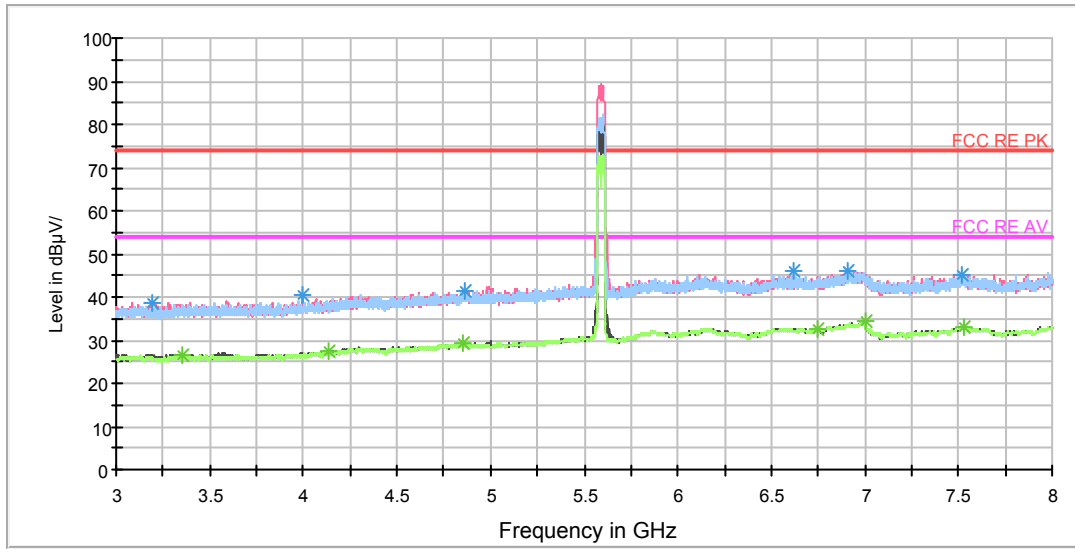


RE 3-18GHz PK+AV



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

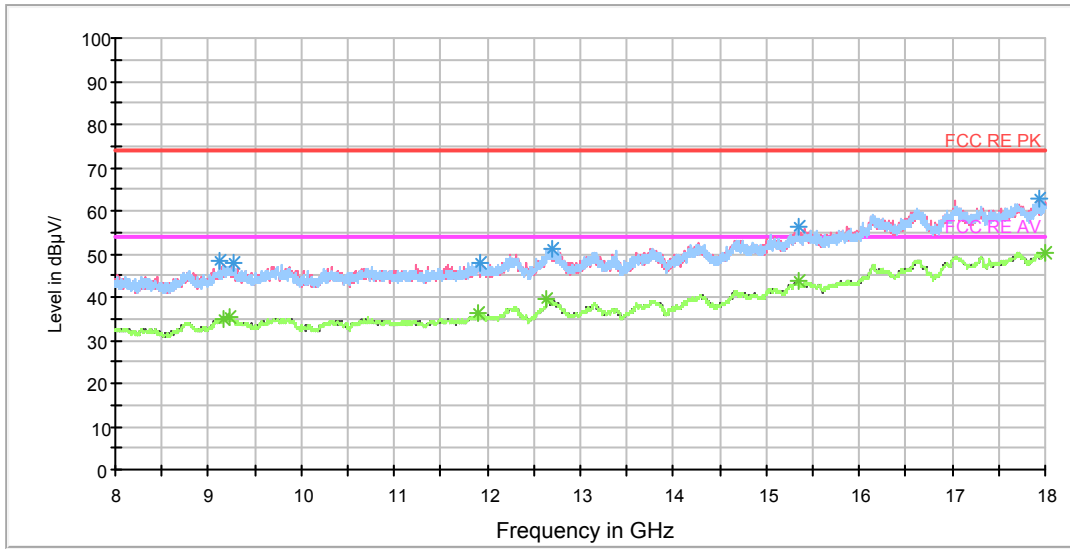
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3195.625000	38.8	100.0	V	0.0	41.7	-2.9	35.2	74
3996.875000	40.2	100.0	V	0.0	41.3	-1.1	33.8	74
4861.875000	41.6	100.0	H	206.0	39.9	1.7	32.4	74
6623.750000	46.1	100.0	H	130.0	40.6	5.5	27.9	74
6908.125000	46.2	100.0	V	0.0	40.0	6.2	27.8	74
7522.500000	45.2	100.0	H	206.0	38.1	7.1	28.8	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)
3348.750000	26.7	100.0	V	0.0	29.0	-2.3	27.3	54
4132.500000	27.4	100.0	V	355.0	27.7	-0.3	26.6	54
4857.500000	29.2	100.0	V	330.0	27.5	1.7	24.8	54
6752.500000	32.7	100.0	H	0.0	27.2	5.5	21.3	54
6999.375000	34.4	100.0	V	230.0	27.9	6.5	19.6	54
7531.250000	33.2	100.0	H	130.0	26.1	7.1	20.8	54

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

RE 3-18GHz PK+AV



Radiates Emission from 8GHz to 18GHz

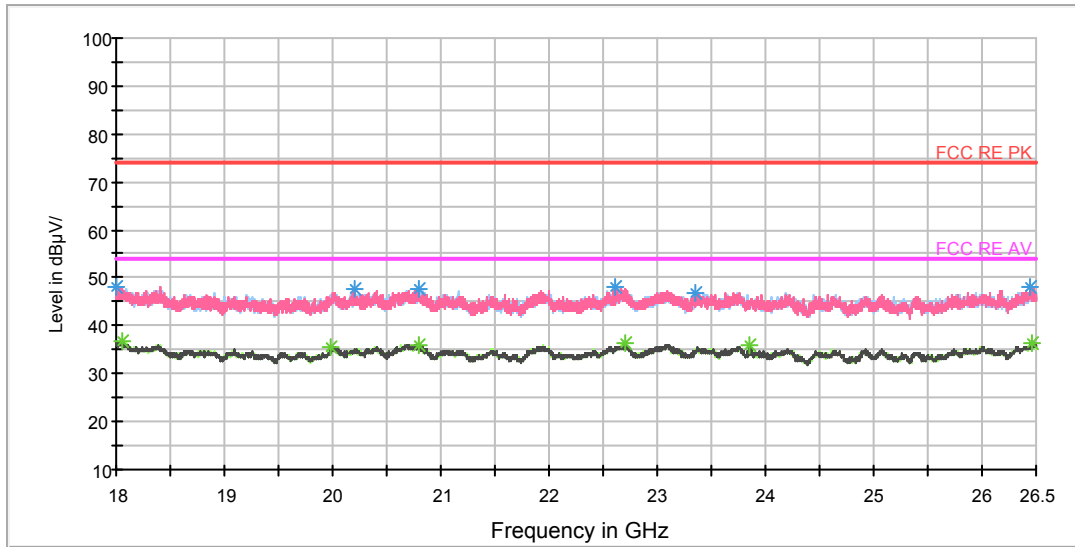
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9121.250000	48.2	100.0	H	0.0	38.1	10.1	25.8	74
9261.250000	47.9	100.0	H	114.0	38.5	9.4	26.1	74
11932.500000	47.9	100.0	H	0.0	36.2	11.7	26.1	74
12690.000000	51.1	100.0	V	302.0	36.9	14.2	22.9	74
15346.250000	56.1	100.0	H	279.0	37.3	18.8	17.9	74
17928.750000	62.8	100.0	V	356.0	37.4	25.4	11.2	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9155.000000	35.0	100.0	H	0.0	24.7	10.3	19.0	54
9238.750000	35.4	100.0	H	0.0	25.5	9.9	18.6	54
11900.000000	36.3	100.0	V	302.0	24.0	12.3	17.7	54
12640.000000	39.7	100.0	H	169.0	25.1	14.6	14.3	54
15340.000000	43.5	100.0	H	224.0	24.7	18.8	10.5	54
17998.750000	50.3	100.0	H	141.0	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)
18006.375000	48.2	H	0.0	50.2	-2.0	25.8	74
20204.687500	47.6	V	184.0	53.7	-6.1	26.4	74
20799.687500	47.6	H	0.0	54.5	-6.9	26.4	74
22617.625000	48.1	V	247.0	54.2	-6.1	25.9	74
23345.437500	46.9	H	0.0	52.8	-5.9	27.1	74
26441.562500	48.3	V	0.0	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)
18049.937500	36.8	H	166.0	38.8	-2.0	17.2	54
19982.625000	35.7	H	101.0	41.4	-5.7	18.3	54
20797.562500	36.1	V	10.0	43.0	-6.9	17.9	54
22699.437500	36.4	H	250.0	43.0	-6.6	17.6	54
23859.687500	36.1	V	167.0	42.0	-5.9	17.9	54
26454.312500	36.4	H	50.0	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)
27232.375000	34.4	H	293.0	35.5	-1.1	39.6	74
30082.562500	35.9	V	316.0	36.3	-0.4	38.1	74
31157.500000	36.0	H	52.0	36.4	-0.4	38.0	74
33344.500000	35.7	H	9.0	36.7	-1.0	38.3	74
35712.062500	35.2	H	52.0	35.5	-0.3	38.8	74
39986.500000	38.2	H	149.0	35.9	2.3	35.8	74

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

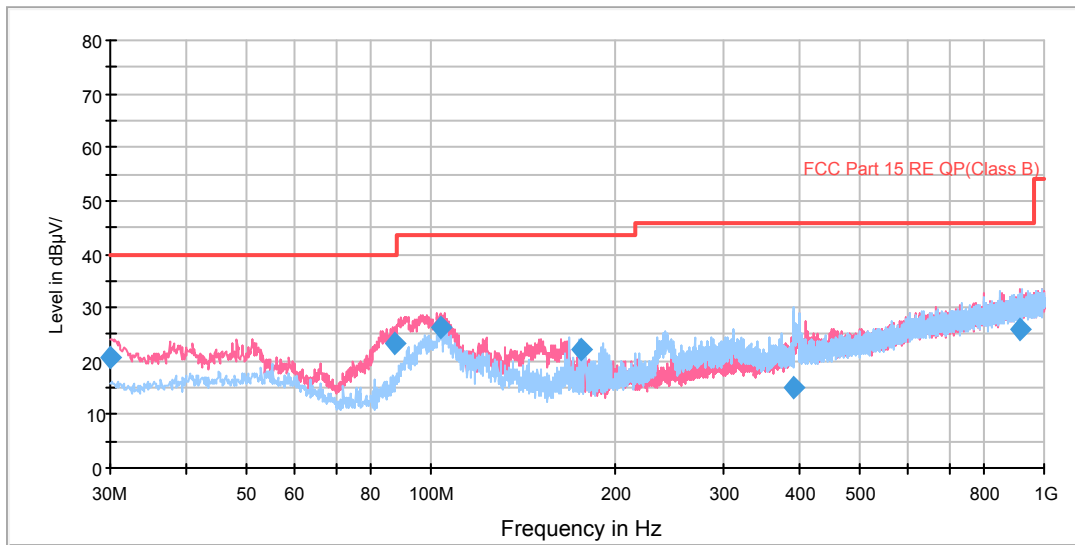
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28364.687500	27.1	H	127.0	28.6	-1.5	26.9	54
29389.000000	26.9	H	107.0	27.8	-0.9	27.1	54
30791.312500	28.1	H	259.0	28.5	-0.4	25.9	54
32634.062500	27.2	V	269.0	27.9	-0.7	26.8	54
35329.000000	27.6	H	293.0	28.1	-0.5	26.4	54
39973.000000	29.9	H	0.0	27.6	2.3	24.1	54

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



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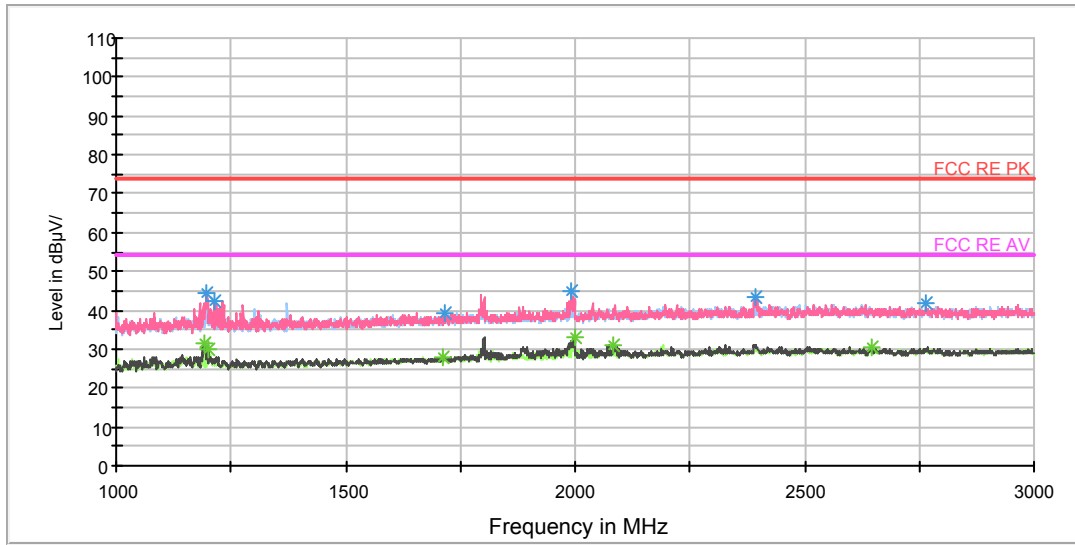


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
30.000000	20.7	100.0	V	70.0	8.6	12.1	19.3	40.0
87.356250	23.2	100.0	V	303.0	12.1	11.1	16.8	40.0
103.597500	26.3	100.0	V	247.0	13.4	12.9	17.2	43.5
175.216250	22.2	125.0	H	85.0	11.6	10.6	21.3	43.5
391.077500	15.1	125.0	H	0.0	-2.7	17.8	30.9	46.0
915.691250	25.8	125.0	V	173.0	-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

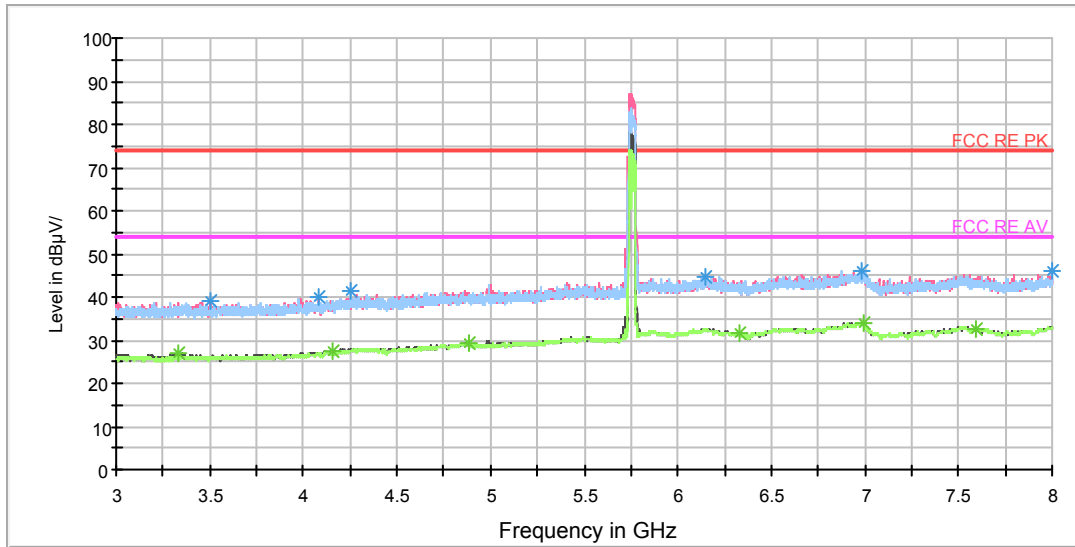
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1198.500000	44.7	100.0	V	1.0	52.3	-7.6	29.3	74
1215.500000	42.2	100.0	V	2.0	49.7	-7.5	31.8	74
1717.500000	39.2	100.0	H	340.0	45.0	-5.8	34.8	74
1992.000000	45.0	100.0	V	277.0	49.8	-4.8	29.0	74
2391.000000	43.2	100.0	V	0.0	46.4	-3.2	30.8	74
2764.500000	41.7	100.0	V	174.0	44.3	-2.6	32.3	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)
1191.500000	31.4	100.0	V	0.0	39.0	-7.6	22.6	54
1202.500000	29.7	100.0	V	2.0	37.2	-7.5	24.3	54
1710.500000	27.8	100.0	V	0.0	33.6	-5.8	26.2	54
1998.000000	33.1	100.0	V	277.0	37.9	-4.8	20.9	54
2084.000000	31.2	100.0	V	326.0	35.6	-4.4	22.8	54
2645.000000	30.5	100.0	V	2.0	33.2	-2.7	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

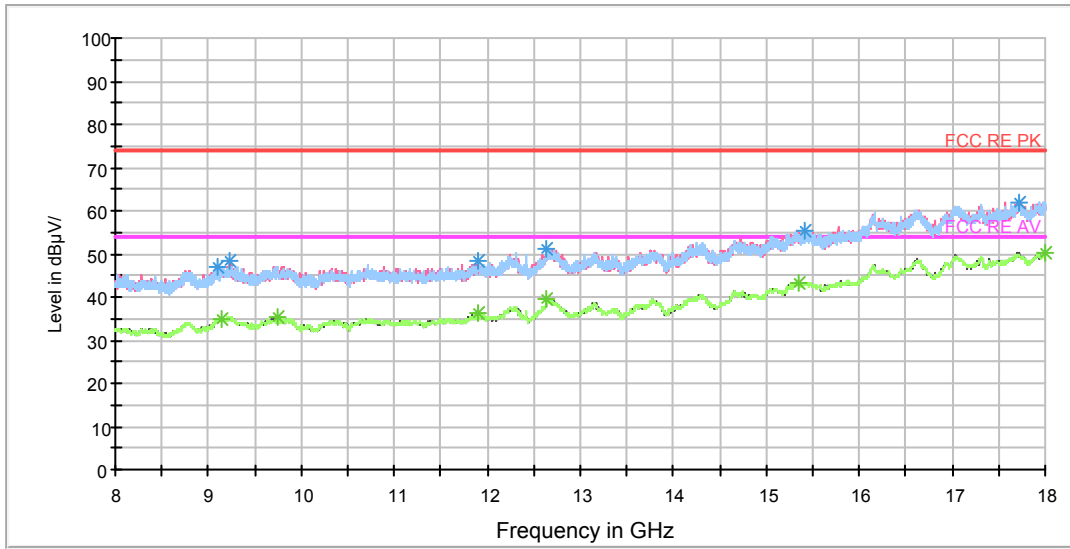
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3498.750000	39.1	100.0	V	0.0	41.2	-2.1	34.9	74
4083.125000	39.8	100.0	V	0.0	40.7	-0.9	34.2	74
4253.125000	41.4	100.0	H	0.0	40.8	0.6	32.6	74
6149.375000	44.7	100.0	V	253.0	39.2	5.5	29.3	74
6988.125000	45.9	100.0	H	0.0	39.5	6.4	28.1	74
7996.875000	46.2	100.0	H	233.0	38.9	7.3	27.8	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)
3328.125000	26.8	100.0	V	0.0	29.0	-2.2	27.2	54
4153.750000	27.4	100.0	V	99.0	27.5	-0.1	26.6	54
4879.375000	29.3	100.0	H	0.0	27.5	1.8	24.7	54
6331.250000	31.5	100.0	V	0.0	26.1	5.4	22.5	54
6993.750000	34.1	100.0	V	0.0	27.6	6.5	19.9	54
7590.625000	32.6	100.0	V	278.0	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

