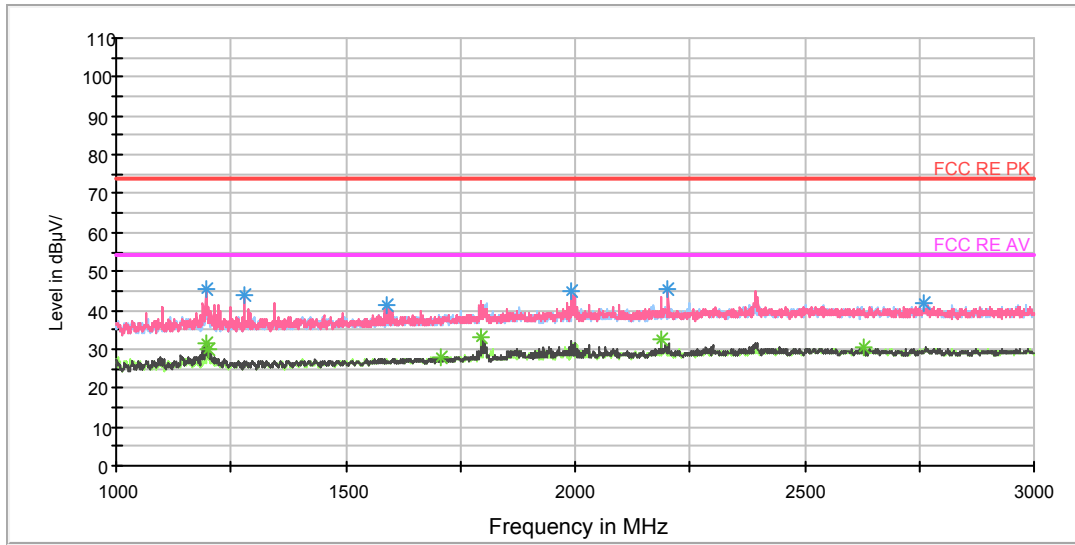


RE 1G-6GHz PK+AV Class B



Radiates Emission from 1GHz to 3GHz

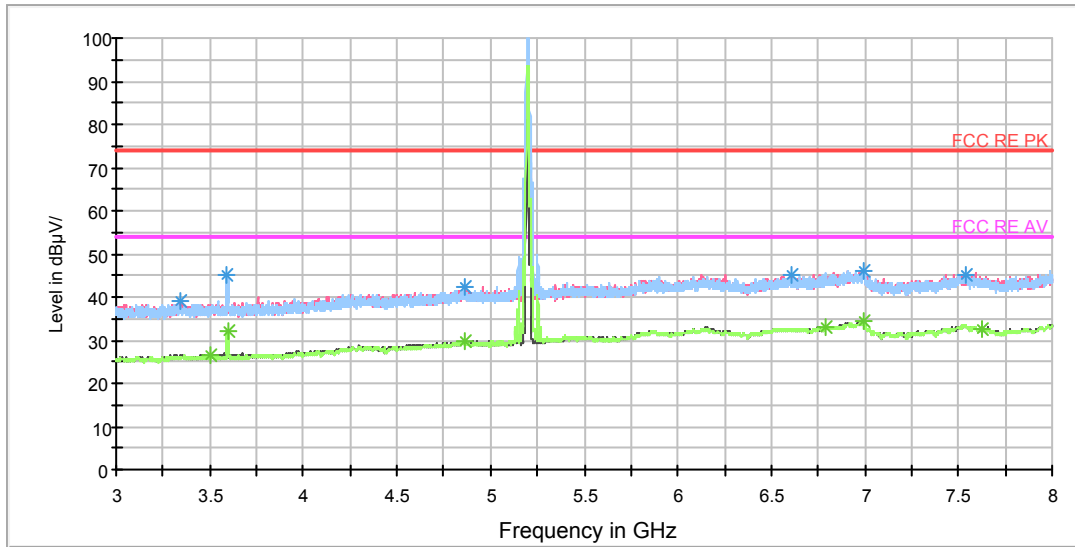
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1196.500000	45.2	100.0	V	12.0	52.8	-7.6	28.8	74
1280.000000	43.9	100.0	V	291.0	51.2	-7.3	30.1	74
1590.000000	41.3	100.0	V	175.0	47.6	-6.3	32.7	74
1991.500000	44.9	100.0	V	256.0	49.7	-4.8	29.1	74
2203.000000	45.4	100.0	V	37.0	49.4	-4.0	28.6	74
2760.500000	41.6	100.0	H	104.0	44.2	-2.6	32.4	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)
1198.500000	31.5	100.0	V	3.0	39.1	-7.6	22.5	54
1201.000000	30.0	100.0	V	3.0	37.6	-7.6	24.0	54
1709.000000	27.9	100.0	H	172.0	33.8	-5.9	26.1	54
1796.000000	32.8	100.0	V	280.0	38.3	-5.5	21.2	54
2188.500000	32.5	100.0	V	280.0	36.5	-4.0	21.5	54
2630.000000	30.3	100.0	H	308.0	33.0	-2.7	23.7	54

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

RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.  
Radiates Emission from 3GHz to 8GHz

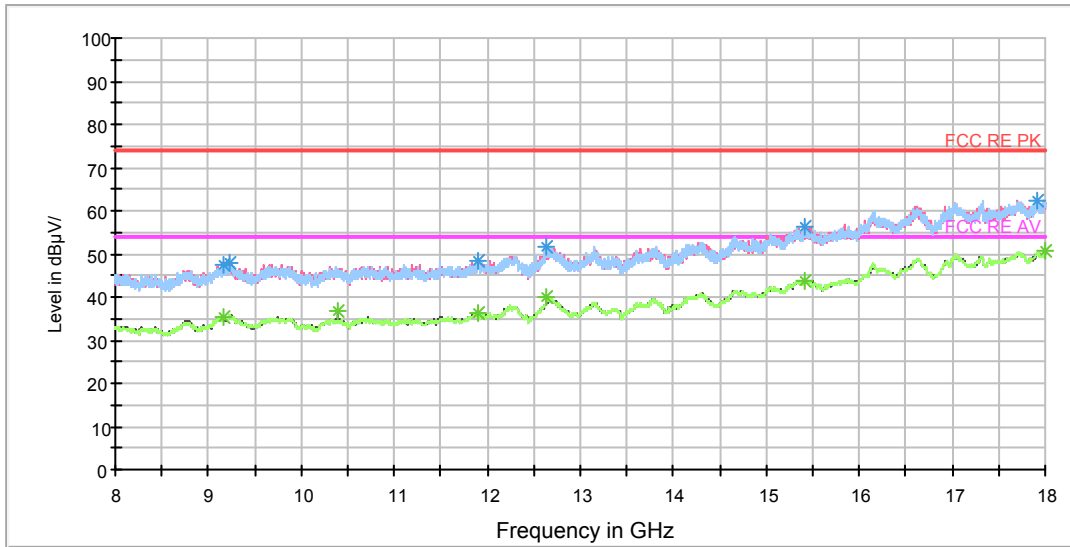
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3341.250000	39.0	100.0	V	332.0	41.4	-2.4	35.0	74
3590.625000	45.3	100.0	H	29.0	47.6	-2.3	28.7	74
4868.125000	42.3	100.0	V	0.0	40.6	1.7	31.7	74
6610.000000	45.1	100.0	V	202.0	39.5	5.6	28.9	74
6993.750000	46.2	100.0	V	202.0	39.7	6.5	27.8	74
7534.375000	45.1	100.0	V	357.0	38.1	7.0	28.9	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)
3508.125000	26.6	100.0	V	332.0	28.6	-2.0	27.4	54
3597.500000	32.2	100.0	H	29.0	34.4	-2.2	21.8	54
4865.000000	29.6	100.0	V	332.0	27.9	1.7	24.4	54
6793.125000	33.0	100.0	V	307.0	27.3	5.7	21.0	54
6998.750000	34.3	100.0	V	0.0	27.8	6.5	19.7	54
7628.750000	32.7	100.0	V	0.0	25.9	6.8	21.3	54

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

RE 3-18GHz PK+AV



Radiates Emission from 8GHz to 18GHz

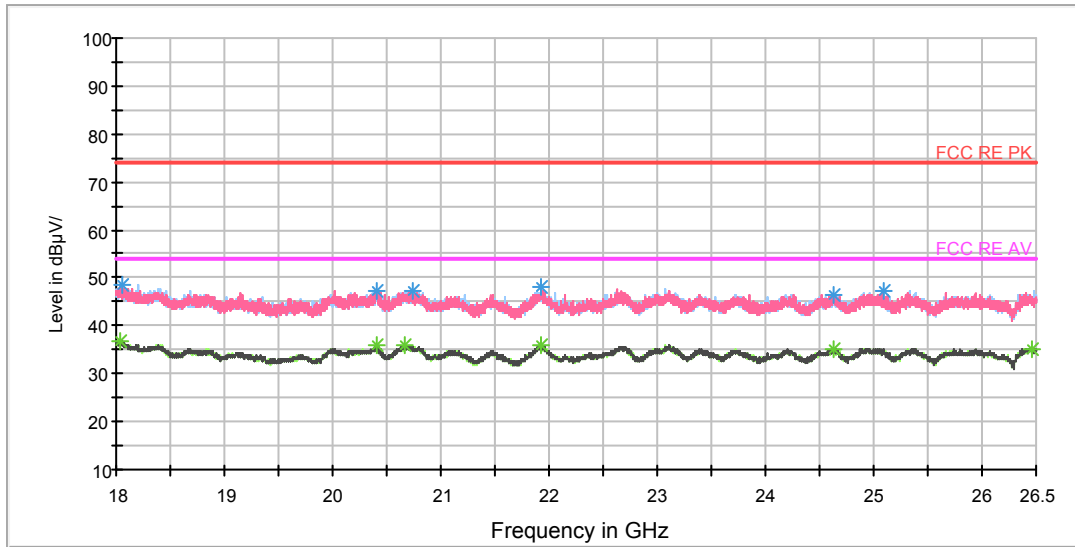
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9153.750000	47.5	100.0	H	0.0	37.3	10.2	26.5	74
9222.500000	47.7	200.0	H	0.0	37.8	9.9	26.3	74
11903.750000	48.6	100.0	V	352.0	36.4	12.2	25.4	74
12636.250000	51.8	200.0	V	252.0	37.7	14.1	22.2	74
15413.750000	56.2	200.0	H	0.0	37.0	19.2	17.8	74
17920.000000	62.4	200.0	H	0.0	36.6	25.8	11.6	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	35.3	200.0	V	0.0	25.0	10.3	18.7	54
10400.000000	36.9	200.0	V	309.0	27.5	9.4	17.1	54
11900.000000	36.5	100.0	V	0.0	24.2	12.3	17.5	54
12642.500000	40.1	100.0	V	0.0	25.6	14.5	13.9	54
15418.750000	43.9	200.0	H	162.0	24.5	19.4	10.1	54
17995.000000	50.5	100.0	H	0.0	25.2	25.3	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

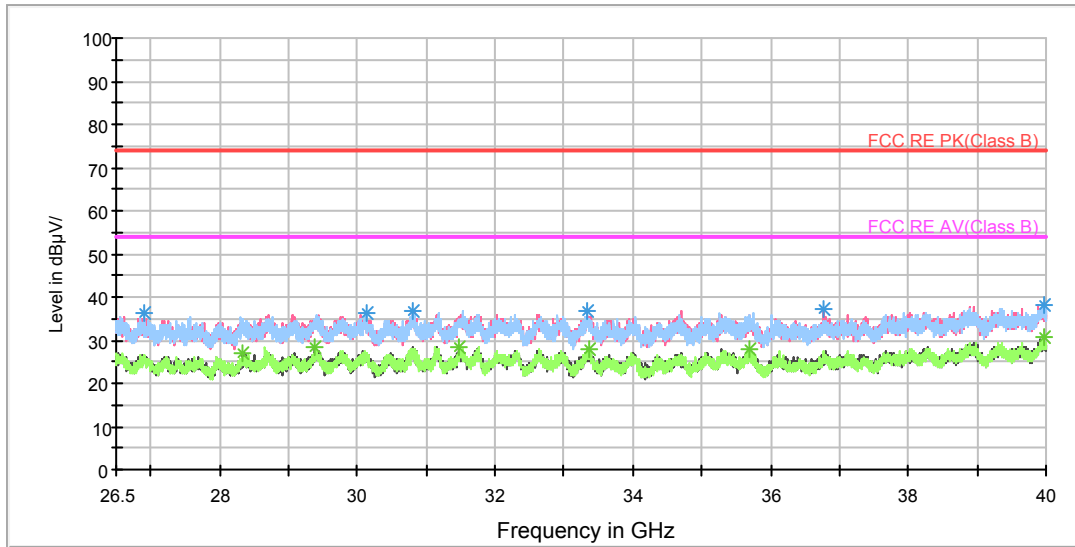
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18047.812500	48.6	V	328.0	50.6	-2.0	25.4	74
20406.562500	47.1	H	0.0	53.2	-6.1	26.9	74
20737.000000	47.5	H	0.0	54.3	-6.8	26.5	74
21925.937500	48.0	H	0.0	56.0	-8.0	26.0	74
24630.000000	46.6	V	340.0	52.6	-6.0	27.4	74
25097.500000	47.2	H	317.0	53.1	-5.9	26.8	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)
18028.687500	36.8	V	196.0	38.7	-1.9	17.2	54
20405.500000	35.9	H	102.0	42.0	-6.1	18.1	54
20667.937500	35.9	V	0.0	42.5	-6.6	18.1	54
21924.875000	35.9	H	167.0	43.9	-8.0	18.1	54
24626.812500	35.2	V	143.0	41.2	-6.0	18.8	54
26454.312500	35.3	H	0.0	40.7	-5.4	18.7	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)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
26918.500000	36.2	H	194.0	37.0	-0.8	37.8	74
30134.875000	36.2	H	232.0	36.6	-0.4	37.8	74
30809.875000	36.8	V	180.0	37.2	-0.4	37.2	74
33349.562500	36.9	H	232.0	37.9	-1.0	37.1	74
36768.437500	37.0	V	155.0	37.1	-0.1	37.0	74
39981.437500	38.3	H	172.0	36.0	2.3	35.7	74

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

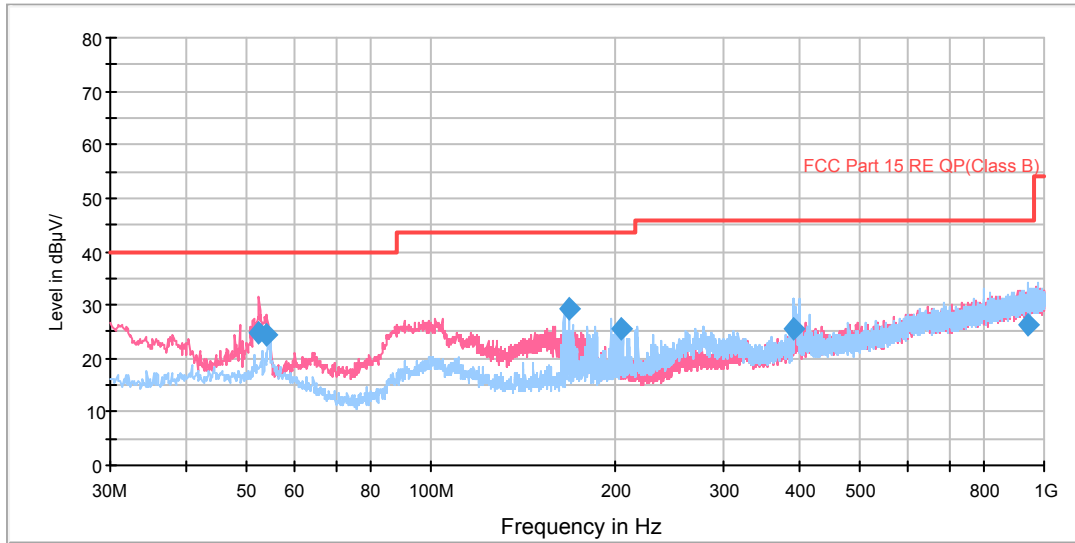
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28334.312500	27.1	V	250.0	28.6	-1.5	26.9	54
29389.000000	28.3	V	216.0	29.2	-0.9	25.7	54
31473.062500	28.4	V	168.0	28.9	-0.5	25.6	54
33361.375000	27.9	H	232.0	28.9	-1.0	26.1	54
35686.750000	28.1	V	205.0	28.5	-0.4	25.9	54
39981.437500	30.9	H	172.0	28.6	2.3	23.1	54

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



802.11ac (HT20) CH48

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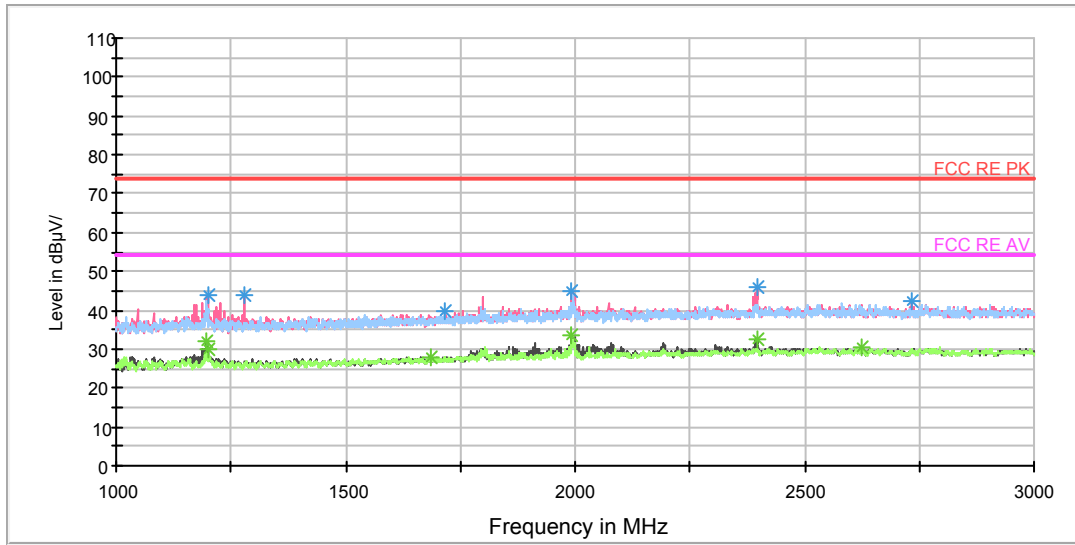
Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
52.551250	24.7	100.0	V	297.0	11.7	13.0	15.3	40.0
53.847500	24.4	100.0	V	307.0	11.6	12.8	15.6	43.5
167.982500	29.3	125.0	H	283.0	18.9	10.4	14.2	43.5
203.872500	25.7	125.0	H	266.0	13.4	12.3	17.8	46.0
390.717500	25.6	100.0	H	36.0	7.6	18.0	20.4	46.0
943.252500	26.3	100.0	H	302.0	-0.9	27.2	19.7	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-6GHz PK+AV Class B



Radiates Emission from 1GHz to 3GHz

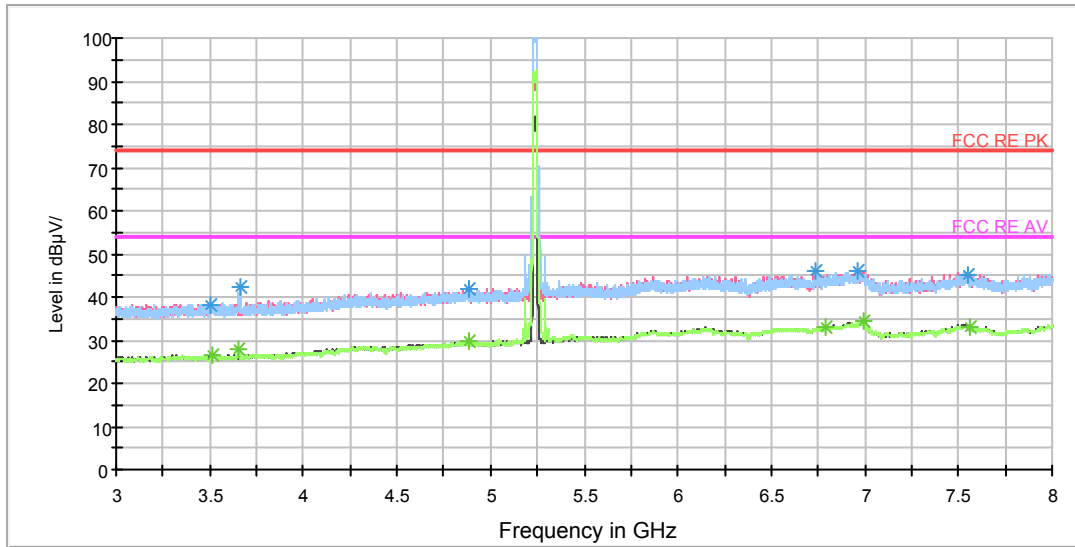
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1199.500000	44.0	100.0	V	358.0	51.6	-7.6	30.0	74
1279.000000	43.9	100.0	V	359.0	51.2	-7.3	30.1	74
1718.000000	39.5	100.0	V	172.0	45.3	-5.8	34.5	74
1991.000000	44.9	100.0	V	340.0	49.7	-4.8	29.1	74
2397.000000	45.9	100.0	V	252.0	49.1	-3.2	28.1	74
2732.000000	42.2	100.0	V	356.0	44.8	-2.6	31.8	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)
1197.500000	31.9	100.0	V	358.0	39.5	-7.6	22.1	54
1201.500000	29.9	100.0	V	358.0	37.5	-7.6	24.1	54
1683.500000	28.1	100.0	V	252.0	34.0	-5.9	25.9	54
1991.000000	33.3	100.0	V	340.0	38.1	-4.8	20.7	54
2396.500000	32.6	100.0	V	252.0	35.8	-3.2	21.4	54
2624.000000	30.3	100.0	H	4.0	33.0	-2.7	23.7	54

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

RE 3-18GHz PK+AV



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)
3499.375000	38.3	100.0	V	0.0	40.4	-2.1	35.7	74
3661.875000	42.4	100.0	H	0.0	44.3	-1.9	31.6	74
4884.375000	41.7	100.0	V	0.0	39.8	1.9	32.3	74
6741.875000	46.1	100.0	H	85.0	40.6	5.5	27.9	74
6963.125000	45.9	100.0	V	0.0	39.7	6.2	28.1	74
7545.000000	45.3	100.0	V	0.0	38.3	7.0	28.7	74

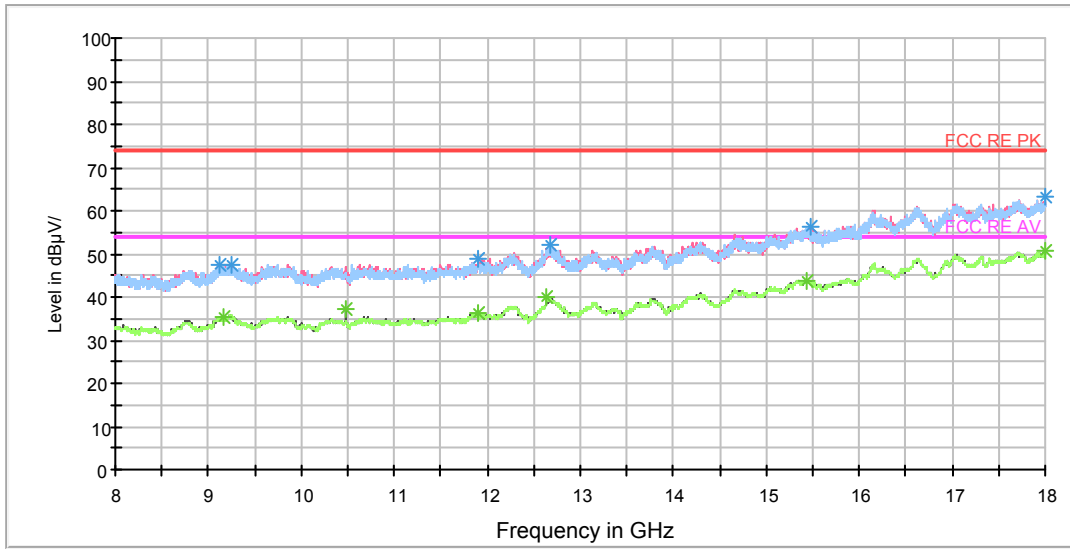
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3517.500000	26.5	100.0	H	0.0	28.5	-2.0	27.5	54
3656.250000	28.0	100.0	H	0.0	29.9	-1.9	26.0	54
4880.000000	29.6	100.0	H	37.0	27.8	1.8	24.4	54
6790.000000	32.8	100.0	V	105.0	27.1	5.7	21.2	54
6995.000000	34.2	100.0	H	12.0	27.7	6.5	19.8	54
7557.500000	33.1	100.0	V	0.0	26.1	7.0	20.9	54

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



RE 3-18GHz PK+AV



Radiates Emission from 8GHz to 18GHz

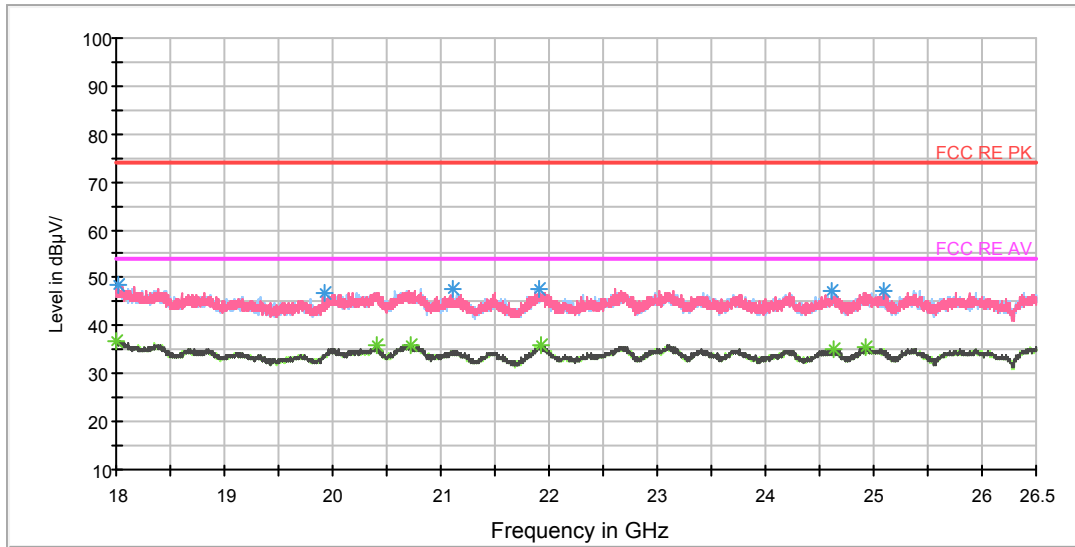
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9130.000000	47.2	100.0	H	28.0	37.2	10.0	26.8	74
9246.250000	47.6	200.0	V	0.0	37.8	9.8	26.4	74
11907.500000	48.7	200.0	V	115.0	36.6	12.1	25.3	74
12683.750000	52.1	200.0	H	21.0	37.9	14.2	21.9	74
15477.500000	56.2	100.0	V	326.0	36.3	19.9	17.8	74
17995.000000	63.2	100.0	H	2.0	37.9	25.3	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)
9155.000000	35.3	100.0	V	0.0	25.0	10.3	18.7	54
10480.000000	37.2	100.0	V	300.0	27.1	10.1	16.8	54
11901.250000	36.4	100.0	H	2.0	24.1	12.3	17.6	54
12641.250000	40.1	200.0	H	298.0	25.6	14.5	13.9	54
15428.750000	43.9	100.0	H	0.0	24.4	19.5	10.1	54
17998.750000	50.6	100.0	H	0.0	25.2	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

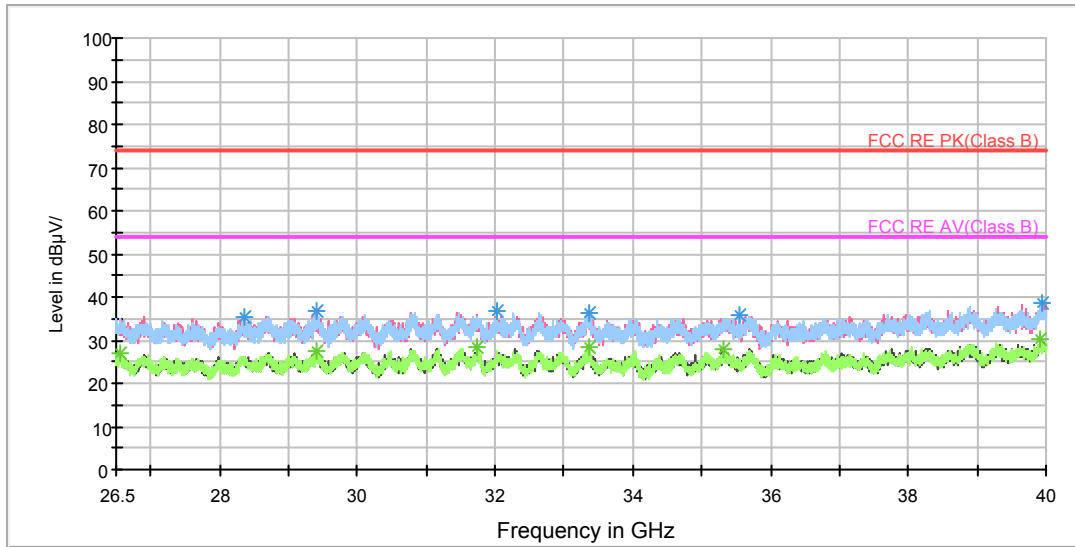
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18025.500000	48.5	H	264.0	50.4	-1.9	25.5	74
19932.687500	46.9	H	126.0	52.6	-5.7	27.1	74
21109.937500	47.7	H	137.0	55.3	-7.6	26.3	74
21908.937500	47.6	V	99.0	55.6	-8.0	26.4	74
24618.312500	47.3	H	296.0	53.3	-6.0	26.7	74
25089.000000	47.3	H	350.0	53.2	-5.9	26.7	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)
18005.312500	36.7	V	23.0	38.5	-1.8	17.3	54
20403.375000	35.9	H	232.0	42.0	-6.1	18.1	54
20722.125000	36.0	V	13.0	42.7	-6.7	18.0	54
21922.750000	36.1	V	78.0	44.1	-8.0	17.9	54
24637.437500	35.3	H	254.0	41.3	-6.0	18.7	54
24928.562500	35.4	H	307.0	41.3	-5.9	18.6	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)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28369.750000	35.2	V	168.0	36.7	-1.5	38.8	74
29407.562500	36.6	V	206.0	37.5	-0.9	37.4	74
32031.625000	36.6	H	159.0	37.1	-0.5	37.4	74
33364.750000	36.5	H	215.0	37.5	-1.0	37.5	74
35560.187500	35.8	H	150.0	36.2	-0.4	38.2	74
39927.437500	38.6	H	150.0	36.3	2.3	35.4	74

