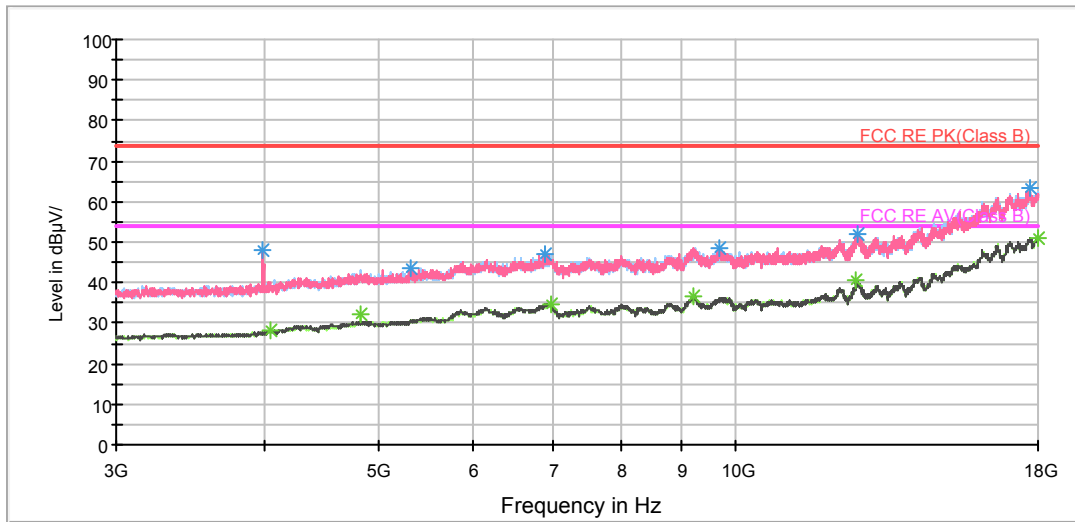


RE 3-18GHz PK+AV



Radiates Emission from 3GHz to 18GHz

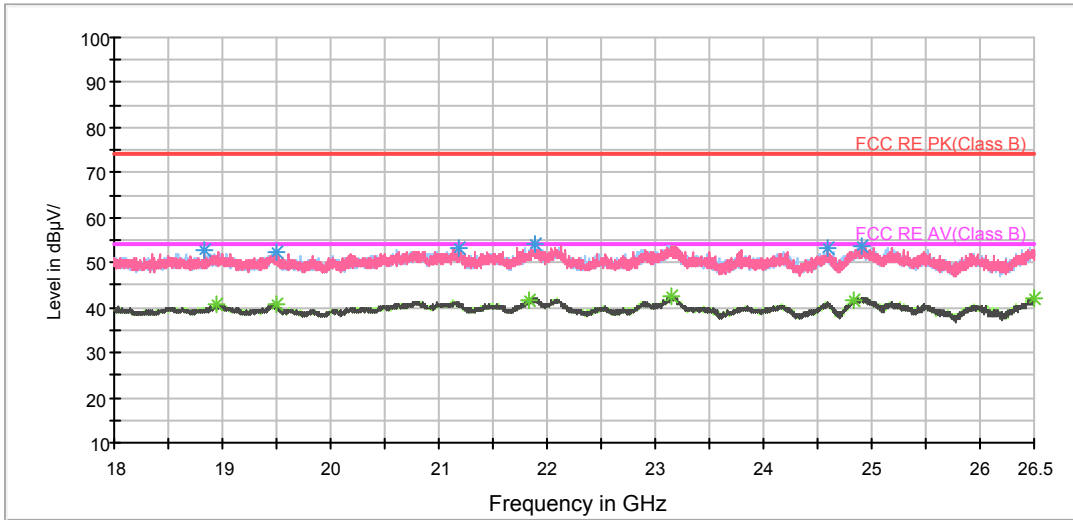
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3982.500000	48.0	150.0	V	173.0	49.0	-1.0	26.0	74
5326.875000	43.7	150.0	V	0.0	41.4	2.3	30.3	74
6894.375000	46.9	150.0	V	0.0	40.7	6.2	27.1	74
9686.250000	48.7	150.0	V	63.0	39.2	9.5	25.3	74
12667.500000	51.9	150.0	H	262.0	37.9	14.0	22.1	74
17703.750000	63.3	150.0	H	0.0	38.6	24.7	10.7	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
4042.500000	28.1	150.0	H	0.0	29.1	-1.0	25.9	54
4822.500000	32.2	150.0	H	150.0	30.9	1.3	21.8	54
6995.625000	34.7	150.0	V	44.0	28.2	6.5	19.3	54
9225.000000	36.5	150.0	V	44.0	26.6	9.9	17.5	54
12639.375000	40.7	150.0	H	299.0	26.2	14.5	13.3	54
17998.125000	51.2	150.0	V	81.0	25.8	25.4	2.8	54

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

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18834.062500	52.6	202.0	V	48.0	52.6	0.0	21.4	74
19499.187500	52.1	202.0	H	169.0	52.0	0.1	21.9	74
21186.437500	53.4	202.0	V	94.0	54.9	-1.5	20.6	74
21891.937500	54.1	202.0	H	131.0	55.7	-1.6	19.9	74
24591.750000	53.1	202.0	V	104.0	53.3	-0.2	20.9	74
24914.750000	53.9	202.0	V	113.0	53.2	0.7	20.1	74

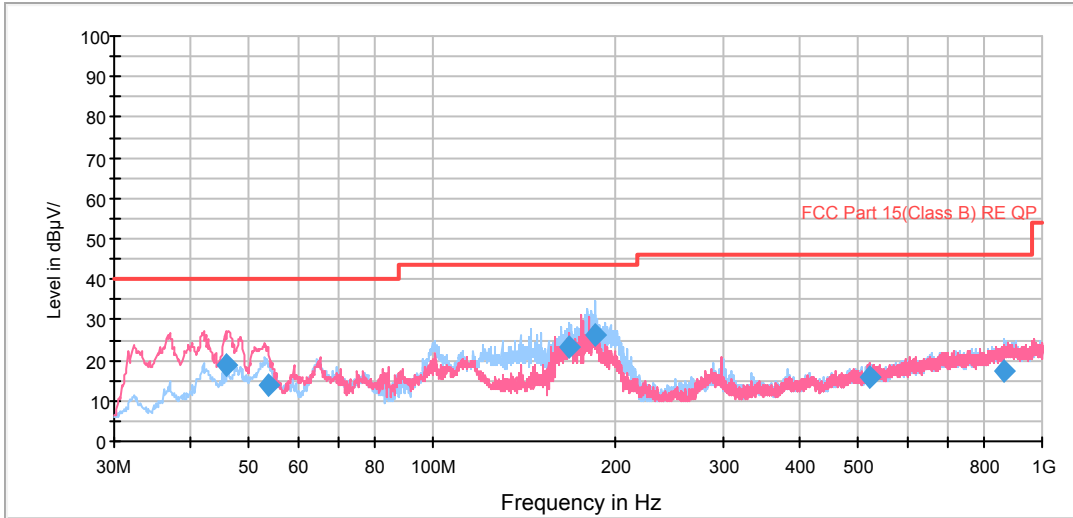
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18941.375000	40.6	202.0	H	180.0	40.6	0.0	13.4	54
19494.937500	40.9	202.0	H	169.0	40.8	0.1	13.1	54
21839.875000	41.6	202.0	V	12.0	43.5	-1.9	12.4	54
23152.062500	42.4	202.0	H	94.0	42.5	-0.1	11.6	54
24834.000000	41.7	202.0	H	0.0	41.5	0.2	12.3	54
26494.687500	42.2	202.0	H	0.0	41.1	1.1	11.8	54

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

802.11b CH6

RE 30M-1GHz QP

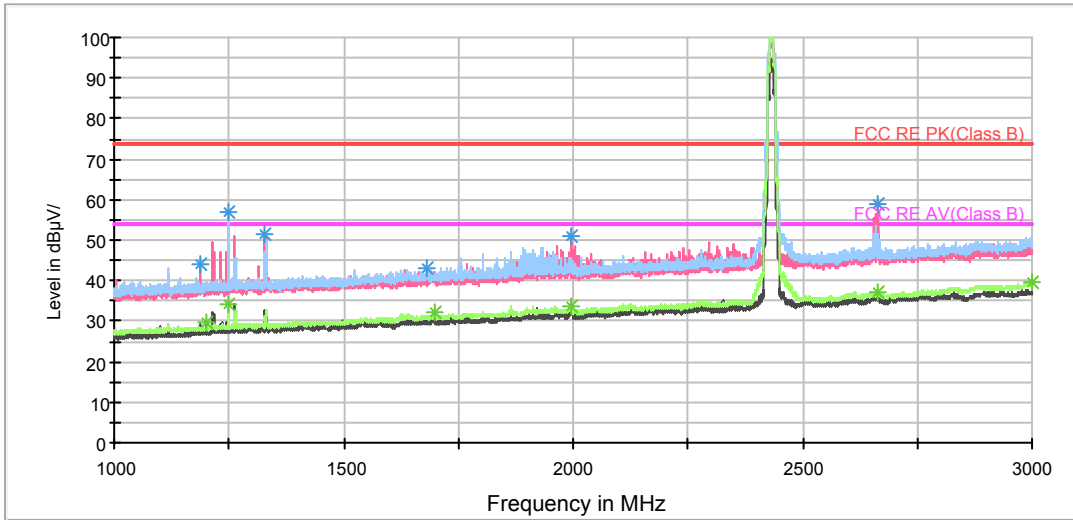


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
45.876906	18.7	120.0	V	239.0	39.3	-20.6	21.3	40.0
53.831534	14.0	295.0	V	213.0	34.8	-20.8	26.0	40.0
167.475916	23.4	200.0	H	294.0	51.7	-28.3	20.1	43.5
184.891319	26.1	175.0	H	291.0	53.6	-27.5	17.4	43.5
519.749250	15.9	300.0	H	16.0	34.9	-19.0	30.1	46.0
863.201500	17.5	175.0	H	179.0	30.4	-12.9	28.5	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



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

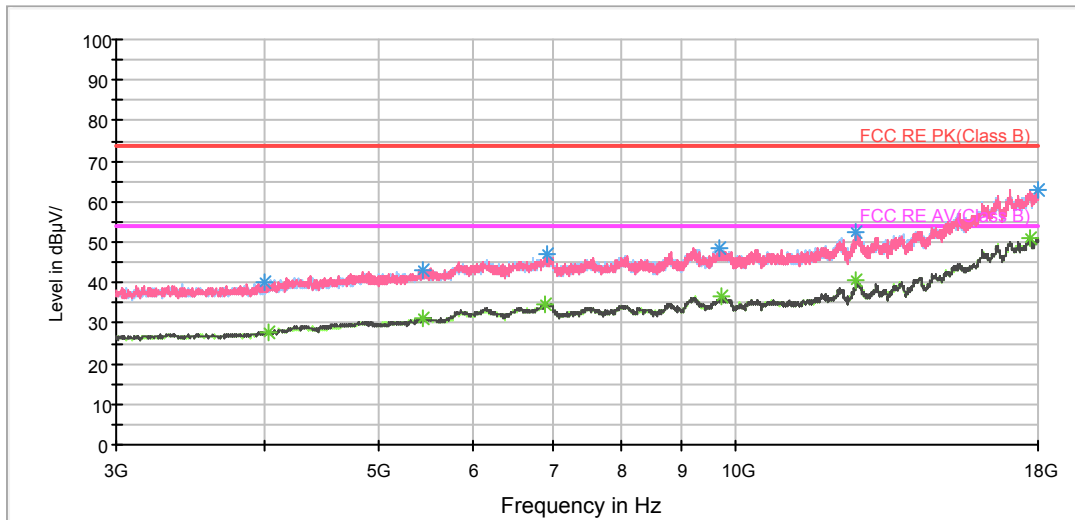
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1186.250000	43.8	200.0	V	172.0	51.9	-8.1	30.2	74
1247.250000	56.8	200.0	H	143.0	64.8	-8.0	17.2	74
1327.250000	51.3	200.0	V	182.0	58.7	-7.4	22.7	74
1679.750000	43.1	101.0	V	112.0	48.2	-5.1	30.9	74
1994.250000	50.8	200.0	V	172.0	54.0	-3.2	23.2	74
2665.750000	59.1	200.0	V	182.0	58.8	0.3	14.9	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1199.750000	29.8	101.0	V	200.0	38.0	-8.2	24.2	54
1247.000000	34.2	200.0	H	143.0	42.2	-8.0	19.8	54
1697.750000	31.9	100.0	H	86.0	36.9	-5.0	22.1	54
1994.250000	33.8	200.0	V	172.0	37.0	-3.2	20.2	54
2665.750000	37.3	200.0	V	182.0	37.0	0.3	16.7	54
2999.750000	39.6	200.0	H	318.0	37.3	2.3	14.4	54

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

RE 3-18GHz PK+AV



Radiates Emission from 3GHz to 18GHz

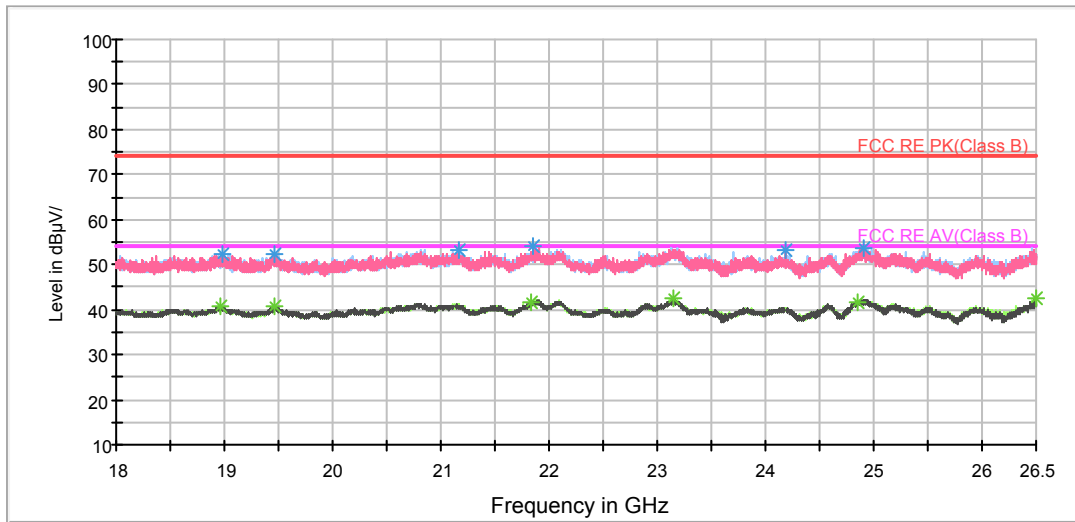
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
4006.875000	40.2	150.0	H	280.0	41.3	-1.1	33.8	74
5435.625000	43.0	150.0	V	174.0	40.1	2.9	31.0	74
6937.500000	47.1	150.0	H	0.0	41.0	6.1	26.9	74
9671.250000	48.4	150.0	V	101.0	38.9	9.5	25.6	74
12643.125000	52.7	150.0	V	27.0	38.3	14.4	21.3	74
17998.125000	62.8	150.0	V	82.0	37.4	25.4	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)
4038.750000	27.9	150.0	H	188.0	28.9	-1.0	26.1	54
5435.625000	31.2	150.0	V	174.0	28.3	2.9	22.8	54
6907.500000	34.6	150.0	H	261.0	28.4	6.2	19.4	54
9738.750000	36.6	150.0	H	280.0	26.6	10.0	17.4	54
12641.250000	40.6	150.0	H	261.0	26.1	14.5	13.4	54
17711.250000	51.2	150.0	V	101.0	26.5	24.7	2.8	54

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

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18976.437500	52.2	202.0	V	5.0	52.3	-0.1	21.8	74
19454.562500	52.1	202.0	V	0.0	52.1	0.0	21.9	74
21168.375000	53.3	202.0	V	100.0	54.8	-1.5	20.7	74
21852.625000	53.9	202.0	H	177.0	55.7	-1.8	20.1	74
24178.437500	53.1	202.0	V	141.0	53.8	-0.7	20.9	74
24907.312500	53.7	202.0	H	167.0	53.1	0.6	20.3	74

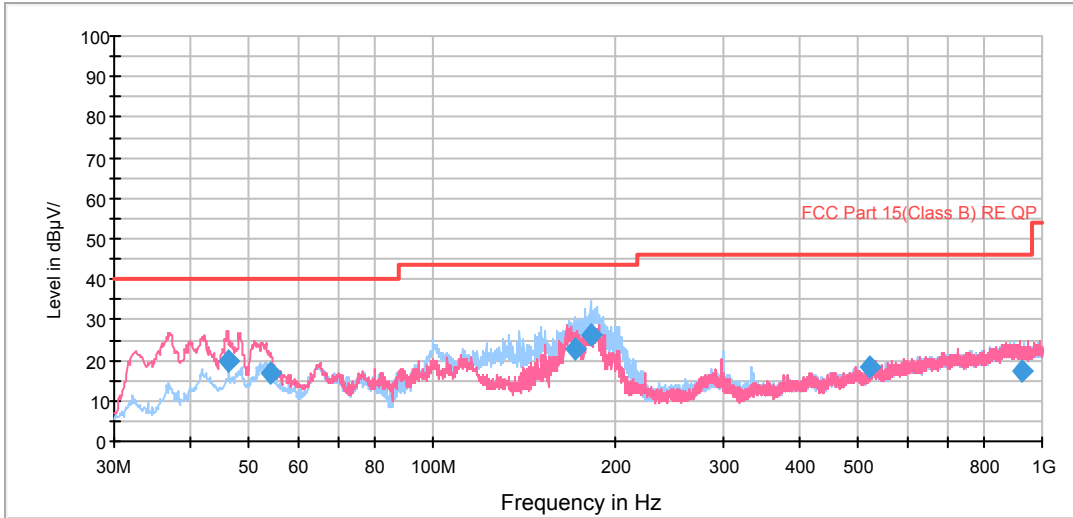
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18972.187500	40.6	202.0	H	95.0	40.7	-0.1	13.4	54
19455.625000	40.8	202.0	V	0.0	40.8	0.0	13.2	54
21835.625000	41.7	202.0	H	180.0	43.6	-1.9	12.3	54
23152.062500	42.4	202.0	H	0.0	42.5	-0.1	11.6	54
24843.562500	41.5	202.0	H	149.0	41.2	0.3	12.5	54
26492.562500	42.4	202.0	H	0.0	41.3	1.1	11.6	54