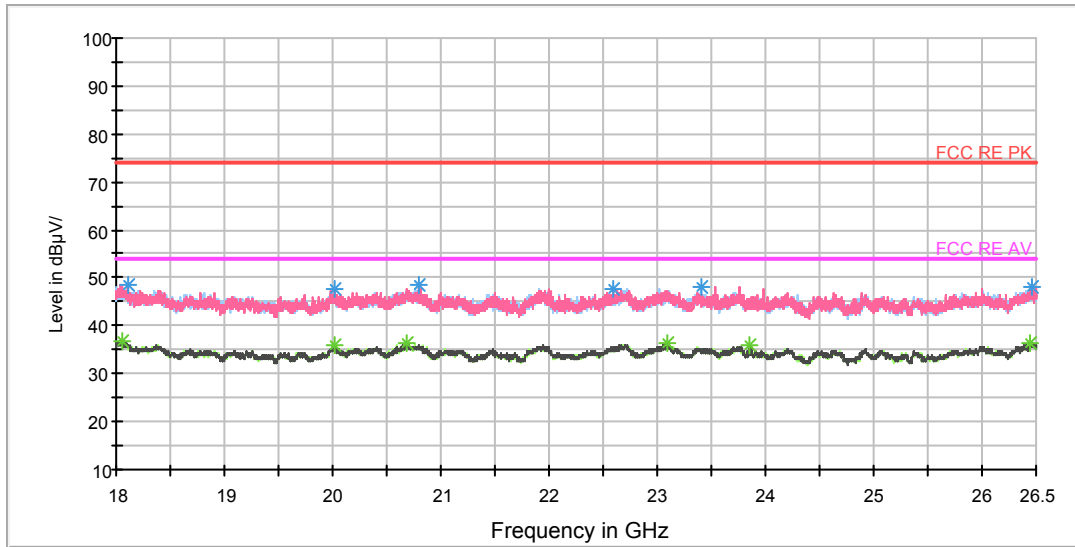
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9092.500000	47.2	100.0	H	339.0	37.8	9.4	26.8	74
9233.750000	48.5	100.0	V	0.0	38.6	9.9	25.5	74
11908.750000	48.5	100.0	H	199.0	36.5	12.0	25.5	74
12641.250000	51.1	100.0	H	199.0	36.6	14.5	22.9	74
15418.750000	55.6	100.0	V	325.0	36.2	19.4	18.4	74
17716.250000	62.0	100.0	H	0.0	37.4	24.6	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)
9151.250000	35.0	100.0	H	64.0	24.8	10.2	19.0	54
9740.000000	35.3	100.0	H	199.0	25.3	10.0	18.7	54
11898.750000	36.3	100.0	V	0.0	24.0	12.3	17.7	54
12638.750000	39.7	100.0	H	309.0	25.3	14.4	14.3	54
15340.000000	43.3	100.0	V	298.0	24.5	18.8	10.7	54
17995.000000	50.4	100.0	H	92.0	25.1	25.3	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

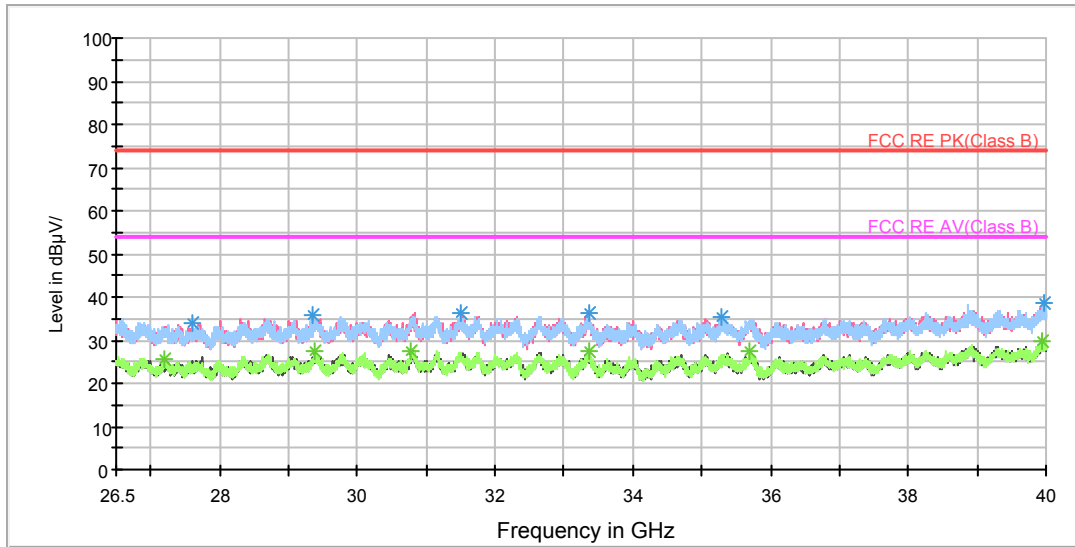
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18102.000000	48.7	V	55.0	50.9	-2.2	25.3	74
20012.375000	47.5	V	55.0	53.2	-5.7	26.5	74
20792.250000	48.7	V	24.0	55.6	-6.9	25.3	74
22597.437500	47.6	V	103.0	54.3	-6.7	26.4	74
23398.562500	48.3	H	50.0	54.2	-5.9	25.7	74
26457.500000	48.1	V	8.0	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)
18058.437500	36.6	V	87.0	38.6	-2.0	17.4	54
20014.500000	35.8	V	215.0	41.5	-5.7	18.2	54
20683.875000	36.2	H	356.0	42.8	-6.6	17.8	54
23097.875000	36.3	V	103.0	42.4	-6.1	17.7	54
23860.750000	36.1	V	0.0	42.0	-5.9	17.9	54
26445.812500	36.3	V	134.0	41.7	-5.4	17.7	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)
27593.500000	33.8	H	0.0	35.2	-1.4	40.2	74
29360.312500	35.9	V	159.0	36.8	-0.9	38.1	74
31493.312500	36.4	H	171.0	36.9	-0.5	37.6	74
33361.375000	36.1	H	127.0	37.1	-1.0	37.9	74
35280.062500	35.5	V	308.0	36.1	-0.6	38.5	74
39964.562500	38.5	H	283.0	36.2	2.3	35.5	74

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

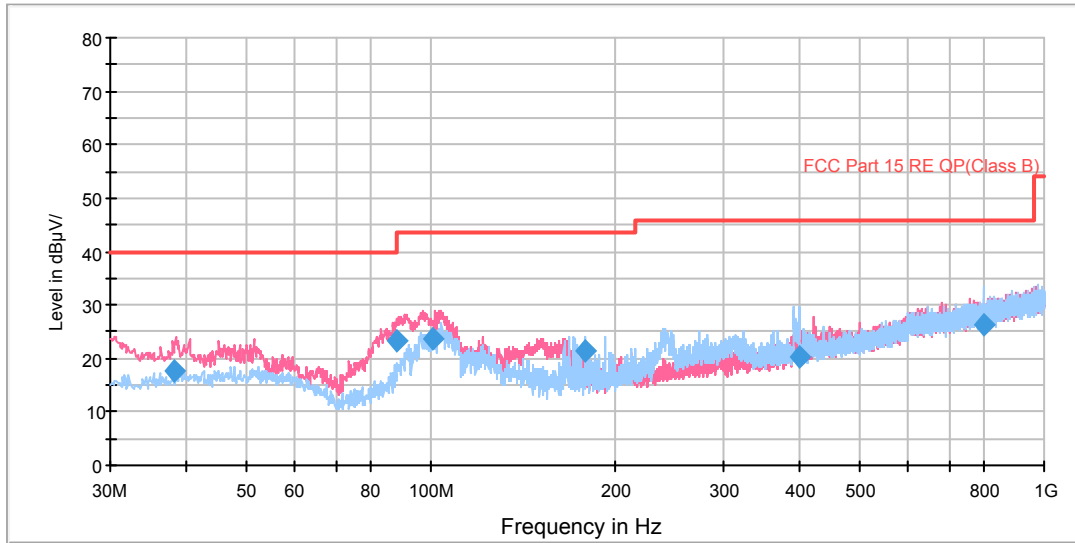
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27207.062500	25.4	V	330.0	26.5	-1.1	28.6	54
29380.562500	27.4	V	318.0	28.3	-0.9	26.6	54
30789.625000	27.4	V	330.0	27.8	-0.4	26.6	54
33354.625000	27.4	V	192.0	28.4	-1.0	26.6	54
35700.250000	27.5	H	81.0	27.8	-0.3	26.5	54
39947.687500	29.6	H	138.0	27.3	2.3	24.4	54

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



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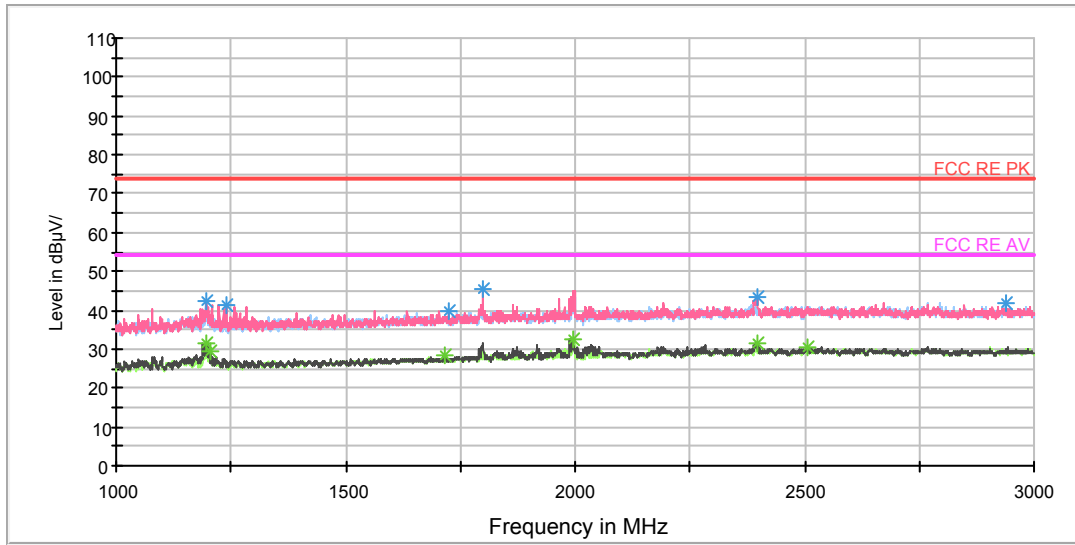


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
38.046250	17.7	100.0	V	323.0	5.0	12.7	22.3	40.0
87.750000	23.5	100.0	V	261.0	12.3	11.2	16.5	40.0
101.095000	23.6	100.0	V	215.0	10.4	13.2	19.9	43.5
178.891250	21.5	125.0	H	94.0	10.7	10.8	22.0	43.5
399.090000	20.2	100.0	H	0.0	2.2	18.0	25.8	46.0
797.997500	26.4	100.0	H	295.0	1.1	25.3	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

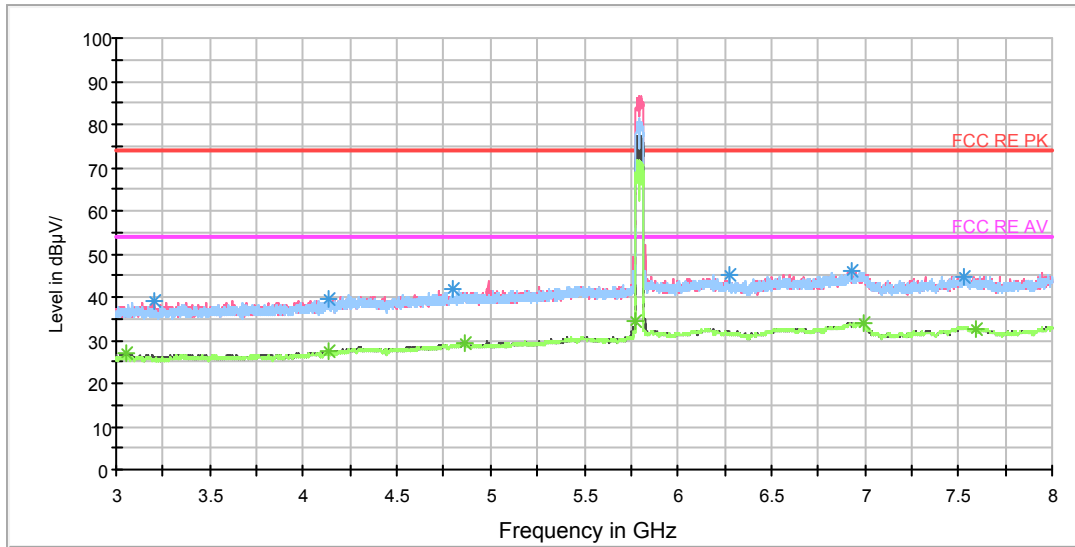
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1195.000000	42.3	100.0	V	339.0	49.9	-7.6	31.7	74
1239.000000	41.4	100.0	V	196.0	48.8	-7.4	32.6	74
1725.000000	39.8	100.0	V	301.0	45.6	-5.8	34.2	74
1799.000000	45.3	100.0	V	265.0	50.8	-5.5	28.7	74
2398.500000	43.2	100.0	V	301.0	46.4	-3.2	30.8	74
2938.000000	41.8	100.0	H	121.0	44.3	-2.5	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)
1197.500000	31.6	100.0	V	339.0	39.2	-7.6	22.4	54
1203.500000	29.4	100.0	H	355.0	36.9	-7.5	24.6	54
1715.500000	28.2	100.0	V	242.0	34.0	-5.8	25.8	54
1995.000000	32.7	100.0	V	290.0	37.5	-4.8	21.3	54
2395.500000	31.6	100.0	V	301.0	34.8	-3.2	22.4	54
2507.500000	30.5	100.0	H	359.0	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

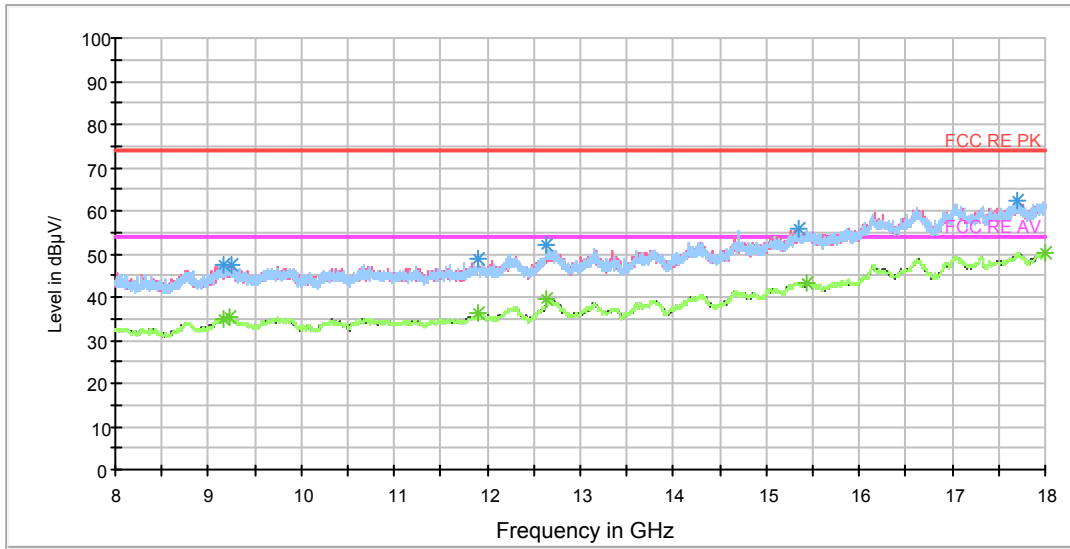
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3198.750000	39.2	100.0	V	0.0	42.1	-2.9	34.8	74
4139.375000	39.5	100.0	V	0.0	39.8	-0.3	34.5	74
4798.750000	41.9	100.0	H	286.0	40.6	1.3	32.1	74
6278.125000	45.0	100.0	H	185.0	39.7	5.3	29.0	74
6931.875000	46.2	100.0	V	274.0	40.0	6.2	27.8	74
7528.125000	44.6	100.0	V	20.0	37.5	7.1	29.4	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)
3050.625000	26.8	100.0	V	0.0	30.0	-3.2	27.2	54
4130.625000	27.3	100.0	V	274.0	27.7	-0.4	26.7	54
4865.000000	29.2	100.0	V	0.0	27.5	1.7	24.8	54
5768.750000	34.2	100.0	V	199.0	30.5	3.7	19.8	54
6997.500000	34.1	100.0	V	20.0	27.6	6.5	19.9	54
7588.750000	32.6	100.0	H	0.0	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

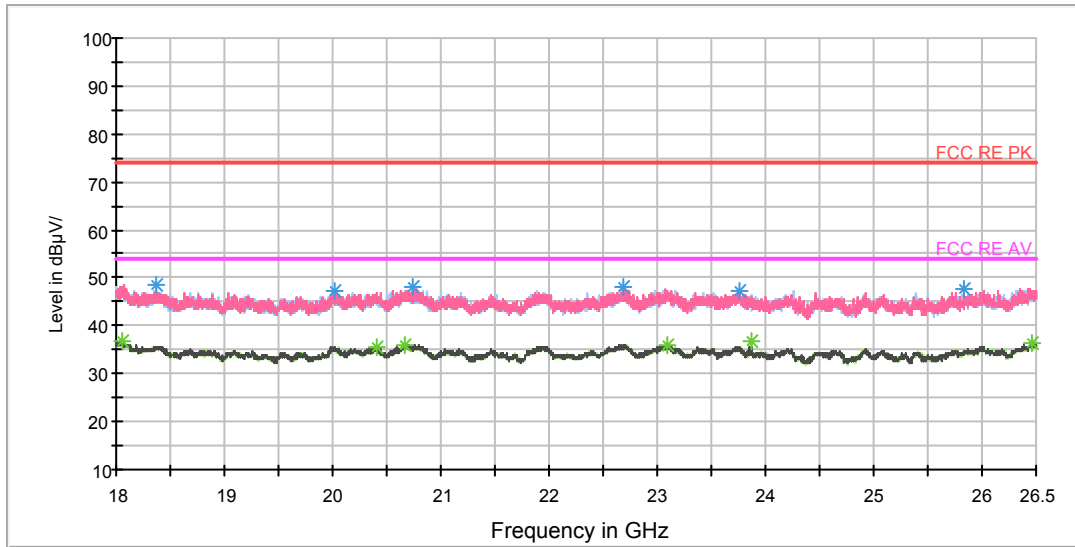
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9156.250000	47.5	100.0	V	244.0	37.2	10.3	26.5	74
9245.000000	47.5	100.0	V	135.0	37.7	9.8	26.5	74
11900.000000	48.6	100.0	V	271.0	36.3	12.3	25.4	74
12638.750000	52.2	100.0	H	0.0	37.8	14.4	21.8	74
15340.000000	56.0	100.0	H	0.0	37.2	18.8	18.0	74
17705.000000	62.3	100.0	H	308.0	37.6	24.7	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)
9153.750000	34.9	100.0	H	0.0	24.7	10.2	19.1	54
9233.750000	35.4	100.0	V	326.0	25.5	9.9	18.6	54
11901.250000	36.2	100.0	V	353.0	23.9	12.3	17.8	54
12641.250000	39.7	100.0	V	0.0	25.2	14.5	14.3	54
15428.750000	43.4	100.0	V	217.0	23.9	19.5	10.6	54
17998.750000	50.5	100.0	V	353.0	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

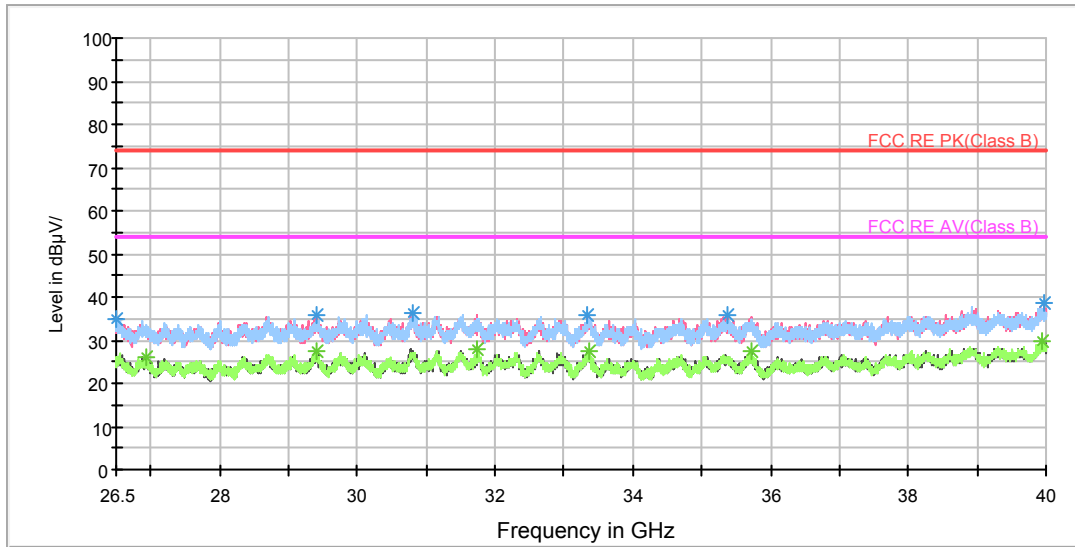
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18377.187500	48.6	H	0.0	52.0	-3.4	25.4	74
20010.250000	47.2	H	312.0	52.9	-5.7	26.8	74
20747.625000	48.1	H	343.0	54.9	-6.8	25.9	74
22693.062500	48.2	V	0.0	54.8	-6.6	25.8	74
23765.125000	47.3	H	101.0	53.2	-5.9	26.7	74
25838.062500	47.6	V	70.0	53.1	-5.5	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)
18059.500000	37.0	V	213.0	39.1	-2.1	17.0	54
20408.687500	35.5	V	39.0	41.6	-6.1	18.5	54
20675.375000	36.1	V	0.0	42.7	-6.6	17.9	54
23095.750000	36.1	V	0.0	42.2	-6.1	17.9	54
23874.562500	36.6	H	358.0	42.5	-5.9	17.4	54
26456.437500	36.3	V	39.0	41.7	-5.4	17.7	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)
26511.812500	34.8	H	114.0	35.1	-0.3	39.2	74
29412.625000	35.8	V	304.0	36.7	-0.9	38.2	74
30801.437500	36.4	H	92.0	36.8	-0.4	37.6	74
33351.250000	35.7	V	326.0	36.7	-1.0	38.3	74
35361.062500	35.7	V	248.0	36.2	-0.5	38.3	74
39962.875000	38.4	V	70.0	36.1	2.3	35.6	74

