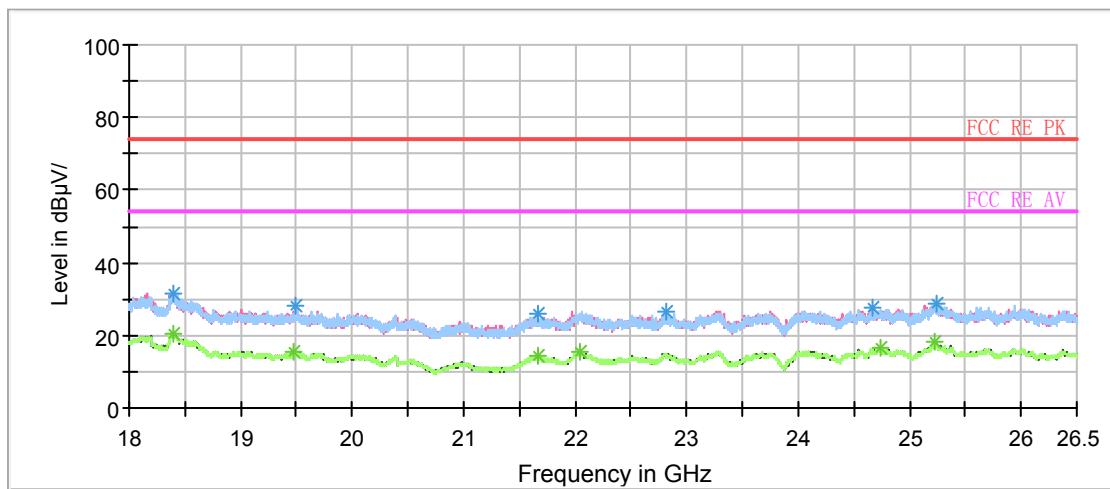




RE 18-26.5GHz PK+AV



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)
18389.937500	30.5	V	90.0	35.4	-4.9	43.5	74
19480.062500	25.2	H	3.0	33.0	-7.8	48.8	74
21658.187500	23.0	H	247.0	32.2	-9.2	51.0	74
22049.187500	25.8	H	57.0	33.9	-8.1	48.2	74
24732.000000	25.7	H	0.0	32.0	-6.3	48.3	74
25220.750000	27.3	V	234.0	33.3	-6.0	46.7	74

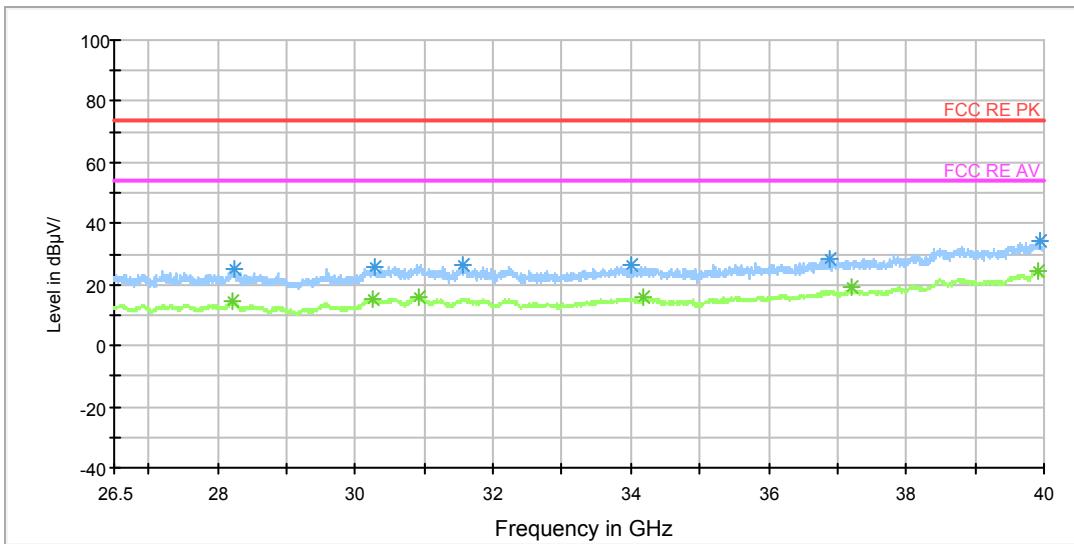
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18389.937500	20.6	V	90.0	25.5	-4.9	33.4	54
19480.062500	15.7	H	3.0	23.5	-7.8	38.3	54
21658.187500	14.1	H	247.0	23.3	-9.2	39.9	54
22049.187500	15.4	H	57.0	23.5	-8.1	38.6	54
24732.000000	16.4	H	0.0	22.7	-6.3	37.6	54
25220.750000	18.1	V	234.0	24.1	-6.0	35.9	54

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



RE 26.5-40GHz PK+AV Class B



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dB μ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
28214.500000	22.1	100.0	V	0.0	43.8	-21.7	51.9	74
30256.375000	23.9	100.0	H	0.0	45.7	-21.8	50.1	74
30911.125000	25.7	100.0	V	0.0	47.0	-21.3	48.3	74
34195.000000	25.0	100.0	H	0.0	46.3	-21.3	49.0	74
37208.875000	26.8	100.0	H	0.0	48.2	-21.4	47.2	74
39902.125000	33.2	100.0	V	0.0	53.6	-20.4	40.8	74

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

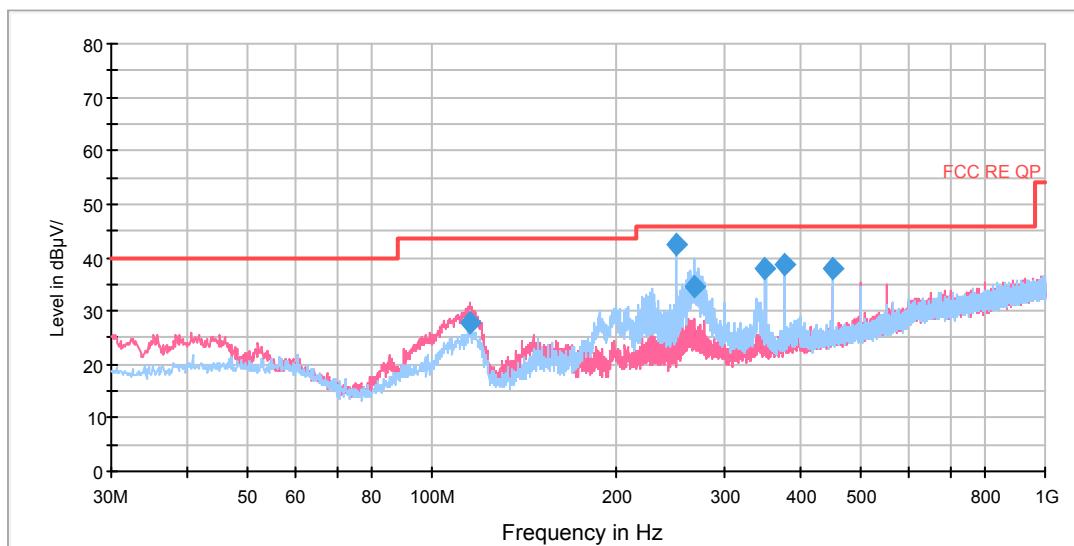
Frequency (MHz)	Average (dB μ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
28214.500000	14.4	100.0	V	0.0	36.1	-21.7	39.6	54
30256.375000	15.1	100.0	H	0.0	36.9	-21.8	38.9	54
30911.125000	16.1	100.0	V	0.0	37.4	-21.3	37.9	54
34195.000000	15.8	100.0	H	0.0	37.1	-21.3	38.2	54
37208.875000	19.1	100.0	H	0.0	40.5	-21.4	34.9	54
39902.125000	24.6	100.0	V	0.0	45.0	-20.4	29.4	54

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



802.11ac HT80 CH42

RE 0.03-1GHz QP Class B



Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dB μ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
115.441250	27.9	100.0	V	334.0	39.3	11.4	15.6	43.5
250.027500	42.6	125.0	H	29.0	56.7	14.1	3.4	46.0
267.688750	34.4	114.0	H	244.0	49.0	14.6	11.6	46.0
349.978750	38.1	100.0	H	54.0	54.8	16.7	7.9	46.0
374.996250	38.8	100.0	H	189.0	56.2	17.4	7.2	46.0
450.010000	38.0	100.0	H	223.0	57.0	19.0	8.0	46.0

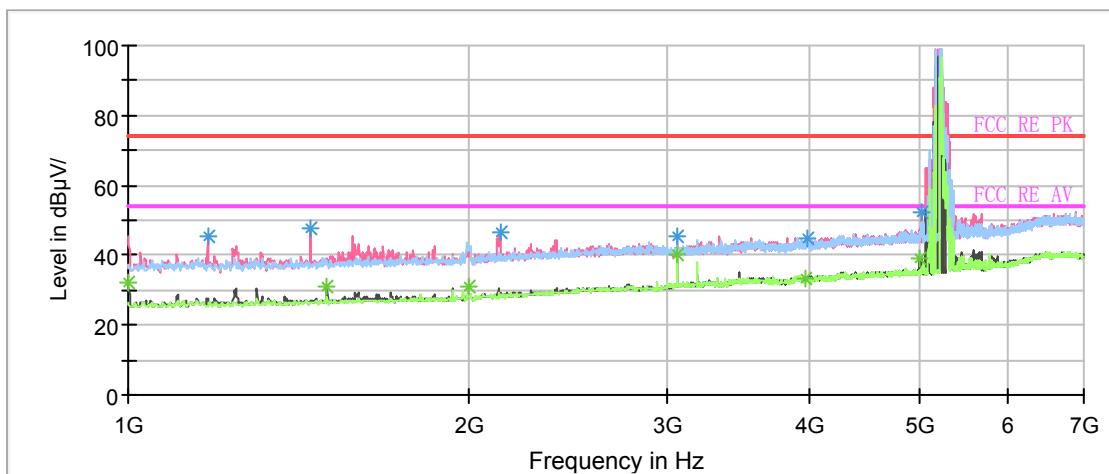
Remark: 1. Quasi-Peak = Reading value + Correction factor

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

3. Margin = Limit – Quasi-Peak



Copy of RE 1G-7GHz PK+AV Class A



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 7GHz

Frequency (MHz)	Peak (dB μ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
1175.500000	45.6	100.0	V	298.0	56.3	-10.7	28.4	74
1450.000000	47.7	100.0	V	359.0	57.4	-9.7	26.3	74
2132.500000	46.3	100.0	V	330.0	53.2	-6.9	27.7	74
3062.500000	45.7	100.0	H	27.0	49.4	-3.7	28.3	74
3989.500000	44.6	100.0	H	284.0	46.7	-2.1	29.4	74
5023.000000	52.6	100.0	V	170.0	52.9	-0.3	21.4	74

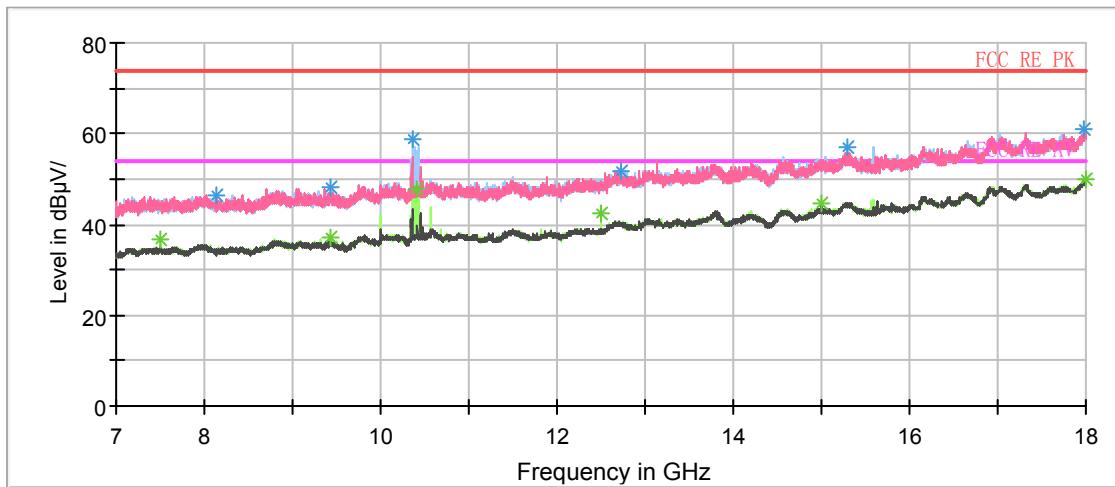
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dB μ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
1000.000000	32.3	100.0	V	180.0	43.7	-11.4	21.7	54
1499.500000	31.3	100.0	V	263.0	40.8	-9.5	22.7	54
1999.000000	31.1	100.0	V	273.0	38.9	-7.8	22.9	54
3062.500000	40.4	100.0	H	27.0	44.1	-3.7	13.6	54
3964.000000	33.3	100.0	V	358.0	35.4	-2.1	20.7	54
5012.500000	39.3	100.0	V	170.0	39.6	-0.3	14.7	54

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



RE 3-18GHz PK+AV



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)
8145.375000	46.5	102.0	V	0.0	55.5	9.0	27.5	74
9442.000000	48.0	102.0	H	202.0	58.9	10.9	26.0	74
10359.125000	58.7	102.0	H	105.0	70.2	11.5	15.3	74
12737.875000	51.9	102.0	H	271.0	67.0	15.1	22.1	74
15300.875000	57.0	102.0	H	75.0	76.6	19.6	17.0	74
17982.125000	60.8	102.0	H	187.0	86.0	25.2	13.2	74

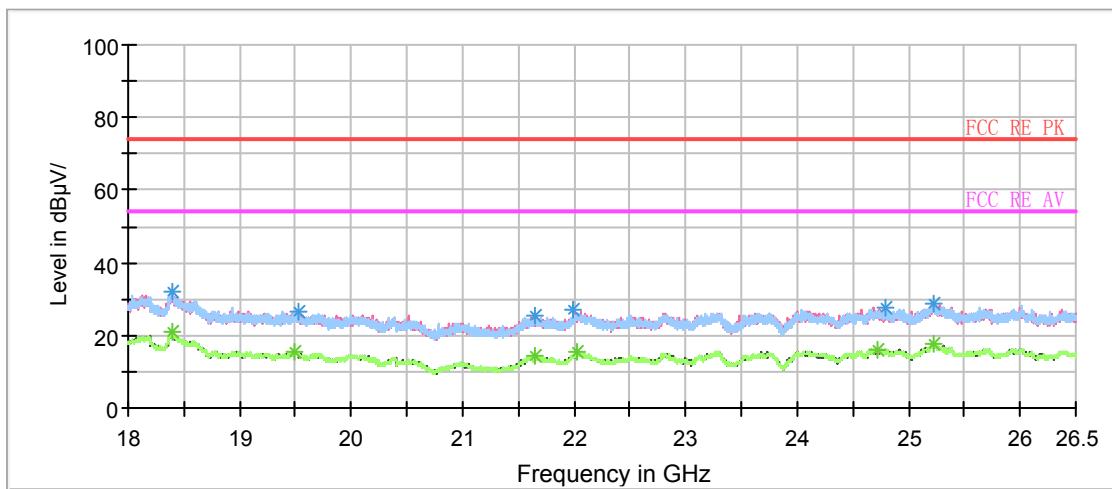
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
7499.125000	36.9	102.0	H	244.0	44.6	7.7	17.1	54
9436.500000	37.1	102.0	H	148.0	48.0	10.9	16.9	54
10418.250000	47.6	102.0	H	286.0	59.7	12.1	6.4	54
12500.000000	42.3	102.0	H	148.0	57.5	15.2	11.7	54
14999.750000	44.8	102.0	V	31.0	64.3	19.5	9.2	54
18000.000000	50.1	102.0	V	174.0	75.5	25.4	3.9	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 (dB μ V/m)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
18395.250000	31.8	V	173.0	36.7	-4.9	42.2	74
19489.625000	25.0	H	36.0	32.6	-7.6	49.0	74
21651.812500	22.9	V	332.0	32.1	-9.2	51.1	74
22031.125000	25.1	V	0.0	33.1	-8.0	48.9	74
24729.875000	25.6	H	3.0	31.8	-6.2	48.4	74
25226.062500	27.3	H	313.0	33.2	-5.9	46.7	74

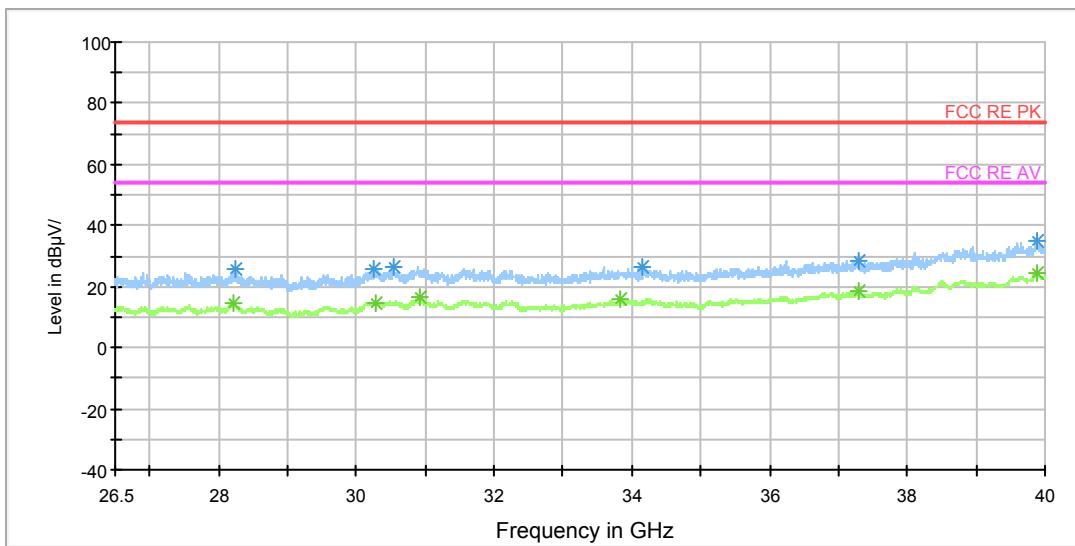
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dB μ V/m)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
18395.250000	20.8	V	173.0	25.7	-4.9	33.2	54
19489.625000	15.6	H	36.0	23.2	-7.6	38.4	54
21651.812500	14.2	V	332.0	23.4	-9.2	39.8	54
22031.125000	15.5	V	0.0	23.5	-8.0	38.5	54
24729.875000	16.2	H	3.0	22.4	-6.2	37.8	54
25226.062500	17.8	H	313.0	23.7	-5.9	36.2	54

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



RE 26.5-40GHz PK+AV Class B



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28217.875000	22.7	100.0	H	0.0	44.4	-21.7	51.3	74
30280.000000	22.8	100.0	V	0.0	44.5	-21.7	51.2	74
30931.375000	23.3	100.0	H	0.0	44.5	-21.2	50.7	74
33837.250000	23.5	100.0	H	0.0	45.1	-21.6	50.5	74
37283.125000	26.8	100.0	H	0.0	48.2	-21.4	47.2	74
39885.250000	33.3	100.0	H	0.0	53.7	-20.4	40.7	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)
28217.875000	14.3	100.0	H	0.0	36.0	-21.7	39.7	54
30280.000000	14.8	100.0	V	0.0	36.5	-21.7	39.2	54
30931.375000	16.2	100.0	H	0.0	37.4	-21.2	37.8	54
33837.250000	15.8	100.0	H	0.0	37.4	-21.6	38.2	54
37283.125000	18.2	100.0	H	0.0	39.6	-21.4	35.8	54
39885.250000	24.6	100.0	H	0.0	45.0	-20.4	29.4	54

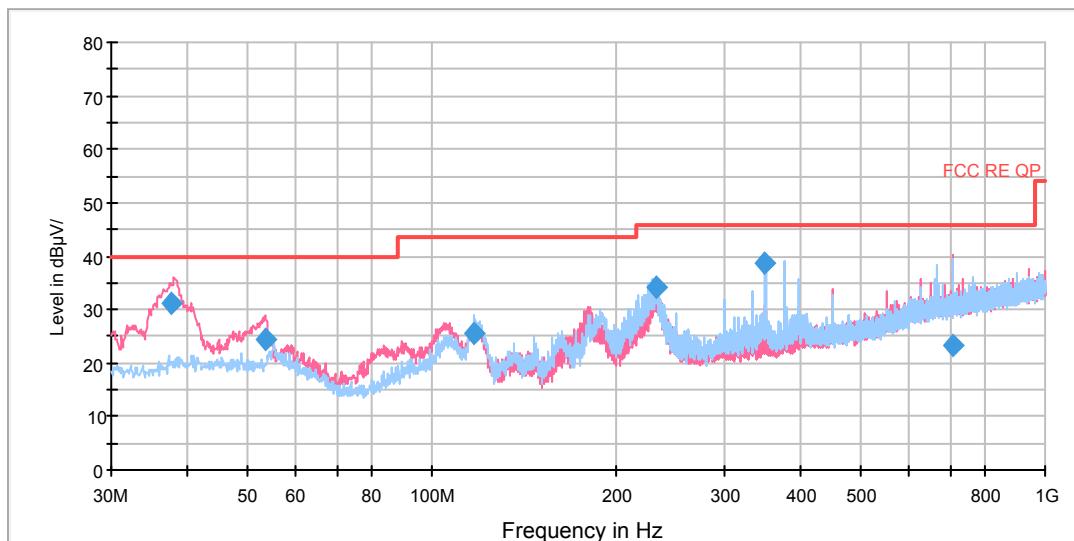
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



U-NII-3

802.11a CH149

RE 0.03-1GHz QP Class B



Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dB μ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
37.722500	31.3	100.0	V	54.0	43.9	12.6	8.7	40.0
53.366250	24.3	100.0	V	237.0	37.1	12.8	15.7	40.0
117.416250	25.6	125.0	H	70.0	36.6	11.0	17.9	43.5
231.645000	34.2	125.0	H	296.0	47.5	13.3	11.8	46.0
349.978750	38.9	100.0	H	128.0	55.6	16.7	7.1	46.0
709.245000	23.3	100.0	V	263.0	46.3	23.0	22.7	46.0

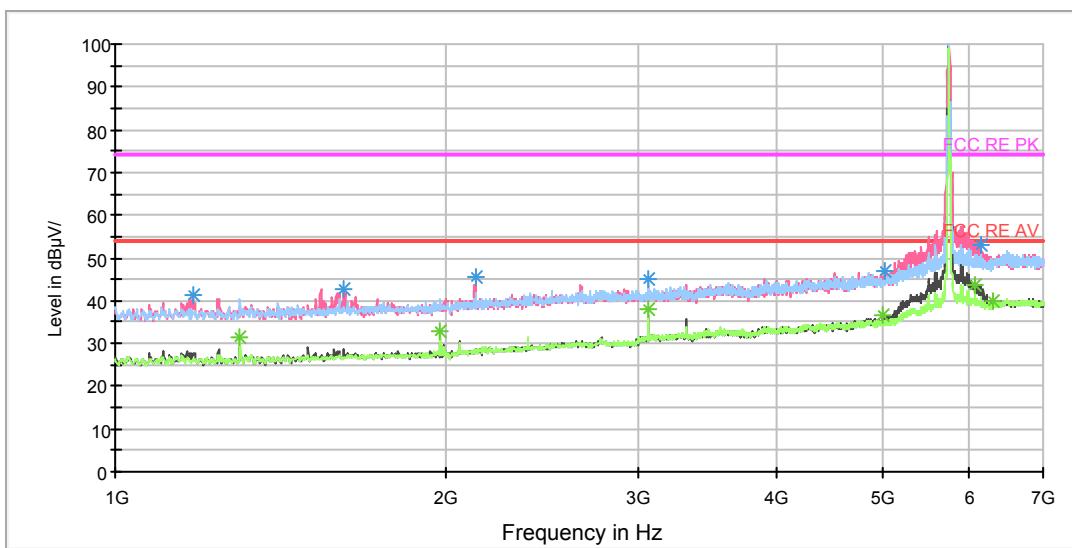
Remark: 1. Quasi-Peak = Reading value + Correction factor

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

3. Margin = Limit – Quasi-Peak



Copy of RE 1G-7GHz PK+AV Class A



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 7GHz

Frequency (MHz)	Peak (dB μ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
1177.000000	41.4	100.0	V	182.0	52.1	-10.7	32.6	74
1616.500000	42.7	100.0	V	0.0	51.6	-8.9	31.3	74
2132.500000	45.4	100.0	V	341.0	52.3	-6.9	28.6	74
3062.500000	45.1	100.0	H	26.0	48.8	-3.7	28.9	74
5024.500000	47.0	100.0	V	141.0	47.3	-0.3	27.0	74
6145.000000	52.9	100.0	V	131.0	56.4	3.5	21.1	74

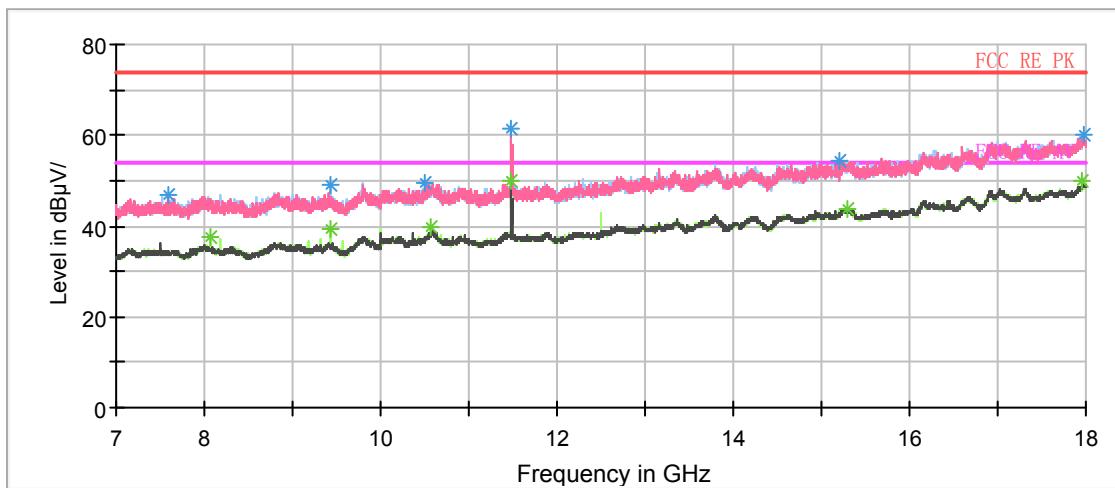
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dB μ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
1300.000000	31.4	100.0	H	0.0	41.5	-10.1	22.6	54
1979.500000	33.1	100.0	H	5.0	41.0	-7.9	20.9	54
3062.500000	38.1	100.0	H	26.0	41.8	-3.7	15.9	54
5000.500000	36.4	100.0	V	347.0	36.7	-0.3	17.6	54
6071.500000	43.5	100.0	V	131.0	46.7	3.2	10.5	54
6313.000000	39.7	100.0	V	253.0	44.2	4.5	14.3	54

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



RE 3-18GHz PK+AV



Radiates Emission from 7GHz to 18GHz

Frequency (MHz)	Peak (dB μ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	MARGIN (dB)	Limit (dB μ V/m)
8061.500000	46.2	101.0	H	29.0	54.9	8.7	27.8	74
9436.500000	48.9	101.0	H	60.0	59.8	10.9	25.1	74
10562.625000	48.4	101.0	H	76.0	61.7	13.3	25.6	74
11483.875000	60.2	101.0	V	84.0	74.0	13.8	13.8	74
15302.250000	52.9	101.0	H	180.0	72.5	19.6	21.1	74
17956.000000	57.9	101.0	H	163.0	82.8	24.9	16.1	74

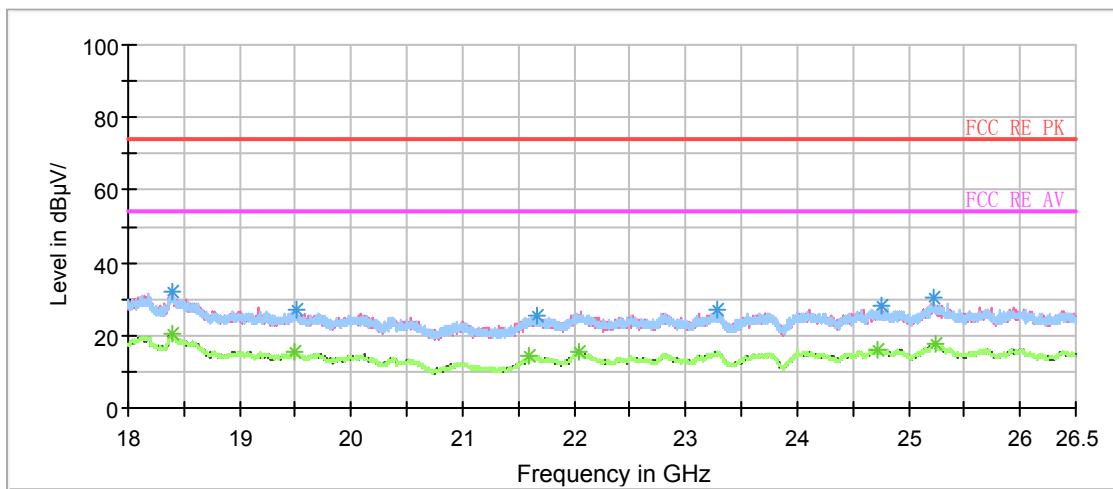
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dB μ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	MARGIN (dB)	Limit (dB μ V/m)
8061.500000	37.7	101.0	H	29.0	46.4	8.7	16.3	54
9436.500000	39.3	101.0	H	60.0	50.2	10.9	14.7	54
10562.625000	40.0	101.0	H	76.0	53.3	13.3	14.0	54
11483.875000	50.0	101.0	V	84.0	63.8	13.8	4.0	54
15302.250000	43.9	101.0	H	180.0	63.5	19.6	10.1	54
17956.000000	49.8	101.0	H	163.0	74.7	24.9	4.2	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 (dB μ V/m)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
18387.812500	30.4	V	299.0	35.3	-4.9	43.6	74
19488.562500	25.1	H	13.0	32.8	-7.7	48.9	74
21597.625000	23.4	H	45.0	32.1	-8.7	50.6	74
22044.937500	25.1	H	247.0	33.1	-8.0	48.9	74
24724.562500	26.0	V	134.0	32.2	-6.2	48.0	74
25236.687500	27.0	H	0.0	33.1	-6.1	47.0	74

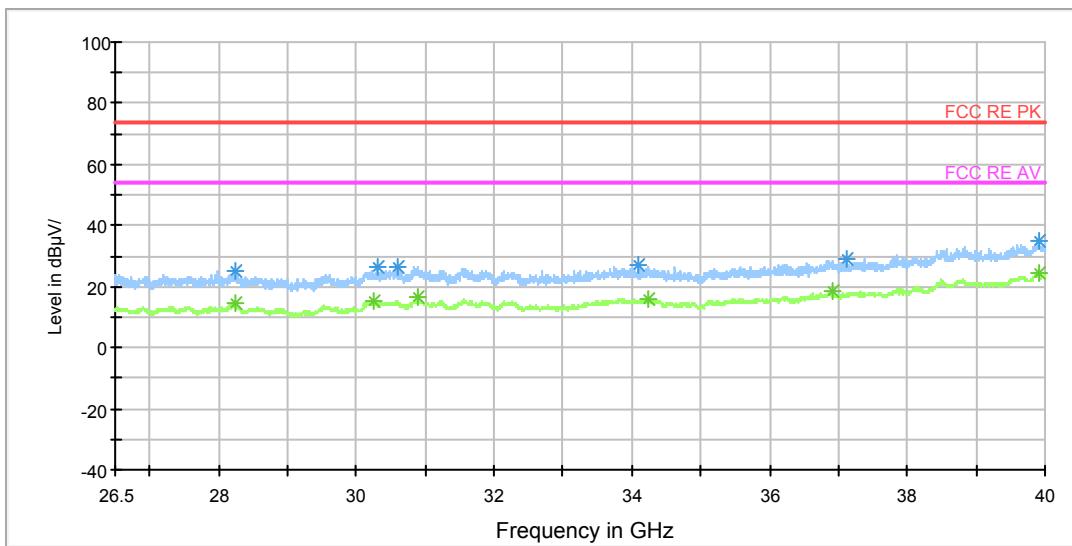
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dB μ V/m)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
18387.812500	20.4	V	299.0	25.3	-4.9	33.6	54
19488.562500	15.6	H	13.0	23.3	-7.7	38.4	54
21597.625000	14.3	H	45.0	23.0	-8.7	39.7	54
22044.937500	15.5	H	247.0	23.5	-8.0	38.5	54
24724.562500	16.3	V	134.0	22.5	-6.2	37.7	54
25236.687500	17.9	H	0.0	24.0	-6.1	36.1	54

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



RE 26.5-40GHz PK+AV Class B



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dB μ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
28241.500000	22.0	100.0	V	0.0	43.7	-21.7	52.0	74
30266.500000	23.8	100.0	H	0.0	45.6	-21.8	50.2	74
30897.625000	24.0	100.0	H	0.0	45.3	-21.3	50.0	74
34238.875000	25.6	100.0	V	0.0	46.9	-21.3	48.4	74
36905.125000	25.8	100.0	V	0.0	47.2	-21.4	48.2	74
39902.125000	32.1	100.0	H	0.0	52.5	-20.4	41.9	74

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

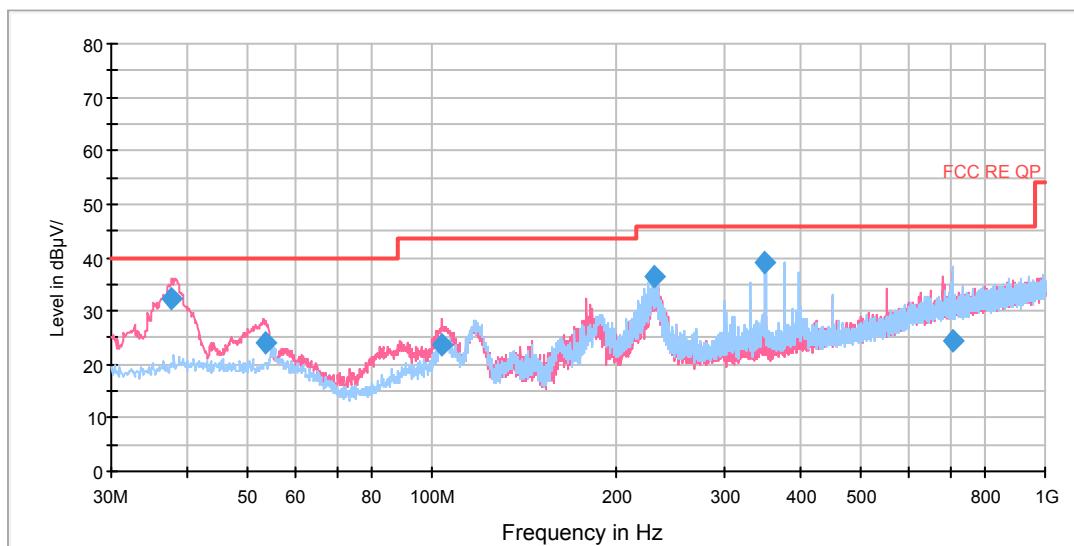
Frequency (MHz)	Average (dB μ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
28241.500000	14.4	100.0	V	0.0	36.1	-21.7	39.6	54
30266.500000	14.9	100.0	H	0.0	36.7	-21.8	39.1	54
30897.625000	16.5	100.0	H	0.0	37.8	-21.3	37.5	54
34238.875000	16.2	100.0	V	0.0	37.5	-21.3	37.8	54
36905.125000	18.5	100.0	V	0.0	39.9	-21.4	35.5	54
39902.125000	24.3	100.0	H	0.0	44.7	-20.4	29.7	54

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



802.11a CH157

RE 0.03-1GHz QP Class B



Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
37.638750	32.4	100.0	V	230.0	45.0	12.6	7.6	40.0
53.528750	23.9	100.0	V	214.0	36.7	12.8	16.1	40.0
104.002500	23.8	100.0	V	97.0	36.7	12.9	19.7	43.5
230.512500	36.5	100.0	H	291.0	49.8	13.3	9.5	46.0
349.978750	38.9	100.0	H	124.0	55.6	16.7	7.1	46.0
709.045000	24.6	114.0	H	0.0	47.6	23.0	21.4	46.0