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

802.11b CH10

RE 30M-1GHz QP

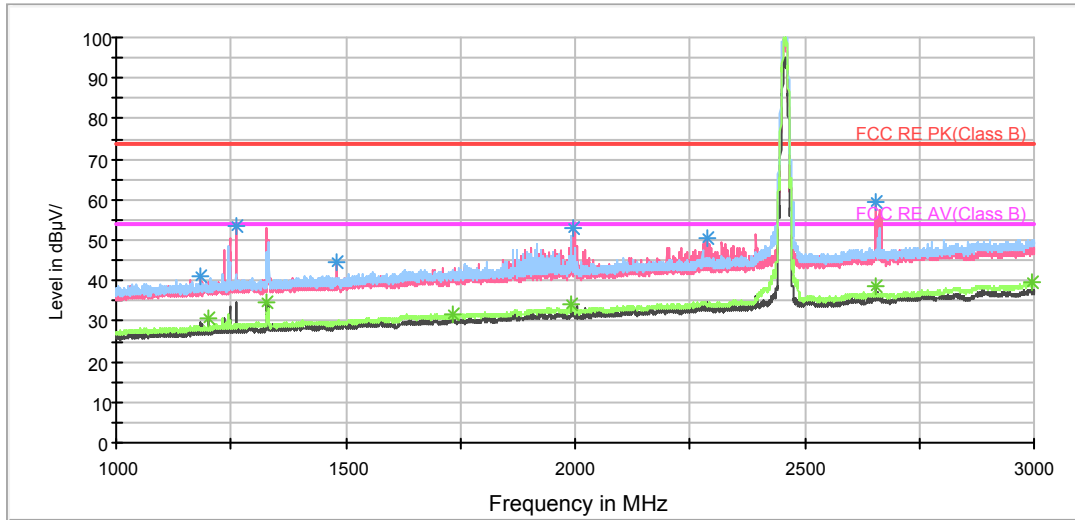


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
46.049988	19.9	121.0	V	112.0	40.4	-20.5	20.1	40.0
54.033428	17.0	125.0	V	235.0	37.9	-20.9	23.0	40.0
170.823375	23.0	175.0	H	314.0	51.3	-28.3	20.5	43.5
181.746700	26.0	175.0	H	292.0	53.9	-27.9	17.5	43.5
519.749250	18.2	100.0	H	346.0	37.2	-19.0	27.8	46.0
924.012000	17.3	100.0	V	248.0	30.3	-13.0	28.7	46.0

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

RE 1G-3GHz PK+AV



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1184.500000	41.1	200.0	V	237.0	49.2	-8.1	32.9	74
1260.500000	53.5	200.0	V	181.0	61.3	-7.8	20.5	74
1479.250000	44.4	200.0	V	172.0	50.9	-6.5	29.6	74
1996.000000	52.8	100.0	V	179.0	56.1	-3.3	21.2	74
2287.750000	50.7	100.0	V	0.0	52.3	-1.6	23.3	74
2656.250000	59.3	200.0	V	181.0	58.9	0.4	14.7	74

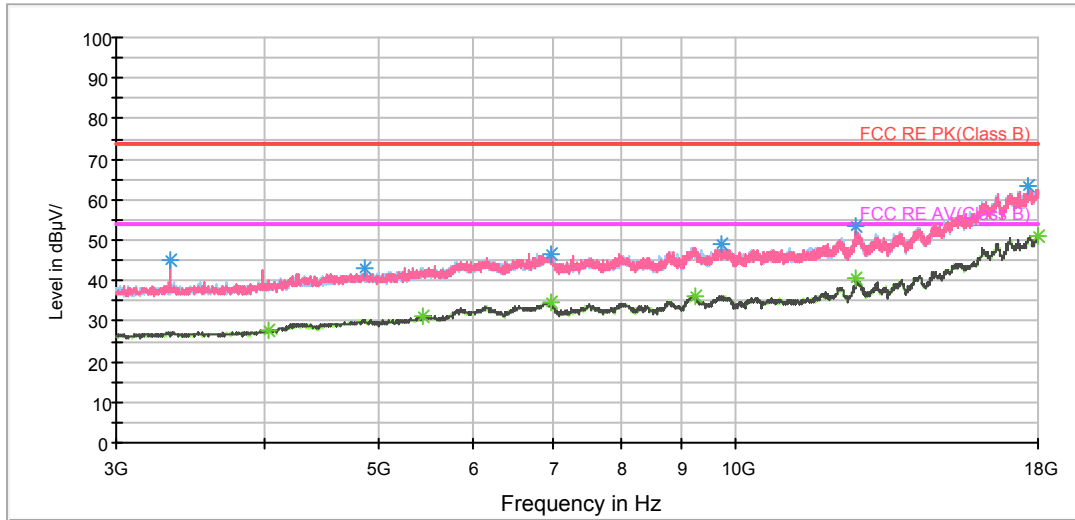
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1200.000000	30.5	100.0	V	198.0	38.7	-8.2	23.5	54
1328.250000	34.5	100.0	V	207.0	41.9	-7.4	19.5	54
1732.000000	31.8	200.0	H	183.0	36.6	-4.8	22.2	54
1992.000000	34.3	200.0	H	95.0	37.6	-3.3	19.7	54
2656.250000	38.5	200.0	V	181.0	38.1	0.4	15.5	54
2996.500000	39.5	99.0	H	95.0	37.2	2.3	14.5	54

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



RE 3-18GHz PK+AV



Radiates Emission from 3GHz to 18GHz

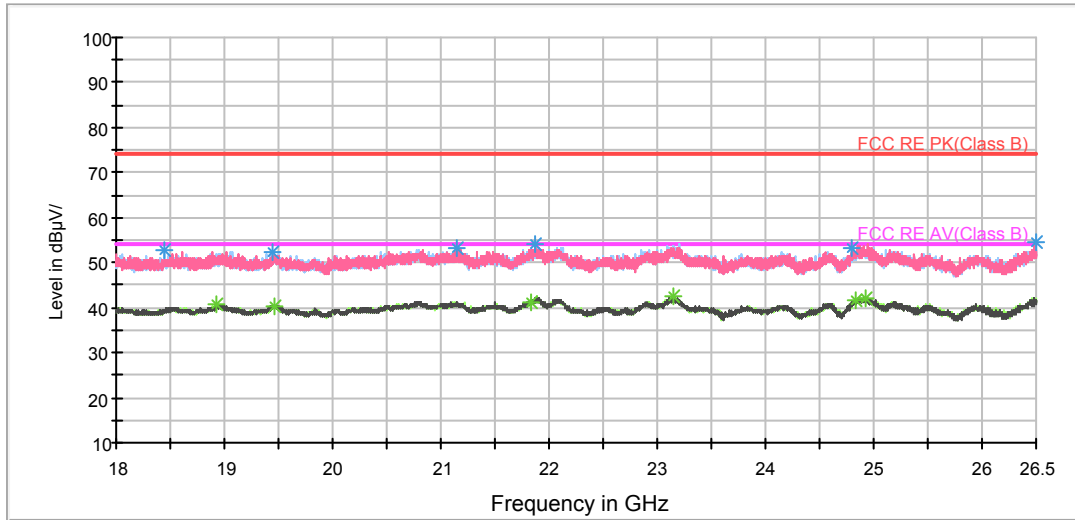
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3330.000000	45.0	150.0	V	0.0	47.2	-2.2	29.0	74
4871.250000	43.2	150.0	V	7.0	41.4	1.8	30.8	74
6993.750000	46.7	150.0	H	187.0	40.2	6.5	27.3	74
9735.000000	49.1	150.0	H	0.0	39.2	9.9	24.9	74
12643.125000	53.4	150.0	H	187.0	39.0	14.4	20.6	74
17685.000000	63.2	150.0	V	323.0	38.6	24.6	10.8	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
4035.000000	28.0	150.0	V	62.0	29.0	-1.0	26.0	54
5445.000000	31.3	150.0	V	116.0	28.4	2.9	22.7	54
6993.750000	34.7	150.0	V	0.0	28.2	6.5	19.3	54
9236.250000	36.4	150.0	H	334.0	26.5	9.9	17.6	54
12639.375000	40.4	150.0	H	0.0	25.9	14.5	13.6	54
17992.500000	51.2	150.0	V	0.0	25.9	25.3	2.8	54

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

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18446.250000	52.7	202.0	H	65.0	52.2	0.5	21.3	74
19452.437500	52.3	202.0	H	129.0	52.3	0.0	21.7	74
21152.437500	53.3	202.0	V	66.0	54.7	-1.4	20.7	74
21879.187500	54.2	202.0	V	0.0	55.9	-1.7	19.8	74
24800.000000	53.0	202.0	H	180.0	52.9	0.1	21.0	74
26497.875000	54.6	202.0	H	111.0	53.5	1.1	19.4	74

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

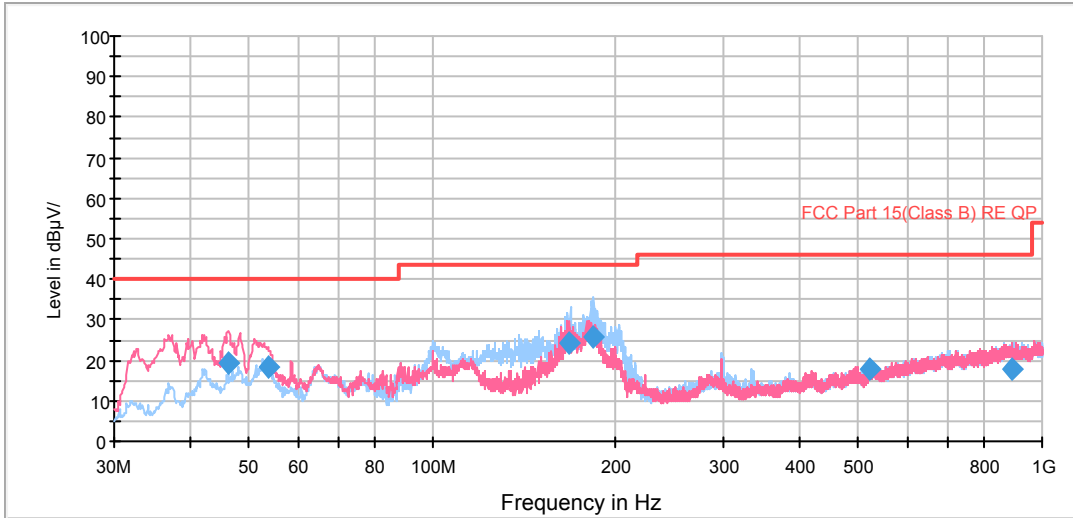
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18931.812500	40.5	202.0	H	74.0	40.4	0.1	13.5	54
19460.937500	40.5	202.0	V	0.0	40.4	0.1	13.5	54
21828.187500	41.4	202.0	H	165.0	43.3	-1.9	12.6	54
23157.375000	42.5	202.0	V	113.0	42.6	-0.1	11.5	54
24842.500000	41.6	202.0	H	180.0	41.3	0.3	12.4	54
24916.875000	42.3	202.0	V	48.0	41.6	0.7	11.7	54

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



802.11g CH1

RE 30M-1GHz QP

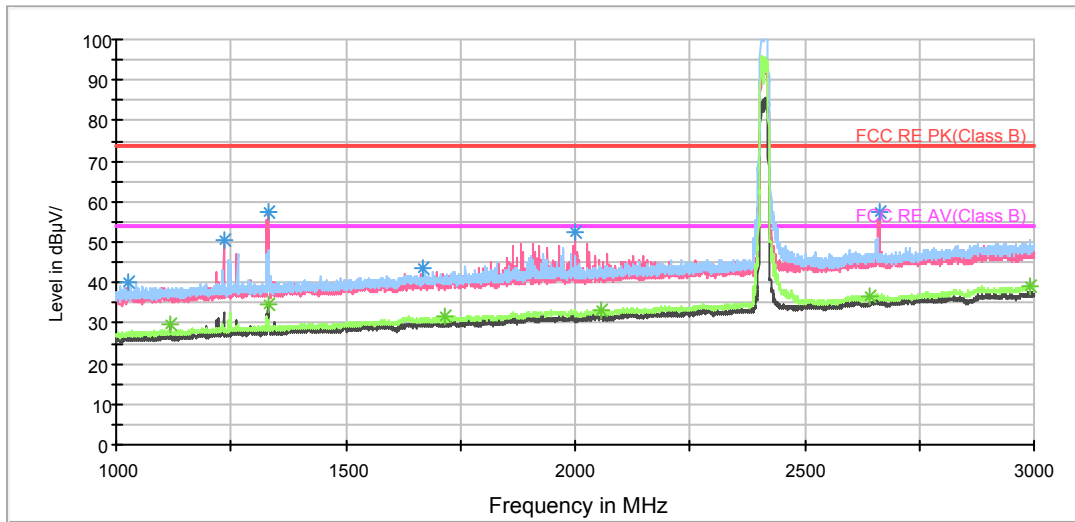


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
46.130934	19.1	120.0	V	35.0	39.6	-20.5	20.9	40.0
53.751534	18.5	120.0	V	187.0	39.3	-20.8	21.5	40.0
167.683490	24.1	225.0	H	298.0	52.4	-28.3	19.4	43.5
184.007531	25.7	125.0	H	311.0	53.3	-27.6	17.8	43.5
519.749250	18.0	100.0	H	227.0	37.0	-19.0	28.0	46.0
891.126750	18.0	275.0	H	344.0	30.6	-12.6	28.0	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



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

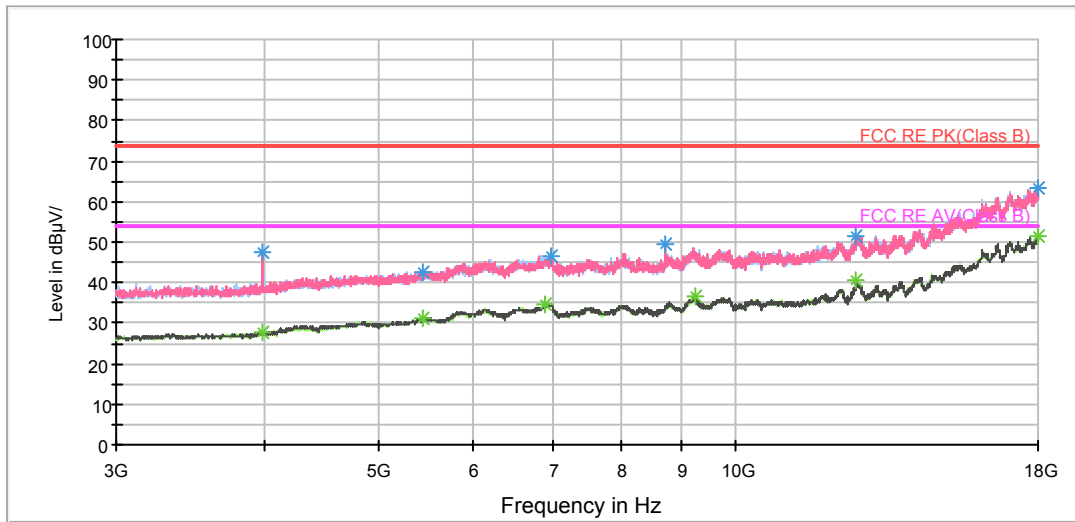
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1024.750000	39.9	150.0	V	219.0	49.0	-9.1	34.1	74
1233.750000	50.7	150.0	V	50.0	58.5	-7.8	23.3	74
1329.750000	57.2	150.0	V	0.0	64.6	-7.4	16.8	74
1668.250000	43.4	150.0	H	69.0	48.5	-5.1	30.6	74
1999.500000	52.5	150.0	V	201.0	55.9	-3.4	21.5	74
2663.250000	57.2	150.0	V	274.0	56.9	0.3	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)
1119.750000	29.6	150.0	V	237.0	38.1	-8.5	24.4	54
1329.750000	34.7	150.0	V	0.0	42.1	-7.4	19.3	54
1718.250000	31.6	150.0	H	31.0	36.5	-4.9	22.4	54
2056.750000	33.3	150.0	H	52.0	36.5	-3.2	20.7	54
2642.750000	36.8	150.0	H	89.0	36.6	0.2	17.2	54
2990.000000	39.3	150.0	H	0.0	37.1	2.2	14.7	54

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

RE 3-18GHz PK+AV



Radiates Emission from 3GHz to 18GHz

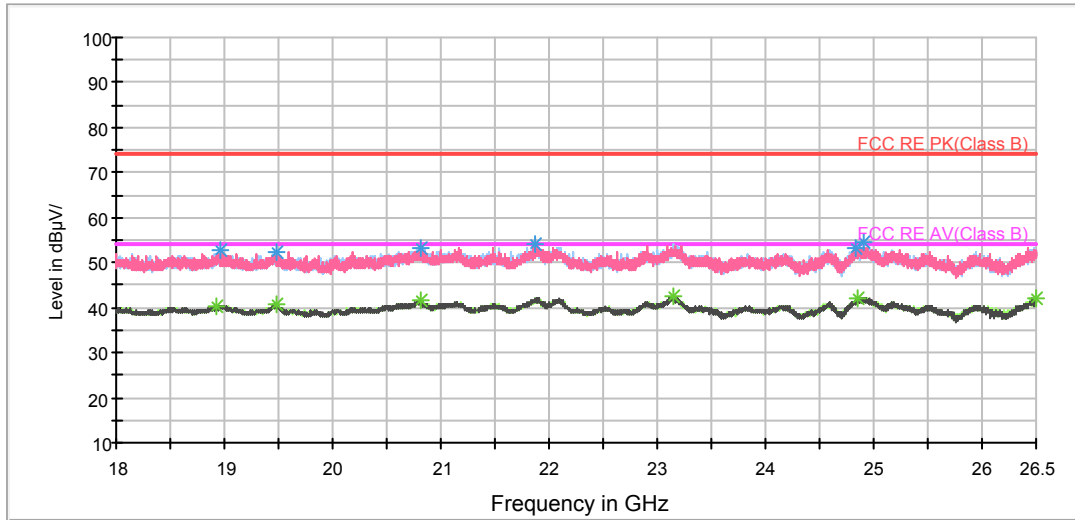
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3984.375000	47.7	150.0	V	174.0	48.7	-1.0	26.3	74
5439.375000	42.6	150.0	H	279.0	39.7	2.9	31.4	74
6976.875000	46.7	150.0	V	0.0	40.4	6.3	27.3	74
8720.625000	49.3	150.0	V	98.0	41.1	8.2	24.7	74
12641.250000	51.7	150.0	V	8.0	37.2	14.5	22.3	74
17983.125000	63.1	150.0	H	279.0	38.1	25.0	10.9	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3984.375000	28.0	150.0	V	174.0	29.0	-1.0	26.0	54
5445.000000	31.0	150.0	H	16.0	28.1	2.9	23.0	54
6903.750000	34.7	150.0	H	334.0	28.4	6.3	19.3	54
9238.125000	36.5	150.0	H	168.0	26.6	9.9	17.5	54
12641.250000	40.5	150.0	V	8.0	26.0	14.5	13.5	54
18000.000000	51.3	150.0	H	352.0	25.8	25.5	2.7	54

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

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18969.000000	52.7	202.0	H	141.0	52.8	-0.1	21.3	74
19485.375000	52.3	202.0	H	177.0	52.2	0.1	21.7	74
20812.437500	53.3	202.0	H	66.0	55.3	-2.0	20.7	74
21870.687500	54.1	202.0	H	75.0	55.8	-1.7	19.9	74
24834.000000	53.3	202.0	V	29.0	53.1	0.2	20.7	74
24914.750000	54.7	202.0	H	180.0	54.0	0.7	19.3	74

