

Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 7GHz

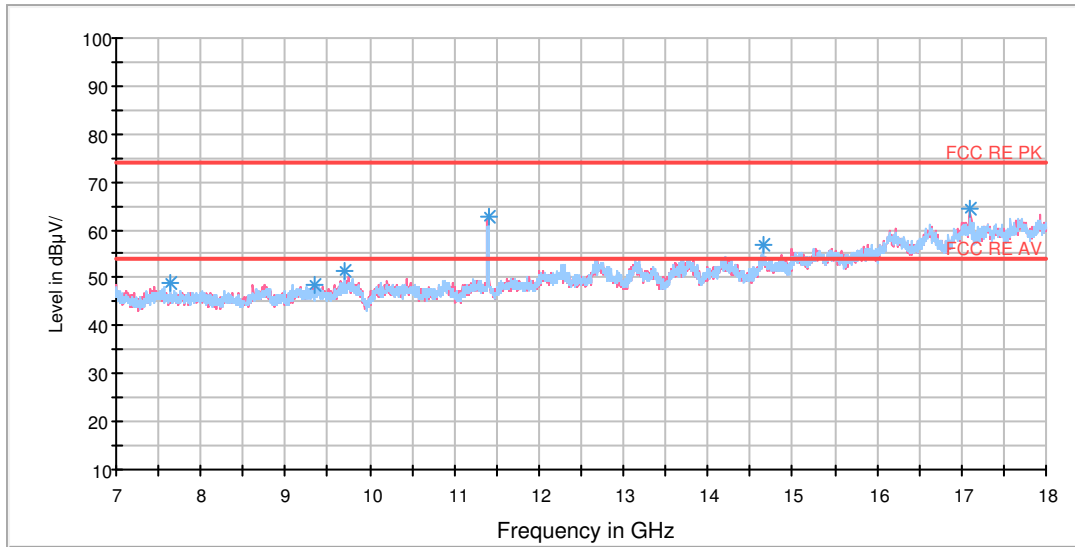
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3437.000000	39.3	100.0	H	118.0	40.0	0.7	34.7	74
3957.000000	40.5	100.0	V	333.0	42.4	1.9	33.5	74
4441.000000	40.8	100.0	V	0.0	43.4	2.6	33.2	74
5260.500000	42.5	100.0	V	357.0	46.0	3.5	31.5	74
6093.500000	44.3	100.0	V	354.0	49.6	5.3	29.7	74
6853.000000	48.9	100.0	V	349.0	57.1	8.2	25.1	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)
3268.000000	27.0	100.0	V	270.0	27.9	0.9	27.0	54
3961.000000	28.2	100.0	V	359.0	30.4	2.2	25.8	54
4576.000000	28.8	100.0	V	139.0	31.2	2.4	25.2	54
5238.500000	30.4	100.0	V	0.0	34.0	3.6	23.6	54
5938.500000	32.6	100.0	V	192.0	37.8	5.2	21.4	54
6724.500000	35.9	100.0	V	321.0	44.5	8.6	18.1	54

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

RE 7-18GHz PK



Radiates Emission from 7GHz to 18GHz

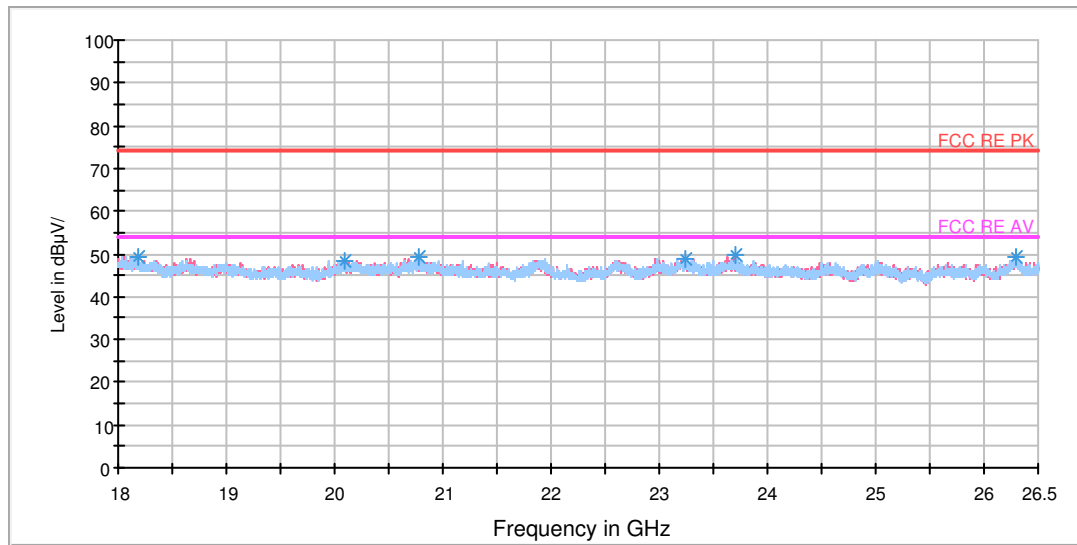
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7632.500000	49.1	101.0	H	300.0	56.5	7.4	24.9	74
9345.750000	48.6	101.0	V	73.0	58.2	9.6	25.4	74
9708.750000	51.4	101.0	H	107.0	61.5	10.1	22.6	74
11402.750000	62.9	101.0	V	350.0	74.1	11.2	11.1	74
14647.750000	56.8	101.0	H	1.0	74.2	17.4	17.2	74
17103.500000	64.6	101.0	V	350.0	88.7	24.1	9.4	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)
7000.000000	38.3	102.0	V	0.0	46.8	8.5	15.7	54
9587.750000	38.0	102.0	V	0.0	47.9	9.9	16.0	54
9736.250000	39.1	102.0	V	180.0	49.7	10.6	14.9	54
11402.750000	53.6	102.0	V	180.0	64.8	11.2	0.4	54
15338.000000	45.3	102.0	V	180.0	63.9	18.6	8.7	54
17711.250000	51.9	102.0	V	180.0	76.7	24.8	2.1	54

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

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18180.625000	49.2	H	159.0	51.8	-2.6	24.8	74
20086.750000	48.6	V	0.0	54.3	-5.7	25.4	74
20775.250000	49.2	H	0.0	56.1	-6.9	24.8	74
23231.750000	48.9	H	203.0	54.9	-6.0	25.1	74
23699.250000	49.6	V	266.0	55.5	-5.9	24.4	74
26297.062500	49.4	V	0.0	54.8	-5.4	24.6	74

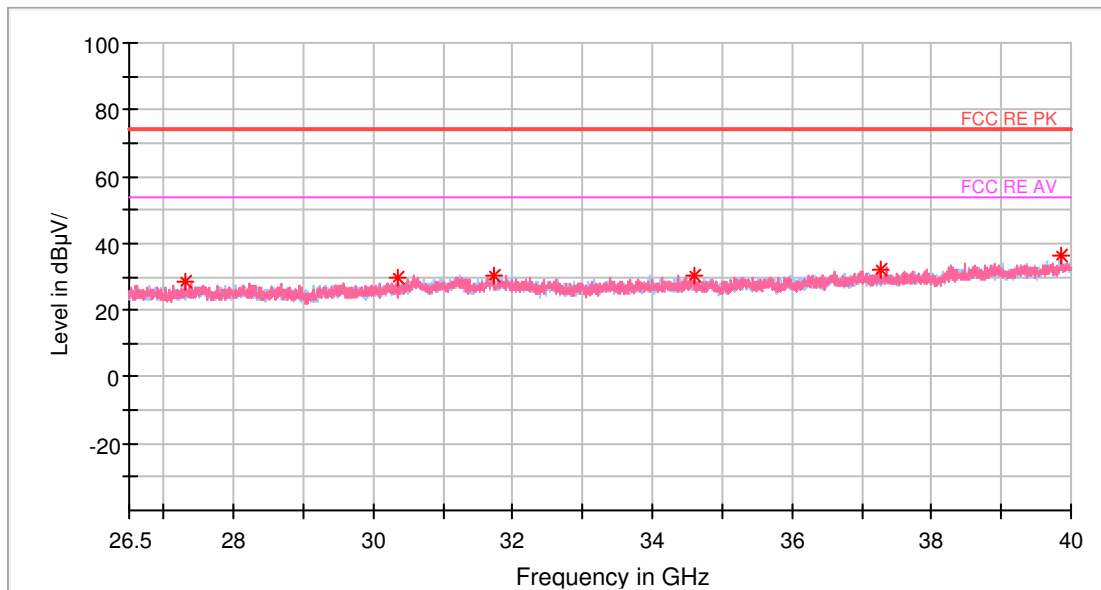
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18061.625000	37.1	V	202.0	39.2	-2.1	16.9	54
20086.750000	36.4	H	26.0	42.1	-5.7	17.6	54
20780.562500	36.6	V	0.0	43.5	-6.9	17.4	54
21898.312500	36.9	V	180.0	44.9	-8.0	17.1	54
23704.562500	36.8	V	331.0	42.7	-5.9	17.2	54
26294.937500	37.1	H	181.0	42.5	-5.4	16.9	54

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



Full Spectrum



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)
27299.875000	28.3	H	0.0	45.3	-17.0	45.7	74
30361.000000	29.9	V	0.0	46.6	-16.7	44.1	74
31731.250000	30.5	V	0.0	45.9	-15.4	43.5	74
34606.750000	30.5	V	0.0	47.2	-16.7	43.5	74
37269.625000	32.0	V	0.0	48.6	-16.6	42.0	74
39868.375000	36.1	H	0.0	52.0	-15.9	37.9	74

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

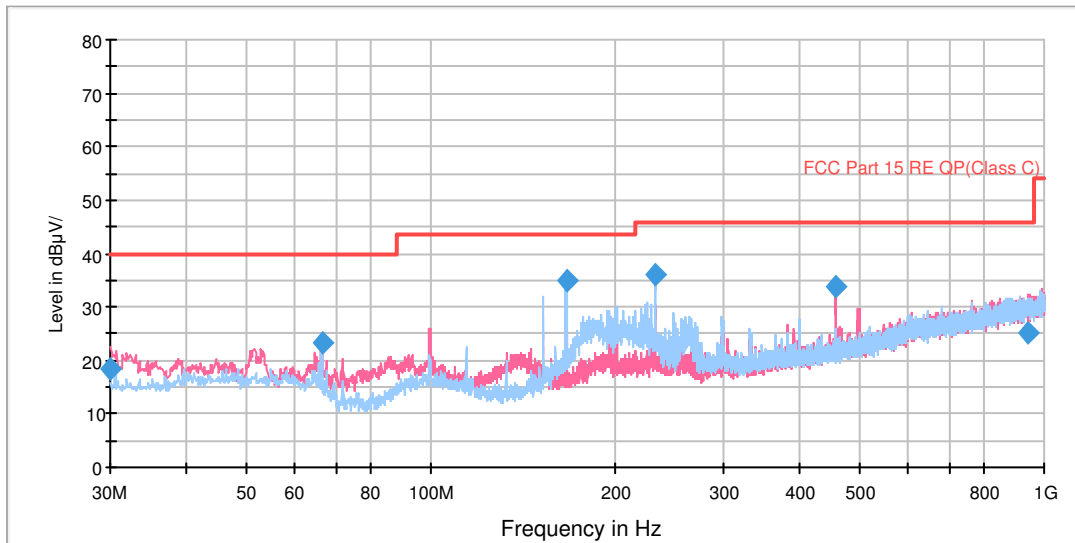
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27566.500000	17.9	H	0.0	35.0	-17.1	36.1	54
30377.875000	18.4	H	0.0	35.1	-16.7	35.6	54
31704.250000	20.8	H	0.0	36.2	-15.4	33.2	54
34492.000000	20.0	H	0.0	36.5	-16.5	34.0	54
37134.625000	21.8	V	0.0	38.4	-16.6	32.2	54
39915.625000	24.9	H	0.0	40.8	-15.9	29.1	54

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



802.11a CH149

FCC RE 0.03-1GHz QP Class C



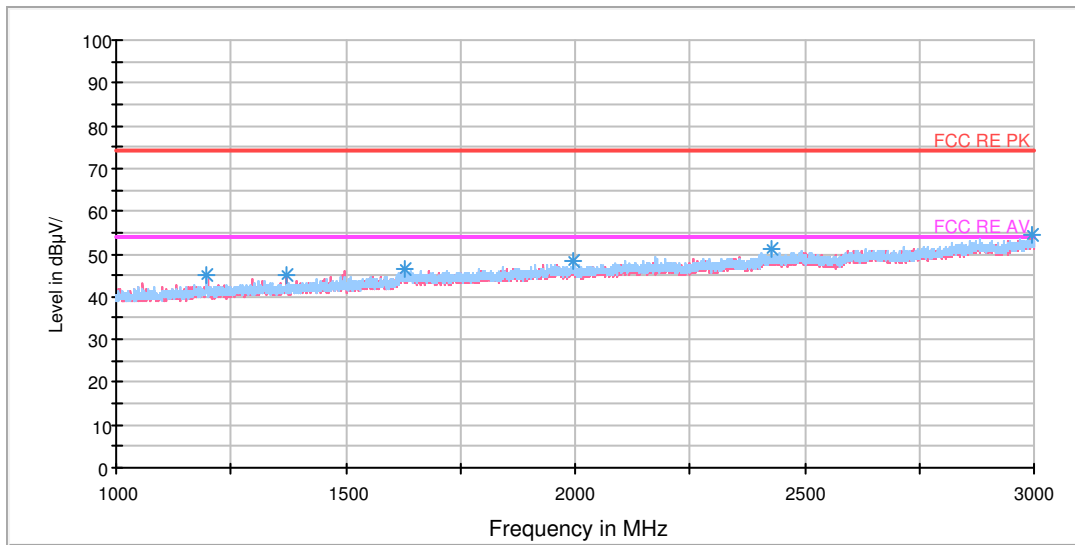
Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
30.040000	18.2	100.0	V	324.0	30.1	11.9	21.8	40.0
66.496250	23.4	100.0	V	34.0	33.3	9.9	16.6	40.0
166.281250	35.1	125.0	H	204.0	45.1	10.0	8.4	43.5
232.370000	36.2	125.0	H	251.0	49.6	13.4	9.8	46.0
458.376250	34.0	114.0	V	194.0	53.0	19.0	12.0	46.0
939.253750	25.1	114.0	V	295.0	51.0	25.9	20.9	46.0

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



RE 1G-3GHz PK+AV



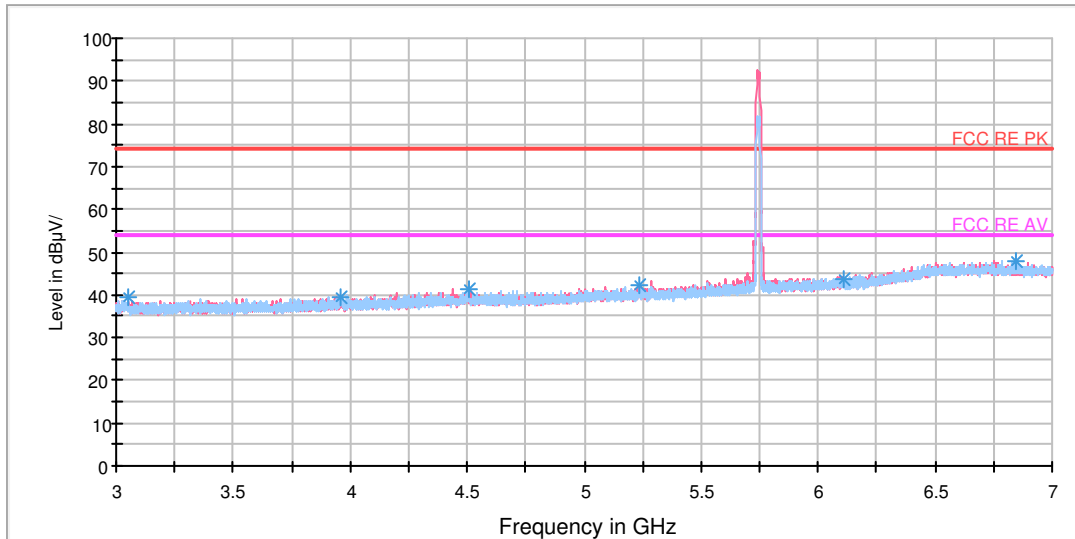
Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1195.750000	45.2	102.0	H	0.0	53.4	-8.2	28.8	74
1372.500000	45.2	102.0	V	327.0	52.4	-7.2	28.8	74
1628.250000	46.6	102.0	H	48.0	51.3	-4.7	27.4	74
1996.500000	48.3	102.0	H	176.0	51.6	-3.3	25.7	74
2427.000000	51.1	102.0	H	257.0	51.6	-0.5	22.9	74
2994.250000	54.6	102.0	V	0.0	56.9	2.3	19.4	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1198.250000	33.0	102.0	V	123.0	41.2	-8.2	21.0	54
1355.750000	32.4	102.0	V	54.0	39.9	-7.5	21.6	54
1647.000000	35.3	102.0	V	123.0	40.3	-5.0	18.7	54
2040.250000	36.6	102.0	H	0.0	39.8	-3.2	17.4	54
2490.000000	39.0	102.0	H	16.0	39.3	0.3	15.0	54
2994.750000	45.8	102.0	H	327.0	48.1	2.3	8.2	54

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



Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 7GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3052.000000	39.2	100.0	H	3.0	40.1	0.9	34.8	74
3957.000000	39.3	100.0	V	0.0	41.2	1.9	34.7	74
4505.000000	41.3	100.0	H	83.0	43.9	2.6	32.7	74
5238.500000	42.3	100.0	V	342.0	45.9	3.6	31.7	74
6105.000000	43.5	100.0	V	243.0	48.8	5.3	30.5	74
6842.000000	47.8	100.0	V	333.0	56.1	8.3	26.2	74

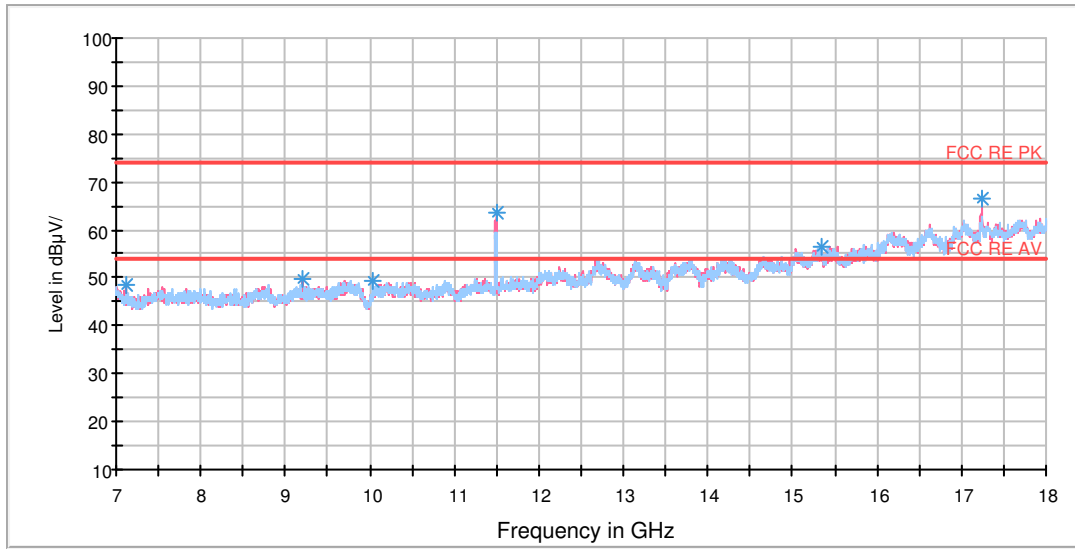
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3267.500000	27.0	100.0	H	0.0	27.9	0.9	27.0	54
3960.500000	28.0	100.0	V	204.0	30.2	2.2	26.0	54
4499.000000	29.0	100.0	V	151.0	31.8	2.8	25.0	54
5118.500000	30.1	100.0	H	0.0	33.8	3.7	23.9	54
5951.500000	31.6	100.0	V	342.0	36.4	4.8	22.4	54
6642.500000	35.9	100.0	V	270.0	44.3	8.4	18.1	54

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



RE 7-18GHz PK



Radiates Emission from 7GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7107.250000	48.7	101.0	V	286.0	55.8	7.1	25.3	74
9200.000000	49.6	101.0	V	343.0	58.4	8.8	24.4	74
10038.750000	49.5	101.0	H	0.0	60.0	10.5	24.5	74
11493.500000	63.6	101.0	V	27.0	74.4	10.8	10.4	74
15338.000000	56.3	101.0	H	0.0	74.9	18.6	17.7	74
17241.000000	66.4	101.0	V	343.0	90.1	23.7	7.6	74

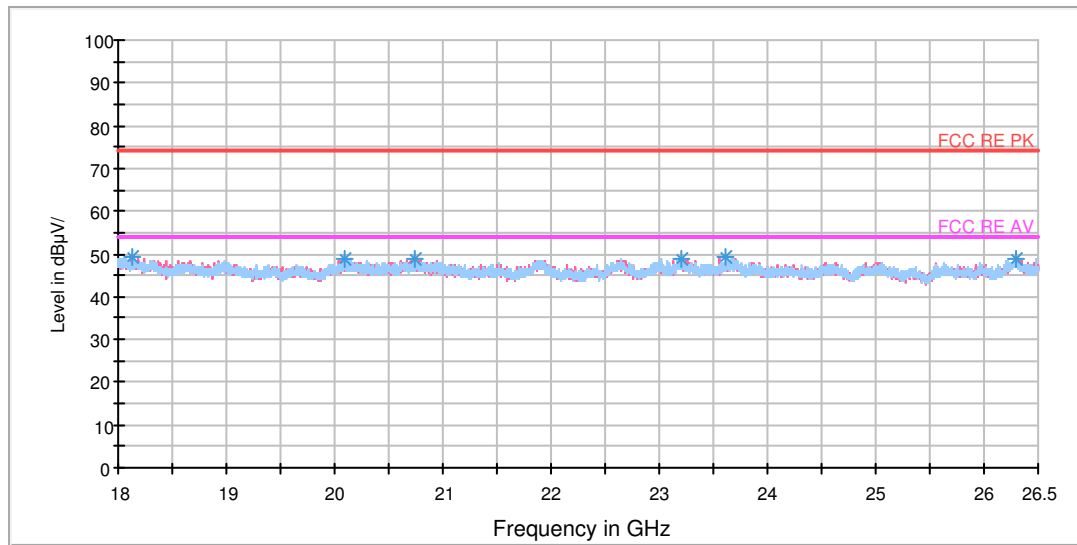
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7000.000000	38.1	102.0	V	0.0	46.6	8.5	15.9	54
9587.750000	38.1	102.0	V	180.0	48.0	9.9	15.9	54
9739.000000	39.0	102.0	V	180.0	49.7	10.7	15.0	54
11490.750000	53.0	102.0	V	180.0	63.8	10.8	1.0	54
15335.250000	45.2	102.0	V	180.0	63.7	18.5	8.8	54
18000.000000	51.8	102.0	V	180.0	77.2	25.4	2.2	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

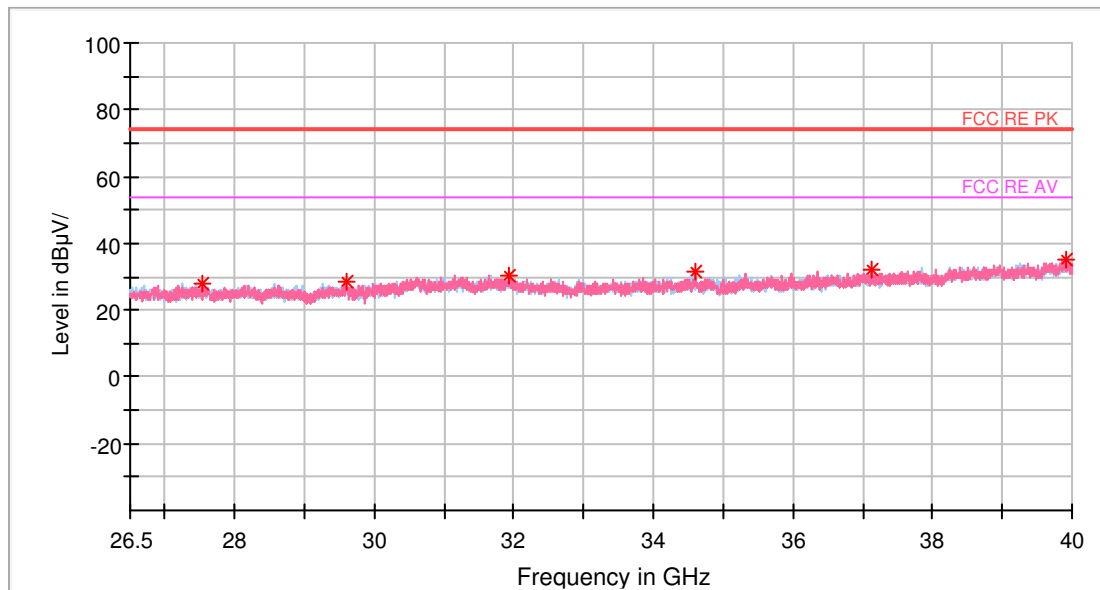
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18128.562500	49.1	V	66.0	51.4	-2.3	24.9	74
20083.562500	49.0	H	0.0	54.7	-5.7	25.0	74
20746.562500	48.9	H	53.0	55.7	-6.8	25.1	74
23195.625000	48.9	V	202.0	54.9	-6.0	25.1	74
23619.562500	49.4	H	53.0	55.3	-5.9	24.6	74
26304.500000	48.8	H	9.0	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)
18064.812500	37.2	V	202.0	39.3	-2.1	16.8	54
20079.312500	36.4	H	117.0	42.1	-5.7	17.6	54
20673.250000	36.6	V	311.0	43.2	-6.6	17.4	54
21906.812500	36.8	V	0.0	44.8	-8.0	17.2	54
23691.812500	36.8	H	185.0	42.7	-5.9	17.2	54
26307.687500	37.0	V	0.0	42.4	-5.4	17.0	54

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

Full Spectrum



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)
27546.250000	28.1	H	0.0	45.2	-17.1	45.9	74
29605.000000	28.3	H	0.0	44.8	-16.5	45.7	74
31920.250000	30.6	V	0.0	46.2	-15.6	43.4	74
34610.125000	31.3	V	0.0	48.0	-16.7	42.7	74
37134.625000	31.9	V	0.0	48.5	-16.6	42.1	74
39902.125000	34.9	V	0.0	50.8	-15.9	39.1	74

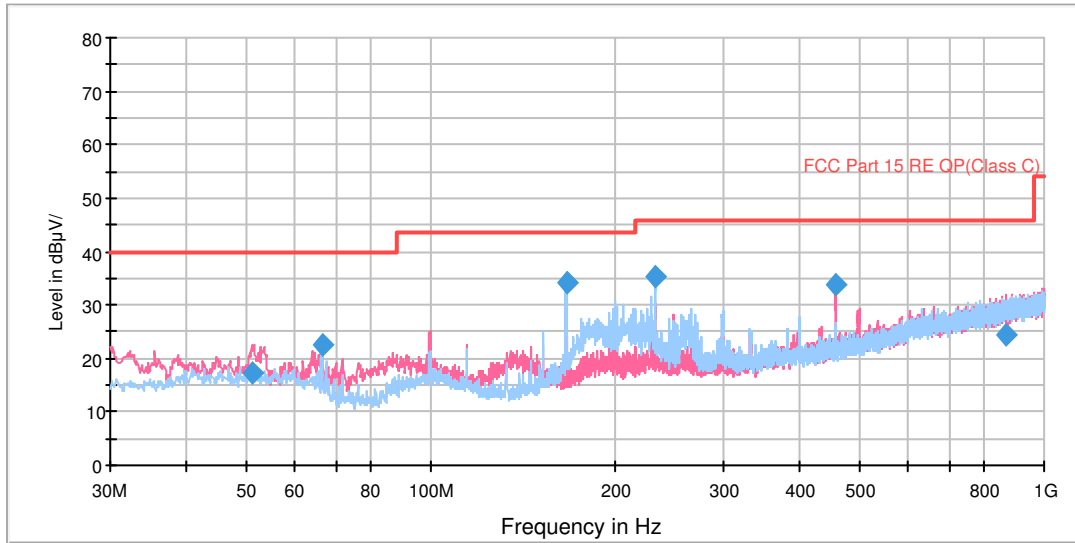
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27539.500000	17.8	V	0.0	34.9	-17.1	36.2	54
30175.375000	18.9	H	0.0	36.0	-17.1	35.1	54
31687.375000	20.3	H	0.0	35.8	-15.5	33.7	54
34623.625000	19.8	V	0.0	36.5	-16.7	34.2	54
37023.250000	21.6	H	0.0	38.2	-16.6	32.4	54
39895.375000	25.3	V	0.0	41.2	-15.9	28.7	54

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

802.11a CH157

FCC RE 0.03-1GHz QP Class C

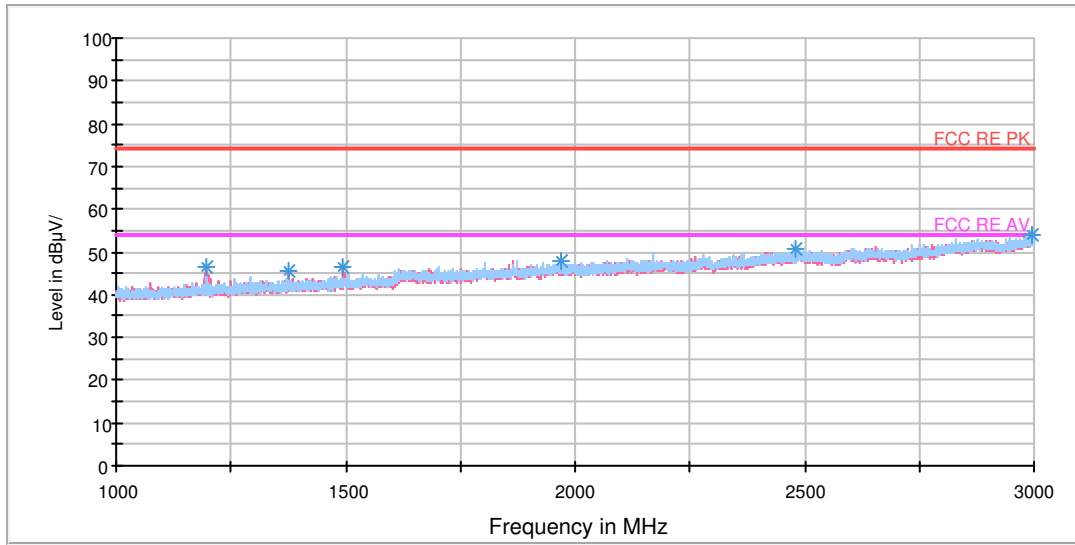


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
51.297500	17.2	100.0	V	128.0	30.1	12.9	22.8	40.0
66.496250	22.7	112.0	V	37.0	32.6	9.9	17.3	40.0
166.285000	34.2	125.0	H	203.0	44.2	10.0	9.3	43.5
232.366250	35.2	125.0	H	260.0	48.6	13.4	10.8	46.0
458.376250	34.0	114.0	V	192.0	53.0	19.0	12.0	46.0
869.292500	24.4	100.0	V	0.0	49.6	25.2	21.6	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-3GHz PK+AV



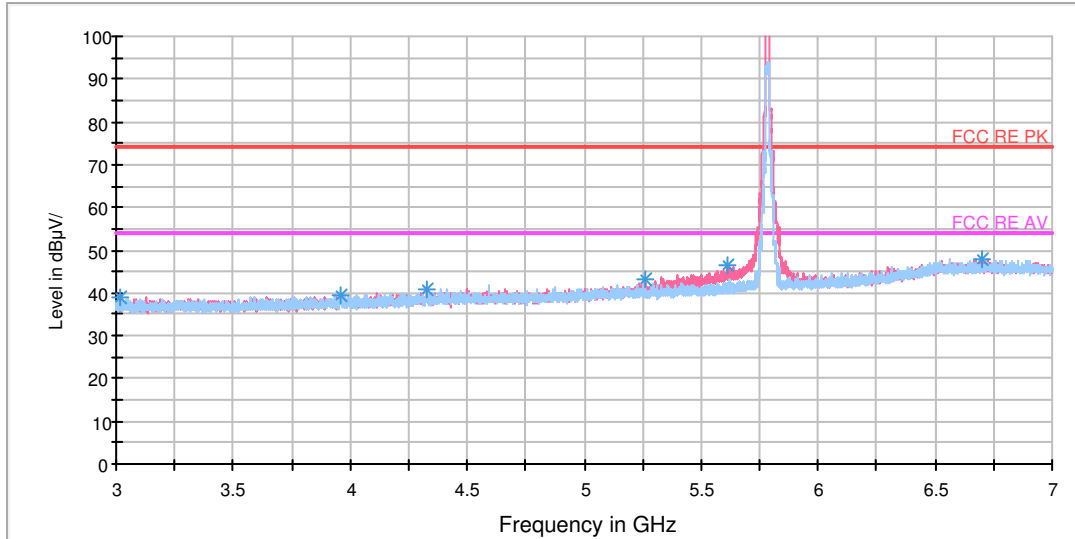
Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1194.500000	46.3	102.0	V	297.0	54.5	-8.2	27.7	74
1377.000000	45.7	102.0	V	249.0	52.8	-7.1	28.3	74
1495.500000	46.5	102.0	V	33.0	53.2	-6.7	27.5	74
1971.250000	48.1	102.0	H	0.0	51.7	-3.6	25.9	74
2480.750000	50.6	102.0	H	0.0	51.0	-0.4	23.4	74
2995.250000	54.1	102.0	H	327.0	56.4	2.3	19.9	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1200.000000	32.1	102.0	V	297.0	40.3	-8.2	21.9	54
1438.500000	32.5	102.0	V	265.0	39.4	-6.9	21.5	54
1647.000000	35.3	102.0	V	123.0	40.3	-5.0	18.7	54
1995.500000	36.2	102.0	H	80.0	39.4	-3.2	17.8	54
2490.750000	39.1	102.0	V	265.0	39.4	0.3	14.9	54
2994.750000	45.2	102.0	H	327.0	47.5	2.3	8.8	54

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



Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 7GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3017.500000	39.0	100.0	V	114.0	39.5	0.5	35.0	74
3960.500000	39.5	100.0	V	0.0	41.7	2.2	34.5	74
4330.500000	41.1	100.0	H	291.0	43.5	2.4	32.9	74
5259.500000	43.4	100.0	V	0.0	46.9	3.5	30.6	74
5612.500000	46.4	100.0	V	358.0	50.6	4.2	27.6	74
6701.500000	47.9	100.0	H	88.0	56.4	8.5	26.1	74

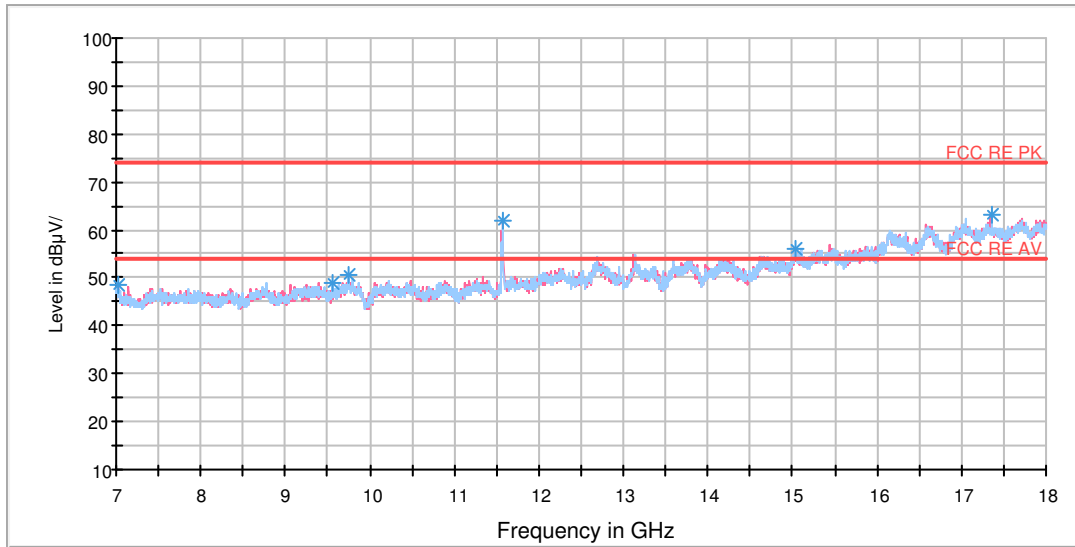
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3028.500000	27.1	100.0	H	182.0	27.9	0.8	26.9	54
3961.000000	28.1	100.0	H	6.0	30.3	2.2	25.9	54
4500.000000	28.8	100.0	H	25.0	31.7	2.9	25.2	54
5258.000000	30.6	100.0	V	299.0	34.1	3.5	23.4	54
5644.000000	33.7	100.0	V	0.0	38.0	4.3	20.3	54
6702.000000	36.0	100.0	H	36.0	44.5	8.5	18.0	54

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



RE 7-18GHz PK



Radiates Emission from 7GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7013.750000	48.6	101.0	V	126.0	56.9	8.3	25.4	74
9565.750000	48.9	101.0	H	118.0	58.7	9.8	25.1	74
9744.500000	50.5	101.0	H	334.0	61.0	10.5	23.5	74
11576.000000	61.8	101.0	V	343.0	73.1	11.3	12.2	74
15041.000000	56.0	101.0	H	65.0	74.9	18.9	18.0	74
17351.000000	63.2	101.0	H	290.0	86.9	23.7	10.8	74

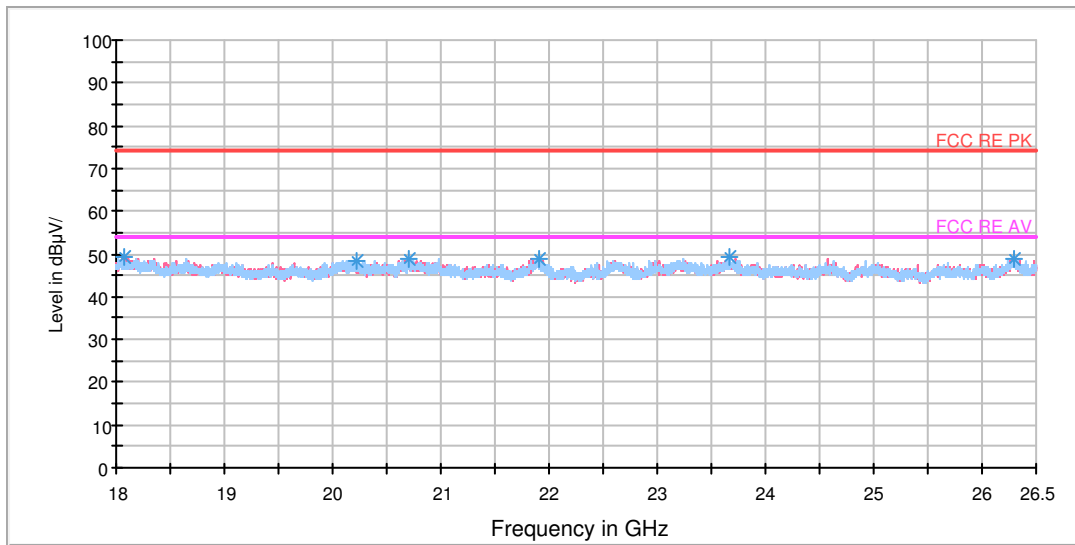
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7000.000000	38.3	102.0	V	0.0	46.8	8.5	15.7	54
9587.750000	38.1	102.0	V	0.0	48.0	9.9	15.9	54
9739.000000	39.0	102.0	V	180.0	49.7	10.7	15.0	54
11573.250000	52.3	102.0	V	180.0	63.5	11.2	1.7	54
15335.250000	45.2	102.0	V	0.0	63.7	18.5	8.8	54
17359.250000	52.5	102.0	V	180.0	76.3	23.8	1.5	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

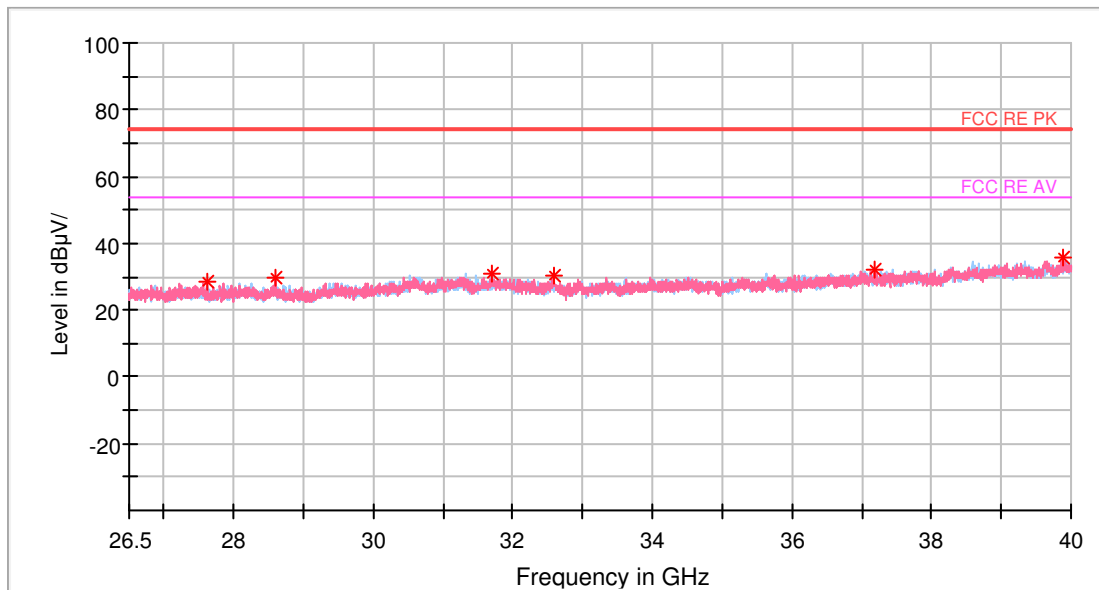
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18068.000000	49.5	V	18.0	51.6	-2.1	24.5	74
20214.250000	48.6	H	0.0	54.5	-5.9	25.4	74
20705.125000	48.9	V	266.0	55.6	-6.7	25.1	74
21914.250000	49.0	H	204.0	57.0	-8.0	25.0	74
23668.437500	49.2	H	0.0	55.1	-5.9	24.8	74
26297.062500	49.0	V	0.0	54.4	-5.4	25.0	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)
18061.625000	37.2	V	0.0	39.3	-2.1	16.8	54
20077.187500	36.5	V	354.0	42.2	-5.7	17.5	54
20772.062500	36.6	V	179.0	43.5	-6.9	17.4	54
21902.562500	36.8	V	0.0	44.8	-8.0	17.2	54
23668.437500	36.8	H	0.0	42.7	-5.9	17.2	54
26303.437500	37.0	H	0.0	42.4	-5.4	17.0	54

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

Full Spectrum



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)
27607.000000	28.6	V	0.0	45.6	-17.0	45.4	74
28595.875000	29.5	V	0.0	46.6	-17.1	44.5	74
31700.875000	30.9	H	0.0	46.3	-15.4	43.1	74
32598.625000	30.2	V	0.0	46.5	-16.3	43.8	74
37188.625000	31.8	V	0.0	48.4	-16.6	42.2	74
39892.000000	35.9	H	0.0	51.8	-15.9	38.1	74

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

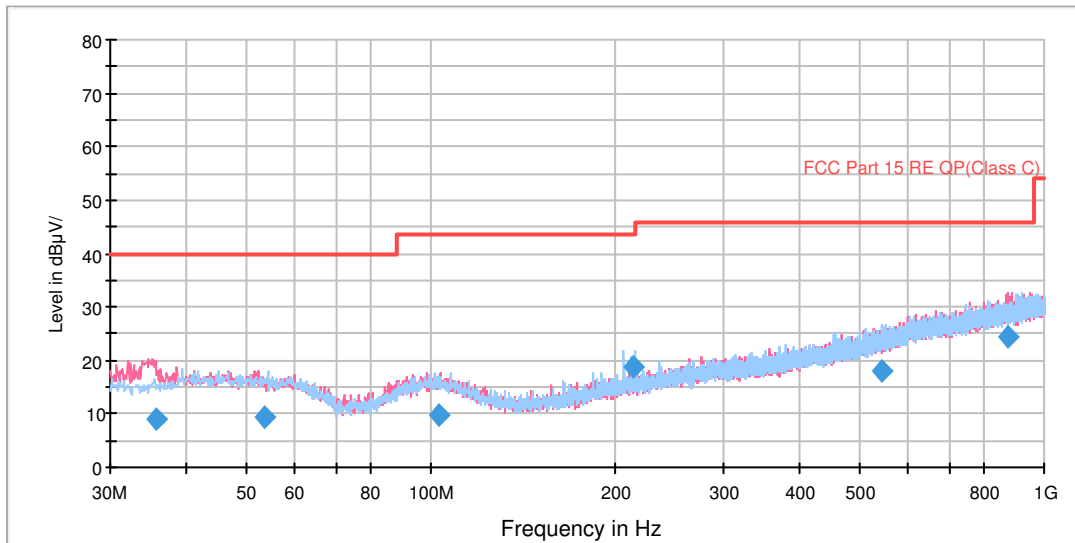
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28123.375000	18.2	V	0.0	34.7	-16.5	35.8	54
30242.875000	18.6	V	0.0	35.6	-17.0	35.4	54
31711.000000	20.5	V	0.0	35.9	-15.4	33.5	54
34552.750000	19.9	H	0.0	36.5	-16.6	34.1	54
37340.500000	21.7	V	0.0	38.2	-16.5	32.3	54
39881.875000	25.4	H	0.0	41.3	-15.9	28.6	54

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



802.11a CH165

FCC RE 0.03-1GHz QP Class C



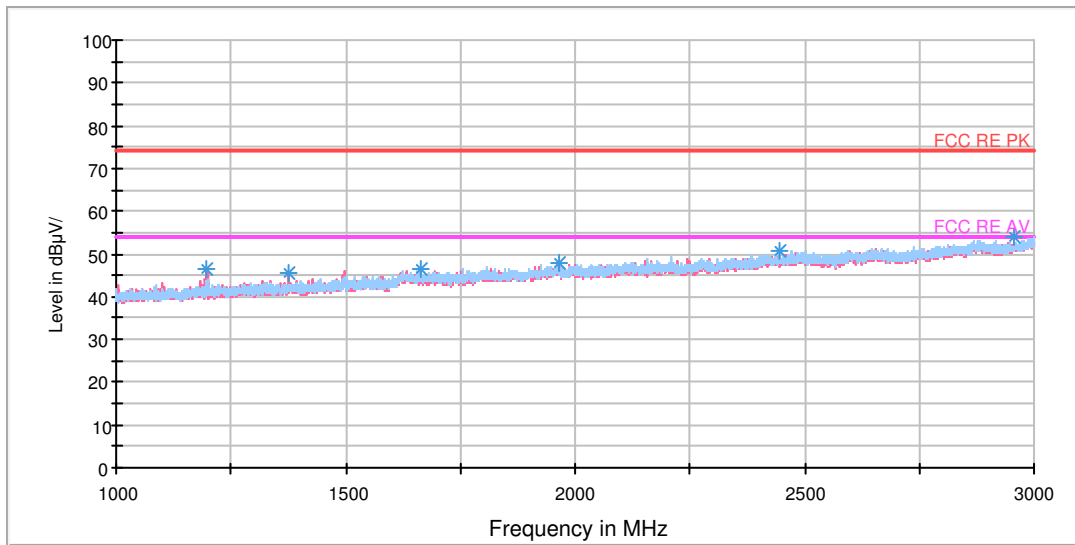
Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
35.613750	9.0	100.0	V	0.0	21.0	12.0	31.0	40.0
53.650000	9.3	125.0	H	0.0	22.1	12.8	30.7	40.0
103.120000	9.7	125.0	V	249.0	22.6	12.9	33.8	43.5
214.263750	18.7	125.0	H	256.0	31.4	12.7	24.8	43.5
544.866250	18.2	100.0	H	326.0	39.1	20.9	27.8	46.0
874.022500	24.4	114.0	V	22.0	49.7	25.3	21.6	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-3GHz PK+AV



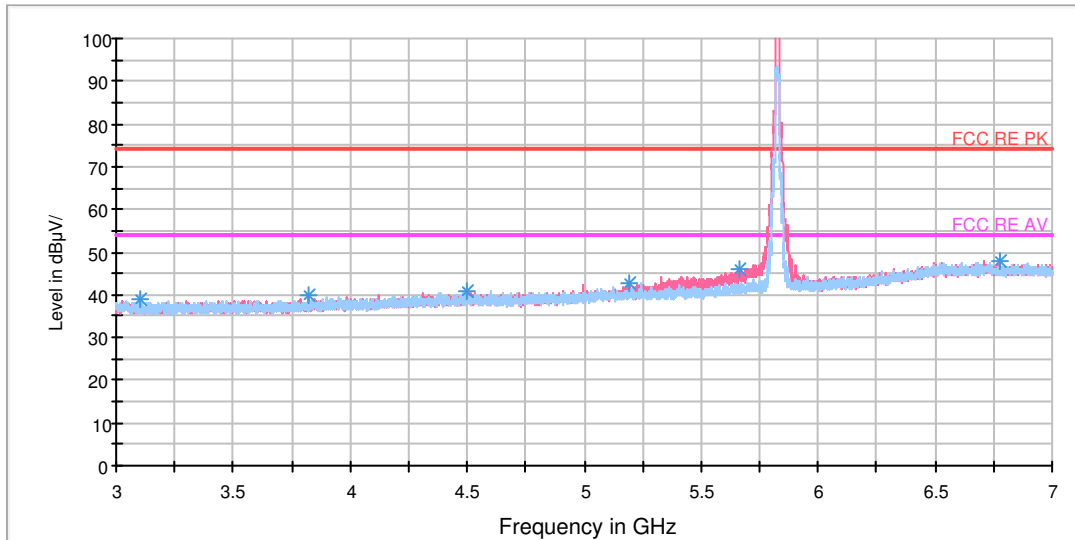
Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1196.000000	46.6	102.0	V	293.0	54.8	-8.2	27.4	74
1375.750000	45.3	102.0	V	247.0	52.4	-7.1	28.7	74
1664.500000	46.3	102.0	V	247.0	51.5	-5.2	27.7	74
1963.750000	47.9	102.0	V	0.0	51.2	-3.3	26.1	74
2445.000000	50.7	102.0	H	161.0	51.2	-0.5	23.3	74
2956.000000	53.9	102.0	V	52.0	56.0	2.1	20.1	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1188.750000	32.7	102.0	V	136.0	40.9	-8.2	21.3	54
1299.750000	32.4	102.0	V	262.0	40.3	-7.9	21.6	54
1646.750000	34.9	102.0	V	293.0	39.9	-5.0	19.1	54
1961.000000	36.2	102.0	H	34.0	39.4	-3.2	17.8	54
2491.500000	39.0	102.0	V	152.0	39.3	0.3	15.0	54
2994.750000	45.6	102.0	H	34.0	47.9	2.3	8.4	54

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



Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 7GHz

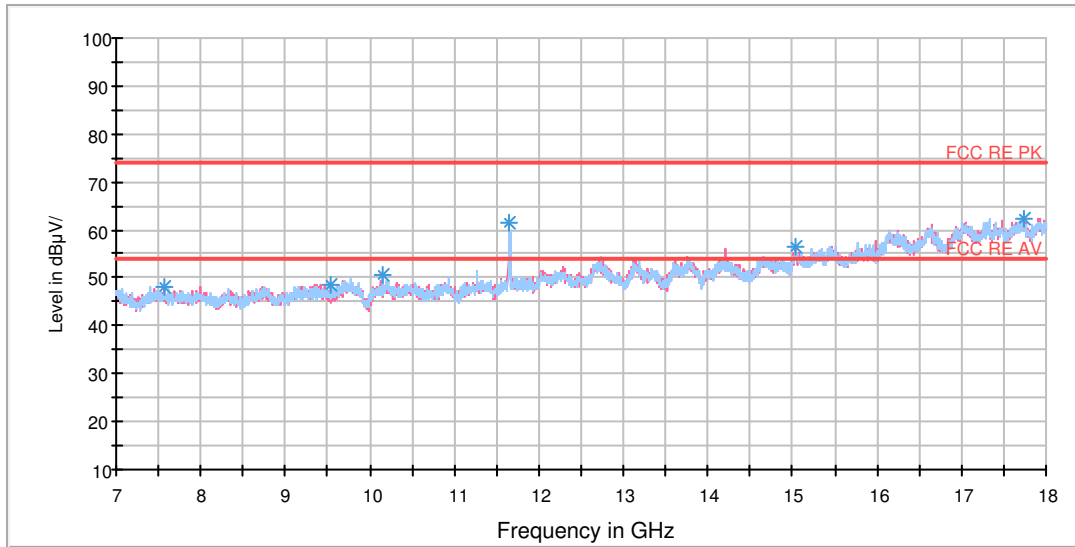
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3104.000000	38.8	100.0	V	0.0	39.4	0.6	35.2	74
3822.500000	39.9	100.0	V	308.0	40.9	1.0	34.1	74
4501.500000	40.7	100.0	V	0.0	43.5	2.8	33.3	74
5197.000000	42.6	100.0	V	165.0	46.3	3.7	31.4	74
5661.000000	46.2	100.0	V	69.0	50.8	4.6	27.8	74
6780.000000	47.9	100.0	V	320.0	56.6	8.7	26.1	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)
3046.000000	27.0	100.0	V	165.0	27.9	0.9	27.0	54
3961.000000	28.3	100.0	H	2.0	30.5	2.2	25.7	54
4495.500000	29.0	100.0	H	89.0	31.7	2.7	25.0	54
5241.500000	30.8	100.0	V	342.0	34.4	3.6	23.2	54
5396.000000	32.6	100.0	V	69.0	36.5	3.9	21.4	54
6721.500000	35.9	100.0	H	195.0	44.5	8.6	18.1	54

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

RE 7-18GHz PK



Radiates Emission from 7GHz to 18GHz

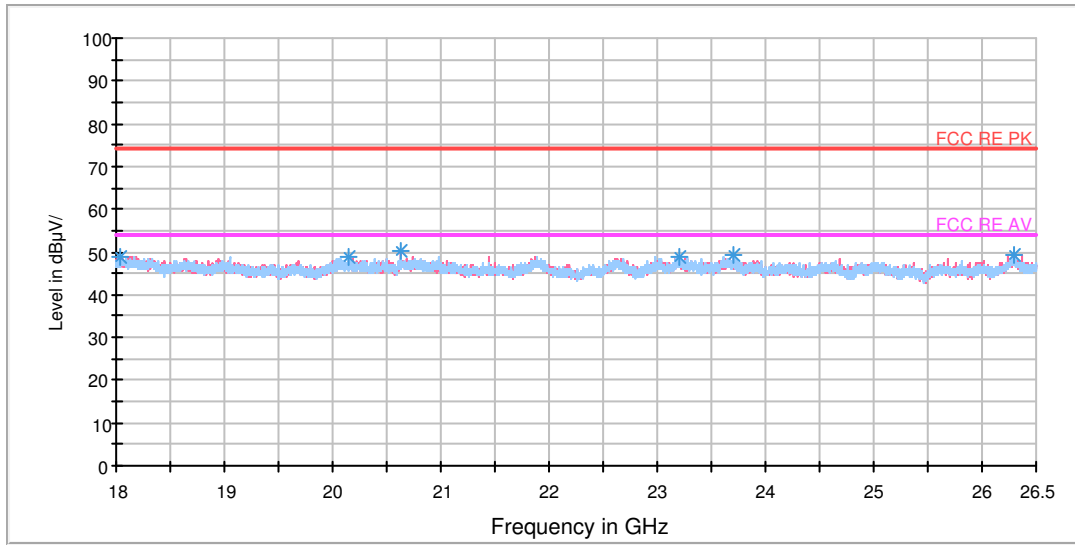
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7569.250000	48.0	101.0	V	202.0	55.3	7.3	26.0	74
9527.250000	48.6	101.0	H	85.0	58.4	9.8	25.4	74
10151.500000	50.7	101.0	H	53.0	61.8	11.1	23.3	74
11653.000000	61.6	101.0	V	30.0	73.2	11.6	12.4	74
15038.250000	56.4	101.0	V	30.0	75.3	18.9	17.6	74
17727.750000	62.4	101.0	V	179.0	87.0	24.6	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)
7000.000000	38.3	102.0	V	180.0	46.8	8.5	15.7	54
9587.750000	38.1	102.0	V	180.0	48.0	9.9	15.9	54
9739.000000	39.0	102.0	V	180.0	49.7	10.7	15.0	54
11653.000000	51.7	102.0	V	180.0	63.3	11.6	2.3	54
15340.750000	45.2	102.0	V	180.0	63.8	18.6	8.8	54
17477.500000	52.1	102.0	V	180.0	76.8	24.7	1.9	54

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

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

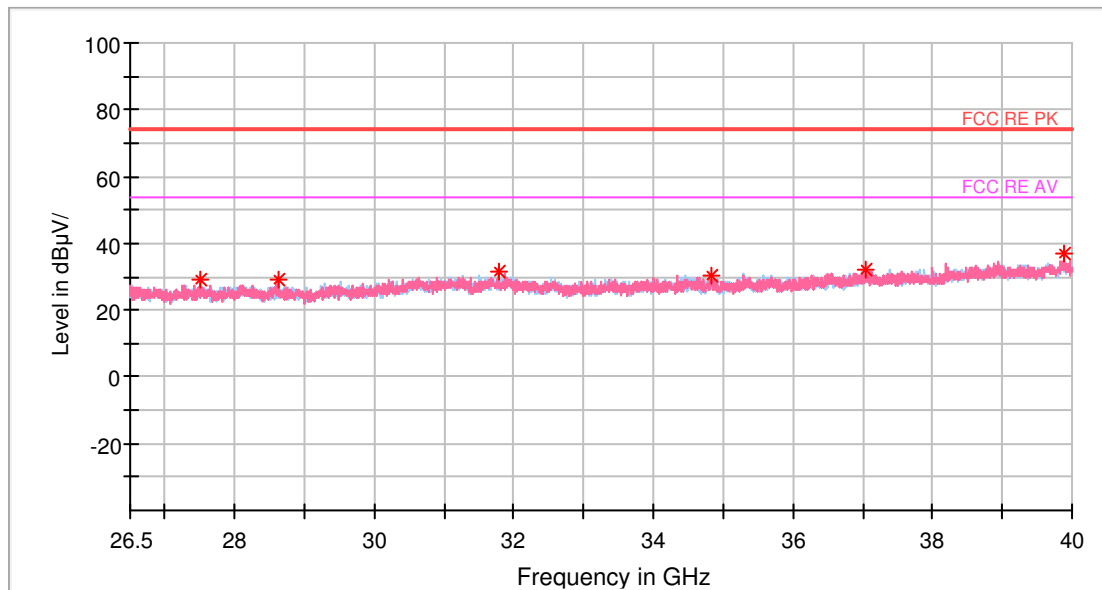
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18035.062500	49.0	V	352.0	50.9	-1.9	25.0	74
20142.000000	48.6	H	112.0	54.4	-5.8	25.4	74
20633.937500	50.4	V	352.0	56.9	-6.5	23.6	74
23200.937500	48.8	H	3.0	54.8	-6.0	25.2	74
23699.250000	49.3	H	227.0	55.2	-5.9	24.7	74
26287.500000	49.3	V	331.0	54.7	-5.4	24.7	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)
18064.812500	37.3	H	25.0	39.4	-2.1	16.7	54
20085.687500	36.5	H	0.0	42.2	-5.7	17.5	54
20783.750000	36.5	H	0.0	43.4	-6.9	17.5	54
21893.000000	36.9	V	112.0	44.9	-8.0	17.1	54
23697.125000	36.9	V	352.0	42.8	-5.9	17.1	54
26285.375000	37.0	V	244.0	42.4	-5.4	17.0	54

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

Full Spectrum



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)
27499.000000	28.8	V	0.0	45.9	-17.1	45.2	74
28616.125000	29.0	V	0.0	46.1	-17.1	45.0	74
31781.875000	31.5	H	0.0	46.9	-15.4	42.5	74
34839.625000	30.6	H	0.0	47.4	-16.8	43.4	74
37033.375000	32.1	V	0.0	48.7	-16.6	41.9	74
39885.250000	37.1	H	0.0	53.0	-15.9	36.9	74

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

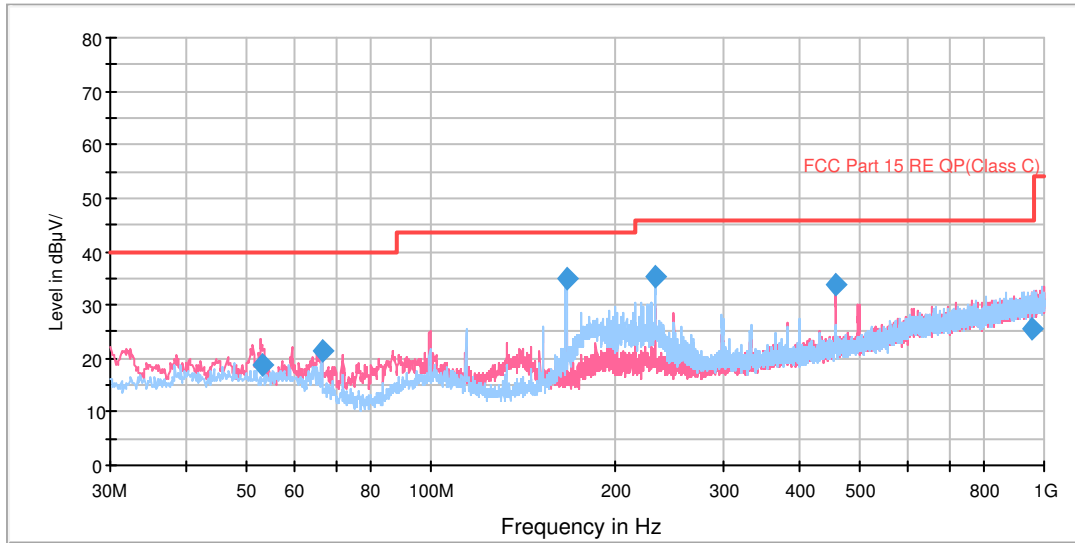
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27421.375000	17.6	V	0.0	34.6	-17.0	36.4	54
30266.500000	18.7	V	0.0	35.6	-16.9	35.3	54
31900.000000	20.3	H	0.0	35.8	-15.5	33.7	54
34529.125000	20.0	H	0.0	36.6	-16.6	34.0	54
36992.875000	22.0	H	0.0	38.6	-16.6	32.0	54
39881.875000	25.2	H	0.0	41.1	-15.9	28.8	54

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



802.11n (HT20) CH36

FCC RE 0.03-1GHz QP Class C

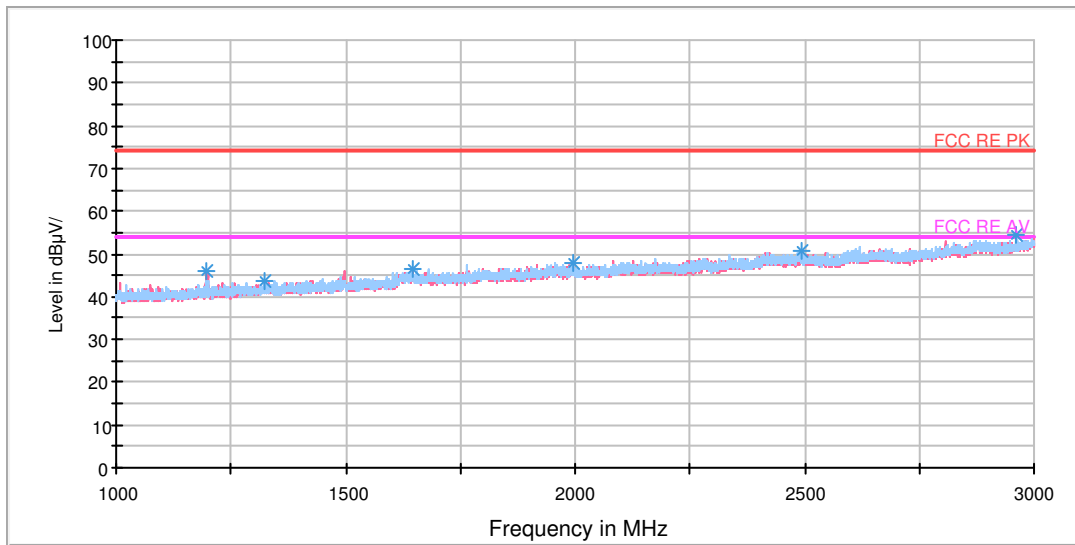


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
53.075000	18.6	100.0	V	170.0	31.4	12.8	21.4	40.0
66.495000	21.5	115.0	V	34.0	31.4	9.9	18.5	40.0
166.285000	34.8	125.0	H	204.0	44.8	10.0	8.7	43.5
232.366250	35.3	125.0	H	256.0	48.7	13.4	10.7	46.0
458.376250	33.8	114.0	V	195.0	52.8	19.0	12.2	46.0
954.327500	25.4	100.0	V	353.0	51.5	26.1	20.6	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-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

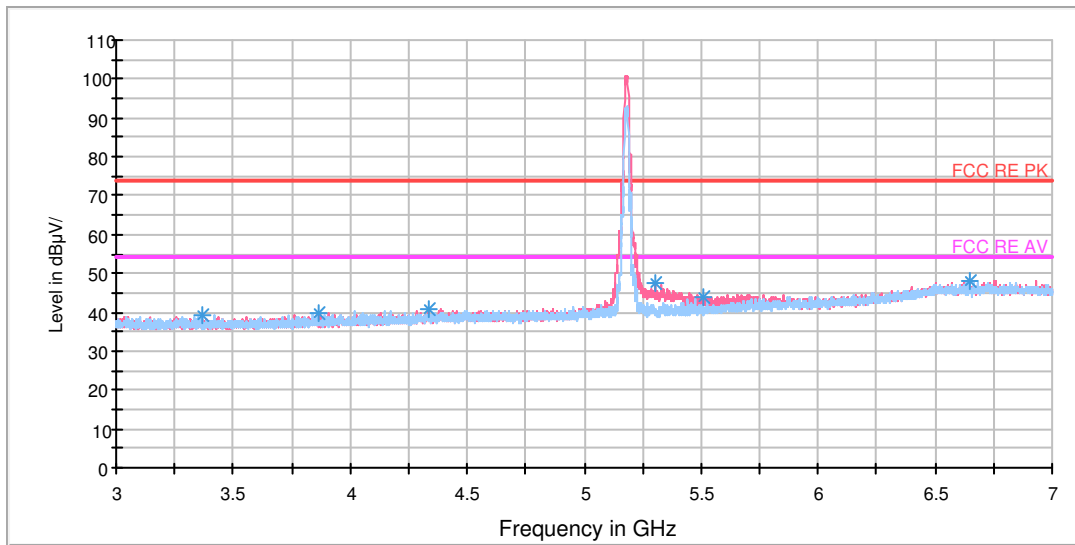
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1196.000000	46.1	102.0	V	71.0	54.3	-8.2	27.9	74
1325.000000	43.9	102.0	V	0.0	51.3	-7.4	30.1	74
1647.250000	46.5	102.0	V	122.0	51.5	-5.0	27.5	74
1996.750000	48.0	102.0	H	276.0	51.3	-3.3	26	74
2491.500000	50.5	102.0	V	185.0	50.8	0.3	23.5	74
2962.750000	54.6	102.0	H	112.0	56.7	2.1	19.4	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1172.750000	32.5	102.0	V	154.0	40.6	-8.1	21.5	54
1323.250000	32.3	102.0	H	310.0	39.6	-7.3	21.7	54
1647.000000	35.4	102.0	V	139.0	40.4	-5.0	18.6	54
2079.000000	36.1	102.0	H	1.0	39.1	-3.0	17.9	54
2493.750000	38.9	102.0	V	53.0	39.1	0.2	15.1	54
2994.750000	45.4	102.0	H	328.0	47.7	2.3	8.6	54

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

RE 1G-18GHz PK+AV Class B



Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 7GHz

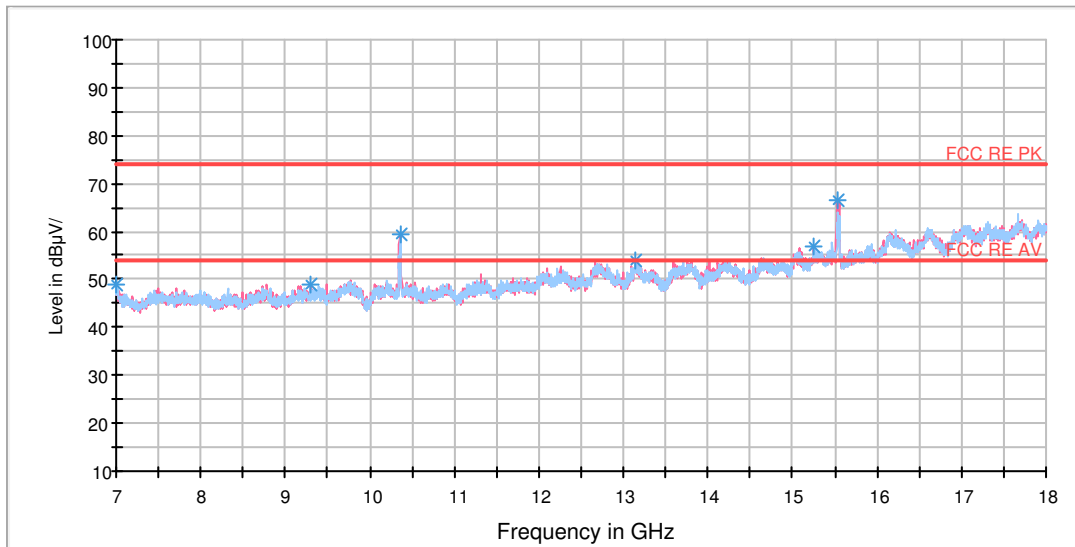
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3365.000000	39.2	100.0	H	2.0	39.9	0.7	34.8	74
3868.000000	39.8	100.0	V	355.0	40.8	1.0	34.2	74
4332.000000	40.8	100.0	V	192.0	43.1	2.3	33.2	74
5305.000000	47.4	100.0	V	54.0	50.9	3.5	26.6	74
5505.500000	43.8	100.0	V	138.0	47.6	3.8	30.2	74
6647.000000	48.0	100.0	V	359.0	56.5	8.5	26	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)
3049.500000	27.0	100.0	V	357.0	28.0	1.0	27.0	54
3960.000000	28.1	100.0	H	6.0	30.4	2.3	25.9	54
4477.500000	28.9	100.0	V	7.0	31.2	2.3	25.1	54
4863.000000	28.9	100.0	V	355.0	31.5	2.6	25.1	54
5290.000000	35.1	100.0	V	340.0	39.2	4.1	18.9	54
6727.000000	35.8	100.0	H	75.0	44.4	8.6	18.2	54

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

RE 7-18GHz PK



Radiates Emission from 7GHz to 18GHz

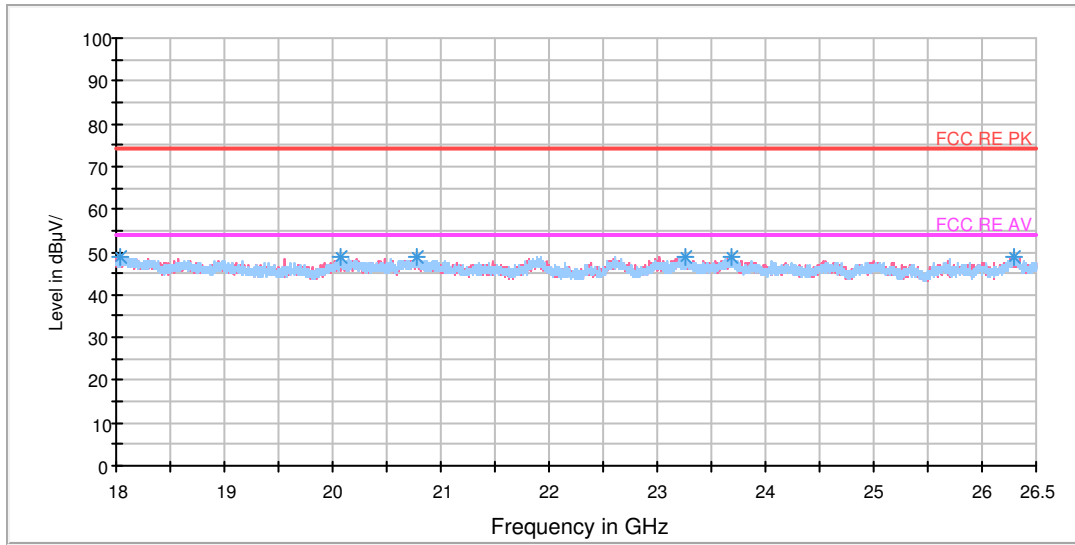
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7000.000000	48.9	101.0	H	17.0	57.4	8.5	25.1	74
9310.000000	49.0	101.0	V	338.0	58.3	9.3	25.0	74
10355.000000	59.4	101.0	V	17.0	69.4	10.0	14.6	74
13135.250000	54.1	101.0	H	263.0	69.3	15.2	19.9	74
15247.250000	57.0	101.0	V	71.0	75.4	18.4	17.0	74
15538.750000	66.6	101.0	V	168.0	85.2	18.6	7.4	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)
7000.000000	38.3	102.0	V	0.0	46.8	8.5	15.7	54
9587.750000	38.1	102.0	V	0.0	48.0	9.9	15.9	54
10360.500000	49.9	102.0	V	0.0	59.9	10.0	4.1	54
13138.000000	43.2	102.0	V	0.0	58.6	15.4	10.8	54
15340.750000	45.2	102.0	V	180.0	63.8	18.6	8.8	54
15547.000000	53.8	102.0	V	0.0	72.5	18.7	0.2	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

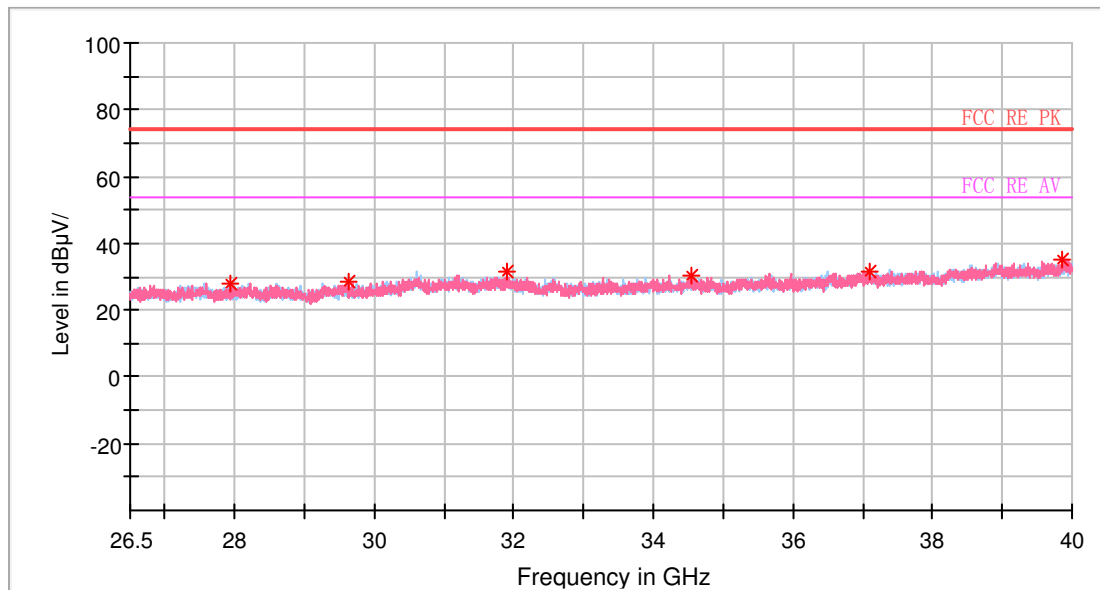
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18043.562500	49.0	H	95.0	51.0	-2.0	25.0	74
20081.437500	48.8	H	0.0	54.5	-5.7	25.2	74
20783.750000	48.8	V	0.0	55.7	-6.9	25.2	74
23251.937500	48.8	H	0.0	54.8	-6.0	25.2	74
23678.000000	49.0	H	161.0	54.9	-5.9	25.0	74
26288.562500	48.6	H	117.0	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)
18094.562500	37.2	V	309.0	39.4	-2.2	16.8	54
20087.812500	36.4	V	244.0	42.1	-5.7	17.6	54
20780.562500	36.7	V	0.0	43.6	-6.9	17.3	54
21899.375000	37.0	H	9.0	45.0	-8.0	17.0	54
23700.312500	36.9	H	139.0	42.8	-5.9	17.1	54
26286.437500	37.1	H	139.0	42.5	-5.4	16.9	54

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

Full Spectrum



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)
27927.625000	27.7	V	0.0	44.4	-16.7	46.3	74
29618.500000	28.7	H	0.0	45.3	-16.6	45.3	74
31900.000000	31.4	H	0.0	46.9	-15.5	42.6	74
34546.000000	30.6	V	0.0	47.2	-16.6	43.4	74
37087.375000	31.7	H	0.0	48.3	-16.6	42.3	74
39858.250000	35.3	H	0.0	51.2	-15.9	38.7	74

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

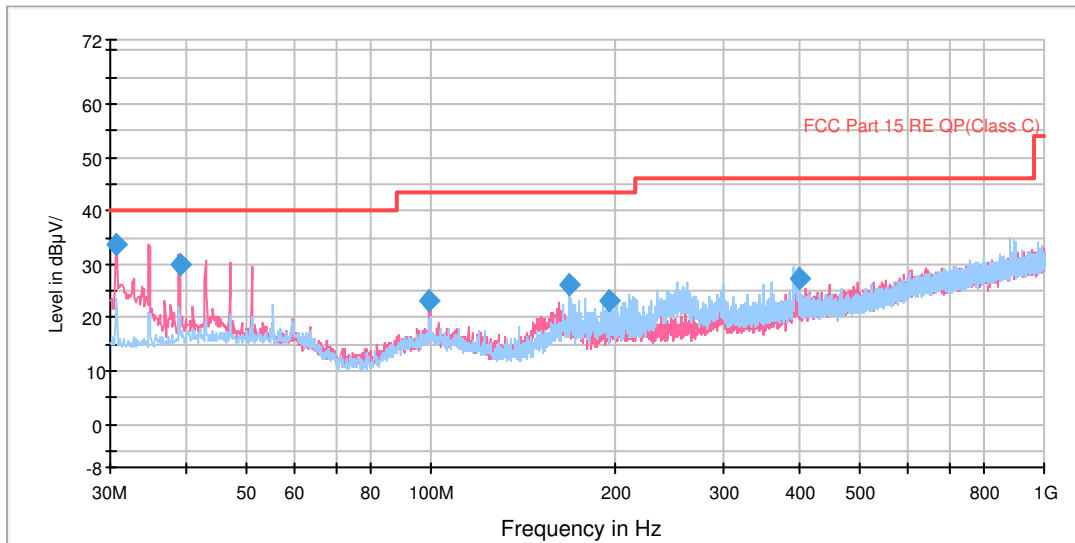
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28123.375000	18.0	H	0.0	34.5	-16.5	36.0	54
30219.250000	18.5	H	0.0	35.5	-17.0	35.5	54
31781.875000	20.3	H	0.0	35.7	-15.4	33.7	54
34549.375000	20.3	V	0.0	36.9	-16.6	33.7	54
37019.875000	21.7	V	0.0	38.3	-16.6	32.3	54
39885.250000	25.1	V	0.0	41.0	-15.9	28.9	54

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



802.11n (HT20) CH40

FCC RE 0.03-1GHz QP Class C



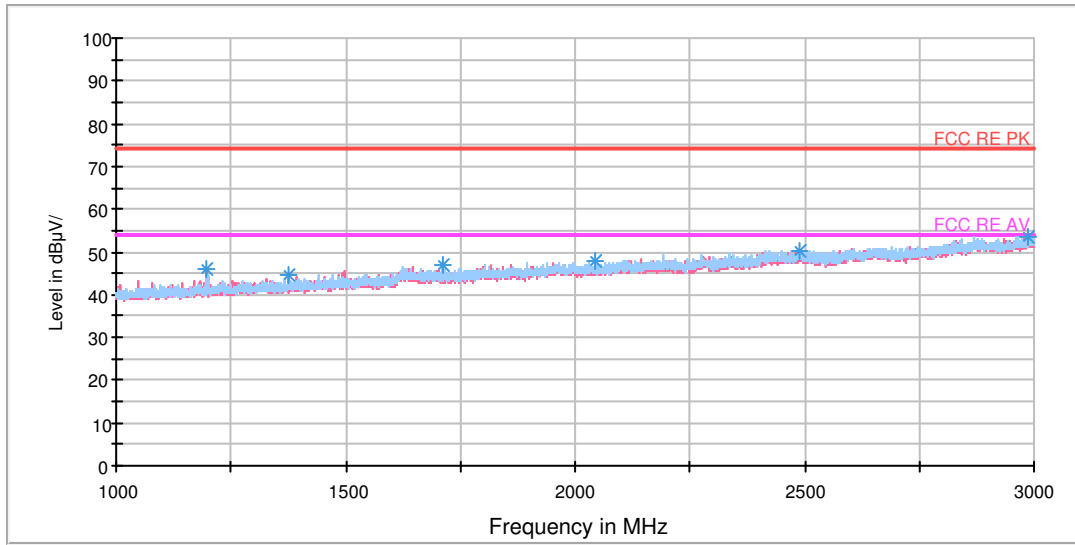
Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
30.727500	33.6	100.0	V	274.0	45.5	11.9	6.4	40.0
38.931250	29.9	100.0	V	100.0	42.8	12.9	10.1	40.0
99.600000	23.2	114.0	V	100.0	36.4	13.2	20.3	43.5
167.982500	26.1	125.0	H	285.0	36.3	10.2	17.4	43.5
195.182500	23.2	125.0	H	92.0	35	11.8	20.3	43.5
399.090000	27.2	112.0	H	205.0	45.1	17.9	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-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1195.500000	46.0	102.0	V	127.0	54.2	-8.2	28.0	74
1374.500000	44.4	102.0	V	345.0	51.5	-7.1	29.6	74
1709.750000	47.1	102.0	H	1.0	51.9	-4.8	26.9	74
2042.000000	47.9	102.0	H	0.0	51.1	-3.2	26.1	74
2489.750000	50.3	102.0	V	0.0	50.6	0.3	23.7	74
2984.750000	53.7	102.0	H	0.0	55.9	2.2	20.3	74

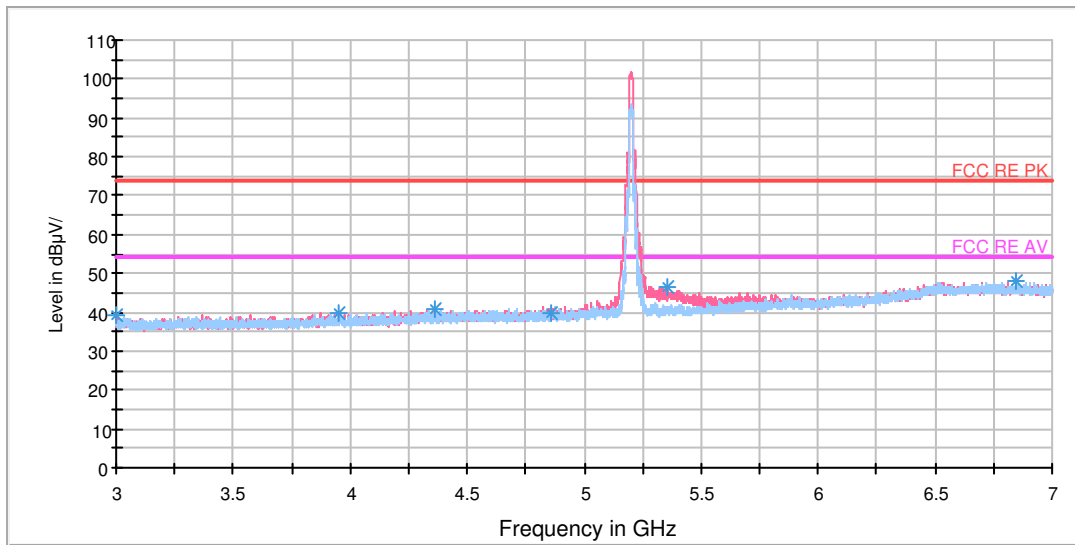
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1181.000000	32.7	102.0	V	143.0	40.7	-8.0	21.3	54
1308.750000	32.5	102.0	V	143.0	40.2	-7.7	21.5	54
1647.000000	35.6	102.0	V	127.0	40.6	-5.0	18.4	54
1993.750000	36.3	102.0	H	0.0	39.6	-3.3	17.7	54
2493.750000	39.0	102.0	H	1.0	39.2	0.2	15.0	54
2994.750000	46.0	102.0	H	110.0	48.3	2.3	8.0	54