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

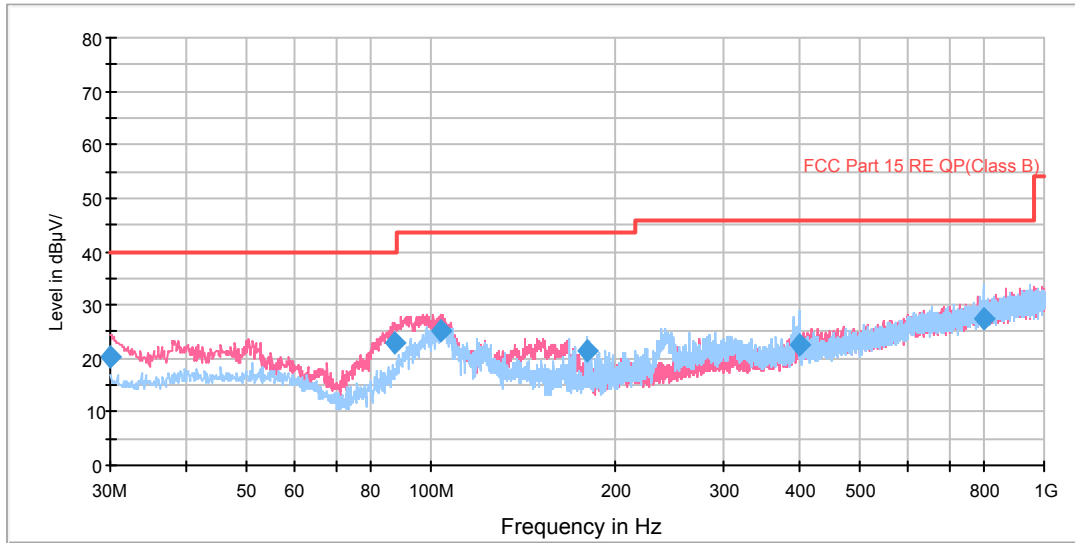
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
26933.687500	26.2	H	26.2	27.0	-0.8	27.8	54
29419.375000	27.4	V	27.4	28.3	-0.9	26.6	54
31748.125000	28.0	H	28.0	28.5	-0.5	26.0	54
33361.375000	27.5	V	27.5	28.5	-1.0	26.5	54
35723.875000	27.3	V	27.3	27.6	-0.3	26.7	54
39937.562500	29.7	V	29.7	27.4	2.3	24.3	54

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



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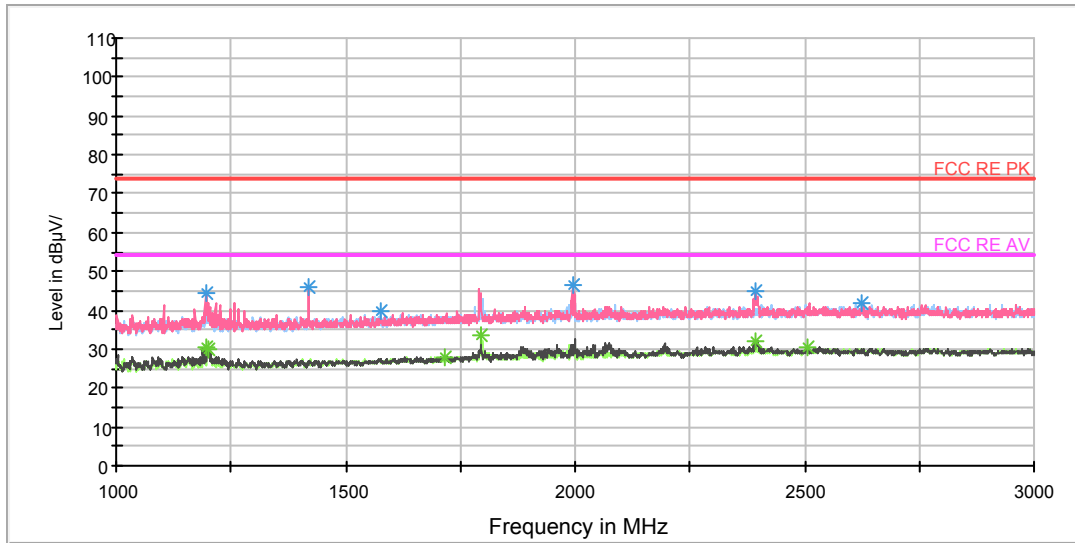


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
30.000000	20.1	100.0	V	158.0	8.0	12.1	19.9	40.0
87.466250	23.1	125.0	V	278.0	12.0	11.1	16.9	40.0
104.047500	25.3	100.0	V	235.0	12.4	12.9	18.2	43.5
179.622500	21.3	125.0	H	86.0	10.3	11.0	22.2	43.5
399.525000	22.5	111.0	H	0.0	4.3	18.2	23.5	46.0
797.515000	27.3	100.0	H	233.0	2.5	24.8	18.7	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

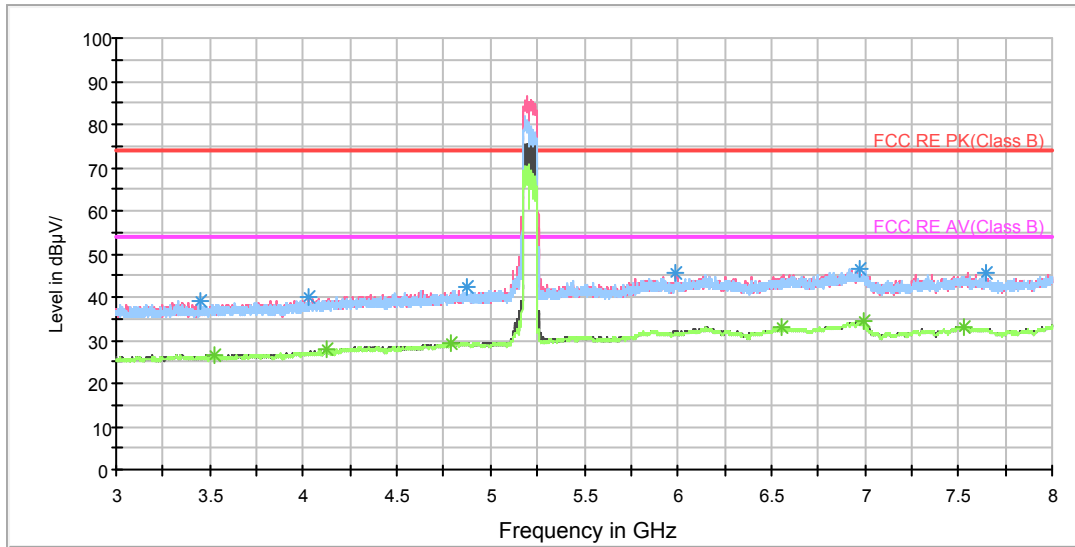
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1194.500000	44.2	100.0	V	2.0	51.8	-7.6	29.8	74
1419.500000	45.9	100.0	V	242.0	52.8	-6.9	28.1	74
1577.500000	39.6	100.0	H	120.0	45.9	-6.3	34.4	74
1993.500000	46.5	100.0	V	277.0	51.3	-4.8	27.5	74
2393.500000	44.8	100.0	V	242.0	48.0	-3.2	29.2	74
2623.500000	41.9	100.0	H	302.0	44.6	-2.7	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)
1196.000000	30.3	100.0	V	0.0	37.9	-7.6	23.7	54
1202.000000	30.2	100.0	V	352.0	37.7	-7.5	23.8	54
1718.000000	27.9	100.0	V	95.0	33.7	-5.8	26.1	54
1796.000000	33.3	100.0	V	290.0	38.8	-5.5	20.7	54
2393.500000	32.0	100.0	V	242.0	35.2	-3.2	22.0	54
2505.500000	30.3	100.0	H	257.0	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

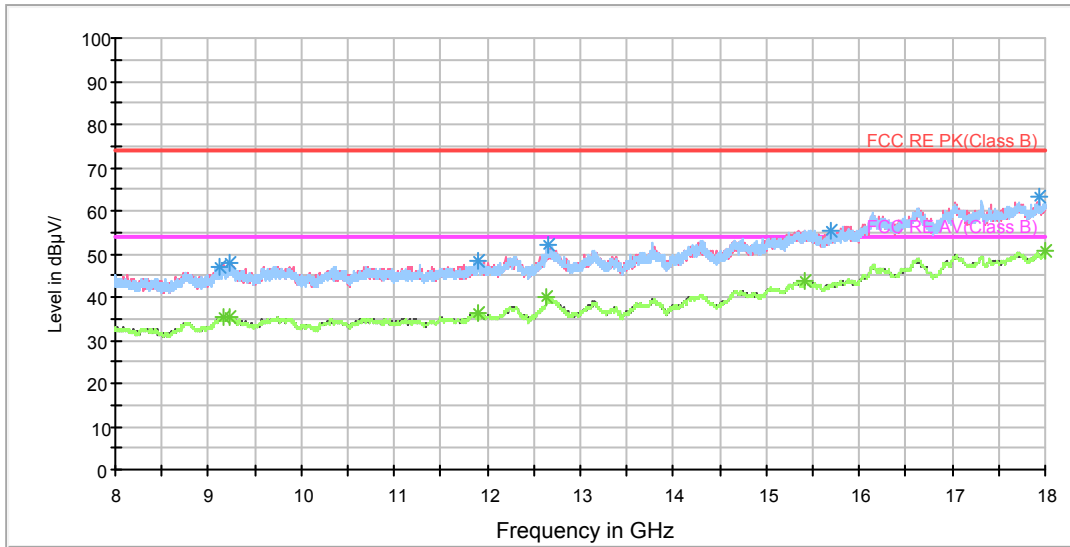
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3449.375000	39.2	100.0	H	33.0	41.4	-2.2	34.8	74
4031.875000	40.1	100.0	V	342.0	41.2	-1.1	33.9	74
4870.000000	42.5	100.0	H	8.0	40.7	1.8	31.5	74
5986.875000	45.6	100.0	V	317.0	40.8	4.8	28.4	74
6966.875000	46.4	100.0	V	130.0	40.1	6.3	27.6	74
7641.875000	45.8	100.0	H	0.0	38.9	6.9	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)
3520.625000	26.5	100.0	V	0.0	28.5	-2.0	27.5	54
4121.250000	27.8	100.0	V	292.0	28.3	-0.5	26.2	54
4789.375000	29.5	100.0	V	0.0	28.3	1.2	24.5	54
6556.250000	33.0	100.0	V	0.0	27.3	5.7	21.0	54
6998.125000	34.3	100.0	V	0.0	27.8	6.5	19.7	54
7528.125000	33.2	100.0	V	267.0	26.1	7.1	20.8	54

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

RE 3-18GHz PK+AV



Radiates Emission from 8GHz to 18GHz

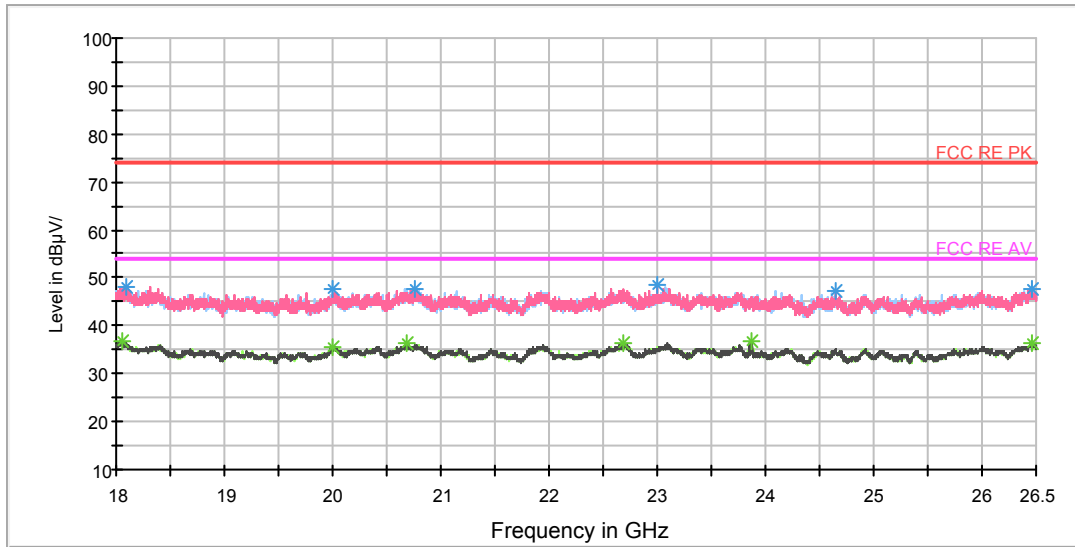
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9130.000000	47.1	100.0	V	243.0	37.1	10.0	26.9	74
9235.000000	47.7	100.0	H	0.0	37.8	9.9	26.3	74
11895.000000	48.5	100.0	V	0.0	36.4	12.1	25.5	74
12645.000000	52.0	100.0	H	197.0	37.6	14.4	22.0	74
15691.250000	55.4	100.0	V	0.0	36.2	19.2	18.6	74
17943.750000	63.1	100.0	H	0.0	38.2	24.9	10.9	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9153.750000	35.3	100.0	H	0.0	25.1	10.2	18.7	54
9236.250000	35.6	100.0	V	323.0	25.7	9.9	18.4	54
11900.000000	36.4	100.0	V	297.0	24.1	12.3	17.6	54
12641.250000	40.1	100.0	V	51.0	25.6	14.5	13.9	54
15417.500000	43.8	100.0	V	297.0	24.5	19.3	10.2	54
18000.000000	50.6	100.0	V	216.0	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

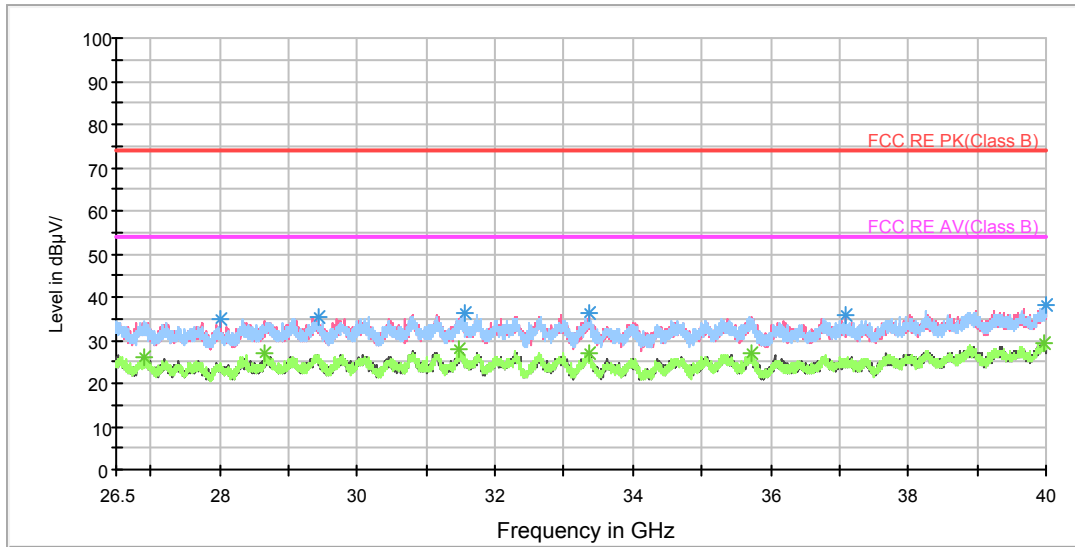
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18089.250000	48.3	V	264.0	50.5	-2.2	25.7	74
20001.750000	47.8	H	292.0	53.5	-5.7	26.2	74
20761.437500	47.8	H	117.0	54.6	-6.8	26.2	74
22999.062500	48.7	V	58.0	54.9	-6.2	25.3	74
24650.187500	47.3	V	0.0	53.3	-6.0	26.7	74
26462.812500	47.6	H	84.0	53.0	-5.4	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)
18047.812500	36.8	V	58.0	38.8	-2.0	17.2	54
20006.000000	35.7	V	121.0	41.4	-5.7	18.3	54
20681.750000	36.2	H	355.0	42.8	-6.6	17.8	54
22692.000000	36.2	H	150.0	42.8	-6.6	17.8	54
23878.812500	36.8	V	11.0	42.7	-5.9	17.2	54
26458.562500	36.4	H	181.0	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)
28018.750000	34.7	V	313.0	36.4	-1.7	39.3	74
29436.250000	35.4	H	105.0	36.3	-0.9	38.6	74
31554.062500	36.4	H	270.0	36.9	-0.5	37.6	74
33361.375000	36.1	V	205.0	37.1	-1.0	37.9	74
37078.937500	35.6	V	128.0	35.6	0.0	38.4	74
39991.562500	38.1	V	336.0	35.8	2.3	35.9	74

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

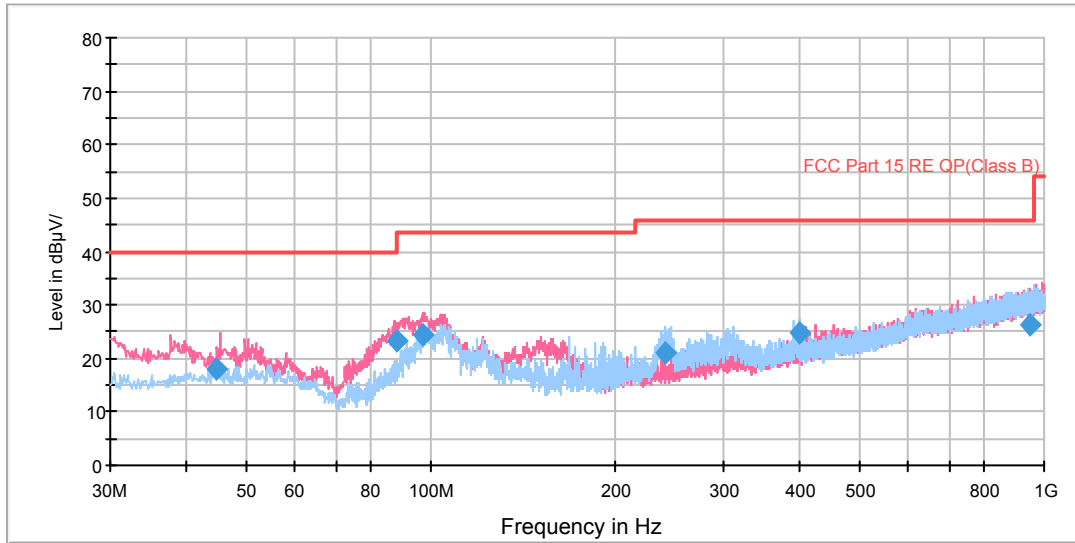
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
26918.500000	26.2	V	20.0	27.0	-0.8	27.8	54
28665.062500	27.1	H	72.0	28.5	-1.4	26.9	54
31484.875000	27.9	H	17.0	28.4	-0.5	26.1	54
33352.937500	27.1	V	346.0	28.1	-1.0	26.9	54
35725.562500	27.0	V	313.0	27.3	-0.3	27.0	54
39984.812500	29.2	H	204.0	26.9	2.3	24.8	54