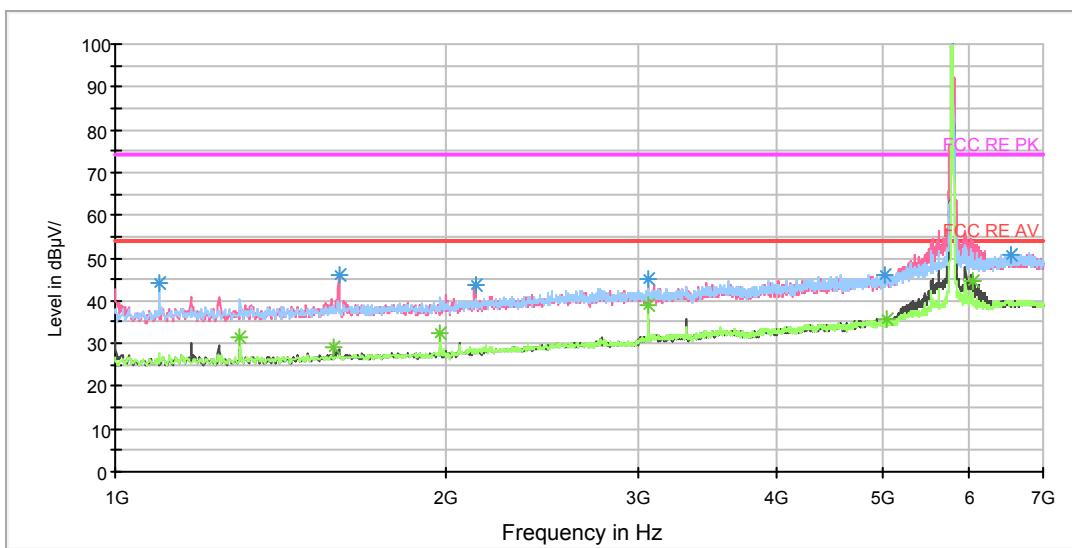
Remark: 1. Quasi-Peak = Reading value + Correction factor

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

3. Margin = Limit – Quasi-Peak



Copy of RE 1G-7GHz PK+AV Class A



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 7GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1097.500000	44.2	100.0	H	196.0	55.2	-11.0	29.8	74
1598.500000	45.9	100.0	V	181.0	54.9	-9.0	28.1	74
2128.000000	43.6	100.0	V	344.0	50.6	-7.0	30.4	74
3062.500000	45.1	100.0	H	24.0	48.8	-3.7	28.9	74
5021.500000	46.2	100.0	H	24.0	46.5	-0.3	27.8	74
6551.500000	50.7	100.0	V	181.0	56.0	5.3	23.3	74

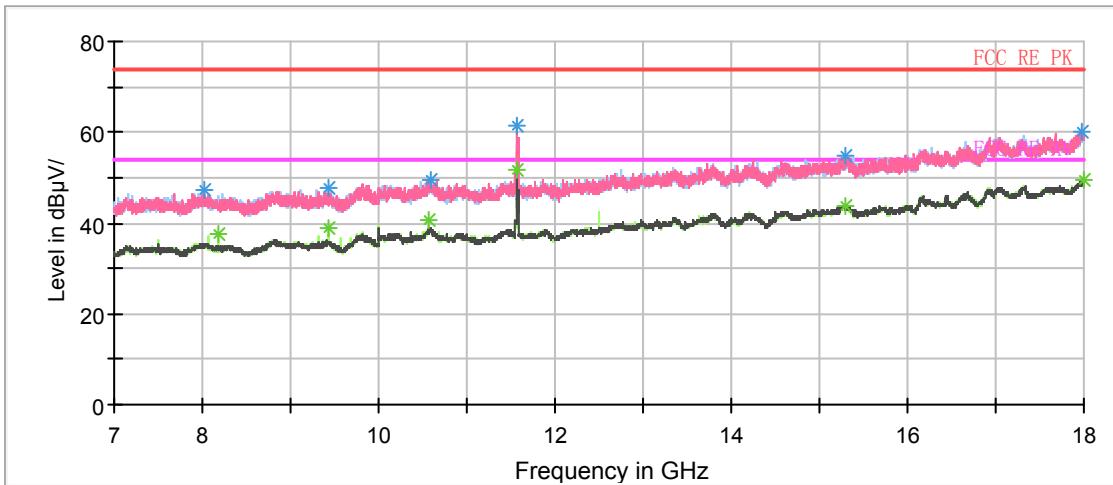
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1300.000000	31.3	100.0	H	0.0	41.4	-10.1	22.7	54
1583.500000	29.0	100.0	V	0.0	38.0	-9.0	25.0	54
1979.500000	32.3	100.0	H	0.0	40.2	-7.9	21.7	54
3062.500000	39.0	100.0	H	24.0	42.7	-3.7	15.0	54
5033.500000	35.7	100.0	V	0.0	36.0	-0.3	18.3	54
6041.500000	44.5	100.0	V	131.0	47.5	3.0	9.5	54

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



RE 3-18GHz PK+AV



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)
8186.625000	45.9	101.0	H	27.0	55.1	9.2	28.1	74
9436.500000	47.8	101.0	H	58.0	58.7	10.9	26.2	74
10562.625000	48.4	101.0	H	27.0	61.7	13.3	25.6	74
11565.000000	61.3	101.0	V	93.0	75.2	13.9	12.7	74
15302.250000	52.8	101.0	H	74.0	72.4	19.6	21.2	74
17998.625000	58.4	101.0	V	20.0	83.8	25.4	15.6	74

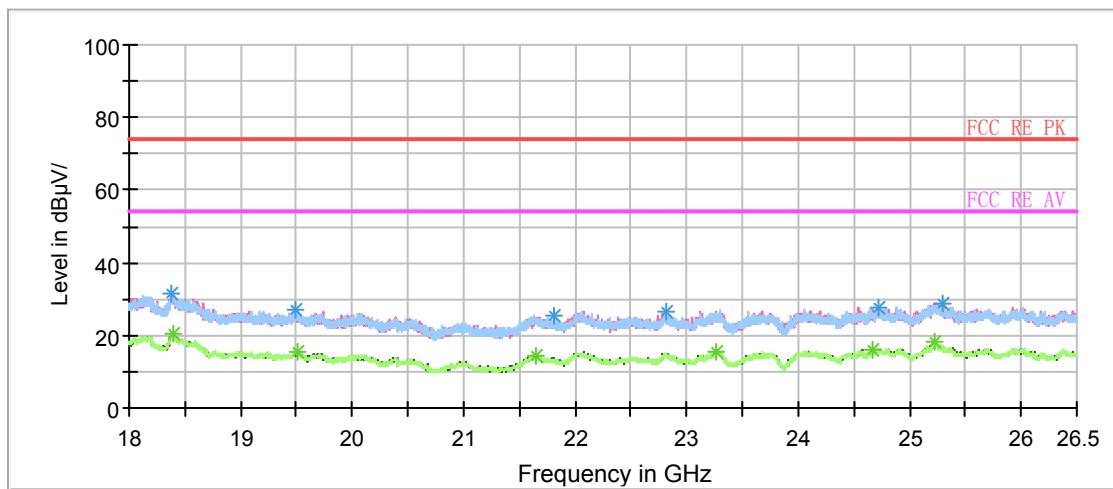
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	MARGIN (dB)	Limit (dBuV/m)
8186.625000	37.5	101.0	H	27.0	46.7	9.2	16.5	54
9436.500000	39.1	101.0	H	58.0	50.0	10.9	14.9	54
10562.625000	40.6	101.0	H	27.0	53.9	13.3	13.4	54
11565.000000	51.5	101.0	V	93.0	65.4	13.9	2.5	54
15302.250000	44.0	101.0	H	74.0	63.6	19.6	10.0	54
17998.625000	49.5	101.0	V	20.0	74.9	25.4	4.5	54

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



RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

Frequency (MHz)	Peak (dB μ V/m)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
18395.250000	30.2	H	104.0	35.1	-4.9	43.8	74
19506.625000	24.3	V	265.0	31.8	-7.5	49.7	74
21641.187500	24.9	V	239.0	34.0	-9.1	49.1	74
23263.625000	24.8	H	113.0	32.1	-7.3	49.2	74
24658.687500	25.9	H	138.0	32.9	-7.0	48.1	74
25232.437500	27.3	H	71.0	33.2	-5.9	46.7	74

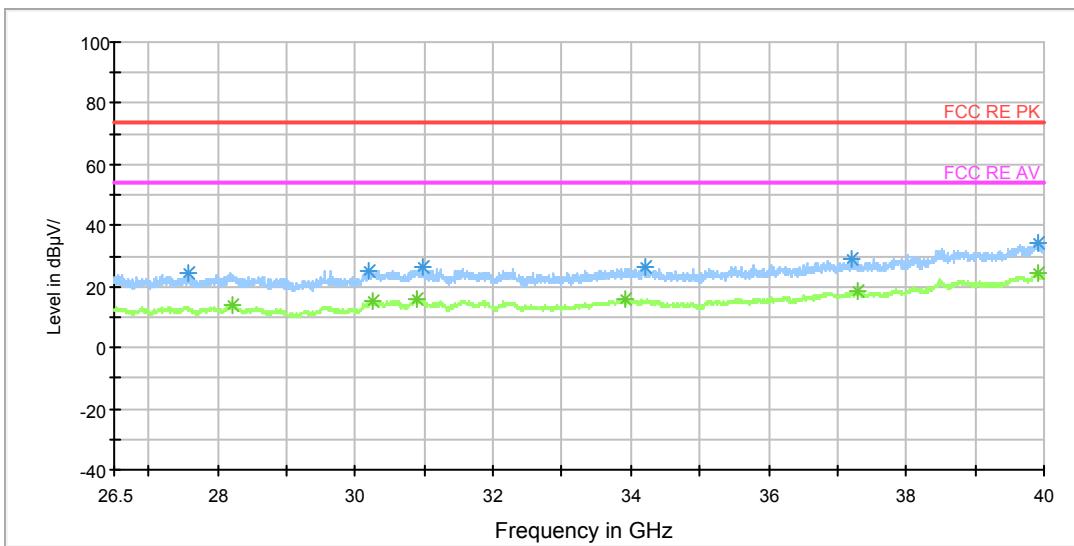
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dB μ V/m)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
18395.250000	20.4	H	104.0	25.3	-4.9	33.6	54
19506.625000	15.7	V	265.0	23.2	-7.5	38.3	54
21641.187500	14.4	V	239.0	23.5	-9.1	39.6	54
23263.625000	15.5	H	113.0	22.8	-7.3	38.5	54
24658.687500	16.1	H	138.0	23.1	-7.0	37.9	54
25232.437500	18.3	H	71.0	24.2	-5.9	35.7	54

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



RE 26.5-40GHz PK+AV Class B



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28211.125000	22.0	100.0	V	0.0	43.7	-21.7	52.0	74
30256.375000	23.7	100.0	V	0.0	45.5	-21.8	50.3	74
30897.625000	24.9	100.0	H	0.0	46.2	-21.3	49.1	74
33918.250000	24.4	100.0	V	0.0	45.9	-21.5	49.6	74
37300.000000	27.9	100.0	H	0.0	49.3	-21.4	46.1	74
39908.875000	33.4	100.0	V	0.0	53.8	-20.4	40.6	74

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

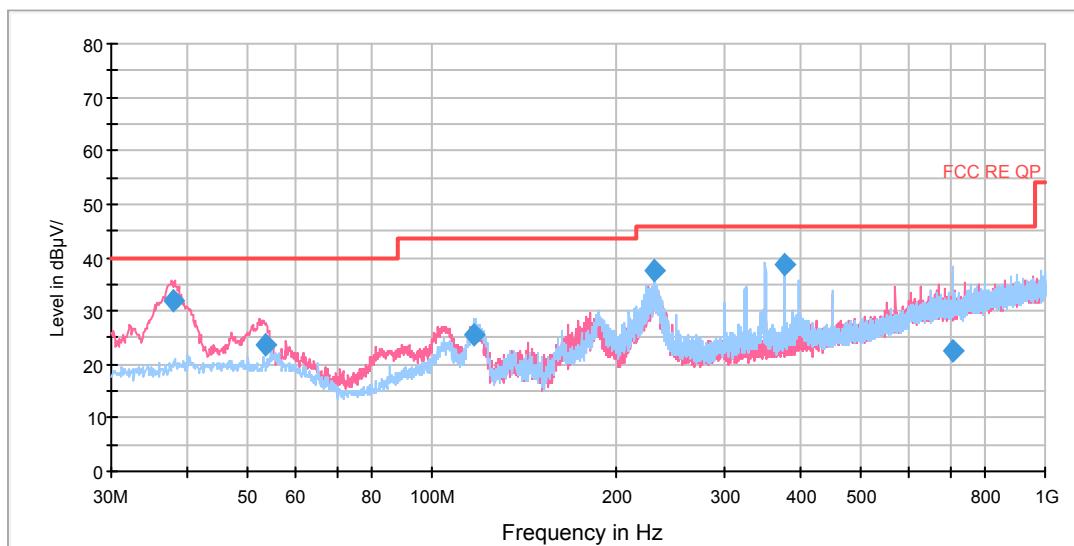
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28211.125000	14.2	100.0	V	0.0	35.9	-21.7	39.8	54
30256.375000	15.5	100.0	V	0.0	37.3	-21.8	38.5	54
30897.625000	15.9	100.0	H	0.0	37.2	-21.3	38.1	54
33918.250000	16.0	100.0	V	0.0	37.5	-21.5	38.0	54
37300.000000	18.5	100.0	H	0.0	39.9	-21.4	35.5	54
39908.875000	24.7	100.0	V	0.0	45.1	-20.4	29.3	54

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



802.11a CH165

RE 0.03-1GHz QP Class B



Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
37.798750	31.8	100.0	V	148.0	44.4	12.6	8.2	40.0
53.407500	23.8	100.0	V	312.0	36.6	12.8	16.2	40.0
117.263750	25.5	125.0	H	260.0	36.5	11.0	18.0	43.5
229.906250	37.5	125.0	H	295.0	50.7	13.2	8.5	46.0
374.996250	38.8	100.0	H	135.0	56.2	17.4	7.2	46.0
709.040000	22.5	114.0	H	28.0	45.5	23.0	23.5	46.0

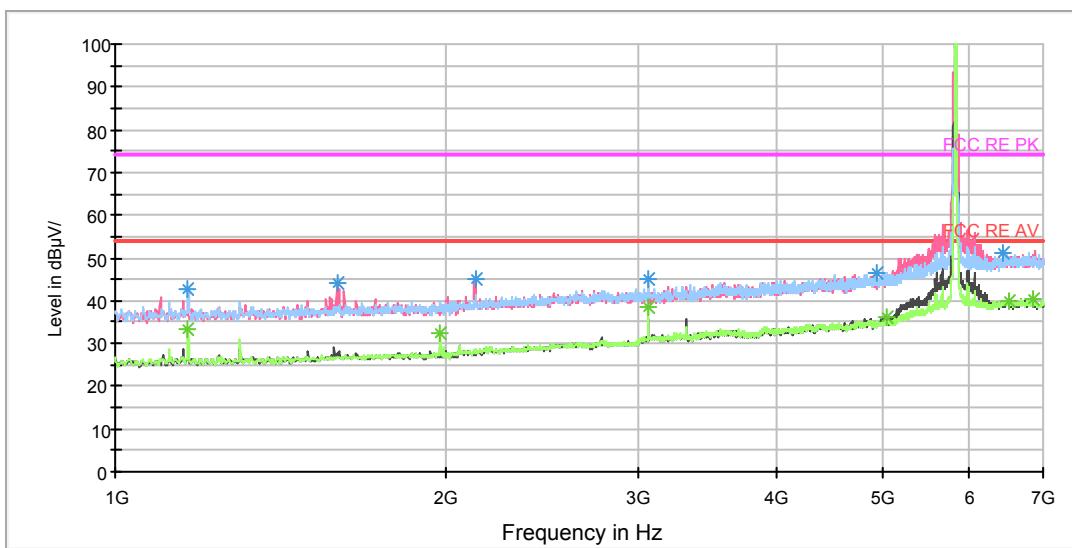
Remark: 1. Quasi-Peak = Reading value + Correction factor

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

3. Margin = Limit – Quasi-Peak



Copy of RE 1G-7GHz PK+AV Class A



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 7GHz

Frequency (MHz)	Peak (dB μ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
1165.000000	42.8	100.0	H	176.0	53.6	-10.8	31.2	74
1592.500000	44.3	100.0	V	56.0	53.3	-9.0	29.7	74
2131.000000	44.8	100.0	V	97.0	51.7	-6.9	29.2	74
3062.500000	45.0	100.0	H	24.0	48.7	-3.7	29.0	74
4936.000000	46.5	100.0	V	306.0	46.9	-0.4	27.5	74
6427.000000	50.9	100.0	H	83.0	56.0	5.1	23.1	74

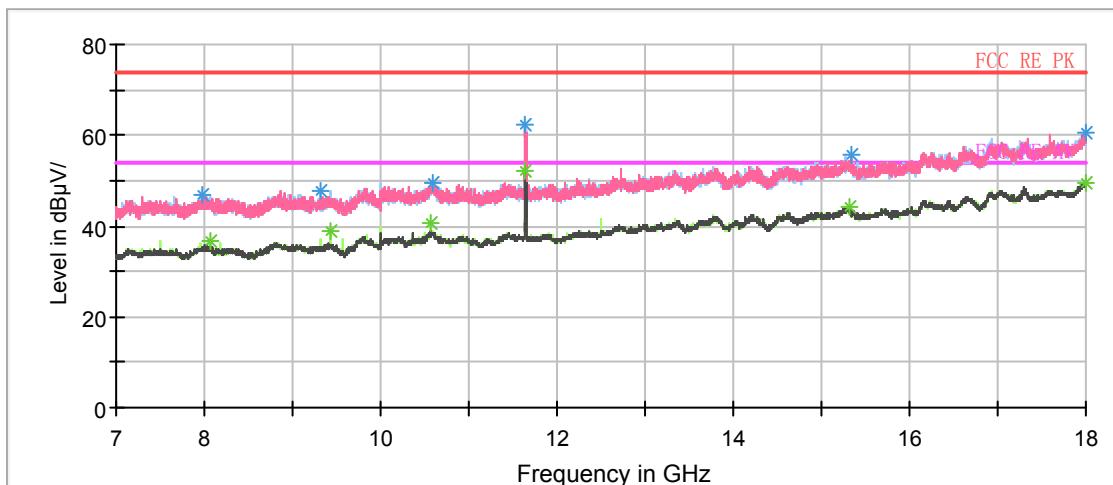
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dB μ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
1165.000000	33.5	100.0	H	176.0	44.3	-10.8	20.5	54
1979.500000	32.4	100.0	H	0.0	40.3	-7.9	21.6	54
3062.500000	38.4	100.0	H	24.0	42.1	-3.7	15.6	54
5039.500000	36.0	100.0	V	296.0	36.3	-0.3	18.0	54
6530.500000	39.8	100.0	V	0.0	45.1	5.3	14.2	54
6862.000000	40.1	100.0	V	0.0	45.1	5.0	13.9	54

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



RE 3-18GHz PK+AV



Radiates Emission from 7GHz to 18GHz

Frequency (MHz)	Peak (dB μ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
8061.500000	45.7	101.0	H	89.0	54.4	8.7	28.3	74
9436.500000	47.5	101.0	H	57.0	58.4	10.9	26.5	74
10562.625000	48.1	101.0	H	27.0	61.4	13.3	25.9	74
11643.375000	61.1	101.0	V	93.0	74.7	13.6	12.9	74
15316.000000	54.2	101.0	H	11.0	73.7	19.5	19.8	74
18000.000000	58.0	101.0	H	173.0	83.4	25.4	16.0	74

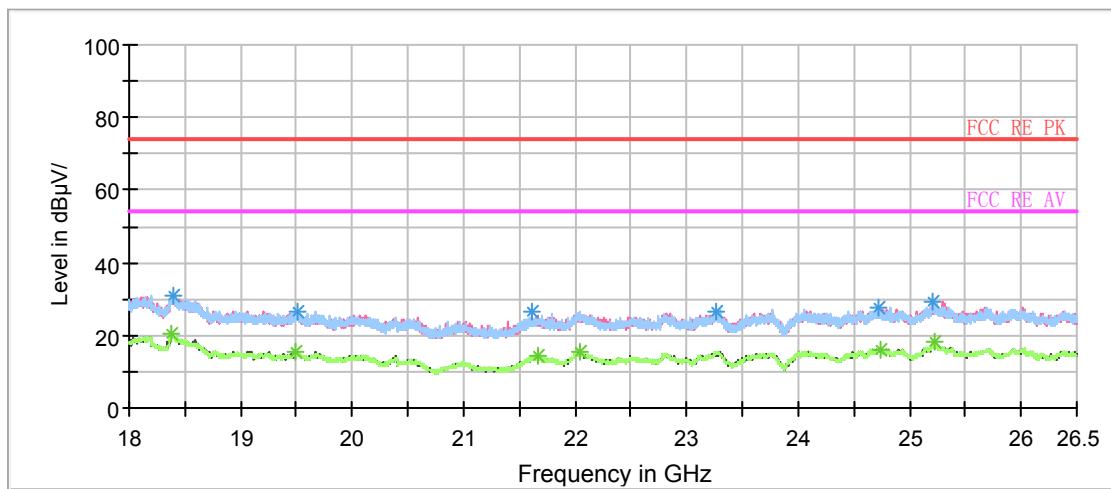
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dB μ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
8061.500000	36.7	101.0	H	89.0	45.4	8.7	17.3	54
9436.500000	39.0	101.0	H	57.0	49.9	10.9	15.0	54
10562.625000	40.6	101.0	H	27.0	53.9	13.3	13.4	54
11643.375000	52.0	101.0	V	93.0	65.6	13.6	2.0	54
15316.000000	44.0	101.0	H	11.0	63.5	19.5	10.0	54
18000.000000	49.7	101.0	H	173.0	75.1	25.4	4.3	54

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



RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

Frequency (MHz)	Peak (dB μ V/m)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
18368.687500	29.8	V	0.0	34.6	-4.8	44.2	74
19499.187500	24.8	V	63.0	32.3	-7.5	49.2	74
21659.250000	23.8	V	0.0	33.0	-9.2	50.2	74
22049.187500	24.5	V	140.0	32.6	-8.1	49.5	74
24733.062500	25.4	V	132.0	31.7	-6.3	48.6	74
25230.312500	27.0	H	5.0	32.9	-5.9	47.0	74

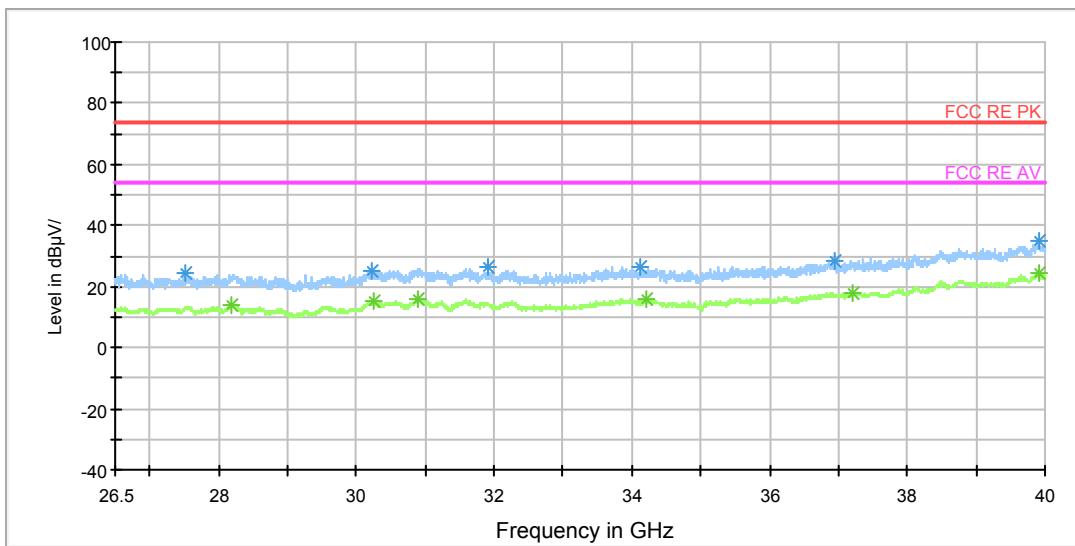
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dB μ V/m)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
18368.687500	20.2	V	0.0	25.0	-4.8	33.8	54
19499.187500	15.6	V	63.0	23.1	-7.5	38.4	54
21659.250000	14.4	V	0.0	23.6	-9.2	39.6	54
22049.187500	15.6	V	140.0	23.7	-8.1	38.4	54
24733.062500	16.3	V	132.0	22.6	-6.3	37.7	54
25230.312500	18.0	H	5.0	23.9	-5.9	36.0	54

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



RE 26.5-40GHz PK+AV Class B



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28180.750000	21.5	100.0	V	0.0	43.1	-21.6	52.5	74
30249.625000	23.1	100.0	H	0.0	44.9	-21.8	50.9	74
30884.125000	25.8	100.0	V	0.0	47.1	-21.3	48.2	74
34211.875000	24.4	100.0	H	0.0	45.7	-21.3	49.6	74
37215.625000	26.2	100.0	V	0.0	47.6	-21.4	47.8	74
39898.750000	31.7	100.0	V	0.0	52.1	-20.4	42.3	74

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

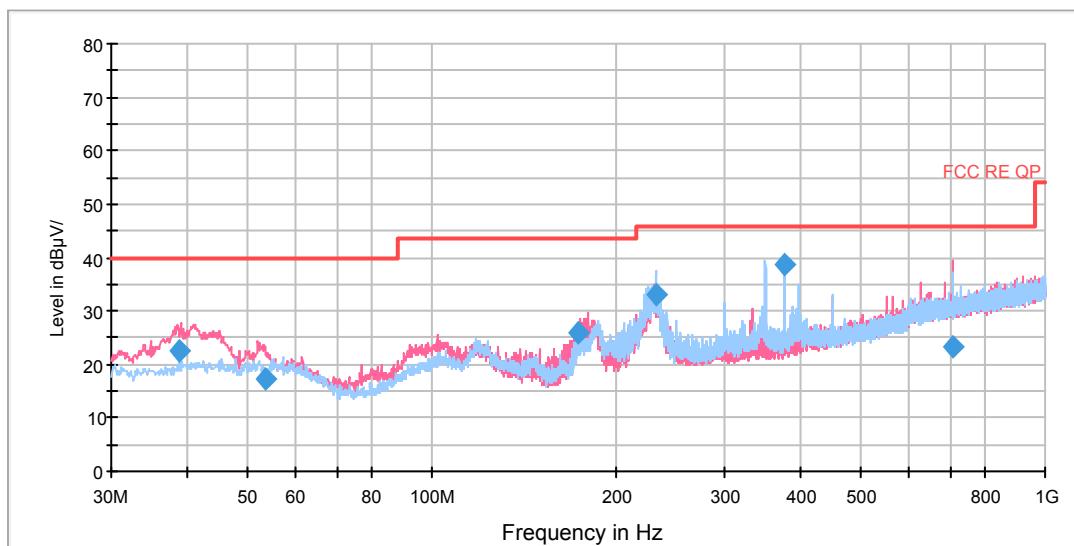
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28180.750000	13.9	100.0	V	0.0	35.5	-21.6	40.1	54
30249.625000	15.2	100.0	H	0.0	37.0	-21.8	38.8	54
30884.125000	16.0	100.0	V	0.0	37.3	-21.3	38.0	54
34211.875000	16.0	100.0	H	0.0	37.3	-21.3	38.0	54
37215.625000	18.1	100.0	V	0.0	39.5	-21.4	35.9	54
39898.750000	24.6	100.0	V	0.0	45.0	-20.4	29.4	54

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



802.11n HT20 CH149

RE 0.03-1GHz QP Class B



Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
38.772500	22.5	100.0	V	178.0	35.4	12.9	17.5	40.0
53.447500	17.3	100.0	V	80.0	30.1	12.8	22.7	40.0
173.675000	26.0	100.0	V	316.0	36.5	10.5	17.5	43.5
231.557500	32.9	114.0	H	54.0	46.2	13.3	13.1	46.0
374.996250	38.8	100.0	H	135.0	56.2	17.4	7.2	46.0
708.998750	23.2	125.0	V	290.0	46.2	23.0	22.8	46.0

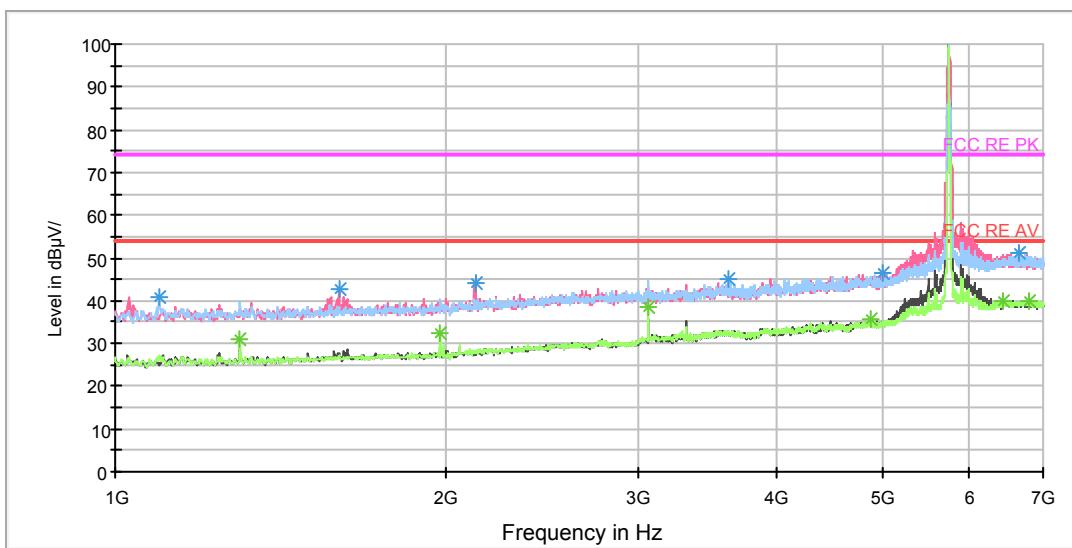
Remark: 1. Quasi-Peak = Reading value + Correction factor

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

3. Margin = Limit – Quasi-Peak



Copy of RE 1G-7GHz PK+AV Class A



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 7GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1096.000000	41.1	100.0	H	205.0	52.1	-11.0	32.9	74
1598.500000	42.5	100.0	V	36.0	51.5	-9.0	31.5	74
2129.500000	44.3	100.0	V	0.0	51.2	-6.9	29.7	74
3619.000000	45.1	100.0	H	205.0	47.7	-2.6	28.9	74
4999.000000	46.5	100.0	H	195.0	46.8	-0.3	27.5	74
6656.500000	51.0	100.0	H	5.0	56.0	5.0	23.0	74

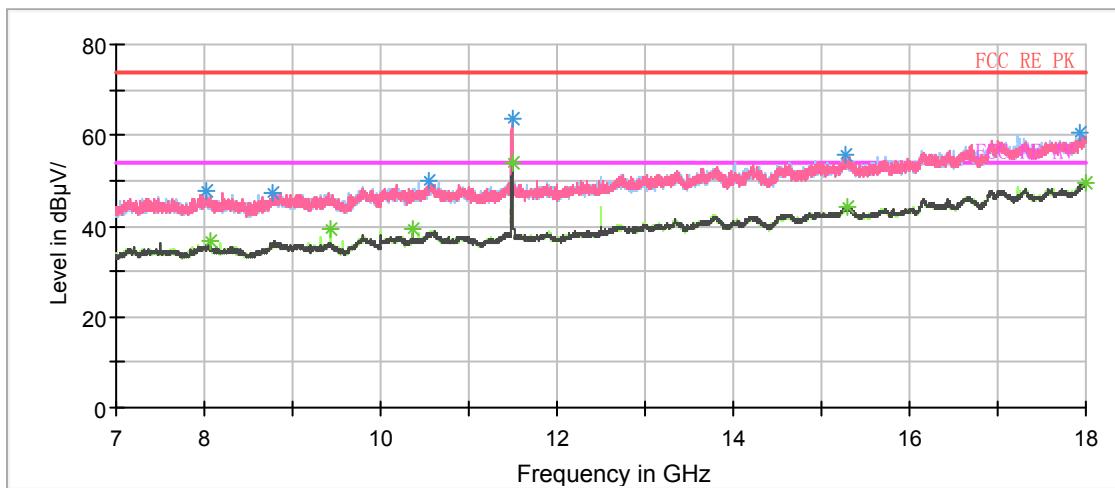
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1300.000000	31.0	100.0	H	0.0	41.1	-10.1	23.0	54
1979.500000	32.2	100.0	H	5.0	40.1	-7.9	21.8	54
3062.500000	38.7	100.0	H	22.0	42.4	-3.7	15.3	54
4886.500000	35.5	100.0	V	357.0	36.0	-0.5	18.5	54
6445.000000	39.8	100.0	H	82.0	45.0	5.2	14.2	54
6803.500000	39.8	100.0	V	343.0	44.8	5.0	14.2	54

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



RE 3-18GHz PK+AV



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)
8061.500000	45.4	101.0	H	337.0	54.1	8.7	28.6	74
9436.500000	47.0	101.0	H	51.0	57.9	10.9	27.0	74
10359.125000	48.1	101.0	H	258.0	59.6	11.5	25.9	74
11490.750000	63.6	101.0	V	86.0	77.5	13.9	10.4	74
15305.000000	55.3	101.0	H	272.0	74.8	19.5	18.7	74
17998.625000	59.3	101.0	H	0.0	84.7	25.4	14.7	74

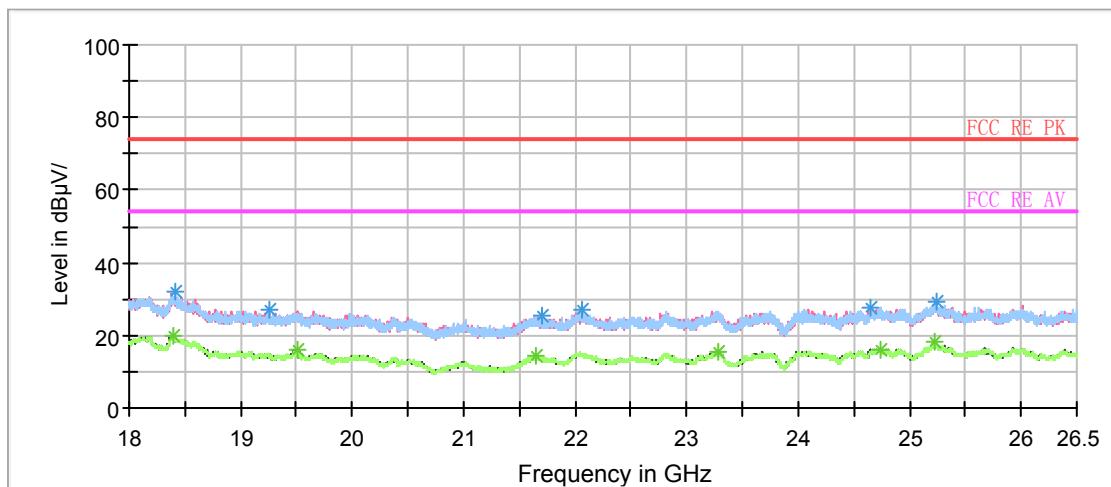
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	MARGIN (dB)	Limit (dBuV/m)
8061.500000	36.5	101.0	H	337.0	45.2	8.7	17.5	54
9436.500000	39.3	101.0	H	51.0	50.2	10.9	14.7	54
10359.125000	39.5	101.0	H	258.0	51.0	11.5	14.5	54
11490.750000	53.7	101.0	V	86.0	67.6	13.9	0.3	54
15305.000000	44.2	101.0	H	272.0	63.7	19.5	9.8	54
17998.625000	49.5	101.0	H	0.0	74.9	25.4	4.5	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)
18389.937500	29.9	V	194.0	34.8	-4.9	44.1	74
19505.562500	25.3	V	0.0	32.8	-7.5	48.7	74
21641.187500	23.9	H	162.0	33.0	-9.1	50.1	74
23280.625000	24.9	V	341.0	32.0	-7.1	49.1	74
24739.437500	25.2	V	260.0	31.6	-6.4	48.8	74
25226.062500	28.4	V	251.0	34.3	-5.9	45.6	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)
18389.937500	20.0	V	194.0	24.9	-4.9	34.0	54
19505.562500	15.8	V	0.0	23.3	-7.5	38.2	54
21641.187500	14.2	H	162.0	23.3	-9.1	39.8	54
23280.625000	15.7	V	341.0	22.8	-7.1	38.3	54
24739.437500	16.3	V	260.0	22.7	-6.4	37.7	54
25226.062500	18.2	V	251.0	24.1	-5.9	35.8	54

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



RE 26.5-40GHz PK+AV Class B



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dB μ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
28231.375000	24.4	100.0	H	0.0	46.1	-21.7	49.6	74
30263.125000	23.8	100.0	H	0.0	45.6	-21.8	50.2	74
30944.875000	25.1	100.0	H	0.0	46.3	-21.2	48.9	74
33803.500000	23.5	100.0	H	0.0	45.1	-21.6	50.5	74
37181.875000	27.0	100.0	V	0.0	48.4	-21.4	47.0	74
39868.375000	32.9	100.0	V	0.0	53.3	-20.4	41.1	74