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



RE 1G-18GHz PK+AV Class B



Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 7GHz

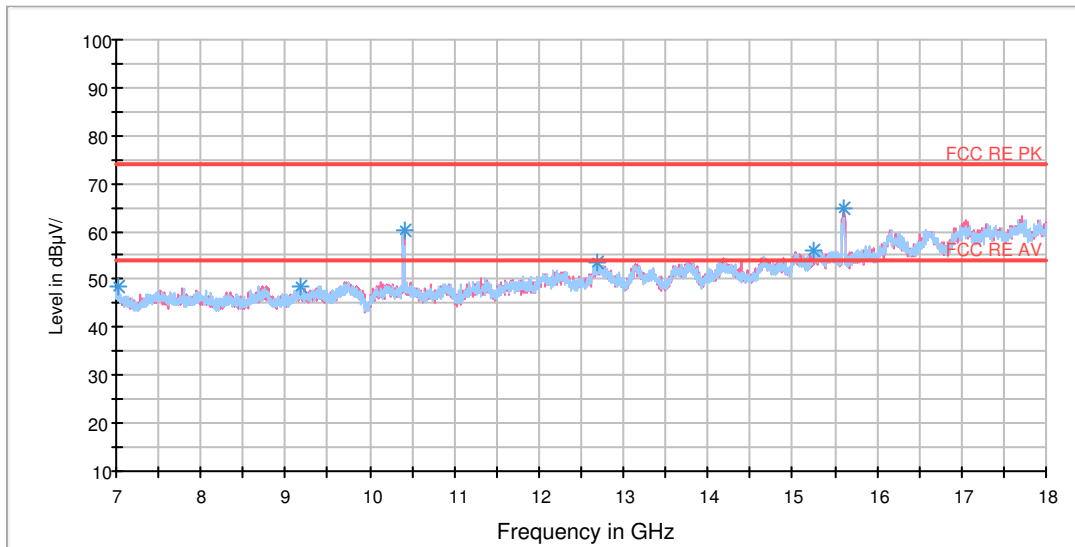
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3001.000000	39.4	100.0	V	138.0	40.1	0.7	34.6	74
3954.500000	39.9	100.0	V	333.0	41.6	1.7	34.1	74
4359.500000	40.6	100.0	V	244.0	42.9	2.3	33.4	74
4861.500000	39.9	100.0	V	349.0	42.5	2.6	34.1	74
5357.000000	46.5	100.0	V	358.0	50.4	3.9	27.5	74
6844.500000	47.8	100.0	H	0.0	56.1	8.3	26.2	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3029.500000	27.2	100.0	H	114.0	28.0	0.8	26.8	54
3958.500000	28.3	100.0	H	75.0	30.4	2.1	25.7	54
4503.000000	28.7	100.0	V	0.0	31.5	2.8	25.3	54
4814.500000	28.8	100.0	V	0.0	31.3	2.5	25.2	54
5293.000000	35.5	100.0	V	0.0	39.4	3.9	18.5	54
6568.500000	36.0	100.0	V	205.0	44.3	8.3	18.0	54

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

RE 7-18GHz PK



Radiates Emission from 7GHz to 18GHz

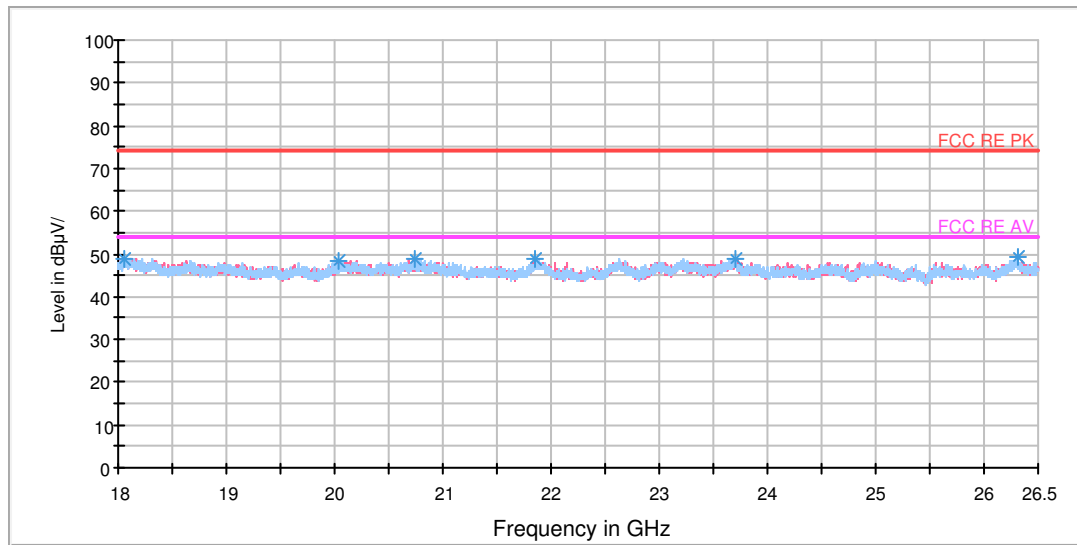
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7013.750000	48.5	101.0	H	350.0	56.8	8.3	25.5	74
9189.000000	48.6	101.0	H	1.0	57.3	8.7	25.4	74
10407.250000	60.4	101.0	V	179.0	70.4	10.0	13.6	74
12692.500000	53.5	101.0	V	179.0	68.1	14.6	20.5	74
15261.000000	56.1	101.0	H	278.0	74.6	18.5	17.9	74
15615.750000	65.0	101.0	V	1.0	83.4	18.4	9.0	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)
7000.000000	38.3	102.0	V	0.0	46.8	8.5	15.7	54
9587.750000	38.0	102.0	V	180.0	47.9	9.9	16.0	54
10401.750000	48.9	102.0	V	0.0	58.8	9.9	5.1	54
13138.000000	43.1	102.0	V	180.0	58.5	15.4	10.9	54
15335.250000	45.2	102.0	V	180.0	63.7	18.5	8.8	54
15599.250000	51.2	102.0	V	0.0	69.9	18.7	2.8	54

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

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

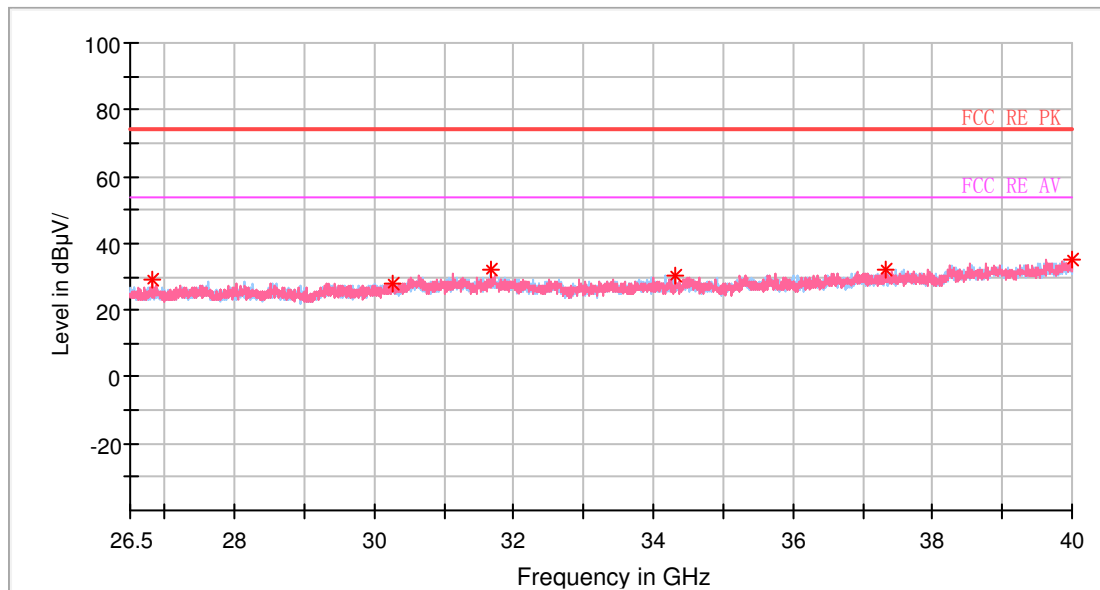
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18063.750000	49.1	H	0.0	51.2	-2.1	24.9	74
20029.375000	48.5	V	90.0	54.2	-5.7	25.5	74
20743.375000	49.1	H	140.0	55.9	-6.8	24.9	74
21848.375000	48.9	V	0.0	56.9	-8.0	25.1	74
23710.937500	49.1	V	201.0	55.0	-5.9	24.9	74
26308.750000	49.2	H	96.0	54.6	-5.4	24.8	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)
18065.875000	37.2	H	9.0	39.3	-2.1	16.8	54
20201.500000	36.4	H	0.0	42.1	-5.7	17.6	54
20786.937500	36.7	H	341.0	43.5	-6.8	17.3	54
21901.500000	36.9	V	113.0	44.9	-8.0	17.1	54
23704.562500	36.9	V	0.0	42.8	-5.9	17.1	54
26300.250000	37.0	H	0.0	42.4	-5.4	17.0	54

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

Full Spectrum



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)
26820.625000	29.0	V	0.0	46.5	-17.5	45.0	74
30263.125000	28.2	H	0.0	45.1	-16.9	45.8	74
31657.000000	32.2	H	0.0	47.8	-15.6	41.8	74
34316.500000	30.2	V	0.0	46.6	-16.4	43.8	74
37340.500000	32.0	V	0.0	48.5	-16.5	42.0	74
40000.000000	35.2	V	0.0	51.1	-15.9	38.8	74

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

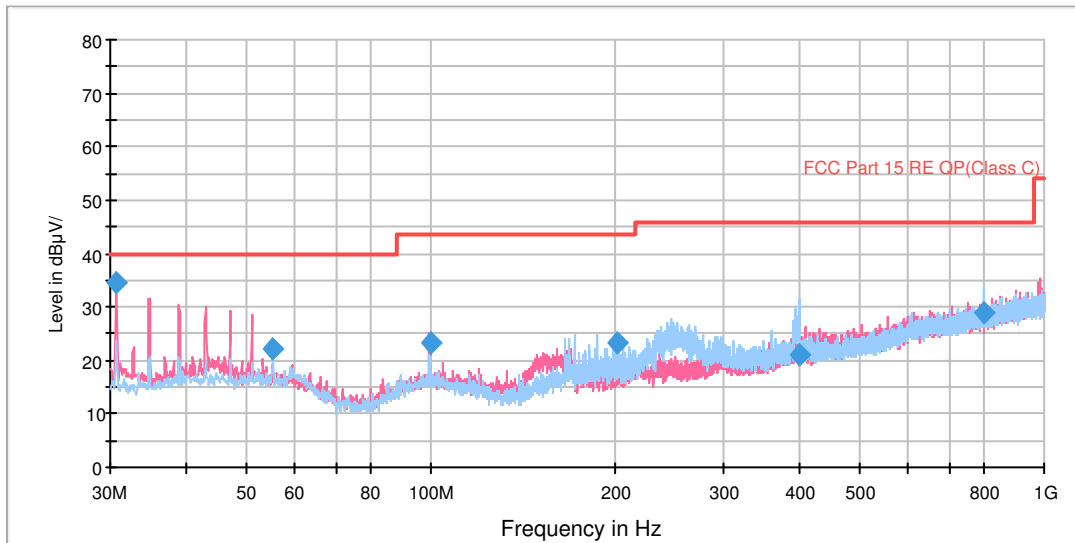
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28315.750000	18.1	H	0.0	34.8	-16.7	35.9	54
30273.250000	18.9	H	0.0	35.8	-16.9	35.1	54
30607.375000	20.5	H	0.0	36.9	-16.4	33.5	54
34454.875000	19.9	V	0.0	36.4	-16.5	34.1	54
36999.625000	21.9	V	0.0	38.5	-16.6	32.1	54
39878.500000	25.6	H	0.0	41.5	-15.9	28.4	54

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



802.11n (HT20) CH48

FCC RE 0.03-1GHz QP Class C

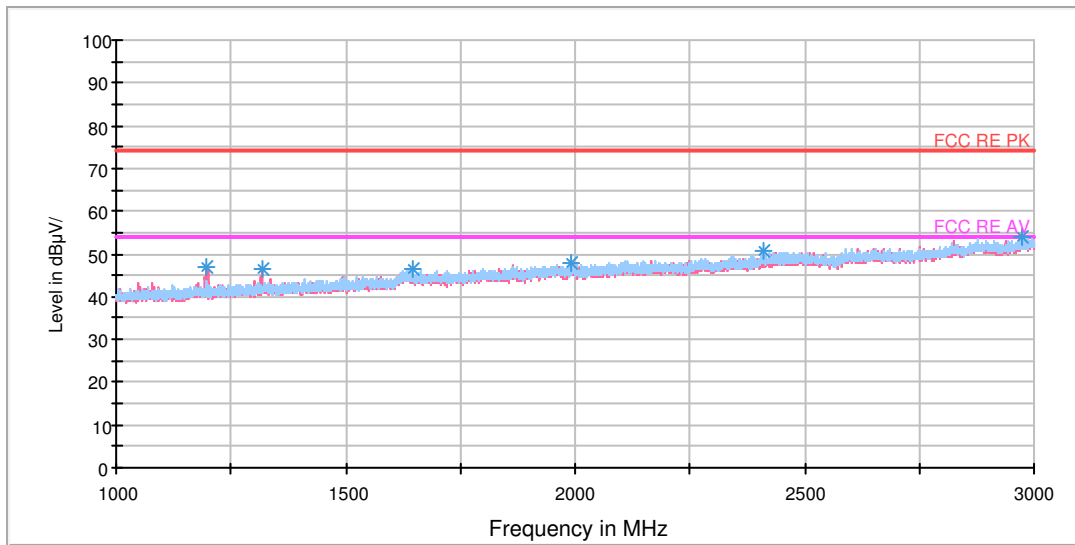


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
30.727500	34.4	100.0	V	103.0	46.3	11.9	5.6	40.0
55.300000	22.0	125.0	H	85.0	34.7	12.7	18.0	40.0
99.917500	23.1	114.0	V	95.0	36.3	13.2	20.4	43.5
201.811250	23.2	125.0	H	103.0	35.3	12.1	20.3	43.5
398.846250	21.0	100.0	H	22.0	38.9	17.9	25.0	46.0
797.316250	28.8	100.0	H	47.0	53.1	24.3	17.2	46.0

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

RE 1G-3GHz PK+AV



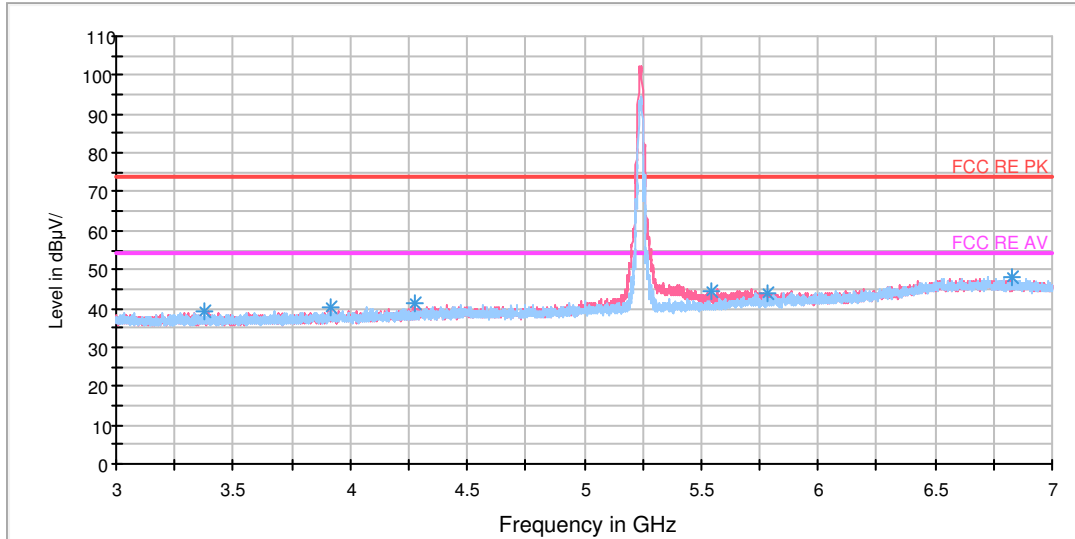
Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1195.250000	46.8	102.0	V	295.0	55.0	-8.2	27.2	74
1316.750000	46.6	102.0	V	53.0	54.0	-7.4	27.4	74
1644.500000	46.5	102.0	H	0.0	51.4	-4.9	27.5	74
1989.750000	47.8	102.0	H	15.0	51.2	-3.4	26.2	74
2409.750000	50.6	102.0	H	0.0	51.1	-0.5	23.4	74
2973.000000	54.1	102.0	H	142.0	56.3	2.2	19.9	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1197.750000	31.7	102.0	V	53.0	39.9	-8.2	22.3	54
1426.000000	32.5	102.0	V	264.0	39.4	-6.9	21.5	54
1647.000000	35.5	102.0	V	0.0	40.5	-5.0	18.5	54
1994.500000	36.1	102.0	H	0.0	39.3	-3.2	17.9	54
2486.500000	39.0	102.0	V	216.0	39.1	0.1	15.0	54
2994.750000	45.4	102.0	H	327.0	47.7	2.3	8.6	54

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



Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 7GHz

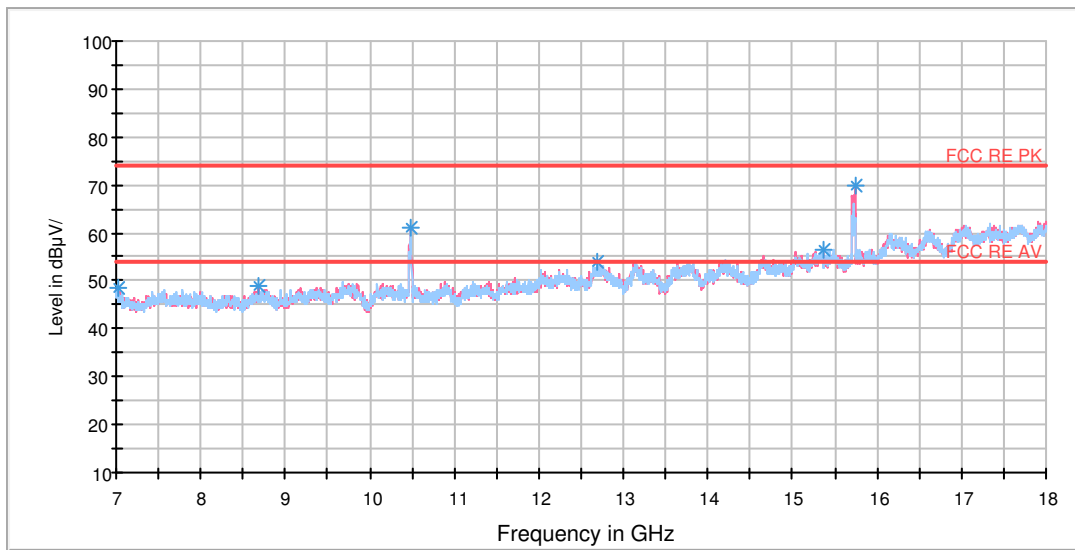
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3374.500000	39.4	100.0	H	216.0	39.9	0.5	34.6	74
3920.500000	40.1	100.0	V	167.0	41.4	1.3	33.9	74
4279.000000	41.1	100.0	V	270.0	42.9	1.8	32.9	74
5540.000000	44.4	100.0	V	126.0	48.5	4.1	29.6	74
5787.000000	43.8	100.0	V	0.0	48.3	4.5	30.2	74
6827.500000	48.1	100.0	V	356.0	56.5	8.4	25.9	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)
3047.500000	27.2	100.0	V	358.0	28.1	0.9	26.8	54
3960.000000	28.2	100.0	V	334.0	30.5	2.3	25.8	54
4501.000000	29.1	100.0	H	0.0	32.0	2.9	24.9	54
5440.500000	33.3	100.0	V	192.0	37.0	3.7	20.7	54
5700.500000	33.4	100.0	V	297.0	38.1	4.7	20.6	54
6156.000000	32.7	100.0	V	297.0	38.4	5.7	21.3	54

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

RE 7-18GHz PK



Radiates Emission from 7GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7013.750000	48.5	101.0	H	43.0	56.8	8.3	25.5	74
8685.750000	48.9	101.0	V	5.0	57.5	8.6	25.1	74
10478.750000	60.9	101.0	V	168.0	71.8	10.9	13.1	74
12689.750000	53.8	101.0	H	22.0	68.4	14.6	20.2	74
15357.250000	56.4	101.0	V	242.0	74.8	18.4	17.6	74
15736.750000	69.9	101.0	V	189.0	89.4	19.5	4.1	74

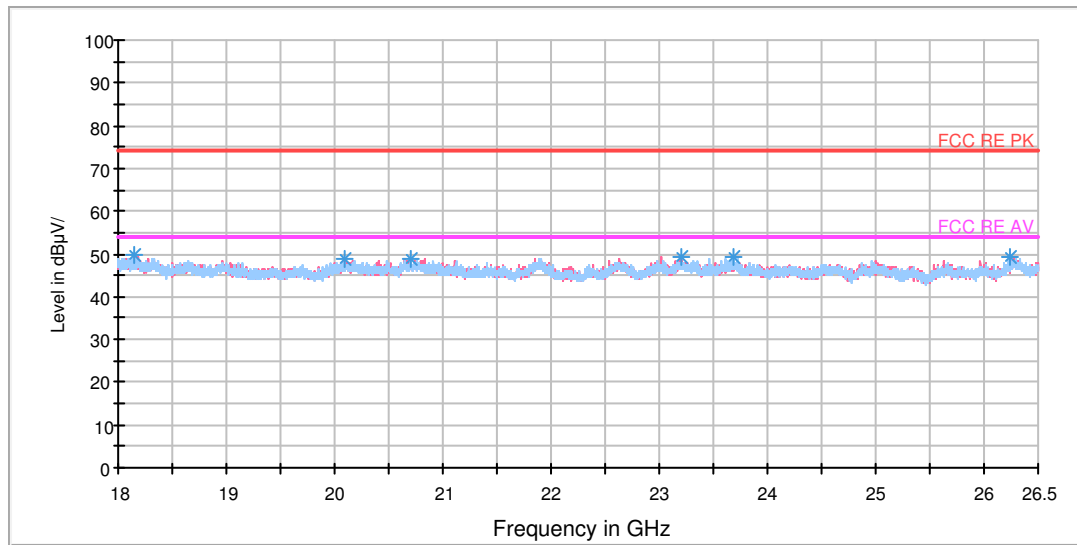
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7000.000000	38.3	102.0	V	180.0	46.8	8.5	15.7	54
9587.750000	38.0	102.0	V	180.0	47.9	9.9	16.0	54
10481.500000	49.3	102.0	V	180.0	60.2	10.9	4.7	54
13138.000000	43.2	102.0	V	180.0	58.6	15.4	10.8	54
15338.000000	45.2	102.0	V	180.0	63.8	18.6	8.8	54
15723.000000	51.5	102.0	V	0.0	71.2	19.7	2.5	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

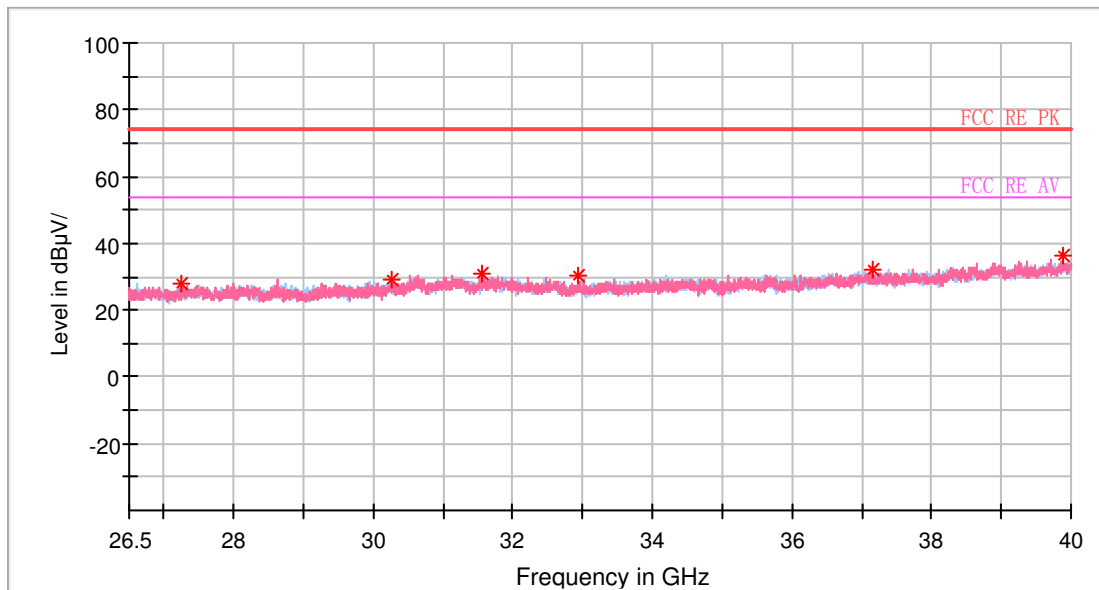
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18148.750000	49.6	V	18.0	52.0	-2.4	24.4	74
20099.500000	48.7	V	0.0	54.5	-5.8	25.3	74
20708.312500	48.8	H	90.0	55.5	-6.7	25.2	74
23196.687500	49.4	V	332.0	55.4	-6.0	24.6	74
23692.875000	49.5	H	1.0	55.4	-5.9	24.5	74
26232.250000	49.3	V	222.0	54.7	-5.4	24.7	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)
18034.000000	37.1	V	0.0	39.0	-1.9	16.9	54
20157.937500	36.4	H	155.0	42.2	-5.8	17.6	54
20780.562500	36.6	V	354.0	43.5	-6.9	17.4	54
21903.625000	36.8	H	67.0	44.8	-8.0	17.2	54
23671.625000	37.0	V	266.0	42.9	-5.9	17.0	54
26298.125000	37.1	H	0.0	42.5	-5.4	16.9	54

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

Full Spectrum



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)
27235.750000	28.1	V	0.0	45.2	-17.1	45.9	74
30253.000000	29.0	H	0.0	46.0	-17.0	45.0	74
31562.500000	31.2	V	0.0	47.1	-15.9	42.8	74
32936.125000	30.6	H	0.0	47.5	-16.9	43.4	74
37144.750000	32.1	H	0.0	48.7	-16.6	41.9	74
39881.875000	36.4	V	0.0	52.3	-15.9	37.6	74

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

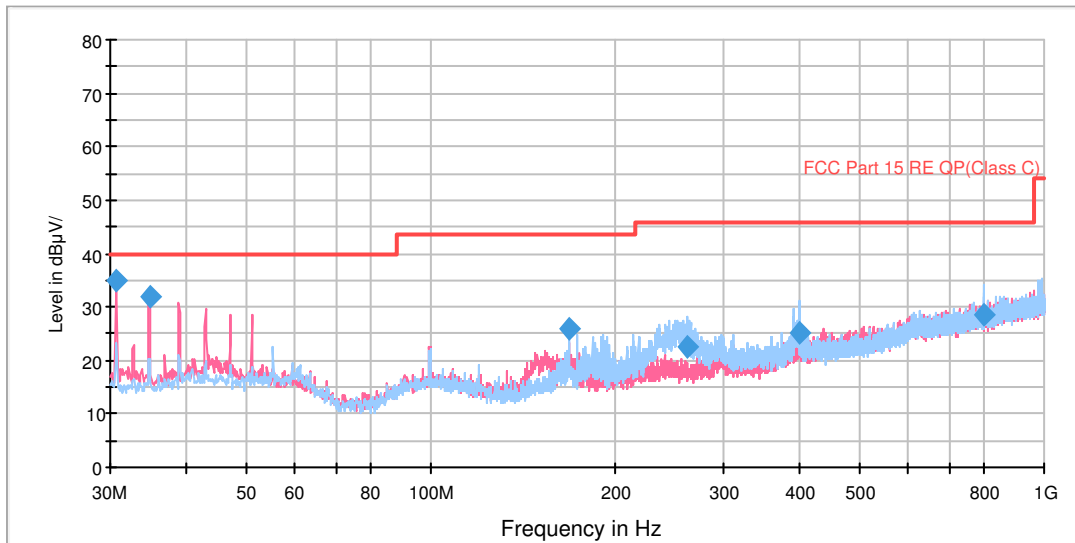
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27532.750000	18.0	H	0.0	35.1	-17.1	36.0	54
30269.875000	18.7	V	0.0	35.6	-16.9	35.3	54
31778.500000	20.5	V	0.0	35.9	-15.4	33.5	54
34556.125000	19.9	V	0.0	36.5	-16.6	34.1	54
37009.750000	21.4	V	0.0	38.0	-16.6	32.6	54
39892.000000	25.5	H	0.0	41.4	-15.9	28.5	54

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



802.11n (HT20) CH52

FCC RE 0.03-1GHz QP Class C

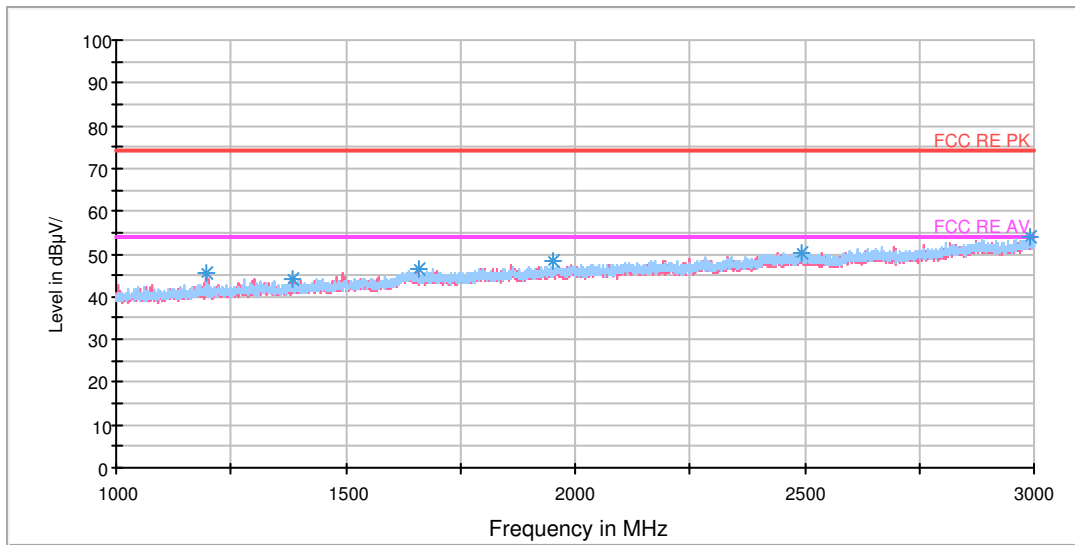


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
30.727500	34.8	100.0	V	111.0	46.7	11.9	5.2	40.0
34.810000	31.8	100.0	V	107.0	43.7	11.9	8.2	40.0
167.982500	26.0	125.0	H	286.0	36.2	10.2	17.5	43.5
261.510000	22.7	114.0	H	72.0	37.1	14.4	23.3	46.0
398.595000	25.3	100.0	H	231.0	43.2	17.9	20.7	46.0
799.285000	28.5	100.0	H	58.0	52.9	24.4	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-3GHz PK+AV



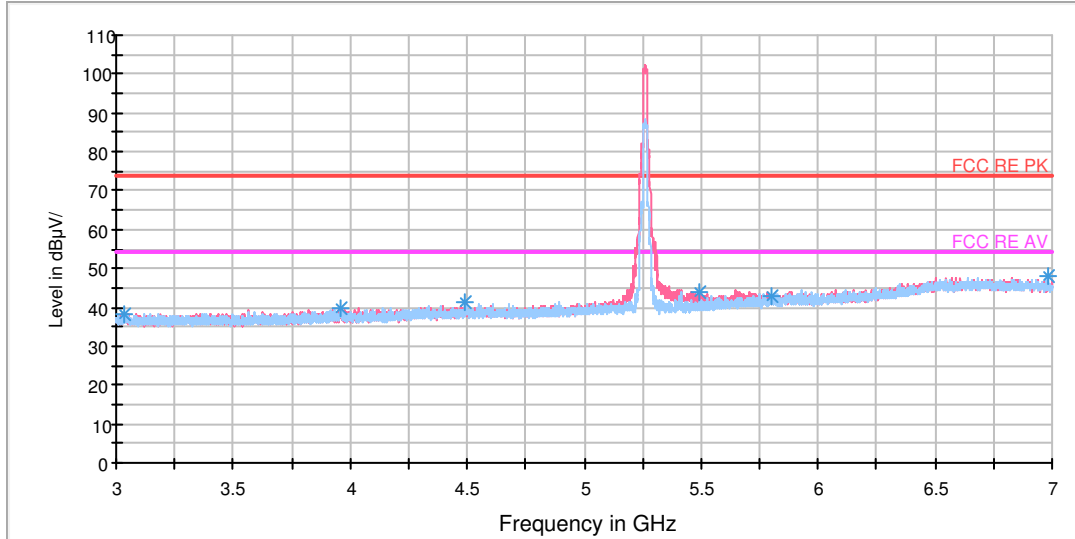
Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1196.500000	45.6	102.0	V	122.0	53.8	-8.2	28.4	74
1385.250000	44.2	102.0	V	0.0	51.2	-7.0	29.8	74
1659.750000	46.5	102.0	H	16.0	51.7	-5.2	27.5	74
1952.000000	48.4	102.0	H	48.0	52.0	-3.6	25.6	74
2492.000000	50.3	102.0	V	0.0	50.6	0.3	23.7	74
2992.750000	54.0	102.0	V	72.0	56.2	2.2	20.0	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1198.000000	33.6	102.0	V	297.0	41.8	-8.2	20.4	54
1296.250000	32.7	102.0	V	34.0	40.5	-7.8	21.3	54
1647.250000	35.2	102.0	V	0.0	40.2	-5.0	18.8	54
2056.500000	36.2	102.0	H	159.0	39.4	-3.2	17.8	54
2488.750000	39.0	102.0	H	64.0	39.2	0.2	15.0	54
2994.750000	45.0	102.0	H	159.0	47.3	2.3	9.0	54

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



Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 7GHz

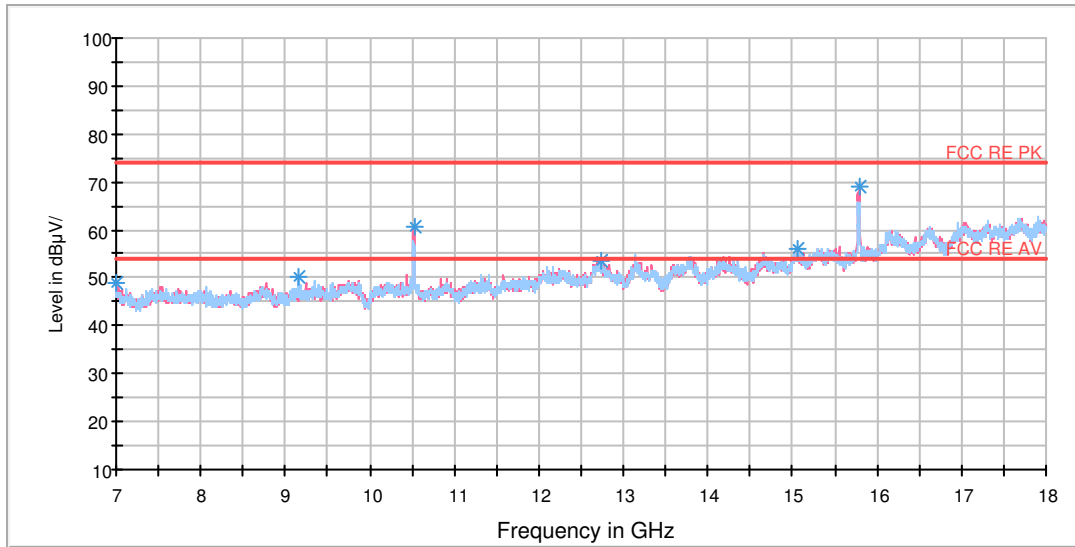
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3034.500000	38.4	100.0	H	0.0	39.2	0.8	35.6	74
3962.000000	39.8	100.0	V	151.0	41.9	2.1	34.2	74
4493.500000	41.2	100.0	H	80.0	43.8	2.6	32.8	74
5491.000000	44.0	100.0	V	125.0	47.8	3.8	30.0	74
5799.000000	43.1	100.0	V	138.0	47.8	4.7	30.9	74
6979.500000	47.8	100.0	H	17.0	55.6	7.8	26.2	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3310.500000	27.0	100.0	V	178.0	27.8	0.8	27.0	54
3960.000000	28.2	100.0	V	125.0	30.5	2.3	25.8	54
4501.000000	28.8	100.0	V	151.0	31.7	2.9	25.2	54
5408.500000	32.8	100.0	V	54.0	36.6	3.8	21.2	54
5664.500000	32.1	100.0	V	111.0	36.6	4.5	21.9	54
6893.000000	36.0	100.0	V	180.0	44.4	8.4	18.0	54

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

RE 7-18GHz PK



Radiates Emission from 7GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7000.000000	48.8	101.0	H	246.0	57.3	8.5	25.2	74
9161.500000	50.1	101.0	H	0.0	59.0	8.9	23.9	74
10522.750000	60.8	101.0	V	340.0	71.3	10.5	13.2	74
12747.500000	53.6	101.0	H	213.0	68.1	14.5	20.4	74
15052.000000	56.1	101.0	H	40.0	74.6	18.5	17.9	74
15797.250000	68.9	101.0	V	192.0	88.7	19.8	5.1	74

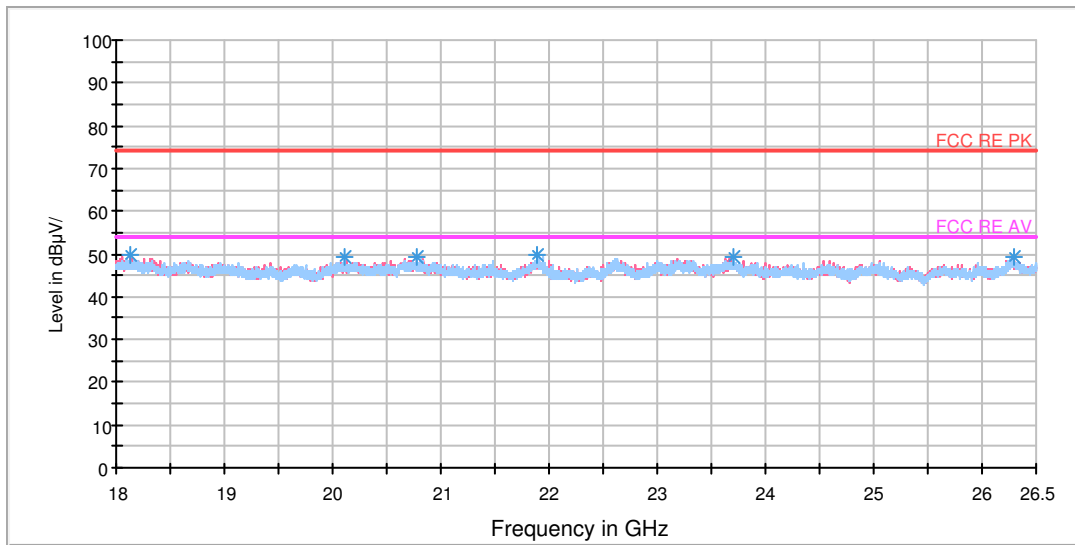
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7000.000000	38.3	102.0	V	180.0	46.8	8.5	15.7	54
9587.750000	38.0	102.0	V	180.0	47.9	9.9	16.0	54
10520.000000	49.2	102.0	V	180.0	59.7	10.5	4.8	54
13138.000000	43.2	102.0	V	180.0	58.6	15.4	10.8	54
15338.000000	45.3	102.0	V	180.0	63.9	18.6	8.7	54
15783.500000	52.2	102.0	V	0.0	72.2	20.0	1.8	54

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



RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

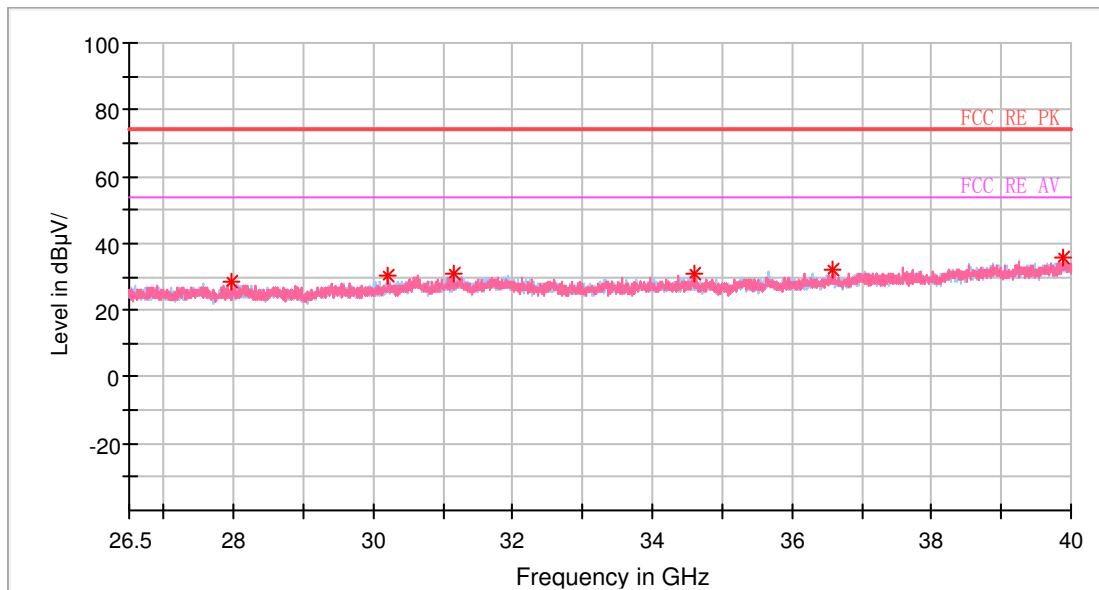
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18137.062500	49.6	V	0.0	52.0	-2.4	24.4	74
20105.875000	49.3	H	28.0	55.1	-5.8	24.7	74
20785.875000	49.2	V	42.0	56.1	-6.9	24.8	74
21884.500000	49.7	V	331.0	57.7	-8.0	24.3	74
23710.937500	49.2	H	94.0	55.1	-5.9	24.8	74
26301.312500	49.3	V	200.0	54.7	-5.4	24.7	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)
18064.812500	37.3	H	28.0	39.4	-2.1	16.7	54
20087.812500	36.4	H	249.0	42.1	-5.7	17.6	54
20735.937500	36.7	H	117.0	43.5	-6.8	17.3	54
23198.812500	36.9	V	0.0	42.9	-6.0	17.1	54
23697.125000	36.8	V	222.0	42.7	-5.9	17.2	54
26270.500000	37.1	H	204.0	42.5	-5.4	16.9	54

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

Full Spectrum



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)
27961.375000	28.4	V	0.0	45.1	-16.7	45.6	74
30195.625000	30.5	V	0.0	47.6	-17.1	43.5	74
31147.375000	30.8	H	0.0	46.7	-15.9	43.2	74
34603.375000	30.8	V	0.0	47.5	-16.7	43.2	74
36571.000000	32.3	H	0.0	48.9	-16.6	41.7	74
39898.750000	35.9	V	0.0	51.8	-15.9	38.1	74

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

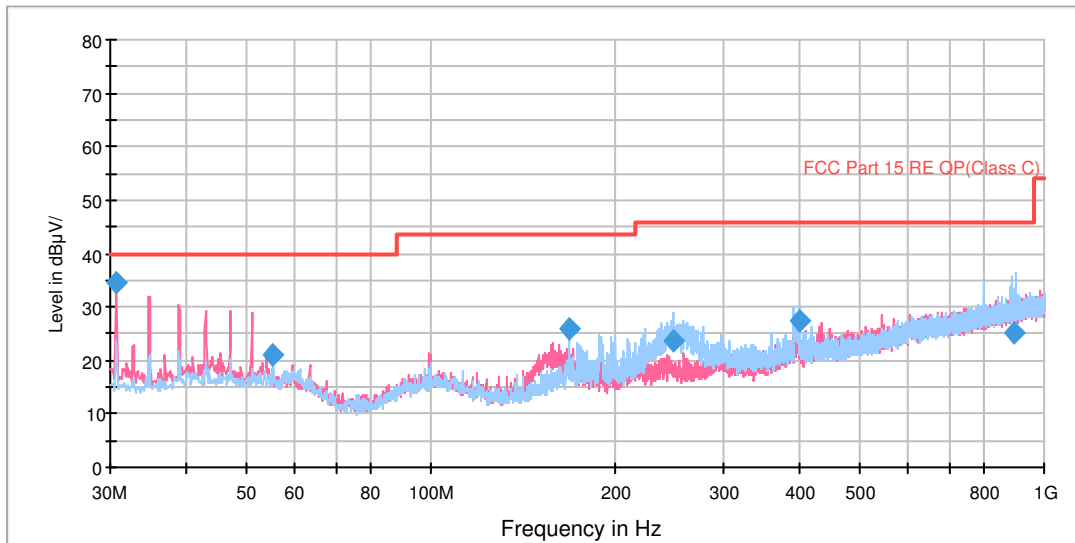
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27542.875000	18.1	V	0.0	35.2	-17.1	35.9	54
30219.250000	18.8	H	0.0	35.8	-17.0	35.2	54
31765.000000	20.2	V	0.0	35.6	-15.4	33.8	54
34782.250000	20.0	V	0.0	36.8	-16.8	34.0	54
37033.375000	21.9	H	0.0	38.5	-16.6	32.1	54
39986.500000	25.3	V	0.0	41.2	-15.9	28.7	54

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



802.11n (HT20) CH60

FCC RE 0.03-1GHz QP Class C



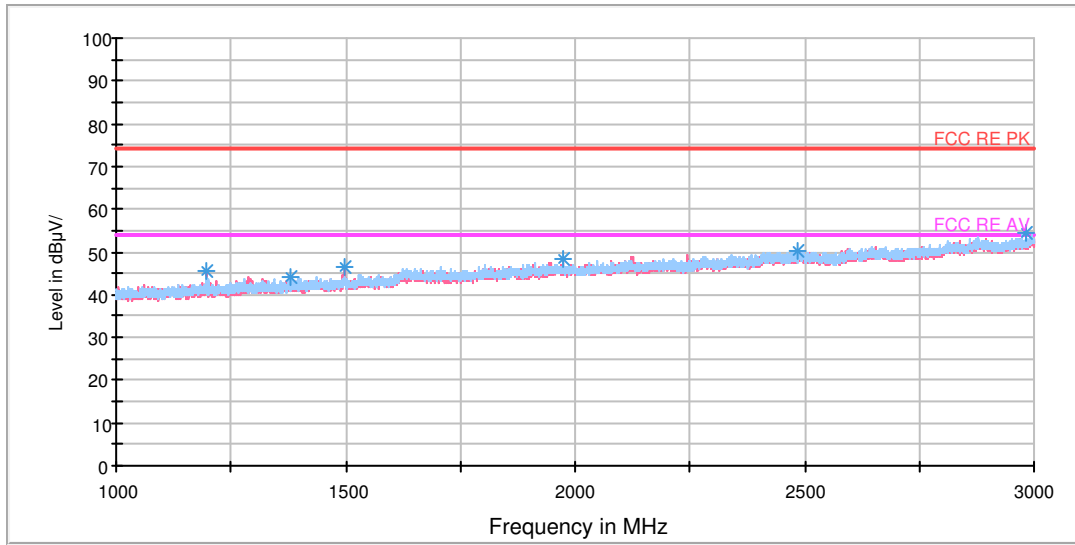
Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
30.727500	34.4	100.0	V	120.0	46.3	11.9	5.6	40.0
55.301250	21.0	125.0	H	83.0	33.7	12.7	19.0	40.0
167.982500	26.0	125.0	H	286.0	36.2	10.2	17.5	43.5
249.461250	23.6	111.0	H	180.0	37.7	14.1	22.4	46.0
399.532500	27.2	100.0	H	240.0	45.1	17.9	18.8	46.0
896.580000	25.2	100.0	H	52.0	50.7	25.5	20.8	46.0

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



RE 1G-3GHz PK+AV



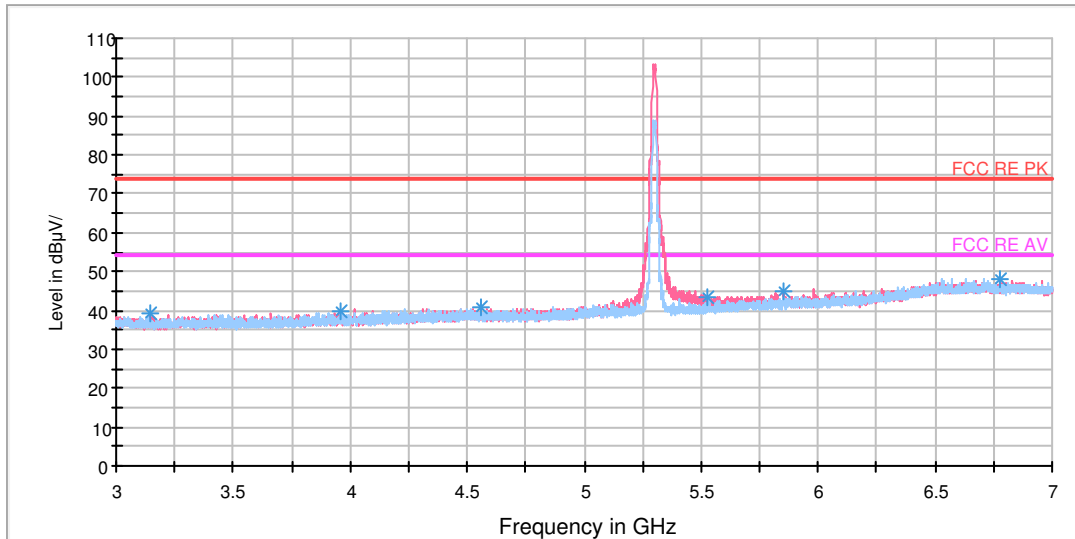
Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1196.750000	45.7	102.0	V	297.0	53.9	-8.2	28.3	74
1379.750000	44.3	102.0	V	73.0	51.3	-7.0	29.7	74
1497.250000	46.4	102.0	V	265.0	53.1	-6.7	27.6	74
1974.500000	48.2	102.0	V	73.0	51.8	-3.6	25.8	74
2485.000000	50.4	102.0	H	327.0	50.5	-0.1	23.6	74
2981.250000	54.7	102.0	H	66.0	56.9	2.2	19.3	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1197.750000	32.8	102.0	V	123.0	41.0	-8.2	21.2	54
1288.750000	32.4	102.0	V	0.0	40.1	-7.7	21.6	54
1647.250000	35.1	102.0	V	234.0	40.1	-5.0	18.9	54
1962.750000	36.1	102.0	H	226.0	39.4	-3.3	17.9	54
2486.500000	39.1	102.0	H	242.0	39.2	0.1	14.9	54
2994.750000	45.4	102.0	H	327.0	47.7	2.3	8.6	54

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



Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 7GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3141.500000	39.3	100.0	V	55.0	39.7	0.4	34.7	74
3956.000000	39.5	100.0	V	180.0	41.3	1.8	34.5	74
4559.500000	40.8	100.0	V	180.0	43.1	2.3	33.2	74
5523.500000	43.4	100.0	V	69.0	47.4	4.0	30.6	74
5850.000000	45.0	100.0	V	39.0	50.1	5.1	29.0	74
6778.500000	48.2	100.0	V	180.0	56.8	8.6	25.8	74

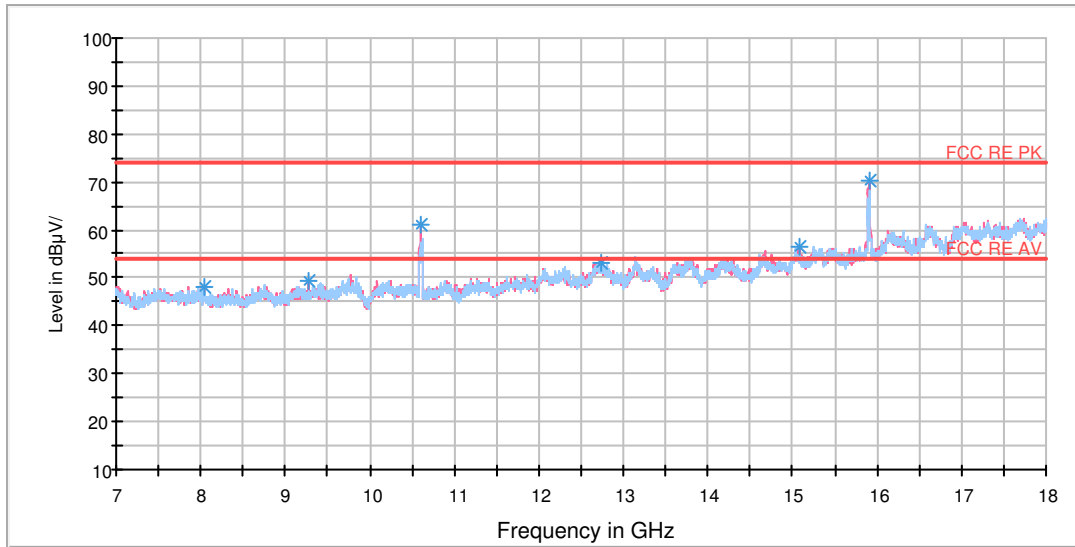
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3040.500000	27.1	100.0	V	180.0	27.9	0.8	26.9	54
3960.000000	28.1	100.0	V	180.0	30.4	2.3	25.9	54
4387.000000	28.7	100.0	V	84.0	31.2	2.5	25.3	54
4815.500000	28.6	100.0	V	180.0	31.1	2.5	25.4	54
5470.000000	33.1	100.0	V	180.0	37.3	4.2	20.9	54
6890.000000	36.0	100.0	H	6.0	44.5	8.5	18.0	54

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



RE 7-18GHz PK



Radiates Emission from 7GHz to 18GHz

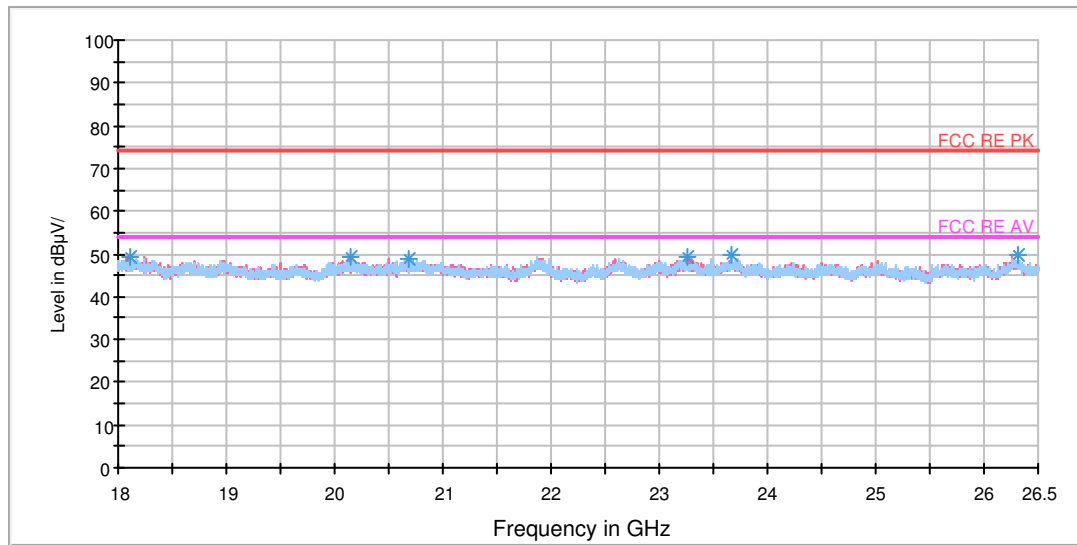
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
8031.250000	48.3	101.0	H	17.0	55.6	7.3	25.7	74
9282.500000	49.3	101.0	V	167.0	58.3	9.0	24.7	74
10599.750000	61.1	101.0	V	337.0	71.2	10.1	12.9	74
12742.000000	53.0	101.0	H	274.0	67.5	14.5	21.0	74
15079.500000	56.6	101.0	V	294.0	75.3	18.7	17.4	74
15918.250000	70.2	101.0	V	0.0	90.4	20.2	3.8	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)
7000.000000	38.3	102.0	V	180.0	46.8	8.5	15.7	54
9587.750000	38.0	102.0	V	0.0	47.9	9.9	16.0	54
10599.750000	49.1	102.0	V	180.0	59.2	10.1	4.9	54
13138.000000	43.2	102.0	V	180.0	58.6	15.4	10.8	54
15335.250000	45.2	102.0	V	0.0	63.7	18.5	8.8	54
15901.750000	53.4	102.0	V	0.0	73.5	20.1	0.6	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

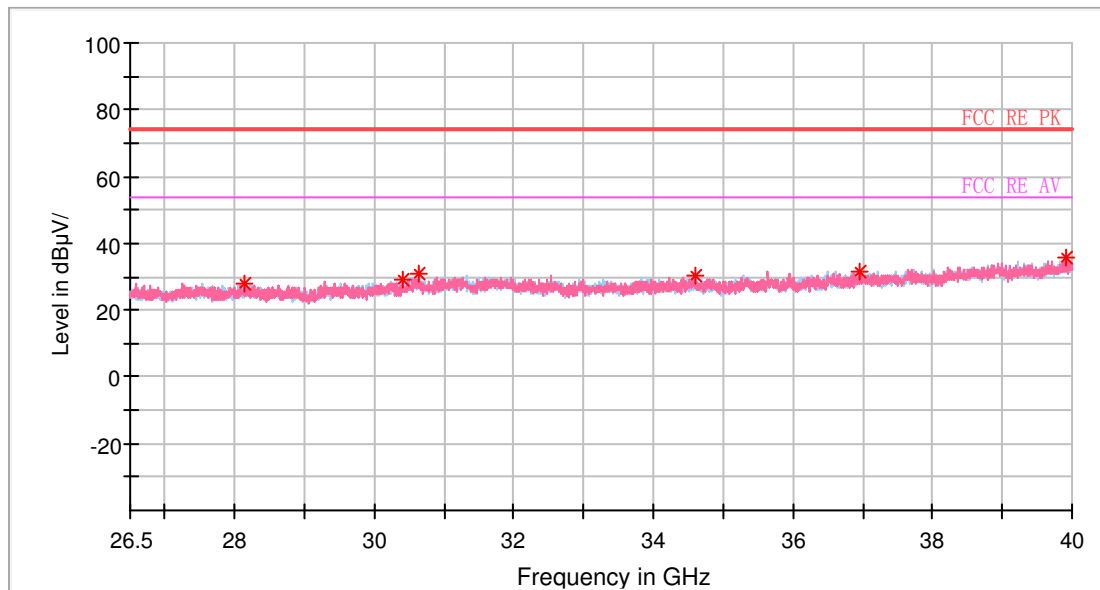
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18114.750000	49.2	V	65.0	51.5	-2.3	24.8	74
20153.687500	49.1	V	352.0	54.9	-5.8	24.9	74
20680.687500	48.7	H	28.0	55.3	-6.6	25.3	74
23255.125000	49.2	V	265.0	55.2	-6.0	24.8	74
23665.250000	49.5	H	136.0	55.4	-5.9	24.5	74
26314.062500	49.6	H	317.0	55.0	-5.4	24.4	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)
18064.812500	37.2	V	88.0	39.3	-2.1	16.8	54
20088.875000	36.5	H	49.0	42.2	-5.7	17.5	54
20663.687500	36.6	V	352.0	43.2	-6.6	17.4	54
21900.437500	37.0	H	71.0	45.0	-8.0	17.0	54
23670.562500	36.9	V	199.0	42.8	-5.9	17.1	54
26284.312500	37.0	V	111.0	42.4	-5.4	17.0	54

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

Full Spectrum



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)
28150.375000	27.9	H	0.0	44.3	-16.4	46.1	74
30394.750000	29.1	H	0.0	45.7	-16.6	44.9	74
30647.875000	30.7	H	0.0	47.1	-16.4	43.3	74
34600.000000	30.1	H	0.0	46.8	-16.7	43.9	74
36959.125000	31.7	V	0.0	48.3	-16.6	42.3	74
39905.500000	35.5	H	0.0	51.4	-15.9	38.5	74

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

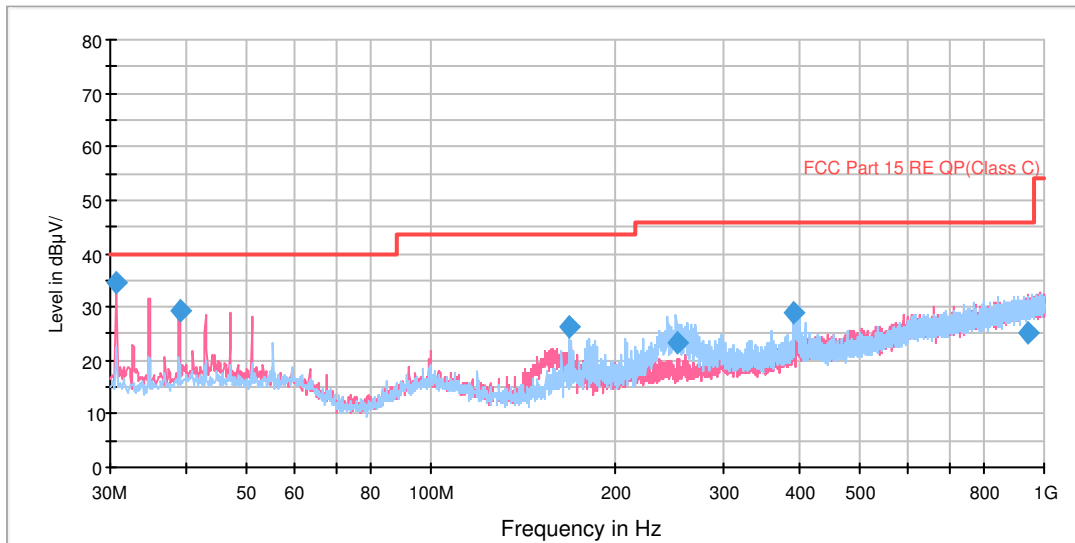
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27279.625000	17.7	V	0.0	34.7	-17.0	36.3	54
30286.750000	19.0	H	0.0	35.9	-16.9	35.0	54
31869.625000	20.4	V	0.0	35.9	-15.5	33.6	54
34431.250000	19.9	V	0.0	36.4	-16.5	34.1	54
37340.500000	21.6	H	0.0	38.1	-16.5	32.4	54
39979.750000	25.5	H	0.0	41.4	-15.9	28.5	54

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



802.11n (HT20) CH64

FCC RE 0.03-1GHz QP Class C

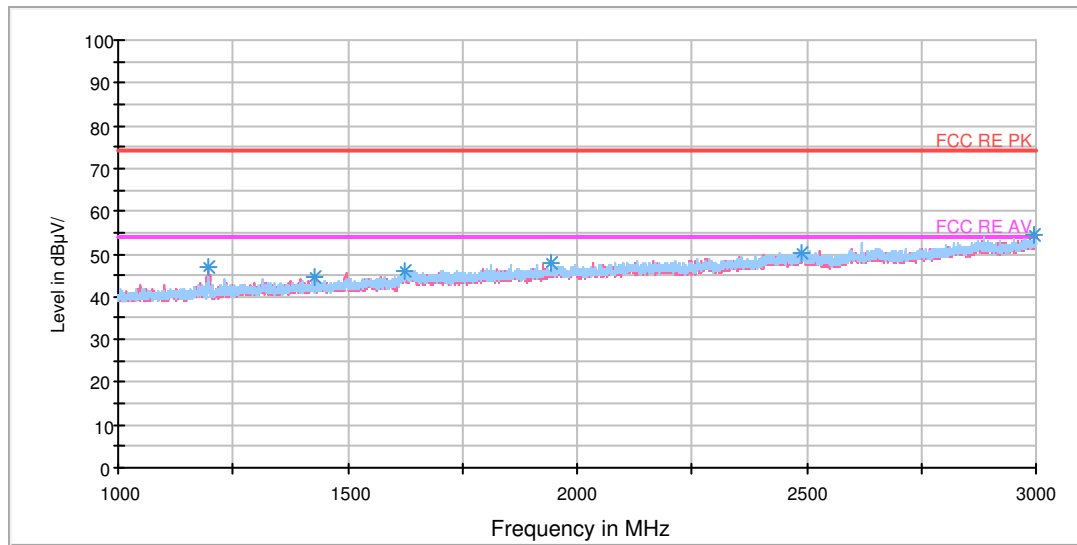


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
30.727500	34.6	100.0	V	105.0	46.5	11.9	5.4	40.0
38.932500	29.1	100.0	V	119.0	42.0	12.9	10.9	40.0
167.982500	26.3	125.0	H	284.0	36.5	10.2	17.2	43.5
251.641250	23.2	114.0	H	179.0	37.4	14.2	22.8	46.0
391.085000	29.1	100.0	H	179.0	46.8	17.7	16.9	46.0
943.092500	25.3	100.0	V	0.0	51.3	26.0	20.7	46.0

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

RE 1G-3GHz PK+AV



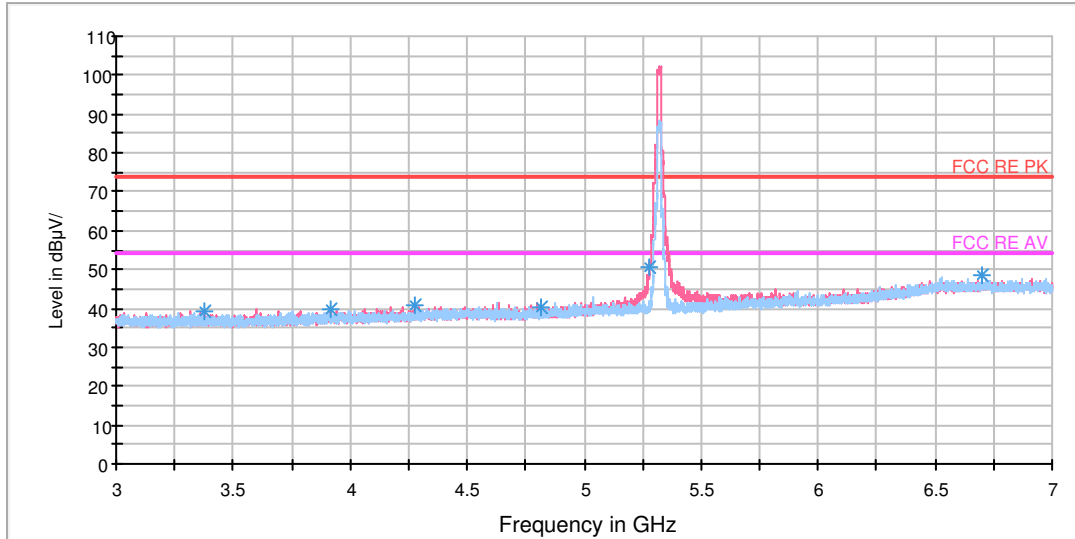
Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1197.750000	46.8	102.0	V	296.0	55.0	-8.2	27.2	74
1429.000000	44.5	102.0	H	0.0	51.4	-6.9	29.5	74
1626.250000	46.1	102.0	H	0.0	50.9	-4.8	27.9	74
1944.750000	48.0	102.0	H	0.0	51.3	-3.3	26.0	74
2491.000000	50.4	102.0	V	52.0	50.7	0.3	23.6	74
2994.750000	54.5	102.0	H	176.0	56.8	2.3	19.5	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1195.500000	32.5	102.0	V	120.0	40.7	-8.2	21.5	54
1297.750000	32.9	102.0	V	264.0	40.7	-7.8	21.1	54
1647.250000	35.2	102.0	V	358.0	40.2	-5.0	18.8	54
2045.000000	36.1	102.0	H	0.0	39.3	-3.2	17.9	54
2489.250000	38.9	102.0	H	31.0	39.2	0.3	15.1	54
2994.750000	45.7	102.0	H	176.0	48.0	2.3	8.3	54

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



Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 7GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3375.000000	39.3	100.0	V	98.0	39.8	0.5	34.7	74
3912.500000	39.7	100.0	V	175.0	41.3	1.6	34.3	74
4276.000000	40.6	100.0	V	180.0	42.4	1.8	33.4	74
4813.500000	40.3	100.0	H	97.0	42.7	2.4	33.7	74
5276.000000	50.6	100.0	V	98.0	53.8	3.2	23.4	74
6703.500000	48.3	100.0	H	82.0	56.7	8.4	25.7	74

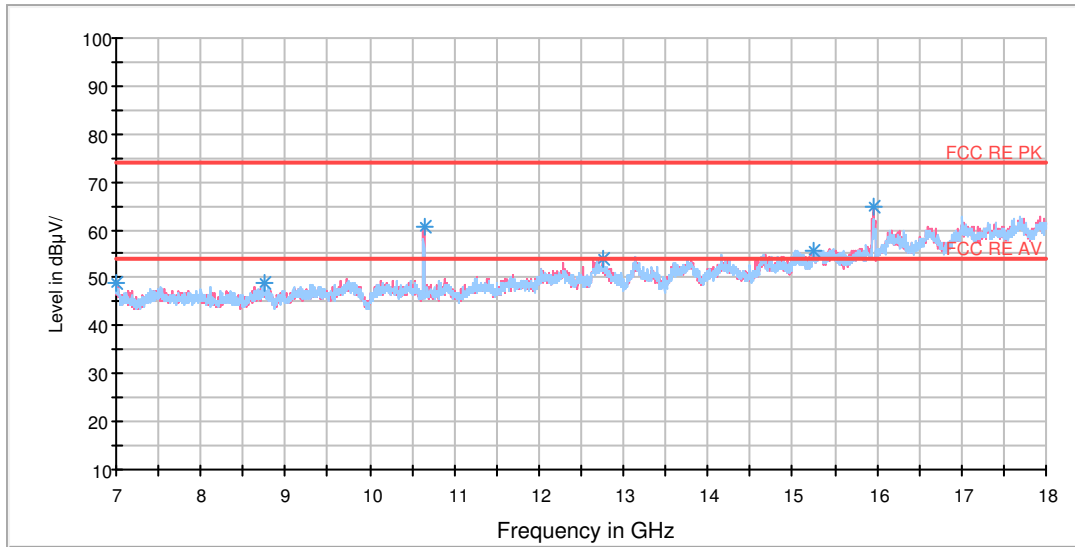
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3028.000000	27.0	100.0	V	179.0	27.7	0.7	27.0	54
3959.500000	28.1	100.0	V	180.0	30.3	2.2	25.9	54
4501.000000	28.9	100.0	V	180.0	31.8	2.9	25.1	54
4791.500000	28.5	100.0	V	40.0	30.8	2.3	25.5	54
5175.500000	30.9	100.0	V	167.0	34.6	3.7	23.1	54
6726.500000	36.1	100.0	H	0.0	44.7	8.6	17.9	54

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



RE 7-18GHz PK



Radiates Emission from 7GHz to 18GHz

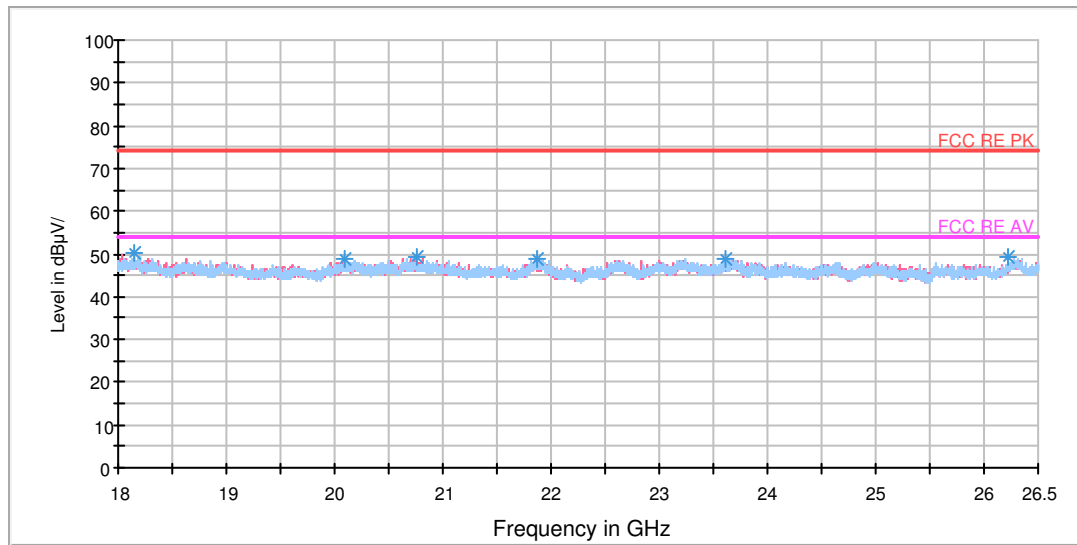
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7002.750000	48.9	101.0	H	171.0	57.4	8.5	25.1	74
8762.750000	48.9	101.0	V	128.0	57.6	8.7	25.1	74
10643.750000	60.7	101.0	V	5.0	71.1	10.4	13.3	74
12750.250000	53.9	101.0	V	294.0	68.5	14.6	20.1	74
15261.000000	55.7	101.0	H	21.0	74.2	18.5	18.3	74
15962.250000	64.9	101.0	V	350.0	84.9	20.0	9.1	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)
7000.000000	38.3	102.0	V	180.0	46.8	8.5	15.7	54
9587.750000	38.0	102.0	V	180.0	47.9	9.9	16.0	54
10641.000000	49.7	102.0	V	0.0	60.1	10.4	4.3	54
13138.000000	43.1	102.0	V	180.0	58.5	15.4	10.9	54
15338.000000	45.3	102.0	V	0.0	63.9	18.6	8.7	54
15962.250000	52.2	102.0	V	180.0	72.2	20.0	1.8	54

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

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18148.750000	50.2	H	117.0	52.6	-2.4	23.8	74
20099.500000	48.9	H	182.0	54.7	-5.8	25.1	74
20759.312500	49.1	V	88.0	55.9	-6.8	24.9	74
21879.187500	48.8	V	249.0	56.8	-8.0	25.2	74
23615.312500	49.1	H	29.0	55.0	-5.9	24.9	74
26228.000000	49.4	V	0.0	54.8	-5.4	24.6	74

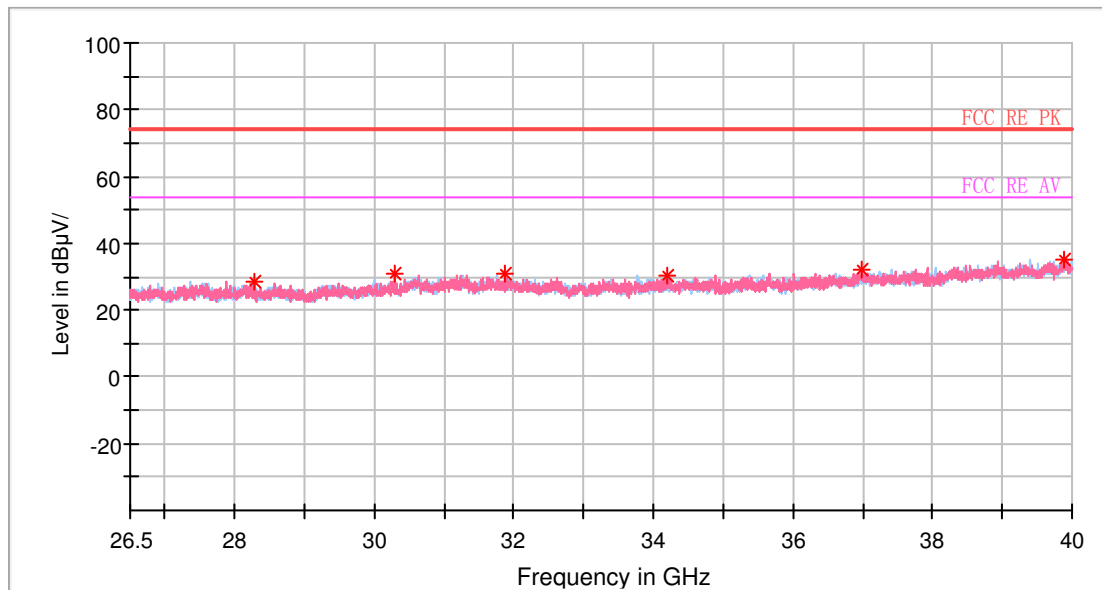
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18098.812500	37.0	V	0.0	39.2	-2.2	17.0	54
20092.062500	36.4	H	51.0	42.2	-5.8	17.6	54
20663.687500	36.5	H	51.0	43.1	-6.6	17.5	54
21886.625000	36.9	H	8.0	44.9	-8.0	17.1	54
23667.375000	36.9	H	29.0	42.8	-5.9	17.1	54
26277.937500	37.1	H	160.0	42.5	-5.4	16.9	54

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



Full Spectrum



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)
28268.500000	28.3	V	0.0	44.9	-16.6	45.7	74
30290.125000	30.7	V	0.0	47.6	-16.9	43.3	74
31873.000000	30.6	H	0.0	46.1	-15.5	43.4	74
34198.375000	30.2	H	0.0	46.8	-16.6	43.8	74
36996.250000	32.1	H	0.0	48.7	-16.6	41.9	74
39898.750000	35.0	H	0.0	50.9	-15.9	39.0	74

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

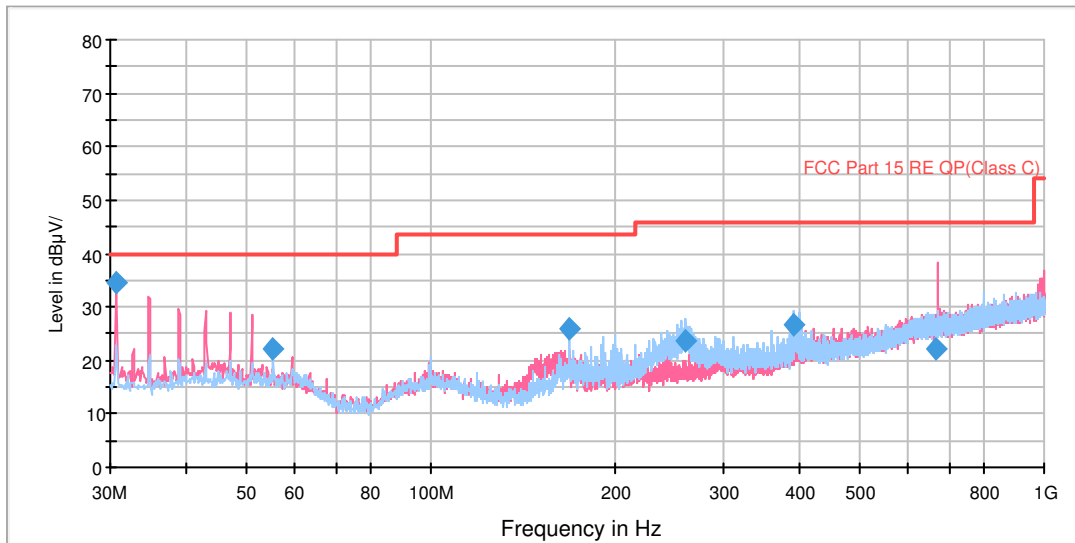
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28123.375000	17.9	H	0.0	34.4	-16.5	36.1	54
30215.875000	18.7	V	0.0	35.8	-17.1	35.3	54
31245.250000	20.5	V	0.0	36.6	-16.1	33.5	54
34475.125000	19.8	H	0.0	36.3	-16.5	34.2	54
37340.500000	21.7	H	0.0	38.2	-16.5	32.3	54
39865.000000	25.5	H	0.0	41.4	-15.9	28.5	54

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



802.11n (HT20) CH100

FCC RE 0.03-1GHz QP Class C



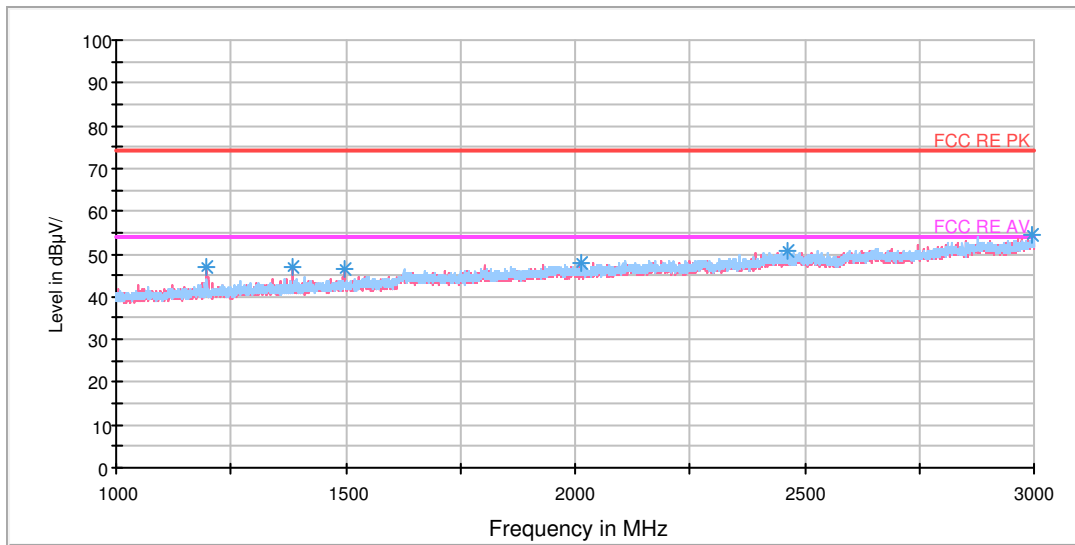
Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
30.727500	34.4	100.0	V	100.0	46.3	11.9	5.6	40.0
55.300000	22.1	125.0	H	95.0	34.8	12.7	17.9	40.0
168.022500	26.0	125.0	H	280.0	36.2	10.2	17.5	43.5
260.457500	23.6	100.0	H	165.0	38.0	14.4	22.4	46.0
391.081250	26.6	100.0	H	187.0	44.3	17.7	19.4	46.0
668.587500	22.0	100.0	V	345.0	44.7	22.7	24.0	46.0

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



RE 1G-3GHz PK+AV



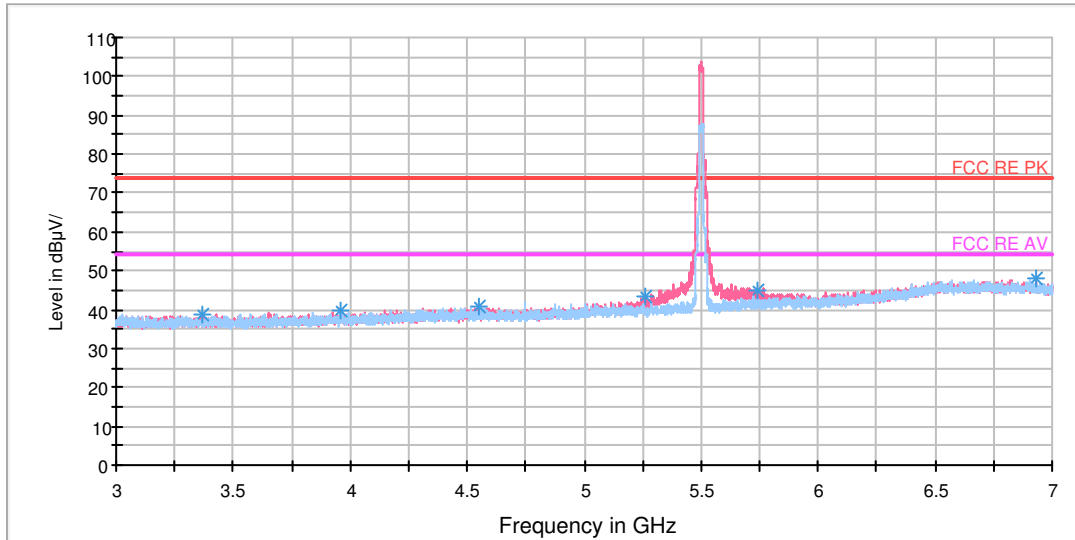
Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1197.250000	46.9	102.0	V	296.0	55.1	-8.2	27.1	74
1384.500000	46.7	102.0	V	248.0	53.7	-7.0	27.3	74
1498.250000	46.5	102.0	V	33.0	53.2	-6.7	27.5	74
2012.500000	47.8	102.0	H	109.0	51.3	-3.5	26.2	74
2463.250000	50.5	102.0	H	206.0	51.0	-0.5	23.5	74
2994.750000	54.3	102.0	H	327.0	56.6	2.3	19.7	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1197.750000	31.7	102.0	V	122.0	39.9	-8.2	22.3	54
1430.500000	32.4	102.0	H	0.0	39.3	-6.9	21.6	54
1647.000000	35.4	102.0	V	0.0	40.4	-5.0	18.6	54
2077.000000	36.2	102.0	H	222.0	39.2	-3.0	17.8	54
2493.750000	39.0	102.0	H	256.0	39.2	0.2	15.0	54
2994.750000	45.9	102.0	H	327.0	48.2	2.3	8.1	54

