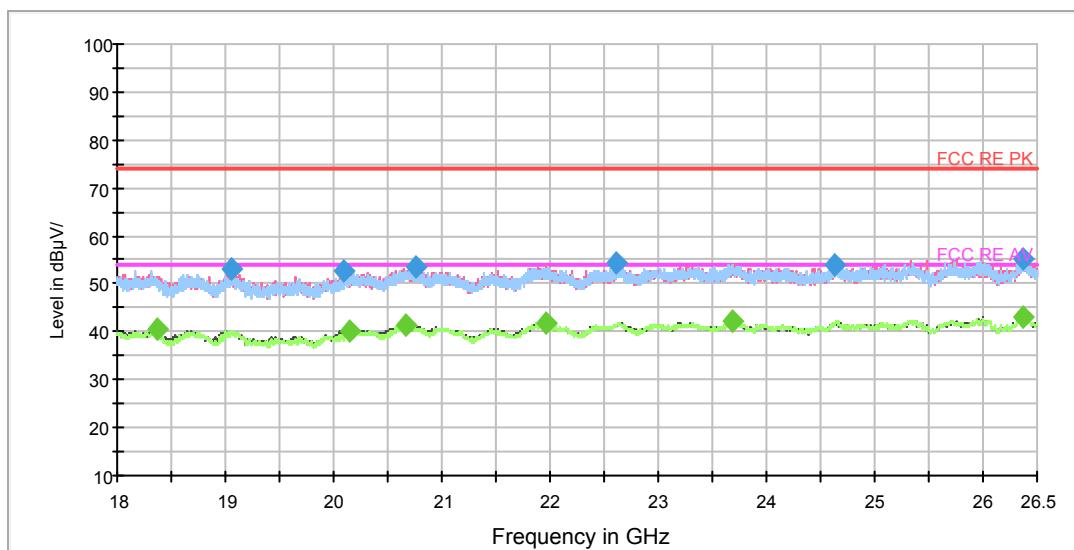
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9153.750000	35.6	102.0	H	0.0	45.8	-10.2	18.4	54
10312.500000	41.3	102.0	H	34.0	51.3	-10.0	12.7	54
11568.750000	41.7	102.0	H	34.0	52.7	-11.0	12.3	54
12640.000000	40.5	202.0	H	0.0	55.1	-14.6	13.5	54
15423.750000	44.0	102.0	H	88.0	63.4	-19.4	10.0	54
17993.750000	50.7	202.0	V	0.0	76.0	-25.3	3.3	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 (dB μ V/m)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
19064.625000	52.9	V	270.0	58.1	-5.2	21.1	74
20101.625000	52.7	V	216.0	58.5	-5.8	21.3	74
20762.500000	53.4	V	270.0	60.2	-6.8	20.6	74
22617.625000	54.4	H	170.0	61.1	-6.7	19.6	74
24635.312500	54.1	H	115.0	60.1	-6.0	19.9	74
26371.437500	55.3	H	90.0	60.7	-5.4	18.7	74

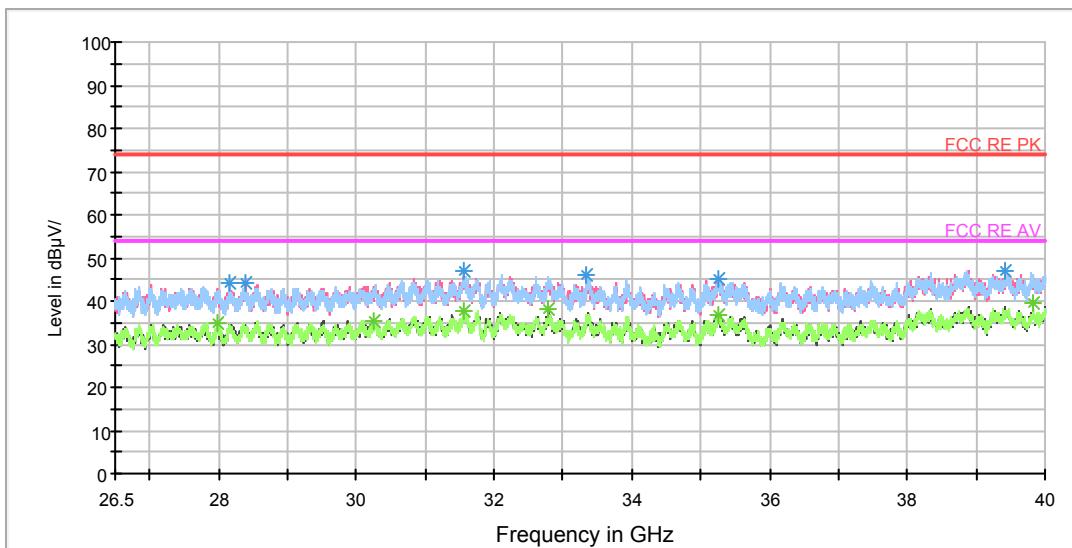
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dB μ V/m)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
18364.437500	40.4	H	90.0	43.7	-3.3	13.6	54
20152.625000	40.3	V	270.0	46.1	-5.8	13.7	54
20661.562500	41.4	V	270.0	48.0	-6.6	12.6	54
21967.375000	41.9	V	175.0	49.9	-8.0	12.1	54
23686.500000	42.4	V	161.0	48.3	-5.9	11.6	54
26374.625000	43.0	H	129.0	48.4	-5.4	11.0	54

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



RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28168.937500	44.1	101.0	H	86.0	45.7	-1.6	29.9	74
28384.937500	44.0	101.0	V	300.0	45.5	-1.5	30.0	74
31550.687500	47.0	101.0	V	248.0	47.5	-0.5	27.0	74
33351.250000	46.0	101.0	V	172.0	47.0	-1.0	28.0	74
35246.312500	45.3	101.0	H	300.0	45.9	-0.6	28.7	74
39426.250000	47.0	101.0	V	285.0	44.3	2.7	27.0	74

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

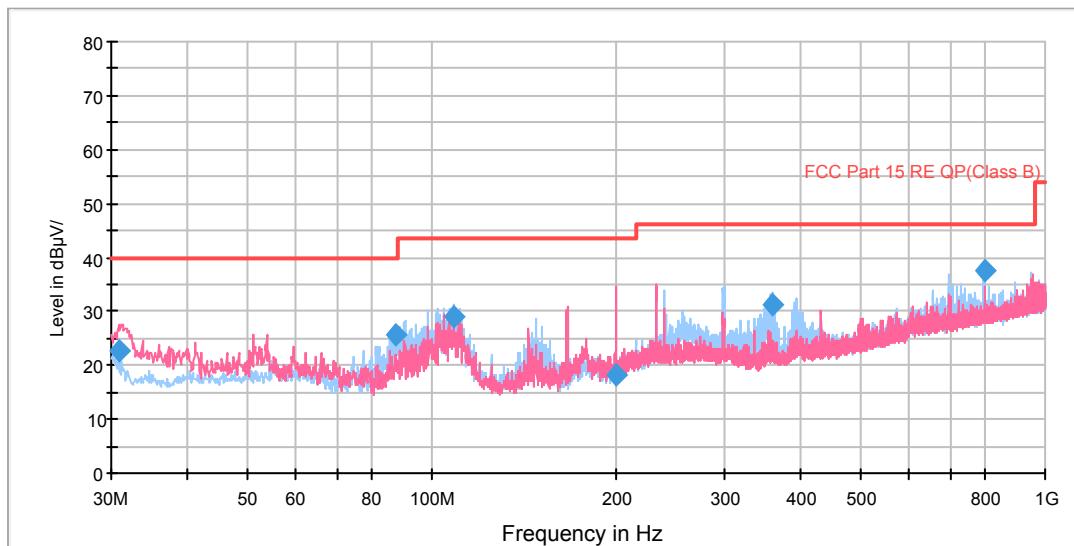
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27993.437500	35.0	101.0	V	275.0	36.7	-1.7	19.0	54
30266.500000	35.3	101.0	H	152.0	35.7	-0.4	18.7	54
31572.625000	37.8	101.0	H	152.0	38.3	-0.5	16.2	54
32797.750000	38.1	101.0	V	275.0	38.9	-0.8	15.9	54
35264.875000	36.9	101.0	V	248.0	37.5	-0.6	17.1	54
39832.937500	39.4	101.0	H	260.0	37.0	2.4	14.6	54

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



MIMO 802.11n (HT20) CH165

FCC RE 0.03-1GHz QP Class B



Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dB _µ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB _µ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB _µ V/m)
30.893750	22.5	111.0	V	268.0	34.4	-11.9	17.5	40.0
87.632500	25.7	200.0	H	324.0	36.8	-11.1	14.3	40.0
108.812500	29.0	225.0	H	195.0	41.4	-12.4	14.5	43.5
199.186250	18.2	225.0	V	351.0	30.2	-12.0	25.3	43.5
358.790000	31.3	100.0	H	0.0	48.1	-16.8	14.7	46.0
796.623750	37.7	100.0	H	247.0	62.0	-24.3	8.3	46.0

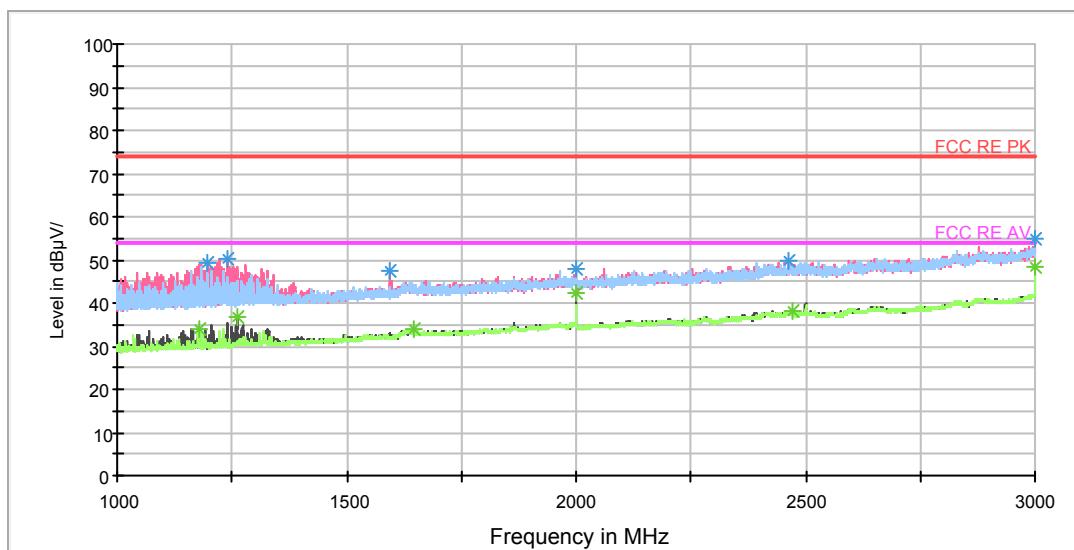
Remark: 1. Quasi-Peak = Reading value + Correction factor

2. Correction Factor = Antenna factor+ Insertion loss(cable loss+amplifier gain)

3. Margin = Limit – Quasi-Peak



RE 1G-3GHz PK+AV



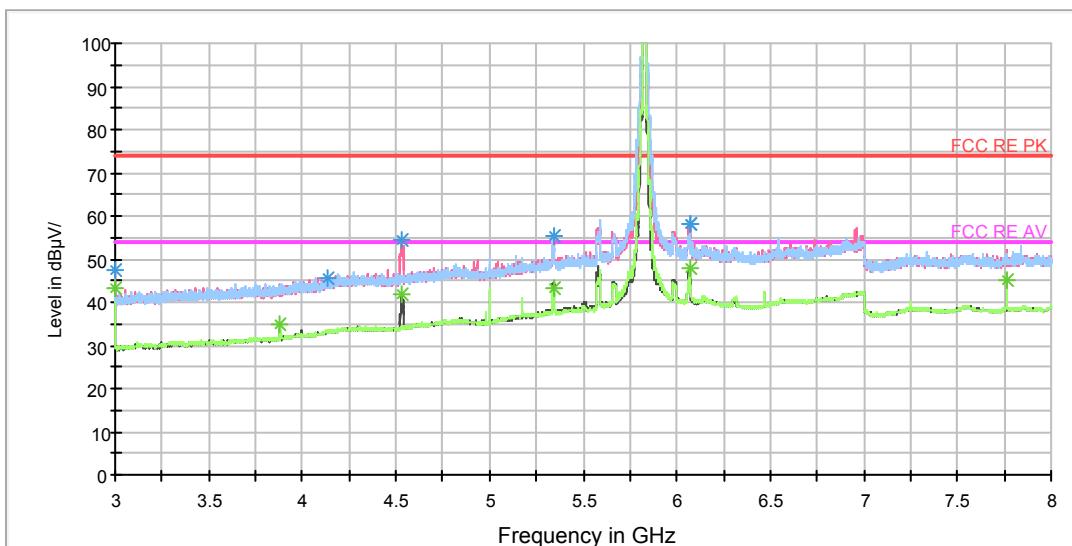
Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1198.500000	49.1	102.0	V	72.0	57.3	-8.2	24.9	74
1240.250000	50.2	102.0	V	84.0	58.2	-8.0	23.8	74
1595.250000	47.2	102.0	V	192.0	53.6	-6.4	26.8	74
1999.750000	47.9	202.0	V	146.0	51.3	-3.4	26.1	74
2465.000000	49.6	102.0	H	188.0	50.1	-0.5	24.4	74
3000.000000	54.8	202.0	H	188.0	57.1	-2.3	19.2	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)
1177.000000	34.0	102.0	H	70.0	42.0	-8.0	20.0	54
1260.250000	36.9	102.0	V	95.0	44.7	-7.8	17.1	54
1645.250000	33.8	202.0	V	0.0	38.7	-4.9	20.2	54
2000.250000	42.3	202.0	V	146.0	45.7	-3.4	11.7	54
2471.000000	38.3	102.0	V	357.0	38.7	-0.4	15.7	54
3000.000000	48.2	202.0	V	212.0	50.5	-2.3	5.8	54

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



Note: The signal beyond the limit is carrier.

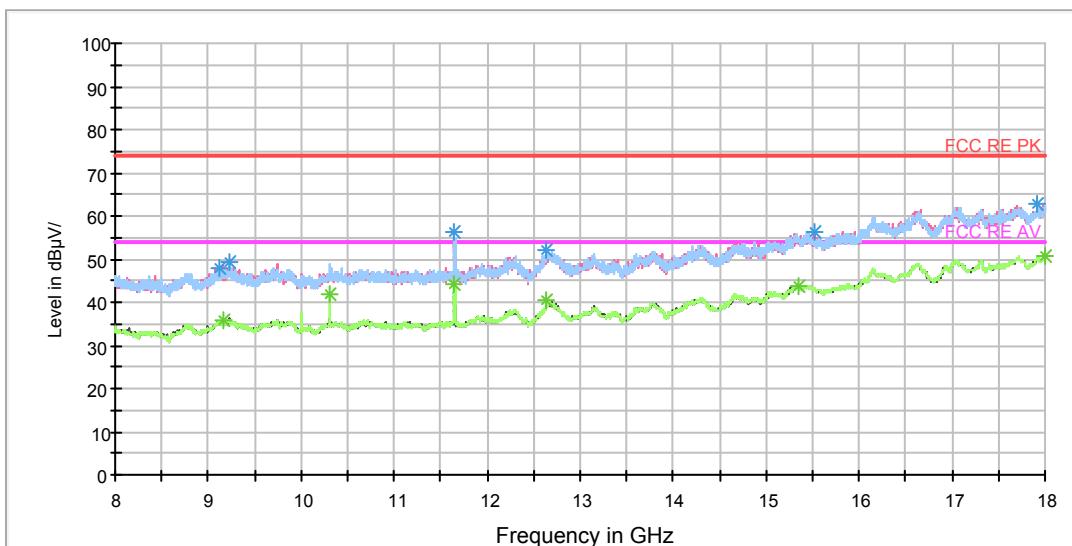
Radiates Emission from 3GHz to 8GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	47.4	202.0	V	183.0	50.6	-3.2	26.6	74
4136.250000	45.7	202.0	H	352.0	46.0	-0.3	28.3	74
4535.625000	54.2	102.0	V	0.0	54.8	-0.6	19.8	74
5341.875000	55.5	202.0	V	0.0	57.8	-2.3	18.5	74
6074.375000	58.4	102.0	H	0.0	63.5	-5.1	15.6	74
6074.375000	58.4	102.0	H	0.0	63.5	-5.1	15.6	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)
3000.000000	43.0	202.0	V	183.0	46.2	-3.2	11.0	54
3883.125000	34.9	102.0	H	9.0	36.2	-1.3	19.1	54
4530.625000	42.1	102.0	V	0.0	42.7	-0.6	11.9	54
5341.875000	43.0	202.0	V	0.0	45.3	-2.3	11.0	54
6074.375000	48.1	102.0	H	0.0	53.2	-5.1	5.9	54
7766.875000	45.2	102.0	H	84.0	52.4	-7.2	8.8	54

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



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9128.750000	48.0	102.0	H	0.0	58.0	-10.0	26.0	74
9232.500000	49.1	102.0	H	168.0	59.0	-9.9	24.9	74
11650.000000	56.2	102.0	H	35.0	67.2	-11.0	17.8	74
12642.500000	52.0	202.0	H	0.0	66.5	-14.5	22.0	74
15525.000000	56.3	102.0	V	135.0	75.7	-19.4	17.7	74
17918.750000	62.9	102.0	H	0.0	88.6	-25.7	11.1	74

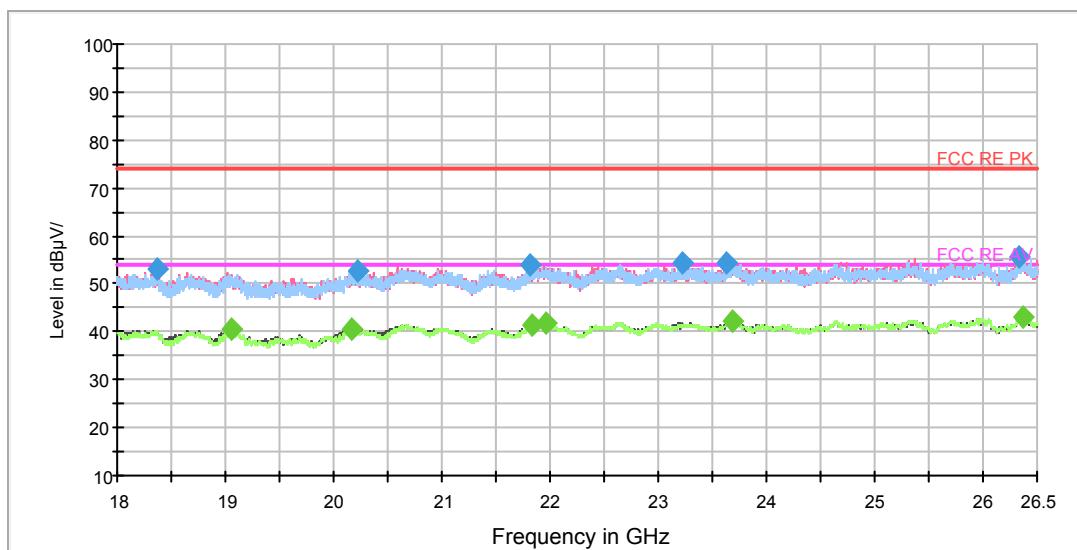
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9156.250000	35.6	202.0	V	2.0	45.9	-10.3	18.4	54
10312.500000	41.8	102.0	H	35.0	51.8	-10.0	12.2	54
11648.750000	44.2	102.0	H	35.0	55.2	-11.0	9.8	54
12641.250000	40.5	102.0	V	0.0	55.0	-14.5	13.5	54
15343.750000	43.9	202.0	H	218.0	62.7	-18.8	10.1	54
18000.000000	50.5	202.0	H	272.0	76.0	-25.5	3.5	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 (dB μ V/m)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
18370.812500	53.0	V	270.0	56.4	-3.4	21.0	74
20227.000000	52.6	H	90.0	58.5	-5.9	21.4	74
21818.625000	53.8	V	241.0	61.8	-8.0	20.2	74
23226.437500	54.5	V	131.0	60.5	-6.0	19.5	74
23633.375000	54.4	H	90.0	60.3	-5.9	19.6	74
26338.500000	55.4	V	214.0	60.8	-5.4	18.6	74

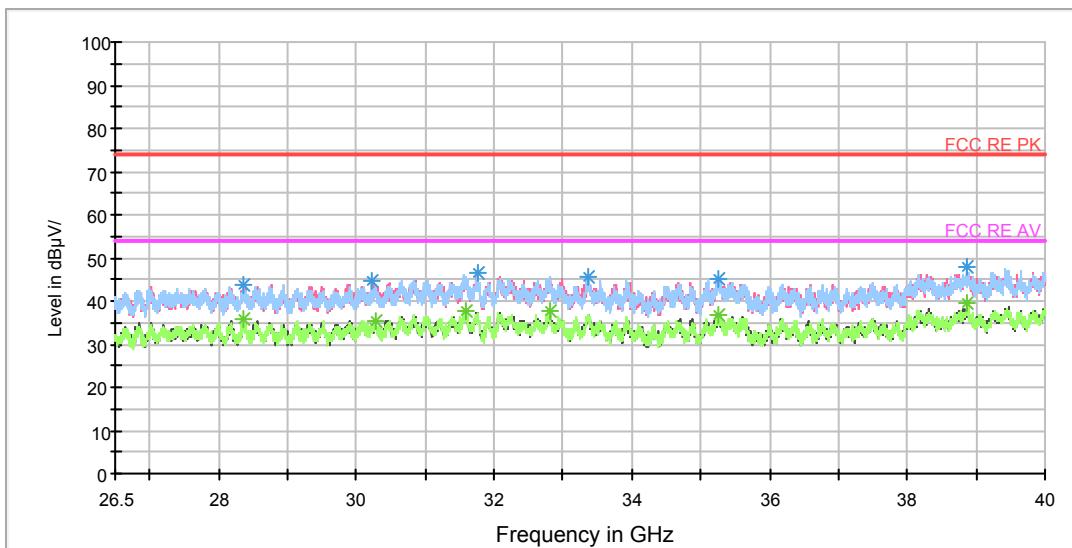
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dB μ V/m)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
19057.187500	40.4	V	201.0	45.6	-5.2	13.6	54
20163.250000	40.6	V	255.0	46.4	-5.8	13.4	54
21836.687500	41.3	V	201.0	49.3	-8.0	12.7	54
21955.687500	41.9	V	214.0	49.9	-8.0	12.1	54
23689.687500	42.3	V	270.0	48.2	-5.9	11.7	54
26375.687500	43.0	H	187.0	48.4	-5.4	11.0	54

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



RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28356.250000	43.6	101.0	H	72.0	45.1	-1.5	30.4	74
30219.250000	44.6	101.0	V	68.0	45.0	-0.4	29.4	74
31753.187500	46.4	101.0	H	248.0	46.9	-0.5	27.6	74
33361.375000	45.7	101.0	V	300.0	46.7	-1.0	28.3	74
35251.375000	45.3	101.0	V	246.0	45.9	-0.6	28.7	74
38874.437500	48.0	101.0	H	60.0	45.1	2.9	26.0	74