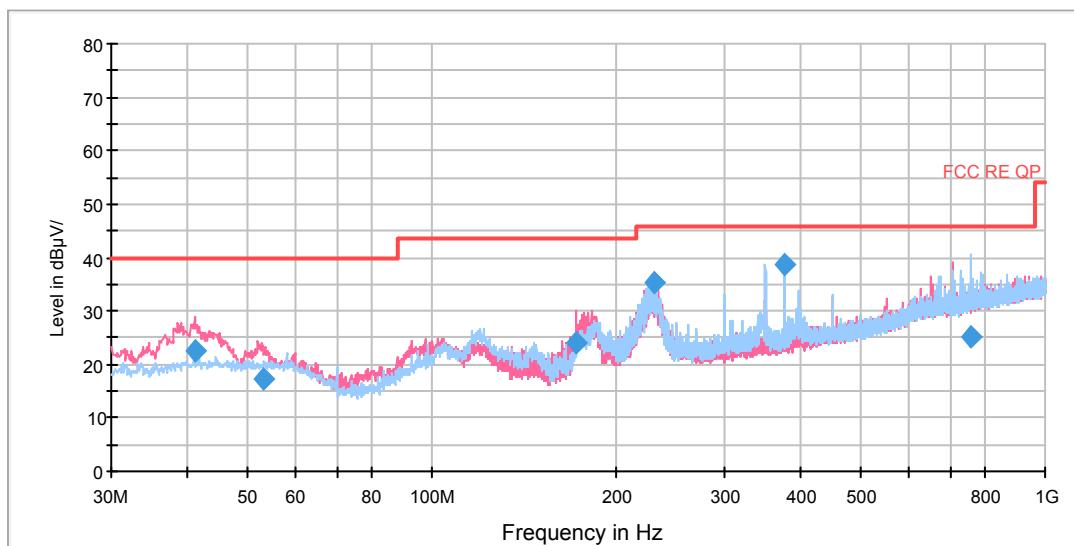
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dB μ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
28231.375000	14.2	100.0	H	0.0	35.9	-21.7	39.8	54
30263.125000	15.1	100.0	H	0.0	36.9	-21.8	38.9	54
30944.875000	16.2	100.0	H	0.0	37.4	-21.2	37.8	54
33803.500000	15.5	100.0	H	0.0	37.1	-21.6	38.5	54
37181.875000	18.0	100.0	V	0.0	39.4	-21.4	36.0	54
39868.375000	24.7	100.0	V	0.0	45.1	-20.4	29.3	54

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



RE 0.03-1GHz QP Class B



Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
41.193750	22.5	100.0	V	204.0	35.7	13.2	17.5	40.0
53.286250	17.3	100.0	V	252.0	30.1	12.8	22.7	40.0
172.543750	24.2	189.0	V	11.0	34.6	10.4	19.3	43.5
229.900000	35.4	125.0	H	296.0	48.6	13.2	10.6	46.0
374.996250	38.8	100.0	H	136.0	56.2	17.4	7.2	46.0
758.512500	25.0	100.0	H	0.0	48.8	23.8	21.0	46.0

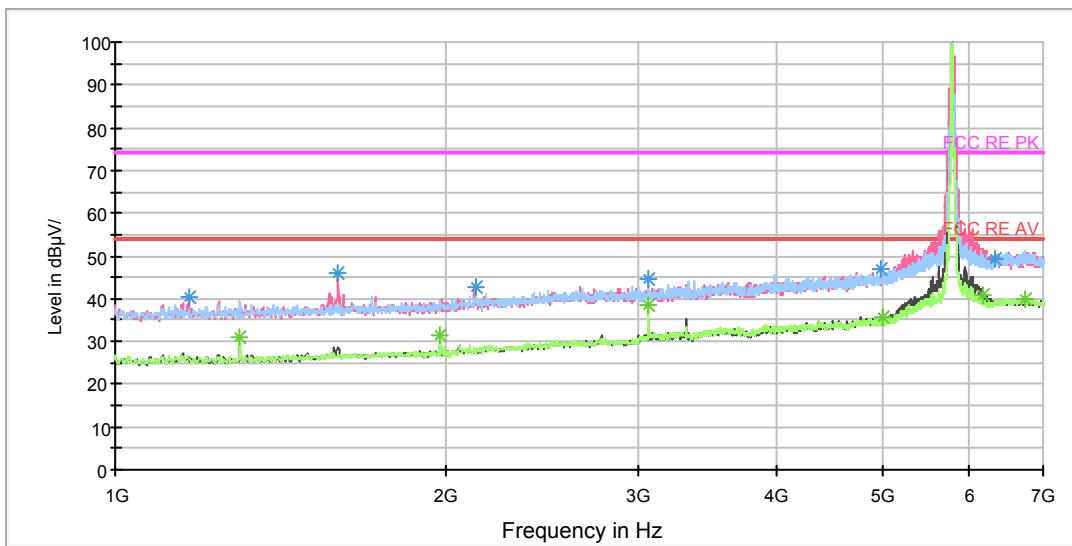
Remark: 1. Quasi-Peak = Reading value + Correction factor

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

3. Margin = Limit – Quasi-Peak



Copy of RE 1G-7GHz PK+AV Class A



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 7GHz

Frequency (MHz)	Peak (dB μ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
1166.500000	40.2	100.0	V	356.0	51.0	-10.8	33.8	74
1595.500000	46.1	100.0	V	0.0	55.1	-9.0	27.9	74
2132.500000	42.5	100.0	V	98.0	49.4	-6.9	31.5	74
3062.500000	44.7	100.0	H	23.0	48.4	-3.7	29.3	74
4975.000000	46.8	100.0	H	0.0	47.2	-0.4	27.2	74
6334.000000	49.3	100.0	V	348.0	53.9	4.6	24.7	74

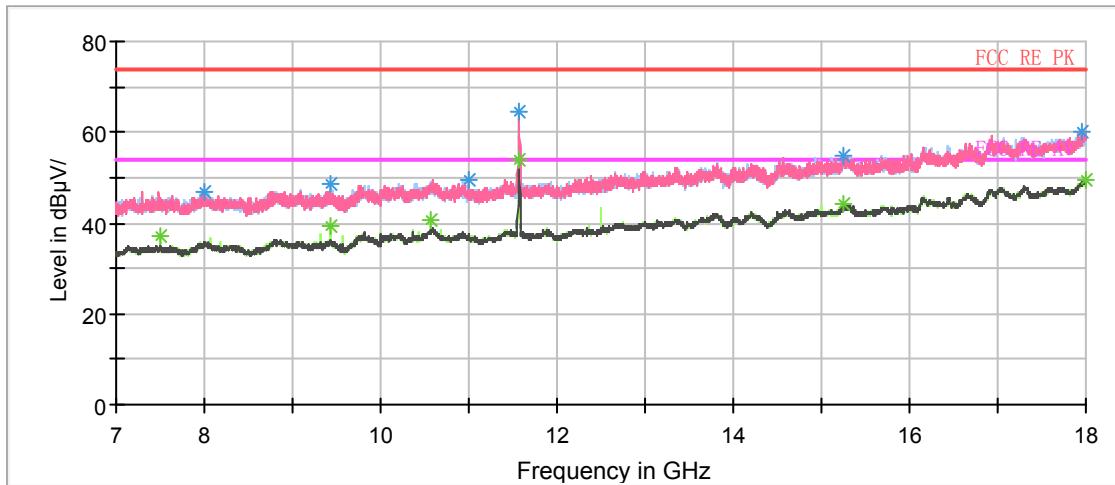
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dB μ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
1300.000000	30.8	100.0	H	0.0	40.9	-10.1	23.2	54
1979.500000	31.4	100.0	H	346.0	39.3	-7.9	22.6	54
3062.500000	38.7	100.0	H	23.0	42.4	-3.7	15.3	54
5000.500000	35.8	100.0	V	287.0	36.1	-0.3	18.2	54
6172.000000	41.0	100.0	V	150.0	44.7	3.7	13.0	54
6749.500000	40.0	100.0	H	23.0	45.0	5.0	14.0	54

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



RE 3-18GHz PK+AV



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)
7499.125000	45.3	101.0	H	48.0	53.0	7.7	28.7	74
9436.500000	48.4	101.0	H	48.0	59.3	10.9	25.6	74
10562.625000	48.8	101.0	H	79.0	62.1	13.3	25.2	74
11571.875000	64.4	101.0	V	91.0	78.3	13.9	9.6	74
15252.750000	54.2	101.0	V	76.0	73.9	19.7	19.8	74
17998.625000	59.6	101.0	H	180.0	85.0	25.4	14.4	74

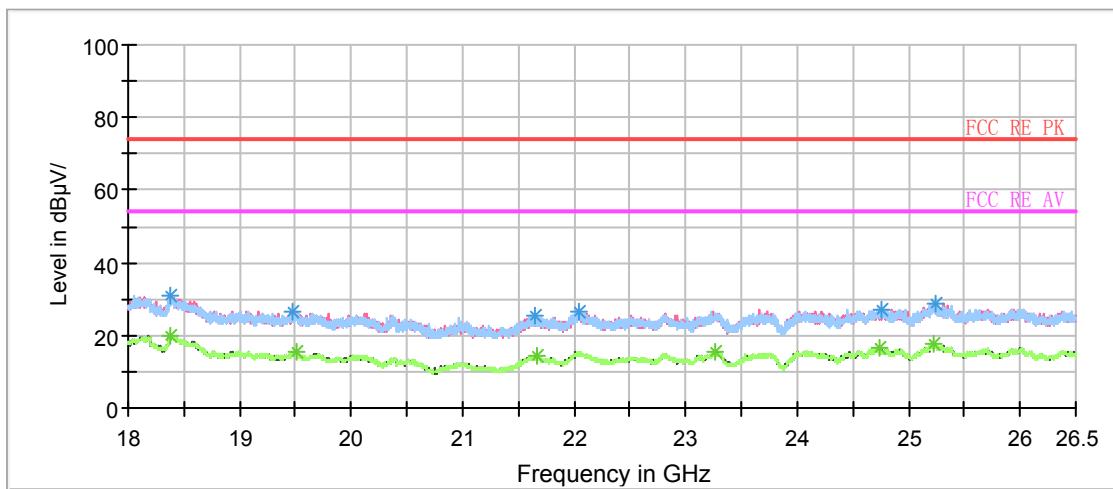
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	MARGIN (dB)	Limit (dBuV/m)
7499.125000	37.1	101.0	H	48.0	44.8	7.7	16.9	54
9436.500000	39.2	101.0	H	48.0	50.1	10.9	14.8	54
10562.625000	40.6	101.0	H	79.0	53.9	13.3	13.4	54
11571.875000	53.8	101.0	V	91.0	67.7	13.9	0.2	54
15252.750000	44.0	101.0	V	76.0	63.7	19.7	10.0	54
17998.625000	49.6	101.0	H	180.0	75.0	25.4	4.4	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)
18385.687500	29.4	H	95.0	34.2	-4.8	44.6	74
19502.375000	25.5	V	347.0	33.0	-7.5	48.5	74
21662.437500	22.9	H	144.0	32.2	-9.3	51.1	74
23261.500000	24.2	V	322.0	31.6	-7.4	49.8	74
24738.375000	26.5	H	70.0	32.9	-6.4	47.5	74
25223.937500	27.9	V	339.0	33.8	-5.9	46.1	74

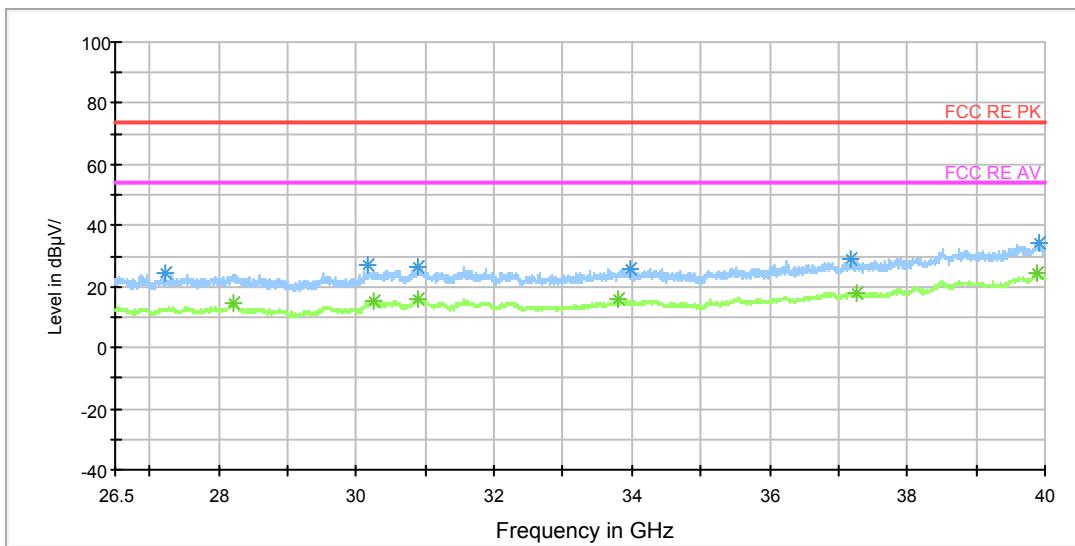
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18385.687500	20.1	H	95.0	24.9	-4.8	33.9	54
19502.375000	15.5	V	347.0	23.0	-7.5	38.5	54
21662.437500	14.2	H	144.0	23.5	-9.3	39.8	54
23261.500000	15.7	V	322.0	23.1	-7.4	38.3	54
24738.375000	16.5	H	70.0	22.9	-6.4	37.5	54
25223.937500	17.8	V	339.0	23.7	-5.9	36.2	54

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



RE 26.5-40GHz PK+AV Class B



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dB μ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
28207.750000	24.0	100.0	H	0.0	45.7	-21.7	50.0	74
30242.875000	22.3	100.0	H	0.0	44.1	-21.8	51.7	74
30897.625000	24.6	100.0	H	0.0	45.9	-21.3	49.4	74
33803.500000	24.3	100.0	H	0.0	45.9	-21.6	49.7	74
37256.125000	27.3	100.0	H	0.0	48.7	-21.4	46.7	74
39888.625000	32.4	100.0	V	0.0	52.8	-20.4	41.6	74

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

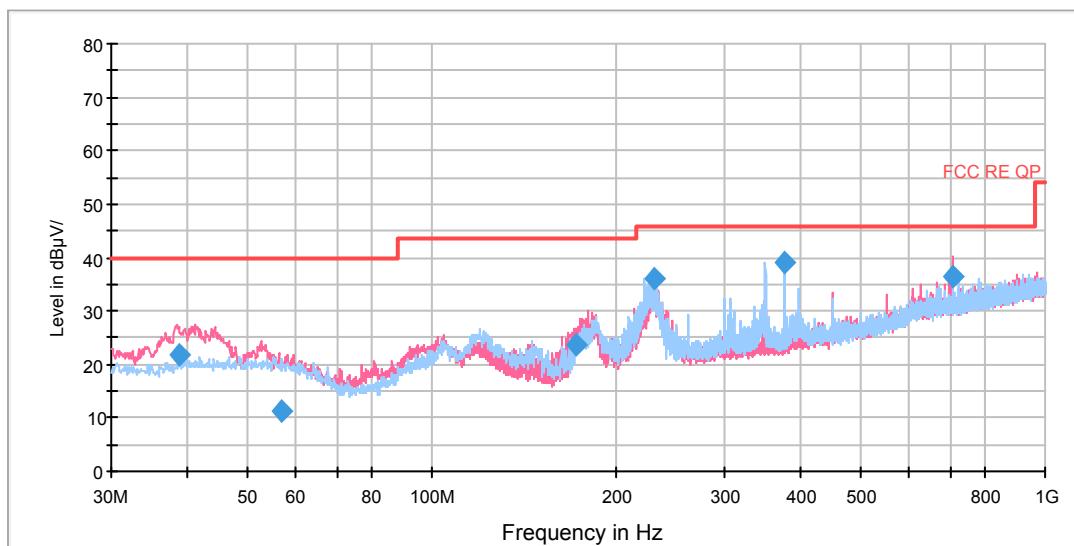
Frequency (MHz)	Average (dB μ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
28207.750000	14.3	100.0	H	0.0	36.0	-21.7	39.7	54
30242.875000	15.5	100.0	H	0.0	37.3	-21.8	38.5	54
30897.625000	16.1	100.0	H	0.0	37.4	-21.3	37.9	54
33803.500000	15.7	100.0	H	0.0	37.3	-21.6	38.3	54
37256.125000	18.1	100.0	H	0.0	39.5	-21.4	35.9	54
39888.625000	24.5	100.0	V	0.0	44.9	-20.4	29.5	54

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



802.11n HT20 CH165

RE 0.03-1GHz QP Class B



Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
38.726250	21.8	100.0	V	67.0	34.7	12.9	18.2	40.0
56.831250	11.4	125.0	V	79.0	24.0	12.6	28.6	40.0
171.412500	23.8	100.0	V	177.0	34.1	10.3	19.7	43.5
229.901250	36.1	125.0	H	294.0	49.3	13.2	9.9	46.0
374.996250	38.9	100.0	H	130.0	56.3	17.4	7.1	46.0
708.600000	36.4	100.0	V	234.0	59.4	23.0	9.6	46.0

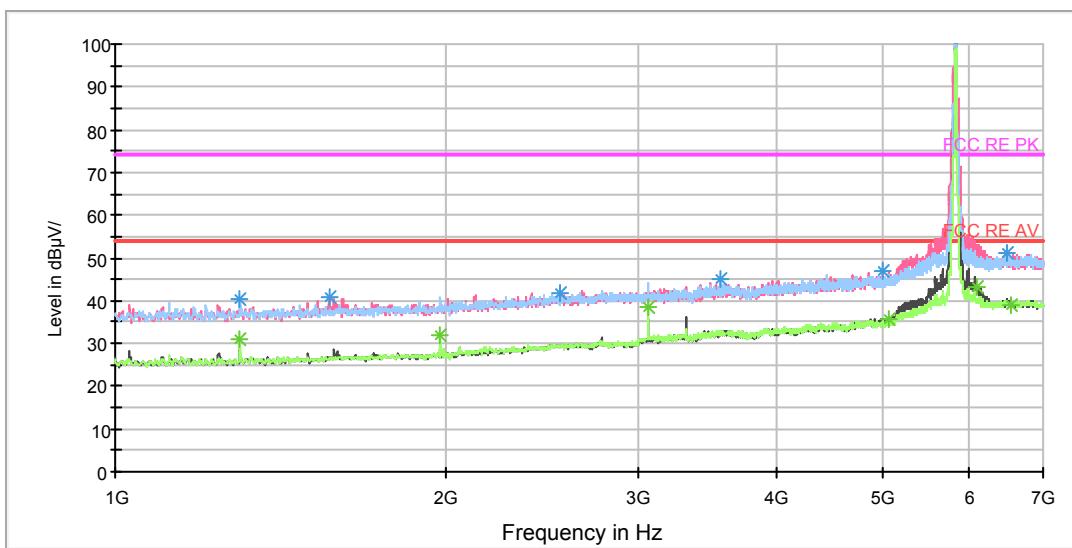
Remark: 1. Quasi-Peak = Reading value + Correction factor

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

3. Margin = Limit – Quasi-Peak



Copy of RE 1G-7GHz PK+AV Class A



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 7GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1300.000000	40.3	100.0	H	0.0	50.4	-10.1	33.7	74
1565.500000	40.6	100.0	V	358.0	49.7	-9.1	33.4	74
2546.500000	41.9	100.0	V	0.0	46.7	-4.8	32.1	74
3553.000000	45.0	100.0	H	0.0	47.6	-2.6	29.0	74
5008.000000	46.7	100.0	V	312.0	47.0	-0.3	27.3	74
6496.000000	51.1	100.0	H	97.0	56.5	5.4	22.9	74

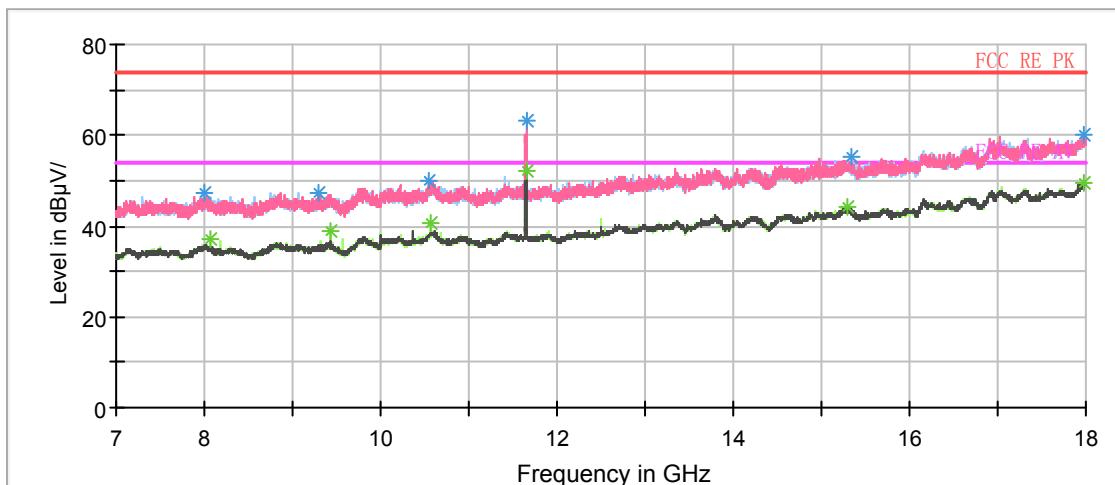
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1300.000000	31.0	100.0	H	0.0	41.1	-10.1	23.0	54
1979.500000	32.0	100.0	H	0.0	39.9	-7.9	22.0	54
3062.500000	38.3	100.0	H	26.0	42.0	-3.7	15.7	54
5059.000000	35.9	100.0	V	302.0	36.2	-0.3	18.1	54
6089.500000	43.1	100.0	V	150.0	46.4	3.3	10.9	54
6551.500000	39.2	100.0	V	356.0	44.5	5.3	14.8	54

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



RE 3-18GHz PK+AV



Radiates Emission from 7GHz to 18GHz

Frequency (MHz)	Peak (dB μ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	MARGIN (dB)	Limit (dB μ V/m)
8061.500000	46.3	101.0	H	180.0	55.0	8.7	27.7	74
9436.500000	46.6	101.0	H	45.0	57.5	10.9	27.4	74
10562.625000	47.9	101.0	H	28.0	61.2	13.3	26.1	74
11651.625000	63.2	101.0	V	88.0	76.7	13.5	10.8	74
15299.500000	52.7	101.0	V	60.0	72.3	19.6	21.3	74
17975.250000	58.6	101.0	V	45.0	83.7	25.1	15.4	74

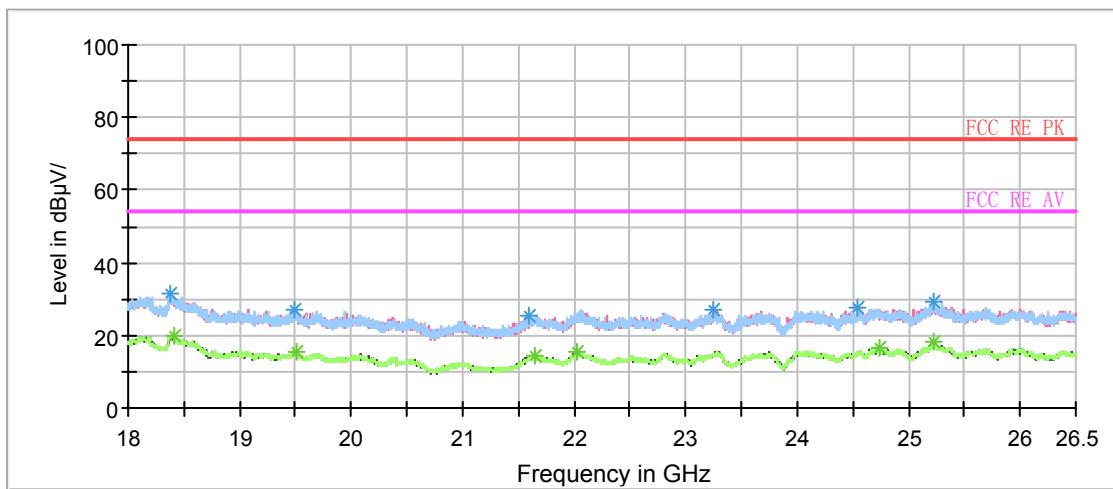
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dB μ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	MARGIN (dB)	Limit (dB μ V/m)
8061.500000	37.1	101.0	H	180.0	45.8	8.7	16.9	54
9436.500000	38.7	101.0	H	45.0	49.6	10.9	15.3	54
10562.625000	40.7	101.0	H	28.0	54.0	13.3	13.3	54
11651.625000	52.2	101.0	V	88.0	65.7	13.5	1.8	54
15299.500000	44.2	101.0	V	60.0	63.8	19.6	9.8	54
17975.250000	49.5	101.0	V	45.0	74.6	25.1	4.5	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)
18404.812500	28.3	V	302.0	33.3	-5.0	45.7	74
19508.750000	25.7	V	269.0	33.2	-7.5	48.3	74
21652.875000	24.8	H	0.0	34.0	-9.2	49.2	74
22029.000000	24.8	H	155.0	32.8	-8.0	49.2	74
24732.000000	25.7	H	29.0	32.0	-6.3	48.3	74
25227.125000	28.4	H	14.0	34.3	-5.9	45.6	74

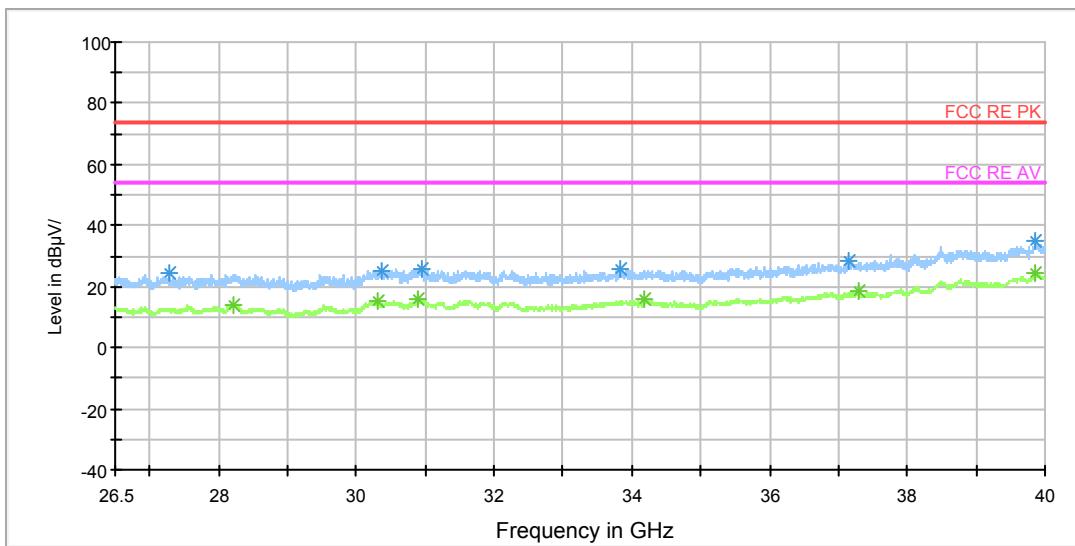
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18404.812500	20.0	V	302.0	25.0	-5.0	34.0	54
19508.750000	15.6	V	269.0	23.1	-7.5	38.4	54
21652.875000	14.3	H	0.0	23.5	-9.2	39.7	54
22029.000000	15.5	H	155.0	23.5	-8.0	38.5	54
24732.000000	16.3	H	29.0	22.6	-6.3	37.7	54
25227.125000	18.0	H	14.0	23.9	-5.9	36.0	54

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



RE 26.5-40GHz PK+AV Class B



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dB μ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
28221.250000	22.1	100.0	V	0.0	43.8	-21.7	51.9	74
30307.000000	23.6	100.0	H	0.0	45.3	-21.7	50.4	74
30907.750000	23.9	100.0	H	0.0	45.2	-21.3	50.1	74
34181.500000	23.7	100.0	H	0.0	45.0	-21.3	50.3	74
37286.500000	26.1	100.0	H	0.0	47.5	-21.4	47.9	74
39848.125000	32.2	100.0	V	0.0	52.6	-20.4	41.8	74

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

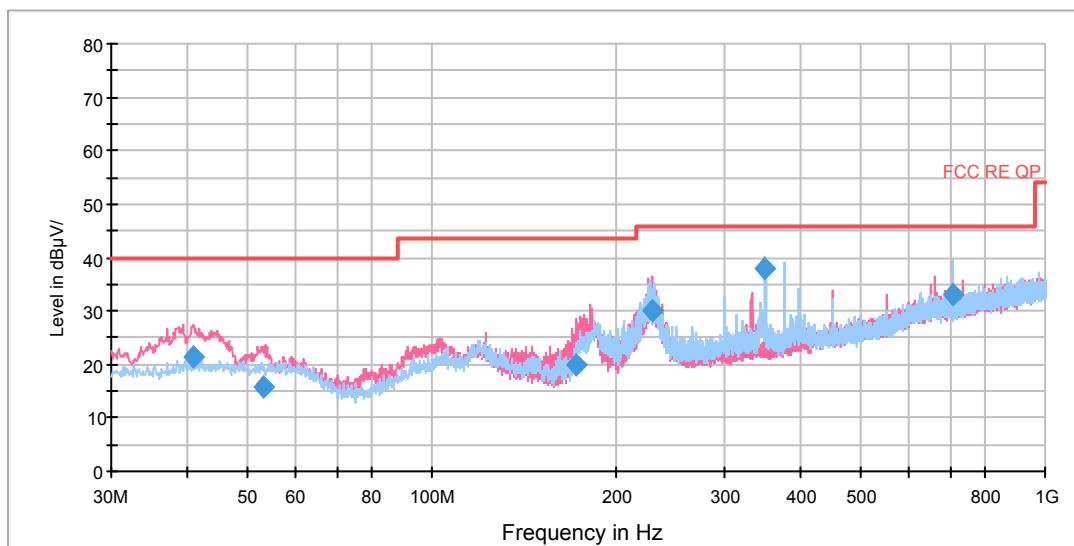
Frequency (MHz)	Average (dB μ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
28221.250000	14.2	100.0	V	0.0	35.9	-21.7	39.8	54
30307.000000	15.1	100.0	H	0.0	36.8	-21.7	38.9	54
30907.750000	16.1	100.0	H	0.0	37.4	-21.3	37.9	54
34181.500000	15.7	100.0	H	0.0	37.0	-21.3	38.3	54
37286.500000	18.2	100.0	H	0.0	39.6	-21.4	35.8	54
39848.125000	24.4	100.0	V	0.0	44.8	-20.4	29.6	54

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



802.11n HT40 CH151

RE 0.03-1GHz QP Class B



Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
40.712500	21.4	100.0	V	37.0	34.6	13.2	18.6	40.0
53.326250	15.9	100.0	V	132.0	28.7	12.8	24.1	40.0
172.548750	20.1	125.0	V	0.0	30.5	10.4	23.4	43.5
228.202500	29.9	114.0	V	208.0	43.1	13.2	16.1	46.0
349.978750	38.0	100.0	H	10.0	54.7	16.7	8.0	46.0
708.961250	33.0	100.0	H	0.0	56.0	23.0	13.0	46.0

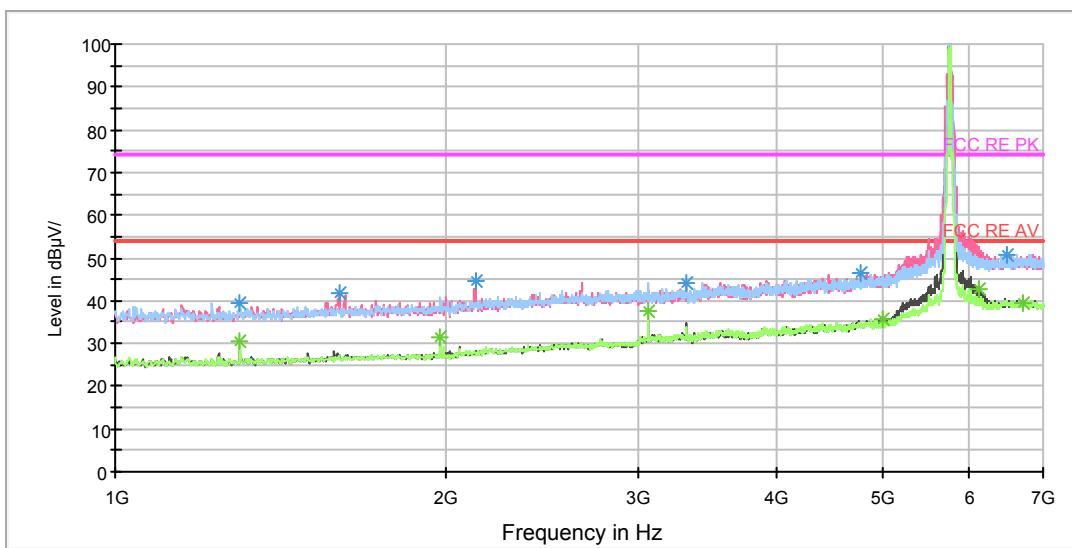
Remark: 1. Quasi-Peak = Reading value + Correction factor

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

3. Margin = Limit – Quasi-Peak



Copy of RE 1G-7GHz PK+AV Class A



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 7GHz

Frequency (MHz)	Peak (dB μ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
1300.000000	39.4	100.0	H	0.0	49.5	-10.1	34.6	74
1600.000000	41.9	100.0	V	57.0	50.9	-9.0	32.1	74
2128.000000	44.4	100.0	V	333.0	51.4	-7.0	29.6	74
3311.500000	44.1	100.0	V	324.0	47.2	-3.1	29.9	74
4766.500000	46.4	100.0	V	242.0	47.0	-0.6	27.6	74
6487.000000	50.7	100.0	V	0.0	56.1	5.4	23.3	74

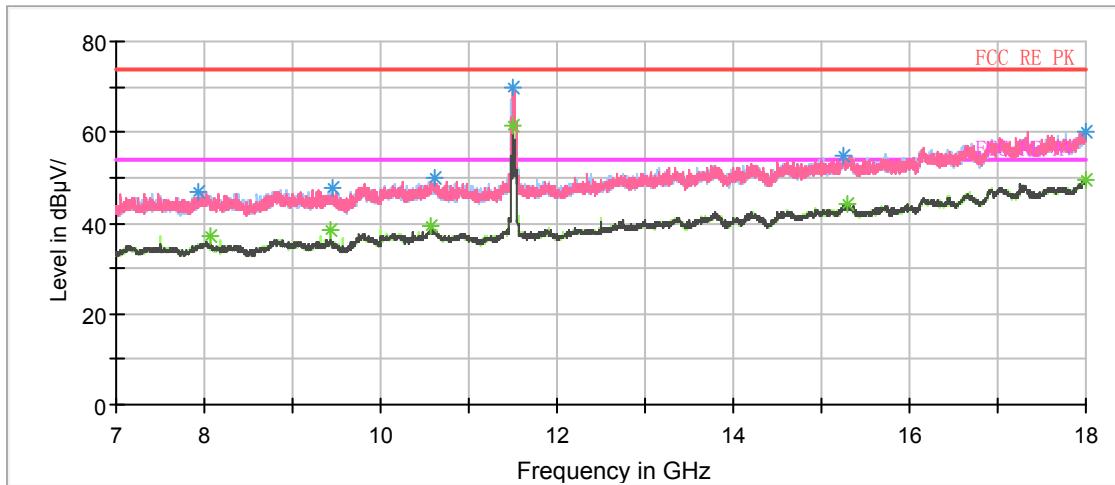
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dB μ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
1300.000000	30.6	100.0	H	0.0	40.7	-10.1	23.4	54
1979.500000	31.5	100.0	H	0.0	39.4	-7.9	22.5	54
3062.500000	37.4	100.0	H	20.0	41.1	-3.7	16.6	54
5000.500000	35.6	100.0	V	294.0	35.9	-0.3	18.4	54
6112.000000	42.5	100.0	V	130.0	45.9	3.4	11.5	54
6719.500000	39.4	100.0	H	200.0	44.4	5.0	14.6	54

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



RE 3-18GHz PK+AV



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)
8061.500000	45.6	101.0	H	50.0	54.3	8.7	28.4	74
9436.500000	46.4	101.0	H	50.0	57.3	10.9	27.6	74
10562.625000	47.6	101.0	H	81.0	60.9	13.3	26.4	74
11510.000000	68.3	101.0	H	66.0	82.3	14.0	5.7	74
15294.000000	53.4	101.0	V	0.0	73.0	19.6	20.6	74
17995.875000	59.1	101.0	H	112.0	84.5	25.4	14.9	74