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

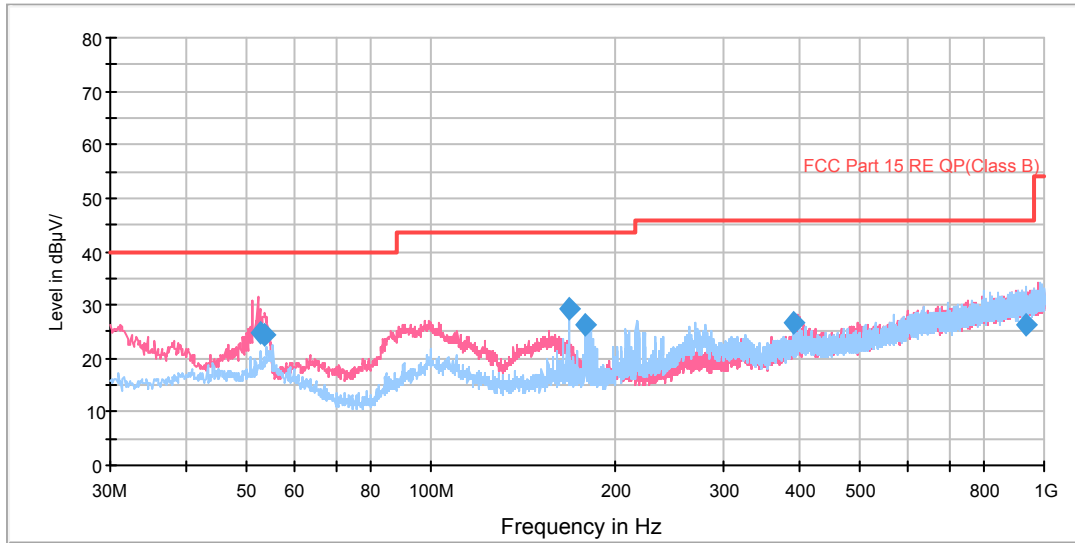
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
26550.625000	26.9	V	242.0	27.3	-0.4	27.1	54
29397.437500	27.4	V	250.0	28.3	-0.9	26.6	54
31736.312500	28.5	H	215.0	29.0	-0.5	25.5	54
33352.937500	28.2	V	250.0	29.2	-1.0	25.8	54
35318.875000	28.1	V	250.0	28.6	-0.5	25.9	54
39917.312500	30.4	V	250.0	28.1	2.3	23.6	54

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



802.11ac (HT20) CH52

FCC RE 0.03-1GHz QP Class B

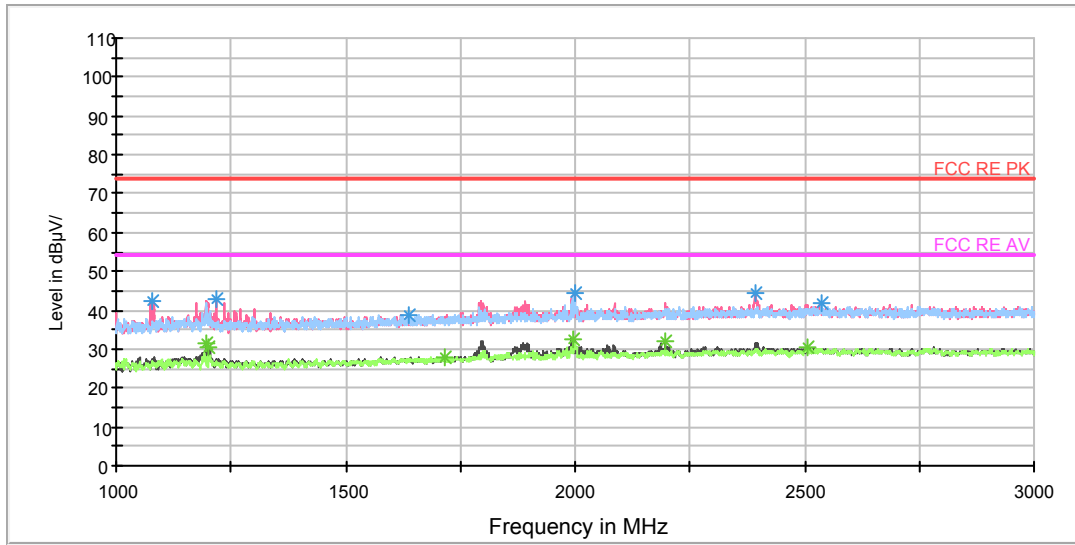


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
52.708750	24.6	100.0	V	287.0	11.6	13.0	15.4	40.0
53.567500	24.4	100.0	V	284.0	11.6	12.8	15.6	40.0
167.982500	29.2	125.0	H	286.0	18.8	10.4	14.3	43.5
178.895000	26.2	125.0	H	272.0	15.4	10.8	17.3	43.5
391.076250	26.6	100.0	V	305.0	8.8	17.8	19.4	46.0
937.998750	26.2	100.0	H	150.0	-1.0	27.2	19.8	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-6GHz PK+AV Class B



Radiates Emission from 1GHz to 3GHz

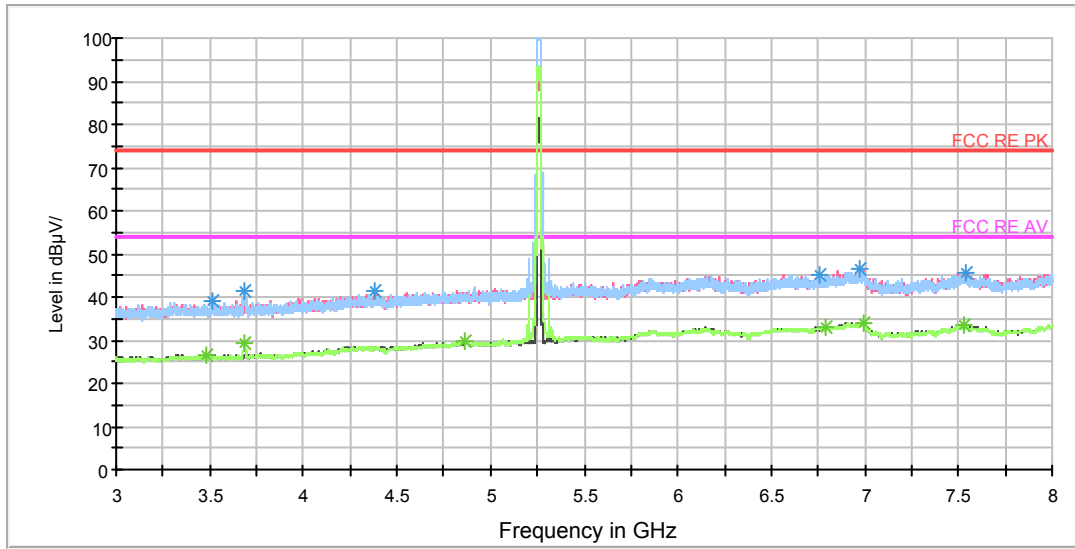
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1077.000000	42.6	100.0	V	279.0	50.5	-7.9	31.4	74
1217.500000	42.9	100.0	V	325.0	50.4	-7.5	31.1	74
1637.000000	39.0	100.0	H	84.0	45.1	-6.1	35.0	74
1999.000000	44.3	100.0	V	334.0	49.1	-4.8	29.7	74
2391.000000	44.6	100.0	V	256.0	47.8	-3.2	29.4	74
2535.500000	41.8	100.0	H	62.0	44.6	-2.8	32.2	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)
1197.000000	31.3	100.0	V	358.0	38.9	-7.6	22.7	54
1201.000000	30.5	100.0	V	334.0	38.1	-7.6	23.5	54
1716.500000	28.0	100.0	V	348.0	33.8	-5.8	26.0	54
1997.000000	32.6	100.0	V	334.0	37.4	-4.8	21.4	54
2195.000000	32.3	100.0	V	279.0	36.3	-4.0	21.7	54
2505.000000	30.3	100.0	V	0.0	33.1	-2.8	23.7	54

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

RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.  
Radiates Emission from 3GHz to 8GHz

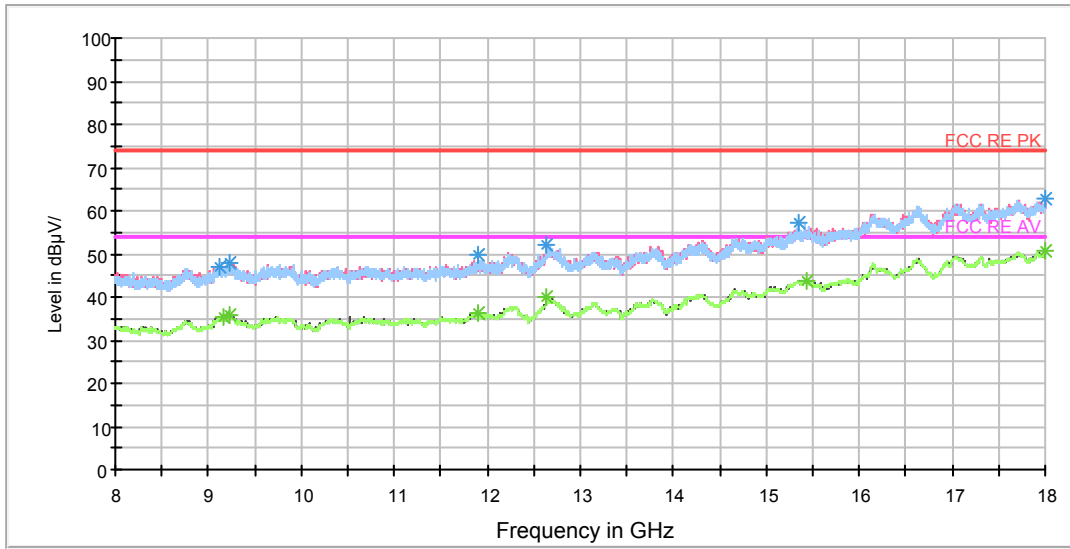
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3513.750000	38.9	100.0	H	0.0	40.9	-2.0	35.1	74
3685.625000	41.5	100.0	H	32.0	43.2	-1.7	32.5	74
4383.125000	41.6	100.0	V	351.0	41.3	0.3	32.4	74
6756.875000	45.3	100.0	H	285.0	39.8	5.5	28.7	74
6974.375000	46.7	100.0	H	7.0	40.4	6.3	27.3	74
7537.500000	45.8	100.0	V	302.0	38.8	7.0	28.2	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)
3482.500000	26.6	100.0	V	0.0	28.6	-2.0	27.4	54
3687.500000	29.2	100.0	H	32.0	30.9	-1.7	24.8	54
4861.875000	29.6	100.0	H	32.0	27.9	1.7	24.4	54
6789.375000	33.1	100.0	V	253.0	27.4	5.7	20.9	54
6996.250000	34.2	100.0	H	0.0	27.7	6.5	19.8	54
7525.625000	33.5	100.0	V	203.0	26.4	7.1	20.5	54

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

RE 3-18GHz PK+AV



Radiates Emission from 8GHz to 18GHz

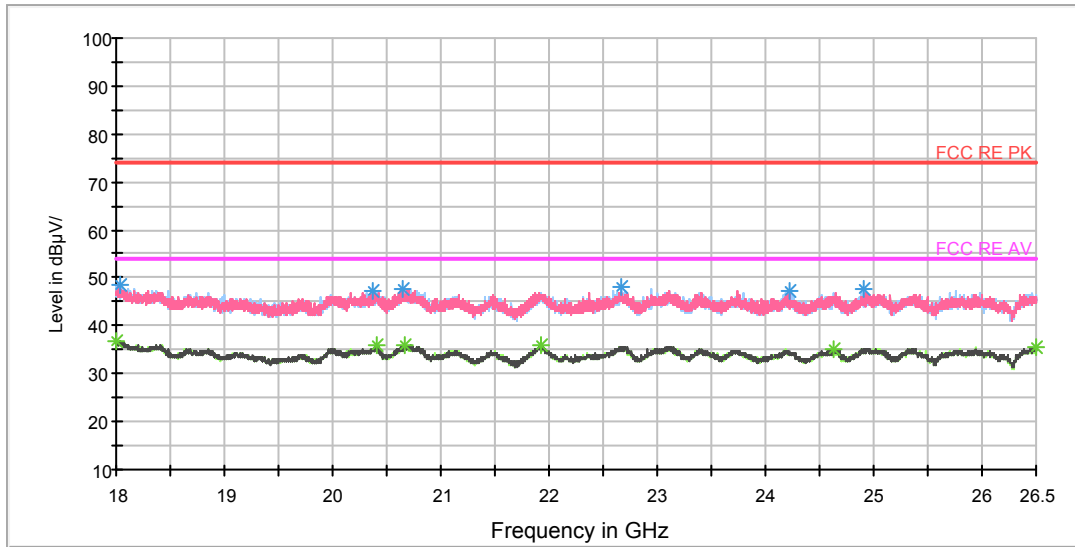
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9123.750000	47.1	100.0	V	352.0	37.0	10.1	26.9	74
9226.250000	47.9	100.0	V	272.0	38.0	9.9	26.1	74
11906.250000	49.7	200.0	V	144.0	37.6	12.1	24.3	74
12641.250000	52.3	200.0	H	191.0	37.8	14.5	21.7	74
15350.000000	57.2	100.0	H	0.0	38.4	18.8	16.8	74
17997.500000	62.7	100.0	V	0.0	37.3	25.4	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	35.2	100.0	H	143.0	24.9	10.3	18.8	54
9235.000000	35.9	200.0	V	7.0	26.0	9.9	18.1	54
11900.000000	36.5	200.0	V	90.0	24.2	12.3	17.5	54
12640.000000	40.0	200.0	H	80.0	25.4	14.6	14.0	54
15438.750000	43.8	200.0	V	252.0	24.3	19.5	10.2	54
17995.000000	50.5	200.0	H	0.0	25.2	25.3	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)
18043.562500	48.5	H	194.0	50.5	-2.0	25.5	74
20368.312500	47.4	H	291.0	53.5	-6.1	26.6	74
20657.312500	47.5	V	174.0	54.1	-6.6	26.5	74
22673.937500	48.1	H	354.0	54.7	-6.6	25.9	74
24227.312500	47.4	V	48.0	53.3	-5.9	26.6	74
24900.937500	47.6	H	205.0	53.5	-5.9	26.4	74

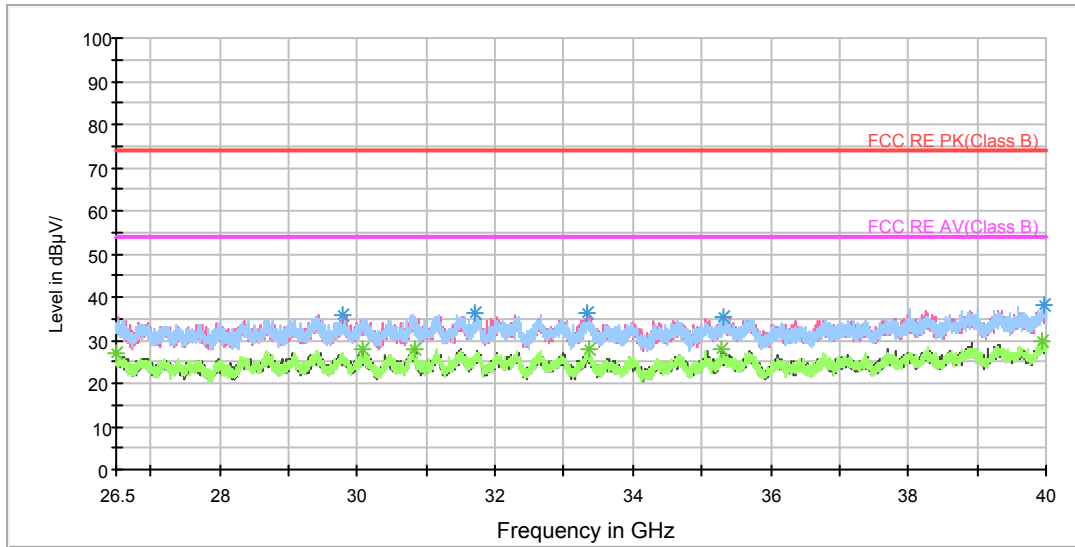
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18003.187500	36.8	H	301.0	38.6	-1.8	17.2	54
20405.500000	35.8	V	90.0	41.9	-6.1	18.2	54
20667.937500	35.9	H	0.0	42.5	-6.6	18.1	54
21920.625000	35.8	H	50.0	43.8	-8.0	18.2	54
24628.937500	35.2	V	0.0	41.2	-6.0	18.8	54
26491.500000	35.6	V	0.0	41.0	-5.4	18.4	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)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
26540.500000	34.7	H	230.0	35.1	-0.4	39.3	74
29777.125000	35.7	H	150.0	36.3	-0.6	38.3	74
31711.000000	36.1	V	155.0	36.6	-0.5	37.9	74
33339.437500	36.1	H	177.0	37.1	-1.0	37.9	74
35310.437500	35.3	H	150.0	35.8	-0.5	38.7	74
39967.937500	38.2	H	200.0	35.9	2.3	35.8	74

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

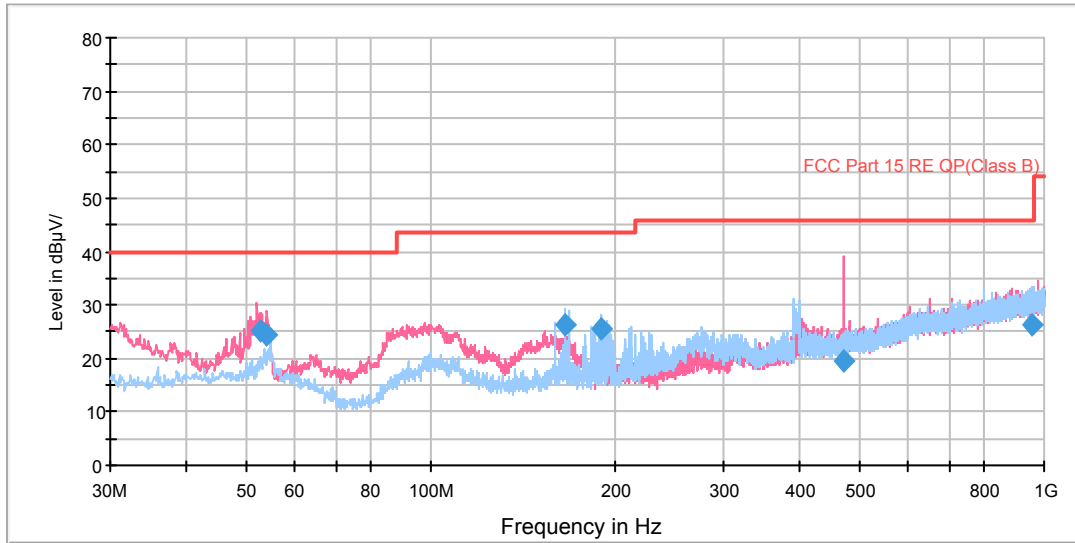
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
26510.125000	26.9	H	217.0	27.2	-0.3	27.1	54
30089.312500	27.9	V	248.0	28.3	-0.4	26.1	54
30826.750000	28.1	H	150.0	28.5	-0.4	25.9	54
33378.250000	27.8	H	150.0	28.8	-1.0	26.2	54
35296.937500	27.7	V	250.0	28.3	-0.6	26.3	54
39927.437500	29.9	H	150.0	27.6	2.3	24.1	54

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



802.11ac (HT20) CH64

FCC RE 0.03-1GHz QP Class B

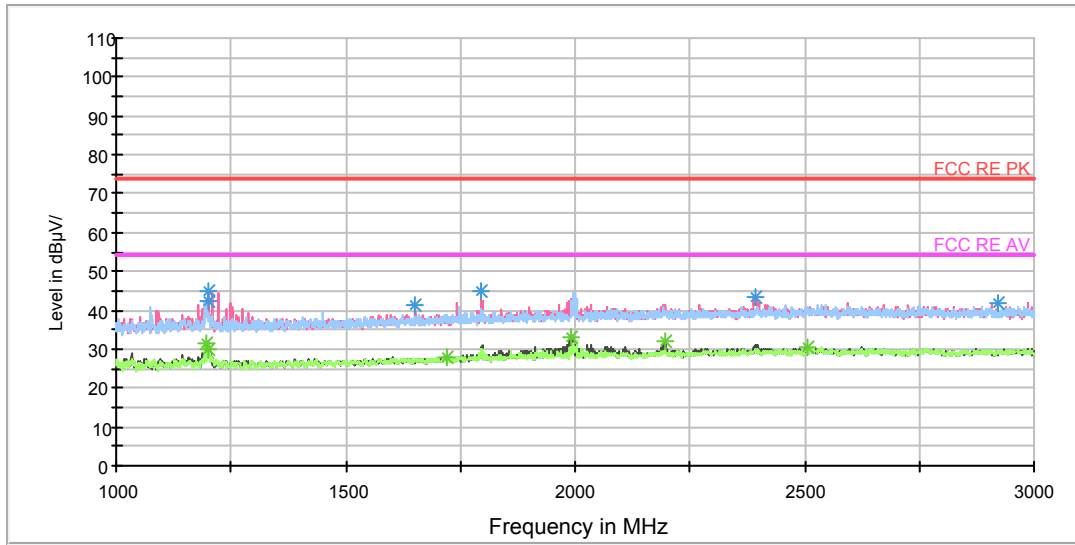


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
52.667500	25.0	100.0	V	290.0	12.0	13.0	15.0	40.0
54.048750	24.4	100.0	V	294.0	11.4	13.0	15.6	40.0
165.676250	26.3	125.0	H	278.0	16.1	10.2	17.2	43.5
189.928750	25.6	100.0	H	272.0	14.1	11.5	17.9	43.5
470.787500	19.5	100.0	V	303.0	-0.4	19.9	26.5	46.0
955.702500	26.4	100.0	H	258.0	-0.9	27.3	19.6	46.0

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

RE 1G-6GHz PK+AV Class B



Radiates Emission from 1GHz to 3GHz

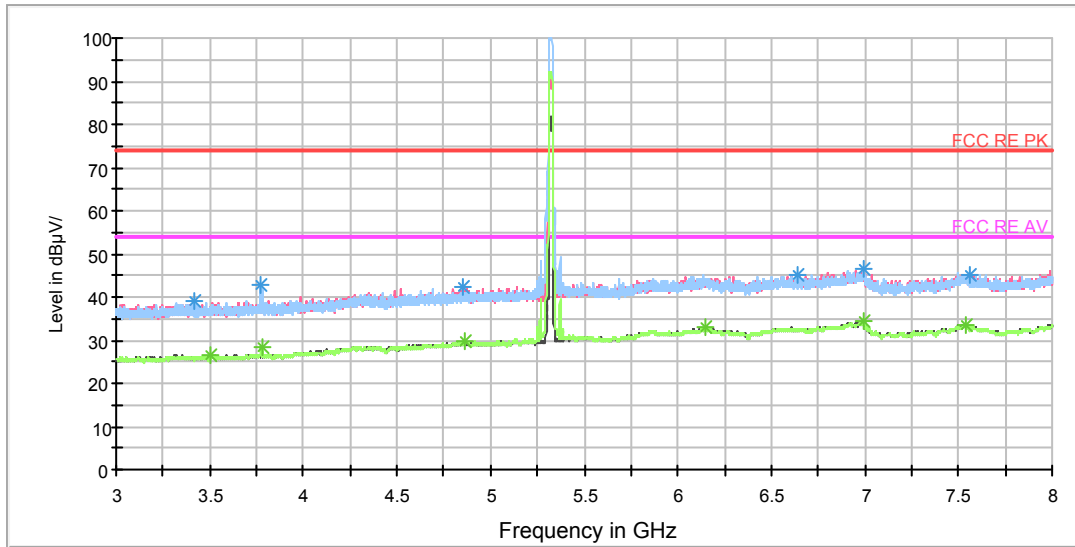
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1199.000000	42.5	100.0	V	345.0	50.1	-7.6	31.5	74
1202.500000	45.2	100.0	V	329.0	52.7	-7.5	28.8	74
1652.500000	41.4	100.0	V	0.0	47.5	-6.1	32.6	74
1794.000000	44.7	100.0	V	273.0	50.2	-5.5	29.3	74
2393.500000	43.2	100.0	V	354.0	46.4	-3.2	30.8	74
2921.500000	42.1	100.0	H	175.0	44.6	-2.5	31.9	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)
1197.500000	31.7	100.0	V	345.0	39.3	-7.6	22.3	54
1201.500000	29.9	100.0	H	315.0	37.5	-7.6	24.1	54
1719.000000	27.9	100.0	H	119.0	33.7	-5.8	26.1	54
1993.000000	33.2	100.0	V	338.0	38.0	-4.8	20.8	54
2196.500000	32.0	100.0	V	273.0	36.0	-4.0	22.0	54
2506.500000	30.5	100.0	V	228.0	33.3	-2.8	23.5	54

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

RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.  
Radiates Emission from 3GHz to 8GHz

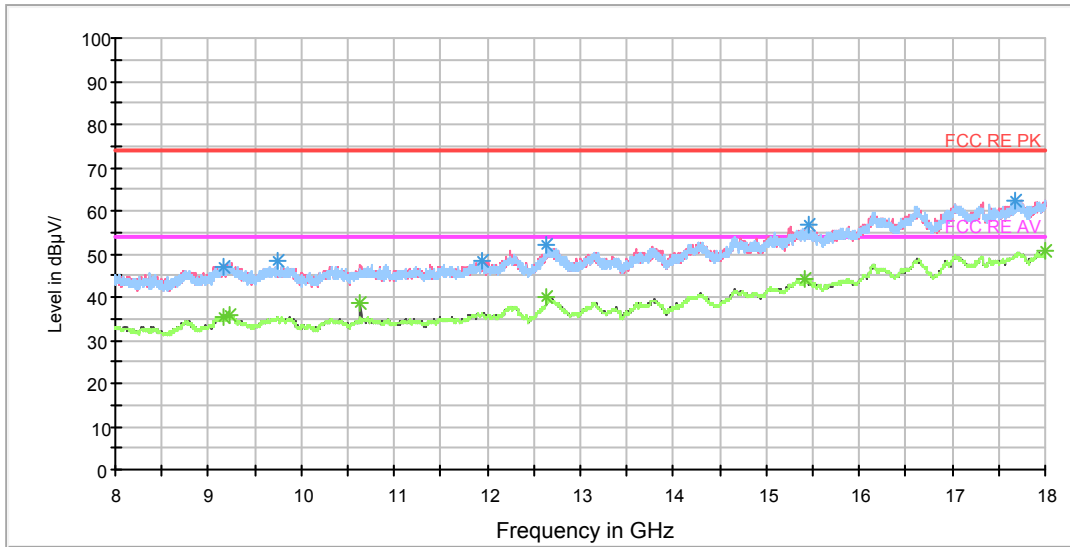
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3421.875000	39.1	100.0	H	60.0	41.6	-2.5	34.9	74
3773.125000	43.0	100.0	H	0.0	44.7	-1.7	31.0	74
4856.875000	42.3	100.0	V	301.0	40.6	1.7	31.7	74
6638.125000	45.3	100.0	H	234.0	39.8	5.5	28.7	74
6996.875000	46.3	100.0	H	260.0	39.8	6.5	27.7	74
7558.125000	45.3	100.0	H	0.0	38.3	7.0	28.7	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)
3503.125000	26.7	100.0	V	251.0	28.8	-2.1	27.3	54
3776.875000	28.5	100.0	H	0.0	30.3	-1.8	25.5	54
4858.750000	29.8	100.0	H	36.0	28.1	1.7	24.2	54
6150.000000	33.2	100.0	V	126.0	27.7	5.5	20.8	54
6998.750000	34.2	100.0	H	6.0	27.7	6.5	19.8	54
7543.125000	33.3	100.0	H	134.0	26.3	7.0	20.7	54