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

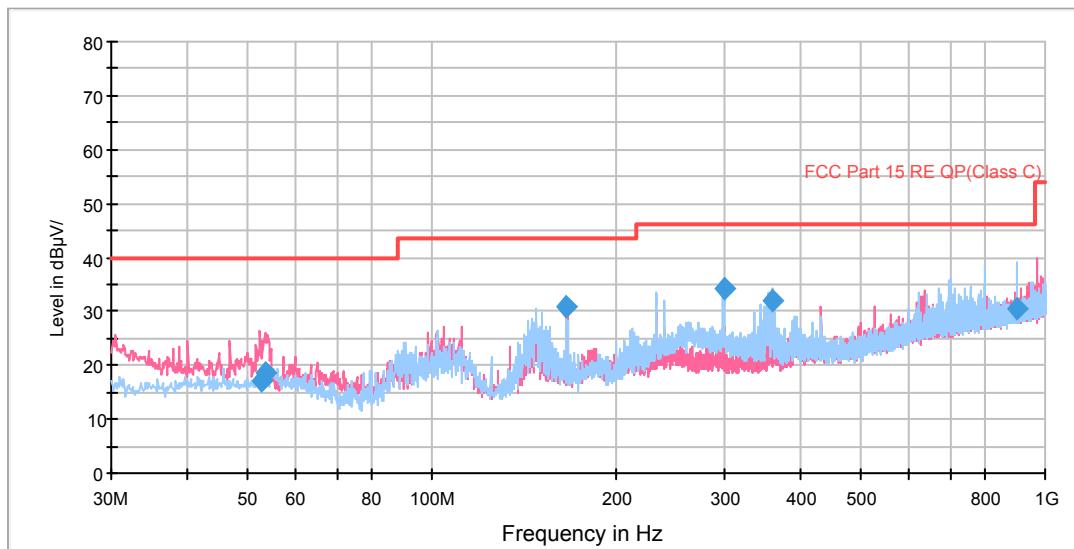
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28357.937500	35.6	101.0	H	107.0	37.1	-1.5	18.4	54
30285.062500	35.5	101.0	V	135.0	35.9	-0.4	18.5	54
31587.812500	37.9	101.0	V	283.0	38.4	-0.5	16.1	54
32804.500000	37.9	101.0	V	175.0	38.7	-0.8	16.1	54
35251.375000	36.7	101.0	H	107.0	37.3	-0.6	17.3	54
38874.437500	39.7	101.0	H	60.0	36.8	2.9	14.3	54

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



MIMO 802.11n (HT40) CH38

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)
52.671250	17.0	100.0	V	116.0	29.9	-12.9	23.0	40.0
53.688750	18.7	100.0	V	275.0	31.5	-12.8	21.3	40.0
166.001250	30.9	100.0	V	248.0	40.9	-10.0	12.6	43.5
299.290000	34.1	100.0	H	272.0	49.5	-15.4	11.9	46.0
358.790000	32.0	100.0	H	341.0	48.8	-16.8	14.0	46.0
897.142500	30.6	100.0	H	322.0	56.1	-25.5	15.4	46.0

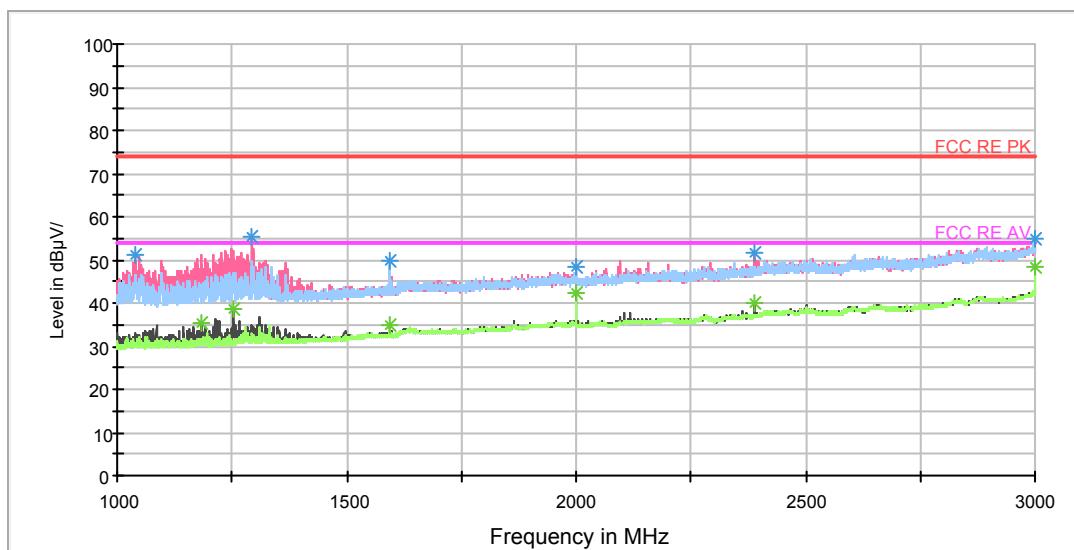
Remark: 1. Quasi-Peak = Reading value + Correction factor

2. Correction Factor = Antenna factor+ Insertion loss(cable loss+amplifier gain)

3. Margin = Limit – Quasi-Peak



RE 1G-3GHz PK+AV



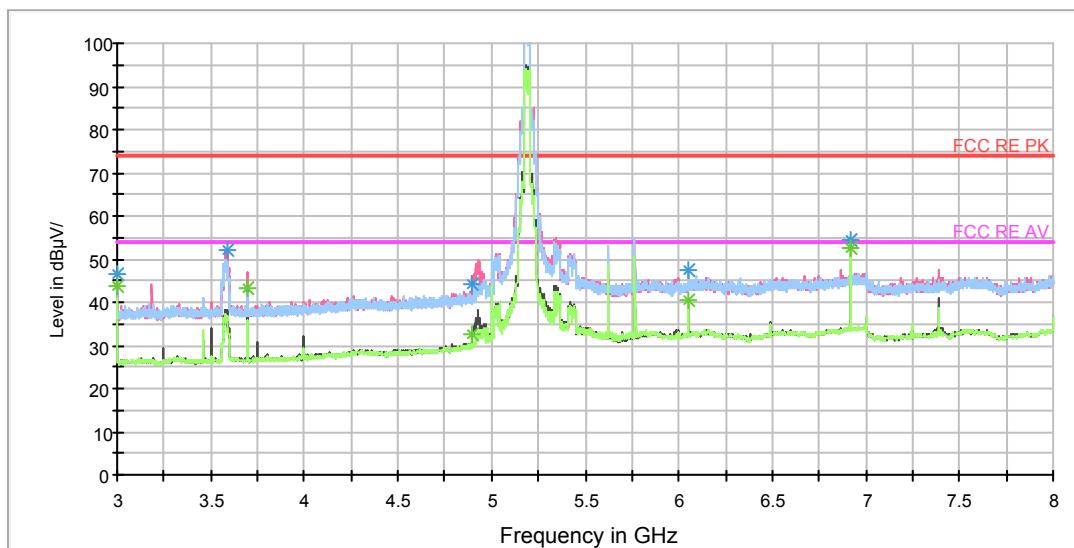
Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1037.500000	51.3	103.0	V	42.0	60.4	-9.1	22.7	74
1294.750000	55.4	103.0	V	110.0	63.2	-7.8	18.6	74
1594.500000	49.6	103.0	H	56.0	56.0	-6.4	24.4	74
1999.750000	48.4	103.0	V	63.0	51.8	-3.4	25.6	74
2389.500000	51.6	103.0	V	0.0	53.0	-1.4	22.4	74
3000.000000	54.8	302.0	V	244.0	57.1	-2.3	19.2	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)
1182.000000	35.5	103.0	V	82.0	43.5	-8.0	18.5	54
1251.500000	38.6	103.0	V	0.0	46.6	-8.0	15.4	54
1595.500000	34.8	103.0	V	190.0	41.2	-6.4	19.2	54
2000.000000	42.1	202.0	V	145.0	45.5	-3.4	11.9	54
2390.500000	40.0	103.0	V	0.0	41.4	-1.4	14.0	54
3000.000000	48.3	202.0	V	198.0	50.6	-2.3	5.7	54

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



Note: The signal beyond the limit is carrier.

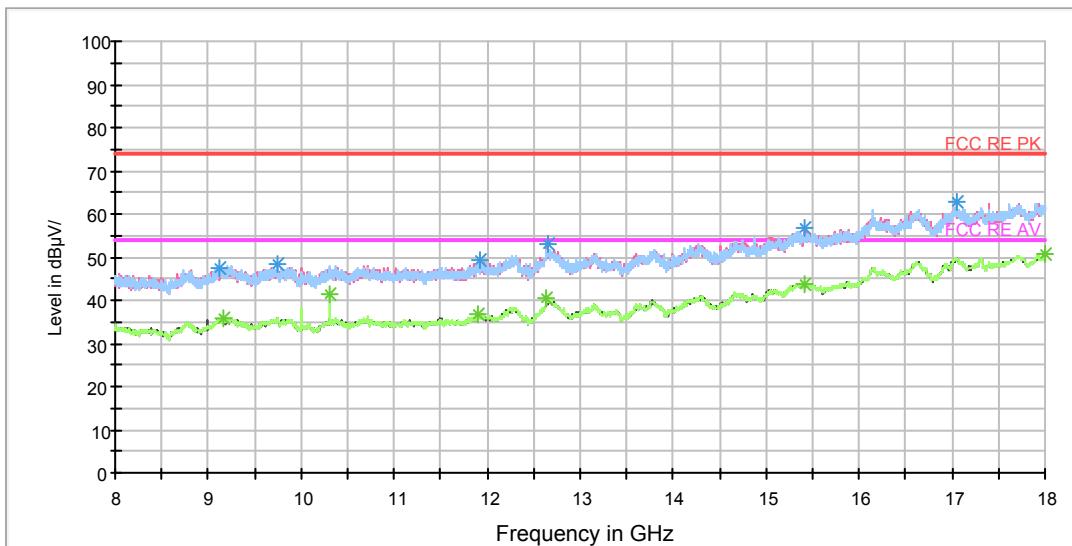
Radiates Emission from 3GHz to 8GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	46.4	202.0	V	23.0	49.6	-3.2	27.6	74
3589.375000	52.2	202.0	V	85.0	54.5	-2.3	21.8	74
4896.875000	44.3	202.0	V	320.0	46.2	-1.9	29.7	74
6055.000000	47.4	202.0	H	17.0	52.3	-4.9	26.6	74
6920.000000	54.6	101.0	H	89.0	60.8	-6.2	19.4	74
3000.000000	46.4	202.0	V	23.0	49.6	-3.2	27.6	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	43.5	202.0	V	23.0	46.7	-3.2	10.5	54
3692.500000	43.3	202.0	V	0.0	45.0	-1.7	10.7	54
4898.750000	32.7	202.0	V	320.0	34.6	-1.9	21.3	54
6055.000000	40.4	202.0	H	17.0	45.3	-4.9	13.6	54
6920.000000	52.4	202.0	H	314.0	58.6	-6.2	1.6	54
3000.000000	43.5	202.0	V	23.0	46.7	-3.2	10.5	54

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



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9118.750000	47.4	102.0	V	271.0	57.4	-10.0	26.6	74
9746.250000	48.5	102.0	H	143.0	58.4	-9.9	25.5	74
11912.500000	49.4	202.0	V	6.0	61.3	-11.9	24.6	74
12660.000000	53.2	102.0	H	170.0	67.0	-13.8	20.8	74
15422.500000	56.6	202.0	V	141.0	76.0	-19.4	17.4	74
17043.750000	62.9	102.0	H	8.0	87.5	-24.6	11.1	74

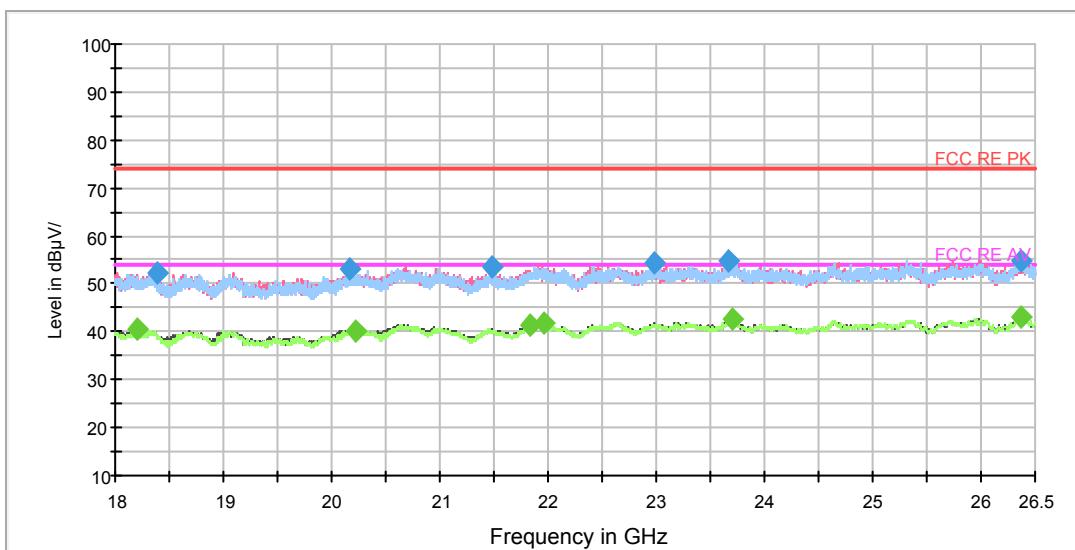
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9155.000000	35.7	102.0	V	0.0	46.0	-10.3	18.3	54
10312.500000	41.4	102.0	H	35.0	51.4	-10.0	12.6	54
11900.000000	36.8	202.0	V	141.0	49.1	-12.3	17.2	54
12640.000000	40.6	102.0	H	116.0	55.2	-14.6	13.4	54
15422.500000	43.9	102.0	V	0.0	63.3	-19.4	10.1	54
18000.000000	50.6	202.0	H	0.0	76.1	-25.5	3.4	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 (dB μ V/m)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
18384.625000	52.4	H	90.0	55.8	-3.4	21.6	74
20163.250000	53.1	H	130.0	58.9	-5.8	20.9	74
21474.375000	53.7	H	103.0	61.7	-8.0	20.3	74
22981.000000	54.4	H	90.0	60.6	-6.2	19.6	74
23674.812500	54.9	V	257.0	60.8	-5.9	19.1	74
26374.625000	54.9	H	90.0	60.3	-5.4	19.1	74

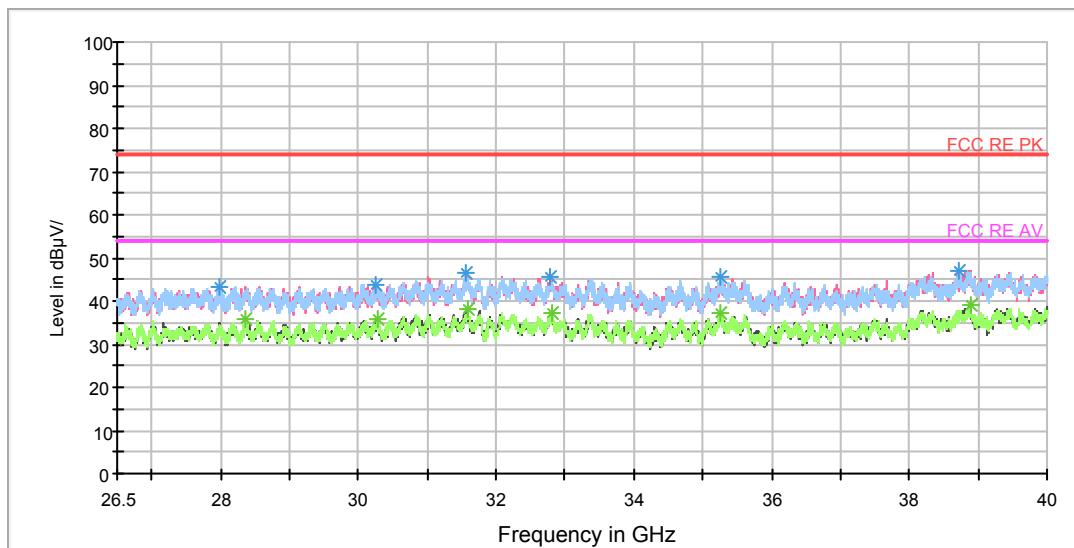
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dB μ V/m)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
18196.562500	40.4	V	270.0	43.0	-2.6	13.6	54
20215.312500	40.3	V	270.0	46.2	-5.9	13.7	54
21835.625000	41.4	H	200.0	49.4	-8.0	12.6	54
21964.187500	41.9	V	243.0	49.9	-8.0	12.1	54
23698.187500	42.5	V	270.0	48.4	-5.9	11.5	54
26368.250000	43.2	V	145.0	48.6	-5.4	10.8	54

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



RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27988.375000	43.2	101.0	V	253.0	44.9	-1.7	30.8	74
30258.062500	43.8	101.0	V	300.0	44.2	-0.4	30.2	74
31569.250000	46.7	101.0	V	176.0	47.2	-0.5	27.3	74
32785.937500	45.4	101.0	H	102.0	46.2	-0.8	28.6	74
35271.625000	45.5	101.0	H	83.0	46.1	-0.6	28.5	74
38729.312500	47.1	101.0	H	179.0	44.5	2.6	26.9	74

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

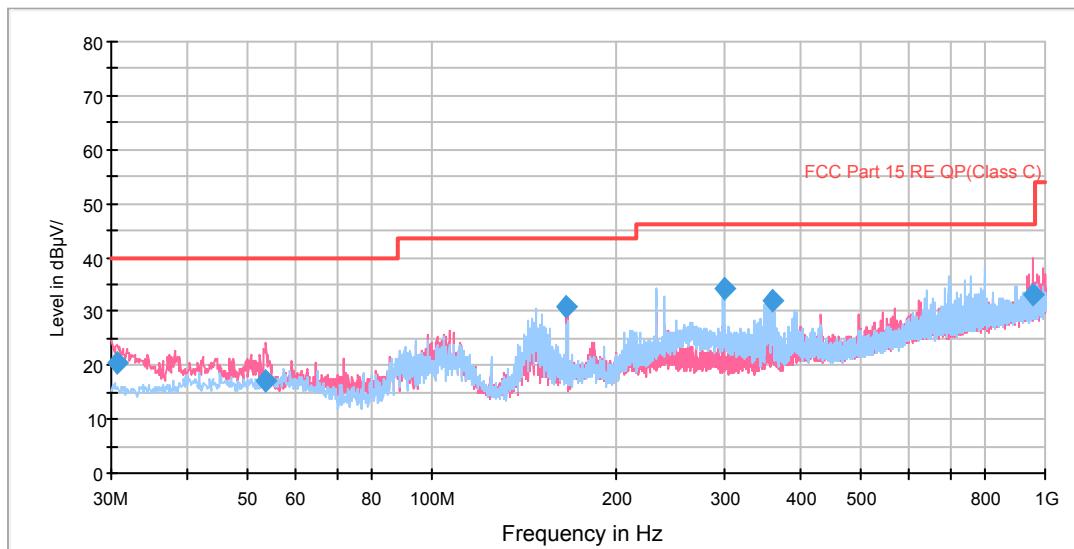
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28376.500000	35.9	101.0	V	300.0	37.4	-1.5	18.1	54
30283.375000	35.8	101.0	H	270.0	36.2	-0.4	18.2	54
31581.062500	37.9	101.0	V	300.0	38.4	-0.5	16.1	54
32814.625000	37.3	101.0	H	188.0	38.1	-0.8	16.7	54
35271.625000	37.4	101.0	H	83.0	38.0	-0.6	16.6	54
38882.875000	39.2	101.0	V	145.0	36.3	2.9	14.8	54

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



MIMO 802.11n (HT40) CH46

FCC RE 0.03-1GHz QP Class C



Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dB μ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
30.600000	20.4	100.0	V	0.0	32.3	-11.9	19.6	40.0
53.366250	17.3	111.0	V	87.0	30.1	-12.8	22.7	40.0
166.005000	30.9	100.0	V	248.0	40.9	-10.0	12.6	43.5
299.290000	34.2	100.0	H	265.0	49.6	-15.4	11.8	46.0
358.790000	32.1	100.0	H	341.0	48.9	-16.8	13.9	46.0
952.870000	33.2	100.0	V	193.0	59.2	-26.0	12.8	46.0

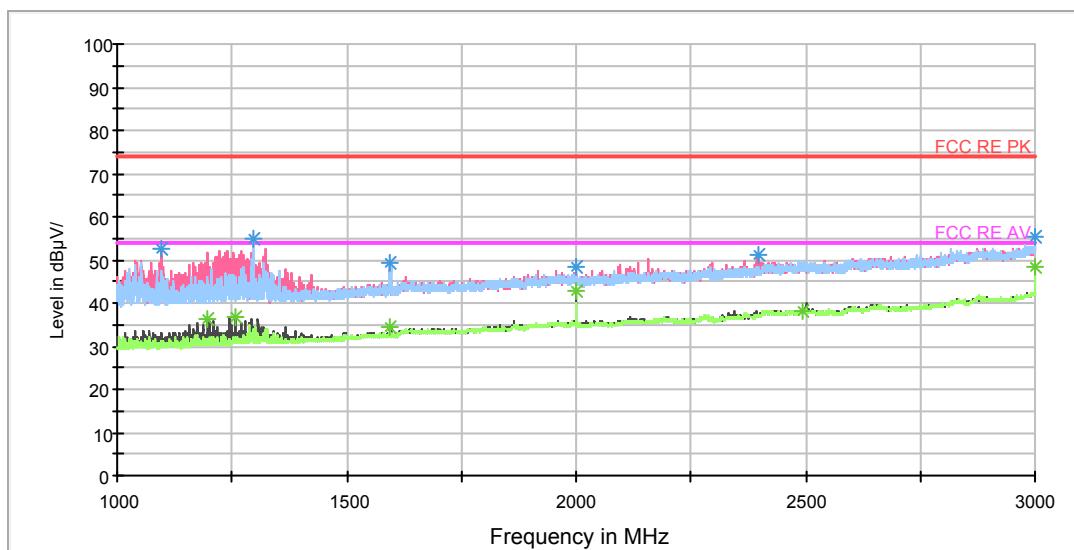
Remark: 1. Quasi-Peak = Reading value + Correction factor

2. Correction Factor = Antenna factor+ Insertion loss(cable loss+amplifier gain)

3. Margin = Limit – Quasi-Peak



RE 1G-3GHz PK+AV



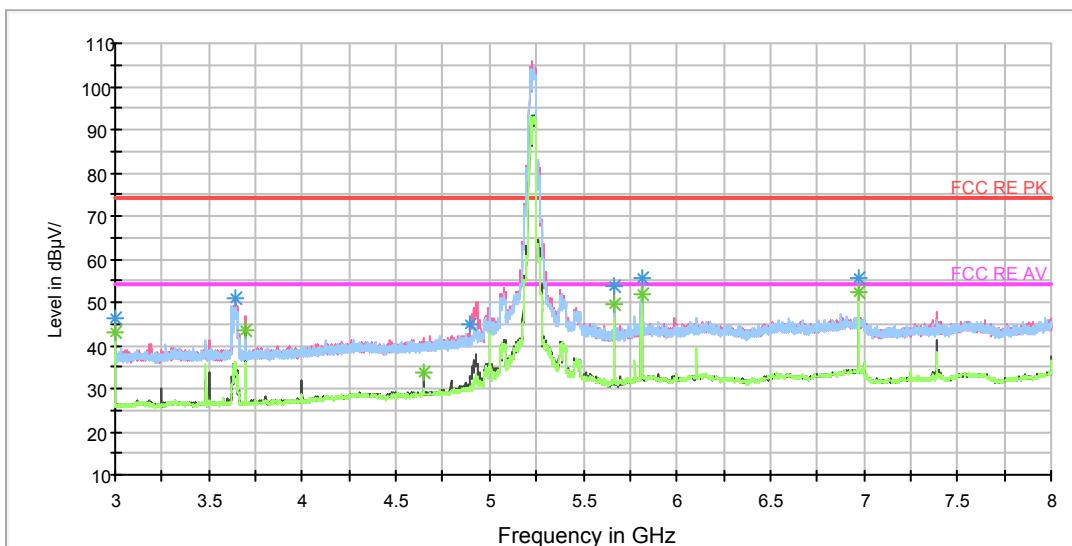
Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1096.000000	52.5	103.0	V	100.0	61.4	-8.9	21.5	74
1296.000000	54.9	103.0	H	50.0	62.7	-7.8	19.1	74
1595.250000	49.2	103.0	V	100.0	55.6	-6.4	24.8	74
1999.750000	48.5	103.0	V	137.0	51.9	-3.4	25.5	74
2395.500000	51.3	103.0	V	42.0	52.6	-1.3	22.7	74
3000.000000	55.3	202.0	V	214.0	57.6	-2.3	18.7	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)
1198.500000	36.1	103.0	V	80.0	44.3	-8.2	17.9	54
1257.750000	36.5	103.0	V	100.0	44.3	-7.8	17.5	54
1593.250000	34.6	103.0	V	199.0	41.0	-6.4	19.4	54
2000.250000	42.6	103.0	V	62.0	46.0	-3.4	11.4	54
2492.250000	38.3	103.0	V	298.0	38.6	-0.3	15.7	54
3000.000000	48.5	202.0	V	214.0	50.8	-2.3	5.5	54

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



Note: The signal beyond the limit is carrier.