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



Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 7GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3371.000000	38.8	100.0	V	180.0	39.3	0.5	35.2	74
3962.000000	39.8	100.0	H	125.0	41.9	2.1	34.2	74
4552.500000	40.6	100.0	H	9.0	42.9	2.3	33.4	74
5262.000000	43.6	100.0	V	180.0	47.0	3.4	30.4	74
5740.000000	45.0	100.0	V	84.0	49.9	4.9	29.0	74
6930.000000	47.8	100.0	V	39.0	56.0	8.2	26.2	74

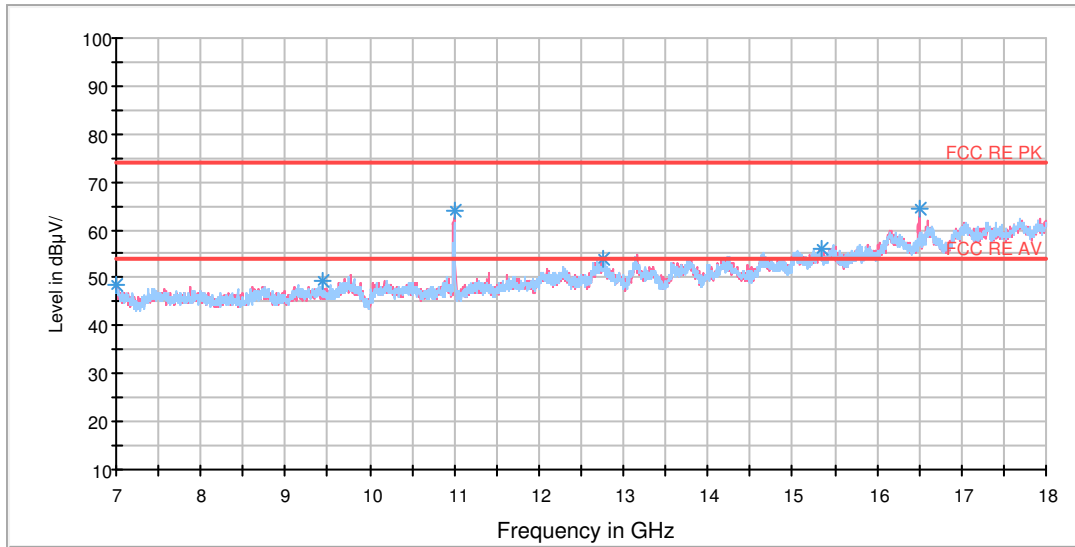
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3051.000000	27.0	100.0	V	172.0	27.9	0.9	27.0	54
3961.000000	28.2	100.0	V	167.0	30.4	2.2	25.8	54
4387.500000	28.8	100.0	H	68.0	31.3	2.5	25.2	54
5277.500000	31.5	100.0	V	180.0	34.8	3.3	22.5	54
5715.000000	33.6	100.0	V	98.0	38.2	4.6	20.4	54
6889.500000	36.0	100.0	H	35.0	44.5	8.5	18.0	54

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



RE 7-18GHz PK



Radiates Emission from 7GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7005.500000	48.5	101.0	V	80.0	56.9	8.4	25.5	74
9450.250000	49.3	101.0	H	31.0	59.2	9.9	24.7	74
10998.500000	64.1	101.0	V	350.0	73.8	9.7	9.9	74
12753.000000	54.1	101.0	H	31.0	68.7	14.6	19.9	74
15338.000000	56.2	101.0	V	199.0	74.8	18.6	17.8	74
16504.000000	64.4	101.0	V	350.0	85.9	21.5	9.6	74

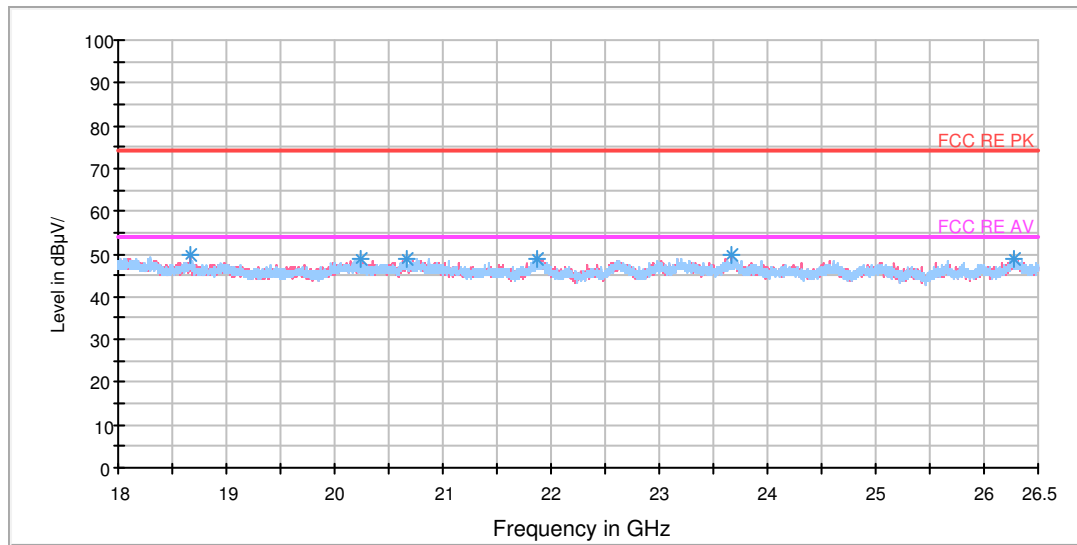
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7000.000000	38.3	102.0	V	180.0	46.8	8.5	15.7	54
9587.750000	38.0	102.0	V	180.0	47.9	9.9	16.0	54
11001.250000	53.5	102.0	V	180.0	63.2	9.7	0.5	54
13135.250000	43.1	102.0	V	180.0	58.3	15.2	10.9	54
15329.750000	45.3	102.0	V	180.0	63.7	18.4	8.7	54
17705.750000	51.9	102.0	V	180.0	76.7	24.8	2.1	54

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



RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18669.375000	49.6	V	333.0	53.9	-4.3	24.4	74
20241.875000	48.8	H	0.0	54.7	-5.9	25.2	74
20661.562500	49.0	H	0.0	55.6	-6.6	25.0	74
21878.125000	49.0	V	0.0	57.0	-8.0	25.0	74
23671.625000	49.8	V	333.0	55.7	-5.9	24.2	74
26282.187500	49.0	V	266.0	54.4	-5.4	25.0	74

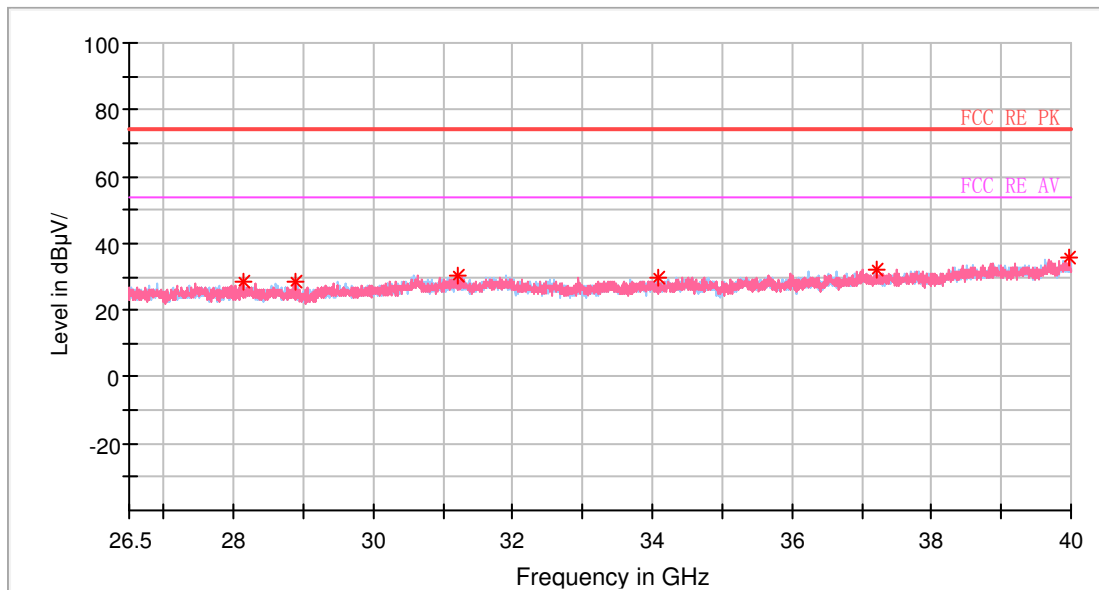
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18098.812500	37.2	V	66.0	39.4	-2.2	16.8	54
20075.062500	36.5	V	0.0	42.2	-5.7	17.5	54
20785.875000	36.7	V	200.0	43.6	-6.9	17.3	54
21897.250000	37.0	H	0.0	45.0	-8.0	17.0	54
23675.875000	36.8	V	266.0	42.7	-5.9	17.2	54
26290.687500	36.9	V	222.0	42.3	-5.4	17.1	54

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

v

Full Spectrum



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)
28123.375000	28.2	V	0.0	44.7	-16.5	45.8	74
28876.000000	28.3	V	0.0	45.8	-17.5	45.7	74
31218.250000	30.5	H	0.0	46.5	-16.0	43.5	74
34080.250000	29.8	H	0.0	46.5	-16.7	44.2	74
37212.250000	32.3	V	0.0	48.9	-16.6	41.7	74
39983.125000	35.8	V	0.0	51.7	-15.9	38.2	74

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

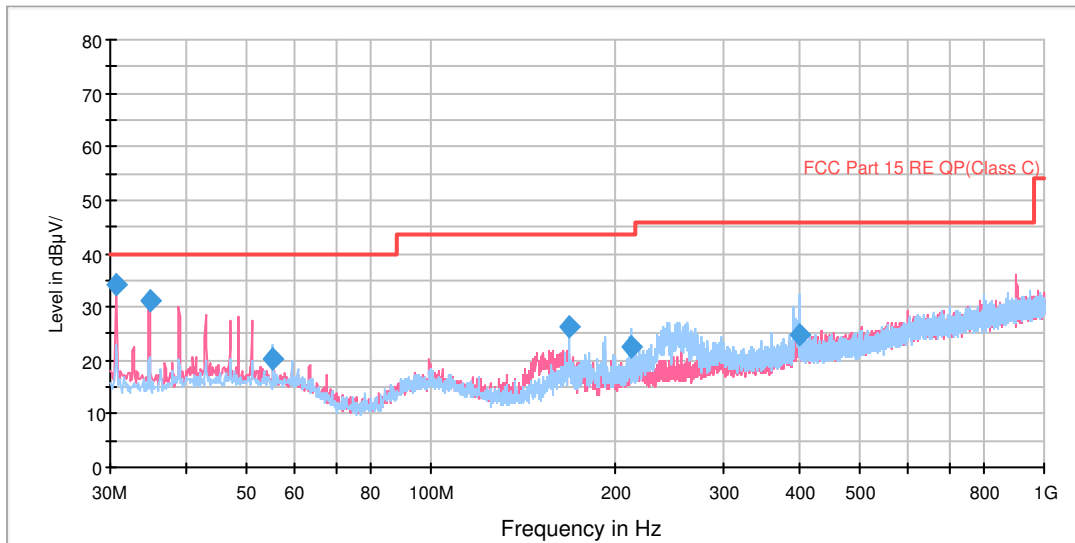
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28130.125000	18.1	H	0.0	34.6	-16.5	35.9	54
30256.375000	19.2	H	0.0	36.2	-17.0	34.8	54
31609.750000	20.5	V	0.0	36.2	-15.7	33.5	54
34556.125000	20.1	H	0.0	36.7	-16.6	33.9	54
36992.875000	22.1	H	0.0	38.7	-16.6	31.9	54
39844.750000	25.1	V	0.0	41.0	-15.9	28.9	54

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



802.11n (HT20) CH116

FCC RE 0.03-1GHz QP Class C

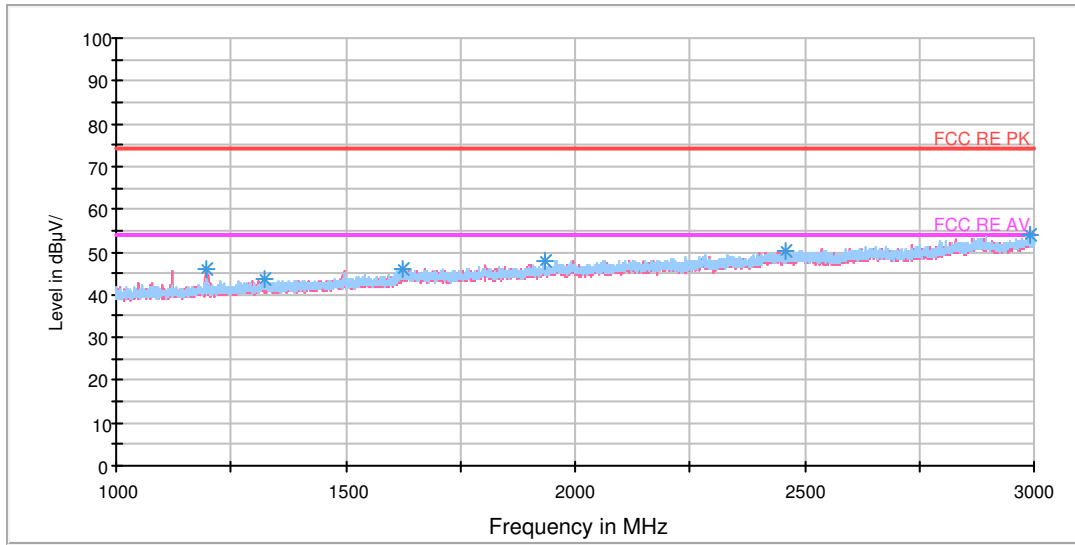


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
30.727500	34.2	100.0	V	105.0	46.1	11.9	5.8	40.0
34.810000	31.0	100.0	V	109.0	42.9	11.9	9.0	40.0
55.300000	20.3	125.0	H	94.0	33.0	12.7	19.7	40.0
167.982500	26.1	125.0	H	281.0	36.3	10.2	17.4	43.5
212.117500	22.4	125.0	H	99.0	35.0	12.6	21.1	43.5
399.088750	24.6	100.0	H	224.0	42.5	17.9	21.4	46.0

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

RE 1G-3GHz PK+AV



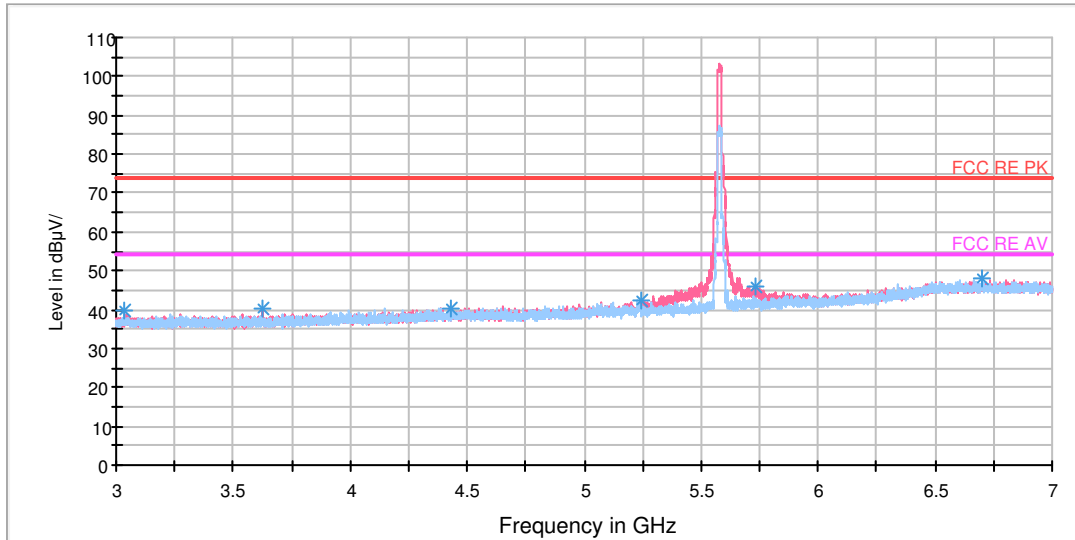
Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1194.500000	45.9	102.0	V	125.0	54.1	-8.2	28.1	74
1325.000000	43.7	102.0	H	66.0	51.1	-7.4	30.3	74
1625.500000	46.1	102.0	H	19.0	50.9	-4.8	27.9	74
1934.750000	48.0	102.0	H	51.0	51.8	-3.8	26.0	74
2457.750000	50.5	102.0	H	0.0	51.0	-0.5	23.5	74
2991.250000	54.1	102.0	H	113.0	56.3	2.2	19.9	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1195.250000	32.2	102.0	V	297.0	40.4	-8.2	21.8	54
1322.000000	33.1	102.0	V	251.0	40.4	-7.3	20.9	54
1647.000000	35.1	102.0	V	219.0	40.1	-5.0	18.9	54
2073.000000	36.2	102.0	H	66.0	39.3	-3.1	17.8	54
2489.500000	39.2	102.0	H	225.0	39.5	0.3	14.8	54
2994.750000	45.7	102.0	H	258.0	48.0	2.3	8.3	54

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



Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 7GHz

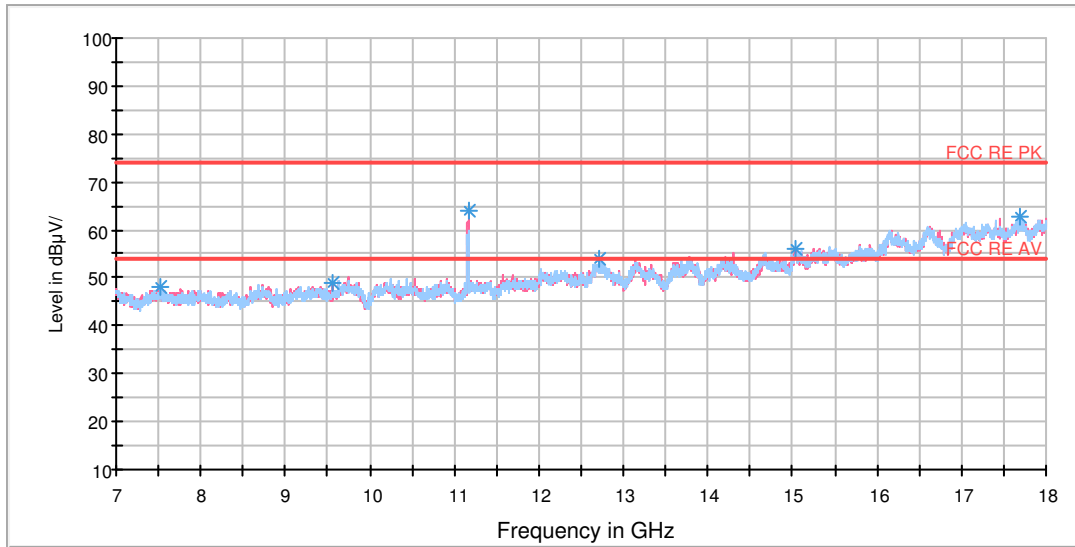
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3031.500000	39.5	100.0	H	180.0	40.3	0.8	34.5	74
3624.000000	40.2	100.0	V	180.0	41.1	0.9	33.8	74
4431.000000	40.5	100.0	H	11.0	42.5	2.0	33.5	74
5240.000000	42.5	100.0	V	169.0	46.1	3.6	31.5	74
5736.500000	46.2	100.0	V	139.0	50.9	4.7	27.8	74
6699.000000	47.8	100.0	H	111.0	56.3	8.5	26.2	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3047.500000	27.1	100.0	H	41.0	28.0	0.9	26.9	54
3960.000000	28.1	100.0	H	0.0	30.4	2.3	25.9	54
4333.500000	28.8	100.0	V	40.0	31.1	2.3	25.2	54
5253.500000	30.7	100.0	V	99.0	34.3	3.6	23.3	54
5716.500000	34.3	100.0	V	113.0	38.9	4.6	19.7	54
6733.500000	35.9	100.0	V	152.0	44.4	8.5	18.1	54

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

RE 7-18GHz PK



Radiates Emission from 7GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7517.000000	48.1	101.0	H	98.0	55.3	7.2	25.9	74
9560.250000	49.0	101.0	V	251.0	58.7	9.7	25.0	74
11166.250000	64.1	101.0	V	15.0	75.0	10.9	9.9	74
12714.500000	54.1	101.0	H	13.0	68.5	14.4	19.9	74
15032.750000	56.1	101.0	V	305.0	74.8	18.7	17.9	74
17692.000000	62.6	101.0	V	229.0	87.4	24.8	11.4	74

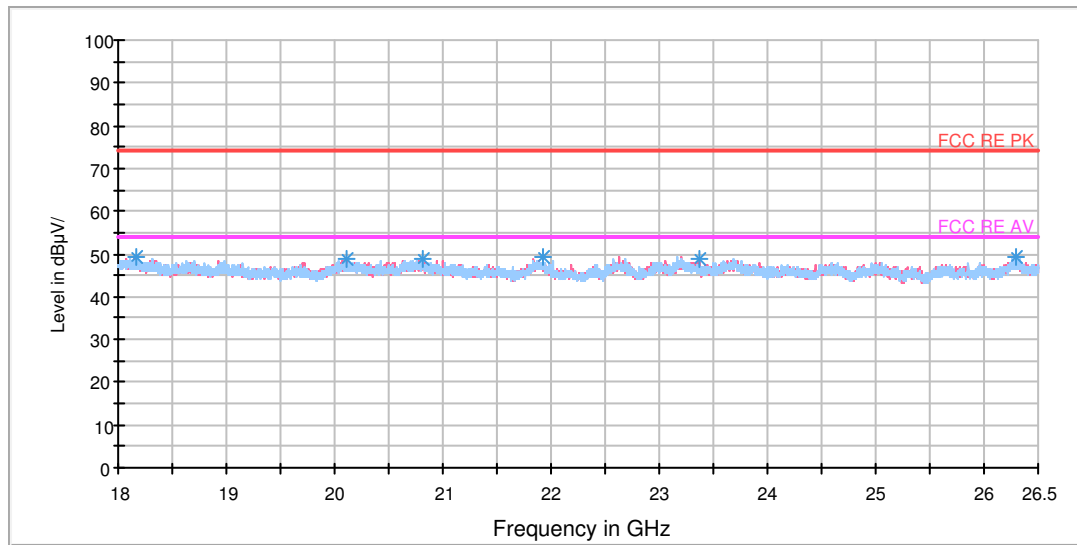
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7000.000000	38.3	102.0	V	180.0	46.8	8.5	15.7	54
9587.750000	38.0	102.0	V	180.0	47.9	9.9	16.0	54
11160.750000	53.5	102.0	V	180.0	64.5	11.0	0.5	54
13138.000000	43.1	102.0	V	0.0	58.5	15.4	10.9	54
15332.500000	45.3	102.0	V	180.0	63.8	18.5	8.7	54
17703.000000	51.9	102.0	V	0.0	76.7	24.8	2.1	54

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



RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

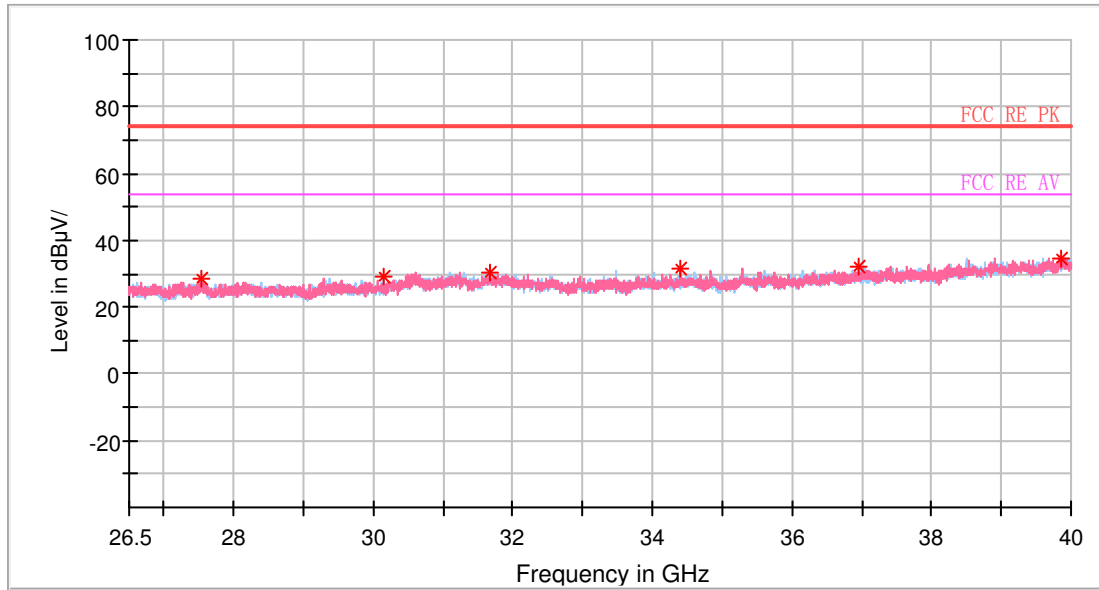
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18174.250000	49.1	V	0.0	51.6	-2.5	24.9	74
20104.812500	48.6	V	0.0	54.4	-5.8	25.4	74
20818.812500	48.7	V	308.0	55.7	-7.0	25.3	74
21927.000000	49.3	V	0.0	57.3	-8.0	24.7	74
23369.875000	48.7	V	308.0	54.6	-5.9	25.3	74
26297.062500	49.1	H	270.0	54.5	-5.4	24.9	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)
18031.875000	37.1	V	155.0	39.0	-1.9	16.9	54
20083.562500	36.4	V	265.0	42.1	-5.7	17.6	54
20772.062500	36.5	H	0.0	43.4	-6.9	17.5	54
21897.250000	36.9	V	0.0	44.9	-8.0	17.1	54
23698.187500	36.8	H	0.0	42.7	-5.9	17.2	54
26268.375000	36.9	H	73.0	42.3	-5.4	17.1	54

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

Full Spectrum



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)
27539.500000	28.5	H	0.0	45.6	-17.1	45.5	74
30138.250000	29.0	H	0.0	46.2	-17.2	45.0	74
31660.375000	30.4	H	0.0	46.0	-15.6	43.6	74
34390.750000	31.4	V	0.0	47.8	-16.4	42.6	74
36962.500000	32.0	H	0.0	48.6	-16.6	42.0	74
39854.875000	34.6	V	0.0	50.5	-15.9	39.4	74

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

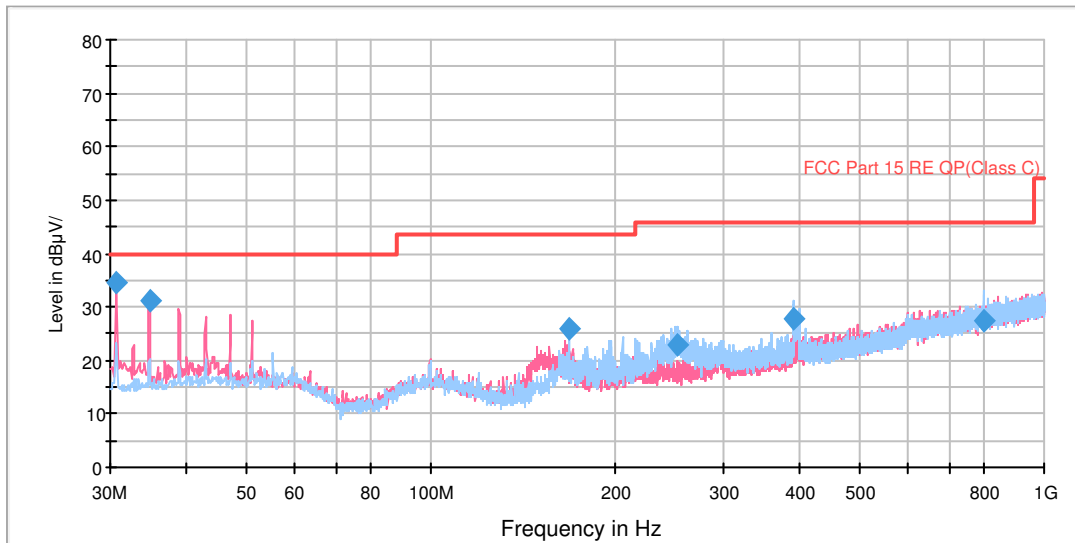
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27539.500000	18.3	H	0.0	35.4	-17.1	35.7	54
30242.875000	18.7	H	0.0	35.7	-17.0	35.3	54
31113.625000	20.5	V	0.0	36.3	-15.8	33.5	54
34471.750000	19.8	V	0.0	36.3	-16.5	34.2	54
37036.750000	21.5	V	0.0	38.1	-16.6	32.5	54
39895.375000	25.4	V	0.0	41.3	-15.9	28.6	54

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



802.11n (HT20) CH132

FCC RE 0.03-1GHz QP Class C

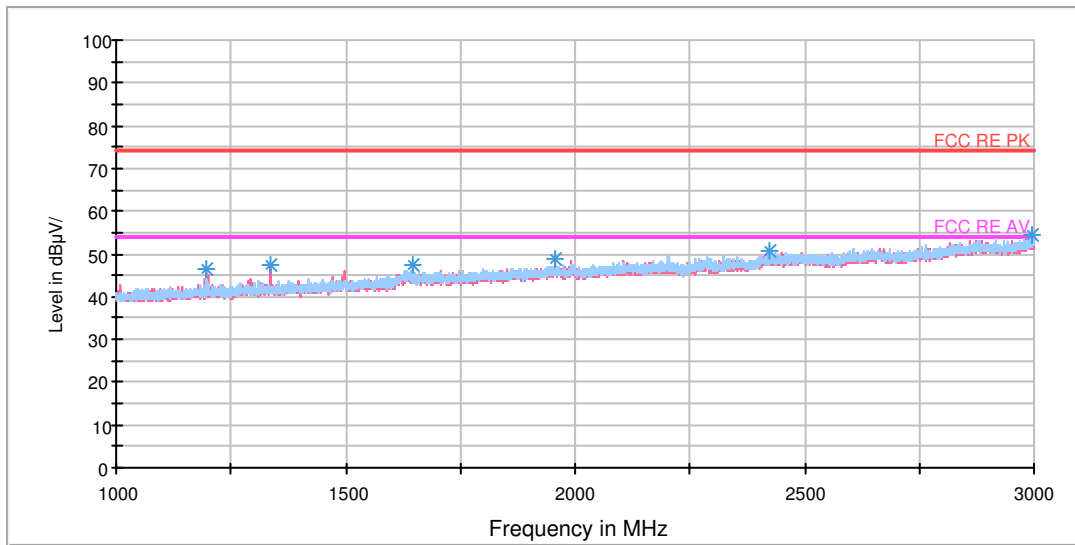


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
30.727500	34.4	100.0	V	106.0	46.3	11.9	5.6	40.0
34.810000	31.1	100.0	V	99.0	43.0	11.9	8.9	40.0
168.022500	26.1	125.0	H	282.0	36.3	10.2	17.4	43.5
251.725000	23.1	100.0	H	162.0	37.3	14.2	22.9	46.0
391.403750	27.7	100.0	H	173.0	45.4	17.7	18.3	46.0
797.638750	27.5	100.0	H	55.0	51.8	24.3	18.5	46.0

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

RE 1G-3GHz PK+AV



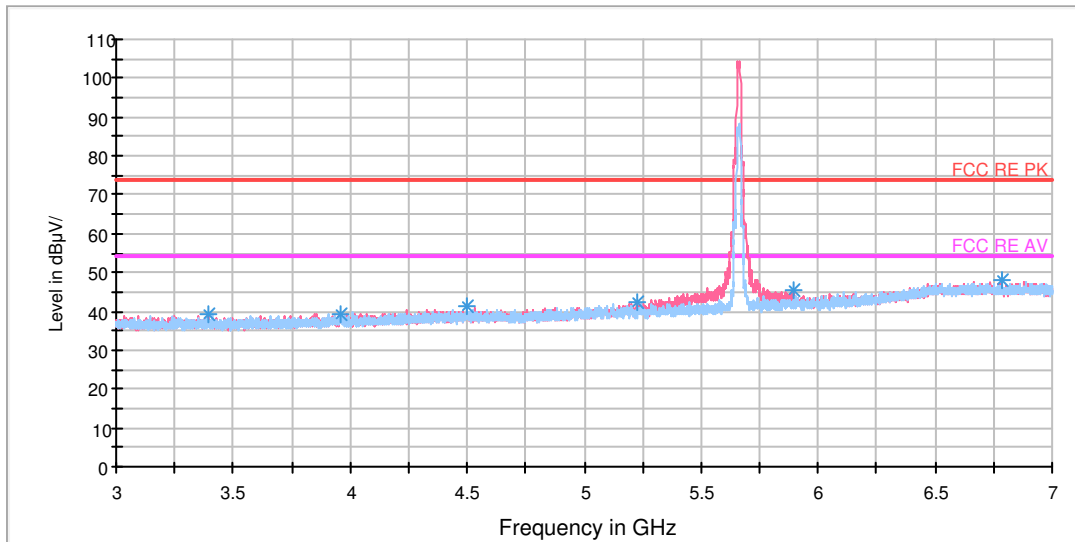
Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1195.750000	46.6	102.0	V	53.0	54.8	-8.2	27.4	74
1336.250000	47.6	102.0	V	0.0	55.0	-7.4	26.4	74
1647.250000	47.4	102.0	H	0.0	52.4	-5.0	26.6	74
1958.000000	49.0	102.0	V	33.0	52.3	-3.3	25.0	74
2421.750000	50.5	102.0	H	78.0	51.0	-0.5	23.5	74
2994.750000	54.7	102.0	H	159.0	57.0	2.3	19.3	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1197.750000	32.1	102.0	V	121.0	40.3	-8.2	21.9	54
1297.000000	32.6	102.0	V	33.0	40.4	-7.8	21.4	54
1647.000000	35.2	102.0	V	121.0	40.2	-5.0	18.8	54
1962.750000	36.4	102.0	H	13.0	39.7	-3.3	17.6	54
2489.500000	39.0	102.0	H	13.0	39.3	0.3	15.0	54
2994.500000	45.5	102.0	H	327.0	47.8	2.3	8.5	54

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



Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 7GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3393.500000	39.3	100.0	V	180.0	40.0	0.7	34.7	74
3958.500000	39.5	100.0	V	180.0	41.6	2.1	34.5	74
4495.500000	41.5	100.0	H	0.0	44.2	2.7	32.5	74
5223.000000	42.5	100.0	V	112.0	45.8	3.3	31.5	74
5899.000000	45.3	100.0	V	180.0	50.1	4.8	28.7	74
6782.500000	48.1	100.0	V	112.0	56.6	8.5	25.9	74

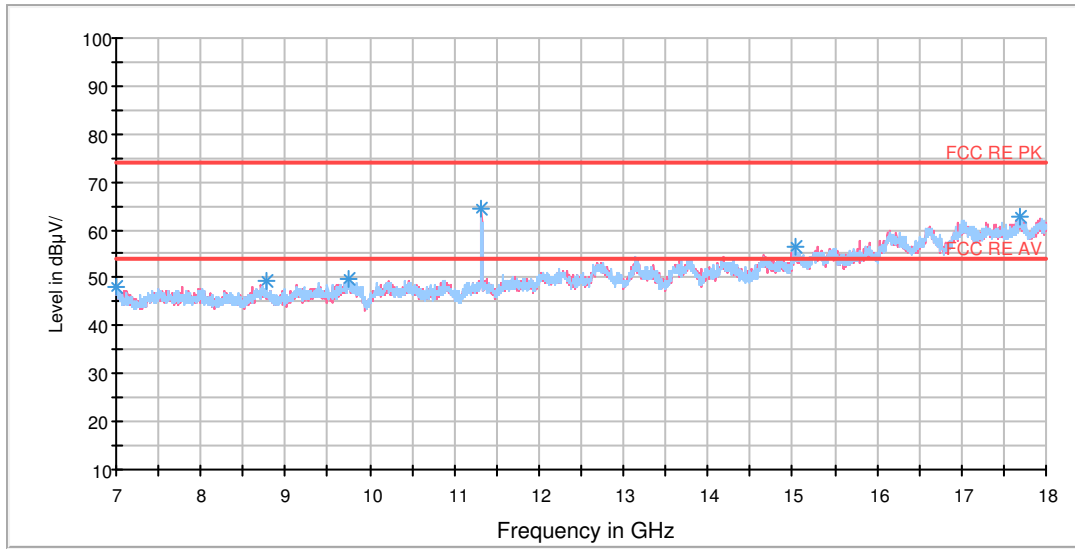
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.500000	26.9	100.0	H	0.0	27.6	0.7	27.1	54
3960.000000	28.0	100.0	V	180.0	30.3	2.3	26.0	54
4389.000000	28.8	100.0	H	0.0	31.3	2.5	25.2	54
5257.500000	30.7	100.0	V	126.0	34.2	3.5	23.3	54
5853.000000	33.6	100.0	V	112.0	38.6	5.0	20.4	54
6734.500000	36.0	100.0	V	140.0	44.4	8.4	18.0	54

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



RE 7-18GHz PK



Radiates Emission from 7GHz to 18GHz

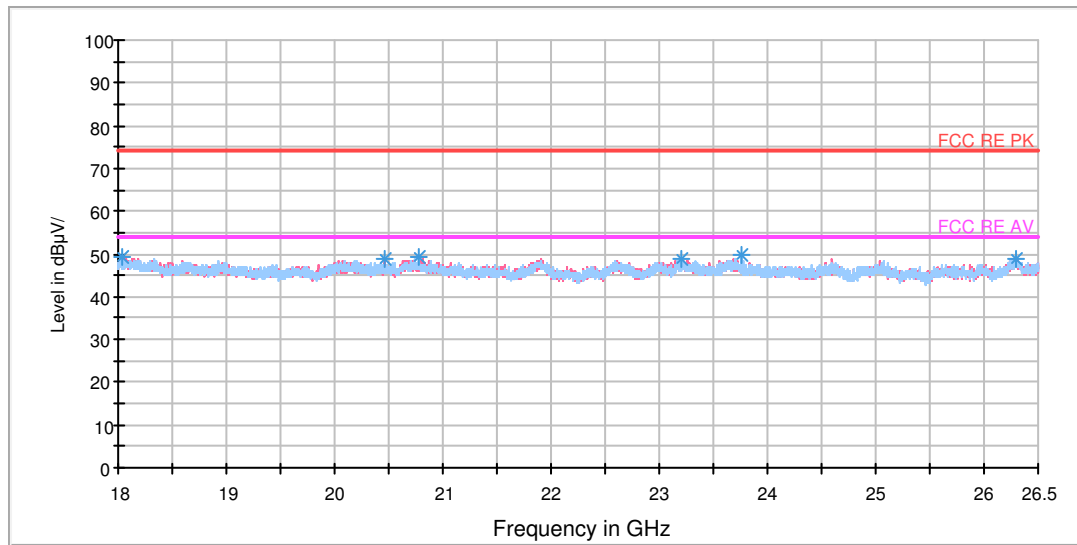
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7000.000000	48.1	101.0	V	50.0	56.6	8.5	25.9	74
8771.000000	49.1	101.0	H	159.0	57.7	8.6	24.9	74
9741.750000	49.8	101.0	H	1.0	60.4	10.6	24.2	74
11325.750000	64.5	101.0	V	4.0	75.5	11.0	9.5	74
15046.500000	56.5	101.0	H	159.0	75.2	18.7	17.5	74
17683.750000	62.6	101.0	V	81.0	87.3	24.7	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)
7000.000000	38.3	102.0	V	180.0	46.8	8.5	15.7	54
9587.750000	38.1	102.0	V	180.0	48.0	9.9	15.9	54
9739.000000	39.0	102.0	V	0.0	49.7	10.7	15.0	54
11323.000000	53.5	102.0	V	180.0	64.5	11.0	0.5	54
15335.250000	45.2	102.0	V	0.0	63.7	18.5	8.8	54
17700.250000	51.9	102.0	V	180.0	76.7	24.8	2.1	54

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

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18035.062500	49.4	V	18.0	51.3	-1.9	24.6	74
20455.437500	48.8	V	112.0	54.9	-6.1	25.2	74
20782.687500	49.4	H	5.0	56.3	-6.9	24.6	74
23200.937500	48.9	V	0.0	54.9	-6.0	25.1	74
23758.750000	49.6	H	0.0	55.5	-5.9	24.4	74
26298.125000	48.8	V	355.0	54.2	-5.4	25.2	74

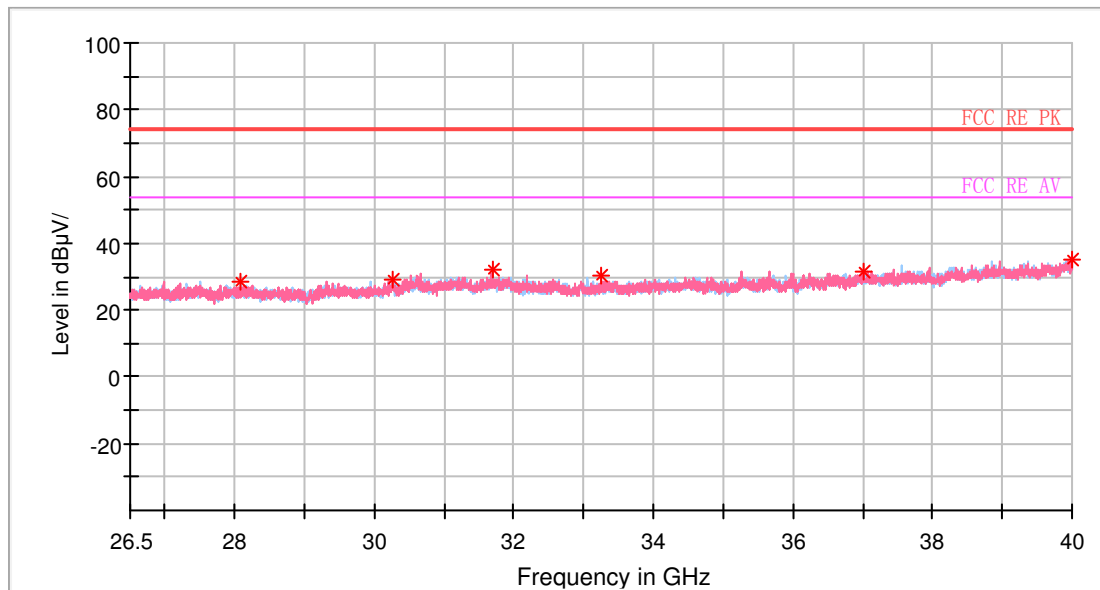
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18063.750000	37.3	V	43.0	39.4	-2.1	16.7	54
20078.250000	36.4	V	0.0	42.1	-5.7	17.6	54
20778.437500	36.7	V	355.0	43.6	-6.9	17.3	54
21903.625000	36.9	H	157.0	44.9	-8.0	17.1	54
23698.187500	36.8	H	157.0	42.7	-5.9	17.2	54
26287.500000	37.0	V	223.0	42.4	-5.4	17.0	54

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



Full Spectrum



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)
28093.000000	28.4	H	0.0	44.9	-16.5	45.6	74
30259.750000	29.0	V	0.0	45.9	-16.9	45.0	74
31704.250000	32.0	H	0.0	47.4	-15.4	42.0	74
33253.375000	30.0	H	0.0	47.0	-17.0	44.0	74
37019.875000	31.6	V	0.0	48.2	-16.6	42.4	74
39993.250000	34.9	H	0.0	50.8	-15.9	39.1	74

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

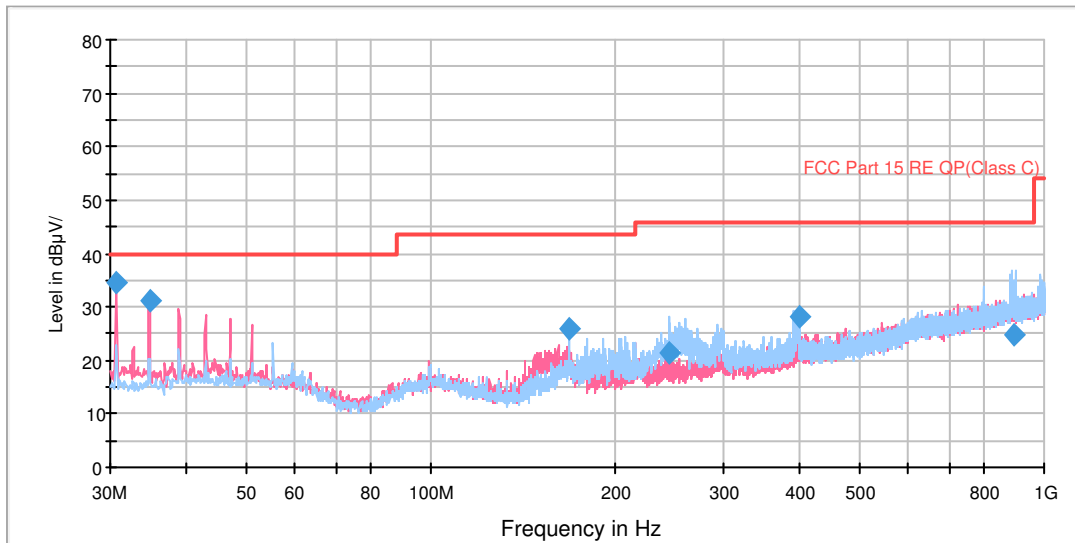
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28143.625000	17.8	V	0.0	34.2	-16.4	36.2	54
30273.250000	18.7	V	0.0	35.6	-16.9	35.3	54
30610.750000	20.6	H	0.0	37.0	-16.4	33.4	54
34502.125000	20.1	H	0.0	36.7	-16.6	33.9	54
36969.250000	21.7	H	0.0	38.3	-16.6	32.3	54
39922.375000	25.1	H	0.0	41.0	-15.9	28.9	54

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



802.11n (HT20) CH140

FCC RE 0.03-1GHz QP Class C

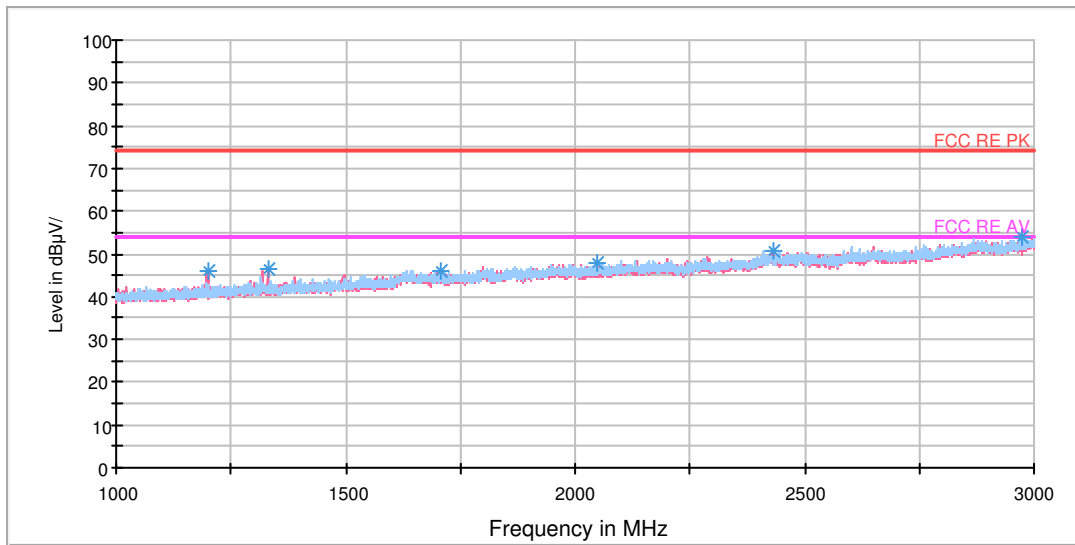


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
30.727500	34.4	100.0	V	120.0	46.3	11.9	5.6	40.0
34.810000	31.2	100.0	V	111.0	43.1	11.9	8.8	40.0
167.982500	25.9	125.0	H	284.0	36.1	10.2	17.6	43.5
244.211250	21.5	125.0	H	153.0	35.4	13.9	24.5	46.0
399.085000	28.0	100.0	H	186.0	45.9	17.9	18.0	46.0
896.578750	24.8	100.0	H	67.0	50.3	25.5	21.2	46.0

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

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

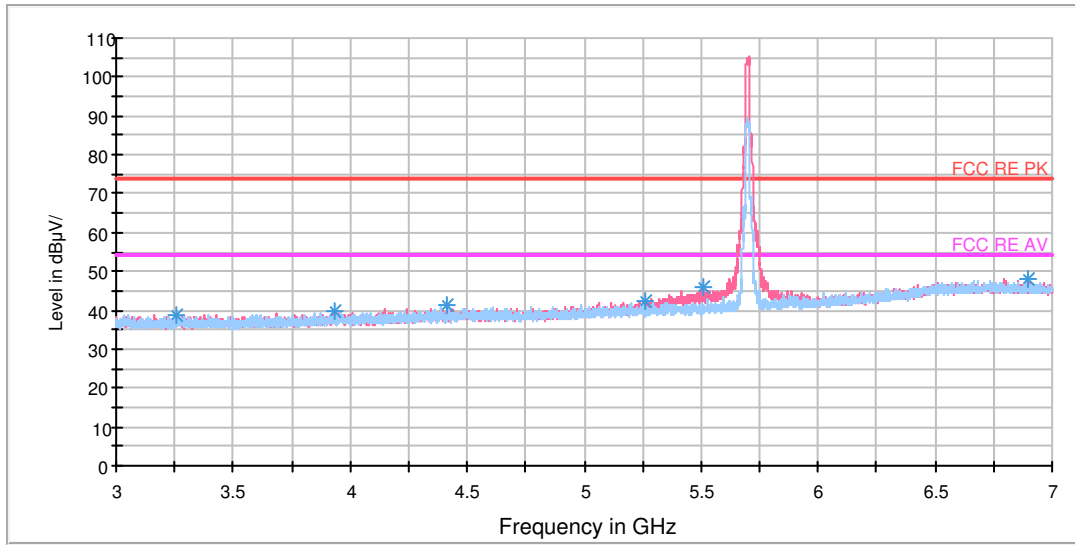
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1199.250000	46.1	102.0	V	137.0	54.3	-8.2	27.9	74
1329.750000	46.4	102.0	V	0.0	53.8	-7.4	27.6	74
1705.750000	46.2	102.0	H	0.0	51.1	-4.9	27.8	74
2046.250000	47.7	102.0	H	308.0	50.9	-3.2	26.3	74
2433.000000	50.6	102.0	V	249.0	51.3	-0.7	23.4	74
2972.500000	54.0	102.0	H	0.0	56.2	2.2	20.0	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1199.250000	33.6	102.0	V	137.0	41.8	-8.2	20.4	54
1329.750000	32.9	102.0	V	0.0	40.3	-7.4	21.1	54
1647.250000	35.3	102.0	V	53.0	40.3	-5.0	18.7	54
2075.250000	36.2	102.0	H	14.0	39.3	-3.1	17.8	54
2489.500000	39.0	102.0	H	157.0	39.3	0.3	15.0	54
2995.000000	45.6	102.0	H	326.0	47.9	2.3	8.4	54

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

RE 1G-18GHz PK+AV Class B



Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 7GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3257.500000	38.8	100.0	V	8.0	39.5	0.7	35.2	74
3935.000000	39.5	100.0	V	140.0	40.9	1.4	34.5	74
4417.500000	41.1	100.0	V	71.0	43.3	2.2	32.9	74
5260.000000	42.3	100.0	V	41.0	45.8	3.5	31.7	74
5506.500000	45.8	100.0	V	113.0	49.6	3.8	28.2	74
6893.500000	48.1	100.0	V	180.0	56.5	8.4	25.9	74

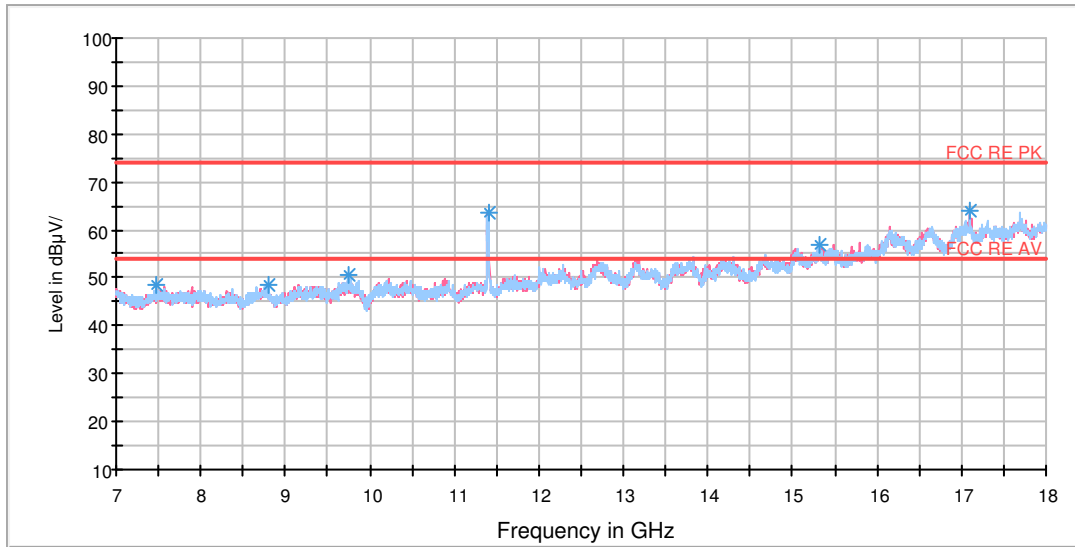
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3270.000000	27.1	100.0	V	178.0	28.1	1.0	26.9	54
3959.500000	28.3	100.0	H	0.0	30.5	2.2	25.7	54
4498.000000	28.9	100.0	H	18.0	31.7	2.8	25.1	54
5246.000000	30.7	100.0	V	127.0	34.3	3.6	23.3	54
5534.000000	33.2	100.0	V	99.0	37.4	4.2	20.8	54
6721.000000	36.0	100.0	H	69.0	44.6	8.6	18.0	54

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



RE 7-18GHz PK



Radiates Emission from 7GHz to 18GHz

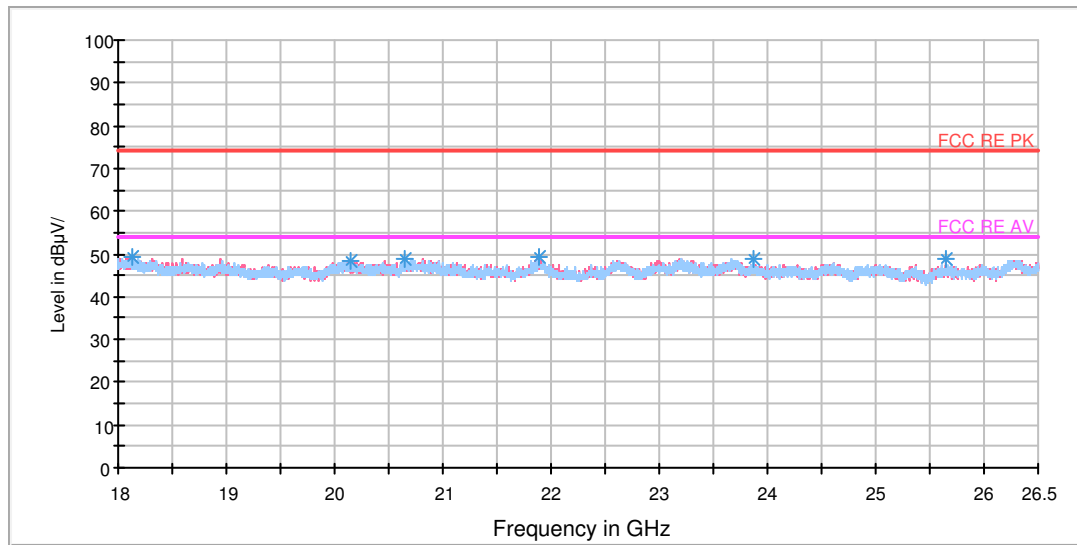
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7470.250000	48.4	101.0	H	1.0	55.3	6.9	25.6	74
8790.250000	48.6	101.0	V	92.0	57.0	8.4	25.4	74
9739.000000	50.4	101.0	H	279.0	61.1	10.7	23.6	74
11400.000000	63.4	101.0	V	4.0	74.6	11.2	10.6	74
15318.750000	57.0	101.0	H	54.0	75.2	18.2	17.0	74
17106.250000	64.2	101.0	V	350.0	88.2	24.0	9.8	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)
7000.000000	38.3	102.0	V	180.0	46.8	8.5	15.7	54
9587.750000	38.0	102.0	V	180.0	47.9	9.9	16.0	54
9739.000000	39.0	102.0	V	180.0	49.7	10.7	15.0	54
11400.000000	53.4	102.0	V	180.0	64.6	11.2	0.6	54
15338.000000	45.2	102.0	V	180.0	63.8	18.6	8.8	54
17714.000000	51.9	102.0	V	180.0	76.7	24.8	2.1	54

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

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

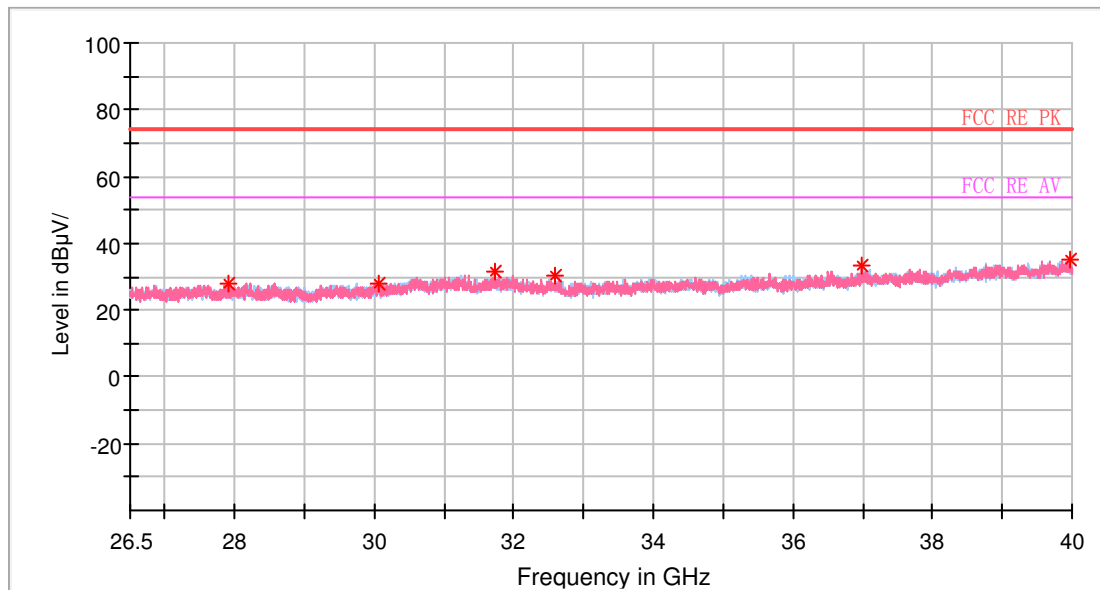
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18128.562500	49.2	H	160.0	51.5	-2.3	24.8	74
20143.062500	48.6	H	6.0	54.4	-5.8	25.4	74
20645.625000	48.7	H	115.0	55.3	-6.6	25.3	74
21889.812500	49.4	H	27.0	57.4	-8.0	24.6	74
23876.687500	48.9	H	203.0	54.8	-5.9	25.1	74
25651.062500	48.8	V	156.0	54.5	-5.7	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)
18064.812500	37.2	V	0.0	39.3	-2.1	16.8	54
20161.125000	36.4	H	226.0	42.2	-5.8	17.6	54
20776.312500	36.7	V	288.0	43.6	-6.9	17.3	54
21895.125000	37.0	V	156.0	45.0	-8.0	17.0	54
23668.437500	36.8	V	0.0	42.7	-5.9	17.2	54
26307.687500	37.0	H	137.0	42.4	-5.4	17	54

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

Full Spectrum



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)
27900.625000	28.0	V	0.0	44.8	-16.8	46.0	74
30053.875000	28.1	H	0.0	45.4	-17.3	45.9	74
31714.375000	31.3	H	0.0	46.7	-15.4	42.7	74
32591.875000	30.0	H	0.0	46.2	-16.2	44.0	74
36986.125000	33.0	V	0.0	49.6	-16.6	41.0	74
39966.250000	35.3	H	0.0	51.2	-15.9	38.7	74

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

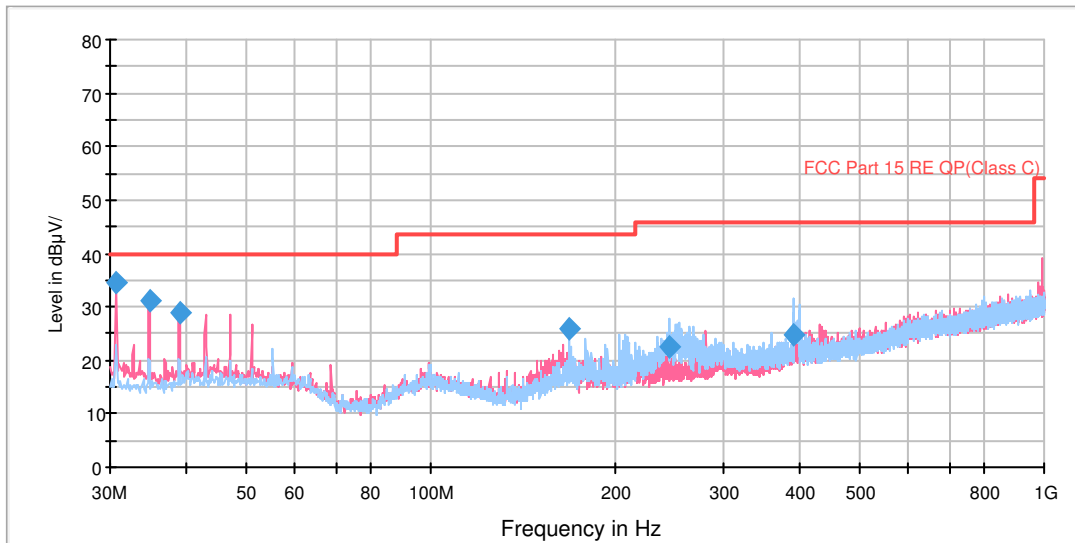
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28261.750000	18.2	V	0.0	34.8	-16.6	35.8	54
30263.125000	18.5	V	0.0	35.4	-16.9	35.5	54
31643.500000	20.6	H	0.0	36.2	-15.6	33.4	54
34613.500000	20.1	V	0.0	36.8	-16.7	33.9	54
37006.375000	22.2	H	0.0	38.8	-16.6	31.8	54
39861.625000	25.1	H	0.0	41.0	-15.9	28.9	54

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



802.11n (HT20) CH149

FCC RE 0.03-1GHz QP Class C

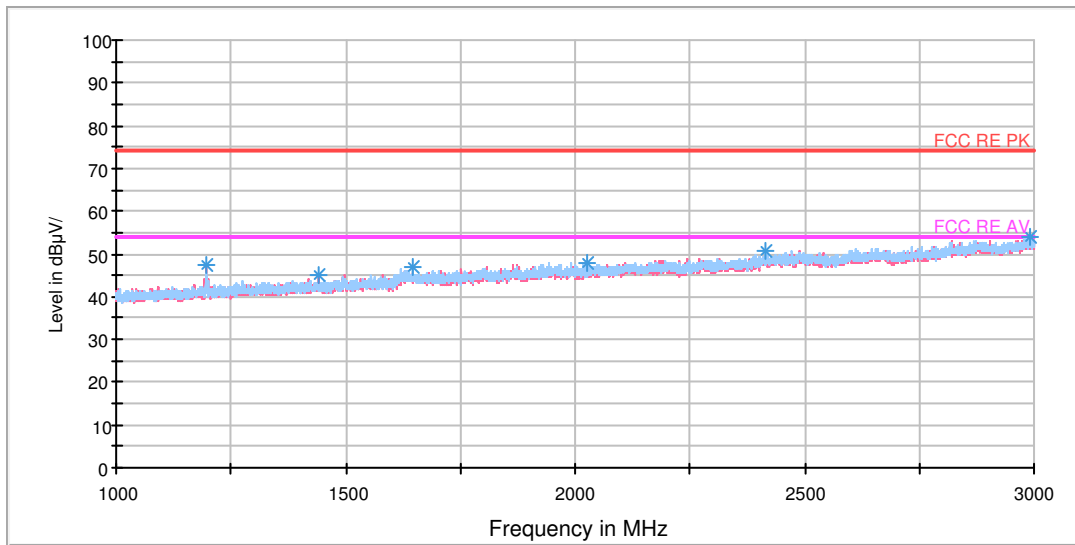


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
30.727500	34.5	100.0	V	114.0	46.4	11.9	5.5	40.0
34.810000	31.1	100.0	V	105.0	43.0	11.9	8.9	40.0
38.931250	28.9	100.0	V	111.0	41.8	12.9	11.1	40.0
167.982500	25.9	125.0	H	283.0	36.1	10.2	17.6	43.5
244.527500	22.4	100.0	H	163.0	36.3	13.9	23.6	46.0
390.638750	24.7	100.0	H	185.0	42.4	17.7	21.3	46.0

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

RE 1G-3GHz PK+AV



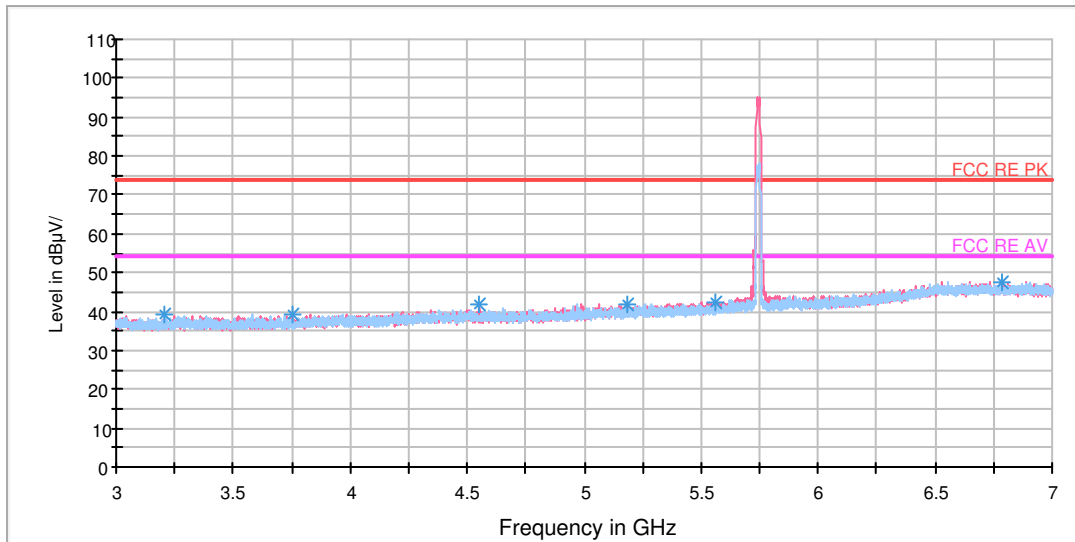
Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1197.750000	47.2	102.0	V	124.0	55.4	-8.2	26.8	74
1441.250000	45.2	102.0	V	332.0	52.1	-6.9	28.8	74
1647.750000	46.8	102.0	H	82.0	51.8	-5.0	27.2	74
2026.000000	48.0	102.0	H	161.0	51.5	-3.5	26.0	74
2417.000000	50.7	102.0	H	98.0	51.3	-0.6	23.3	74
2992.500000	53.9	102.0	H	0.0	56.1	2.2	20.1	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1198.750000	32.5	102.0	V	301.0	40.7	-8.2	21.5	54
1321.000000	32.5	102.0	V	238.0	39.8	-7.3	21.5	54
1647.000000	35.7	102.0	V	0.0	40.7	-5.0	18.3	54
2061.250000	36.1	102.0	H	98.0	39.2	-3.1	17.9	54
2488.250000	39.0	102.0	V	124.0	39.2	0.2	15.0	54
2994.750000	45.4	102.0	H	327.0	47.7	2.3	8.6	54

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



Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 7GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3202.500000	39.3	100.0	H	172.0	40.0	0.7	34.7	74
3757.500000	39.2	100.0	V	0.0	40.1	0.9	34.8	74
4554.500000	41.8	100.0	V	174.0	44.1	2.3	32.2	74
5187.000000	42.0	100.0	V	180.0	45.5	3.5	32.0	74
5560.500000	42.2	100.0	V	84.0	46.2	4.0	31.8	74
6786.500000	47.6	100.0	H	19.0	55.8	8.2	26.4	74

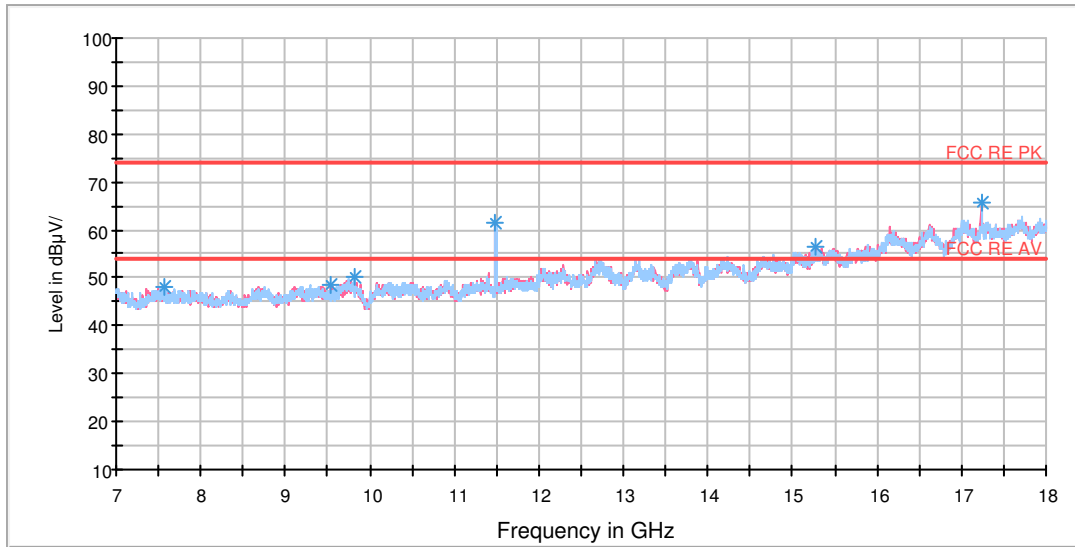
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3053.000000	26.9	100.0	V	98.0	27.7	0.8	27.1	54
3960.000000	28.0	100.0	V	178.0	30.3	2.3	26.0	54
4500.000000	29.0	100.0	V	178.0	31.9	2.9	25.0	54
5257.500000	30.3	100.0	V	98.0	33.8	3.5	23.7	54
5966.000000	31.9	100.0	V	178.0	36.7	4.8	22.1	54
6720.500000	36.1	100.0	H	55.0	44.7	8.6	17.9	54

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



RE 7-18GHz PK



Radiates Emission from 7GHz to 18GHz

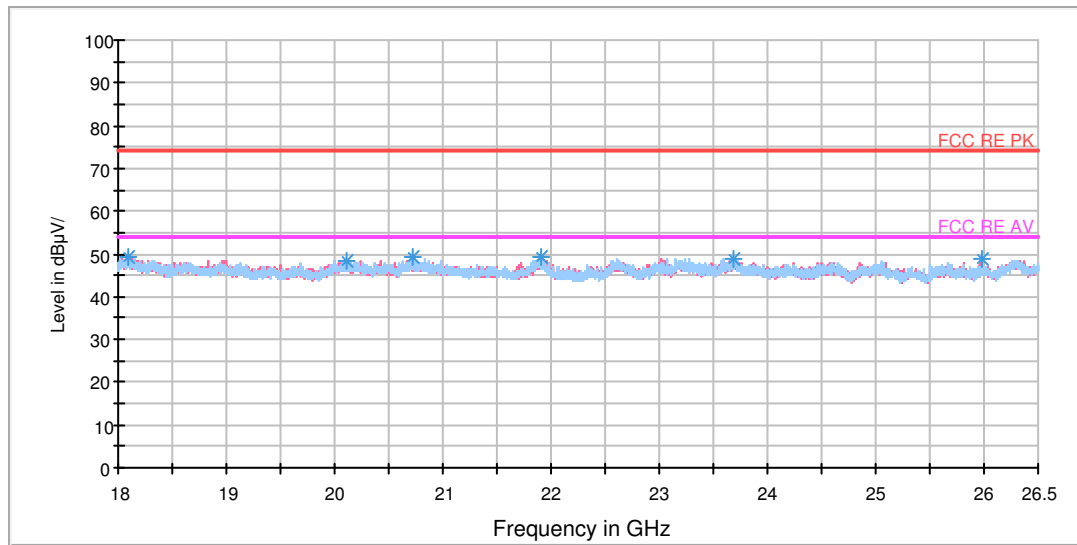
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7569.250000	48.1	101.0	H	300.0	55.4	7.3	25.9	74
9535.500000	48.6	101.0	V	159.0	58.3	9.7	25.4	74
9810.500000	50.0	101.0	H	300.0	59.8	9.8	24.0	74
11490.750000	61.7	101.0	V	350.0	72.5	10.8	12.3	74
15266.500000	56.3	101.0	V	243.0	74.7	18.4	17.7	74
17230.000000	65.7	101.0	V	350.0	89.4	23.7	8.3	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)
7000.000000	38.2	102.0	V	180.0	46.7	8.5	15.8	54
9587.750000	38.0	102.0	V	180.0	47.9	9.9	16.0	54
9739.000000	39.0	102.0	V	0.0	49.7	10.7	15.0	54
11490.750000	52.2	102.0	V	180.0	63.0	10.8	1.8	54
15338.000000	45.3	102.0	V	0.0	63.9	18.6	8.7	54
17241.000000	52.2	102.0	V	180.0	75.9	23.7	1.8	54

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

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18097.750000	49.3	H	0.0	51.5	-2.2	24.7	74
20104.812500	48.5	H	6.0	54.3	-5.8	25.5	74
20722.125000	49.1	V	352.0	55.8	-6.7	24.9	74
21900.437500	49.3	H	116.0	57.3	-8.0	24.7	74
23684.375000	48.7	V	66.0	54.6	-5.9	25.3	74
25977.250000	48.7	H	0.0	54.1	-5.4	25.3	74

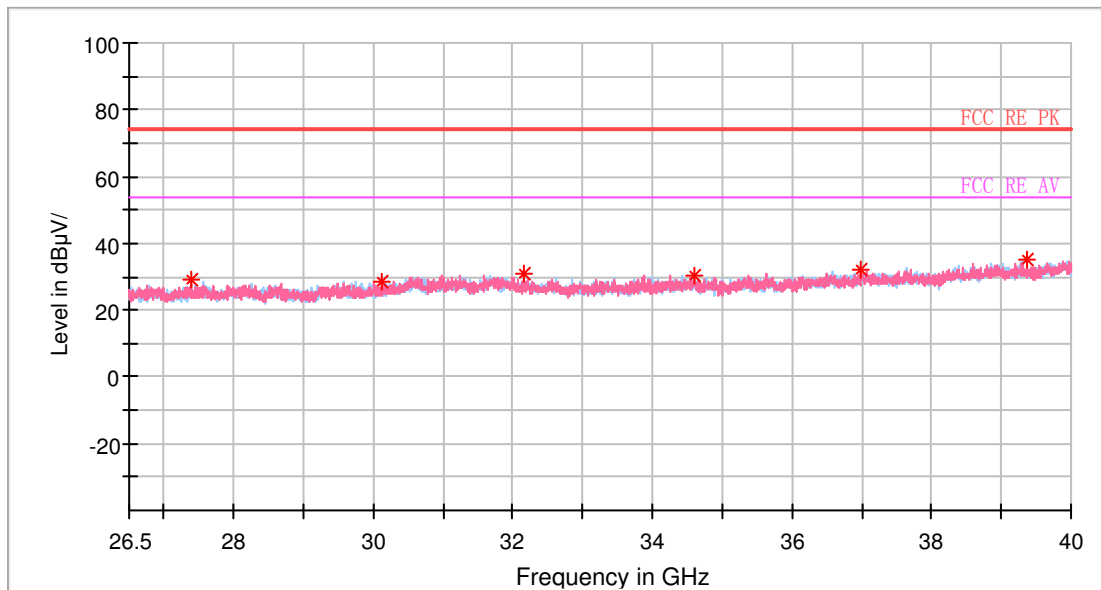
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18061.625000	37.2	H	93.0	39.3	-2.1	16.8	54
20078.250000	36.5	V	309.0	42.2	-5.7	17.5	54
20754.000000	36.6	H	205.0	43.4	-6.8	17.4	54
21902.562500	37.1	H	182.0	45.1	-8.0	16.9	54
23707.750000	36.8	H	0.0	42.7	-5.9	17.2	54
26286.437500	37.0	V	287.0	42.4	-5.4	17.0	54

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



Full Spectrum



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)
27380.875000	28.8	V	0.0	45.8	-17.0	45.2	74
30118.000000	28.7	V	0.0	45.9	-17.2	45.3	74
32166.625000	30.6	V	0.0	46.4	-15.8	43.4	74
34596.625000	30.4	V	0.0	47.1	-16.7	43.6	74
36992.875000	31.9	V	0.0	48.5	-16.6	42.1	74
39365.500000	35.1	H	0.0	50.9	-15.8	38.9	74

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

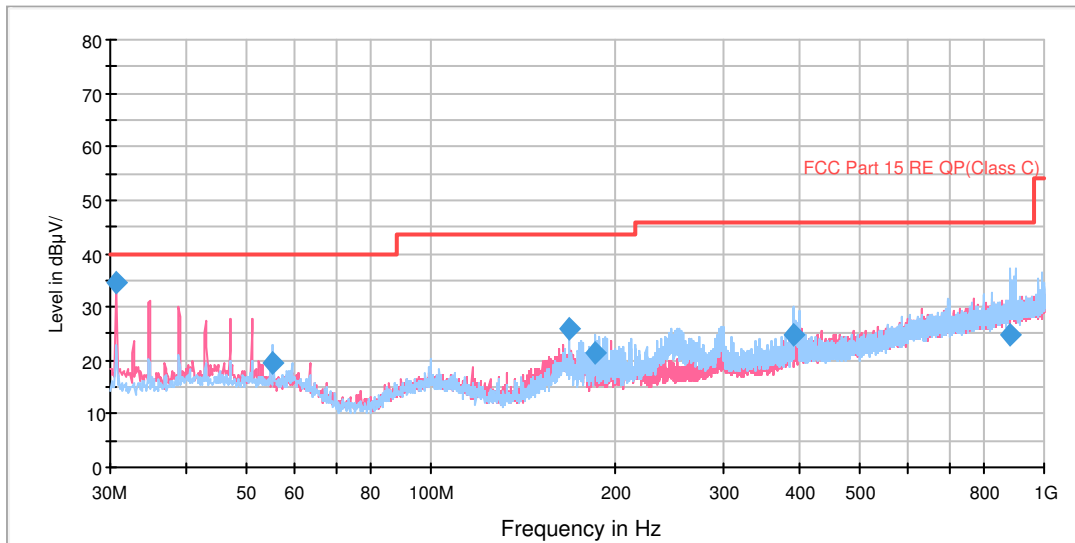
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28275.250000	17.8	V	0.0	34.4	-16.6	36.2	54
30280.000000	18.4	H	0.0	35.3	-16.9	35.6	54
31684.000000	20.5	H	0.0	36.0	-15.5	33.5	54
34589.875000	19.6	H	0.0	36.3	-16.7	34.4	54
37016.500000	21.8	V	0.0	38.4	-16.6	32.2	54
39902.125000	25.0	V	0.0	40.9	-15.9	29.0	54

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



802.11n (HT20) CH157

FCC RE 0.03-1GHz QP Class C



Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
30.727500	34.5	100.0	V	118.0	46.4	11.9	5.5	40.0
55.300000	19.5	125.0	H	116.0	32.2	12.7	20.5	40.0
168.022500	25.9	114.0	H	281.0	36.1	10.2	17.6	43.5
185.643750	21.4	114.0	H	104.0	32.6	11.2	22.1	43.5
391.082500	24.9	100.0	H	196.0	42.6	17.7	21.1	46.0
879.361250	24.8	100.0	H	67.0	50.1	25.3	21.2	46.0

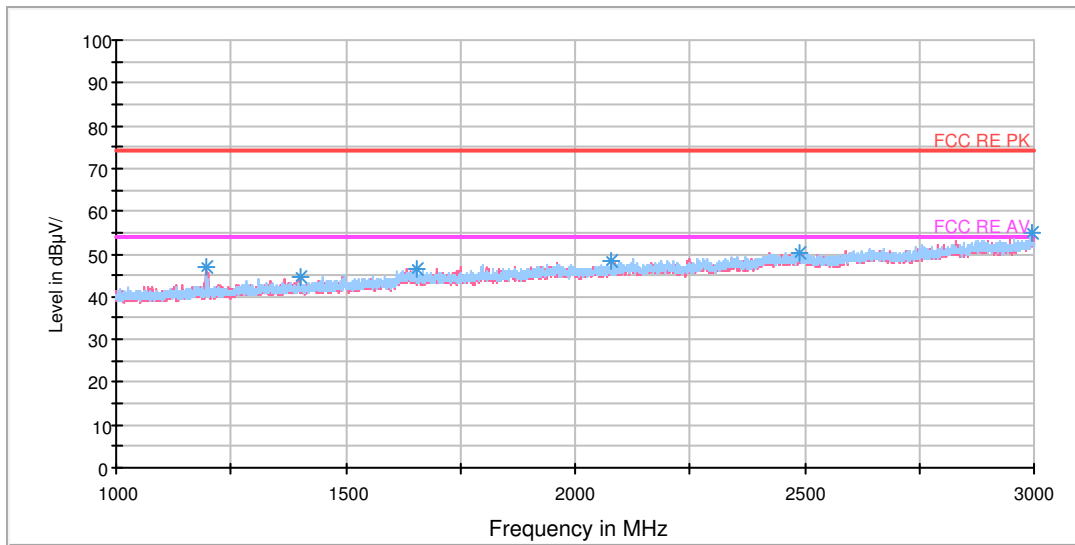
Remark: 1. Quasi-Peak = Reading value + Correction factor

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

3. Margin = Limit – Quasi-Peak



RE 1G-3GHz PK+AV



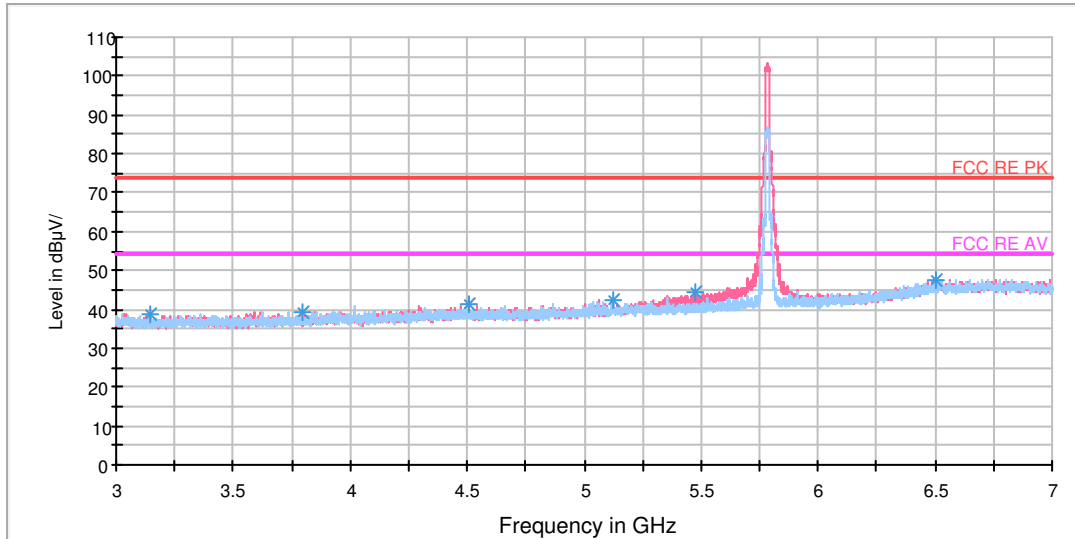
Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1194.500000	46.8	102.0	V	138.0	55.0	-8.2	27.2	74
1399.750000	44.7	102.0	V	328.0	51.8	-7.1	29.3	74
1656.750000	46.5	102.0	H	0.0	51.7	-5.2	27.5	74
2080.000000	48.1	102.0	V	53.0	51.1	-3.0	25.9	74
2490.000000	50.5	102.0	H	17.0	50.8	0.3	23.5	74
2995.250000	54.8	102.0	V	14.0	57.1	2.3	19.2	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1199.000000	33.0	102.0	V	121.0	41.2	-8.2	21.0	54
1365.250000	32.3	102.0	V	53.0	39.6	-7.3	21.7	54
1647.000000	35.4	102.0	V	121.0	40.4	-5.0	18.6	54
1995.250000	36.1	102.0	H	192.0	39.3	-3.2	17.9	54
2488.000000	39.2	102.0	H	0.0	39.4	0.2	14.8	54
2994.750000	45.5	102.0	H	49.0	47.8	2.3	8.5	54