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

RE 3-18GHz PK+AV



Radiates Emission from 8GHz to 18GHz

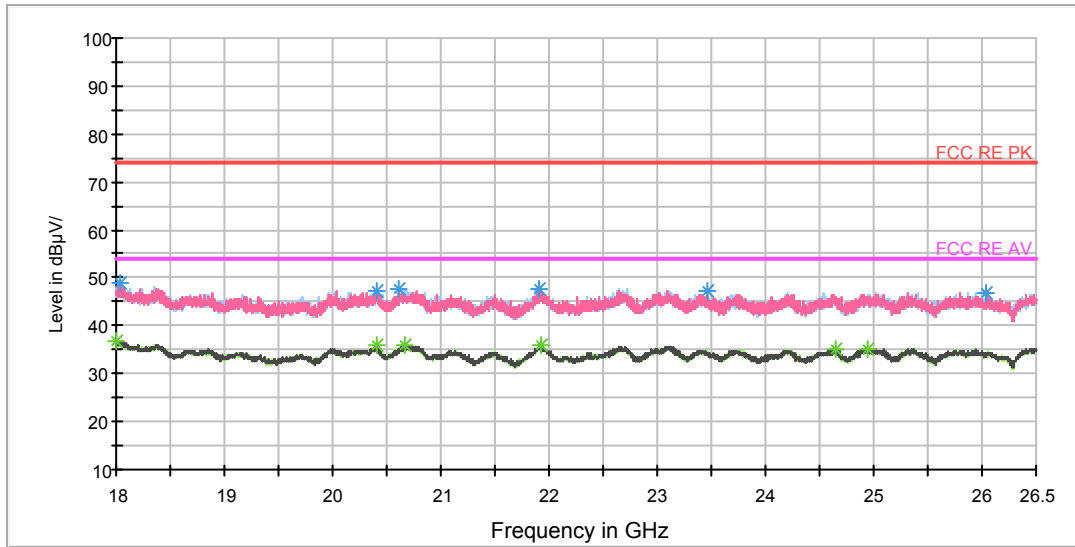
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9155.000000	47.1	100.0	H	89.0	36.8	10.3	26.9	74
9753.750000	48.3	100.0	H	89.0	38.6	9.7	25.7	74
11951.250000	48.6	100.0	V	0.0	36.8	11.8	25.4	74
12638.750000	51.9	100.0	H	0.0	37.5	14.4	22.1	74
15463.750000	56.6	200.0	V	0.0	37.0	19.6	17.4	74
17680.000000	62.2	200.0	H	271.0	37.7	24.5	11.8	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)
9155.000000	35.2	100.0	V	352.0	24.9	10.3	18.8	54
9227.500000	35.7	200.0	V	89.0	25.8	9.9	18.3	54
10640.000000	38.8	100.0	V	299.0	28.0	10.8	15.2	54
12640.000000	40.2	200.0	V	308.0	25.6	14.6	13.8	54
15417.500000	44.0	100.0	H	35.0	24.7	19.3	10.0	54
18000.000000	50.5	100.0	H	35.0	25.0	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

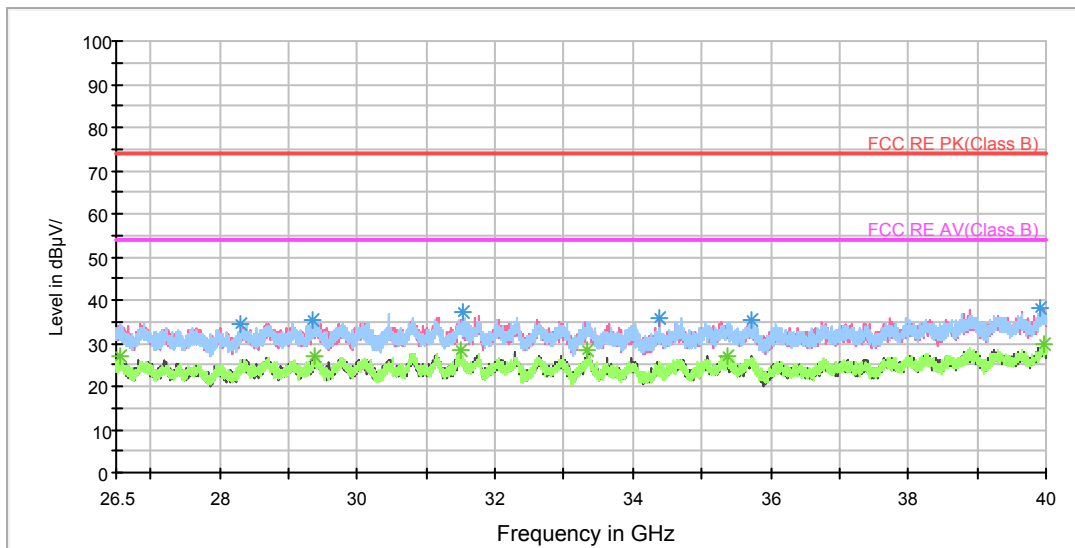
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18030.812500	48.8	V	141.0	50.7	-1.9	25.2	74
20414.000000	47.4	V	64.0	53.5	-6.1	26.6	74
20620.125000	47.9	V	75.0	54.4	-6.5	26.1	74
21902.562500	47.8	V	271.0	55.8	-8.0	26.2	74
23454.875000	47.1	H	254.0	53.0	-5.9	26.9	74
26030.375000	46.8	H	0.0	52.2	-5.4	27.2	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)
18005.312500	36.8	V	184.0	38.6	-1.8	17.2	54
20404.437500	35.8	H	0.0	41.9	-6.1	18.2	54
20662.625000	35.8	V	31.0	42.4	-6.6	18.2	54
21923.812500	35.8	V	0.0	43.8	-8.0	18.2	54
24645.937500	35.0	H	0.0	41.0	-6.0	19.0	54
24949.812500	35.3	V	184.0	41.2	-5.9	18.7	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)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28309.000000	34.6	H	170.0	36.1	-1.5	39.4	74
29362.000000	35.1	V	250.0	36.0	-0.9	38.9	74
31535.500000	37.0	H	195.0	37.5	-0.5	37.0	74
34392.437500	35.9	V	250.0	37.0	-1.1	38.1	74
35734.000000	35.2	V	181.0	35.5	-0.3	38.8	74
39905.500000	38.2	H	158.0	35.9	2.3	35.8	74

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

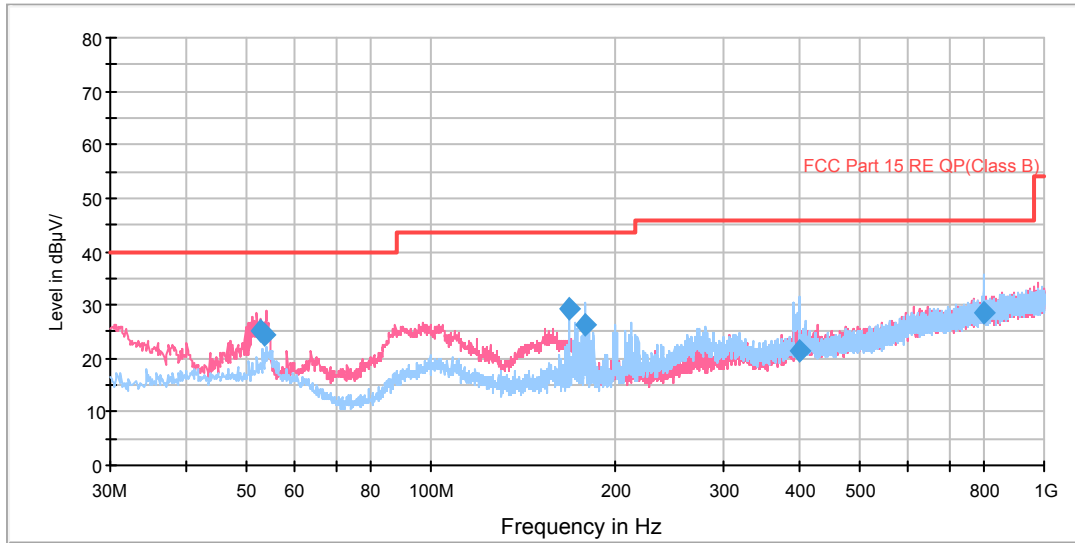
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
26565.812500	26.8	H	158.0	27.2	-0.4	27.2	54
29380.562500	27.0	V	169.0	27.9	-0.9	27.0	54
31511.875000	28.3	H	195.0	28.8	-0.5	25.7	54
33327.625000	28.2	H	150.0	29.2	-1.0	25.8	54
35384.687500	27.0	V	228.0	27.5	-0.5	27.0	54
39969.625000	29.8	H	150.0	27.5	2.3	24.2	54

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



802.11ac (HT20) CH100

FCC RE 0.03-1GHz QP Class B



Radiates Emission from 30MHz to 1GHz

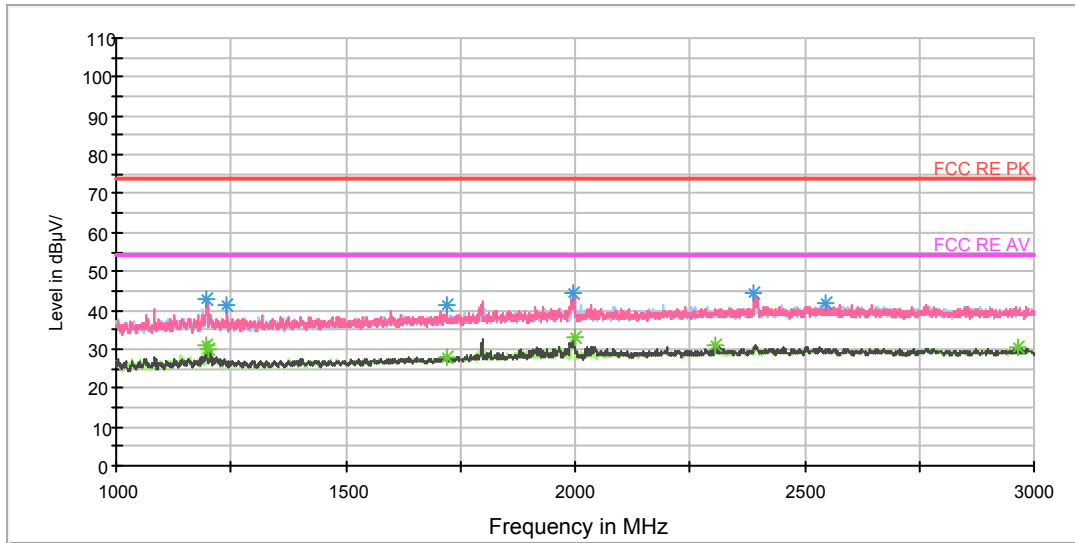
Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
52.667500	25.2	100.0	V	291.0	12.2	13.0	14.8	40.0
53.526250	24.4	100.0	V	301.0	11.6	12.8	15.6	40.0
167.982500	29.4	125.0	H	283.0	19.0	10.4	14.1	43.5
178.891250	26.1	114.0	H	277.0	15.3	10.8	17.4	43.5
399.082500	21.5	100.0	H	25.0	3.5	18.0	24.5	46.0
797.637500	28.5	100.0	H	235.0	3.6	24.9	17.5	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-6GHz PK+AV Class B



Radiates Emission from 1GHz to 3GHz

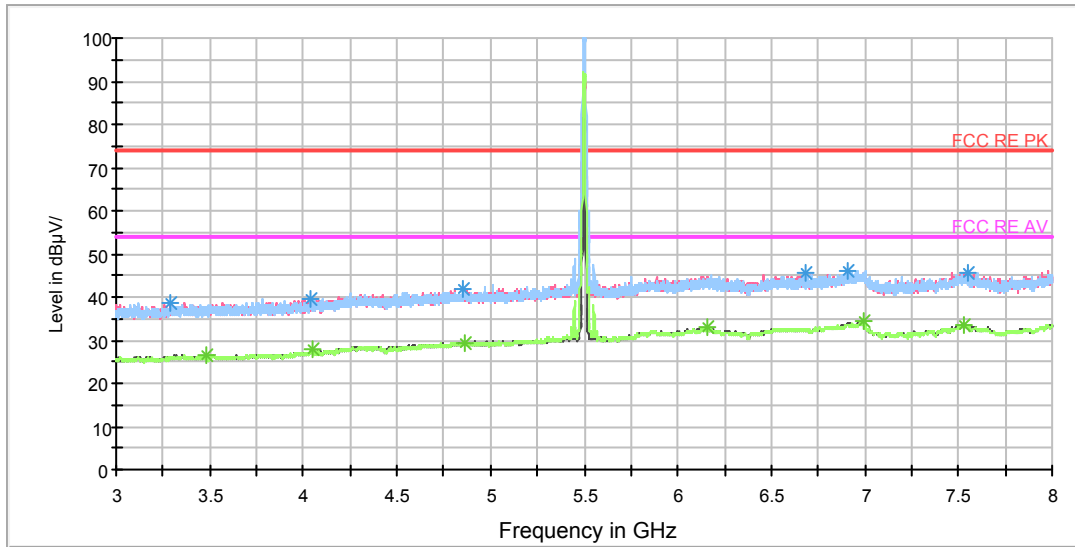
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1196.000000	42.8	100.0	V	0.0	50.4	-7.6	31.2	74
1242.000000	41.1	100.0	V	11.0	48.5	-7.4	32.9	74
1720.000000	41.2	100.0	V	293.0	47.0	-5.8	32.8	74
1994.000000	44.7	100.0	H	305.0	49.5	-4.8	29.3	74
2390.500000	44.3	100.0	V	352.0	47.5	-3.2	29.7	74
2548.000000	41.6	100.0	H	226.0	44.4	-2.8	32.4	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)
1195.500000	30.8	100.0	V	2.0	38.4	-7.6	23.2	54
1201.000000	30.2	100.0	V	2.0	37.8	-7.6	23.8	54
1720.000000	28.1	100.0	V	293.0	33.9	-5.8	25.9	54
1999.500000	33.0	100.0	H	272.0	37.8	-4.8	21.0	54
2304.000000	30.8	100.0	V	258.0	34.4	-3.6	23.2	54
2964.500000	30.7	100.0	H	192.0	33.2	-2.5	23.3	54

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

RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.  
Radiates Emission from 3GHz to 8GHz

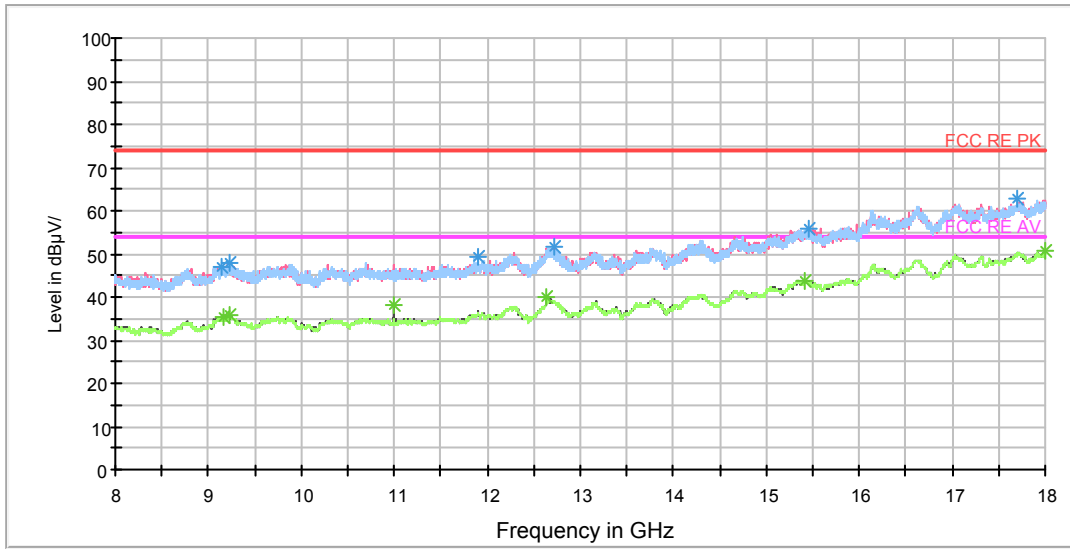
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3289.375000	38.6	100.0	V	151.0	40.8	-2.2	35.4	74
4043.125000	39.7	100.0	H	0.0	40.7	-1.0	34.3	74
4856.250000	41.9	100.0	H	184.0	40.2	1.7	32.1	74
6678.125000	45.8	100.0	H	59.0	40.3	5.5	28.2	74
6910.000000	46.1	100.0	V	177.0	39.9	6.2	27.9	74
7551.875000	45.4	100.0	V	0.0	38.4	7.0	28.6	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)
3480.000000	26.5	100.0	V	350.0	28.5	-2.0	27.5	54
4046.250000	27.8	100.0	H	0.0	28.8	-1.0	26.2	54
4859.375000	29.5	100.0	H	0.0	27.8	1.7	24.5	54
6155.625000	33.2	100.0	V	151.0	27.6	5.6	20.8	54
6997.500000	34.4	100.0	V	0.0	27.9	6.5	19.6	54
7530.625000	33.5	100.0	V	0.0	26.4	7.1	20.5	54

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

RE 3-18GHz PK+AV



Radiates Emission from 8GHz to 18GHz

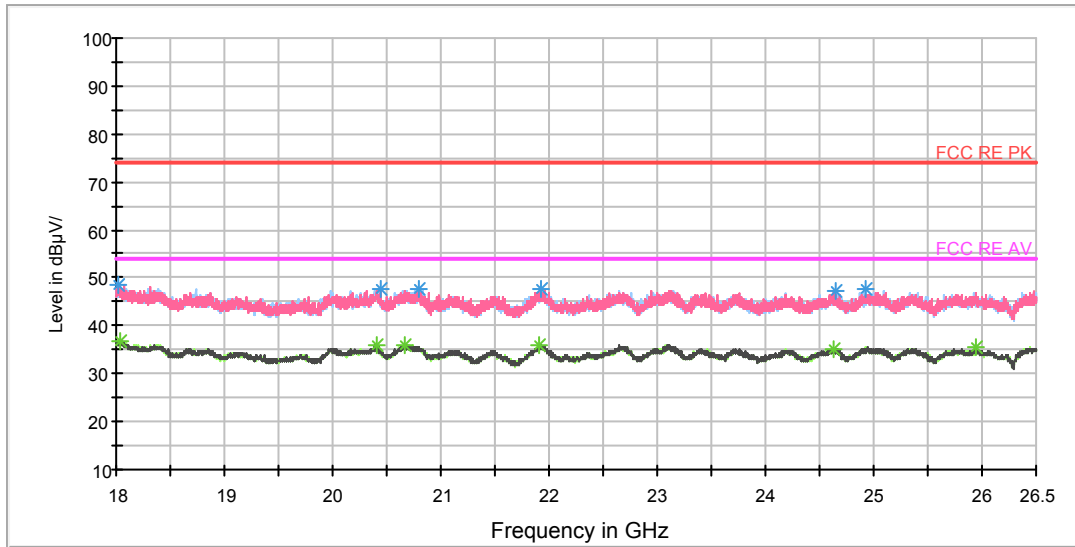
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9148.750000	47.0	100.0	V	0.0	36.9	10.1	27.0	74
9238.750000	47.8	100.0	V	272.0	37.9	9.9	26.2	74
11900.000000	49.2	100.0	H	225.0	36.9	12.3	24.8	74
12710.000000	51.5	100.0	V	0.0	37.5	14.0	22.5	74
15465.000000	55.9	200.0	V	115.0	36.2	19.7	18.1	74
17697.500000	62.7	100.0	H	170.0	38.0	24.7	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)
9157.500000	35.2	200.0	V	35.0	24.9	10.3	18.8	54
9238.750000	35.7	200.0	V	197.0	25.8	9.9	18.3	54
11000.000000	38.4	100.0	V	218.0	28.9	9.5	15.6	54
12640.000000	39.9	100.0	V	165.0	25.3	14.6	14.1	54
15420.000000	43.9	200.0	H	22.0	24.5	19.4	10.1	54
17996.250000	50.6	200.0	V	143.0	25.2	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

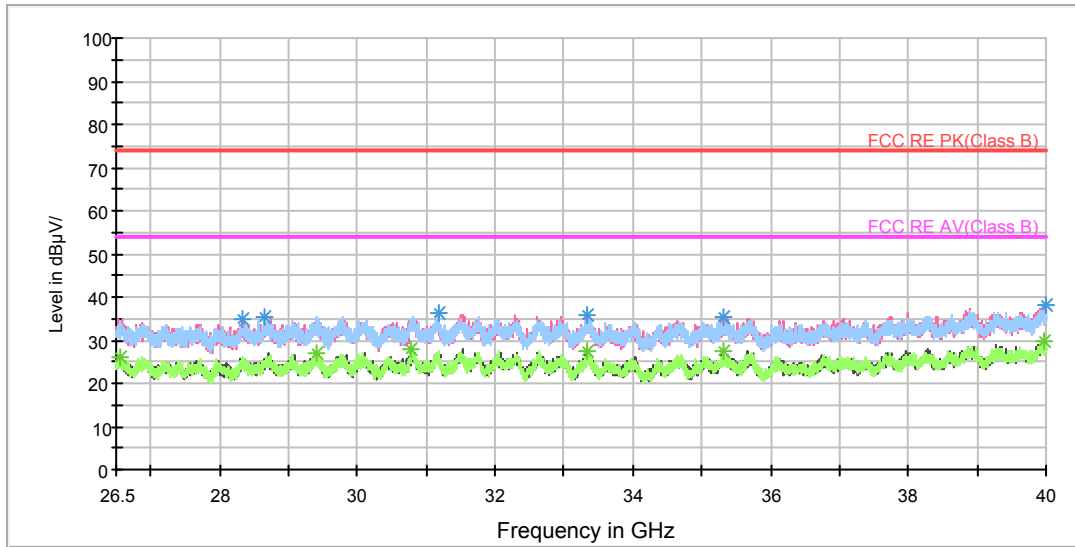
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18020.187500	48.6	V	98.0	50.5	-1.9	25.4	74
20437.375000	47.7	V	131.0	53.8	-6.1	26.3	74
20802.875000	47.8	V	98.0	54.7	-6.9	26.2	74
21923.812500	47.8	V	195.0	55.8	-8.0	26.2	74
24651.250000	47.1	H	235.0	53.1	-6.0	26.9	74
24928.562500	47.6	H	246.0	53.5	-5.9	26.4	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)
18038.250000	36.7	H	246.0	38.7	-2.0	17.3	54
20412.937500	35.8	V	152.0	41.9	-6.1	18.2	54
20667.937500	35.9	H	342.0	42.5	-6.6	18.1	54
21901.500000	36.0	H	117.0	44.0	-8.0	18.0	54
24636.375000	35.3	H	34.0	41.3	-6.0	18.7	54
25936.875000	35.5	V	66.0	40.9	-5.4	18.5	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)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28322.500000	34.7	V	250.0	36.2	-1.5	39.3	74
28663.375000	35.5	V	250.0	36.9	-1.4	38.5	74
31171.000000	36.1	H	150.0	36.5	-0.4	37.9	74
33341.125000	35.9	V	238.0	36.9	-1.0	38.1	74
35313.812500	35.3	H	170.0	35.8	-0.5	38.7	74
39988.187500	38.0	V	192.0	35.7	2.3	36.0	74

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

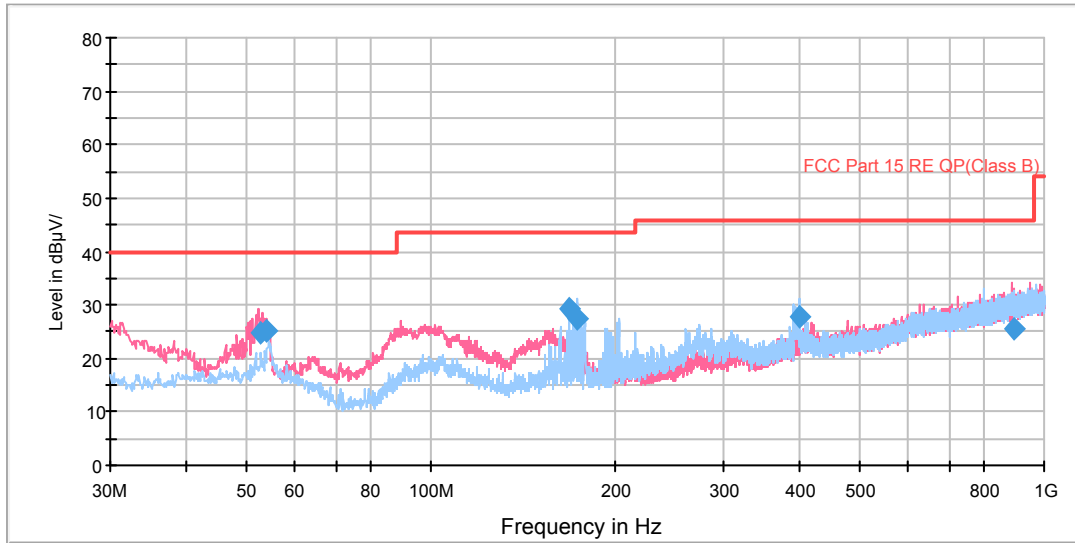
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
26560.750000	25.9	V	214.0	26.3	-0.4	28.1	54
29416.000000	26.9	V	250.0	27.8	-0.9	27.1	54
30782.875000	28.1	V	227.0	28.5	-0.4	25.9	54
33346.187500	27.4	H	150.0	28.4	-1.0	26.6	54
35305.375000	27.3	H	150.0	27.8	-0.5	26.7	54
39967.937500	29.6	H	182.0	27.3	2.3	24.4	54

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



802.11ac (HT20) CH116

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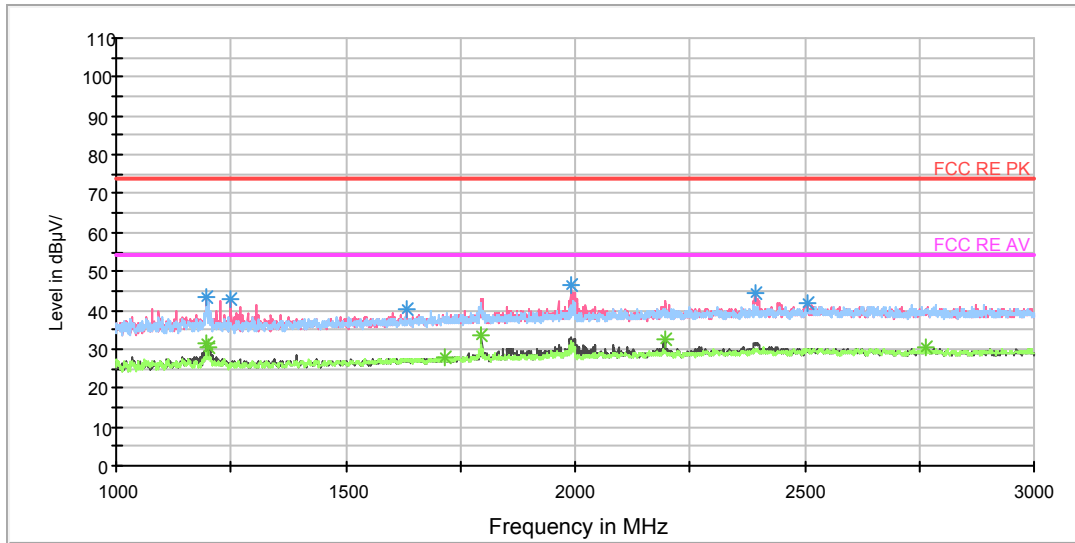
Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
52.710000	24.9	100.0	V	305.0	11.9	13.0	15.1	40.0
54.007500	25.0	100.0	V	288.0	12.0	13.0	15.0	40.0
167.982500	29.3	125.0	H	279.0	18.9	10.4	14.2	43.5
173.758750	27.5	125.0	H	273.0	16.8	10.7	16.0	43.5
399.570000	27.7	100.0	H	47.0	9.5	18.2	18.3	46.0
889.982500	25.6	125.0	V	0.0	-1.0	26.6	20.4	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-6GHz PK+AV Class B



Radiates Emission from 1GHz to 3GHz

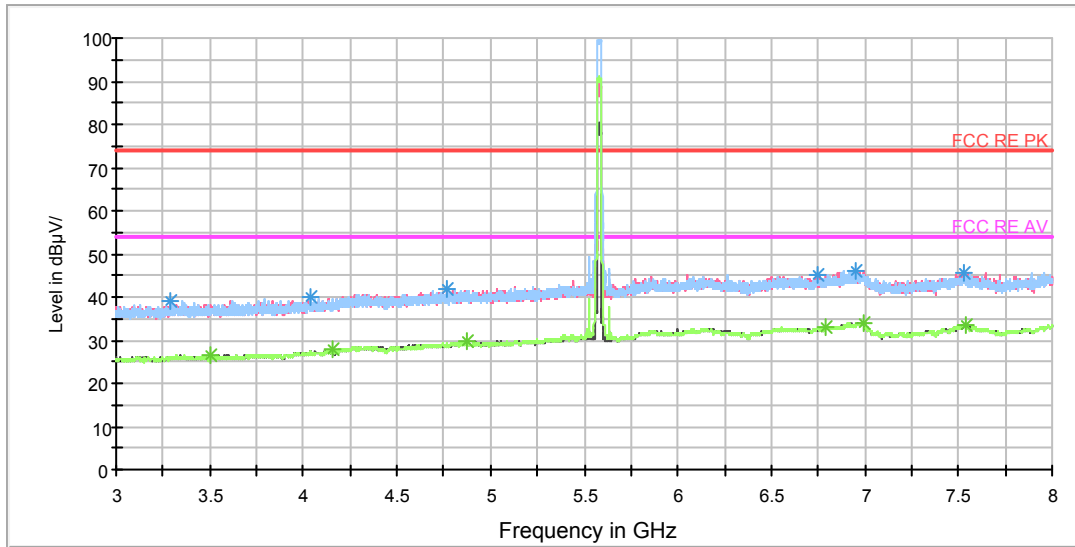
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1197.500000	43.2	100.0	V	356.0	50.8	-7.6	30.8	74
1250.000000	42.8	100.0	V	339.0	50.2	-7.4	31.2	74
1632.000000	40.1	100.0	V	198.0	46.2	-6.1	33.9	74
1991.000000	46.3	100.0	V	320.0	51.1	-4.8	27.7	74
2391.000000	44.5	100.0	V	274.0	47.7	-3.2	29.5	74
2508.000000	41.9	100.0	V	242.0	44.7	-2.8	32.1	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)
1197.500000	31.4	100.0	V	356.0	39.0	-7.6	22.6	54
1201.500000	30.7	100.0	V	339.0	38.3	-7.6	23.3	54
1715.500000	28.0	100.0	H	4.0	33.8	-5.8	26.0	54
1796.000000	33.4	100.0	V	263.0	38.9	-5.5	20.6	54
2197.000000	32.3	100.0	V	274.0	36.3	-4.0	21.7	54
2765.500000	30.4	100.0	V	128.0	33.0	-2.6	23.6	54

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

RE 3-18GHz PK+AV



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)
3294.375000	39.2	100.0	H	88.0	41.4	-2.2	34.8	74
4043.125000	39.8	100.0	H	236.0	40.8	-1.0	34.2	74
4771.250000	42.0	100.0	V	352.0	40.9	1.1	32.0	74
6746.250000	45.2	100.0	V	227.0	39.7	5.5	28.8	74
6948.125000	46.0	100.0	H	113.0	39.8	6.2	28.0	74
7527.500000	45.5	100.0	V	352.0	38.4	7.1	28.5	74