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



802.11ac (HT80) CH58

FCC RE 0.03-1GHz QP Class B



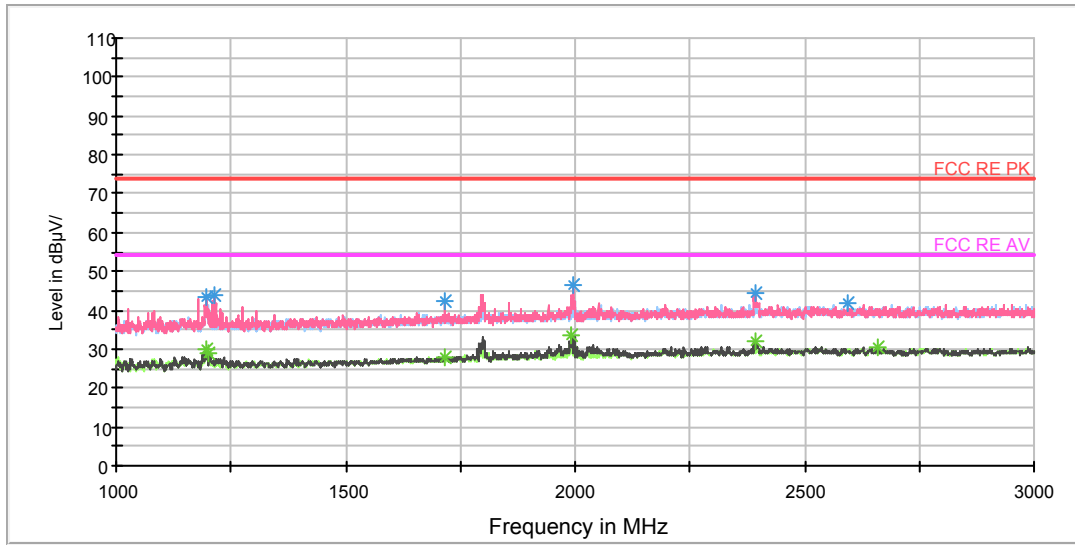
Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
44.798750	18.1	100.0	V	289.0	5.0	13.1	21.9	40.0
87.752500	23.1	125.0	V	284.0	11.9	11.2	16.9	40.0
96.895000	24.5	100.0	V	226.0	11.6	12.9	19.0	43.5
241.982500	21.0	125.0	H	0.0	6.9	14.1	25.0	46.0
399.491250	24.9	100.0	H	120.0	6.7	18.2	21.1	46.0
951.385000	26.2	114.0	V	318.0	-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

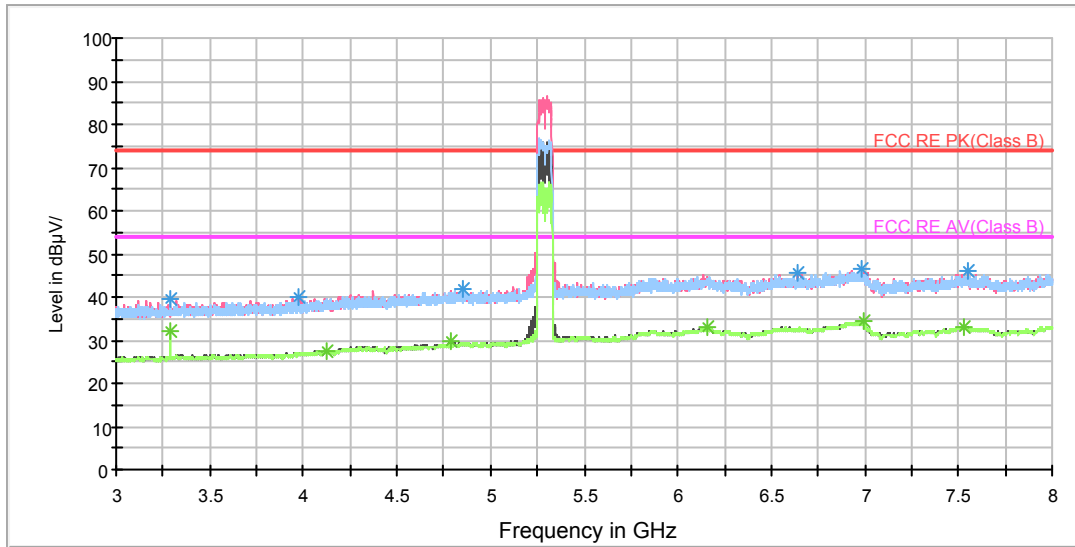
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1198.500000	43.2	100.0	V	3.0	50.8	-7.6	30.8	74
1213.500000	43.9	100.0	V	0.0	51.4	-7.5	30.1	74
1716.500000	42.1	100.0	V	289.0	47.9	-5.8	31.9	74
1994.500000	46.7	100.0	V	289.0	51.5	-4.8	27.3	74
2393.000000	44.4	100.0	V	338.0	47.6	-3.2	29.6	74
2593.000000	41.8	100.0	H	356.0	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)
1198.500000	30.2	100.0	V	3.0	37.8	-7.6	23.8	54
1201.500000	29.1	100.0	V	1.0	36.7	-7.6	24.9	54
1717.000000	28.0	100.0	V	37.0	33.8	-5.8	26.0	54
1993.000000	33.6	100.0	V	338.0	38.4	-4.8	20.4	54
2392.000000	31.8	100.0	V	252.0	35.0	-3.2	22.2	54
2659.500000	30.4	100.0	V	26.0	33.1	-2.7	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

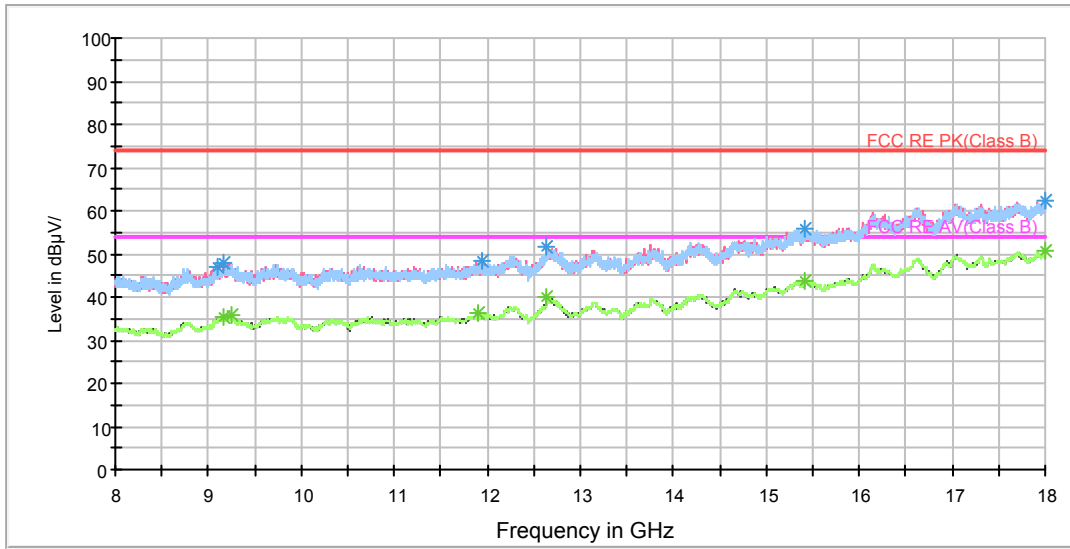
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3288.750000	39.7	100.0	H	286.0	41.9	-2.2	34.3	74
3970.625000	40.0	100.0	V	311.0	40.9	-0.9	34.0	74
4853.125000	41.9	100.0	V	0.0	40.3	1.6	32.1	74
6636.875000	45.7	100.0	V	0.0	40.2	5.5	28.3	74
6978.750000	46.3	100.0	H	183.0	40.0	6.3	27.7	74
7546.250000	46.0	100.0	V	311.0	39.0	7.0	28.0	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)
3288.750000	31.9	100.0	H	286.0	34.1	-2.2	22.1	54
4125.625000	27.6	100.0	V	0.0	28.0	-0.4	26.4	54
4785.625000	30.0	100.0	V	311.0	28.9	1.1	24.0	54
6153.125000	33.0	100.0	H	313.0	27.4	5.6	21.0	54
6997.500000	34.4	100.0	V	0.0	27.9	6.5	19.6	54
7531.875000	33.1	100.0	H	0.0	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

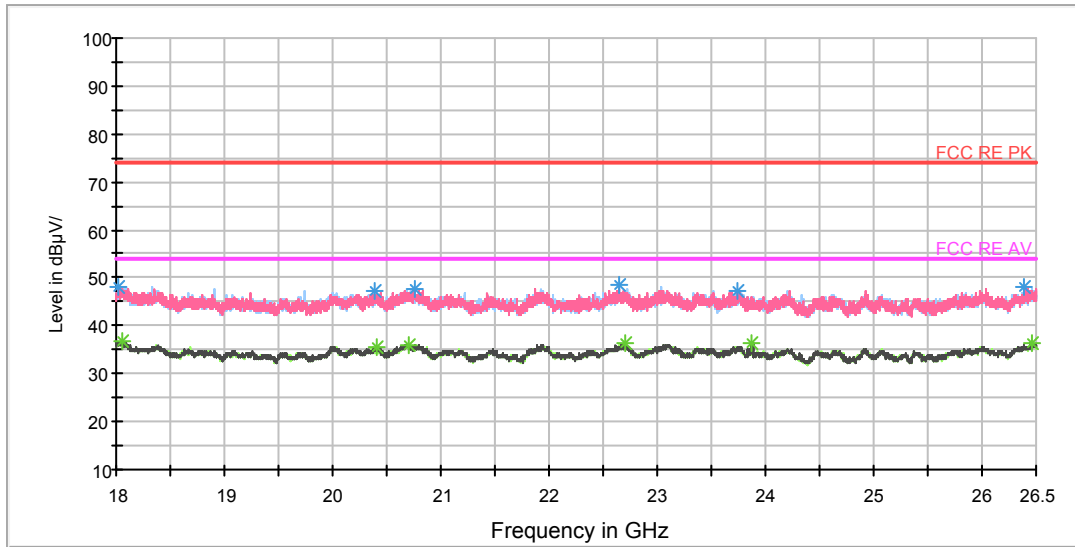
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9105.000000	47.0	100.0	V	0.0	37.4	9.6	27.0	74
9160.000000	47.9	100.0	V	246.0	37.5	10.4	26.1	74
11943.750000	48.5	100.0	H	32.0	36.7	11.8	25.5	74
12632.500000	51.8	100.0	H	32.0	38.1	13.7	22.2	74
15418.750000	56.0	100.0	H	280.0	36.6	19.4	18.0	74
17997.500000	62.2	100.0	H	280.0	36.8	25.4	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)
9153.750000	35.2	100.0	V	0.0	25.0	10.2	18.8	54
9240.000000	35.6	100.0	H	5.0	25.7	9.9	18.4	54
11901.250000	36.5	100.0	H	196.0	24.2	12.3	17.5	54
12641.250000	39.9	100.0	H	0.0	25.4	14.5	14.1	54
15422.500000	43.7	100.0	H	223.0	24.3	19.4	10.3	54
18000.000000	50.5	100.0	V	328.0	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

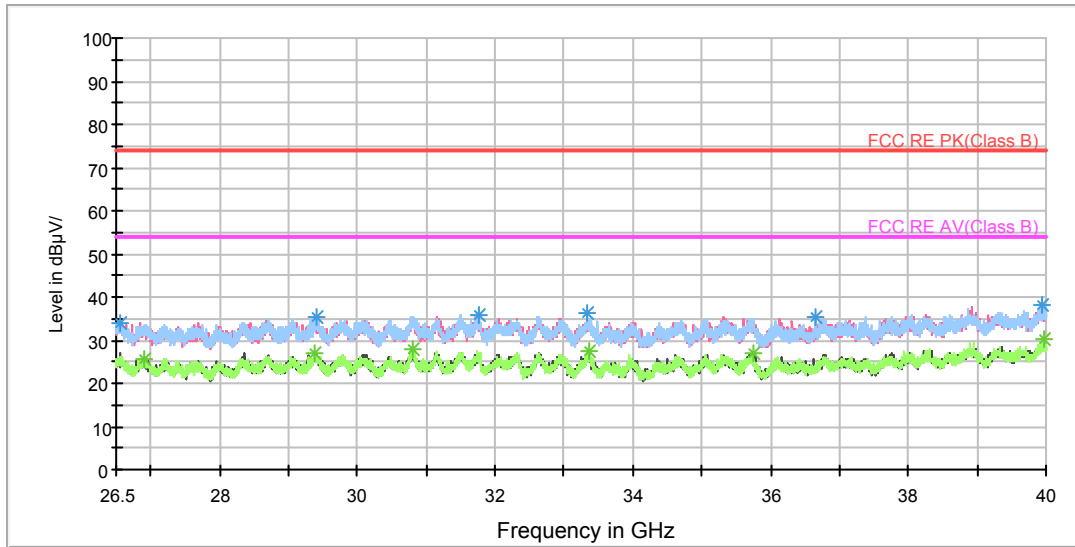
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18026.562500	48.1	V	72.0	50.0	-1.9	25.9	74
20387.437500	47.3	H	260.0	53.4	-6.1	26.7	74
20759.312500	47.7	V	118.0	54.5	-6.8	26.3	74
22653.750000	48.5	H	329.0	55.1	-6.6	25.5	74
23736.437500	47.4	H	329.0	53.3	-5.9	26.6	74
26394.812500	47.9	H	197.0	53.3	-5.4	26.1	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)
18052.062500	36.6	H	245.0	38.6	-2.0	17.4	54
20411.875000	35.7	H	82.0	41.8	-6.1	18.3	54
20704.062500	36.0	V	34.0	42.7	-6.7	18.0	54
22701.562500	36.2	H	213.0	42.8	-6.6	17.8	54
23862.875000	36.6	V	246.0	42.5	-5.9	17.4	54
26455.375000	36.5	H	359.0	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)
26550.625000	34.2	H	0.0	34.6	-0.4	39.8	74
29407.562500	35.5	V	345.0	36.4	-0.9	38.5	74
31761.625000	35.9	V	0.0	36.4	-0.5	38.1	74
33329.312500	36.2	V	89.0	37.2	-1.0	37.8	74
36653.687500	35.2	H	152.0	35.3	-0.1	38.8	74
39944.312500	38.1	V	249.0	35.8	2.3	35.9	74

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

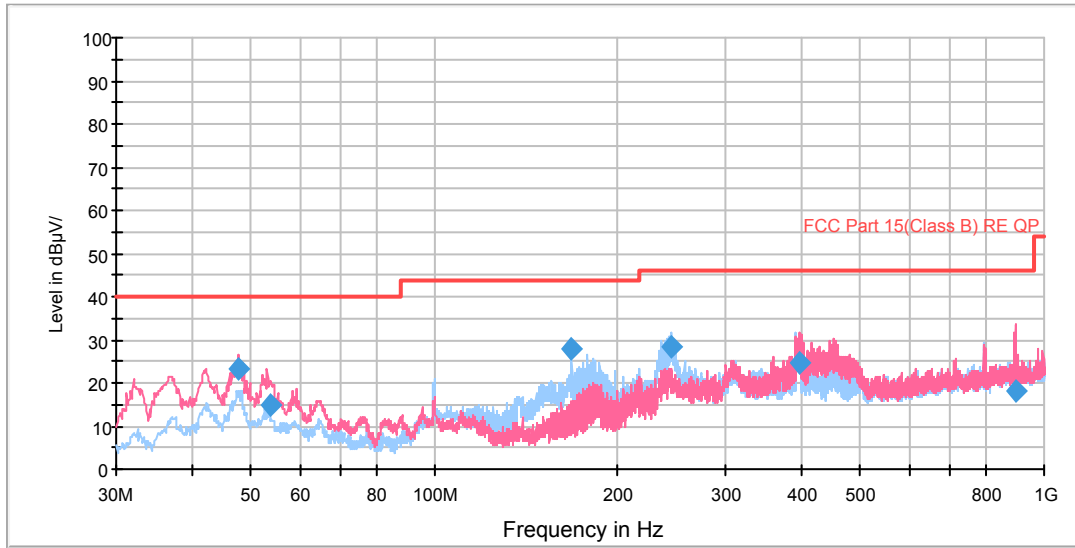
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
26893.187500	25.7	V	281.0	26.5	-0.8	28.3	54
29389.000000	26.8	H	60.0	27.7	-0.9	27.2	54
30798.062500	28.0	V	0.0	28.4	-0.4	26.0	54
33359.687500	27.4	V	185.0	28.4	-1.0	26.6	54
35742.437500	26.8	V	173.0	27.1	-0.3	27.2	54
39978.062500	30.1	H	129.0	27.8	2.3	23.9	54

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



802.11ac (HT80) CH106

RE 30M-1GHz QP

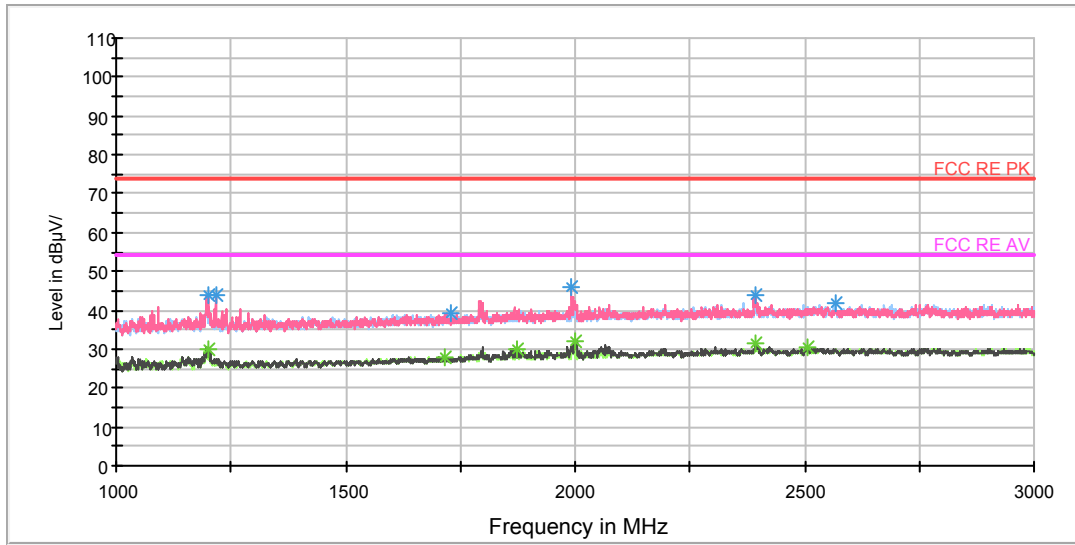


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
47.662297	23.1	100.0	V	226.0	43.3	-20.2	16.9	40.0
53.751534	14.9	100.0	V	186.0	35.7	-20.8	25.1	40.0
168.002544	27.9	125.0	H	20.0	56.2	-28.3	15.6	43.5
244.278250	28.4	125.0	H	205.0	53.5	-25.1	17.6	46.0
397.386500	24.8	100.0	V	0.0	45.8	-21.0	21.2	46.0
897.588500	18.1	100.0	V	208.0	31.0	-12.9	27.9	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

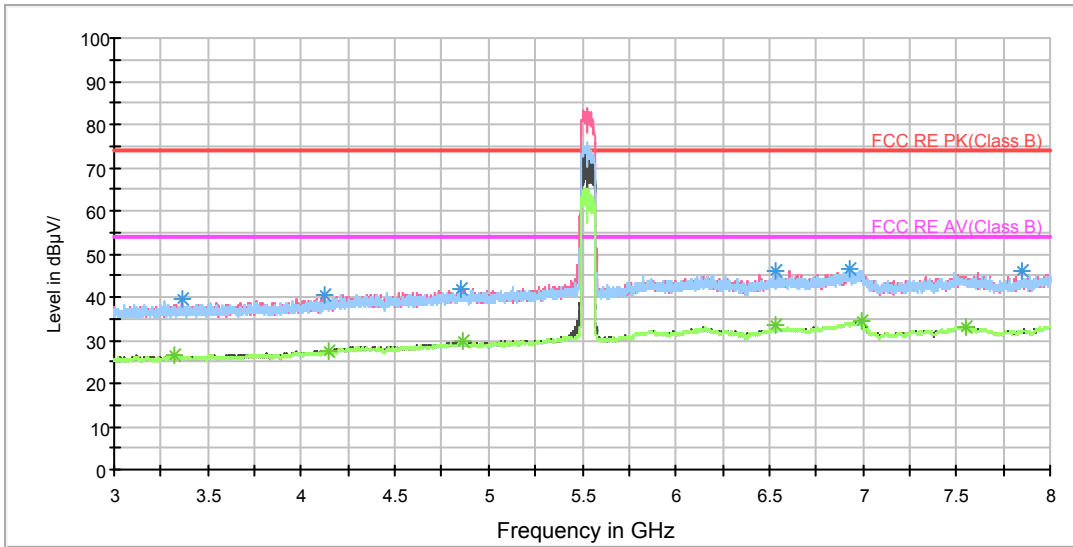
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1200.000000	43.7	100.0	V	0.0	51.3	-7.6	30.3	74
1216.500000	44.1	100.0	V	266.0	51.6	-7.5	29.9	74
1729.000000	39.0	100.0	H	300.0	44.8	-5.8	35.0	74
1992.000000	45.9	100.0	V	37.0	50.7	-4.8	28.1	74
2392.500000	43.9	100.0	V	254.0	47.1	-3.2	30.1	74
2568.500000	41.6	100.0	H	197.0	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)
1201.000000	29.9	100.0	V	0.0	37.5	-7.6	24.1	54
1718.000000	27.8	100.0	V	5.0	33.6	-5.8	26.2	54
1873.000000	30.1	100.0	V	289.0	35.4	-5.3	23.9	54
2002.000000	32.2	100.0	V	301.0	37.0	-4.8	21.8	54
2393.500000	31.3	100.0	V	301.0	34.5	-3.2	22.7	54
2504.500000	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