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



Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 7GHz

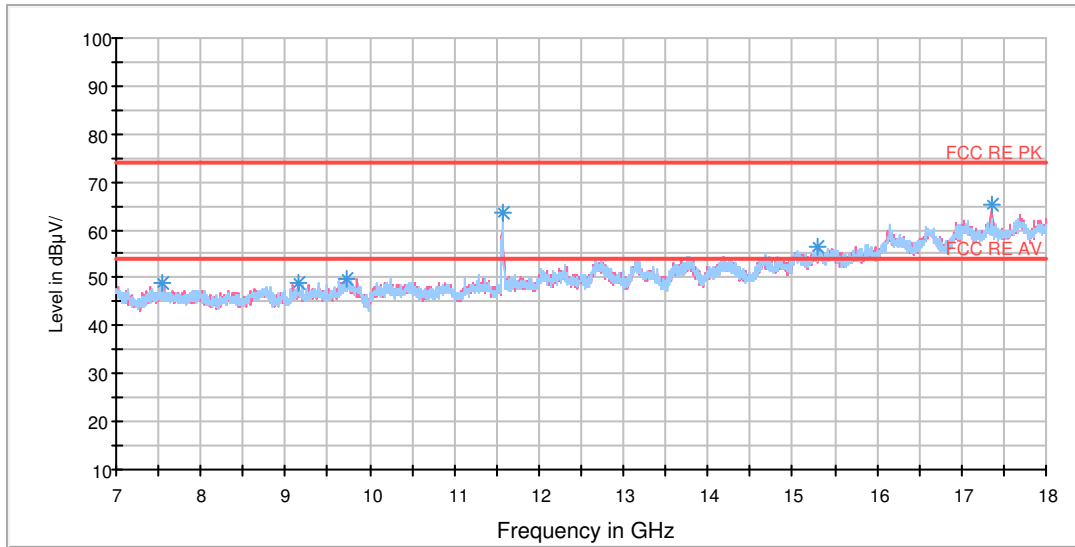
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3148.500000	38.9	100.0	V	180.0	39.4	0.5	35.1	74
3792.500000	39.5	100.0	H	12.0	40.6	1.1	34.5	74
4505.500000	41.1	100.0	V	180.0	43.7	2.6	32.9	74
5120.500000	42.3	100.0	H	0.0	46.2	3.9	31.7	74
5475.500000	44.4	100.0	V	90.0	48.4	4.0	29.6	74
6501.000000	47.7	100.0	V	156.0	55.9	8.2	26.3	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)
3269.000000	27.0	100.0	V	180.0	27.9	0.9	27.0	54
3961.000000	28.2	100.0	H	12.0	30.4	2.2	25.8	54
4471.000000	29.0	100.0	V	131.0	31.5	2.5	25.0	54
5258.500000	30.5	100.0	V	177.0	34.0	3.5	23.5	54
5553.500000	32.9	100.0	V	177.0	36.8	3.9	21.1	54
6723.500000	36.0	100.0	V	171.0	44.6	8.6	18.0	54

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

RE 7-18GHz PK



Radiates Emission from 7GHz to 18GHz

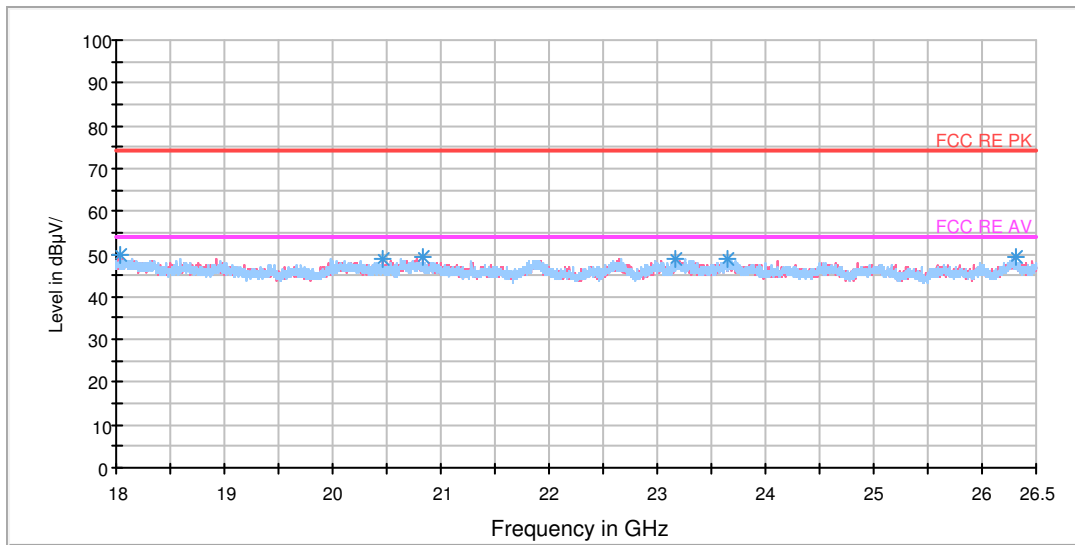
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7555.500000	48.9	101.0	H	51.0	56.1	7.2	25.1	74
9161.500000	48.9	101.0	V	146.0	57.8	8.9	25.1	74
9717.000000	49.9	101.0	H	105.0	60.0	10.1	24.1	74
11576.000000	63.4	101.0	V	350.0	74.7	11.3	10.6	74
15299.500000	56.5	101.0	V	61.0	74.8	18.3	17.5	74
17356.500000	65.3	101.0	V	350.0	89.1	23.8	8.7	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)
7000.000000	38.4	102.0	V	180.0	46.9	8.5	15.6	54
9587.750000	38.1	102.0	V	180.0	48.0	9.9	15.9	54
9739.000000	39.1	102.0	V	180.0	49.8	10.7	14.9	54
11570.500000	52.1	102.0	V	180.0	63.3	11.2	1.9	54
15335.250000	45.2	102.0	V	180.0	63.7	18.5	8.8	54
17356.500000	52.3	102.0	V	180.0	76.1	23.8	1.7	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)
18032.937500	49.9	H	0.0	51.8	-1.9	24.1	74
20457.562500	48.8	V	133.0	54.9	-6.1	25.2	74
20837.937500	49.1	V	331.0	56.1	-7.0	24.9	74
23169.062500	49.0	V	0.0	55.1	-6.1	25.0	74
23641.875000	48.8	V	110.0	54.7	-5.9	25.2	74
26310.875000	49.2	V	309.0	54.6	-5.4	24.8	74

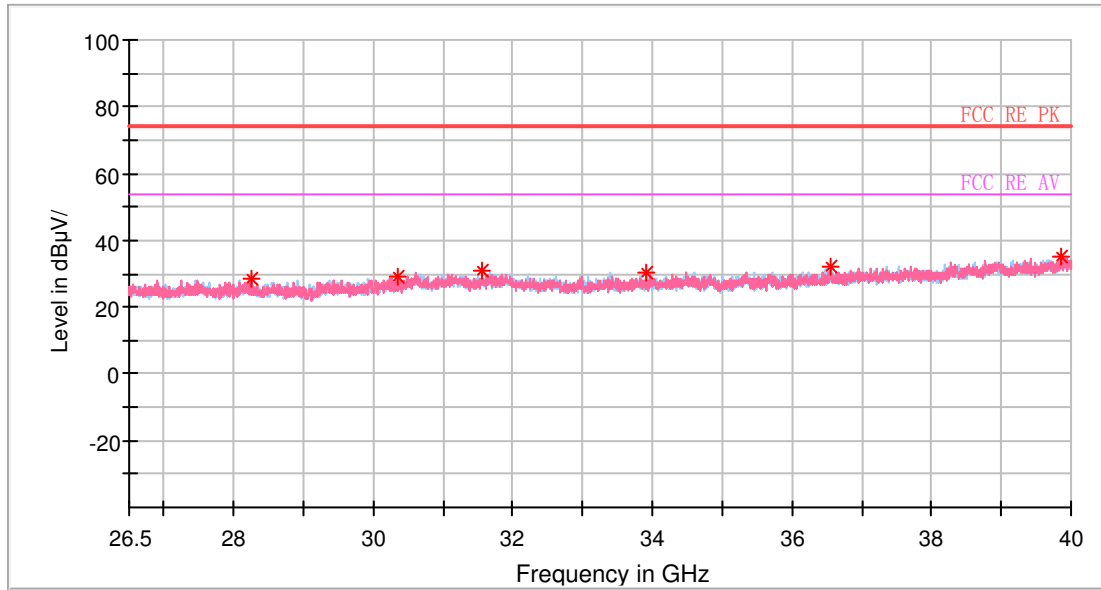
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18027.625000	37.4	H	159.0	39.3	-1.9	16.6	54
20092.062500	36.7	H	6.0	42.5	-5.8	17.3	54
20781.625000	36.6	H	159.0	43.5	-6.9	17.4	54
21902.562500	37.1	H	6.0	45.1	-8.0	16.9	54
23693.937500	36.8	H	0.0	42.7	-5.9	17.2	54
26282.187500	37.0	V	0.0	42.4	-5.4	17.0	54

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



Full Spectrum



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)
28255.000000	28.3	V	0.0	44.9	-16.6	45.7	74
30350.875000	29.1	H	0.0	45.8	-16.7	44.9	74
31562.500000	31.2	V	0.0	47.1	-15.9	42.8	74
33911.500000	30.6	H	0.0	47.4	-16.8	43.4	74
36547.375000	31.9	H	0.0	48.5	-16.6	42.1	74
39854.875000	35.4	H	0.0	51.3	-15.9	38.6	74

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

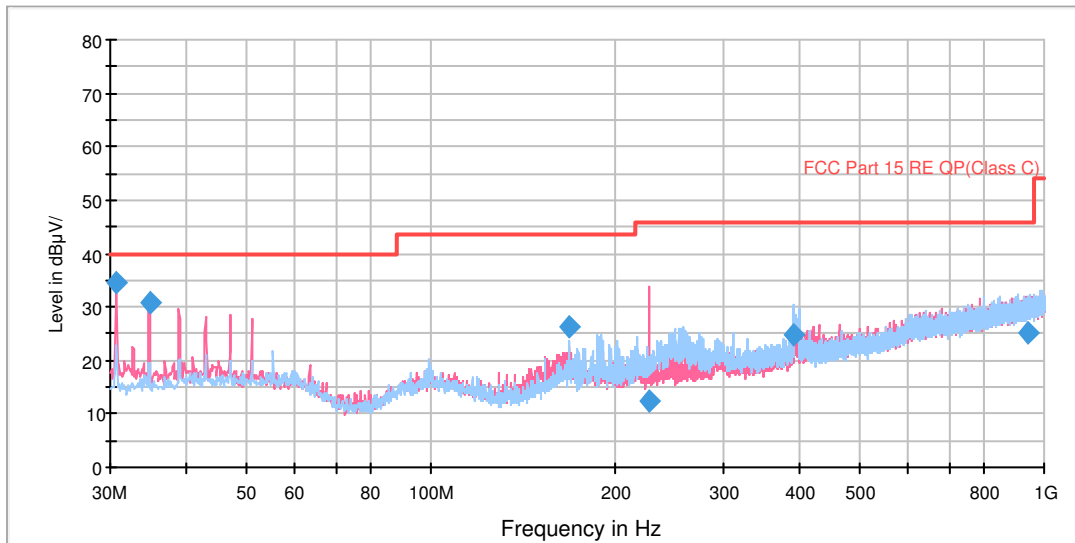
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28288.750000	18.0	V	0.0	34.6	-16.6	36.0	54
30246.250000	18.7	V	0.0	35.7	-17.0	35.3	54
31680.625000	20.3	H	0.0	35.8	-15.5	33.7	54
34600.000000	20.3	H	0.0	37.0	-16.7	33.7	54
36986.125000	21.9	V	0.0	38.5	-16.6	32.1	54
39996.625000	24.9	V	0.0	40.8	-15.9	29.1	54

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



802.11n (HT20) CH165

FCC RE 0.03-1GHz QP Class C

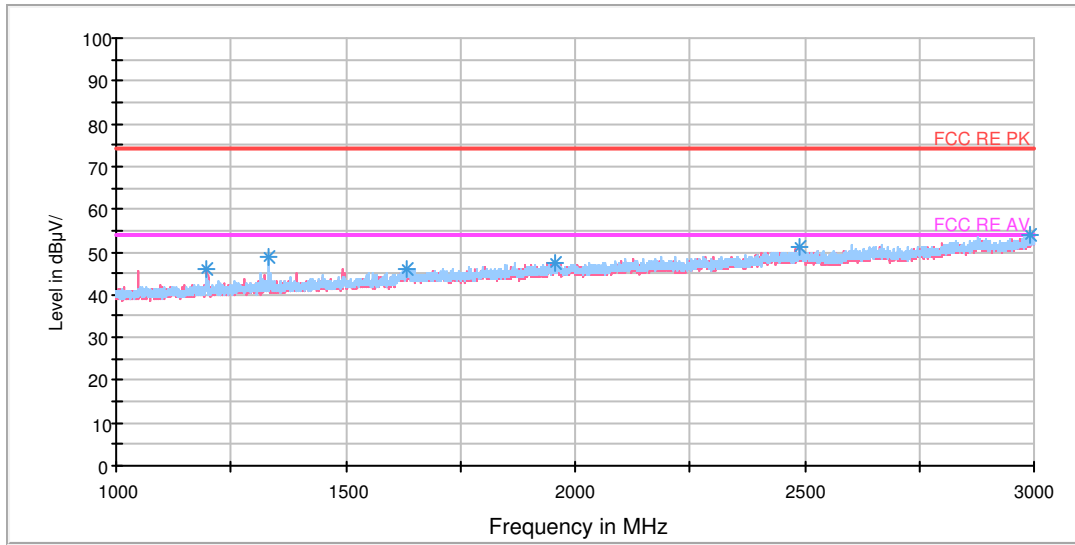


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
30.727500	34.4	100.0	V	107.0	46.3	11.9	5.6	40.0
34.810000	31.0	100.0	V	111.0	42.9	11.9	9.0	40.0
168.022500	26.3	125.0	H	278.0	36.5	10.2	17.2	43.5
227.318750	12.5	125.0	V	36.0	25.6	13.1	33.5	46.0
391.117500	24.9	100.0	H	196.0	42.6	17.7	21.1	46.0
944.595000	25.3	100.0	H	31.0	51.3	26.0	20.7	46.0

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

RE 1G-3GHz PK+AV



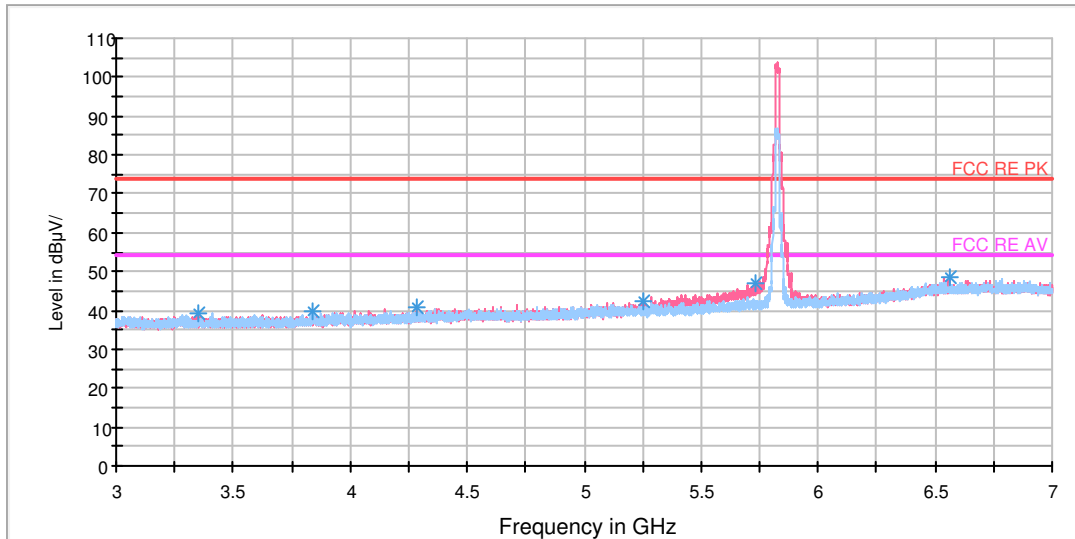
Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1195.000000	45.8	102.0	V	124.0	54.0	-8.2	28.2	74
1333.750000	48.8	102.0	H	0.0	56.2	-7.4	25.2	74
1633.000000	46.1	102.0	H	346.0	50.8	-4.7	27.9	74
1958.250000	47.6	102.0	H	208.0	50.9	-3.3	26.4	74
2489.500000	51.0	102.0	V	0.0	51.3	0.3	23.0	74
2992.250000	53.8	102.0	H	0.0	56.0	2.2	20.2	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1196.750000	33.7	102.0	V	124.0	41.9	-8.2	20.3	54
1333.750000	32.4	102.0	H	0.0	39.8	-7.4	21.6	54
1647.000000	35.4	102.0	V	265.0	40.4	-5.0	18.6	54
2038.250000	36.1	102.0	H	78.0	39.4	-3.3	17.9	54
2493.000000	39.0	102.0	H	0.0	39.2	0.2	15.0	54
2994.750000	45.5	102.0	H	15.0	47.8	2.3	8.5	54

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



Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 7GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3348.500000	39.5	100.0	V	180.0	40.2	0.7	34.5	74
3842.000000	39.7	100.0	H	0.0	41.1	1.4	34.3	74
4285.000000	40.6	100.0	V	178.0	42.4	1.8	33.4	74
5249.000000	42.3	100.0	V	180.0	45.9	3.6	31.7	74
5730.000000	47.0	100.0	V	82.0	51.3	4.3	27.0	74
6560.000000	48.4	100.0	V	110.0	56.8	8.4	25.6	74

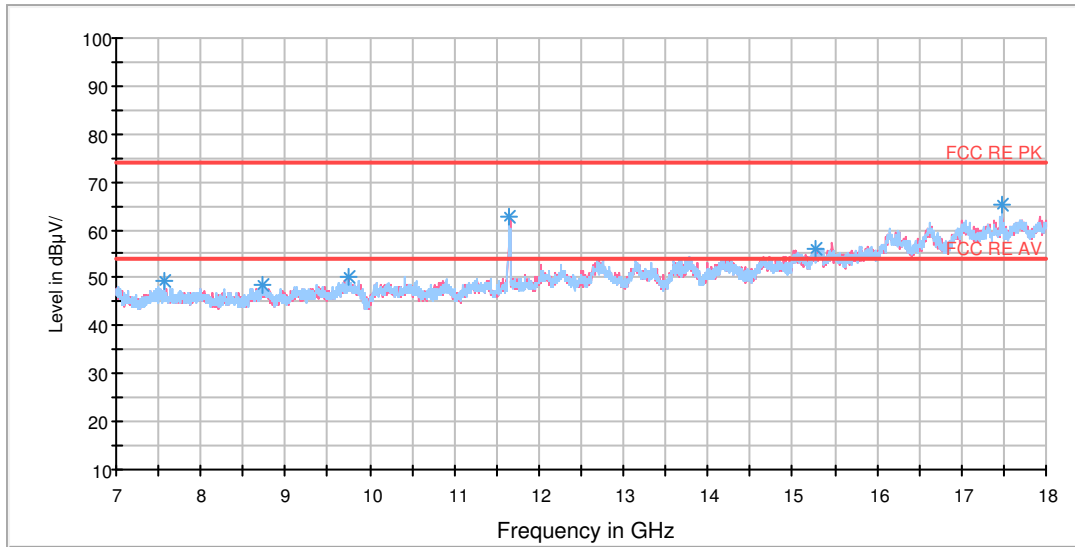
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3045.000000	27.0	100.0	H	0.0	27.9	0.9	27.0	54
3961.000000	28.0	100.0	V	176.0	30.2	2.2	26.0	54
4501.500000	28.8	100.0	H	7.0	31.6	2.8	25.2	54
5258.500000	30.7	100.0	V	151.0	34.2	3.5	23.3	54
5664.500000	34.7	100.0	V	68.0	39.2	4.5	19.3	54
6722.500000	35.9	100.0	H	43.0	44.5	8.6	18.1	54

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



RE 7-18GHz PK



Radiates Emission from 7GHz to 18GHz

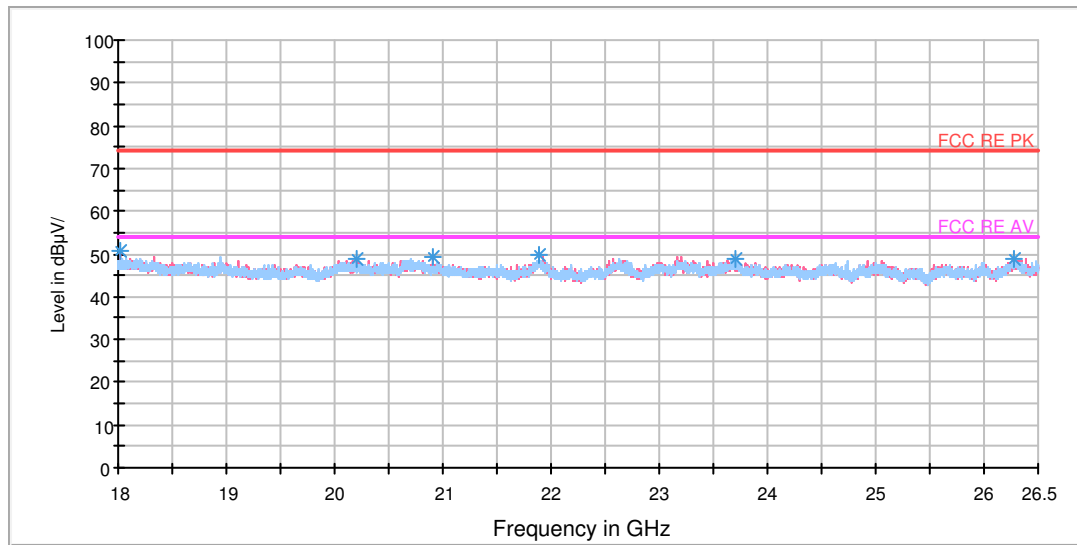
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7561.000000	49.2	101.0	H	192.0	56.4	7.2	24.8	74
8732.500000	48.7	101.0	H	0.0	57.5	8.8	25.3	74
9750.000000	50.3	101.0	V	191.0	60.7	10.4	23.7	74
11644.750000	62.6	101.0	V	350.0	74.0	11.4	11.4	74
15263.750000	56.2	101.0	H	94.0	74.6	18.4	17.8	74
17483.000000	65.1	101.0	V	342.0	89.8	24.7	8.9	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)
7000.000000	38.3	102.0	V	180.0	46.8	8.5	15.7	54
9587.750000	38.0	102.0	V	180.0	47.9	9.9	16.0	54
9739.000000	39.0	102.0	V	180.0	49.7	10.7	15.0	54
11653.000000	51.6	102.0	V	180.0	63.2	11.6	2.4	54
15338.000000	45.3	102.0	V	180.0	63.9	18.6	8.7	54
17474.750000	52.1	102.0	V	180.0	76.9	24.8	1.9	54

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

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

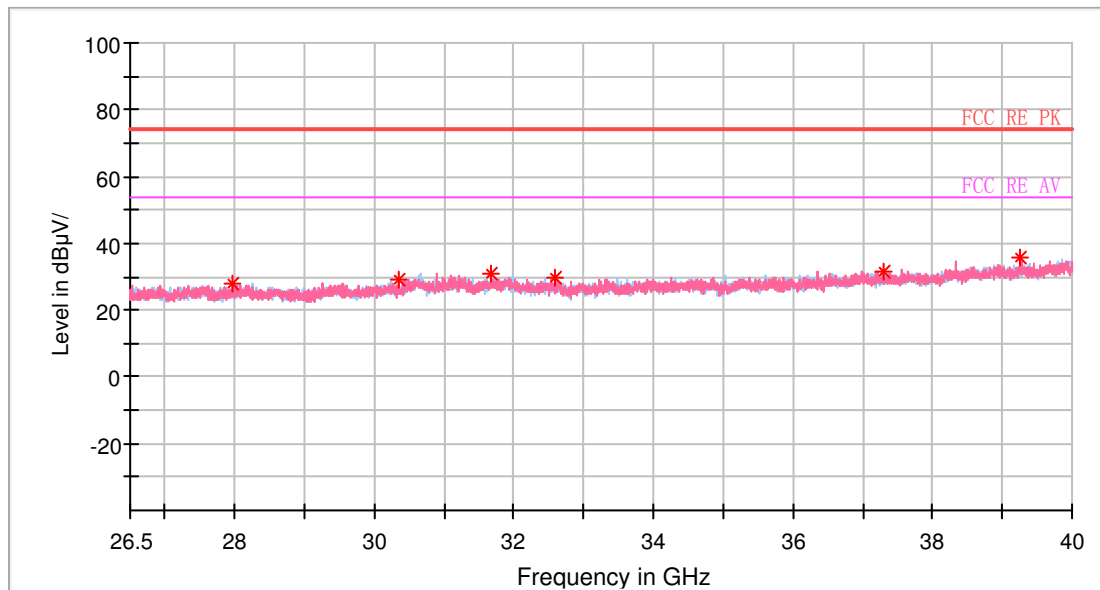
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18018.062500	50.6	V	65.0	52.5	-1.9	23.4	74
20196.187500	48.6	V	0.0	54.5	-5.9	25.4	74
20910.187500	49.1	V	243.0	56.3	-7.2	24.9	74
21894.062500	49.6	V	287.0	57.6	-8.0	24.4	74
23702.437500	48.9	V	353.0	54.8	-5.9	25.1	74
26282.187500	48.7	H	26.0	54.1	-5.4	25.3	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)
18064.812500	37.2	V	353.0	39.3	-2.1	16.8	54
20093.125000	36.4	H	26.0	42.2	-5.8	17.6	54
20778.437500	36.6	V	287.0	43.5	-6.9	17.4	54
21891.937500	36.8	V	331.0	44.8	-8.0	17.2	54
23670.562500	36.8	V	0.0	42.7	-5.9	17.2	54
26277.937500	36.9	V	331.0	42.3	-5.4	17.1	54

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

Full Spectrum



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)
27978.250000	27.9	V	0.0	44.6	-16.7	46.1	74
30340.750000	29.2	V	0.0	46.0	-16.8	44.8	74
31680.625000	30.9	H	0.0	46.4	-15.5	43.1	74
32581.750000	29.7	V	0.0	45.9	-16.2	44.3	74
37300.000000	31.8	V	0.0	48.3	-16.5	42.2	74
39244.000000	35.5	V	0.0	51.2	-15.7	38.5	74

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

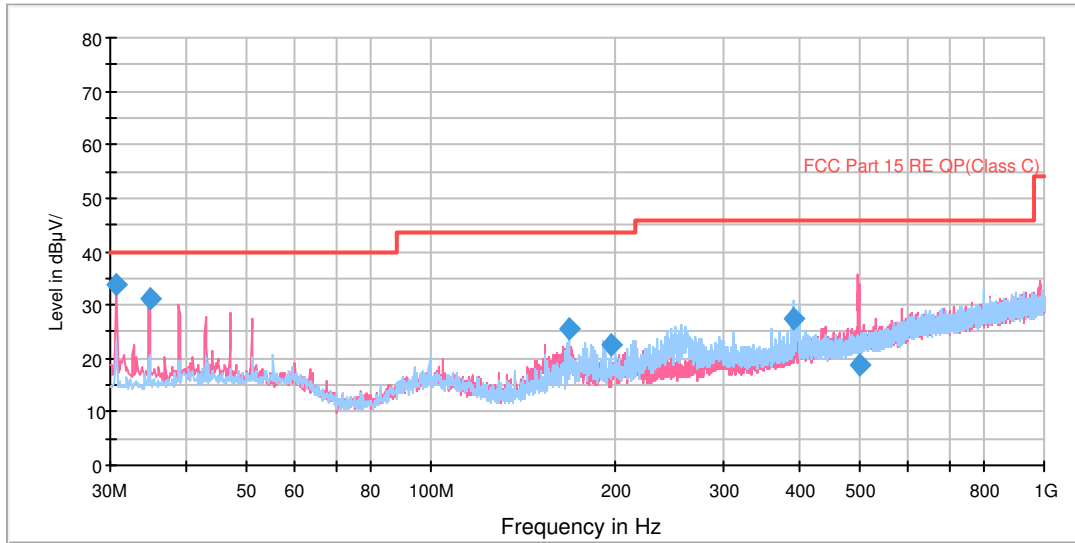
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27998.500000	17.8	V	0.0	34.4	-16.6	36.2	54
30253.000000	19.0	H	0.0	36.0	-17.0	35.0	54
30580.375000	20.3	H	0.0	36.7	-16.4	33.7	54
34650.625000	20.0	V	0.0	36.8	-16.8	34.0	54
37310.125000	21.6	V	0.0	38.1	-16.5	32.4	54
39929.125000	25.1	H	0.0	41.0	-15.9	28.9	54

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



802.11n (HT40) CH38

FCC RE 0.03-1GHz QP Class C



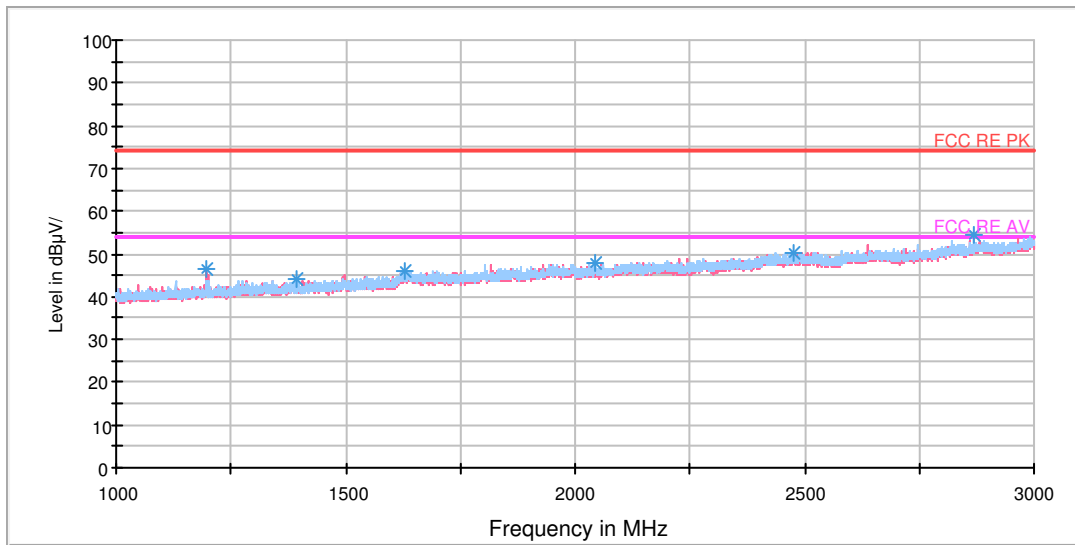
Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
30.727500	34.0	111.0	V	111.0	45.9	11.9	6.0	40.0
34.810000	31.0	100.0	V	107.0	42.9	11.9	9.0	40.0
168.022500	25.6	125.0	H	291.0	35.8	10.2	17.9	43.5
196.677500	22.6	125.0	H	91.0	34.4	11.8	20.9	43.5
391.076250	27.5	100.0	H	234.0	45.2	17.7	18.5	46.0
498.586250	18.7	100.0	V	307.0	38.6	19.9	27.3	46.0

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



RE 1G-3GHz PK+AV



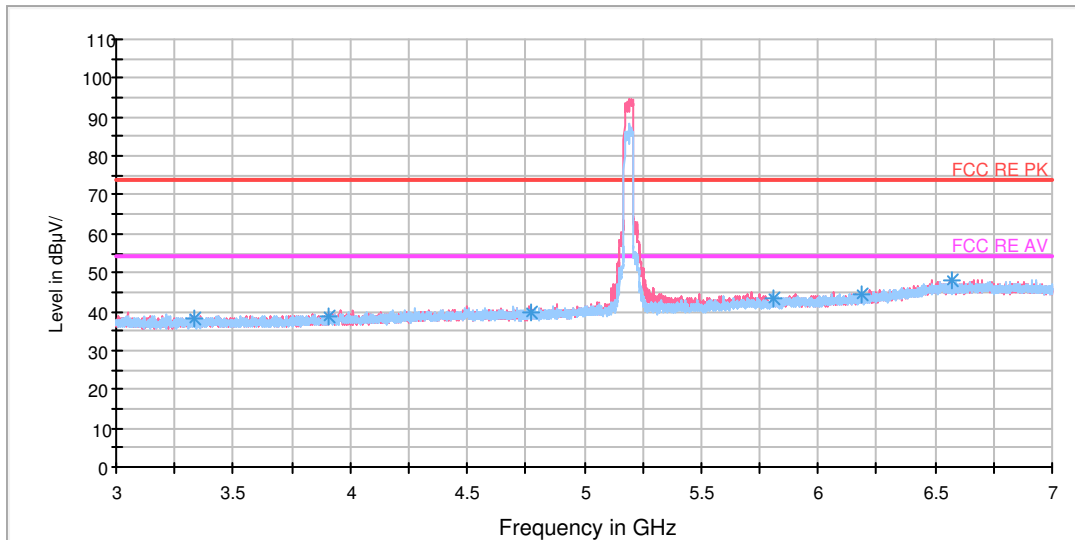
Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1196.750000	46.3	102.0	V	297.0	54.5	-8.2	27.7	74
1394.750000	44.1	102.0	H	0.0	51.2	-7.1	29.9	74
1630.250000	46.0	102.0	H	0.0	50.7	-4.7	28.0	74
2042.000000	47.9	102.0	H	142.0	51.1	-3.2	26.1	74
2475.500000	50.4	102.0	H	10.0	50.8	-0.4	23.6	74
2870.250000	54.4	102.0	H	125.0	56.5	2.1	19.6	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1183.500000	32.0	102.0	V	138.0	40.1	-8.1	22.0	54
1316.750000	32.9	102.0	V	34.0	40.3	-7.4	21.1	54
1646.750000	34.9	102.0	V	123.0	39.9	-5.0	19.1	54
2057.250000	36.2	102.0	H	253.0	39.4	-3.2	17.8	54
2490.250000	39.0	102.0	H	157.0	39.3	0.3	15.0	54
2994.750000	45.8	102.0	H	326.0	48.1	2.3	8.2	54

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



Note: The signal beyond the limit is carrier.

Radiates Emission from 3GHz to 7GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3333.000000	38.3	100.0	V	0.0	39.1	0.8	35.7	74
3906.000000	38.8	100.0	H	0.0	40.3	1.5	35.2	74
4769.500000	39.9	100.0	V	354.0	42.5	2.6	34.1	74
5805.500000	43.2	100.0	V	217.0	48.0	4.8	30.8	74
6185.500000	44.4	100.0	V	310.0	50.2	5.8	29.6	74
6572.500000	48.2	100.0	H	0.0	56.4	8.2	25.8	74

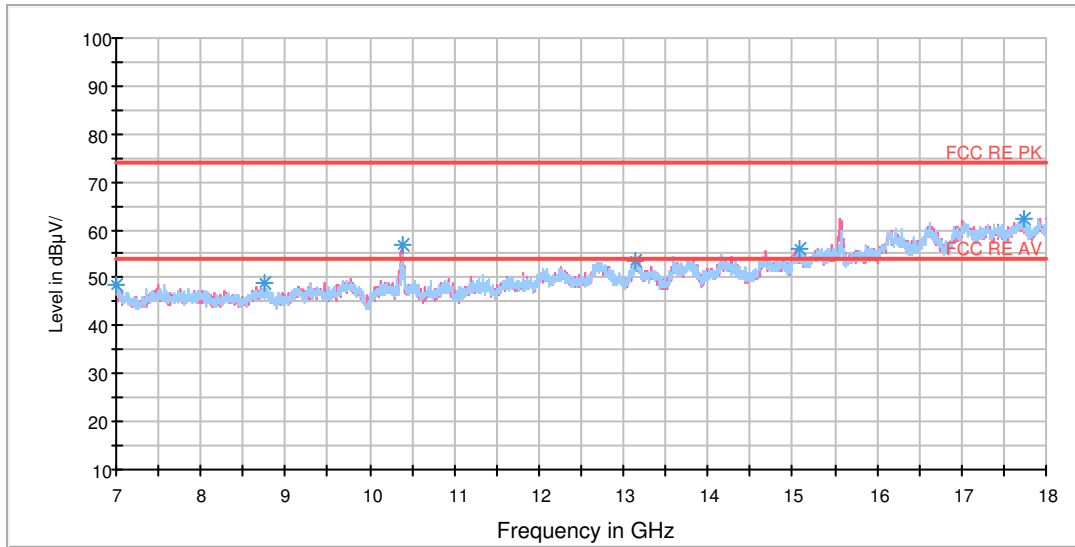
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3047.500000	27.4	100.0	V	0.0	28.3	0.9	26.6	54
3630.000000	26.8	100.0	V	140.0	27.5	0.7	27.2	54
4170.000000	27.9	100.0	V	0.0	29.8	1.9	26.1	54
5695.000000	32.4	100.0	V	231.0	36.9	4.5	21.6	54
6190.500000	33.1	100.0	V	349.0	39.0	5.9	20.9	54
6776.500000	35.5	100.0	H	0.0	43.9	8.4	18.5	54

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



RE 7-18GHz PK



Radiates Emission from 7GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7011.000000	48.5	101.0	H	277.0	56.8	8.3	25.5	74
8760.000000	49.0	101.0	H	298.0	57.7	8.7	25.0	74
10379.750000	57.0	101.0	V	340.0	66.9	9.9	17.0	74
13138.000000	53.7	101.0	H	244.0	69.1	15.4	20.3	74
15085.000000	56.0	101.0	H	298.0	74.6	18.6	18.0	74
17727.750000	62.4	101.0	V	233.0	87.0	24.6	11.6	74

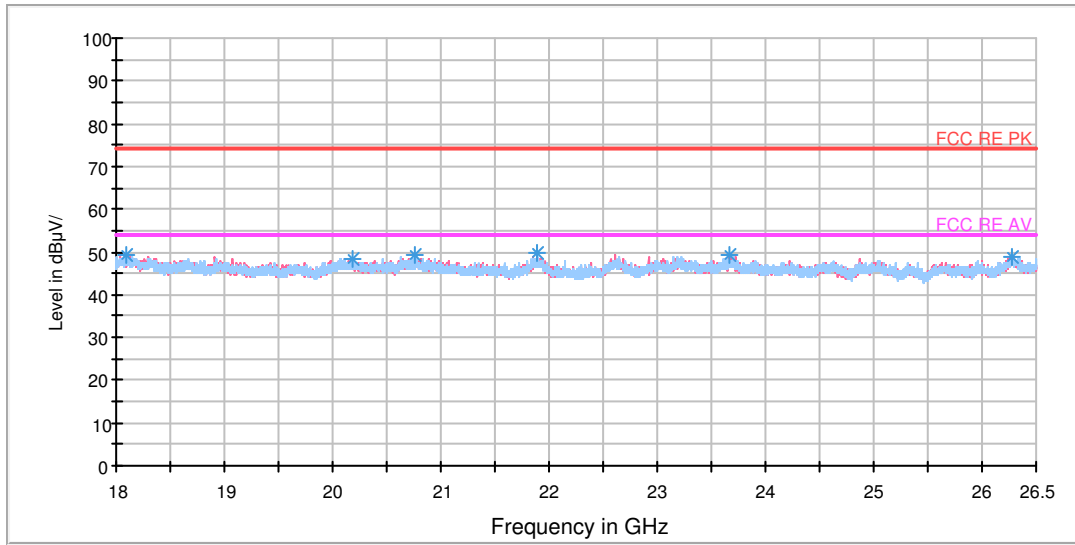
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7000.000000	38.2	102.0	V	0.0	46.7	8.5	15.8	54
9587.750000	38.0	102.0	V	180.0	47.9	9.9	16.0	54
10382.500000	48.0	102.0	V	0.0	57.9	9.9	6.0	54
13138.000000	43.1	102.0	V	180.0	58.5	15.4	10.9	54
15335.250000	45.2	102.0	V	180.0	63.7	18.5	8.8	54
15577.250000	52.8	102.0	V	0.0	71.8	19.0	1.2	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

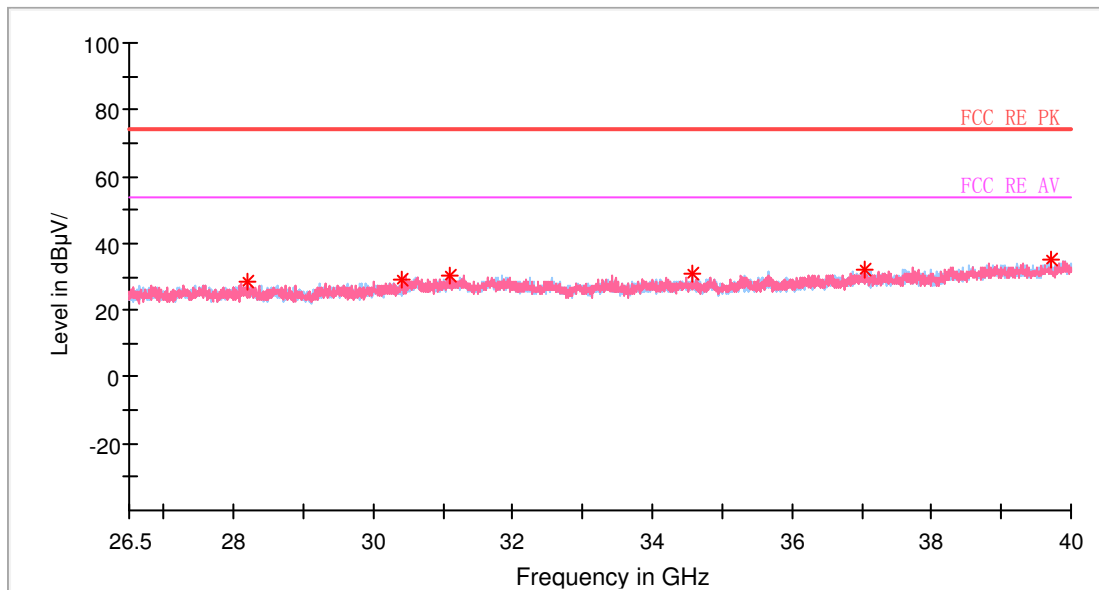
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18089.250000	49.4	V	352.0	51.6	-2.2	24.6	74
20177.062500	48.5	V	309.0	54.3	-5.8	25.5	74
20767.812500	49.1	H	206.0	56.0	-6.9	24.9	74
21897.250000	50.0	H	32.0	58.0	-8.0	24.0	74
23664.187500	49.5	V	0.0	55.4	-5.9	24.5	74
26270.500000	49.1	V	155.0	54.5	-5.4	24.9	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)
18054.187500	37.4	V	221.0	39.4	-2.0	16.6	54
20119.687500	36.4	V	0.0	42.2	-5.8	17.6	54
20796.500000	36.6	H	75.0	43.5	-6.9	17.4	54
23208.375000	36.9	V	352.0	42.9	-6.0	17.1	54
23667.375000	36.8	V	111.0	42.7	-5.9	17.2	54
26281.125000	37.3	V	352.0	42.7	-5.4	16.7	54

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

Full Spectrum



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)
28204.375000	28.3	V	0.0	44.8	-16.5	45.7	74
30398.125000	29.0	V	0.0	45.6	-16.6	45.0	74
31100.125000	30.5	H	0.0	46.3	-15.8	43.5	74
34566.250000	30.6	H	0.0	47.3	-16.7	43.4	74
37040.125000	31.8	V	0.0	48.4	-16.6	42.2	74
39699.625000	34.9	H	0.0	50.7	-15.8	39.1	74

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

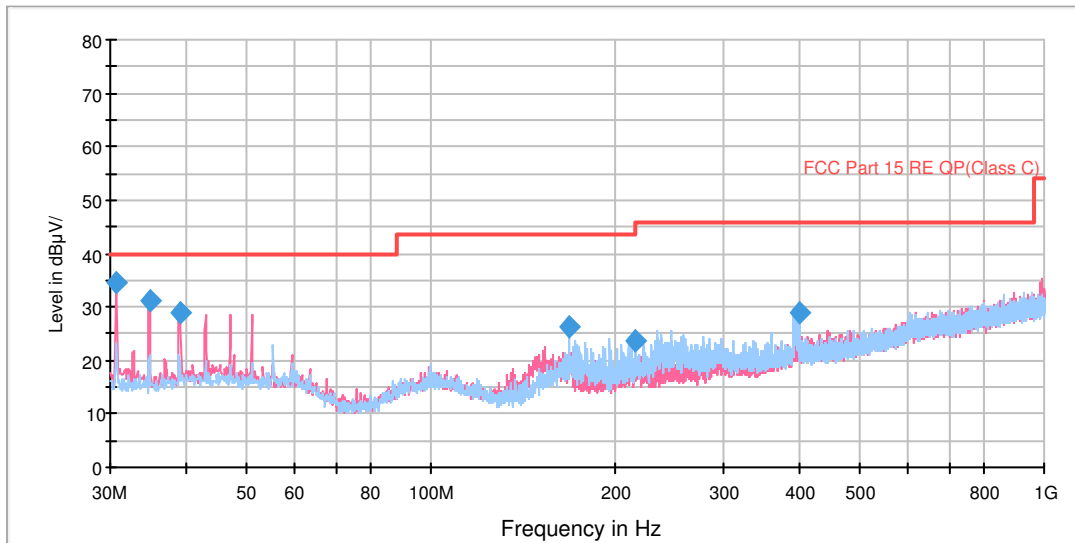
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28184.125000	17.9	V	0.0	34.4	-16.5	36.1	54
30246.250000	18.7	V	0.0	35.7	-17.0	35.3	54
30634.375000	21.0	H	0.0	37.4	-16.4	33.0	54
34542.625000	19.9	H	0.0	36.5	-16.6	34.1	54
37030.000000	21.9	V	0.0	38.5	-16.6	32.1	54
39709.750000	24.9	V	0.0	40.7	-15.8	29.1	54

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



802.11n (HT40) CH46

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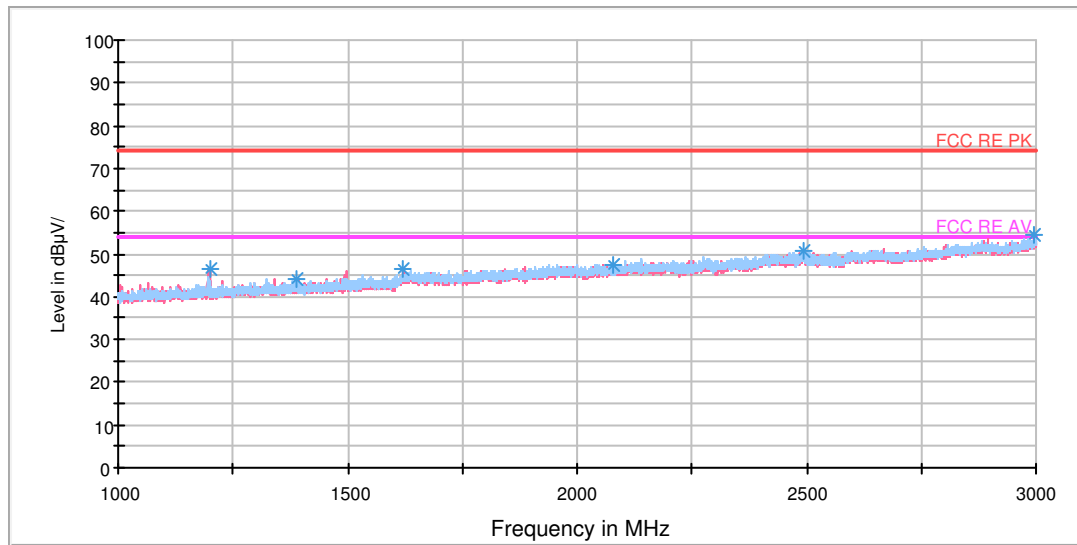


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
30.727500	34.6	100.0	V	113.0	46.5	11.9	5.4	40.0
34.808750	31.2	100.0	V	108.0	43.1	11.9	8.8	40.0
38.931250	28.9	100.0	V	106.0	41.8	12.9	11.1	40.0
168.022500	26.1	125.0	H	284.0	36.3	10.2	17.4	43.5
215.997500	23.7	125.0	H	100.0	36.4	12.7	19.8	43.5
399.090000	28.8	100.0	H	202.0	46.7	17.9	17.2	46.0

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

RE 1G-3GHz PK+AV



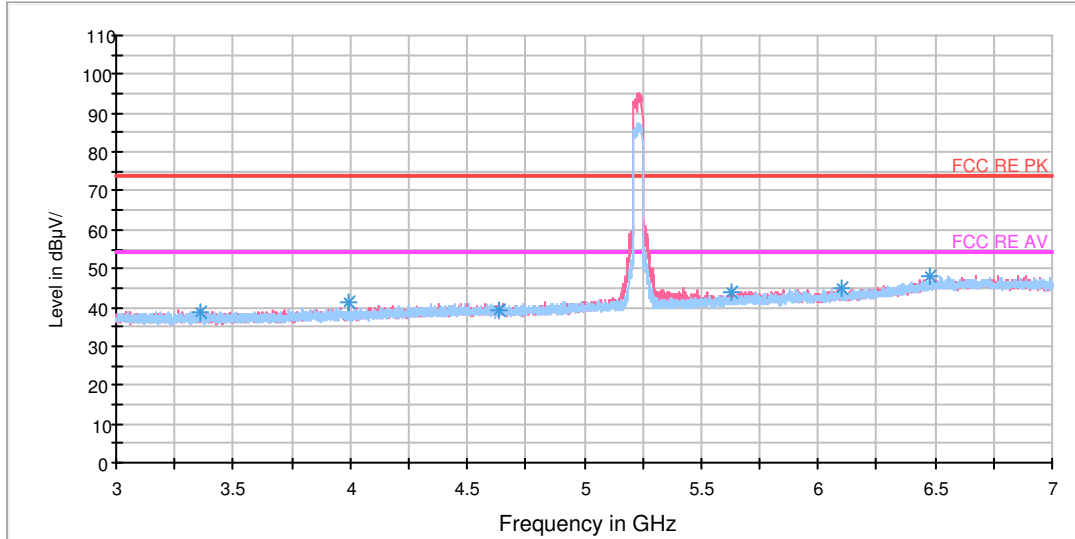
Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1199.000000	46.2	102.0	V	137.0	54.4	-8.2	27.8	74
1390.250000	44.2	102.0	V	280.0	51.2	-7.0	29.8	74
1622.250000	46.3	102.0	V	280.0	51.1	-4.8	27.7	74
2079.250000	47.5	102.0	H	96.0	50.5	-3.0	26.5	74
2493.250000	50.9	102.0	H	128.0	51.1	0.2	23.1	74
2996.500000	54.3	102.0	V	122.0	56.6	2.3	19.7	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1196.500000	32.0	102.0	H	0.0	40.2	-8.2	22.0	54
1310.500000	32.7	102.0	V	53.0	40.4	-7.7	21.3	54
1647.250000	35.0	102.0	V	349.0	40.0	-5.0	19.0	54
1959.500000	36.0	102.0	H	0.0	39.2	-3.2	18.0	54
2489.000000	39.2	102.0	H	112.0	39.5	0.3	14.8	54
2994.750000	45.5	102.0	V	13.0	47.8	2.3	8.5	54

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



Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 7GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3357.500000	38.5	100.0	H	222.0	39.4	0.9	35.5	74
3990.500000	41.3	100.0	V	258.0	42.7	1.4	32.7	74
4635.500000	39.1	100.0	V	69.0	41.4	2.3	34.9	74
5626.500000	43.6	100.0	V	244.0	47.9	4.3	30.4	74
6104.000000	44.8	100.0	H	4.0	50.1	5.3	29.2	74
6480.500000	48.0	100.0	V	231.0	56.2	8.2	26.0	74

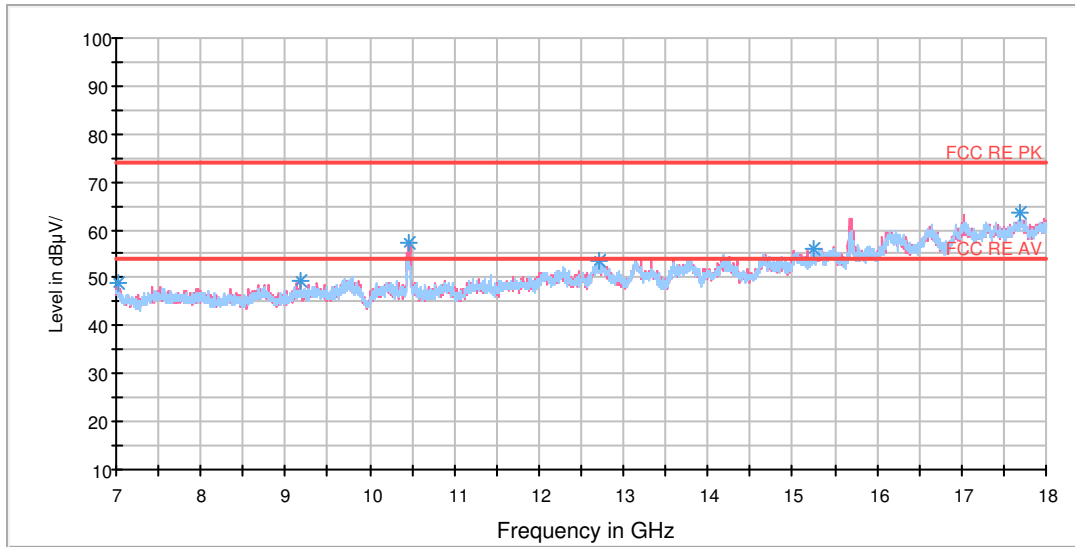
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3268.500000	27.2	100.0	V	334.0	28.1	0.9	26.8	54
3846.500000	27.3	100.0	V	0.0	28.8	1.5	26.7	54
4455.000000	28.0	100.0	V	310.0	30.1	2.1	26.0	54
5693.500000	31.9	100.0	V	217.0	36.3	4.4	22.1	54
6211.500000	32.5	100.0	H	208.0	38.3	5.8	21.5	54
6754.000000	35.7	100.0	H	180.0	43.9	8.2	18.3	54

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



RE 7-18GHz PK



Radiates Emission from 7GHz to 18GHz

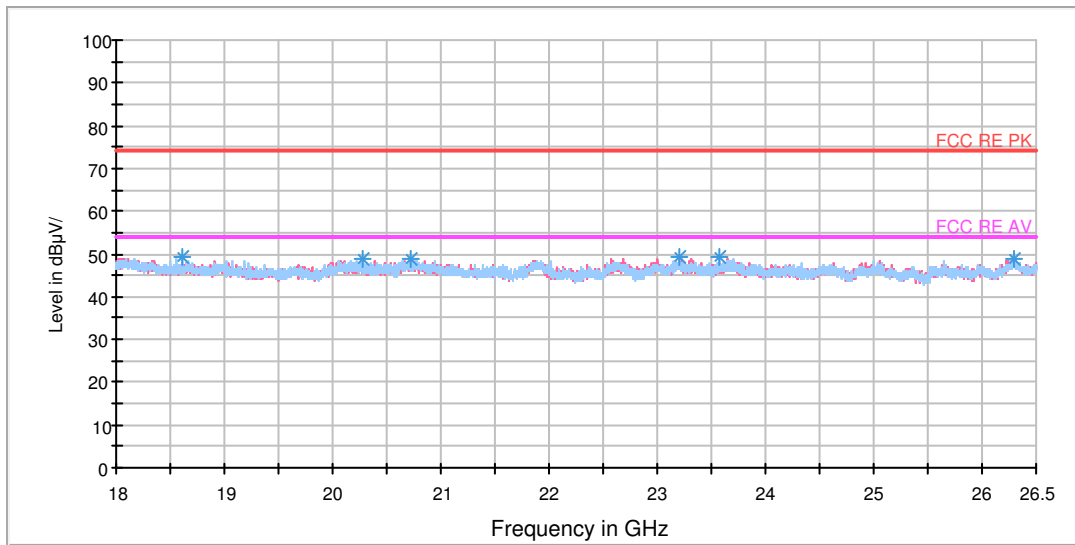
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7016.500000	48.9	101.0	H	203.0	57.1	8.2	25.1	74
9172.500000	49.2	101.0	V	309.0	57.9	8.7	24.8	74
10462.250000	57.5	101.0	V	350.0	67.9	10.4	16.5	74
12709.000000	53.4	101.0	H	172.0	67.8	14.4	20.6	74
15252.750000	56.0	101.0	H	290.0	74.5	18.5	18.0	74
17700.250000	63.5	101.0	H	248.0	88.3	24.8	10.5	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7000.000000	38.3	102.0	V	180.0	46.8	8.5	15.7	54
9587.750000	38.0	102.0	V	180.0	47.9	9.9	16.0	54
10462.250000	47.6	102.0	V	0.0	58.0	10.4	6.4	54
13138.000000	43.1	102.0	V	0.0	58.5	15.4	10.9	54
15335.250000	45.2	102.0	V	180.0	63.7	18.5	8.8	54
15695.500000	51.3	102.0	V	0.0	70.5	19.2	2.7	54

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

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

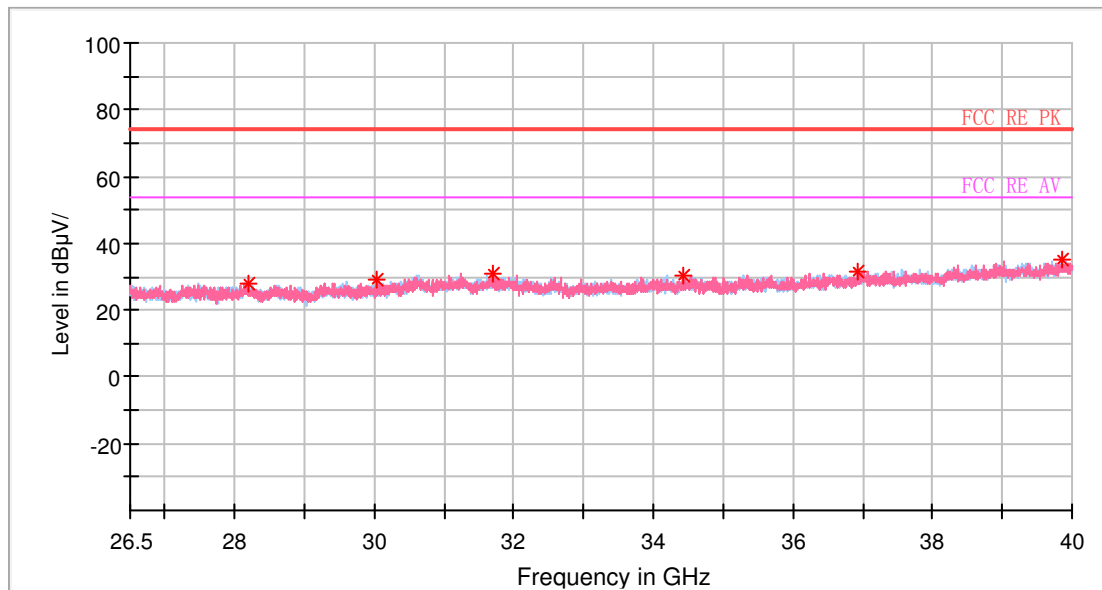
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18609.875000	49.3	H	0.0	53.5	-4.2	24.7	74
20286.500000	48.7	H	0.0	54.7	-6.0	25.3	74
20727.437500	48.7	V	354.0	55.5	-6.8	25.3	74
23209.437500	49.4	H	9.0	55.4	-6.0	24.6	74
23567.500000	49.2	H	0.0	55.1	-5.9	24.8	74
26288.562500	49.0	H	227.0	54.4	-5.4	25.0	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)
18068.000000	37.4	V	65.0	39.5	-2.1	16.6	54
20084.625000	36.5	V	65.0	42.2	-5.7	17.5	54
20665.812500	36.6	H	9.0	43.2	-6.6	17.4	54
21889.812500	37.0	V	156.0	45.0	-8.0	17.0	54
23666.312500	36.8	V	333.0	42.7	-5.9	17.2	54
26299.187500	36.9	V	244.0	42.3	-5.4	17.1	54

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

Full Spectrum



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)
28197.625000	28.1	H	0.0	44.6	-16.5	45.9	74
30026.875000	29.0	V	0.0	46.4	-17.4	45.0	74
31687.375000	30.9	V	0.0	46.4	-15.5	43.1	74
34414.375000	30.3	V	0.0	46.7	-16.4	43.7	74
36932.125000	31.4	V	0.0	48.0	-16.6	42.6	74
39865.000000	34.9	V	0.0	50.8	-15.9	39.1	74

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

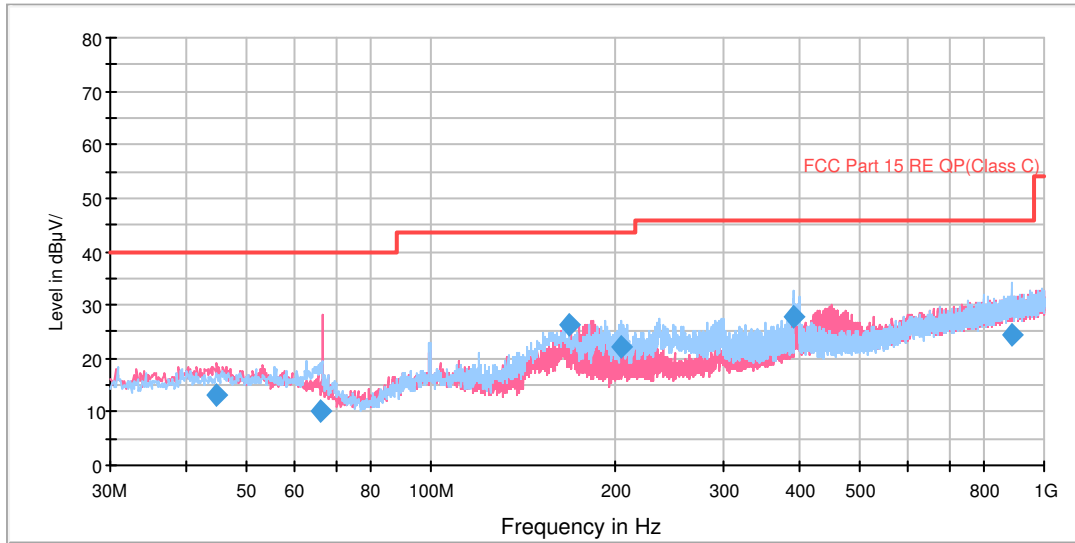
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27515.875000	17.7	H	0.0	34.8	-17.1	36.3	54
30226.000000	18.8	V	0.0	35.8	-17.0	35.2	54
31700.875000	20.3	V	0.0	35.7	-15.4	33.7	54
34576.375000	20.0	H	0.0	36.7	-16.7	34.0	54
37070.500000	21.7	V	0.0	38.3	-16.6	32.3	54
39939.250000	25.4	H	0.0	41.3	-15.9	28.6	54

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



802.11n (HT40) CH54

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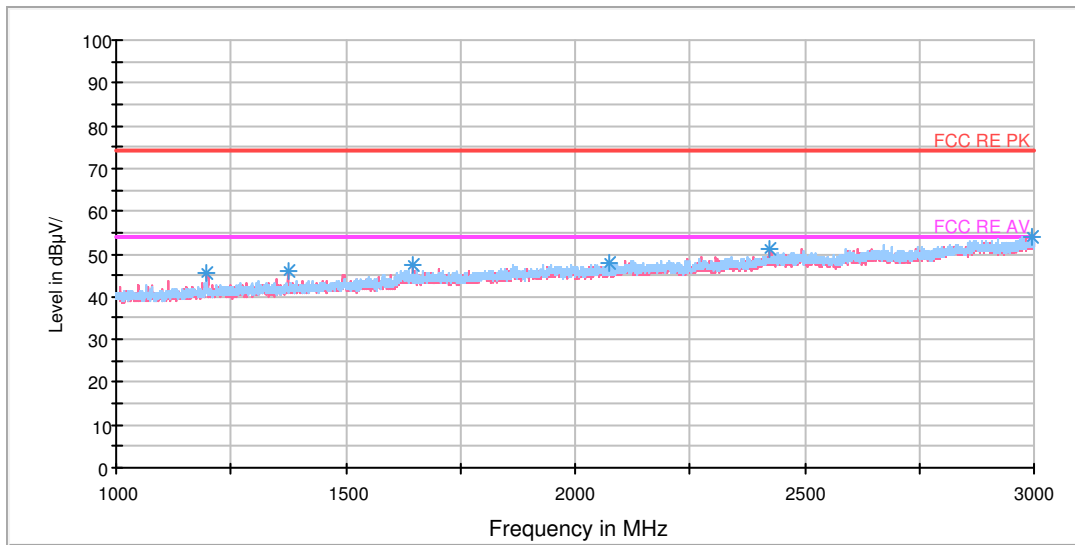


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
44.592500	13.1	100.0	V	111.0	26.2	13.1	26.9	40.0
65.936250	10.1	100.0	V	312.0	20.3	10.2	29.9	40.0
167.982500	26.2	125.0	H	289.0	36.4	10.2	17.3	43.5
204.000000	22.3	125.0	H	107.0	34.5	12.2	21.2	43.5
391.078750	27.9	100.0	H	238.0	45.6	17.7	18.1	46.0
885.212500	24.5	114.0	H	143.0	50.0	25.5	21.5	46.0

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

RE 1G-3GHz PK+AV



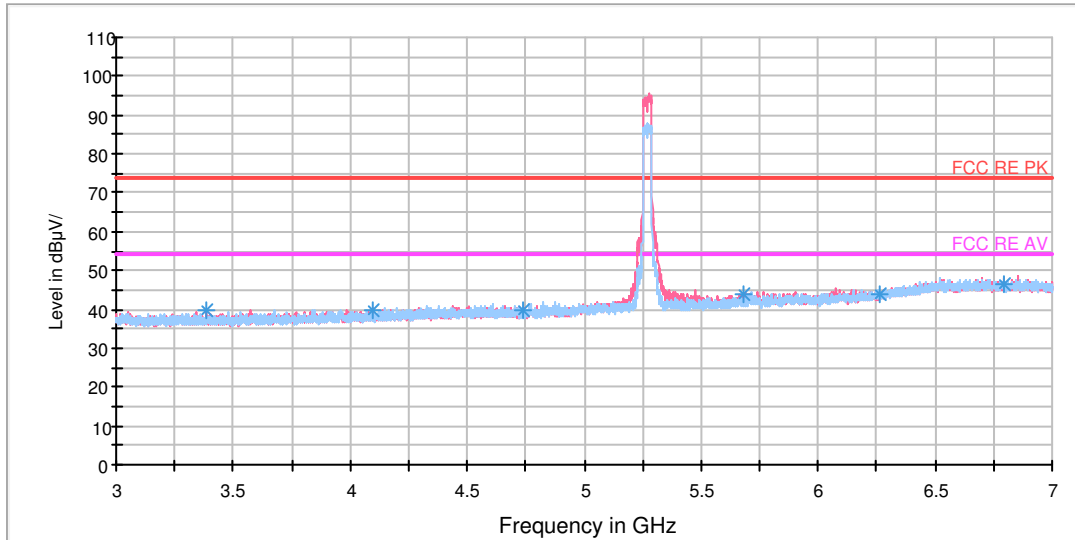
Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1194.750000	45.7	102.0	V	126.0	53.9	-8.2	28.3	74
1373.500000	46.0	102.0	V	220.0	53.1	-7.1	28.0	74
1647.750000	47.4	102.0	V	158.0	52.4	-5.0	26.6	74
2074.750000	47.7	102.0	H	13.0	50.8	-3.1	26.3	74
2422.000000	51.2	102.0	V	268.0	51.7	-0.5	22.8	74
2994.500000	54.1	102.0	V	14.0	56.4	2.3	19.9	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1194.750000	33.5	102.0	V	126.0	41.7	-8.2	20.5	54
1433.750000	32.2	102.0	H	0.0	39.1	-6.9	21.8	54
1647.500000	35.3	102.0	V	158.0	40.3	-5.0	18.7	54
1991.750000	36.3	102.0	H	13.0	39.6	-3.3	17.7	54
2492.250000	39.1	102.0	H	94.0	39.4	0.3	14.9	54
2994.500000	45.0	102.0	V	14.0	47.3	2.3	9.0	54

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



Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 7GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3387.500000	39.6	100.0	V	359.0	40.3	0.7	34.4	74
4094.000000	39.7	100.0	V	198.0	41.2	1.5	34.3	74
4741.500000	40.0	100.0	V	279.0	42.4	2.4	34.0	74
5680.500000	43.7	100.0	V	226.0	48.2	4.5	30.3	74
6261.000000	43.7	100.0	V	353.0	49.8	6.1	30.3	74
6795.000000	46.6	100.0	V	330.0	54.6	8.0	27.4	74

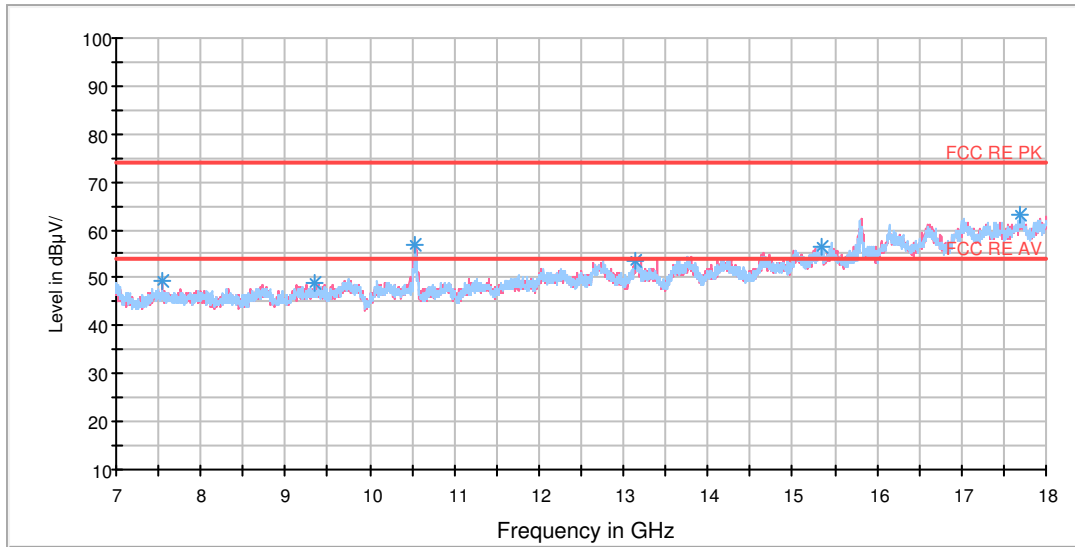
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3029.500000	27.3	100.0	V	357.0	28.1	0.8	26.7	54
3631.500000	26.9	100.0	V	357.0	27.6	0.7	27.1	54
4539.500000	28.5	100.0	V	239.0	30.9	2.4	25.5	54
5831.500000	32.0	100.0	V	70.0	36.7	4.7	22.0	54
6376.000000	33.4	100.0	H	51.0	40.3	6.9	20.6	54
6932.000000	35.3	100.0	V	355.0	43.4	8.1	18.7	54

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



RE 7-18GHz PK



Radiates Emission from 7GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7541.750000	49.3	101.0	V	350.0	56.5	7.2	24.7	74
9340.250000	48.9	101.0	H	301.0	58.4	9.5	25.1	74
10542.000000	57.0	101.0	H	290.0	67.8	10.8	17.0	74
13138.000000	53.6	101.0	V	350.0	69.0	15.4	20.4	74
15340.750000	56.6	101.0	H	106.0	75.2	18.6	17.4	74
17692.000000	63.3	101.0	H	74.0	88.1	24.8	10.7	74

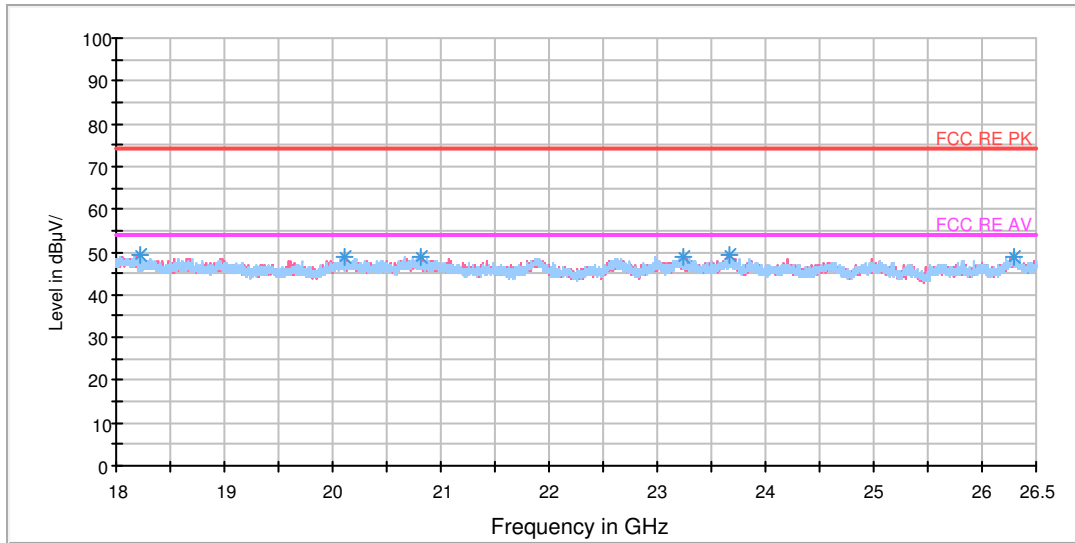
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7000.000000	38.3	102.0	V	180.0	46.8	8.5	15.7	54
9587.750000	38.0	102.0	V	180.0	47.9	9.9	16.0	54
10542.000000	47.9	102.0	V	180.0	58.7	10.8	6.1	54
13138.000000	43.1	102.0	V	180.0	58.5	15.4	10.9	54
15338.000000	45.2	102.0	V	0.0	63.8	18.6	8.8	54
15816.500000	52.3	102.0	V	0.0	72.2	19.9	1.7	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)
18213.562500	49.3	H	53.0	52.0	-2.7	24.7	74
20114.375000	49.0	H	74.0	54.8	-5.8	25.0	74
20809.250000	48.8	V	200.0	55.8	-7.0	25.2	74
23246.625000	49.0	V	310.0	55.0	-6.0	25.0	74
23673.750000	49.2	V	288.0	55.1	-5.9	24.8	74
26290.687500	48.9	H	161.0	54.3	-5.4	25.1	74

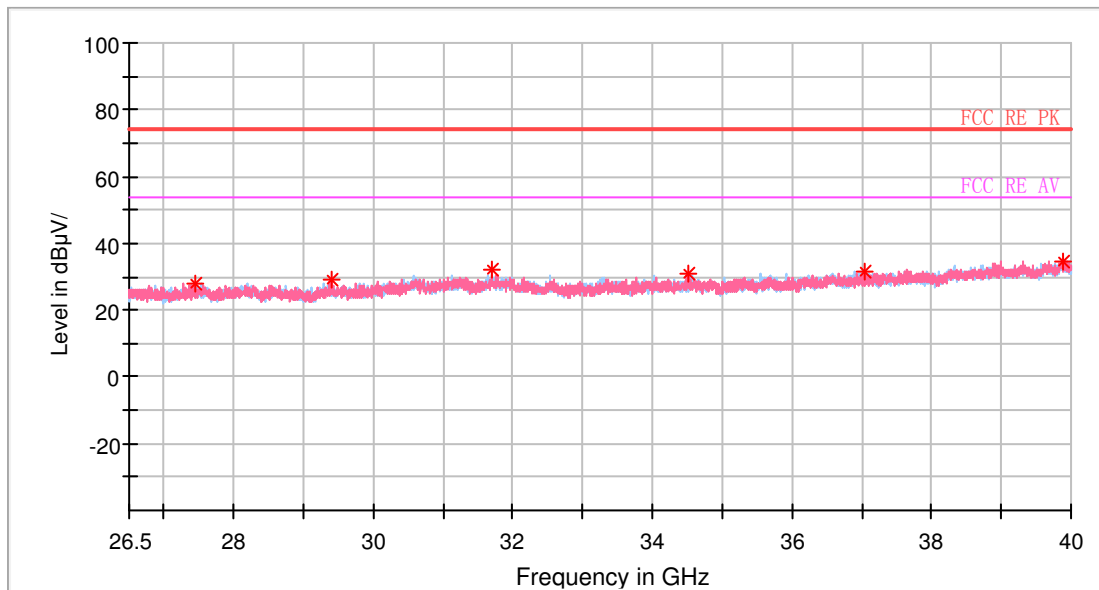
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18061.625000	37.2	101.0	V	39.3	-2.1	16.8	54
20049.562500	36.4	101.0	V	42.1	-5.7	17.6	54
20777.375000	36.6	101.0	H	43.5	-6.9	17.4	54
21890.875000	36.9	101.0	V	44.9	-8.0	17.1	54
23667.375000	36.7	101.0	H	42.6	-5.9	17.3	54
26294.937500	37.0	101.0	V	42.4	-5.4	17.0	54

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



Full Spectrum



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)
27441.625000	28.1	H	0.0	45.1	-17.0	45.9	74
29392.375000	29.0	V	0.0	46.0	-17.0	45.0	74
31700.875000	31.9	H	0.0	47.3	-15.4	42.1	74
34525.750000	30.8	V	0.0	47.4	-16.6	43.2	74
37033.375000	31.3	H	0.0	47.9	-16.6	42.7	74
39892.000000	34.7	V	0.0	50.6	-15.9	39.3	74

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

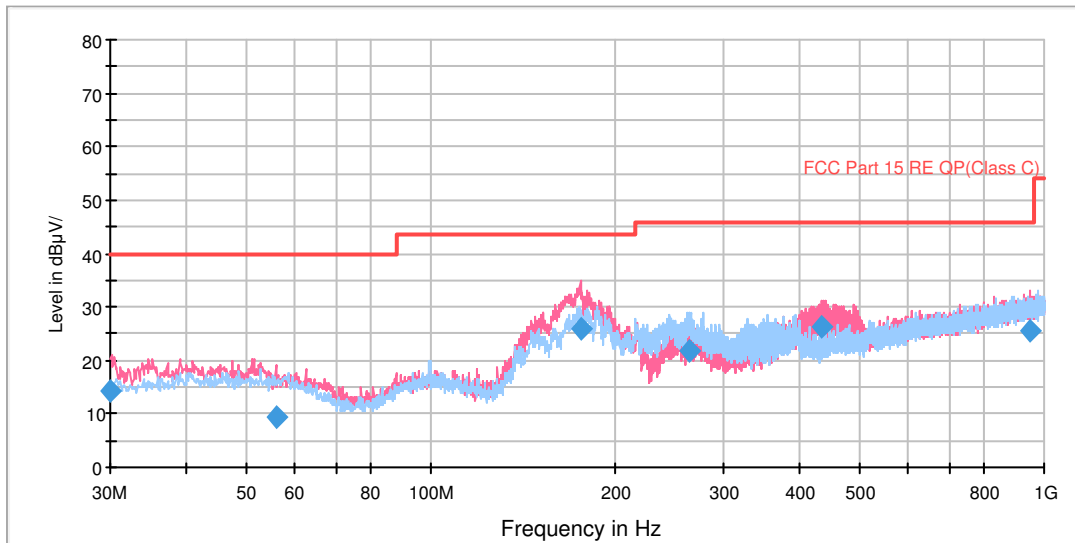
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28150.375000	17.8	V	0.0	34.2	-16.4	36.2	54
30168.625000	18.6	V	0.0	35.7	-17.1	35.4	54
31711.000000	20.5	H	0.0	35.9	-15.4	33.5	54
34819.375000	19.9	V	0.0	36.7	-16.8	34.1	54
37340.500000	22.0	V	0.0	38.5	-16.5	32.0	54
39895.375000	25.4	H	0.0	41.3	-15.9	28.6	54

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



802.11n (HT40) CH62

FCC RE 0.03-1GHz QP Class C



Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
30.000000	14.2	100.0	V	344.0	26.1	11.9	25.8	40.0
55.906250	9.5	125.0	V	67.0	22.2	12.7	30.5	40.0
175.257500	25.8	100.0	V	0.0	36.4	10.6	17.7	43.5
262.996250	21.7	100.0	H	351.0	36.1	14.4	24.3	46.0
435.332500	26.1	100.0	V	0.0	44.7	18.6	19.9	46.0
945.240000	25.4	100.0	V	0.0	51.4	26.0	20.6	46.0

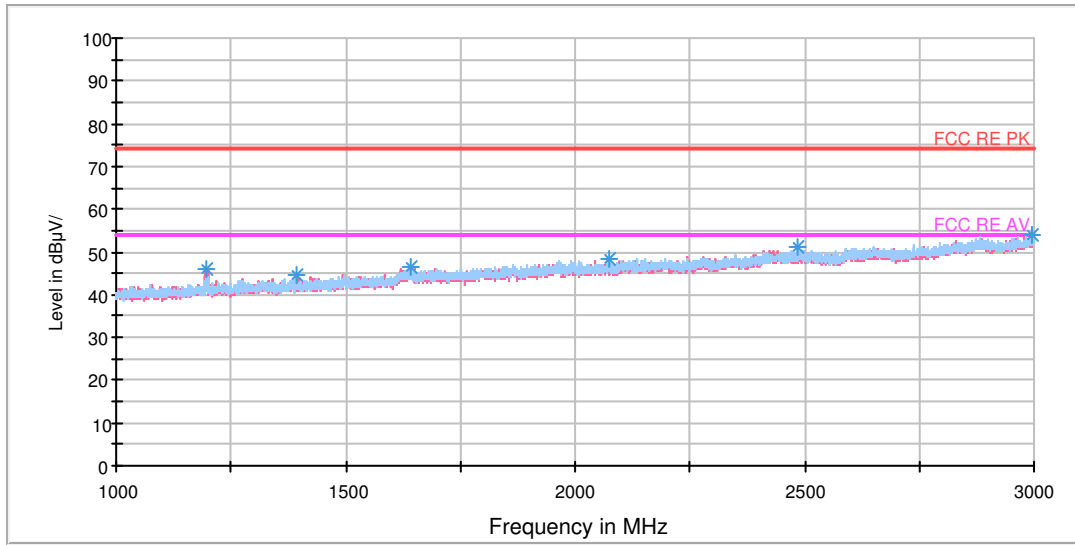
Remark: 1. Quasi-Peak = Reading value + Correction factor

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

3. Margin = Limit – Quasi-Peak



RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

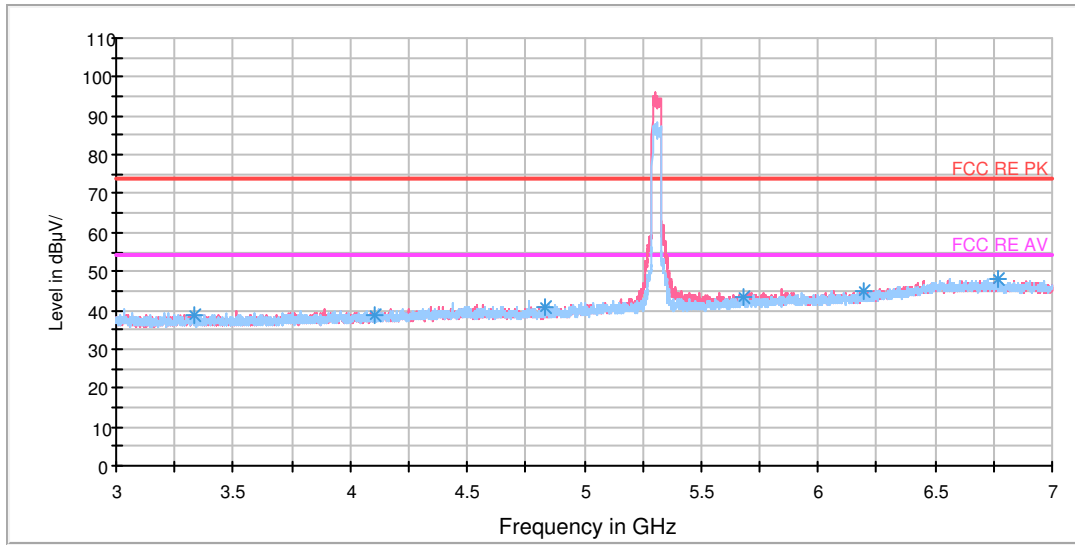
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1194.500000	46.0	102.0	V	294.0	54.2	-8.2	28.0	74
1393.000000	44.6	102.0	V	263.0	51.6	-7.0	29.4	74
1639.750000	46.7	102.0	V	263.0	51.4	-4.7	27.3	74
2076.000000	48.5	102.0	H	0.0	51.5	-3.0	25.5	74
2485.000000	51.0	102.0	H	147.0	51.1	-0.1	23.0	74
2994.500000	53.8	102.0	V	13.0	56.1	2.3	20.2	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1199.250000	32.9	102.0	V	137.0	41.1	-8.2	21.1	54
1319.500000	32.7	102.0	H	0.0	40.0	-7.3	21.3	54
1646.750000	35.0	102.0	V	153.0	40.0	-5.0	19.0	54
1997.000000	36.1	102.0	H	194.0	39.4	-3.3	17.9	54
2490.000000	38.9	102.0	H	83.0	39.2	0.3	15.1	54
2994.750000	45.0	102.0	V	201.0	47.3	2.3	9.0	54