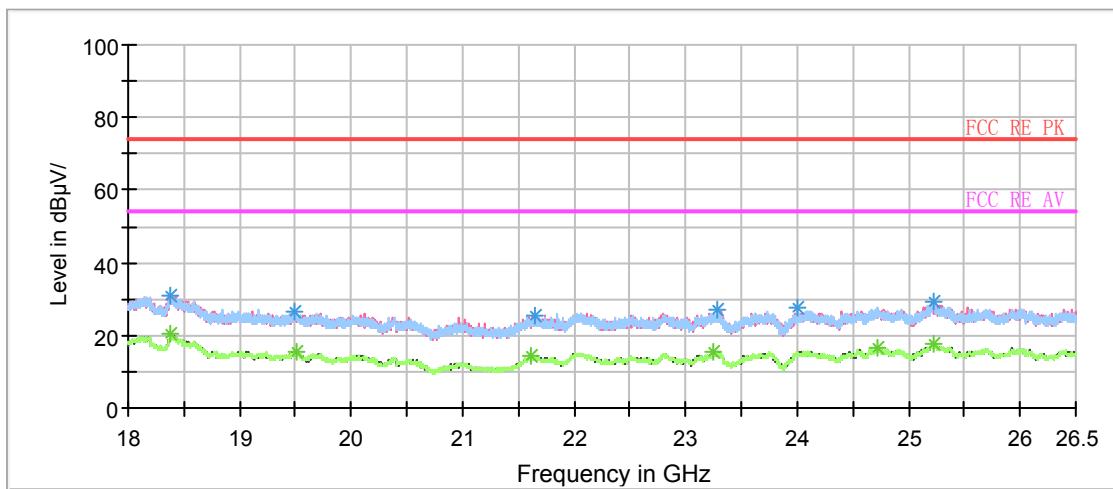
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	MARGIN (dB)	Limit (dBuV/m)
8061.500000	37.3	101.0	H	50.0	46.0	8.7	16.7	54
9436.500000	38.3	101.0	H	50.0	49.2	10.9	15.7	54
10562.625000	39.2	101.0	H	81.0	52.5	13.3	14.8	54
11510.000000	61.5	101.0	H	66.0	75.5	14.0	-7.5	54
15294.000000	44.2	101.0	V	0.0	63.8	19.6	9.8	54
17995.875000	49.5	101.0	H	112.0	74.9	25.4	4.5	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)
18382.500000	29.1	V	0.0	33.9	-4.8	44.9	74
19507.687500	25.9	H	0.0	33.4	-7.5	48.1	74
21615.687500	23.8	V	216.0	32.7	-8.9	50.2	74
23255.125000	25.5	V	225.0	32.9	-7.4	48.5	74
24728.812500	26.8	H	129.0	33.0	-6.2	47.2	74
25228.187500	27.6	V	225.0	33.5	-5.9	46.4	74

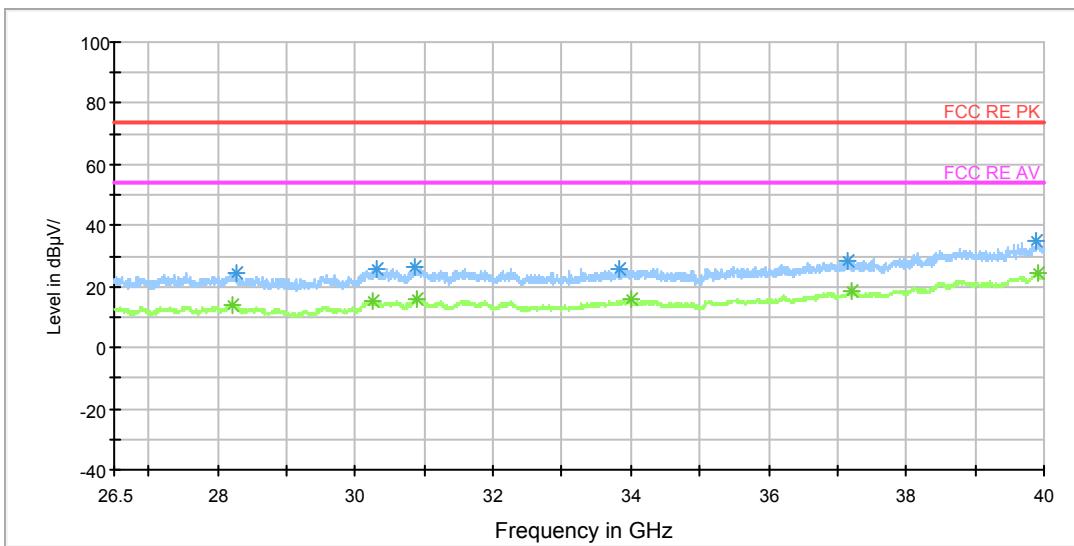
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18382.500000	20.2	V	0.0	25.0	-4.8	33.8	54
19507.687500	15.6	H	0.0	23.1	-7.5	38.4	54
21615.687500	14.2	V	216.0	23.1	-8.9	39.8	54
23255.125000	15.5	V	225.0	22.9	-7.4	38.5	54
24728.812500	16.6	H	129.0	22.8	-6.2	37.4	54
25228.187500	17.9	V	225.0	23.8	-5.9	36.1	54

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



RE 26.5-40GHz PK+AV Class B



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28207.750000	22.1	100.0	H	0.0	43.8	-21.7	51.9	74
30242.875000	24.4	100.0	H	0.0	46.2	-21.8	49.6	74
30884.125000	24.9	100.0	H	0.0	46.2	-21.3	49.1	74
33992.500000	22.8	100.0	H	0.0	44.3	-21.5	51.2	74
37215.625000	26.4	100.0	V	0.0	47.8	-21.4	47.6	74
39905.500000	34.4	100.0	V	0.0	54.8	-20.4	39.6	74

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

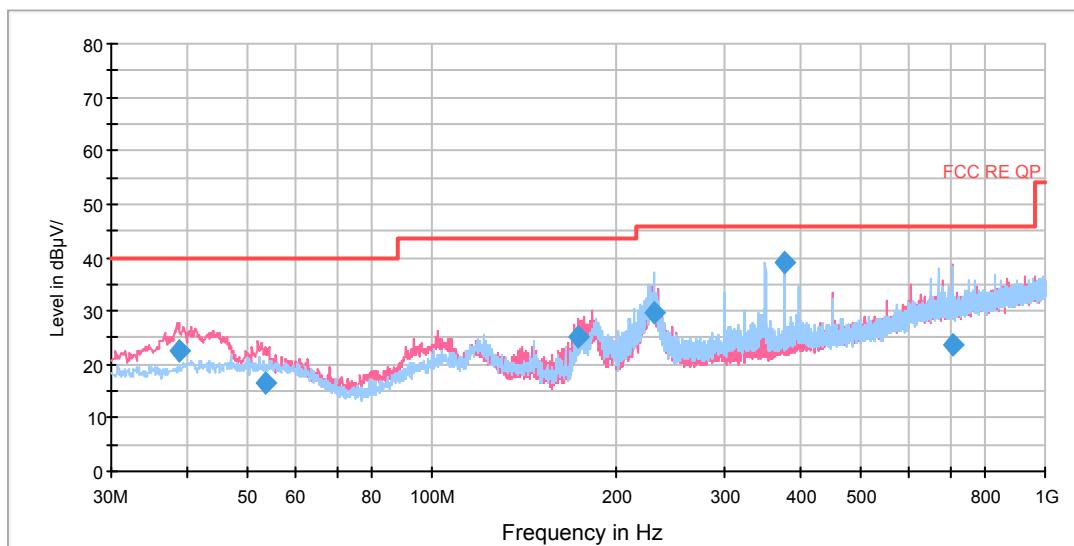
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28207.750000	14.1	100.0	H	0.0	35.8	-21.7	39.9	54
30242.875000	14.9	100.0	H	0.0	36.7	-21.8	39.1	54
30884.125000	16.1	100.0	H	0.0	37.4	-21.3	37.9	54
33992.500000	15.7	100.0	H	0.0	37.2	-21.5	38.3	54
37215.625000	18.2	100.0	V	0.0	39.6	-21.4	35.8	54
39905.500000	24.4	100.0	V	0.0	44.8	-20.4	29.6	54

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



802.11n HT40 CH159

RE 0.03-1GHz QP Class B



Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
38.646250	22.4	100.0	V	133.0	35.2	12.8	17.6	40.0
53.650000	16.4	100.0	V	280.0	29.2	12.8	23.6	40.0
173.155000	25.3	100.0	V	19.0	35.8	10.5	18.2	43.5
229.941250	29.6	125.0	H	45.0	42.8	13.2	16.4	46.0
374.996250	39.1	100.0	H	140.0	56.5	17.4	6.9	46.0
708.802500	23.8	100.0	V	248.0	46.8	23.0	22.2	46.0

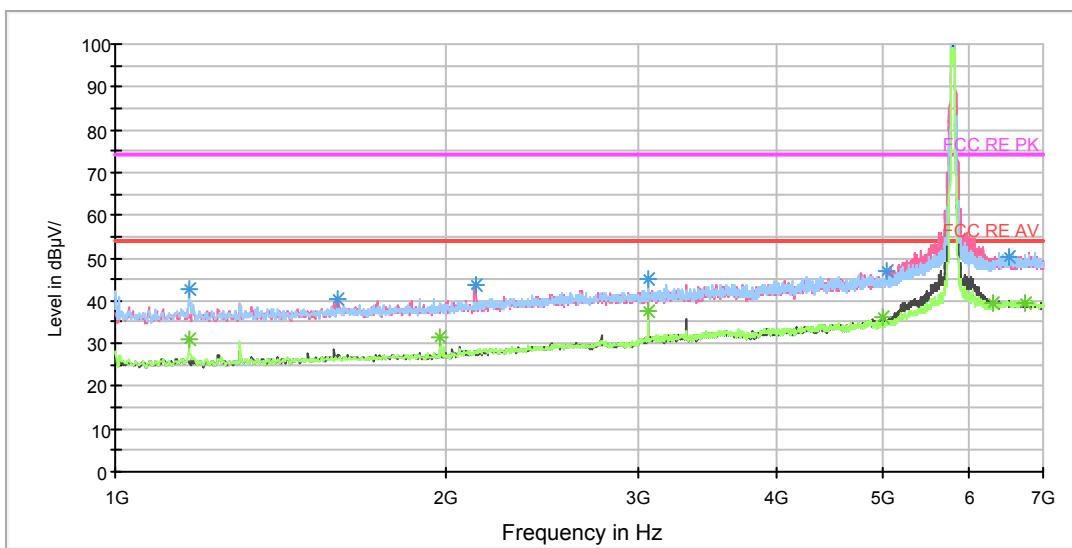
Remark: 1. Quasi-Peak = Reading value + Correction factor

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

3. Margin = Limit – Quasi-Peak



Copy of RE 1G-7GHz PK+AV Class A



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 7GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1168.000000	42.8	100.0	H	221.0	53.6	-10.8	31.2	74
1592.500000	40.5	100.0	V	0.0	49.5	-9.0	33.5	74
2128.000000	43.8	100.0	V	359.0	50.8	-7.0	30.2	74
3062.500000	45.2	100.0	H	26.0	48.9	-3.7	28.8	74
5044.000000	46.9	100.0	V	340.0	47.2	-0.3	27.1	74
6524.500000	50.0	100.0	V	356.0	55.4	5.4	24.0	74

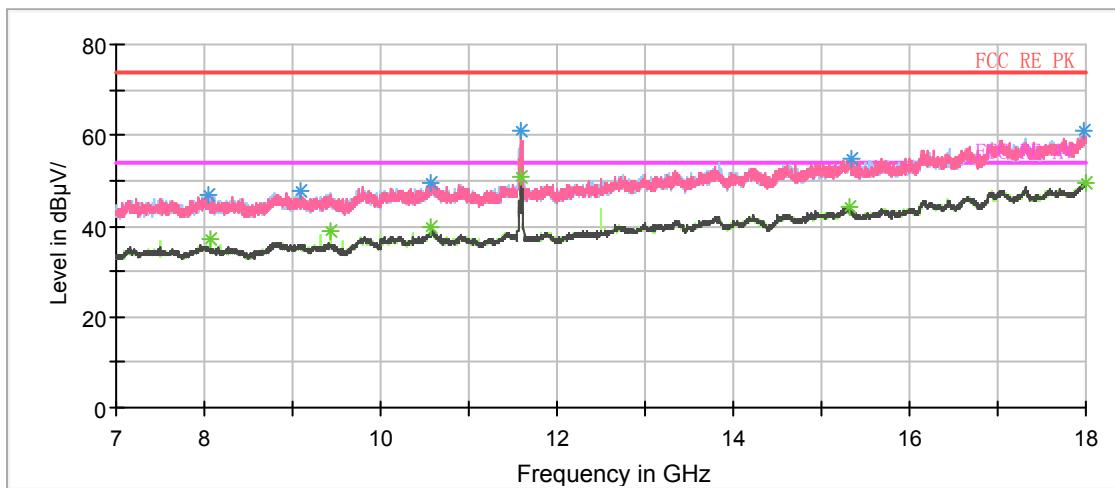
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1168.000000	30.9	100.0	H	221.0	41.7	-10.8	23.1	54
1979.500000	31.3	100.0	H	0.0	39.2	-7.9	22.7	54
3062.500000	37.3	100.0	H	26.0	41.0	-3.7	16.7	54
5000.500000	36.0	100.0	V	351.0	36.3	-0.3	18.0	54
6310.000000	39.6	100.0	V	356.0	44.1	4.5	14.4	54
6754.000000	39.5	100.0	H	76.0	44.5	5.0	14.5	54

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



RE 3-18GHz PK+AV



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)
8061.500000	46.1	101.0	H	28.0	54.8	8.7	27.9	74
9436.500000	47.4	101.0	H	60.0	58.3	10.9	26.6	74
10562.625000	49.0	101.0	H	60.0	62.3	13.3	25.0	74
11589.750000	59.6	101.0	H	60.0	73.5	13.9	14.4	74
15324.250000	53.1	101.0	V	0.0	72.5	19.4	20.9	74
17995.875000	59.7	101.0	V	27.0	85.1	25.4	14.3	74

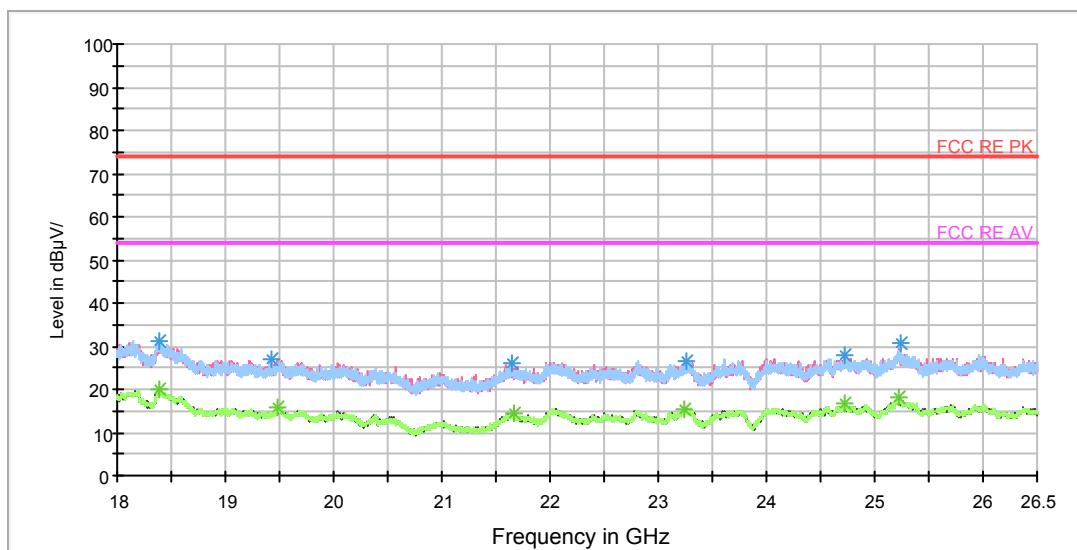
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	MARGIN (dB)	Limit (dBuV/m)
8061.500000	37.2	101.0	H	28.0	45.9	8.7	16.8	54
9436.500000	39.1	101.0	H	60.0	50.0	10.9	14.9	54
10562.625000	39.8	101.0	H	60.0	53.1	13.3	14.2	54
11589.750000	50.9	101.0	H	60.0	64.8	13.9	3.1	54
15324.250000	44.1	101.0	V	0.0	63.5	19.4	9.9	54
17995.875000	49.6	101.0	V	27.0	75.0	25.4	4.4	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)
18388.875000	31.0	V	0.0	35.9	-4.9	43.0	74
19423.750000	26.9	H	54.0	34.7	-7.8	47.1	74
21653.937500	26.2	H	167.0	35.4	-9.2	47.8	74
23250.875000	26.7	V	0.0	34.2	-7.5	47.3	74
24713.937500	27.8	V	348.0	34.3	-6.5	46.2	74
25234.562500	30.6	H	12.0	36.6	-6.0	43.4	74

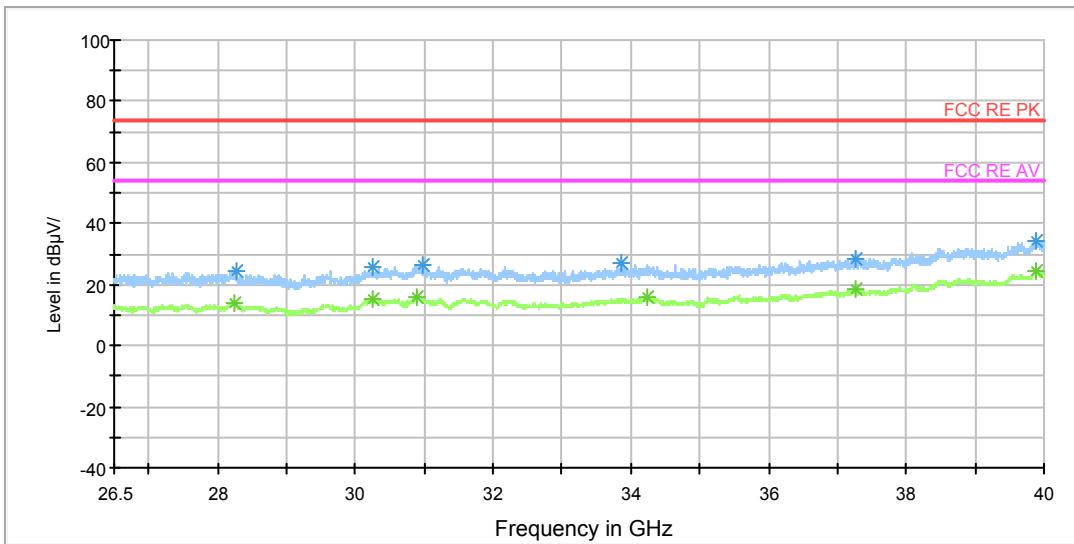
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18384.625000	20.1	H	111.0	24.9	-4.8	33.9	54
19489.625000	15.6	H	12.0	23.2	-7.6	38.4	54
21661.375000	14.4	V	243.0	23.6	-9.2	39.6	54
23248.750000	15.4	H	298.0	22.9	-7.5	38.6	54
24726.687500	16.7	V	185.0	22.9	-6.2	37.3	54
25215.437500	18.0	V	142.0	24.1	-6.1	36.0	54

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



RE 26.5-40GHz PK+AV Class B



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dB μ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
28231.375000	22.4	100.0	V	0.0	44.1	-21.7	51.6	74
30242.875000	25.5	100.0	H	0.0	47.3	-21.8	48.5	74
30901.000000	25.1	100.0	H	0.0	46.4	-21.3	48.9	74
34252.375000	25.4	100.0	H	0.0	46.6	-21.2	48.6	74
37266.250000	26.0	100.0	V	0.0	47.4	-21.4	48.0	74
39892.000000	32.6	100.0	H	0.0	53.0	-20.4	41.4	74

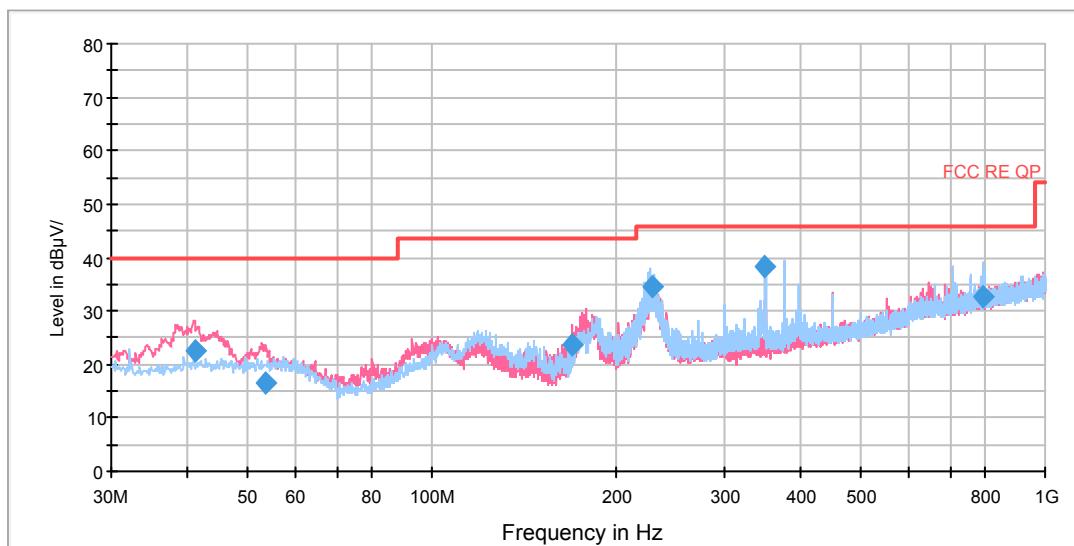
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dB μ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
28231.375000	14.0	100.0	V	0.0	35.7	-21.7	40.0	54
30242.875000	15.3	100.0	H	0.0	37.1	-21.8	38.7	54
30901.000000	16.2	100.0	H	0.0	37.5	-21.3	37.8	54
34252.375000	15.6	100.0	H	0.0	36.8	-21.2	38.4	54
37266.250000	18.2	100.0	V	0.0	39.6	-21.4	35.8	54
39892.000000	24.6	100.0	H	0.0	45.0	-20.4	29.4	54

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



RE 0.03-1GHz QP Class B



Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
41.033750	22.5	100.0	V	149.0	35.7	13.2	17.5	40.0
53.650000	16.6	100.0	V	58.0	29.4	12.8	23.4	40.0
169.191250	23.6	100.0	V	352.0	33.8	10.2	19.9	43.5
228.197500	34.5	125.0	H	296.0	47.7	13.2	11.5	46.0
349.978750	38.4	100.0	H	0.0	55.1	16.7	7.6	46.0
791.941250	32.6	100.0	H	0.0	56.8	24.2	13.4	46.0

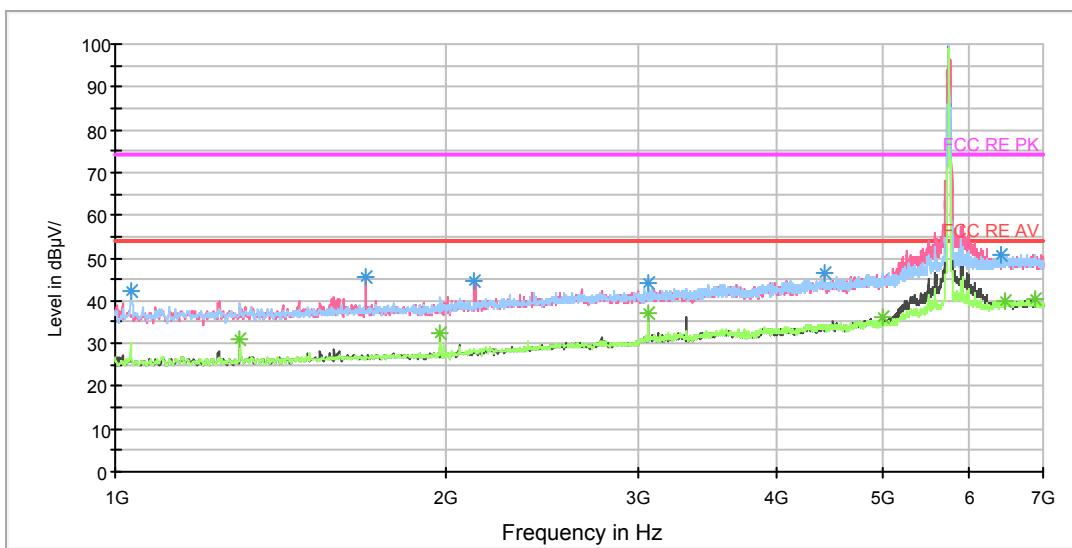
Remark: 1. Quasi-Peak = Reading value + Correction factor

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

3. Margin = Limit – Quasi-Peak



Copy of RE 1G-7GHz PK+AV Class A



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 7GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1034.500000	42.2	100.0	H	27.0	53.5	-11.3	31.8	74
1690.000000	45.5	100.0	V	0.0	54.2	-8.7	28.5	74
2122.000000	44.7	100.0	V	354.0	51.7	-7.0	29.3	74
3062.500000	44.3	100.0	H	5.0	48.0	-3.7	29.7	74
4429.000000	46.7	100.0	V	180.0	47.8	-1.1	27.3	74
6419.500000	50.9	100.0	V	262.0	56.0	5.1	23.1	74

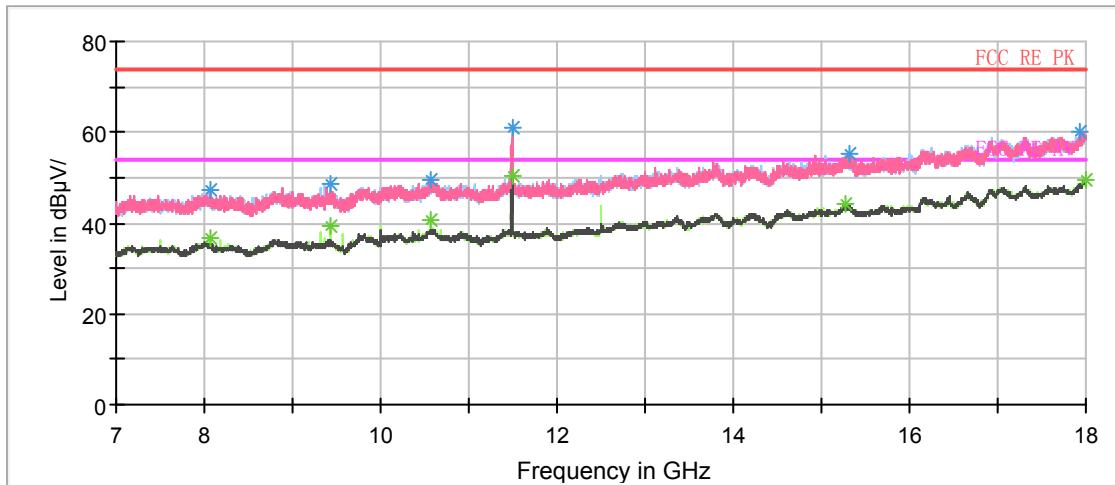
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1300.000000	31.0	100.0	H	0.0	41.1	-10.1	23.0	54
1979.500000	32.3	100.0	H	1.0	40.2	-7.9	21.7	54
3062.500000	37.2	100.0	H	5.0	40.9	-3.7	16.8	54
5000.500000	36.1	100.0	V	303.0	36.4	-0.3	17.9	54
6472.000000	39.9	100.0	H	77.0	45.2	5.3	14.1	54
6883.000000	40.2	100.0	V	0.0	45.2	5.0	13.8	54

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



RE 3-18GHz PK+AV



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)
8061.500000	45.3	101.0	H	27.0	54.0	8.7	28.7	74
9436.500000	48.5	101.0	H	62.0	59.4	10.9	25.5	74
10562.625000	49.6	101.0	H	62.0	62.9	13.3	24.4	74
11490.750000	61.0	101.0	V	94.0	74.9	13.9	13.0	74
15273.375000	53.6	101.0	H	180.0	73.2	19.6	20.4	74
18000.000000	58.9	101.0	V	0.0	84.3	25.4	15.1	74

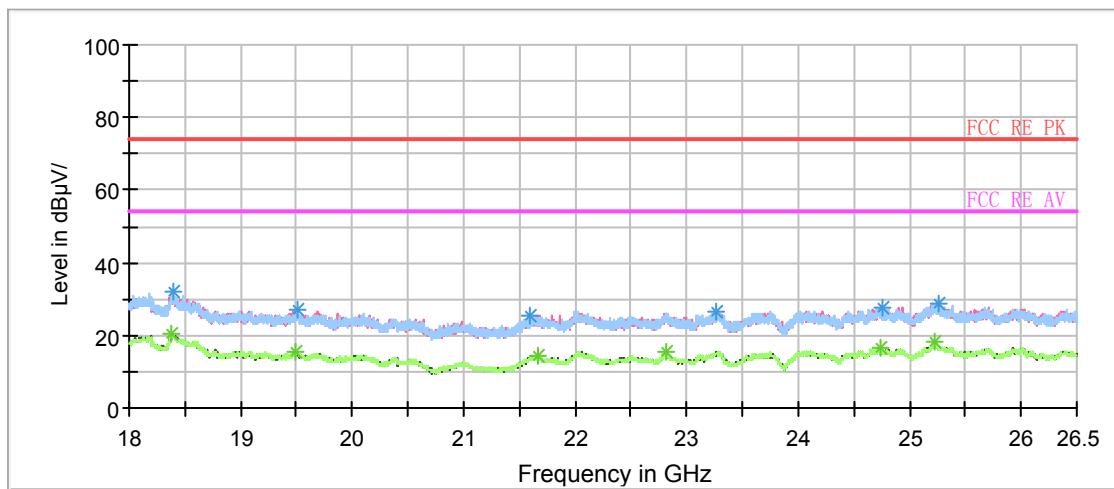
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	MARGIN (dB)	Limit (dBuV/m)
8061.500000	36.8	101.0	H	27.0	45.5	8.7	17.2	54
9436.500000	39.2	101.0	H	62.0	50.1	10.9	14.8	54
10562.625000	40.8	101.0	H	62.0	54.1	13.3	13.2	54
11490.750000	50.2	101.0	V	94.0	64.1	13.9	3.8	54
15273.375000	44.0	101.0	H	180.0	63.6	19.6	10.0	54
18000.000000	49.5	101.0	V	0.0	74.9	25.4	4.5	54

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



RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

Frequency (MHz)	Peak (dB μ V/m)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
18384.625000	30.9	H	0.0	35.7	-4.8	43.1	74
19497.062500	25.6	H	246.0	33.1	-7.5	48.4	74
21659.250000	22.8	V	296.0	32.0	-9.2	51.2	74
22811.000000	25.4	H	0.0	32.8	-7.4	48.6	74
24730.937500	24.8	H	78.0	31.0	-6.2	49.2	74
25223.937500	28.2	V	144.0	34.1	-5.9	45.8	74

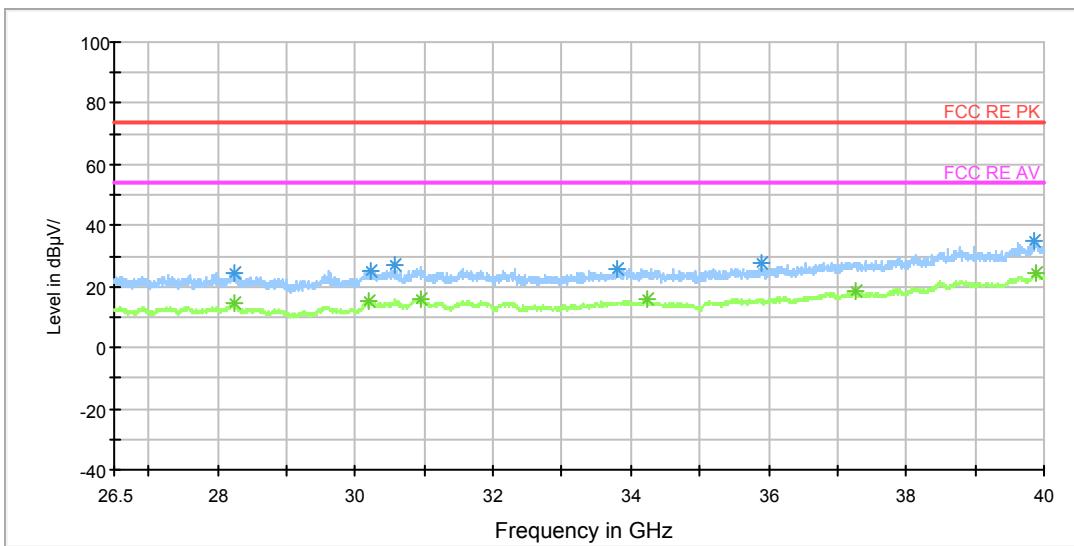
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dB μ V/m)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
18384.625000	20.2	H	0.0	25.0	-4.8	33.8	54
19497.062500	15.7	H	246.0	23.2	-7.5	38.3	54
21659.250000	14.2	V	296.0	23.4	-9.2	39.8	54
22811.000000	15.4	H	0.0	22.8	-7.4	38.6	54
24730.937500	16.4	H	78.0	22.6	-6.2	37.6	54
25223.937500	18.1	V	144.0	24.0	-5.9	35.9	54

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



RE 26.5-40GHz PK+AV Class B



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dB μ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
28238.125000	22.5	100.0	H	0.0	44.2	-21.7	51.5	74
30205.750000	22.7	100.0	H	0.0	44.6	-21.9	51.3	74
30938.125000	23.6	100.0	H	0.0	44.8	-21.2	50.4	74
34245.625000	24.4	100.0	H	0.0	45.7	-21.3	49.6	74
37256.125000	25.5	100.0	H	0.0	46.9	-21.4	48.5	74
39881.875000	34.1	100.0	H	0.0	54.5	-20.4	39.9	74

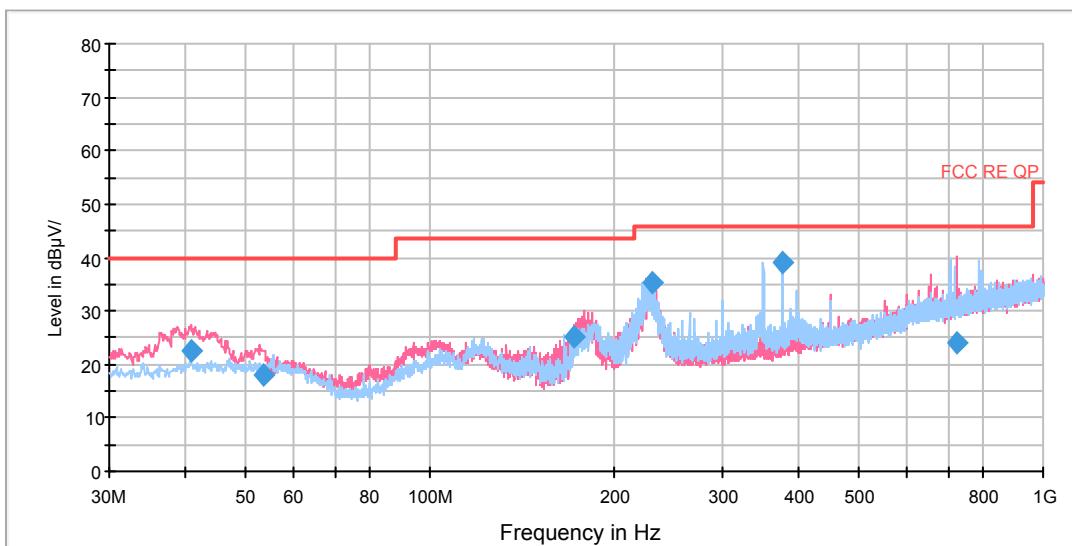
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dB μ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
28238.125000	14.3	100.0	H	0.0	36.0	-21.7	39.7	54
30205.750000	15.1	100.0	H	0.0	37.0	-21.9	38.9	54
30938.125000	15.9	100.0	H	0.0	37.1	-21.2	38.1	54
34245.625000	15.8	100.0	H	0.0	37.1	-21.3	38.2	54
37256.125000	18.2	100.0	H	0.0	39.6	-21.4	35.8	54
39881.875000	24.3	100.0	H	0.0	44.7	-20.4	29.7	54

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



RE 0.03-1GHz QP Class B



Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
40.911250	22.5	100.0	V	192.0	35.7	13.2	17.5	40.0
53.406250	18.0	100.0	V	4.0	30.8	12.8	22.0	40.0
172.515000	25.3	100.0	V	0.0	35.7	10.4	18.2	43.5
229.901250	35.2	100.0	H	292.0	48.4	13.2	10.8	46.0
374.996250	39.0	100.0	H	127.0	56.4	17.4	7.0	46.0
724.598750	24.1	100.0	V	296.0	47.3	23.2	21.9	46.0

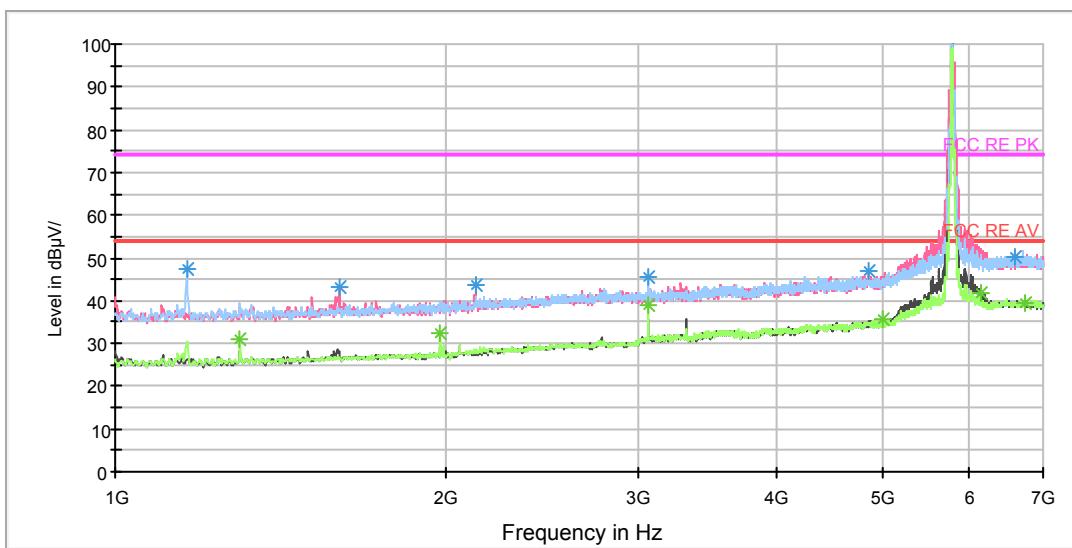
Remark: 1. Quasi-Peak = Reading value + Correction factor