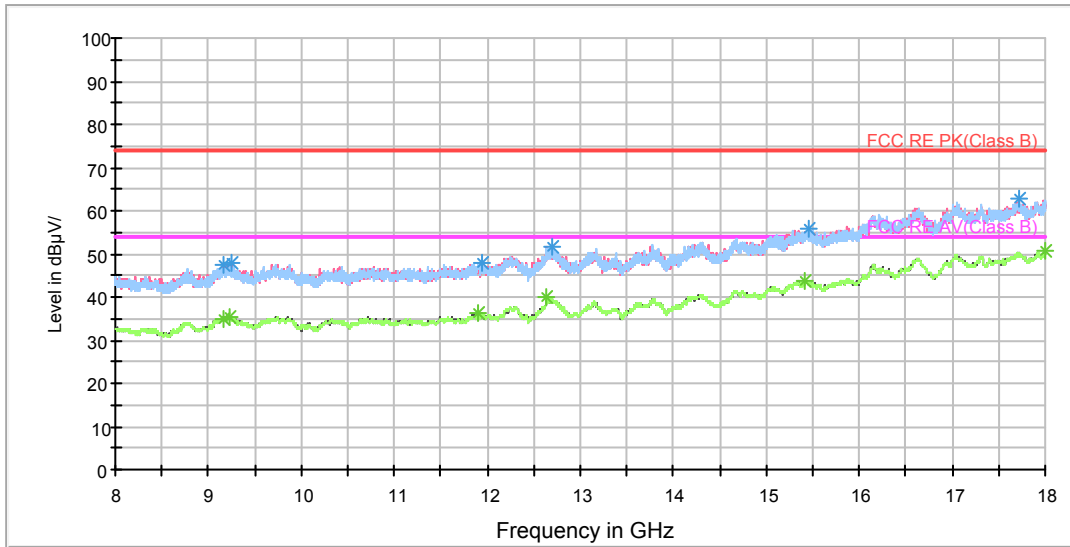
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3358.750000	39.5	100.0	V	201.0	41.8	-2.3	34.5	74
4124.375000	40.6	100.0	V	331.0	41.0	-0.4	33.4	74
4849.375000	41.9	100.0	H	0.0	40.3	1.6	32.1	74
6538.125000	46.1	100.0	H	57.0	40.8	5.3	27.9	74
6925.000000	46.4	100.0	H	33.0	40.2	6.2	27.6	74
7850.625000	45.9	100.0	V	0.0	38.7	7.2	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)
3320.625000	26.5	100.0	V	175.0	28.6	-2.1	27.5	54
4141.250000	27.7	100.0	V	331.0	28.0	-0.3	26.3	54
4868.125000	29.5	100.0	V	331.0	27.8	1.7	24.5	54
6538.125000	33.4	100.0	H	57.0	28.1	5.3	20.6	54
6998.125000	34.3	100.0	H	210.0	27.8	6.5	19.7	54
7550.000000	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

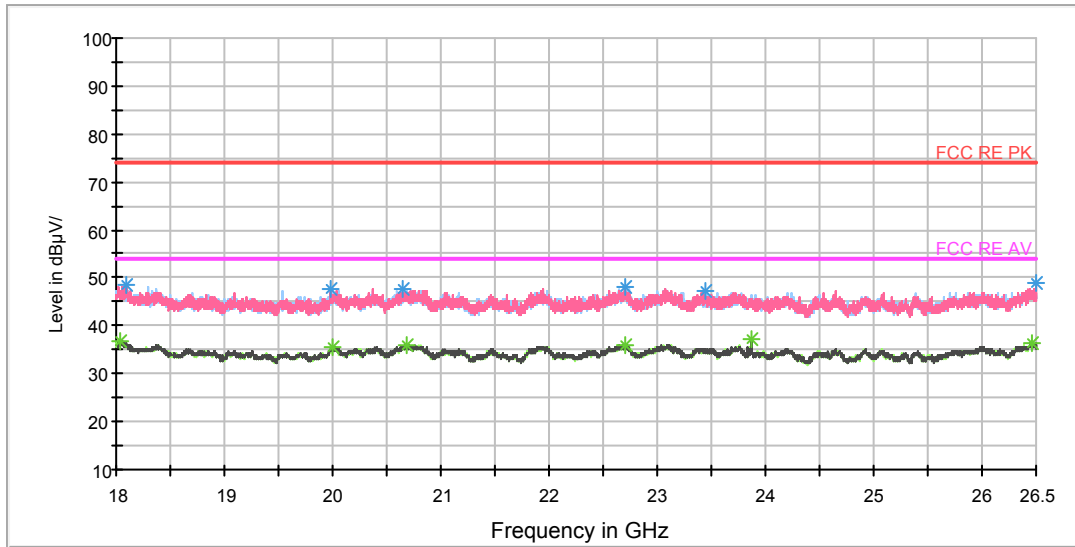
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9155.000000	47.3	100.0	V	0.0	37.0	10.3	26.7	74
9247.500000	47.7	100.0	V	190.0	38.0	9.7	26.3	74
11946.250000	48.0	100.0	V	135.0	36.2	11.8	26.0	74
12695.000000	51.7	100.0	H	226.0	37.6	14.1	22.3	74
15458.750000	55.6	100.0	H	64.0	36.0	19.6	18.4	74
17725.000000	62.9	100.0	V	0.0	38.4	24.5	11.1	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9153.750000	35.1	100.0	H	143.0	24.9	10.2	18.9	54
9233.750000	35.5	100.0	V	0.0	25.6	9.9	18.5	54
11903.750000	36.4	100.0	H	310.0	24.2	12.2	17.6	54
12640.000000	39.9	100.0	V	217.0	25.3	14.6	14.1	54
15417.500000	43.9	100.0	V	0.0	24.6	19.3	10.1	54
18000.000000	50.6	100.0	V	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

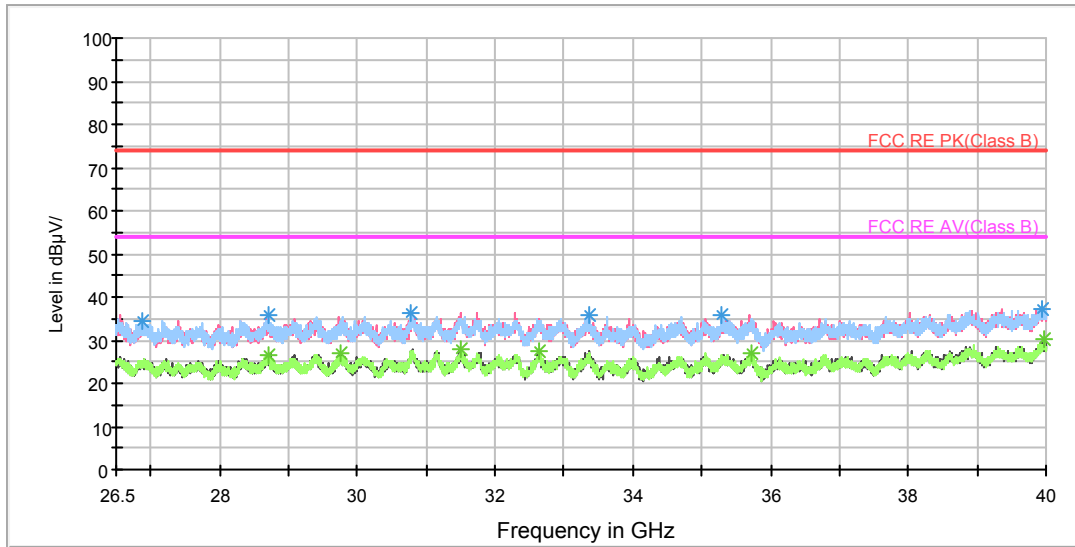
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18100.937500	48.4	V	245.0	50.6	-2.2	25.6	74
19978.375000	47.8	V	0.0	53.5	-5.7	26.2	74
20640.312500	47.6	H	0.0	54.1	-6.5	26.4	74
22695.187500	48.1	V	21.0	54.7	-6.6	25.9	74
23441.062500	47.2	H	275.0	53.1	-5.9	26.8	74
26495.750000	48.8	V	213.0	54.2	-5.4	25.2	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)
18044.625000	36.7	H	163.0	38.7	-2.0	17.3	54
20009.187500	35.7	V	0.0	41.4	-5.7	18.3	54
20688.125000	36.2	V	245.0	42.9	-6.7	17.8	54
22706.875000	36.2	V	0.0	42.8	-6.6	17.8	54
23874.562500	37.1	V	119.0	43.0	-5.9	16.9	54
26455.375000	36.4	V	279.0	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)
26891.500000	34.4	H	0.0	35.2	-0.8	39.6	74
28698.812500	35.9	H	2.0	37.3	-1.4	38.1	74
30782.875000	36.3	H	250.0	36.7	-0.4	37.7	74
33361.375000	35.7	V	0.0	36.7	-1.0	38.3	74
35300.312500	35.8	H	0.0	36.4	-0.6	38.2	74
39930.812500	37.3	V	232.0	35.0	2.3	36.7	74

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

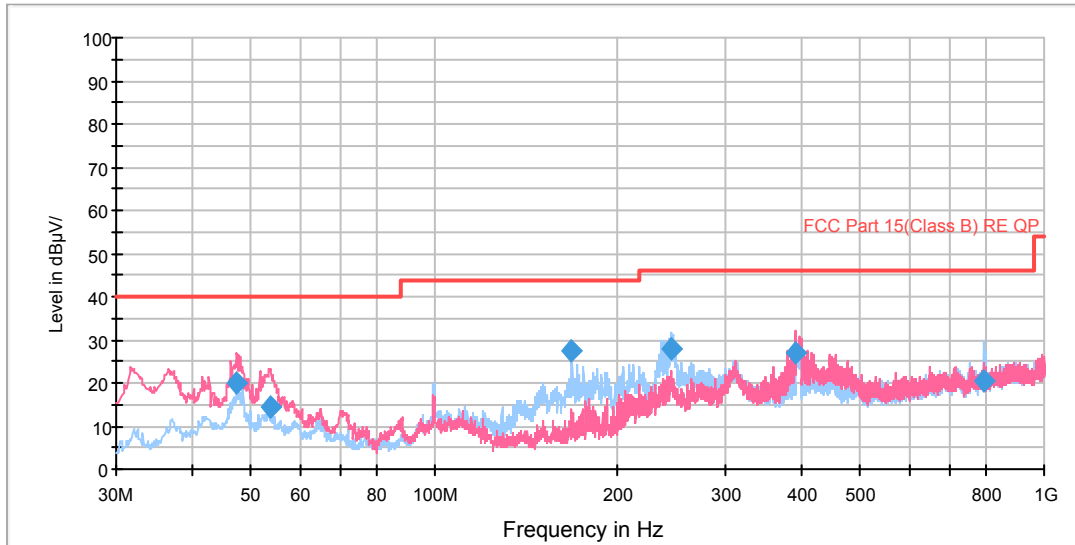
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28700.500000	26.7	V	328.0	28.1	-1.4	27.3	54
29756.875000	26.8	V	265.0	27.4	-0.6	27.2	54
31495.000000	28.1	V	133.0	28.6	-0.5	25.9	54
32644.187500	27.3	H	305.0	28.0	-0.7	26.7	54
35722.187500	26.9	V	0.0	27.2	-0.3	27.1	54
39967.937500	30.3	V	177.0	28.0	2.3	23.7	54

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



802.11ac (HT80) CH122

RE 30M-1GHz QP



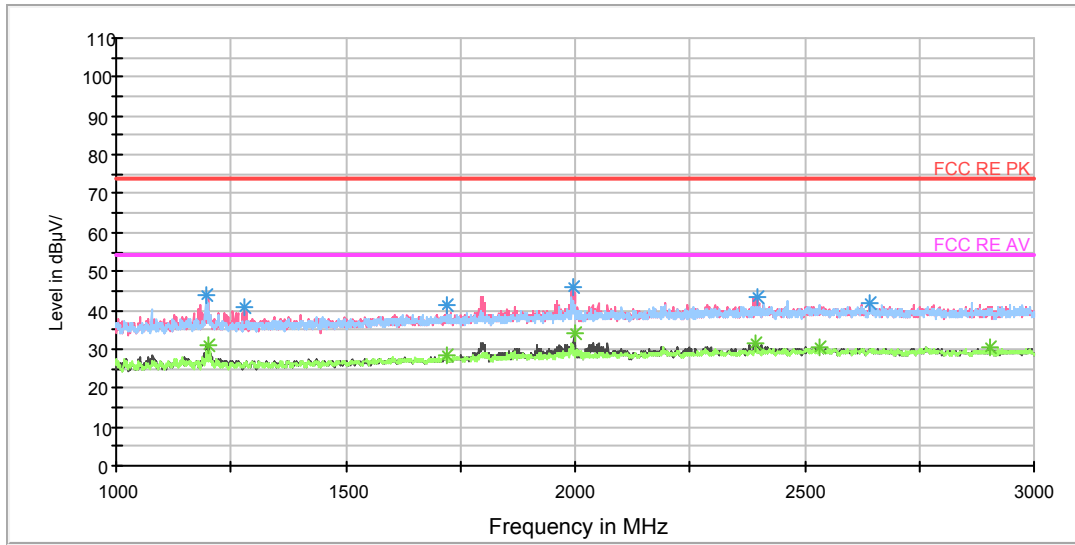
Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
47.380403	20.1	101.0	V	196.0	40.4	-20.3	19.9	40.0
53.751534	14.3	101.0	V	137.0	35.1	-20.8	25.7	40.0
168.002544	27.7	126.0	H	16.0	56.0	-28.3	15.8	43.5
244.279000	27.7	126.0	H	210.0	52.8	-25.1	18.3	46.0
390.666500	26.8	126.0	V	352.0	48.1	-21.3	19.2	46.0
799.481750	20.5	101.0	H	122.0	35.3	-14.8	25.5	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

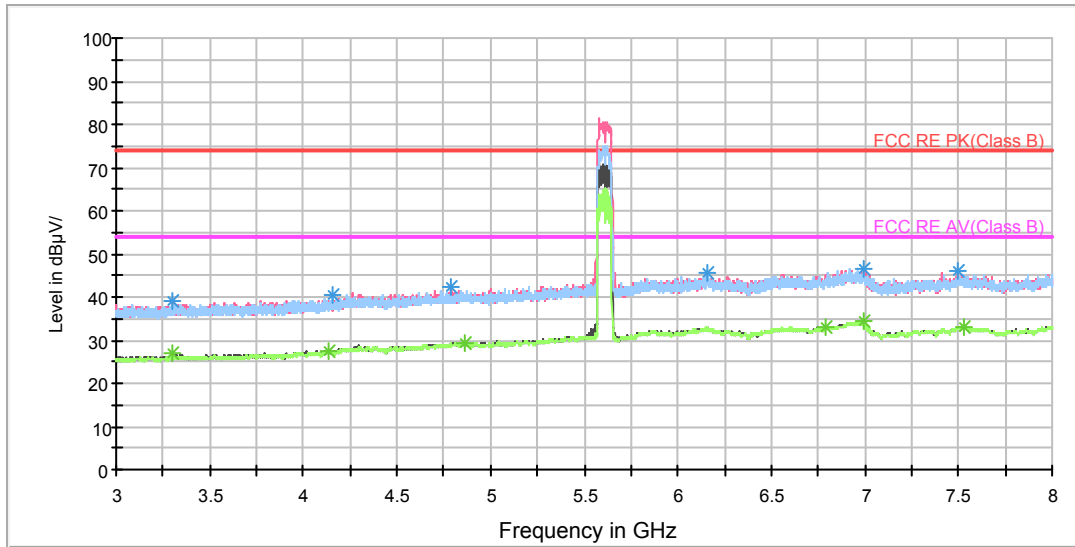
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1197.000000	44.0	100.0	V	358.0	51.6	-7.6	30.0	74
1277.500000	40.6	100.0	V	141.0	47.9	-7.3	33.4	74
1720.500000	41.1	100.0	V	301.0	46.9	-5.8	32.9	74
1994.000000	46.0	100.0	V	353.0	50.8	-4.8	28.0	74
2396.000000	43.6	100.0	V	348.0	46.8	-3.2	30.4	74
2642.500000	41.7	100.0	V	301.0	44.4	-2.7	32.3	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)
1201.000000	30.9	100.0	V	0.0	38.5	-7.6	23.1	54
1720.500000	28.3	100.0	V	301.0	34.1	-5.8	25.7	54
1998.000000	33.9	100.0	V	342.0	38.7	-4.8	20.1	54
2392.500000	31.4	100.0	V	355.0	34.6	-3.2	22.6	54
2533.000000	30.6	100.0	V	334.0	33.4	-2.8	23.4	54
2905.000000	30.3	100.0	V	210.0	32.8	-2.5	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

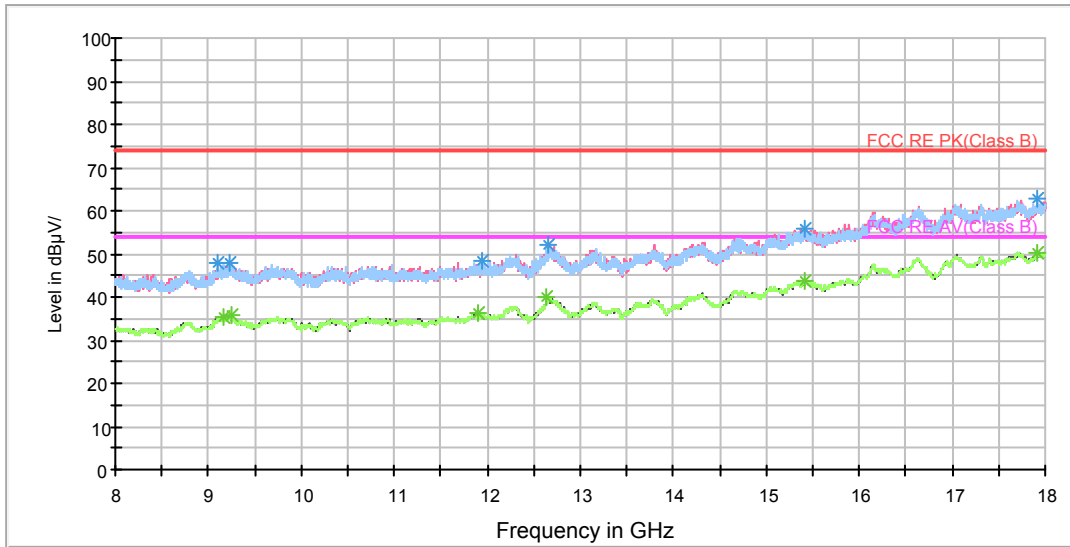
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3304.375000	38.9	100.0	V	0.0	41.1	-2.2	35.1	74
4153.125000	40.6	100.0	H	184.0	40.7	-0.1	33.4	74
4793.125000	42.2	100.0	V	276.0	41.0	1.2	31.8	74
6154.375000	45.4	100.0	H	34.0	39.8	5.6	28.6	74
6990.625000	46.7	100.0	V	99.0	40.2	6.5	27.3	74
7497.500000	45.8	100.0	V	176.0	39.0	6.8	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)
3295.625000	27.0	100.0	H	59.0	29.2	-2.2	27.0	54
4133.125000	27.6	100.0	V	0.0	27.9	-0.3	26.4	54
4867.500000	29.4	100.0	H	0.0	27.7	1.7	24.6	54
6792.500000	32.9	100.0	V	126.0	27.2	5.7	21.1	54
6997.500000	34.4	100.0	H	159.0	27.9	6.5	19.6	54
7531.250000	33.1	100.0	V	47.0	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