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

RE 1G-18GHz PK+AV Class B



Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 7GHz

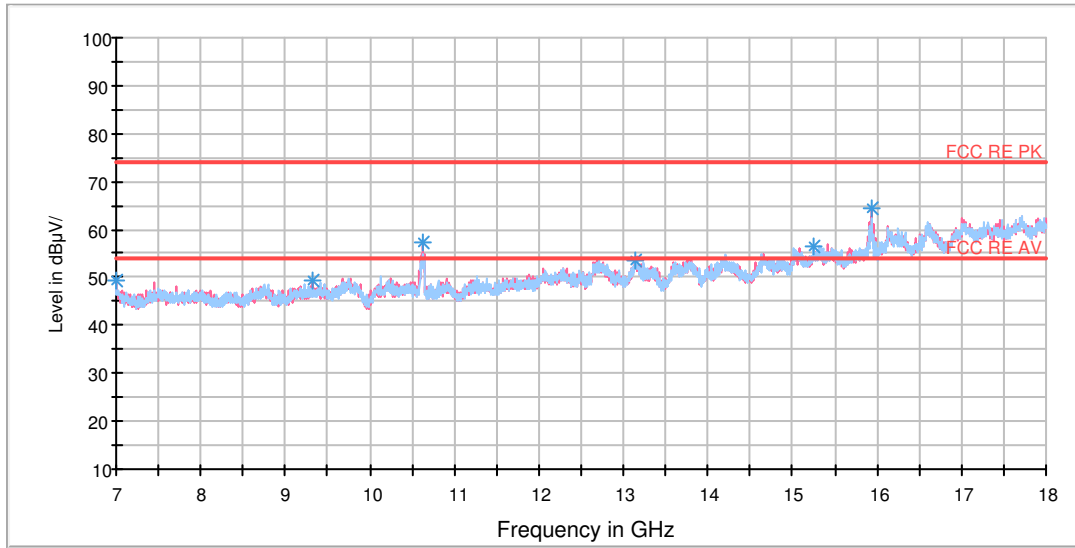
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3330.000000	38.5	100.0	V	0.0	39.5	1.0	35.5	74
4104.000000	38.9	100.0	V	305.0	40.2	1.3	35.1	74
4830.000000	40.6	100.0	V	326.0	43.0	2.4	33.4	74
5678.500000	43.5	100.0	H	124.0	48.0	4.5	30.5	74
6191.500000	44.9	100.0	V	326.0	50.7	5.8	29.1	74
6773.000000	48.2	100.0	V	357.0	56.4	8.2	25.8	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)
3594.000000	26.9	100.0	H	0.0	27.8	0.9	27.1	54
4384.000000	28.7	100.0	V	0.0	31.1	2.4	25.3	54
4951.500000	29.6	100.0	V	355.0	32.7	3.1	24.4	54
5937.500000	32.1	100.0	V	0.0	37.3	5.2	21.9	54
6397.500000	34.2	100.0	V	0.0	41.5	7.3	19.8	54
6718.500000	36.1	100.0	H	111.0	44.7	8.6	17.9	54

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

RE 7-18GHz PK



Radiates Emission from 7GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7002.750000	49.4	101.0	V	102.0	57.9	8.5	24.6	74
9329.250000	49.5	101.0	V	134.0	58.9	9.4	24.5	74
10619.000000	57.2	101.0	V	5.0	67.2	10.0	16.8	74
13132.500000	53.7	101.0	H	150.0	68.8	15.1	20.3	74
15258.250000	56.6	101.0	H	3.0	75.1	18.5	17.4	74
15937.500000	64.6	101.0	V	167.0	84.8	20.2	9.4	74

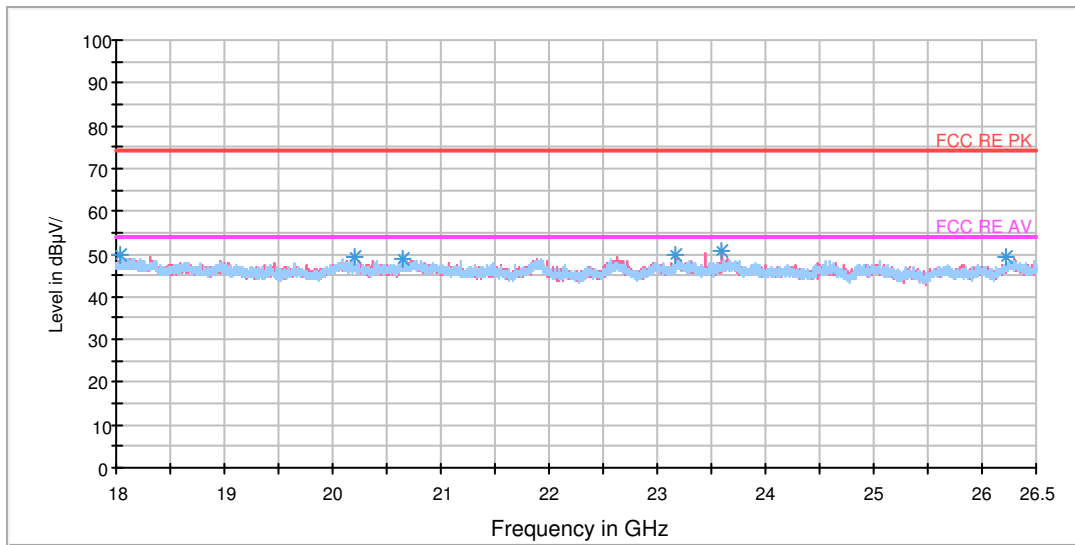
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7000.000000	38.3	102.0	V	180.0	46.8	8.5	15.7	54
9587.750000	38.0	102.0	V	180.0	47.9	9.9	16.0	54
10621.750000	48.4	102.0	V	0.0	58.5	10.1	5.6	54
13138.000000	43.2	102.0	V	180.0	58.6	15.4	10.8	54
15338.000000	45.2	102.0	V	0.0	63.8	18.6	8.8	54
17708.500000	51.9	102.0	V	180.0	76.7	24.8	2.1	54

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



RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

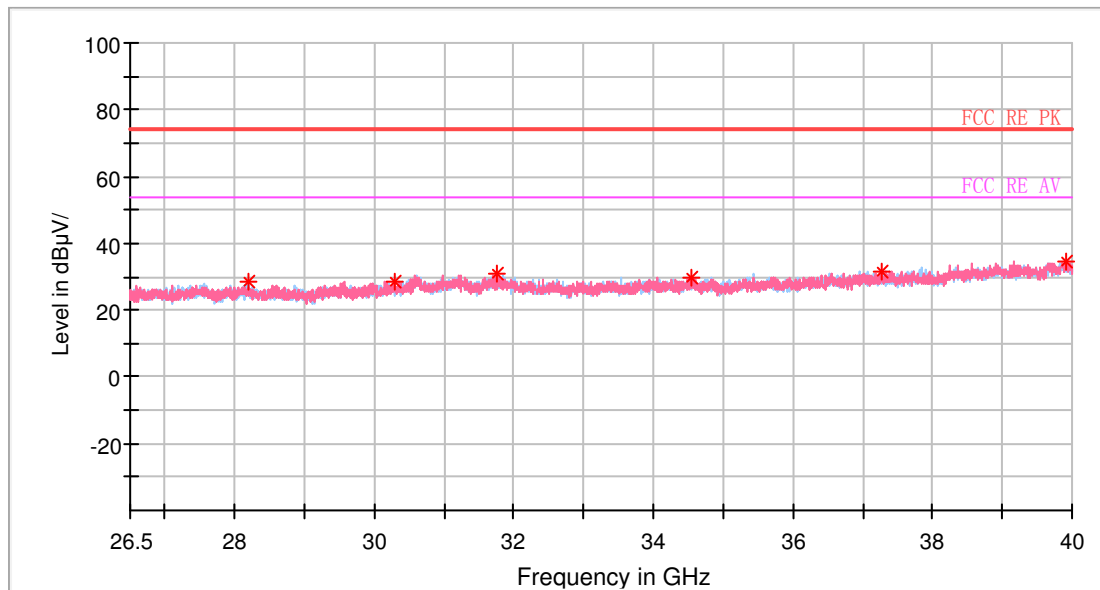
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18034.000000	49.9	H	0.0	51.8	-1.9	24.1	74
20196.187500	49.5	H	0.0	55.4	-5.9	24.5	74
20656.250000	48.8	H	71.0	55.4	-6.6	25.2	74
23163.750000	49.7	V	0.0	55.8	-6.1	24.3	74
23601.500000	50.5	V	155.0	56.4	-5.9	23.5	74
26225.875000	49.3	V	0.0	54.7	-5.4	24.7	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)
18061.625000	37.2	V	331.0	39.3	-2.1	16.8	54
20094.187500	36.5	V	0.0	42.3	-5.8	17.5	54
20756.125000	36.7	H	160.0	43.5	-6.8	17.3	54
21886.625000	37.0	H	160.0	45.0	-8.0	17.0	54
23704.562500	36.7	H	0.0	42.6	-5.9	17.3	54
26287.500000	36.9	V	155.0	42.3	-5.4	17.1	54

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

Full Spectrum



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)
28197.625000	28.2	H	0.0	44.7	-16.5	45.8	74
30290.125000	28.5	V	0.0	45.4	-16.9	45.5	74
31768.375000	30.8	H	0.0	46.2	-15.4	43.2	74
34552.750000	30.0	H	0.0	46.6	-16.6	44.0	74
37266.250000	31.8	V	0.0	48.4	-16.6	42.2	74
39912.250000	34.3	H	0.0	50.2	-15.9	39.7	74

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

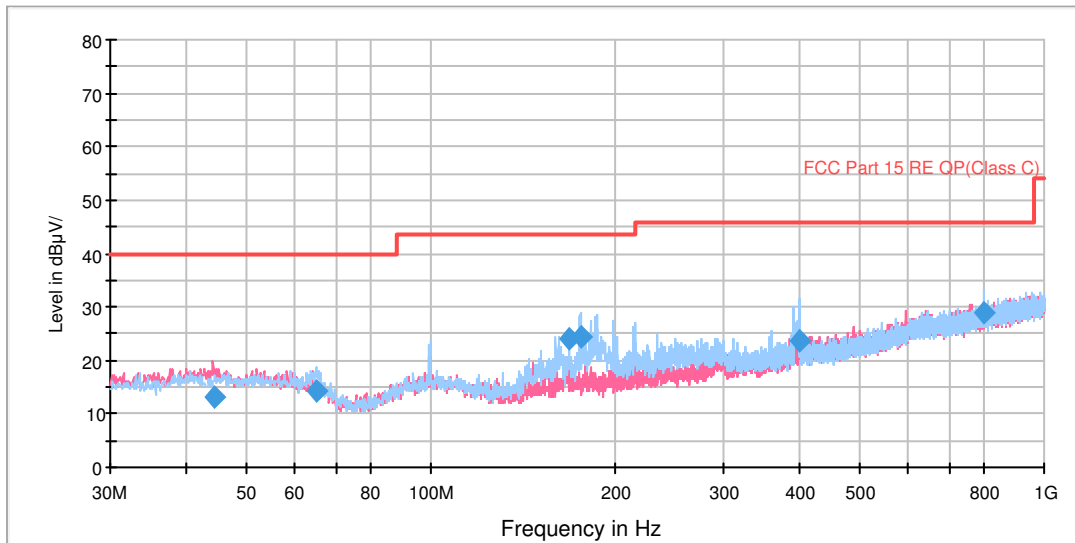
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27596.875000	17.8	H	0.0	34.8	-17.0	36.2	54
30188.875000	18.4	H	0.0	35.5	-17.1	35.6	54
31697.500000	20.3	V	0.0	35.7	-15.4	33.7	54
34822.750000	20.0	H	0.0	36.8	-16.8	34.0	54
36952.375000	21.9	H	0.0	38.5	-16.6	32.1	54
39908.875000	25.3	H	0.0	41.2	-15.9	28.7	54

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



802.11n (HT40) CH102

FCC RE 0.03-1GHz QP Class C

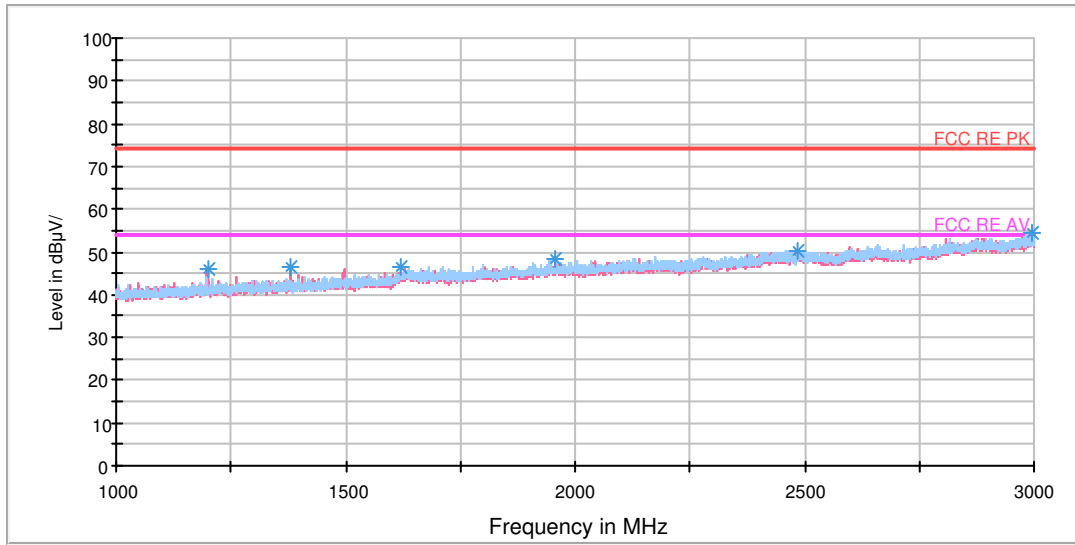


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
44.426250	13.0	100.0	V	141.0	26.1	13.1	27.0	40.0
64.960000	14.1	125.0	H	44.0	24.7	10.6	25.9	40.0
168.022500	24.2	125.0	H	0.0	34.4	10.2	19.3	43.5
175.377500	24.4	125.0	H	119.0	35.0	10.6	19.1	43.5
399.161250	23.7	111.0	H	177.0	41.6	17.9	22.3	46.0
799.448750	29.0	100.0	H	43.0	53.4	24.4	17.0	46.0

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

RE 1G-3GHz PK+AV



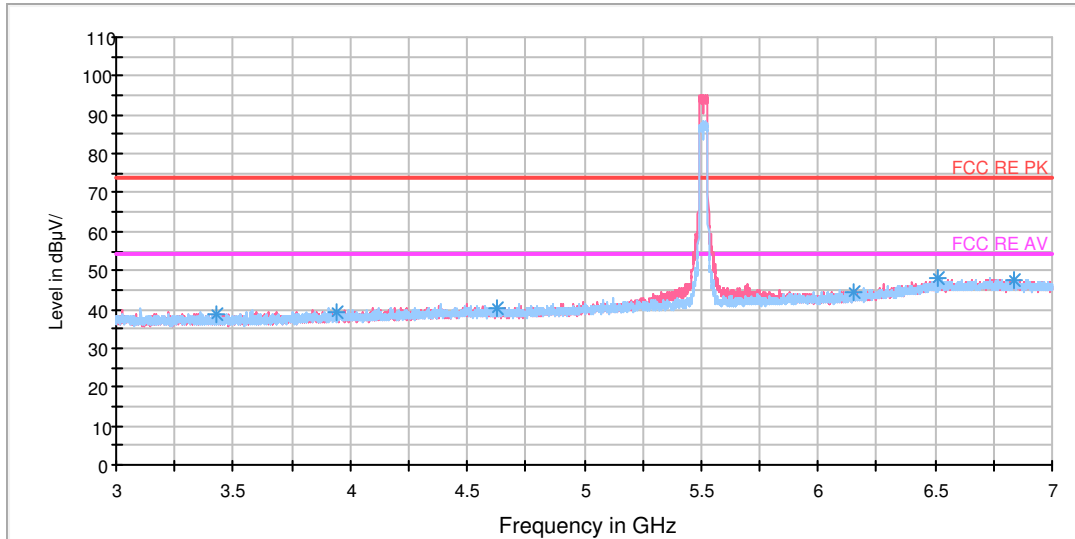
Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1198.750000	45.9	102.0	V	139.0	54.1	-8.2	28.1	74
1380.750000	46.3	102.0	V	247.0	53.3	-7.0	27.7	74
1619.500000	46.6	102.0	H	18.0	51.5	-4.9	27.4	74
1958.000000	48.6	102.0	H	97.0	51.9	-3.3	25.4	74
2486.750000	50.4	102.0	H	0.0	50.5	0.1	23.6	74
2994.500000	54.4	102.0	H	327.0	56.7	2.3	19.6	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1197.750000	32.5	102.0	V	139.0	40.7	-8.2	21.5	54
1342.250000	32.6	102.0	V	13.0	40.1	-7.5	21.4	54
1646.750000	35.1	102.0	V	0.0	40.1	-5.0	18.9	54
1991.000000	36.1	102.0	H	0.0	39.4	-3.3	17.9	54
2489.500000	39.2	102.0	H	18.0	39.5	0.3	14.8	54
2995.000000	45.5	102.0	H	327.0	47.8	2.3	8.5	54

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



Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 7GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3427.500000	38.5	100.0	H	6.0	39.1	0.6	35.5	74
3946.000000	39.1	100.0	V	205.0	40.3	1.2	34.9	74
4629.500000	40.1	100.0	V	351.0	42.4	2.3	33.9	74
6154.000000	44.6	100.0	V	98.0	50.3	5.7	29.4	74
6512.000000	48.3	100.0	H	3.0	56.4	8.1	25.7	74
6836.500000	47.3	100.0	V	285.0	55.7	8.4	26.7	74

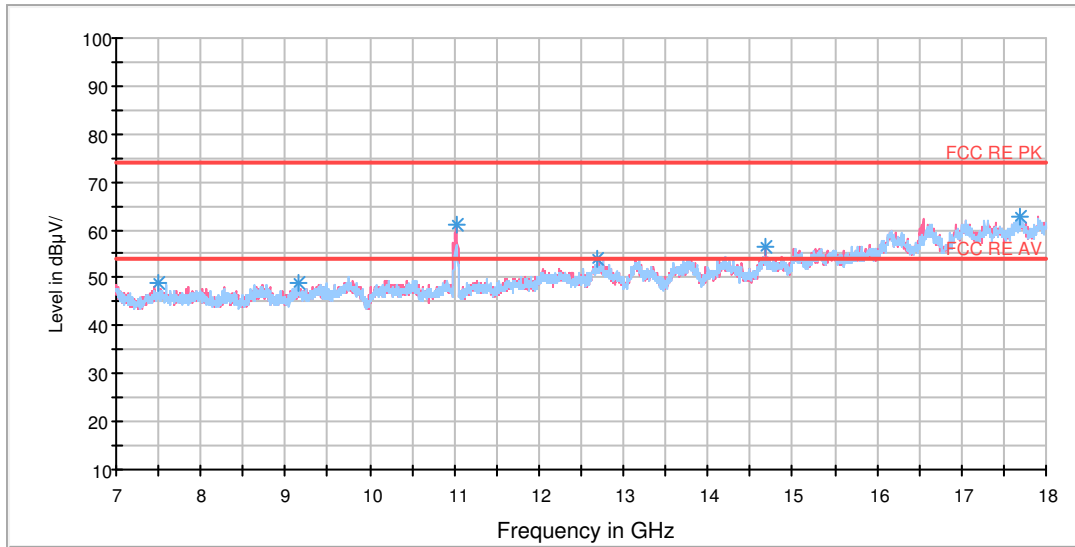
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3700.500000	27.1	100.0	V	272.0	28.2	1.1	26.9	54
4231.500000	27.6	100.0	V	246.0	29.3	1.7	26.4	54
4992.500000	29.6	100.0	V	355.0	32.4	2.8	24.4	54
6130.500000	32.5	100.0	H	180.0	38.0	5.5	21.5	54
6451.000000	34.4	100.0	V	259.0	42.3	7.9	19.6	54
6722.500000	36.2	100.0	H	3.0	44.8	8.6	17.8	54

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



RE 7-18GHz PK



Radiates Emission from 7GHz to 18GHz

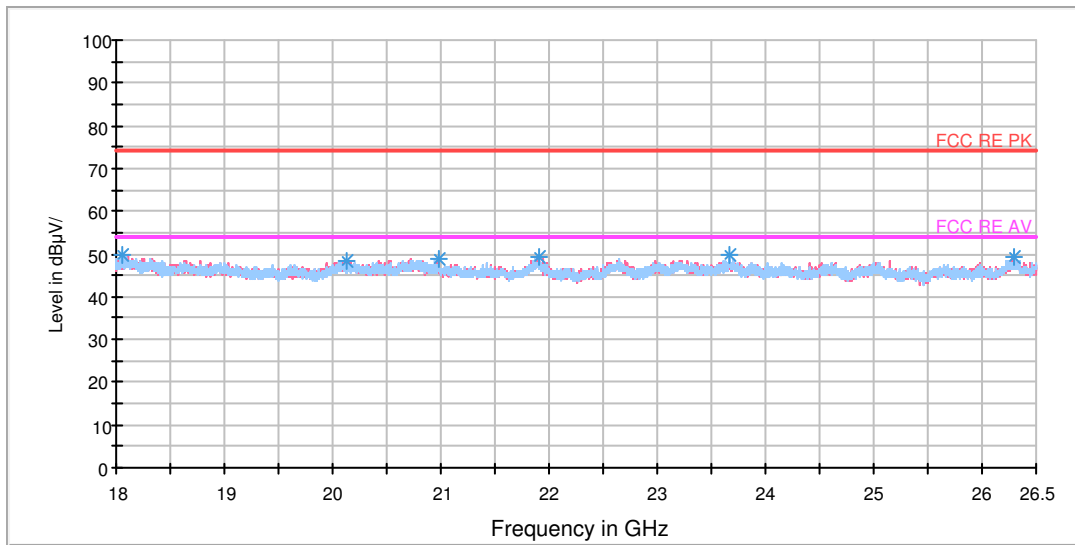
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7500.500000	48.8	101.0	H	182.0	55.7	6.9	25.2	74
9164.250000	49.1	101.0	H	162.0	58.0	8.9	24.9	74
11020.500000	60.9	101.0	V	16.0	70.6	9.7	13.1	74
12689.750000	54.0	101.0	H	97.0	68.6	14.6	20.0	74
14678.000000	56.3	101.0	V	38.0	74.2	17.9	17.7	74
17689.250000	62.8	101.0	V	350.0	87.5	24.7	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)
7000.000000	38.3	102.0	V	0.0	46.8	8.5	15.7	54
9587.750000	38.1	102.0	V	180.0	48.0	9.9	15.9	54
11020.500000	52.3	102.0	V	180.0	62.0	9.7	1.7	54
13138.000000	43.2	102.0	V	180.0	58.6	15.4	10.8	54
15335.250000	45.2	102.0	V	0.0	63.7	18.5	8.8	54
17708.500000	51.9	102.0	V	180.0	76.7	24.8	2.1	54

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

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

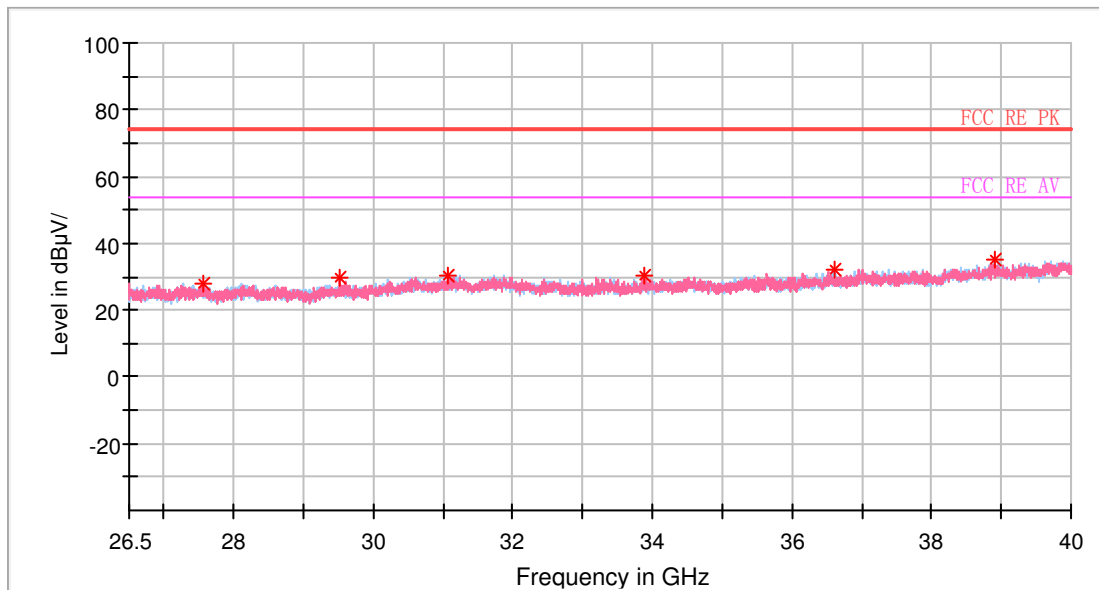
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18060.562500	50.0	H	5.0	52.1	-2.1	24.0	74
20122.875000	48.4	V	353.0	54.2	-5.8	25.6	74
20976.062500	49.0	V	0.0	56.4	-7.4	25.0	74
21904.687500	49.3	V	0.0	57.3	-8.0	24.7	74
23668.437500	49.6	H	0.0	55.5	-5.9	24.4	74
26303.437500	49.1	V	243.0	54.5	-5.4	24.9	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)
18102.000000	37.6	H	160.0	39.8	-2.2	16.4	54
20093.125000	36.5	V	353.0	42.3	-5.8	17.5	54
20780.562500	36.5	H	29.0	43.4	-6.9	17.5	54
21898.312500	36.9	H	0.0	44.9	-8.0	17.1	54
23666.312500	36.8	H	94.0	42.7	-5.9	17.2	54
26296.000000	36.9	V	243.0	42.3	-5.4	17.1	54

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

Full Spectrum



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)
27559.750000	27.9	V	0.0	45.0	-17.1	46.1	74
29520.625000	29.4	V	0.0	46.1	-16.7	44.6	74
31076.500000	30.4	V	0.0	46.2	-15.8	43.6	74
33887.875000	30.5	H	0.0	47.3	-16.8	43.5	74
36621.625000	32.2	H	0.0	48.8	-16.6	41.8	74
38896.375000	34.9	H	0.0	50.6	-15.7	39.1	74

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

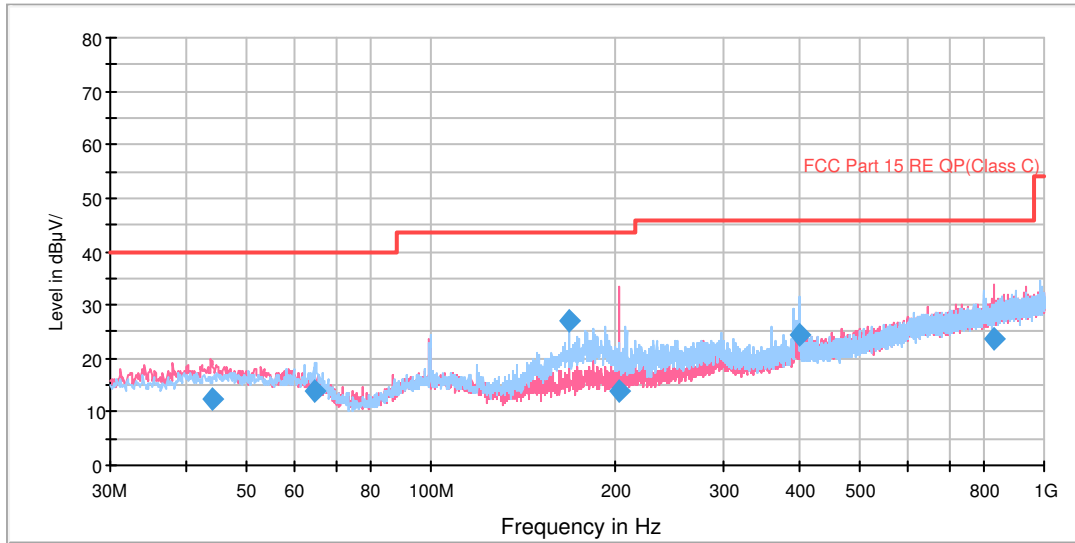
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28221.250000	17.7	V	0.0	34.2	-16.5	36.3	54
30249.625000	18.7	H	0.0	35.7	-17.0	35.3	54
31707.625000	20.4	V	0.0	35.8	-15.4	33.6	54
34546.000000	20.0	H	0.0	36.6	-16.6	34.0	54
37053.625000	22.1	H	0.0	38.7	-16.6	31.9	54
39892.000000	25.2	V	0.0	41.1	-15.9	28.8	54

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



802.11n (HT40) CH118

FCC RE 0.03-1GHz QP Class C



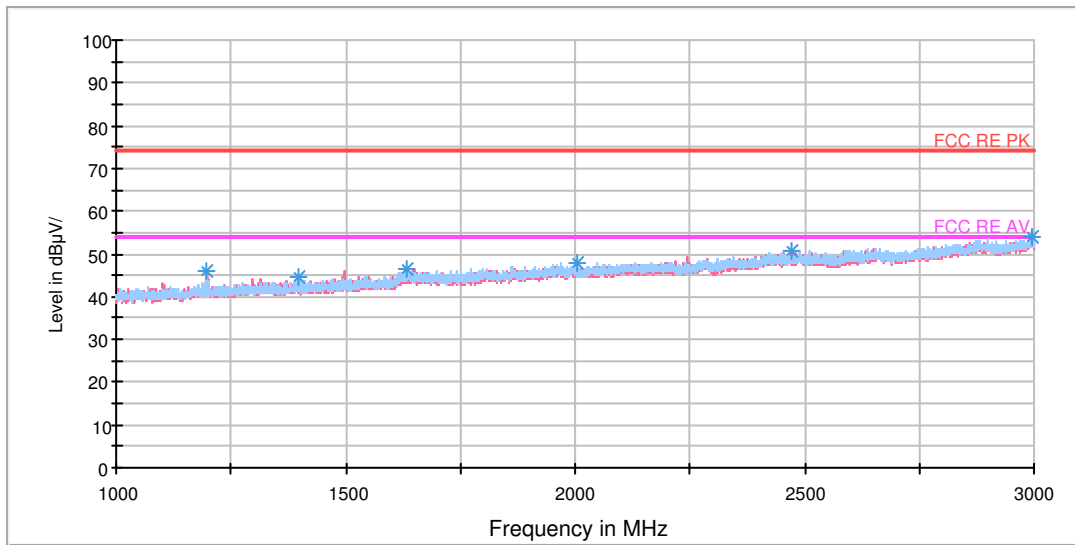
Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
44.102500	12.5	100.0	V	0.0	25.6	13.1	27.5	40.0
64.718750	13.8	100.0	H	50.0	24.4	10.6	26.2	40.0
168.022500	27.2	125.0	H	277.0	37.4	10.2	16.3	43.5
203.307500	13.9	125.0	V	0.0	26.0	12.1	29.6	43.5
398.800000	24.6	111.0	H	176.0	42.5	17.9	21.4	46.0
829.437500	23.6	100.0	V	157.0	48.3	24.7	22.4	46.0

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



RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1198.500000	45.8	102.0	V	296.0	54.0	-8.2	28.2	74
1396.000000	44.7	102.0	H	68.0	51.8	-7.1	29.3	74
1632.750000	46.7	102.0	H	210.0	51.4	-4.7	27.3	74
2003.750000	48.0	102.0	H	52.0	51.5	-3.5	26.0	74
2472.750000	50.6	102.0	V	296.0	50.9	-0.3	23.4	74
2995.250000	54.0	102.0	V	327.0	56.3	2.3	20.0	74

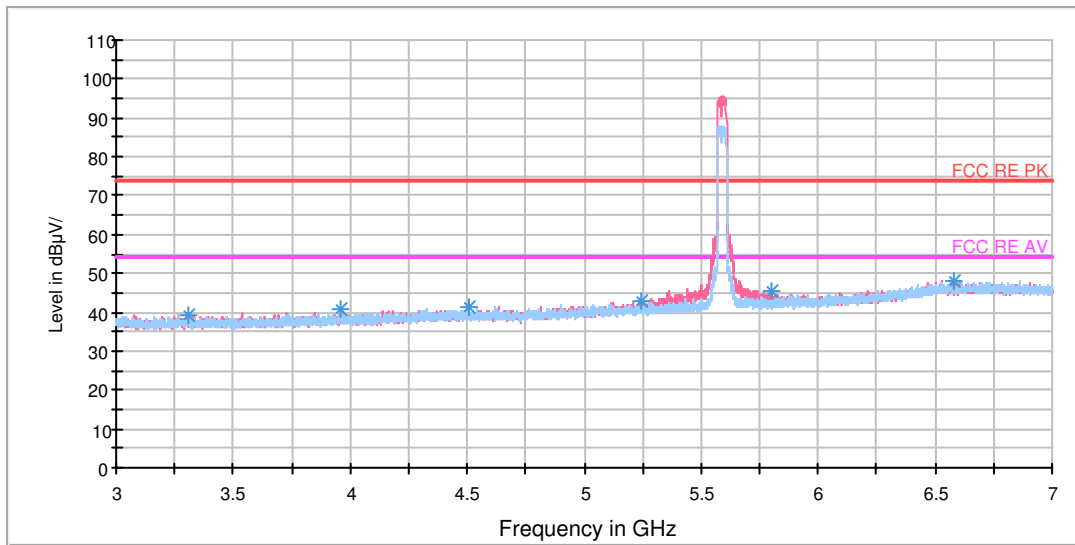
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1185.000000	31.6	102.0	V	296.0	39.7	-8.1	22.4	54
1438.500000	32.4	102.0	V	247.0	39.3	-6.9	21.6	54
1497.250000	35.1	102.0	V	264.0	41.8	-6.7	18.9	54
1994.000000	36.3	102.0	H	310.0	39.5	-3.2	17.7	54
2491.500000	39.2	102.0	H	3.0	39.5	0.3	14.8	54
2995.000000	44.9	102.0	H	328.0	47.2	2.3	9.1	54

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



RE 1G-18GHz PK+AV Class B



Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 7GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3310.000000	39.2	100.0	V	312.0	40.0	0.8	34.8	74
3956.500000	40.6	100.0	H	8.0	42.5	1.9	33.4	74
4508.500000	41.3	100.0	H	0.0	43.8	2.5	32.7	74
5243.500000	42.6	100.0	V	246.0	46.2	3.6	31.4	74
5798.500000	45.5	100.0	V	85.0	50.2	4.7	28.5	74
6577.000000	47.9	100.0	V	191.0	56.0	8.1	26.1	74

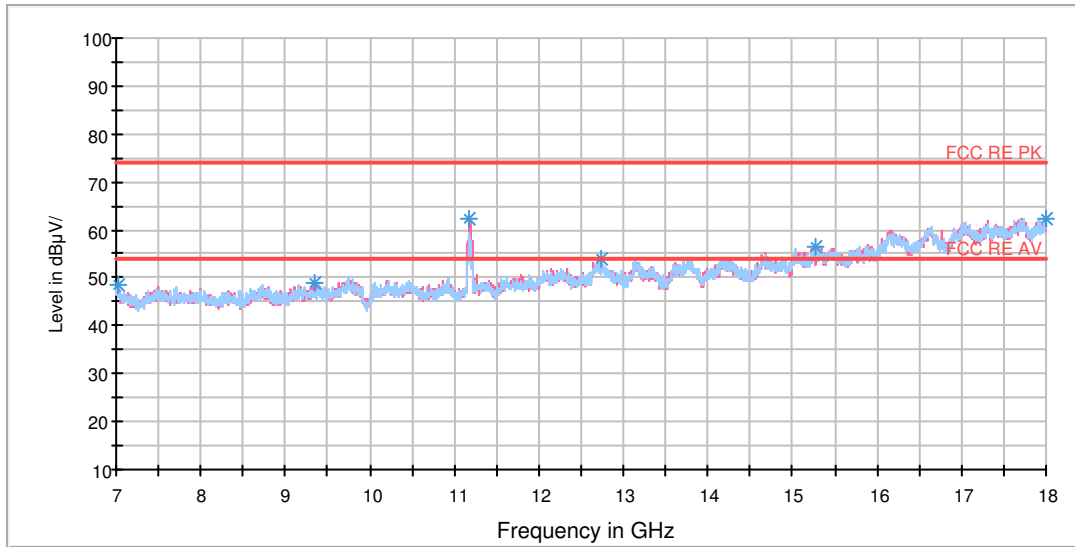
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3045.500000	27.4	100.0	V	336.0	28.3	0.9	26.6	54
3960.500000	28.4	100.0	V	325.0	30.6	2.2	25.6	54
4439.500000	29.2	100.0	H	306.0	31.8	2.6	24.8	54
5263.000000	31.4	100.0	V	258.0	34.7	3.3	22.6	54
5770.500000	34.3	100.0	V	232.0	39.4	5.1	19.7	54
6727.500000	36.2	100.0	H	3.0	44.8	8.6	17.8	54

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



RE 7-18GHz PK



Radiates Emission from 7GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7013.750000	48.5	101.0	H	22.0	56.8	8.3	25.5	74
9345.750000	48.9	101.0	V	39.0	58.5	9.6	25.1	74
11182.750000	62.2	101.0	V	350.0	72.8	10.6	11.8	74
12739.250000	53.9	101.0	H	150.0	68.4	14.5	20.1	74
15263.750000	56.4	101.0	V	157.0	74.8	18.4	17.6	74
17991.750000	62.4	101.0	V	199.0	87.6	25.2	11.6	74

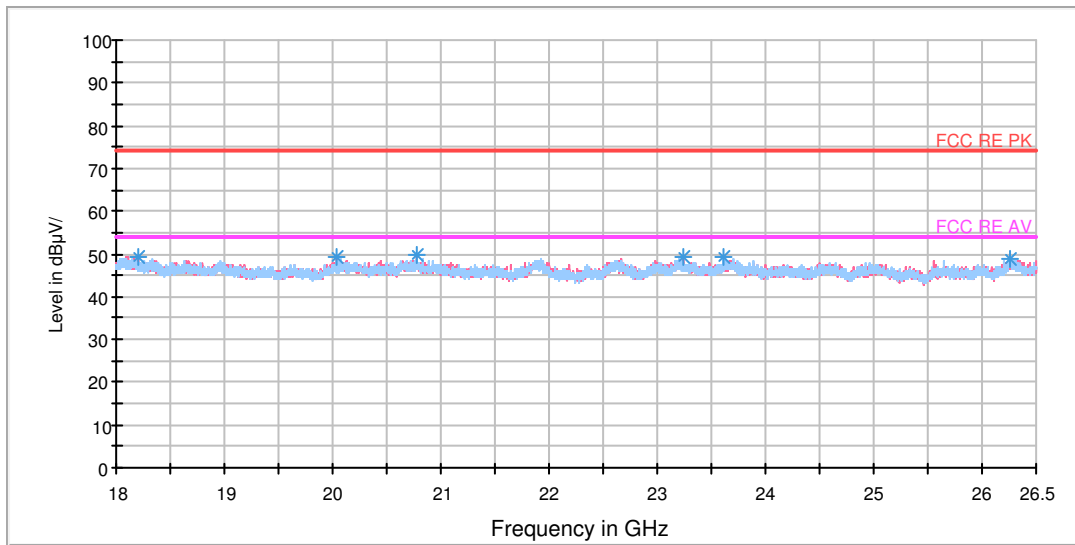
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7000.000000	38.3	102.0	V	180.0	46.8	8.5	15.7	54
9587.750000	38.1	102.0	V	180.0	48.0	9.9	15.9	54
11182.750000	53.4	102.0	V	180.0	64.0	10.6	0.6	54
13138.000000	43.2	102.0	V	180.0	58.6	15.4	10.8	54
15338.000000	45.2	102.0	V	180.0	63.8	18.6	8.8	54
17705.750000	51.9	102.0	V	180.0	76.7	24.8	2.1	54

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



RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

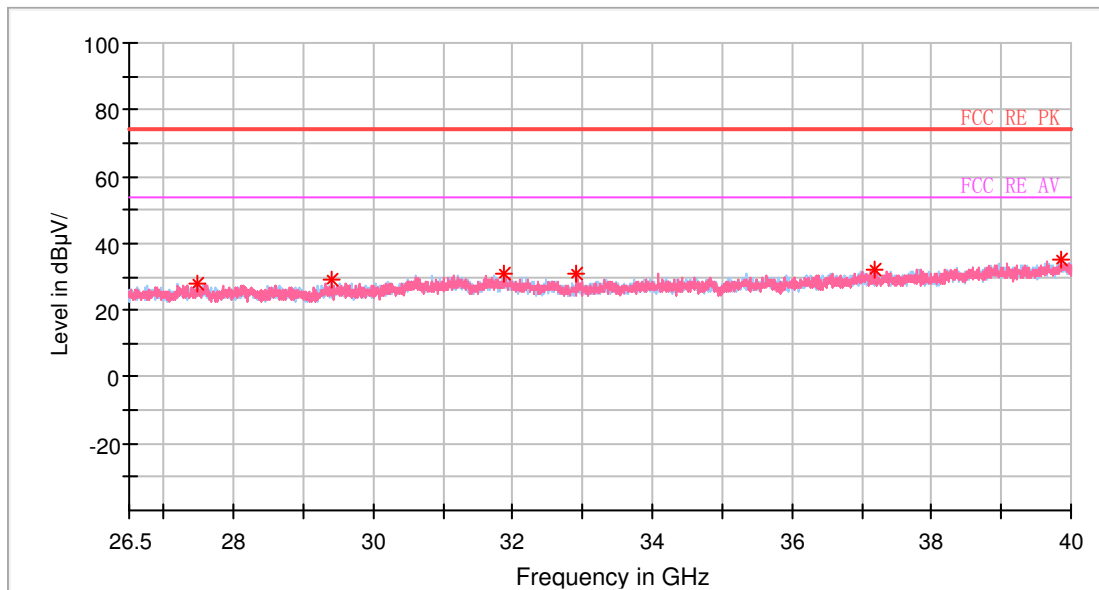
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18197.625000	49.4	V	0.0	52.0	-2.6	24.6	74
20031.500000	49.4	V	43.0	55.1	-5.7	24.6	74
20779.500000	49.6	V	0.0	56.5	-6.9	24.4	74
23245.562500	49.5	V	133.0	55.5	-6.0	24.5	74
23608.937500	49.1	H	0.0	55.0	-5.9	24.9	74
26265.187500	48.8	H	74.0	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)
18047.812500	37.2	V	222.0	39.2	-2.0	16.8	54
20088.875000	36.4	V	352.0	42.1	-5.7	17.6	54
20744.437500	36.6	V	308.0	43.4	-6.8	17.4	54
21897.250000	37.0	V	199.0	45.0	-8.0	17.0	54
23702.437500	36.8	H	250.0	42.7	-5.9	17.2	54
26289.625000	37.0	H	0.0	42.4	-5.4	17.0	54

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

Full Spectrum



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)
27485.500000	27.8	V	0.0	44.9	-17.1	46.2	74
29409.250000	29.3	H	0.0	46.3	-17.0	44.7	74
31883.125000	30.7	V	0.0	46.2	-15.5	43.3	74
32919.250000	30.9	V	0.0	47.8	-16.9	43.1	74
37192.000000	32.0	V	0.0	48.6	-16.6	42.0	74
39861.625000	35.3	V	0.0	51.2	-15.9	38.7	74

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

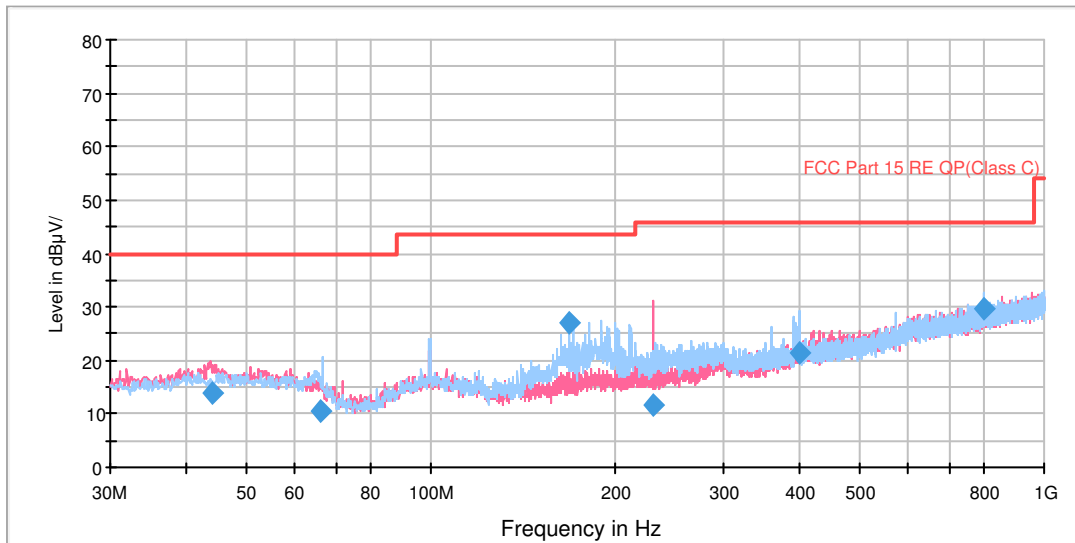
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27502.375000	18.4	V	0.0	35.5	-17.1	35.6	54
30273.250000	18.9	H	0.0	35.8	-16.9	35.1	54
31663.750000	20.3	V	0.0	35.9	-15.6	33.7	54
34519.000000	20.1	H	0.0	36.7	-16.6	33.9	54
37060.375000	21.7	V	0.0	38.3	-16.6	32.3	54
39905.500000	25.3	H	0.0	41.2	-15.9	28.7	54

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



802.11n (HT40) CH134

FCC RE 0.03-1GHz QP Class C

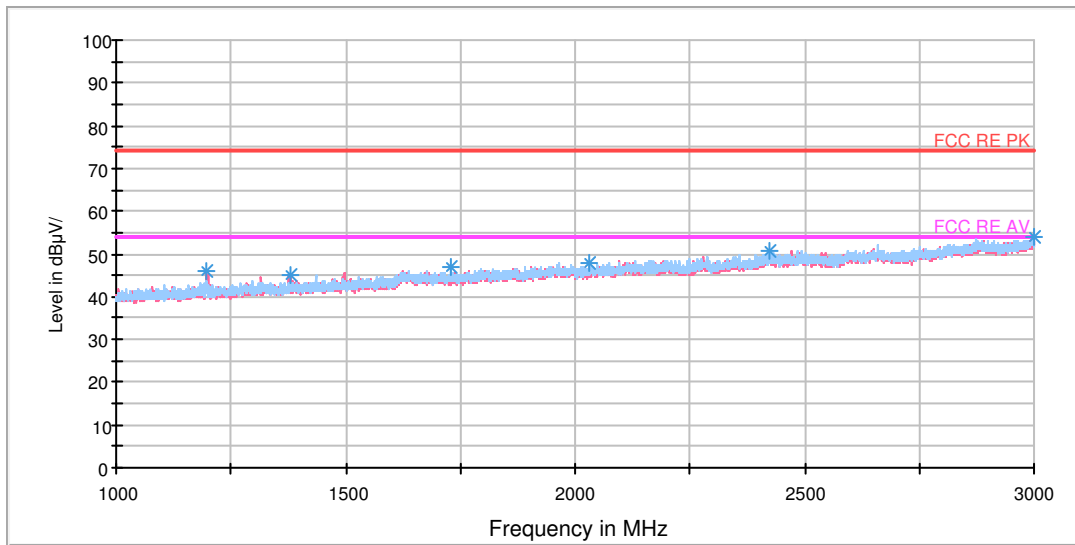


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
44.182500	13.9	114.0	V	264.0	27.0	13.1	26.1	40.0
66.216250	10.6	125.0	H	244.0	20.7	10.1	29.4	40.0
168.022500	27.1	125.0	H	304.0	37.3	10.2	16.4	43.5
230.351250	11.7	125.0	V	188.0	24.9	13.2	34.3	46.0
399.448750	21.5	100.0	H	28.0	39.4	17.9	24.5	46.0
799.773750	29.7	100.0	H	47.0	54.1	24.4	16.3	46.0

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

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1197.500000	46.0	102.0	V	122.0	54.2	-8.2	28.0	74
1378.000000	45.0	102.0	V	329.0	52.0	-7.0	29.0	74
1730.000000	46.8	102.0	H	48.0	51.8	-5.0	27.2	74
2028.750000	48.0	102.0	V	138.0	51.4	-3.4	26.0	74
2423.750000	50.7	102.0	H	144.0	51.2	-0.5	23.3	74
2998.500000	54.0	102.0	H	32.0	56.3	2.3	20.0	74

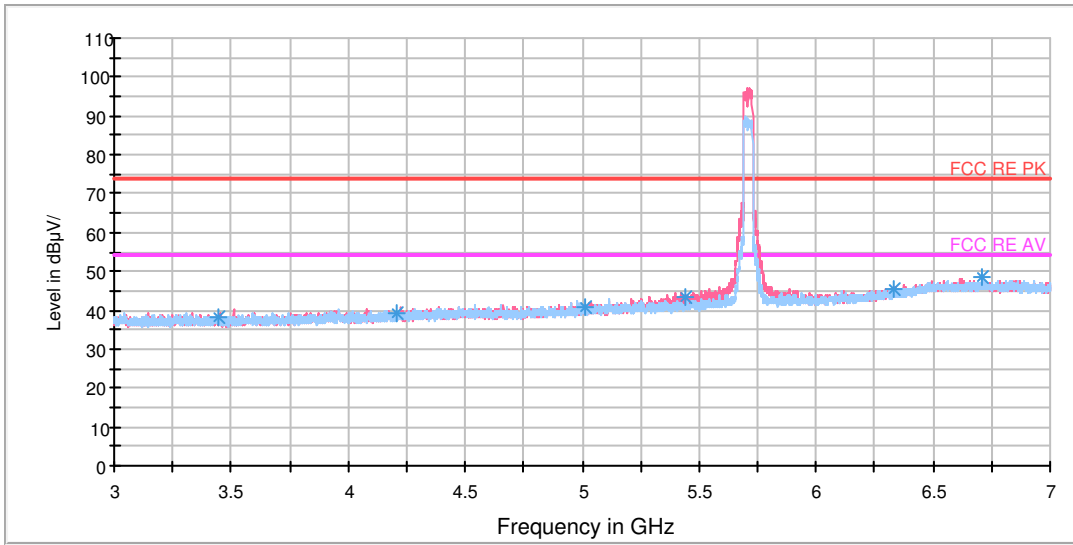
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1197.500000	31.5	102.0	V	122.0	39.7	-8.2	22.5	54
1398.250000	32.6	102.0	V	264.0	39.7	-7.1	21.4	54
1647.000000	35.4	102.0	V	122.0	40.4	-5.0	18.6	54
2039.500000	36.1	102.0	H	0.0	39.3	-3.2	17.9	54
2489.000000	39.0	102.0	H	32.0	39.3	0.3	15.0	54
2994.750000	45.2	102.0	H	328.0	47.5	2.3	8.8	54

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



RE 1G-18GHz PK+AV Class B



Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 7GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3443.000000	38.4	100.0	V	312.0	39.1	0.7	35.6	74
4208.000000	39.2	100.0	H	192.0	40.6	1.4	34.8	74
5010.000000	40.7	100.0	H	6.0	43.9	3.2	33.3	74
5443.500000	43.2	100.0	V	221.0	46.9	3.7	30.8	74
6332.500000	45.2	100.0	V	356.0	51.8	6.6	28.8	74
6708.000000	48.4	100.0	H	91.0	56.7	8.3	25.6	74

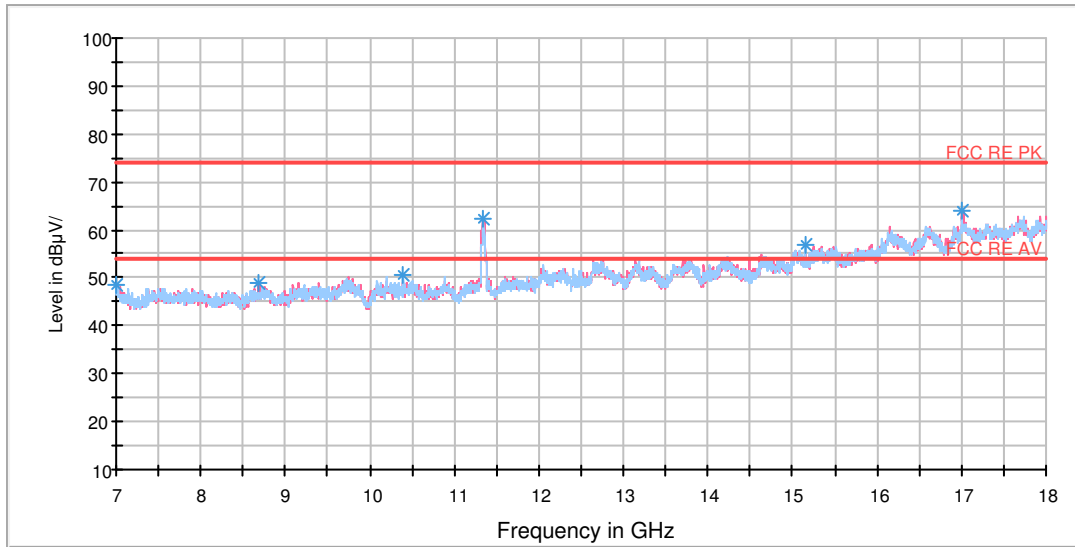
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3440.500000	26.8	100.0	H	64.0	27.5	0.7	27.2	54
3953.000000	27.5	100.0	H	235.0	29.0	1.5	26.5	54
4488.000000	28.8	100.0	H	143.0	31.2	2.4	25.2	54
5102.000000	29.6	100.0	V	359.0	32.5	2.9	24.4	54
6271.000000	33.7	100.0	V	0.0	40.0	6.3	20.3	54
6700.500000	36.1	100.0	V	0.0	44.6	8.5	17.9	54

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



RE 7-18GHz PK



Radiates Emission from 7GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7008.250000	48.5	101.0	V	117.0	56.9	8.4	25.5	74
8685.750000	49.1	101.0	V	293.0	57.7	8.6	24.9	74
10399.000000	50.5	101.0	H	311.0	60.4	9.9	23.5	74
11347.750000	62.4	101.0	V	4.0	73.4	11.0	11.6	74
15145.500000	56.8	101.0	H	223.0	75.1	18.3	17.2	74
17012.750000	63.9	101.0	V	346.0	88.5	24.6	10.1	74

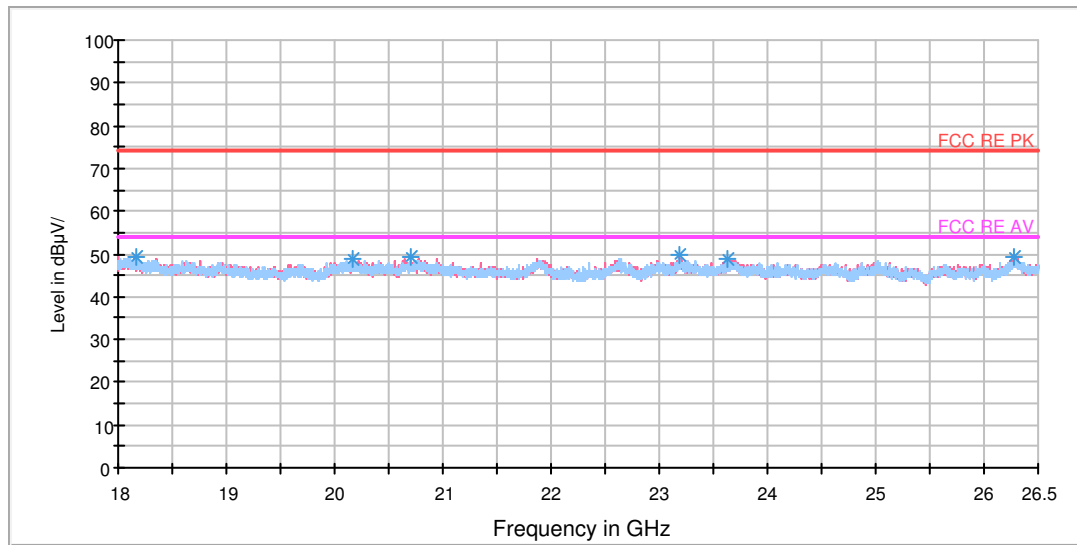
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7000.000000	38.3	102.0	V	180.0	46.8	8.5	15.7	54
9587.750000	38.0	102.0	V	0.0	47.9	9.9	16.0	54
9739.000000	39.1	102.0	V	180.0	49.8	10.7	14.9	54
11342.250000	53.8	102.0	V	180.0	64.7	10.9	0.2	54
15335.250000	45.2	102.0	V	0.0	63.7	18.5	8.8	54
17018.250000	52.4	102.0	V	180.0	77.0	24.6	1.6	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

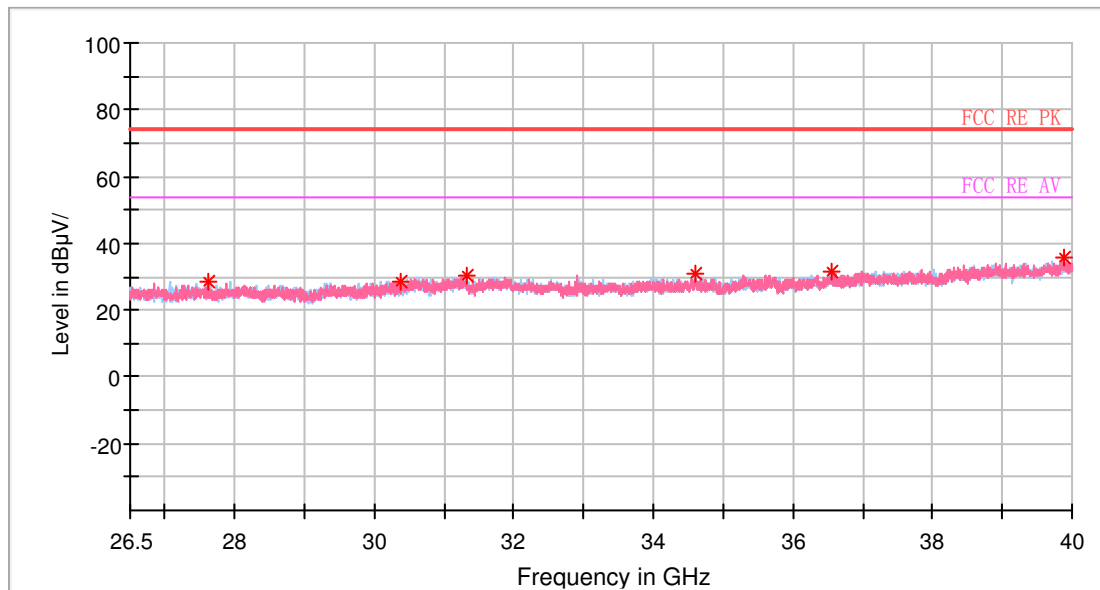
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18168.937500	49.2	H	50.0	51.7	-2.5	24.8	74
20159.000000	48.7	V	0.0	54.5	-5.8	25.3	74
20696.625000	49.1	H	0.0	55.8	-6.7	24.9	74
23176.500000	49.7	V	288.0	55.8	-6.1	24.3	74
23625.937500	48.7	H	50.0	54.6	-5.9	25.3	74
26286.437500	49.2	H	138.0	54.6	-5.4	24.8	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)
18057.375000	37.2	V	0.0	39.2	-2.0	16.8	54
20088.875000	36.5	H	7.0	42.2	-5.7	17.5	54
20761.437500	36.6	H	138.0	43.4	-6.8	17.4	54
21896.187500	36.9	V	221.0	44.9	-8.0	17.1	54
23670.562500	36.7	H	116.0	42.6	-5.9	17.3	54
26298.125000	36.9	V	353.0	42.3	-5.4	17.1	54

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

Full Spectrum



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)
27610.375000	28.3	V	0.0	45.3	-17.0	45.7	74
30371.125000	28.7	H	0.0	45.4	-16.7	45.3	74
31319.500000	30.6	V	0.0	46.8	-16.2	43.4	74
34589.875000	30.9	H	0.0	47.6	-16.7	43.1	74
36557.500000	31.5	H	0.0	48.1	-16.6	42.5	74
39871.750000	35.5	V	0.0	51.4	-15.9	38.5	74

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

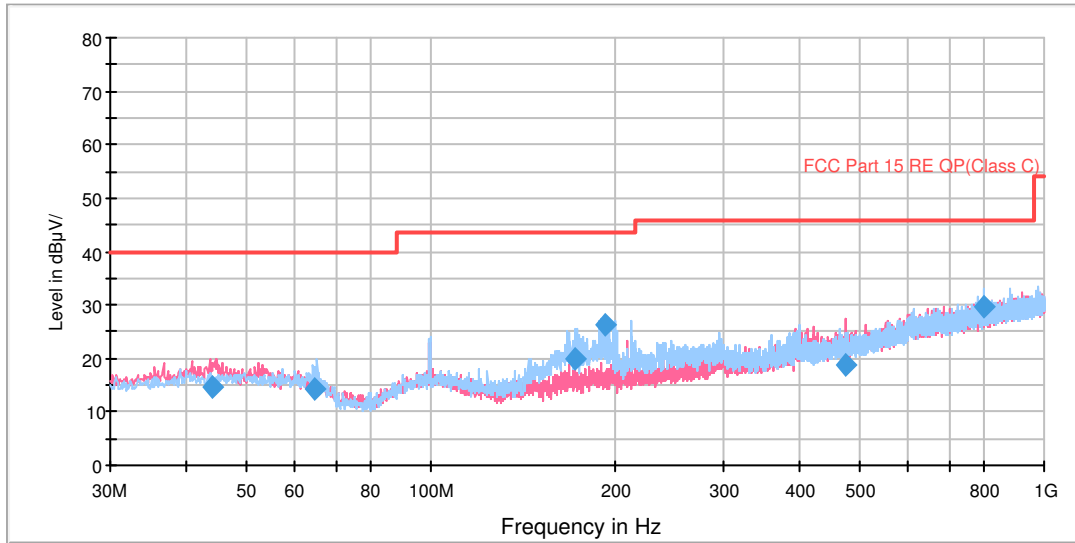
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
26898.250000	17.8	H	0.0	35.3	-17.5	36.2	54
30155.125000	19.1	H	0.0	36.3	-17.2	34.9	54
31248.625000	20.4	H	0.0	36.5	-16.1	33.6	54
34863.250000	20.2	V	0.0	37.0	-16.8	33.8	54
37259.500000	21.9	H	0.0	38.5	-16.6	32.1	54
39929.125000	24.9	V	0.0	40.8	-15.9	29.1	54

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



802.11n (HT40) CH151

FCC RE 0.03-1GHz QP Class C



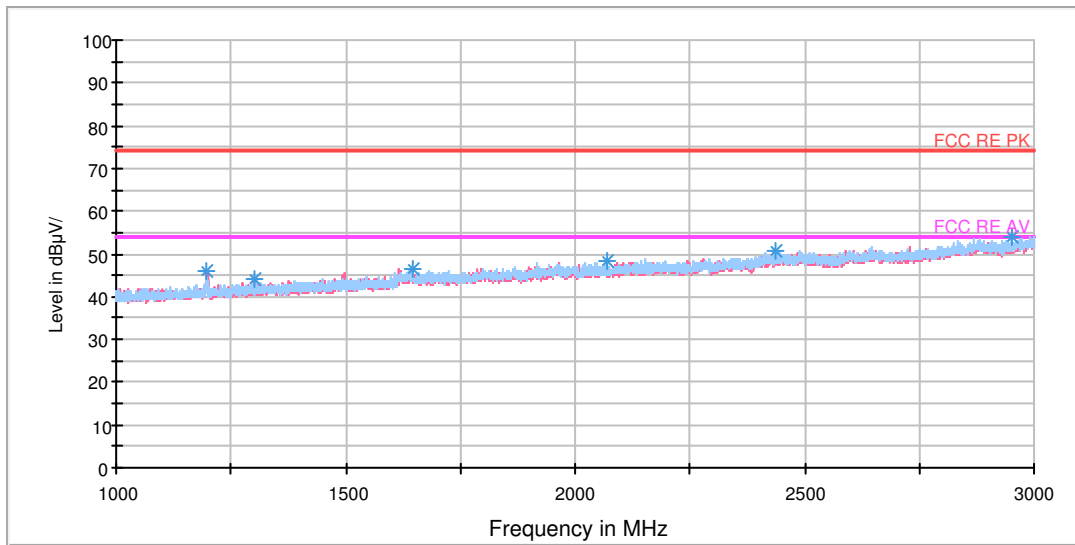
Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
44.180000	14.5	100.0	V	261.0	27.6	13.1	25.5	40.0
64.803750	14.2	125.0	H	41.0	24.8	10.6	25.8	40.0
172.428750	19.9	125.0	H	8.0	30.3	10.4	23.6	43.5
193.041250	26.2	100.0	H	95.0	37.8	11.6	17.3	43.5
474.988750	18.7	100.0	V	142.0	38.1	19.4	27.3	46.0
796.547500	29.7	100.0	H	41.0	54.0	24.3	16.3	46.0

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



RE 1G-3GHz PK+AV



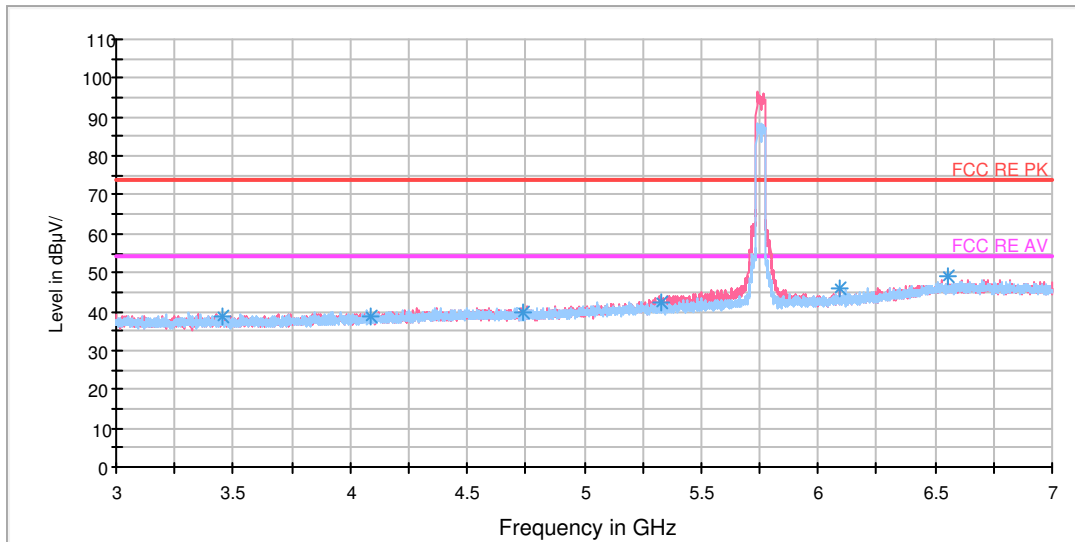
Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1196.250000	45.9	102.0	V	295.0	54.1	-8.2	28.1	74
1302.500000	44.1	102.0	V	0.0	51.9	-7.8	29.9	74
1647.500000	46.5	102.0	V	121.0	51.5	-5.0	27.5	74
2070.750000	48.3	102.0	H	0.0	51.4	-3.1	25.7	74
2434.750000	50.7	102.0	H	0.0	51.4	-0.7	23.3	74
2950.000000	54.1	102.0	H	276.0	56.1	2.0	19.9	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1196.500000	33.7	102.0	V	105.0	41.9	-8.2	20.3	54
1430.250000	32.4	102.0	H	0.0	39.3	-6.9	21.6	54
1647.500000	35.2	102.0	V	121.0	40.2	-5.0	18.8	54
2072.250000	36.1	102.0	H	328.0	39.2	-3.1	17.9	54
2484.500000	38.8	102.0	V	183.0	38.9	-0.1	15.2	54
2994.750000	45.3	102.0	H	0.0	47.6	2.3	8.7	54

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



Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 7GHz

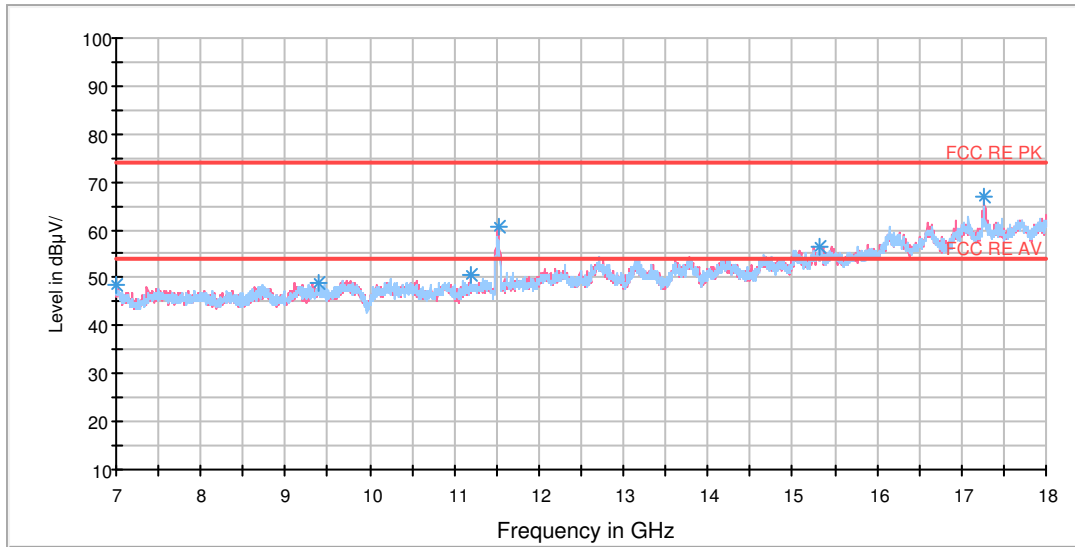
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3455.000000	38.7	100.0	V	304.0	39.4	0.7	35.3	74
4090.000000	38.8	100.0	H	131.0	40.4	1.6	35.2	74
4738.000000	39.6	100.0	H	52.0	42.0	2.4	34.4	74
5327.500000	42.4	100.0	V	265.0	46.0	3.6	31.6	74
6091.500000	46.1	100.0	V	86.0	51.4	5.3	27.9	74
6556.500000	48.8	100.0	H	4.0	57.1	8.3	25.2	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)
3408.000000	27.1	100.0	H	353.0	27.8	0.7	26.9	54
3997.500000	27.6	100.0	V	0.0	28.8	1.2	26.4	54
4606.000000	28.8	100.0	V	304.0	31.2	2.4	25.2	54
5117.000000	30.1	100.0	V	279.0	33.7	3.6	23.9	54
6107.000000	33.1	100.0	V	252.0	38.5	5.4	20.9	54
6888.500000	36.1	100.0	V	352.0	44.5	8.4	17.9	54

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

RE 7-18GHz PK



Radiates Emission from 7GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7008.250000	48.3	101.0	H	268.0	56.7	8.4	25.7	74
9392.500000	49.1	101.0	H	334.0	59.2	10.1	24.9	74
11196.500000	50.6	101.0	V	28.0	61.4	10.8	23.4	74
11518.250000	60.6	101.0	V	6.0	71.3	10.7	13.4	74
15327.000000	56.6	101.0	H	75.0	75.0	18.4	17.4	74
17263.000000	67.1	101.0	V	350.0	91.1	24.0	6.9	74

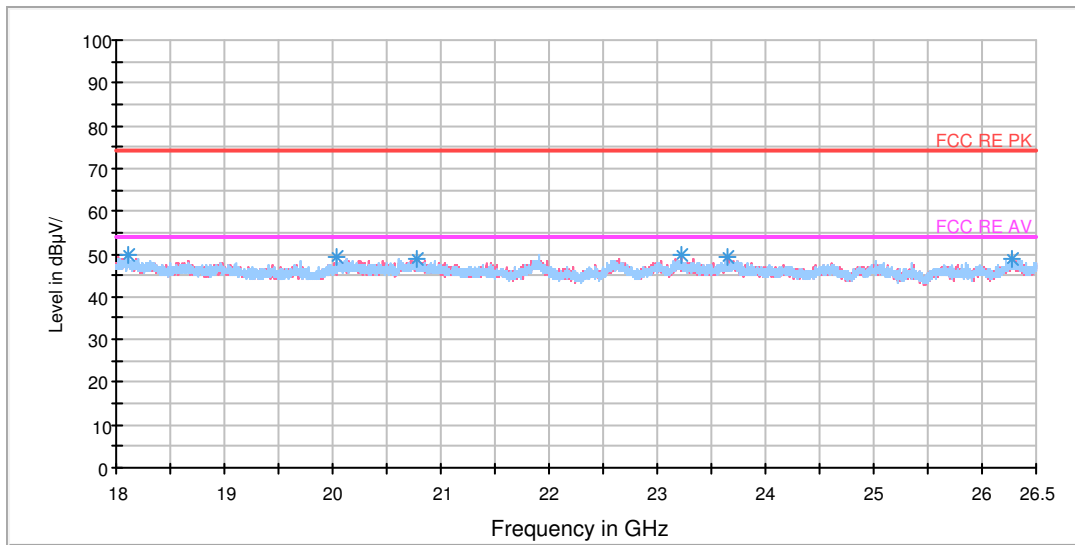
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7000.000000	38.3	102.0	V	180.0	46.8	8.5	15.7	54
9587.750000	38.0	102.0	V	180.0	47.9	9.9	16.0	54
9739.000000	39.0	102.0	V	0.0	49.7	10.7	15.0	54
11512.750000	52.2	102.0	V	180.0	63.0	10.8	1.8	54
15338.000000	45.2	102.0	V	180.0	63.8	18.6	8.8	54
17271.250000	53.8	102.0	V	180.0	77.7	23.9	0.2	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

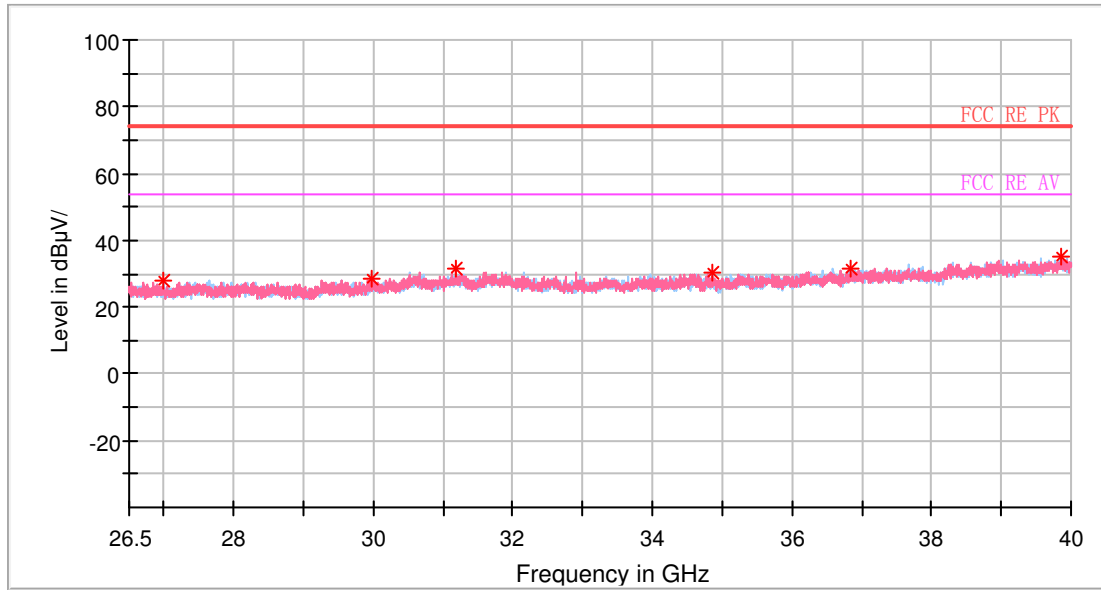
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18102.000000	49.9	V	133.0	52.1	-2.2	24.1	74
20038.937500	49.2	H	205.0	54.9	-5.7	24.8	74
20773.125000	49.1	H	0.0	56.0	-6.9	24.9	74
23221.125000	49.7	V	0.0	55.7	-6.0	24.3	74
23650.375000	49.3	V	221.0	55.2	-5.9	24.7	74
26285.375000	48.7	V	287.0	54.1	-5.4	25.3	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)
18064.812500	37.2	V	309.0	39.3	-2.1	16.8	54
20094.187500	36.4	H	0.0	42.2	-5.8	17.6	54
20791.187500	36.6	H	138.0	43.5	-6.9	17.4	54
21900.437500	36.9	H	29.0	44.9	-8.0	17.1	54
23676.937500	36.8	H	249.0	42.7	-5.9	17.2	54
26277.937500	36.9	H	272.0	42.3	-5.4	17.1	54

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

Full Spectrum



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)
26999.500000	27.8	H	0.0	45.3	-17.5	46.2	74
29972.875000	28.6	H	0.0	46.1	-17.5	45.4	74
31191.250000	31.2	V	0.0	47.2	-16.0	42.8	74
34866.625000	30.6	H	0.0	47.4	-16.8	43.4	74
36830.875000	31.4	H	0.0	48.0	-16.6	42.6	74
39858.250000	35.3	H	0.0	51.2	-15.9	38.7	74

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

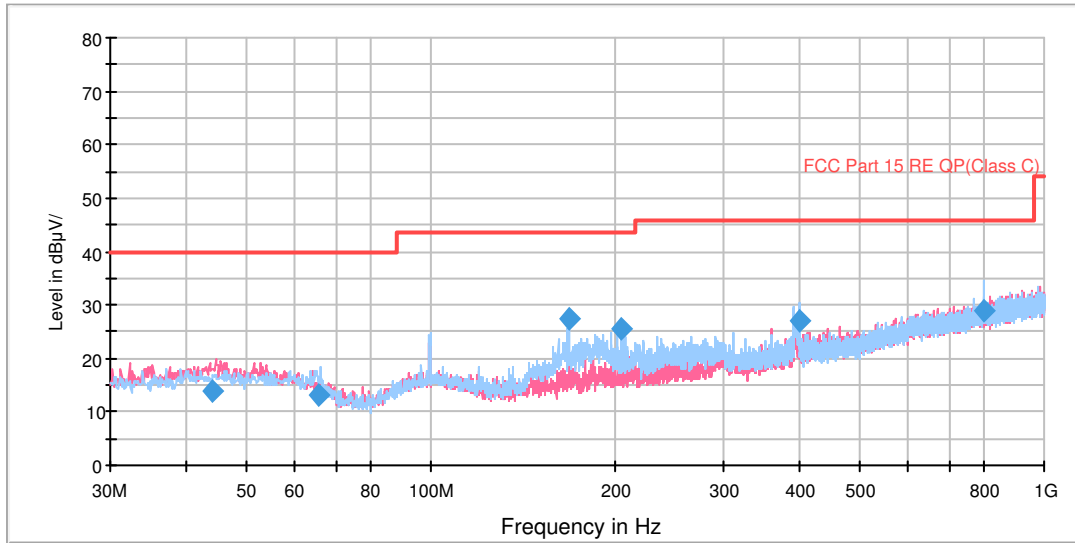
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27434.875000	17.8	H	0.0	34.8	-17.0	36.2	54
30239.500000	18.8	V	0.0	35.8	-17.0	35.2	54
31096.750000	20.0	V	0.0	35.8	-15.8	34.0	54
34573.000000	19.9	V	0.0	36.6	-16.7	34.1	54
37033.375000	21.9	H	0.0	38.5	-16.6	32.1	54
39892.000000	25.0	H	0.0	40.9	-15.9	29.0	54

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



802.11n (HT40) CH159

FCC RE 0.03-1GHz QP Class C



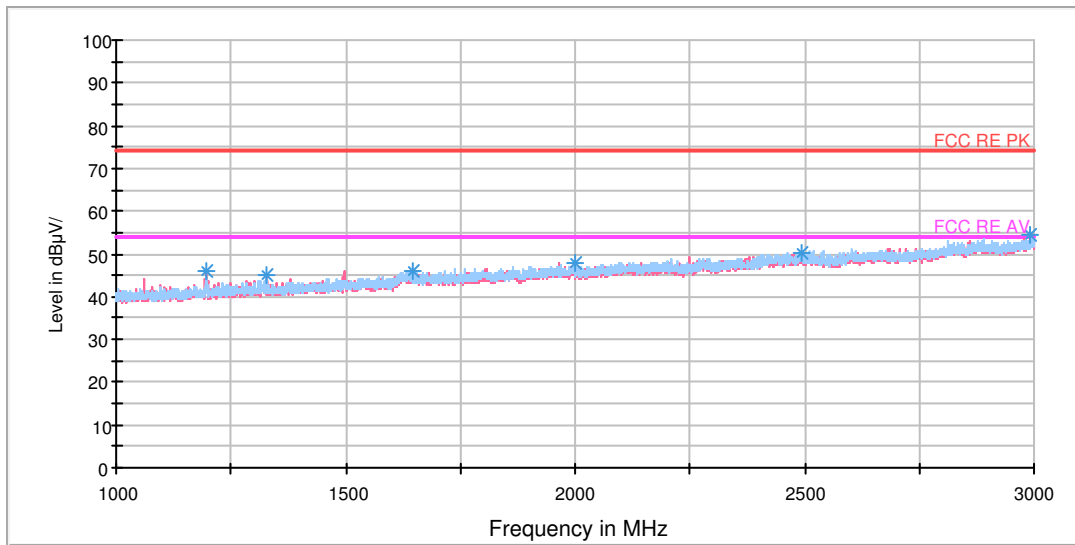
Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
44.150000	13.8	113.0	V	311.0	26.9	13.1	26.2	40.0
65.531250	13.3	125.0	H	49.0	23.6	10.3	26.7	40.0
168.022500	27.4	125.0	H	304.0	37.6	10.2	16.1	43.5
204.075000	25.5	125.0	H	99.0	37.7	12.2	18.0	43.5
398.801250	26.9	100.0	H	204.0	44.8	17.9	19.1	46.0
799.285000	28.8	100.0	H	49.0	53.2	24.4	17.2	46.0

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



RE 1G-3GHz PK+AV



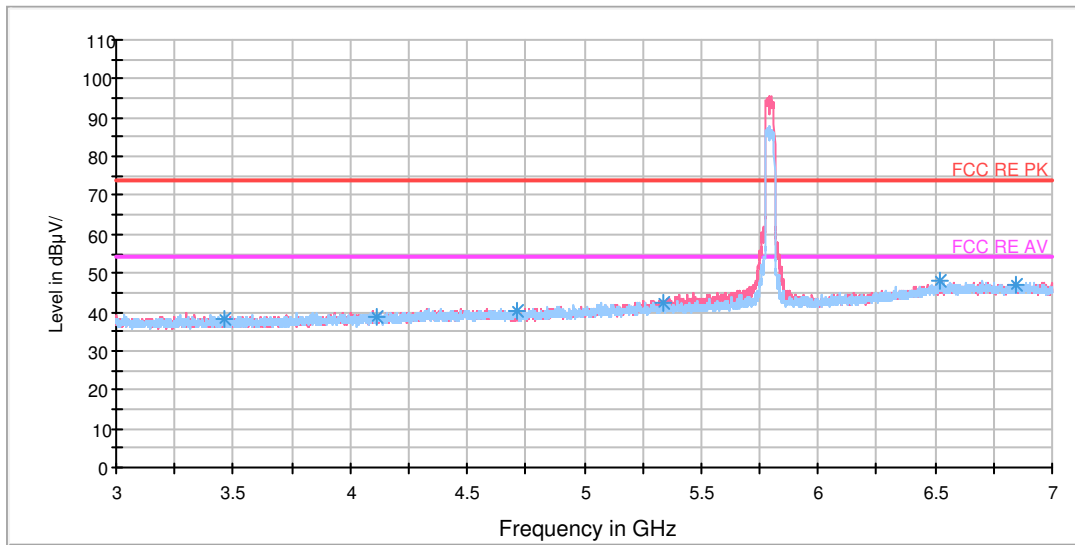
Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1195.750000	45.9	102.0	V	293.0	54.1	-8.2	28.1	74
1329.500000	44.9	102.0	V	0.0	52.3	-7.4	29.1	74
1647.000000	46.1	102.0	V	51.0	51.1	-5.0	27.9	74
1999.250000	47.7	102.0	H	0.0	51.1	-3.4	26.3	74
2495.250000	50.4	102.0	V	137.0	50.5	0.1	23.6	74
2991.250000	54.6	102.0	H	308.0	56.8	2.2	19.4	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1198.250000	32.6	102.0	V	293.0	40.8	-8.2	21.4	54
1425.250000	32.5	102.0	H	0.0	39.4	-6.9	21.5	54
1647.000000	34.8	102.0	V	51.0	39.8	-5.0	19.2	54
1961.000000	36.1	102.0	V	69.0	39.3	-3.2	17.9	54
2487.250000	39.3	102.0	H	0.0	39.4	0.1	14.7	54
2994.750000	45.9	102.0	H	161.0	48.2	2.3	8.1	54