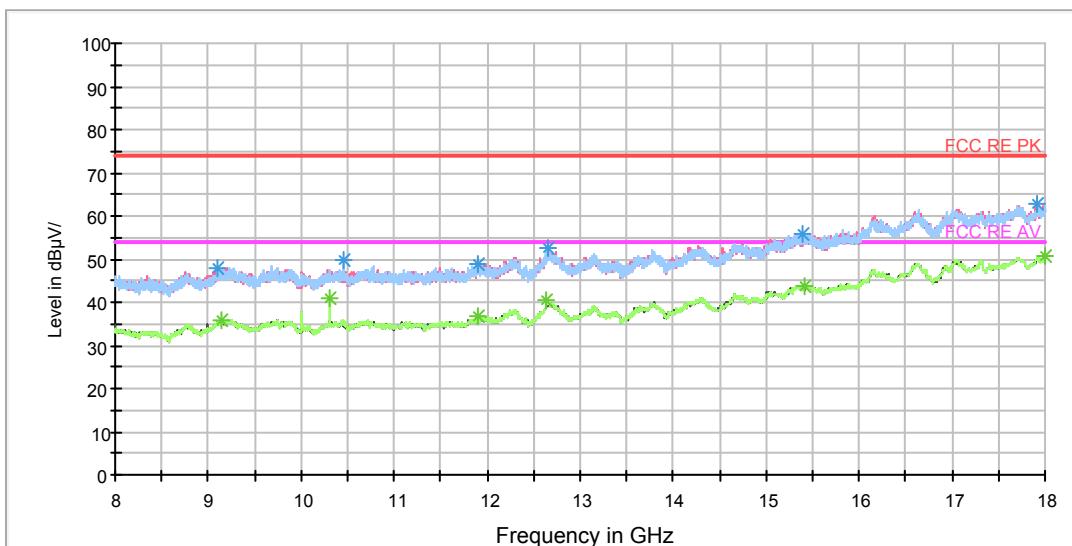
Radiates Emission from 3GHz to 8GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	46.2	202.0	V	27.0	49.4	-3.2	27.8	74
3645.000000	50.7	202.0	V	213.0	52.6	-1.9	23.3	74
4898.125000	45.0	101.0	V	0.0	46.9	-1.9	29.0	74
5811.250000	55.5	202.0	H	0.0	59.9	-4.4	18.5	74
6973.750000	55.6	202.0	H	317.0	61.9	-6.3	18.4	74
5665.625000	53.6	202.0	V	150.0	57.0	-3.4	20.4	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)
3000.000000	42.8	202.0	V	27.0	46.0	-3.2	11.2	54
3692.500000	43.3	202.0	V	0.0	45.0	-1.7	10.7	54
4648.750000	33.5	202.0	V	171.0	34.4	-0.9	20.5	54
5811.250000	51.7	101.0	V	294.0	56.1	-4.4	2.3	54
6973.750000	52.1	202.0	H	317.0	58.4	-6.3	1.9	54
5665.625000	49.6	101.0	V	148.0	53.0	-3.4	4.4	54

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



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9088.750000	47.7	102.0	V	189.0	57.1	-9.4	26.3	74
10461.250000	49.7	202.0	H	107.0	59.4	-9.7	24.3	74
11900.000000	48.6	102.0	H	92.0	60.9	-12.3	25.4	74
12665.000000	52.6	202.0	H	161.0	66.5	-13.9	21.4	74
15388.750000	55.6	102.0	V	162.0	74.1	-18.5	18.4	74
17920.000000	62.9	102.0	H	145.0	88.7	-25.8	11.1	74

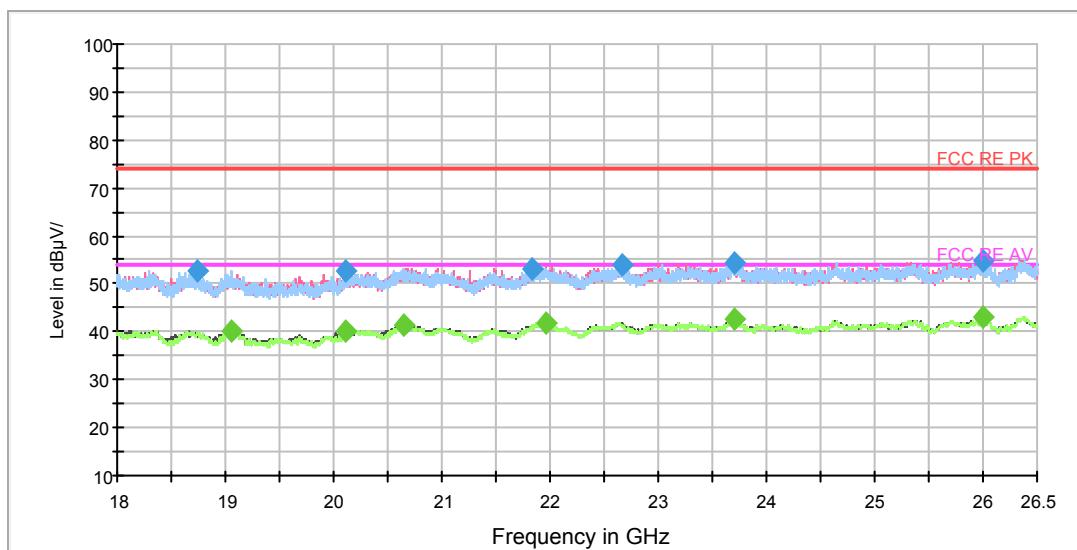
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9152.500000	35.6	202.0	H	134.0	45.8	-10.2	18.4	54
10312.500000	40.7	102.0	H	38.0	50.7	-10.0	13.3	54
11898.750000	36.8	202.0	H	267.0	49.1	-12.3	17.2	54
12638.750000	40.5	202.0	V	309.0	54.9	-14.4	13.5	54
15422.500000	43.9	202.0	V	225.0	63.3	-19.4	10.1	54
17997.500000	50.9	102.0	V	216.0	76.3	-25.4	3.1	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)
18748.000000	52.7	H	115.0	57.2	-4.5	21.3	74
20104.812500	52.5	V	215.0	58.3	-5.8	21.5	74
21828.187500	53.3	V	228.0	61.3	-8.0	20.7	74
22662.250000	54.0	V	161.0	60.6	-6.6	20.0	74
23701.375000	54.5	H	226.0	60.4	-5.9	19.5	74
26007.000000	54.9	V	215.0	60.3	-5.4	19.1	74

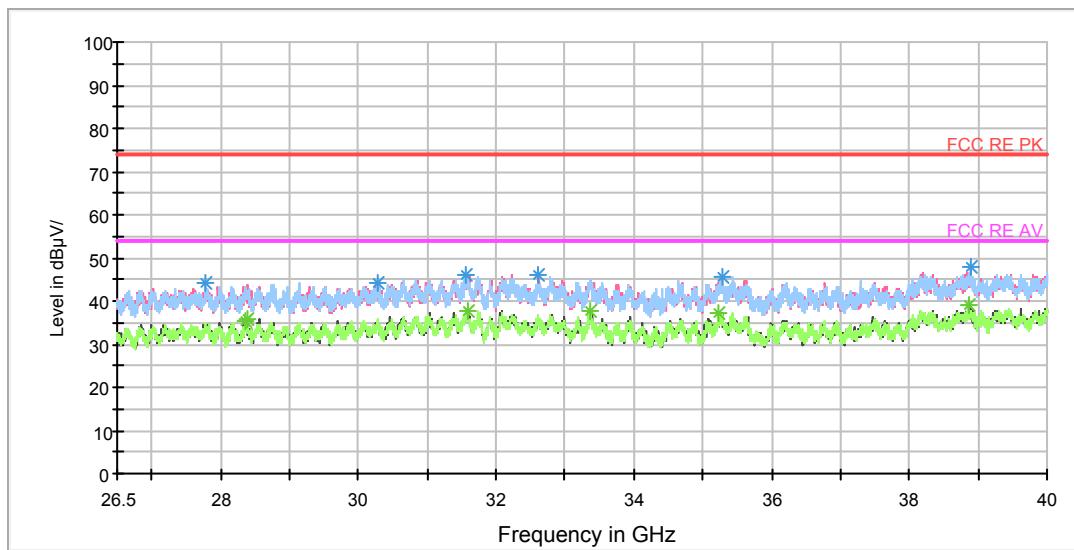
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
19054.000000	40.3	V	270.0	45.5	-5.2	13.7	54
20115.437500	40.3	V	270.0	46.1	-5.8	13.7	54
20655.187500	41.4	H	115.0	48.0	-6.6	12.6	54
21959.937500	42.0	V	147.0	50.0	-8.0	12.0	54
23698.187500	42.4	H	115.0	48.3	-5.9	11.6	54
25999.562500	43.0	H	184.0	48.4	-5.4	11.0	54

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



RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27790.937500	44.1	101.0	H	60.0	45.6	-1.5	29.9	74
30288.437500	44.3	101.0	H	135.0	44.7	-0.4	29.7	74
31565.875000	46.2	101.0	V	300.0	46.7	-0.5	27.8	74
32615.500000	46.3	101.0	V	132.0	47.0	-0.7	27.7	74
35273.312500	45.6	101.0	V	60.0	46.2	-0.6	28.4	74
38882.875000	48.0	101.0	V	229.0	45.1	2.9	26.0	74

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

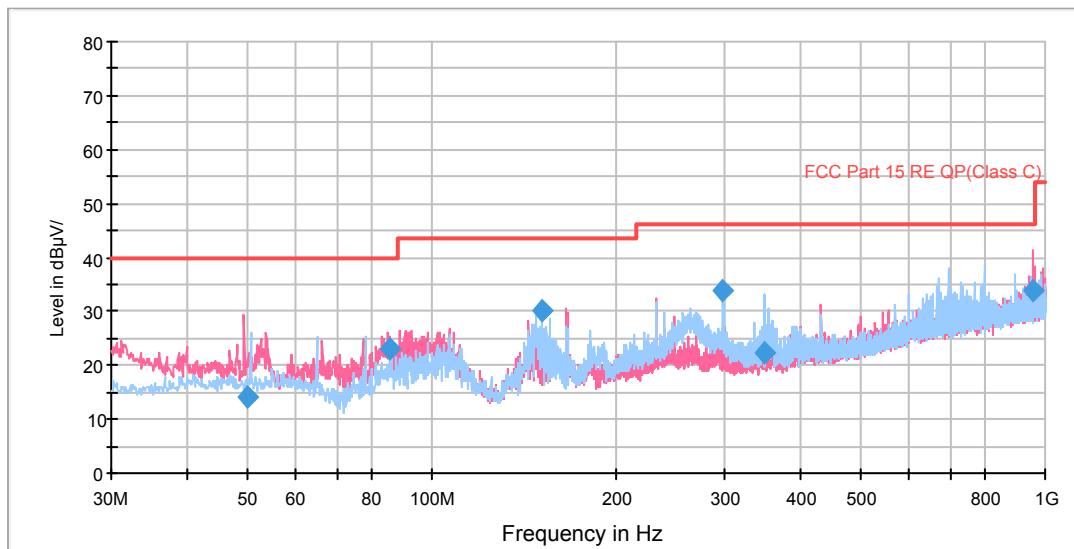
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28371.437500	35.3	101.0	H	60.0	36.8	-1.5	18.7	54
28383.250000	35.7	101.0	H	193.0	37.2	-1.5	18.3	54
31581.062500	37.8	101.0	V	300.0	38.3	-0.5	16.2	54
33364.750000	37.5	101.0	H	183.0	38.5	-1.0	16.5	54
35232.812500	37.2	101.0	V	209.0	37.8	-0.6	16.8	54
38860.937500	38.9	101.0	V	300.0	36.1	2.8	15.1	54

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



MIMO 802.11n (HT40) CH151

FCC RE 0.03-1GHz QP Class C



Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBµV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBµV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBµV/m)
49.920000	14.2	100.0	V	42.0	27.2	-13.0	25.8	40.0
85.325000	23.2	114.0	V	0.0	33.5	-10.3	16.8	40.0
151.573750	30.1	125.0	H	239.0	39.3	-9.2	13.4	43.5
298.770000	33.9	100.0	H	268.0	49.3	-15.4	12.1	46.0
349.337500	22.4	114.0	H	351.0	39.1	-16.7	23.6	46.0
953.601250	33.9	114.0	V	266.0	59.9	-26.0	12.1	46.0

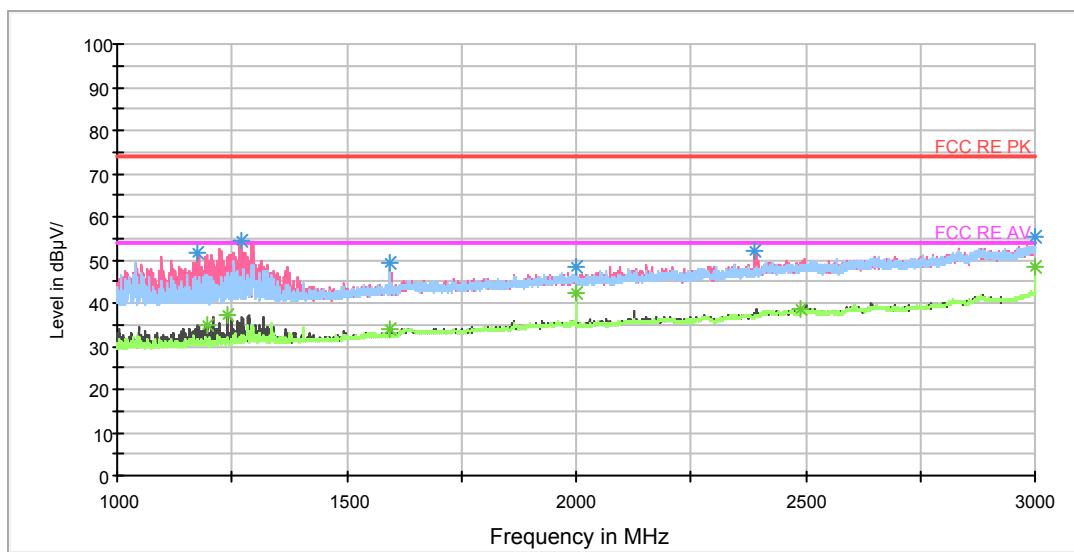
Remark: 1. Quasi-Peak = Reading value + Correction factor

2. Correction Factor = Antenna factor+ Insertion loss(cable loss+amplifier gain)

3. Margin = Limit – Quasi-Peak



RE 1G-3GHz PK+AV



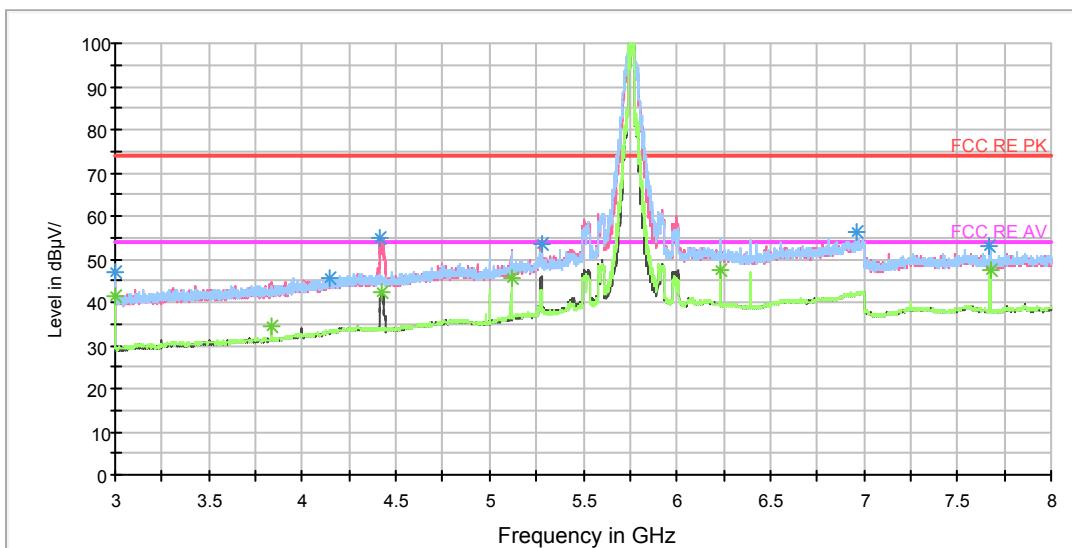
Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1176.250000	51.5	103.0	V	91.0	59.5	-8.0	22.5	74
1270.750000	54.3	103.0	V	100.0	62.0	-7.7	19.7	74
1595.250000	49.4	101.0	H	45.0	55.8	-6.4	24.6	74
1999.750000	48.3	103.0	V	63.0	51.7	-3.4	25.7	74
2389.750000	51.9	103.0	V	343.0	53.3	-1.4	22.1	74
3000.000000	55.5	101.0	H	0.0	57.8	-2.3	18.5	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1196.500000	35.1	103.0	V	91.0	43.3	-8.2	18.9	54
1241.750000	37.0	103.0	V	91.0	45.0	-8.0	17.0	54
1594.500000	34.1	103.0	V	190.0	40.5	-6.4	19.9	54
2000.250000	42.3	103.0	V	63.0	45.7	-3.4	11.7	54
2488.250000	38.7	202.0	H	64.0	38.9	-0.2	15.3	54
3000.000000	48.4	202.0	V	218.0	50.7	-2.3	5.6	54

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



Note: The signal beyond the limit is carrier.