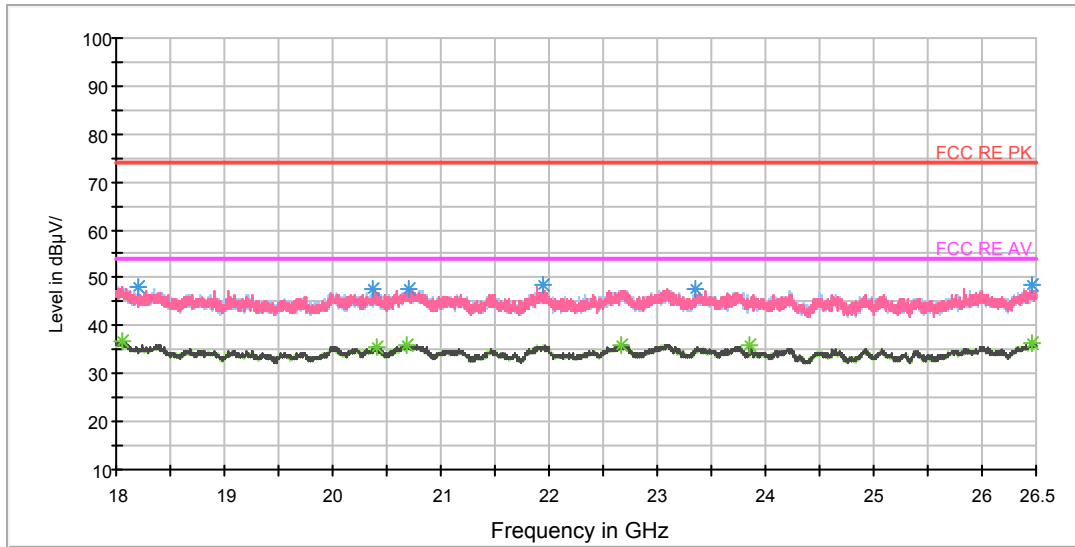
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9108.750000	48.0	100.0	H	90.0	38.3	9.7	26.0	74
9238.750000	47.8	100.0	H	309.0	37.9	9.9	26.2	74
11951.250000	48.5	100.0	H	0.0	36.7	11.8	25.5	74
12645.000000	52.1	100.0	H	0.0	37.7	14.4	21.9	74
15421.250000	55.7	100.0	H	63.0	36.3	19.4	18.3	74
17920.000000	62.7	100.0	H	9.0	36.9	25.8	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	35.4	100.0	H	36.0	25.1	10.3	18.6	54
9240.000000	35.7	100.0	V	0.0	25.8	9.9	18.3	54
11901.250000	36.4	100.0	V	350.0	24.1	12.3	17.6	54
12640.000000	40.0	100.0	V	296.0	25.4	14.6	14.0	54
15423.750000	43.9	100.0	V	270.0	24.5	19.4	10.1	54
17920.000000	50.4	100.0	V	0.0	24.6	25.8	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

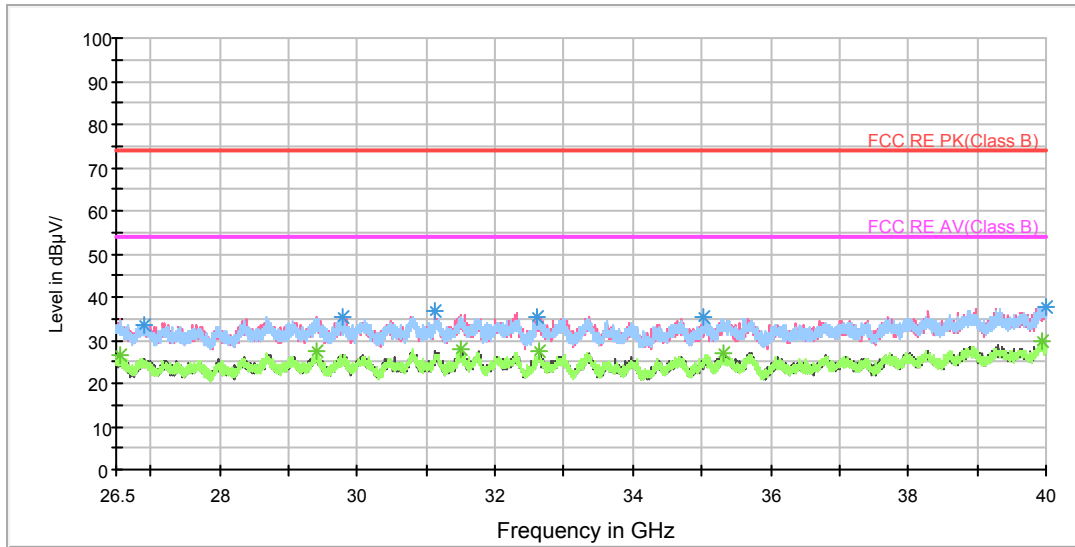
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18197.625000	48.1	H	0.0	50.7	-2.6	25.9	74
20377.875000	47.5	V	72.0	53.6	-6.1	26.5	74
20701.937500	47.7	H	195.0	54.4	-6.7	26.3	74
21937.625000	48.5	V	150.0	56.5	-8.0	25.5	74
23350.750000	47.6	H	0.0	53.5	-5.9	26.4	74
26455.375000	48.3	H	307.0	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)
18052.062500	36.8	V	150.0	38.8	-2.0	17.2	54
20409.750000	35.7	H	180.0	41.8	-6.1	18.3	54
20683.875000	36.1	V	0.0	42.7	-6.6	17.9	54
22662.250000	36.1	V	230.0	42.7	-6.6	17.9	54
23860.750000	35.7	H	337.0	41.6	-5.9	18.3	54
26457.500000	36.5	H	260.0	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)
26899.937500	33.7	V	198.0	34.5	-0.8	40.3	74
29800.750000	35.4	H	129.0	36.0	-0.6	38.6	74
31137.250000	36.7	V	353.0	37.1	-0.4	37.3	74
32612.125000	35.5	V	91.0	36.2	-0.7	38.5	74
35026.937500	35.2	H	236.0	35.9	-0.7	38.8	74
39989.875000	37.6	H	171.0	35.3	2.3	36.4	74

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

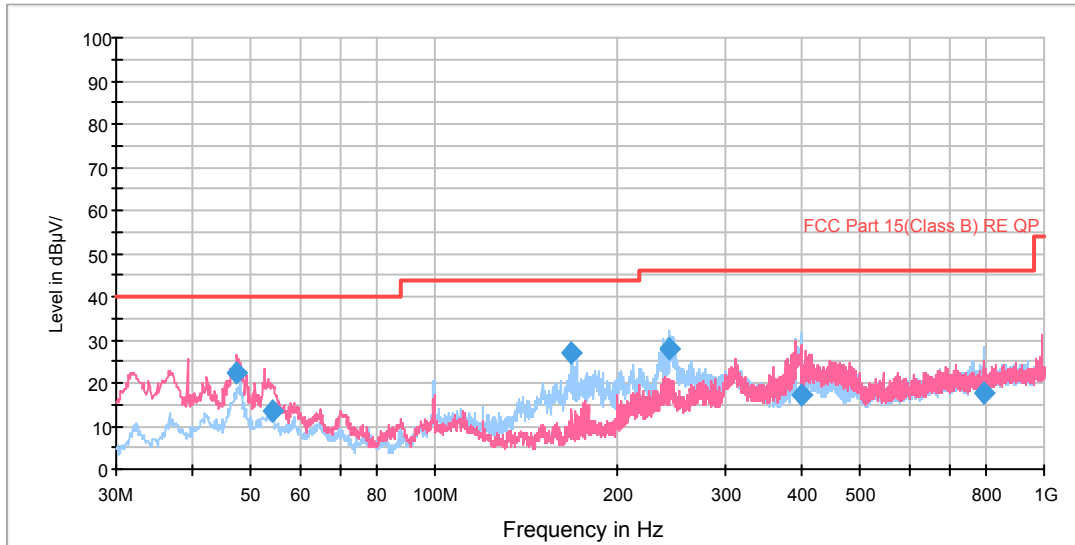
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
26567.500000	26.6	V	275.0	27.0	-0.4	27.4	54
29397.437500	27.4	H	0.0	28.3	-0.9	26.6	54
31495.000000	28.0	H	203.0	28.5	-0.5	26.0	54
32634.062500	27.3	V	157.0	28.0	-0.7	26.7	54
35315.500000	27.0	H	0.0	27.5	-0.5	27.0	54
39932.500000	29.5	H	43.0	27.2	2.3	24.5	54

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



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RE 30M-1GHz QP

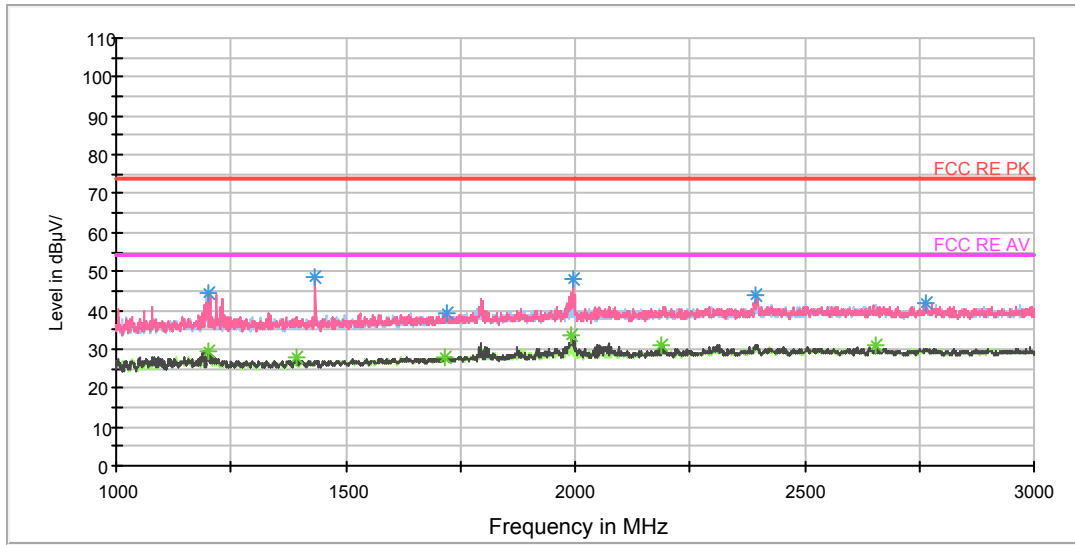


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
47.340403	22.2	100.0	V	258.0	42.5	-20.3	17.8	40.0
54.114375	13.4	100.0	V	165.0	34.3	-20.9	26.6	40.0
168.002544	26.9	125.0	H	20.0	55.2	-28.3	16.6	43.5
242.421250	27.7	125.0	H	211.0	52.8	-25.1	18.3	46.0
399.164250	17.2	100.0	H	243.0	38.1	-20.9	28.8	46.0
796.793750	17.6	100.0	H	22.0	32.4	-14.8	28.4	46.0

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

RE 1G-6GHz PK+AV Class B



Radiates Emission from 1GHz to 3GHz

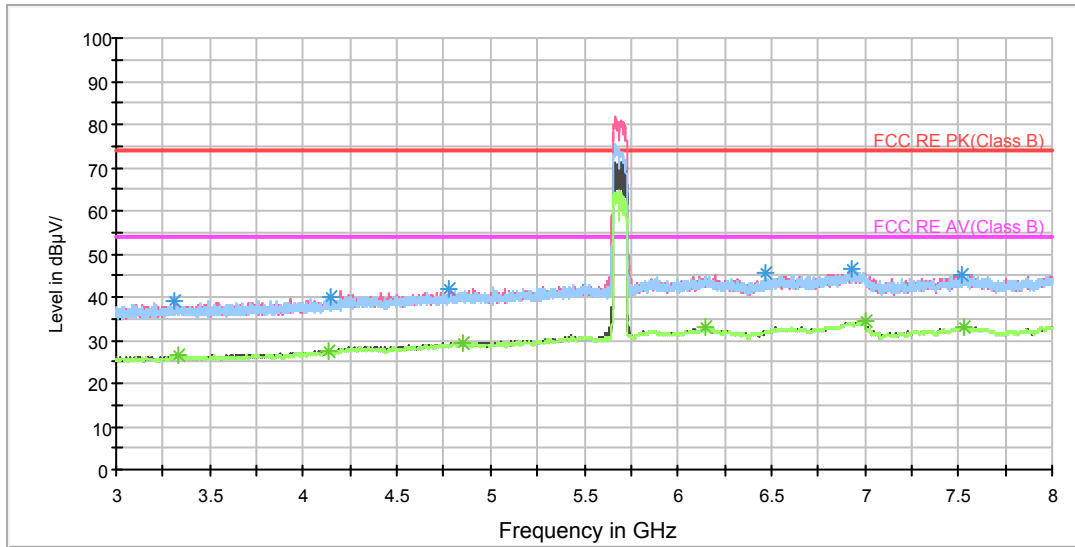
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1199.500000	44.4	100.0	V	303.0	52.0	-7.6	29.6	74
1434.000000	48.7	100.0	V	220.0	55.5	-6.8	25.3	74
1719.000000	39.2	100.0	V	114.0	45.0	-5.8	34.8	74
1997.000000	48.0	100.0	V	255.0	52.8	-4.8	26.0	74
2395.000000	44.0	100.0	V	255.0	47.2	-3.2	30.0	74
2763.000000	41.6	100.0	V	278.0	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)
1202.000000	29.5	100.0	V	1.0	37.0	-7.5	24.5	54
1394.500000	28.1	100.0	V	0.0	35.1	-7.0	25.9	54
1715.500000	28.1	100.0	V	31.0	33.9	-5.8	25.9	54
1992.000000	33.6	100.0	V	267.0	38.4	-4.8	20.4	54
2188.500000	31.1	100.0	V	278.0	35.1	-4.0	22.9	54
2656.000000	31.0	100.0	H	356.0	33.7	-2.7	23.0	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

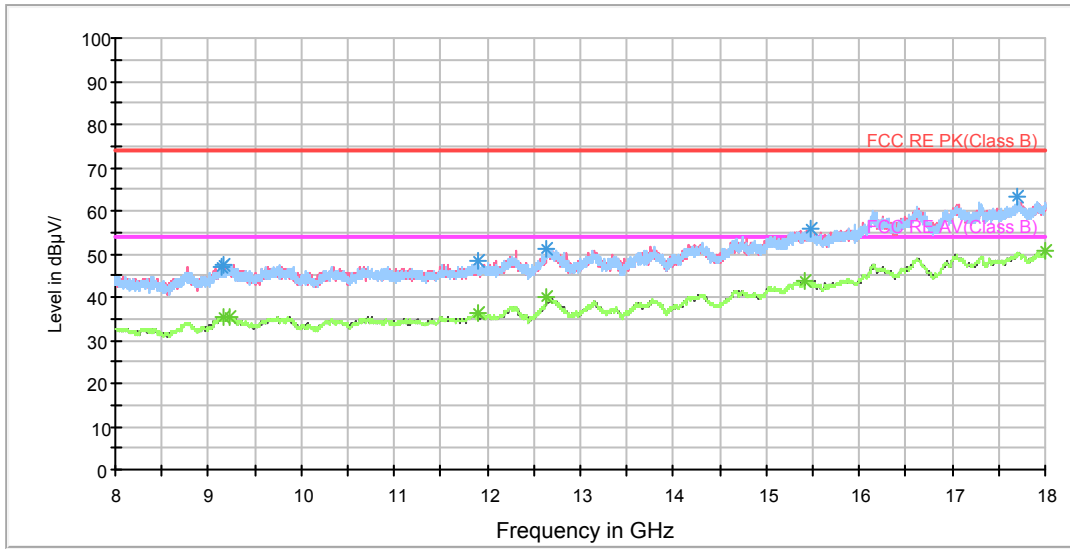
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3313.750000	39.0	100.0	V	352.0	41.1	-2.1	35.0	74
4142.500000	40.2	100.0	V	0.0	40.4	-0.2	33.8	74
4782.500000	41.9	100.0	V	302.0	40.8	1.1	32.1	74
6463.750000	45.4	100.0	H	286.0	40.3	5.1	28.6	74
6930.000000	46.5	100.0	H	341.0	40.3	6.2	27.5	74
7515.625000	45.3	100.0	V	151.0	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)
3327.500000	26.4	100.0	V	0.0	28.6	-2.2	27.6	54
4133.750000	27.5	100.0	V	226.0	27.8	-0.3	26.5	54
4857.500000	29.4	100.0	V	74.0	27.7	1.7	24.6	54
6150.000000	32.9	100.0	V	226.0	27.4	5.5	21.1	54
6999.375000	34.4	100.0	H	182.0	27.9	6.5	19.6	54
7523.750000	33.1	100.0	V	252.0	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

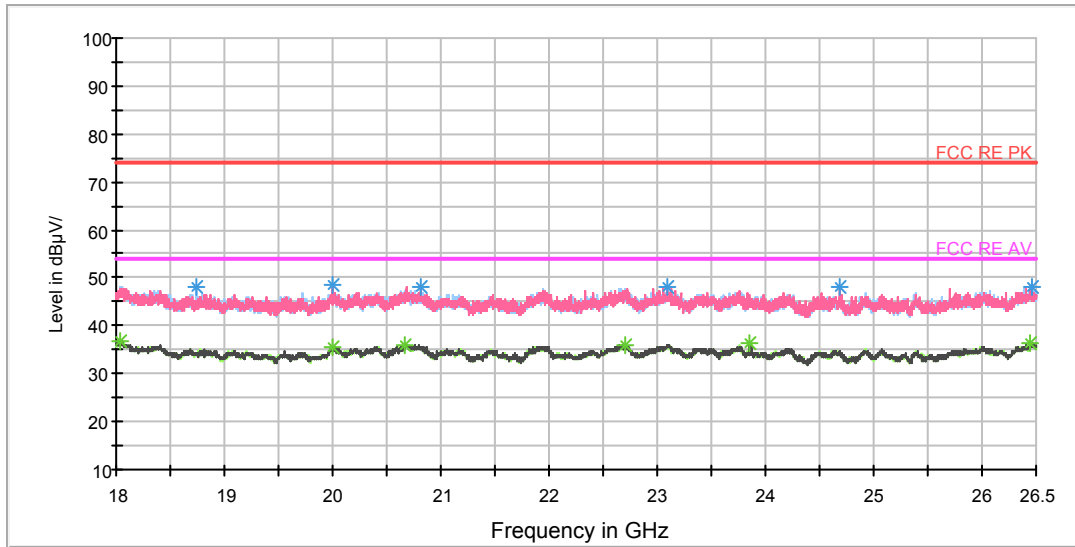
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9152.500000	47.1	100.0	H	280.0	36.9	10.2	26.9	74
9163.750000	47.5	100.0	V	0.0	37.2	10.3	26.5	74
11897.500000	48.3	100.0	H	0.0	36.1	12.2	25.7	74
12638.750000	51.3	100.0	V	0.0	36.9	14.4	22.7	74
15470.000000	55.9	100.0	H	115.0	36.2	19.7	18.1	74
17701.250000	63.1	100.0	H	35.0	38.4	24.7	10.9	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9156.250000	35.3	100.0	V	298.0	25.0	10.3	18.7	54
9233.750000	35.5	100.0	V	218.0	25.6	9.9	18.5	54
11901.250000	36.5	100.0	H	0.0	24.2	12.3	17.5	54
12640.000000	40.2	100.0	V	0.0	25.6	14.6	13.8	54
15421.250000	43.8	100.0	V	0.0	24.4	19.4	10.2	54
18000.000000	50.5	100.0	V	218.0	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