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



Radiates Emission from 3GHz to 7GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3462.000000	38.0	100.0	H	323.0	38.7	0.7	36.0	74
4114.500000	38.8	100.0	H	47.0	40.2	1.4	35.2	74
4712.500000	40.5	100.0	V	295.0	43.1	2.6	33.5	74
5338.000000	42.5	100.0	V	242.0	46.2	3.7	31.5	74
6524.500000	48.0	100.0	H	47.0	56.5	8.5	26.0	74
6843.500000	47.2	100.0	V	356.0	55.5	8.3	26.8	74

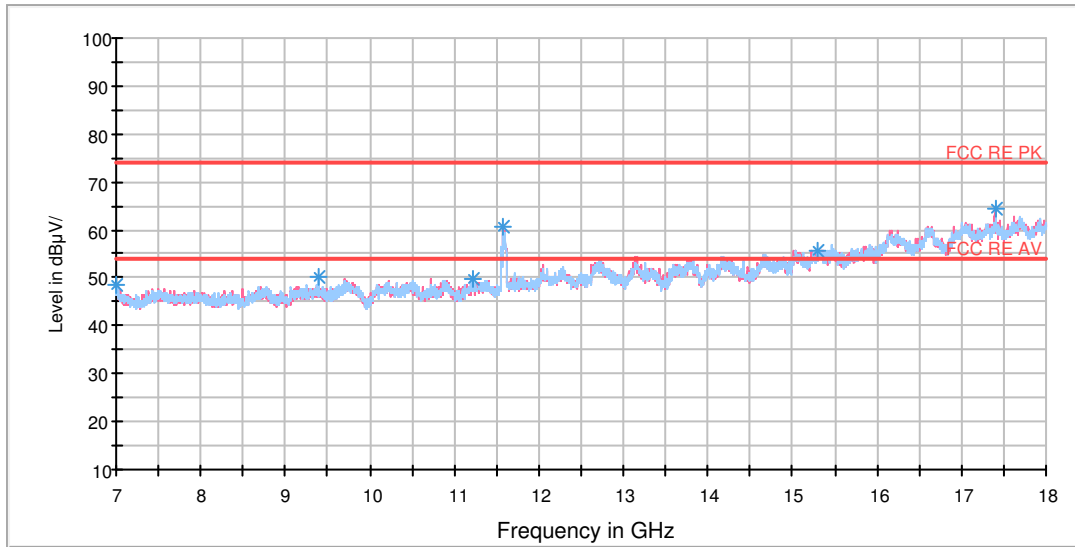
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3050.000000	27.2	100.0	V	6.0	28.2	1.0	26.8	54
3570.500000	26.9	100.0	H	102.0	27.7	0.8	27.1	54
3961.500000	28.2	100.0	V	148.0	30.3	2.1	25.8	54
4576.500000	29.1	100.0	V	229.0	31.5	2.4	24.9	54
5082.000000	29.5	100.0	H	0.0	32.6	3.1	24.5	54
6155.000000	32.9	100.0	V	308.0	38.6	5.7	21.1	54

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



RE 7-18GHz PK



Radiates Emission from 7GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7005.500000	48.6	101.0	V	157.0	57.0	8.4	25.4	74
9400.750000	50.2	101.0	H	18.0	60.6	10.4	23.8	74
11213.000000	49.8	101.0	H	189.0	60.7	10.9	24.2	74
11584.250000	60.7	101.0	V	348.0	72.0	11.3	13.3	74
15291.250000	55.8	101.0	H	189.0	74.0	18.2	18.2	74
17397.750000	64.4	101.0	V	348.0	89.9	25.5	9.6	74

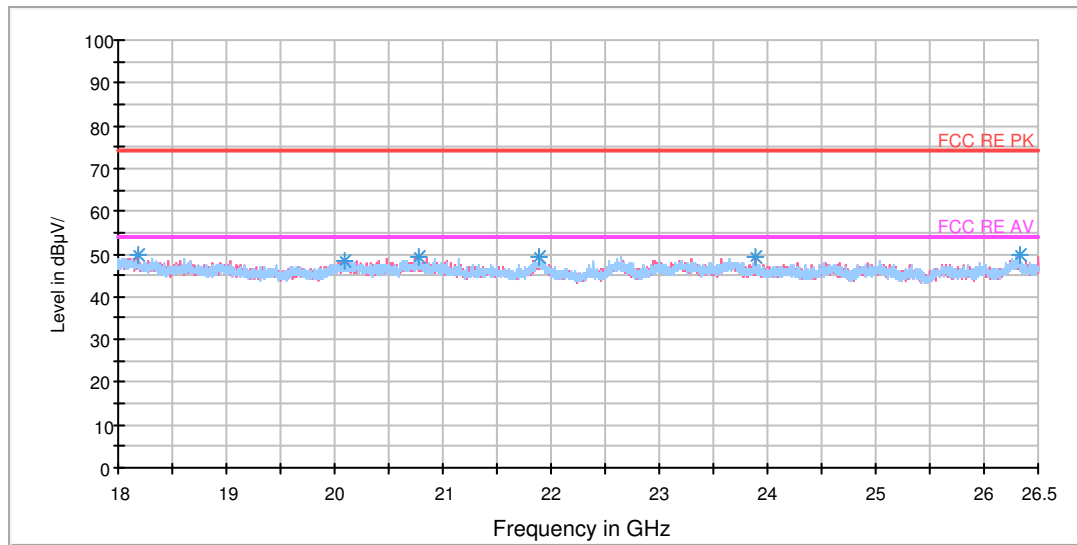
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7000.000000	38.3	102.0	V	180.0	46.8	8.5	15.7	54
9587.750000	38.1	102.0	V	135.0	48.0	9.9	15.9	54
9739.000000	39.1	102.0	V	180.0	49.8	10.7	14.9	54
11592.500000	51.2	102.0	V	45.0	62.4	11.2	2.8	54
15338.000000	45.2	102.0	V	56.0	63.8	18.6	8.8	54
17392.250000	53.6	102.0	V	280.0	78.7	25.1	0.4	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

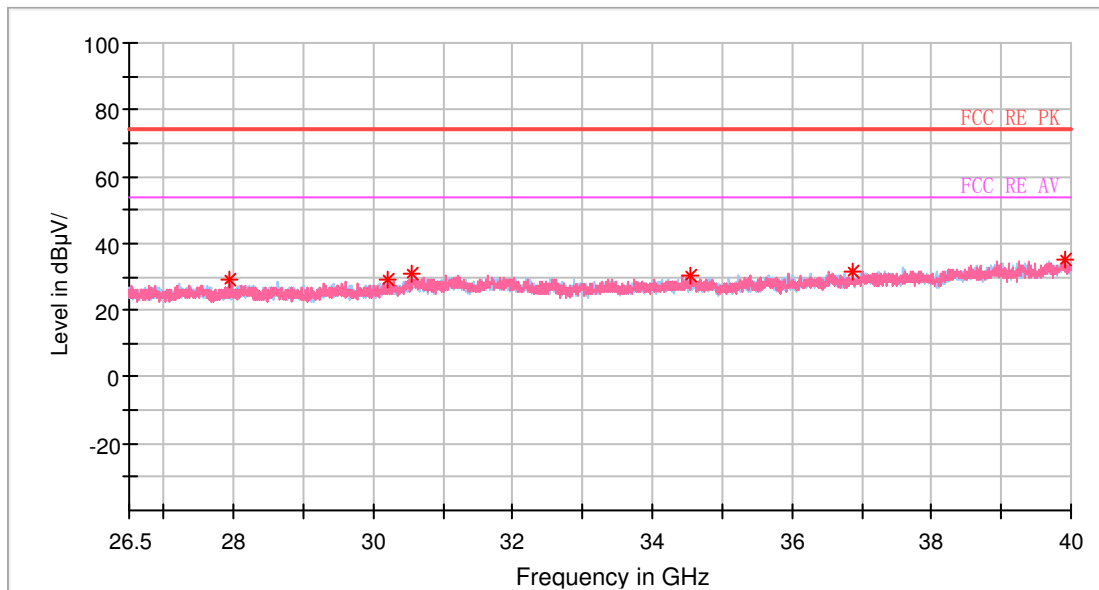
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18178.500000	49.6	V	267.0	52.2	-2.6	24.4	74
20096.312500	48.6	H	140.0	54.4	-5.8	25.4	74
20786.937500	49.1	H	162.0	56.0	-6.9	24.9	74
21888.750000	49.3	V	310.0	57.3	-8.0	24.7	74
23894.750000	49.3	V	267.0	55.2	-5.9	24.7	74
26330.000000	49.5	H	32.0	54.9	-5.4	24.5	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)
18064.812500	37.1	H	54.0	39.2	-2.1	16.9	54
20067.625000	36.5	V	267.0	42.2	-5.7	17.5	54
20765.687500	36.6	H	342.0	43.4	-6.8	17.4	54
21884.500000	36.9	H	119.0	44.9	-8.0	17.1	54
23696.062500	36.7	V	310.0	42.6	-5.9	17.3	54
26289.625000	37.0	V	310.0	42.4	-5.4	17.0	54

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

Full Spectrum



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)
27934.375000	29.0	H	0.0	45.7	-16.7	45.0	74
30212.500000	29.3	H	0.0	46.4	-17.1	44.7	74
30553.375000	30.7	H	0.0	47.1	-16.4	43.3	74
34529.125000	30.2	H	0.0	46.8	-16.6	43.8	74
36871.375000	31.6	H	0.0	48.2	-16.6	42.4	74
39915.625000	34.8	V	0.0	50.7	-15.9	39.2	74

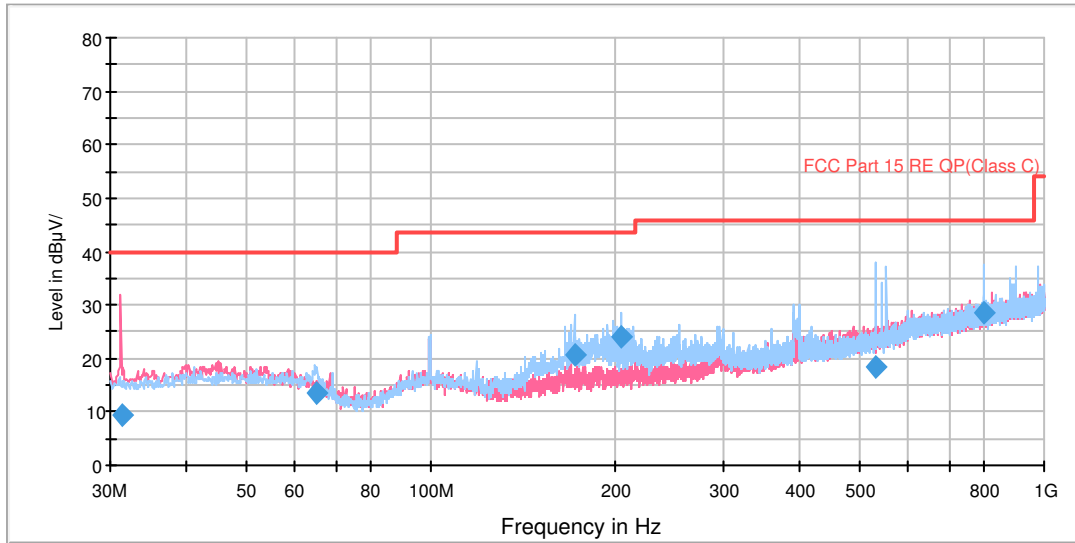
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28113.250000	17.9	V	0.0	34.4	-16.5	36.1	54
30215.875000	18.4	V	0.0	35.5	-17.1	35.6	54
31711.000000	20.4	V	0.0	35.8	-15.4	33.6	54
34441.375000	20.1	V	0.0	36.6	-16.5	33.9	54
36982.750000	21.8	H	0.0	38.4	-16.6	32.2	54
39905.500000	25.2	H	0.0	41.1	-15.9	28.8	54

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

802.11ac (HT20) CH36

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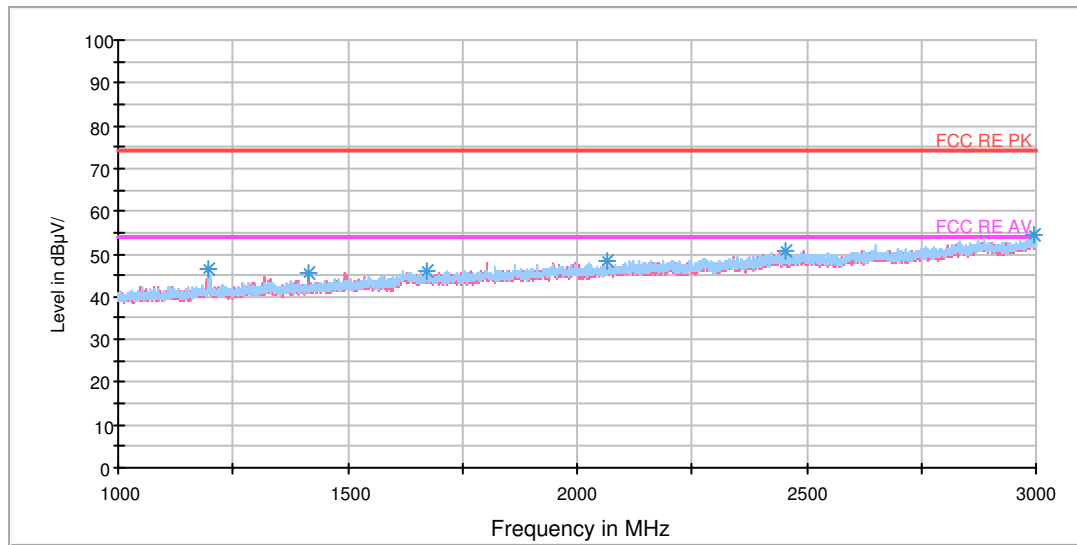


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
31.412500	9.5	100.0	V	340.0	21.4	11.9	30.5	40.0
65.278750	13.4	125.0	H	59.0	23.8	10.4	26.6	40.0
171.698750	20.6	125.0	H	0.0	31.0	10.4	22.9	43.5
204.035000	24.0	125.0	H	71.0	36.2	12.2	19.5	43.5
533.146250	18.3	125.0	H	48.0	39.0	20.7	27.7	46.0
796.543750	28.6	100.0	H	50.0	52.9	24.3	17.4	46.0

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

RE 1G-3GHz PK+AV



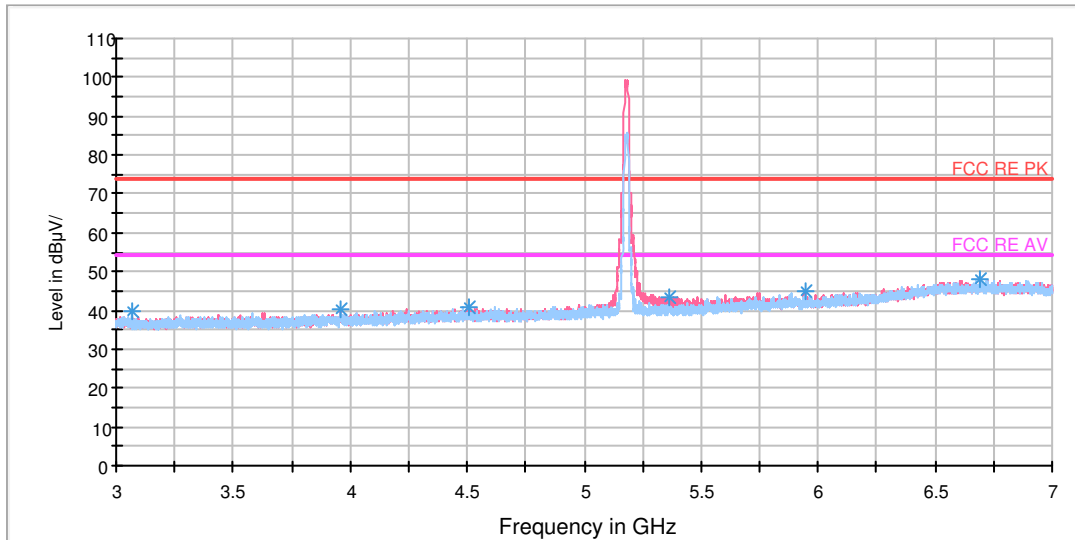
Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1195.750000	46.6	102.0	V	122.0	54.8	-8.2	27.4	74
1416.500000	45.5	102.0	V	264.0	52.5	-7.0	28.5	74
1674.000000	45.9	102.0	V	327.0	51.0	-5.1	28.1	74
2064.000000	48.3	102.0	V	72.0	51.4	-3.1	25.7	74
2456.000000	50.7	102.0	H	65.0	51.2	-0.5	23.3	74
2994.750000	54.4	102.0	H	327.0	56.7	2.3	19.6	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1197.750000	32.0	102.0	V	54.0	40.2	-8.2	22.0	54
1227.750000	32.3	102.0	V	138.0	40.1	-7.8	21.7	54
1647.000000	35.6	102.0	V	0.0	40.6	-5.0	18.4	54
1995.250000	36.2	102.0	H	0.0	39.4	-3.2	17.8	54
2492.250000	38.9	102.0	V	90.0	39.2	0.3	15.1	54
2994.750000	45.2	102.0	H	327.0	47.5	2.3	8.8	54

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



Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 7GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3064.500000	39.9	100.0	H	2.0	40.3	0.4	34.1	74
3956.000000	40.4	100.0	V	180.0	42.2	1.8	33.6	74
4507.500000	40.7	100.0	H	85.0	43.2	2.5	33.3	74
5363.000000	43.3	100.0	V	38.0	47.2	3.9	30.7	74
5942.500000	45.1	100.0	V	109.0	50.3	5.2	28.9	74
6688.500000	47.8	100.0	V	173.0	55.9	8.1	26.2	74

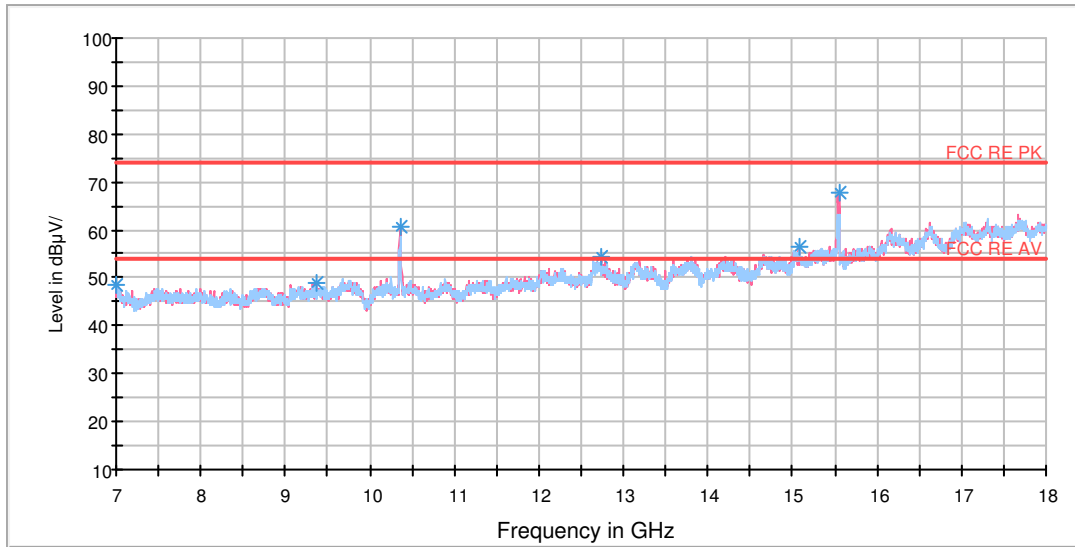
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3025.500000	27.1	100.0	V	180.0	27.8	0.7	26.9	54
3960.500000	28.1	100.0	V	180.0	30.3	2.2	25.9	54
4580.000000	28.8	100.0	H	23.0	31.3	2.5	25.2	54
5290.000000	33.1	100.0	V	136.0	37.2	4.1	20.9	54
5700.000000	32.0	100.0	V	149.0	36.7	4.7	22.0	54
6734.000000	36.0	100.0	H	52.0	44.4	8.4	18.0	54

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



RE 7-18GHz PK



Radiates Emission from 7GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7000.000000	48.5	101.0	V	245.0	57.0	8.5	25.5	74
9359.500000	48.8	101.0	V	38.0	58.6	9.8	25.2	74
10355.000000	60.6	101.0	V	16.0	70.6	10.0	13.4	74
12736.500000	54.4	101.0	V	16.0	68.9	14.5	19.6	74
15074.000000	56.3	101.0	V	105.0	74.9	18.6	17.7	74
15547.000000	67.8	101.0	V	4.0	86.5	18.7	6.2	74

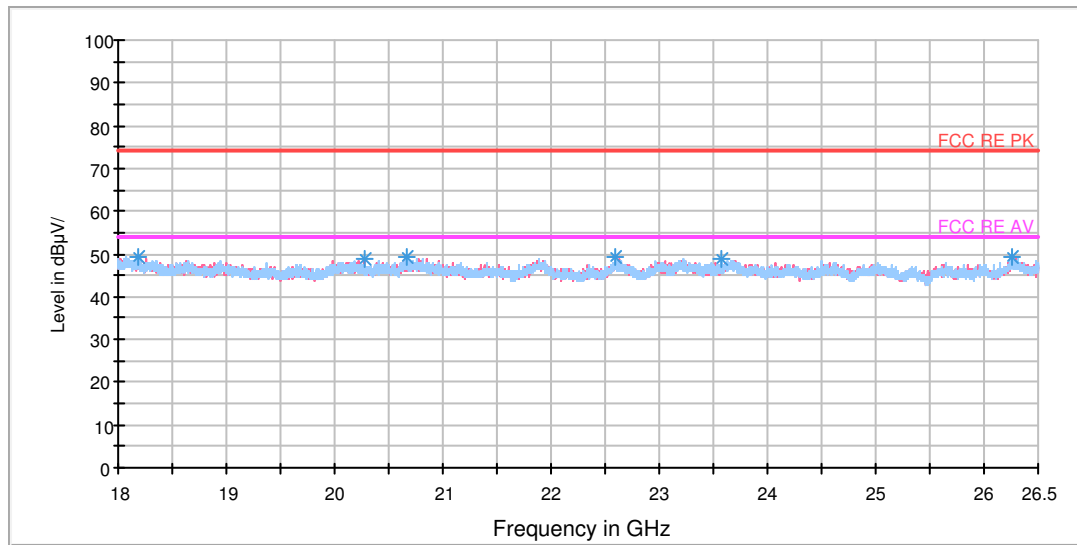
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7000.000000	38.4	102.0	V	180.0	46.9	8.5	15.6	54
9587.750000	38.1	102.0	V	0.0	48.0	9.9	15.9	54
10360.500000	47.3	102.0	V	0.0	57.3	10.0	6.7	54
13138.000000	43.2	102.0	V	180.0	58.6	15.4	10.8	54
15338.000000	45.2	102.0	V	180.0	63.8	18.6	8.8	54
17708.500000	51.9	102.0	V	0.0	76.7	24.8	2.1	54

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



RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

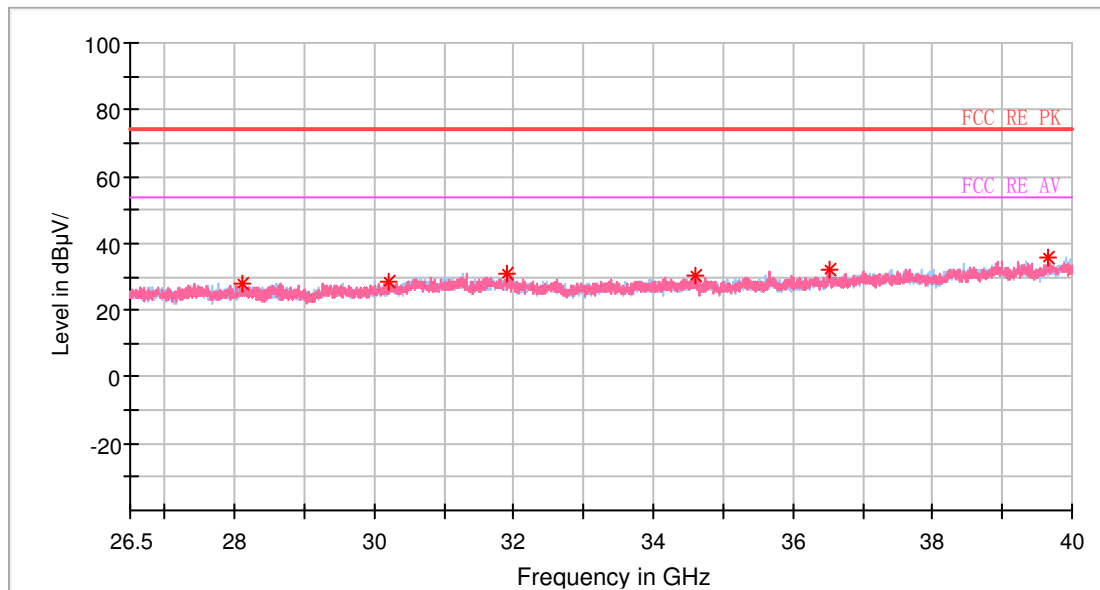
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18177.437500	49.2	H	94.0	51.8	-2.6	24.8	74
20269.500000	48.9	V	330.0	54.8	-5.9	25.1	74
20672.187500	49.2	V	310.0	55.8	-6.6	24.8	74
22584.687500	49.3	H	273.0	56.0	-6.7	24.7	74
23579.187500	48.7	H	206.0	54.6	-5.9	25.3	74
26255.625000	49.3	H	0.0	54.7	-5.4	24.7	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)
18021.250000	37.2	V	0.0	39.1	-1.9	16.8	54
20049.562500	36.5	H	72.0	42.2	-5.7	17.5	54
20751.875000	36.6	H	141.0	43.4	-6.8	17.4	54
21897.250000	36.8	H	119.0	44.8	-8.0	17.2	54
23707.750000	36.8	V	245.0	42.7	-5.9	17.2	54
26291.750000	37.0	V	200.0	42.4	-5.4	17.0	54

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

Full Spectrum



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)
28116.625000	27.8	V	0.0	44.3	-16.5	46.2	74
30219.250000	28.3	H	0.0	45.3	-17.0	45.7	74
31910.125000	31.1	H	0.0	46.7	-15.6	42.9	74
34586.500000	30.4	H	0.0	47.1	-16.7	43.6	74
36517.000000	31.9	V	0.0	48.5	-16.6	42.1	74
39649.000000	35.8	H	0.0	51.6	-15.8	38.2	74

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

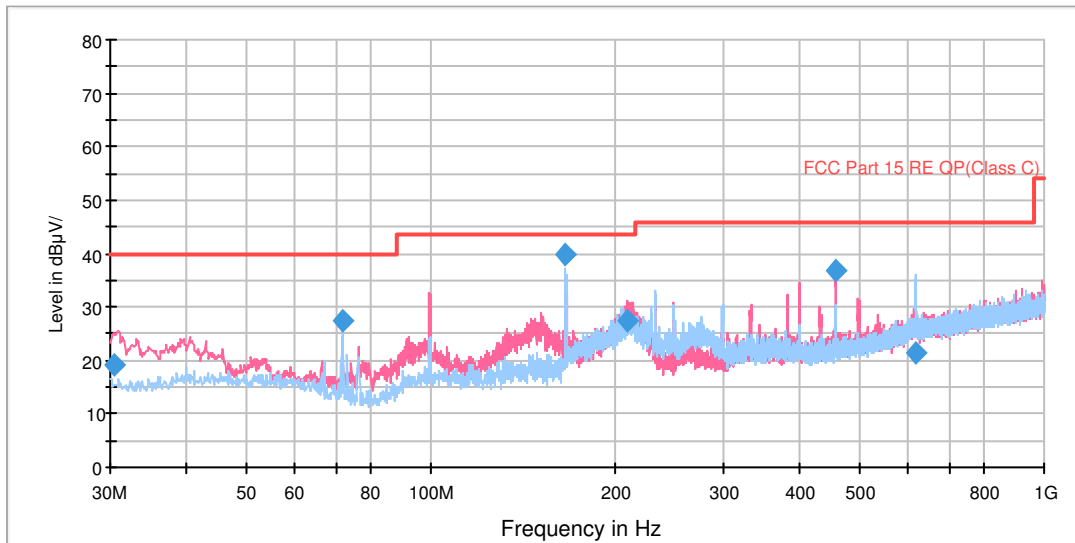
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28143.625000	17.9	H	0.0	34.3	-16.4	36.1	54
30259.750000	19.1	H	0.0	36.0	-16.9	34.9	54
31245.250000	20.5	H	0.0	36.6	-16.1	33.5	54
34495.375000	19.8	V	0.0	36.4	-16.6	34.2	54
36935.500000	21.7	V	0.0	38.3	-16.6	32.3	54
39925.750000	25.1	V	0.0	41.0	-15.9	28.9	54

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



802.11ac (HT20) CH40

FCC RE 0.03-1GHz QP Class C

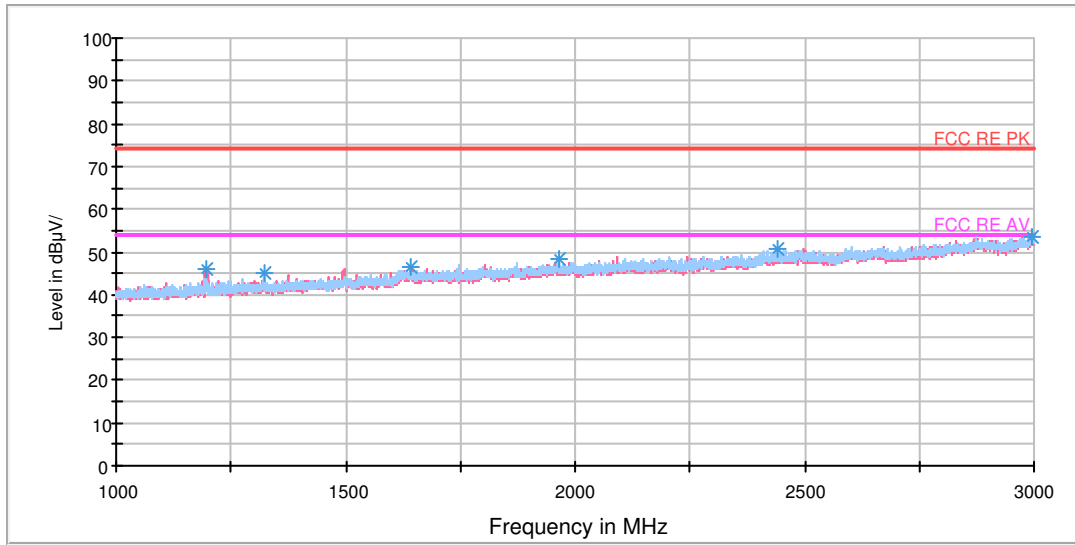


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
30.530000	19.0	100.0	V	312.0	30.9	11.9	19.0	40.0
71.992500	27.3	125.0	H	0.0	35.9	8.6	27.3	40.0
166.001250	39.9	125.0	H	269.0	49.9	10.0	39.9	43.5
209.728750	27.5	100.0	V	10.0	40.0	12.5	27.5	43.5
458.376250	36.7	100.0	V	0.0	55.7	19.0	36.7	46.0
619.522500	21.4	100.0	H	22.0	43.6	22.2	21.4	46.0

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

RE 1G-3GHz PK+AV



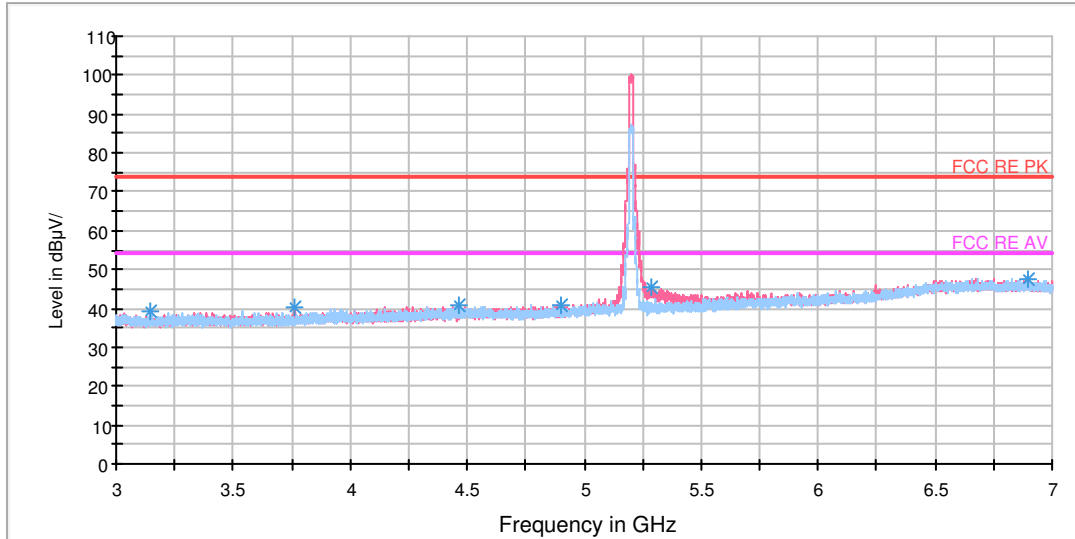
Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1194.750000	46.0	102.0	V	0.0	54.2	-8.2	28.0	74
1321.000000	45.2	102.0	H	1.0	52.5	-7.3	28.8	74
1643.000000	46.3	102.0	V	71.0	51.1	-4.8	27.7	74
1963.500000	48.3	102.0	H	0.0	51.6	-3.3	25.7	74
2441.000000	50.6	102.0	V	0.0	51.0	-0.4	23.4	74
2994.500000	53.7	102.0	H	113.0	56.0	2.3	20.3	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1189.750000	31.9	102.0	V	138.0	40.1	-8.2	22.1	54
1222.750000	32.7	102.0	V	33.0	40.5	-7.8	21.3	54
1647.250000	35.1	102.0	V	0.0	40.1	-5.0	18.9	54
2077.750000	36.1	102.0	H	0.0	39.1	-3.0	17.9	54
2492.000000	39.1	102.0	H	1.0	39.4	0.3	14.9	54
2994.750000	44.7	102.0	V	217.0	47.0	2.3	9.3	54

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



Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 7GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3148.000000	39.2	100.0	H	0.0	39.7	0.5	34.8	74
3766.500000	40.1	100.0	V	180.0	41.0	0.9	33.9	74
4467.500000	40.7	100.0	H	4.0	43.1	2.4	33.3	74
4902.500000	40.6	100.0	H	142.0	43.2	2.6	33.4	74
5289.500000	45.5	100.0	V	124.0	49.5	4.0	28.5	74
6899.500000	47.7	100.0	V	151.0	56.0	8.3	26.3	74

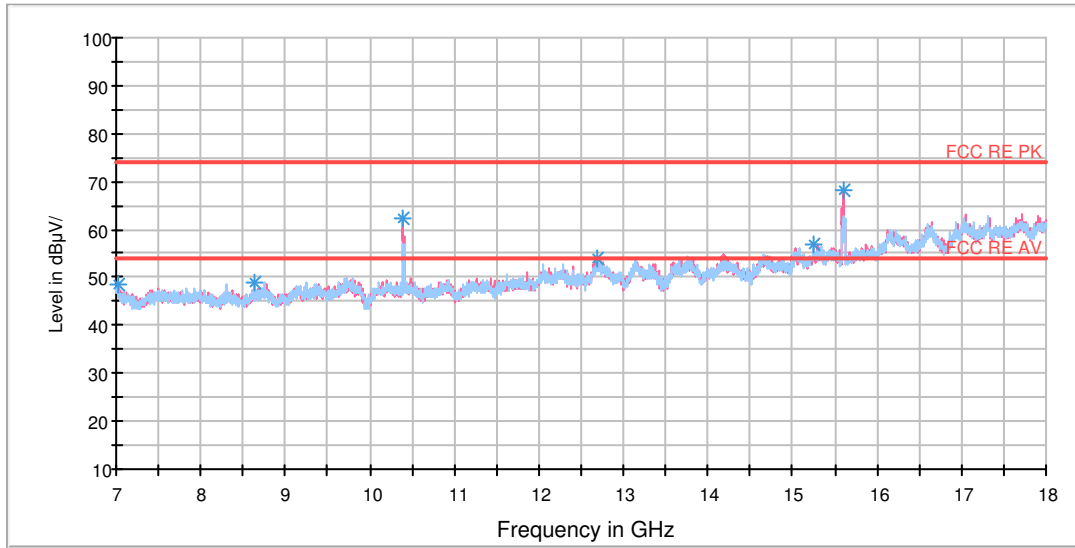
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3035.000000	27.1	100.0	H	98.0	27.9	0.8	26.9	54
3960.000000	28.5	100.0	V	68.0	30.8	2.3	25.5	54
4474.000000	28.9	100.0	V	151.0	31.3	2.4	25.1	54
5017.000000	29.3	100.0	V	180.0	32.1	2.8	24.7	54
5292.500000	34.1	100.0	V	124.0	38.1	4.0	19.9	54
6720.000000	35.9	100.0	V	180.0	44.5	8.6	18.1	54

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



RE 7-18GHz PK



Radiates Emission from 7GHz to 18GHz

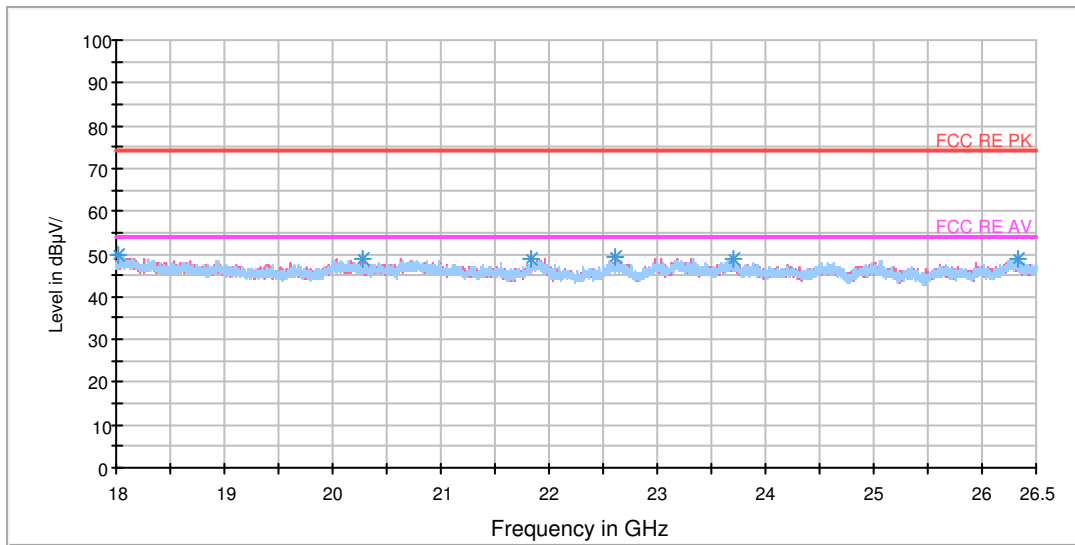
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7030.250000	48.3	101.0	V	92.0	56.1	7.8	25.7	74
8639.000000	48.8	101.0	H	269.0	57.4	8.6	25.2	74
10399.000000	62.2	101.0	V	4.0	72.1	9.9	11.8	74
12700.750000	54.1	101.0	H	170.0	68.7	14.6	19.9	74
15255.500000	56.8	101.0	H	138.0	75.3	18.5	17.2	74
15610.250000	68.0	101.0	V	4.0	86.5	18.5	6.0	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)
7000.000000	38.3	102.0	V	180.0	46.8	8.5	15.7	54
9585.000000	38.0	102.0	V	180.0	47.9	9.9	16.0	54
10399.000000	46.2	102.0	V	0.0	56.1	9.9	7.8	54
13138.000000	43.2	102.0	V	0.0	58.6	15.4	10.8	54
15338.000000	45.2	102.0	V	180.0	63.8	18.6	8.8	54
17705.750000	51.9	102.0	V	0.0	76.7	24.8	2.1	54

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

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

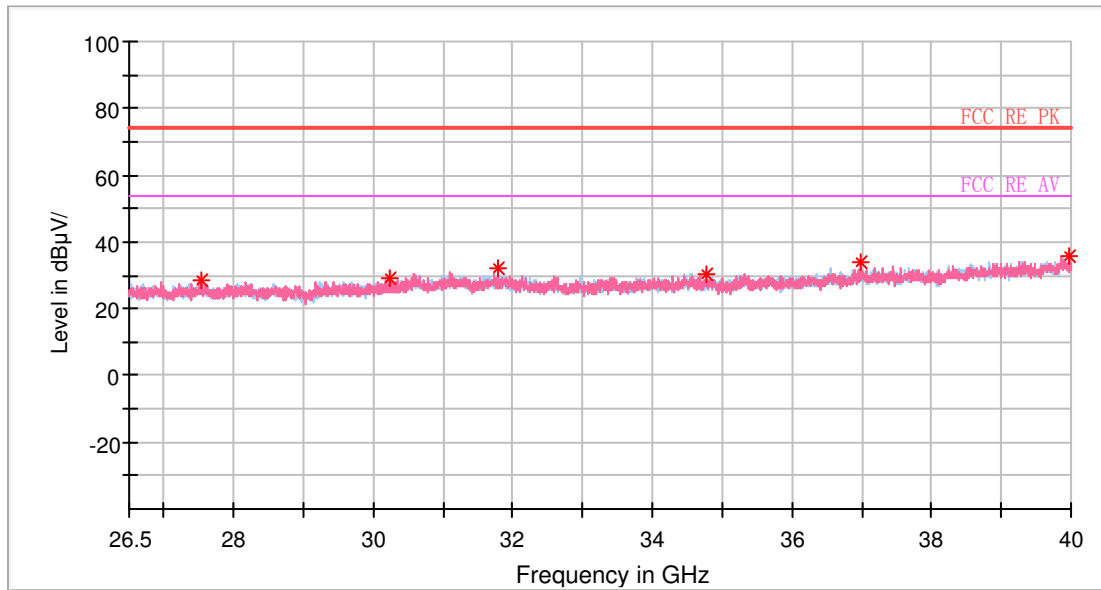
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18026.562500	49.6	H	9.0	51.5	-1.9	24.4	74
20278.000000	48.7	H	0.0	54.7	-6.0	25.3	74
21838.812500	48.8	V	177.0	56.8	-8.0	25.2	74
22610.187500	49.1	H	9.0	55.8	-6.7	24.9	74
23704.562500	49.0	V	0.0	54.9	-5.9	25.0	74
26325.750000	48.6	H	29.0	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)
18064.812500	37.4	H	183.0	39.5	-2.1	16.6	54
20049.562500	36.3	V	65.0	42.0	-5.7	17.7	54
20781.625000	36.6	V	177.0	43.5	-6.9	17.4	54
21873.875000	36.8	H	117.0	44.8	-8.0	17.2	54
23705.625000	36.5	H	0.0	42.4	-5.9	17.5	54
26294.937500	36.9	H	0.0	42.3	-5.4	17.1	54

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

Full Spectrum



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)
27539.500000	28.3	V	0.0	45.4	-17.1	45.7	74
30242.875000	29.2	V	0.0	46.2	-17.0	44.8	74
31778.500000	31.9	V	0.0	47.3	-15.4	42.1	74
34765.375000	30.3	H	0.0	47.1	-16.8	43.7	74
36989.500000	33.7	H	0.0	50.3	-16.6	40.3	74
39983.125000	35.7	V	0.0	51.6	-15.9	38.3	74

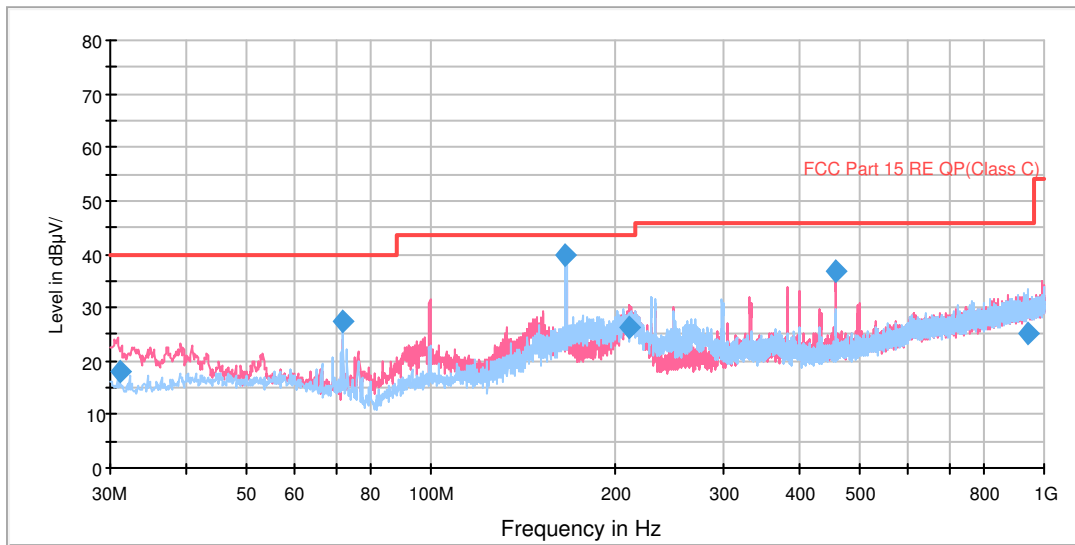
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27553.000000	18.2	H	0.0	35.3	-17.1	35.8	54
30182.125000	18.6	H	0.0	35.7	-17.1	35.4	54
31272.250000	20.4	H	0.0	36.5	-16.1	33.6	54
34218.625000	19.8	H	0.0	36.3	-16.5	34.2	54
36962.500000	21.7	H	0.0	38.3	-16.6	32.3	54
39993.250000	24.9	H	0.0	40.8	-15.9	29.1	54

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

802.11ac (HT20) CH48

FCC RE 0.03-1GHz QP Class C

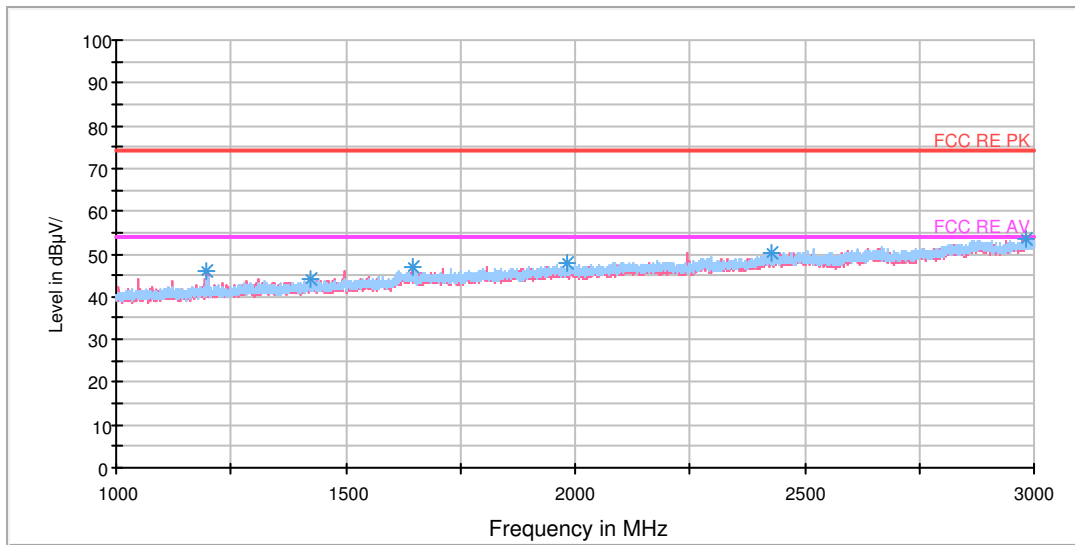


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
31.088750	17.9	100.0	V	248.0	29.8	11.9	22.1	40.0
71.992500	27.4	125.0	H	11.0	36.0	8.6	12.6	40.0
166.001250	39.8	125.0	H	275.0	49.8	10.0	3.7	43.5
210.340000	26.3	100.0	V	16.0	38.8	12.5	17.2	43.5
458.376250	36.7	100.0	V	0.0	55.7	19.0	9.3	46.0
939.455000	25.0	100.0	H	244.0	50.9	25.9	21.0	46.0

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

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1198.500000	46.0	102.0	V	127.0	54.2	-8.2	28.0	74
1425.750000	44.1	102.0	H	50.0	51.0	-6.9	29.9	74
1644.250000	46.9	102.0	V	58.0	51.7	-4.8	27.1	74
1982.500000	47.7	102.0	H	81.0	51.5	-3.8	26.3	74
2428.250000	50.3	102.0	V	0.0	50.9	-0.6	23.7	74
2981.750000	53.7	102.0	V	33.0	55.9	2.2	20.3	74

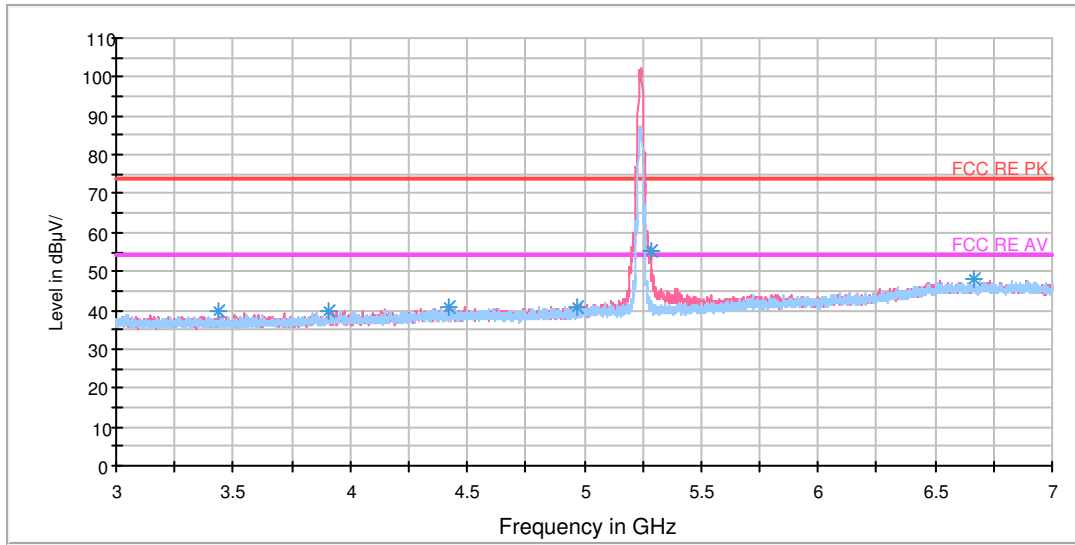
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1195.750000	32.2	102.0	V	13.0	40.4	-8.2	21.8	54
1323.750000	32.5	102.0	H	0.0	39.9	-7.4	21.5	54
1647.000000	35.6	102.0	V	127.0	40.6	-5.0	18.4	54
2076.750000	36.3	102.0	H	259.0	39.3	-3.0	17.7	54
2492.500000	39.1	102.0	H	128.0	39.3	0.2	14.9	54
2994.750000	45.7	102.0	H	50.0	48.0	2.3	8.3	54

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



RE 1G-18GHz PK+AV Class B



Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 7GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3440.000000	39.5	100.0	H	0.0	40.2	0.7	34.5	74
3911.000000	39.8	100.0	V	179.0	41.4	1.6	34.2	74
4422.000000	40.6	100.0	V	179.0	42.8	2.2	33.4	74
4969.500000	40.9	100.0	V	179.0	43.3	2.4	33.1	74
5283.500000	55.3	100.0	V	60.0	58.9	3.6	18.7	74
6670.000000	47.9	100.0	H	23.0	56.4	8.5	26.1	74

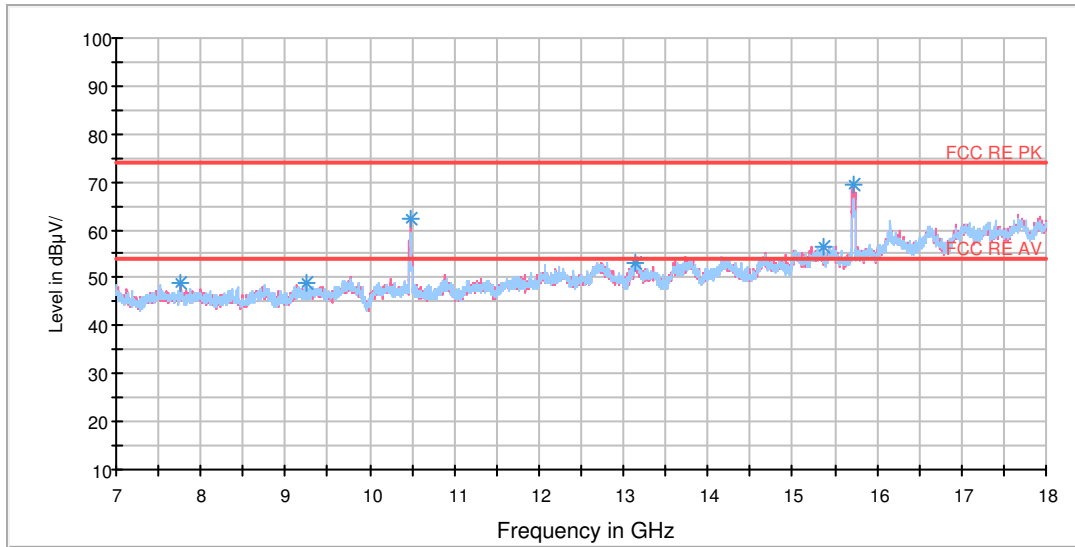
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3050.500000	27.1	100.0	H	103.0	28.1	1.0	26.9	54
3960.000000	28.3	100.0	H	14.0	30.6	2.3	25.7	54
4496.500000	29.0	100.0	H	14.0	31.7	2.7	25.0	54
4967.000000	28.6	100.0	V	116.0	31.1	2.5	25.4	54
5278.000000	40.6	100.0	V	75.0	43.9	3.3	13.4	54
6727.000000	36.0	100.0	V	156.0	44.6	8.6	18.0	54

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



RE 7-18GHz PK



Radiates Emission from 7GHz to 18GHz

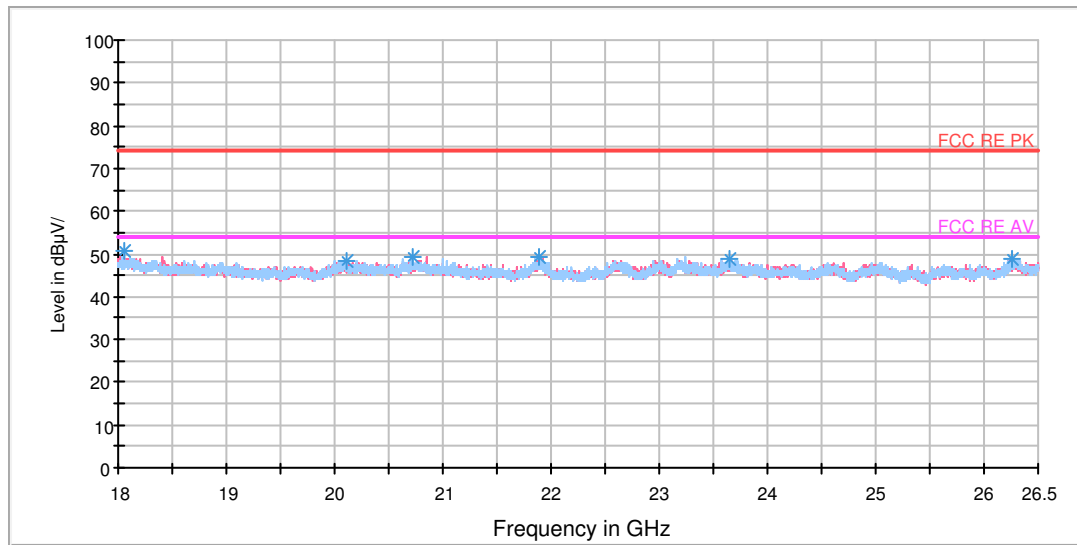
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7770.000000	48.9	101.0	V	350.0	56.9	8.0	25.1	74
9246.750000	48.7	101.0	H	225.0	57.4	8.7	25.3	74
10476.000000	62.2	101.0	V	350.0	73.0	10.8	11.8	74
13135.250000	53.3	101.0	V	0.0	68.5	15.2	20.7	74
15357.250000	56.3	101.0	V	124.0	74.7	18.4	17.7	74
15714.750000	69.3	101.0	V	167.0	88.9	19.6	4.7	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)
7000.000000	38.4	102.0	V	180.0	46.9	8.5	15.6	54
9587.750000	38.1	102.0	V	180.0	48.0	9.9	15.9	54
10481.500000	47.3	102.0	V	180.0	58.2	10.9	6.7	54
13138.000000	43.2	102.0	V	180.0	58.6	15.4	10.8	54
15335.250000	45.2	102.0	V	180.0	63.7	18.5	8.8	54
17700.250000	51.9	102.0	V	180.0	76.7	24.8	2.1	54

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

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

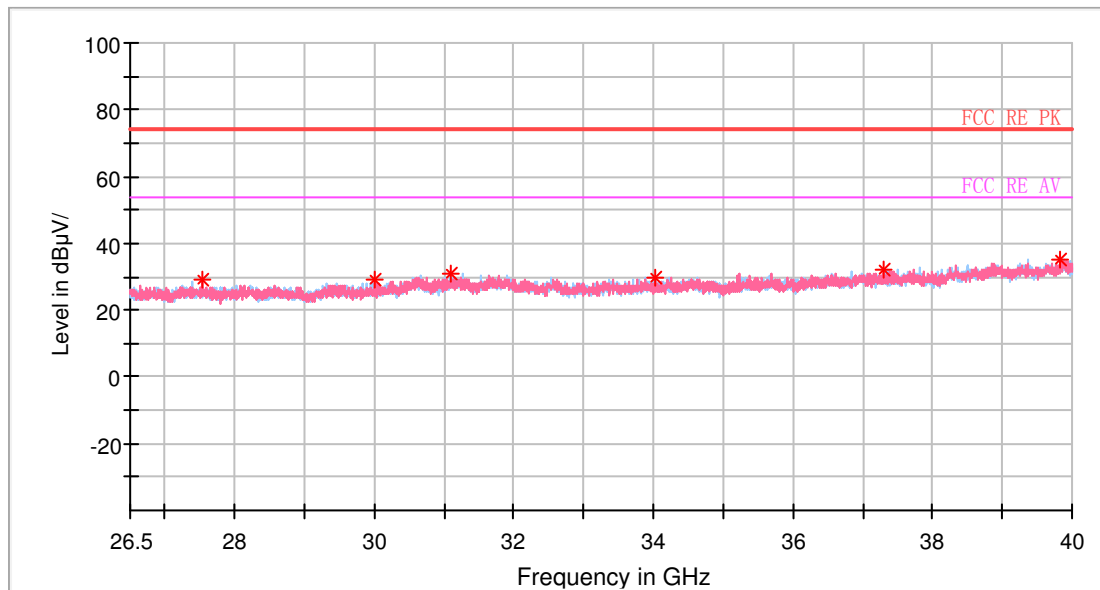
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18062.687500	50.5	H	161.0	50.5	-2.1	23.5	74
20114.375000	48.3	V	0.0	48.3	-5.8	25.7	74
20726.375000	49.3	H	32.0	49.3	-6.8	24.7	74
21893.000000	49.3	H	0.0	49.3	-8.0	24.7	74
23648.250000	48.8	H	96.0	48.8	-5.9	25.2	74
26264.125000	48.8	H	250.0	48.8	-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)
18021.250000	37.4	V	0.0	39.3	-1.9	16.6	54
20095.250000	36.4	V	265.0	42.2	-5.8	17.6	54
20783.750000	36.8	H	74.0	43.7	-6.9	17.2	54
21889.812500	36.8	V	309.0	44.8	-8.0	17.2	54
23698.187500	36.8	V	332.0	42.7	-5.9	17.2	54
26289.625000	36.9	V	67.0	42.3	-5.4	17.1	54

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

Full Spectrum



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)
27532.750000	28.9	V	0.0	46.0	-17.1	45.1	74
30010.000000	28.8	V	0.0	46.2	-17.4	45.2	74
31083.250000	30.7	H	0.0	46.5	-15.8	43.3	74
34033.000000	29.9	H	0.0	46.7	-16.8	44.1	74
37296.625000	31.8	V	0.0	48.3	-16.5	42.2	74
39834.625000	35.1	V	0.0	51.0	-15.9	38.9	74

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

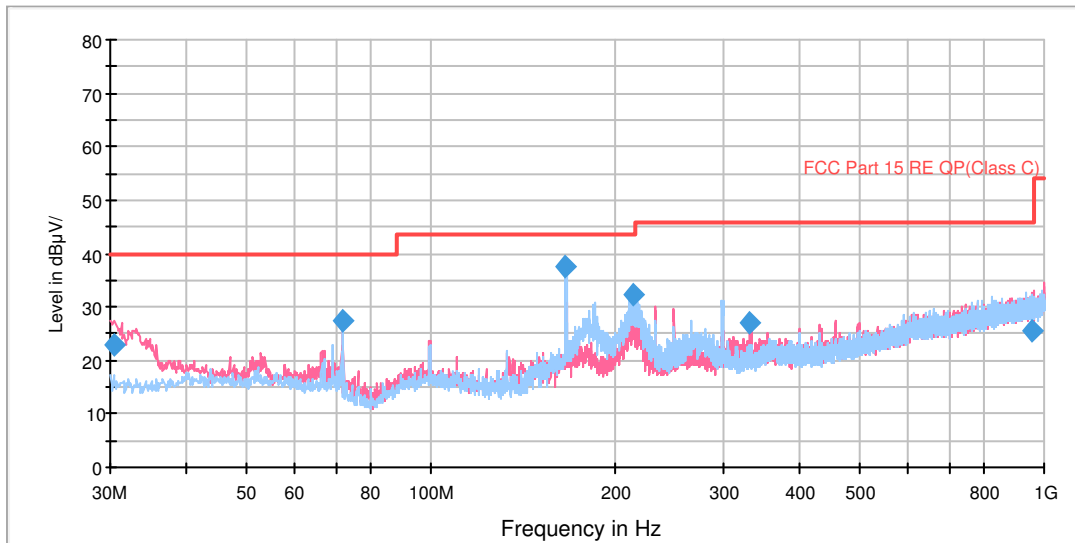
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27529.375000	17.7	H	0.0	34.8	-17.1	36.3	54
30246.250000	18.9	V	0.0	35.9	-17.0	35.1	54
30587.125000	20.4	H	0.0	36.8	-16.4	33.6	54
34424.500000	20.2	V	0.0	36.7	-16.5	33.8	54
37023.250000	22.2	H	0.0	38.8	-16.6	31.8	54
39868.375000	25.1	V	0.0	41.0	-15.9	28.9	54

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



802.11ac (HT20) CH52

FCC RE 0.03-1GHz QP Class C

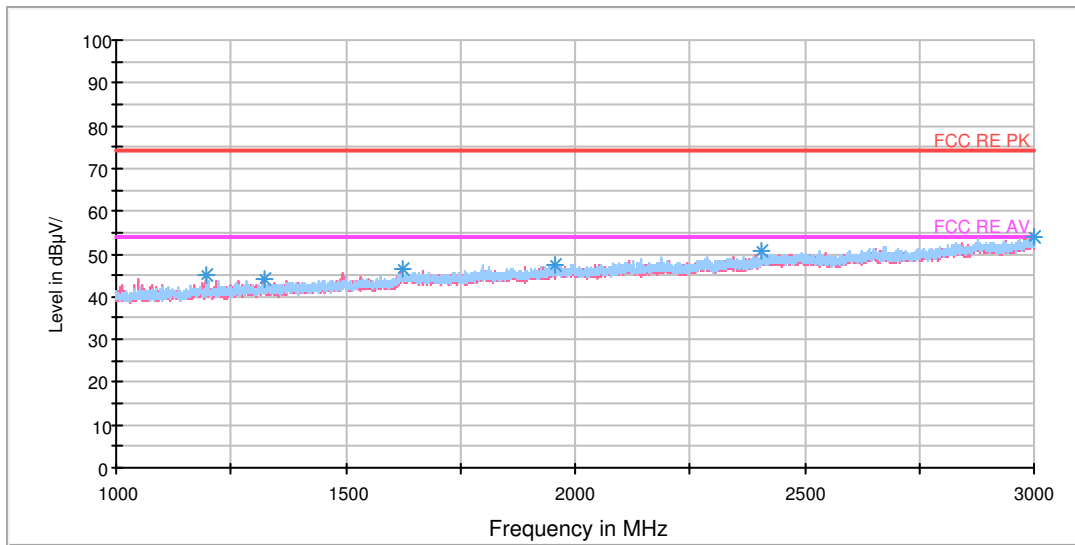


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
30.520000	22.8	100.0	V	0.0	34.7	11.9	17.2	40.0
71.992500	27.3	100.0	V	238.0	35.9	8.6	12.7	40.0
166.001250	37.4	125.0	H	73.0	47.4	10.0	6.1	43.5
213.330000	32.3	125.0	H	55.0	44.9	12.6	11.2	43.5
331.958750	27.0	125.0	V	350.0	43.2	16.2	19	46.0
958.655000	25.5	100.0	V	322.0	51.7	26.2	20.5	46.0

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

RE 1G-3GHz PK+AV



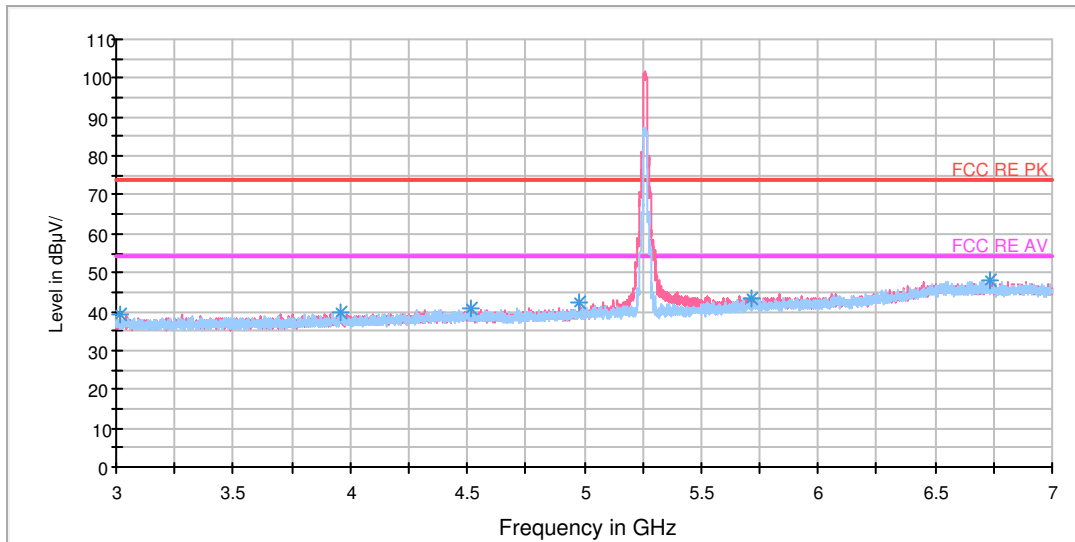
Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1197.000000	45.0	102.0	V	296.0	53.2	-8.2	29.0	74
1321.250000	44.0	102.0	V	0.0	51.3	-7.3	30.0	74
1624.750000	46.4	102.0	H	49.0	51.2	-4.8	27.6	74
1956.500000	47.5	102.0	H	226.0	50.9	-3.4	26.5	74
2405.500000	50.9	102.0	H	33.0	51.7	-0.8	23.1	74
2999.750000	53.9	102.0	V	33.0	56.2	2.3	20.1	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1197.750000	31.9	102.0	V	52.0	40.1	-8.2	22.1	54
1323.750000	32.5	102.0	V	0.0	39.9	-7.4	21.5	54
1647.000000	35.0	102.0	V	52.0	40.0	-5.0	19.0	54
1994.750000	36.3	102.0	H	2.0	39.5	-3.2	17.7	54
2491.250000	39.0	102.0	V	0.0	39.3	0.3	15.0	54
2994.750000	45.1	102.0	H	328.0	47.4	2.3	8.9	54

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



Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 7GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3015.500000	34.6	100.0	V	178.0	35.1	0.5	34.6	74
3957.000000	34.3	100.0	H	0.0	36.2	1.9	34.3	74
4517.000000	33.2	100.0	V	178.0	35.5	2.3	33.2	74
4982.500000	31.8	100.0	V	138.0	34.8	3.0	31.8	74
5718.000000	30.6	100.0	V	83.0	35.1	4.5	30.6	74
6731.000000	26.0	100.0	V	151.0	34.5	8.5	26.0	74

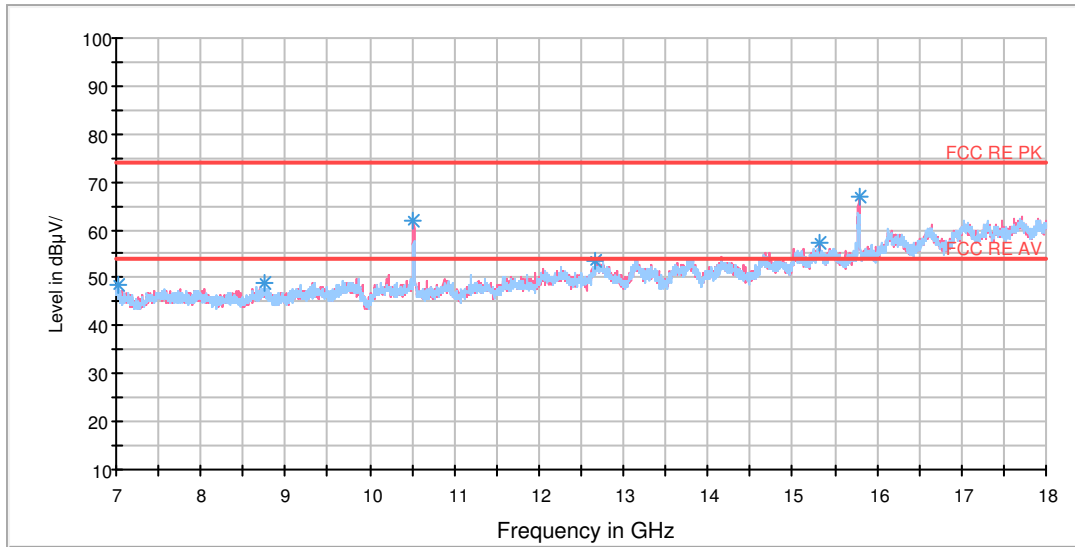
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3030.000000	27.1	100.0	V	176.0	27.9	0.8	26.9	54
3960.500000	28.1	100.0	H	0.0	30.3	2.2	25.9	54
4494.500000	28.9	100.0	V	174.0	31.5	2.6	25.1	54
4810.000000	28.6	100.0	V	180.0	31.0	2.4	25.4	54
5771.000000	32.1	100.0	V	69.0	37.1	5.0	21.9	54
6725.000000	36.2	100.0	V	180.0	44.8	8.6	17.8	54

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



RE 7-18GHz PK



Radiates Emission from 7GHz to 18GHz

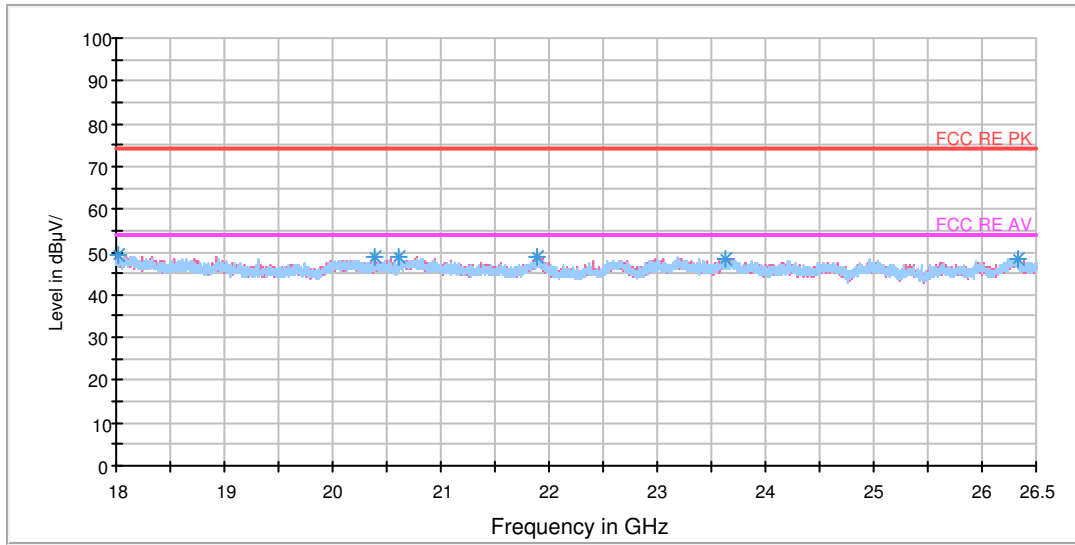
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7019.250000	48.4	101.0	H	9.0	56.6	8.2	25.6	74
8765.500000	49.1	101.0	H	334.0	57.7	8.6	24.9	74
10520.000000	61.7	101.0	V	4.0	72.2	10.5	12.3	74
12676.000000	53.5	101.0	V	179.0	68.0	14.5	20.5	74
15318.750000	57.2	101.0	V	274.0	75.4	18.2	16.8	74
15797.250000	67.1	101.0	V	339.0	86.9	19.8	6.9	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)
7000.000000	38.4	102.0	V	0.0	46.9	8.5	15.6	54
9587.750000	38.1	102.0	V	180.0	48.0	9.9	15.9	54
10520.000000	46.8	102.0	V	180.0	57.3	10.5	7.2	54
13138.000000	43.1	102.0	V	180.0	58.5	15.4	10.9	54
15335.250000	45.2	102.0	V	180.0	63.7	18.5	8.8	54
17705.750000	51.9	102.0	V	180.0	76.7	24.8	2.1	54

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

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18013.812500	49.2	H	342.0	51.1	-1.9	24.8	74
20391.687500	48.7	V	221.0	54.8	-6.1	25.3	74
20610.562500	48.8	H	137.0	55.3	-6.5	25.2	74
21893.000000	48.9	V	0.0	56.9	-8.0	25.1	74
23624.875000	48.4	H	160.0	54.3	-5.9	25.6	74
26334.250000	48.6	V	309.0	54.0	-5.4	25.4	74

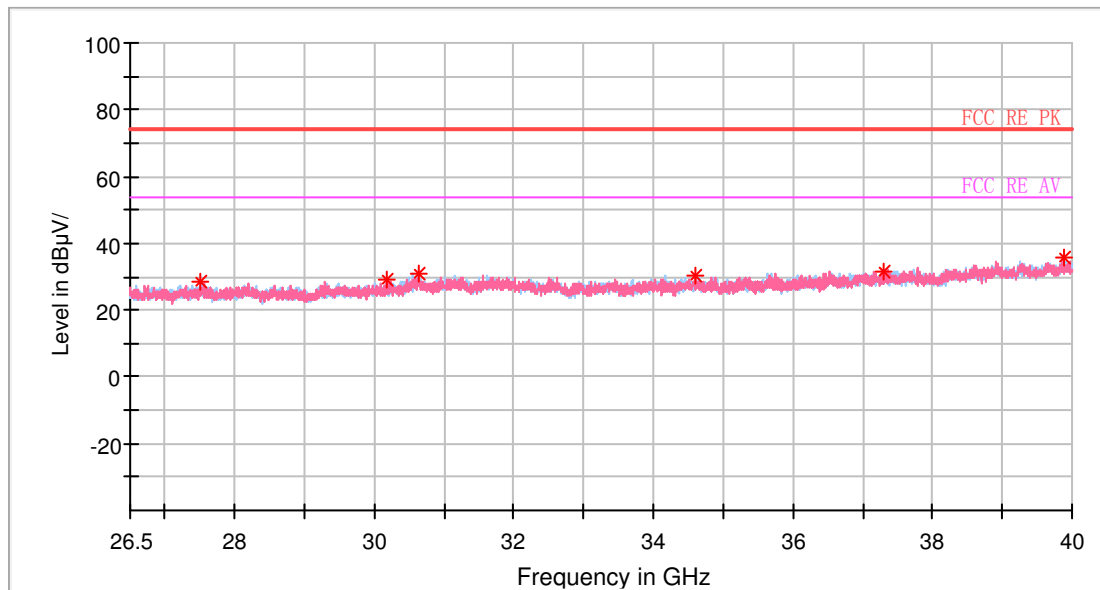
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18051.000000	37.5	V	133.0	39.5	-2.0	16.5	54
20059.125000	36.4	H	72.0	42.1	-5.7	17.6	54
20788.000000	36.7	H	137.0	43.6	-6.9	17.3	54
21894.062500	36.9	H	0.0	44.9	-8.0	17.1	54
23698.187500	36.7	V	199.0	42.6	-5.9	17.3	54
26293.875000	36.9	V	243.0	42.3	-5.4	17.1	54

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



Full Spectrum



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)
27502.375000	28.3	H	0.0	45.4	-17.1	45.7	74
30172.000000	28.9	V	0.0	46.0	-17.1	45.1	74
30637.750000	30.9	V	0.0	47.3	-16.4	43.1	74
34596.625000	30.4	V	0.0	47.1	-16.7	43.6	74
37303.375000	31.6	V	0.0	48.1	-16.5	42.4	74
39875.125000	35.6	H	0.0	51.5	-15.9	38.4	74

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

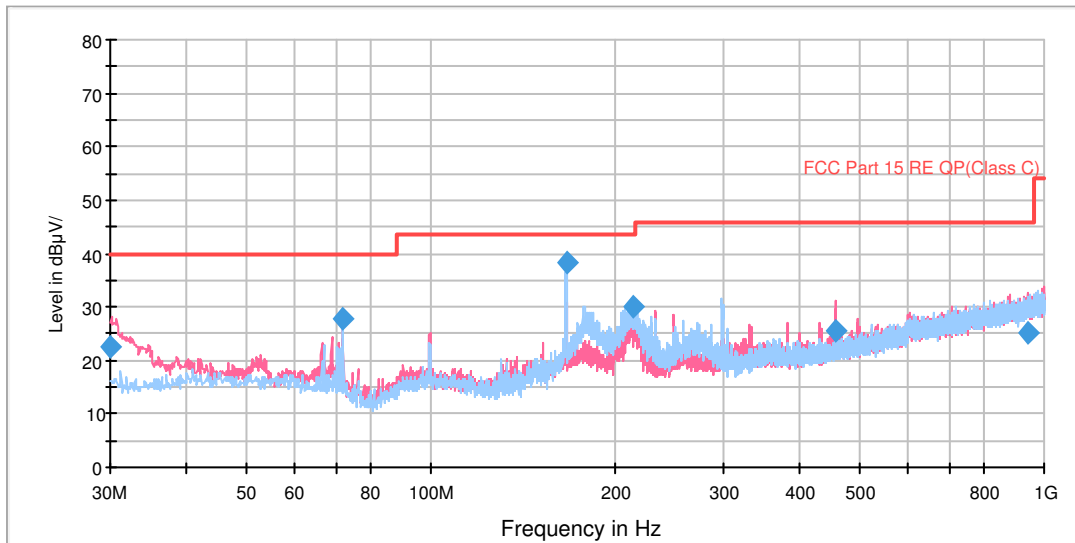
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27532.750000	17.8	H	0.0	34.9	-17.1	36.2	54
30259.750000	18.9	H	0.0	35.8	-16.9	35.1	54
31704.250000	20.5	V	0.0	35.9	-15.4	33.5	54
34562.875000	19.9	H	0.0	36.5	-16.6	34.1	54
37148.125000	21.7	H	0.0	38.3	-16.6	32.3	54
39885.250000	25.1	H	0.0	41.0	-15.9	28.9	54

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



802.11ac (HT20) CH60

FCC RE 0.03-1GHz QP Class C



Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
30.040000	22.7	100.0	V	206.0	34.6	11.9	17.3	40.0
71.992500	27.7	125.0	H	183.0	36.3	8.6	12.3	40.0
166.285000	38.3	125.0	H	54.0	48.3	10.0	5.2	43.5
213.330000	30.1	125.0	H	54.0	42.7	12.6	13.4	43.5
458.413750	25.7	114.0	V	45.0	44.7	19.0	20.3	46.0
938.362500	25.1	100.0	V	290.0	51.0	25.9	20.9	46.0

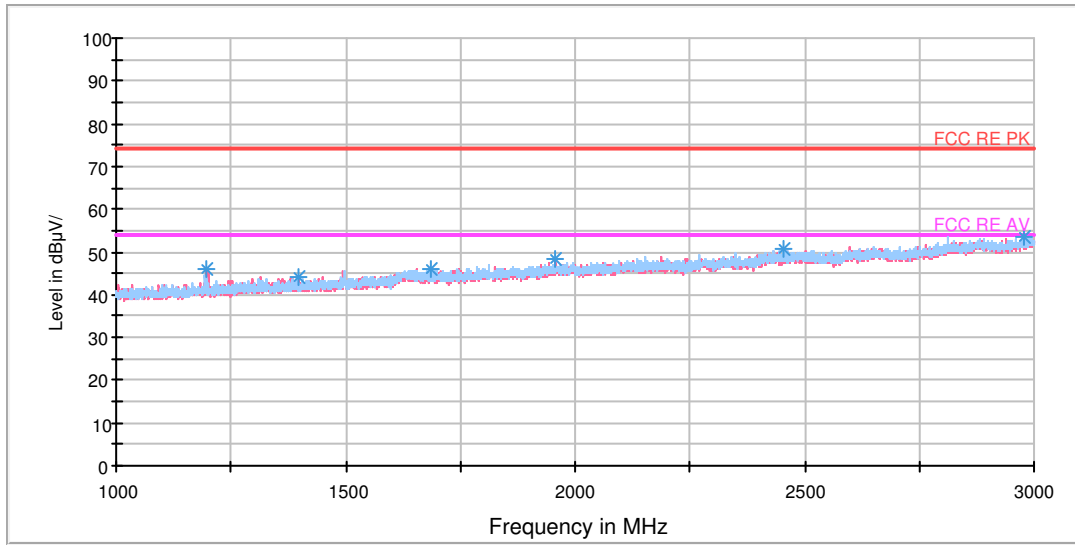
Remark: 1. Quasi-Peak = Reading value + Correction factor