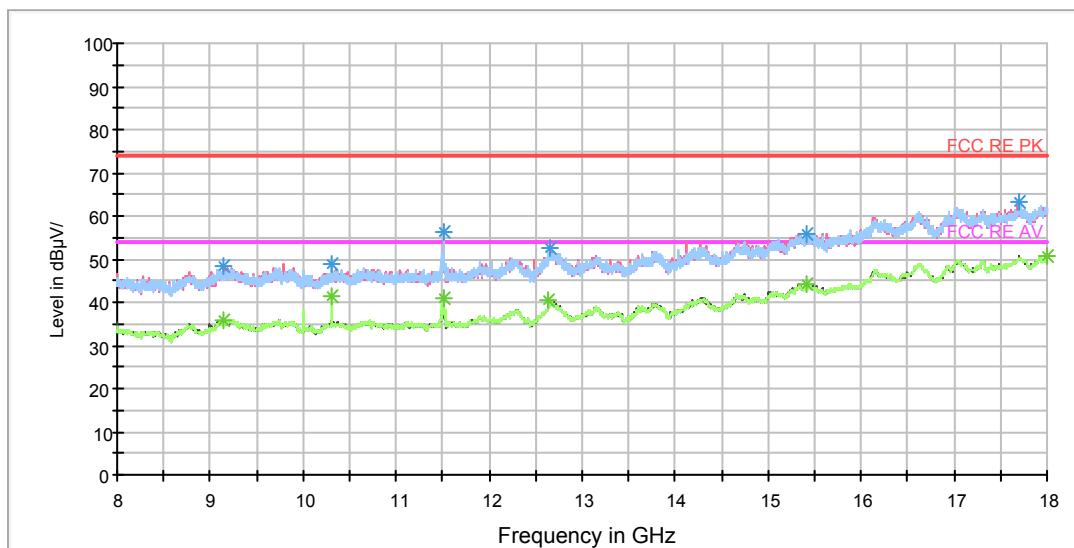
Radiates Emission from 3GHz to 8GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	47.2	102.0	V	0.0	50.4	-3.2	26.8	74
4144.375000	45.7	202.0	H	354.0	45.9	-0.2	28.3	74
4415.000000	54.9	102.0	V	74.0	55.1	-0.2	19.1	74
5275.625000	53.4	202.0	V	7.0	55.6	-2.2	20.6	74
6961.250000	56.3	102.0	H	0.0	62.5	-6.2	17.7	74
7673.125000	53.2	102.0	H	259.0	59.9	-6.7	20.8	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)
3000.000000	41.6	202.0	V	185.0	44.8	-3.2	12.4	54
3836.250000	34.5	102.0	H	107.0	36.2	-1.7	19.5	54
4426.250000	42.3	102.0	V	0.0	42.5	-0.2	11.7	54
5115.625000	45.7	202.0	V	260.0	47.5	-1.8	8.3	54
6235.000000	47.6	102.0	H	0.0	52.9	-5.3	6.4	54
7673.750000	47.6	102.0	H	259.0	54.3	-6.7	6.4	54

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



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9150.000000	48.5	102.0	V	217.0	58.6	-10.1	25.5	74
10312.500000	49.0	102.0	H	33.0	59.0	-10.0	25.0	74
11510.000000	56.1	102.0	H	33.0	66.7	-10.6	17.9	74
12656.250000	52.6	102.0	V	0.0	66.5	-13.9	21.4	74
15407.500000	56.0	102.0	H	60.0	75.0	-19.0	18.0	74
17701.250000	63.4	202.0	V	0.0	88.1	-24.7	10.6	74

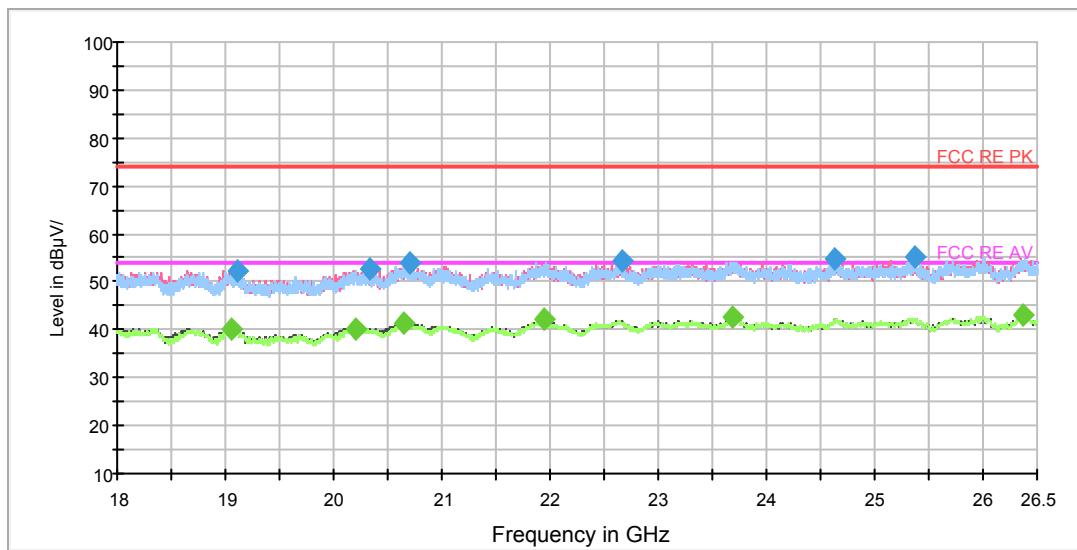
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9150.000000	35.6	202.0	V	0.0	45.7	-10.1	18.4	54
10312.500000	41.3	102.0	H	33.0	51.3	-10.0	12.7	54
11510.000000	40.8	102.0	H	33.0	51.4	-10.6	13.2	54
12640.000000	40.3	102.0	H	113.0	54.9	-14.6	13.7	54
15422.500000	44.0	102.0	H	0.0	63.4	-19.4	10.0	54
17998.750000	50.6	102.0	V	245.0	76.0	-25.4	3.4	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)
19110.312500	52.4	V	270.0	57.7	-5.3	21.6	74
20324.750000	52.5	V	227.0	58.5	-6.0	21.5	74
20703.000000	53.8	H	90.0	60.5	-6.7	20.2	74
22661.187500	54.4	H	243.0	61.0	-6.6	19.6	74
24630.000000	54.7	H	200.0	60.7	-6.0	19.3	74
25375.875000	55.3	H	104.0	61.1	-5.8	18.7	74

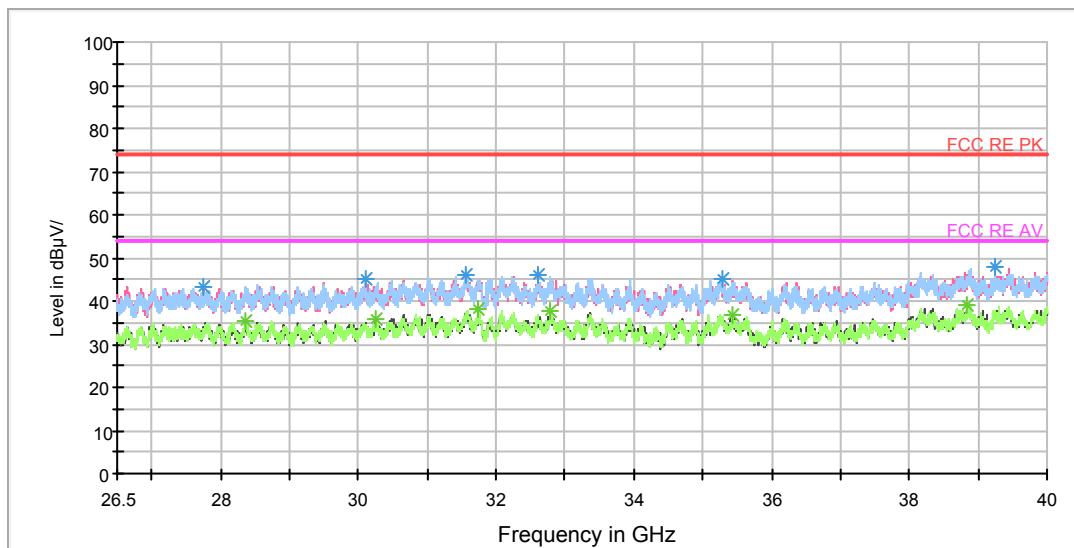
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
19057.187500	40.2	V	270.0	45.4	-5.2	13.8	54
20200.437500	40.3	V	145.0	46.2	-5.9	13.7	54
20641.375000	41.4	V	227.0	47.9	-6.5	12.6	54
21953.562500	42.2	V	159.0	50.2	-8.0	11.8	54
23686.500000	42.5	V	240.0	48.4	-5.9	11.5	54
26374.625000	43.1	H	200.0	48.5	-5.4	10.9	54

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



RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27760.562500	43.4	101.0	V	78.0	44.9	-1.5	30.6	74
30111.250000	45.0	101.0	H	239.0	45.4	-0.4	29.0	74
31567.562500	45.9	101.0	H	81.0	46.4	-0.5	28.1	74
32620.562500	46.0	101.0	V	300.0	46.7	-0.7	28.0	74
35276.687500	44.9	101.0	V	300.0	45.5	-0.6	29.1	74
39240.625000	47.8	101.0	V	123.0	44.9	2.9	26.2	74

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

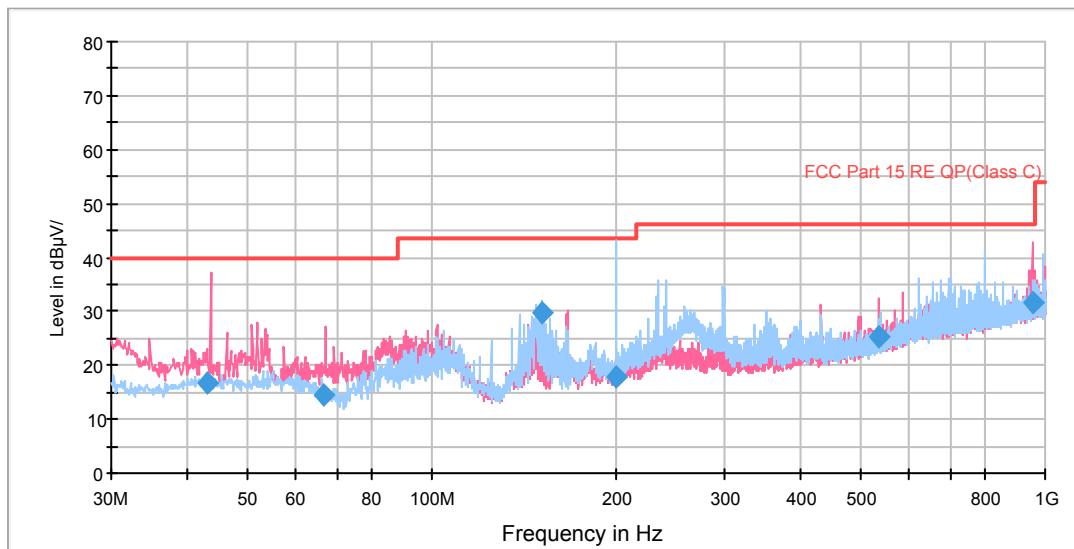
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28368.062500	35.5	101.0	V	266.0	37.0	-1.5	18.5	54
30242.875000	35.9	101.0	V	284.0	36.3	-0.4	18.1	54
31751.500000	37.9	101.0	H	190.0	38.4	-0.5	16.1	54
32797.750000	37.8	101.0	H	109.0	38.6	-0.8	16.2	54
35443.750000	36.8	101.0	H	147.0	37.3	-0.5	17.2	54
38849.125000	39.1	101.0	H	160.0	36.3	2.8	14.9	54

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



MIMO 802.11n (HT40) CH159

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)
43.100000	16.7	100.0	V	276.0	29.8	-13.1	23.3	40.0
66.582500	14.5	100.0	V	334.0	24.4	-9.9	25.5	40.0
151.572500	29.7	125.0	H	252.0	38.9	-9.2	13.8	43.5
199.546250	17.9	125.0	H	55.0	29.9	-12.0	25.6	43.5
535.855000	25.1	100.0	V	335.0	45.8	-20.7	20.9	46.0
952.908750	31.6	100.0	V	198.0	57.6	-26.0	14.4	46.0

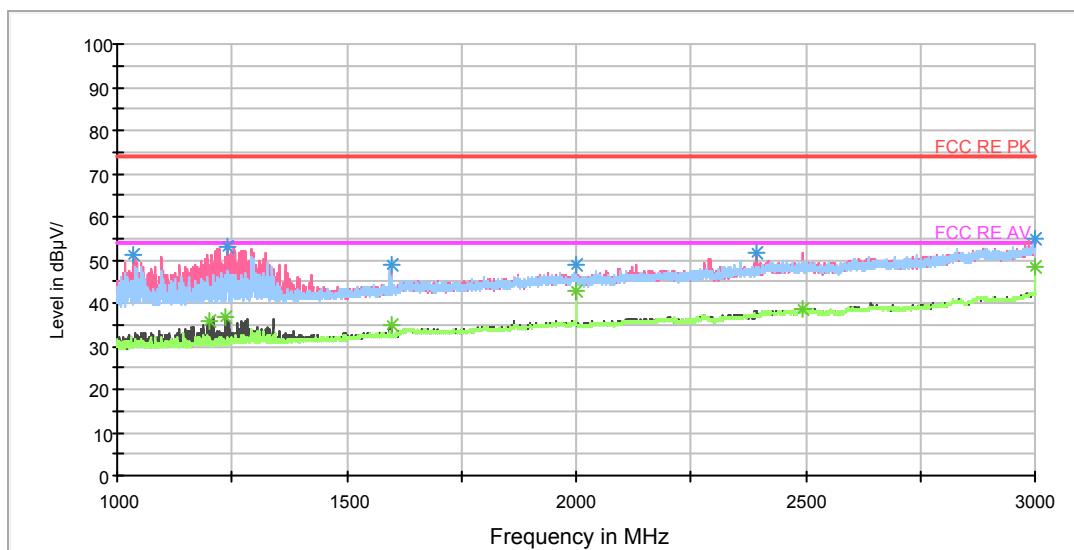
Remark: 1. Quasi-Peak = Reading value + Correction factor

2. Correction Factor = Antenna factor+ Insertion loss(cable loss+amplifier gain)

3. Margin = Limit – Quasi-Peak



RE 1G-3GHz PK+AV



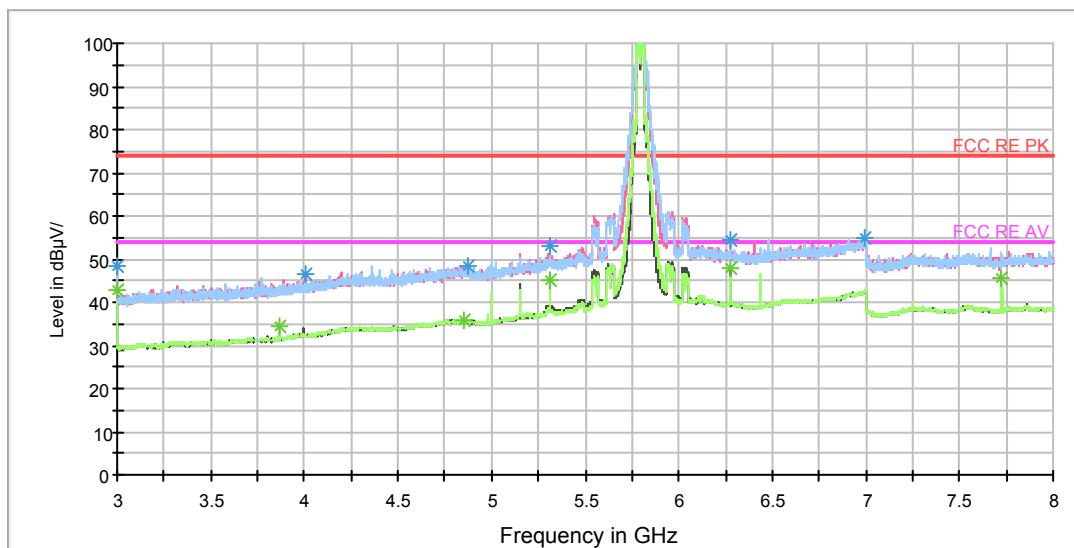
Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1036.750000	51.3	101.0	V	107.0	60.4	-9.1	22.7	74
1240.500000	52.9	101.0	V	97.0	60.9	-8.0	21.1	74
1596.250000	49.0	101.0	V	188.0	55.4	-6.4	25.0	74
2000.250000	48.9	202.0	V	146.0	52.3	-3.4	25.1	74
2394.750000	51.7	101.0	V	0.0	53.0	-1.3	22.3	74
2999.750000	54.7	202.0	H	188.0	57.0	-2.3	19.3	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)
1199.000000	35.8	101.0	V	97.0	44.0	-8.2	18.2	54
1237.000000	36.8	101.0	V	89.0	44.7	-7.9	17.2	54
1596.250000	34.8	101.0	V	188.0	41.2	-6.4	19.2	54
2000.000000	42.6	202.0	V	146.0	46.0	-3.4	11.4	54
2492.250000	38.5	101.0	V	0.0	38.8	-0.3	15.5	54
3000.000000	48.5	101.0	V	355.0	50.8	-2.3	5.5	54

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



Note: The signal beyond the limit is carrier.

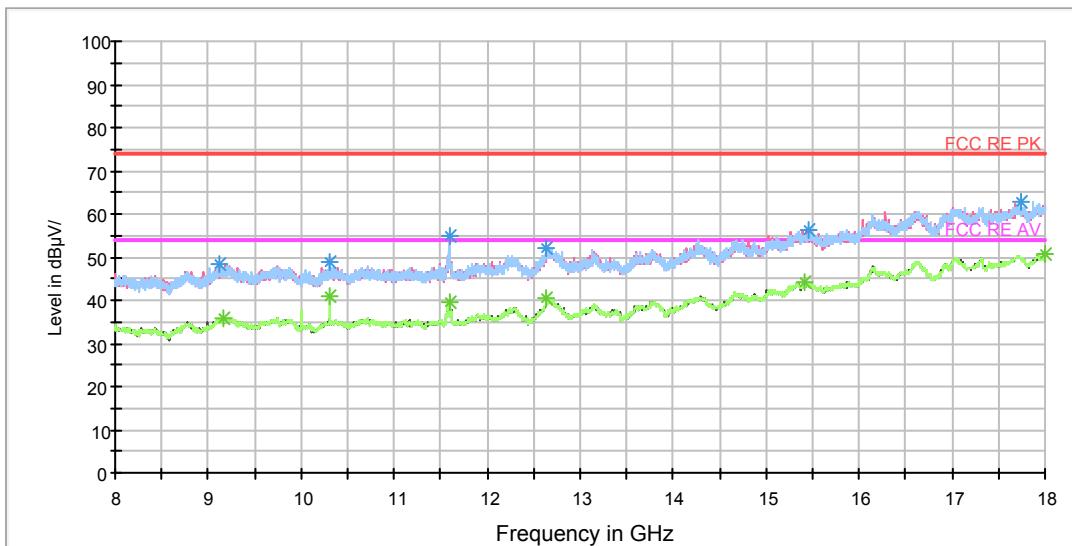
Radiates Emission from 3GHz to 8GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	48.4	202.0	V	184.0	51.6	-3.2	25.6	74
4006.875000	46.6	102.0	V	0.0	47.7	-1.1	27.4	74
4875.625000	48.4	102.0	H	0.0	50.2	-1.8	25.6	74
5311.875000	52.8	102.0	V	183.0	55.2	-2.4	21.2	74
6277.500000	54.6	102.0	H	210.0	59.9	-5.3	19.4	74
6991.250000	54.7	102.0	V	0.0	61.2	-6.5	19.3	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)
3000.000000	42.8	202.0	V	184.0	46.0	-3.2	11.2	54
3863.125000	34.3	102.0	V	208.0	35.8	-1.5	19.7	54
4848.750000	36.0	102.0	V	0.0	37.6	-1.6	18.0	54
5311.875000	45.3	102.0	V	183.0	47.7	-2.4	8.7	54
6278.125000	47.9	102.0	V	334.0	53.2	-5.3	6.1	54
7726.875000	45.8	102.0	H	260.0	52.6	-6.8	8.2	54

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



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9126.250000	48.3	202.0	V	337.0	58.3	-10.0	25.7	74
10312.500000	49.0	102.0	H	33.0	59.0	-10.0	25.0	74
11590.000000	54.9	102.0	V	216.0	66.0	-11.1	19.1	74
12637.500000	52.2	202.0	V	88.0	66.5	-14.3	21.8	74
15461.250000	56.2	202.0	V	7.0	75.8	-19.6	17.8	74
17750.000000	63.0	102.0	H	251.0	87.2	-24.2	11.0	74

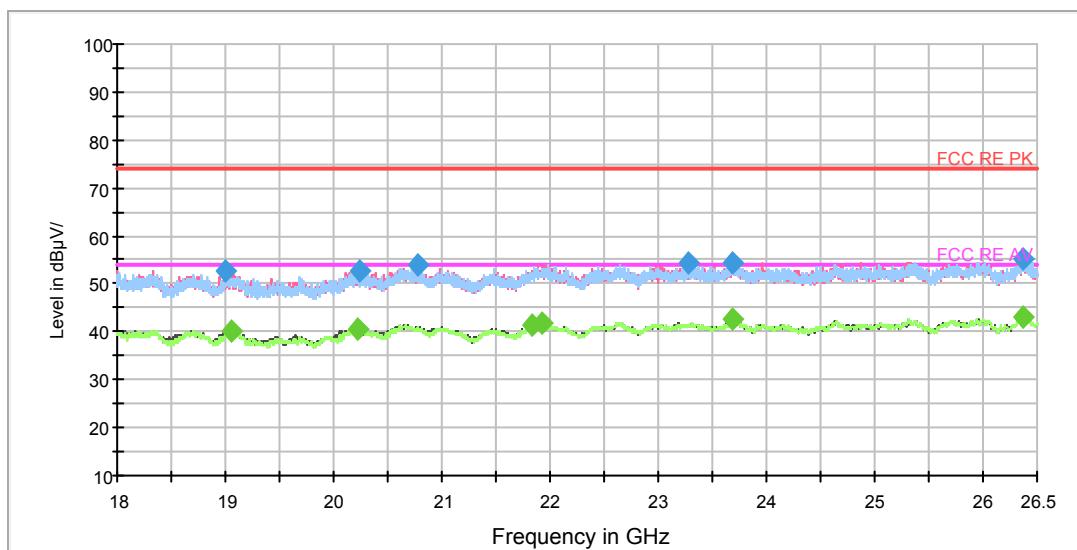
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9156.250000	35.7	202.0	V	250.0	46.0	-10.3	18.3	54
10312.500000	41.1	102.0	H	33.0	51.1	-10.0	12.9	54
11588.750000	39.7	102.0	H	33.0	50.8	-11.1	14.3	54
12640.000000	40.4	102.0	H	0.0	55.0	-14.6	13.6	54
15422.500000	44.0	202.0	H	0.0	63.4	-19.4	10.0	54
17998.750000	50.5	102.0	H	0.0	75.9	-25.4	3.5	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)
19004.062500	52.8	V	228.0	57.9	-5.1	21.2	74
20234.437500	52.5	H	90.0	58.4	-5.9	21.5	74
20771.000000	54.0	V	256.0	60.9	-6.9	20.0	74
23281.687500	54.2	V	269.0	60.2	-6.0	19.8	74
23685.437500	54.3	V	201.0	60.2	-5.9	19.7	74
26368.250000	55.2	V	131.0	60.6	-5.4	18.8	74

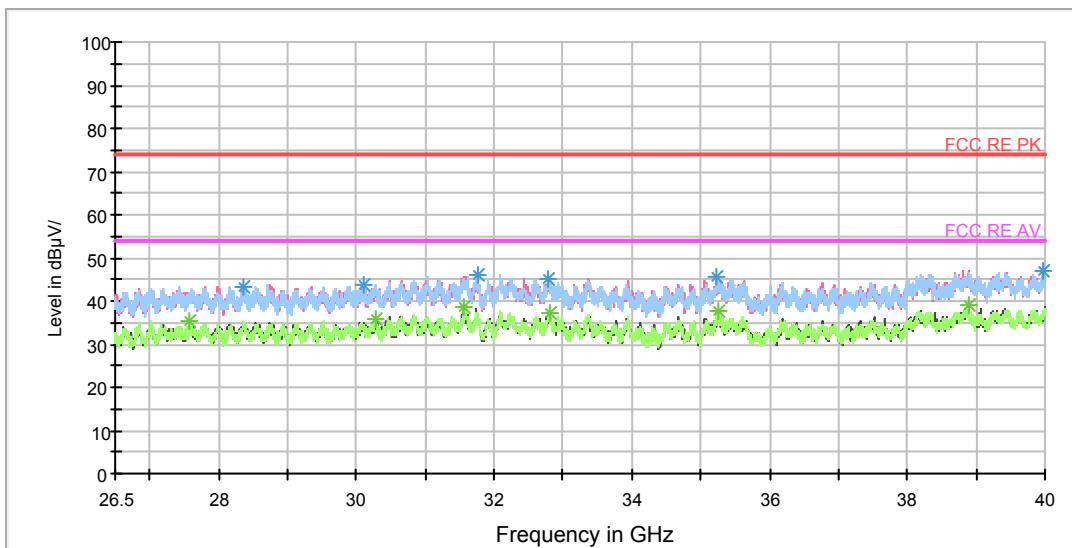
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
19052.937500	40.3	V	270.0	45.5	-5.2	13.7	54
20216.375000	40.4	V	256.0	46.3	-5.9	13.6	54
21839.875000	41.4	V	242.0	49.4	-8.0	12.6	54
21920.625000	41.9	V	102.0	49.9	-8.0	12.1	54
23684.375000	42.4	V	270.0	48.3	-5.9	11.6	54
26376.750000	43.0	H	90.0	48.4	-5.4	11.0	54

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



RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28354.562500	43.4	101.0	V	250.0	44.9	-1.5	30.6	74
30107.875000	43.9	101.0	H	67.0	44.3	-0.4	30.1	74
31756.562500	45.9	101.0	V	287.0	46.4	-0.5	28.1	74
32796.062500	45.3	101.0	V	144.0	46.1	-0.8	28.7	74
35234.500000	45.7	101.0	H	86.0	46.3	-0.6	28.3	74
39957.812500	47.1	101.0	V	259.0	44.8	2.3	26.9	74