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

3. Margin = Limit – Quasi-Peak



Copy of RE 1G-7GHz PK+AV Class A



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 7GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1162.000000	47.2	100.0	H	180.0	58.0	-10.8	26.8	74
1600.000000	43.1	100.0	V	57.0	52.1	-9.0	30.9	74
2128.000000	43.5	100.0	V	332.0	50.5	-7.0	30.5	74
3062.500000	45.4	100.0	H	23.0	49.1	-3.7	28.6	74
4855.000000	46.8	100.0	V	0.0	47.3	-0.5	27.2	74
6587.500000	50.2	100.0	H	17.0	55.4	5.2	23.8	74

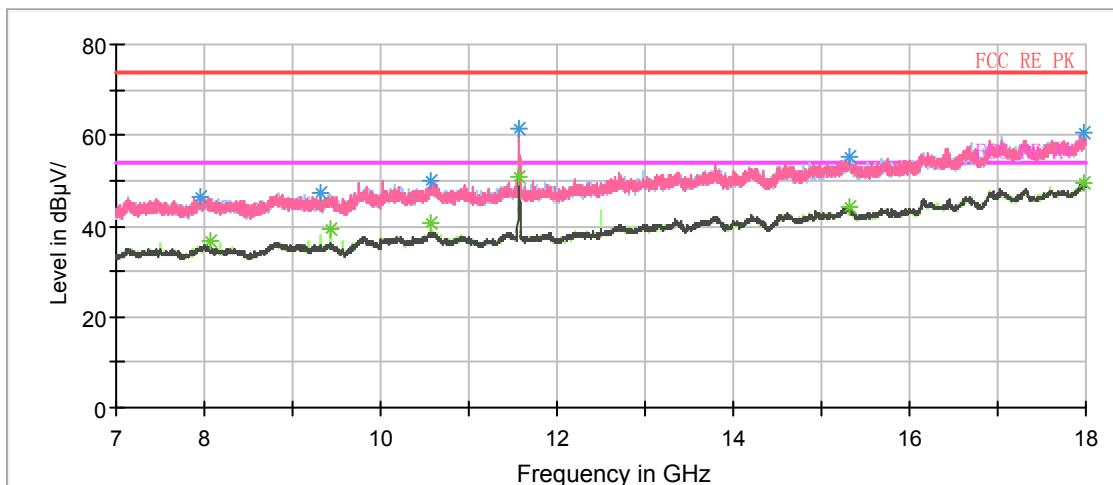
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1300.000000	30.9	100.0	H	2.0	41.0	-10.1	23.1	54
1979.500000	32.3	100.0	H	3.0	40.2	-7.9	21.7	54
3062.500000	39.1	100.0	H	23.0	42.8	-3.7	14.9	54
5000.500000	35.7	100.0	V	292.0	36.0	-0.3	18.3	54
6152.500000	41.6	100.0	V	150.0	45.2	3.6	12.4	54
6752.500000	39.5	100.0	V	0.0	44.5	5.0	14.5	54

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



RE 3-18GHz PK+AV



Radiates Emission from 7GHz to 18GHz

Frequency (MHz)	Peak (dB μ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	MARGIN (dB)	Limit (dB μ V/m)
8061.500000	44.9	101.0	H	30.0	53.6	8.7	29.1	74
9436.500000	46.5	101.0	H	63.0	57.4	10.9	27.5	74
10562.625000	48.0	101.0	H	63.0	61.3	13.3	26.0	74
11573.250000	60.2	101.0	V	87.0	74.1	13.9	13.8	74
15320.125000	52.6	101.0	H	154.0	72.0	19.4	21.4	74
17980.750000	58.4	101.0	V	58.0	83.6	25.2	15.6	74

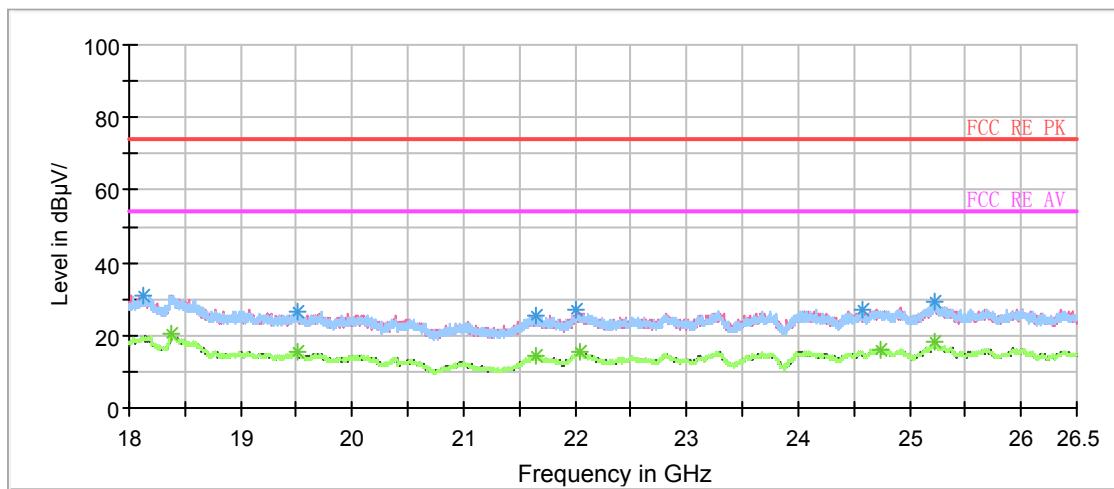
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dB μ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	MARGIN (dB)	Limit (dB μ V/m)
8061.500000	36.8	101.0	H	30.0	45.5	8.7	17.2	54
9436.500000	39.5	101.0	H	63.0	50.4	10.9	14.5	54
10562.625000	40.5	101.0	H	63.0	53.8	13.3	13.5	54
11573.250000	50.9	101.0	V	87.0	64.8	13.9	3.1	54
15320.125000	44.1	101.0	H	154.0	63.5	19.4	9.9	54
17980.750000	49.6	101.0	V	58.0	74.8	25.2	4.4	54

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



RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

Frequency (MHz)	Peak (dB μ V/m)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
18385.687500	29.9	V	106.0	34.7	-4.8	44.1	74
19505.562500	26.6	H	270.0	34.1	-7.5	47.4	74
21647.562500	23.3	V	89.0	32.5	-9.2	50.7	74
22036.437500	24.0	V	0.0	32.0	-8.0	50.0	74
24741.562500	24.8	H	261.0	31.3	-6.5	49.2	74
25230.312500	27.9	V	358.0	33.8	-5.9	46.1	74

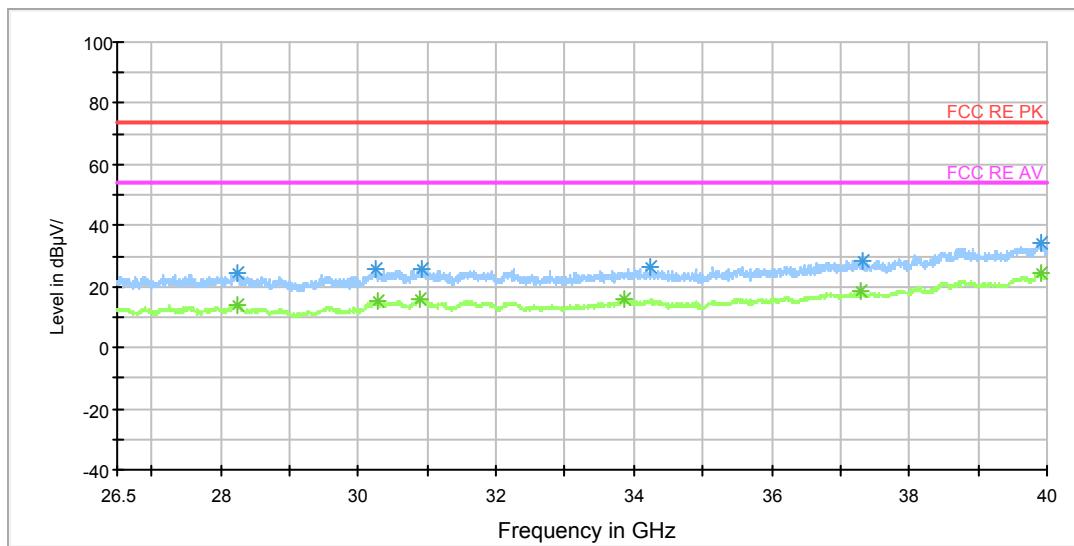
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dB μ V/m)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
18385.687500	20.2	V	106.0	25.0	-4.8	33.8	54
19505.562500	15.6	H	270.0	23.1	-7.5	38.4	54
21647.562500	14.5	V	89.0	23.7	-9.2	39.5	54
22036.437500	15.5	V	0.0	23.5	-8.0	38.5	54
24741.562500	16.2	H	261.0	22.7	-6.5	37.8	54
25230.312500	18.2	V	358.0	24.1	-5.9	35.8	54

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



RE 26.5-40GHz PK+AV Class B



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28231.375000	20.9	100.0	H	0.0	42.6	-21.7	53.1	74
30269.875000	24.7	100.0	H	0.0	46.5	-21.8	49.3	74
30880.750000	24.1	100.0	H	0.0	45.4	-21.3	49.9	74
33874.375000	24.7	100.0	V	0.0	46.3	-21.6	49.3	74
37286.500000	25.5	100.0	V	0.0	46.9	-21.4	48.5	74
39919.000000	34.3	100.0	H	0.0	54.7	-20.4	39.7	74

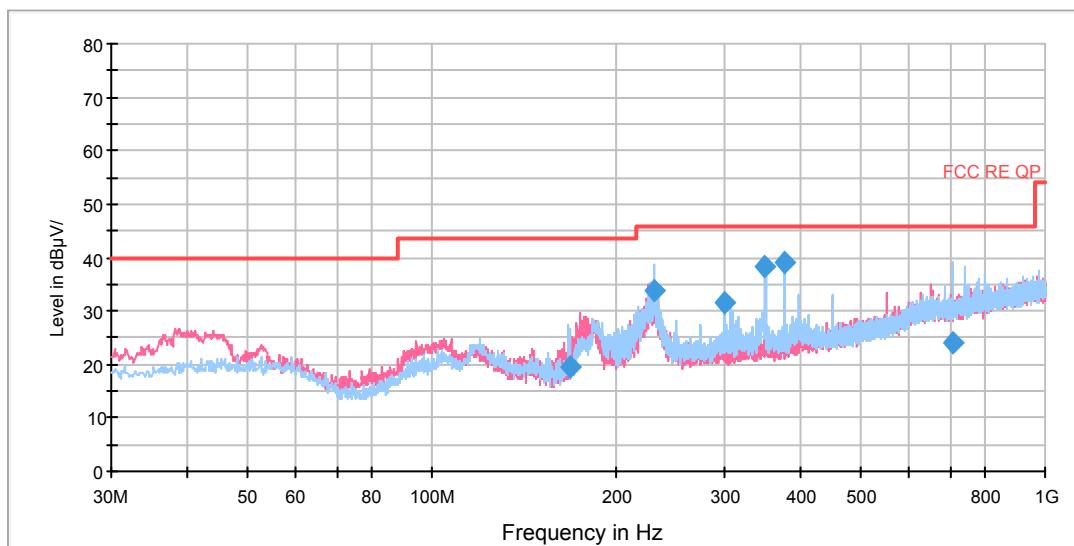
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28231.375000	14.2	100.0	H	0.0	35.9	-21.7	39.8	54
30269.875000	15.0	100.0	H	0.0	36.8	-21.8	39.0	54
30880.750000	15.9	100.0	H	0.0	37.2	-21.3	38.1	54
33874.375000	15.6	100.0	V	0.0	37.2	-21.6	38.4	54
37286.500000	18.3	100.0	V	0.0	39.7	-21.4	35.7	54
39919.000000	24.4	100.0	H	0.0	44.8	-20.4	29.6	54

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



RE 0.03-1GHz QP Class B



Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dB μ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
167.536250	19.6	125.0	H	92.0	29.7	10.1	23.9	43.5
229.901250	33.7	100.0	H	61.0	46.9	13.2	12.3	46.0
299.983750	31.4	100.0	H	76.0	46.9	15.5	14.6	46.0
349.978750	38.2	100.0	H	0.0	54.9	16.7	7.8	46.0
374.996250	39.1	100.0	H	131.0	56.5	17.4	6.9	46.0
708.958750	24.1	100.0	H	0.0	47.1	23.0	21.9	46.0

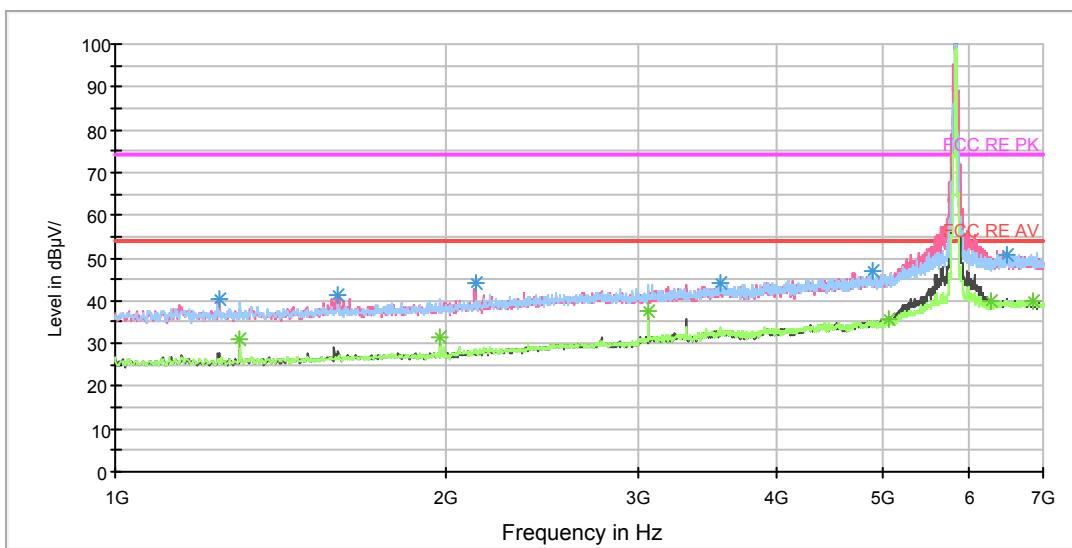
Remark: 1. Quasi-Peak = Reading value + Correction factor

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

3. Margin = Limit – Quasi-Peak



Copy of RE 1G-7GHz PK+AV Class A



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 7GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1244.500000	40.3	100.0	V	92.0	50.7	-10.4	33.7	74
1592.500000	41.4	100.0	V	206.0	50.4	-9.0	32.6	74
2129.500000	44.2	100.0	V	342.0	51.1	-6.9	29.8	74
3563.500000	44.4	100.0	H	0.0	47.0	-2.6	29.6	74
4889.500000	47.0	100.0	H	0.0	47.5	-0.5	27.0	74
6502.000000	50.6	100.0	V	165.0	56.0	5.4	23.4	74

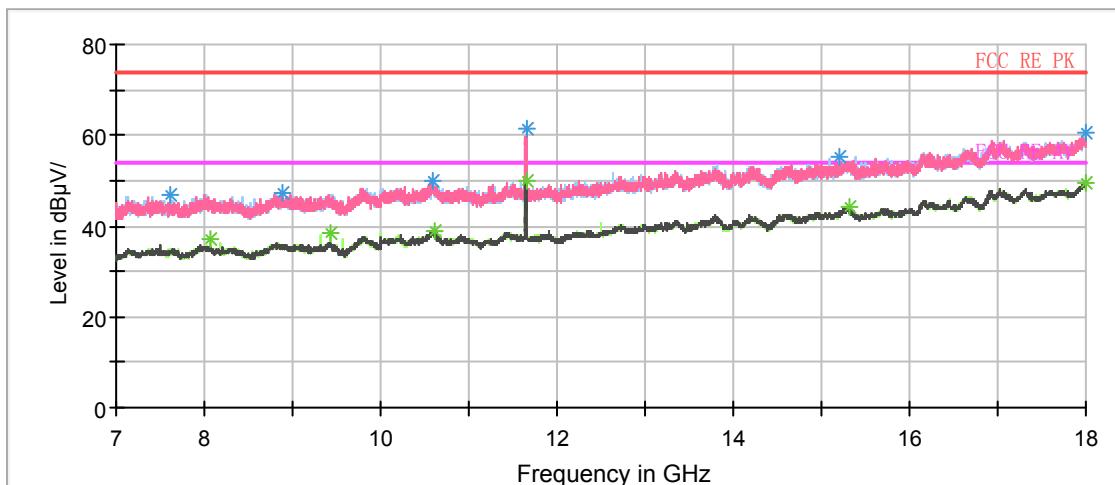
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1300.000000	30.9	100.0	H	0.0	41.0	-10.1	23.1	54
1979.500000	31.7	100.0	H	0.0	39.6	-7.9	22.3	54
3062.500000	37.4	100.0	H	19.0	41.1	-3.7	16.6	54
5060.500000	35.8	100.0	V	307.0	36.1	-0.3	18.2	54
6274.000000	40.0	100.0	V	206.0	44.3	4.3	14.0	54
6853.000000	39.9	100.0	H	6.0	44.9	5.0	14.1	54

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



RE 3-18GHz PK+AV



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)
8061.500000	44.7	101.0	H	34.0	53.4	8.7	29.3	74
9436.500000	46.9	101.0	H	50.0	57.8	10.9	27.1	74
10603.875000	47.1	101.0	V	0.0	60.7	13.6	26.9	74
11651.625000	61.5	101.0	V	87.0	75.0	13.5	12.5	74
15311.875000	52.9	101.0	H	180.0	72.4	19.5	21.1	74
17998.625000	60.5	101.0	H	0.0	85.9	25.4	13.5	74

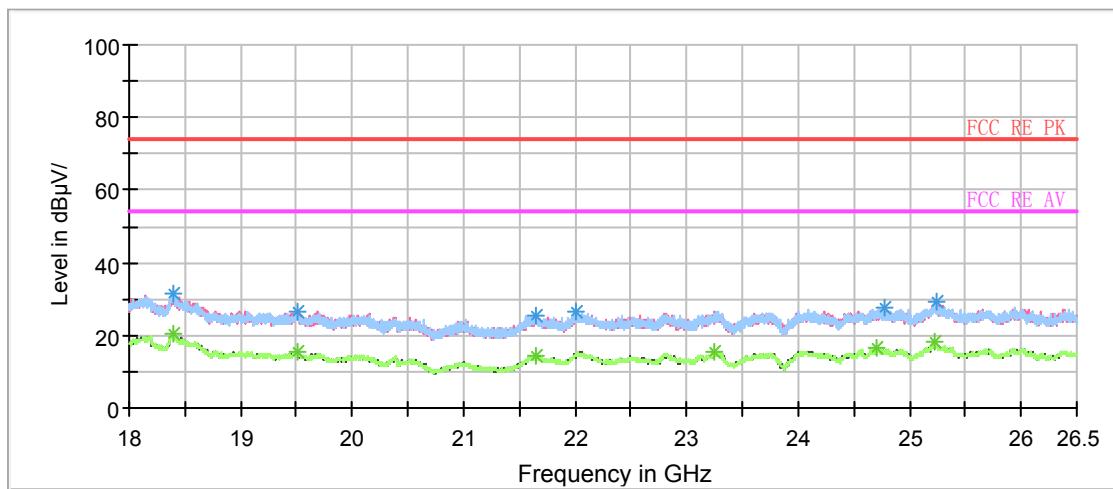
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	MARGIN (dB)	Limit (dBuV/m)
8061.500000	37.3	101.0	H	34.0	46.0	8.7	16.7	54
9436.500000	38.6	101.0	H	50.0	49.5	10.9	15.4	54
10603.875000	38.9	101.0	V	0.0	52.5	13.6	15.1	54
11651.625000	50.1	101.0	V	87.0	63.6	13.5	3.9	54
15311.875000	44.0	101.0	H	180.0	63.5	19.5	10.0	54
17998.625000	49.7	101.0	H	0.0	75.1	25.4	4.3	54

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



RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

Frequency (MHz)	Peak (dB μ V/m)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
18392.062500	29.5	H	0.0	34.4	-4.9	44.5	74
19503.437500	25.0	V	99.0	32.5	-7.5	49.0	74
21653.937500	24.5	H	125.0	33.7	-9.2	49.5	74
23254.062500	24.7	H	133.0	32.2	-7.5	49.3	74
24710.750000	26.3	H	42.0	32.9	-6.6	47.7	74
25229.250000	27.1	V	351.0	33.0	-5.9	46.9	74

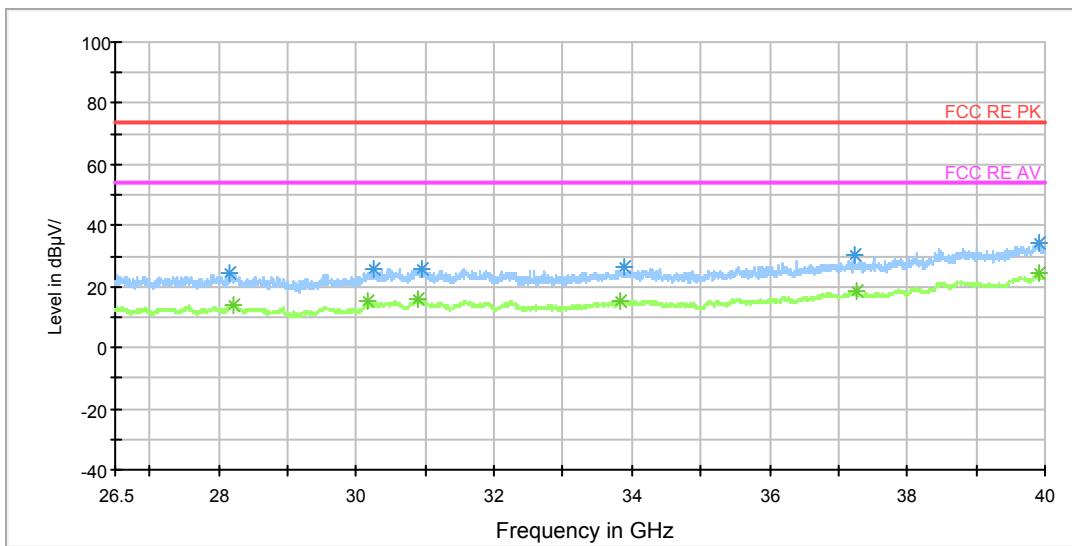
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dB μ V/m)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
18392.062500	20.3	H	0.0	25.2	-4.9	33.7	54
19503.437500	15.6	V	99.0	23.1	-7.5	38.4	54
21653.937500	14.2	H	125.0	23.4	-9.2	39.8	54
23254.062500	15.4	H	133.0	22.9	-7.5	38.6	54
24710.750000	16.3	H	42.0	22.9	-6.6	37.7	54
25229.250000	18.2	V	351.0	24.1	-5.9	35.8	54

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



RE 26.5-40GHz PK+AV Class B



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dB μ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
28207.750000	22.0	100.0	V	0.0	43.7	-21.7	52.0	74
30151.750000	24.0	100.0	H	0.0	46.0	-22.0	50.0	74
30901.000000	25.5	100.0	V	0.0	46.8	-21.3	48.5	74
33833.875000	22.9	100.0	V	0.0	44.5	-21.6	51.1	74
37259.500000	26.0	100.0	H	0.0	47.4	-21.4	48.0	74
39912.250000	34.3	100.0	V	0.0	54.7	-20.4	39.7	74

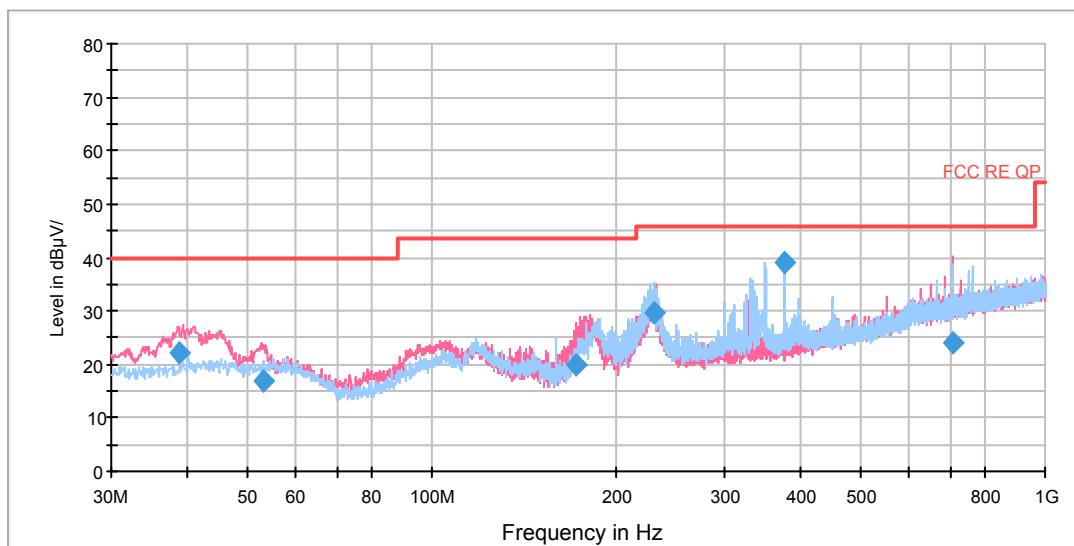
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dB μ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
28207.750000	13.9	100.0	V	0.0	35.6	-21.7	40.1	54
30151.750000	15.2	100.0	H	0.0	37.2	-22.0	38.8	54
30901.000000	16.1	100.0	V	0.0	37.4	-21.3	37.9	54
33833.875000	15.4	100.0	V	0.0	37.0	-21.6	38.6	54
37259.500000	18.6	100.0	H	0.0	40.0	-21.4	35.4	54
39912.250000	24.7	100.0	V	0.0	45.1	-20.4	29.3	54

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



RE 0.03-1GHz QP Class B



Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
38.775000	22.3	100.0	V	193.0	35.2	12.9	17.7	40.0
53.326250	17.0	100.0	V	274.0	29.8	12.8	23.0	40.0
172.023750	19.8	100.0	V	341.0	30.2	10.4	23.7	43.5
229.901250	29.6	100.0	H	44.0	42.8	13.2	16.4	46.0
374.996250	39.1	100.0	H	126.0	56.5	17.4	6.9	46.0
708.998750	24.1	100.0	V	246.0	47.1	23.0	21.9	46.0

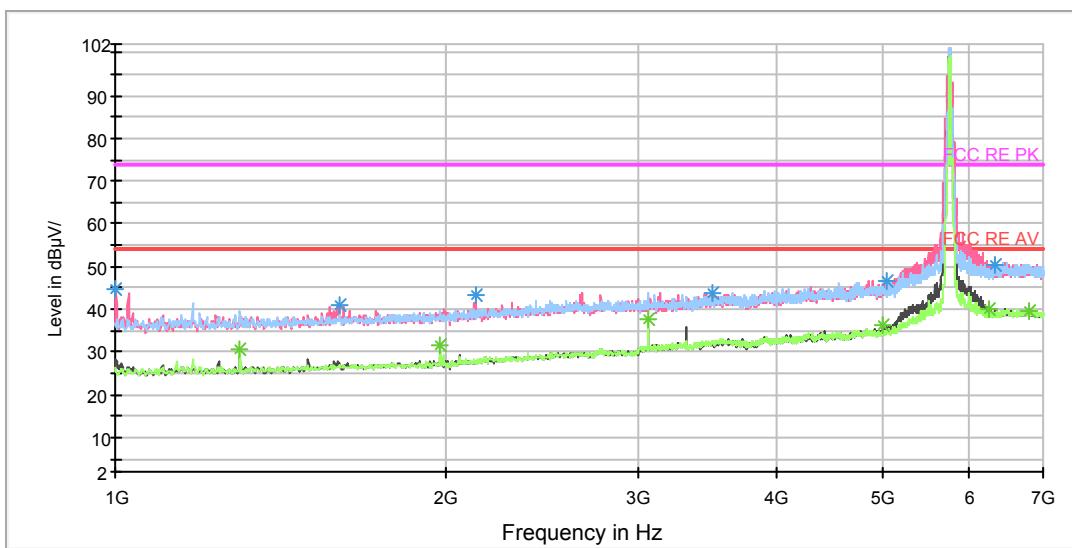
Remark: 1. Quasi-Peak = Reading value + Correction factor

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

3. Margin = Limit – Quasi-Peak



Copy of RE 1G-7GHz PK+AV Class A



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 7GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1001.500000	44.7	100.0	V	201.0	56.1	-11.4	29.3	74
1598.500000	41.0	100.0	V	56.0	50.0	-9.0	33.0	74
2129.500000	43.4	100.0	V	98.0	50.3	-6.9	30.6	74
3503.500000	43.8	100.0	V	356.0	46.5	-2.7	30.2	74
5035.000000	46.6	100.0	H	87.0	46.9	-0.3	27.4	74
6332.500000	50.4	100.0	V	251.0	55.0	4.6	23.6	74

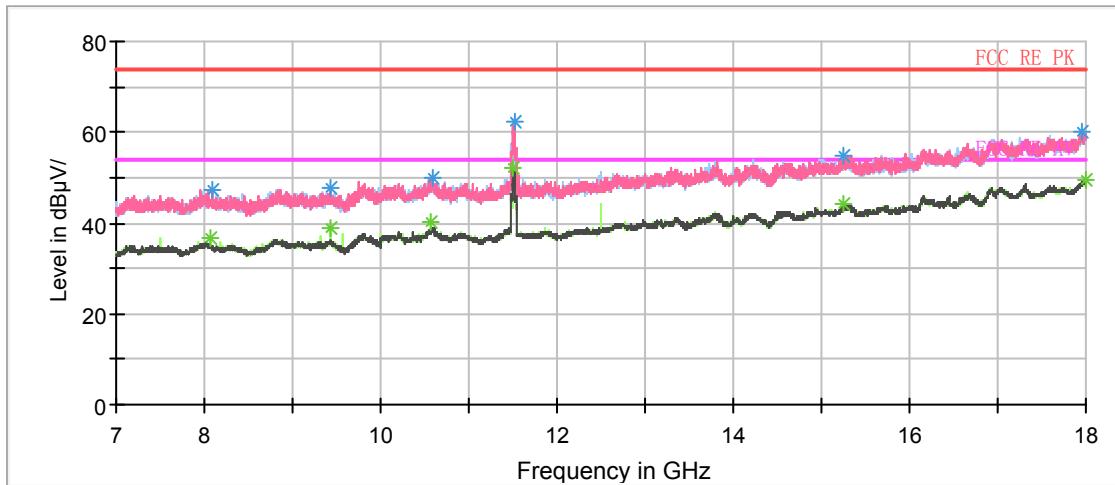
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1300.000000	30.6	100.0	H	0.0	40.7	-10.1	23.4	54
1979.500000	31.8	100.0	H	346.0	39.7	-7.9	22.2	54
3062.500000	37.8	100.0	H	11.0	41.5	-3.7	16.2	54
5000.500000	36.3	100.0	V	292.0	36.6	-0.3	17.7	54
6260.500000	40.0	100.0	V	128.0	44.2	4.2	14.0	54
6803.500000	39.5	100.0	V	251.0	44.5	5.0	14.5	54

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



RE 3-18GHz PK+AV



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)
8061.500000	45.0	101.0	H	63.0	53.7	8.7	29.0	74
9436.500000	47.5	101.0	H	63.0	58.4	10.9	26.5	74
10562.625000	48.1	101.0	H	179.0	61.4	13.3	25.9	74
11503.125000	59.7	101.0	V	90.0	73.7	14.0	14.3	74
15254.125000	53.6	101.0	H	78.0	73.3	19.7	20.4	74
18000.000000	58.7	101.0	V	46.0	84.1	25.4	15.3	74

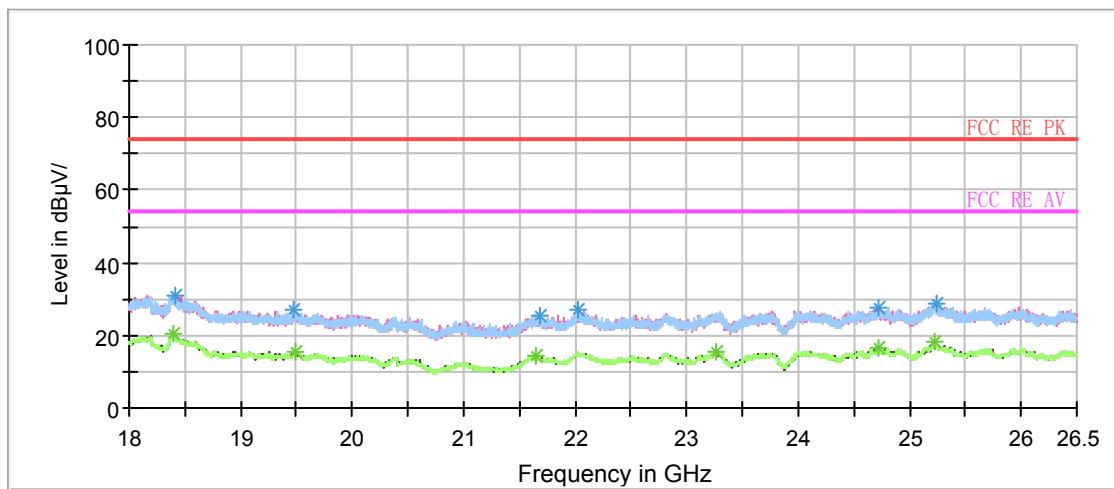
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	MARGIN (dB)	Limit (dBuV/m)
8061.500000	36.8	101.0	H	63.0	45.5	8.7	17.2	54
9436.500000	39.0	101.0	H	63.0	49.9	10.9	15.0	54
10562.625000	40.3	101.0	H	179.0	53.6	13.3	13.7	54
11503.125000	52.0	101.0	V	90.0	66.0	14.0	2.0	54
15254.125000	44.1	101.0	H	78.0	63.8	19.7	9.9	54
18000.000000	49.6	101.0	V	46.0	75.0	25.4	4.4	54

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



RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

Frequency (MHz)	Peak (dB μ V/m)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
18393.125000	29.0	H	194.0	33.9	-4.9	45.0	74
19500.250000	26.3	V	328.0	33.8	-7.5	47.7	74
21643.312500	23.5	H	203.0	32.6	-9.1	50.5	74
23271.062500	25.3	H	237.0	32.5	-7.2	48.7	74
24729.875000	26.1	H	75.0	32.3	-6.2	47.9	74
25221.812500	27.1	H	211.0	33.0	-5.9	46.9	74

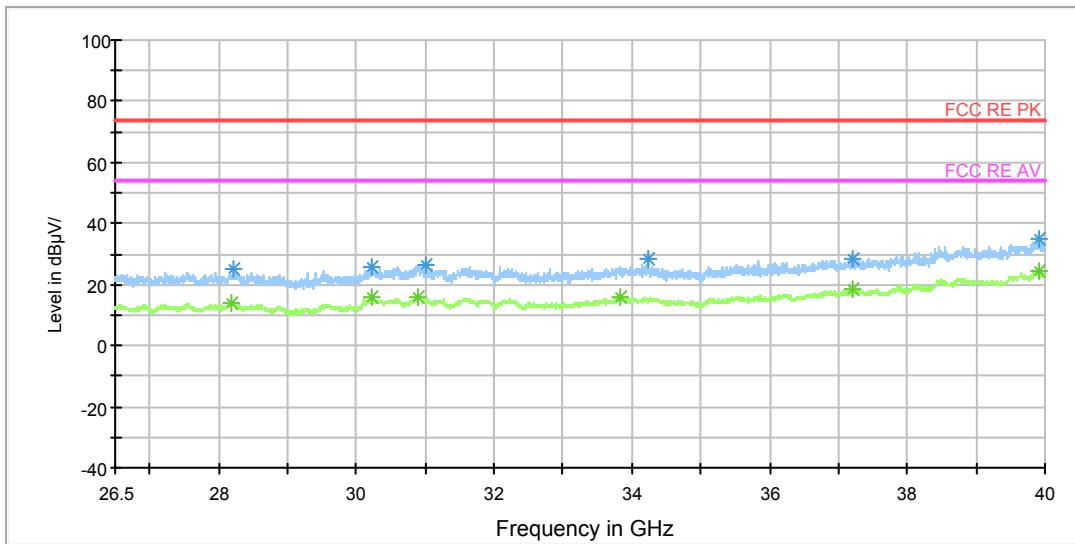
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dB μ V/m)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
18393.125000	20.3	H	194.0	25.2	-4.9	33.7	54
19500.250000	15.5	V	328.0	23.0	-7.5	38.5	54
21643.312500	14.2	H	203.0	23.3	-9.1	39.8	54
23271.062500	15.5	H	237.0	22.7	-7.2	38.5	54
24729.875000	16.5	H	75.0	22.7	-6.2	37.5	54
25221.812500	18.0	H	211.0	23.9	-5.9	36.0	54