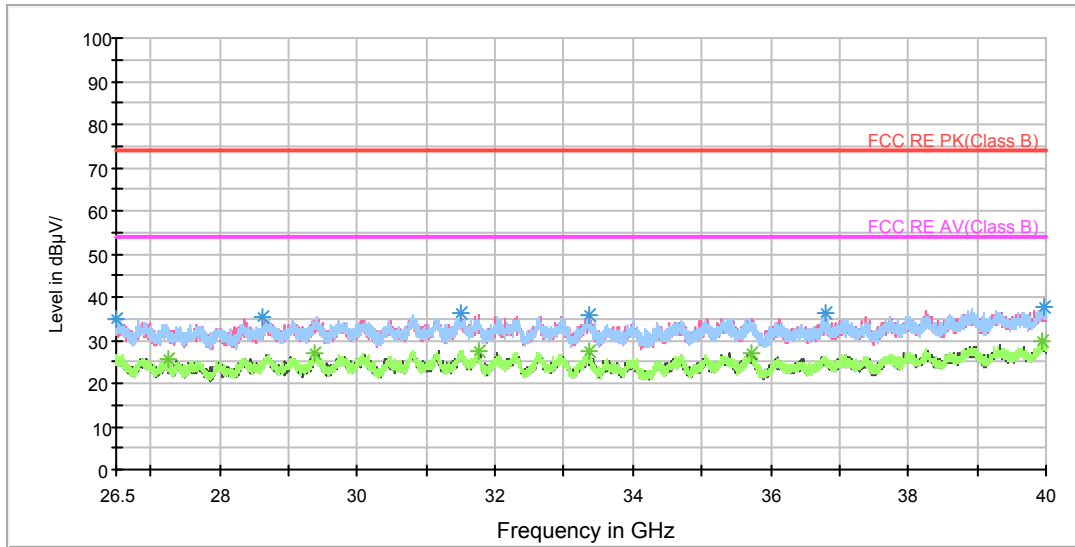
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18744.812500	48.2	H	198.0	52.7	-4.5	25.8	74
20000.687500	48.5	V	198.0	54.2	-5.7	25.5	74
20814.562500	48.3	V	135.0	55.3	-7.0	25.7	74
23095.750000	48.3	H	68.0	54.4	-6.1	25.7	74
24684.187500	48.1	V	73.0	54.1	-6.0	25.9	74
26458.562500	48.1	H	0.0	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)
18045.687500	36.8	H	68.0	38.8	-2.0	17.2	54
20000.687500	35.6	V	198.0	41.3	-5.7	18.4	54
20675.375000	36.1	V	135.0	42.7	-6.6	17.9	54
22695.187500	36.1	V	214.0	42.7	-6.6	17.9	54
23850.125000	36.5	V	0.0	42.4	-5.9	17.5	54
26453.250000	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)
26503.375000	34.9	V	34.0	35.2	-0.3	39.1	74
28622.875000	35.3	H	250.0	36.7	-1.4	38.7	74
31515.250000	36.2	H	15.0	36.7	-0.5	37.8	74
33354.625000	35.7	V	277.0	36.7	-1.0	38.3	74
36800.500000	36.2	H	76.0	36.3	-0.1	37.8	74
39976.375000	37.6	H	238.0	35.3	2.3	36.4	74

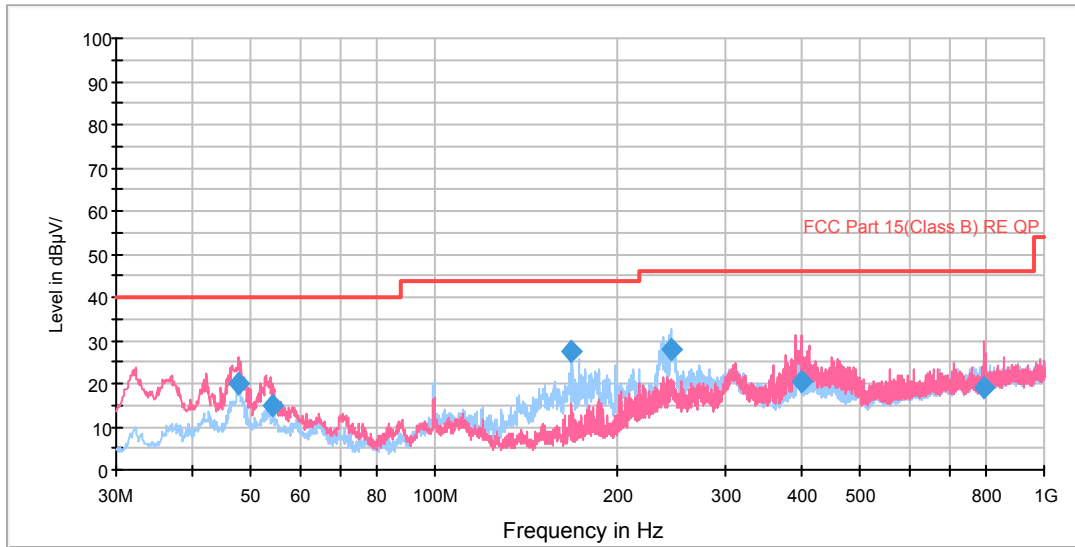
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27245.875000	25.4	V	57.0	26.5	-1.1	28.6	54
29385.625000	27.1	H	195.0	28.0	-0.9	26.9	54
31763.312500	27.6	V	208.0	28.1	-0.5	26.4	54
33369.812500	27.2	V	266.0	28.2	-1.0	26.8	54
35734.000000	27.0	V	0.0	27.3	-0.3	27.0	54
39956.125000	29.9	H	35.0	27.6	2.3	24.1	54

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

802.11ac (HT80) CH155

RE 30M-1GHz QP

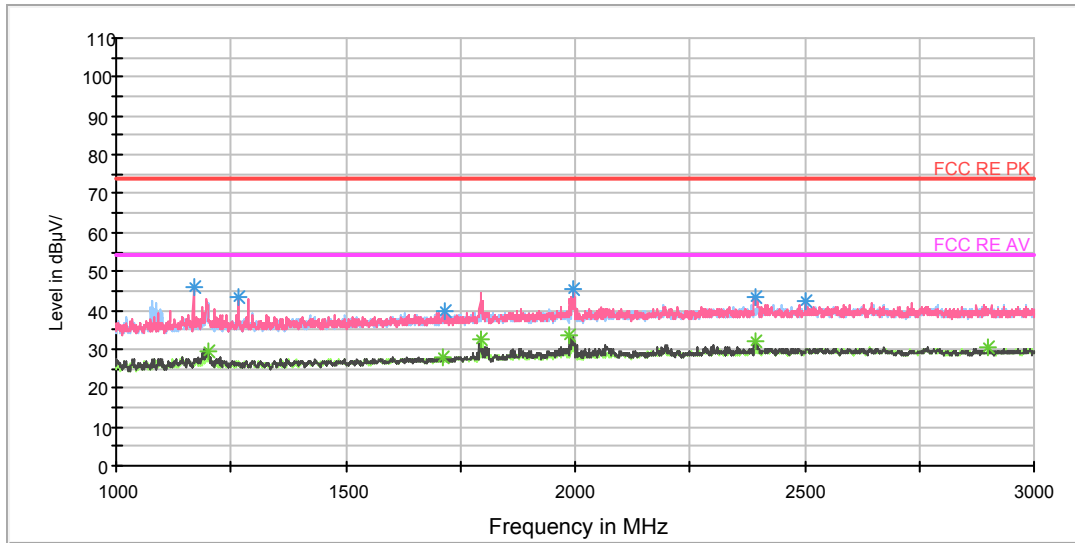


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
47.462297	20.1	101.0	V	204.0	40.4	-20.3	19.9	40.0
54.194375	15.0	102.0	V	346.0	35.9	-20.9	25.0	40.0
168.002544	27.4	125.0	H	22.0	55.7	-28.3	16.1	43.5
244.318250	27.8	125.0	H	210.0	52.9	-25.1	18.2	46.0
399.091000	20.4	100.0	V	0.0	41.3	-20.9	25.6	46.0
799.734000	19.1	100.0	V	41.0	33.9	-14.8	26.9	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

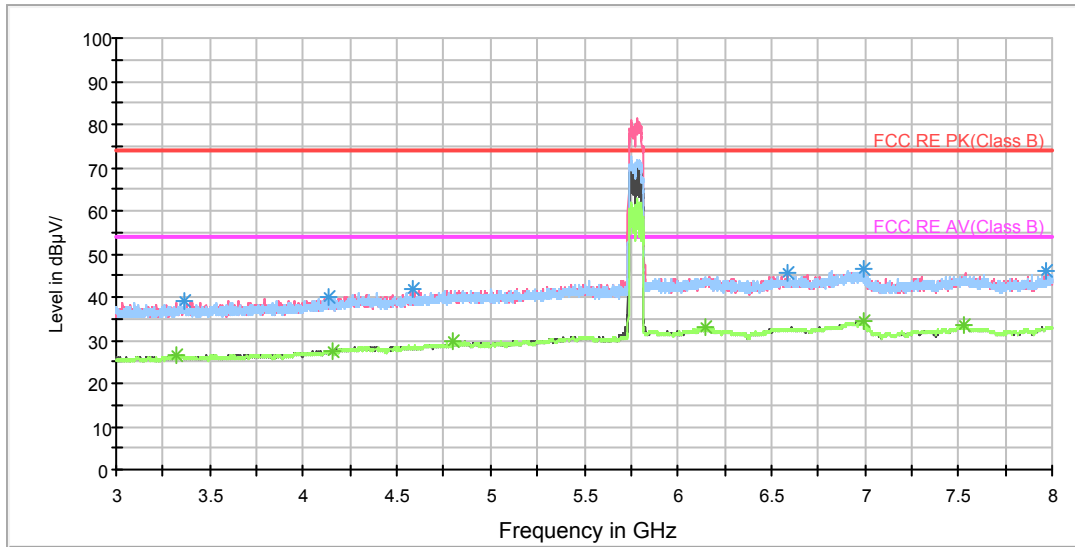
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1168.500000	46.2	100.0	V	5.0	53.9	-7.7	27.8	74
1265.000000	43.6	100.0	V	106.0	51.0	-7.4	30.4	74
1716.000000	39.5	100.0	V	0.0	45.3	-5.8	34.5	74
1997.000000	45.4	100.0	V	265.0	50.2	-4.8	28.6	74
2392.500000	43.5	100.0	V	242.0	46.7	-3.2	30.5	74
2503.000000	42.3	100.0	V	20.0	45.1	-2.8	31.7	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)
1201.000000	29.3	100.0	V	8.0	36.9	-7.6	24.7	54
1713.500000	28.1	100.0	V	253.0	33.9	-5.8	25.9	54
1794.500000	32.3	100.0	V	265.0	37.8	-5.5	21.7	54
1989.000000	33.5	100.0	V	277.0	38.3	-4.8	20.5	54
2392.500000	31.9	100.0	V	242.0	35.1	-3.2	22.1	54
2901.000000	30.3	100.0	V	184.0	32.8	-2.5	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

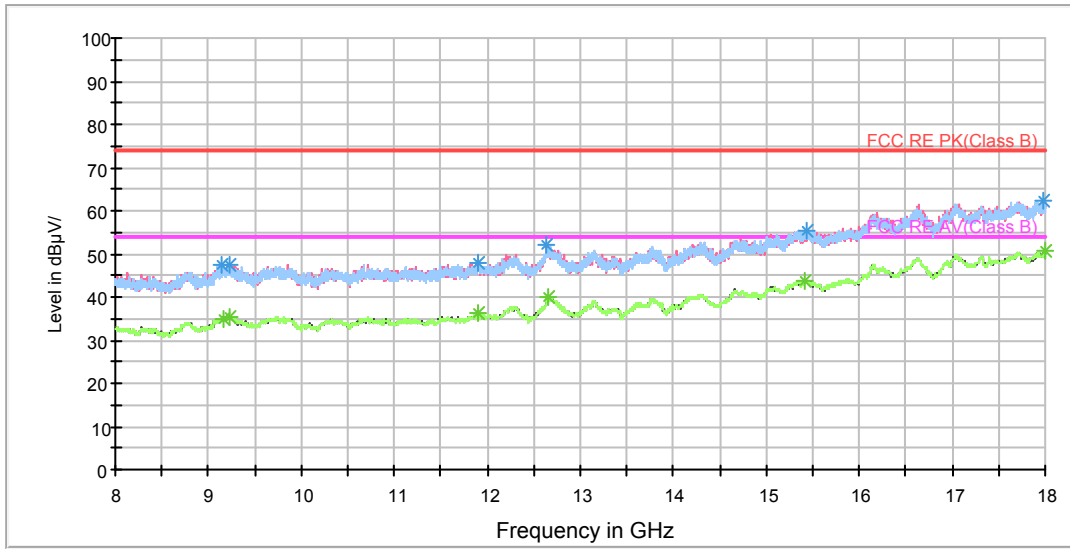
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3365.625000	39.1	100.0	H	205.0	41.5	-2.4	34.9	74
4131.875000	40.0	100.0	H	0.0	40.4	-0.4	34.0	74
4583.125000	41.7	100.0	H	0.0	40.9	0.8	32.3	74
6589.375000	45.5	100.0	V	125.0	39.9	5.6	28.5	74
6993.750000	46.7	100.0	H	205.0	40.2	6.5	27.3	74
7964.375000	45.9	100.0	V	73.0	38.7	7.2	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)
3320.625000	26.5	100.0	V	249.0	28.6	-2.1	27.5	54
4157.500000	27.5	100.0	V	0.0	27.6	-0.1	26.5	54
4794.375000	29.9	100.0	H	313.0	28.7	1.2	24.1	54
6151.250000	33.0	100.0	V	0.0	27.5	5.5	21.0	54
6994.375000	34.2	100.0	H	0.0	27.7	6.5	19.8	54
7526.875000	33.3	100.0	H	0.0	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

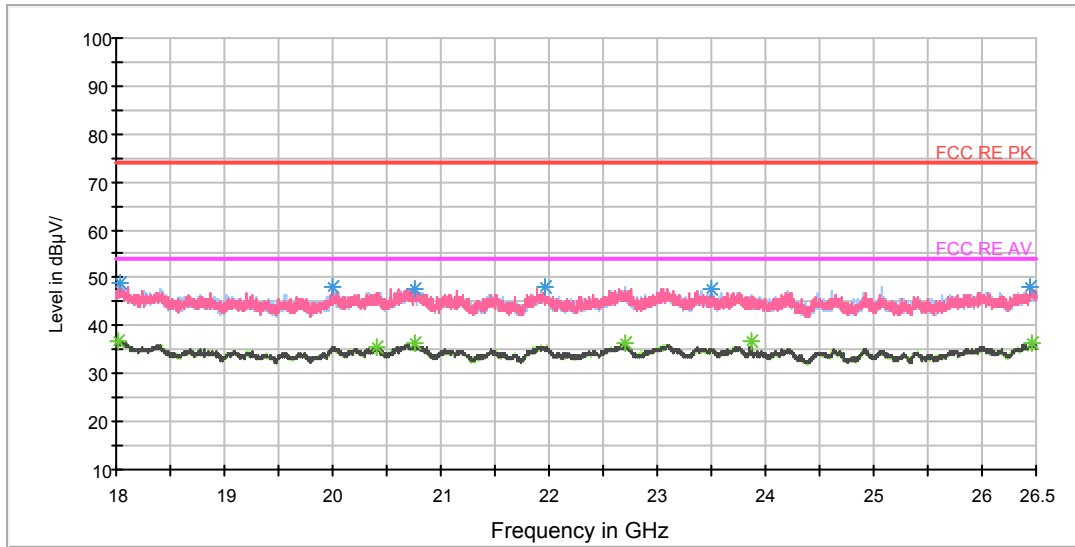
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
9150.000000	47.3	100.0	H	8.0	37.2	10.1	26.7	74
9237.500000	47.6	100.0	V	0.0	37.7	9.9	26.4	74
11905.000000	48.1	100.0	H	0.0	36.0	12.1	25.9	74
12642.500000	52.1	100.0	V	269.0	37.6	14.5	21.9	74
15431.250000	55.5	100.0	H	225.0	36.0	19.5	18.5	74
17971.250000	62.3	100.0	V	269.0	37.5	24.8	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)
9153.750000	35.1	100.0	V	0.0	24.9	10.2	18.9	54
9226.250000	35.6	100.0	H	0.0	25.7	9.9	18.4	54
11901.250000	36.3	100.0	V	51.0	24.0	12.3	17.7	54
12645.000000	40.2	100.0	H	198.0	25.8	14.4	13.8	54
15423.750000	43.8	100.0	H	0.0	24.4	19.4	10.2	54
17998.750000	50.6	100.0	H	225.0	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)
18028.687500	48.9	V	0.0	50.8	-1.9	25.1	74
20001.750000	48.2	V	164.0	53.9	-5.7	25.8	74
20765.687500	47.8	H	197.0	54.6	-6.8	26.2	74
21968.437500	48.1	V	312.0	56.1	-8.0	25.9	74
23499.500000	47.5	V	148.0	53.4	-5.9	26.5	74
26439.437500	48.0	H	261.0	53.4	-5.4	26.0	74

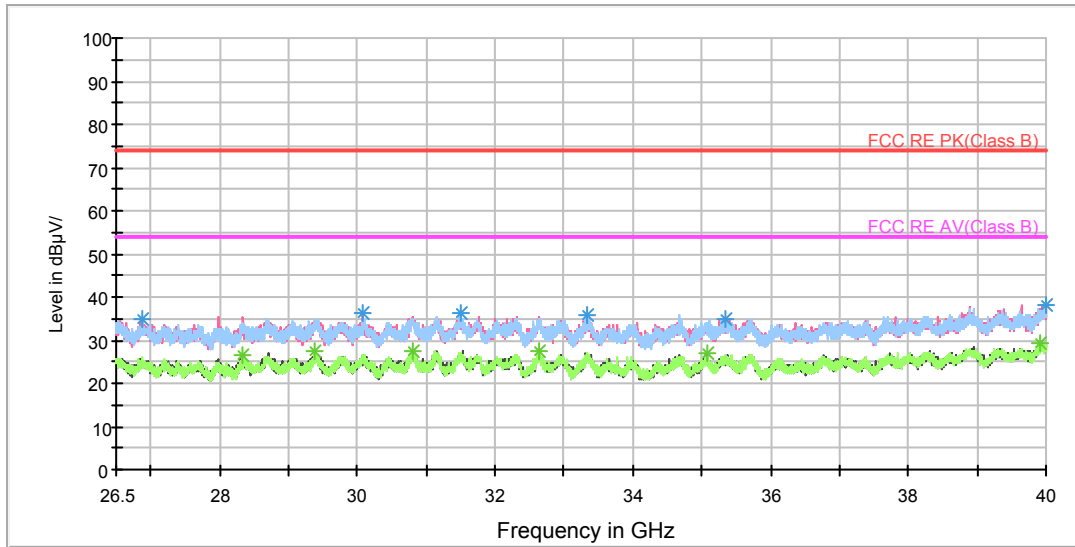
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18015.937500	36.7	H	311.0	38.6	-1.9	17.3	54
20414.000000	35.6	V	0.0	41.7	-6.1	18.4	54
20760.375000	36.3	H	133.0	43.1	-6.8	17.7	54
22695.187500	36.2	V	102.0	42.8	-6.6	17.8	54
23866.062500	36.8	H	0.0	42.7	-5.9	17.2	54
26457.500000	36.5	H	358.0	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)
26874.625000	34.9	V	269.0	35.7	-0.8	39.1	74
30075.812500	36.1	V	172.0	36.5	-0.4	37.9	74
31515.250000	36.3	H	0.0	36.8	-0.5	37.7	74
33349.562500	35.9	V	172.0	36.9	-1.0	38.1	74
35344.187500	35.1	V	288.0	35.6	-0.5	38.9	74
39986.500000	38.2	V	138.0	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)
28344.437500	26.4	H	71.0	27.9	-1.5	27.6	54
29389.000000	27.5	H	105.0	28.4	-0.9	26.5	54
30816.625000	27.5	V	7.0	27.9	-0.4	26.5	54
32635.750000	27.5	V	0.0	28.2	-0.7	26.5	54
35069.125000	26.8	V	214.0	27.5	-0.7	27.2	54
39922.375000	29.5	H	0.0	27.2	2.3	24.5	54

5.6. Conducted Emission

Ambient condition

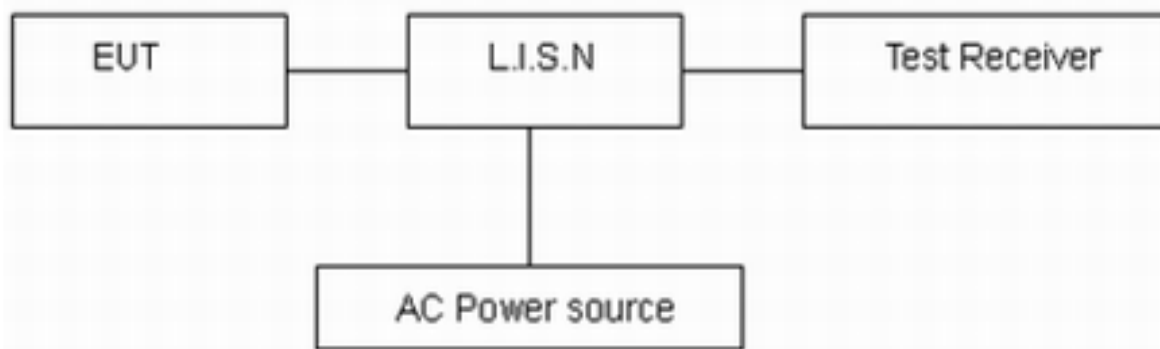
Temperature	Relative humidity	Pressure
23°C ~25°C	45%~50%	101.5kPa

Methods of Measurement

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

The test is in transmitting mode.