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

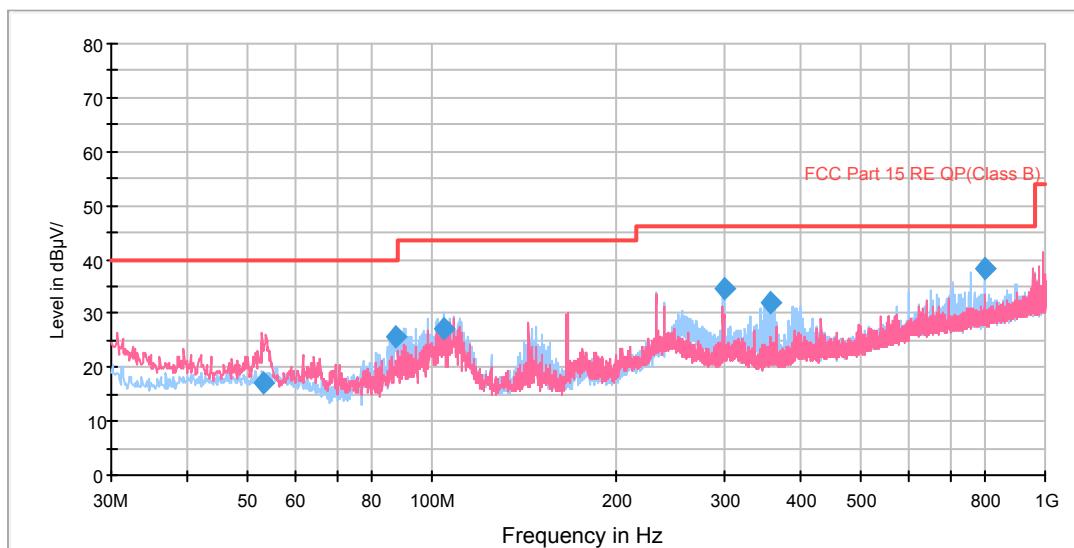
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27578.312500	35.3	101.0	H	300.0	36.7	-1.4	18.7	54
30281.687500	36.0	101.0	V	300.0	36.4	-0.4	18.0	54
31574.312500	38.6	101.0	V	112.0	39.1	-0.5	15.4	54
32799.437500	37.1	101.0	H	161.0	37.9	-0.8	16.9	54
35251.375000	37.5	101.0	H	152.0	38.1	-0.6	16.5	54
38887.937500	39.3	101.0	H	67.0	36.4	2.9	14.7	54

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



MIMO 802.11ac (HT20) CH36

FCC RE 0.03-1GHz QP Class B



Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
53.276250	17.3	125.0	V	286.0	30.1	-12.8	22.7	40.0
87.633750	25.8	202.0	H	333.0	36.9	-11.1	14.2	40.0
104.770000	27.3	400.0	H	353.0	40.1	-12.8	16.2	43.5
299.296250	34.7	100.0	H	254.0	50.1	-15.4	11.3	46.0
356.728750	31.8	100.0	H	354.0	48.6	-16.8	14.2	46.0
796.623750	38.5	100.0	H	242.0	62.8	-24.3	7.5	46.0

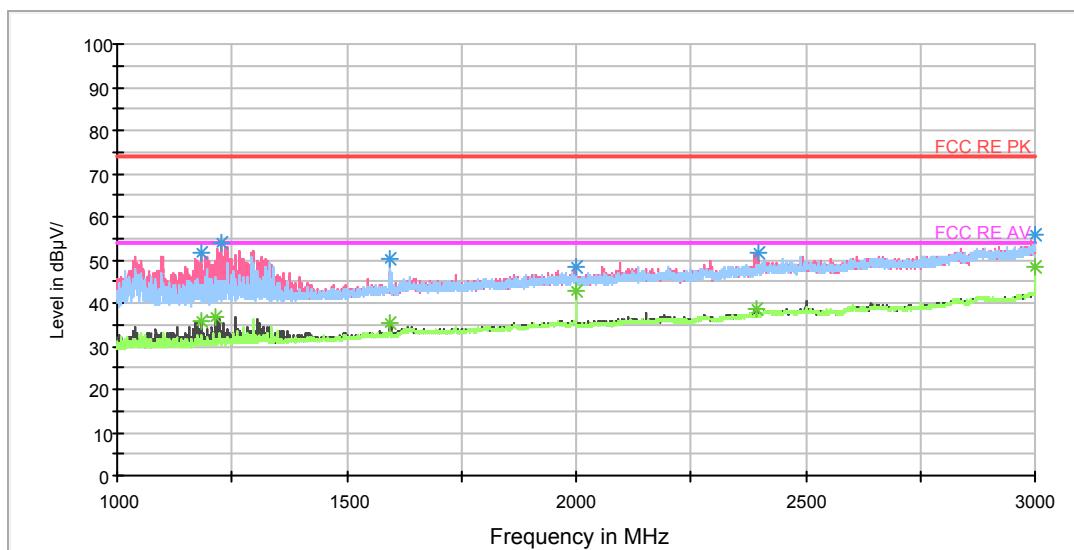
Remark: 1. Quasi-Peak = Reading value + Correction factor

2. Correction Factor = Antenna factor+ Insertion loss(cable loss+amplifier gain)

3. Margin = Limit – Quasi-Peak



RE 1G-3GHz PK+AV



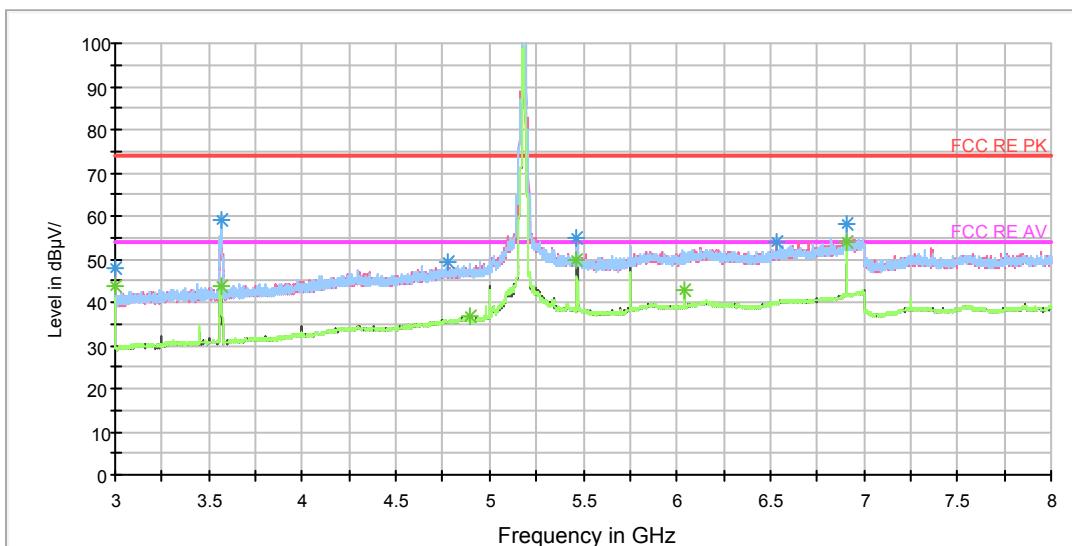
Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1182.500000	51.6	102.0	V	98.0	59.6	-8.0	22.4	74
1225.750000	53.8	102.0	V	98.0	61.6	-7.8	20.2	74
1595.750000	50.0	102.0	H	61.0	56.4	-6.4	24.0	74
1999.750000	48.5	202.0	V	37.0	51.9	-3.4	25.5	74
2395.500000	51.6	102.0	V	0.0	52.9	-1.3	22.4	74
3000.000000	55.9	202.0	H	189.0	58.2	-2.3	18.1	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1184.750000	35.6	102.0	V	107.0	43.7	-8.1	18.4	54
1216.000000	36.7	102.0	V	107.0	44.6	-7.9	17.3	54
1594.250000	35.4	102.0	V	190.0	41.8	-6.4	18.6	54
2000.000000	42.7	102.0	V	63.0	46.1	-3.4	11.3	54
2393.250000	38.6	102.0	V	32.0	39.9	-1.3	15.4	54
3000.000000	48.5	202.0	V	197.0	50.8	-2.3	5.5	54

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



Note: The signal beyond the limit is carrier.

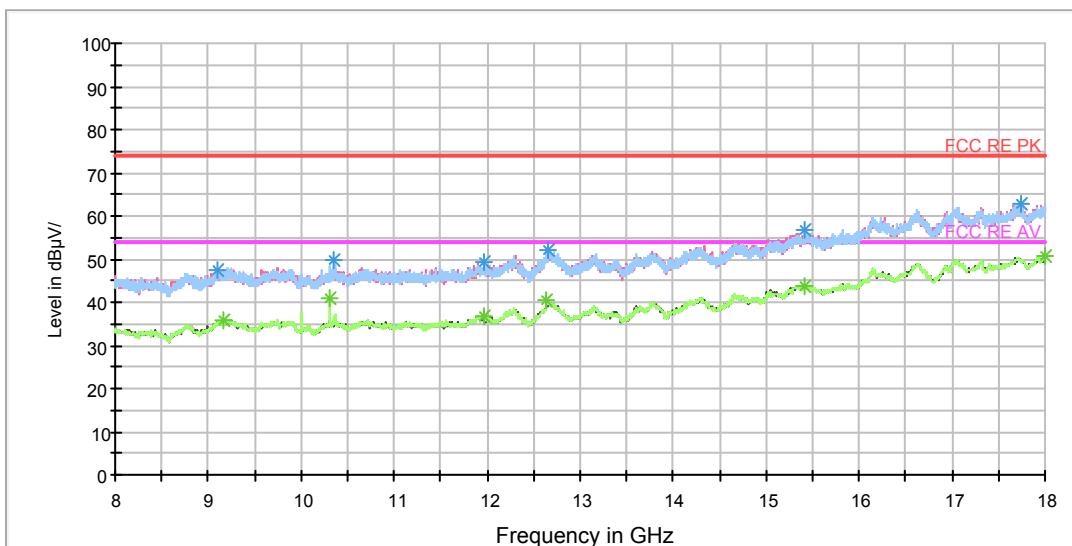
Radiates Emission from 3GHz to 8GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	48.1	202.0	V	203.0	51.3	-3.2	25.9	74
3567.500000	59.3	202.0	H	22.0	61.5	-2.2	14.7	74
4779.375000	49.3	202.0	V	178.0	50.3	-1.0	24.7	74
5467.500000	55.0	202.0	V	230.0	57.9	-2.9	19.0	74
6534.375000	54.1	102.0	V	311.0	59.5	-5.4	19.9	74
6906.875000	58.2	202.0	H	124.0	64.5	-6.3	15.8	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)
3000.000000	43.7	202.0	V	203.0	46.9	-3.2	10.3	54
3565.625000	43.6	102.0	H	0.0	45.7	-2.1	10.4	54
4891.875000	36.8	102.0	V	211.0	38.7	-1.9	17.2	54
5467.500000	50.0	202.0	V	230.0	52.9	-2.9	4.0	54
6043.125000	42.9	102.0	H	208.0	47.8	-4.9	11.1	54
6906.875000	53.8	102.0	H	259.0	60.1	-6.3	0.2	54

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



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9095.000000	47.6	202.0	V	89.0	57.0	-9.4	26.4	74
10358.750000	49.7	102.0	H	143.0	59.5	-9.8	24.3	74
11960.000000	49.1	102.0	H	280.0	61.0	-11.9	24.9	74
12646.250000	52.2	202.0	V	198.0	66.5	-14.3	21.8	74
15415.000000	56.6	102.0	H	63.0	75.9	-19.3	17.4	74
17746.250000	62.7	202.0	V	280.0	86.8	-24.1	11.3	74

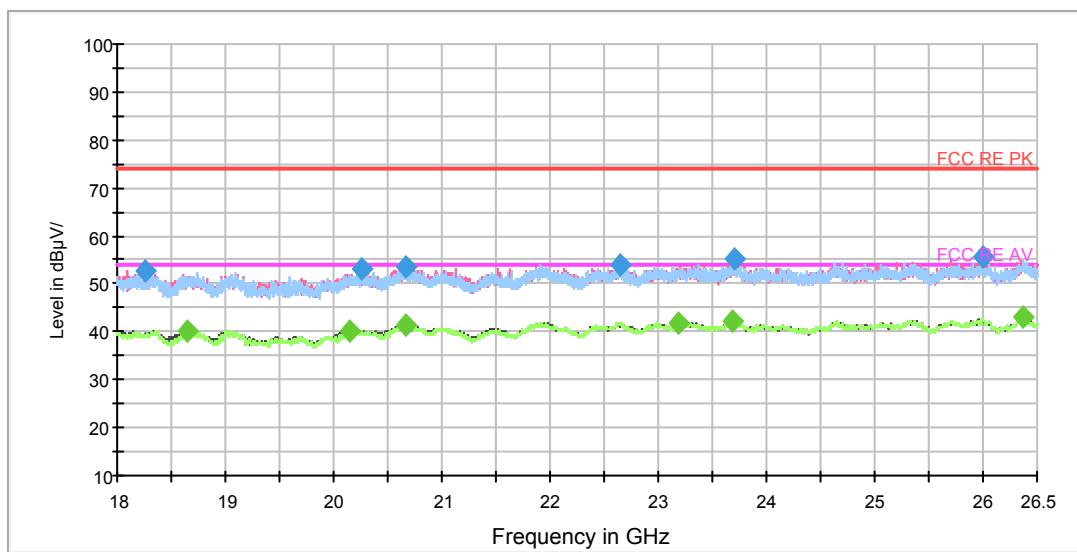
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9156.250000	35.6	202.0	V	89.0	45.9	-10.3	18.4	54
10312.500000	41.0	102.0	H	36.0	51.0	-10.0	13.0	54
11958.750000	36.7	102.0	H	143.0	48.6	-11.9	17.3	54
12641.250000	40.4	102.0	V	0.0	54.9	-14.5	13.6	54
15422.500000	43.9	202.0	V	308.0	63.3	-19.4	10.1	54
18000.000000	50.6	202.0	H	298.0	76.1	-25.5	3.4	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)
18256.062500	52.6	V	270.0	55.5	-2.9	21.4	74
20267.375000	52.9	V	227.0	58.8	-5.9	21.1	74
20672.187500	53.4	H	90.0	60.0	-6.6	20.6	74
22650.562500	53.9	V	227.0	60.5	-6.6	20.1	74
23695.000000	55.0	V	270.0	60.9	-5.9	19.0	74
26002.750000	55.5	H	145.0	60.9	-5.4	18.5	74

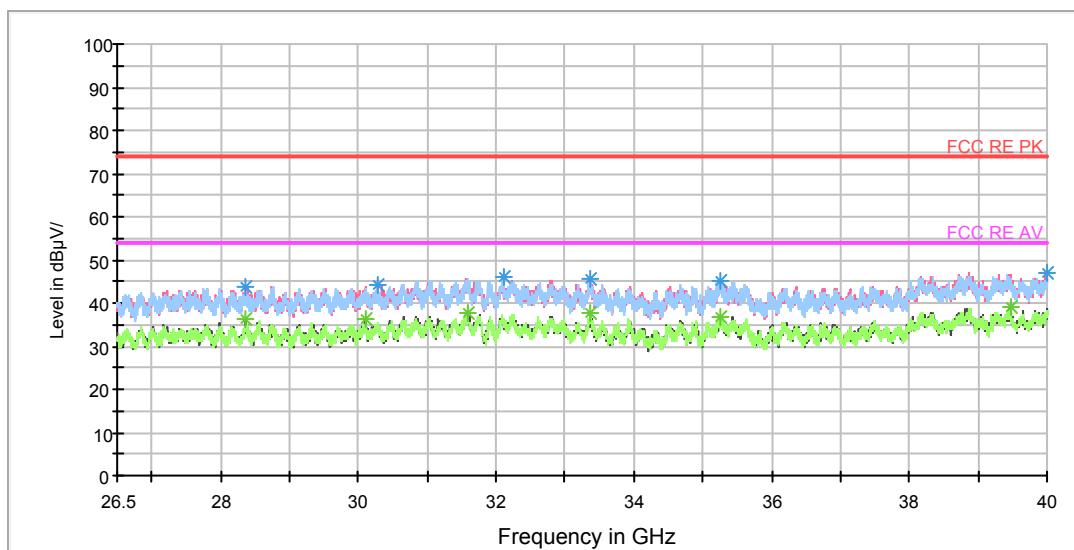
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18640.687500	40.3	V	90.0	44.5	-4.2	13.7	54
20154.750000	40.3	V	146.0	46.1	-5.8	13.7	54
20669.000000	41.4	V	255.0	48.0	-6.6	12.6	54
23181.812500	42.0	V	131.0	48.0	-6.0	12.0	54
23693.937500	42.4	H	243.0	48.3	-5.9	11.6	54
26371.437500	43.0	V	255.0	48.4	-5.4	11.0	54

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



RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28352.875000	43.7	101.0	V	300.0	45.2	-1.5	30.3	74
30286.750000	44.2	101.0	H	124.0	44.6	-0.4	29.8	74
32117.687500	46.0	101.0	V	211.0	46.5	-0.5	28.0	74
33354.625000	45.7	101.0	V	76.0	46.7	-1.0	28.3	74
35264.875000	45.2	101.0	H	247.0	45.8	-0.6	28.8	74
39991.562500	47.0	101.0	V	268.0	44.7	2.3	27.0	74

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

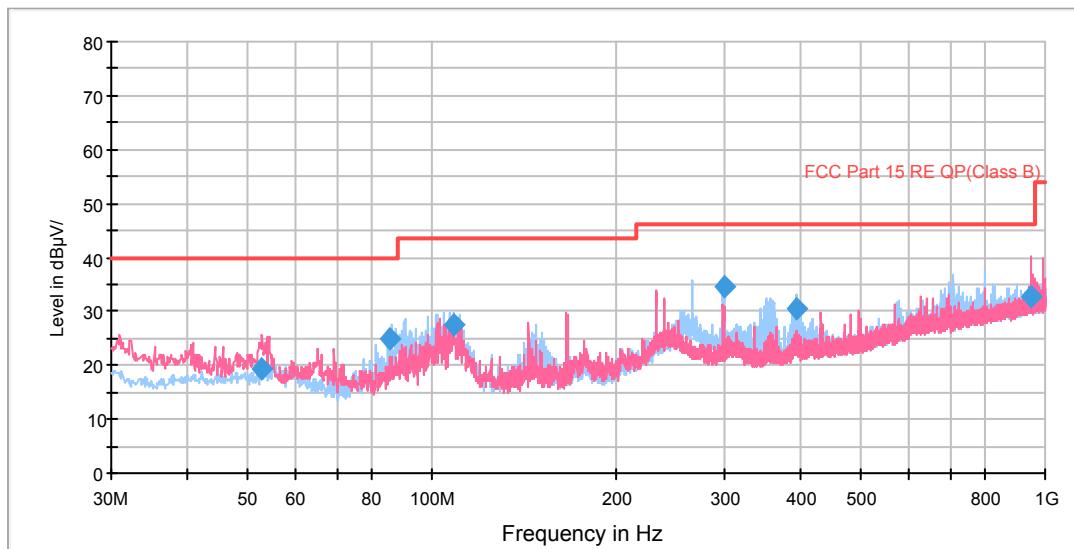
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28368.062500	36.2	101.0	V	300.0	37.7	-1.5	17.8	54
30094.375000	36.1	101.0	V	300.0	36.5	-0.4	17.9	54
31579.375000	37.6	101.0	H	115.0	38.1	-0.5	16.4	54
33359.687500	37.4	101.0	H	115.0	38.4	-1.0	16.6	54
35246.312500	36.7	101.0	H	192.0	37.3	-0.6	17.3	54
39465.062500	39.2	101.0	H	124.0	36.5	2.7	14.8	54

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



MIMO 802.11ac (HT20) CH40

FCC RE 0.03-1GHz QP Class B



Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
52.596250	19.3	100.0	V	88.0	32.2	-12.9	20.7	40.0
85.537500	25.1	216.0	H	325.0	35.5	-10.4	14.9	40.0
108.812500	27.5	225.0	H	343.0	39.9	-12.4	16.0	43.5
299.292500	34.7	100.0	H	251.0	50.1	-15.4	11.3	46.0
393.266250	30.5	100.0	H	351.0	48.3	-17.8	15.5	46.0
952.263750	32.9	114.0	V	265.0	58.9	-26.0	13.1	46.0

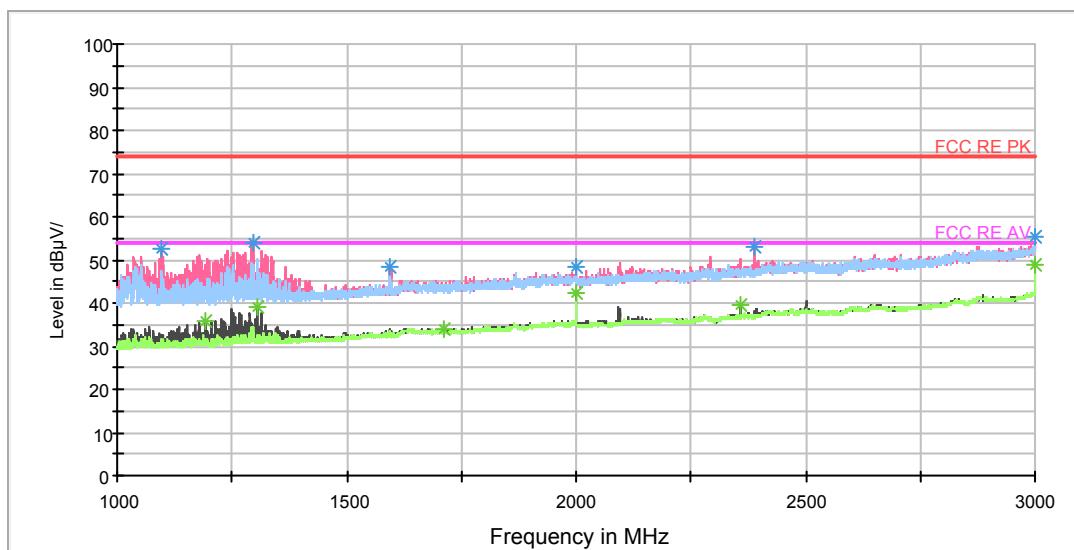
Remark: 1. Quasi-Peak = Reading value + Correction factor

2. Correction Factor = Antenna factor+ Insertion loss(cable loss+amplifier gain)

3. Margin = Limit – Quasi-Peak



RE 1G-3GHz PK+AV



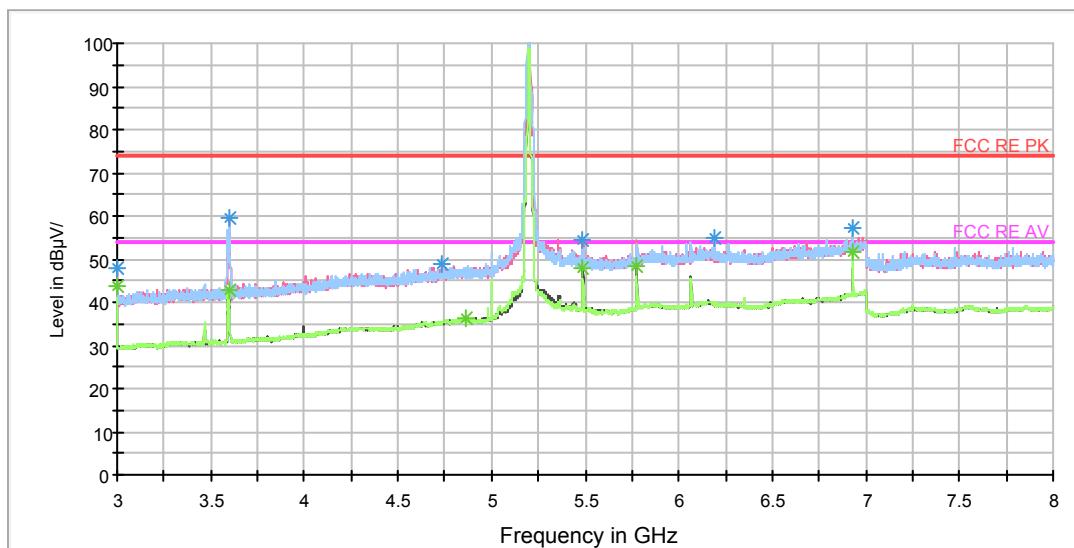
Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1097.250000	52.7	102.0	V	105.0	61.6	-8.9	21.3	74
1296.000000	54.1	102.0	V	96.0	61.9	-7.8	19.9	74
1594.250000	48.3	102.0	V	239.0	54.7	-6.4	25.7	74
2000.500000	48.5	202.0	V	54.0	51.9	-3.4	25.5	74
2390.000000	52.9	102.0	V	351.0	54.3	-1.4	21.1	74
3000.000000	55.2	202.0	V	198.0	57.5	-2.3	18.8	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)
1190.750000	35.8	102.0	V	75.0	44.0	-8.2	18.2	54
1305.750000	39.0	102.0	V	85.0	46.8	-7.8	15.0	54
1710.500000	34.1	102.0	V	0.0	38.9	-4.8	19.9	54
2000.000000	42.5	102.0	V	55.0	45.9	-3.4	11.5	54
2358.500000	39.6	102.0	V	0.0	41.0	-1.4	14.4	54
3000.000000	48.6	102.0	V	11.0	50.9	-2.3	5.4	54

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



Note: The signal beyond the limit is carrier.