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

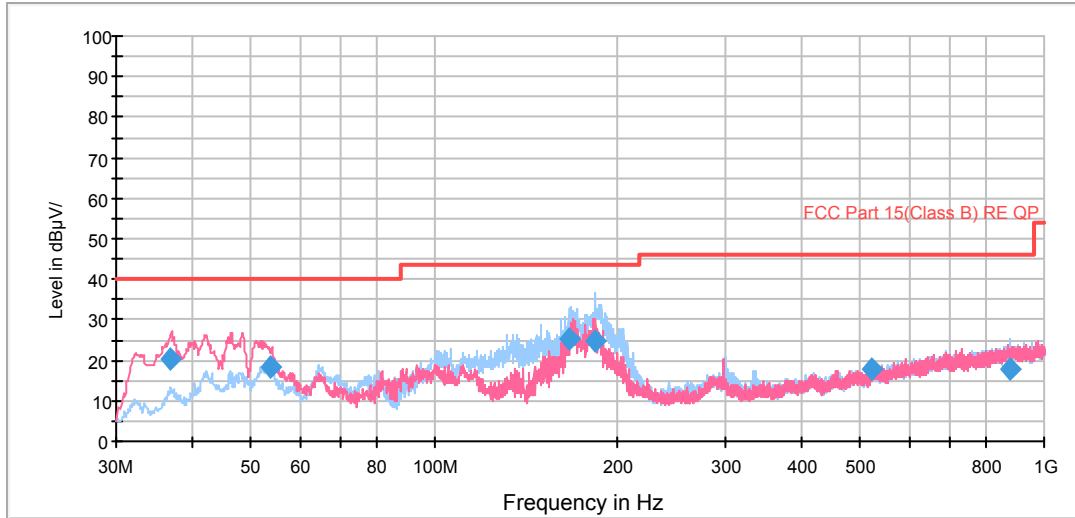
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18926.500000	40.5	202.0	V	103.0	40.4	0.1	13.5	54
19474.750000	40.7	202.0	V	152.0	40.6	0.1	13.3	54
20807.125000	41.5	202.0	H	94.0	43.5	-2.0	12.5	54
23148.875000	42.5	202.0	V	103.0	42.6	-0.1	11.5	54
24843.562500	42.0	202.0	H	180.0	41.7	0.3	12.0	54
26492.562500	42.3	202.0	H	27.0	41.2	1.1	11.7	54

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



802.11g CH6

RE 30M-1GHz QP

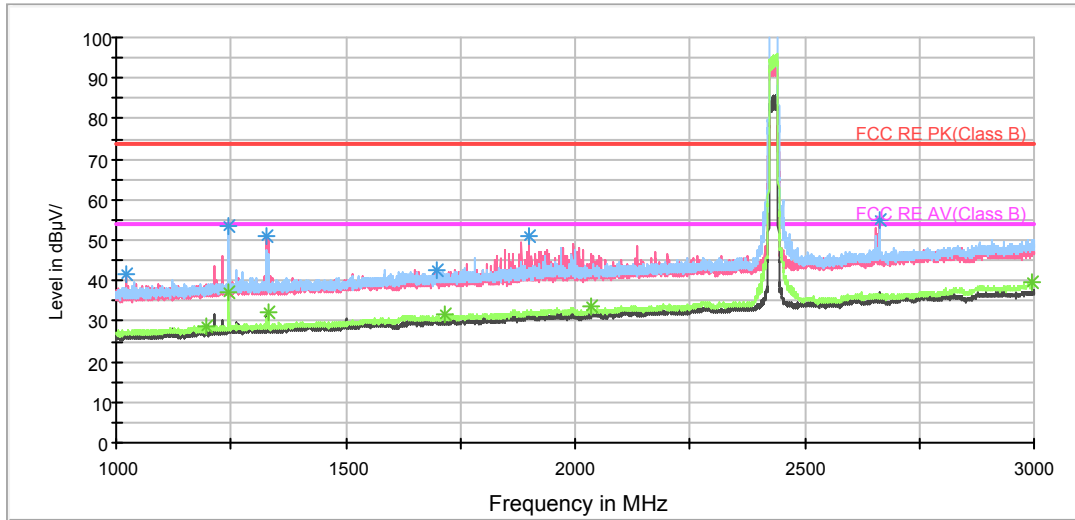


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
36.939919	20.4	100.0	V	0.0	42.5	-22.1	19.6	40.0
53.872481	18.1	120.0	V	249.0	38.9	-20.8	21.9	40.0
166.753075	25.1	175.0	H	291.0	53.4	-28.3	18.4	43.5
183.363744	24.7	200.0	H	324.0	52.4	-27.7	18.8	43.5
519.748500	18.0	100.0	H	278.0	37.0	-19.0	28.0	46.0
880.680500	17.6	209.0	H	218.0	30.5	-12.9	28.4	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



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1020.750000	41.4	150.0	V	222.0	50.5	-9.1	32.6	74
1245.750000	53.6	150.0	H	266.0	61.6	-8.0	20.4	74
1328.000000	51.1	150.0	V	30.0	58.5	-7.4	22.9	74
1698.250000	42.6	150.0	H	54.0	47.6	-5.0	31.4	74
1898.000000	50.9	150.0	V	168.0	54.7	-3.8	23.1	74
2663.500000	55.0	150.0	V	195.0	54.7	0.3	19.0	74

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

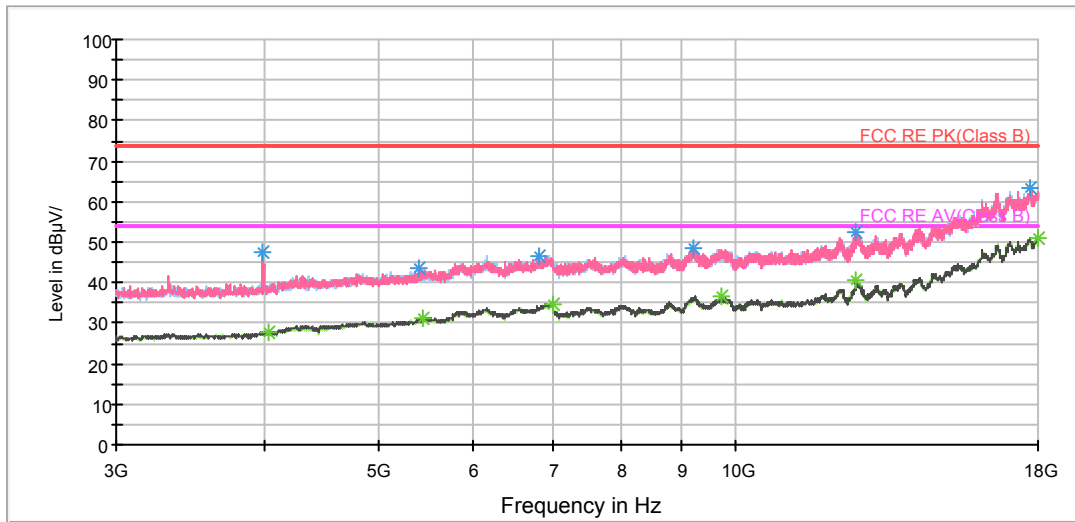
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1194.750000	28.7	150.0	V	258.0	36.9	-8.2	25.3	54
1245.750000	37.1	150.0	H	266.0	45.1	-8.0	16.9	54
1332.000000	32.3	150.0	V	50.0	39.7	-7.4	21.7	54
1717.500000	31.6	150.0	H	54.0	36.5	-4.9	22.4	54
2036.500000	33.5	150.0	H	43.0	36.8	-3.3	20.5	54
2994.500000	39.4	150.0	H	0.0	37.1	2.3	14.6	54

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





RE 3-18GHz PK+AV



Radiates Emission from 3GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3986.250000	47.3	150.0	V	155.0	48.3	-1.0	26.7	74
5405.625000	43.3	150.0	V	100.0	40.7	2.6	30.7	74
6832.500000	46.6	150.0	H	355.0	40.7	5.9	27.4	74
9226.875000	48.6	150.0	H	209.0	38.7	9.9	25.4	74
12635.625000	52.3	150.0	H	282.0	38.2	14.1	21.7	74
17722.500000	63.2	150.0	H	95.0	38.7	24.5	10.8	74

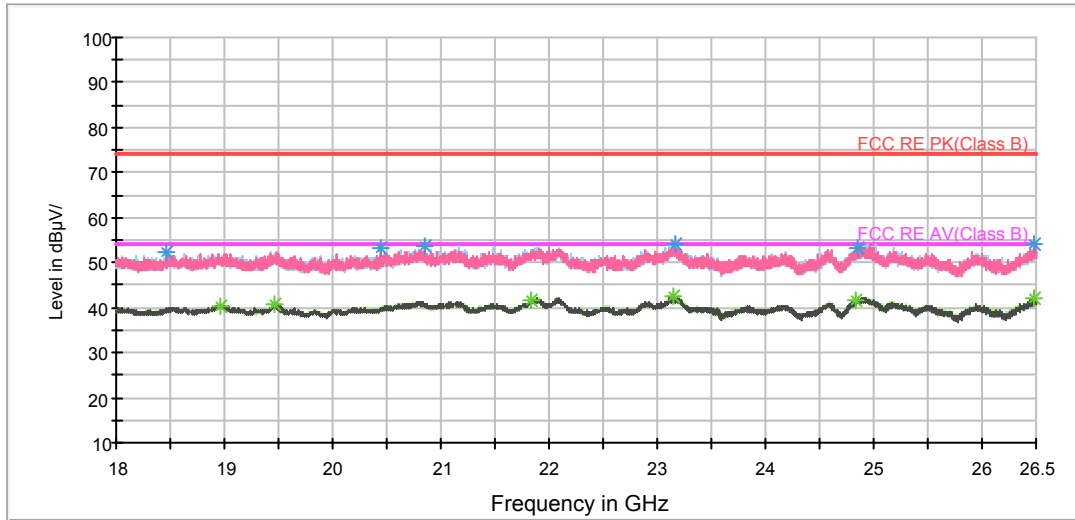
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
4031.250000	27.7	150.0	V	173.0	28.8	-1.1	26.3	54
5446.875000	31.1	150.0	V	45.0	28.3	2.8	22.9	54
6999.375000	34.6	150.0	V	0.0	28.1	6.5	19.4	54
9727.500000	36.4	150.0	V	9.0	26.7	9.7	17.6	54
12641.250000	40.4	150.0	V	0.0	25.9	14.5	13.6	54
18000.000000	51.2	150.0	H	337.0	25.7	25.5	2.8	54

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



RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18470.687500	52.1	202.0	V	142.0	51.7	0.4	21.9	74
20448.000000	53.3	202.0	V	48.0	54.2	-0.9	20.7	74
20850.687500	53.8	202.0	H	180.0	56.0	-2.2	20.2	74
23165.875000	54.2	202.0	H	157.0	54.3	-0.1	19.8	74
24843.562500	53.2	202.0	V	142.0	52.9	0.3	20.8	74
26478.750000	54.3	202.0	H	0.0	53.2	1.1	19.7	74

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

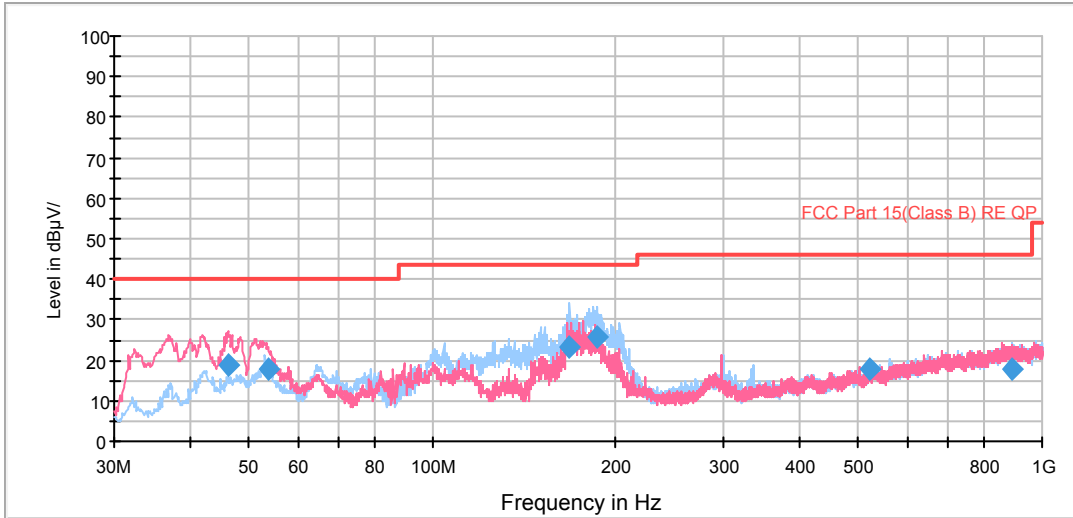
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18969.000000	40.5	202.0	H	102.0	40.6	-0.1	13.5	54
19455.625000	40.9	202.0	H	121.0	40.9	0.0	13.1	54
21837.750000	41.5	202.0	V	12.0	43.4	-1.9	12.5	54
23155.250000	42.3	202.0	V	0.0	42.4	-0.1	11.7	54
24838.250000	41.5	202.0	H	121.0	41.2	0.3	12.5	54
26487.250000	42.1	202.0	H	55.0	41.0	1.1	11.9	54

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



802.11g CH10

RE 30M-1GHz QP

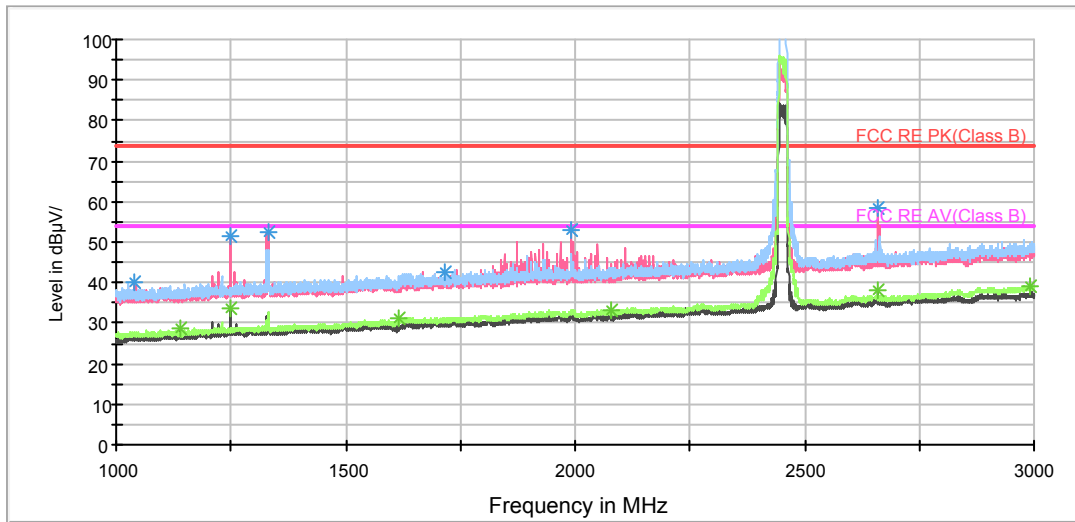


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
46.251881	18.8	121.0	V	91.0	39.3	-20.5	21.2	40.0
53.871534	17.8	123.0	V	283.0	38.6	-20.8	22.2	40.0
167.642544	23.5	200.0	H	299.0	51.8	-28.3	20.0	43.5
185.780788	25.5	176.0	H	111.0	52.9	-27.4	18.0	43.5
519.750500	17.7	102.0	H	132.0	36.7	-19.0	28.3	46.0
890.983000	17.9	225.0	H	31.0	30.5	-12.6	28.1	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



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

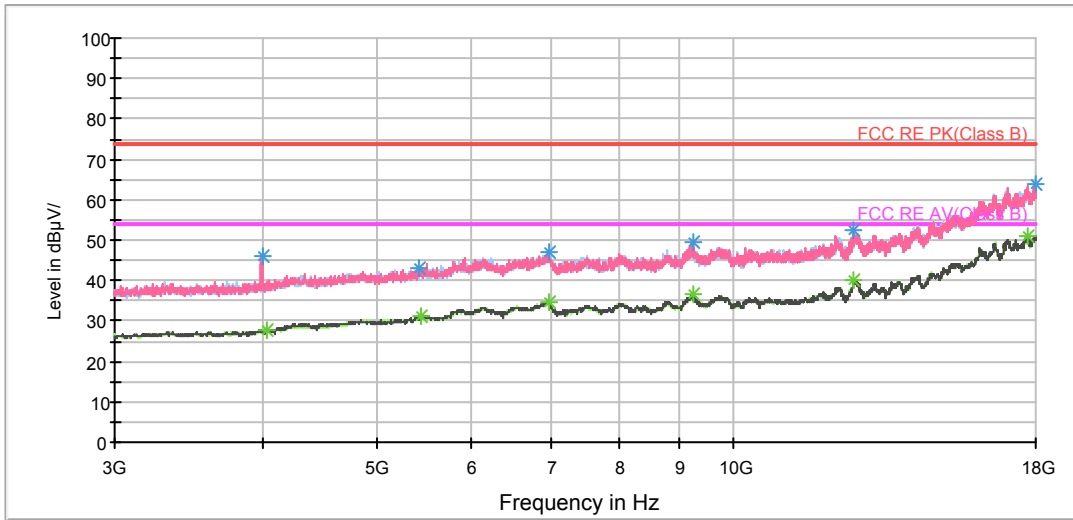
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1038.750000	40.1	150.0	V	50.0	49.2	-9.1	33.9	74
1250.250000	51.5	150.0	V	161.0	59.5	-8.0	22.5	74
1331.000000	52.5	150.0	V	0.0	59.9	-7.4	21.5	74
1717.750000	42.7	150.0	H	0.0	47.6	-4.9	31.3	74
1991.250000	52.9	150.0	V	179.0	56.2	-3.3	21.1	74
2661.250000	58.6	150.0	V	188.0	58.3	0.3	15.4	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)
1140.000000	28.7	150.0	V	216.0	37.3	-8.6	25.3	54
1250.250000	33.5	150.0	V	161.0	41.5	-8.0	20.5	54
1617.750000	31.3	150.0	H	40.0	36.3	-5.0	22.7	54
2078.750000	33.1	150.0	H	0.0	36.1	-3.0	20.9	54
2661.250000	38.3	150.0	V	188.0	38.0	0.3	15.7	54
2989.750000	39.3	150.0	H	0.0	37.1	2.2	14.7	54

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

RE 3-18GHz PK+AV



Radiates Emission from 3GHz to 18GHz

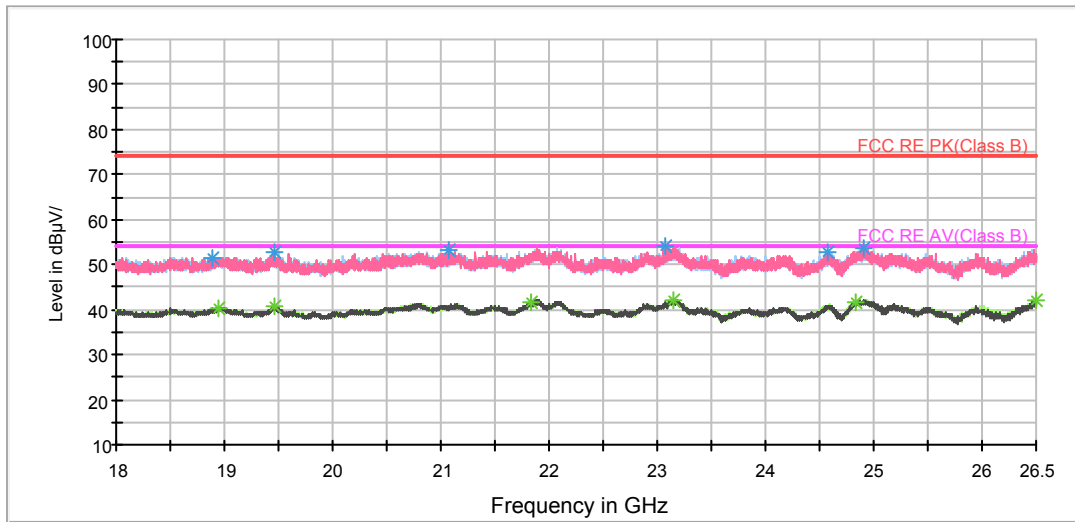
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3995.625000	46.2	150.0	V	99.0	47.3	-1.1	27.8	74
5415.000000	42.8	150.0	V	117.0	40.2	2.6	31.2	74
6986.250000	46.9	150.0	H	0.0	40.5	6.4	27.1	74
9230.625000	49.5	150.0	H	335.0	39.6	9.9	24.5	74
12641.250000	52.4	150.0	H	168.0	37.9	14.5	21.6	74
17996.250000	63.7	150.0	V	7.0	38.3	25.4	10.3	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
4035.000000	27.8	150.0	V	0.0	28.8	-1.0	26.2	54
5433.750000	31.1	150.0	H	76.0	28.3	2.8	22.9	54
6995.625000	34.6	150.0	V	44.0	28.1	6.5	19.4	54
9232.500000	36.4	150.0	H	298.0	26.5	9.9	17.6	54
12639.375000	40.3	150.0	H	261.0	25.8	14.5	13.7	54
17705.625000	51.2	150.0	H	0.0	26.5	24.7	2.8	54