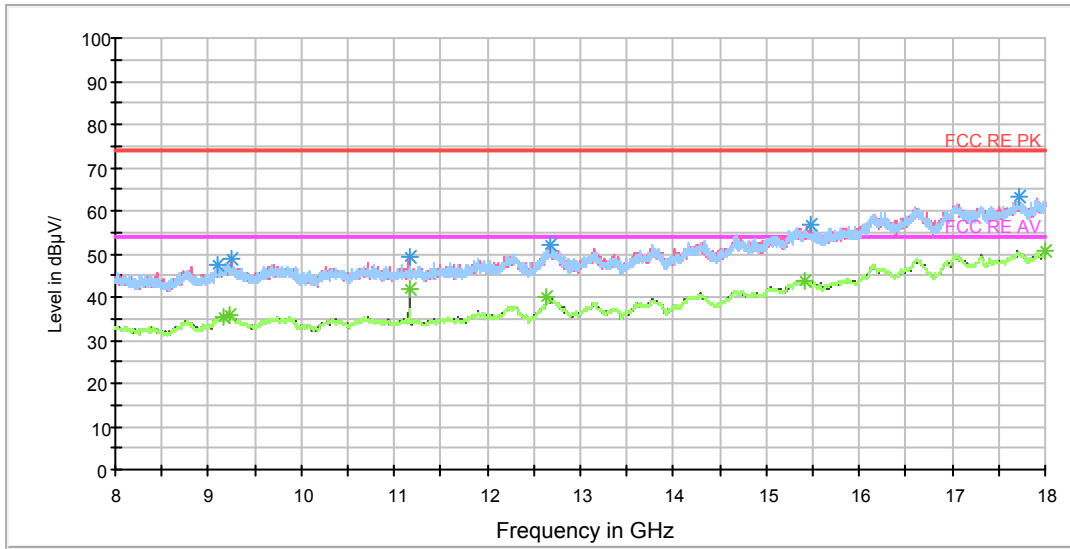
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3507.500000	26.4	100.0	V	0.0	28.4	-2.0	27.6	54
4159.375000	27.8	100.0	H	0.0	27.8	0.0	26.2	54
4875.000000	29.6	100.0	V	126.0	27.8	1.8	24.4	54
6789.375000	33.0	100.0	V	276.0	27.3	5.7	21.0	54
6997.500000	34.2	100.0	V	0.0	27.7	6.5	19.8	54
7538.125000	33.5	100.0	V	252.0	26.5	7.0	20.5	54

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



RE 3-18GHz PK+AV



Radiates Emission from 8GHz to 18GHz

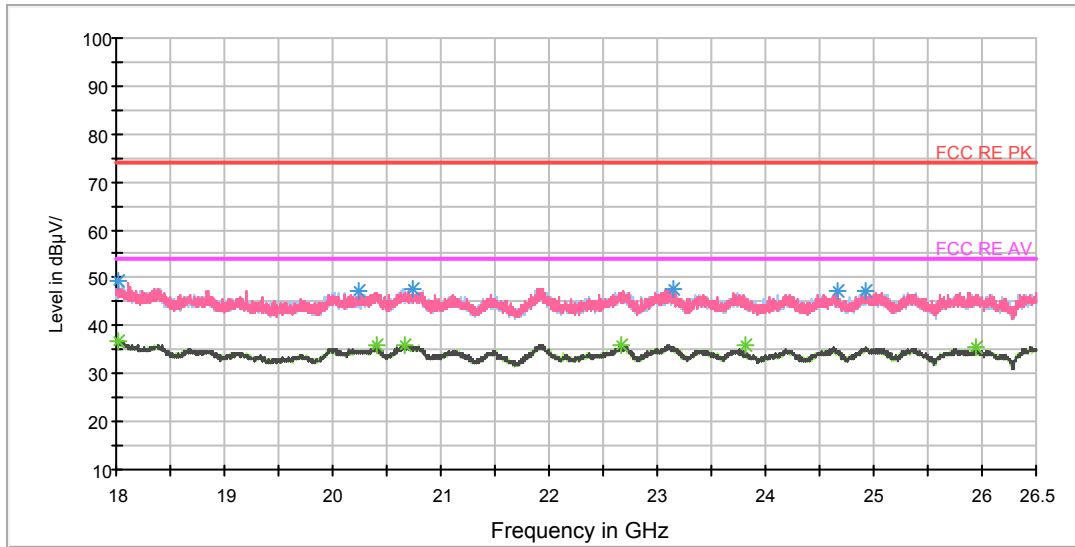
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9108.750000	47.3	101.0	H	117.0	37.6	9.7	26.7	74
9240.000000	48.7	100.0	V	304.0	38.8	9.9	25.3	74
11160.000000	49.2	100.0	V	222.0	38.2	11.0	24.8	74
12680.000000	51.9	200.0	V	87.0	37.6	14.3	22.1	74
15480.000000	56.5	100.0	V	0.0	36.6	19.9	17.5	74
17722.500000	63.4	200.0	H	0.0	38.9	24.5	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)
9155.000000	35.3	100.0	V	0.0	25.0	10.3	18.7	54
9236.250000	35.8	200.0	H	272.0	25.9	9.9	18.2	54
11160.000000	41.7	100.0	V	222.0	30.7	11.0	12.3	54
12640.000000	40.2	200.0	H	0.0	25.6	14.6	13.8	54
15417.500000	43.8	200.0	V	0.0	24.5	19.3	10.2	54
17997.500000	50.6	200.0	H	136.0	25.2	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

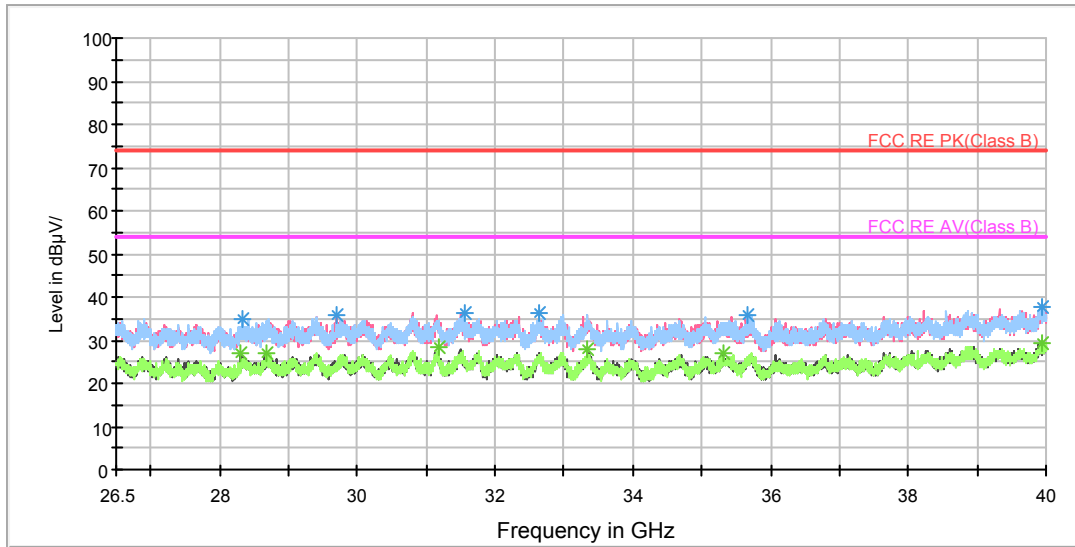
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18021.250000	49.2	H	188.0	51.1	-1.9	24.8	74
20238.687500	47.3	H	338.0	53.2	-5.9	26.7	74
20735.937500	47.8	H	156.0	54.6	-6.8	26.2	74
23151.000000	47.8	H	284.0	53.9	-6.1	26.2	74
24670.375000	47.4	V	327.0	53.4	-6.0	26.6	74
24931.750000	47.2	V	0.0	53.1	-5.9	26.8	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)
18009.562500	36.6	H	273.0	38.4	-1.8	17.4	54
20405.500000	35.9	V	0.0	42.0	-6.1	18.1	54
20672.187500	35.9	V	110.0	42.5	-6.6	18.1	54
22658.000000	36.1	H	338.0	42.7	-6.6	17.9	54
23808.687500	35.9	H	242.0	41.8	-5.9	18.1	54
25936.875000	35.7	V	206.0	41.1	-5.4	18.3	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)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28337.687500	34.7	H	150.0	36.2	-1.5	39.3	74
29711.312500	35.6	V	195.0	36.2	-0.6	38.4	74
31560.812500	36.3	H	246.0	36.8	-0.5	37.7	74
32627.312500	36.1	H	150.0	36.8	-0.7	37.9	74
35673.250000	35.9	H	150.0	36.3	-0.4	38.1	74
39954.437500	37.5	V	219.0	35.2	2.3	36.5	74

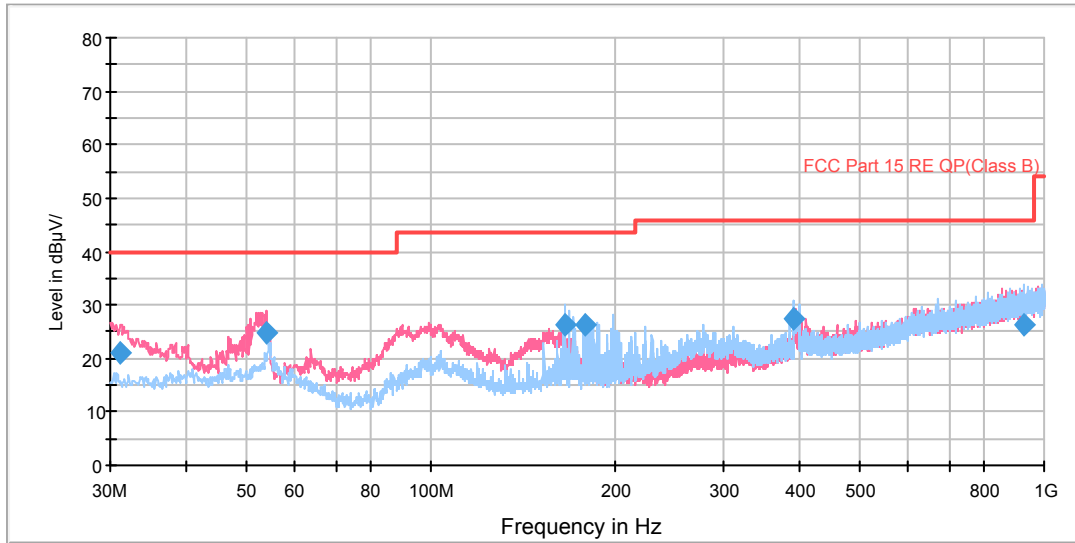
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28310.687500	26.9	V	183.0	28.4	-1.5	27.1	54
28680.250000	26.9	V	231.0	28.3	-1.4	27.1	54
31177.750000	28.3	H	150.0	28.7	-0.4	25.7	54
33341.125000	27.8	V	241.0	28.8	-1.0	26.2	54
35302.000000	27.1	V	150.0	27.6	-0.5	26.9	54
39934.187500	29.4	V	250.0	27.1	2.3	24.6	54

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

802.11ac (HT20) CH144

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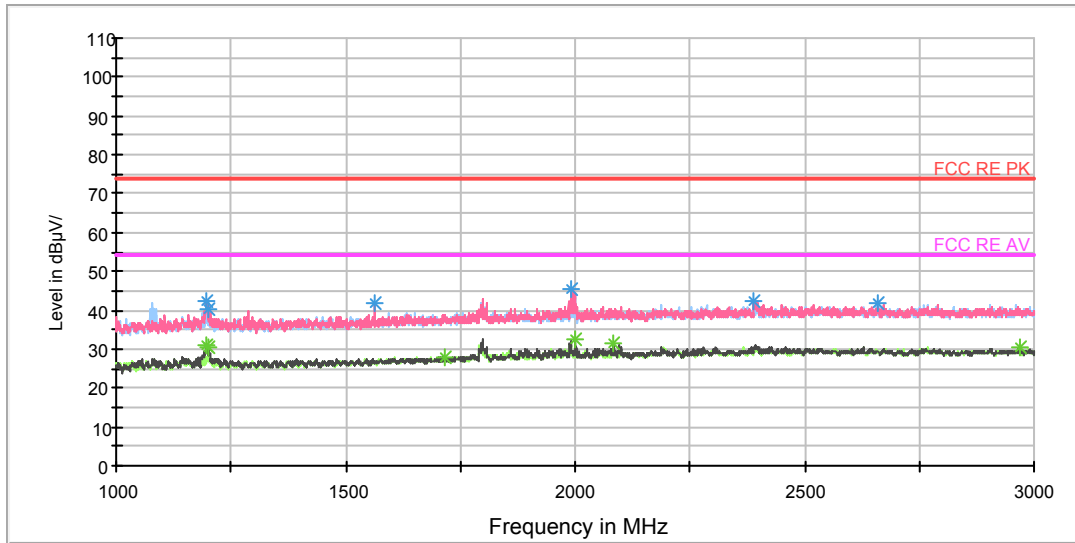


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
31.258750	21.0	100.0	V	29.0	9.0	12.0	19.0	40.0
54.006250	25.0	100.0	V	314.0	12.0	13.0	15.0	40.0
165.678750	26.2	114.0	H	272.0	16.0	10.2	17.3	43.5
178.895000	26.1	125.0	H	272.0	15.3	10.8	17.4	43.5
390.678750	27.6	100.0	H	31.0	9.6	18.0	18.4	46.0
927.975000	26.2	100.0	H	4.0	-0.8	27.0	19.8	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-6GHz PK+AV Class B



Radiates Emission from 1GHz to 3GHz

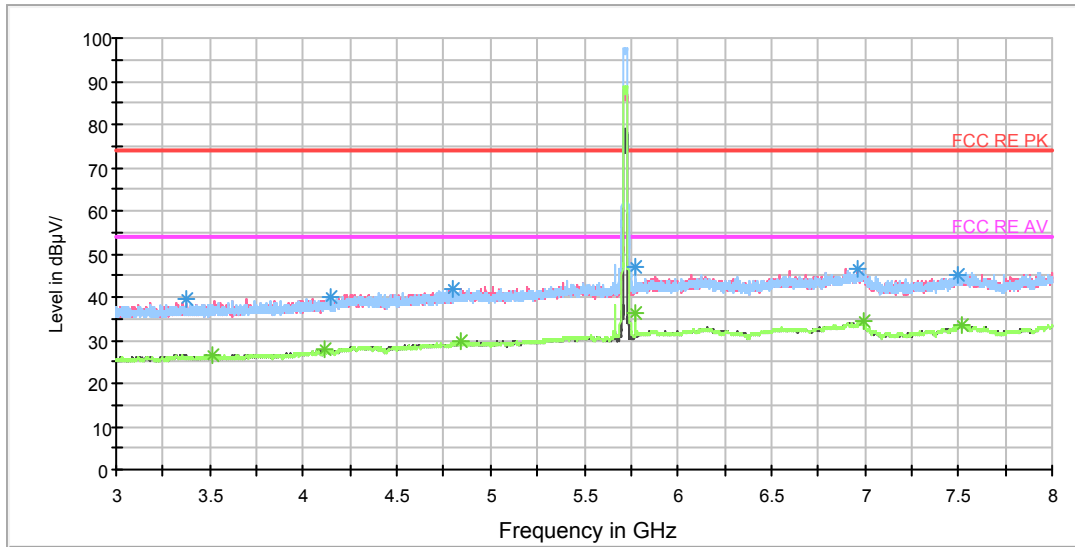
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1197.500000	42.6	100.0	V	352.0	50.2	-7.6	31.4	74
1202.000000	40.4	100.0	V	0.0	47.9	-7.5	33.6	74
1565.000000	41.7	100.0	V	46.0	48.1	-6.4	32.3	74
1992.500000	45.4	100.0	V	266.0	50.2	-4.8	28.6	74
2389.500000	42.3	100.0	V	266.0	45.5	-3.2	31.7	74
2657.500000	41.8	100.0	H	349.0	44.5	-2.7	32.2	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)
1198.000000	31.1	100.0	V	5.0	38.7	-7.6	22.9	54
1202.000000	30.6	100.0	V	0.0	38.1	-7.5	23.4	54
1715.000000	28.0	100.0	V	80.0	33.8	-5.8	26.0	54
2001.500000	32.6	100.0	V	340.0	37.4	-4.8	21.4	54
2085.000000	31.6	100.0	V	303.0	36.0	-4.4	22.4	54
2968.000000	30.5	100.0	V	174.0	33.0	-2.5	23.5	54

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

RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.  
Radiates Emission from 3GHz to 8GHz

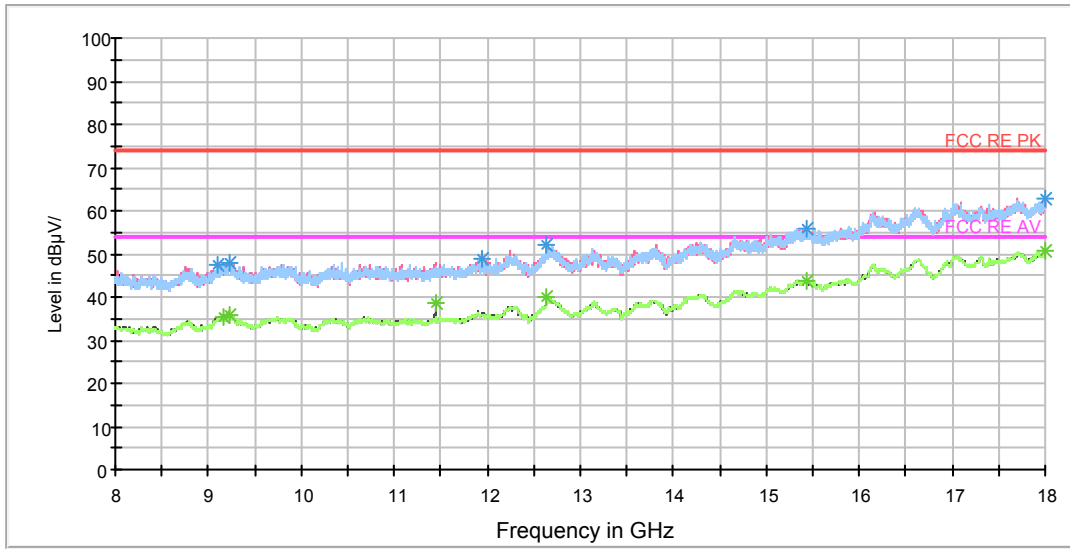
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3376.875000	39.4	100.0	H	136.0	42.0	-2.6	34.6	74
4147.500000	40.2	100.0	H	87.0	40.4	-0.2	33.8	74
4801.875000	42.0	100.0	H	136.0	40.7	1.3	32.0	74
5772.500000	46.8	100.0	H	0.0	43.0	3.8	27.2	74
6961.875000	46.5	100.0	V	350.0	40.3	6.2	27.5	74
7492.500000	44.9	100.0	H	37.0	38.1	6.8	29.1	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)
3511.250000	26.5	100.0	V	124.0	28.5	-2.0	27.5	54
4117.500000	27.7	100.0	V	0.0	28.2	-0.5	26.3	54
4846.875000	29.6	100.0	V	0.0	28.0	1.6	24.4	54
5771.875000	36.1	100.0	H	0.0	32.3	3.8	17.9	54
6996.250000	34.2	100.0	V	0.0	27.7	6.5	19.8	54
7522.500000	33.3	100.0	V	225.0	26.2	7.1	20.7	54

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

RE 3-18GHz PK+AV



Radiates Emission from 8GHz to 18GHz

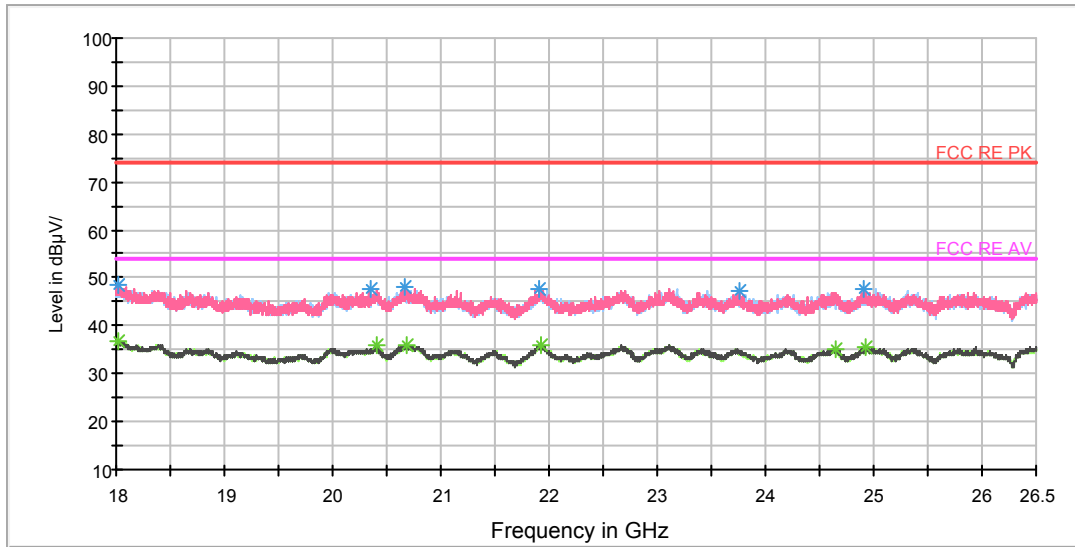
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9097.500000	47.3	200.0	V	116.0	37.8	9.5	26.7	74
9222.500000	48.1	200.0	V	0.0	38.2	9.9	25.9	74
11938.750000	48.9	101.0	H	0.0	37.1	11.8	25.1	74
12640.000000	52.0	101.0	V	136.0	37.4	14.6	22.0	74
15430.000000	55.9	101.0	H	0.0	36.4	19.5	18.1	74
17990.000000	62.7	200.0	H	0.0	37.5	25.2	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	35.3	101.0	H	88.0	25.0	10.3	18.7	54
9238.750000	35.8	101.0	H	168.0	25.9	9.9	18.2	54
11440.000000	38.7	101.0	V	216.0	28.6	10.1	15.3	54
12637.500000	40.0	200.0	H	163.0	25.7	14.3	14.0	54
15428.750000	43.9	200.0	H	0.0	24.4	19.5	10.1	54
18000.000000	50.6	200.0	V	9.0	25.1	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)
18017.000000	48.7	H	158.0	50.6	-1.9	25.3	74
20342.812500	47.8	H	0.0	53.8	-6.0	26.2	74
20670.062500	48.3	V	19.0	54.9	-6.6	25.7	74
21908.937500	47.8	V	163.0	55.8	-8.0	26.2	74
23751.312500	47.3	V	339.0	53.2	-5.9	26.7	74
24899.875000	47.7	V	0.0	53.6	-5.9	26.3	74

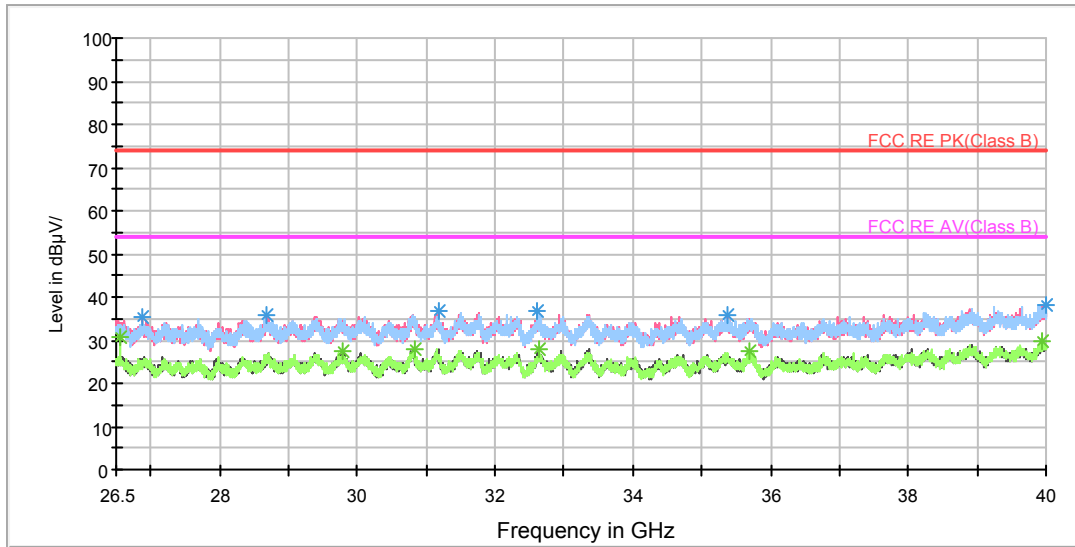
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18015.937500	36.6	H	277.0	38.5	-1.9	17.4	54
20401.250000	35.8	V	0.0	41.9	-6.1	18.2	54
20687.062500	35.9	V	249.0	42.6	-6.7	18.1	54
21922.750000	36.0	V	108.0	44.0	-8.0	18.0	54
24639.562500	35.2	V	294.0	41.2	-6.0	18.8	54
24929.625000	35.4	H	212.0	41.3	-5.9	18.6	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)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
26866.187500	35.2	V	135.0	36.0	-0.8	38.8	74
28683.625000	35.8	V	311.0	37.2	-1.4	38.2	74
31172.687500	36.5	V	265.0	36.9	-0.4	37.5	74
32607.062500	36.9	H	43.0	37.6	-0.7	37.1	74
35371.187500	35.7	V	222.0	36.2	-0.5	38.3	74
40000.000000	38.2	H	130.0	35.9	2.3	35.8	74

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

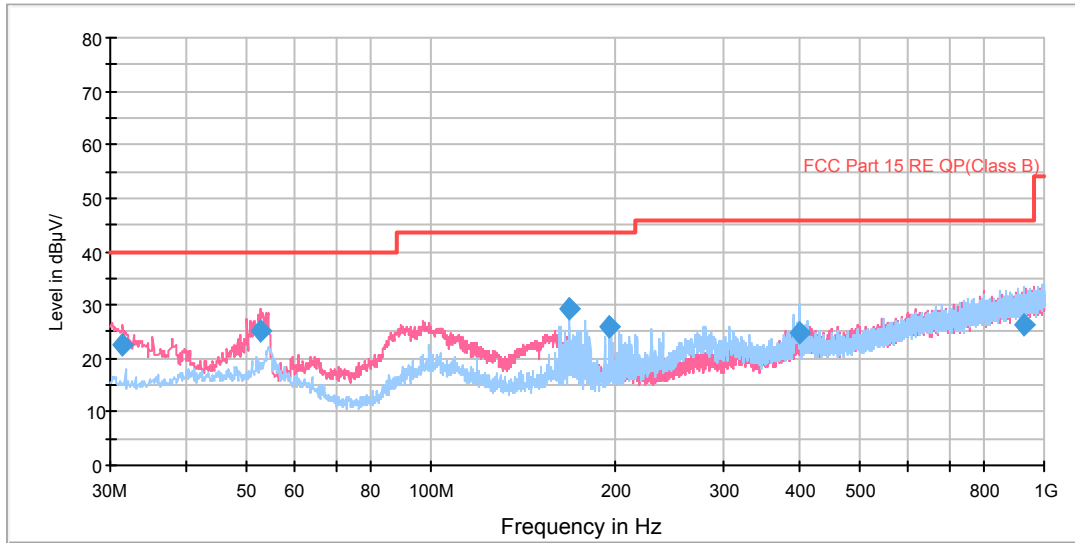
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
26564.125000	30.6	H	306.0	31.0	-0.4	23.4	54
29800.750000	27.4	V	6.0	28.0	-0.6	26.6	54
30833.500000	27.9	H	195.0	28.3	-0.4	26.1	54
32640.812500	28.1	H	0.0	28.8	-0.7	25.9	54
35683.375000	27.4	V	254.0	27.8	-0.4	26.6	54
39949.375000	29.7	V	0.0	27.4	2.3	24.3	54

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



802.11ac (HT20) CH149

FCC RE 0.03-1GHz QP Class B

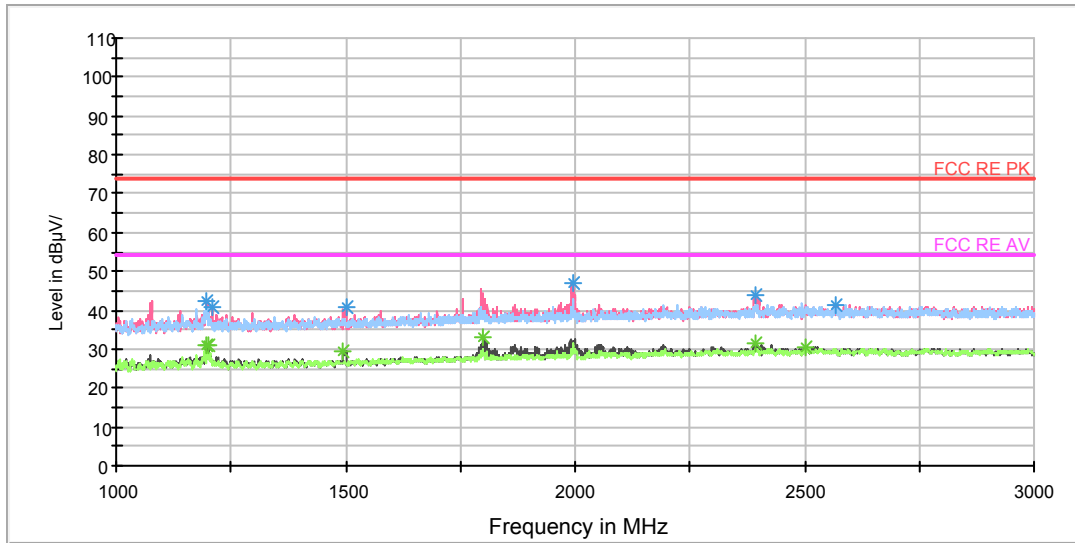


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
31.415000	22.7	100.0	V	110.0	10.7	12.0	17.3	40.0
52.753750	25.3	100.0	V	289.0	12.3	13.0	14.7	40.0
167.982500	29.4	125.0	H	281.0	19.0	10.4	14.1	43.5
195.788750	26.1	125.0	H	272.0	14.1	12.0	17.4	43.5
399.050000	25.0	100.0	H	111.0	7.1	17.9	21.0	46.0
929.997500	26.2	114.0	H	286.0	-0.9	27.1	19.8	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-6GHz PK+AV Class B