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



RE 26.5-40GHz PK+AV Class B



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dB μ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
28194.250000	22.3	100.0	H	0.0	43.9	-21.6	51.7	74
30222.625000	24.4	100.0	V	0.0	46.3	-21.9	49.6	74
30897.625000	24.1	100.0	V	0.0	45.4	-21.3	49.9	74
33837.250000	24.5	100.0	V	0.0	46.1	-21.6	49.5	74
37205.500000	26.4	100.0	H	0.0	47.8	-21.4	47.6	74
39912.250000	31.8	100.0	V	0.0	52.2	-20.4	42.2	74

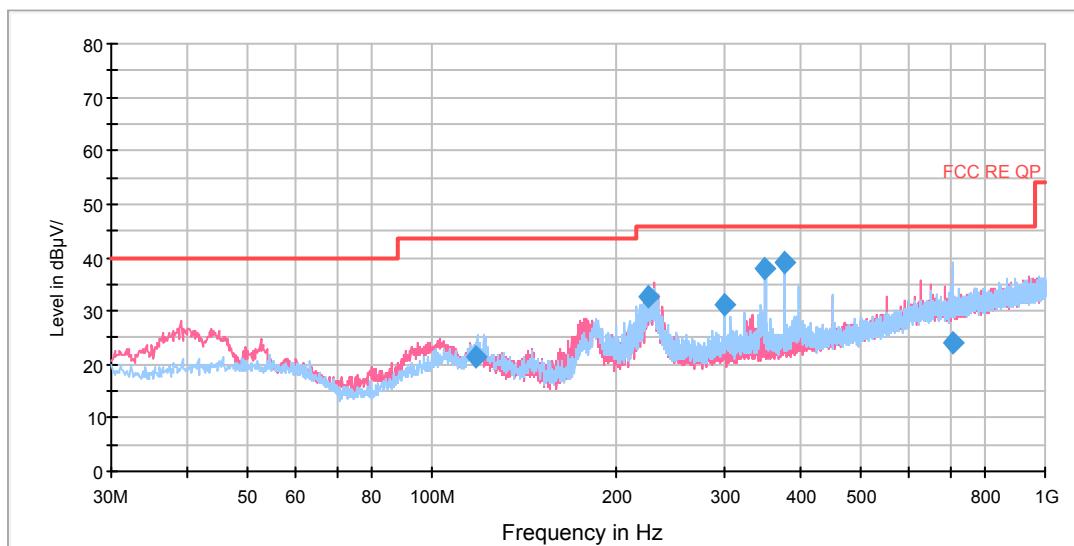
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dB μ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
28194.250000	14.1	100.0	H	0.0	35.7	-21.6	39.9	54
30222.625000	15.6	100.0	V	0.0	37.5	-21.9	38.4	54
30897.625000	16.0	100.0	V	0.0	37.3	-21.3	38.0	54
33837.250000	16.1	100.0	V	0.0	37.7	-21.6	37.9	54
37205.500000	18.3	100.0	H	0.0	39.7	-21.4	35.7	54
39912.250000	24.4	100.0	V	0.0	44.8	-20.4	29.6	54

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



RE 0.03-1GHz QP Class B



Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dB μ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
118.072500	21.5	125.0	H	259.0	32.4	10.9	22.0	43.5
226.022500	32.6	114.0	H	50.0	45.7	13.1	13.4	46.0
299.983750	31.0	100.0	H	274.0	46.5	15.5	15.0	46.0
349.978750	38.1	100.0	H	4.0	54.8	16.7	7.9	46.0
374.996250	39.1	100.0	H	141.0	56.5	17.4	6.9	46.0
709.002500	24.0	100.0	H	4.0	47.0	23.0	22.0	46.0

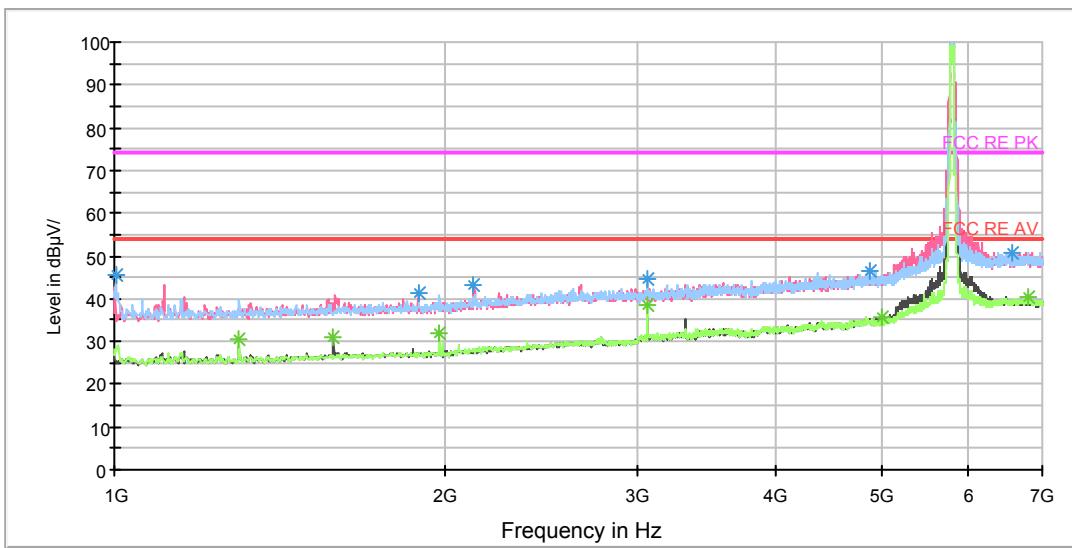
Remark: 1. Quasi-Peak = Reading value + Correction factor

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

3. Margin = Limit – Quasi-Peak



Copy of RE 1G-7GHz PK+AV Class A



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 7GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1003.000000	45.3	100.0	H	165.0	56.7	-11.4	28.7	74
1891.000000	41.1	100.0	V	181.0	49.2	-8.1	32.9	74
2125.000000	43.2	100.0	V	0.0	50.2	-7.0	30.8	74
3062.500000	44.4	100.0	H	24.0	48.1	-3.7	29.6	74
4868.500000	46.6	100.0	V	355.0	47.1	-0.5	27.4	74
6581.500000	50.6	100.0	H	1.0	55.8	5.2	23.4	74

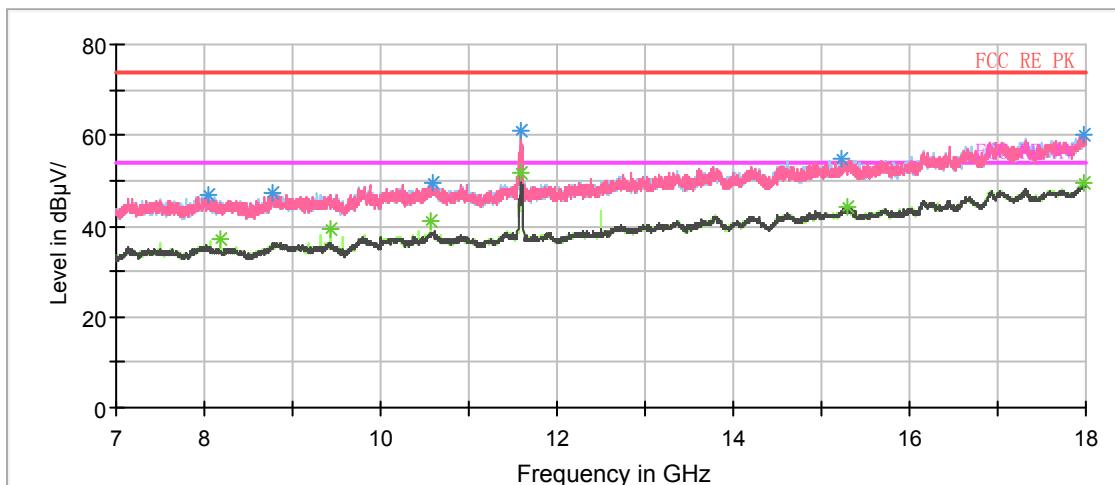
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1300.000000	30.7	100.0	H	347.0	40.8	-10.1	23.3	54
1583.500000	30.9	100.0	V	0.0	39.9	-9.0	23.1	54
1979.500000	31.9	100.0	H	347.0	39.8	-7.9	22.1	54
3062.500000	38.4	100.0	H	24.0	42.1	-3.7	15.6	54
5000.500000	35.9	100.0	V	293.0	36.2	-0.3	18.1	54
6803.500000	40.6	100.0	V	352.0	45.6	5.0	13.4	54

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



RE 3-18GHz PK+AV



Radiates Emission from 7GHz to 18GHz

Frequency (MHz)	Peak (dB μ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
8186.625000	45.5	101.0	H	28.0	54.7	9.2	28.5	74
9436.500000	46.8	101.0	H	61.0	57.7	10.9	27.2	74
10562.625000	48.1	101.0	H	61.0	61.4	13.3	25.9	74
11589.750000	61.0	101.0	H	150.0	74.9	13.9	13.0	74
15287.125000	52.7	101.0	V	0.0	72.3	19.6	21.3	74
17967.000000	57.6	101.0	V	121.0	82.6	25.0	16.4	74

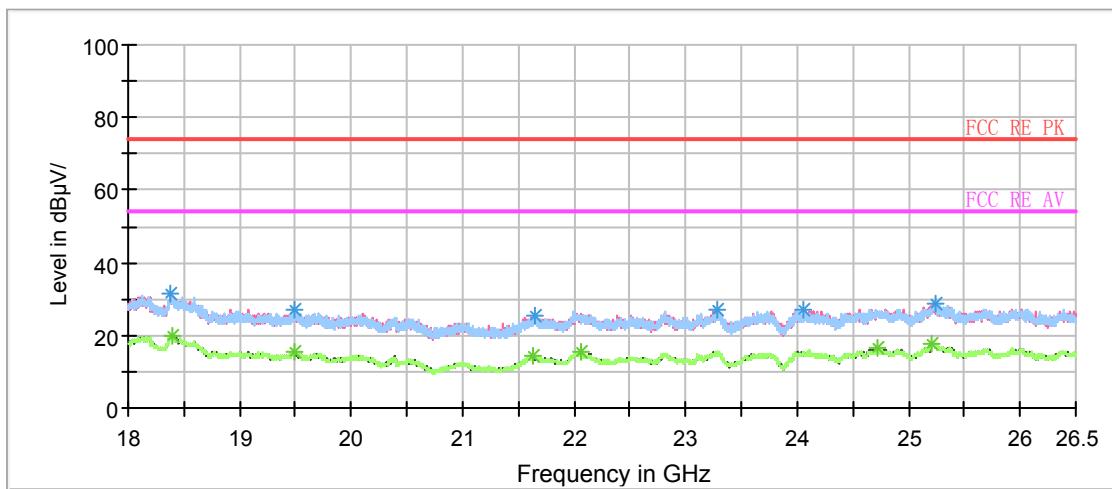
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dB μ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
8186.625000	37.1	101.0	H	28.0	46.3	9.2	16.9	54
9436.500000	39.4	101.0	H	61.0	50.3	10.9	14.6	54
10562.625000	40.9	101.0	H	61.0	54.2	13.3	13.1	54
11589.750000	51.7	101.0	H	150.0	65.6	13.9	2.3	54
15287.125000	44.2	101.0	V	0.0	63.8	19.6	9.8	54
17967.000000	49.5	101.0	V	121.0	74.5	25.0	4.5	54

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



RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

Frequency (MHz)	Peak (dB μ V/m)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
18394.187500	29.5	V	244.0	34.4	-4.9	44.5	74
19499.187500	25.0	V	303.0	32.5	-7.5	49.0	74
21631.625000	23.7	V	336.0	32.8	-9.1	50.3	74
22056.625000	24.7	V	210.0	32.8	-8.1	49.3	74
24725.625000	26.1	H	0.0	32.3	-6.2	47.9	74
25209.062500	26.7	V	126.0	33.0	-6.3	47.3	74

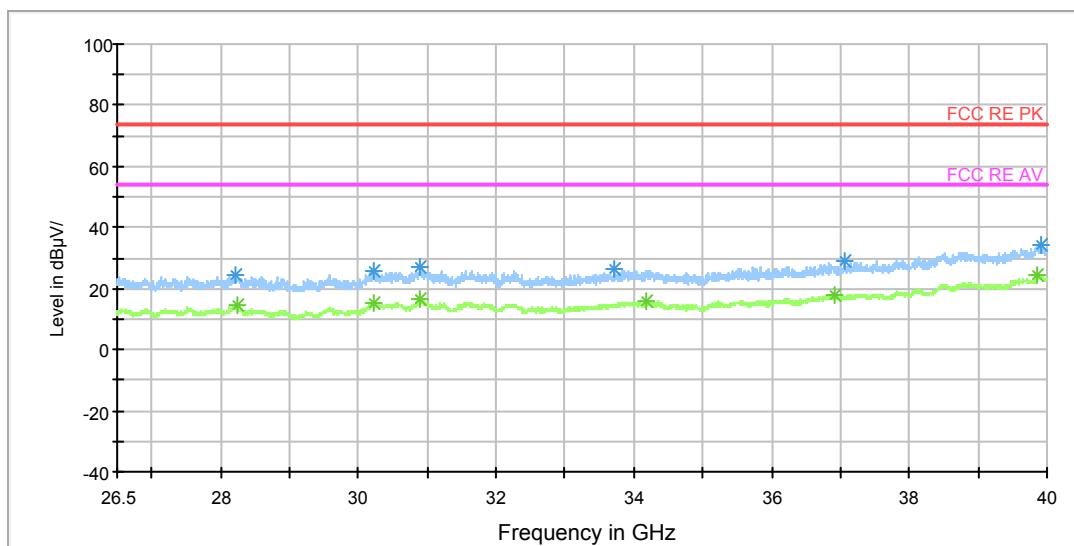
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dB μ V/m)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
18394.187500	20.0	V	244.0	24.9	-4.9	34.0	54
19499.187500	15.6	V	303.0	23.1	-7.5	38.4	54
21631.625000	14.2	V	336.0	23.3	-9.1	39.8	54
22056.625000	15.6	V	210.0	23.7	-8.1	38.4	54
24725.625000	16.5	H	0.0	22.7	-6.2	37.5	54
25209.062500	17.9	V	126.0	24.2	-6.3	36.1	54

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



RE 26.5-40GHz PK+AV Class B



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dB μ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
28248.250000	22.9	100.0	V	0.0	44.6	-21.7	51.1	74
30236.125000	24.8	100.0	H	0.0	46.7	-21.9	49.2	74
30901.000000	27.1	100.0	H	0.0	48.4	-21.3	46.9	74
34178.125000	23.7	100.0	V	0.0	45.0	-21.3	50.3	74
36901.750000	27.1	100.0	V	0.0	48.5	-21.4	46.9	74
39854.875000	32.8	100.0	H	0.0	53.2	-20.4	41.2	74

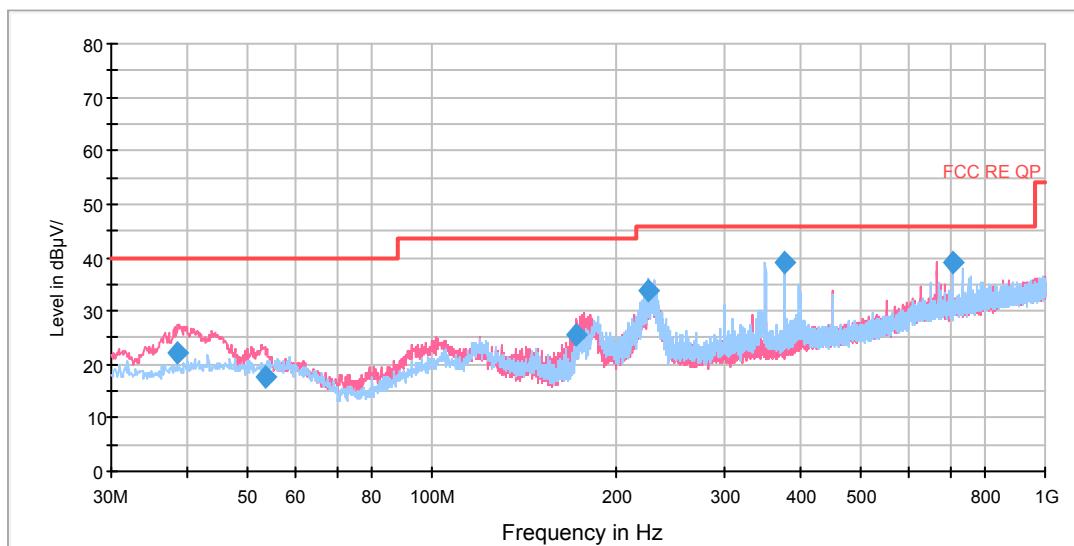
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dB μ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	Margin (dB)	Limit (dB μ V/m)
28248.250000	14.2	100.0	V	0.0	35.9	-21.7	39.8	54
30236.125000	15.4	100.0	H	0.0	37.3	-21.9	38.6	54
30901.000000	16.6	100.0	H	0.0	37.9	-21.3	37.4	54
34178.125000	15.9	100.0	V	0.0	37.2	-21.3	38.1	54
36901.750000	17.9	100.0	V	0.0	39.3	-21.4	36.1	54
39854.875000	24.4	100.0	H	0.0	44.8	-20.4	29.6	54

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



RE 0.03-1GHz QP Class B



Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
38.567500	22.1	100.0	V	110.0	34.9	12.8	17.9	40.0
53.446250	17.6	100.0	V	164.0	30.4	12.8	22.4	40.0
172.548750	25.5	100.0	V	0.0	35.9	10.4	18.0	43.5
225.940000	33.9	125.0	H	296.0	47.0	13.1	12.1	46.0
374.996250	39.0	100.0	H	140.0	56.4	17.4	7.0	46.0
708.640000	38.9	100.0	V	236.0	61.9	23.0	7.1	46.0

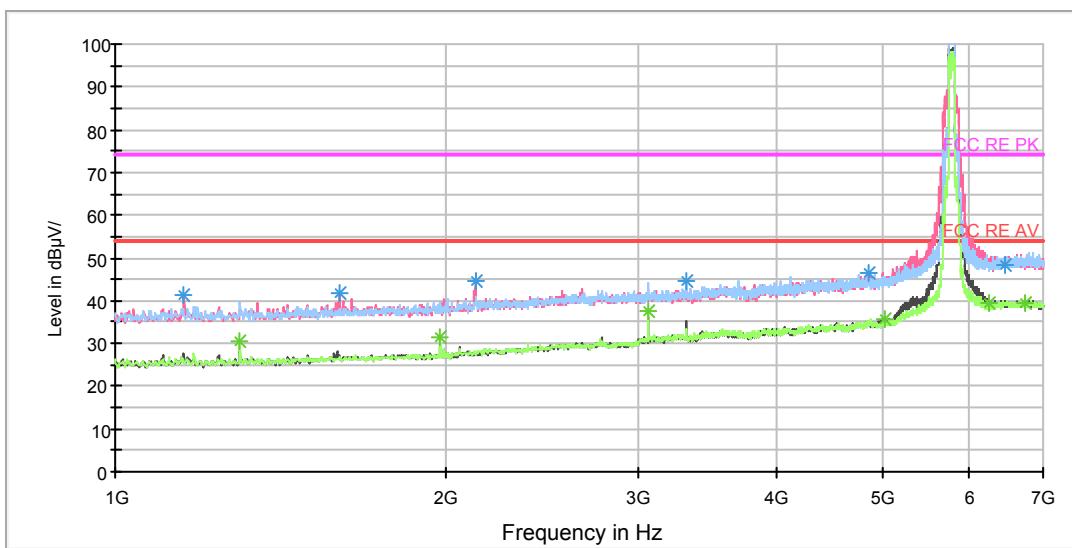
Remark: 1. Quasi-Peak = Reading value + Correction factor

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

3. Margin = Limit – Quasi-Peak



Copy of RE 1G-7GHz PK+AV Class A



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 7GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1156.000000	41.2	100.0	V	240.0	52.0	-10.8	32.8	74
1600.000000	41.8	100.0	V	210.0	50.8	-9.0	32.2	74
2126.500000	44.4	100.0	V	0.0	51.4	-7.0	29.6	74
3313.000000	44.6	100.0	H	262.0	47.7	-3.1	29.4	74
4864.000000	46.6	100.0	V	339.0	47.1	-0.5	27.4	74
6457.000000	48.3	100.0	V	350.0	53.6	5.3	25.7	74

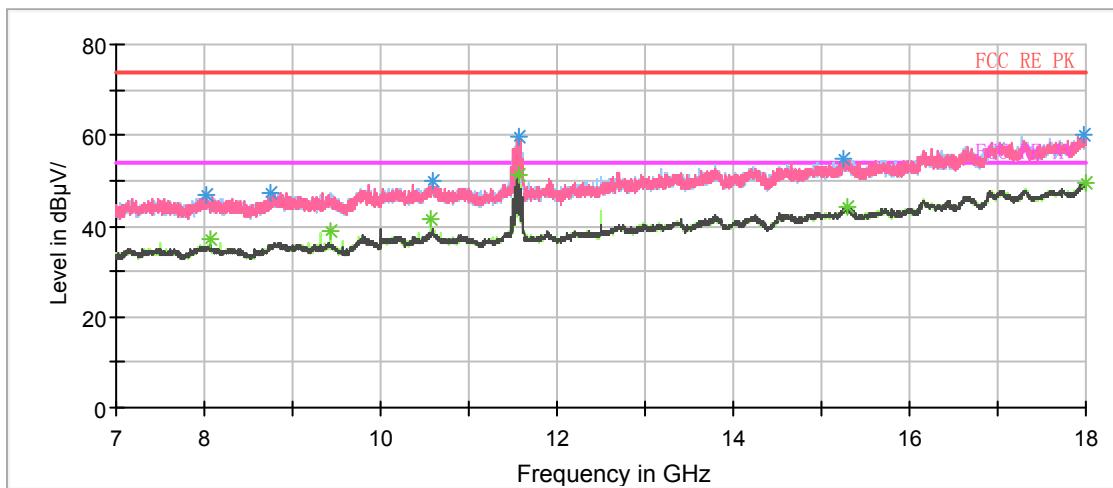
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1300.000000	30.6	100.0	H	355.0	40.7	-10.1	23.4	54
1979.500000	31.6	100.0	H	347.0	39.5	-7.9	22.4	54
3062.500000	37.4	100.0	H	24.0	41.1	-3.7	16.6	54
5027.500000	35.8	100.0	V	302.0	36.1	-0.3	18.2	54
6245.500000	39.6	100.0	V	250.0	43.7	4.1	14.4	54
6728.500000	39.4	100.0	H	57.0	44.4	5.0	14.6	54

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



RE 3-18GHz PK+AV



Radiates Emission from 7GHz to 18GHz

Frequency (MHz)	Peak (dB μ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	MARGIN (dB)	Limit (dB μ V/m)
8061.500000	46.4	101.0	H	28.0	55.1	8.7	27.6	74
9436.500000	47.2	101.0	H	62.0	58.1	10.9	26.8	74
10562.625000	48.8	101.0	H	62.0	62.1	13.3	25.2	74
11562.250000	59.4	101.0	V	95.0	73.3	13.9	14.6	74
15289.875000	54.2	101.0	V	0.0	73.8	19.6	19.8	74
17997.250000	59.5	101.0	H	180.0	84.9	25.4	14.5	74

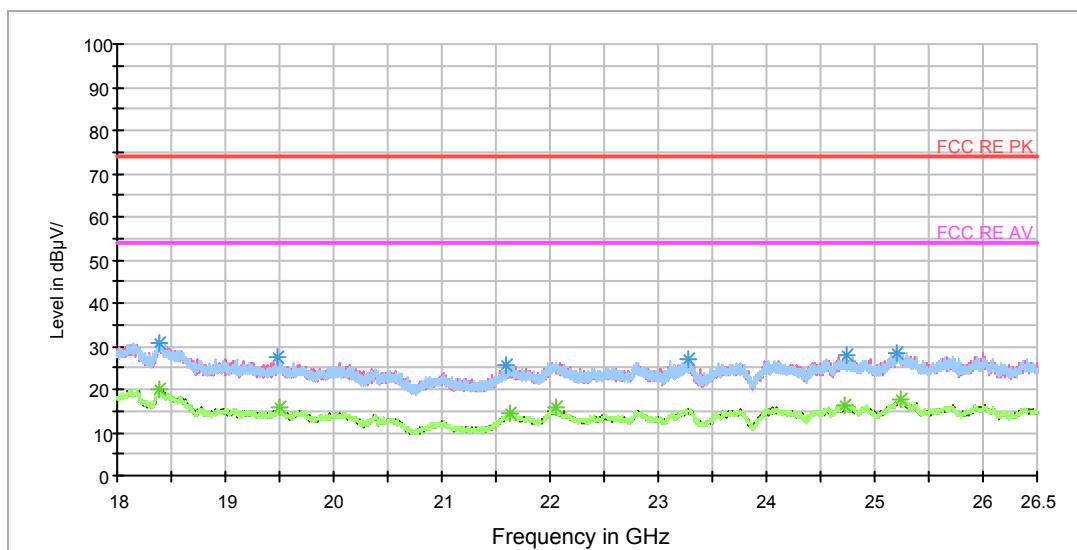
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dB μ V/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dB μ V/m)	Correct Factor (dB)	MARGIN (dB)	Limit (dB μ V/m)
8061.500000	37.2	101.0	H	28.0	45.9	8.7	16.8	54
9436.500000	39.0	101.0	H	62.0	49.9	10.9	15.0	54
10562.625000	41.6	101.0	H	62.0	54.9	13.3	12.4	54
11562.250000	51.5	101.0	V	95.0	65.4	13.9	2.5	54
15289.875000	44.2	101.0	V	0.0	63.8	19.6	9.8	54
17997.250000	49.6	101.0	H	180.0	75.0	25.4	4.4	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)
18383.562500	30.8	V	234.0	35.6	-4.8	43.2	74
19475.812500	27.4	V	73.0	35.3	-7.9	46.6	74
21594.437500	25.5	H	0.0	34.2	-8.7	48.5	74
23277.437500	26.9	H	168.0	34.1	-7.2	47.1	74
24742.625000	28.1	H	0.0	34.6	-6.5	45.9	74
25201.625000	28.5	H	94.0	35.0	-6.5	45.5	74

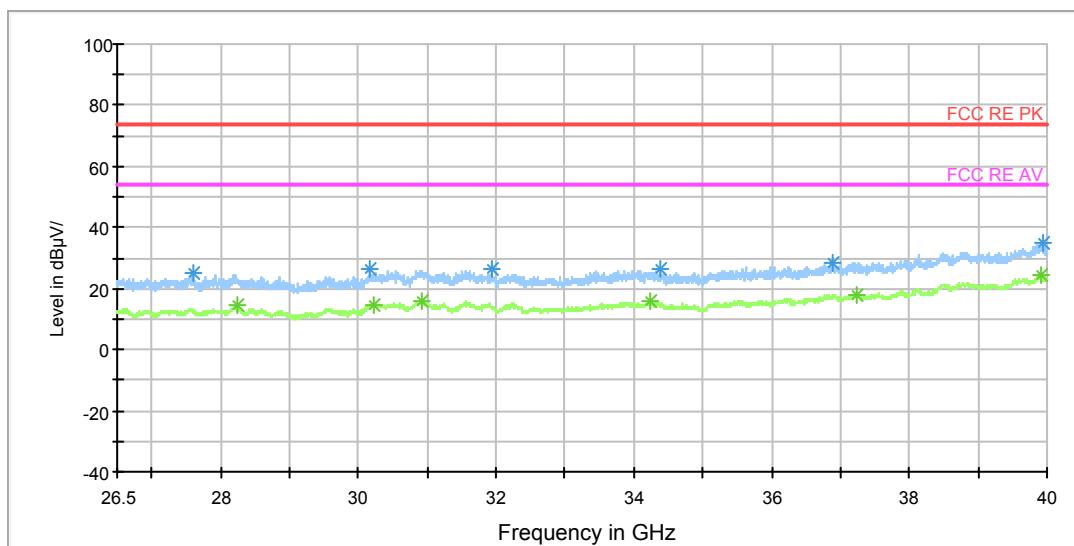
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
18388.875000	20.2	H	118.0	25.1	-4.9	33.8	54
19505.562500	15.6	H	77.0	23.1	-7.5	38.4	54
21627.375000	14.3	V	0.0	23.4	-9.1	39.7	54
22061.937500	15.7	H	10.0	23.8	-8.1	38.3	54
24728.812500	16.4	V	97.0	22.6	-6.2	37.6	54
25232.437500	17.8	V	340.0	23.7	-5.9	36.2	54

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



RE 26.5-40GHz PK+AV Class B



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
28241.500000	22.6	100.0	H	0.0	44.3	-21.7	51.4	74
30222.625000	23.3	100.0	V	0.0	45.2	-21.9	50.7	74
30914.500000	24.9	100.0	H	0.0	46.1	-21.2	49.1	74
34249.000000	23.5	100.0	H	0.0	44.8	-21.3	50.5	74
37242.625000	26.0	100.0	H	0.0	47.4	-21.4	48.0	74
39919.000000	32.7	100.0	H	0.0	53.1	-20.4	41.3	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)
28241.500000	14.4	100.0	H	0.0	36.1	-21.7	39.6	54
30222.625000	14.9	100.0	V	0.0	36.8	-21.9	39.1	54
30914.500000	15.9	100.0	H	0.0	37.1	-21.2	38.1	54
34249.000000	15.8	100.0	H	0.0	37.1	-21.3	38.2	54
37242.625000	18.0	100.0	H	0.0	39.4	-21.4	36.0	54
39919.000000	24.4	100.0	H	0.0	44.8	-20.4	29.6	54

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

5.6. Conducted Emission

Ambient condition

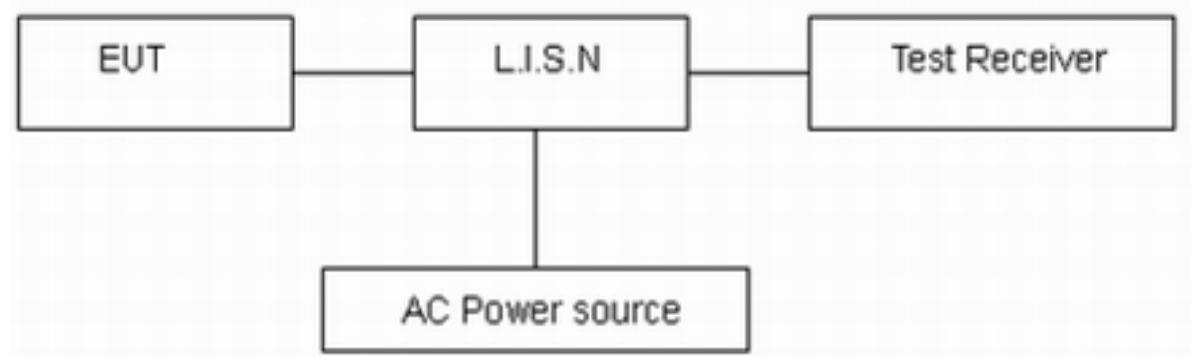
Temperature	Relative humidity	Pressure
23°C ~25°C	45%~50%	101.5kPa

Methods of Measurement

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

The test is in transmitting mode.

Test Setup



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

Limits

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

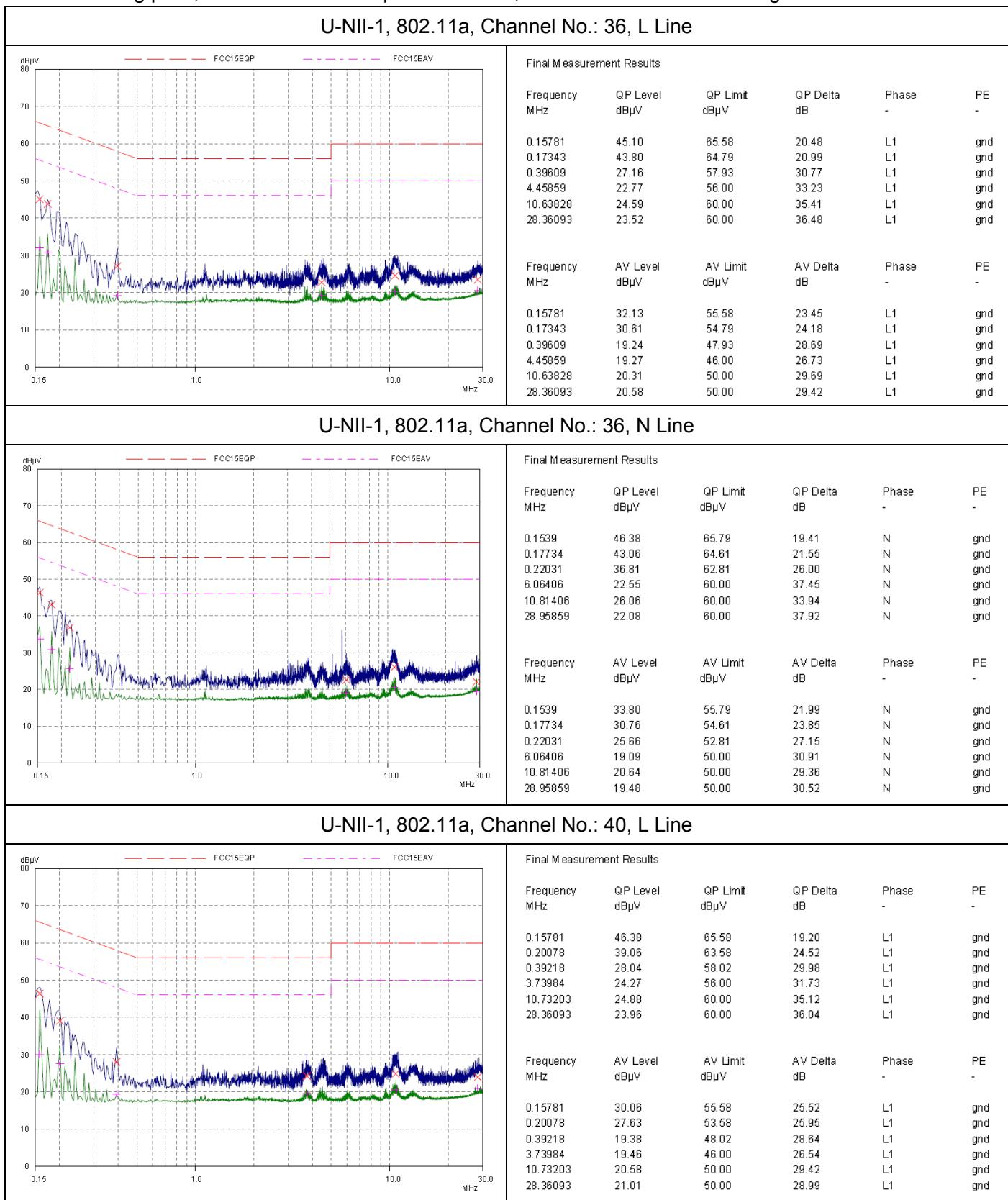
*: Decreases with the logarithm of the frequency.