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

3. Margin = Limit – Quasi-Peak



RE 1G-3GHz PK+AV



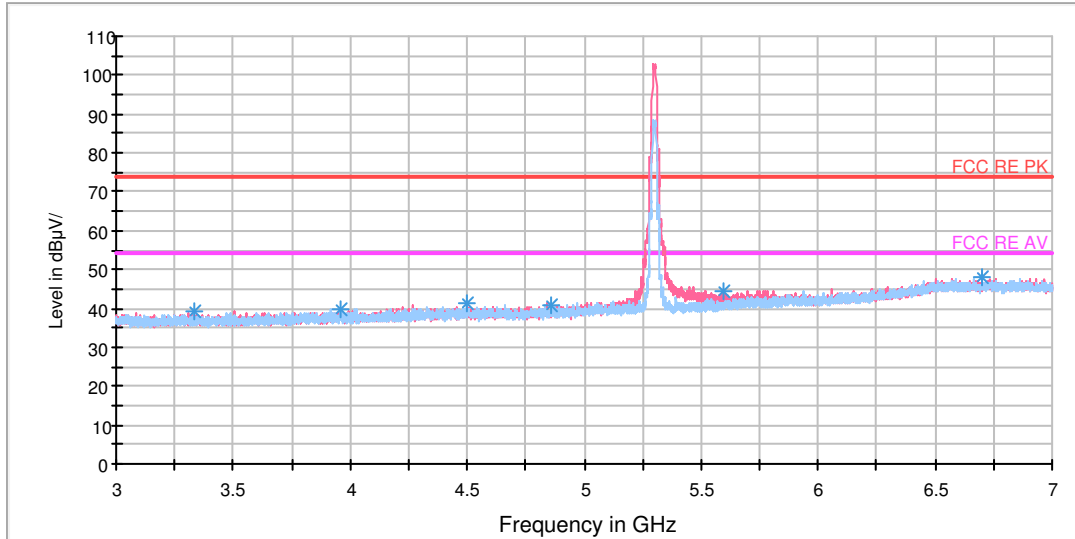
Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1195.250000	46.0	102.0	V	137.0	54.2	-8.2	28.0	74
1397.500000	44.0	102.0	V	248.0	51.1	-7.1	30.0	74
1685.000000	46.0	102.0	H	114.0	51.0	-5.0	28.0	74
1958.500000	48.2	102.0	V	0.0	51.4	-3.2	25.8	74
2455.000000	50.5	102.0	V	0.0	51.1	-0.6	23.5	74
2979.500000	53.7	102.0	V	53.0	55.9	2.2	20.3	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1180.500000	31.8	102.0	V	137.0	39.8	-8.0	22.2	54
1296.250000	32.5	102.0	V	263.0	40.3	-7.8	21.5	54
1647.000000	35.2	102.0	V	0.0	40.2	-5.0	18.8	54
2077.000000	36.0	102.0	H	98.0	39.0	-3.0	18.0	54
2488.000000	39.1	102.0	V	137.0	39.3	0.2	14.9	54
2994.750000	45.6	102.0	H	328.0	47.9	2.3	8.4	54

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



Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 7GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3330.000000	39.2	100.0	H	0.0	40.2	1.0	34.8	74
3961.000000	39.6	100.0	H	30.0	41.8	2.2	34.4	74
4502.000000	41.1	100.0	H	20.0	43.9	2.8	32.9	74
4861.500000	40.7	100.0	V	168.0	43.3	2.6	33.3	74
5597.000000	44.4	100.0	V	176.0	48.7	4.3	29.6	74
6698.500000	48.0	100.0	V	138.0	56.5	8.5	26.0	74

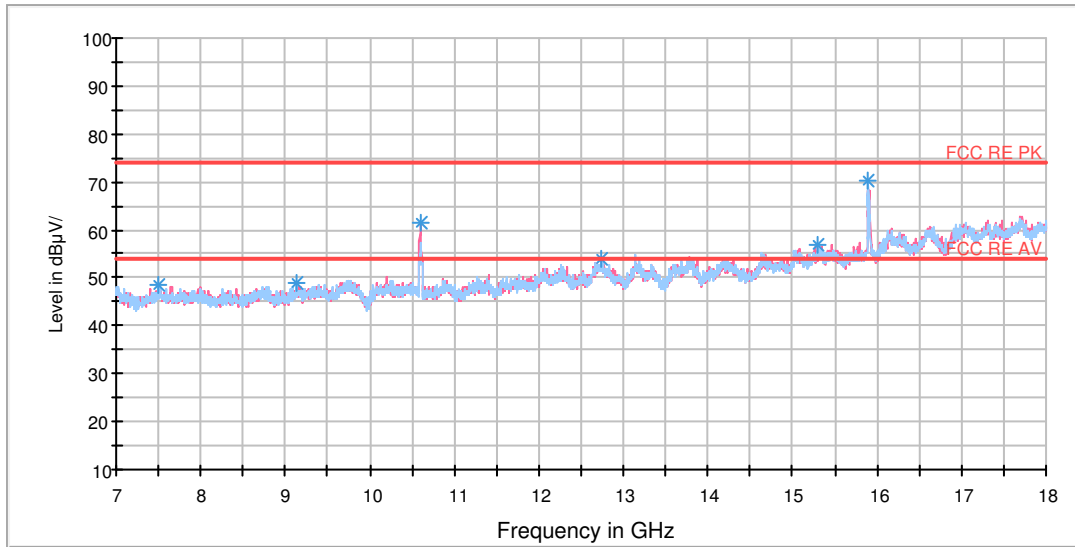
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3269.000000	27.0	100.0	V	180.0	27.9	0.9	27.0	54
3960.500000	28.3	100.0	V	173.0	30.5	2.2	25.7	54
4328.500000	28.9	100.0	V	180.0	31.2	2.3	25.1	54
5128.500000	29.8	100.0	V	178.0	33.0	3.2	24.2	54
5479.000000	32.8	100.0	V	125.0	36.6	3.8	21.2	54
6731.000000	36.0	100.0	V	180.0	44.5	8.5	18.0	54

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



RE 7-18GHz PK



Radiates Emission from 7GHz to 18GHz

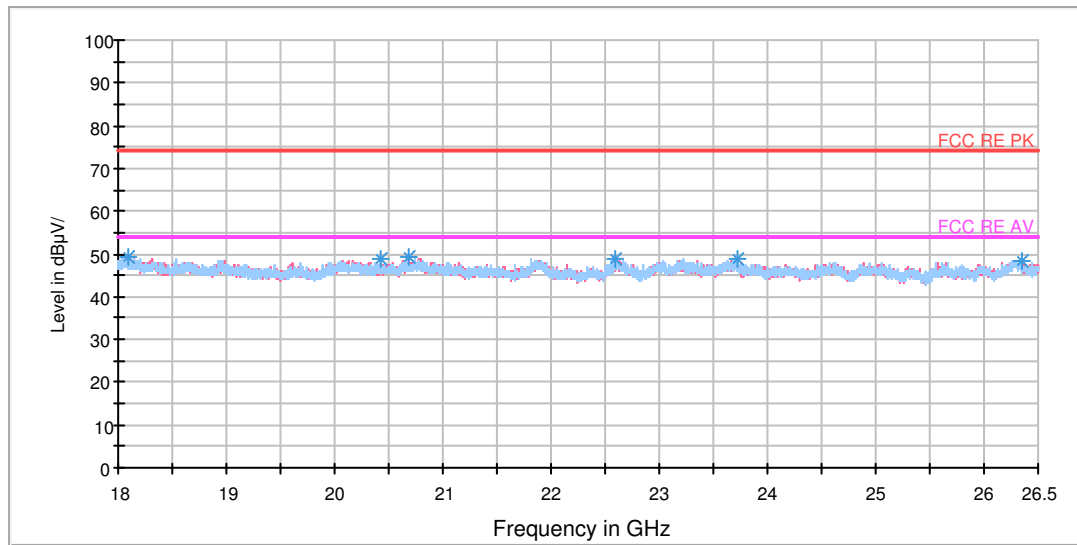
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7506.000000	48.4	101.0	V	275.0	55.4	7.0	25.6	74
9131.250000	48.9	101.0	H	139.0	57.9	9.0	25.1	74
10599.750000	61.5	101.0	V	341.0	71.6	10.1	12.5	74
12739.250000	53.9	101.0	V	254.0	68.4	14.5	20.1	74
15307.750000	56.7	101.0	H	215.0	75.0	18.3	17.3	74
15901.750000	70.3	101.0	H	300.0	90.4	20.1	3.7	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)
7000.000000	38.3	102.0	V	180.0	46.8	8.5	15.7	54
9587.750000	38.1	102.0	V	180.0	48.0	9.9	15.9	54
10602.500000	46.2	102.0	V	0.0	56.3	10.1	7.8	54
13138.000000	43.2	102.0	V	180.0	58.6	15.4	10.8	54
15338.000000	45.3	102.0	V	180.0	63.9	18.6	8.7	54
17708.500000	51.9	102.0	V	180.0	76.7	24.8	2.1	54

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

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

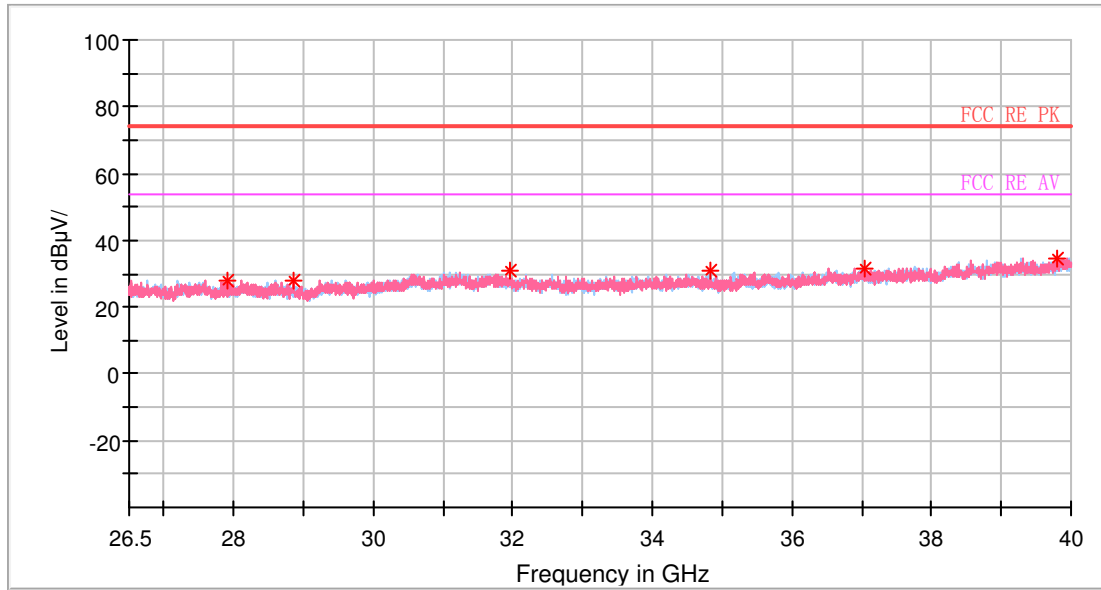
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18094.562500	49.2	H	95.0	51.4	-2.2	24.8	74
20427.812500	48.8	H	0.0	54.9	-6.1	25.2	74
20676.437500	49.3	V	354.0	55.9	-6.6	24.7	74
22595.312500	48.8	H	51.0	55.5	-6.7	25.2	74
23718.375000	48.9	H	51.0	54.8	-5.9	25.1	74
26356.562500	48.5	H	51.0	53.9	-5.4	25.5	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)
18102.000000	37.3	H	161.0	39.5	-2.2	16.7	54
20055.937500	36.3	V	0.0	42.0	-5.7	17.7	54
20775.250000	36.7	V	0.0	43.6	-6.9	17.3	54
21905.750000	36.9	V	288.0	44.9	-8.0	17.1	54
23662.062500	36.6	V	0.0	42.5	-5.9	17.4	54
26286.437500	37.1	V	66.0	42.5	-5.4	16.9	54

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

Full Spectrum



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)
27917.500000	27.9	H	0.0	44.7	-16.8	46.1	74
28845.625000	28.1	V	0.0	45.5	-17.4	45.9	74
31950.625000	30.7	V	0.0	46.3	-15.6	43.3	74
34816.000000	30.9	H	0.0	47.7	-16.8	43.1	74
37040.125000	31.7	H	0.0	48.3	-16.6	42.3	74
39811.000000	34.6	V	0.0	50.5	-15.9	39.4	74

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

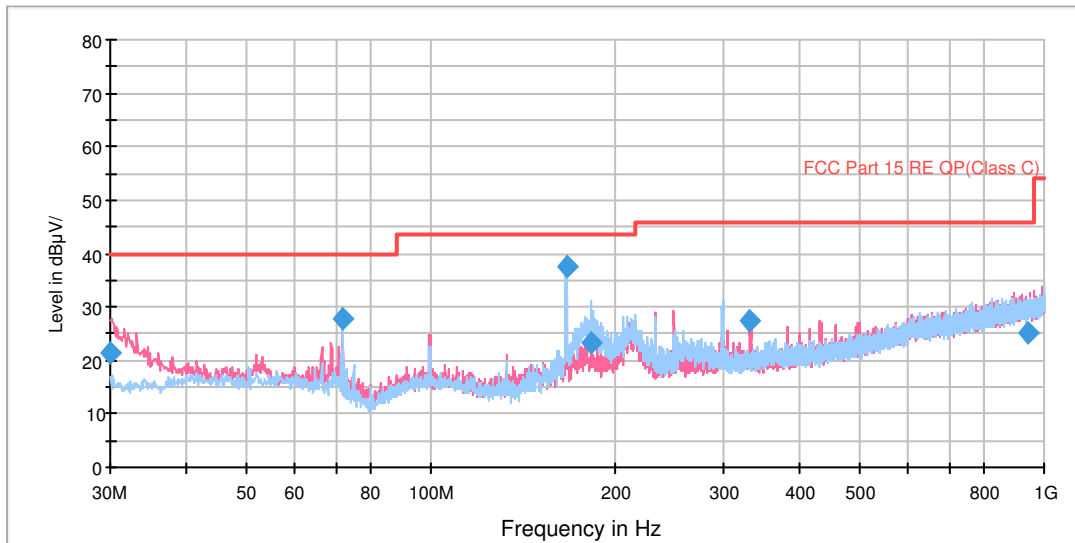
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27563.125000	17.6	V	0.0	34.7	-17.1	36.4	54
30246.250000	18.9	V	0.0	35.9	-17.0	35.1	54
31160.875000	20.4	V	0.0	36.3	-15.9	33.6	54
34529.125000	19.8	V	0.0	36.4	-16.6	34.2	54
37188.625000	21.7	V	0.0	38.3	-16.6	32.3	54
39895.375000	25.1	H	0.0	41.0	-15.9	28.9	54

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



802.11ac (HT20) CH64

FCC RE 0.03-1GHz QP Class C

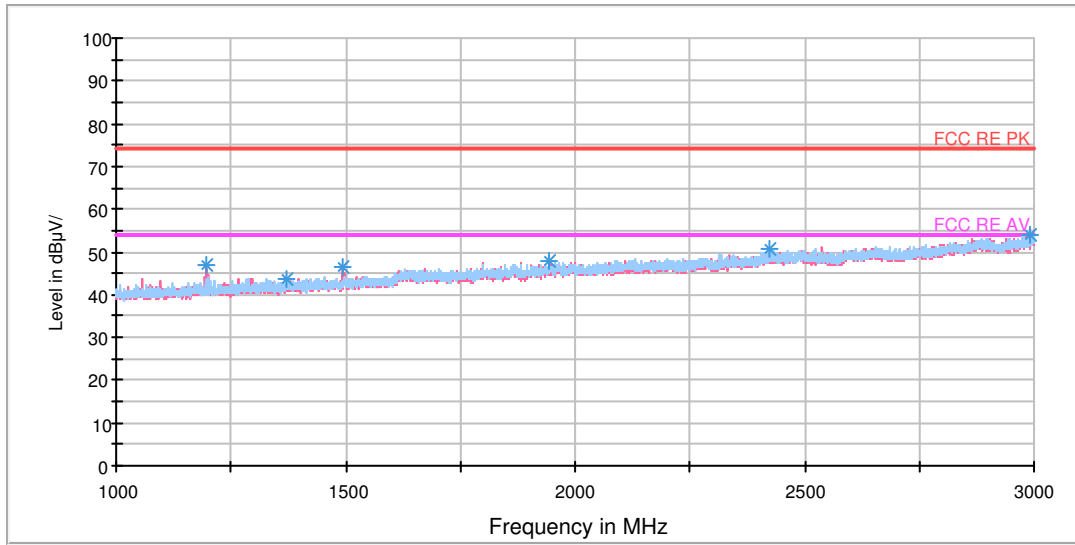


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
30.040000	21.3	100.0	V	198.0	33.2	11.9	18.7	40.0
71.992500	27.6	100.0	V	237.0	36.2	8.6	12.4	40.0
166.281250	37.4	125.0	H	67.0	47.4	10.0	6.1	43.5
182.653750	23.4	100.0	H	76.0	34.4	11.0	20.1	43.5
331.952500	27.3	125.0	V	342.0	43.5	16.2	18.7	46.0
945.080000	25.1	125.0	V	206.0	51.1	26.0	20.9	46.0

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

RE 1G-3GHz PK+AV



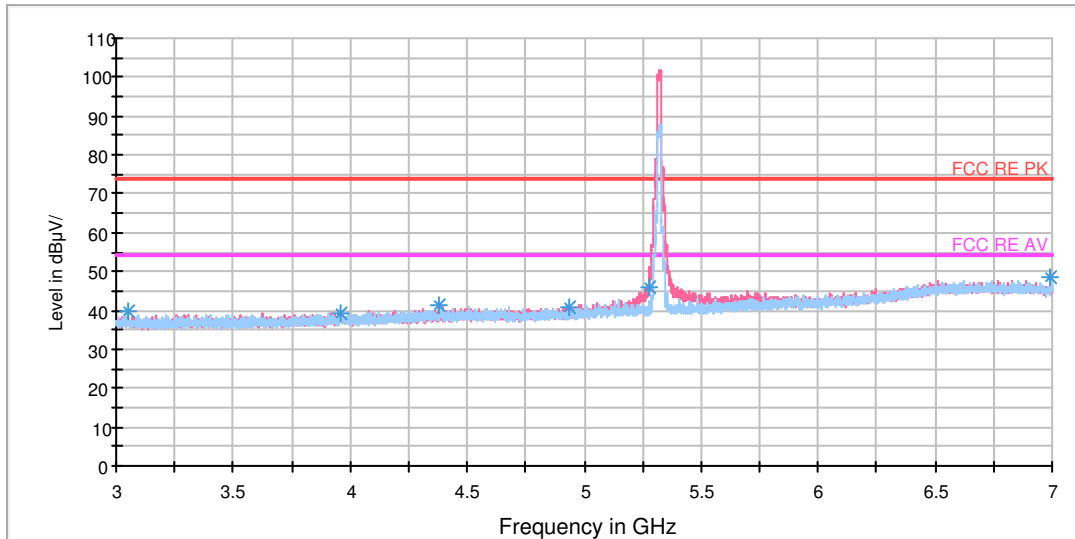
Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1198.000000	46.8	102.0	V	295.0	55.0	-8.2	27.2	74
1372.500000	43.9	102.0	V	247.0	51.1	-7.2	30.1	74
1494.750000	46.3	102.0	V	33.0	53.0	-6.7	27.7	74
1943.500000	47.7	102.0	H	0.0	51.1	-3.4	26.3	74
2422.750000	50.5	102.0	H	329.0	51.0	-0.5	23.5	74
2990.750000	53.8	102.0	V	183.0	56.0	2.2	20.2	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1198.750000	31.7	102.0	V	105.0	39.9	-8.2	22.3	54
1438.750000	32.5	102.0	H	0.0	39.4	-6.9	21.5	54
1646.750000	34.7	102.0	V	0.0	39.7	-5.0	19.3	54
1961.500000	36.2	102.0	H	143.0	39.4	-3.2	17.8	54
2491.250000	39.1	102.0	H	112.0	39.4	0.3	14.9	54
2994.750000	45.4	102.0	H	45.0	47.7	2.3	8.6	54

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



Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 7GHz

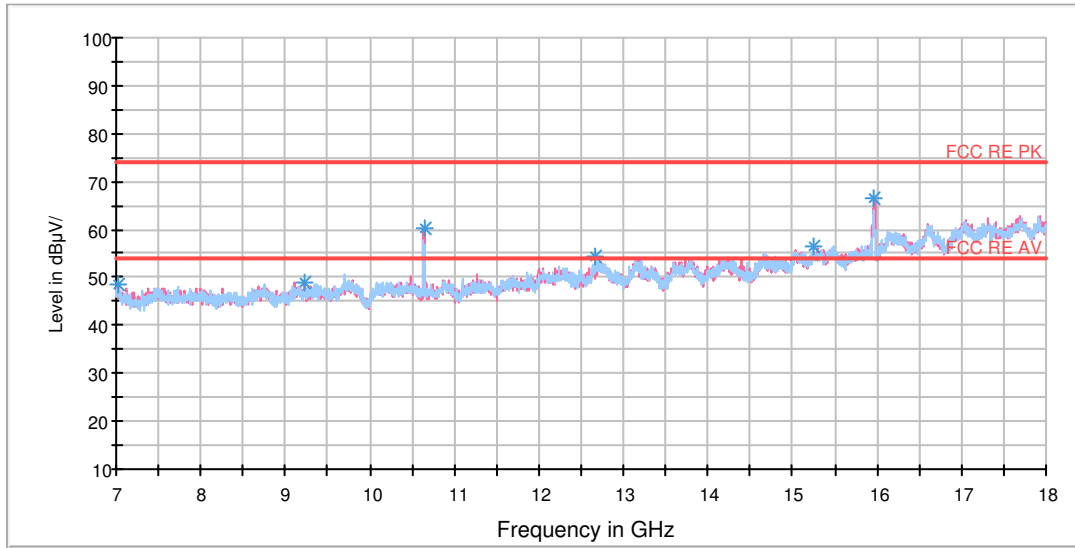
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3047.500000	39.5	100.0	H	70.0	40.4	0.9	34.5	74
3961.000000	39.5	100.0	V	178.0	41.7	2.2	34.5	74
4375.500000	41.2	100.0	V	180.0	43.3	2.1	32.8	74
4937.500000	40.9	100.0	V	176.0	43.4	2.5	33.1	74
5277.500000	46.1	100.0	V	160.0	49.4	3.3	27.9	74
6993.500000	48.4	100.0	H	141.0	56.2	7.8	25.6	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)
3274.000000	27.0	100.0	V	138.0	27.9	0.9	27.0	54
3960.500000	28.3	100.0	H	111.0	30.5	2.2	25.7	54
4498.000000	29.0	100.0	H	0.0	31.8	2.8	25.0	54
5181.500000	31.0	100.0	V	180.0	34.6	3.6	23.0	54
5538.500000	32.2	100.0	V	97.0	36.3	4.1	21.8	54
6724.000000	36.2	100.0	H	30.0	44.8	8.6	17.8	54

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

RE 7-18GHz PK



Radiates Emission from 7GHz to 18GHz

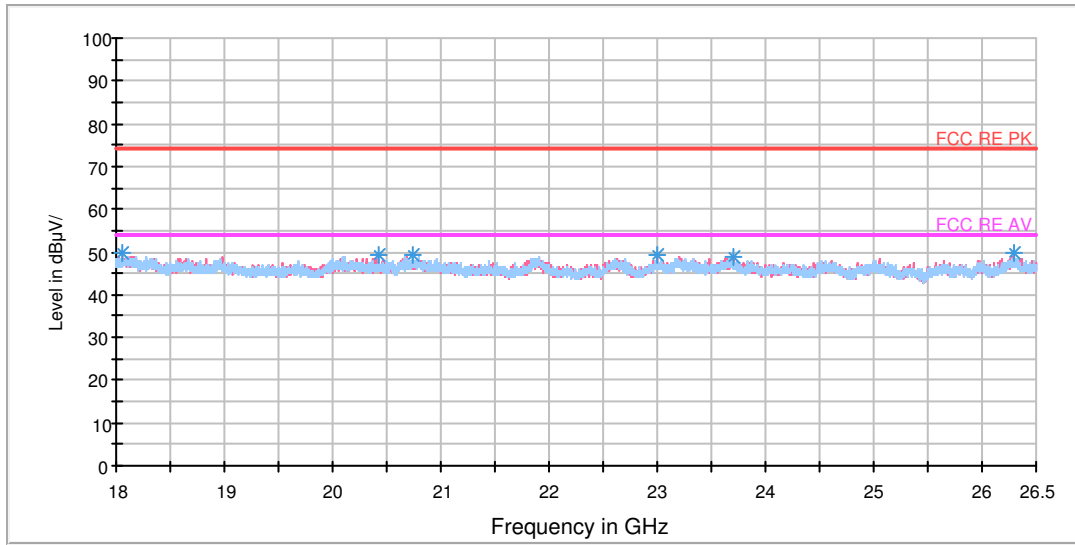
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7013.750000	48.4	101.0	H	279.0	56.7	8.3	25.6	74
9233.000000	49.1	101.0	V	97.0	57.8	8.7	24.9	74
10643.750000	60.2	101.0	V	16.0	70.6	10.4	13.8	74
12673.250000	54.5	101.0	H	139.0	68.9	14.4	19.5	74
15258.250000	56.5	101.0	V	108.0	75.0	18.5	17.5	74
15970.500000	66.6	101.0	V	350.0	86.4	19.8	7.4	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)
7000.000000	38.3	102.0	V	180.0	46.8	8.5	15.7	54
9587.750000	38.0	102.0	V	180.0	47.9	9.9	16.0	54
10641.000000	45.7	102.0	V	0.0	56.1	10.4	8.3	54
13138.000000	43.3	102.0	V	180.0	58.7	15.4	10.7	54
15335.250000	45.2	102.0	V	180.0	63.7	18.5	8.8	54
17705.750000	51.9	102.0	V	180.0	76.7	24.8	2.1	54

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

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

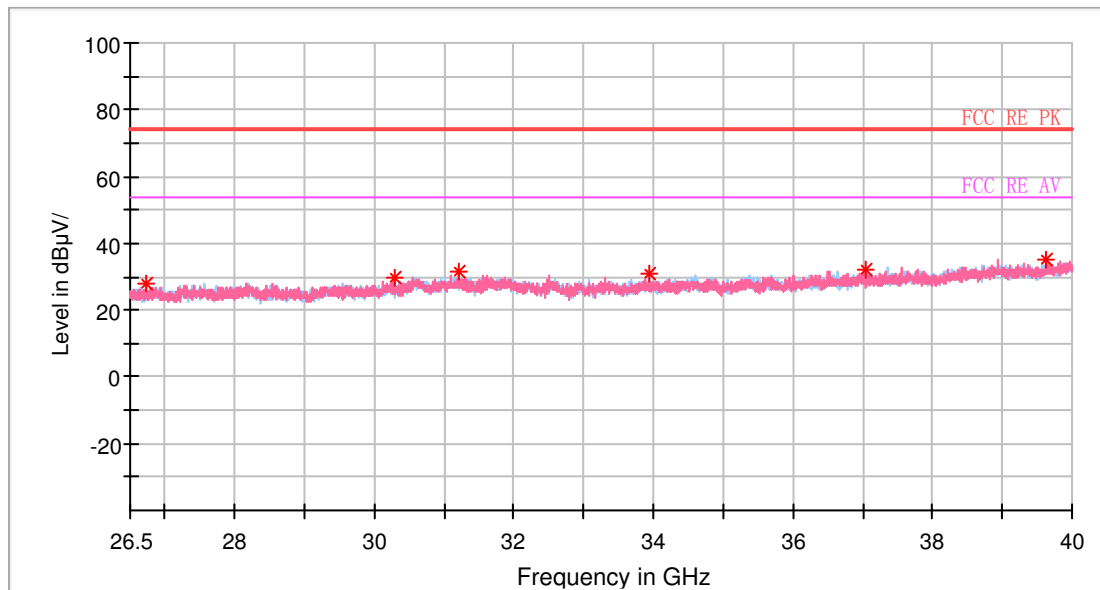
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18057.375000	49.7	V	333.0	51.7	-2.0	24.3	74
20428.875000	49.4	V	112.0	55.5	-6.1	24.6	74
20741.250000	49.3	H	96.0	56.1	-6.8	24.7	74
22995.875000	49.1	V	0.0	55.3	-6.2	24.9	74
23697.125000	49.0	V	223.0	54.9	-5.9	25.0	74
26294.937500	49.6	H	32.0	55.0	-5.4	24.4	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)
18089.250000	37.2	V	0.0	39.4	-2.2	16.8	54
20091.000000	36.4	V	89.0	42.2	-5.8	17.6	54
20785.875000	36.5	V	223.0	43.4	-6.9	17.5	54
21898.312500	36.9	H	0.0	44.9	-8.0	17.1	54
23700.312500	36.8	H	10.0	42.7	-5.9	17.2	54
26263.062500	36.8	V	0.0	42.2	-5.4	17.2	54

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

Full Spectrum



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)
26739.625000	28.1	H	0.0	45.5	-17.4	45.9	74
30293.500000	29.6	V	0.0	46.5	-16.9	44.4	74
31204.750000	31.3	V	0.0	47.3	-16.0	42.7	74
33928.375000	30.8	H	0.0	47.6	-16.8	43.2	74
37043.500000	32.3	V	0.0	48.9	-16.6	41.7	74
39635.500000	35.1	V	0.0	50.9	-15.8	38.9	74

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

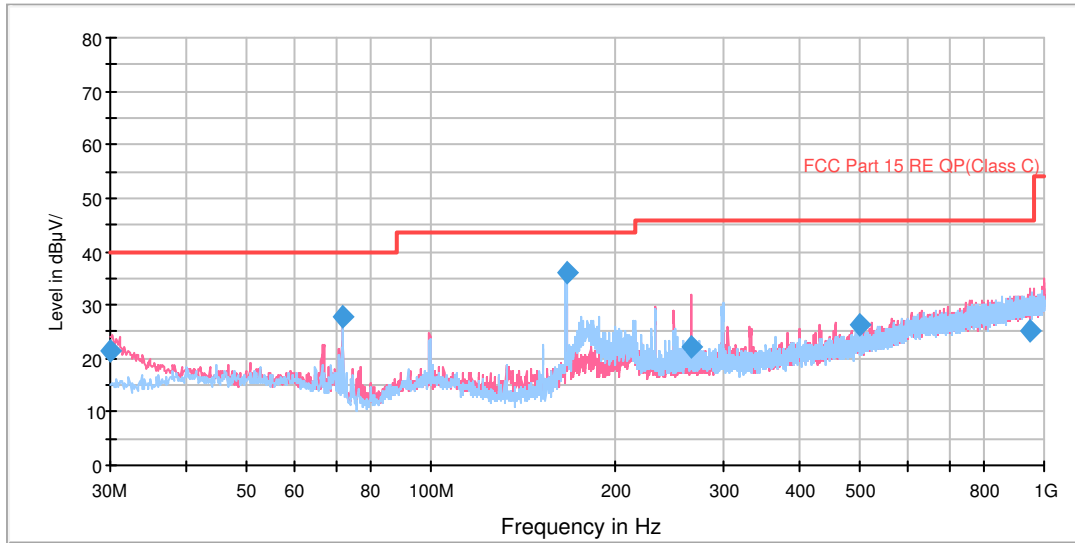
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28244.875000	17.9	H	0.0	34.5	-16.6	36.1	54
30246.250000	18.7	H	0.0	35.7	-17.0	35.3	54
31930.375000	20.6	V	0.0	36.2	-15.6	33.4	54
34488.625000	19.9	H	0.0	36.4	-16.5	34.1	54
37033.375000	21.7	V	0.0	38.3	-16.6	32.3	54
39959.500000	24.8	V	0.0	40.7	-15.9	29.2	54

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



802.11ac (HT20) CH100

FCC RE 0.03-1GHz QP Class C



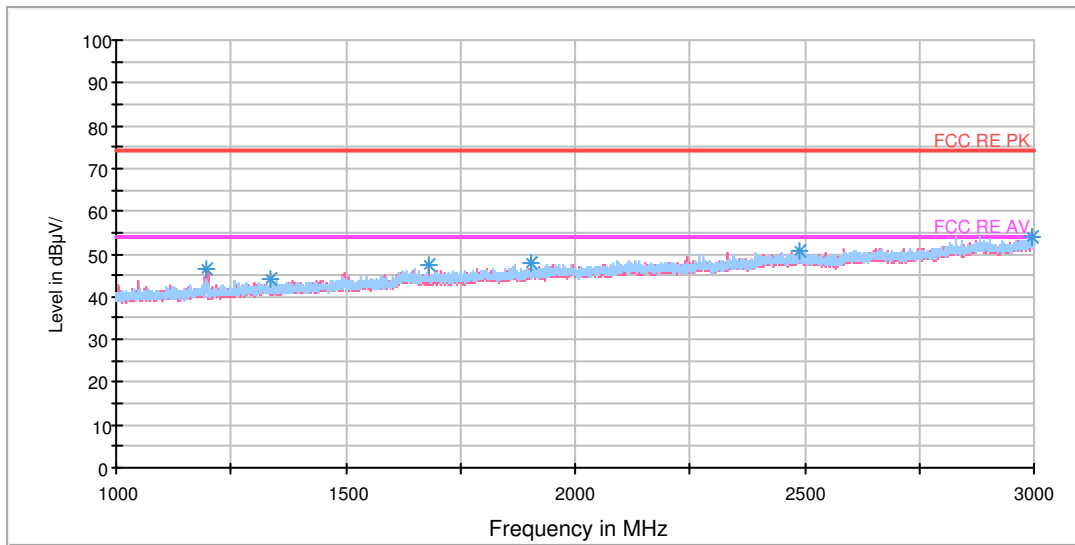
Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
30.040000	21.3	100.0	V	270.0	33.2	11.9	18.7	40.0
71.992500	27.7	100.0	V	239.0	36.3	8.6	12.3	40.0
166.281250	36.1	125.0	H	73.0	46.1	10.0	7.4	43.5
265.587500	22.3	125.0	V	352.0	36.8	14.5	23.7	46.0
498.873750	26.5	114.0	V	249.0	46.4	19.9	19.5	46.0
949.442500	25.2	100.0	V	25.0	51.2	26.0	20.8	46.0

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



RE 1G-3GHz PK+AV



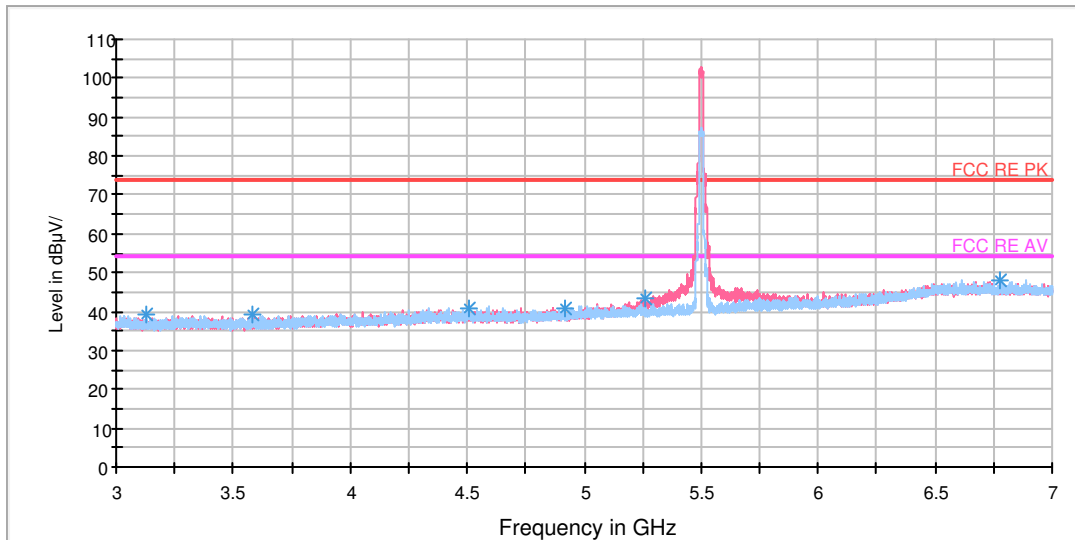
Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1196.000000	46.4	102.0	V	138.0	54.6	-8.2	27.6	74
1338.000000	44.0	102.0	H	0.0	51.4	-7.4	30.0	74
1681.000000	47.4	102.0	V	328.0	52.5	-5.1	26.6	74
1904.750000	47.8	102.0	H	63.0	51.7	-3.9	26.2	74
2488.000000	50.6	102.0	H	0.0	50.8	0.2	23.4	74
2994.000000	54.1	102.0	H	30.0	56.4	2.3	19.9	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1197.500000	33.5	102.0	V	121.0	41.7	-8.2	20.5	54
1304.500000	32.7	102.0	V	53.0	40.5	-7.8	21.3	54
1647.000000	34.8	102.0	V	53.0	39.8	-5.0	19.2	54
1959.500000	36.3	102.0	H	0.0	39.5	-3.2	17.7	54
2490.000000	39.0	102.0	H	79.0	39.3	0.3	15.0	54
2994.750000	45.2	102.0	H	46.0	47.5	2.3	8.8	54

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



Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 7GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3126.500000	39.1	100.0	H	12.0	39.5	0.4	34.9	74
3586.000000	39.4	100.0	V	167.0	40.3	0.9	34.6	74
4506.000000	40.8	100.0	H	20.0	43.4	2.6	33.2	74
4919.500000	40.7	100.0	V	38.0	43.4	2.7	33.3	74
5257.500000	43.1	100.0	V	125.0	46.6	3.5	30.9	74
6777.500000	47.9	100.0	V	125.0	56.4	8.5	26.1	74

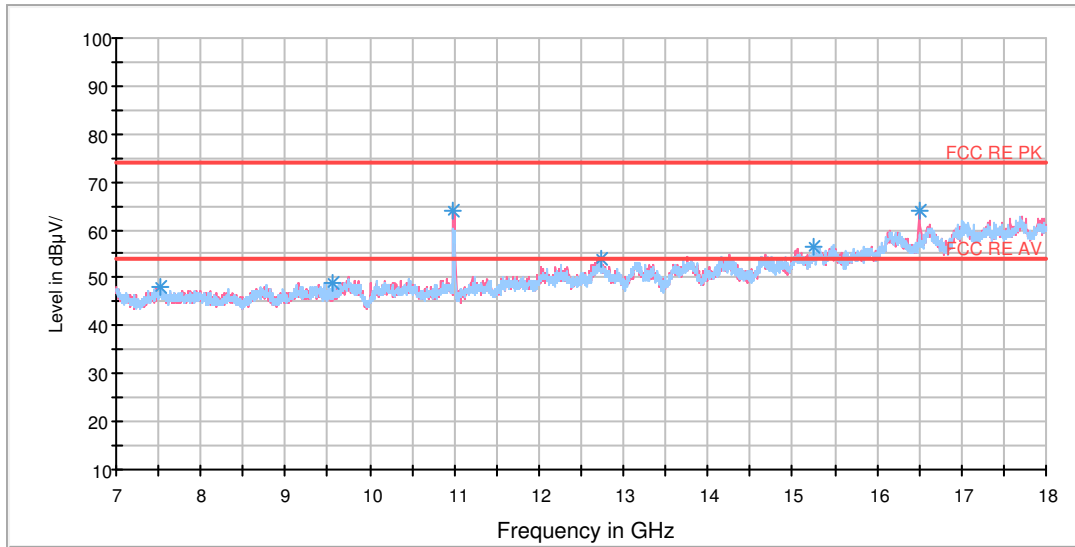
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3046.500000	27.2	100.0	V	178.0	28.1	0.9	26.8	54
3960.500000	28.2	100.0	H	0.0	30.4	2.2	25.8	54
4392.000000	28.9	100.0	V	175.0	31.4	2.5	25.1	54
5256.000000	31.5	100.0	V	180.0	35.0	3.5	22.5	54
5734.500000	33.8	100.0	V	178.0	38.4	4.6	20.2	54
6780.000000	36.0	100.0	V	111.0	44.7	8.7	18.0	54

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



RE 7-18GHz PK



Radiates Emission from 7GHz to 18GHz

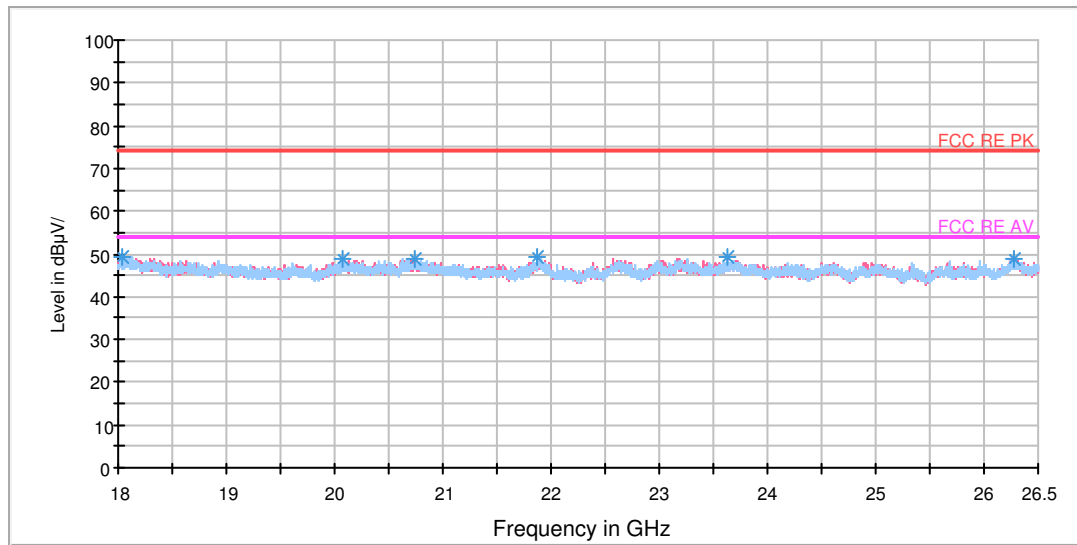
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7530.750000	48.2	101.0	H	0.0	55.4	7.2	25.8	74
9557.500000	49.1	101.0	H	30.0	58.8	9.7	24.9	74
10990.250000	63.9	101.0	V	349.0	73.6	9.7	10.1	74
12739.250000	53.9	101.0	V	71.0	68.4	14.5	20.1	74
15261.000000	56.5	101.0	H	52.0	75.0	18.5	17.5	74
16495.750000	64.0	101.0	V	0.0	85.3	21.3	10.0	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)
7000.000000	38.3	102.0	V	180.0	46.8	8.5	15.7	54
9587.750000	38.1	102.0	V	180.0	48.0	9.9	15.9	54
11001.250000	53.4	102.0	V	180.0	63.1	9.7	0.6	54
13138.000000	43.3	102.0	V	180.0	58.7	15.4	10.7	54
15338.000000	45.3	102.0	V	0.0	63.9	18.6	8.7	54
17708.500000	51.9	102.0	V	180.0	76.7	24.8	2.1	54

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

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

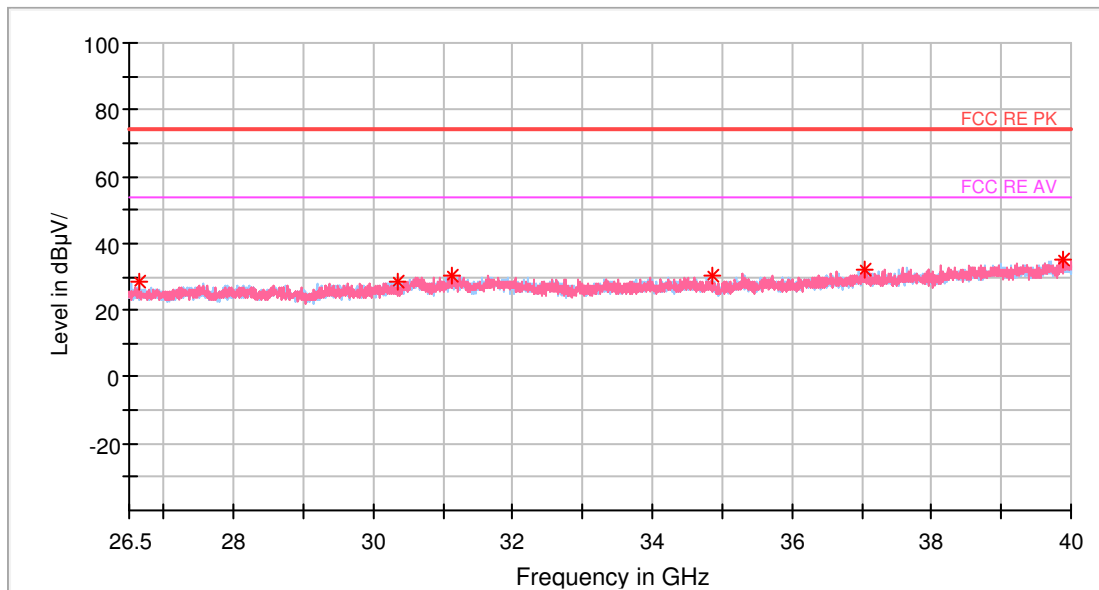
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18034.000000	49.4	H	5.0	51.3	-1.9	24.6	74
20078.250000	49.0	H	0.0	54.7	-5.7	25.0	74
20734.875000	48.9	V	43.0	55.7	-6.8	25.1	74
21878.125000	49.2	H	49.0	57.2	-8.0	24.8	74
23631.250000	49.2	V	356.0	55.1	-5.9	24.8	74
26281.125000	49.0	H	70.0	54.4	-5.4	25.0	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)
18061.625000	37.3	V	204.0	39.4	-2.1	16.7	54
20091.000000	36.3	H	5.0	42.1	-5.8	17.7	54
20791.187500	36.5	V	356.0	43.4	-6.9	17.5	54
21894.062500	36.9	H	0.0	44.9	-8.0	17.1	54
23693.937500	36.6	H	0.0	42.5	-5.9	17.4	54
26292.812500	37.0	V	0.0	42.4	-5.4	17.0	54

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

Full Spectrum



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)
26635.000000	28.3	H	0.0	45.6	-17.3	45.7	74
30340.750000	28.3	V	0.0	45.1	-16.8	45.7	74
31133.875000	30.2	H	0.0	46.1	-15.9	43.8	74
34846.375000	30.2	H	0.0	47.0	-16.8	43.8	74
37033.375000	32.1	V	0.0	48.7	-16.6	41.9	74
39888.625000	35.2	H	0.0	51.1	-15.9	38.8	74

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

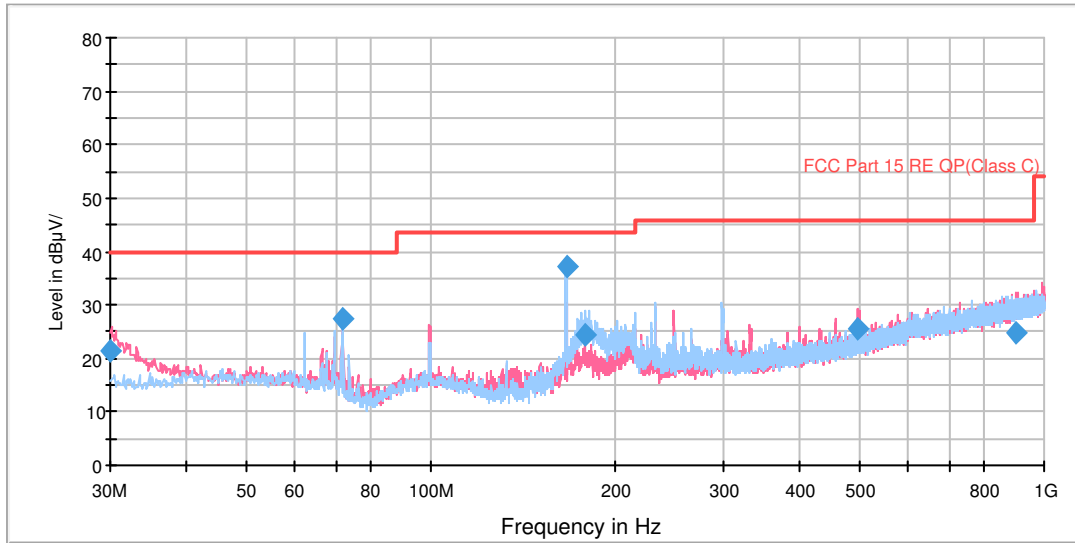
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27573.250000	17.8	H	0.0	34.9	-17.1	36.2	54
30232.750000	18.6	H	0.0	35.6	-17.0	35.4	54
31748.125000	20.4	H	0.0	35.8	-15.4	33.6	54
34465.000000	20.0	V	0.0	36.5	-16.5	34.0	54
37016.500000	21.6	H	0.0	38.2	-16.6	32.4	54
39902.125000	25.0	V	0.0	40.9	-15.9	29.0	54

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



802.11ac (HT20) CH116

FCC RE 0.03-1GHz QP Class C

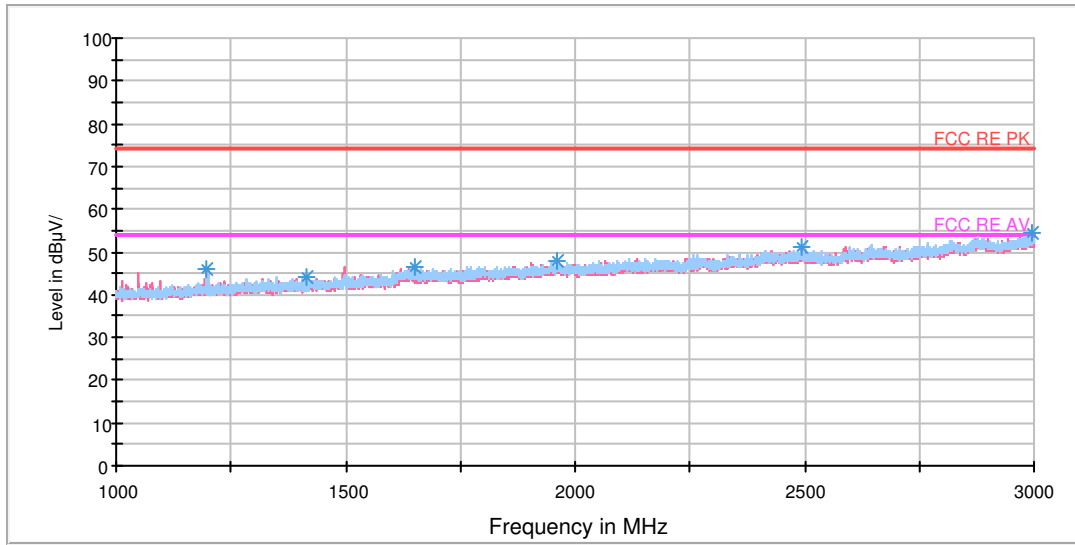


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
30.040000	21.3	100.0	V	294.0	33.2	11.9	18.7	40.0
71.992500	27.6	100.0	V	233.0	36.2	8.6	12.4	40.0
166.281250	37.1	125.0	H	71.0	47.1	10.0	6.4	43.5
178.696250	24.4	125.0	H	89.0	35.2	10.8	19.1	43.5
497.903750	25.4	100.0	V	306.0	45.3	19.9	20.6	46.0
900.408750	24.7	100.0	V	321.0	50.3	25.6	21.3	46.0

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

RE 1G-3GHz PK+AV



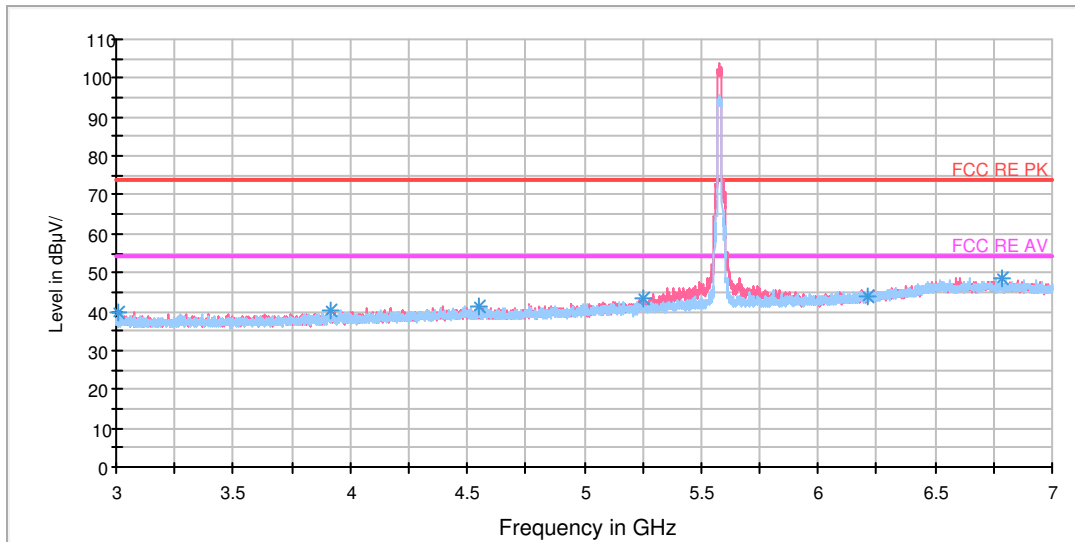
Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1195.250000	46.1	102.0	V	136.0	54.3	-8.2	27.9	74
1415.750000	44.1	102.0	V	325.0	51.1	-7.0	29.9	74
1648.500000	46.5	102.0	V	120.0	51.5	-5.0	27.5	74
1961.500000	47.9	102.0	H	3.0	51.1	-3.2	26.1	74
2492.000000	51.0	102.0	V	136.0	51.3	0.3	23.0	74
2994.500000	54.6	102.0	H	327.0	56.9	2.3	19.4	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1199.500000	32.6	102.0	H	327.0	40.8	-8.2	21.4	54
1316.750000	32.8	102.0	H	0.0	40.2	-7.4	21.2	54
1647.000000	35.4	102.0	V	120.0	40.4	-5.0	18.6	54
2043.250000	36.2	102.0	H	0.0	39.4	-3.2	17.8	54
2492.250000	39.1	102.0	H	161.0	39.4	0.3	14.9	54
2994.750000	45.6	102.0	H	327.0	47.9	2.3	8.4	54

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



Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 7GHz

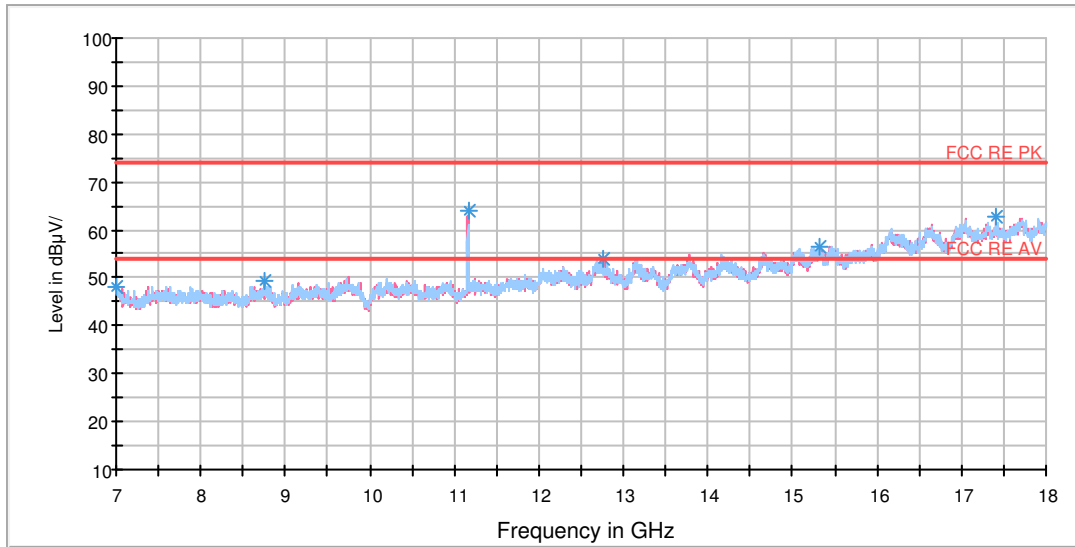
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3010.500000	39.6	100.0	H	0.0	40.1	0.5	34.4	74
3914.500000	40.3	100.0	V	306.0	41.8	1.5	33.7	74
4547.000000	41.2	100.0	V	69.0	43.6	2.4	32.8	74
5251.000000	43.5	100.0	H	0.0	47.1	3.6	30.5	74
6209.000000	44.1	100.0	V	353.0	49.9	5.8	29.9	74
6786.000000	48.7	100.0	H	3.0	57.0	8.3	25.3	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)
3438.500000	27.6	100.0	V	348.0	28.3	0.7	26.4	54
3959.000000	28.7	100.0	H	0.0	30.9	2.2	25.3	54
4441.000000	29.2	100.0	V	199.0	31.8	2.6	24.8	54
5259.500000	31.5	100.0	V	227.0	35.0	3.5	22.5	54
6185.500000	33.0	100.0	V	358.0	38.8	5.8	21.0	54
6705.000000	36.5	100.0	V	199.0	44.9	8.4	17.5	54

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

RE 7-18GHz PK



Radiates Emission from 7GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7000.000000	48.2	101.0	V	232.0	56.7	8.5	25.8	74
8751.750000	49.4	101.0	V	17.0	58.1	8.7	24.6	74
11171.750000	64.1	101.0	V	350.0	74.9	10.8	9.9	74
12758.500000	53.9	101.0	V	82.0	68.5	14.6	20.1	74
15316.000000	56.4	101.0	V	39.0	74.6	18.2	17.6	74
17400.500000	62.7	101.0	V	349.0	88.3	25.6	11.3	74

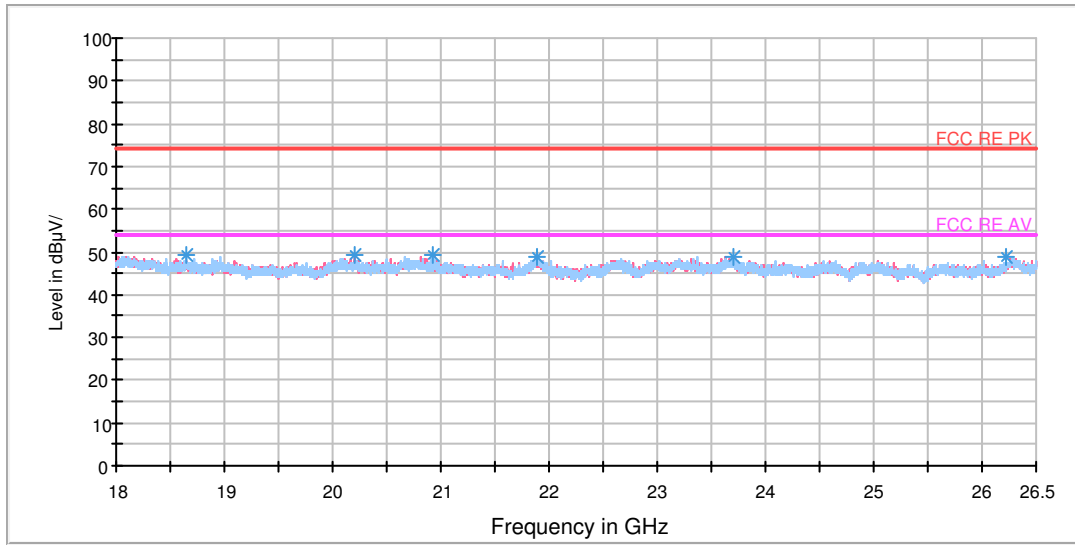
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7000.000000	38.4	102.0	V	180.0	46.9	8.5	15.6	54
9587.750000	38.1	102.0	V	180.0	48.0	9.9	15.9	54
11160.750000	53.6	102.0	V	180.0	64.6	11.0	0.4	54
13138.000000	43.2	102.0	V	180.0	58.6	15.4	10.8	54
15332.500000	45.2	102.0	V	180.0	63.7	18.5	8.8	54
17703.000000	51.9	102.0	V	180.0	76.7	24.8	2.1	54

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



RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18651.312500	49.1	H	91.0	53.4	-4.3	24.9	74
20203.625000	49.1	V	0.0	55.0	-5.9	24.9	74
20922.937500	49.3	H	0.0	56.5	-7.2	24.7	74
21885.562500	48.9	V	330.0	56.9	-8.0	25.1	74
23705.625000	48.9	V	0.0	54.8	-5.9	25.1	74
26226.937500	48.7	H	0.0	54.1	-5.4	25.3	74

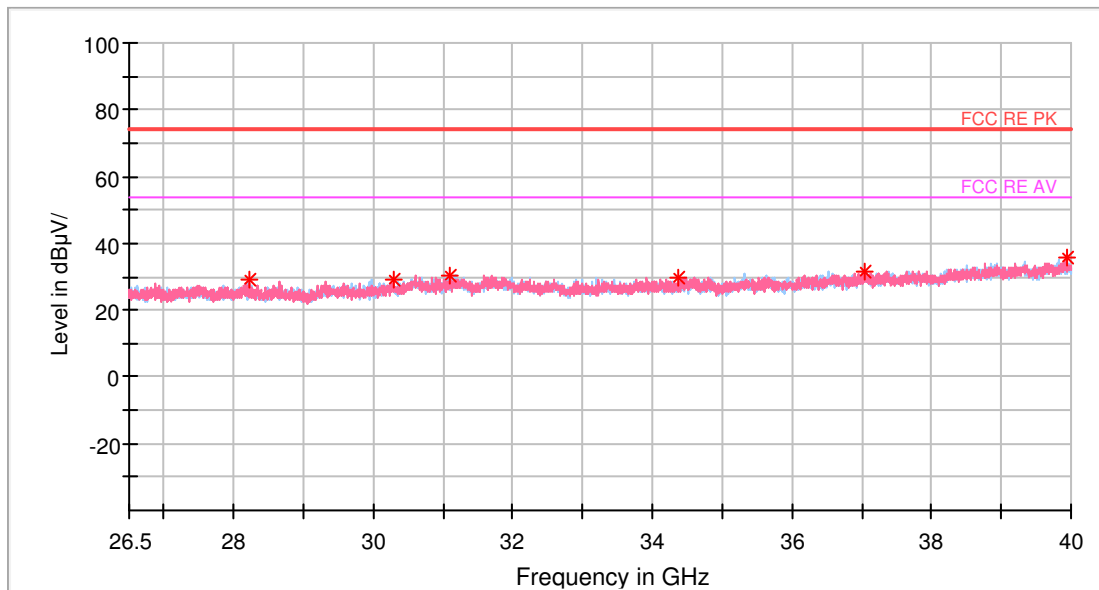
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18060.562500	37.3	V	134.0	39.4	-2.1	16.7	54
20169.625000	36.4	V	265.0	42.2	-5.8	17.6	54
20745.500000	36.7	H	135.0	43.5	-6.8	17.3	54
21903.625000	37.0	H	4.0	45.0	-8.0	17.0	54
23702.437500	36.8	H	318.0	42.7	-5.9	17.2	54
26291.750000	36.8	V	156.0	42.2	-5.4	17.2	54

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



Full Spectrum



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)
28211.125000	28.9	H	0.0	45.4	-16.5	45.1	74
30286.750000	29.2	V	0.0	46.1	-16.9	44.8	74
31106.875000	30.6	V	0.0	46.4	-15.8	43.4	74
34367.125000	29.9	H	0.0	46.3	-16.4	44.1	74
37040.125000	31.6	H	0.0	48.2	-16.6	42.4	74
39942.625000	35.7	V	0.0	51.6	-15.9	38.3	74

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

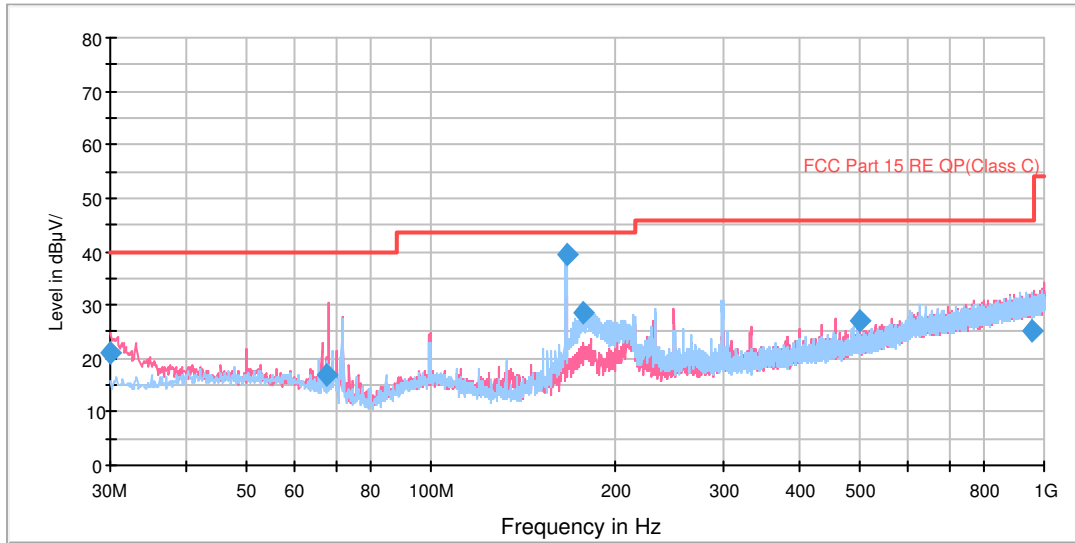
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28190.875000	17.8	H	0.0	34.3	-16.5	36.2	54
30361.000000	18.6	V	0.0	35.3	-16.7	35.4	54
30590.500000	20.5	V	0.0	36.9	-16.4	33.5	54
34603.375000	20.4	V	0.0	37.1	-16.7	33.6	54
37340.500000	21.6	H	0.0	38.1	-16.5	32.4	54
39875.125000	25.1	V	0.0	41.0	-15.9	28.9	54

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



802.11ac (HT20) CH132

FCC RE 0.03-1GHz QP Class C



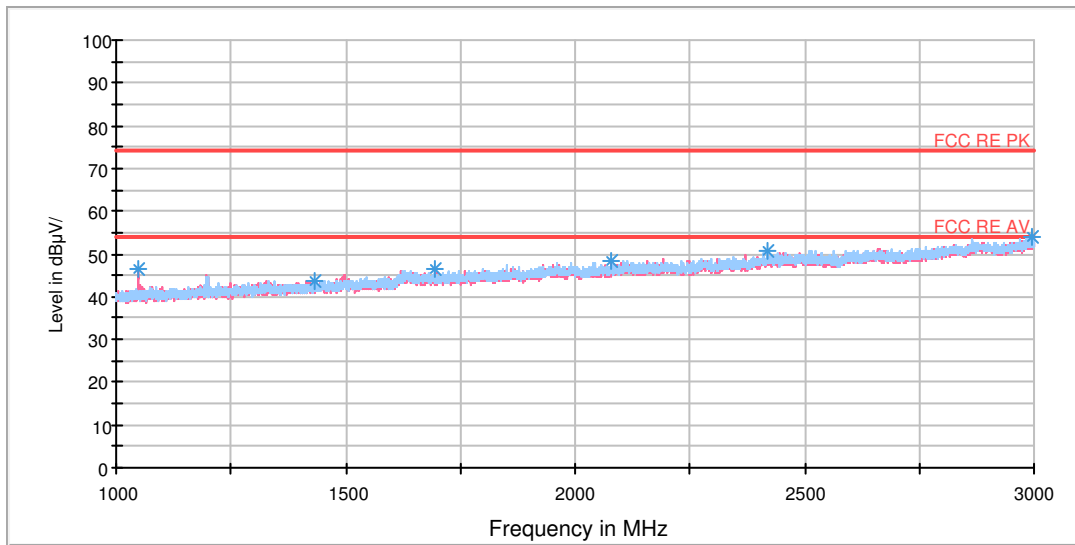
Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
30.040000	21.0	100.0	V	119.0	32.9	11.9	19.0	40.0
67.593750	17.1	100.0	V	284.0	26.6	9.5	22.9	40.0
166.285000	39.3	125.0	H	68.0	49.3	10.0	4.2	43.5
177.076250	28.7	125.0	H	71.0	39.4	10.7	14.8	43.5
498.873750	27.0	100.0	V	329.0	46.9	19.9	19.0	46.0
956.067500	25.3	125.0	H	345.0	51.4	26.1	20.7	46.0

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



RE 1G-3GHz PK+AV



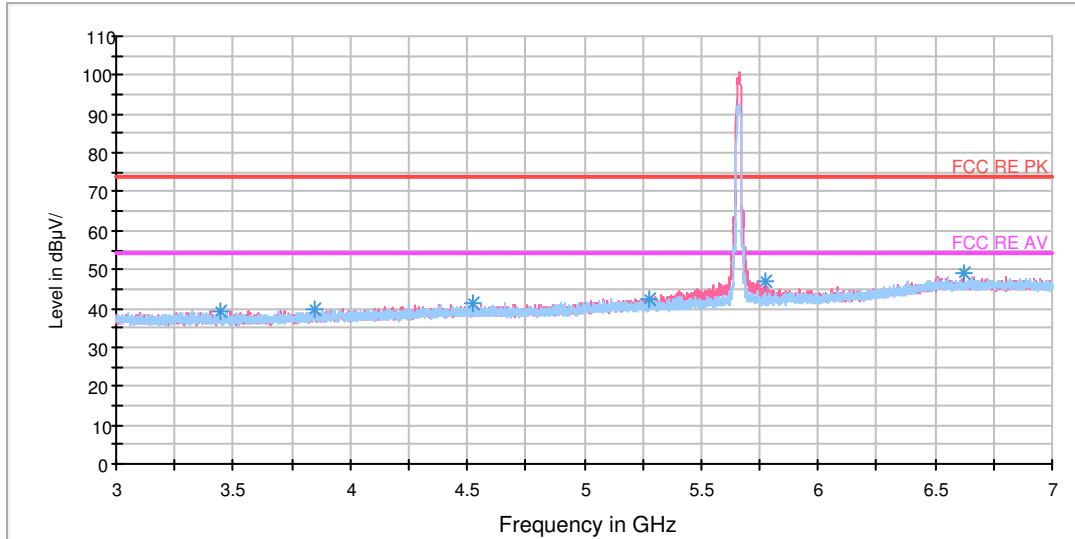
Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1047.750000	46.7	102.0	V	154.0	55.7	-9.0	27.3	74
1433.500000	43.8	102.0	H	112.0	50.7	-6.9	30.2	74
1695.500000	46.4	102.0	H	0.0	51.4	-5.0	27.6	74
2078.000000	48.3	102.0	V	122.0	51.3	-3.0	25.7	74
2419.250000	50.7	102.0	H	192.0	51.3	-0.6	23.3	74
2994.750000	53.9	102.0	V	249.0	56.2	2.3	20.1	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1176.000000	32.3	102.0	V	138.0	40.3	-8.0	21.7	54
1308.250000	32.5	102.0	V	54.0	40.2	-7.7	21.5	54
1647.000000	35.1	102.0	V	122.0	40.1	-5.0	18.9	54
1964.750000	36.4	102.0	V	54.0	39.7	-3.3	17.6	54
2488.750000	39.2	102.0	H	226.0	39.4	0.2	14.8	54
2995.000000	45.3	102.0	H	328.0	47.6	2.3	8.7	54

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



Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 7GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3445.500000	39.4	100.0	V	218.0	40.1	0.7	34.6	74
3850.000000	39.8	100.0	V	192.0	41.5	1.7	34.2	74
4528.500000	41.4	100.0	V	310.0	43.7	2.3	32.6	74
5276.000000	42.4	100.0	V	97.0	45.6	3.2	31.6	74
5773.500000	47.1	100.0	V	218.0	52.0	4.9	26.9	74
6621.000000	49.1	100.0	V	0.0	57.5	8.4	24.9	74

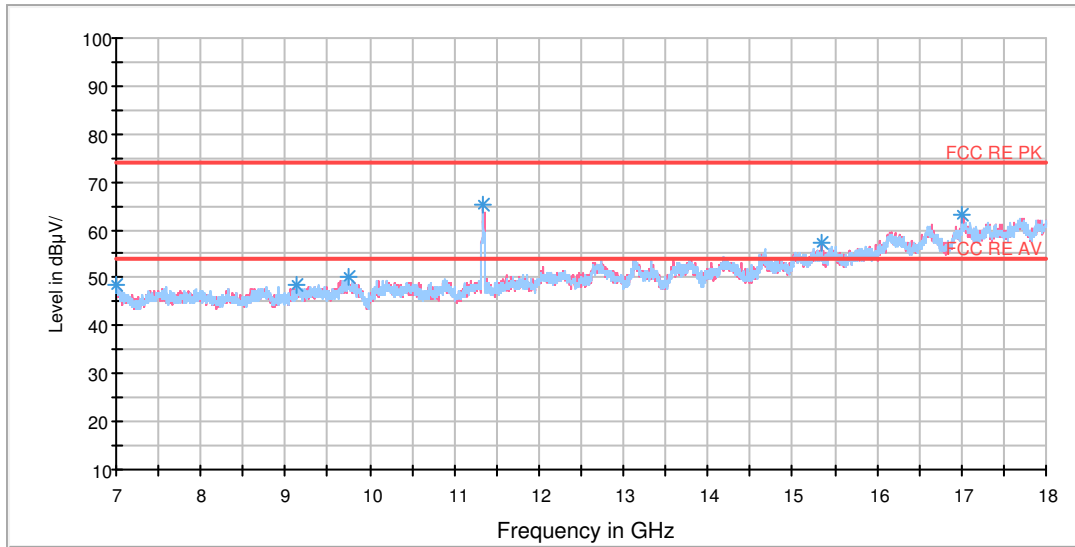
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3357.500000	27.1	100.0	V	0.0	28.0	0.9	26.9	54
3958.000000	28.5	100.0	H	11.0	30.5	2.0	25.5	54
4500.000000	29.2	100.0	V	0.0	32.1	2.9	24.8	54
5233.500000	31.0	100.0	V	218.0	34.6	3.6	23.0	54
5740.500000	36.2	100.0	V	232.0	41.1	4.9	17.8	54
6531.500000	36.1	100.0	H	52.0	44.6	8.5	17.9	54

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



RE 7-18GHz PK



Radiates Emission from 7GHz to 18GHz

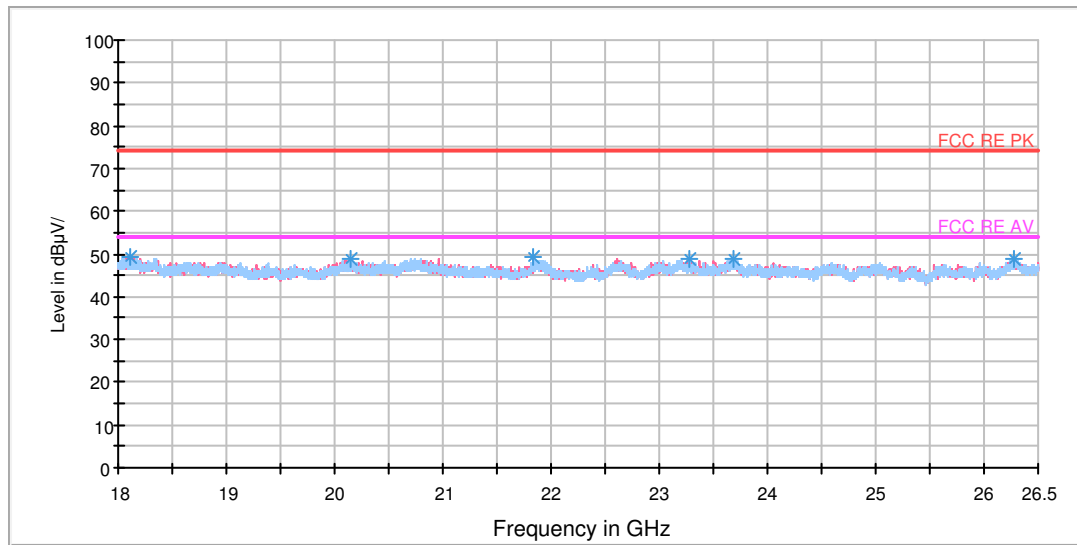
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7008.250000	48.3	101.0	V	350.0	56.7	8.4	25.7	74
9139.500000	48.5	101.0	H	138.0	57.5	9.0	25.5	74
9744.500000	50.3	101.0	H	117.0	60.8	10.5	23.7	74
11339.500000	65.3	101.0	V	4.0	76.2	10.9	8.7	74
15340.750000	57.1	101.0	V	43.0	75.7	18.6	16.9	74
17001.750000	63.4	101.0	V	350.0	88.0	24.6	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)
7000.000000	38.3	102.0	V	0.0	46.8	8.5	15.7	54
9587.750000	38.1	102.0	V	180.0	48.0	9.9	15.9	54
9739.000000	39.0	102.0	V	0.0	49.7	10.7	15.0	54
11323.000000	53.6	102.0	V	180.0	64.6	11.0	0.4	54
15335.250000	45.3	102.0	V	0.0	63.8	18.5	8.7	54
17705.750000	51.9	102.0	V	180.0	76.7	24.8	2.1	54

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

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

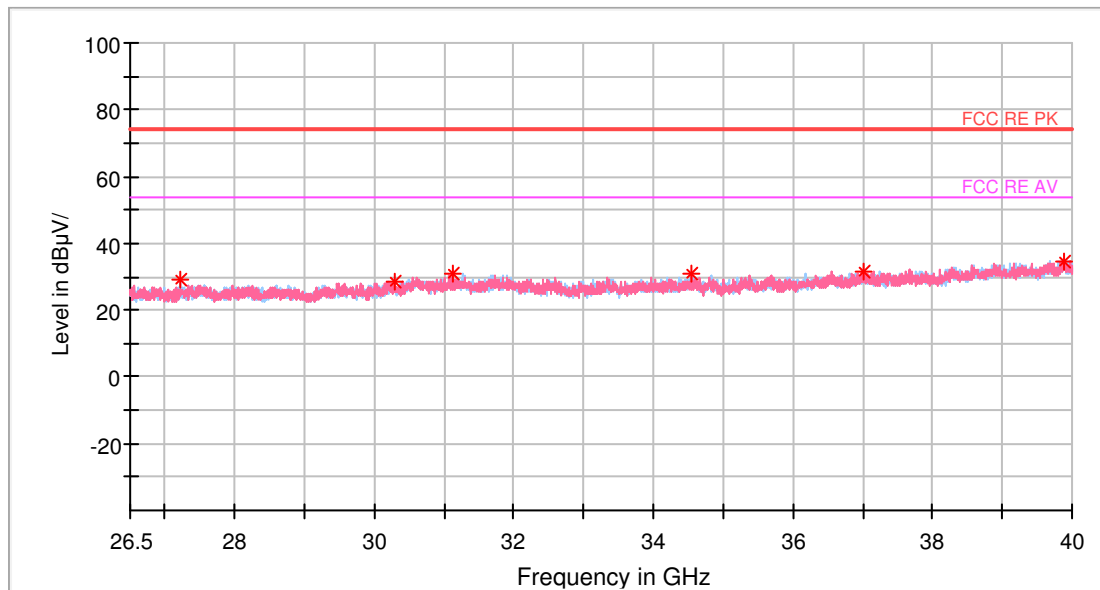
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18117.937500	49.4	V	0.0	51.7	-2.3	24.6	74
20154.750000	48.9	H	29.0	54.7	-5.8	25.1	74
21834.562500	49.4	V	177.0	57.4	-8.0	24.6	74
23270.000000	49.0	H	29.0	55.0	-6.0	25.0	74
23681.187500	48.9	H	0.0	54.8	-5.9	25.1	74
26280.062500	48.7	V	0.0	54.1	-5.4	25.3	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)
18078.625000	37.2	V	0.0	39.3	-2.1	16.8	54
20088.875000	36.5	H	138.0	42.2	-5.7	17.5	54
20783.750000	36.5	H	7.0	43.4	-6.9	17.5	54
23209.437500	36.9	H	0.0	42.9	-6.0	17.1	54
23689.687500	36.7	H	7.0	42.6	-5.9	17.3	54
26299.187500	37.0	H	7.0	42.4	-5.4	17.0	54

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

Full Spectrum



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)
27208.750000	28.9	H	0.0	46.1	-17.2	45.1	74
30286.750000	28.4	V	0.0	45.3	-16.9	45.6	74
31127.125000	30.9	V	0.0	46.8	-15.9	43.1	74
34556.125000	31.1	V	0.0	47.7	-16.6	42.9	74
37026.625000	31.6	V	0.0	48.2	-16.6	42.4	74
39871.750000	34.7	V	0.0	50.6	-15.9	39.3	74

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

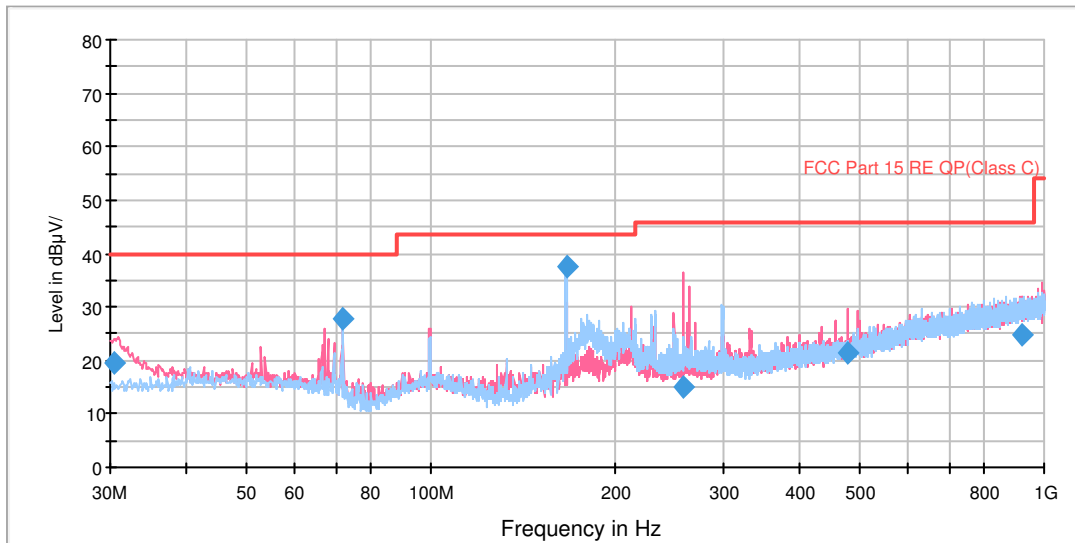
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27542.875000	18.0	V	0.0	35.1	-17.1	36.0	54
30313.750000	19.0	V	0.0	35.8	-16.8	35.0	54
31140.625000	20.3	V	0.0	36.2	-15.9	33.7	54
34562.875000	20.0	H	0.0	36.6	-16.6	34.0	54
36989.500000	21.8	H	0.0	38.4	-16.6	32.2	54
39939.250000	25.1	H	0.0	41.0	-15.9	28.9	54

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



802.11ac (HT20) CH144

FCC RE 0.03-1GHz QP Class C

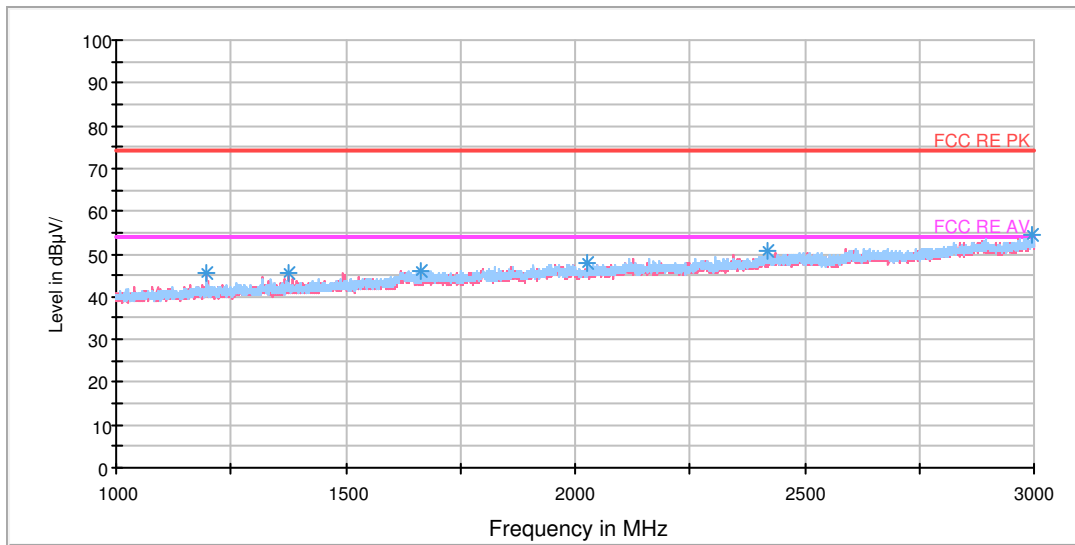


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
30.450000	19.7	100.0	V	99.0	31.6	11.9	20.3	40.0
71.992500	27.6	100.0	V	240.0	36.2	8.6	12.4	40.0
166.281250	37.7	125.0	H	71.0	47.7	10.0	5.8	43.5
259.035000	15.2	125.0	V	10.0	29.5	14.3	30.8	46.0
478.377500	21.5	100.0	V	0.0	41.0	19.5	24.5	46.0
919.333750	24.7	100.0	V	65.0	50.5	25.8	21.3	46.0