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

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18889.312500	51.6	202.0	V	48.0	51.5	0.1	22.4	74
19468.375000	52.6	202.0	V	38.0	52.5	0.1	21.4	74
21081.250000	53.1	202.0	V	0.0	54.6	-1.5	20.9	74
23071.312500	54.1	202.0	H	180.0	54.2	-0.1	19.9	74
24572.625000	52.9	202.0	V	123.0	53.1	-0.2	21.1	74
24907.312500	53.7	202.0	V	18.0	53.1	0.6	20.3	74

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

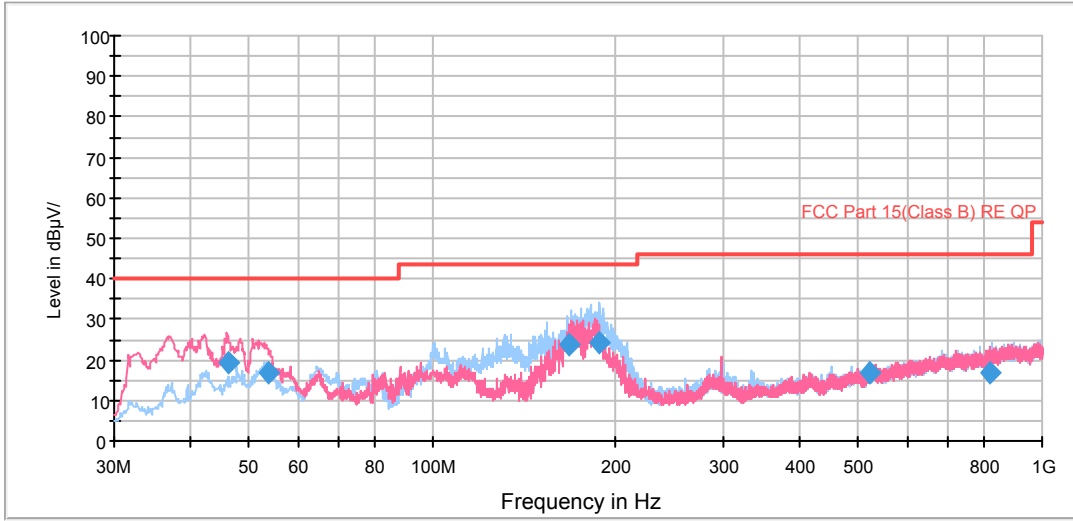
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18952.000000	40.5	202.0	H	77.0	40.5	0.0	13.5	54
19462.000000	40.6	202.0	V	0.0	40.5	0.1	13.4	54
21835.625000	41.6	202.0	V	29.0	43.5	-1.9	12.4	54
23154.187500	42.2	202.0	V	104.0	42.3	-0.1	11.8	54
24842.500000	41.6	202.0	V	153.0	41.3	0.3	12.4	54
26498.937500	42.3	202.0	H	180.0	41.2	1.1	11.7	54

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

**MIMO**

**802.11n (HT20) CH1**

RE 30M-1GHz QP

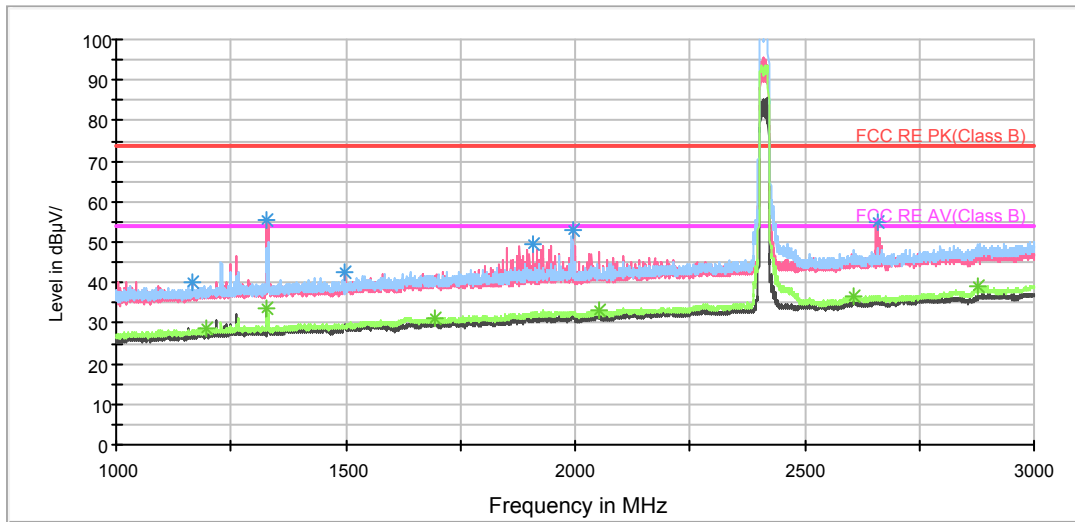


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
46.120013	19.3	125.0	V	106.0	39.8	-20.5	20.7	40.0
53.872481	16.7	118.0	V	207.0	37.5	-20.8	23.3	40.0
167.804438	23.6	202.0	H	278.0	51.9	-28.3	19.9	43.5
187.760672	24.4	100.0	H	128.0	51.7	-27.3	19.1	43.5
519.749250	17.0	201.0	V	123.0	36.0	-19.0	29.0	46.0
823.941250	16.6	201.0	H	141.0	30.3	-13.7	29.4	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



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1164.500000	40.3	150.0	V	139.0	48.5	-8.2	33.7	74
1328.000000	55.4	150.0	V	0.0	62.8	-7.4	18.6	74
1499.750000	42.6	150.0	V	280.0	49.3	-6.7	31.4	74
1909.500000	49.6	150.0	V	185.0	53.4	-3.8	24.4	74
1996.750000	52.8	150.0	V	202.0	56.1	-3.3	21.2	74
2657.500000	54.9	150.0	V	185.0	54.5	0.4	19.1	74

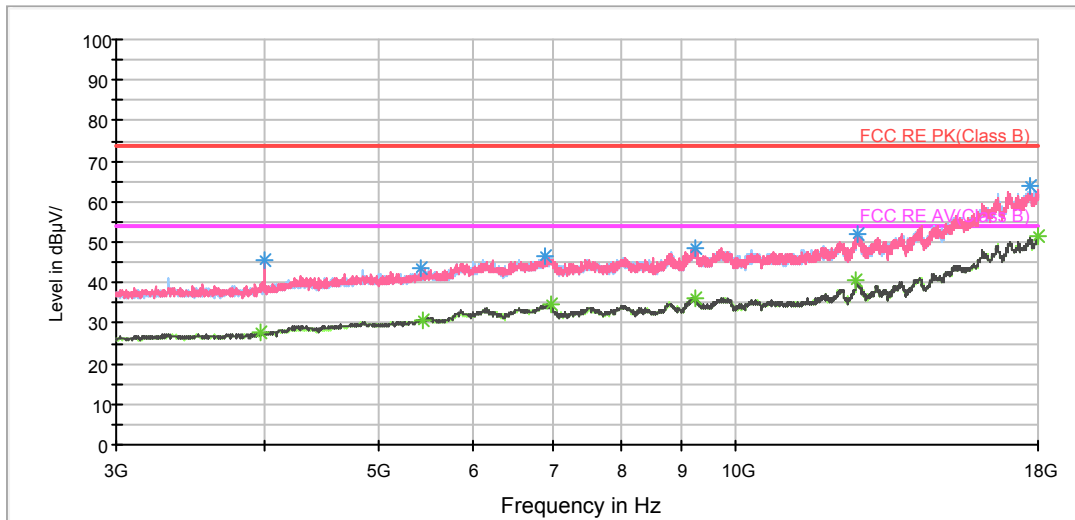
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1197.250000	28.8	150.0	V	211.0	37.0	-8.2	25.2	54
1328.000000	33.7	150.0	V	0.0	41.1	-7.4	20.3	54
1693.750000	31.4	150.0	H	31.0	36.4	-5.0	22.6	54
2052.500000	33.0	150.0	H	12.0	36.2	-3.2	21.0	54
2608.750000	36.7	150.0	H	0.0	36.5	0.2	17.3	54
2877.750000	39.0	150.0	H	98.0	36.7	2.3	15.0	54

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



RE 3-18GHz PK+AV



Radiates Emission from 3GHz to 18GHz

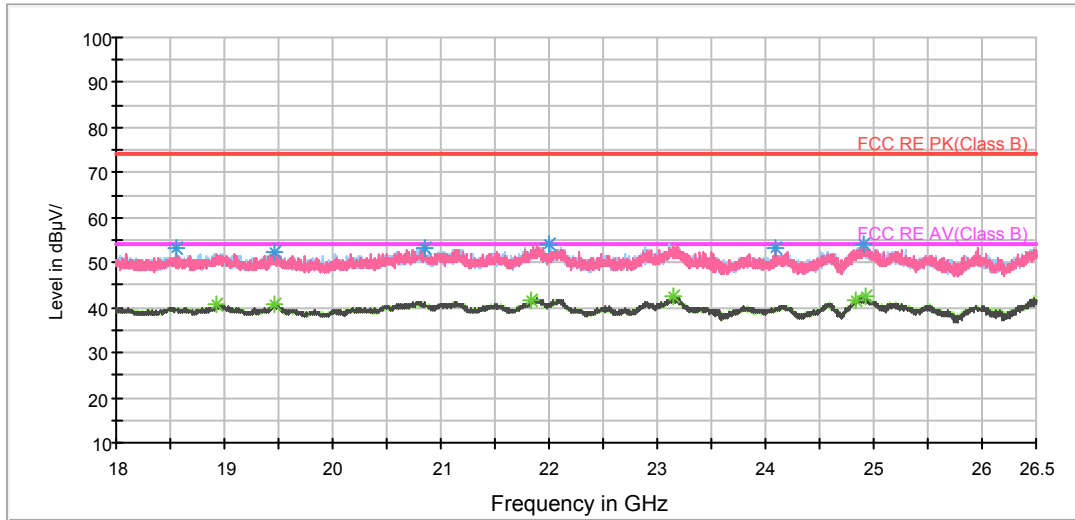
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3997.500000	45.8	150.0	V	173.0	46.9	-1.1	28.2	74
5426.250000	43.6	150.0	V	7.0	40.8	2.8	30.4	74
6896.250000	46.6	150.0	H	150.0	40.4	6.2	27.4	74
9234.375000	48.6	150.0	H	0.0	38.7	9.9	25.4	74
12684.375000	51.9	150.0	H	0.0	37.7	14.2	22.1	74
17711.250000	63.8	150.0	H	0.0	39.1	24.7	10.2	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3971.250000	27.8	150.0	H	242.0	28.7	-0.9	26.2	54
5439.375000	30.9	150.0	V	7.0	28.0	2.9	23.1	54
6997.500000	34.8	150.0	H	279.0	28.3	6.5	19.2	54
9238.125000	36.3	150.0	V	0.0	26.4	9.9	17.7	54
12639.375000	40.5	150.0	H	0.0	26.0	14.5	13.5	54
18000.000000	51.3	150.0	H	354.0	25.8	25.5	2.7	54

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

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18547.187500	53.0	202.0	H	94.0	52.8	0.2	21.0	74
19459.875000	52.2	202.0	H	0.0	52.1	0.1	21.8	74
20850.687500	53.4	202.0	V	0.0	55.6	-2.2	20.6	74
21996.062500	54.1	202.0	H	167.0	55.4	-1.3	19.9	74
24094.500000	53.3	202.0	V	48.0	53.8	-0.5	20.7	74
24900.937500	54.1	202.0	V	57.0	53.5	0.6	19.9	74

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

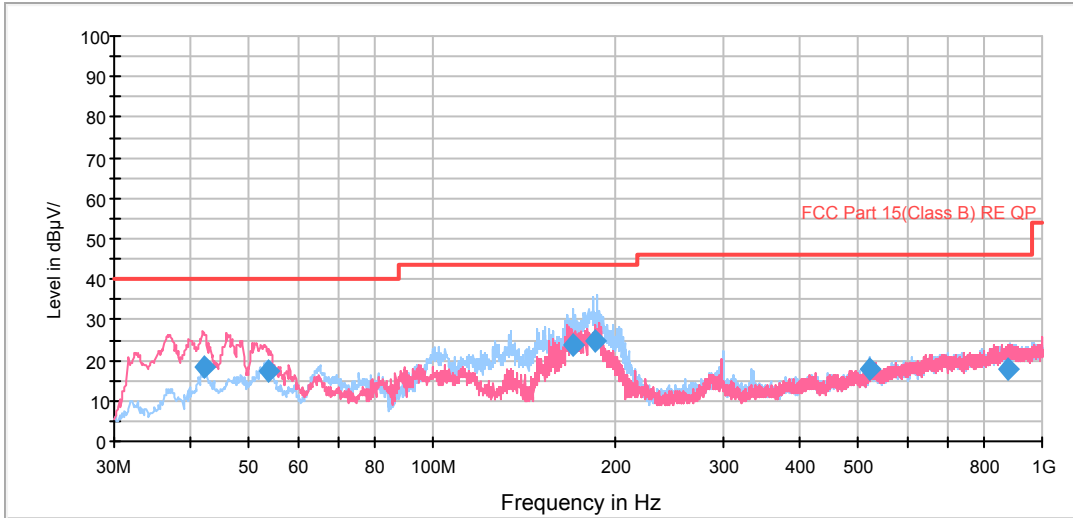
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18924.375000	40.6	202.0	V	0.0	40.5	0.1	13.4	54
19457.750000	40.7	202.0	H	167.0	40.7	0.0	13.3	54
21836.687500	41.4	202.0	V	67.0	43.3	-1.9	12.6	54
23156.312500	42.4	202.0	V	0.0	42.5	-0.1	11.6	54
24832.937500	41.8	202.0	V	3.0	41.6	0.2	12.2	54
24917.937500	42.4	202.0	V	57.0	41.7	0.7	11.6	54

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



802.11n (HT20) CH6

RE 30M-1GHz QP

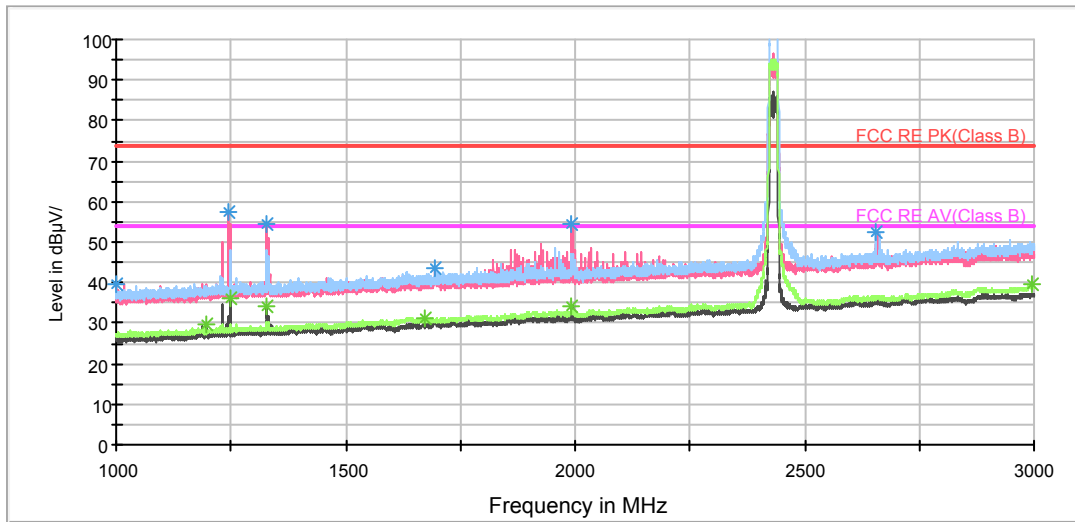


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
42.108760	18.3	175.0	V	211.0	38.7	-20.4	21.7	40.0
53.872481	17.1	125.0	V	220.0	37.9	-20.8	22.9	40.0
170.420534	23.6	175.0	H	300.0	51.9	-28.3	19.9	43.5
185.341734	24.8	100.0	H	117.0	52.2	-27.4	18.7	43.5
519.749250	17.9	100.0	H	282.0	36.9	-19.0	28.1	46.0
881.863500	17.7	175.0	H	286.0	30.6	-12.9	28.3	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



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

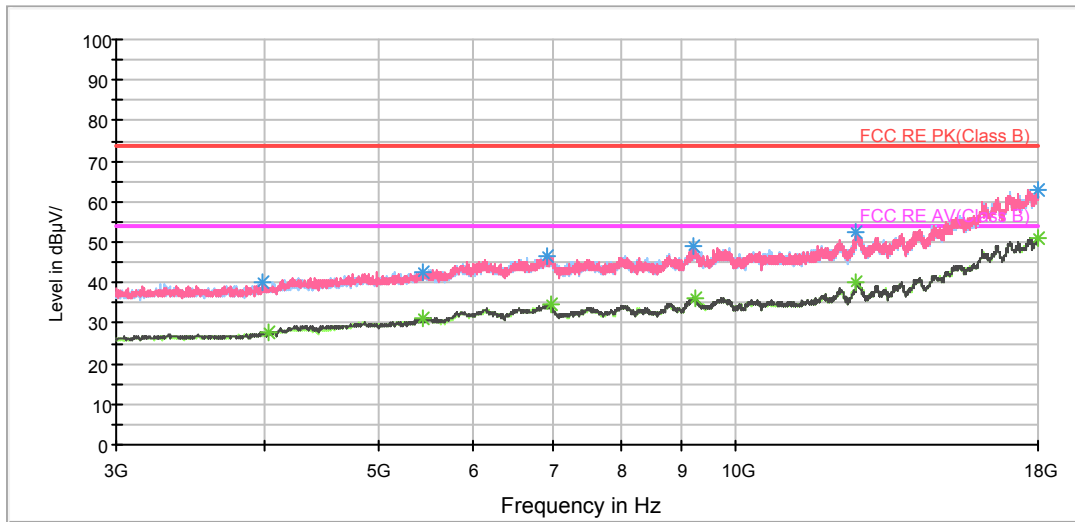
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1001.250000	39.8	150.0	V	226.0	49.0	-9.2	34.2	74
1244.000000	57.3	150.0	V	272.0	65.3	-8.0	16.7	74
1329.000000	54.4	150.0	V	0.0	61.8	-7.4	19.6	74
1696.000000	43.4	150.0	V	0.0	48.4	-5.0	30.6	74
1991.750000	54.4	150.0	V	180.0	57.7	-3.3	19.6	74
2656.250000	52.7	150.0	H	51.0	52.3	0.4	21.3	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)
1197.000000	29.7	150.0	V	245.0	37.9	-8.2	24.3	54
1248.250000	36.0	150.0	V	199.0	44.0	-8.0	18.0	54
1329.000000	34.2	150.0	V	0.0	41.6	-7.4	19.8	54
1671.500000	31.4	150.0	H	0.0	36.5	-5.1	22.6	54
1991.750000	34.1	150.0	V	180.0	37.4	-3.3	19.9	54
2997.500000	39.4	150.0	H	0.0	37.1	2.3	14.6	54