Test Setup



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

Limits

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

*: Decreases with the logarithm of the frequency.

Measurement Uncertainty

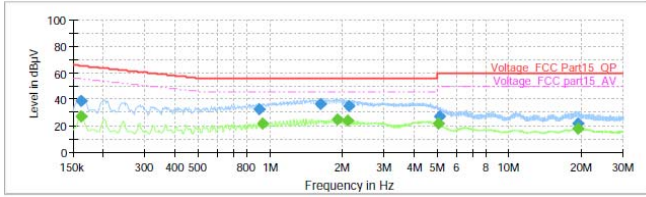
The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor $k = 1.96$, $U = 2.69$ dB.



Test Results:

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

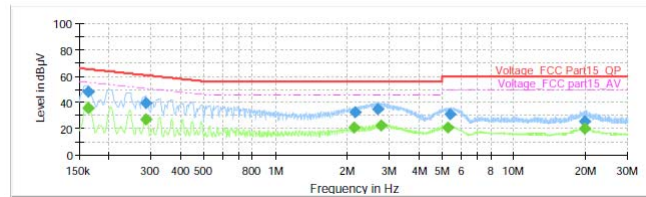
802.11a, Channel No.: 36, L Line



Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.161250	---	26.89	55.40	28.51	1000.0	9.000	L1	ON	19.1
0.161250	38.87	---	65.40	26.53	1000.0	9.000	L1	ON	19.1
0.897000	32.87	---	56.00	23.13	1000.0	9.000	L1	ON	19.2
0.933000	---	21.88	46.00	24.12	1000.0	9.000	L1	ON	19.2
1.630500	36.10	---	56.00	19.90	1000.0	9.000	L1	ON	19.2
1.914000	---	24.70	46.00	21.30	1000.0	9.000	L1	ON	19.2
2.116500	---	23.96	46.00	22.04	1000.0	9.000	L1	ON	19.1
2.123250	34.57	---	56.00	21.43	1000.0	9.000	L1	ON	19.1
5.057250	---	21.33	50.00	28.67	1000.0	9.000	L1	ON	19.1
5.133750	27.24	---	60.00	32.76	1000.0	9.000	L1	ON	19.1
19.365000	---	17.85	50.00	32.15	1000.0	9.000	L1	ON	19.6
19.378500	21.93	---	60.00	38.07	1000.0	9.000	L1	ON	19.6

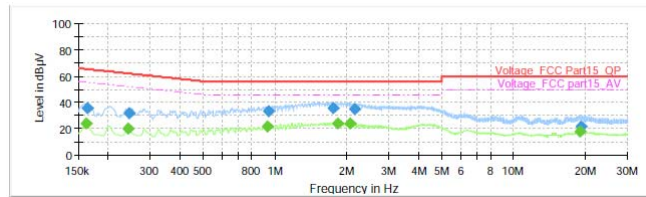
802.11a, Channel No.: 36, N Line



Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.163500	---	35.75	55.28	19.53	1000.0	9.000	N	ON	19.1
0.163500	48.13	---	65.28	17.15	1000.0	9.000	N	ON	19.1
0.285000	---	27.05	50.67	23.62	1000.0	9.000	N	ON	19.2
0.285000	39.80	---	60.67	20.87	1000.0	9.000	N	ON	19.2
2.123250	---	20.55	46.00	25.45	1000.0	9.000	N	ON	19.1
2.166000	32.36	---	56.00	23.64	1000.0	9.000	N	ON	19.1
2.694750	35.26	---	56.00	20.74	1000.0	9.000	N	ON	19.0
2.775750	---	22.75	46.00	23.25	1000.0	9.000	N	ON	19.0
5.259750	---	20.97	50.00	29.03	1000.0	9.000	N	ON	19.1
5.417250	30.80	---	60.00	29.20	1000.0	9.000	N	ON	19.1
19.788000	---	19.87	50.00	30.13	1000.0	9.000	N	ON	19.5
19.889250	25.31	---	60.00	34.69	1000.0	9.000	N	ON	19.5

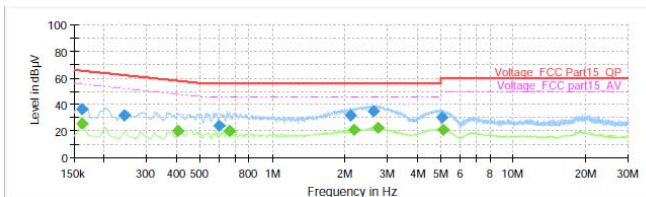
802.11a, Channel No.: 40, L Line



Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.161250	---	24.32	55.40	31.08	1000.0	9.000	L1	ON	19.1
0.163500	35.98	---	65.28	29.30	1000.0	9.000	L1	ON	19.1
0.242250	---	20.19	52.02	31.83	1000.0	9.000	L1	ON	19.1
0.244500	31.88	---	61.94	30.06	1000.0	9.000	L1	ON	19.1
0.933000	---	22.02	46.00	23.98	1000.0	9.000	L1	ON	19.2
0.939750	32.99	---	56.00	23.01	1000.0	9.000	L1	ON	19.2
1.756500	36.04	---	56.00	19.96	1000.0	9.000	L1	ON	19.2
1.835250	---	23.89	46.00	22.11	1000.0	9.000	L1	ON	19.2
2.067000	---	24.05	46.00	21.95	1000.0	9.000	L1	ON	19.1
2.148000	35.18	---	56.00	20.82	1000.0	9.000	L1	ON	19.1
19.009500	---	17.59	50.00	32.41	1000.0	9.000	L1	ON	19.6
19.167000	21.73	---	60.00	38.27	1000.0	9.000	L1	ON	19.6

802.11a, Channel No.: 40, N Line

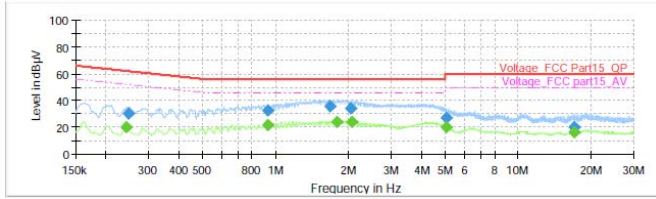


Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.161250	---	25.44	55.40	29.96	1000.0	9.000	N	ON	19.1
0.161250	36.30	---	65.40	29.10	1000.0	9.000	N	ON	19.1
0.242250	31.73	---	62.02	30.29	1000.0	9.000	N	ON	19.1
0.406500	---	20.44	47.72	27.28	1000.0	9.000	N	ON	19.2
0.602250	23.86	---	56.00	32.14	1000.0	9.000	N	ON	19.3
0.663000	---	20.18	46.00	25.82	1000.0	9.000	N	ON	19.3
2.116500	31.73	---	56.00	24.27	1000.0	9.000	N	ON	19.1
2.188500	---	21.30	46.00	24.70	1000.0	9.000	N	ON	19.1
2.611500	34.66	---	56.00	21.34	1000.0	9.000	N	ON	19.0
2.737500	---	22.62	46.00	23.38	1000.0	9.000	N	ON	19.0
5.048250	30.12	---	60.00	29.88	1000.0	9.000	N	ON	19.1
5.104500	---	20.88	50.00	29.12	1000.0	9.000	N	ON	19.1



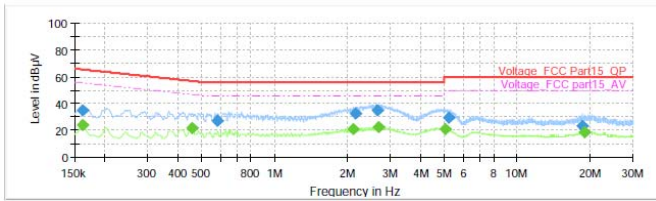
802.11a, Channel No.: 48, L Line



Final Result

Table with 11 columns: Frequency (MHz), QuasiPeak (dBµV), Average (dBµV), Limit (dBµV), Margin (dB), Meas. Time (ms), Bandwidth (kHz), Line, Filter, Corr. (dB). Contains 17 rows of test data.

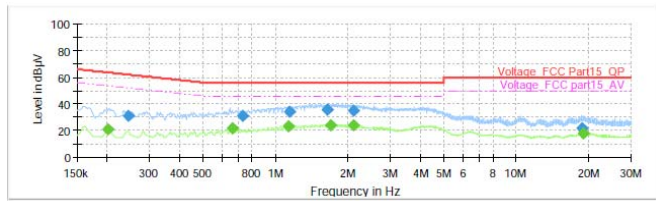
802.11a, Channel No.: 48, N Line



Final Result

Table with 11 columns: Frequency (MHz), QuasiPeak (dBµV), Average (dBµV), Limit (dBµV), Margin (dB), Meas. Time (ms), Bandwidth (kHz), Line, Filter, Corr. (dB). Contains 17 rows of test data.

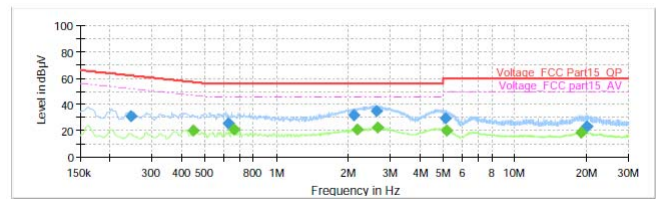
802.11a, Channel No.: 52, L Line



Final Result

Table with 11 columns: Frequency (MHz), QuasiPeak (dBµV), Average (dBµV), Limit (dBµV), Margin (dB), Meas. Time (ms), Bandwidth (kHz), Line, Filter, Corr. (dB). Contains 17 rows of test data.

802.11a, Channel No.: 52, N Line

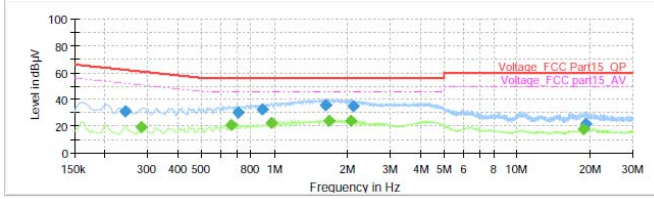


Final Result

Table with 11 columns: Frequency (MHz), QuasiPeak (dBµV), Average (dBµV), Limit (dBµV), Margin (dB), Meas. Time (ms), Bandwidth (kHz), Line, Filter, Corr. (dB). Contains 17 rows of test data.



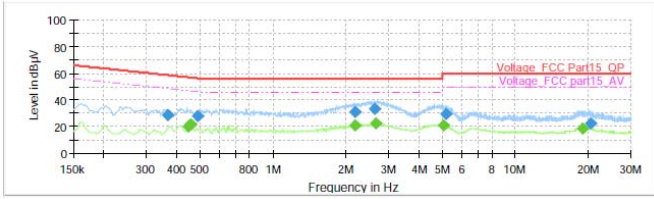
802.11a, Channel No.: 64, L Line



Final Result

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

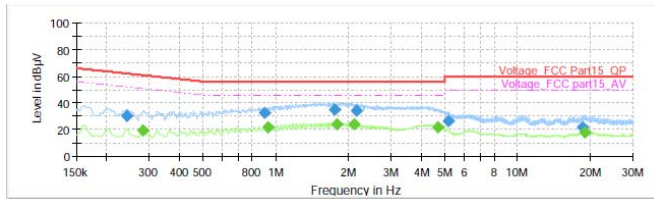
802.11a, Channel No.: 64, N Line



Final Result

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

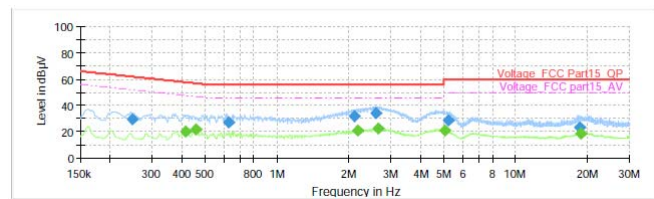
802.11a, Channel No.: 100, L Line



Final Result

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

802.11a, Channel No.: 100, N Line

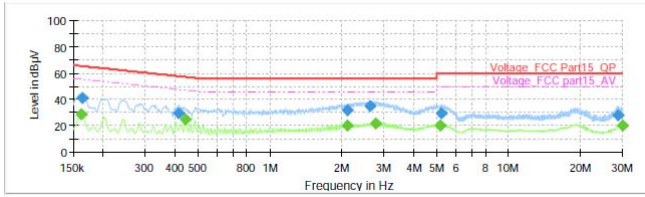


Final Result

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



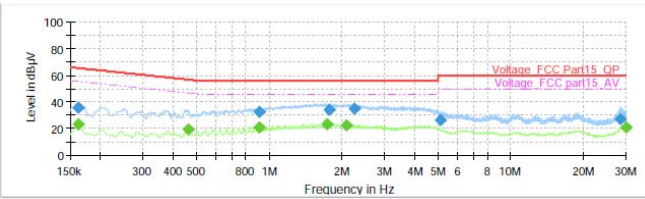
802.11a, Channel No.: 116, L Line



Final Result

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

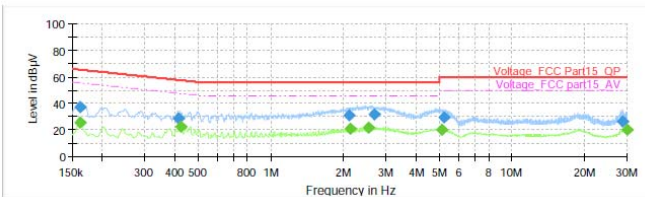
802.11a, Channel No.: 116, N Line



Final Result

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

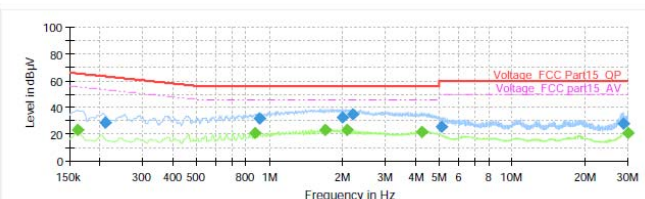
802.11a, Channel No.: 140, L Line



Final Result

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

802.11a, Channel No.: 140, N Line

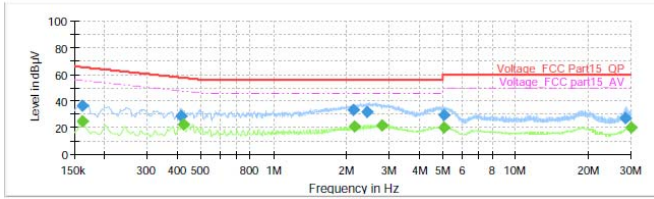


Final Result

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



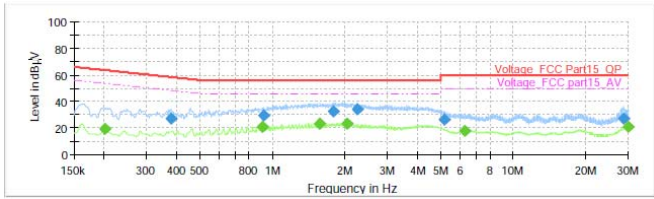
802.11a, Channel No.: 149, L Line



Final Result

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

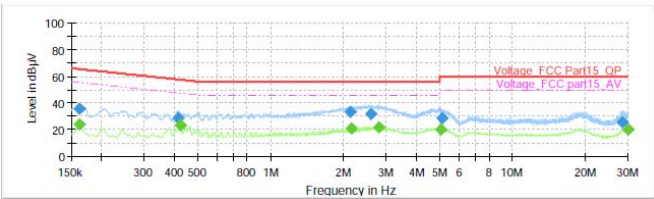
802.11a, Channel No.: 149, N Line



Final Result

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

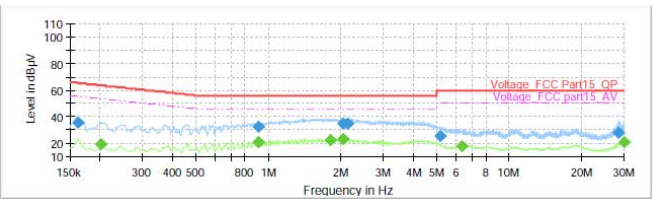
802.11a, Channel No.: 157, L Line



Final Result

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

802.11a, Channel No.: 157, N Line

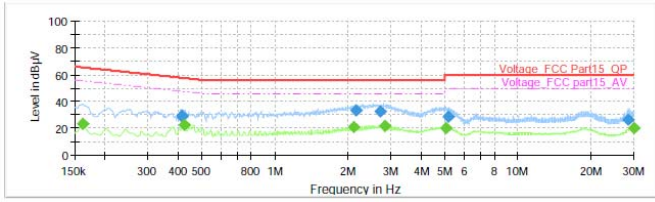


Final Result

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



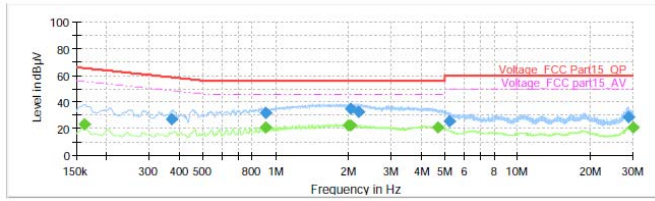
802.11a, Channel No.: 165, L Line



Final Result

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

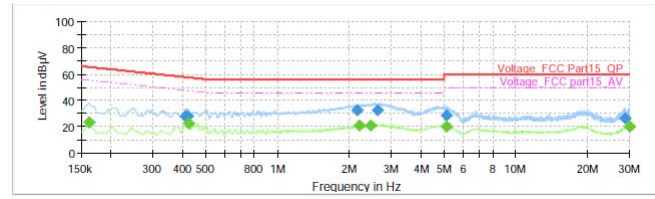
802.11a, Channel No.: 165, N Line



Final Result

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

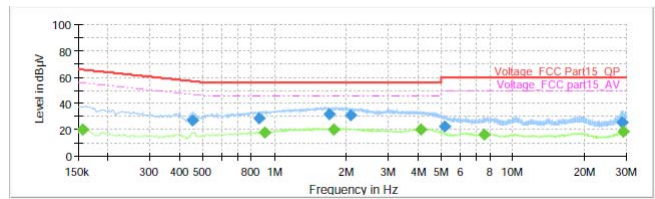
802.11n (HT20) , Channel No.: 36, L Line



Final Result

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

802.11n (HT20) , Channel No.: 36, N Line

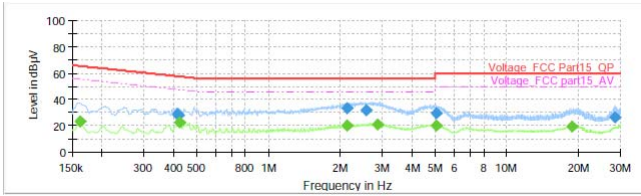


Final Result

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



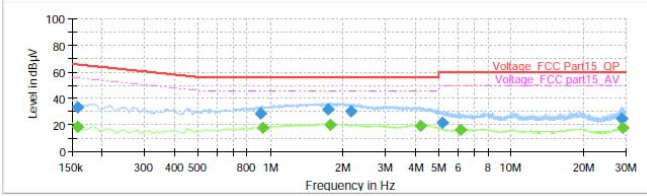
802.11n (HT20) , Channel No.: 40, L Line



Final Result

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

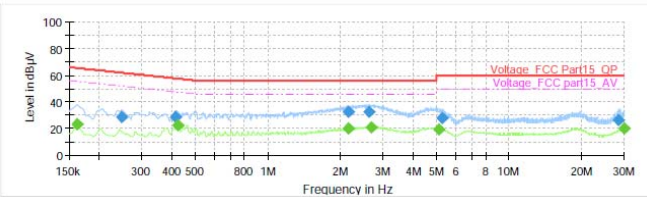
802.11n (HT20) , Channel No.: 40, N Line



Final Result

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

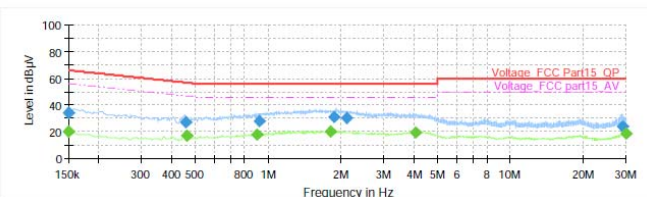
802.11n (HT20) , Channel No.: 48, L Line



Final Result

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

802.11n (HT20) , Channel No.: 48, N Line



Final Result

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