Radiates Emission from 1GHz to 3GHz

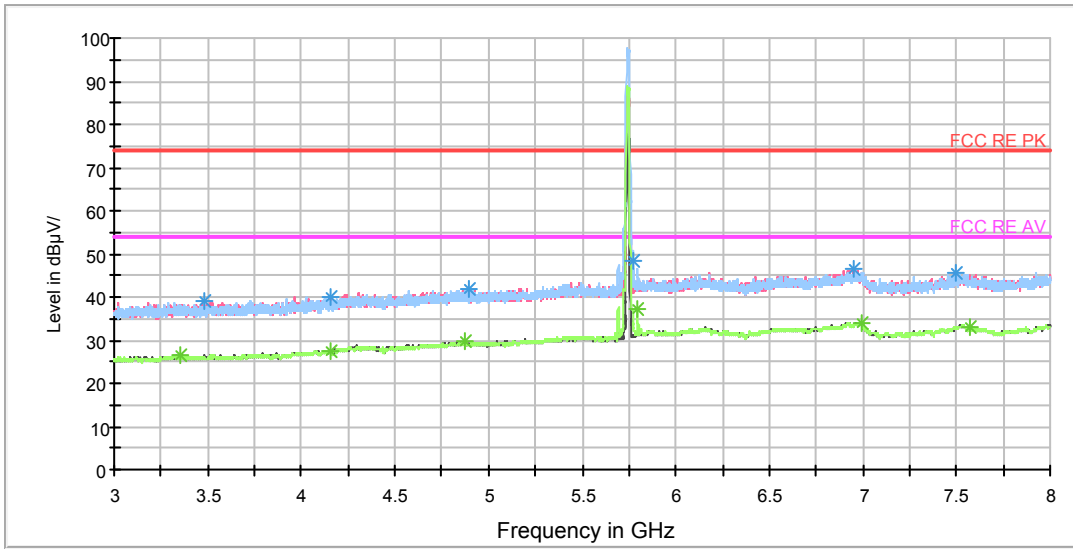
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1198.500000	42.5	100.0	V	0.0	50.1	-7.6	31.5	74
1209.000000	41.0	100.0	V	218.0	48.5	-7.5	33.0	74
1501.000000	40.7	100.0	V	274.0	47.3	-6.6	33.3	74
1993.500000	47.2	100.0	V	351.0	52.0	-4.8	26.8	74
2393.500000	43.7	100.0	V	0.0	46.9	-3.2	30.3	74
2569.000000	41.6	100.0	V	339.0	44.4	-2.8	32.4	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)
1196.500000	31.1	100.0	V	0.0	38.7	-7.6	22.9	54
1201.000000	30.8	100.0	V	0.0	38.4	-7.6	23.2	54
1494.500000	29.7	100.0	V	274.0	36.4	-6.7	24.3	54
1799.500000	32.9	100.0	V	285.0	38.4	-5.5	21.1	54
2393.000000	31.5	100.0	V	339.0	34.7	-3.2	22.5	54
2504.000000	30.6	100.0	V	356.0	33.4	-2.8	23.4	54

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

RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.  
Radiates Emission from 3GHz to 8GHz

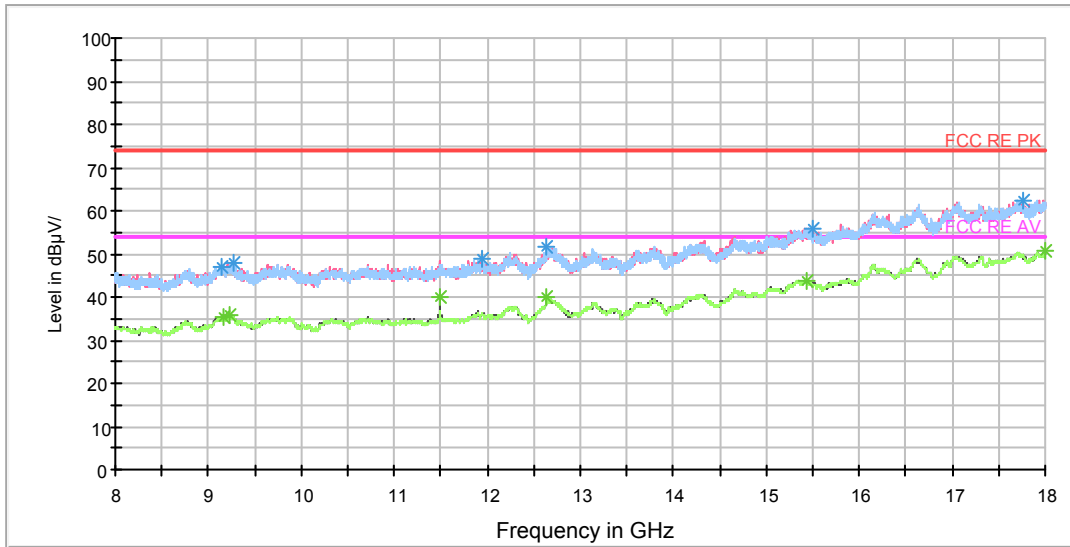
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3478.125000	39.2	100.0	H	262.0	41.2	-2.0	34.8	74
4155.000000	40.1	100.0	V	0.0	40.2	-0.1	33.9	74
4897.500000	41.9	100.0	V	251.0	40.0	1.9	32.1	74
5769.375000	48.4	100.0	H	0.0	44.7	3.7	25.6	74
6951.250000	46.3	100.0	V	327.0	40.1	6.2	27.7	74
7497.500000	45.5	100.0	H	61.0	38.7	6.8	28.5	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)
3354.375000	26.4	100.0	V	100.0	28.7	-2.3	27.6	54
4158.125000	27.7	100.0	H	185.0	27.8	-0.1	26.3	54
4877.500000	29.7	100.0	V	74.0	27.9	1.8	24.3	54
5796.875000	37.2	100.0	H	0.0	33.1	4.1	16.8	54
6995.000000	34.2	100.0	V	201.0	27.7	6.5	19.8	54
7575.625000	32.9	100.0	V	327.0	25.8	7.1	21.1	54

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

RE 3-18GHz PK+AV



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	46.9	101.0	H	32.0	36.8	10.1	27.1	74
9277.500000	47.9	200.0	H	351.0	38.6	9.3	26.1	74
11940.000000	48.6	101.0	V	190.0	36.8	11.8	25.4	74
12640.000000	51.6	101.0	H	6.0	37.0	14.6	22.4	74
15490.000000	55.7	101.0	V	0.0	36.1	19.6	18.3	74
17756.250000	62.4	200.0	V	0.0	38.1	24.3	11.6	74

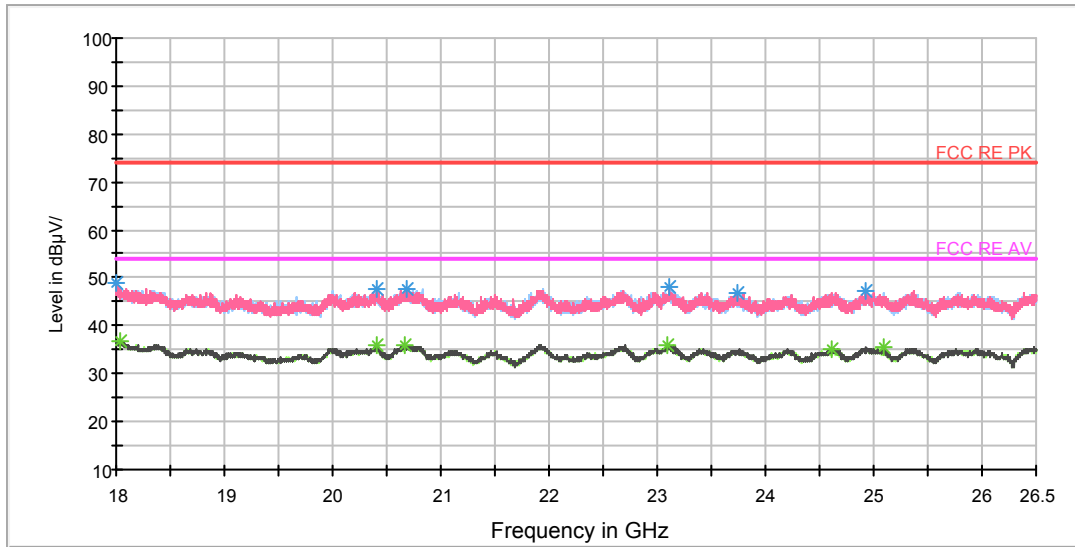
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9153.750000	35.3	101.0	V	352.0	25.1	10.2	18.7	54
9236.250000	35.9	200.0	H	217.0	26.0	9.9	18.1	54
11490.000000	40.0	101.0	V	217.0	29.6	10.4	14.0	54
12641.250000	40.1	200.0	V	143.0	25.6	14.5	13.9	54
15425.000000	43.8	200.0	V	116.0	24.4	19.4	10.2	54
17998.750000	50.5	200.0	V	61.0	25.1	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

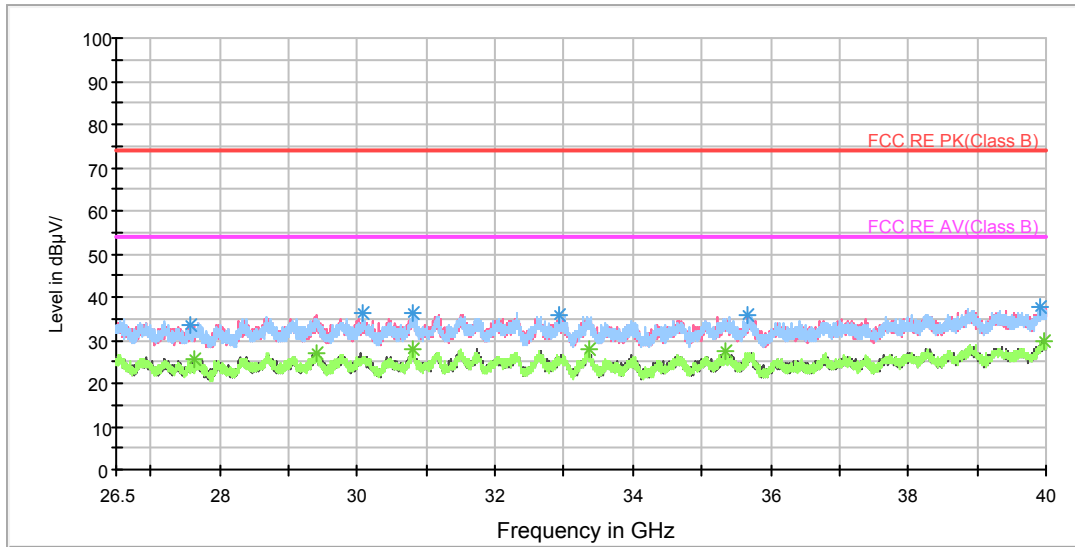
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18008.500000	48.8	V	163.0	50.6	-1.8	25.2	74
20401.250000	47.8	V	47.0	53.9	-6.1	26.2	74
20682.812500	47.8	V	131.0	54.4	-6.6	26.2	74
23108.500000	48.1	V	110.0	54.2	-6.1	25.9	74
23737.500000	47.0	V	0.0	52.9	-5.9	27.0	74
24933.875000	47.4	H	0.0	53.3	-5.9	26.6	74

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

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18039.312500	36.8	V	0.0	38.8	-2.0	17.2	54
20402.312500	36.0	H	125.0	42.1	-6.1	18.0	54
20667.937500	35.9	V	26.0	42.5	-6.6	18.1	54
23098.937500	36.0	V	142.0	42.1	-6.1	18.0	54
24618.312500	35.2	V	57.0	41.2	-6.0	18.8	54
25093.250000	35.4	H	350.0	41.3	-5.9	18.6	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)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27564.812500	33.6	H	237.0	34.9	-1.3	40.4	74
30080.875000	36.4	H	205.0	36.8	-0.4	37.6	74
30816.625000	36.4	H	29.0	36.8	-0.4	37.6	74
32939.500000	35.8	V	220.0	36.6	-0.8	38.2	74
35674.937500	35.6	V	345.0	36.0	-0.4	38.4	74
39913.937500	37.7	V	0.0	35.4	2.3	36.3	74

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

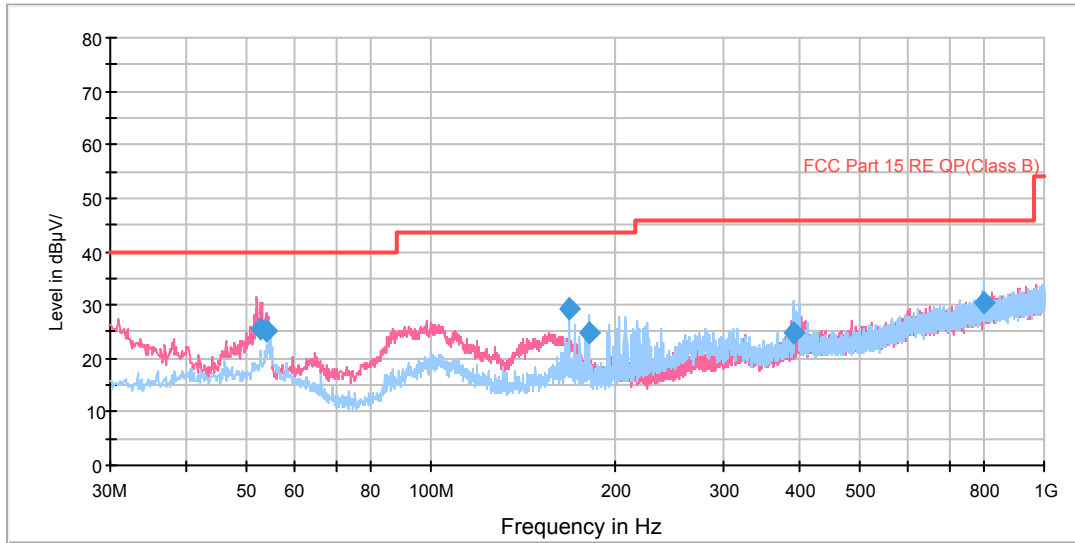
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27635.687500	25.7	H	152.0	27.1	-1.4	28.3	54
29417.687500	27.2	V	355.0	28.1	-0.9	26.8	54
30808.187500	27.9	H	139.0	28.3	-0.4	26.1	54
33361.375000	27.9	H	63.0	28.9	-1.0	26.1	54
35330.687500	27.5	H	355.0	28.0	-0.5	26.5	54
39978.062500	29.9	V	312.0	27.6	2.3	24.1	54

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



802.11ac (HT20) CH157

FCC RE 0.03-1GHz QP Class B



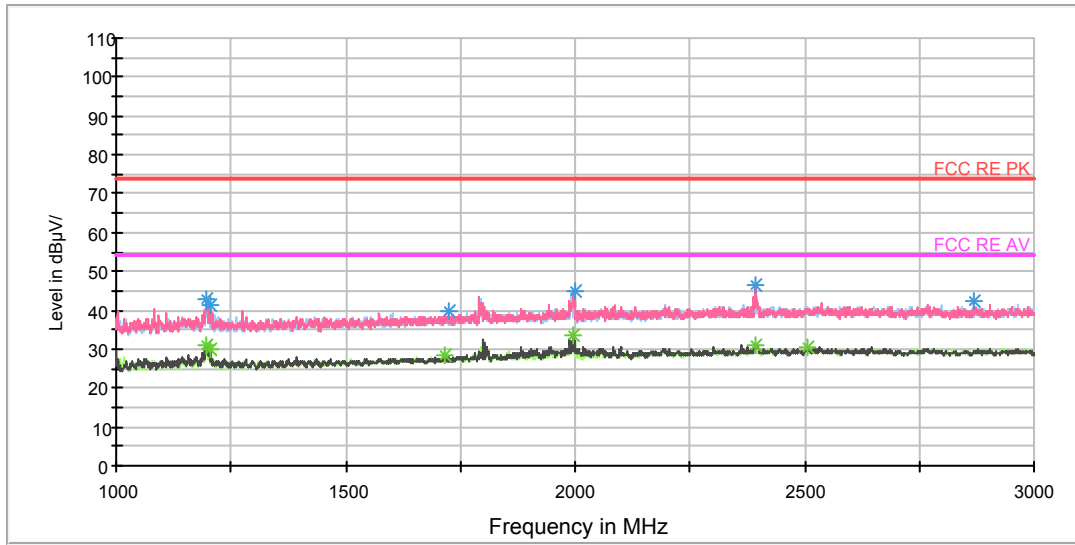
Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
52.667500	25.6	100.0	V	284.0	12.6	13.0	14.4	40.0
53.967500	25.0	100.0	V	308.0	12.2	12.8	15.0	40.0
167.982500	29.4	125.0	H	279.0	19.0	10.4	14.1	43.5
181.075000	24.8	125.0	H	278.0	13.7	11.1	18.7	43.5
390.757500	25.0	100.0	H	29.0	6.9	18.1	21.0	46.0
796.870000	30.5	100.0	H	235.0	5.4	25.1	15.5	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-6GHz PK+AV Class B



Radiates Emission from 1GHz to 3GHz

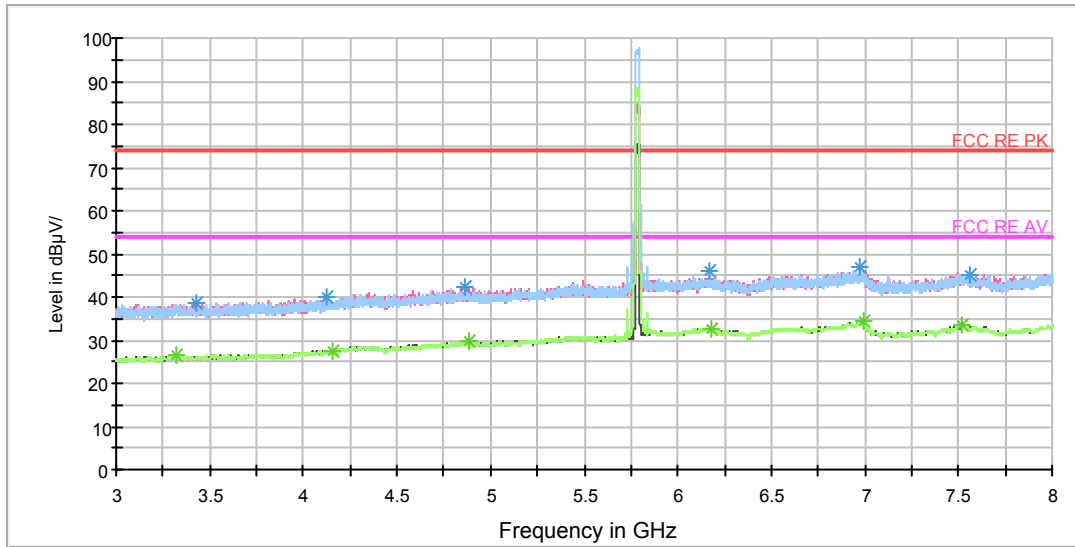
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1196.000000	42.7	100.0	V	0.0	50.3	-7.6	31.3	74
1206.500000	41.2	100.0	V	340.0	48.7	-7.5	32.8	74
1724.000000	39.5	100.0	V	5.0	45.3	-5.8	34.5	74
1998.000000	45.0	100.0	V	315.0	49.8	-4.8	29.0	74
2394.000000	46.3	100.0	V	243.0	49.5	-3.2	27.7	74
2870.000000	42.4	100.0	V	150.0	44.9	-2.5	31.6	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)
1196.500000	31.1	100.0	V	8.0	38.7	-7.6	22.9	54
1204.000000	29.9	100.0	H	356.0	37.4	-7.5	24.1	54
1717.000000	28.2	100.0	H	355.0	34.0	-5.8	25.8	54
1995.000000	33.5	100.0	V	266.0	38.3	-4.8	20.5	54
2393.500000	31.1	100.0	V	266.0	34.3	-3.2	22.9	54
2505.000000	30.5	100.0	V	266.0	33.3	-2.8	23.5	54

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

RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.  
Radiates Emission from 3GHz to 8GHz

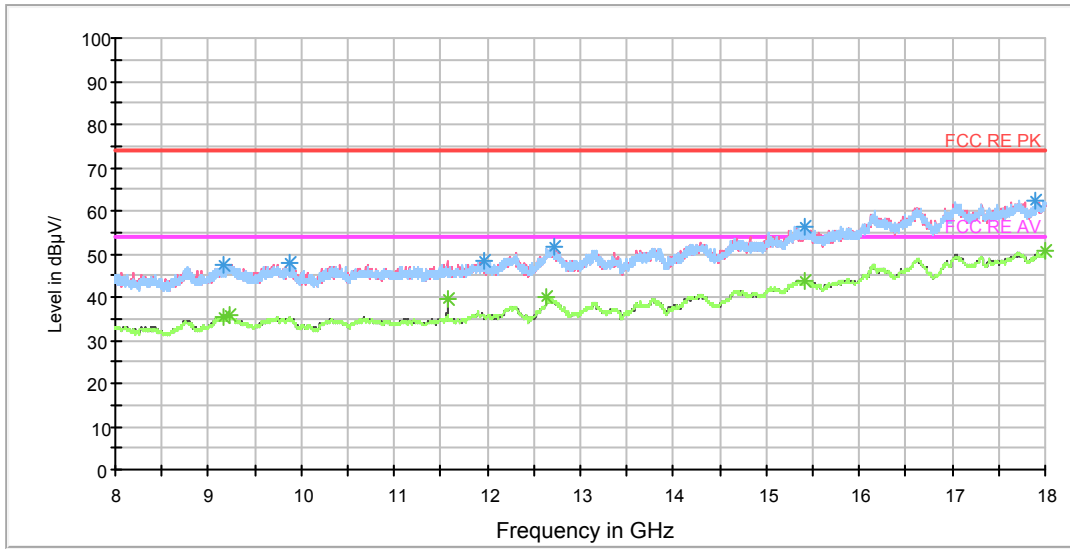
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3423.750000	38.8	100.0	V	304.0	41.3	-2.5	35.2	74
4120.000000	39.8	100.0	H	0.0	40.3	-0.5	34.2	74
4863.125000	42.1	100.0	H	0.0	40.4	1.7	31.9	74
6170.625000	46.1	100.0	H	0.0	40.6	5.5	27.9	74
6974.375000	46.8	100.0	H	62.0	40.5	6.3	27.2	74
7556.875000	44.9	100.0	H	211.0	37.9	7.0	29.1	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)
3320.625000	26.5	100.0	H	187.0	28.6	-2.1	27.5	54
4160.000000	27.6	100.0	V	304.0	27.6	0.0	26.4	54
4883.125000	29.7	100.0	V	202.0	27.8	1.9	24.3	54
6176.250000	32.6	100.0	H	0.0	27.2	5.4	21.4	54
6998.750000	34.3	100.0	V	0.0	27.8	6.5	19.7	54
7522.500000	33.4	100.0	V	304.0	26.3	7.1	20.6	54

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

RE 3-18GHz PK+AV



Radiates Emission from 8GHz to 18GHz

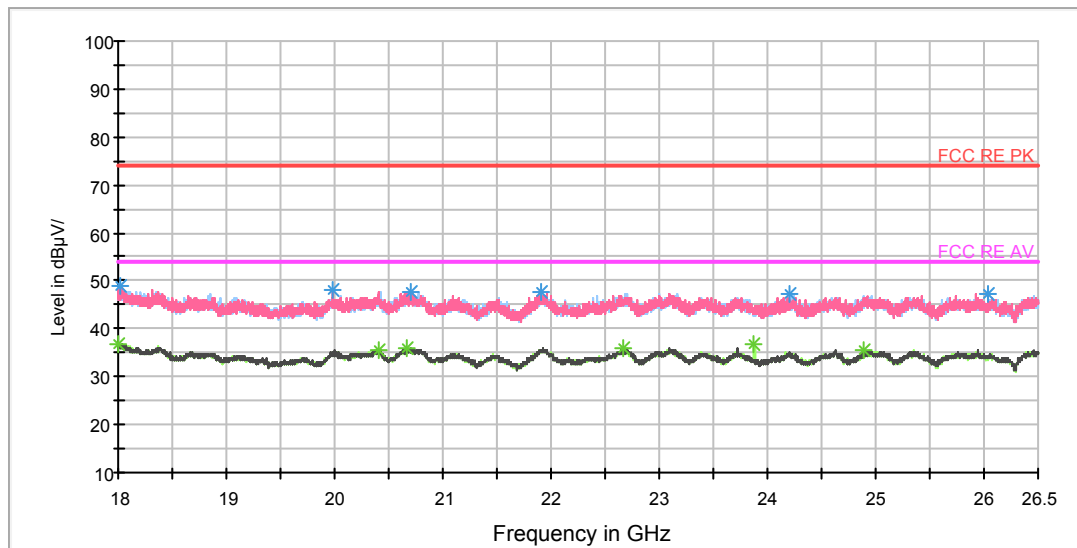
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9156.250000	47.5	200.0	H	0.0	37.2	10.3	26.5	74
9873.750000	47.7	101.0	H	116.0	37.4	10.3	26.3	74
11972.500000	48.4	200.0	H	271.0	36.7	11.7	25.6	74
12711.250000	51.4	200.0	H	0.0	37.4	14.0	22.6	74
15413.750000	56.5	101.0	H	0.0	37.3	19.2	17.5	74
17895.000000	62.5	200.0	H	245.0	37.5	25.0	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)
9155.000000	35.5	200.0	V	36.0	25.2	10.3	18.5	54
9237.500000	35.6	200.0	H	0.0	25.7	9.9	18.4	54
11570.000000	39.4	101.0	V	222.0	28.4	11.0	14.6	54
12641.250000	39.8	101.0	H	0.0	25.3	14.5	14.2	54
15418.750000	43.9	101.0	H	36.0	24.5	19.4	10.1	54
18000.000000	50.6	200.0	H	0.0	25.1	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

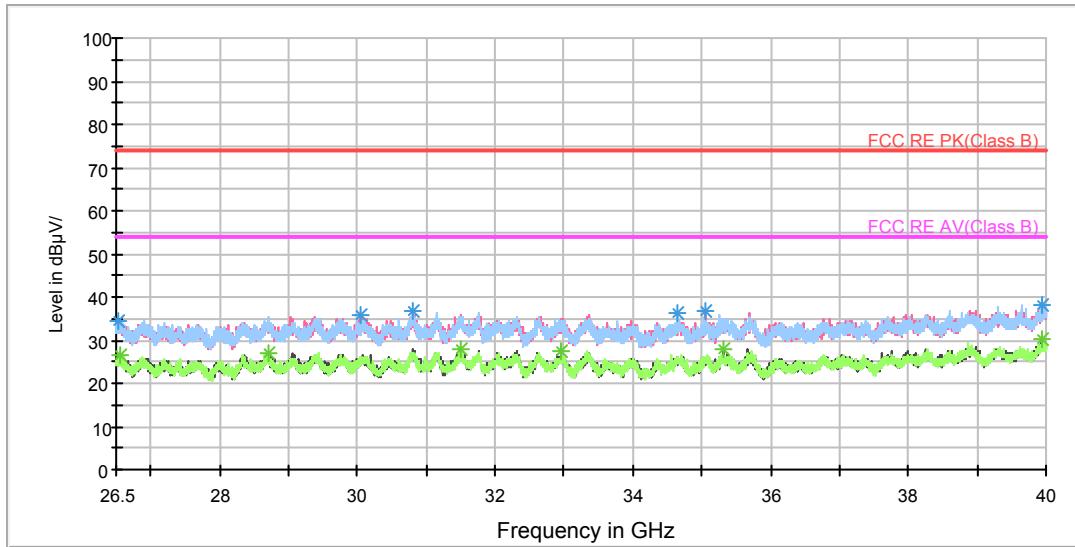
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18024.437500	48.7	V	13.0	50.6	-1.9	25.3	74
19975.187500	47.9	V	66.0	53.6	-5.7	26.1	74
20705.125000	47.6	H	113.0	54.3	-6.7	26.4	74
21903.625000	47.5	V	294.0	55.5	-8.0	26.5	74
24203.937500	47.2	H	341.0	53.1	-5.9	26.8	74
26029.312500	47.2	V	239.0	52.6	-5.4	26.8	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)
18006.375000	36.8	H	266.0	38.6	-1.8	17.2	54
20409.750000	35.7	V	0.0	41.8	-6.1	18.3	54
20664.750000	35.9	V	88.0	42.5	-6.6	18.1	54
22658.000000	36.1	H	0.0	42.7	-6.6	17.9	54
23878.812500	37.0	H	125.0	42.9	-5.9	17.0	54
24894.562500	35.4	V	56.0	41.3	-5.9	18.6	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)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
26540.500000	34.6	H	177.0	35.0	-0.4	39.4	74
30062.312500	35.6	V	335.0	36.0	-0.4	38.4	74
30814.937500	36.8	H	166.0	37.2	-0.4	37.2	74
34659.062500	36.1	H	284.0	37.0	-0.9	37.9	74
35062.375000	36.8	V	0.0	37.5	-0.7	37.2	74
39956.125000	38.0	H	29.0	35.7	2.3	36.0	74