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

RE 3-18GHz PK+AV



Radiates Emission from 3GHz to 18GHz

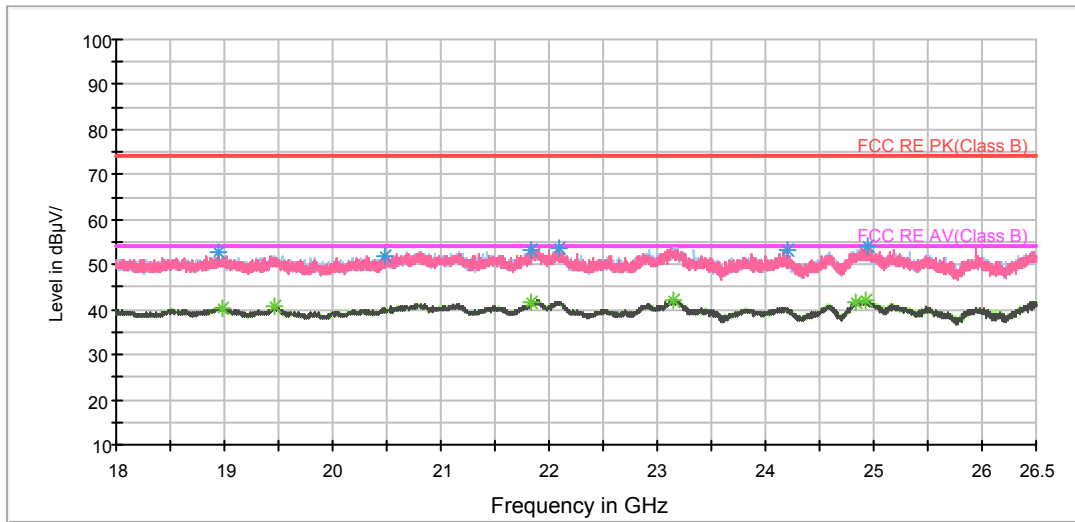
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3986.250000	40.1	150.0	V	170.0	41.1	-1.0	33.9	74
5445.000000	42.8	150.0	H	262.0	39.9	2.9	31.2	74
6939.375000	46.6	150.0	V	4.0	40.5	6.1	27.4	74
9204.375000	48.8	150.0	V	23.0	38.6	10.2	25.2	74
12652.500000	52.4	150.0	V	0.0	38.3	14.1	21.6	74
17998.125000	63.0	150.0	V	78.0	37.6	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)
4027.500000	27.7	150.0	V	96.0	28.8	-1.1	26.3	54
5435.625000	31.0	150.0	H	56.0	28.1	2.9	23.0	54
6997.500000	34.6	150.0	V	4.0	28.1	6.5	19.4	54
9230.625000	36.4	150.0	H	281.0	26.5	9.9	17.6	54
12637.500000	40.2	150.0	V	96.0	25.9	14.3	13.8	54
18000.000000	51.1	150.0	H	354.0	25.6	25.5	2.9	54

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

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18944.562500	53.0	202.0	V	66.0	53.0	0.0	21.0	74
20475.625000	52.0	202.0	V	12.0	52.9	-0.9	22.0	74
21836.687500	53.1	202.0	H	176.0	55.0	-1.9	20.9	74
22094.875000	53.8	202.0	V	132.0	55.4	-1.6	20.2	74
24199.687500	53.4	202.0	V	122.0	54.2	-0.8	20.6	74
24940.250000	53.9	202.0	H	180.0	53.1	0.8	20.1	74

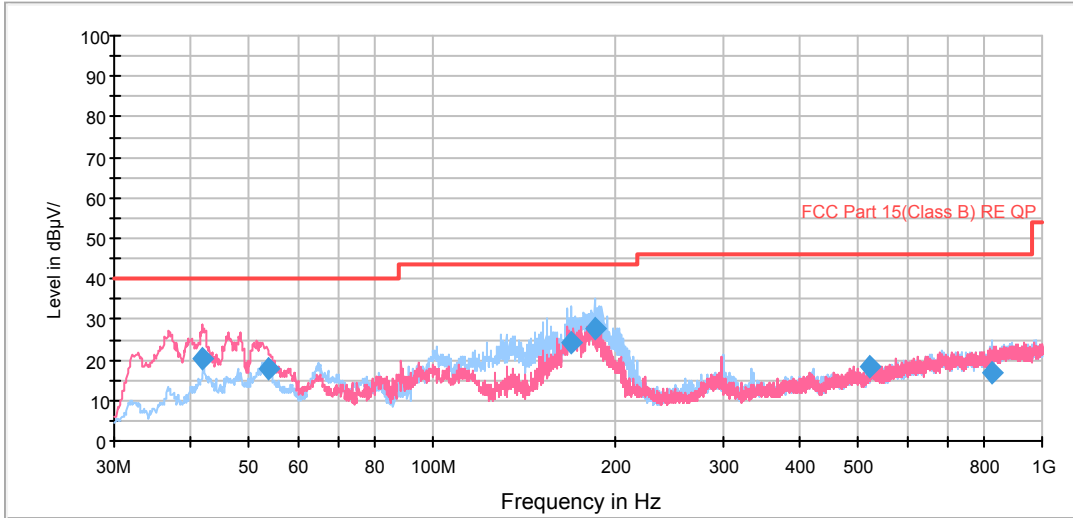
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18974.312500	40.5	202.0	H	180.0	40.6	-0.1	13.5	54
19458.812500	40.6	202.0	V	48.0	40.6	0.0	13.4	54
21839.875000	41.5	202.0	H	167.0	43.4	-1.9	12.5	54
23152.062500	42.3	202.0	V	0.0	42.4	-0.1	11.7	54
24842.500000	41.7	202.0	V	132.0	41.4	0.3	12.3	54
24916.875000	42.1	202.0	V	2.0	41.4	0.7	11.9	54

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

802.11n (HT20) CH10

RE 30M-1GHz QP

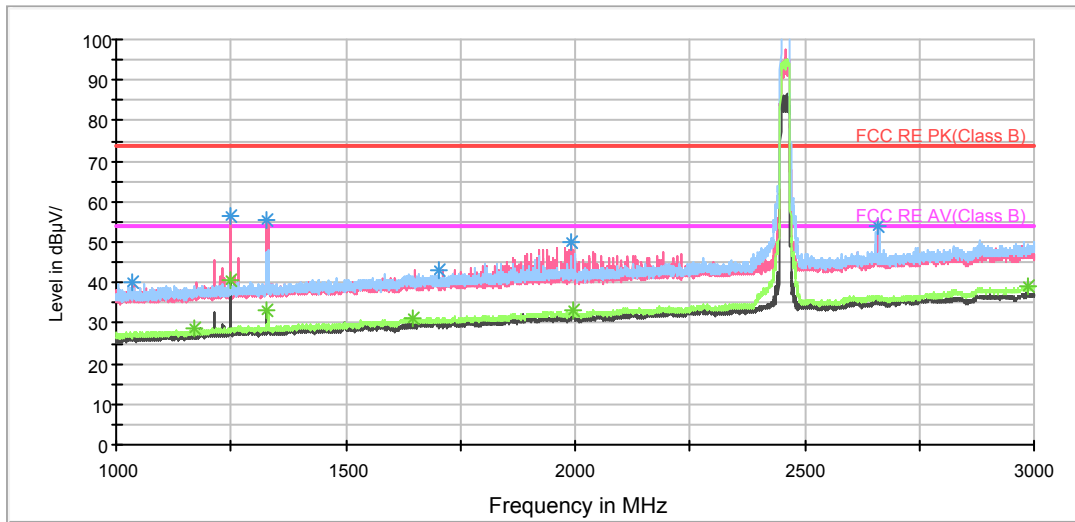


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
41.987206	20.2	125.0	V	257.0	40.5	-20.3	19.8	40.0
53.912481	17.8	125.0	V	257.0	38.7	-20.9	22.2	40.0
168.567278	24.2	200.0	H	284.0	52.5	-28.3	19.3	43.5
184.168478	27.6	175.0	H	294.0	55.2	-27.6	15.9	43.5
519.749250	18.3	100.0	H	341.0	37.3	-19.0	27.7	46.0
828.733250	16.7	175.0	H	342.0	30.5	-13.8	29.3	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



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1035.250000	40.1	150.0	V	211.0	49.2	-9.1	33.9	74
1249.250000	56.2	150.0	V	219.0	64.2	-8.0	17.8	74
1328.750000	55.4	150.0	V	0.0	62.8	-7.4	18.6	74
1704.250000	43.3	150.0	H	0.0	48.2	-4.9	30.7	74
1993.250000	49.9	150.0	V	200.0	53.2	-3.3	24.1	74
2660.250000	53.8	150.0	V	192.0	53.4	0.4	20.2	74

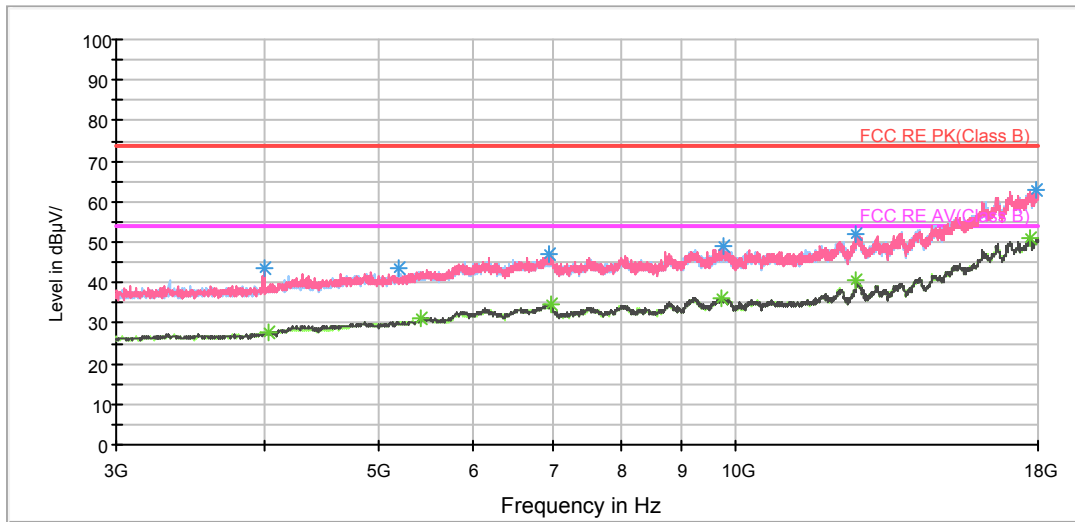
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1171.250000	28.7	150.0	H	57.0	36.8	-8.1	25.3	54
1249.250000	40.7	150.0	V	219.0	48.7	-8.0	13.3	54
1328.750000	33.2	150.0	V	0.0	40.6	-7.4	20.8	54
1644.500000	31.3	150.0	H	0.0	36.2	-4.9	22.7	54
1995.000000	33.0	150.0	H	78.0	36.2	-3.2	21.0	54
2985.250000	39.2	150.0	H	19.0	37.0	2.2	14.8	54

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



RE 3-18GHz PK+AV



Radiates Emission from 3GHz to 18GHz

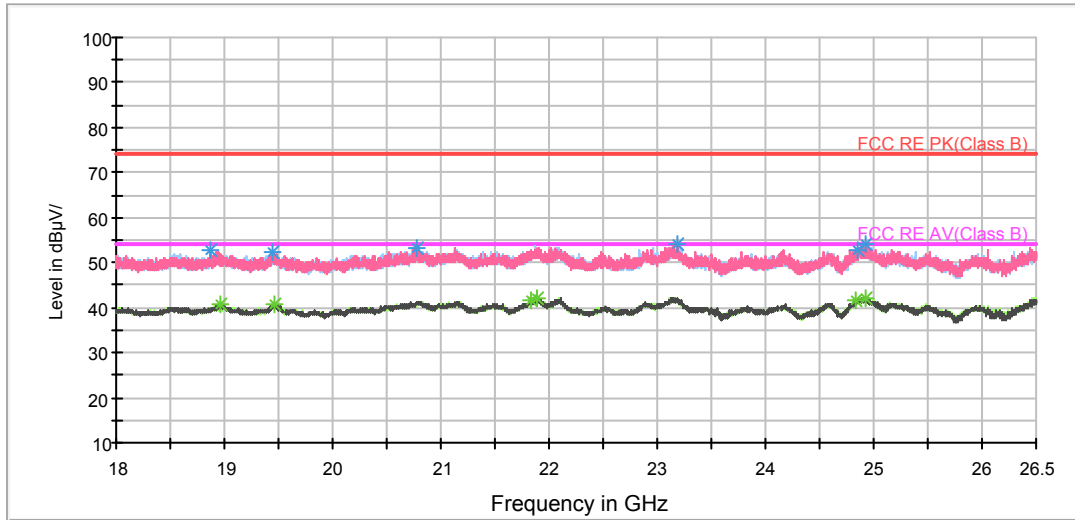
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3997.500000	43.5	150.0	V	186.0	44.6	-1.1	30.5	74
5186.250000	43.7	150.0	H	0.0	41.6	2.1	30.3	74
6965.625000	46.8	150.0	H	188.0	40.6	6.2	27.2	74
9748.125000	48.8	150.0	H	206.0	39.0	9.8	25.2	74
12637.500000	52.2	150.0	H	0.0	37.9	14.3	21.8	74
17925.000000	63.0	150.0	H	262.0	37.4	25.6	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)
4036.875000	27.5	150.0	H	188.0	28.5	-1.0	26.5	54
5416.875000	31.1	150.0	V	112.0	28.4	2.7	22.9	54
6993.750000	34.6	150.0	H	0.0	28.1	6.5	19.4	54
9738.750000	36.3	150.0	V	75.0	26.3	10.0	17.7	54
12639.375000	40.4	150.0	H	0.0	25.9	14.5	13.6	54
17720.625000	51.1	150.0	H	316.0	26.5	24.6	2.9	54

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

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18863.812500	52.6	202.0	V	48.0	52.5	0.1	21.4	74
19443.937500	52.3	202.0	V	48.0	52.3	0.0	21.7	74
20775.250000	53.4	202.0	V	66.0	55.2	-1.8	20.6	74
23176.500000	54.2	202.0	H	119.0	54.3	-0.1	19.8	74
24843.562500	52.9	202.0	V	48.0	52.6	0.3	21.1	74
24920.062500	54.2	202.0	H	180.0	53.5	0.7	19.8	74

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

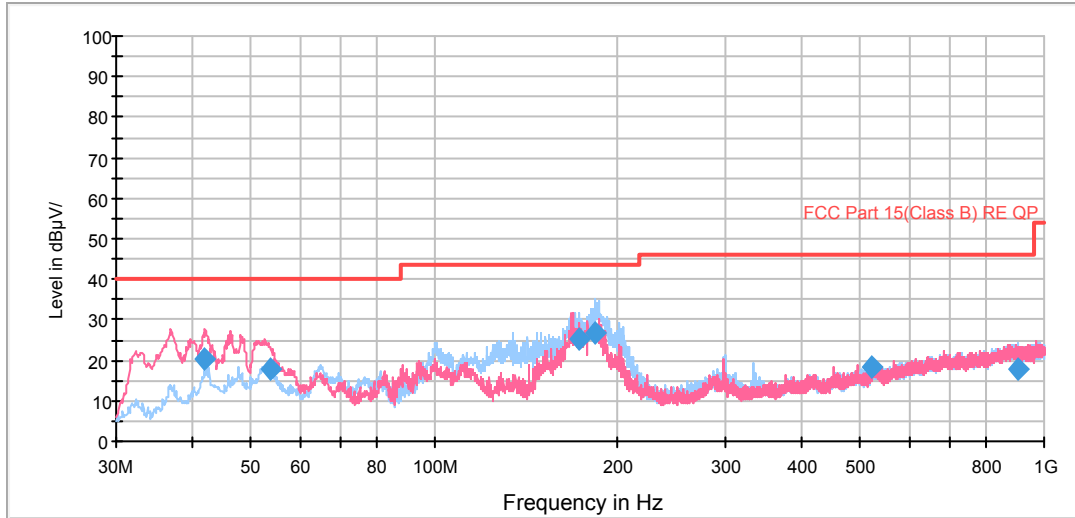
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18967.937500	40.6	202.0	V	48.0	40.7	-0.1	13.4	54
19457.750000	40.6	202.0	V	17.0	40.6	0.0	13.4	54
21830.312500	41.4	202.0	H	137.0	43.3	-1.9	12.6	54
21881.312500	42.2	202.0	V	66.0	43.9	-1.7	11.8	54
24829.750000	41.6	202.0	V	0.0	41.4	0.2	12.4	54
24916.875000	42.3	202.0	H	0.0	41.6	0.7	11.7	54

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



802.11n (HT40) CH3

RE 30M-1GHz QP

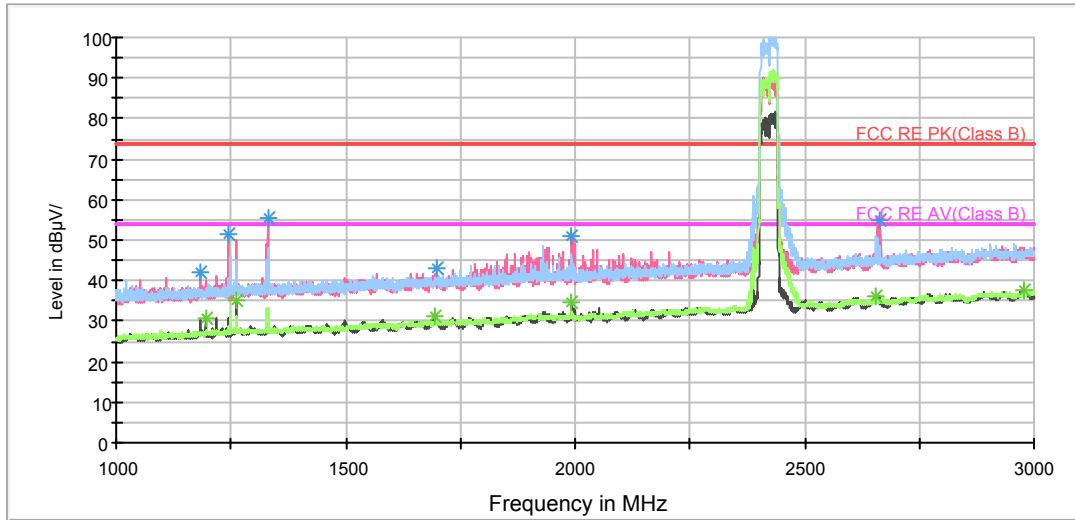


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
42.018740	20.5	125.0	V	32.0	40.8	-20.3	19.5	40.0
53.791534	17.8	120.0	V	198.0	38.6	-20.8	22.2	40.0
173.021475	25.1	175.0	H	299.0	53.6	-28.5	18.4	43.5
183.319956	26.7	175.0	H	309.0	54.4	-27.7	16.8	43.5
519.749250	18.4	100.0	H	125.0	37.4	-19.0	27.6	46.0
905.619250	17.7	100.0	H	105.0	30.6	-12.9	28.3	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



Note: The signal beyond the limit is carrier.