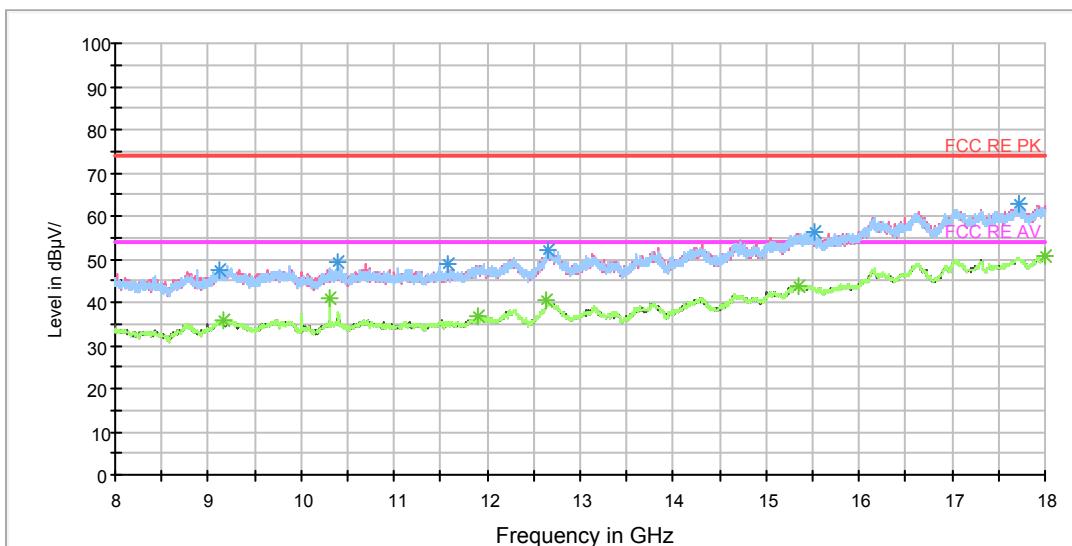
Radiates Emission from 3GHz to 8GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	47.7	202.0	V	179.0	50.9	-3.2	26.3	74
3601.875000	59.6	102.0	V	49.0	61.8	-2.2	14.4	74
4736.250000	48.8	202.0	H	0.0	49.6	-0.8	25.2	74
6186.250000	54.9	202.0	H	0.0	60.3	-5.4	19.1	74
6933.125000	57.2	202.0	H	124.0	63.4	-6.2	16.8	74
5488.750000	54.3	202.0	V	0.0	57.4	-3.1	19.7	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)
3000.000000	43.6	202.0	V	179.0	46.8	-3.2	10.4	54
3596.250000	43.0	102.0	H	0.0	45.3	-2.3	11.0	54
4864.375000	36.1	202.0	V	0.0	37.8	-1.7	17.9	54
5777.500000	48.6	202.0	V	0.0	52.5	-3.9	5.4	54
6933.750000	51.8	202.0	H	124.0	58.0	-6.2	2.2	54
5488.750000	47.9	202.0	V	0.0	51.0	-3.1	6.1	54

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



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9117.500000	47.5	102.0	H	89.0	57.5	-10.0	26.5	74
10398.750000	49.2	102.0	H	143.0	58.6	-9.4	24.8	74
11577.500000	48.8	102.0	V	109.0	59.9	-11.1	25.2	74
12656.250000	52.3	102.0	H	338.0	66.2	-13.9	21.7	74
15511.250000	56.3	102.0	H	0.0	75.8	-19.5	17.7	74
17717.500000	63.0	202.0	H	0.0	87.6	-24.6	11.0	74

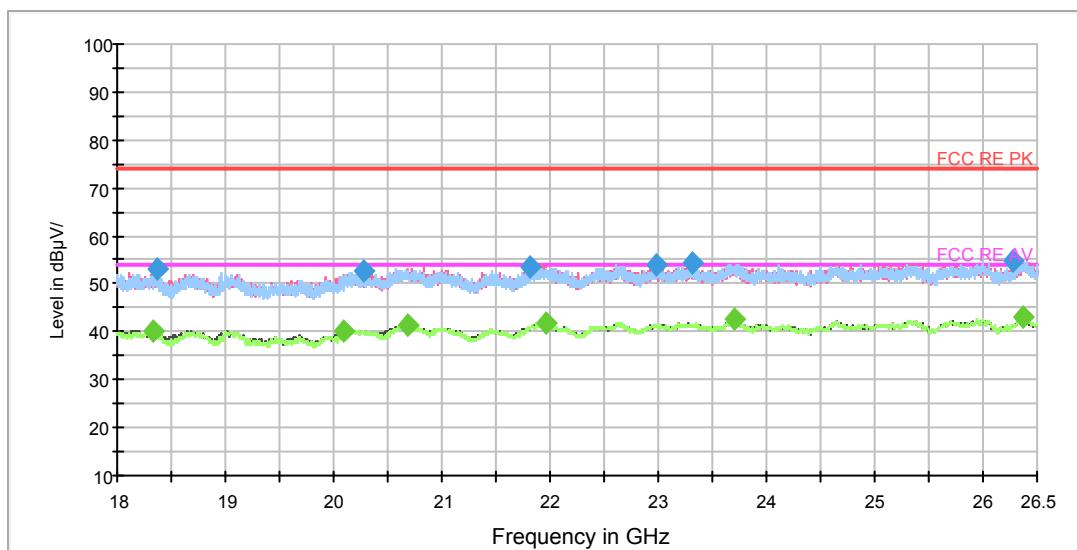
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9155.000000	36.0	102.0	V	271.0	46.3	-10.3	18.0	54
10312.500000	41.0	102.0	H	36.0	51.0	-10.0	13.0	54
11896.250000	36.8	102.0	H	0.0	49.0	-12.2	17.2	54
12640.000000	40.6	102.0	H	143.0	55.2	-14.6	13.4	54
15348.750000	43.8	102.0	H	89.0	62.6	-18.8	10.2	54
18000.000000	50.5	202.0	H	324.0	76.0	-25.5	3.5	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)
18363.375000	53.0	V	270.0	56.3	-3.3	21.0	74
20276.937500	52.7	H	104.0	58.7	-6.0	21.3	74
21819.687500	53.7	V	270.0	61.7	-8.0	20.3	74
22975.687500	54.0	H	145.0	60.2	-6.2	20.0	74
23322.062500	54.2	H	131.0	60.2	-6.0	19.8	74
26270.500000	54.8	H	91.0	60.2	-5.4	19.2	74

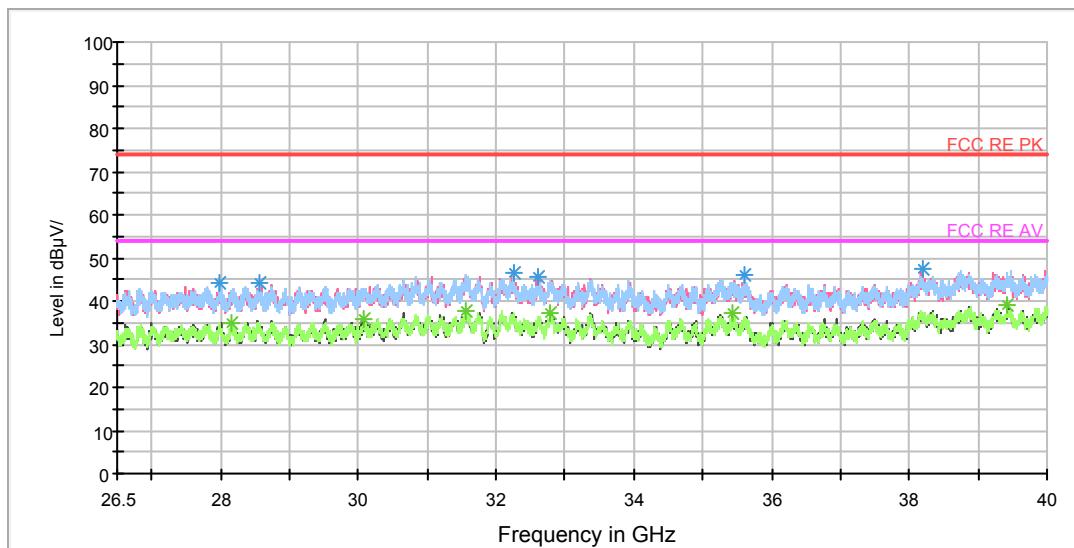
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18327.250000	40.3	V	270.0	43.5	-3.2	13.7	54
20098.437500	40.3	V	132.0	46.1	-5.8	13.7	54
20678.562500	41.4	V	270.0	48.0	-6.6	12.6	54
21956.750000	42.0	V	90.0	50.0	-8.0	12.0	54
23699.250000	42.5	H	200.0	48.4	-5.9	11.5	54
26372.500000	43.1	H	90.0	48.5	-5.4	10.9	54

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



RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27986.687500	44.2	101.0	H	169.0	45.9	-1.7	29.8	74
28563.812500	44.0	101.0	H	169.0	45.4	-1.4	30.0	74
32247.625000	46.4	101.0	H	60.0	46.9	-0.5	27.6	74
32607.062500	45.7	101.0	H	93.0	46.4	-0.7	28.3	74
35612.500000	46.1	101.0	H	260.0	46.5	-0.4	27.9	74
38187.625000	47.5	101.0	V	267.0	45.7	1.8	26.5	74

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

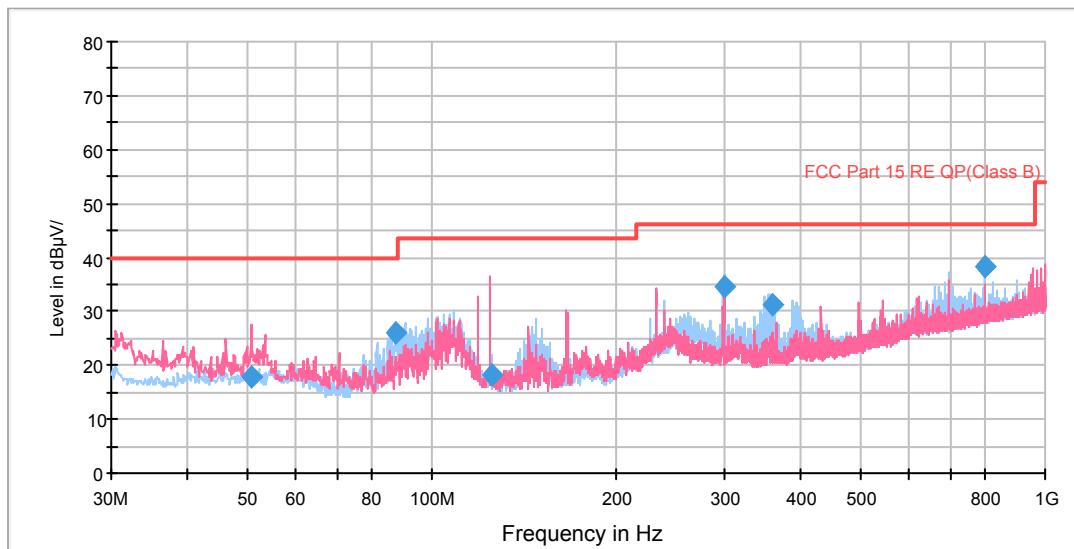
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28165.562500	34.9	101.0	H	60.0	36.5	-1.6	19.1	54
30085.937500	35.7	101.0	V	177.0	36.1	-0.4	18.3	54
31565.875000	37.9	101.0	H	271.0	38.4	-0.5	16.1	54
32787.625000	37.3	101.0	V	267.0	38.1	-0.8	16.7	54
35437.000000	37.4	101.0	V	230.0	37.9	-0.5	16.6	54
39431.312500	38.9	101.0	V	300.0	36.2	2.7	15.1	54

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



MIMO 802.11ac (HT20) CH48

FCC RE 0.03-1GHz QP Class B



Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
50.853750	17.7	100.0	V	123.0	30.7	-13.0	22.3	40.0
87.632500	25.9	200.0	H	324.0	37.0	-11.1	14.1	40.0
125.013750	18.1	125.0	V	192.0	28.0	-9.9	25.4	43.5
299.293750	34.6	100.0	H	239.0	50.0	-15.4	11.4	46.0
358.790000	31.3	100.0	H	0.0	48.1	-16.8	14.7	46.0
798.201250	38.5	100.0	H	245.0	62.8	-24.3	7.5	46.0

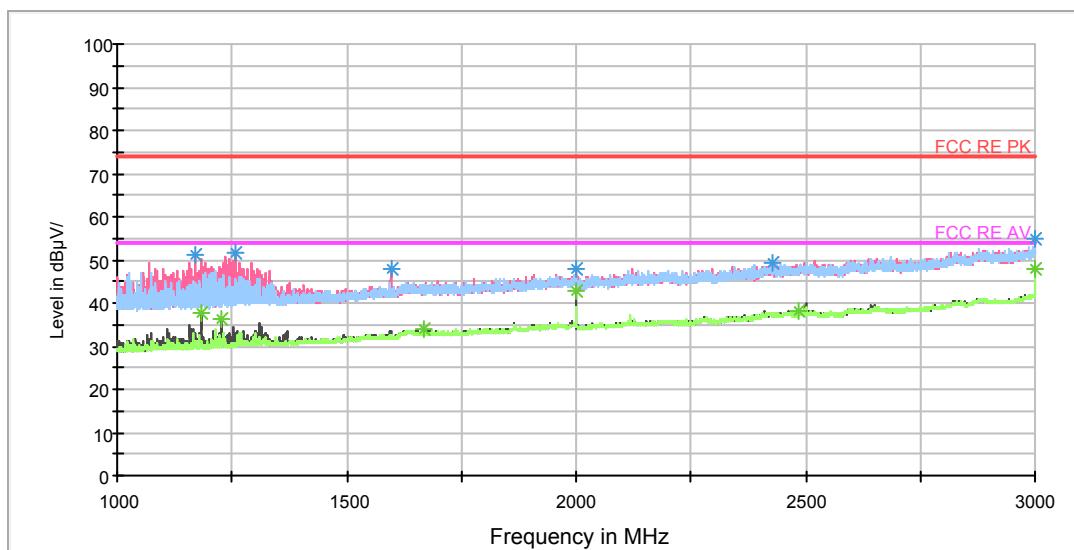
Remark: 1. Quasi-Peak = Reading value + Correction factor

2. Correction Factor = Antenna factor+ Insertion loss(cable loss+amplifier gain)

3. Margin = Limit – Quasi-Peak



RE 1G-3GHz PK+AV



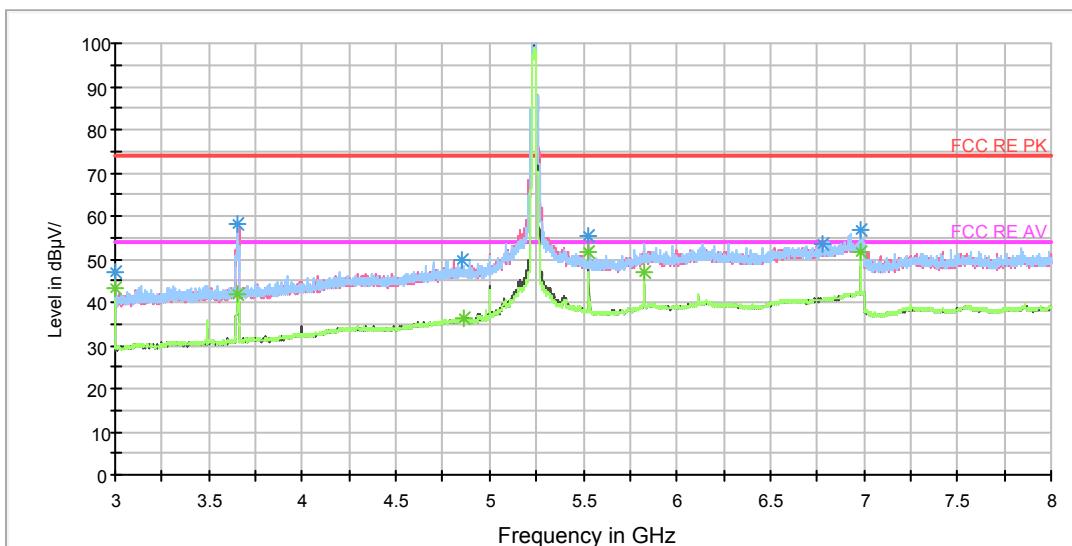
Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1171.000000	51.3	102.0	V	83.0	59.4	-8.1	22.7	74
1257.000000	51.5	102.0	V	93.0	59.3	-7.8	22.5	74
1596.250000	47.7	102.0	V	179.0	54.1	-6.4	26.3	74
1999.750000	47.7	202.0	V	146.0	51.1	-3.4	26.3	74
2429.500000	49.1	102.0	H	85.0	49.7	-0.6	24.9	74
2999.750000	54.8	102.0	H	0.0	57.1	-2.3	19.2	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)
1182.500000	37.7	102.0	V	83.0	45.7	-8.0	16.3	54
1226.500000	36.1	102.0	V	93.0	43.9	-7.8	17.9	54
1669.000000	33.8	202.0	V	297.0	38.9	-5.1	20.2	54
2000.000000	42.6	102.0	V	61.0	46.0	-3.4	11.4	54
2486.500000	38.1	202.0	V	41.0	38.2	-0.1	15.9	54
3000.000000	47.9	102.0	V	354.0	50.2	-2.3	6.1	54

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



Note: The signal beyond the limit is carrier.

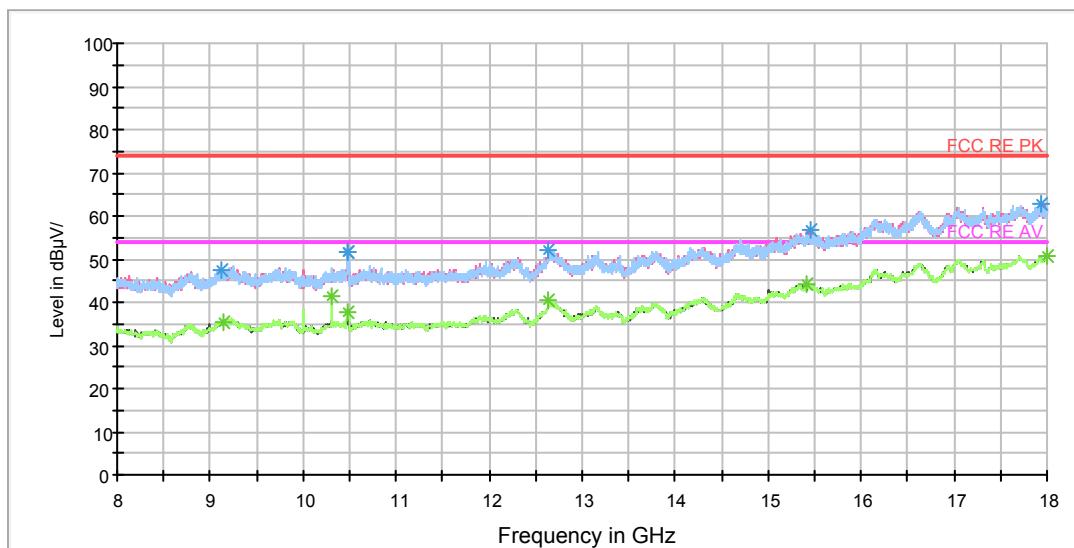
Radiates Emission from 3GHz to 8GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	47.1	202.0	V	178.0	50.3	-3.2	26.9	74
3656.875000	57.9	102.0	H	0.0	59.8	-1.9	16.1	74
4849.375000	49.7	202.0	H	330.0	51.3	-1.6	24.3	74
6777.500000	53.6	202.0	V	28.0	59.2	-5.6	20.4	74
6986.875000	56.9	102.0	H	141.0	63.3	-6.4	17.1	74
5531.250000	55.5	202.0	V	283.0	58.7	-3.2	18.5	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	43.5	202.0	V	178.0	46.7	-3.2	10.5	54
3655.000000	41.8	102.0	H	0.0	43.7	-1.9	12.2	54
4865.000000	36.2	202.0	V	178.0	37.9	-1.7	17.8	54
5821.875000	46.9	202.0	H	206.0	51.4	-4.5	7.1	54
6986.875000	51.7	202.0	H	156.0	58.1	-6.4	2.3	54
5531.250000	51.7	202.0	V	283.0	54.9	-3.2	2.3	54

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



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9126.250000	47.6	102.0	H	197.0	57.6	-10.0	26.4	74
10480.000000	51.6	102.0	H	0.0	61.7	-10.1	22.4	74
10488.750000	51.6	202.0	H	189.0	61.7	-10.1	22.4	74
12633.750000	51.9	102.0	H	8.0	65.8	-13.9	22.1	74
15465.000000	56.5	102.0	V	243.0	76.2	-19.7	17.5	74
17925.000000	62.9	202.0	H	216.0	88.5	-25.6	11.1	74