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

RE 1G-3GHz PK+AV



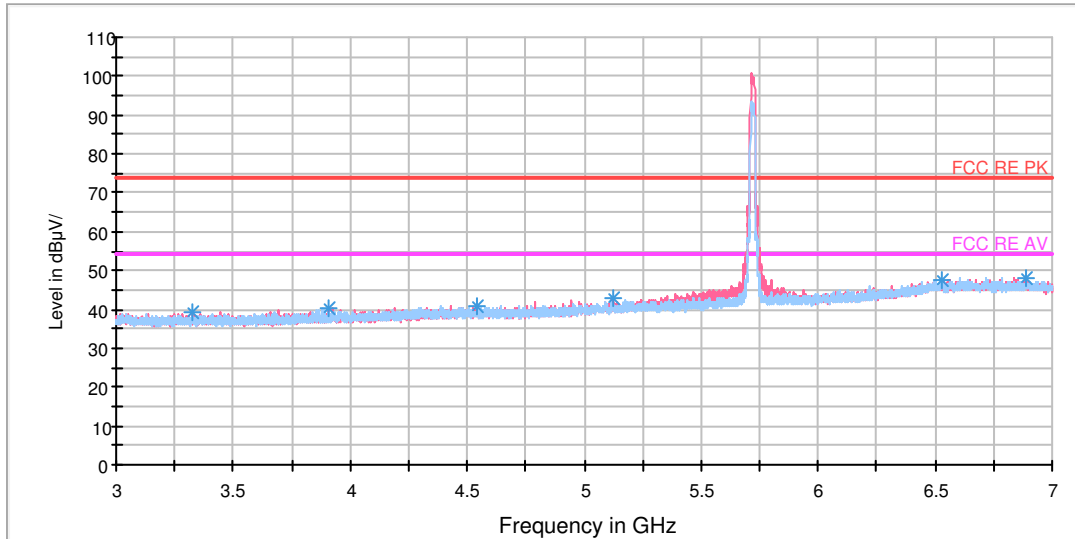
Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1196.250000	45.4	102.0	V	297.0	53.6	-8.2	28.6	74
1376.500000	45.4	102.0	V	250.0	52.5	-7.1	28.6	74
1664.250000	46.2	102.0	H	0.0	51.4	-5.2	27.8	74
2027.750000	47.7	102.0	H	175.0	51.1	-3.4	26.3	74
2420.000000	50.6	102.0	H	209.0	51.2	-0.6	23.4	74
2997.750000	54.5	102.0	H	2.0	56.8	2.3	19.5	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1198.250000	32.4	102.0	V	297.0	40.6	-8.2	21.6	54
1295.000000	32.4	102.0	V	14.0	40.2	-7.8	21.6	54
1646.750000	36.0	102.0	V	266.0	41.0	-5.0	18.0	54
1993.000000	36.2	102.0	H	112.0	39.5	-3.3	17.8	54
2492.500000	39.0	102.0	H	309.0	39.2	0.2	15.0	54
2994.750000	45.3	102.0	H	327.0	47.6	2.3	8.7	54

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



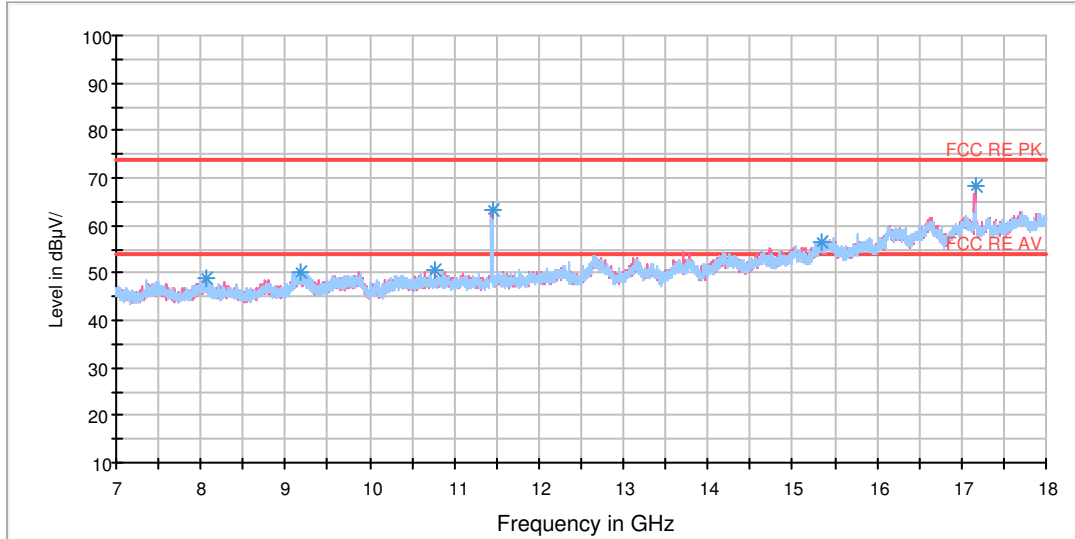
Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 7GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3329.000000	39.2	100.0	V	349.0	40.1	0.9	34.8	74
3906.500000	40.5	100.0	V	358.0	42.0	1.5	33.5	74
4543.000000	41.0	100.0	V	70.0	43.4	2.4	33.0	74
5122.500000	42.7	100.0	V	343.0	46.4	3.7	31.3	74
6532.500000	47.5	100.0	H	184.0	55.9	8.4	26.5	74
6890.000000	48.0	100.0	H	18.0	56.5	8.5	26.0	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3038.000000	27.2	100.0	H	1.0	28.0	0.8	26.8	54
3963.000000	28.3	100.0	V	356.0	30.3	2.0	25.7	54
4499.500000	29.1	100.0	V	260.0	32.0	2.9	24.9	54
5245.000000	31.0	100.0	V	247.0	34.6	3.6	23.0	54
5879.500000	33.7	100.0	V	208.0	38.9	5.2	20.3	54
6608.000000	36.1	100.0	V	0.0	44.6	8.5	17.9	54

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



Radiates Emission from 7GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
8073.875000	48.8	102.0	V	119.0	56.4	7.6	25.2	74
9190.375000	50.3	102.0	H	65.0	60.4	10.1	23.7	74
10766.125000	50.4	102.0	V	158.0	60.9	10.5	23.6	74
11446.750000	63.1	102.0	V	119.0	73.3	10.2	10.9	74
15351.750000	56.5	102.0	H	241.0	75.2	18.7	17.5	74
17176.375000	68.1	102.0	V	275.0	91.5	23.4	5.9	74

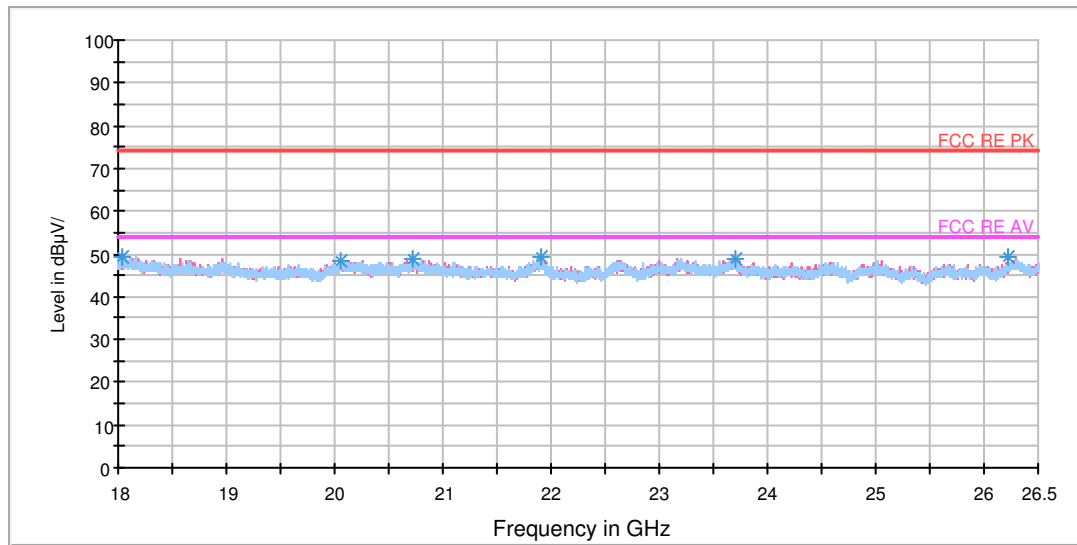
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7999.625000	37.1	102.0	V	255.0	44.4	7.3	16.9	54
9235.750000	38.8	102.0	V	119.0	48.7	9.9	15.2	54
9893.000000	38.6	102.0	V	334.0	48.9	10.3	15.4	54
11441.250000	51.2	102.0	V	197.0	61.3	10.1	2.8	54
15339.375000	45.4	102.0	V	0.0	64.2	18.8	8.6	54
17166.750000	53.9	102.0	V	275.0	77.1	23.2	0.1	54

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



RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

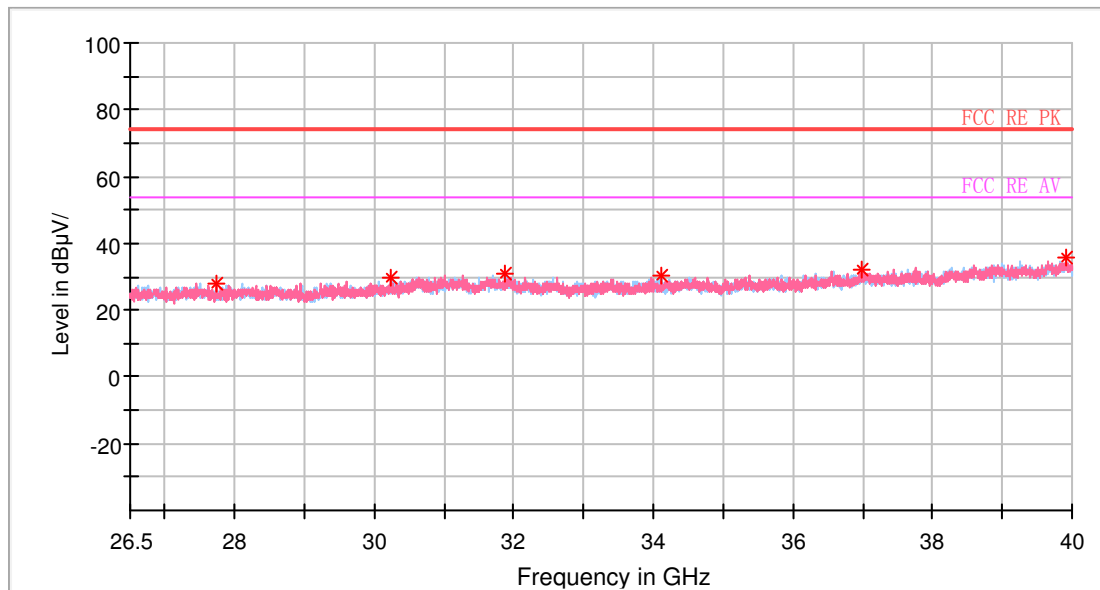
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18028.687500	49.3	H	31.0	51.2	-1.9	24.7	74
20059.125000	48.5	H	162.0	54.2	-5.7	25.5	74
20718.937500	49.0	V	331.0	55.7	-6.7	25.0	74
21901.500000	49.2	V	287.0	57.2	-8.0	24.8	74
23704.562500	48.9	H	162.0	54.8	-5.9	25.1	74
26226.937500	49.1	V	90.0	54.5	-5.4	24.9	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	37.1	H	0.0	39.1	-2.0	16.9	54
20086.750000	36.5	V	287.0	42.2	-5.7	17.5	54
20776.312500	36.7	H	31.0	43.6	-6.9	17.3	54
21889.812500	36.9	H	9.0	44.9	-8.0	17.1	54
23671.625000	36.7	H	185.0	42.6	-5.9	17.3	54
26279.000000	37.0	V	0.0	42.4	-5.4	17.0	54

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

Full Spectrum



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)
27735.250000	28.1	V	0.0	45.0	-16.9	45.9	74
30236.125000	29.6	V	0.0	46.6	-17.0	44.4	74
31883.125000	30.6	H	0.0	46.1	-15.5	43.4	74
34107.250000	30.1	H	0.0	46.8	-16.7	43.9	74
36989.500000	32.2	V	0.0	48.8	-16.6	41.8	74
39915.625000	35.6	H	0.0	51.5	-15.9	38.4	74

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

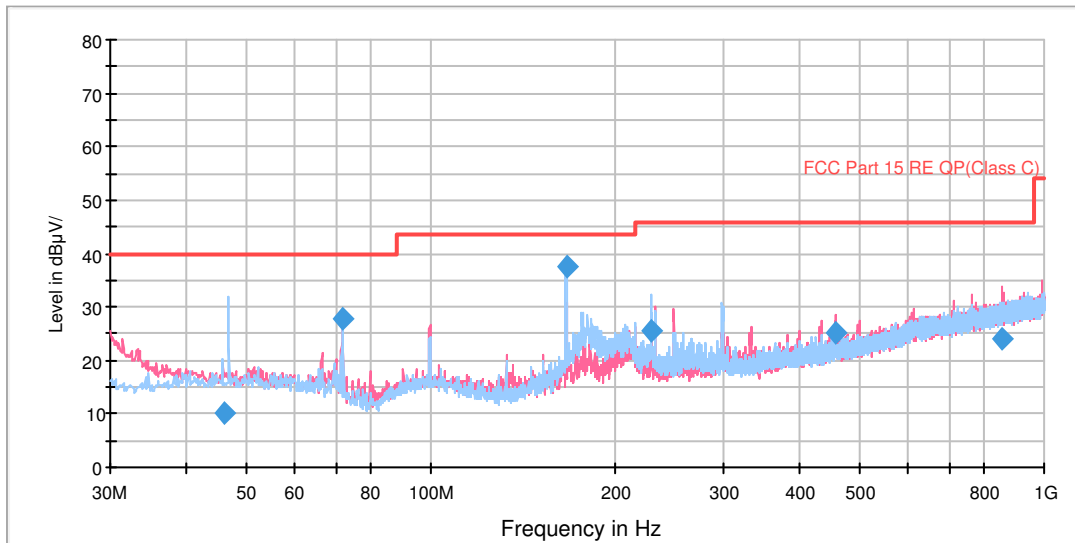
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27451.750000	17.7	H	0.0	34.7	-17.0	36.3	54
30242.875000	18.5	H	0.0	35.5	-17.0	35.5	54
31670.500000	20.6	H	0.0	36.1	-15.5	33.4	54
34627.000000	19.9	H	0.0	36.6	-16.7	34.1	54
37013.125000	21.8	V	0.0	38.4	-16.6	32.2	54
39915.625000	25.2	H	0.0	41.1	-15.9	28.8	54

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



802.11ac (HT20) CH149

FCC RE 0.03-1GHz QP Class C



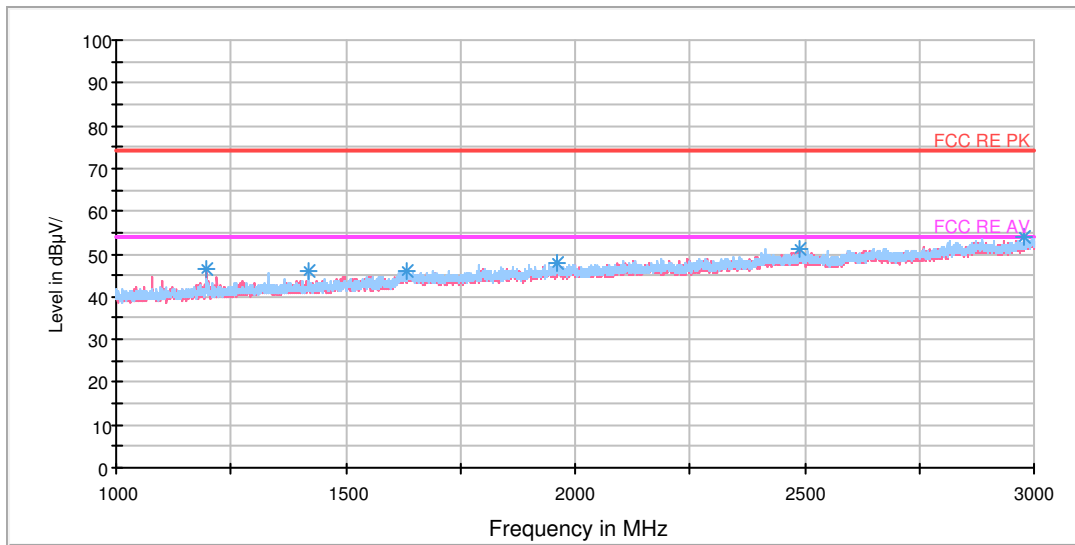
Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
46.132500	10.0	114.0	H	238.0	23.1	13.1	30.0	40.0
71.992500	27.8	100.0	V	231.0	36.4	8.6	12.2	40.0
166.281250	37.5	125.0	H	73.0	47.5	10.0	6.0	43.5
228.363750	25.5	125.0	H	202.0	38.7	13.2	20.5	46.0
456.641250	25.3	114.0	V	54.0	44.3	19.0	20.7	46.0
855.061250	24.0	125.0	V	310.0	49.0	25.0	22.0	46.0

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



RE 1G-3GHz PK+AV



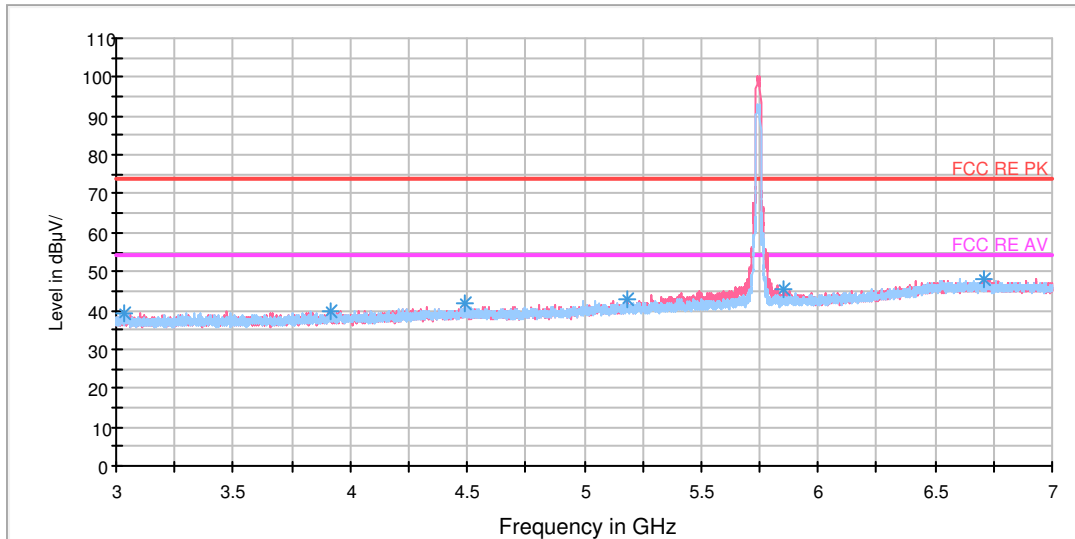
Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1195.750000	46.7	102.0	V	295.0	54.9	-8.2	27.3	74
1417.500000	45.8	102.0	H	0.0	52.7	-6.9	28.2	74
1633.250000	46.1	102.0	H	242.0	50.8	-4.7	27.9	74
1961.750000	47.8	102.0	V	138.0	51.0	-3.2	26.2	74
2490.000000	51.1	102.0	V	54.0	51.4	0.3	22.9	74
2977.000000	53.9	102.0	V	295.0	56.1	2.2	20.1	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1195.000000	33.6	102.0	V	106.0	41.8	-8.2	20.4	54
1398.000000	32.4	102.0	V	295.0	39.5	-7.1	21.6	54
1647.000000	35.5	102.0	V	343.0	40.5	-5.0	18.5	54
1960.000000	36.4	102.0	V	138.0	39.6	-3.2	17.6	54
2493.000000	39.1	102.0	H	275.0	39.3	0.2	14.9	54
2994.500000	45.1	102.0	H	327.0	47.4	2.3	8.9	54

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



Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 7GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3035.500000	39.5	100.0	H	0.0	40.3	0.8	34.5	74
3913.000000	39.7	100.0	V	201.0	41.3	1.6	34.3	74
4493.500000	42.0	100.0	V	0.0	44.6	2.6	32.0	74
5185.500000	42.8	100.0	V	108.0	46.3	3.5	31.2	74
5854.500000	45.2	100.0	V	228.0	50.2	5.0	28.8	74
6713.000000	48.0	100.0	V	0.0	56.4	8.4	26.0	74

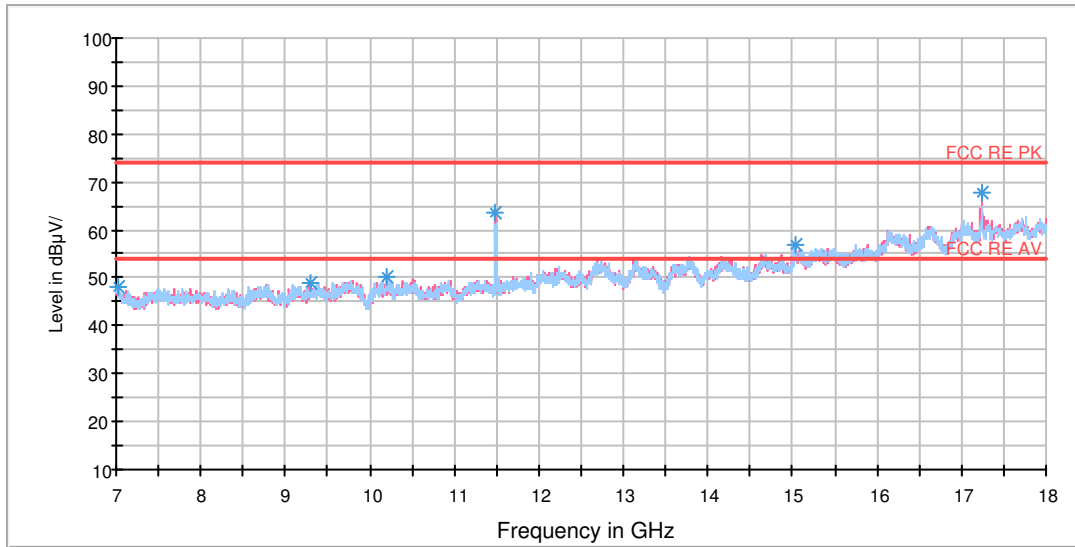
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3029.500000	27.2	100.0	V	359.0	28.0	0.8	26.8	54
3962.500000	28.4	100.0	V	348.0	30.4	2.0	25.6	54
4499.000000	29.0	100.0	H	0.0	31.8	2.8	25.0	54
5240.500000	30.7	100.0	V	0.0	34.3	3.6	23.3	54
5851.500000	34.1	100.0	V	215.0	39.2	5.1	19.9	54
6531.500000	36.1	100.0	H	26.0	44.6	8.5	17.9	54

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



RE 7-18GHz PK



Radiates Emission from 7GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7013.750000	48.3	101.0	V	189.0	56.6	8.3	25.7	74
9307.250000	48.8	101.0	V	168.0	58.1	9.3	25.2	74
10212.000000	50.3	101.0	H	224.0	61.5	11.2	23.7	74
11482.500000	63.4	101.0	V	4.0	74.0	10.6	10.6	74
15043.750000	56.8	101.0	H	202.0	75.6	18.8	17.2	74
17246.500000	67.7	101.0	V	350.0	91.5	23.8	6.3	74

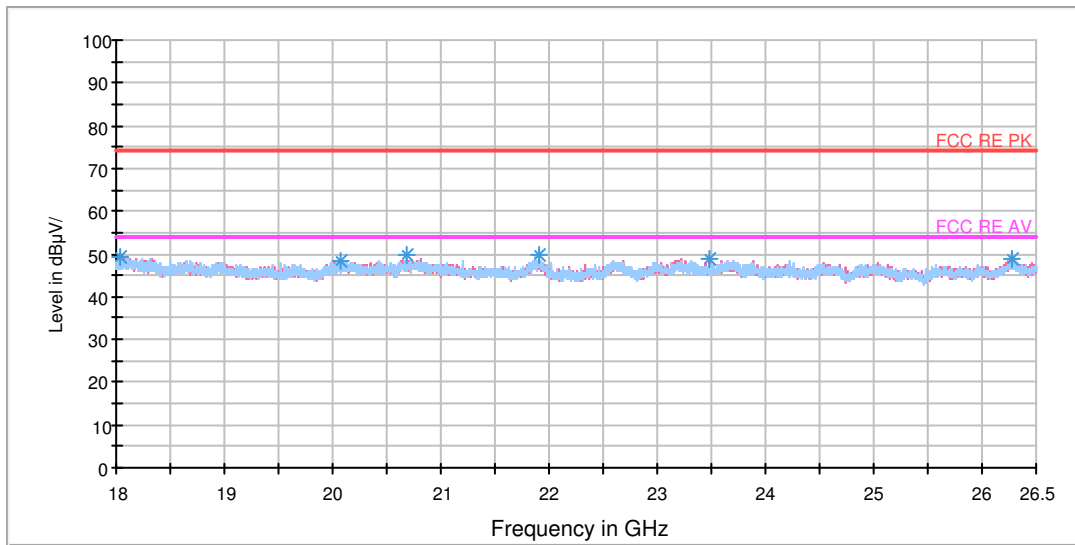
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7000.000000	38.3	102.0	V	180.0	46.8	8.5	15.7	54
9587.750000	38.1	102.0	V	180.0	48.0	9.9	15.9	54
9739.000000	39.1	102.0	V	180.0	49.8	10.7	14.9	54
11490.750000	53.3	102.0	V	180.0	64.1	10.8	0.7	54
15338.000000	45.2	102.0	V	180.0	63.8	18.6	8.8	54
17241.000000	53.4	102.0	V	180.0	77.1	23.7	0.6	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

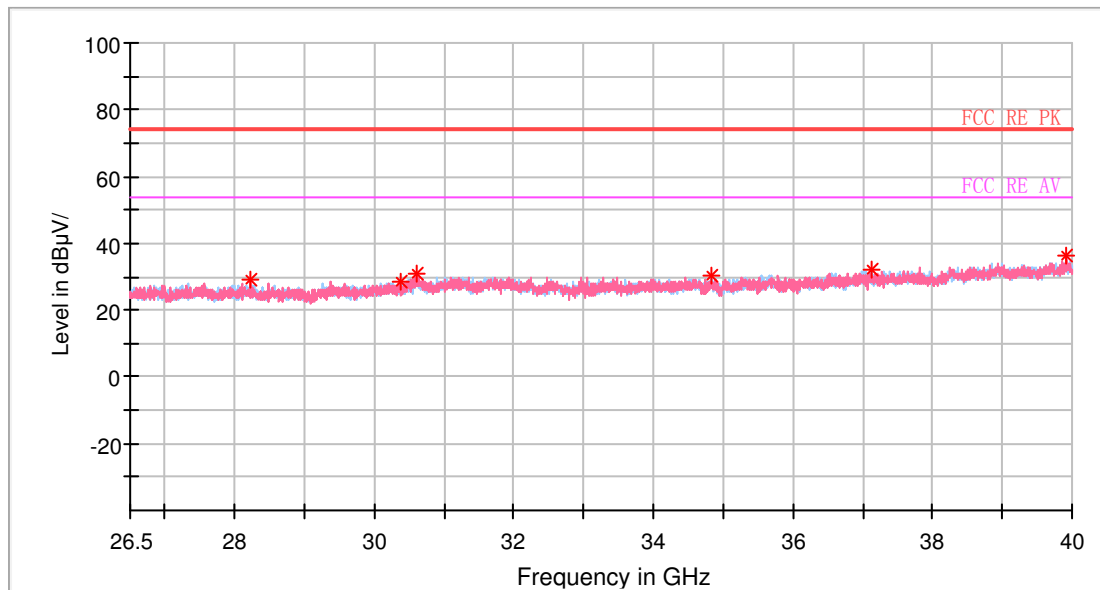
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18032.937500	49.3	V	0.0	51.2	-1.9	24.7	74
20068.687500	48.5	V	0.0	54.2	-5.7	25.5	74
20688.125000	49.8	H	31.0	56.5	-6.7	24.2	74
21905.750000	49.9	V	0.0	57.9	-8.0	24.1	74
23487.812500	48.7	V	112.0	54.6	-5.9	25.3	74
26270.500000	48.8	H	182.0	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)
18068.000000	37.2	V	223.0	39.3	-2.1	16.8	54
20075.062500	36.5	V	134.0	42.2	-5.7	17.5	54
20792.250000	36.5	V	310.0	43.4	-6.9	17.5	54
23202.000000	36.8	V	0.0	42.8	-6.0	17.2	54
23681.187500	36.8	V	0.0	42.7	-5.9	17.2	54
26297.062500	37.0	H	161.0	42.4	-5.4	17.0	54

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

Full Spectrum



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)
28214.500000	28.8	V	0.0	45.3	-16.5	45.2	74
30374.500000	28.7	H	0.0	45.4	-16.7	45.3	74
30604.000000	30.8	V	0.0	47.2	-16.4	43.2	74
34836.250000	30.0	H	0.0	46.8	-16.8	44.0	74
37124.500000	32.0	H	0.0	48.6	-16.6	42.0	74
39925.750000	36.1	V	0.0	52.0	-15.9	37.9	74

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

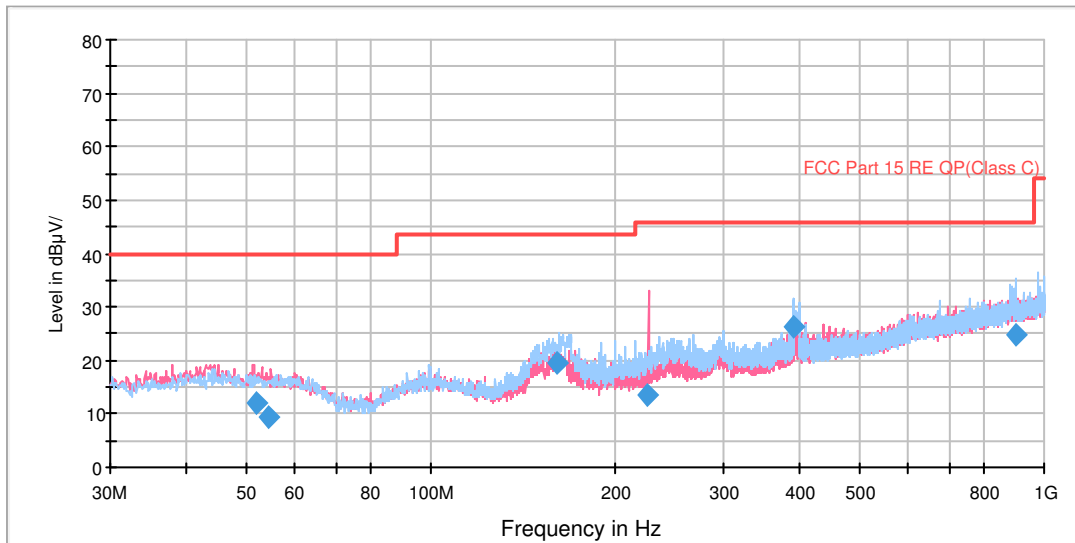
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
27596.875000	17.7	H	0.0	34.7	-17.0	36.3	54
30256.375000	18.8	V	0.0	35.8	-17.0	35.2	54
31663.750000	20.2	H	0.0	35.8	-15.6	33.8	54
34556.125000	19.8	V	0.0	36.4	-16.6	34.2	54
36976.000000	21.6	V	0.0	38.2	-16.6	32.4	54
39905.500000	25.0	H	0.0	40.9	-15.9	29.0	54

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



802.11ac (HT20) CH157

FCC RE 0.03-1GHz QP Class C

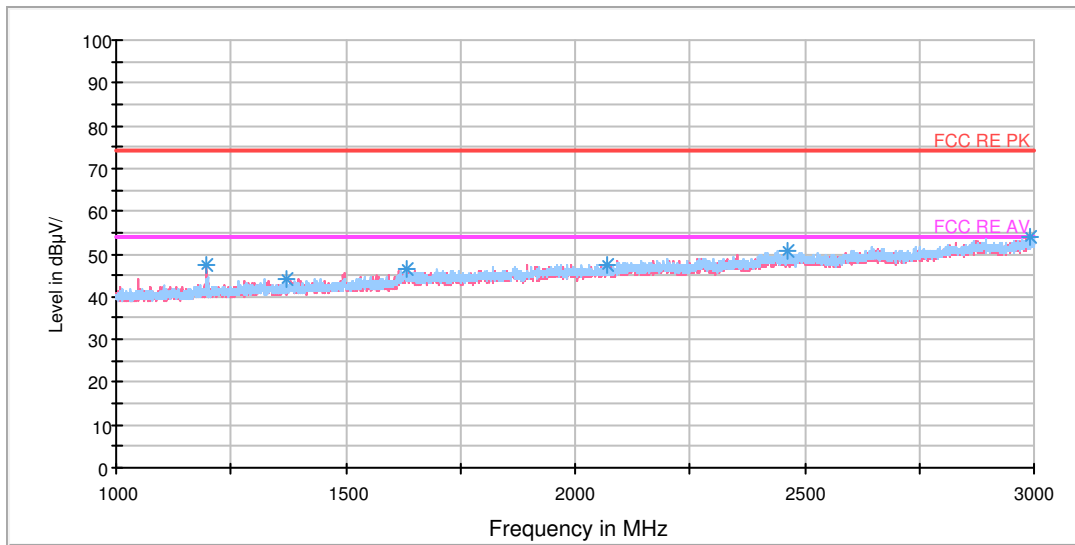


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
52.021250	11.9	100.0	V	317.0	24.8	12.9	28.1	40.0
54.377500	9.4	100.0	V	25.0	22.2	12.8	30.6	40.0
161.157500	19.5	125.0	H	244.0	29.3	9.8	24.0	43.5
225.983750	13.6	125.0	V	10.0	26.7	13.1	32.4	46.0
391.082500	26.1	100.0	H	220.0	43.8	17.7	19.9	46.0
899.641250	24.8	100.0	H	43.0	50.4	25.6	21.2	46.0

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

RE 1G-3GHz PK+AV



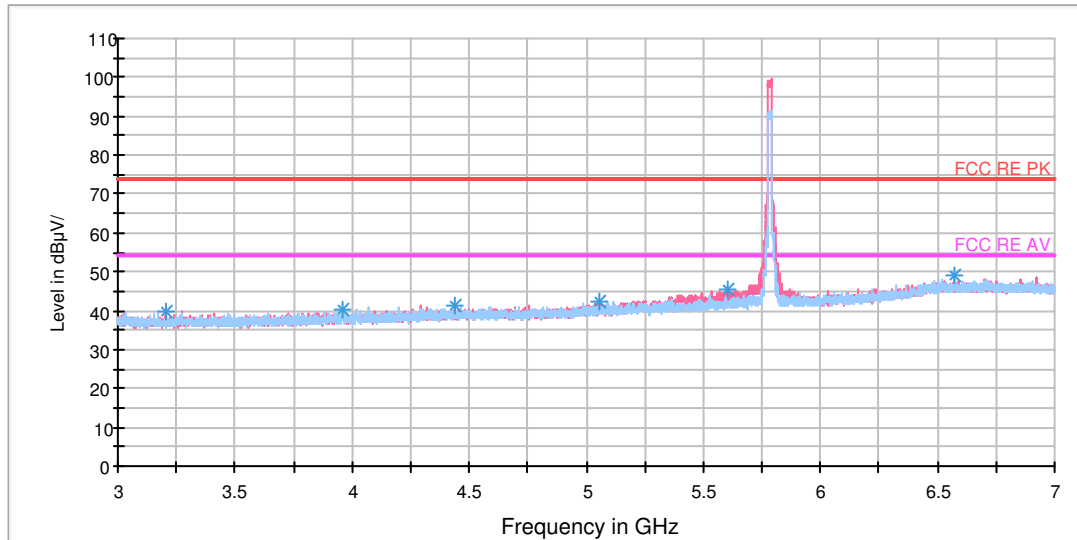
Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1195.000000	47.6	102.0	V	217.0	55.8	-8.2	26.4	74
1372.250000	44.0	102.0	H	0.0	51.2	-7.2	30.0	74
1633.750000	46.5	102.0	H	93.0	51.2	-4.7	27.5	74
2069.250000	47.6	102.0	H	14.0	50.7	-3.1	26.4	74
2463.500000	50.6	102.0	H	29.0	51.1	-0.5	23.4	74
2991.500000	54.0	102.0	H	125.0	56.2	2.2	20.0	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1197.500000	33.8	102.0	V	184.0	42.0	-8.2	20.2	54
1327.750000	32.9	102.0	V	217.0	40.3	-7.4	21.1	54
1646.750000	34.8	102.0	V	121.0	39.8	-5.0	19.2	54
2062.000000	36.2	102.0	H	189.0	39.3	-3.1	17.8	54
2490.500000	39.1	102.0	H	289.0	39.4	0.3	14.9	54
2994.750000	45.2	102.0	H	29.0	47.5	2.3	8.8	54

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



Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 7GHz

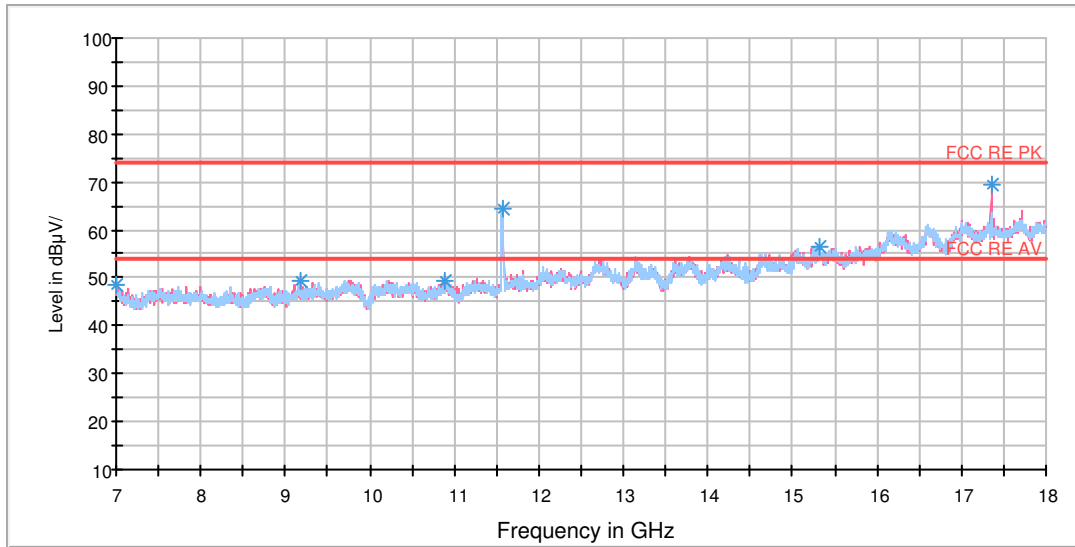
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3201.500000	39.8	100.0	V	296.0	40.5	0.7	34.2	74
3957.000000	40.4	100.0	H	0.0	42.3	1.9	33.6	74
4442.000000	41.5	100.0	V	0.0	44.1	2.6	32.5	74
5055.500000	42.5	100.0	V	0.0	45.8	3.3	31.5	74
5600.000000	45.2	100.0	V	178.0	49.6	4.4	28.8	74
6572.500000	48.9	100.0	H	41.0	57.1	8.2	25.1	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)
3049.000000	27.2	100.0	V	0.0	28.2	1.0	26.8	54
3960.000000	28.5	100.0	V	165.0	30.8	2.3	25.5	54
4389.000000	29.2	100.0	V	339.0	31.7	2.5	24.8	54
5240.000000	30.9	100.0	V	245.0	34.5	3.6	23.1	54
5633.000000	34.2	100.0	V	231.0	38.5	4.3	19.8	54
6722.000000	36.2	100.0	V	178.0	44.8	8.6	17.8	54

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

RE 7-18GHz PK



Radiates Emission from 7GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7005.500000	48.4	101.0	H	226.0	56.8	8.4	25.6	74
9175.250000	49.4	101.0	H	55.0	58.1	8.7	24.6	74
10888.500000	49.4	101.0	V	190.0	59.5	10.1	24.6	74
11573.250000	64.6	101.0	V	349.0	75.8	11.2	9.4	74
15327.000000	56.4	101.0	V	244.0	74.8	18.4	17.6	74
17356.500000	69.3	101.0	V	328.0	93.1	23.8	4.7	74

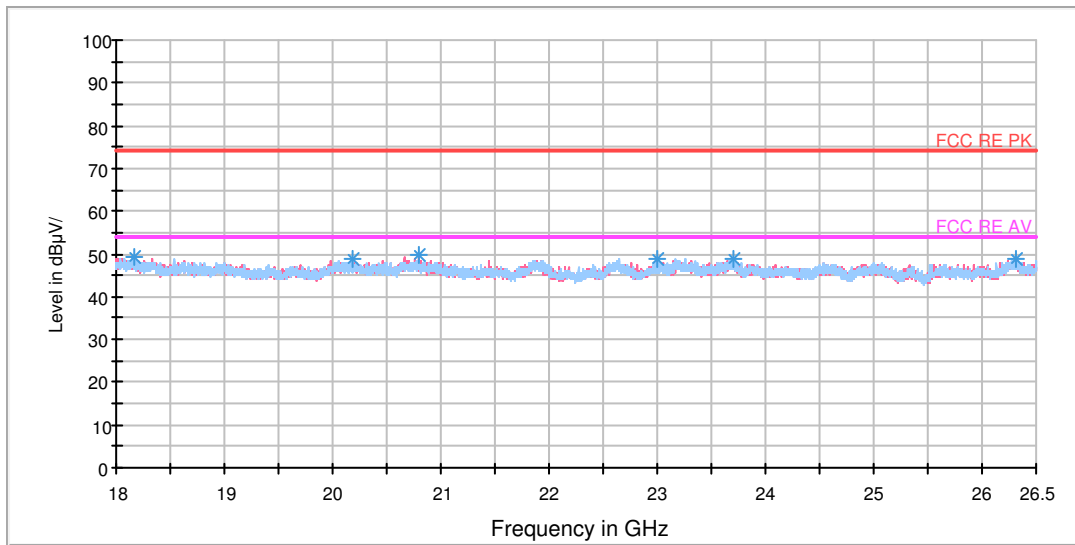
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7000.000000	38.3	102.0	V	180.0	46.8	8.5	15.7	54
9587.750000	38.0	102.0	V	180.0	47.9	9.9	16.0	54
9739.000000	39.1	102.0	V	180.0	49.8	10.7	14.9	54
11570.500000	53.0	102.0	V	180.0	64.2	11.2	1.0	54
15338.000000	45.2	102.0	V	0.0	63.8	18.6	8.8	54
17356.500000	53.4	102.0	V	180.0	77.2	23.8	0.6	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

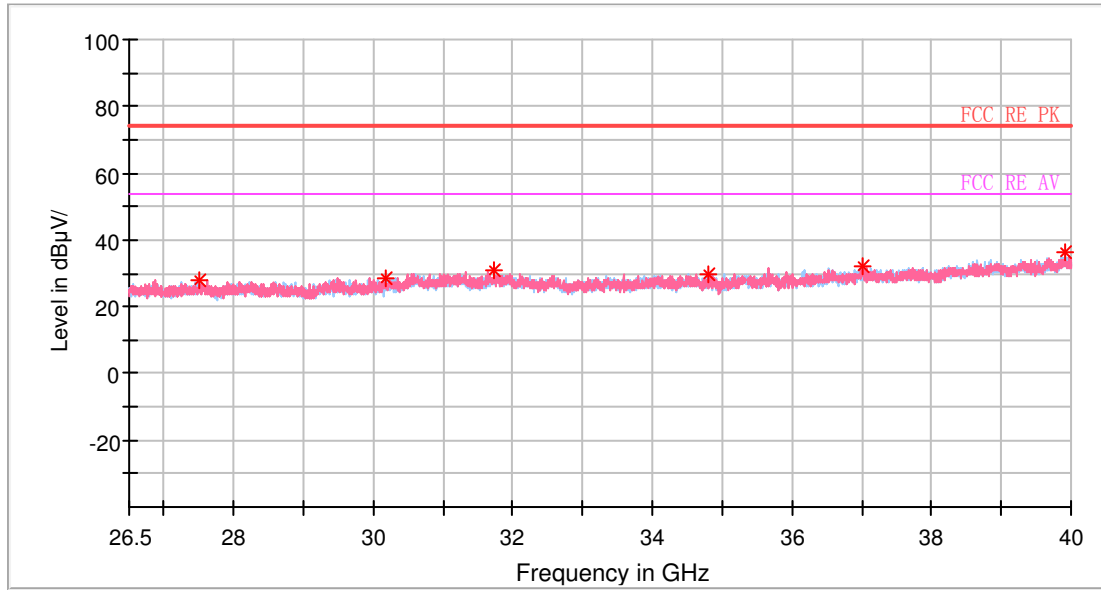
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18168.937500	49.2	V	89.0	51.7	-2.5	24.8	74
20188.750000	48.7	H	119.0	54.6	-5.9	25.3	74
20791.187500	49.6	V	133.0	56.5	-6.9	24.4	74
22999.062500	48.7	V	200.0	54.9	-6.2	25.3	74
23705.625000	48.7	V	0.0	54.6	-5.9	25.3	74
26310.875000	48.7	H	9.0	54.1	-5.4	25.3	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)
18074.375000	37.3	V	287.0	39.4	-2.1	16.7	54
20084.625000	36.3	V	287.0	42.0	-5.7	17.7	54
20731.687500	36.5	V	352.0	43.3	-6.8	17.5	54
21897.250000	36.9	V	330.0	44.9	-8.0	17.1	54
23697.125000	36.7	H	0.0	42.6	-5.9	17.3	54
26287.500000	37.0	V	177.0	42.4	-5.4	17.0	54

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

Full Spectrum



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)
27519.250000	28.0	H	0.0	45.1	-17.1	46.0	74
30178.750000	28.6	H	0.0	45.7	-17.1	45.4	74
31738.000000	30.6	H	0.0	46.0	-15.4	43.4	74
34812.625000	29.9	V	0.0	46.7	-16.8	44.1	74
37003.000000	32.1	H	0.0	48.7	-16.6	41.9	74
39915.625000	36.2	H	0.0	52.1	-15.9	37.8	74

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

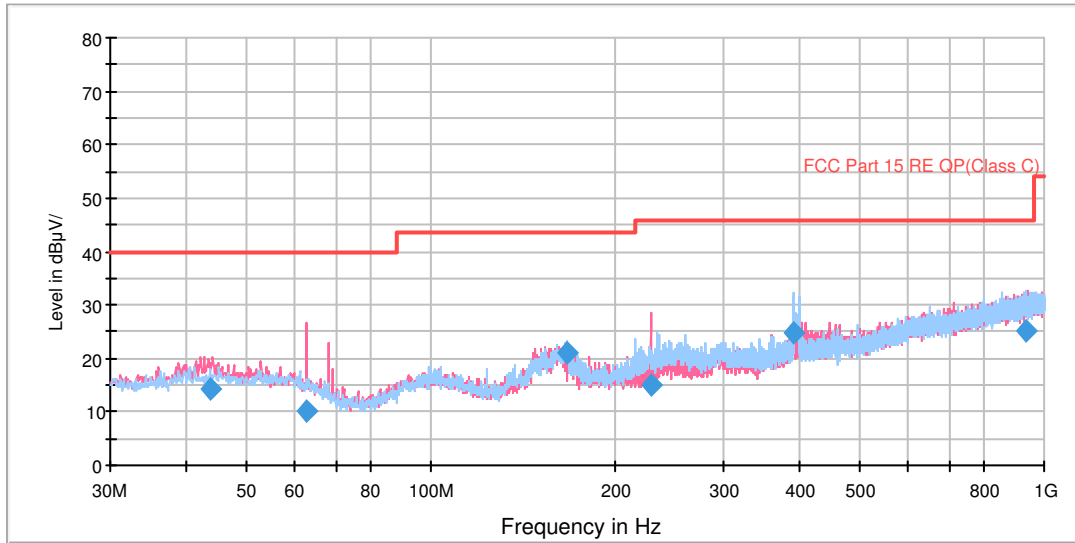
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28157.125000	17.8	V	0.0	34.2	-16.4	36.2	54
30215.875000	18.4	V	0.0	35.5	-17.1	35.6	54
31225.000000	20.3	V	0.0	36.3	-16.0	33.7	54
32602.000000	20.0	H	0.0	36.3	-16.3	34.0	54
37057.000000	21.8	H	0.0	38.4	-16.6	32.2	54
39679.375000	24.9	V	0.0	40.7	-15.8	29.1	54

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



802.11ac (HT20) CH165

FCC RE 0.03-1GHz QP Class C

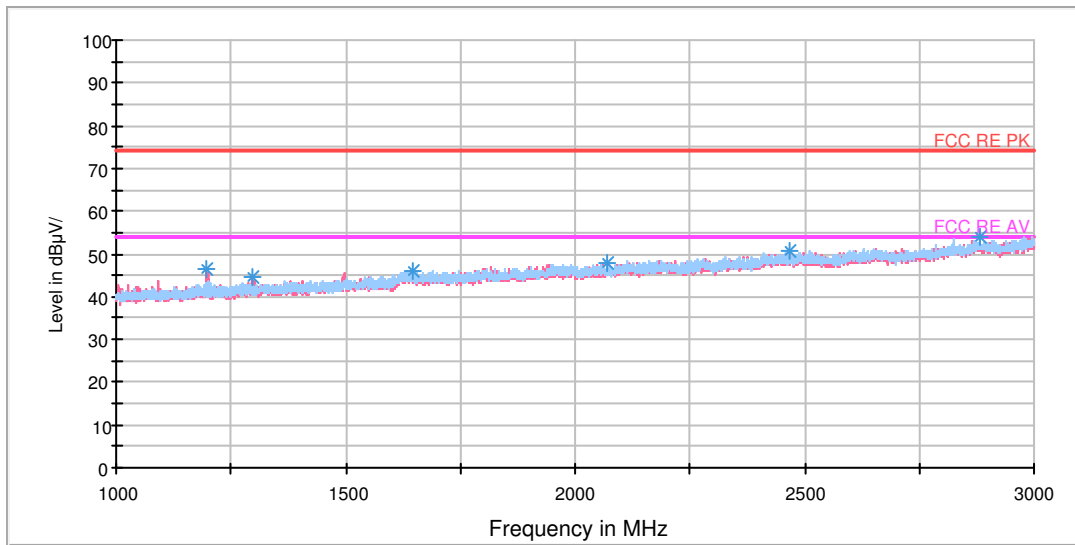


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
43.826250	14.3	100.0	V	279.0	27.4	13.1	25.7	40.0
62.816250	10.0	100.0	V	314.0	21.3	11.3	30.0	40.0
166.685000	21.1	125.0	H	240.0	31.2	10.1	22.4	43.5
228.082500	15.1	100.0	V	0.0	28.3	13.2	30.9	46.0
390.682500	24.8	100.0	H	323.0	42.5	17.7	21.2	46.0
934.852500	25.1	100.0	H	356.0	51.0	25.9	20.9	46.0

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

RE 1G-3GHz PK+AV



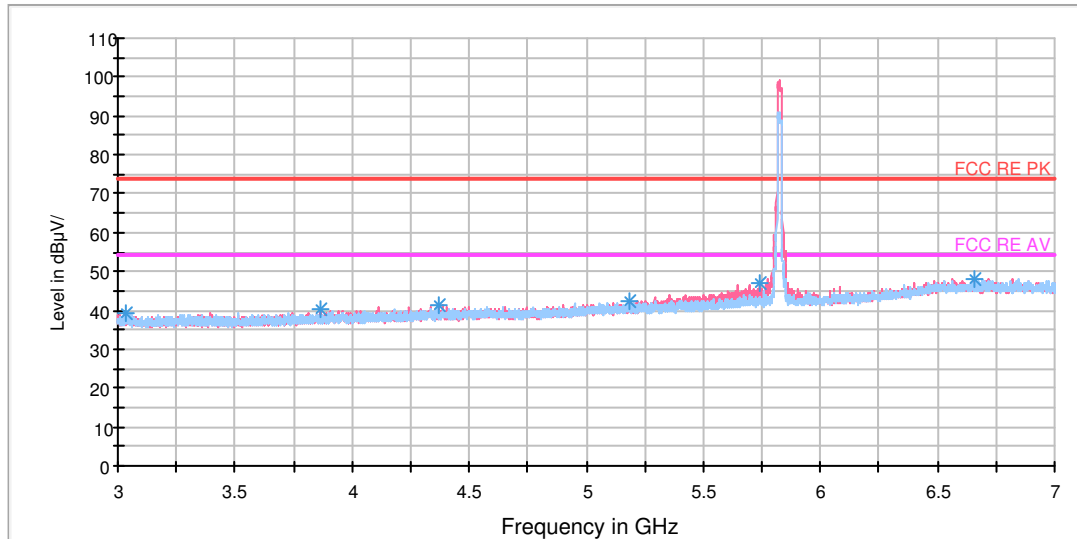
Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1196.000000	46.5	102.0	V	71.0	54.7	-8.2	27.5	74
1295.000000	44.8	102.0	V	292.0	52.6	-7.8	29.2	74
1647.500000	46.0	102.0	V	53.0	51.0	-5.0	28.0	74
2071.500000	47.9	102.0	H	161.0	51.0	-3.1	26.1	74
2466.750000	50.5	102.0	V	53.0	51.0	-0.5	23.5	74
2882.250000	54.1	102.0	H	2.0	56.3	2.2	19.9	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1197.750000	32.0	102.0	V	137.0	40.2	-8.2	22.0	54
1314.250000	32.4	102.0	H	0.0	39.9	-7.5	21.6	54
1647.000000	35.0	102.0	V	0.0	40.0	-5.0	19.0	54
1998.500000	36.0	102.0	V	0.0	39.4	-3.4	18.0	54
2490.500000	39.2	102.0	H	208.0	39.5	0.3	14.8	54
2994.750000	45.8	102.0	H	327.0	48.1	2.3	8.2	54

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



Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 7GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3031.000000	39.2	100.0	H	151.0	40.0	0.8	34.8	74
3867.000000	40.2	100.0	V	357.0	41.2	1.0	33.8	74
4374.000000	41.5	100.0	V	0.0	43.5	2.0	32.5	74
5180.500000	42.6	100.0	V	222.0	46.3	3.7	31.4	74
5740.500000	46.9	100.0	V	236.0	51.8	4.9	27.1	74
6656.000000	48.1	100.0	V	99.0	56.5	8.4	25.9	74

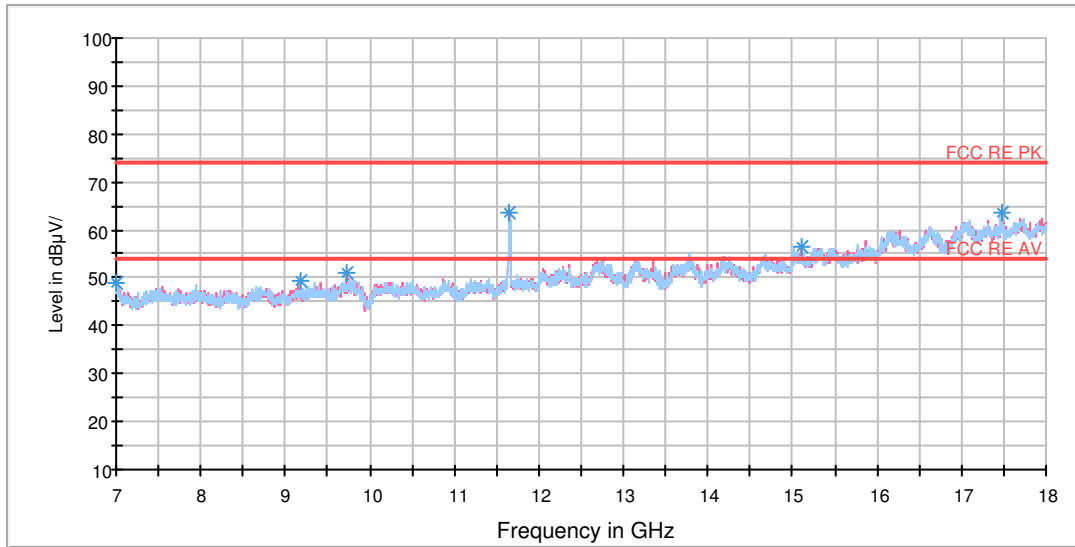
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3043.000000	27.7	100.0	V	0.0	28.5	0.8	26.3	54
3960.000000	28.4	100.0	H	0.0	30.7	2.3	25.6	54
4578.000000	29.1	100.0	V	6.0	31.5	2.4	24.9	54
5232.500000	30.8	100.0	V	236.0	34.5	3.7	23.2	54
5720.000000	35.2	100.0	V	222.0	39.7	4.5	18.8	54
6723.000000	36.0	100.0	V	183.0	44.6	8.6	18.0	54

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



RE 7-18GHz PK



Radiates Emission from 7GHz to 18GHz

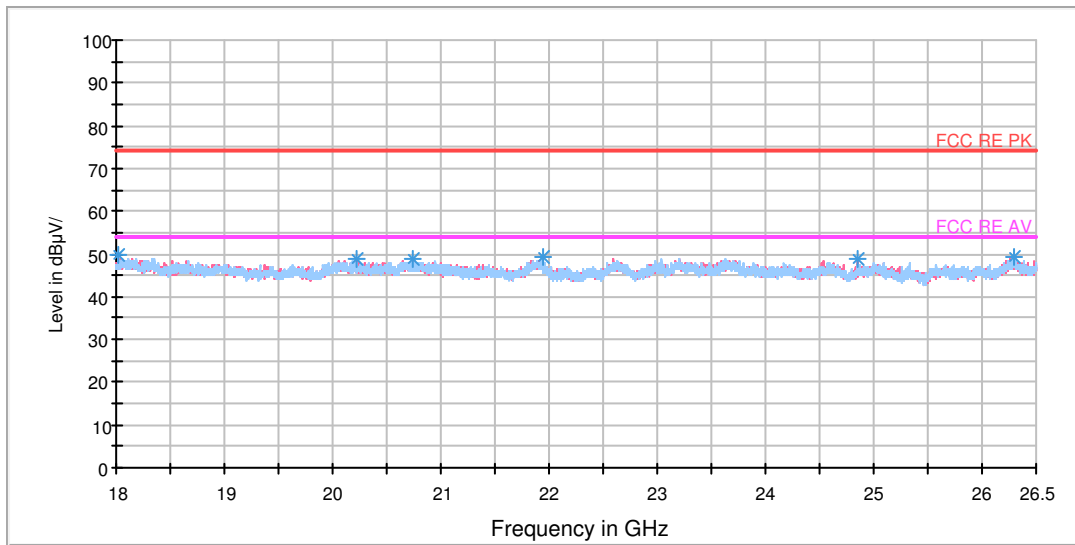
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7011.000000	48.9	101.0	H	334.0	57.2	8.3	25.1	74
9189.000000	49.2	101.0	H	105.0	57.9	8.7	24.8	74
9725.250000	51.0	101.0	V	347.0	61.2	10.2	23.0	74
11655.750000	63.5	101.0	V	27.0	75.2	11.7	10.5	74
15104.250000	56.3	101.0	V	263.0	74.6	18.3	17.7	74
17477.500000	63.5	101.0	H	158.0	88.2	24.7	10.5	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7000.000000	38.4	102.0	V	180.0	46.9	8.5	15.6	54
9587.750000	38.0	102.0	V	180.0	47.9	9.9	16.0	54
9739.000000	39.0	102.0	V	180.0	49.7	10.7	15.0	54
11653.000000	51.8	102.0	V	180.0	63.4	11.6	2.2	54
15338.000000	45.2	102.0	V	0.0	63.8	18.6	8.8	54
17474.750000	52.3	102.0	V	180.0	77.1	24.8	1.7	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

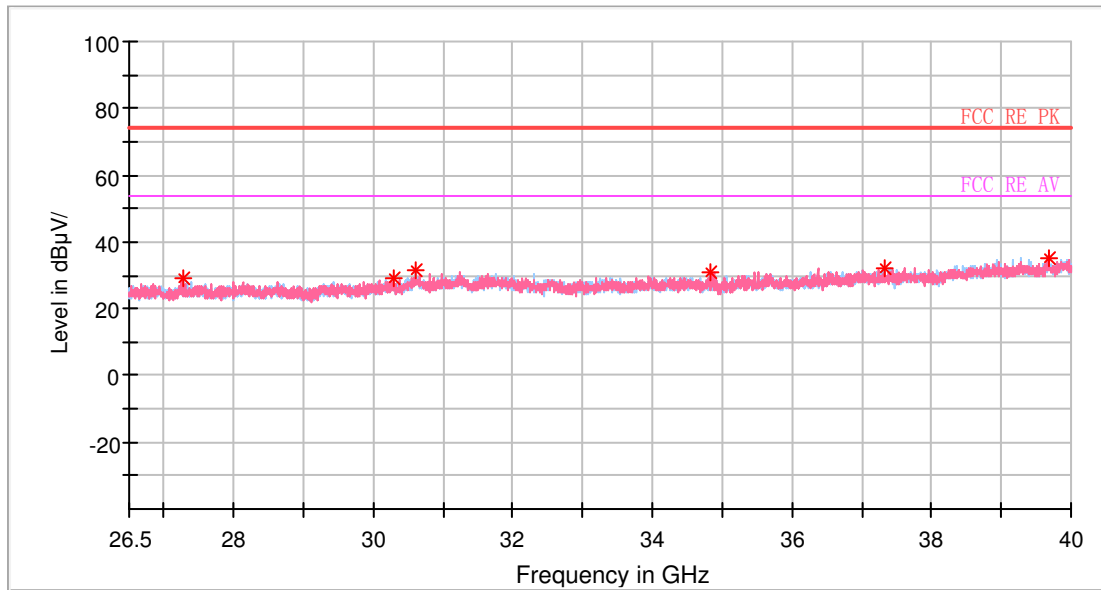
Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18026.562500	49.6	H	0.0	51.5	-1.9	24.4	74
20214.250000	48.8	V	288.0	54.7	-5.9	25.2	74
20732.750000	48.6	V	112.0	55.4	-6.8	25.4	74
21948.250000	49.4	H	0.0	57.4	-8.0	24.6	74
24844.625000	48.7	V	0.0	54.6	-5.9	25.3	74
26293.875000	49.3	V	0.0	54.7	-5.4	24.7	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)
18064.812500	37.5	V	245.0	39.6	-2.1	16.5	54
20099.500000	36.4	H	29.0	42.2	-5.8	17.6	54
20779.500000	36.7	H	51.0	43.6	-6.9	17.3	54
21890.875000	37.0	V	331.0	45.0	-8.0	17.0	54
23658.875000	36.7	H	29.0	42.6	-5.9	17.3	54
26300.250000	36.9	V	0.0	42.3	-5.4	17.1	54

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

Full Spectrum



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)
27286.375000	28.8	H	0.0	45.8	-17.0	45.2	74
30296.875000	29.0	H	0.0	45.9	-16.9	45.0	74
30604.000000	31.4	H	0.0	47.8	-16.4	42.6	74
34836.250000	30.8	H	0.0	47.6	-16.8	43.2	74
37316.875000	32.0	H	0.0	48.5	-16.5	42.0	74
39679.375000	34.9	V	0.0	50.7	-15.8	39.1	74

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

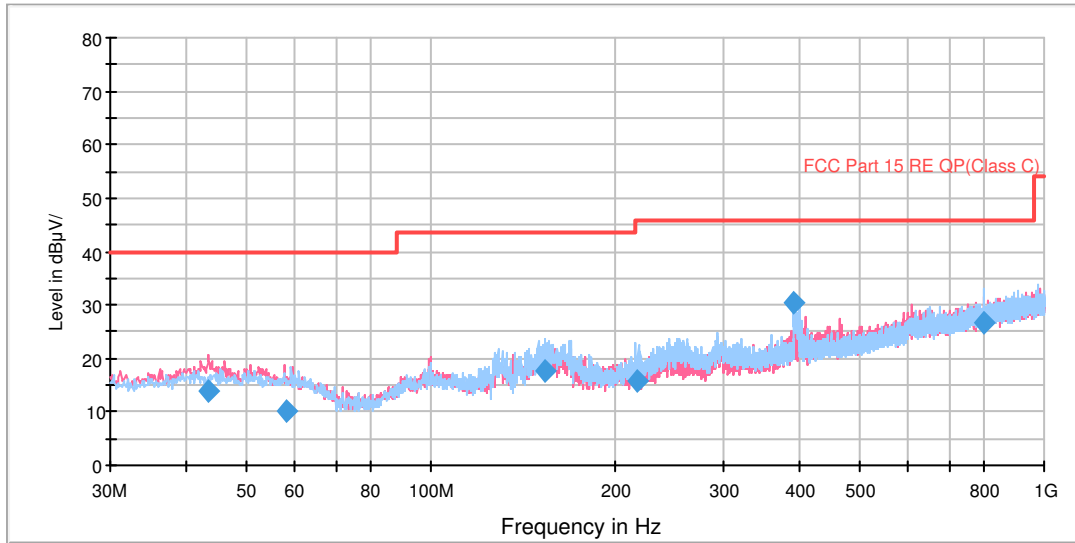
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28163.875000	17.7	H	0.0	34.1	-16.4	36.3	54
30273.250000	18.6	H	0.0	35.5	-16.9	35.4	54
31761.625000	20.6	H	0.0	36.0	-15.4	33.4	54
34859.875000	19.8	V	0.0	36.6	-16.8	34.2	54
36935.500000	22.1	V	0.0	38.7	-16.6	31.9	54
39885.250000	25.1	V	0.0	41.0	-15.9	28.9	54

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



802.11ac (HT40) CH38

FCC RE 0.03-1GHz QP Class C

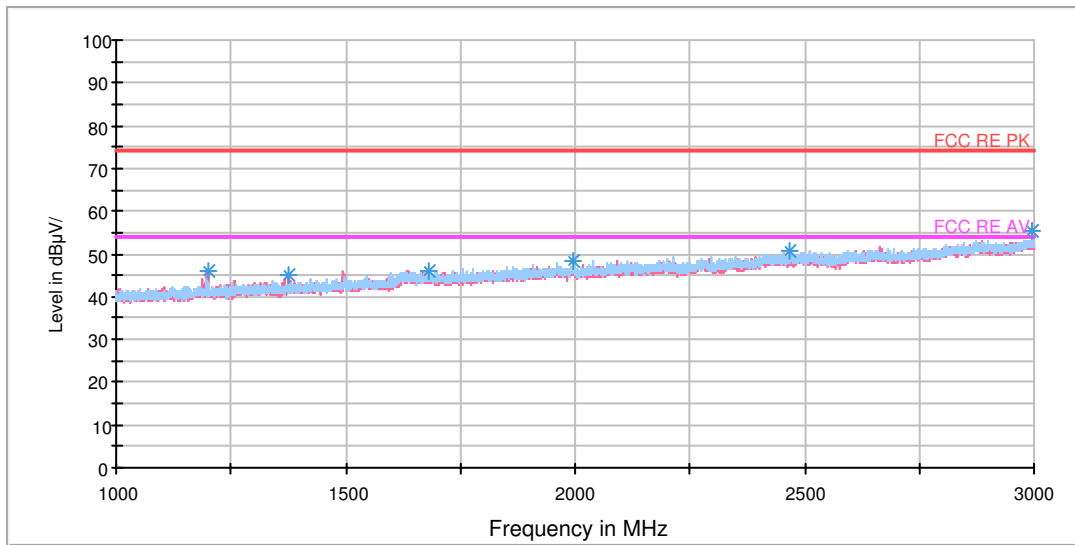


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
43.537500	13.9	100.0	V	321.0	27.0	13.1	26.1	40.0
58.165000	10.0	100.0	V	245.0	22.6	12.6	30.0	40.0
153.637500	17.6	125.0	H	265.0	26.9	9.3	25.9	43.5
216.397500	15.7	100.0	H	186.0	28.4	12.7	30.3	46.0
391.117500	30.3	100.0	H	265.0	48.0	17.7	15.7	46.0
799.286250	26.8	100.0	H	44.0	51.2	24.4	19.2	46.0

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

RE 1G-3GHz PK+AV



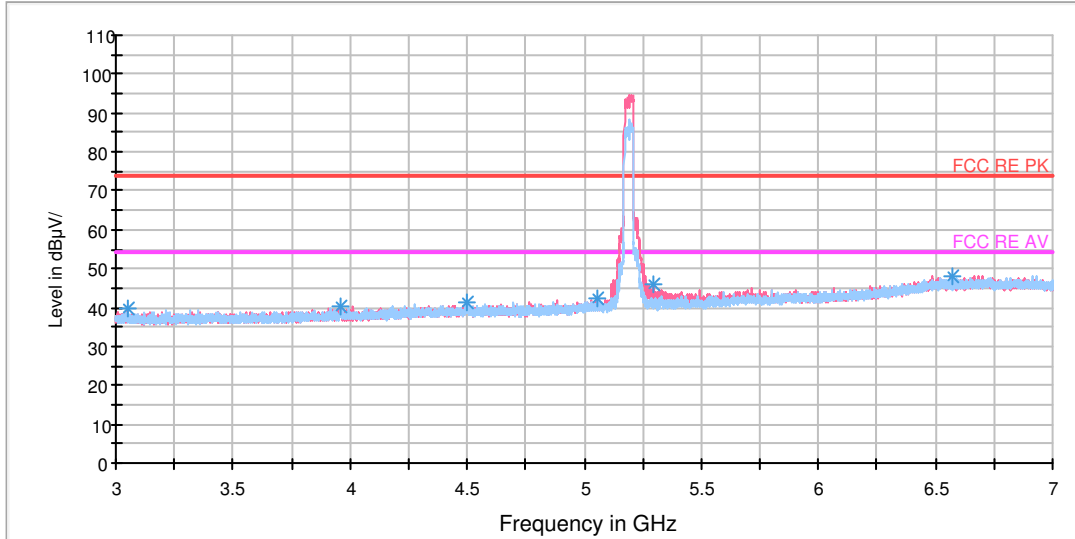
Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1199.250000	46.0	102.0	V	296.0	54.2	-8.2	28.0	74
1375.500000	45.1	102.0	V	264.0	52.2	-7.1	28.9	74
1679.750000	46.2	102.0	H	0.0	51.3	-5.1	27.8	74
1996.250000	48.3	102.0	H	1.0	51.6	-3.3	25.7	74
2466.000000	50.6	102.0	H	111.0	51.1	-0.5	23.4	74
2995.000000	55.5	102.0	V	13.0	57.8	2.3	18.5	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1188.500000	32.2	102.0	V	138.0	40.4	-8.2	21.8	54
1432.500000	32.3	102.0	H	0.0	39.2	-6.9	21.7	54
1622.250000	35.2	102.0	V	296.0	40.0	-4.8	18.8	54
2074.000000	36.2	102.0	H	0.0	39.3	-3.1	17.8	54
2490.750000	39.0	102.0	H	328.0	39.3	0.3	15.0	54
2995.000000	44.7	102.0	H	328.0	47.0	2.3	9.3	54

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



Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 7GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3047.500000	39.5	100.0	V	0.0	40.4	0.9	34.5	74
3962.000000	40.1	100.0	V	297.0	42.2	2.1	33.9	74
4502.500000	41.4	100.0	V	359.0	44.2	2.8	32.6	74
5059.000000	42.5	100.0	V	297.0	46.0	3.5	31.5	74
5292.000000	46.2	100.0	V	244.0	50.2	4.0	27.8	74
6572.500000	48.2	100.0	H	0.0	56.4	8.2	25.8	74

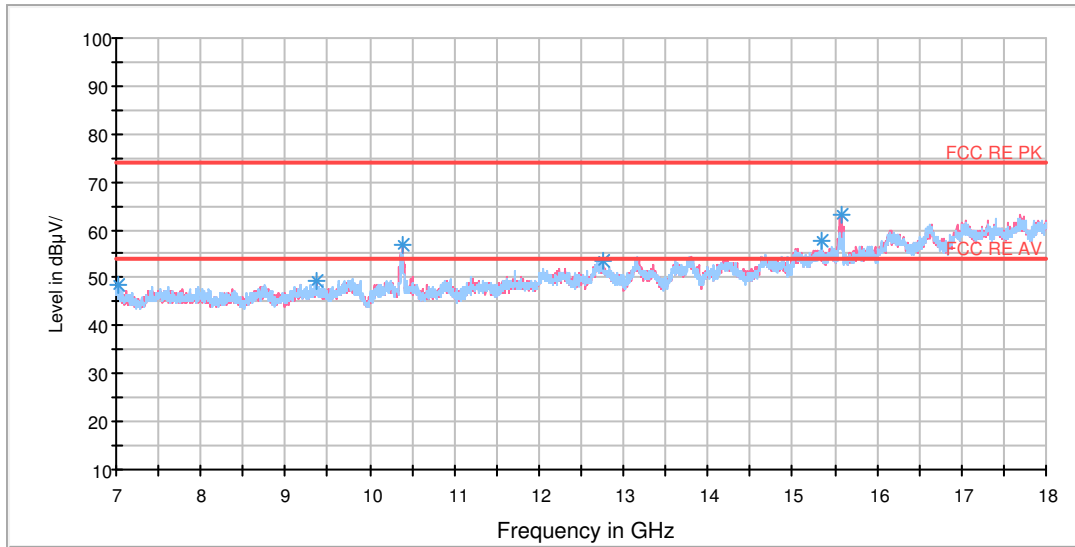
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3047.500000	27.4	100.0	V	0.0	28.3	0.9	26.6	54
3961.500000	28.3	100.0	H	172.0	30.4	2.1	25.7	54
4501.000000	29.1	100.0	V	244.0	32.0	2.9	24.9	54
5034.000000	30.1	100.0	V	271.0	33.2	3.1	23.9	54
5294.000000	34.6	100.0	V	271.0	38.5	3.9	19.4	54
6529.500000	36.0	100.0	V	0.0	44.6	8.6	18.0	54

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



RE 7-18GHz PK



Radiates Emission from 7GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7013.750000	48.4	101.0	H	86.0	56.7	8.3	25.6	74
9370.500000	49.4	101.0	V	83.0	59.1	9.7	24.6	74
10382.500000	56.8	101.0	V	170.0	66.7	9.9	17.2	74
12766.750000	53.4	101.0	H	12.0	67.9	14.5	20.6	74
15343.500000	57.6	101.0	H	55.0	76.2	18.6	16.4	74
15574.500000	63.2	101.0	V	170.0	82.2	19.0	10.8	74

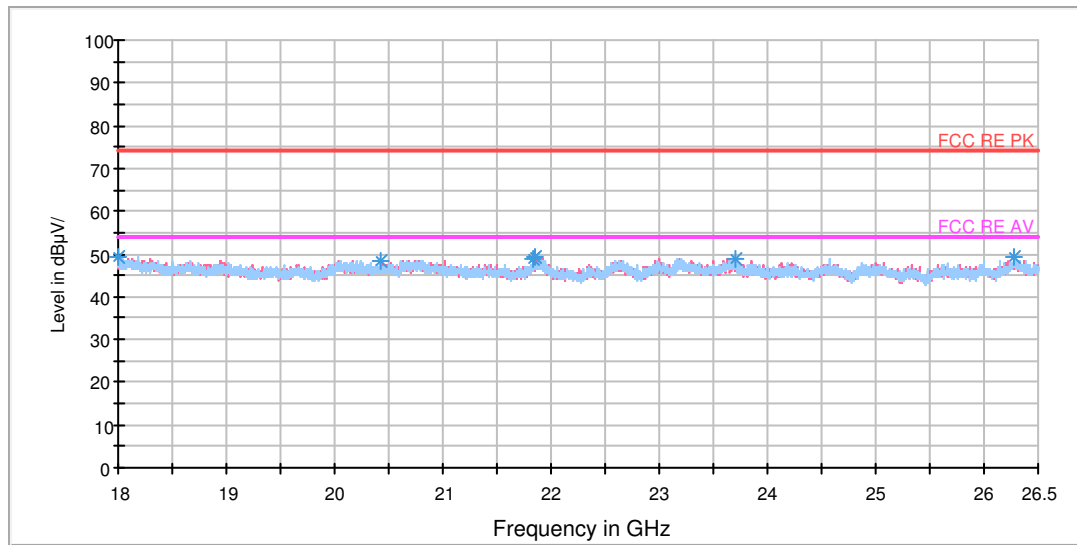
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7000.000000	38.4	102.0	V	180.0	46.9	8.5	15.6	54
9587.750000	38.0	102.0	V	180.0	47.9	9.9	16.0	54
10382.500000	47.3	102.0	V	0.0	57.2	9.9	6.7	54
13138.000000	43.2	102.0	V	180.0	58.6	15.4	10.8	54
15338.000000	45.2	102.0	V	0.0	63.8	18.6	8.8	54
17703.000000	51.9	102.0	V	180.0	76.7	24.8	2.1	54

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



RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

Frequency (MHz)	Peak (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18004.250000	49.5	101.0	V	51.3	-1.8	24.5	74
20433.125000	48.5	101.0	H	54.6	-6.1	25.5	74
21834.562500	48.6	101.0	H	56.6	-8.0	25.4	74
21855.812500	49.1	101.0	V	57.1	-8.0	24.9	74
23709.875000	48.9	101.0	V	54.8	-5.9	25.1	74
26270.500000	49.2	101.0	H	54.6	-5.4	24.8	74

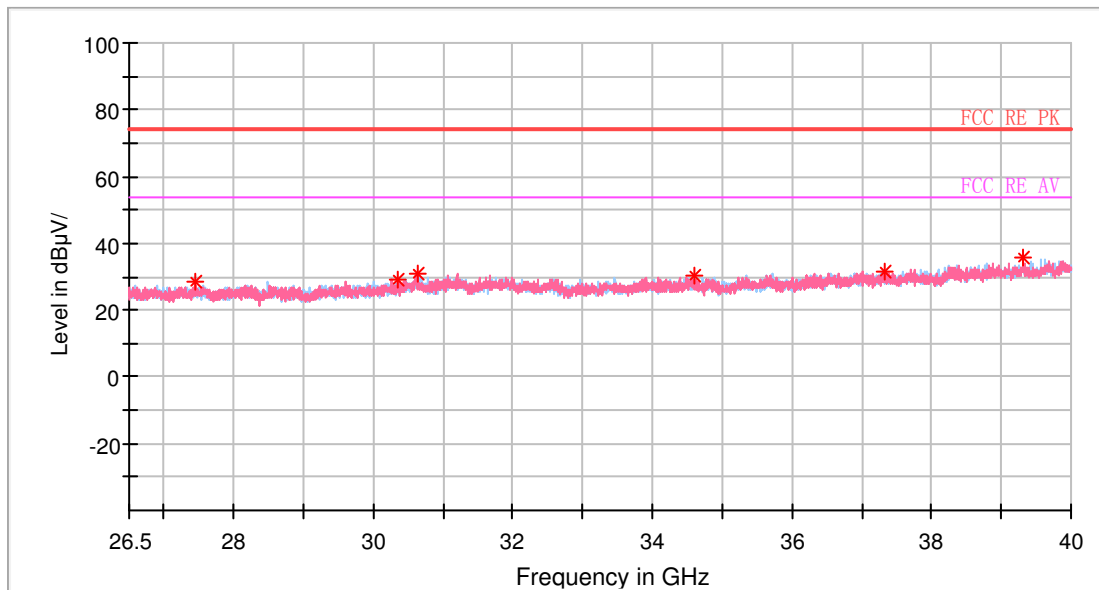
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18057.375000	37.1	101.0	V	39.1	-2.0	16.9	54
20087.812500	36.4	101.0	V	42.1	-5.7	17.6	54
20783.750000	36.7	101.0	V	43.6	-6.9	17.3	54
21882.375000	37.0	101.0	H	45.0	-8.0	17.0	54
23670.562500	36.7	101.0	V	42.6	-5.9	17.3	54
26268.375000	36.9	101.0	H	42.3	-5.4	17.1	54

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



Full Spectrum



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)
27438.250000	28.2	V	0.0	45.2	-17.0	45.8	74
30344.125000	29.2	V	0.0	45.9	-16.7	44.8	74
30631.000000	31.0	V	0.0	47.4	-16.4	43.0	74
34589.875000	30.5	H	0.0	47.2	-16.7	43.5	74
37327.000000	31.5	H	0.0	48.0	-16.5	42.5	74
39314.875000	35.7	V	0.0	51.4	-15.7	38.3	74

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

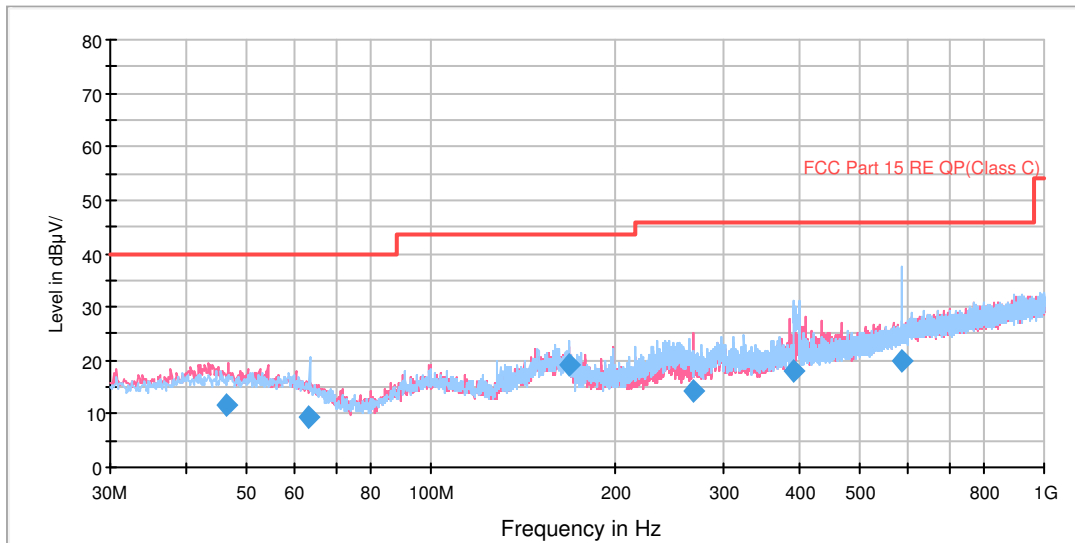
Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28241.500000	18.2	V	0.0	34.8	-16.6	35.8	54
30232.750000	18.5	V	0.0	35.5	-17.0	35.5	54
31680.625000	20.2	H	0.0	35.7	-15.5	33.8	54
34596.625000	20.6	V	0.0	37.3	-16.7	33.4	54
36581.125000	22.1	H	0.0	38.7	-16.6	31.9	54
39919.000000	25.5	V	0.0	41.4	-15.9	28.5	54

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



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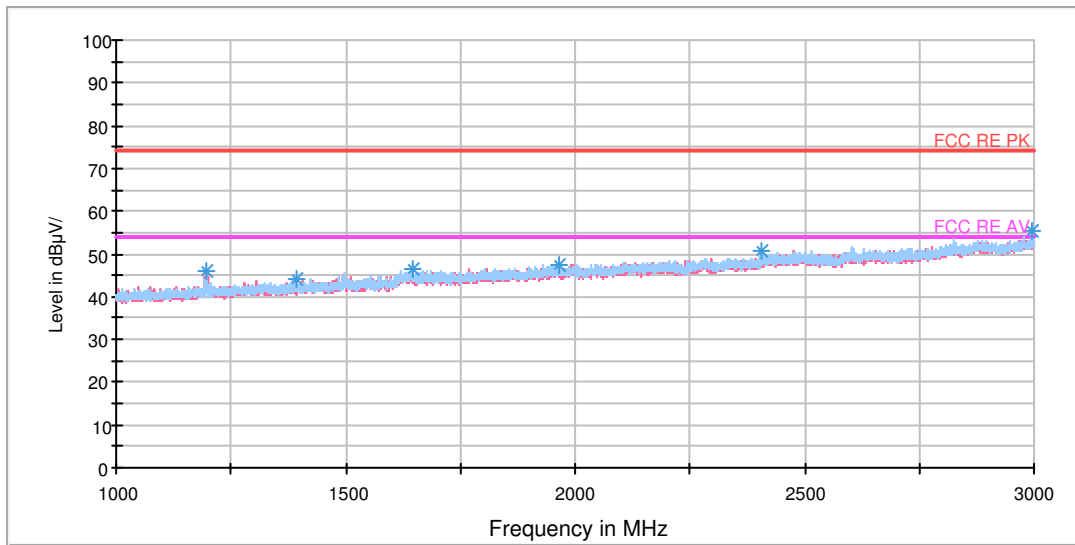


Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
46.252500	11.8	100.0	V	104.0	24.9	13.1	28.2	40.0
63.265000	9.3	100.0	H	187.0	20.5	11.2	30.7	40.0
168.060000	19.1	125.0	H	235.0	29.3	10.2	24.4	43.5
268.782500	14.3	125.0	V	40.0	28.9	14.6	31.7	46.0
390.676250	18.2	100.0	H	269.0	35.9	17.7	27.8	46.0
586.578750	19.7	125.0	H	317.0	41.6	21.9	26.3	46.0

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

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1197.000000	45.9	102.0	V	291.0	54.1	-8.2	28.1	74
1393.250000	44.1	102.0	V	245.0	51.1	-7.0	29.9	74
1648.000000	46.3	102.0	H	275.0	51.3	-5.0	27.7	74
1964.750000	47.6	102.0	H	241.0	50.9	-3.3	26.4	74
2407.500000	50.5	102.0	H	146.0	51.1	-0.6	23.5	74
2994.750000	55.2	102.0	H	327.0	57.5	2.3	18.8	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1195.250000	32.1	102.0	V	135.0	40.3	-8.2	21.9	54
1323.750000	32.4	102.0	H	327.0	39.8	-7.4	21.6	54
1697.500000	34.5	102.0	V	0.0	39.5	-5.0	19.5	54
1995.750000	36.2	102.0	H	177.0	39.5	-3.3	17.8	54
2489.750000	39.2	102.0	H	177.0	39.5	0.3	14.8	54
2994.750000	45.4	102.0	H	327.0	47.7	2.3	8.6	54

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