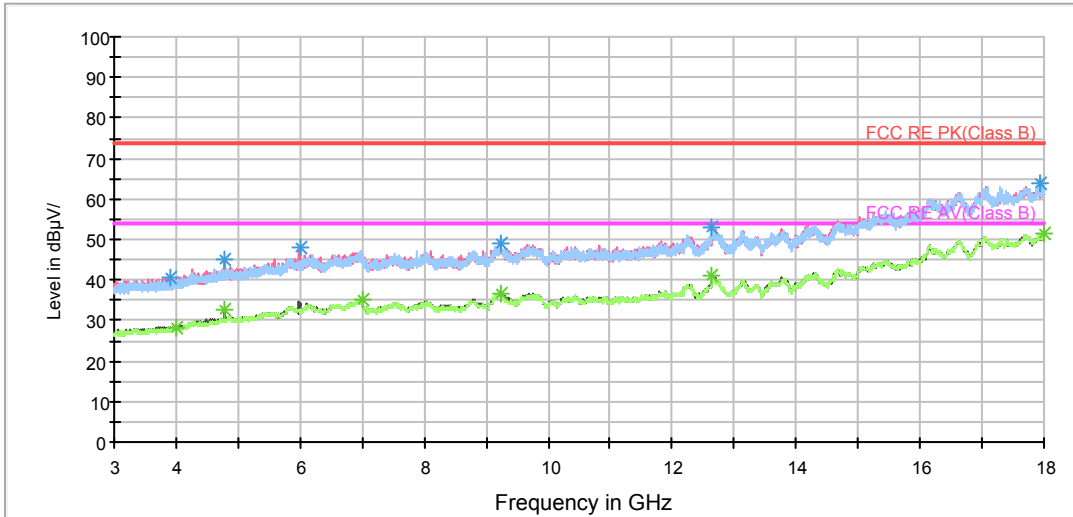
Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1183.500000	42.3	150.0	V	240.0	50.4	-8.1	31.7	74
1244.500000	51.3	150.0	V	346.0	59.3	-8.0	22.7	74
1329.750000	55.6	150.0	V	0.0	63.0	-7.4	18.4	74
1697.500000	43.2	150.0	H	0.0	48.2	-5.0	30.8	74
1993.250000	50.8	150.0	V	199.0	54.1	-3.3	23.2	74
2665.750000	55.1	150.0	V	172.0	54.8	0.3	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)
1194.500000	30.4	150.0	V	226.0	38.6	-8.2	23.6	54
1261.500000	35.0	150.0	V	163.0	42.8	-7.8	19.0	54
1694.750000	31.0	150.0	V	0.0	36.0	-5.0	23.0	54
1993.250000	34.5	150.0	V	199.0	37.8	-3.3	19.5	54
2655.750000	36.2	150.0	V	218.0	35.8	0.4	17.8	54
2978.250000	37.8	150.0	V	282.0	35.6	2.2	16.2	54

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



Radiates Emission from 3GHz to 18GHz

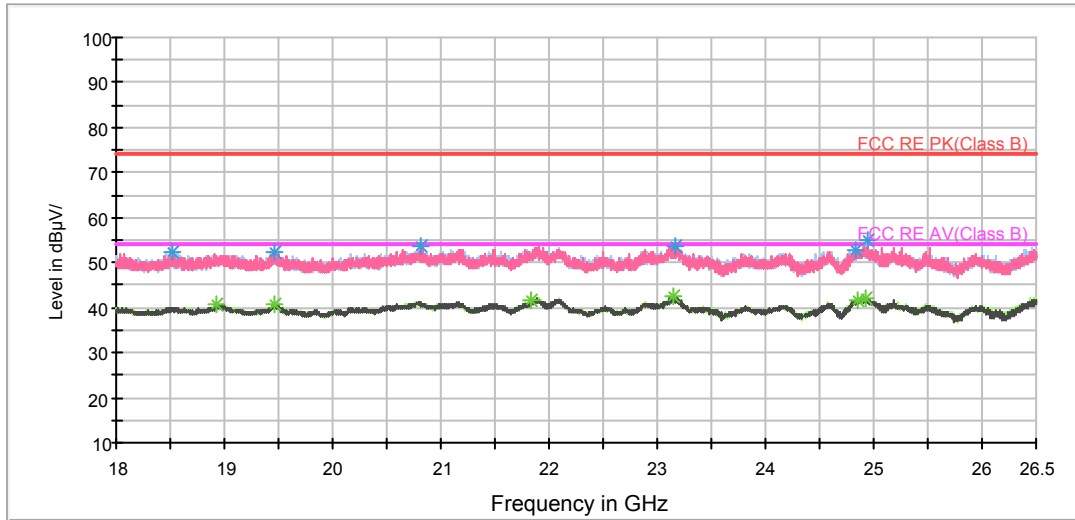
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3901.875000	40.5	105.0	V	253.0	41.7	-1.2	33.5	74
4779.375000	45.1	105.0	V	230.0	44.1	1.0	28.9	74
5998.125000	47.9	105.0	V	322.0	43.0	4.9	26.1	74
9223.125000	48.8	105.0	V	322.0	38.9	9.9	25.2	74
12645.000000	53.0	205.0	H	0.0	38.6	14.4	21.0	74
17921.250000	63.7	104.0	H	0.0	38.0	25.7	10.3	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3990.000000	28.4	105.0	V	299.0	29.4	-1.0	25.6	54
4779.375000	32.5	105.0	V	230.0	31.5	1.0	21.5	54
6999.375000	34.9	104.0	H	0.0	28.4	6.5	19.1	54
9240.000000	36.8	105.0	V	185.0	26.9	9.9	17.2	54
12639.375000	40.9	205.0	V	153.0	26.4	14.5	13.1	54
17998.125000	51.4	205.0	V	0.0	26.0	25.4	2.6	54

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

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18527.000000	52.2	202.0	H	107.0	51.9	0.3	21.8	74
19458.812500	52.2	202.0	V	0.0	52.2	0.0	21.8	74
20815.625000	53.4	202.0	V	0.0	55.4	-2.0	20.6	74
23175.437500	53.9	202.0	H	151.0	54.0	-0.1	20.1	74
24837.187500	52.8	202.0	H	160.0	52.5	0.3	21.2	74
24936.000000	55.0	202.0	H	94.0	54.2	0.8	19.0	74

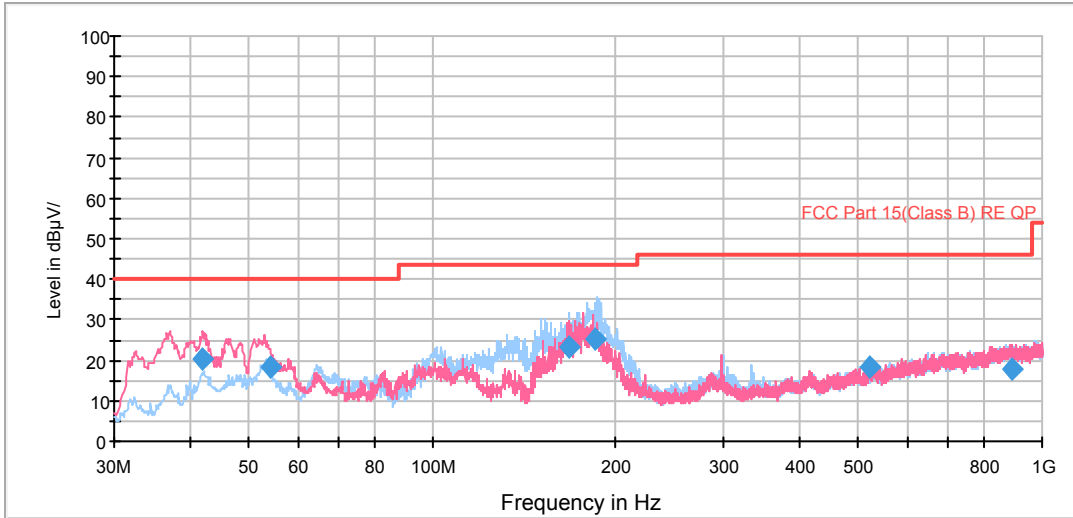
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18929.687500	40.6	202.0	H	94.0	40.5	0.1	13.4	54
19454.562500	40.6	202.0	V	38.0	40.6	0.0	13.4	54
21838.812500	41.6	202.0	V	0.0	43.5	-1.9	12.4	54
23149.937500	42.4	202.0	V	142.0	42.5	-0.1	11.6	54
24843.562500	41.7	202.0	H	180.0	41.4	0.3	12.3	54
24916.875000	42.2	202.0	V	0.0	41.5	0.7	11.8	54

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

802.11n (HT40) CH5

RE 30M-1GHz QP

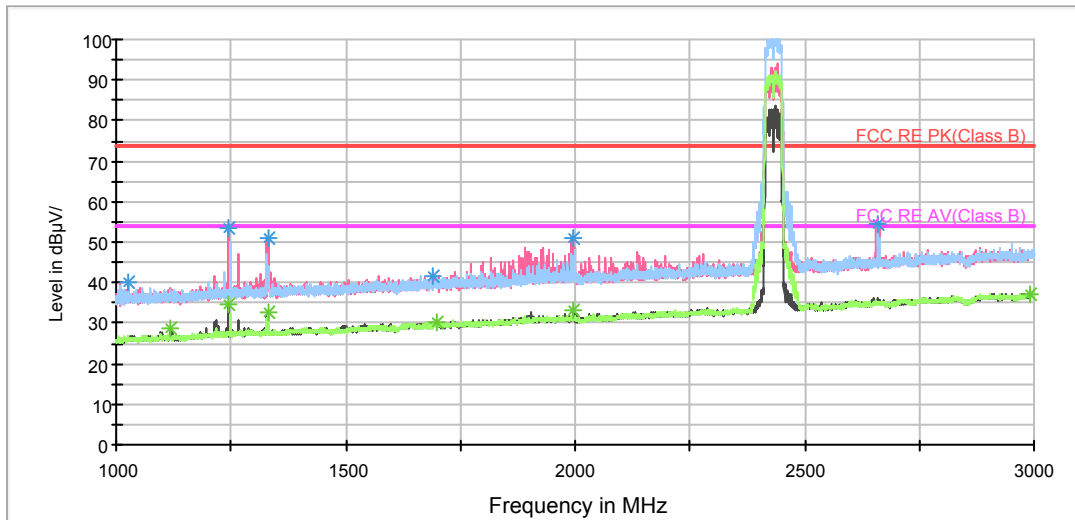


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
42.018740	20.4	120.0	V	0.0	40.7	-20.3	19.6	40.0
54.020966	18.3	120.0	V	276.0	39.2	-20.9	21.7	40.0
167.916244	23.3	125.0	H	285.0	51.6	-28.3	20.2	43.5
185.178894	25.3	200.0	H	128.0	52.7	-27.4	18.2	43.5
519.749250	18.6	100.0	H	85.0	37.6	-19.0	27.4	46.0
893.388500	17.8	195.0	V	105.0	30.5	-12.7	28.2	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



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

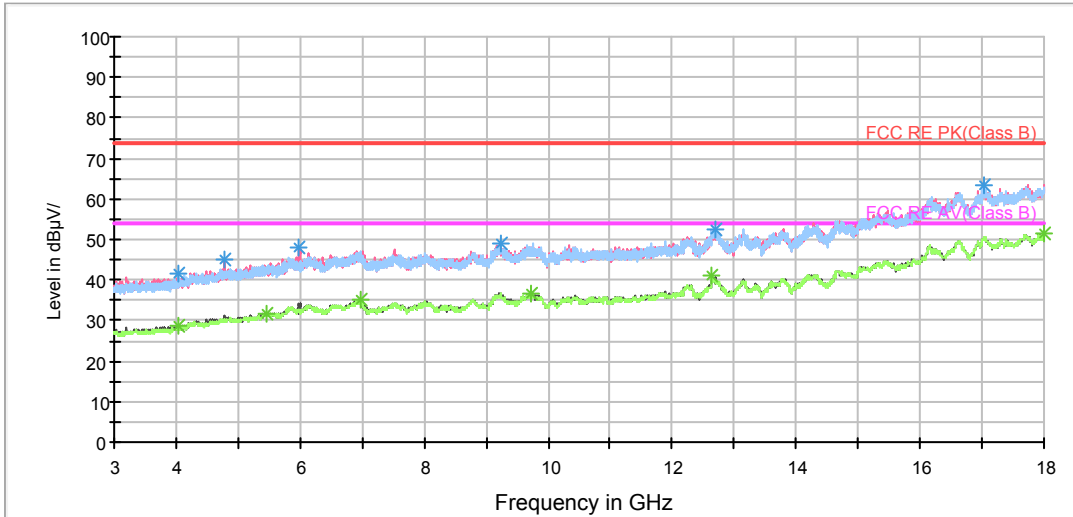
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1027.750000	40.1	150.0	V	133.0	49.2	-9.1	33.9	74
1246.250000	53.4	150.0	V	285.0	61.4	-8.0	20.6	74
1331.500000	50.8	150.0	V	311.0	58.2	-7.4	23.2	74
1689.750000	41.8	150.0	H	0.0	46.8	-5.0	32.2	74
1996.000000	51.0	150.0	V	195.0	54.3	-3.3	23.0	74
2661.250000	54.4	150.0	H	192.0	54.1	0.3	19.6	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)
1120.000000	28.8	150.0	V	102.0	37.3	-8.5	25.2	54
1244.500000	34.7	150.0	V	276.0	42.7	-8.0	19.3	54
1330.250000	32.6	150.0	V	329.0	40.0	-7.4	21.4	54
1699.250000	30.4	150.0	V	276.0	35.4	-5.0	23.6	54
1996.000000	33.0	150.0	V	195.0	36.3	-3.3	21.0	54
2992.000000	37.3	150.0	V	356.0	35.1	2.2	16.7	54

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





Radiates Emission from 3GHz to 18GHz

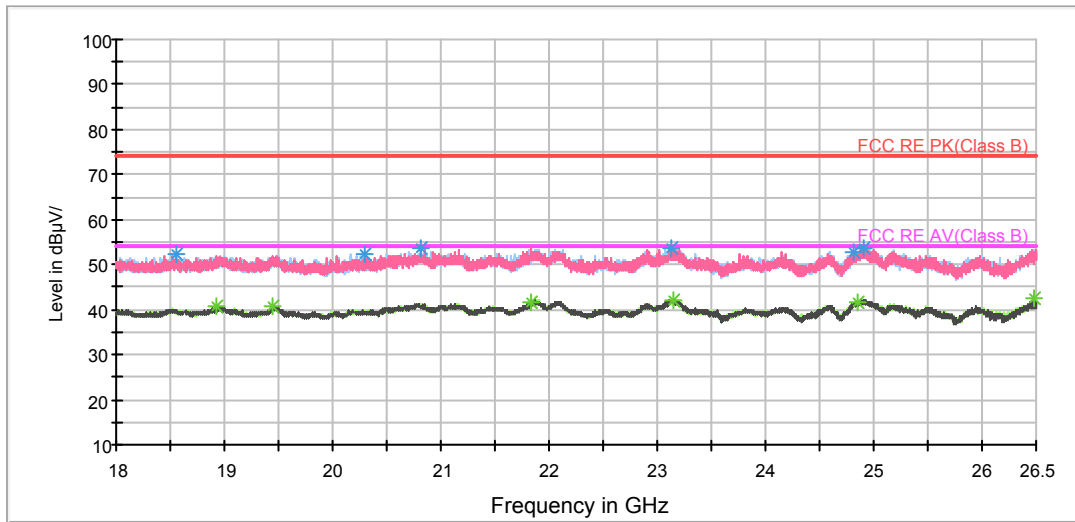
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
4033.125000	41.4	104.0	H	0.0	42.5	-1.1	32.6	74
4783.125000	44.9	104.0	V	228.0	43.8	1.1	29.1	74
5986.875000	47.9	104.0	V	318.0	43.1	4.8	26.1	74
9245.625000	49.1	205.0	V	0.0	39.3	9.8	24.9	74
12684.375000	52.5	205.0	H	257.0	38.3	14.2	21.5	74
17023.125000	63.5	205.0	H	0.0	39.0	24.5	10.5	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
4038.750000	28.5	205.0	V	0.0	29.5	-1.0	25.5	54
5443.125000	31.7	205.0	V	40.0	28.8	2.9	22.3	54
6991.875000	34.9	205.0	V	86.0	28.4	6.5	19.1	54
9727.500000	36.9	205.0	V	0.0	27.2	9.7	17.1	54
12639.375000	40.9	205.0	V	63.0	26.4	14.5	13.1	54
18000.000000	51.4	205.0	V	222.0	25.9	25.5	2.6	54

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

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18547.187500	52.3	202.0	V	0.0	52.1	0.2	21.7	74
20302.437500	52.2	202.0	V	4.0	53.3	-1.1	21.8	74
20808.187500	53.8	202.0	V	152.0	55.8	-2.0	20.2	74
23127.625000	53.9	202.0	V	13.0	54.0	-0.1	20.1	74
24820.187500	52.9	202.0	H	37.0	52.7	0.2	21.1	74
24904.125000	53.6	202.0	V	58.0	53.0	0.6	20.4	74

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

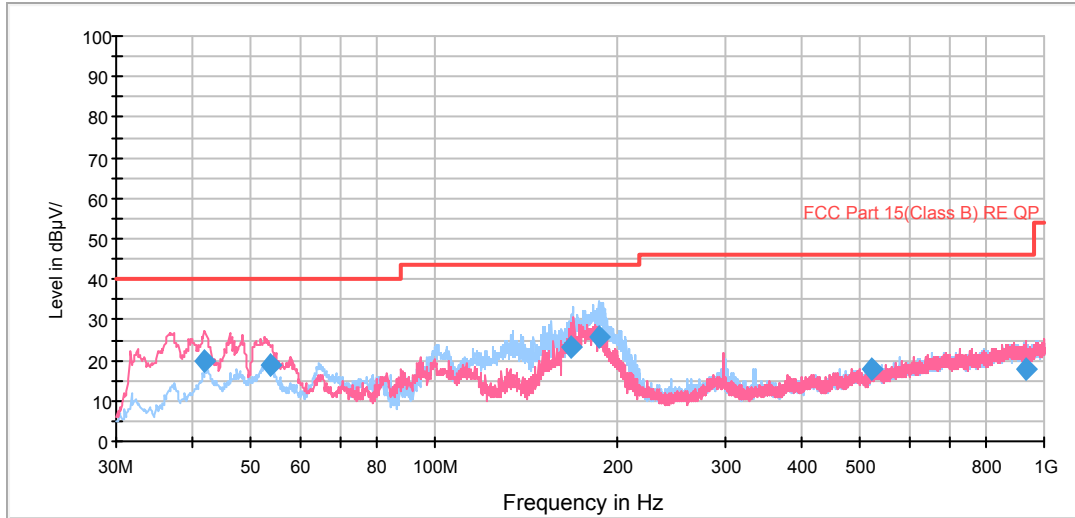
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18931.812500	40.6	202.0	V	162.0	40.5	0.1	13.4	54
19453.500000	40.9	202.0	H	180.0	40.9	0.0	13.1	54
21835.625000	41.6	202.0	H	180.0	43.5	-1.9	12.4	54
23155.250000	42.3	202.0	V	76.0	42.4	-0.1	11.7	54
24844.625000	41.7	202.0	H	65.0	41.4	0.3	12.3	54
26484.062500	42.3	202.0	H	0.0	41.2	1.1	11.7	54