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

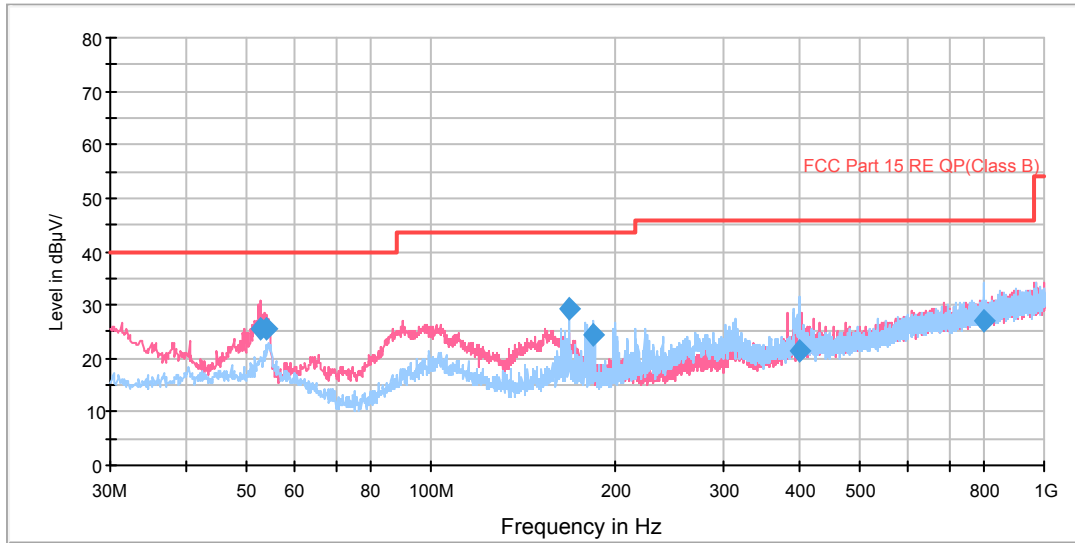
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
26548.937500	26.5	V	241.0	26.9	-0.4	27.5	54
28698.812500	27.2	H	69.0	28.6	-1.4	26.8	54
31495.000000	27.9	H	112.0	28.4	-0.5	26.1	54
32963.125000	27.2	H	329.0	28.0	-0.8	26.8	54
35313.812500	28.0	V	0.0	28.5	-0.5	26.0	54
39954.437500	30.0	V	346.0	27.7	2.3	24.0	54

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



802.11ac (HT40) CH38

FCC RE 0.03-1GHz QP Class B



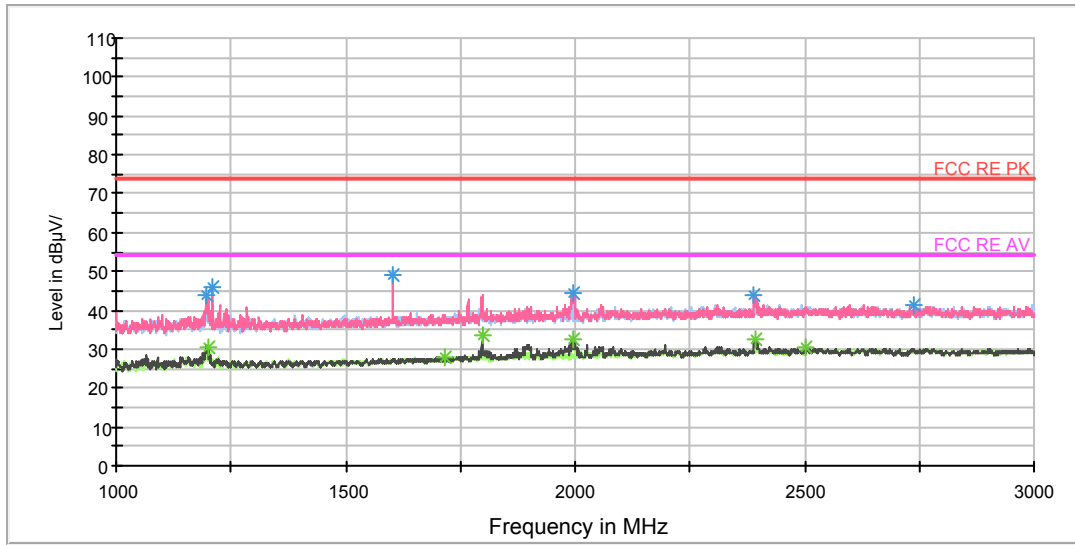
Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
52.753750	25.5	100.0	V	289.0	12.5	13.0	14.5	40.0
54.007500	25.6	100.0	V	274.0	12.6	13.0	14.4	40.0
167.982500	29.2	125.0	H	285.0	18.8	10.4	14.3	43.5
184.027500	24.3	100.0	H	271.0	13.2	11.1	19.2	43.5
399.125000	21.4	100.0	H	29.0	3.4	18.0	24.6	46.0
796.871250	27.2	100.0	H	304.0	2.1	25.1	18.8	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-6GHz PK+AV Class B



Radiates Emission from 1GHz to 3GHz

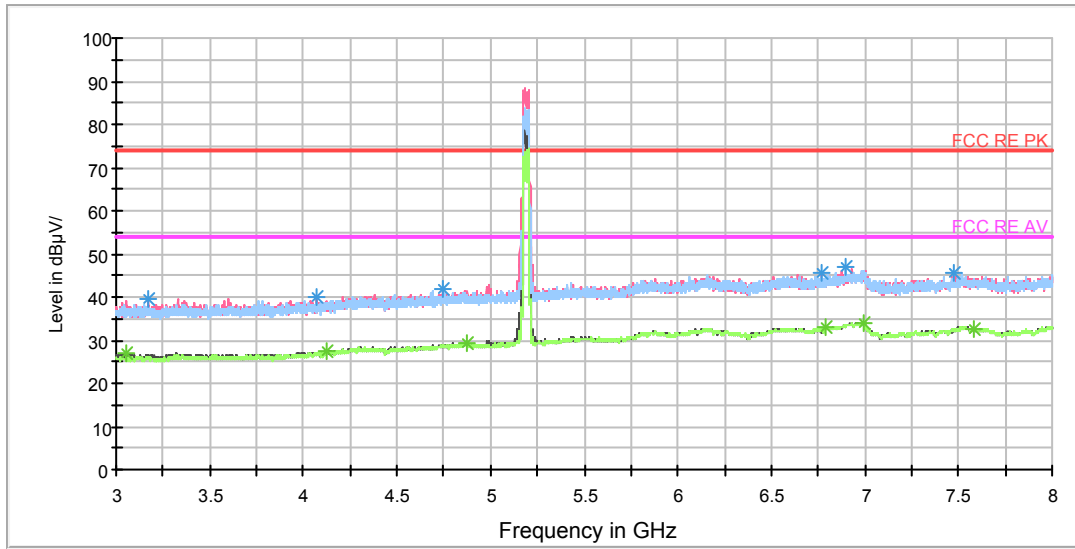
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1195.500000	44.1	100.0	V	0.0	51.7	-7.6	29.9	74
1209.000000	45.8	100.0	V	185.0	53.3	-7.5	28.2	74
1602.000000	48.9	100.0	V	278.0	55.2	-6.3	25.1	74
1996.500000	44.2	100.0	V	278.0	49.0	-4.8	29.8	74
2390.500000	44.0	100.0	V	266.0	47.2	-3.2	30.0	74
2737.500000	41.3	100.0	H	139.0	43.9	-2.6	32.7	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)
1202.000000	30.3	100.0	V	7.0	37.8	-7.5	23.7	54
1717.000000	28.1	100.0	V	128.0	33.9	-5.8	25.9	54
1798.500000	33.7	100.0	V	278.0	39.2	-5.5	20.3	54
1996.500000	32.3	100.0	V	278.0	37.1	-4.8	21.7	54
2394.000000	32.5	100.0	V	266.0	35.7	-3.2	21.5	54
2504.000000	30.2	100.0	V	254.0	33.0	-2.8	23.8	54

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

RE 3-18GHz PK+AV



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)
3167.500000	39.4	100.0	V	0.0	42.3	-2.9	34.6	74
4066.875000	40.1	100.0	V	200.0	41.1	-1.0	33.9	74
4745.625000	41.7	100.0	V	47.0	40.8	0.9	32.3	74
6766.250000	45.5	100.0	V	0.0	40.0	5.5	28.5	74
6898.750000	46.8	100.0	H	112.0	40.6	6.2	27.2	74
7475.625000	45.5	100.0	V	0.0	38.7	6.8	28.5	74

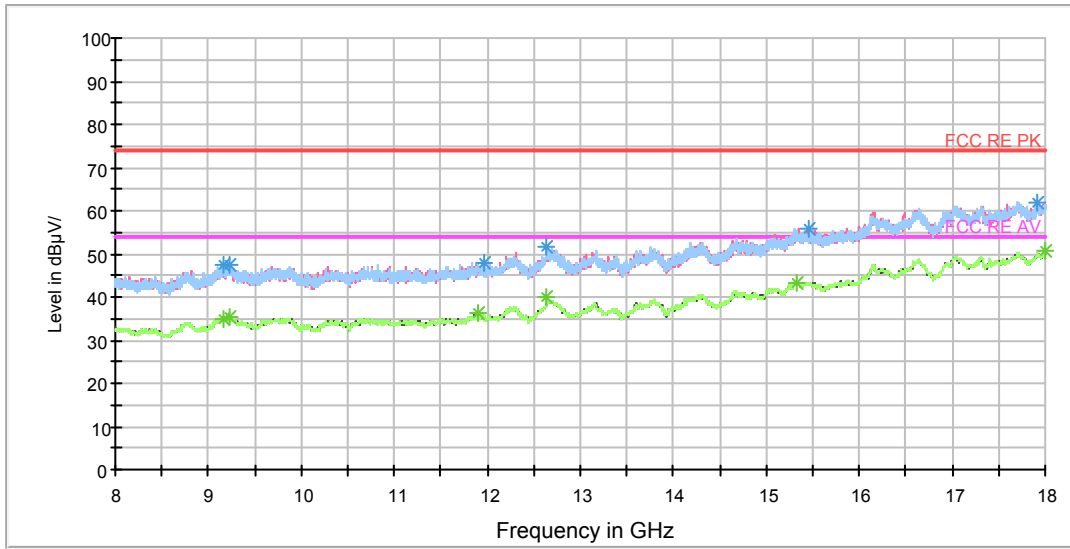
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3053.750000	27.1	100.0	V	0.0	30.3	-3.2	26.9	54
4126.250000	27.5	100.0	V	250.0	27.9	-0.4	26.5	54
4868.750000	29.5	100.0	V	349.0	27.8	1.7	24.5	54
6785.625000	32.8	100.0	H	186.0	27.2	5.6	21.2	54
6998.750000	34.1	100.0	V	200.0	27.6	6.5	19.9	54
7587.500000	32.6	100.0	V	349.0	25.5	7.1	21.4	54

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



RE 3-18GHz PK+AV



Radiates Emission from 8GHz to 18GHz

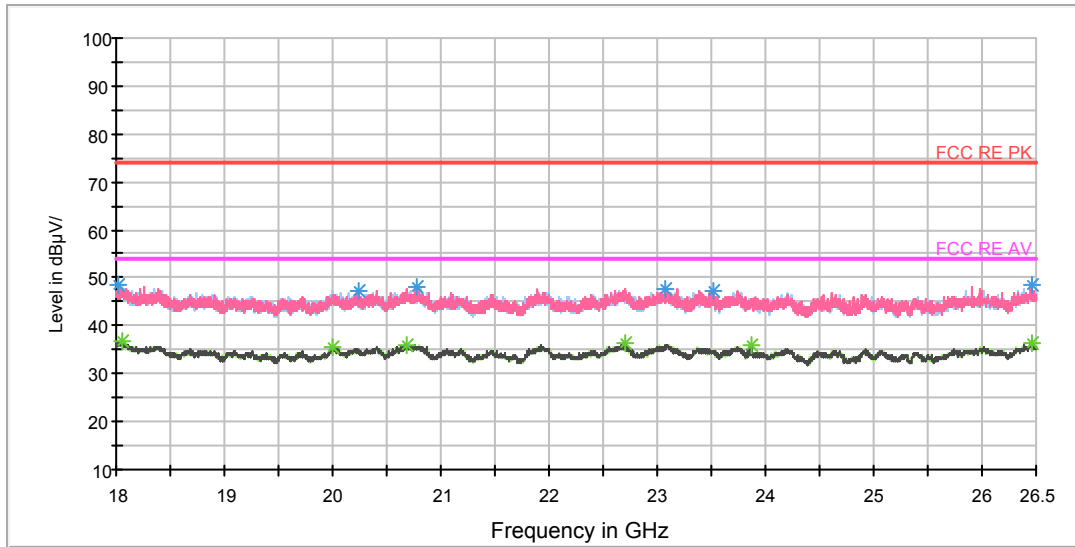
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9155.000000	47.3	100.0	V	350.0	37.0	10.3	26.7	74
9238.750000	47.5	100.0	V	190.0	37.6	9.9	26.5	74
11972.500000	48.0	100.0	H	37.0	36.3	11.7	26.0	74
12641.250000	51.9	100.0	V	0.0	37.4	14.5	22.1	74
15448.750000	55.7	100.0	V	0.0	36.2	19.5	18.3	74
17913.750000	62.0	100.0	V	243.0	36.4	25.6	12.0	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	35.1	100.0	H	309.0	24.8	10.3	18.9	54
9230.000000	35.4	100.0	V	296.0	25.5	9.9	18.6	54
11900.000000	36.2	100.0	V	323.0	23.9	12.3	17.8	54
12640.000000	39.9	100.0	H	0.0	25.3	14.6	14.1	54
15333.750000	43.4	100.0	V	216.0	24.7	18.7	10.6	54
18000.000000	50.6	100.0	H	198.0	25.1	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

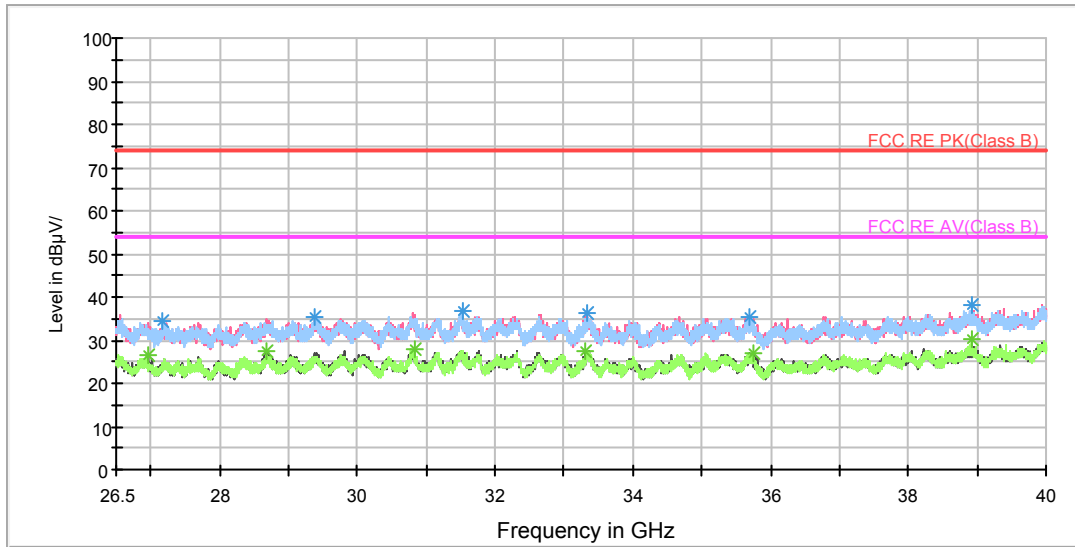
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18012.750000	48.5	H	49.0	50.4	-1.9	25.5	74
20233.375000	47.4	V	262.0	53.3	-5.9	26.6	74
20779.500000	48.0	H	117.0	54.9	-6.9	26.0	74
23077.687500	47.8	H	290.0	53.9	-6.1	26.2	74
23518.625000	47.3	V	0.0	53.2	-5.9	26.7	74
26454.312500	48.6	H	164.0	54.0	-5.4	25.4	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)
18058.437500	36.7	H	0.0	38.7	-2.0	17.3	54
20007.062500	35.6	H	290.0	41.3	-5.7	18.4	54
20687.062500	36.0	V	25.0	42.7	-6.7	18.0	54
22701.562500	36.2	V	215.0	42.8	-6.6	17.8	54
23865.000000	36.1	V	0.0	42.0	-5.9	17.9	54
26468.125000	36.5	V	0.0	41.9	-5.4	17.5	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)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27159.812500	34.3	H	0.0	35.3	-1.0	39.7	74
29380.562500	35.6	H	176.0	36.5	-0.9	38.4	74
31523.687500	36.8	H	78.0	37.3	-0.5	37.2	74
33336.062500	36.3	V	6.0	37.3	-1.0	37.7	74
35680.000000	35.5	H	0.0	35.9	-0.4	38.5	74
38933.500000	38.2	H	4.0	35.3	2.9	35.8	74

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

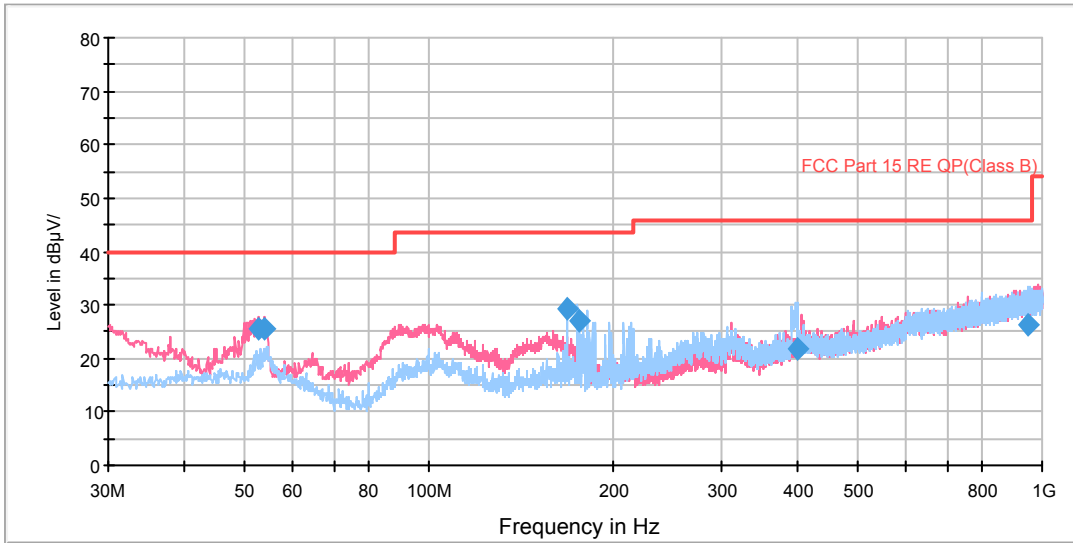
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
26969.125000	26.6	V	227.0	27.5	-0.9	27.4	54
28688.687500	27.4	V	238.0	28.8	-1.4	26.6	54
30825.062500	27.7	H	14.0	28.1	-0.4	26.3	54
33302.312500	27.7	V	112.0	28.7	-1.0	26.3	54
35740.750000	26.8	V	306.0	27.1	-0.3	27.2	54
38909.875000	30.0	H	210.0	27.1	2.9	24.0	54

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



802.11ac (HT40) CH46

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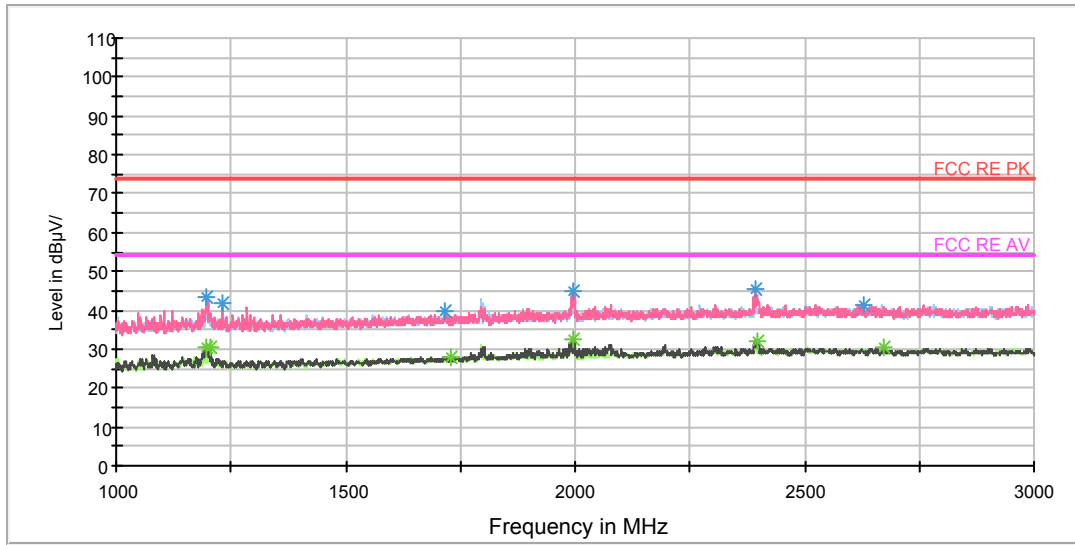
Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
52.833750	25.4	100.0	V	289.0	12.4	13.0	14.6	40.0
54.006250	25.5	100.0	V	281.0	12.5	13.0	14.5	40.0
167.982500	29.3	125.0	H	282.0	18.9	10.4	14.2	43.5
175.253750	27.0	114.0	H	276.0	16.4	10.6	16.5	43.5
399.490000	21.7	100.0	H	34.0	3.5	18.2	24.3	46.0
951.460000	26.3	100.0	H	205.0	-0.9	27.2	19.7	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-6GHz PK+AV Class B



Radiates Emission from 1GHz to 3GHz

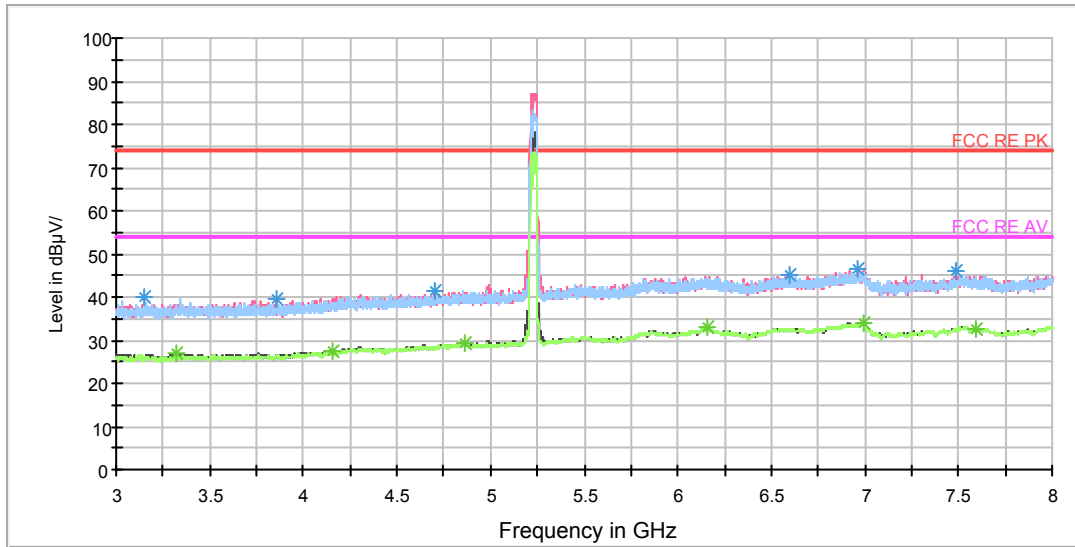
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1198.500000	43.5	100.0	V	0.0	51.1	-7.6	30.5	74
1231.000000	41.6	100.0	V	254.0	49.1	-7.5	32.4	74
1715.500000	39.7	100.0	V	2.0	45.5	-5.8	34.3	74
1993.500000	44.7	100.0	V	265.0	49.5	-4.8	29.3	74
2391.000000	45.5	100.0	V	254.0	48.7	-3.2	28.5	74
2627.500000	41.4	100.0	V	38.0	44.1	-2.7	32.6	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)
1198.500000	30.3	100.0	V	0.0	37.9	-7.6	23.7	54
1205.000000	30.2	100.0	V	0.0	37.7	-7.5	23.8	54
1731.000000	27.9	100.0	V	289.0	33.7	-5.8	26.1	54
1995.500000	32.5	100.0	H	265.0	37.3	-4.8	21.5	54
2396.000000	32.0	100.0	V	254.0	35.2	-3.2	22.0	54
2673.000000	30.3	100.0	V	0.0	33.0	-2.7	23.7	54

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

RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.  
Radiates Emission from 3GHz to 8GHz

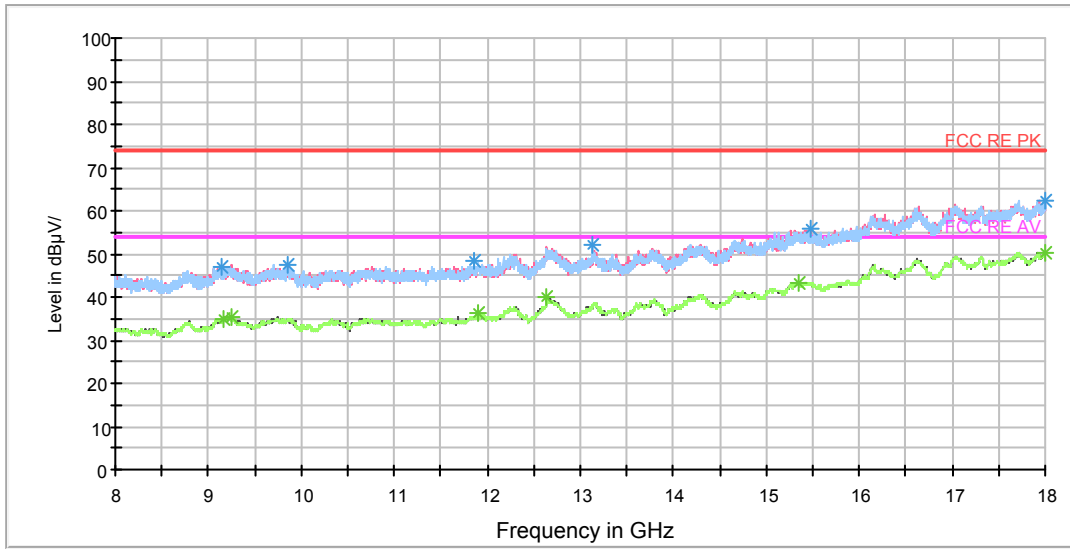
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3149.375000	39.9	100.0	V	0.0	42.7	-2.8	34.1	74
3859.375000	39.5	100.0	V	249.0	41.1	-1.6	34.5	74
4697.500000	41.6	100.0	V	0.0	40.8	0.8	32.4	74
6595.625000	45.1	100.0	V	349.0	39.4	5.7	28.9	74
6965.000000	46.4	100.0	V	275.0	40.2	6.2	27.6	74
7489.375000	45.9	100.0	V	0.0	39.1	6.8	28.1	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)
3321.250000	26.8	100.0	V	150.0	28.9	-2.1	27.2	54
4156.250000	27.6	100.0	V	150.0	27.7	-0.1	26.4	54
4861.250000	29.2	100.0	V	0.0	27.5	1.7	24.8	54
6154.375000	32.8	100.0	V	275.0	27.2	5.6	21.2	54
6998.750000	34.1	100.0	H	0.0	27.6	6.5	19.9	54
7590.625000	32.6	100.0	H	29.0	25.6	7.0	21.4	54

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

RE 3-18GHz PK+AV



Radiates Emission from 8GHz to 18GHz

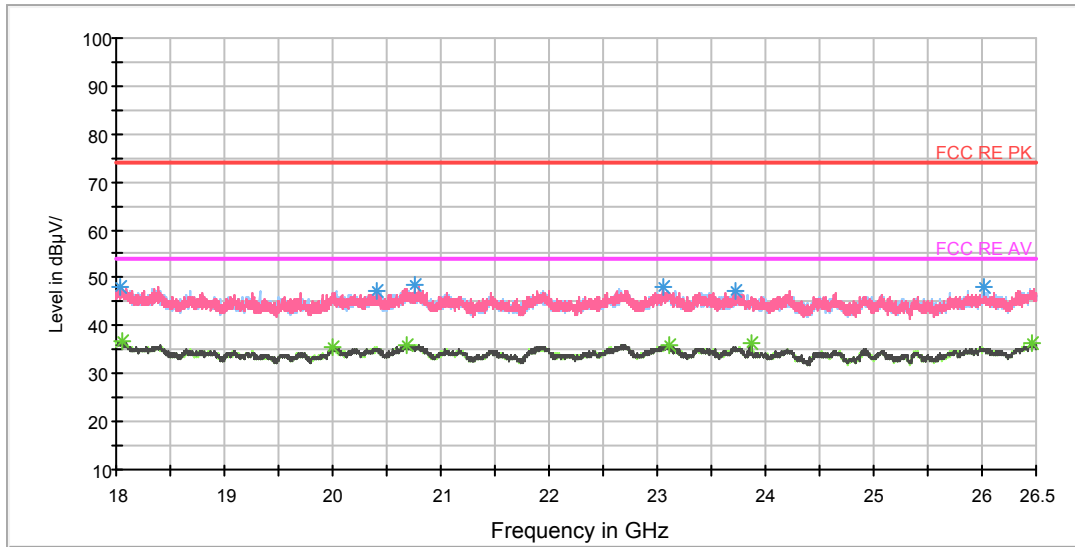
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9148.750000	46.9	100.0	H	7.0	36.8	10.1	7.1	74
9850.000000	47.6	100.0	V	0.0	37.3	10.3	6.4	74
11865.000000	48.2	100.0	H	34.0	36.6	11.6	5.8	74
13121.250000	51.9	100.0	H	88.0	38.2	13.7	2.1	74
15476.250000	55.6	100.0	V	191.0	35.7	19.9	-1.6	74
17995.000000	62.5	100.0	V	217.0	37.2	25.3	-8.5	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)
9156.250000	34.9	100.0	H	0.0	24.6	10.3	19.1	54
9240.000000	35.5	100.0	H	0.0	25.6	9.9	18.5	54
11900.000000	36.5	100.0	H	142.0	24.2	12.3	17.5	54
12641.250000	39.8	100.0	V	0.0	25.3	14.5	14.2	54
15340.000000	43.4	100.0	H	61.0	24.6	18.8	10.6	54
18000.000000	50.3	100.0	H	0.0	24.8	25.5	3.7	54