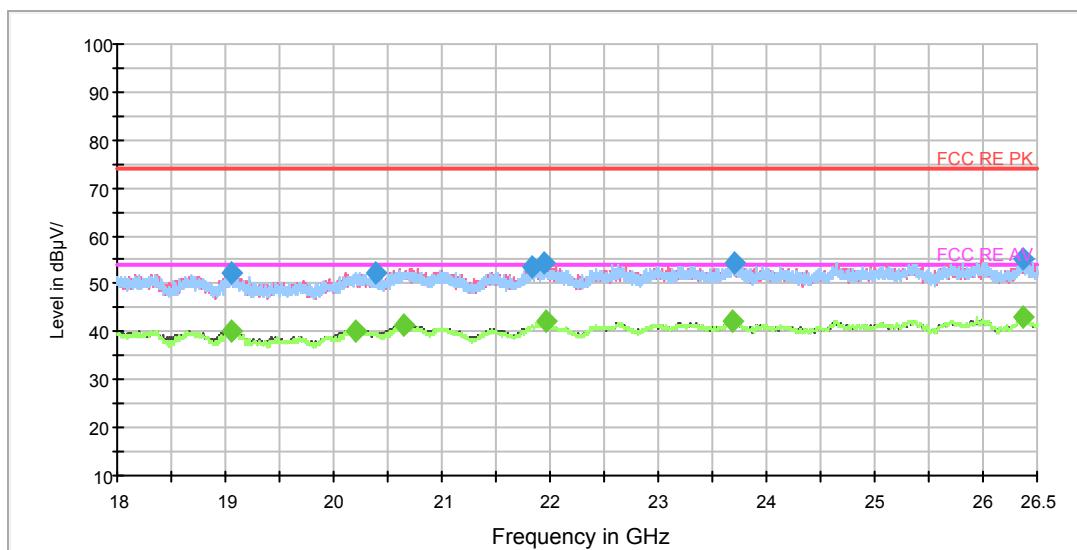
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9152.500000	35.5	102.0	V	108.0	45.7	-10.2	18.5	54
10312.500000	41.4	102.0	H	33.0	51.4	-10.0	12.6	54
10485.000000	37.9	202.0	H	107.0	48.0	-10.1	16.1	54
12640.000000	40.4	102.0	V	296.0	55.0	-14.6	13.6	54
15422.500000	44.0	102.0	H	33.0	63.4	-19.4	10.0	54
17997.500000	50.7	202.0	H	135.0	76.1	-25.4	3.3	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)
19048.687500	52.1	H	90.0	57.3	-5.2	21.9	74
20384.250000	52.4	V	228.0	58.5	-6.1	21.6	74
21828.187500	53.6	V	270.0	61.6	-8.0	20.4	74
21948.250000	54.2	V	270.0	62.2	-8.0	19.8	74
23701.375000	54.5	H	90.0	60.4	-5.9	19.5	74
26371.437500	55.1	V	270.0	60.5	-5.4	18.9	74

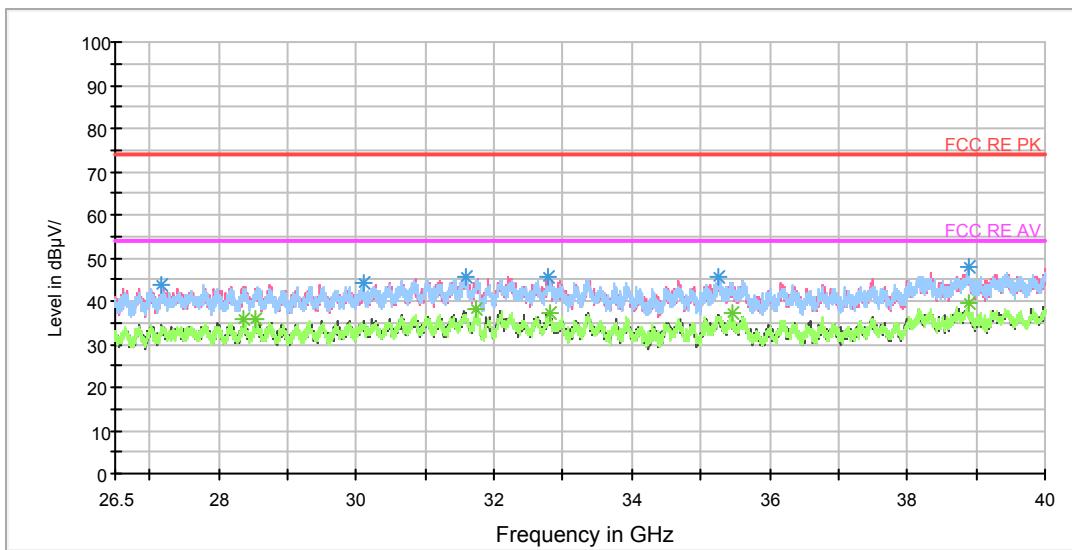
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
19056.125000	40.2	V	270.0	45.4	-5.2	13.8	54
20195.125000	40.2	H	105.0	46.1	-5.9	13.8	54
20640.312500	41.5	V	270.0	48.0	-6.5	12.5	54
21967.375000	42.2	V	186.0	50.2	-8.0	11.8	54
23685.437500	42.4	H	90.0	48.3	-5.9	11.6	54
26370.375000	42.9	V	145.0	48.3	-5.4	11.1	54

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



RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27183.437500	43.6	101.0	H	239.0	44.7	-1.1	30.4	74
30114.625000	44.4	101.0	H	170.0	44.8	-0.4	29.6	74
31581.062500	45.8	101.0	H	60.0	46.3	-0.5	28.2	74
32796.062500	45.8	101.0	H	300.0	46.6	-0.8	28.2	74
35251.375000	45.7	101.0	V	219.0	46.3	-0.6	28.3	74
38881.187500	47.8	101.0	V	140.0	44.9	2.9	26.2	74

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

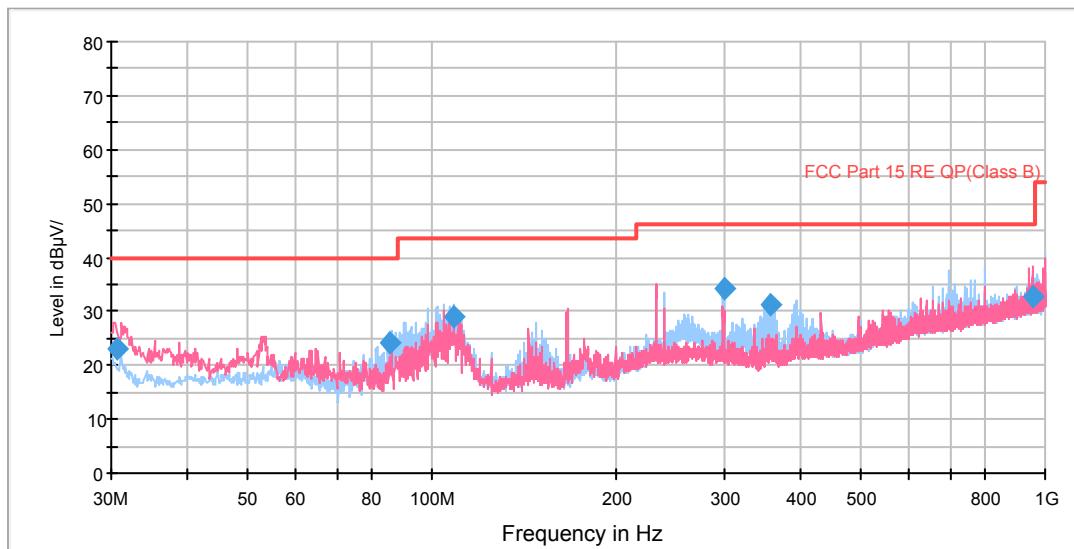
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28366.375000	35.7	101.0	H	85.0	37.2	-1.5	18.3	54
28536.812500	35.8	101.0	H	113.0	37.2	-1.4	18.2	54
31743.062500	38.1	101.0	H	75.0	38.6	-0.5	15.9	54
32809.562500	37.1	101.0	V	110.0	37.9	-0.8	16.9	54
35447.125000	37.1	101.0	H	60.0	37.6	-0.5	16.9	54
38886.250000	39.6	101.0	H	260.0	36.7	2.9	14.4	54

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



MIMO 802.11ac (HT20) CH149

FCC RE 0.03-1GHz QP Class B



Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
30.600000	22.9	100.0	V	296.0	34.8	-11.9	17.1	40.0
85.538750	24.1	375.0	H	156.0	34.5	-10.4	15.9	40.0
108.812500	28.8	275.0	H	197.0	41.2	-12.4	14.7	43.5
299.292500	34.3	100.0	H	260.0	49.7	-15.4	11.7	46.0
356.727500	31.2	100.0	H	58.0	48.0	-16.8	14.8	46.0
955.665000	32.6	114.0	V	270.0	58.7	-26.1	13.4	46.0

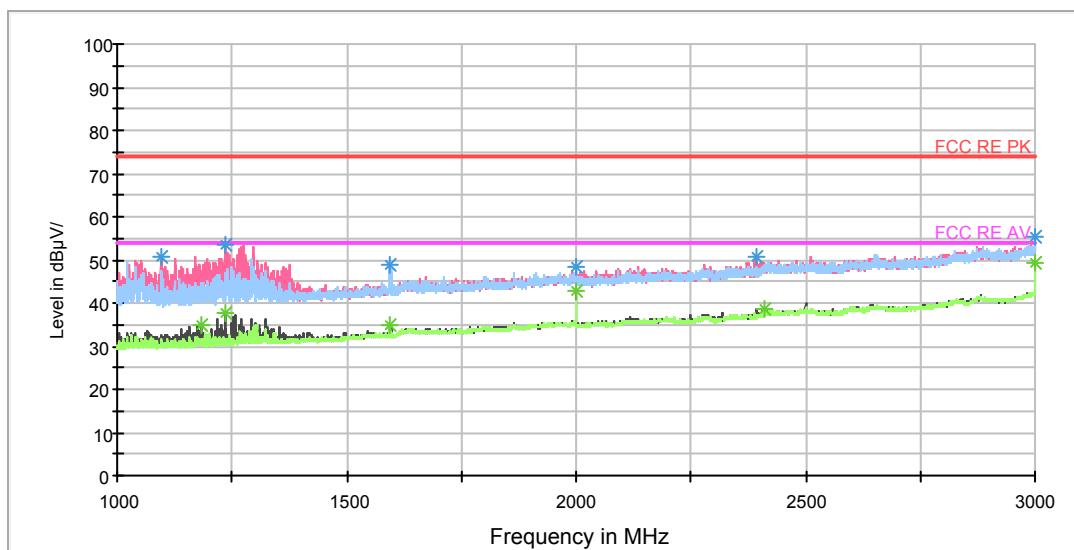
Remark: 1. Quasi-Peak = Reading value + Correction factor

2. Correction Factor = Antenna factor+ Insertion loss(cable loss+amplifier gain)

3. Margin = Limit – Quasi-Peak



RE 1G-3GHz PK+AV



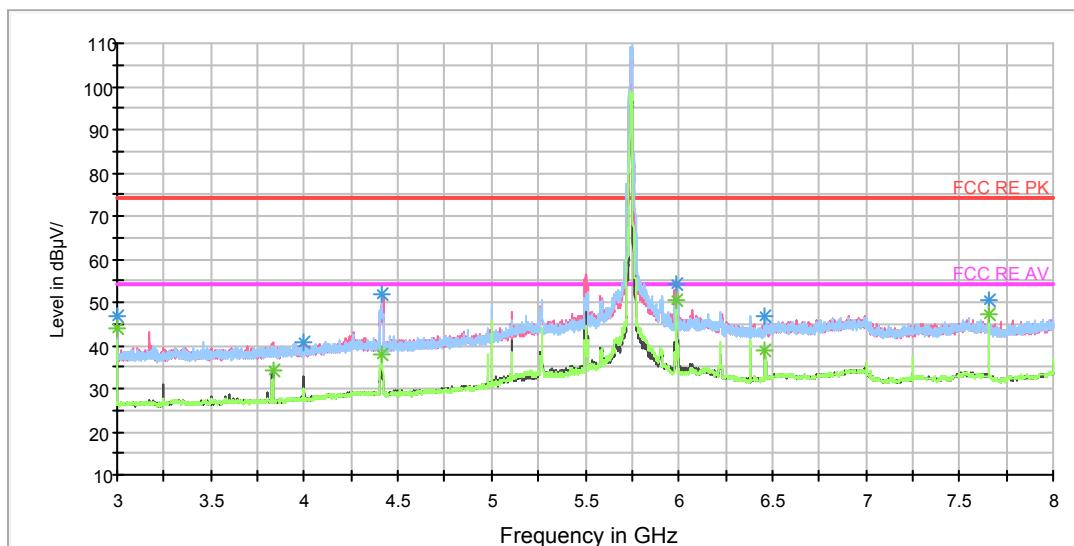
Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1096.250000	50.7	102.0	V	42.0	59.6	-8.9	23.3	74
1235.750000	53.6	102.0	V	98.0	61.5	-7.9	20.4	74
1593.500000	48.7	103.0	H	58.0	55.1	-6.4	25.3	74
2000.000000	48.3	202.0	H	234.0	51.7	-3.4	25.7	74
2392.500000	50.7	102.0	V	30.0	52.0	-1.3	23.3	74
2999.750000	55.4	202.0	H	191.0	57.7	-2.3	18.6	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)
1182.000000	34.8	102.0	V	108.0	42.8	-8.0	19.2	54
1237.000000	37.5	102.0	V	98.0	45.4	-7.9	16.5	54
1595.750000	34.9	102.0	V	197.0	41.3	-6.4	19.1	54
2000.000000	43.0	202.0	V	148.0	46.4	-3.4	11.0	54
2409.750000	38.5	103.0	H	58.0	39.0	-0.5	15.5	54
3000.000000	49.2	202.0	V	210.0	51.5	-2.3	4.8	54

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



Note: The signal beyond the limit is carrier.

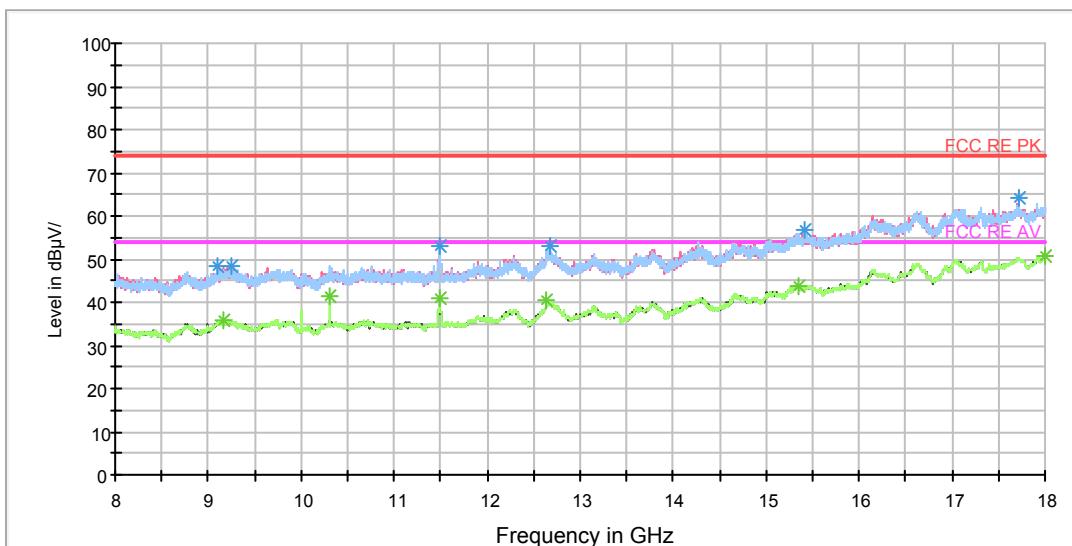
Radiates Emission from 3GHz to 8GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	46.7	202.0	V	184.0	49.9	-3.2	27.3	74
4000.000000	40.9	202.0	V	184.0	42.0	-1.1	33.1	74
4413.125000	51.9	102.0	H	186.0	52.1	-0.2	22.1	74
7660.000000	50.5	202.0	V	134.0	57.3	-6.8	23.5	74
5983.750000	54.2	202.0	V	59.0	59.0	-4.8	19.8	74
6463.125000	46.9	202.0	V	0.0	52.0	-5.1	27.1	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	44.1	202.0	V	184.0	47.3	-3.2	9.9	54
3830.000000	34.2	102.0	V	201.0	35.9	-1.7	19.8	54
4413.125000	37.8	202.0	H	227.0	38.0	-0.2	16.2	54
7660.000000	47.3	102.0	H	261.0	54.1	-6.8	6.7	54
5984.375000	50.2	202.0	V	59.0	55.0	-4.8	3.8	54
6463.125000	39.0	102.0	H	0.0	44.1	-5.1	15.0	54

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



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9090.000000	48.2	102.0	H	0.0	57.6	-9.4	25.8	74
9250.000000	48.6	202.0	H	0.0	58.3	-9.7	25.4	74
11498.750000	53.2	102.0	H	34.0	63.8	-10.6	20.8	74
12678.750000	52.8	202.0	H	109.0	67.0	-14.2	21.2	74
15403.750000	56.6	202.0	V	0.0	75.5	-18.9	17.4	74
17716.250000	64.1	202.0	H	0.0	88.7	-24.6	9.9	74

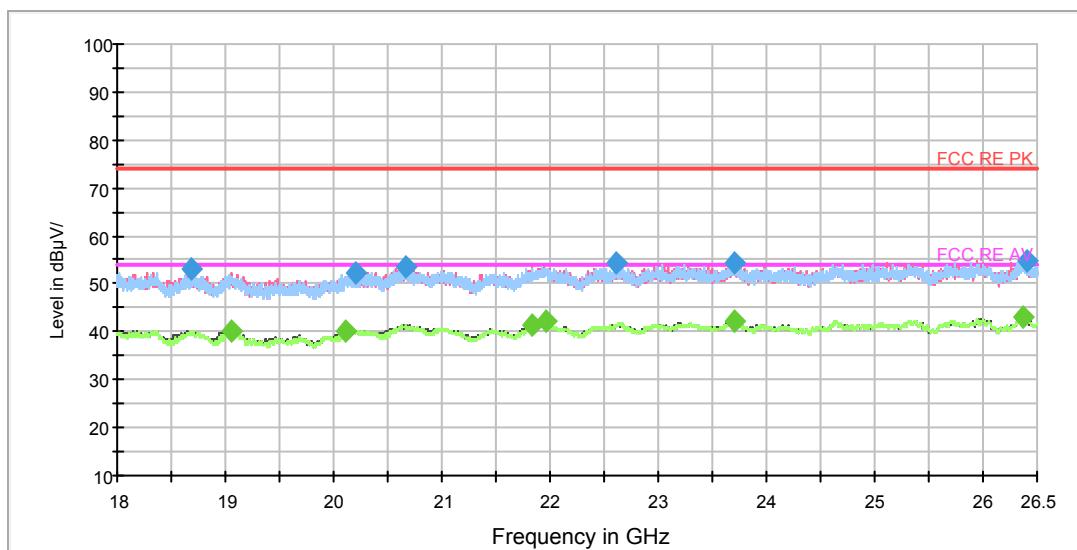
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9153.750000	35.8	102.0	V	272.0	46.0	-10.2	18.2	54
10312.500000	41.5	102.0	H	34.0	51.5	-10.0	12.5	54
11490.000000	40.9	102.0	H	34.0	51.3	-10.4	13.1	54
12641.250000	40.4	202.0	V	61.0	54.9	-14.5	13.6	54
15348.750000	43.9	102.0	H	0.0	62.7	-18.8	10.1	54
18000.000000	50.6	102.0	H	61.0	76.1	-25.5	3.4	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)
18687.437500	52.9	V	228.0	57.2	-4.3	21.1	74
20198.312500	52.5	H	173.0	58.4	-5.9	21.5	74
20675.375000	53.6	H	200.0	60.2	-6.6	20.4	74
22604.875000	54.4	V	200.0	61.1	-6.7	19.6	74
23697.125000	54.2	V	160.0	60.1	-5.9	19.8	74
26403.312500	54.8	V	268.0	60.2	-5.4	19.2	74

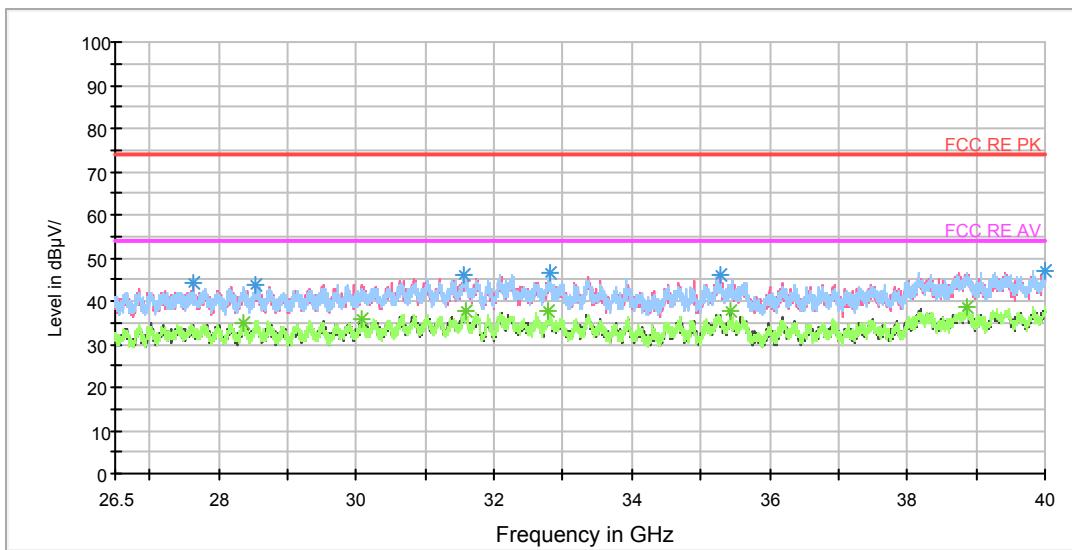
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
19051.875000	40.2	V	270.0	45.4	-5.2	13.8	54
20108.000000	40.2	H	215.0	46.0	-5.8	13.8	54
21836.687500	41.3	V	270.0	49.3	-8.0	12.7	54
21963.125000	42.0	V	255.0	50.0	-8.0	12.0	54
23695.000000	42.3	H	90.0	48.2	-5.9	11.7	54
26371.437500	43.1	H	186.0	48.5	-5.4	10.9	54

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



RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27635.687500	44.2	101.0	V	203.0	45.6	-1.4	29.8	74
28540.187500	43.8	101.0	V	297.0	45.2	-1.4	30.2	74
31565.875000	46.0	101.0	H	160.0	46.5	-0.5	28.0	74
32804.500000	46.5	101.0	H	199.0	47.3	-0.8	27.5	74
35273.312500	45.9	101.0	V	300.0	46.5	-0.6	28.1	74
39994.937500	47.2	101.0	H	189.0	44.9	2.3	26.8	74