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



802.11n (HT40) CH8

RE 30M-1GHz QP

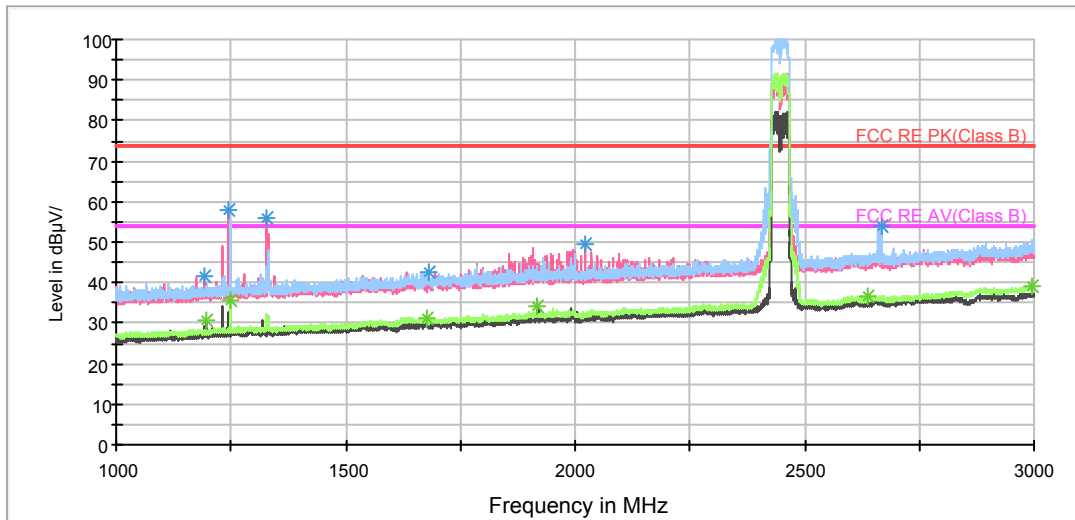


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
41.865653	19.6	125.0	V	188.0	40.0	-20.4	20.4	40.0
53.872481	18.6	120.0	V	220.0	39.4	-20.8	21.4	40.0
167.804438	23.3	196.0	H	298.0	51.6	-28.3	20.2	43.5
185.778894	25.7	125.0	H	124.0	53.1	-27.4	17.8	43.5
519.749250	18.0	100.0	H	16.0	37.0	-19.0	28.0	46.0
935.499000	17.7	225.0	V	62.0	30.8	-13.1	28.3	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



Note: The signal beyond the limit is carrier.

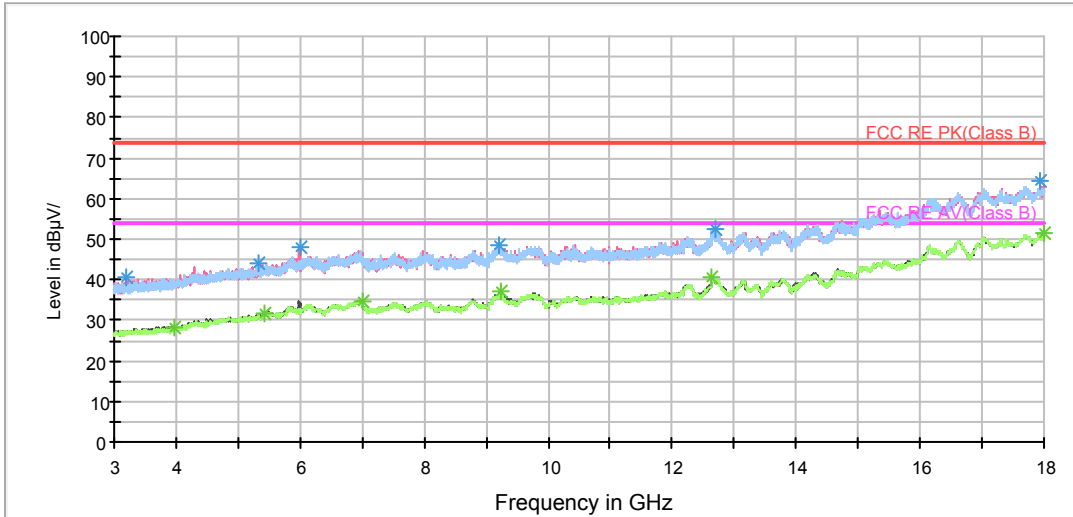
Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1190.750000	41.6	150.0	V	214.0	49.8	-8.2	32.4	74
1244.500000	58.1	150.0	V	164.0	66.1	-8.0	15.9	74
1328.000000	55.9	150.0	V	0.0	63.3	-7.4	18.1	74
1679.500000	42.7	150.0	H	62.0	47.8	-5.1	31.3	74
2021.250000	49.6	150.0	V	196.0	53.2	-3.6	24.4	74
2666.750000	53.8	150.0	H	21.0	53.5	0.3	20.2	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1197.750000	30.5	150.0	V	233.0	38.7	-8.2	23.5	54
1247.500000	35.8	150.0	H	227.0	43.8	-8.0	18.2	54
1677.500000	31.3	150.0	H	31.0	36.4	-5.1	22.7	54
1918.750000	34.1	150.0	V	176.0	38.2	-4.1	19.9	54
2639.500000	36.5	150.0	H	72.0	36.3	0.2	17.5	54
2994.750000	39.3	150.0	H	0.0	37.0	2.3	14.7	54

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



Radiates Emission from 3GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3191.250000	40.7	104.0	V	253.0	43.6	-2.9	33.3	74
5317.500000	44.0	205.0	H	228.0	41.6	2.4	30.0	74
5998.125000	48.0	104.0	V	185.0	43.1	4.9	26.0	74
9210.000000	48.7	205.0	H	0.0	38.6	10.1	25.3	74
12705.000000	52.6	104.0	H	200.0	38.6	14.0	21.4	74
17921.250000	64.3	104.0	V	0.0	38.6	25.7	9.7	74

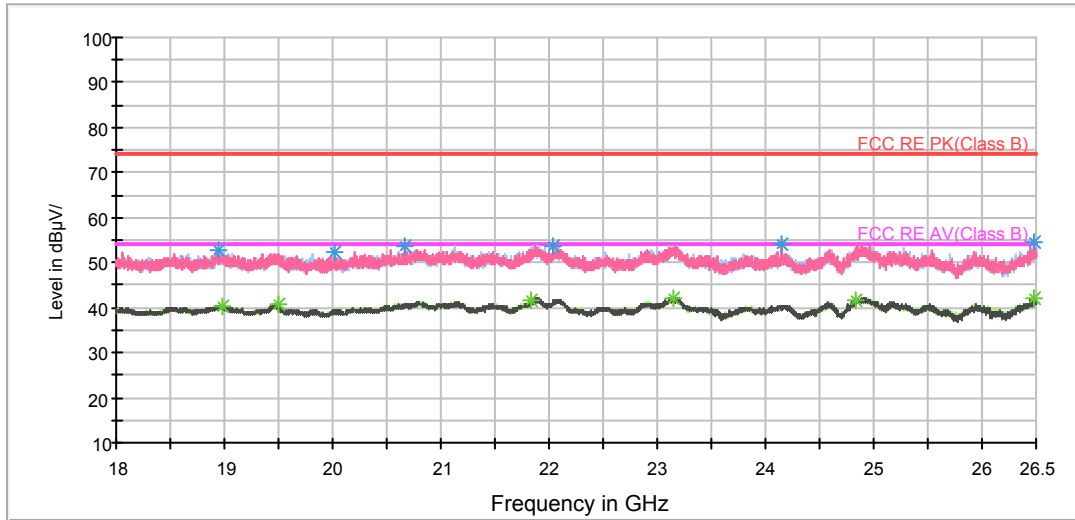
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3975.000000	28.3	104.0	V	253.0	29.2	-0.9	25.7	54
5416.875000	31.6	104.0	H	41.0	28.9	2.7	22.4	54
6993.750000	34.8	104.0	H	110.0	28.3	6.5	19.2	54
9238.125000	37.0	104.0	V	185.0	27.1	9.9	17.0	54
12641.250000	40.7	104.0	V	299.0	26.2	14.5	13.3	54
18000.000000	51.6	104.0	V	0.0	26.1	25.5	2.4	54

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



RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18945.625000	52.6	202.0	H	180.0	52.6	0.0	21.4	74
20012.375000	52.3	202.0	H	137.0	53.9	-1.6	21.7	74
20667.937500	53.8	202.0	V	67.0	55.1	-1.3	20.2	74
22036.437500	53.8	202.0	H	137.0	55.2	-1.4	20.2	74
24152.937500	53.9	202.0	V	58.0	54.5	-0.6	20.1	74
26480.875000	54.4	202.0	H	180.0	53.3	1.1	19.6	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)
18975.375000	40.5	202.0	V	0.0	40.6	-0.1	13.5	54
19491.750000	40.7	202.0	V	85.0	40.6	0.1	13.3	54
21839.875000	41.6	202.0	V	0.0	43.5	-1.9	12.4	54
23155.250000	42.2	202.0	V	5.0	42.3	-0.1	11.8	54
24826.562500	41.6	202.0	V	0.0	41.4	0.2	12.4	54
26473.437500	42.3	202.0	H	27.0	41.2	1.1	11.7	54

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

### 5.8. Conducted Emission

#### Ambient condition

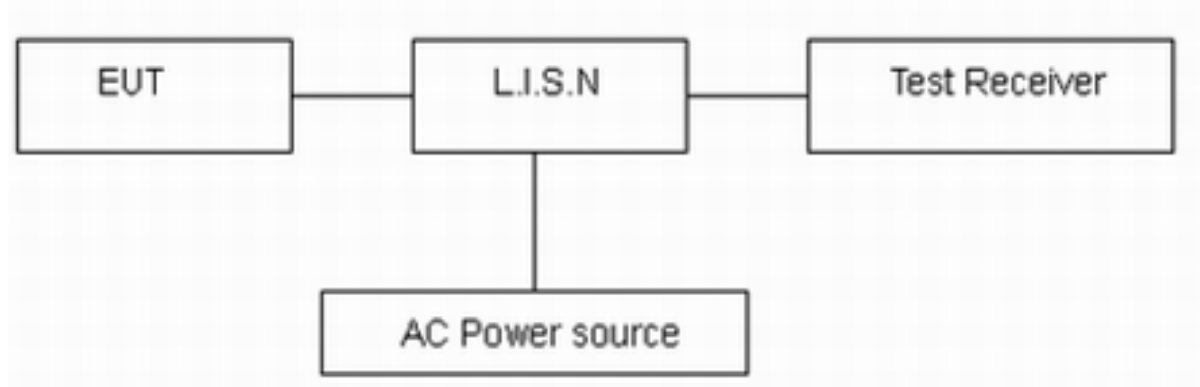
Temperature	Relative humidity	Pressure
23°C ~25°C	45%~50%	101.5kPa

#### Methods of Measurement

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

The test is in transmitting mode.

#### Test Setup



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

#### Limits

Frequency (MHz)	Conducted Limits(dBμV)	
	Quasi-peak	Average
0.15 - 0.5	66 to 56 *	56 to 46*
0.5 - 5	56	46
5 - 30	60	50

\*: Decreases with the logarithm of the frequency.

#### Measurement Uncertainty

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



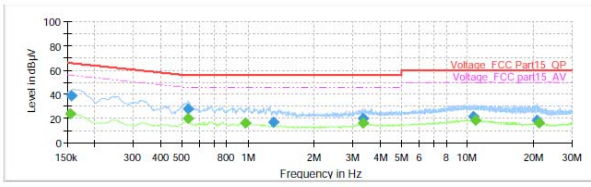
Test Results:

SISO Antenna 2

Following plots, Blue trace uses the peak detection and Green trace uses the average detection.

802.11b, Channel No.: 1

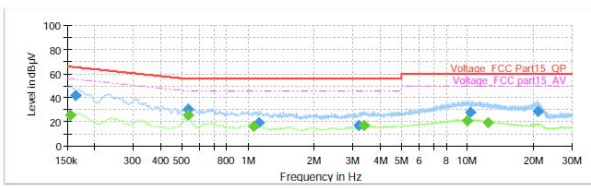
L Line



Final Result

Table with 11 columns: Frequency (MHz), QuasiPeak (dBµV), Average (dBµV), Limit (dBµV), Margin (dB), Meas. Time (ms), Bandwidth (kHz), Line, Filter, Corr. (dB). Contains 15 rows of test data for Channel No. 1.

N Line

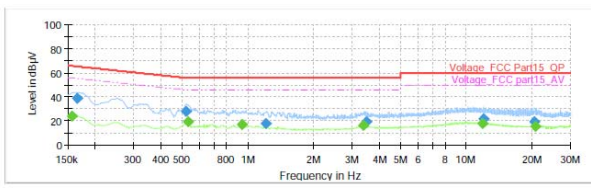


Final Result

Table with 11 columns: Frequency (MHz), QuasiPeak (dBµV), Average (dBµV), Limit (dBµV), Margin (dB), Meas. Time (ms), Bandwidth (kHz), Line, Filter, Corr. (dB). Contains 15 rows of test data for Channel No. 1.

802.11b, Channel No.: 6

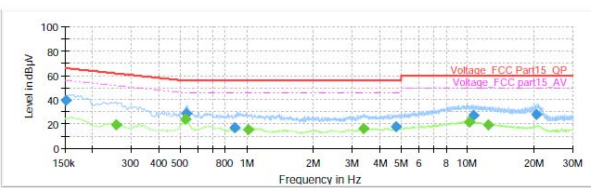
L Line



Final Result

Table with 11 columns: Frequency (MHz), QuasiPeak (dBµV), Average (dBµV), Limit (dBµV), Margin (dB), Meas. Time (ms), Bandwidth (kHz), Line, Filter, Corr. (dB). Contains 15 rows of test data for Channel No. 6.

N Line



Final Result

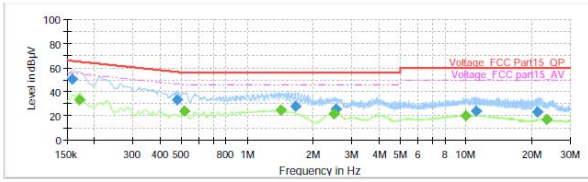
Table with 11 columns: Frequency (MHz), QuasiPeak (dBµV), Average (dBµV), Limit (dBµV), Margin (dB), Meas. Time (ms), Bandwidth (kHz), Line, Filter, Corr. (dB). Contains 15 rows of test data for Channel No. 6.





802.11b, Channel No.: 10

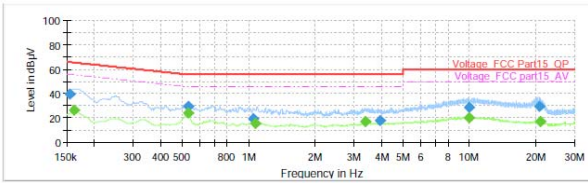
L Line



Final Result

Table with 10 columns: Frequency (MHz), QuasiPeak (dBµV), Average (dBµV), Limit (dBµV), Margin (dB), Meas. Time (ms), Bandwidth (kHz), Line, Filter, Corr. (dB). Contains 15 rows of test data.

N Line

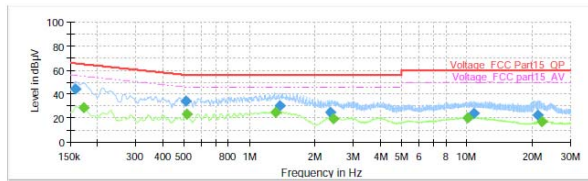


Final Result

Table with 10 columns: Frequency (MHz), QuasiPeak (dBµV), Average (dBµV), Limit (dBµV), Margin (dB), Meas. Time (ms), Bandwidth (kHz), Line, Filter, Corr. (dB). Contains 15 rows of test data.

802.11g, Channel No.: 1

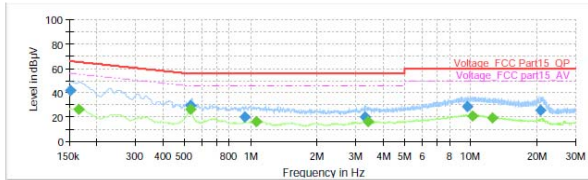
L Line



Final Result

Table with 10 columns: Frequency (MHz), QuasiPeak (dBµV), Average (dBµV), Limit (dBµV), Margin (dB), Meas. Time (ms), Bandwidth (kHz), Line, Filter, Corr. (dB). Contains 15 rows of test data.

N Line



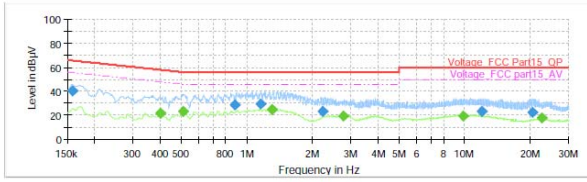
Final Result

Table with 10 columns: Frequency (MHz), QuasiPeak (dBµV), Average (dBµV), Limit (dBµV), Margin (dB), Meas. Time (ms), Bandwidth (kHz), Line, Filter, Corr. (dB). Contains 15 rows of test data.