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

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18044.625000	48.1	H	202.0	50.1	-2.0	25.9	74
20401.250000	47.4	H	331.0	53.5	-6.1	26.6	74
20761.437500	48.5	V	0.0	55.3	-6.8	25.5	74
23046.875000	48.0	V	0.0	54.1	-6.1	26.0	74
23731.125000	47.3	V	0.0	53.2	-5.9	26.7	74
26021.875000	48.1	H	267.0	53.5	-5.4	25.9	74

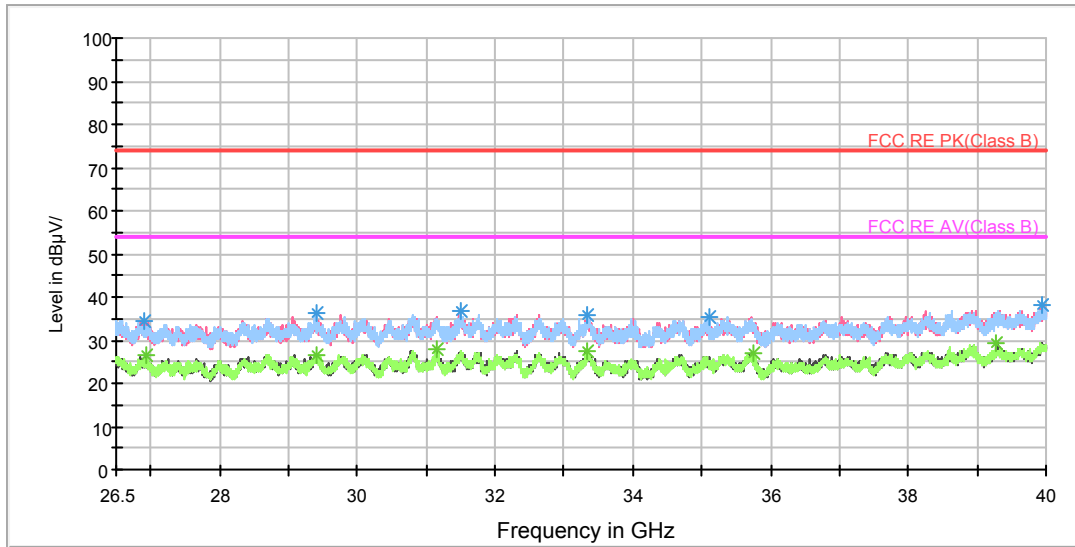
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18046.750000	36.7	V	263.0	38.7	-2.0	17.3	54
20007.062500	35.6	H	282.0	41.3	-5.7	18.4	54
20679.625000	36.1	V	102.0	42.7	-6.6	17.9	54
23103.187500	36.1	H	347.0	42.2	-6.1	17.9	54
23861.812500	36.4	H	202.0	42.3	-5.9	17.6	54
26457.500000	36.4	H	0.0	41.8	-5.4	17.6	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)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
26918.500000	34.2	V	301.0	35.0	-0.8	39.8	74
29407.562500	36.5	H	81.0	37.4	-0.9	37.5	74
31506.812500	36.7	H	0.0	37.2	-0.5	37.3	74
33349.562500	36.0	H	81.0	37.0	-1.0	38.0	74
35106.250000	35.6	H	177.0	36.2	-0.6	38.4	74
39929.125000	38.3	H	18.0	36.0	2.3	35.7	74

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

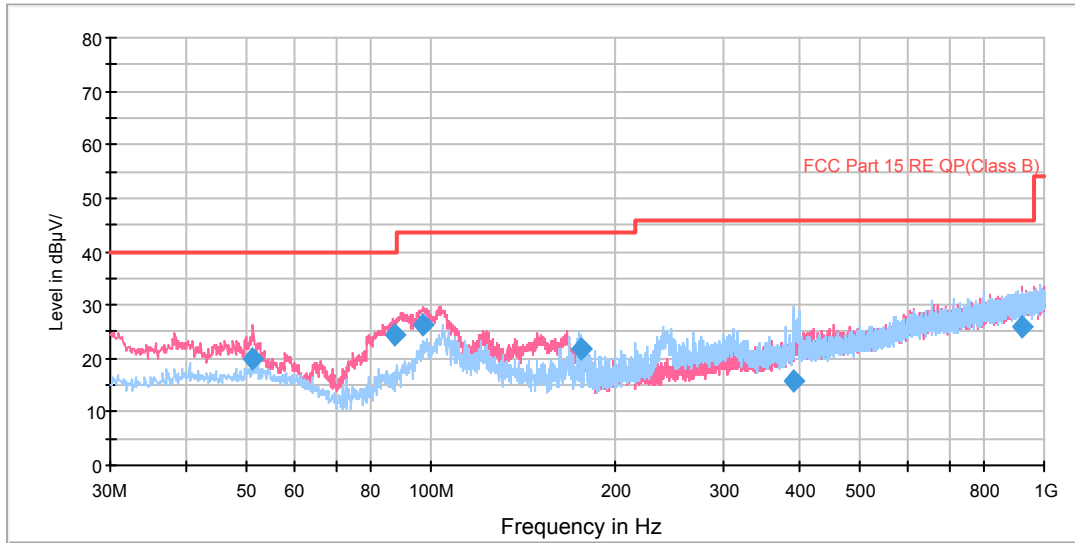
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
26935.375000	26.6	V	311.0	27.4	-0.8	27.4	54
29395.750000	26.7	H	219.0	27.6	-0.9	27.3	54
31150.750000	27.8	V	270.0	28.2	-0.4	26.2	54
33325.937500	27.6	H	155.0	28.6	-1.0	26.4	54
35740.750000	27.2	H	8.0	27.5	-0.3	26.8	54
39269.312500	29.4	V	239.0	26.6	2.8	24.6	54

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



802.11ac (HT40) CH54

FCC RE 0.03-1GHz QP Class B

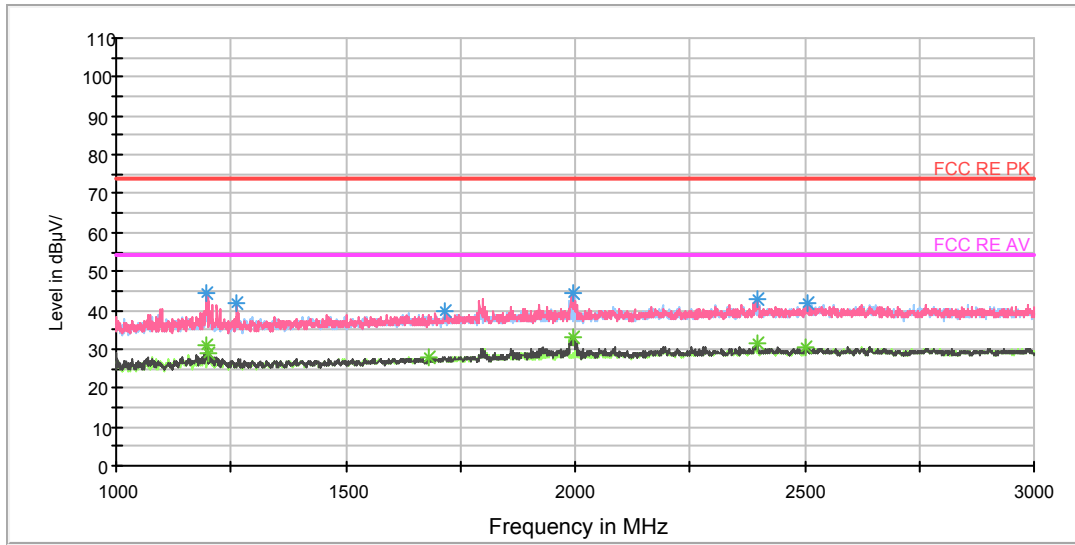


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
51.220000	20.0	100.0	V	255.0	6.9	13.1	20.0	40.0
87.556250	24.5	125.0	V	266.0	13.4	11.1	15.5	40.0
97.093750	26.3	100.0	V	261.0	13.4	12.9	17.2	43.5
175.255000	21.9	125.0	H	101.0	11.3	10.6	21.6	43.5
391.117500	15.8	111.0	H	0.0	-2.0	17.8	30.2	46.0
921.993750	25.8	125.0	V	0.0	-1.1	26.9	20.2	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-6GHz PK+AV Class B



Radiates Emission from 1GHz to 3GHz

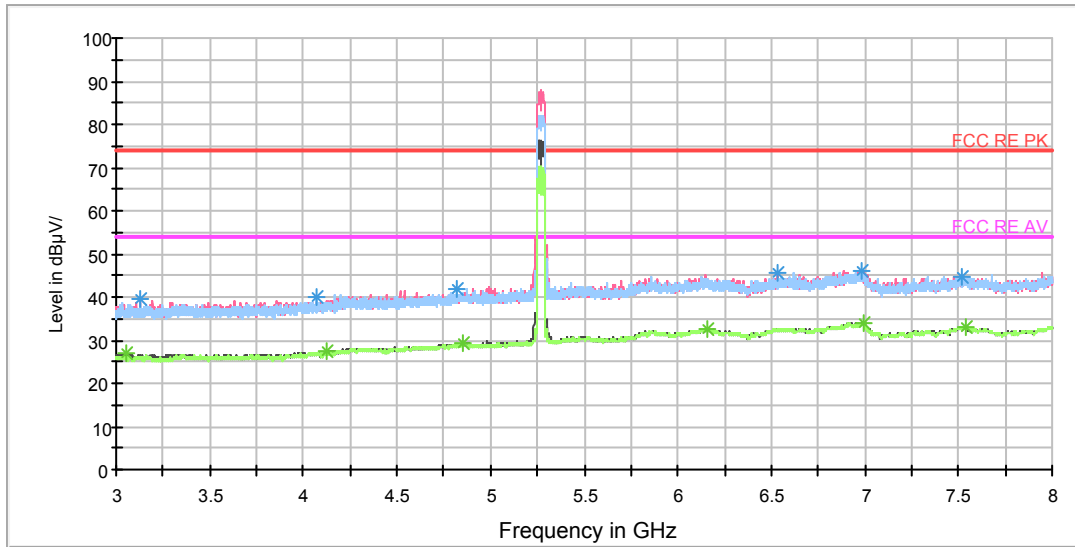
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1195.000000	44.6	100.0	V	0.0	52.2	-7.6	29.4	74
1264.000000	42.0	100.0	V	29.0	49.4	-7.4	32.0	74
1715.500000	39.8	100.0	V	128.0	45.6	-5.8	34.2	74
1996.500000	44.2	100.0	V	254.0	49.0	-4.8	29.8	74
2397.000000	42.7	100.0	V	254.0	45.9	-3.2	31.3	74
2505.000000	41.8	100.0	V	94.0	44.6	-2.8	32.2	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)
1196.000000	31.2	100.0	V	0.0	38.8	-7.6	22.8	54
1201.500000	28.7	100.0	H	0.0	36.3	-7.6	25.3	54
1681.500000	28.1	100.0	V	0.0	34.1	-6.0	25.9	54
1993.500000	33.2	100.0	V	327.0	38.0	-4.8	20.8	54
2397.000000	31.6	100.0	V	254.0	34.8	-3.2	22.4	54
2502.000000	30.6	100.0	V	40.0	33.4	-2.8	23.4	54

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

RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.  
Radiates Emission from 3GHz to 8GHz

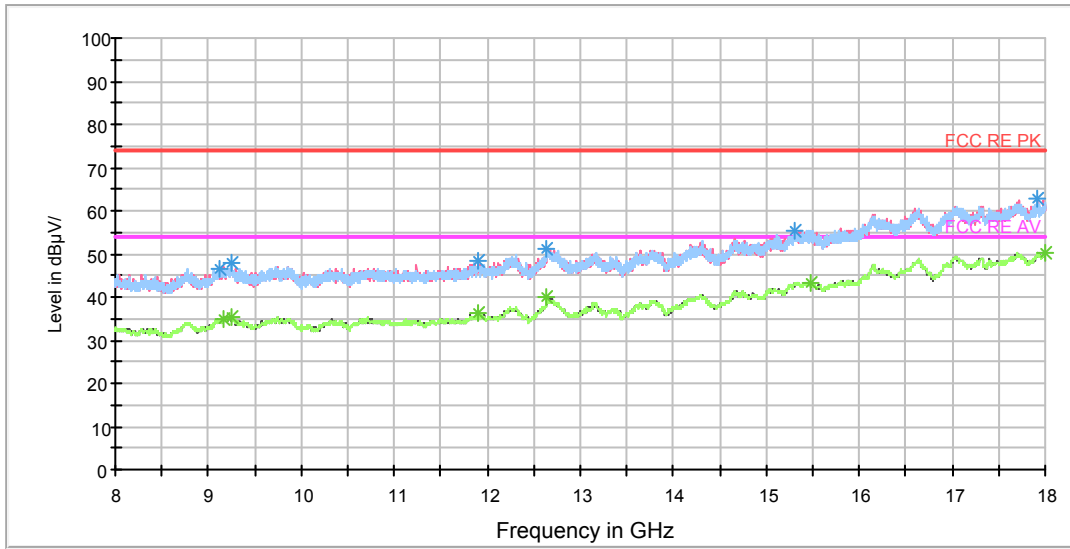
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3125.000000	39.3	100.0	V	48.0	41.9	-2.6	34.7	74
4070.000000	39.8	100.0	H	0.0	40.8	-1.0	34.2	74
4820.000000	42.1	100.0	H	0.0	40.8	1.3	31.9	74
6531.875000	45.5	100.0	V	0.0	40.1	5.4	28.5	74
6986.250000	45.9	100.0	H	108.0	39.5	6.4	28.1	74
7516.875000	44.8	100.0	V	0.0	37.7	7.1	29.2	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)
3050.625000	26.8	100.0	V	0.0	30.0	-3.2	27.2	54
4125.000000	27.5	100.0	V	275.0	27.9	-0.4	26.5	54
4855.000000	29.4	100.0	V	150.0	27.8	1.6	24.6	54
6154.375000	32.7	100.0	V	0.0	27.1	5.6	21.3	54
6995.000000	34.2	100.0	H	59.0	27.7	6.5	19.8	54
7535.625000	33.1	100.0	H	0.0	26.1	7.0	20.9	54

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

RE 3-18GHz PK+AV



Radiates Emission from 8GHz to 18GHz

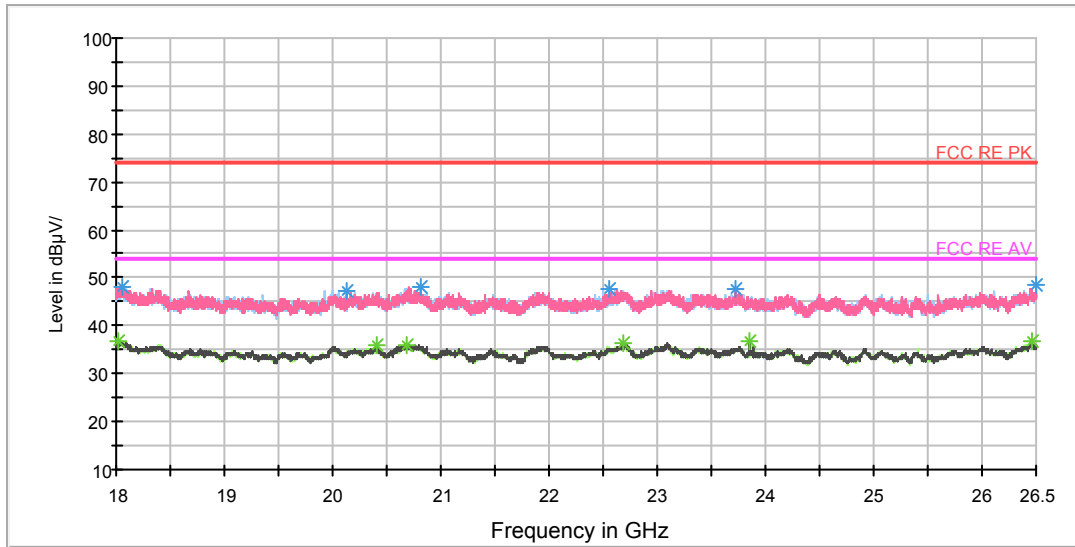
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9112.500000	46.5	100.0	H	0.0	36.6	9.9	27.5	74
9251.250000	48.1	100.0	H	89.0	38.5	9.6	25.9	74
11902.500000	48.2	100.0	H	34.0	36.0	12.2	25.8	74
12637.500000	51.3	100.0	V	0.0	37.0	14.3	22.7	74
15306.250000	55.5	100.0	H	89.0	37.0	18.5	18.5	74
17923.750000	62.6	100.0	V	0.0	37.0	25.6	11.4	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)
9157.500000	35.0	100.0	V	0.0	24.7	10.3	19.0	54
9240.000000	35.3	100.0	H	253.0	25.4	9.9	18.7	54
11900.000000	36.3	100.0	H	117.0	24.0	12.3	17.7	54
12641.250000	39.8	100.0	V	0.0	25.3	14.5	14.2	54
15480.000000	43.3	100.0	V	325.0	23.4	19.9	10.7	54
17991.250000	50.3	100.0	V	0.0	25.1	25.2	3.7	54

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

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

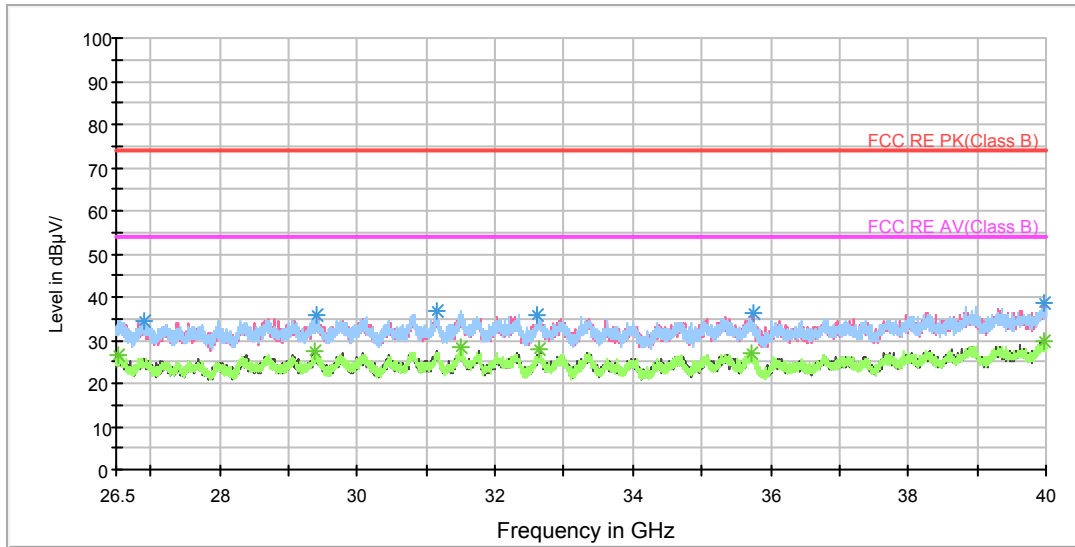
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18049.937500	48.2	H	149.0	50.2	-2.0	25.8	74
20131.375000	47.3	V	103.0	53.1	-5.8	26.7	74
20812.437500	48.0	V	0.0	55.0	-7.0	26.0	74
22547.500000	47.5	H	340.0	54.3	-6.8	26.5	74
23721.562500	47.6	V	41.0	53.5	-5.9	26.4	74
26498.937500	48.3	H	324.0	53.7	-5.4	25.7	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)
18027.625000	36.6	V	133.0	38.5	-1.9	17.4	54
20405.500000	35.8	V	0.0	41.9	-6.1	18.2	54
20684.937500	36.1	V	197.0	42.8	-6.7	17.9	54
22693.062500	36.2	H	356.0	42.8	-6.6	17.8	54
23849.062500	36.7	V	245.0	42.6	-5.9	17.3	54
26454.312500	36.6	V	228.0	42.0	-5.4	17.4	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)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
26910.062500	34.6	V	78.0	35.4	-0.8	39.4	74
29414.312500	36.0	H	0.0	36.9	-0.9	38.0	74
31159.187500	36.7	V	353.0	37.1	-0.4	37.3	74
32608.750000	35.7	H	0.0	36.4	-0.7	38.3	74
35740.750000	36.2	V	0.0	36.5	-0.3	37.8	74
39979.750000	38.6	V	310.0	36.3	2.3	35.4	74

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

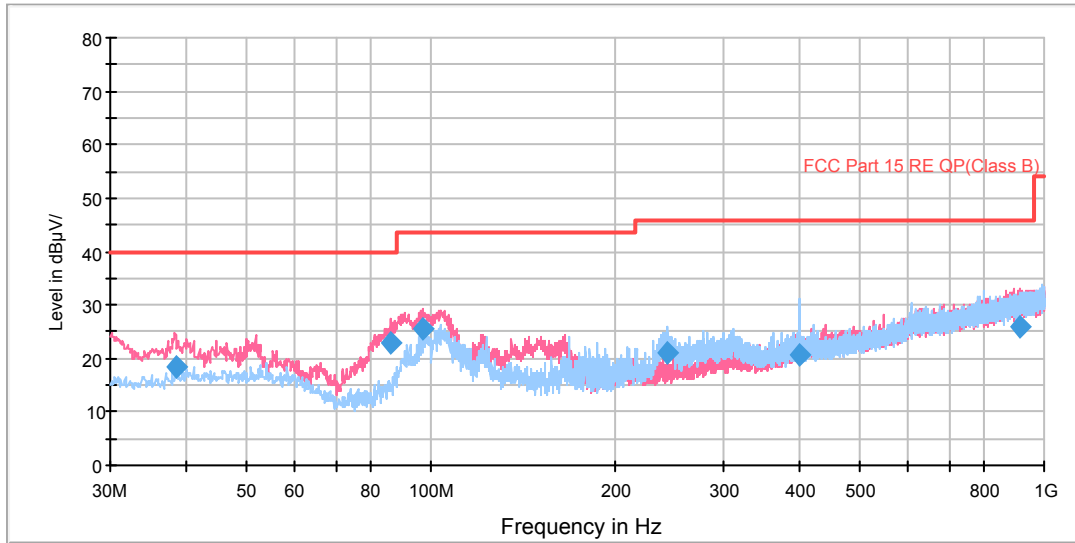
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
26537.125000	26.7	H	58.0	27.1	-0.4	27.3	54
29390.687500	27.5	V	133.0	28.4	-0.9	26.5	54
31511.875000	28.1	H	8.0	28.6	-0.5	25.9	54
32632.375000	27.7	H	262.0	28.4	-0.7	26.3	54
35728.937500	26.8	V	0.0	27.1	-0.3	27.2	54
39978.062500	29.8	H	98.0	27.5	2.3	24.2	54

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



802.11ac (HT40) CH62

FCC RE 0.03-1GHz QP Class B



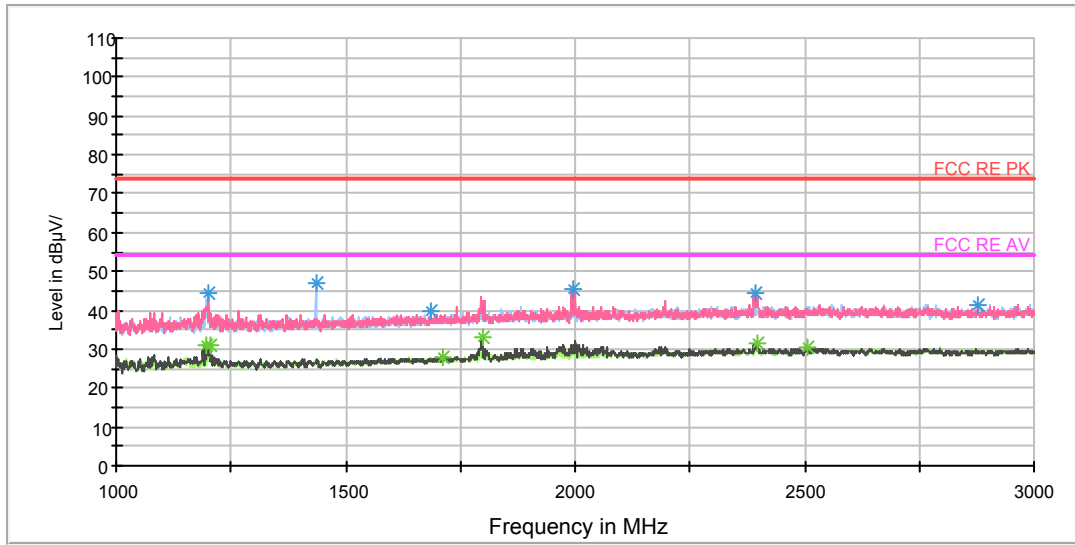
Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
38.405000	18.4	100.0	V	278.0	5.6	12.8	21.6	40.0
86.136250	22.9	125.0	V	266.0	12.3	10.6	17.1	40.0
97.248750	25.4	100.0	V	255.0	12.5	12.9	18.1	43.5
243.763750	21.0	125.0	H	352.0	6.9	14.1	25.0	46.0
399.130000	20.5	100.0	H	0.0	2.5	18.0	25.5	46.0
911.525000	25.8	100.0	V	14.0	-1.2	27.0	20.2	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-6GHz PK+AV Class B



Radiates Emission from 1GHz to 3GHz

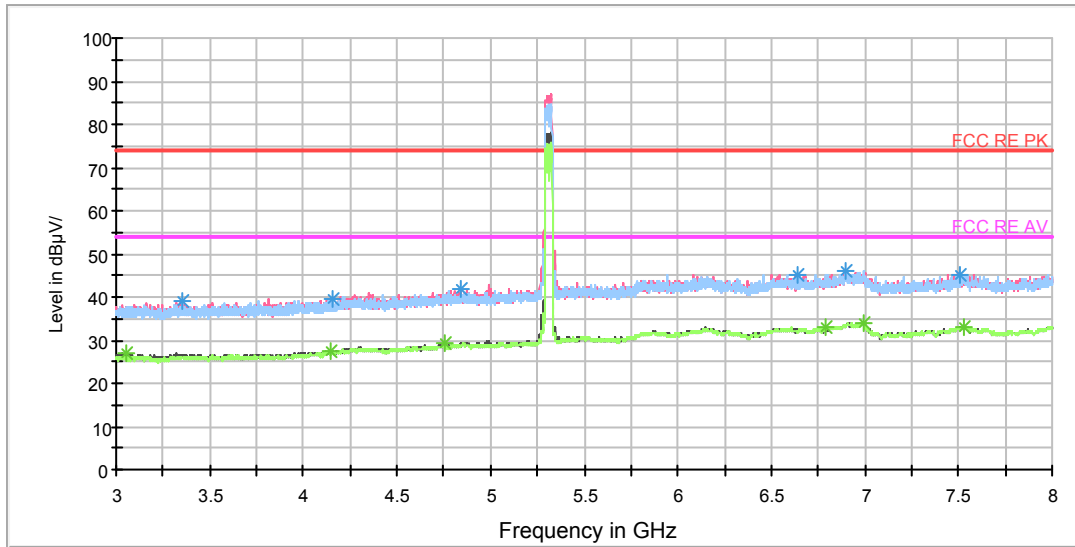
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1200.000000	44.4	100.0	V	327.0	52.0	-7.6	29.6	74
1434.500000	47.0	100.0	H	358.0	53.8	-6.8	27.0	74
1685.500000	39.6	100.0	V	85.0	45.5	-5.9	34.4	74
1997.500000	45.5	100.0	V	176.0	50.3	-4.8	28.5	74
2394.500000	44.3	100.0	V	254.0	47.5	-3.2	29.7	74
2877.000000	41.4	100.0	V	29.0	43.9	-2.5	32.6	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)
1195.000000	30.9	100.0	V	340.0	38.5	-7.6	23.1	54
1203.500000	31.2	100.0	V	327.0	38.7	-7.5	22.8	54
1713.500000	27.9	100.0	V	4.0	33.7	-5.8	26.1	54
1800.000000	32.8	100.0	V	278.0	38.3	-5.5	21.2	54
2395.500000	31.6	100.0	V	313.0	34.8	-3.2	22.4	54
2505.500000	30.4	100.0	H	351.0	33.2	-2.8	23.6	54

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

RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.  
Radiates Emission from 3GHz to 8GHz

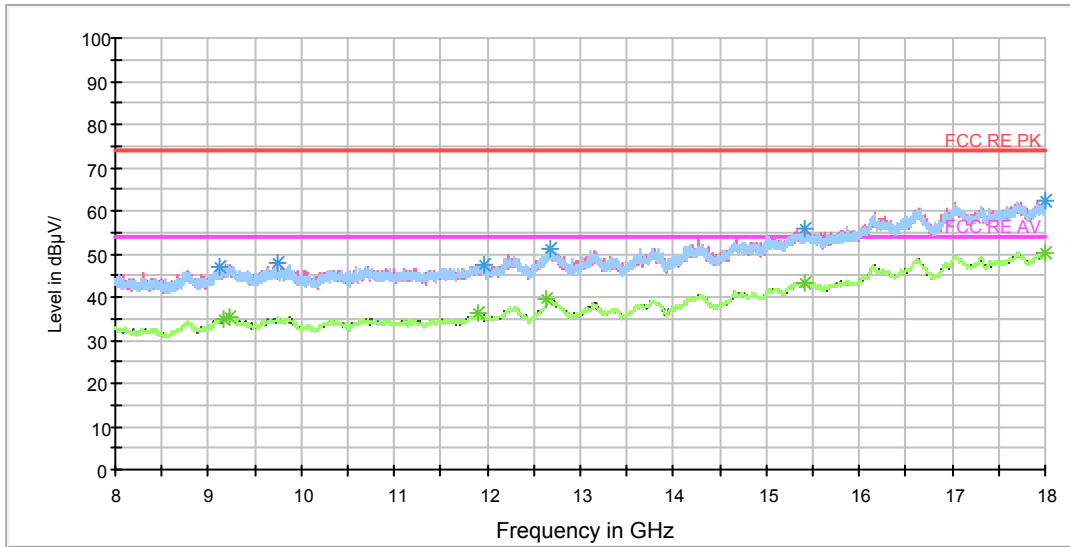
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3350.625000	39.1	100.0	V	0.0	41.4	-2.3	34.9	74
4155.000000	39.5	100.0	V	176.0	39.6	-0.1	34.5	74
4844.375000	41.9	100.0	V	20.0	40.3	1.6	32.1	74
6640.625000	45.3	100.0	H	7.0	39.8	5.5	28.7	74
6897.500000	46.0	100.0	H	57.0	39.8	6.2	28.0	74
7506.875000	45.3	100.0	H	108.0	38.4	6.9	28.7	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)
3050.000000	26.9	100.0	V	0.0	30.1	-3.2	27.1	54
4140.625000	27.5	100.0	V	0.0	27.8	-0.3	26.5	54
4750.625000	29.4	100.0	V	301.0	28.4	1.0	24.6	54
6793.125000	33.0	100.0	V	0.0	27.3	5.7	21.0	54
6996.250000	34.1	100.0	V	0.0	27.6	6.5	19.9	54
7531.250000	33.1	100.0	V	301.0	26.0	7.1	20.9	54