Measurement Uncertainty

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

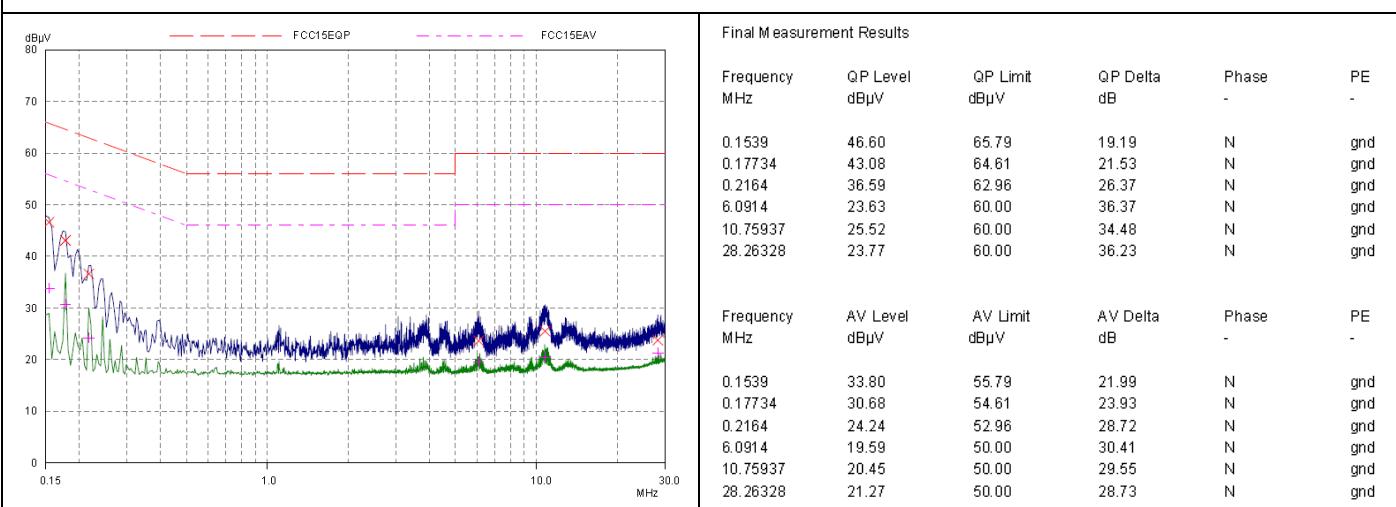
**Test Results:**

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

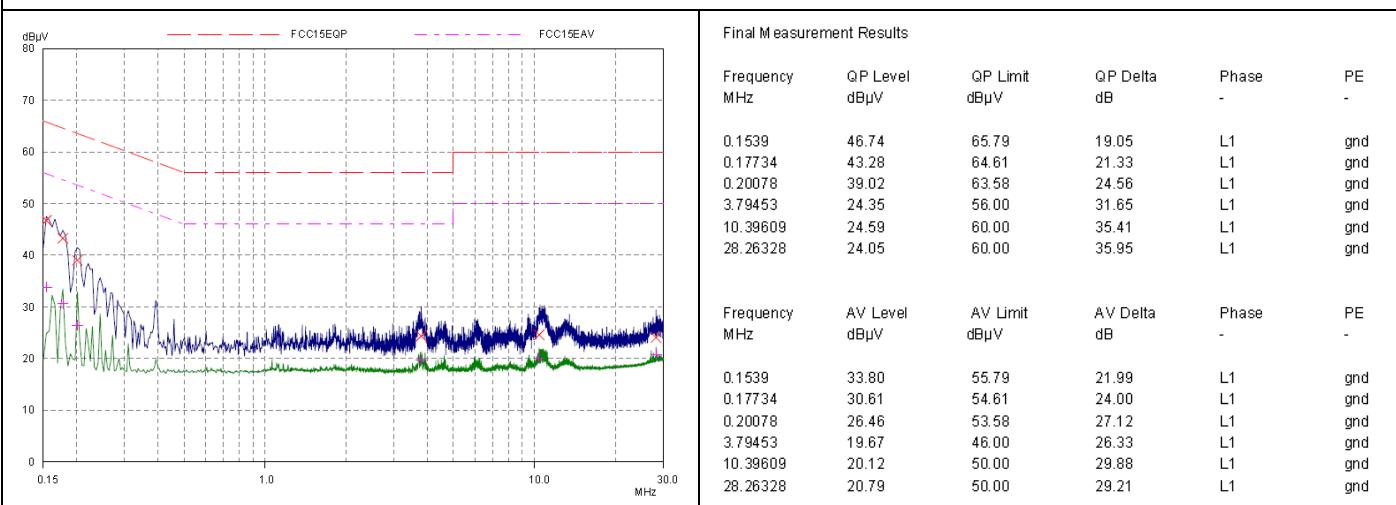




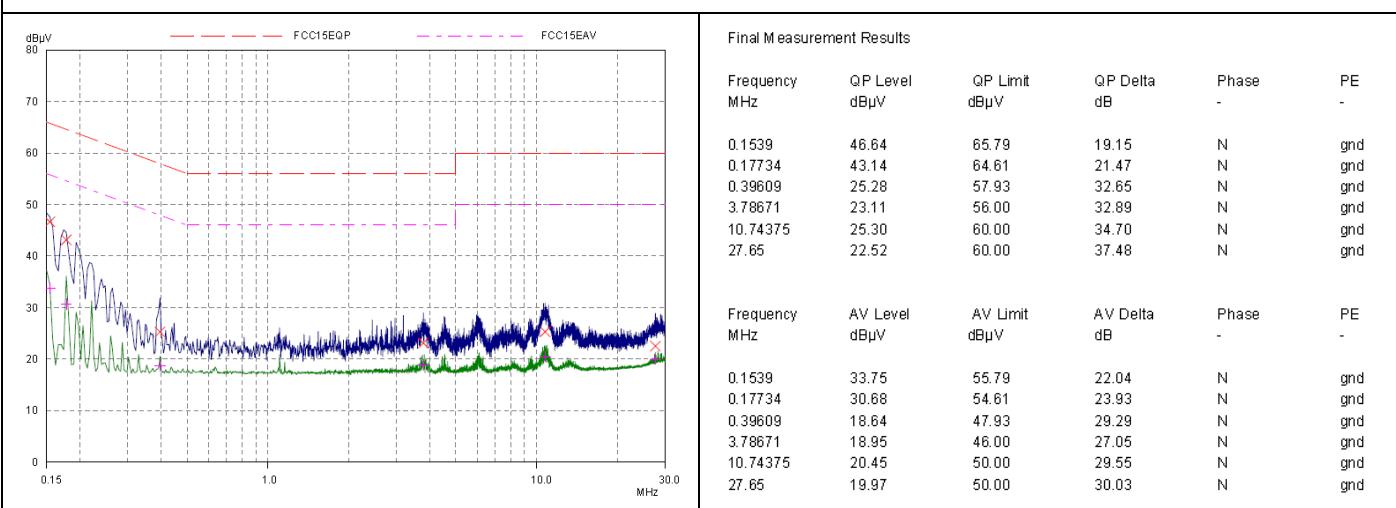
U-NII-1, 802.11a, Channel No.: 40, N Line



U-NII-1, 802.11a, Channel No.: 48, L Line

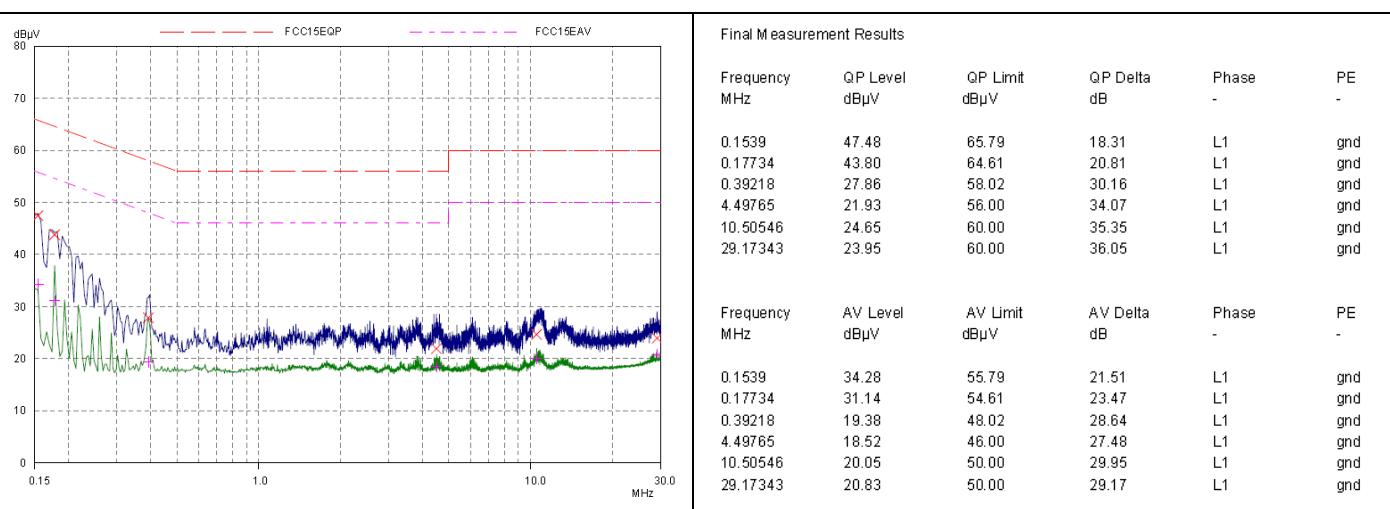


U-NII-1, 802.11a, Channel No.: 48, N Line

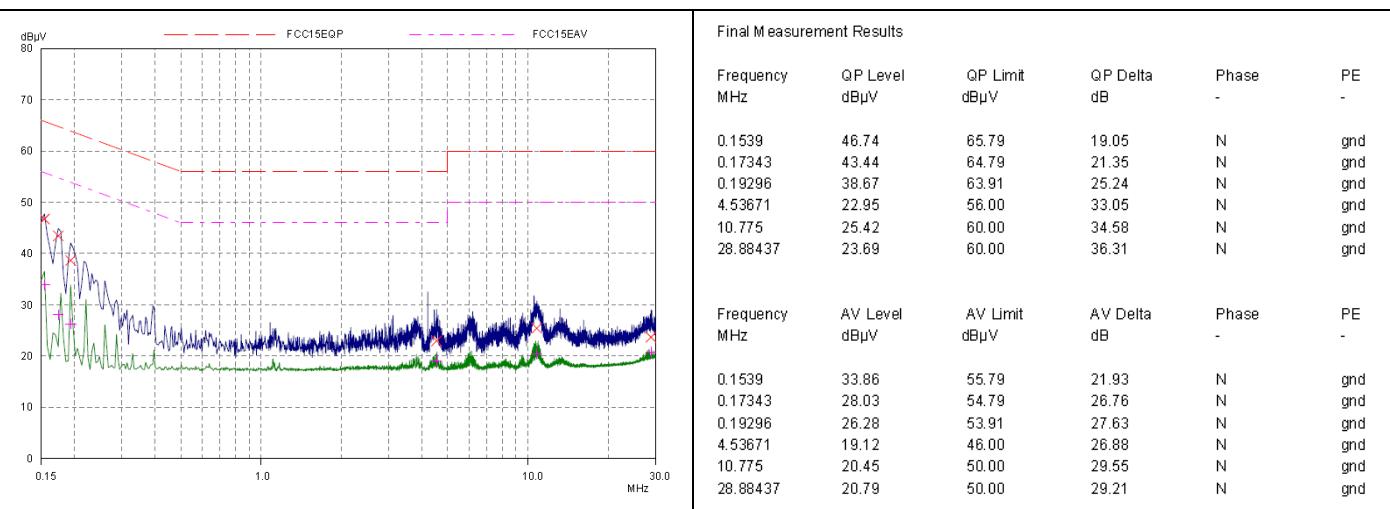




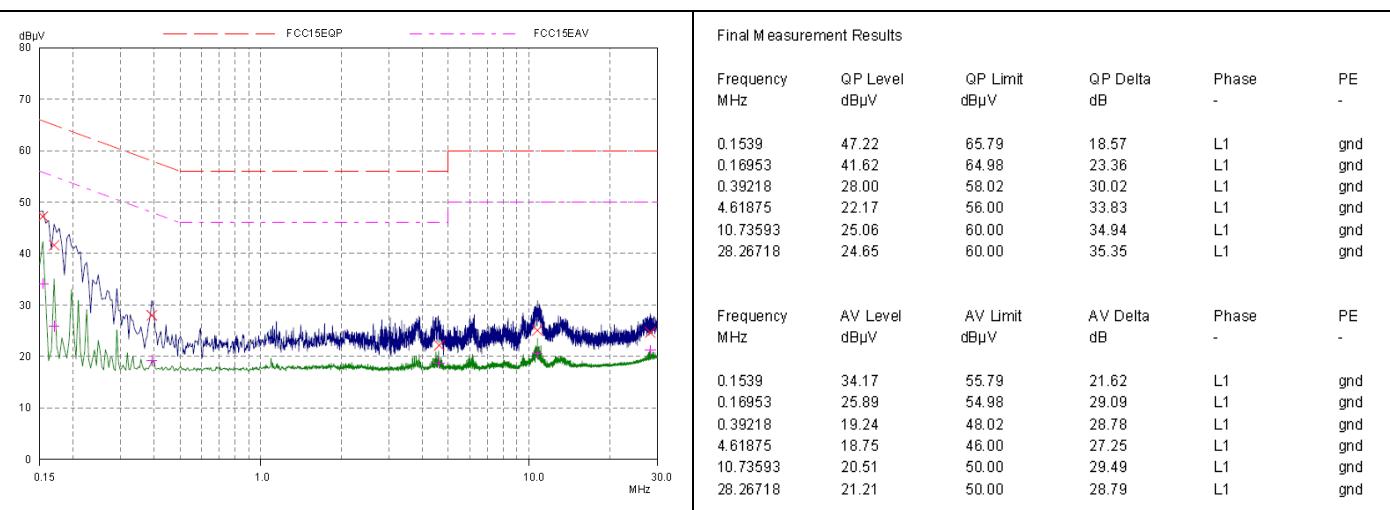
U-NII-1, 802.11n HT20, Channel No.: 36, L Line



U-NII-1, 802.11n HT20, Channel No.: 36, N Line

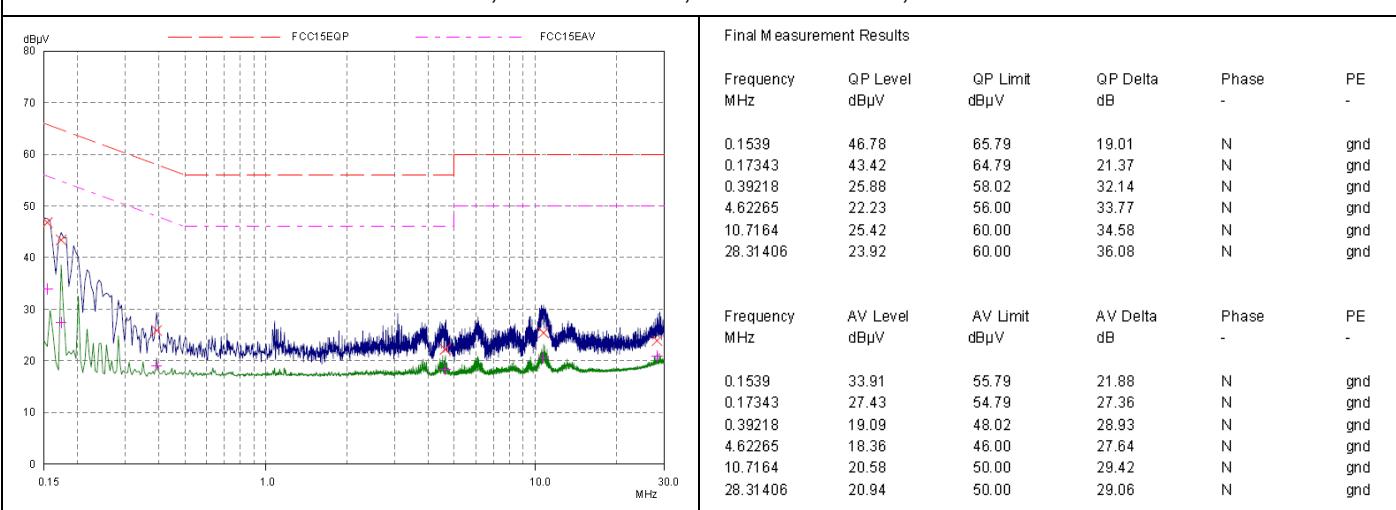


U-NII-1, 802.11n HT20, Channel No.: 40, L Line

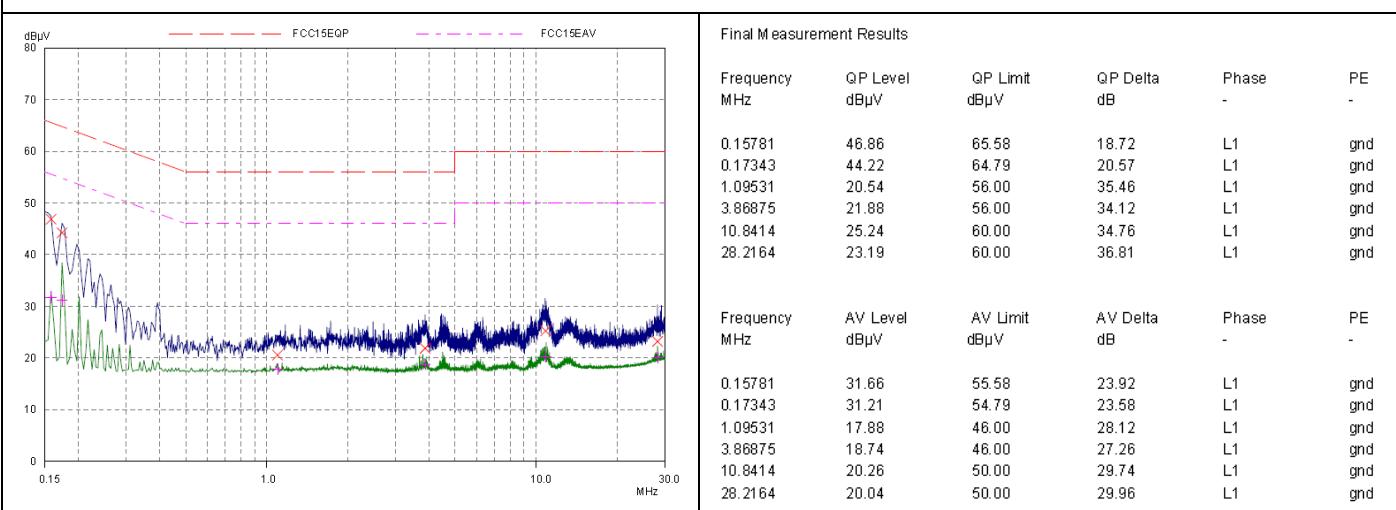




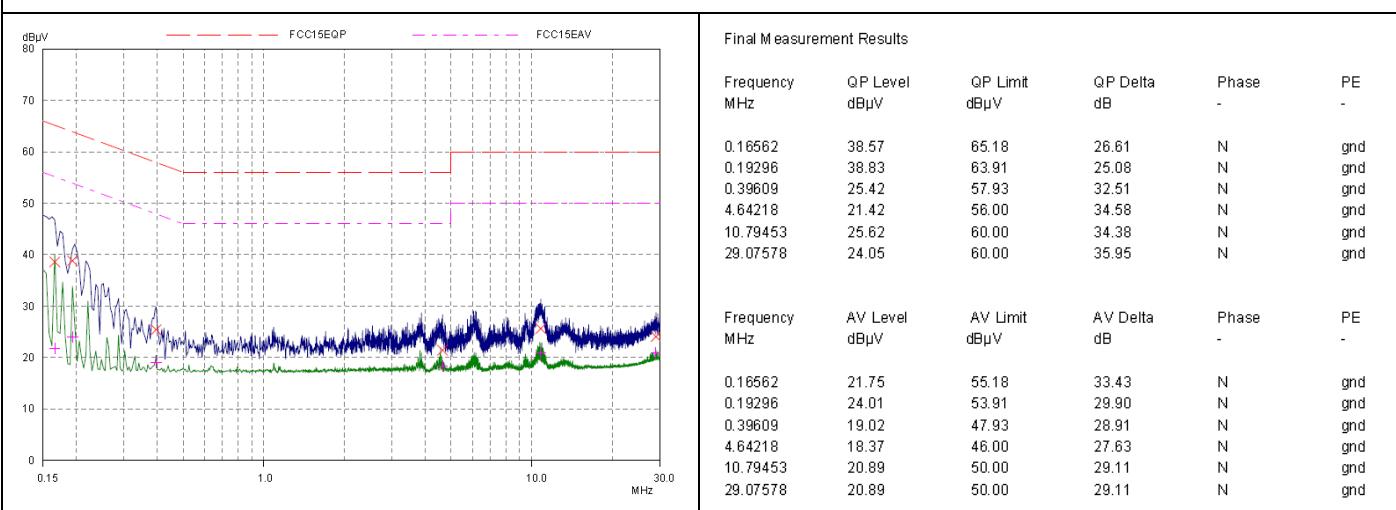
U-NII-1, 802.11n HT20, Channel No.: 40, N Line



U-NII-1, 802.11n HT20, Channel No.: 48, L Line

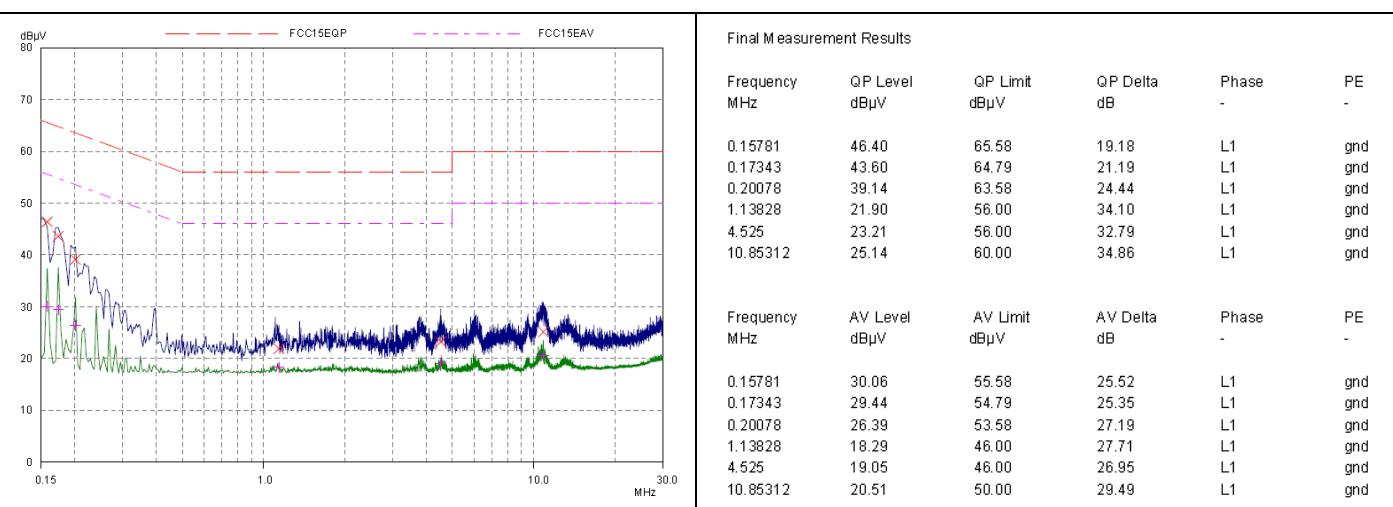


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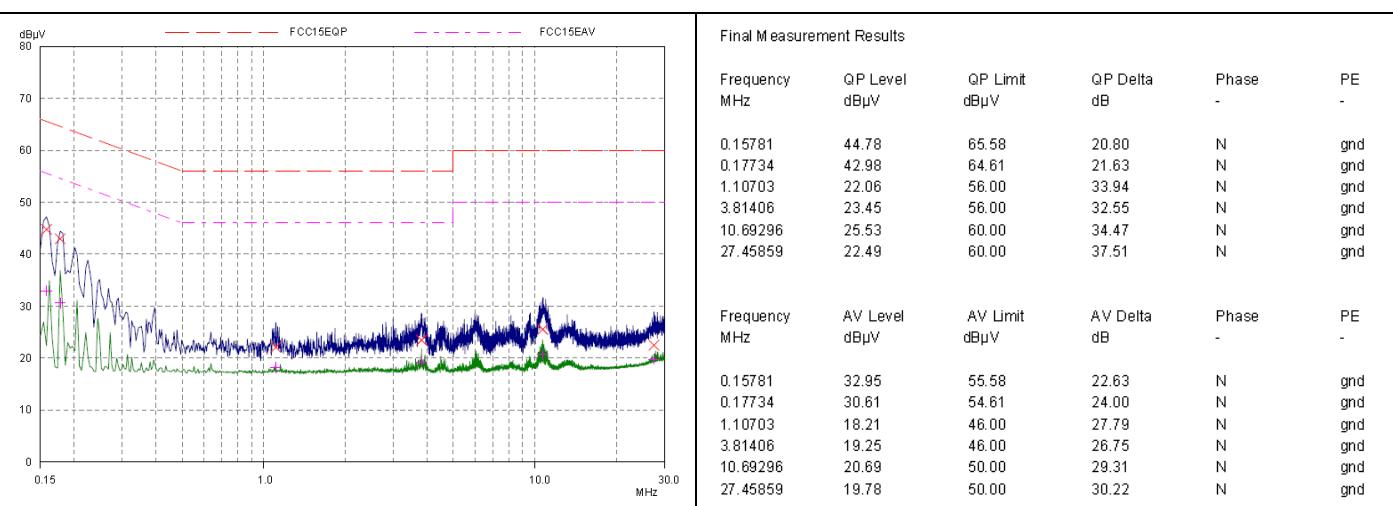




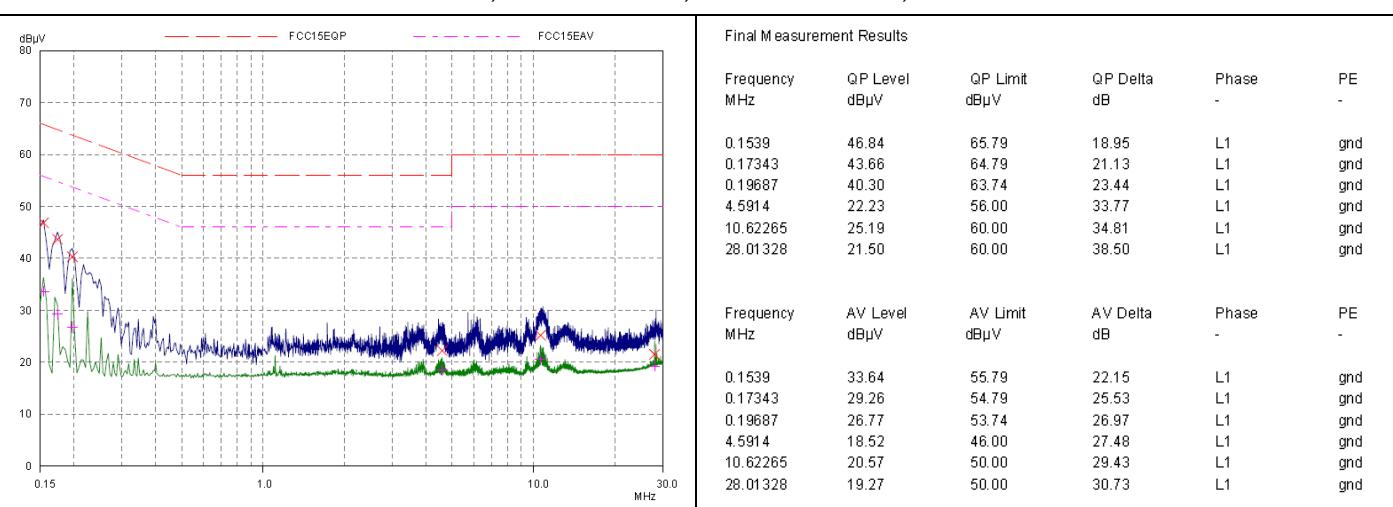
U-NII-1, 802.11n HT40, Channel No.: 38, L Line



U-NII-1, 802.11n HT40, Channel No.: 38, N Line

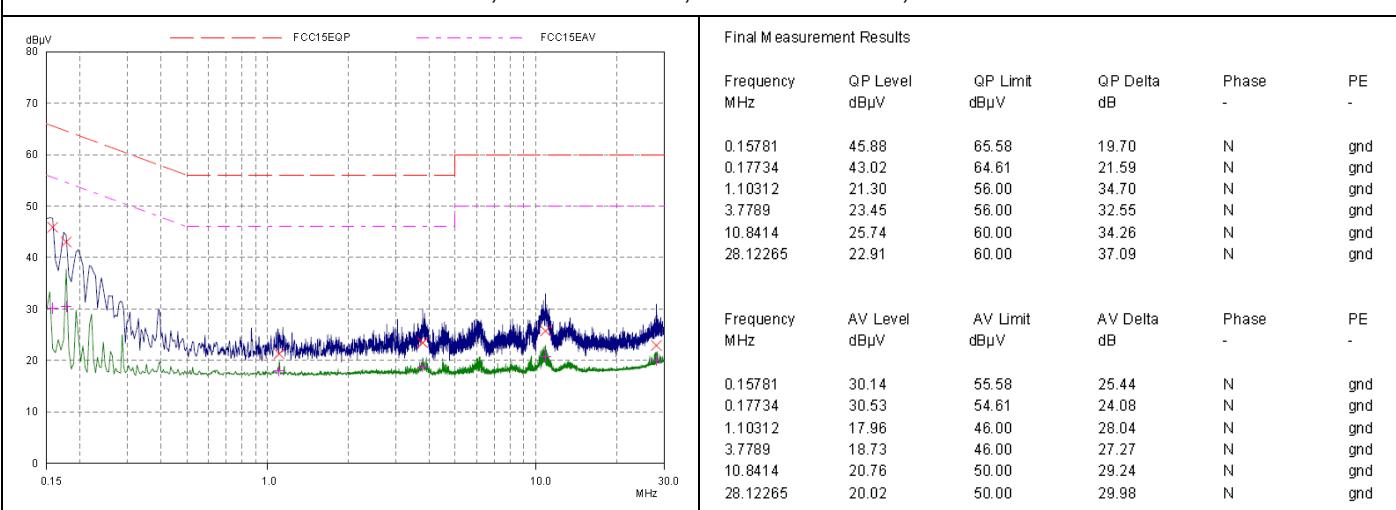


U-NII-1, 802.11n HT40, Channel No.: 46, L Line

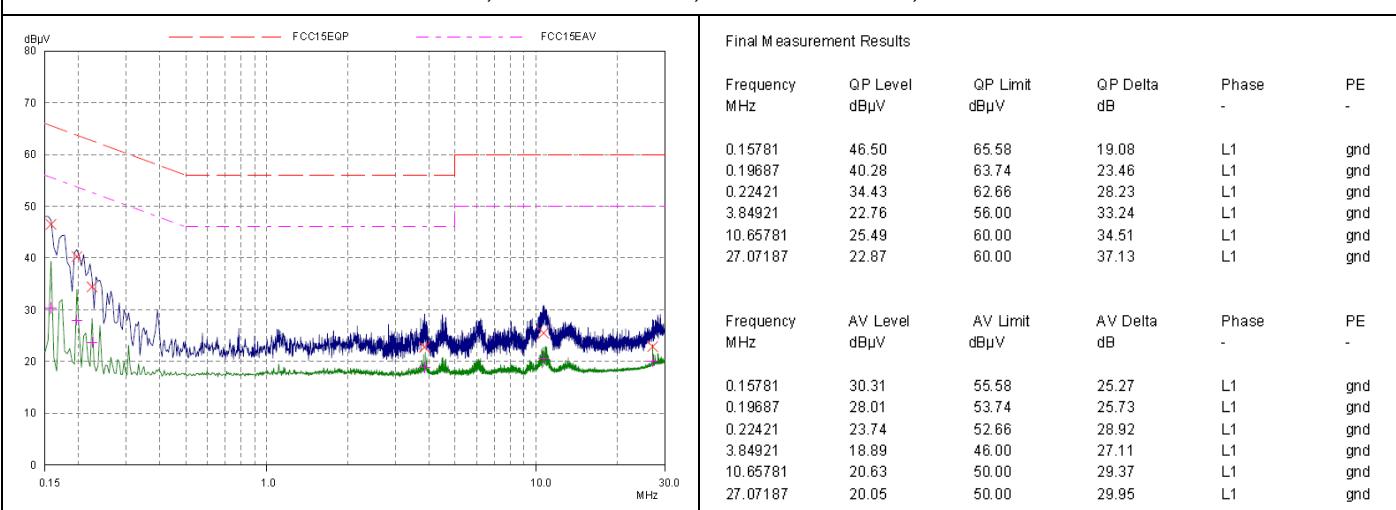




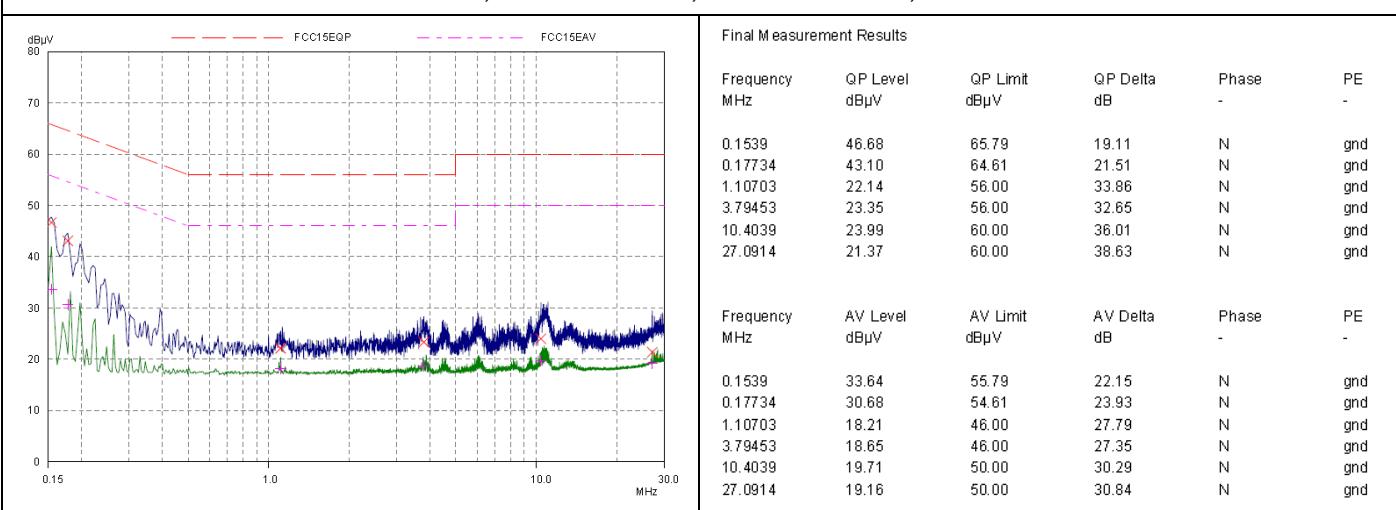
U-NII-1, 802.11n HT40, Channel No.: 46, N Line