802.11g, Channel No.: 6

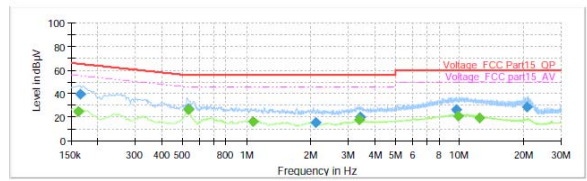
L Line



Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.159000	40.37	---	65.52	25.15	1000.0	9.000	L1	ON	19.1
0.399750	---	21.50	47.86	26.35	1000.0	9.000	L1	ON	19.2
0.512250	---	23.55	46.00	22.45	1000.0	9.000	L1	ON	19.2
0.876750	28.67	---	56.00	27.33	1000.0	9.000	L1	ON	19.2
1.162500	29.73	---	56.00	26.27	1000.0	9.000	L1	ON	19.2
1.308750	---	24.80	46.00	21.20	1000.0	9.000	L1	ON	19.2
2.233500	23.28	---	56.00	32.72	1000.0	9.000	L1	ON	19.1
2.771250	---	19.21	46.00	26.79	1000.0	9.000	L1	ON	19.0
9.798000	---	19.74	50.00	30.26	1000.0	9.000	L1	ON	19.4
11.989500	23.17	---	60.00	36.83	1000.0	9.000	L1	ON	19.4
20.469750	22.23	---	60.00	37.77	1000.0	9.000	L1	ON	19.7
22.634250	---	17.57	50.00	32.43	1000.0	9.000	L1	ON	19.5

N Line

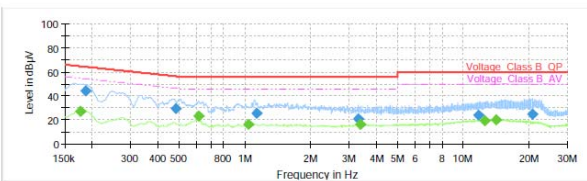


Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.161250	---	24.92	55.40	30.48	1000.0	9.000	N	ON	19.1
0.165750	39.75	---	65.17	25.42	1000.0	9.000	N	ON	19.2
0.532500	---	26.22	46.00	19.78	1000.0	9.000	N	ON	19.2
0.534750	27.47	---	56.00	28.53	1000.0	9.000	N	ON	19.2
1.068000	---	16.55	46.00	29.45	1000.0	9.000	N	ON	19.2
2.121000	15.49	---	56.00	40.51	1000.0	9.000	N	ON	19.1
3.383250	---	17.78	46.00	28.22	1000.0	9.000	N	ON	19.1
3.426000	20.36	---	56.00	35.64	1000.0	9.000	N	ON	19.0
9.827000	26.68	---	60.00	33.32	1000.0	9.000	N	ON	19.4
9.829500	---	21.09	50.00	28.91	1000.0	9.000	N	ON	19.4
12.360750	---	19.68	50.00	30.32	1000.0	9.000	N	ON	19.4
20.800500	28.83	---	60.00	31.17	1000.0	9.000	N	ON	19.5

802.11g, Channel No.: 10

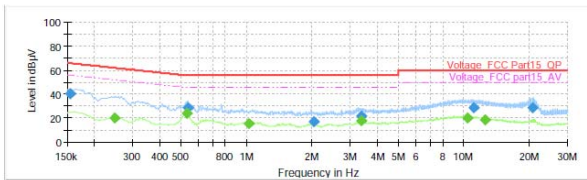
L Line



Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.177000	---	27.06	54.63	27.56	1000.0	9.000	L1	ON	19.2
0.186000	44.16	---	64.21	20.06	1000.0	9.000	L1	ON	19.2
0.485250	29.30	---	56.25	26.95	1000.0	9.000	L1	ON	19.2
0.613500	---	23.57	46.00	22.43	1000.0	9.000	L1	ON	19.3
0.613750	---	16.43	46.00	29.57	1000.0	9.000	L1	ON	19.2
1.128750	25.65	---	56.00	30.35	1000.0	9.000	L1	ON	19.2
3.286500	20.90	---	56.00	35.10	1000.0	9.000	L1	ON	19.1
3.381000	---	16.23	46.00	29.77	1000.0	9.000	L1	ON	19.1
11.771250	23.68	---	60.00	36.32	1000.0	9.000	L1	ON	19.4
12.455250	---	19.66	50.00	30.34	1000.0	9.000	L1	ON	19.4
14.192250	---	20.11	50.00	29.89	1000.0	9.000	L1	ON	19.5
20.645250	25.14	---	60.00	34.86	1000.0	9.000	L1	ON	19.7

N Line



Final Result

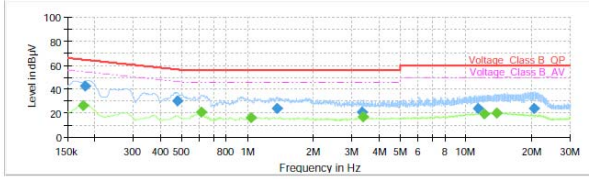
Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.154500	40.07	---	65.75	25.68	1000.0	9.000	N	ON	19.1
0.246750	---	20.04	51.87	31.82	1000.0	9.000	N	ON	19.1
0.530250	---	24.26	46.00	21.75	1000.0	9.000	N	ON	19.2
0.537000	28.94	---	56.00	27.06	1000.0	9.000	N	ON	19.2
1.029750	---	15.18	46.00	30.82	1000.0	9.000	N	ON	19.2
2.033250	16.92	---	56.00	39.08	1000.0	9.000	N	ON	19.1
3.367500	21.33	---	56.00	34.67	1000.0	9.000	N	ON	19.1
3.381000	---	17.75	46.00	28.25	1000.0	9.000	N	ON	19.1
10.369500	---	19.90	50.00	30.10	1000.0	9.000	N	ON	19.4
11.073750	28.63	---	60.00	31.37	1000.0	9.000	N	ON	19.4
12.482250	---	18.95	50.00	31.05	1000.0	9.000	N	ON	19.4
20.778000	28.74	---	60.00	31.26	1000.0	9.000	N	ON	19.5



MIMO

802.11n(HT20), Channel No.: 1

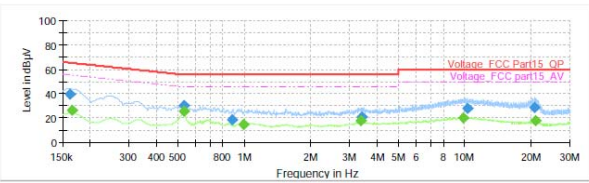
L Line



Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.177000	---	26.55	54.63	28.08	1000.0	9.000	L1	ON	19.2
0.181500	42.54	---	64.42	21.88	1000.0	9.000	L1	ON	19.2
0.476250	30.52	---	56.40	25.88	1000.0	9.000	L1	ON	19.2
0.611250	---	20.86	46.00	25.14	1000.0	9.000	L1	ON	19.3
1.036500	---	16.64	46.00	29.36	1000.0	9.000	L1	ON	19.2
1.369500	24.24	---	56.00	31.76	1000.0	9.000	L1	ON	19.2
3.254000	21.08	---	56.00	34.92	1000.0	9.000	L1	ON	19.1
3.367500	---	16.71	46.00	29.29	1000.0	9.000	L1	ON	19.1
11.346000	24.09	---	60.00	35.91	1000.0	9.000	L1	ON	19.4
12.129000	---	19.61	50.00	30.39	1000.0	9.000	L1	ON	19.4
13.744500	---	19.83	50.00	30.17	1000.0	9.000	L1	ON	19.5
20.478750	23.73	---	60.00	36.27	1000.0	9.000	L1	ON	19.7

N Line

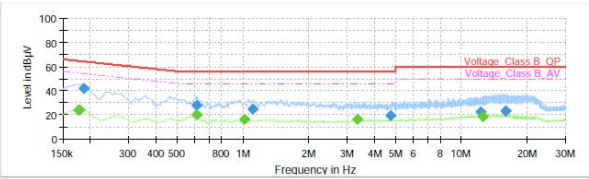


Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.161250	---	65.40	25.62	1000.0	---	9.000	N	ON	19.1
0.165750	---	26.22	55.17	28.95	1000.0	9.000	N	ON	19.2
0.532500	---	25.51	46.00	20.49	1000.0	9.000	N	ON	19.2
0.532500	29.87	---	56.00	26.13	1000.0	9.000	N	ON	19.2
0.881250	18.50	---	56.00	37.50	1000.0	9.000	N	ON	19.2
0.998250	---	14.81	46.00	31.19	1000.0	9.000	N	ON	19.2
3.383250	---	17.68	46.00	28.32	1000.0	9.000	N	ON	19.1
3.426000	20.78	---	56.00	35.22	1000.0	9.000	N	ON	19.0
9.863250	---	20.27	50.00	29.73	1000.0	9.000	N	ON	19.4
10.326750	28.28	---	60.00	31.72	1000.0	9.000	N	ON	19.4
20.764500	29.01	---	60.00	30.99	1000.0	9.000	N	ON	19.5
20.809500	---	17.54	50.00	32.46	1000.0	9.000	N	ON	19.5

802.11n(HT20), Channel No.: 6

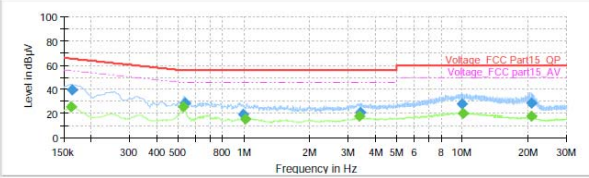
L Line



Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.177000	---	24.37	54.63	30.26	1000.0	9.000	L1	ON	19.2
0.179250	---	24.16	54.52	30.36	1000.0	9.000	L1	ON	19.2
0.186000	42.16	---	64.21	22.05	1000.0	9.000	L1	ON	19.2
0.611250	---	20.22	46.00	25.78	1000.0	9.000	L1	ON	19.3
0.613500	28.05	---	56.00	27.95	1000.0	9.000	L1	ON	19.3
1.014000	---	15.93	46.00	30.07	1000.0	9.000	L1	ON	19.2
1.110750	25.03	---	56.00	30.97	1000.0	9.000	L1	ON	19.2
3.336000	---	16.63	46.00	29.37	1000.0	9.000	L1	ON	19.1
4.755750	19.29	---	56.00	36.71	1000.0	9.000	L1	ON	19.1
12.232500	22.76	---	60.00	37.24	1000.0	9.000	L1	ON	19.4
12.462000	---	18.94	50.00	31.06	1000.0	9.000	L1	ON	19.4
15.870750	23.32	---	60.00	36.68	1000.0	9.000	L1	ON	19.4

N Line



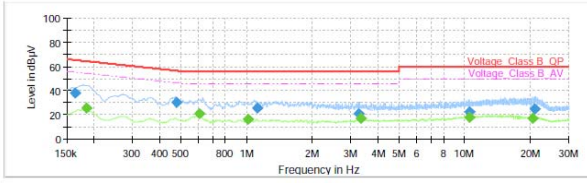
Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.161250	---	25.56	55.40	29.84	1000.0	9.000	N	ON	19.1
0.163500	39.15	---	65.28	26.14	1000.0	9.000	N	ON	19.1
0.528000	---	25.59	46.00	20.41	1000.0	9.000	N	ON	19.2
0.537000	28.85	---	56.00	27.15	1000.0	9.000	N	ON	19.2
0.998250	19.43	---	56.00	36.57	1000.0	9.000	N	ON	19.2
1.011750	---	15.19	46.00	30.81	1000.0	9.000	N	ON	19.2
3.381000	---	17.66	46.00	28.34	1000.0	9.000	N	ON	19.1
3.394500	21.08	---	56.00	34.92	1000.0	9.000	N	ON	19.1
9.937500	28.00	---	60.00	32.00	1000.0	9.000	N	ON	19.4
10.023000	---	20.15	50.00	29.85	1000.0	9.000	N	ON	19.4
20.737500	---	17.55	50.00	32.45	1000.0	9.000	N	ON	19.5
20.762250	28.95	---	60.00	31.05	1000.0	9.000	N	ON	19.5



802.11n(HT20), Channel No.: 10

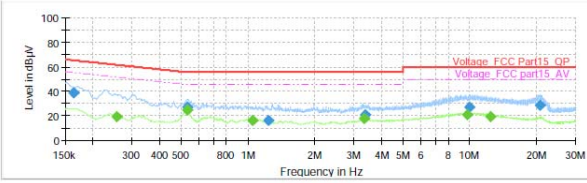
L Line



Final Result

Table with 10 columns: Frequency (MHz), QuasiPeak (dBµV), Average (dBµV), Limit (dBµV), Margin (dB), Meas. Time (ms), Bandwidth (kHz), Line, Filter, Corr. (dB). Contains 14 rows of test data.

N Line

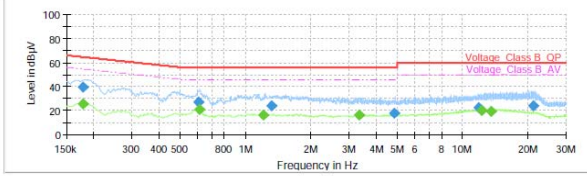


Final Result

Table with 10 columns: Frequency (MHz), QuasiPeak (dBµV), Average (dBµV), Limit (dBµV), Margin (dB), Meas. Time (ms), Bandwidth (kHz), Line, Filter, Corr. (dB). Contains 14 rows of test data.

802.11n(HT40), Channel No.: 3

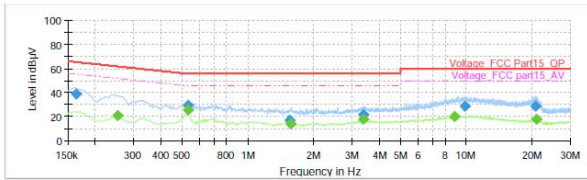
L Line



Final Result

Table with 10 columns: Frequency (MHz), QuasiPeak (dBµV), Average (dBµV), Limit (dBµV), Margin (dB), Meas. Time (ms), Bandwidth (kHz), Line, Filter, Corr. (dB). Contains 14 rows of test data.

N Line



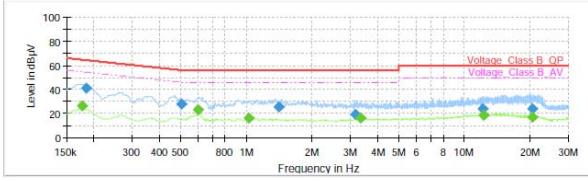
Final Result

Table with 10 columns: Frequency (MHz), QuasiPeak (dBµV), Average (dBµV), Limit (dBµV), Margin (dB), Meas. Time (ms), Bandwidth (kHz), Line, Filter, Corr. (dB). Contains 14 rows of test data.



802.11n(HT40), Channel No.: 5

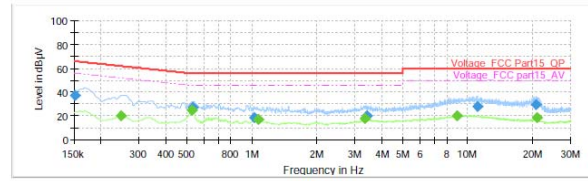
L Line



Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.177000	---	25.97	54.63	28.65	1000.0	9.000	L1	ON	19.2
0.183750	41.35	---	64.31	22.96	1000.0	9.000	L1	ON	19.2
0.503250	27.57	---	56.00	28.43	1000.0	9.000	L1	ON	19.2
0.602250	---	23.33	46.00	22.67	1000.0	9.000	L1	ON	19.3
1.020750	---	16.05	46.00	29.95	1000.0	9.000	L1	ON	19.2
1.405500	25.51	---	56.00	30.49	1000.0	9.000	L1	ON	19.2
3.153750	---	---	56.00	37.00	1000.0	9.000	L1	ON	19.1
3.336000	---	16.55	46.00	29.45	1000.0	9.000	L1	ON	19.1
12.135750	23.97	---	60.00	36.03	1000.0	9.000	L1	ON	19.4
12.198750	---	18.85	50.00	31.15	1000.0	9.000	L1	ON	19.4
20.411250	24.08	---	60.00	35.92	1000.0	9.000	L1	ON	19.7
20.575500	---	17.08	50.00	32.92	1000.0	9.000	L1	ON	19.7

N Line

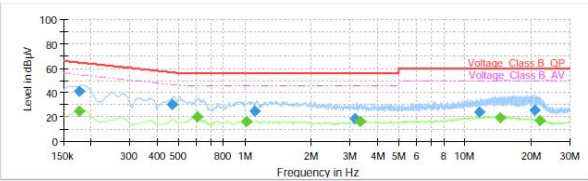


Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.152250	37.38	---	65.88	28.49	1000.0	9.000	N	ON	19.1
0.246750	---	20.11	51.87	31.75	1000.0	9.000	N	ON	19.1
0.528000	---	24.85	46.00	21.15	1000.0	9.000	N	ON	19.2
0.532500	27.39	---	56.00	28.61	1000.0	9.000	N	ON	19.2
1.027500	18.34	---	56.00	37.66	1000.0	9.000	N	ON	19.2
1.068000	---	16.68	46.00	29.32	1000.0	9.000	N	ON	19.2
3.320250	---	17.55	46.00	28.45	1000.0	9.000	N	ON	19.1
3.426000	20.21	---	56.00	35.79	1000.0	9.000	N	ON	19.1
8.884500	---	20.48	50.00	29.52	1000.0	9.000	N	ON	19.3
11.118750	27.76	---	60.00	32.24	1000.0	9.000	N	ON	19.4
20.762250	29.12	---	60.00	30.88	1000.0	9.000	N	ON	19.5
20.816250	---	18.44	50.00	31.56	1000.0	9.000	N	ON	19.5

802.11n(HT40), Channel No.: 8

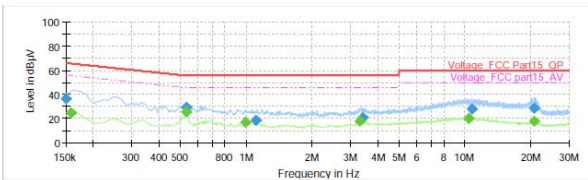
L Line



Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.177000	---	25.07	54.63	29.56	1000.0	9.000	L1	ON	19.2
0.177000	40.92	---	64.63	23.71	1000.0	9.000	L1	ON	19.2
0.467250	30.32	---	56.56	26.24	1000.0	9.000	L1	ON	19.2
0.606750	---	20.38	46.00	25.62	1000.0	9.000	L1	ON	19.3
1.018500	---	16.01	46.00	29.99	1000.0	9.000	L1	ON	19.2
1.106250	25.06	---	56.00	30.94	1000.0	9.000	L1	ON	19.2
3.167250	18.91	---	56.00	37.09	1000.0	9.000	L1	ON	19.1
3.351750	---	16.55	46.00	29.45	1000.0	9.000	L1	ON	19.1
11.636250	24.26	---	60.00	35.74	1000.0	9.000	L1	ON	19.4
14.444250	---	19.29	50.00	30.71	1000.0	9.000	L1	ON	19.5
20.688000	25.47	---	60.00	34.53	1000.0	9.000	L1	ON	19.7
21.943500	---	17.29	50.00	32.71	1000.0	9.000	L1	ON	19.5

N Line



Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.150000	36.82	---	66.00	29.18	1000.0	9.000	N	ON	19.1
0.159000	---	24.95	55.52	30.57	1000.0	9.000	N	ON	19.1
0.530250	---	25.58	46.00	20.42	1000.0	9.000	N	ON	19.2
0.534750	29.48	---	56.00	26.52	1000.0	9.000	N	ON	19.2
0.998250	---	17.06	46.00	28.94	1000.0	9.000	N	ON	19.2
1.113000	18.78	---	56.00	37.22	1000.0	9.000	N	ON	19.2
3.304500	---	17.70	46.00	28.30	1000.0	9.000	N	ON	19.1
3.401250	20.65	---	56.00	35.35	1000.0	9.000	N	ON	19.1
10.342500	---	20.01	50.00	29.99	1000.0	9.000	N	ON	19.4
10.786000	27.84	---	60.00	32.16	1000.0	9.000	N	ON	19.4
20.739750	---	17.60	50.00	32.40	1000.0	9.000	N	ON	19.5
20.791500	29.01	---	60.00	30.99	1000.0	9.000	N	ON	19.5



## 6. Main Test Instruments

Name	Type	Manufacturer	Serial Number	Calibration Date	Expiration Time
Spectrum Analyzer	FSV30	R&S	100815	2016-12-16	2017-12-15
EMI Test Receiver	ESCI	R&S	100948	2017-05-20	2018-05-19
TRILOG Broadband Antenna	VULB 9163	Schwarzbeck	9163-201	2014-12-06	2017-12-05
Double Ridged Waveguide Horn Antenna	HF907	R&S	100126	2014-12-06	2017-12-05
Loop Antenna	FMZB1519	SCHWARZBECK	1519-047	2017-02-18	2020-02-17
Standard Gain Horn	3160-09	ETS-Lindgren	00102644	2015-01-30	2018-01-29
EMI Test Receiver	ESCS30	R&S	100138	2016-12-16	2017-12-15
LISN	ENV216	R&S	101171	2016-12-16	2019-12-15
Spectrum Analyzer	N9010A	Agilent	MY47191109	2017-05-20	2018-05-19
RF Cable	SMA 15cm	Agilent	0001	2017-04-03	2017-07-02

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