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

RE 3-18GHz PK+AV



Radiates Emission from 8GHz to 18GHz

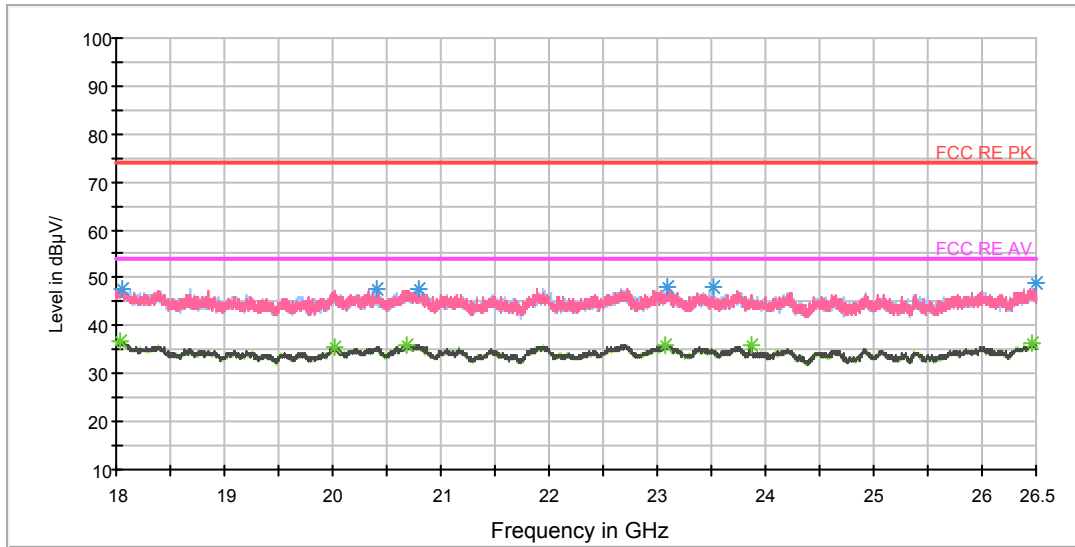
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9112.500000	47.0	100.0	V	0.0	37.1	9.9	27.0	74
9742.500000	48.0	100.0	H	0.0	38.0	10.0	26.0	74
11957.500000	47.6	100.0	V	0.0	35.7	11.9	26.4	74
12671.250000	51.4	100.0	V	246.0	37.3	14.1	22.6	74
15422.500000	55.8	100.0	V	0.0	36.4	19.4	18.2	74
17996.250000	62.3	100.0	H	88.0	36.9	25.4	11.7	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)
9157.500000	35.1	100.0	H	0.0	24.8	10.3	18.9	54
9237.500000	35.4	100.0	H	0.0	25.5	9.9	18.6	54
11907.500000	36.1	100.0	V	326.0	24.0	12.1	17.9	54
12641.250000	39.6	100.0	V	0.0	25.1	14.5	14.4	54
15420.000000	43.3	100.0	H	35.0	23.9	19.4	10.7	54
17997.500000	50.3	100.0	V	353.0	24.9	25.4	3.7	54

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

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

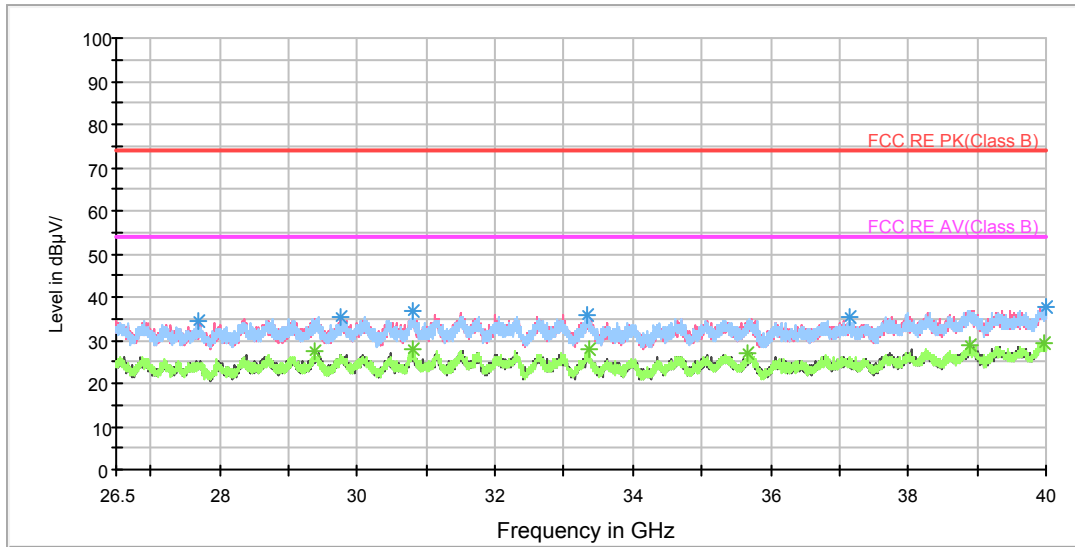
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18054.187500	47.8	H	295.0	49.8	-2.0	26.2	74
20406.562500	47.5	H	295.0	53.6	-6.1	26.5	74
20802.875000	47.7	H	85.0	54.6	-6.9	26.3	74
23100.000000	48.2	V	214.0	54.3	-6.1	25.8	74
23515.437500	48.1	H	0.0	54.0	-5.9	25.9	74
26491.500000	48.9	H	311.0	54.3	-5.4	25.1	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)
18041.437500	36.7	H	85.0	38.7	-2.0	17.3	54
20014.500000	35.7	V	119.0	41.4	-5.7	18.3	54
20681.750000	36.0	H	0.0	42.6	-6.6	18.0	54
23072.375000	36.1	V	73.0	42.2	-6.1	17.9	54
23875.625000	36.1	V	151.0	42.0	-5.9	17.9	54
26454.312500	36.5	V	198.0	41.9	-5.4	17.5	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)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27706.562500	34.5	V	347.0	36.0	-1.5	39.5	74
29763.625000	35.3	V	203.0	35.9	-0.6	38.7	74
30811.562500	36.7	H	0.0	37.1	-0.4	37.3	74
33336.062500	35.7	H	0.0	36.7	-1.0	38.3	74
37136.312500	35.5	H	6.0	35.6	0.1	38.5	74
39991.562500	37.8	H	147.0	35.5	2.3	36.2	74

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

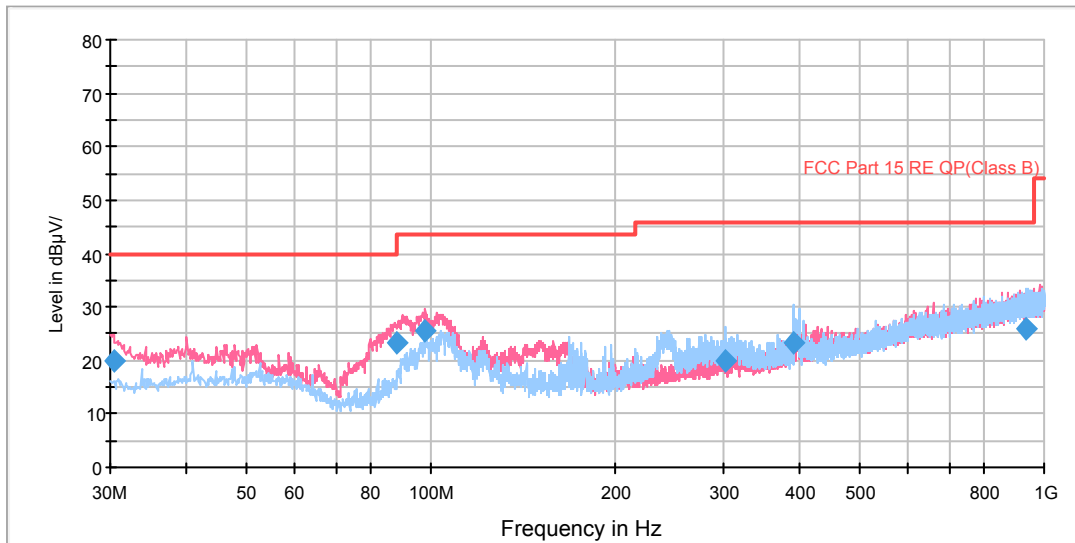
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
29370.437500	27.4	H	28.0	28.3	-0.9	26.6	54
30814.937500	28.1	V	114.0	28.5	-0.4	25.9	54
33363.062500	27.7	H	0.0	28.7	-1.0	26.3	54
35674.937500	27.0	H	16.0	27.4	-0.4	27.0	54
38884.562500	29.0	V	0.0	31.9	2.9	25.0	54
39969.625000	29.3	H	115.0	27.0	2.3	24.7	54

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



802.11ac (HT40) CH102

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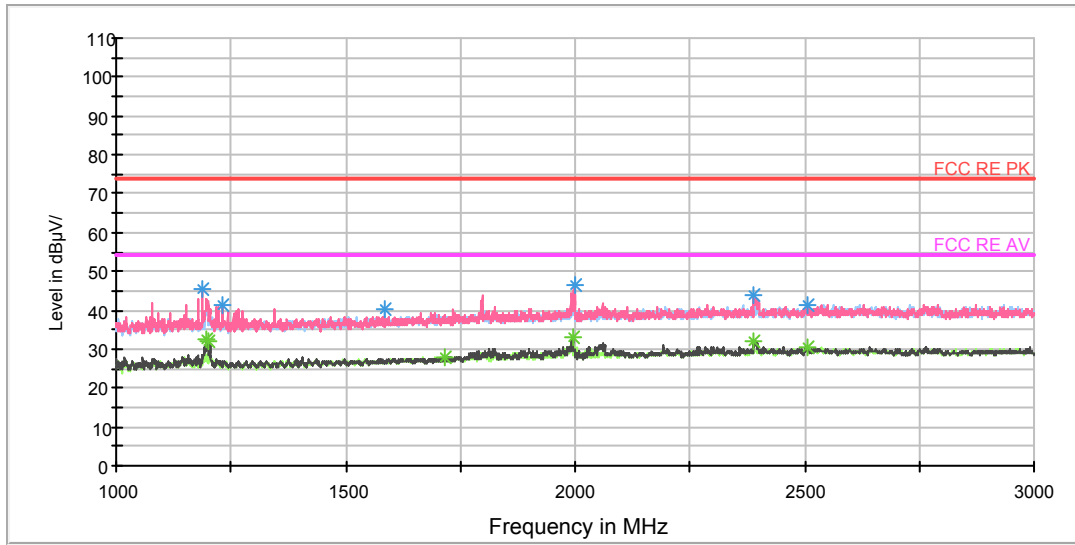


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
30.400000	19.8	100.0	V	325.0	7.7	12.1	20.2	40.0
87.951250	23.3	125.0	V	233.0	12.0	11.3	16.7	40.0
97.661250	25.4	100.0	V	260.0	12.5	12.9	18.1	43.5
301.241250	20.1	100.0	H	311.0	4.3	15.8	25.9	46.0
391.362500	23.4	100.0	H	0.0	5.5	17.9	22.6	46.0
935.980000	26.1	125.0	H	267.0	-0.9	27.0	19.9	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-6GHz PK+AV Class B



Radiates Emission from 1GHz to 3GHz

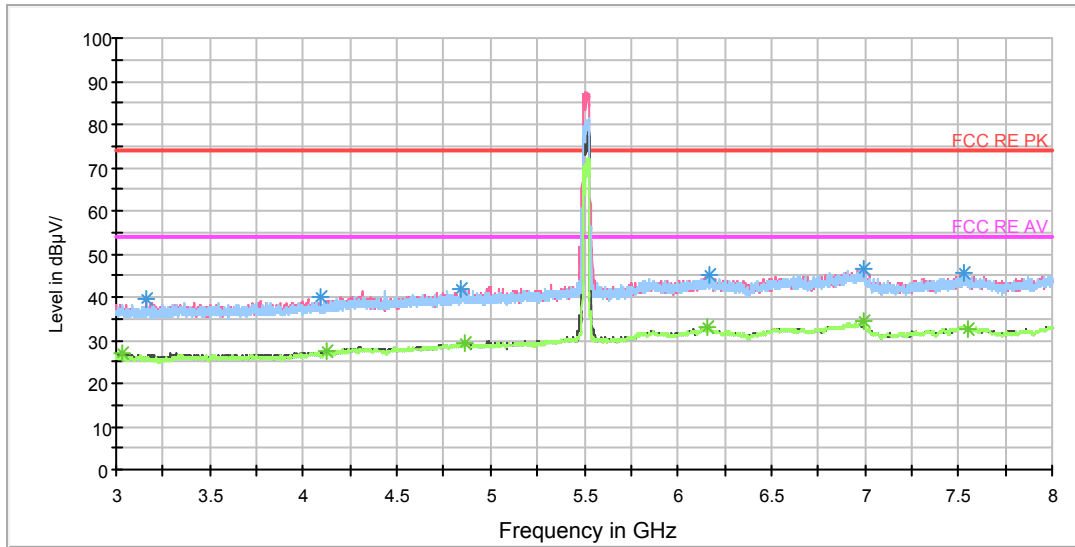
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1188.500000	45.5	100.0	V	28.0	53.1	-7.6	28.5	74
1233.000000	41.5	100.0	V	117.0	49.0	-7.5	32.5	74
1583.500000	40.0	100.0	H	300.0	46.3	-6.3	34.0	74
1998.000000	46.4	100.0	V	254.0	51.2	-4.8	27.6	74
2389.500000	44.0	100.0	V	265.0	47.2	-3.2	30.0	74
2505.500000	41.5	100.0	V	106.0	44.3	-2.8	32.5	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)
1198.000000	32.7	100.0	V	340.0	40.3	-7.6	21.3	54
1202.000000	32.0	100.0	V	340.0	39.5	-7.5	22.0	54
1716.500000	28.0	100.0	H	163.0	33.8	-5.8	26.0	54
1993.500000	32.9	100.0	V	254.0	37.7	-4.8	21.1	54
2390.500000	31.8	100.0	V	265.0	35.0	-3.2	22.2	54
2505.500000	30.6	100.0	V	106.0	33.4	-2.8	23.4	54

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

RE 3-18GHz PK+AV



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)
3164.375000	39.3	100.0	V	0.0	42.2	-2.9	34.7	74
4091.250000	40.1	100.0	H	0.0	41.0	-0.9	33.9	74
4839.375000	41.7	100.0	V	0.0	40.1	1.6	32.3	74
6173.750000	45.1	100.0	H	340.0	39.6	5.5	28.9	74
6992.500000	46.5	100.0	H	184.0	40.0	6.5	27.5	74
7526.875000	45.8	100.0	V	0.0	38.7	7.1	28.2	74

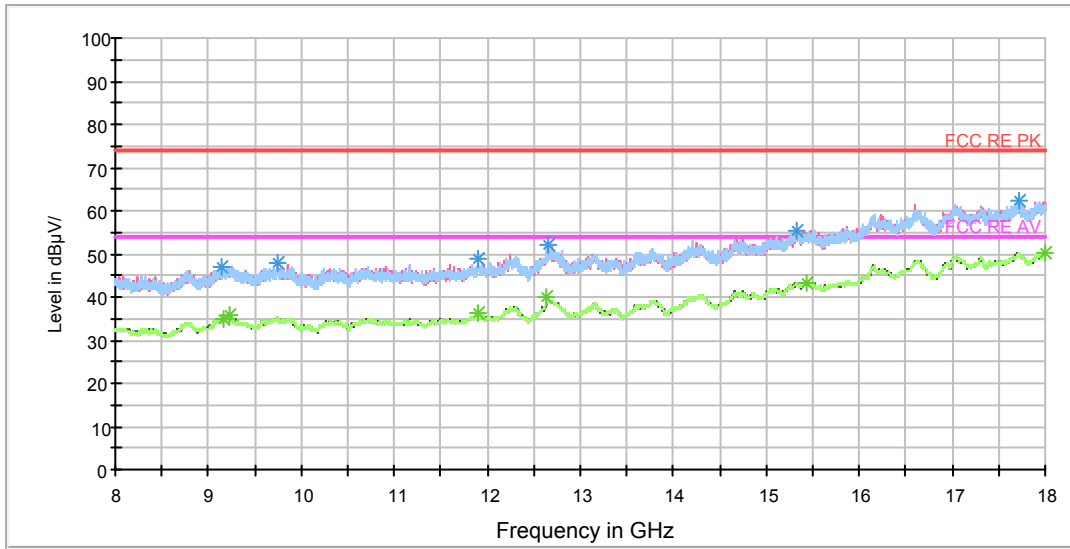
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3036.875000	26.9	100.0	V	0.0	30.2	-3.3	27.1	54
4129.375000	27.4	100.0	V	325.0	27.8	-0.4	26.6	54
4860.625000	29.2	100.0	V	325.0	27.5	1.7	24.8	54
6158.750000	32.8	100.0	V	350.0	27.1	5.7	21.2	54
6998.125000	34.3	100.0	V	301.0	27.8	6.5	19.7	54
7552.500000	32.8	100.0	V	0.0	25.8	7.0	21.2	54

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



RE 3-18GHz PK+AV



Radiates Emission from 8GHz to 18GHz

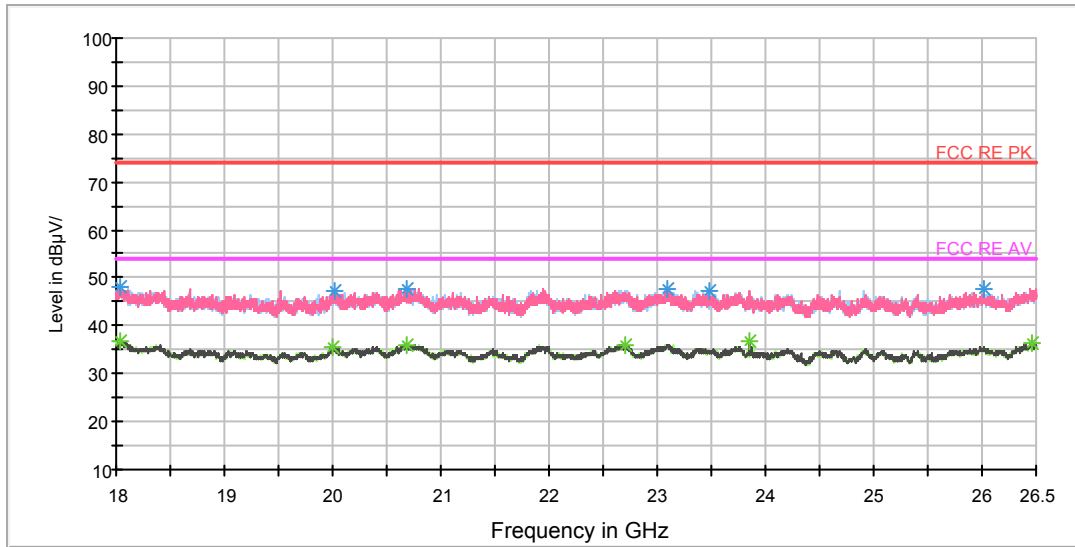
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9136.250000	46.8	100.0	H	116.0	36.8	10.0	27.2	74
9748.750000	47.9	100.0	V	0.0	38.1	9.8	26.1	74
11903.750000	49.0	100.0	V	0.0	36.8	12.2	25.0	74
12653.750000	52.3	100.0	V	190.0	38.3	14.0	21.7	74
15320.000000	55.4	100.0	H	0.0	37.0	18.4	18.6	74
17723.750000	62.3	100.0	H	0.0	37.8	24.5	11.7	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)
9157.500000	35.0	100.0	V	351.0	24.7	10.3	19.0	54
9238.750000	35.6	100.0	H	0.0	25.7	9.9	18.4	54
11901.250000	36.2	100.0	V	0.0	23.9	12.3	17.8	54
12641.250000	40.0	100.0	H	90.0	25.5	14.5	14.0	54
15427.500000	43.4	100.0	H	224.0	23.9	19.5	10.6	54
18000.000000	50.4	100.0	H	31.0	24.9	25.5	3.6	54

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

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

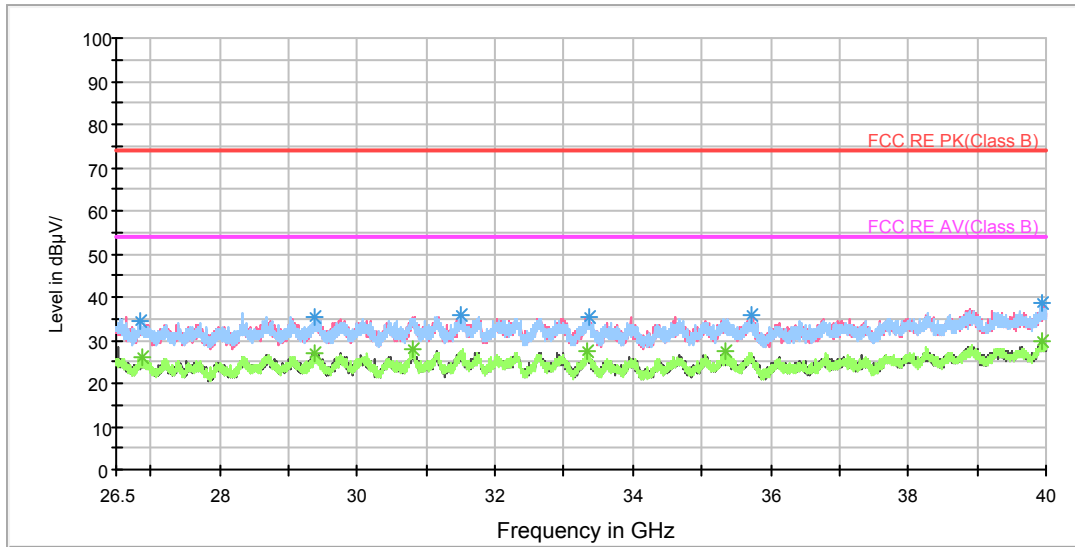
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18042.500000	48.1	H	343.0	50.1	-2.0	25.9	74
20016.625000	47.4	H	359.0	53.1	-5.7	26.6	74
20687.062500	47.8	H	0.0	54.5	-6.7	26.2	74
23090.437500	47.9	V	117.0	54.0	-6.1	26.1	74
23487.812500	47.4	H	359.0	53.3	-5.9	26.6	74
26013.375000	47.8	H	0.0	53.2	-5.4	26.2	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)
18040.375000	36.6	H	327.0	38.6	-2.0	17.4	54
20001.750000	35.6	V	117.0	41.3	-5.7	18.4	54
20689.187500	36.0	V	0.0	42.7	-6.7	18.0	54
22702.625000	36.1	V	24.0	42.7	-6.6	17.9	54
23858.625000	36.8	V	0.0	42.7	-5.9	17.2	54
26457.500000	36.4	H	0.0	41.8	-5.4	17.6	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)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
26856.062500	34.3	H	329.0	35.0	-0.7	39.7	74
29387.312500	35.3	V	163.0	36.2	-0.9	38.7	74
31495.000000	35.7	V	358.0	36.2	-0.5	38.3	74
33352.937500	35.4	V	0.0	36.4	-1.0	38.6	74
35708.687500	35.8	V	122.0	36.1	-0.3	38.2	74
39935.875000	38.6	H	218.0	36.3	2.3	35.4	74

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

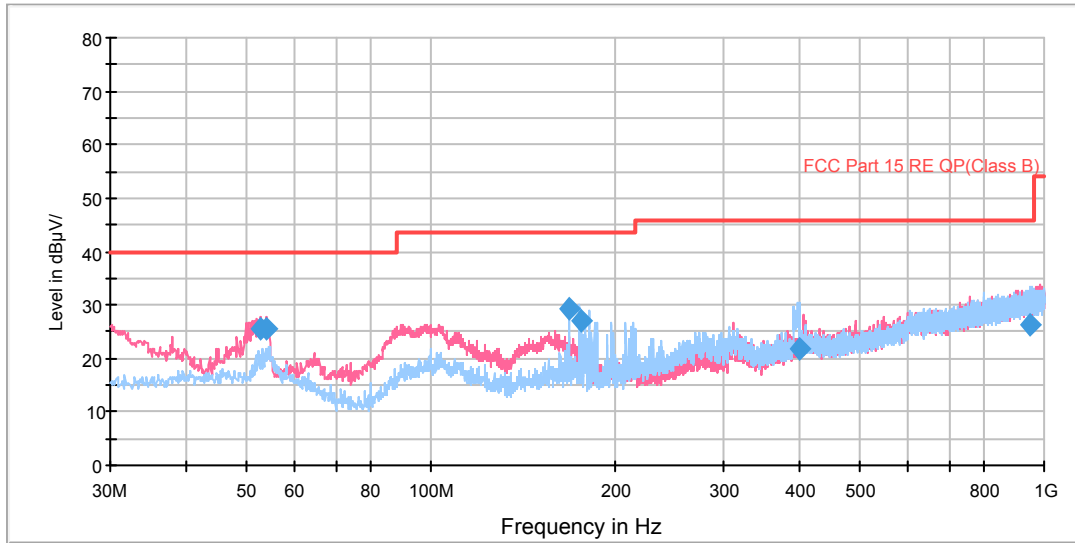
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
26889.812500	26.2	V	358.0	27.0	-0.8	27.8	54
29394.062500	27.0	H	251.0	27.9	-0.9	27.0	54
30799.750000	28.0	V	327.0	28.4	-0.4	26.0	54
33331.000000	27.2	V	163.0	28.2	-1.0	26.8	54
35357.687500	27.2	H	0.0	27.7	-0.5	26.8	54
39937.562500	29.7	V	152.0	27.4	2.3	24.3	54

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



802.11ac (HT40) CH118

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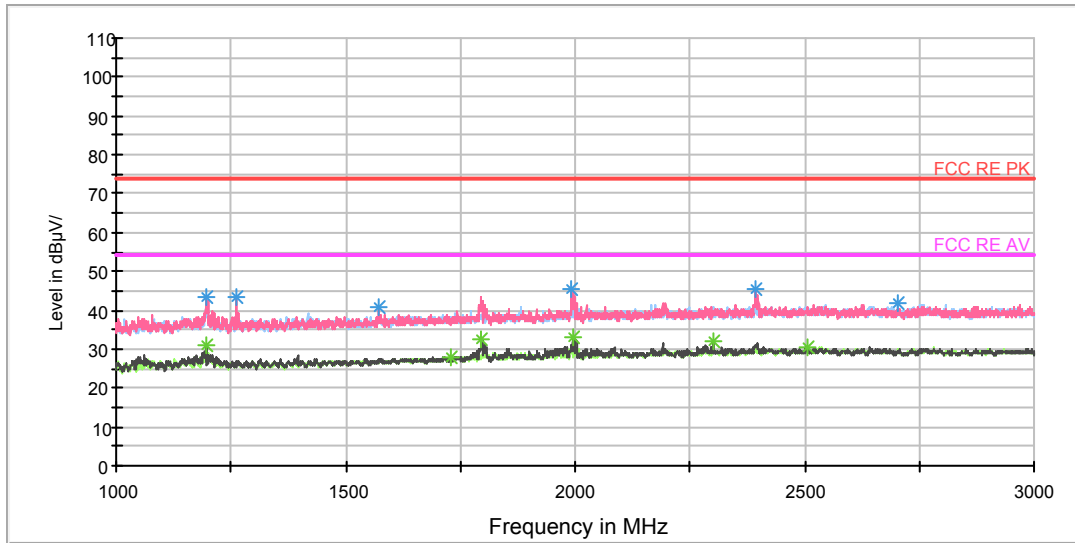


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
52.833750	25.4	100.0	V	289.0	12.4	13.0	14.6	40.0
54.006250	25.5	100.0	V	281.0	12.5	13.0	14.5	40.0
167.982500	29.3	125.0	H	282.0	18.9	10.4	14.2	43.5
175.253750	27.0	114.0	H	276.0	16.4	10.6	16.5	43.5
399.490000	21.7	100.0	H	34.0	3.5	18.2	24.3	46.0
951.460000	26.3	100.0	H	205.0	-0.9	27.2	19.7	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-6GHz PK+AV Class B



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)
1195.000000	43.2	100.0	V	0.0	50.8	-7.6	30.8	74
1262.500000	43.5	100.0	V	14.0	50.9	-7.4	30.5	74
1572.500000	40.6	100.0	V	230.0	47.0	-6.4	33.4	74
1990.000000	45.4	100.0	V	266.0	50.2	-4.8	28.6	74
2394.500000	45.6	100.0	V	242.0	48.8	-3.2	28.4	74
2704.500000	42.0	100.0	H	174.0	44.7	-2.7	32.0	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	30.8	100.0	V	0.0	38.4	-7.6	23.2	54
1729.500000	27.7	100.0	H	151.0	33.5	-5.8	26.3	54
1795.500000	32.3	100.0	V	277.0	37.8	-5.5	21.7	54
1994.000000	33.0	100.0	V	266.0	37.8	-4.8	21.0	54
2302.000000	32.2	100.0	V	266.0	35.8	-3.6	21.8	54
2506.000000	30.5	100.0	V	20.0	33.3	-2.8	23.5	54

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