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

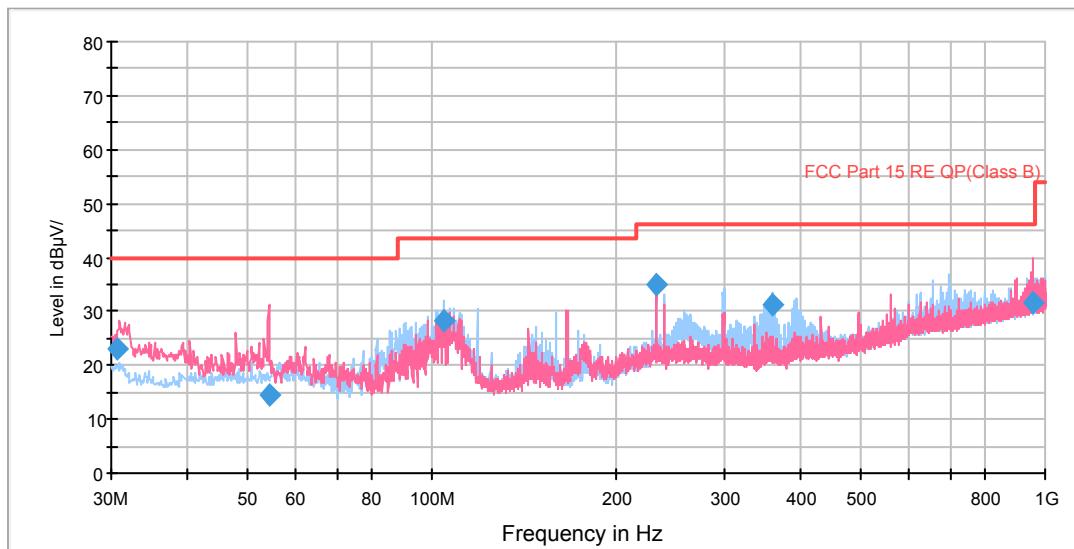
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28364.687500	34.9	101.0	H	60.0	36.4	-1.5	19.1	54
30075.812500	35.7	101.0	H	250.0	36.1	-0.4	18.3	54
31581.062500	37.7	101.0	H	189.0	38.2	-0.5	16.3	54
32797.750000	37.5	101.0	H	71.0	38.3	-0.8	16.5	54
35438.687500	37.5	101.0	V	92.0	38.0	-0.5	16.5	54
38874.437500	38.7	101.0	V	232.0	35.8	2.9	15.3	54

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



MIMO 802.11ac (HT20) CH157

FCC RE 0.03-1GHz QP Class B



Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
30.650000	22.9	100.0	V	260.0	34.8	-11.9	17.1	40.0
54.170000	14.5	175.0	V	130.0	27.3	-12.8	25.5	40.0
104.770000	28.3	275.0	H	0.0	41.1	-12.8	15.2	43.5
232.371250	34.9	189.0	V	185.0	48.3	-13.4	11.1	46.0
358.790000	31.3	100.0	H	0.0	48.1	-16.8	14.7	46.0
956.230000	31.6	114.0	V	260.0	57.7	-26.1	14.4	46.0

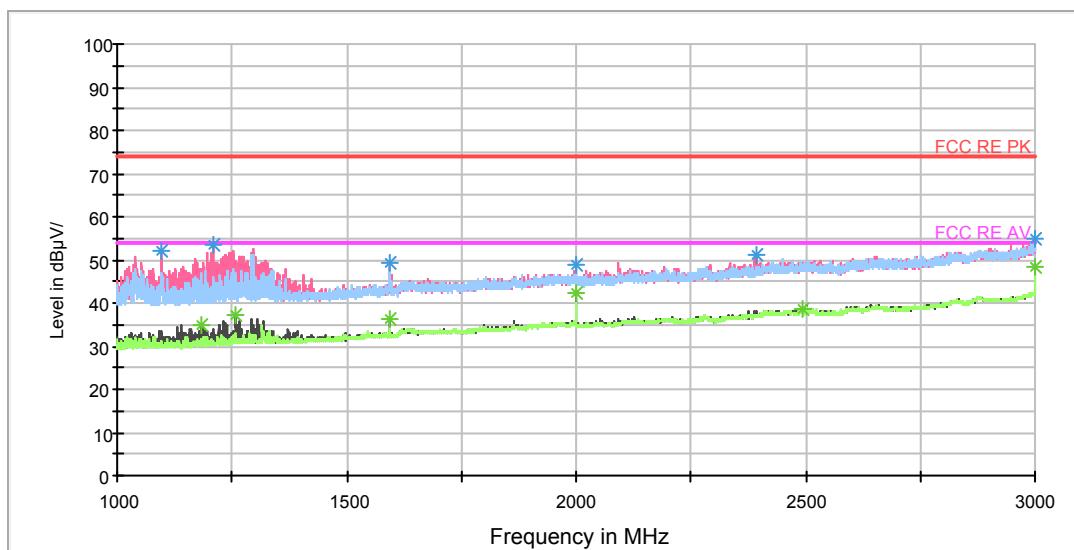
Remark: 1. Quasi-Peak = Reading value + Correction factor

2. Correction Factor = Antenna factor+ Insertion loss(cable loss+amplifier gain)

3. Margin = Limit – Quasi-Peak



RE 1G-3GHz PK+AV



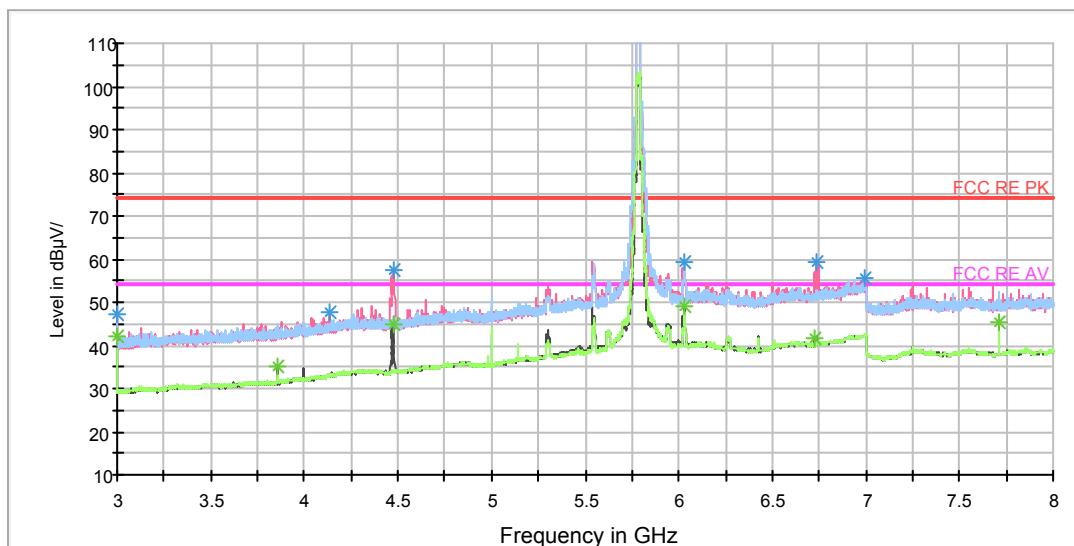
Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1097.750000	52.0	103.0	V	105.0	60.9	-8.9	22.0	74
1209.500000	53.3	103.0	V	105.0	61.4	-8.1	20.7	74
1594.250000	49.3	103.0	V	194.0	55.7	-6.4	24.7	74
2000.250000	48.7	202.0	V	145.0	52.1	-3.4	25.3	74
2392.000000	51.1	103.0	V	0.0	52.4	-1.3	22.9	74
3000.000000	54.9	103.0	V	0.0	57.2	-2.3	19.1	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1183.750000	35.0	103.0	V	105.0	43.1	-8.1	19.0	54
1259.000000	37.1	103.0	V	96.0	44.9	-7.8	16.9	54
1594.250000	36.1	103.0	V	194.0	42.5	-6.4	17.9	54
2000.250000	42.2	103.0	V	78.0	45.6	-3.4	11.8	54
2493.000000	38.5	202.0	V	94.0	38.7	-0.2	15.5	54
3000.000000	48.4	203.0	H	327.0	50.7	-2.3	5.6	54

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



Note: The signal beyond the limit is carrier.

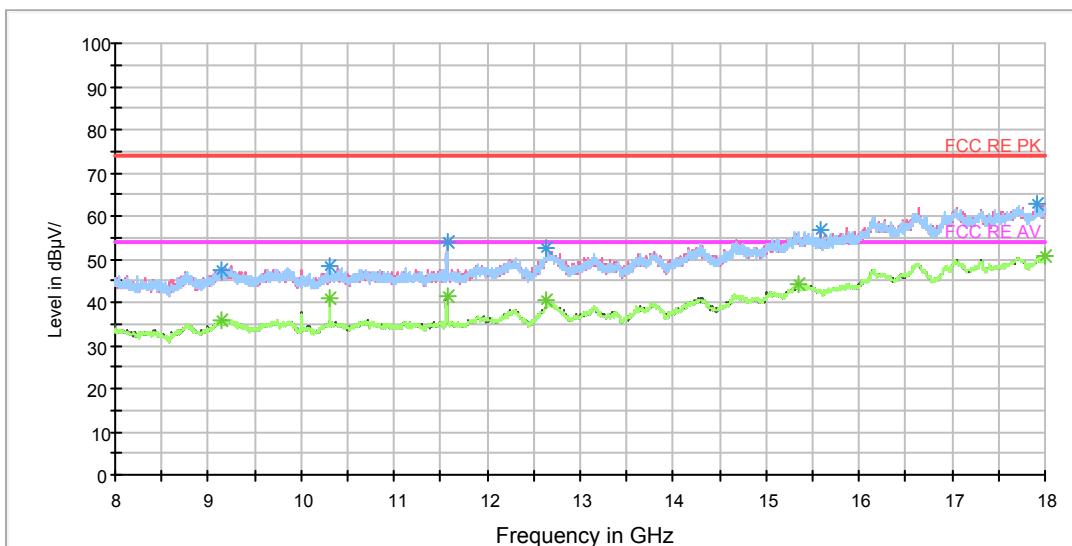
Radiates Emission from 3GHz to 8GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	47.1	202.0	V	185.0	50.3	-3.2	26.9	74
4138.125000	47.7	202.0	V	235.0	48.0	-0.3	26.3	74
4480.000000	57.5	102.0	V	73.0	58.0	-0.5	16.5	74
6994.375000	55.6	202.0	V	0.0	62.1	-6.5	18.4	74
6030.625000	59.3	202.0	V	54.0	64.1	-4.8	14.7	74
6739.375000	59.3	202.0	V	185.0	64.8	-5.5	14.7	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)
3000.000000	42.1	202.0	V	185.0	50.3	-3.2	26.9	54
3856.250000	34.9	102.0	V	209.0	48.0	-0.3	26.3	54
4472.500000	45.1	102.0	V	73.0	58.0	-0.5	16.5	54
7713.750000	45.6	102.0	H	261.0	62.1	-6.5	18.4	54
6026.250000	49.3	202.0	V	0.0	64.1	-4.8	14.7	54
6727.500000	41.7	202.0	V	185.0	64.8	-5.5	14.7	54

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



Radiates Emission from 8GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9147.500000	47.6	102.0	V	0.0	57.7	-10.1	26.4	74
10312.500000	48.5	102.0	H	37.0	58.5	-10.0	25.5	74
11570.000000	53.8	102.0	V	219.0	64.8	-11.0	20.2	74
12640.000000	52.5	102.0	V	328.0	67.1	-14.6	21.5	74
15581.250000	56.7	202.0	V	0.0	76.0	-19.3	17.3	74
17912.500000	62.7	102.0	V	0.0	88.2	-25.5	11.3	74

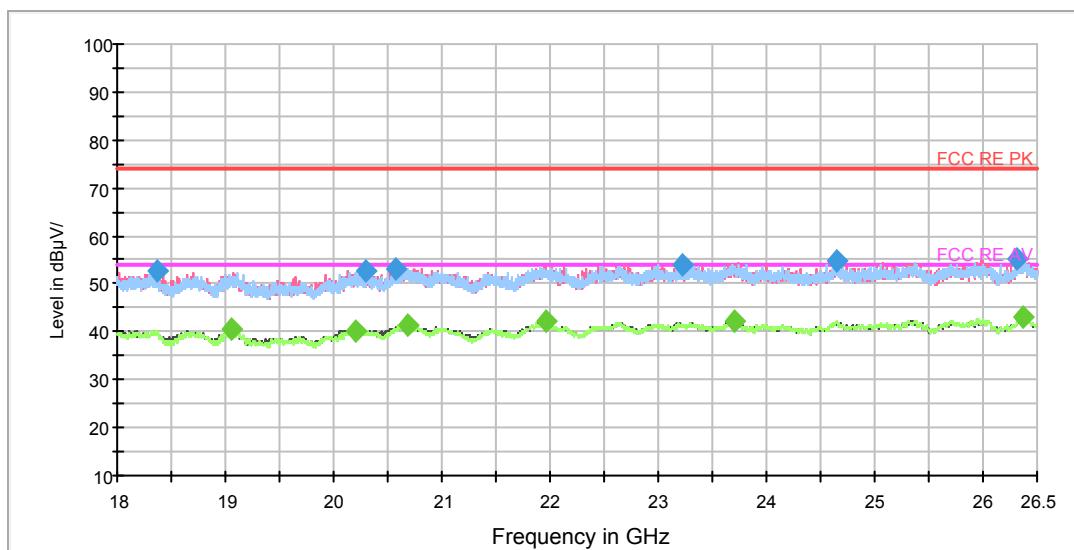
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9150.000000	35.7	202.0	H	354.0	45.8	-10.1	18.3	54
10312.500000	40.9	102.0	H	37.0	50.9	-10.0	13.1	54
11571.250000	41.4	102.0	V	219.0	52.4	-11.0	12.6	54
12641.250000	40.5	102.0	V	247.0	55.0	-14.5	13.5	54
15340.000000	44.1	202.0	V	111.0	62.9	-18.8	9.9	54
17996.250000	50.6	102.0	H	37.0	76.0	-25.4	3.4	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)
18370.812500	52.7	H	90.0	56.1	-3.4	21.3	74
20292.875000	52.6	H	90.0	58.6	-6.0	21.4	74
20579.750000	53.3	V	270.0	59.7	-6.4	20.7	74
23230.687500	53.9	H	105.0	59.9	-6.0	20.1	74
24656.562500	54.9	V	270.0	60.9	-6.0	19.1	74
26319.375000	55.1	H	90.0	60.5	-5.4	18.9	74

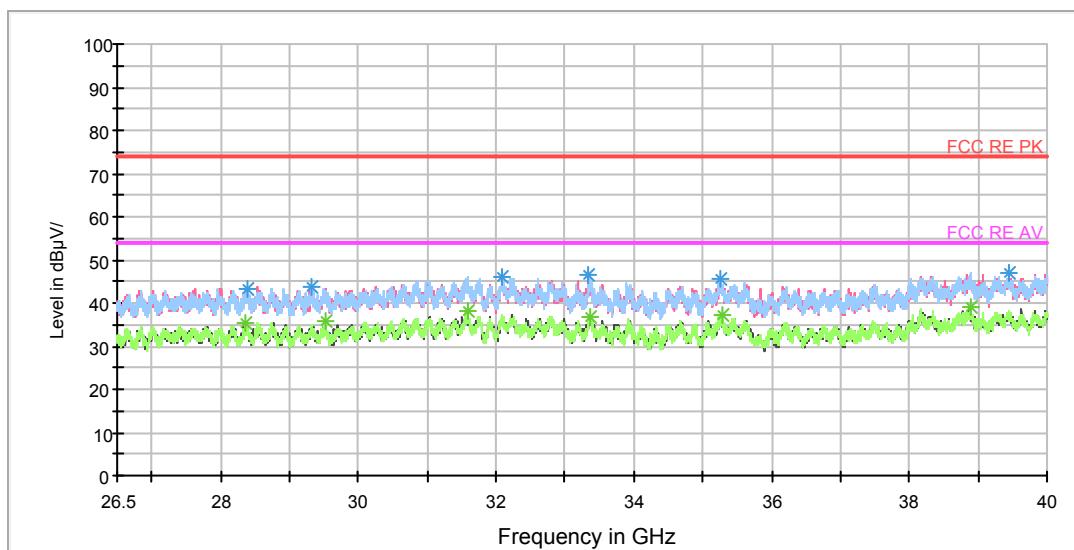
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
19055.062500	40.5	H	91.0	45.7	-5.2	13.5	54
20210.000000	40.2	V	270.0	46.1	-5.9	13.8	54
20677.500000	41.3	H	132.0	47.9	-6.6	12.7	54
21961.000000	42.2	V	203.0	50.2	-8.0	11.8	54
23696.062500	42.4	V	270.0	48.3	-5.9	11.6	54
26366.125000	43.0	H	187.0	48.4	-5.4	11.0	54

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



RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28378.187500	43.5	101.0	H	228.0	45.0	-1.5	30.5	74
29319.812500	43.8	101.0	H	208.0	44.8	-1.0	30.2	74
32085.625000	45.9	101.0	V	133.0	46.4	-0.5	28.1	74
33344.500000	46.4	101.0	V	242.0	47.4	-1.0	27.6	74
35246.312500	45.6	101.0	H	65.0	46.2	-0.6	28.4	74
39434.687500	47.0	101.0	H	112.0	44.3	2.7	27.0	74

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

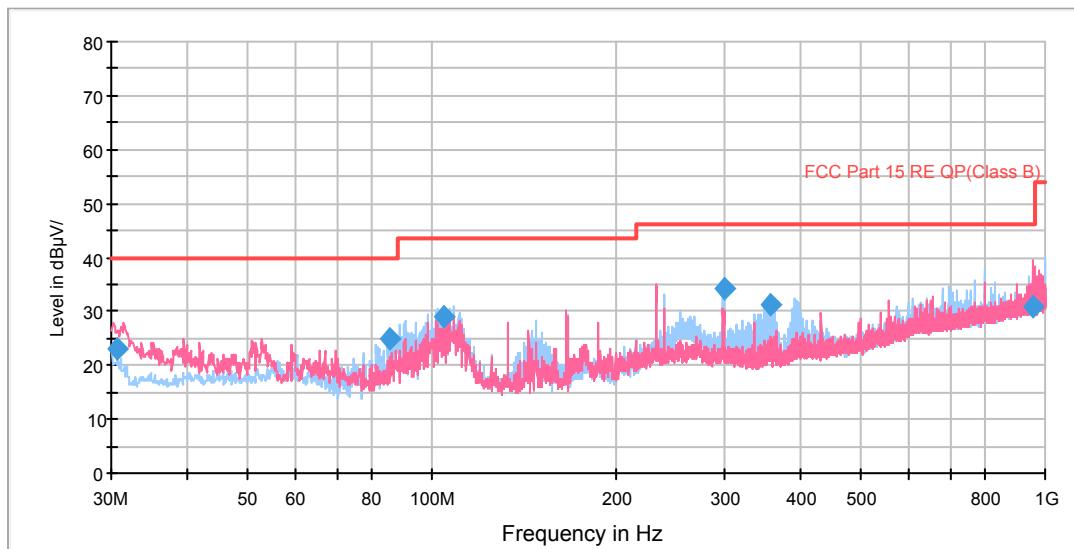
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28369.750000	35.4	101.0	H	60.0	36.9	-1.5	18.6	54
29512.187500	35.8	101.0	H	121.0	36.6	-0.8	18.2	54
31589.500000	38.3	101.0	V	174.0	38.8	-0.5	15.7	54
33368.125000	36.9	101.0	V	174.0	37.9	-1.0	17.1	54
35275.000000	37.3	101.0	H	94.0	37.9	-0.6	16.7	54
38882.875000	39.0	101.0	H	60.0	36.1	2.9	15.0	54

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



MIMO 802.11ac (HT20) CH165

FCC RE 0.03-1GHz QP Class B



Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
30.640000	23.1	100.0	V	300.0	35.0	-11.9	16.9	40.0
85.538750	24.8	221.0	H	326.0	35.2	-10.4	15.2	40.0
104.770000	28.9	286.0	H	200.0	41.7	-12.8	14.6	43.5
299.296250	34.2	100.0	H	264.0	49.6	-15.4	11.8	46.0
356.727500	31.3	100.0	H	54.0	48.1	-16.8	14.7	46.0
955.583750	31.1	100.0	H	327.0	57.2	-26.1	14.9	46.0

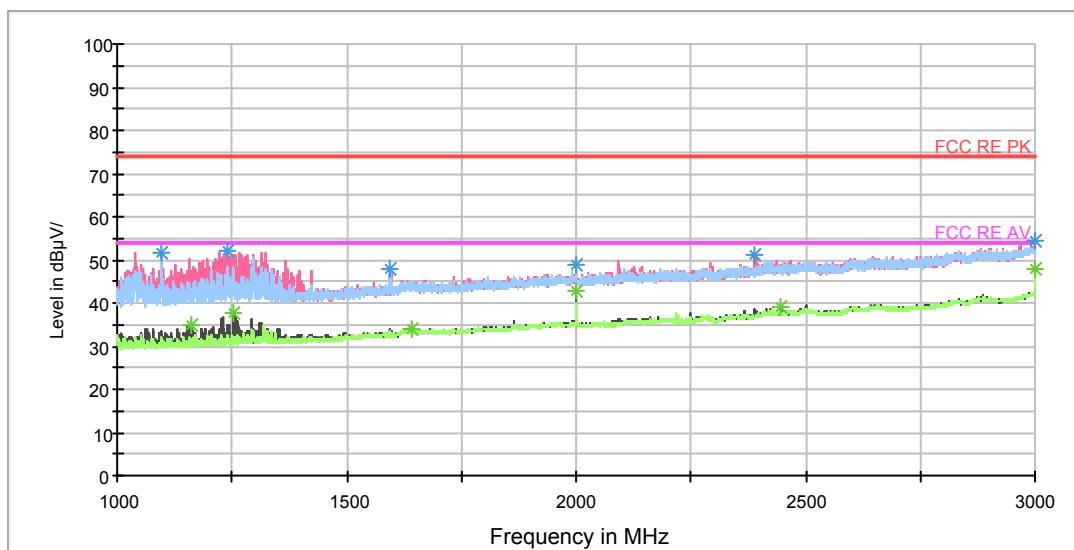
Remark: 1. Quasi-Peak = Reading value + Correction factor

2. Correction Factor = Antenna factor+ Insertion loss(cable loss+amplifier gain)

3. Margin = Limit – Quasi-Peak



RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1098.000000	51.7	103.0	V	99.0	60.6	-8.9	22.3	74
1238.250000	51.9	103.0	V	0.0	59.9	-8.0	22.1	74
1596.000000	47.9	103.0	H	68.0	54.3	-6.4	26.1	74
2000.000000	48.8	103.0	V	61.0	52.2	-3.4	25.2	74
2389.750000	51.0	103.0	V	0.0	52.4	-1.4	23.0	74
3000.000000	54.6	202.0	V	197.0	56.9	-2.3	19.4	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)
1163.000000	34.8	103.0	V	79.0	43.1	-8.3	19.2	54
1252.250000	37.6	103.0	V	153.0	45.6	-8.0	16.4	54
1639.750000	34.0	302.0	H	294.0	38.7	-4.7	20.0	54
2000.000000	42.9	202.0	V	147.0	46.3	-3.4	11.1	54
2445.000000	39.2	202.0	V	214.0	39.7	-0.5	14.8	54
3000.000000	48.1	202.0	V	197.0	50.4	-2.3	5.9	54

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