U-NII-1, 802.11ac HT20, Channel No.: 36, L Line

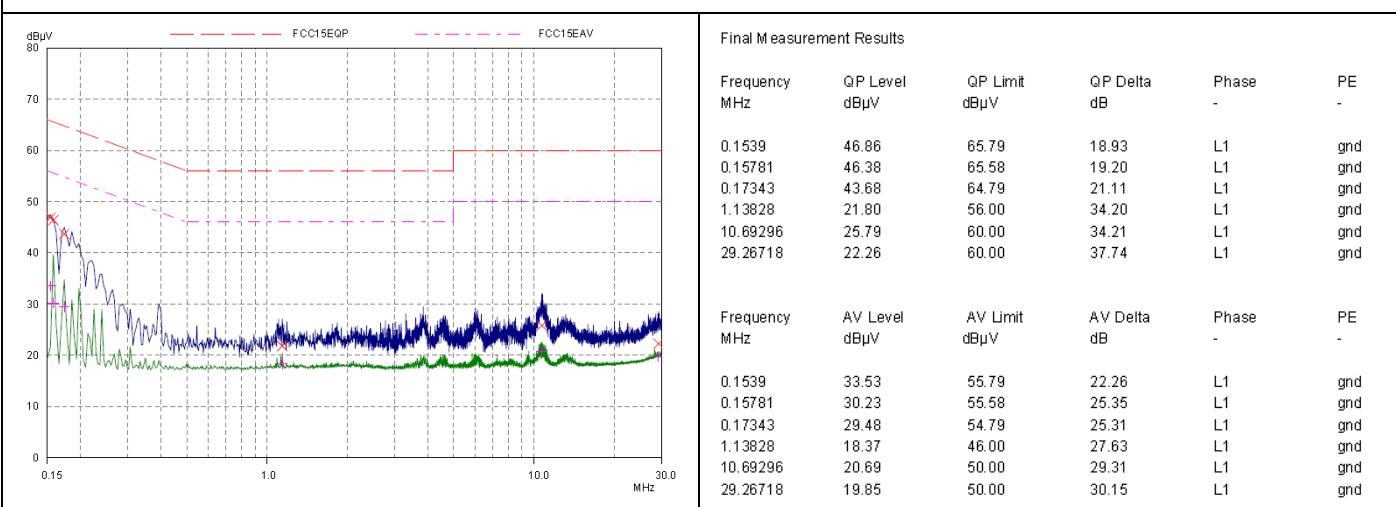


U-NII-1, 802.11ac HT20, Channel No.: 36, N Line

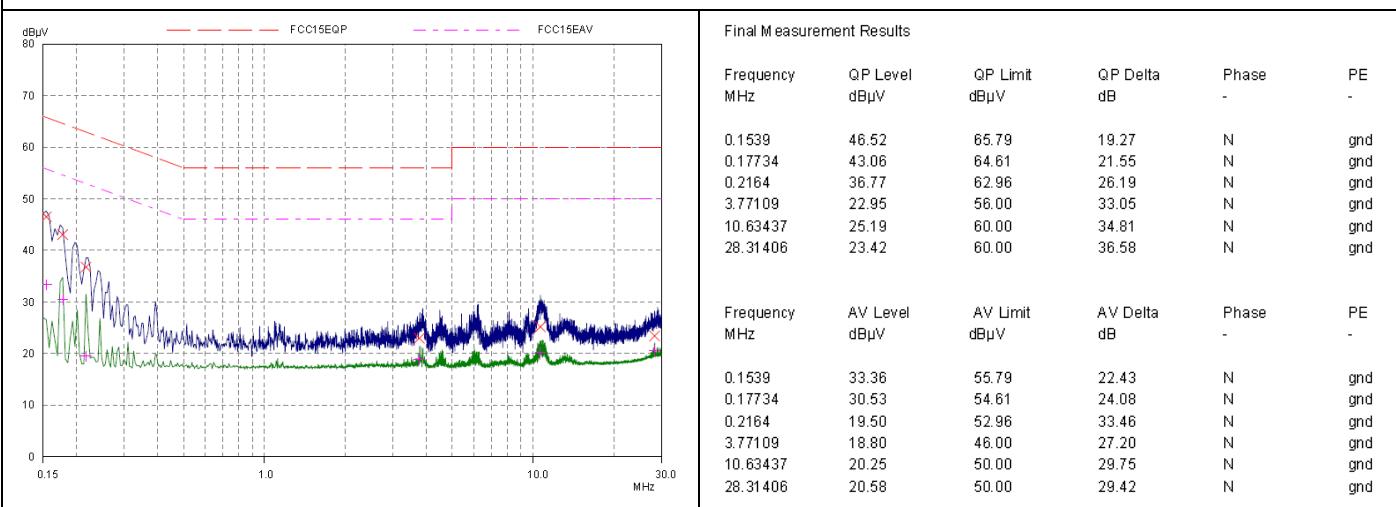




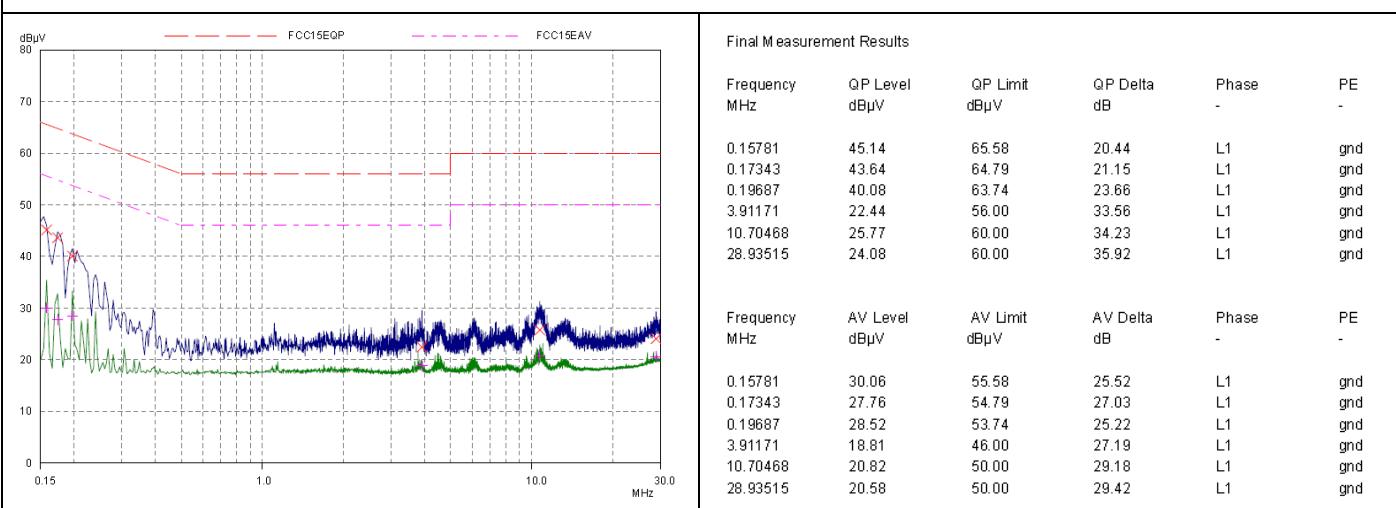
U-NII-1, 802.11ac HT20, Channel No.: 40, L Line



U-NII-1, 802.11ac HT20, Channel No.: 40, N Line

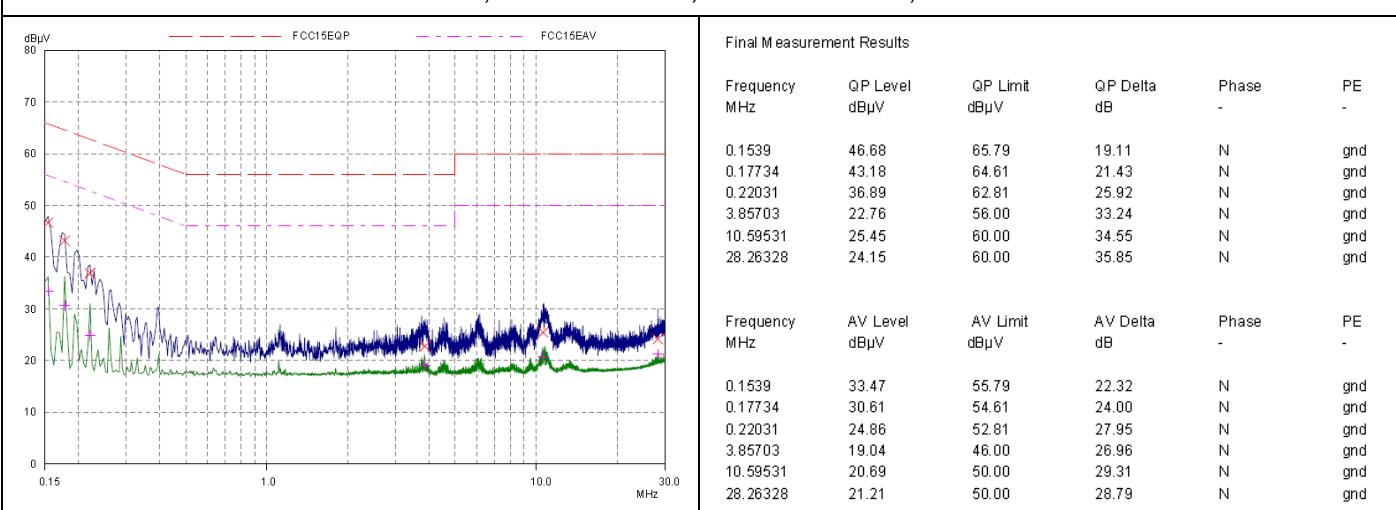


U-NII-1, 802.11ac HT20, Channel No.: 48, L Line

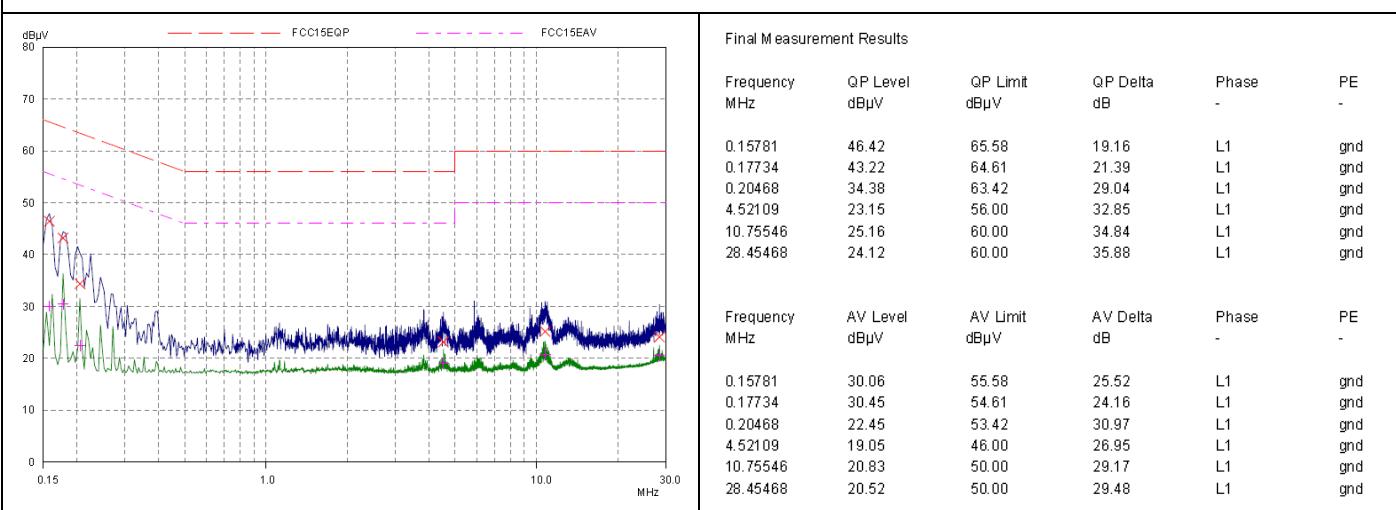




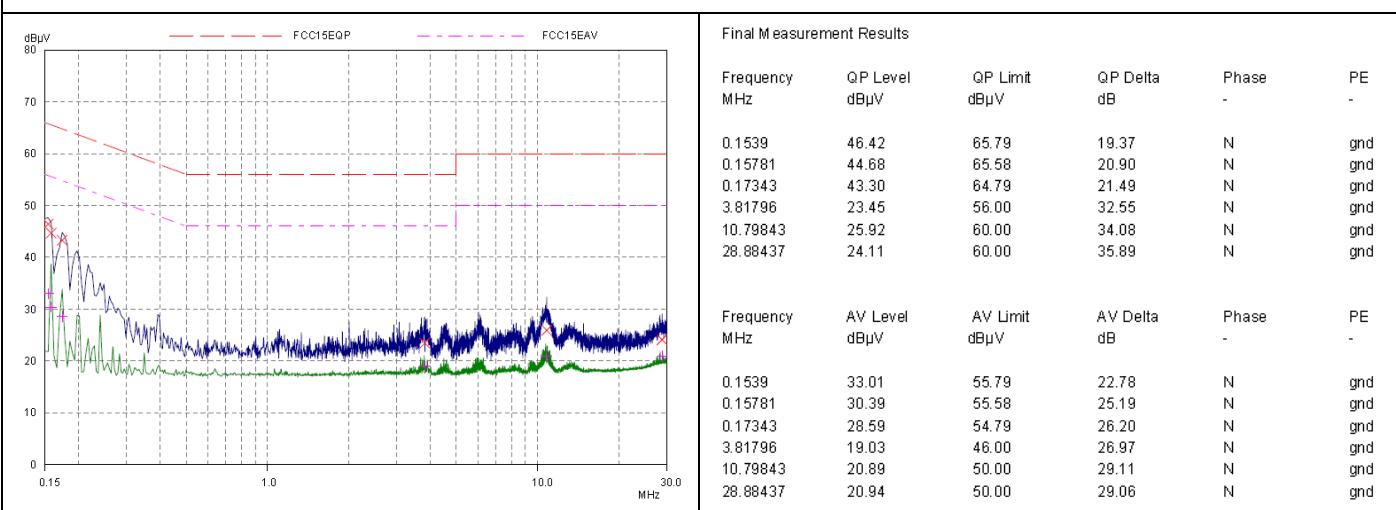
U-NII-1, 802.11ac HT20, Channel No.: 48, N Line



U-NII-1, 802.11ac HT40, Channel No.: 38, L Line

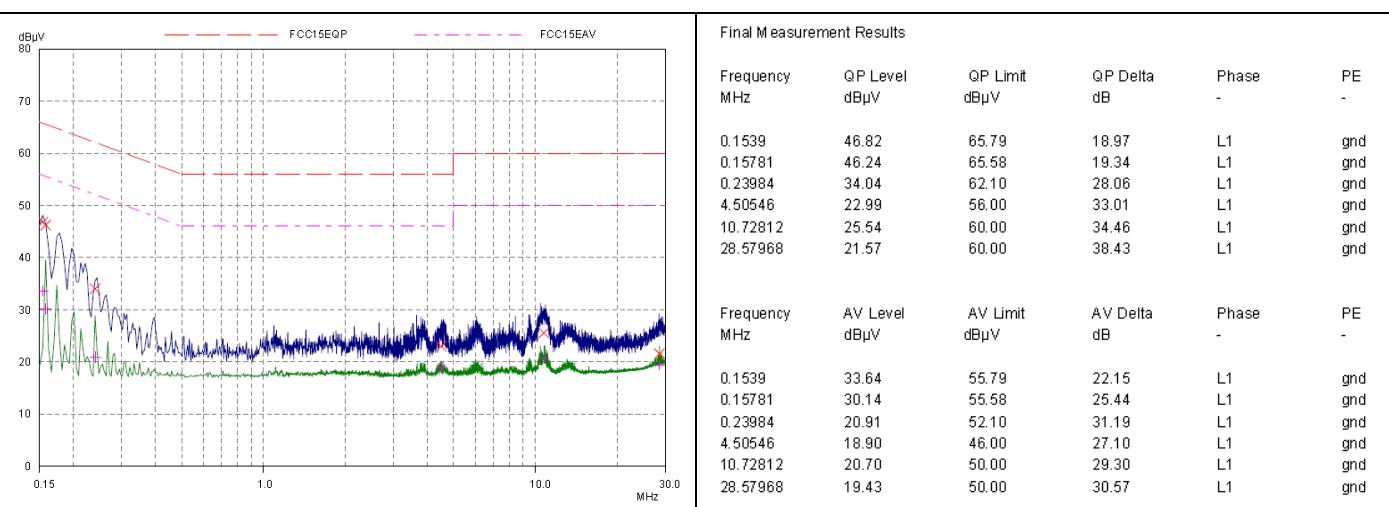


U-NII-1, 802.11ac HT40, Channel No.: 38, N Line

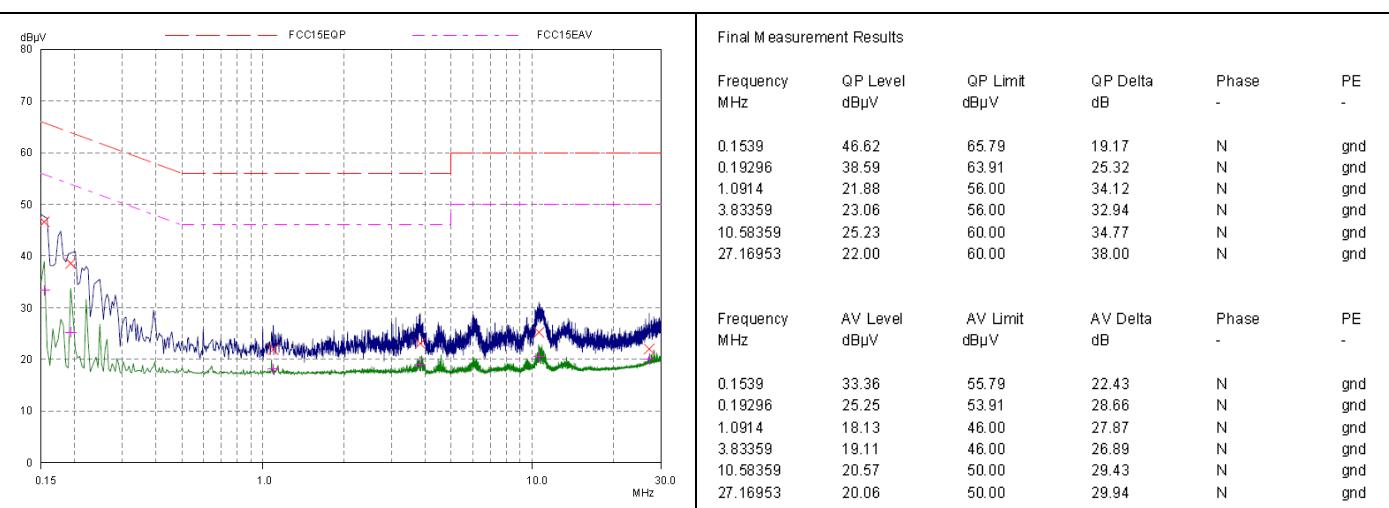




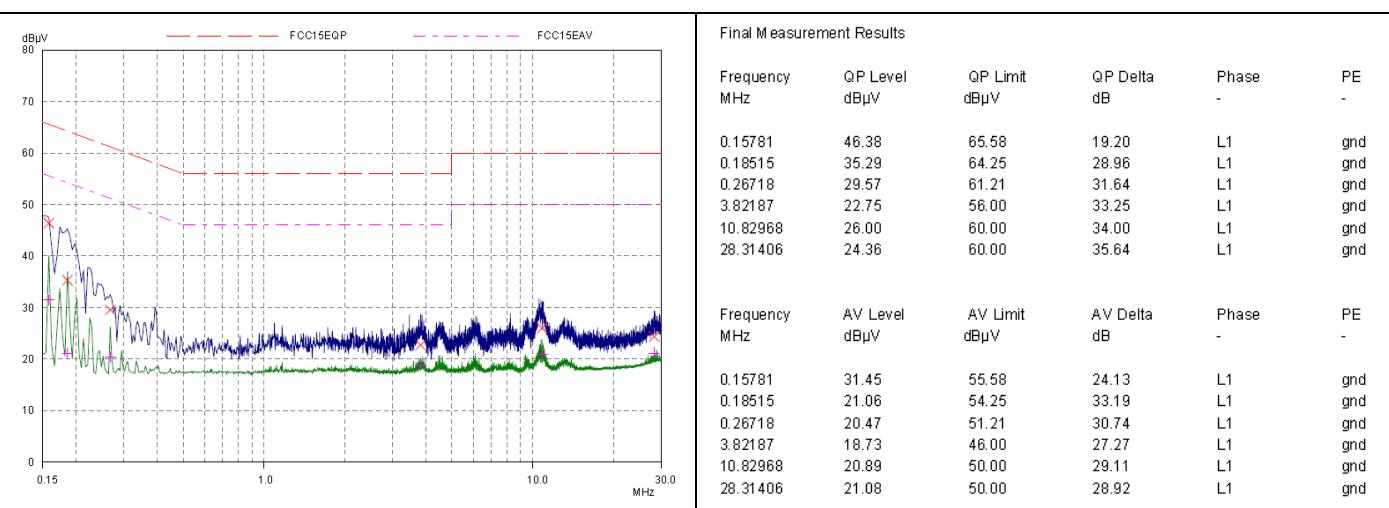
U-NII-1, 802.11ac HT40, Channel No.: 46, L Line



U-NII-1, 802.11ac HT40, Channel No.: 46, N Line

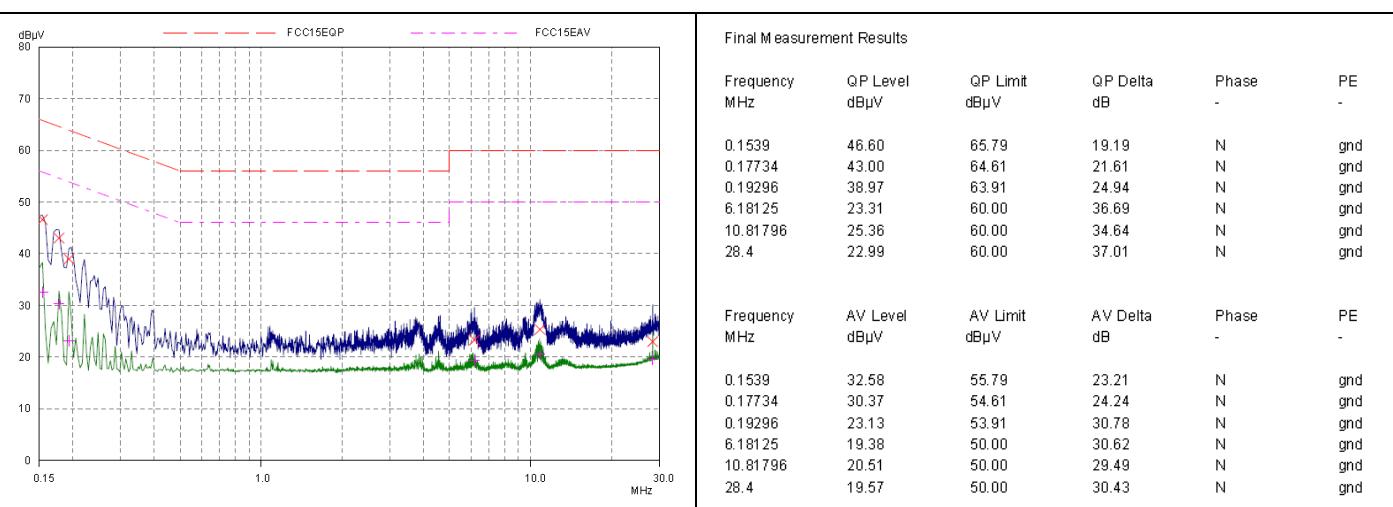


U-NII-1, 802.11ac HT80, Channel No.: 42, L Line

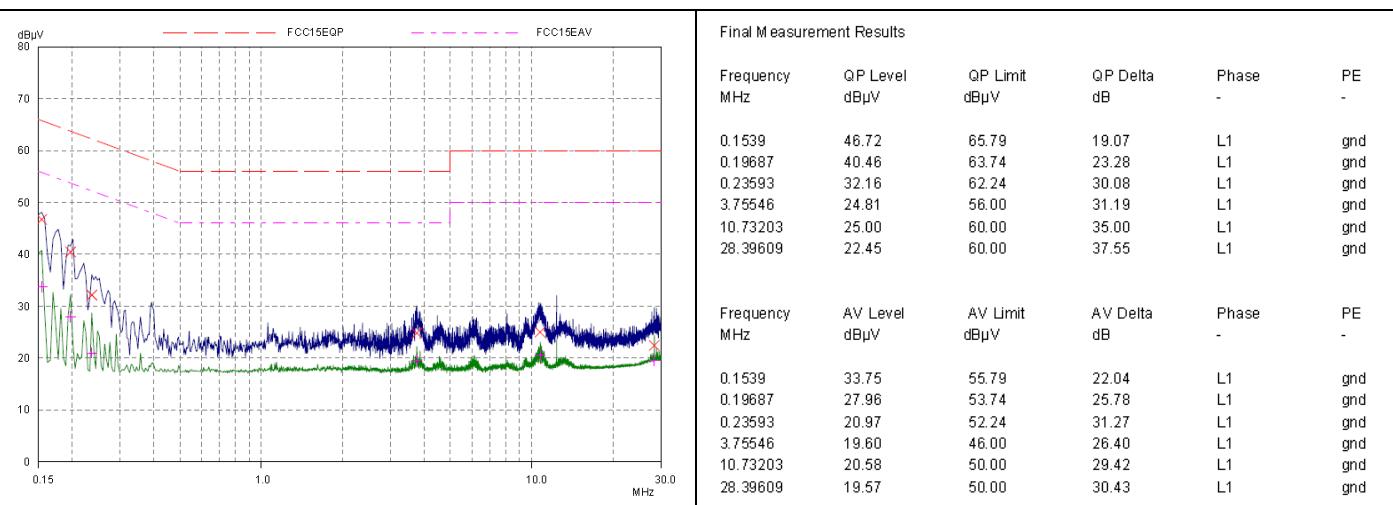




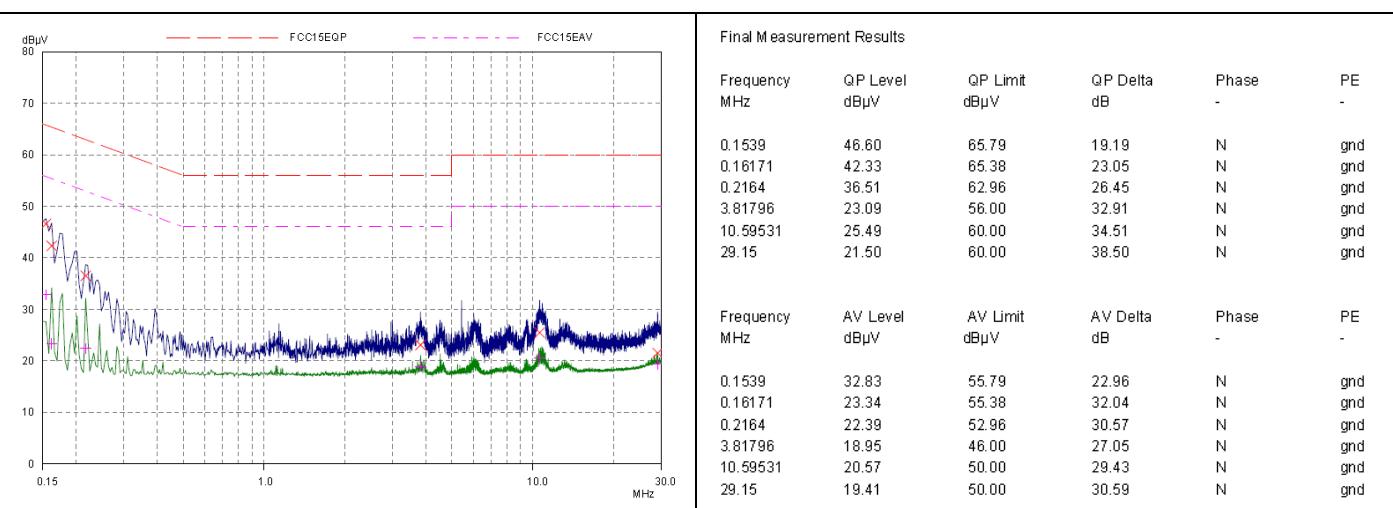
U-NII-1, 802.11ac HT80, Channel No.: 42, N Line



U-NII-3, 802.11a, Channel No.: 149, L Line

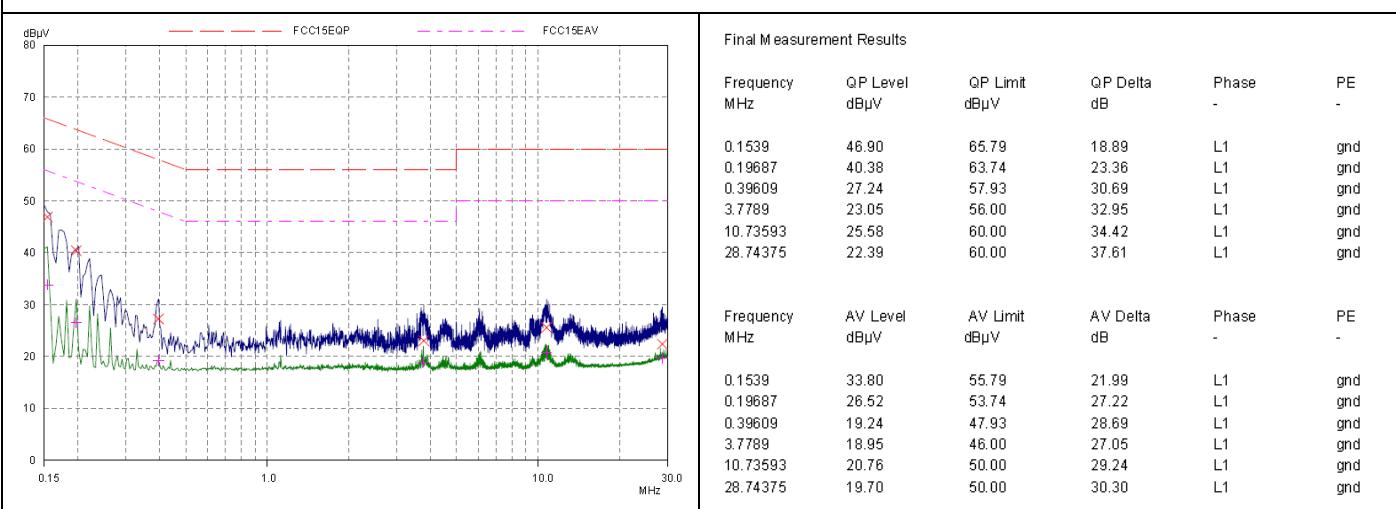


U-NII-3, 802.11a, Channel No.: 149, N Line

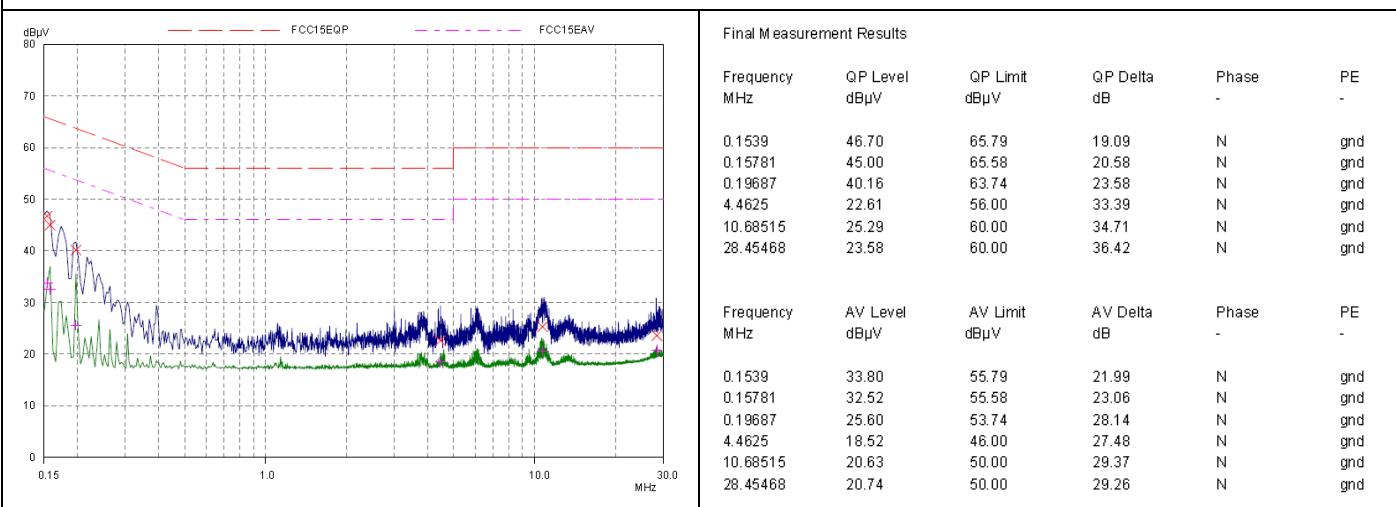




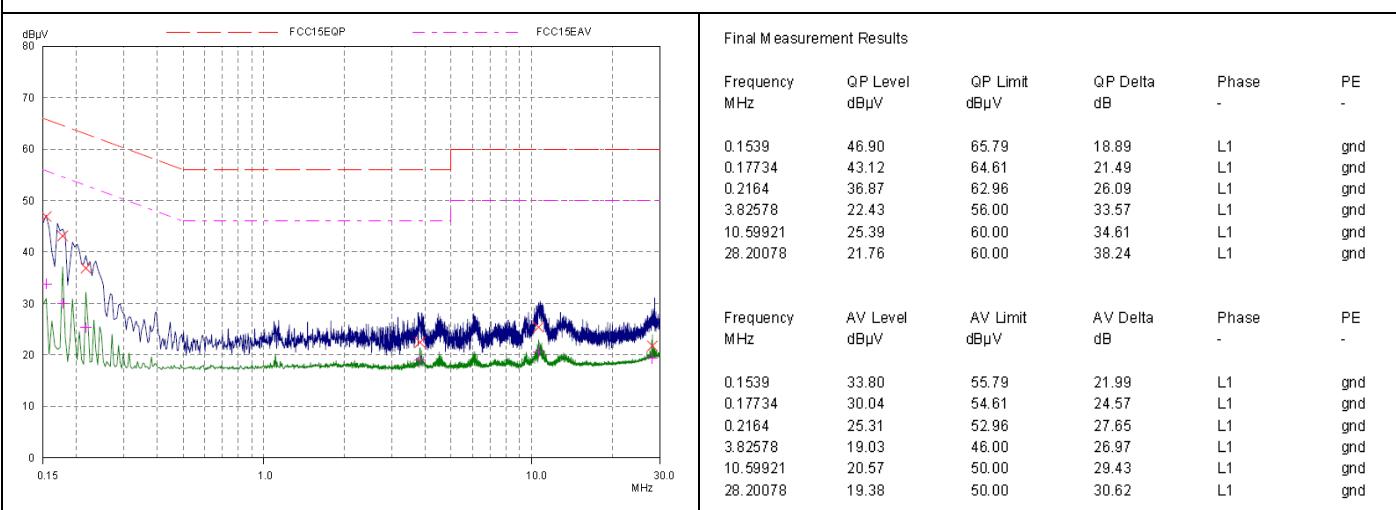
U-NII-3, 802.11a, Channel No.: 157, L Line



U-NII-3, 802.11a, Channel No.: 157, N Line

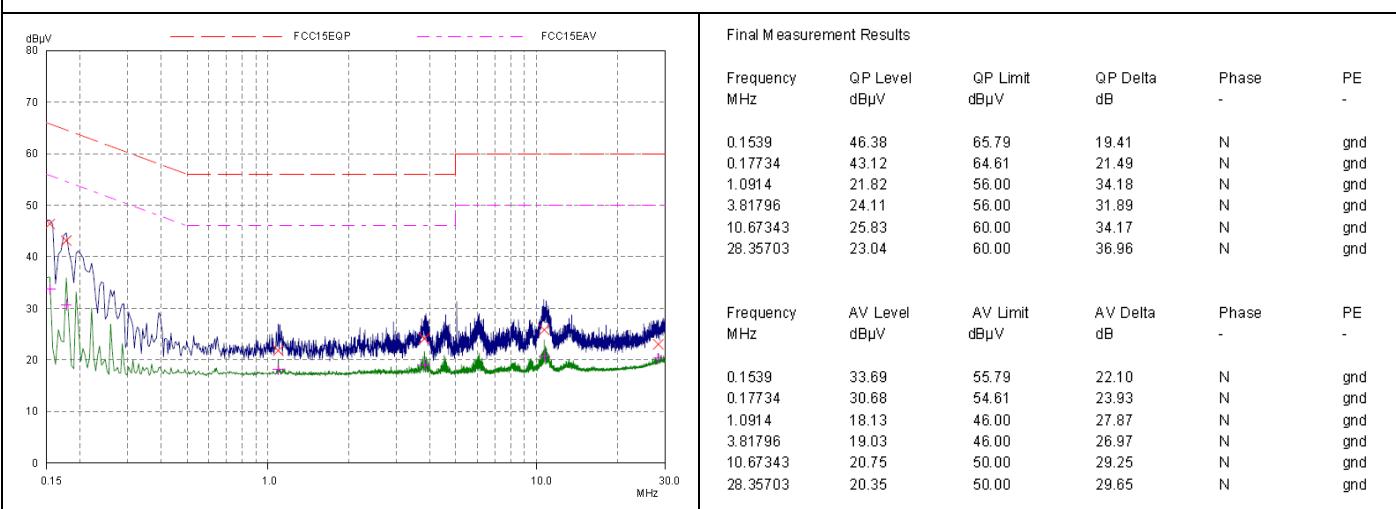


U-NII-3, 802.11a, Channel No.: 165, L Line

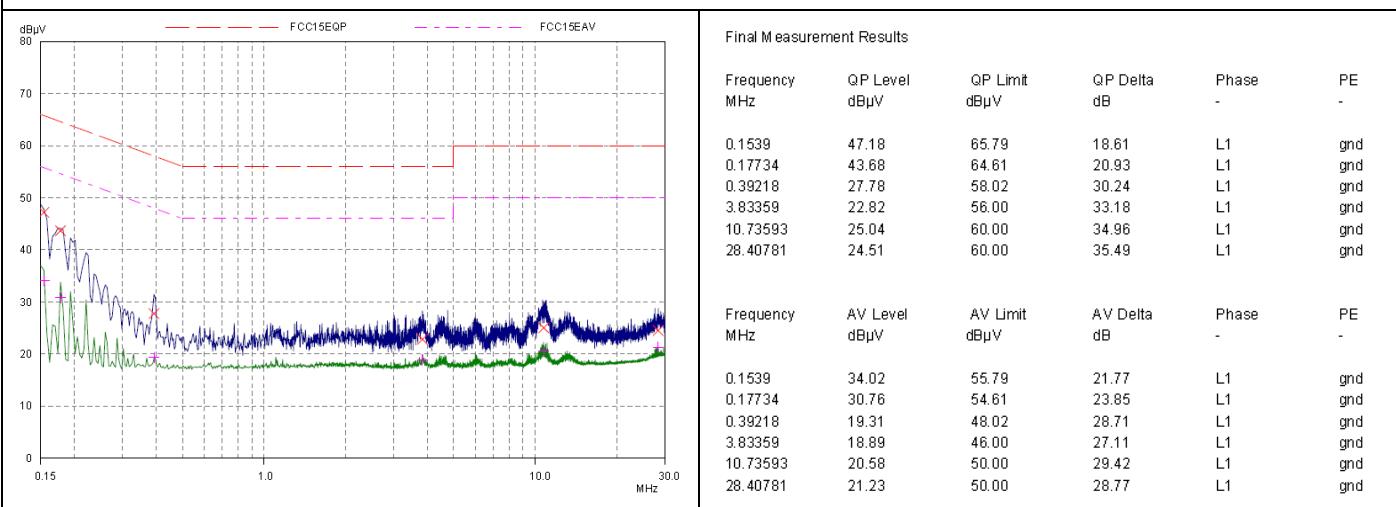




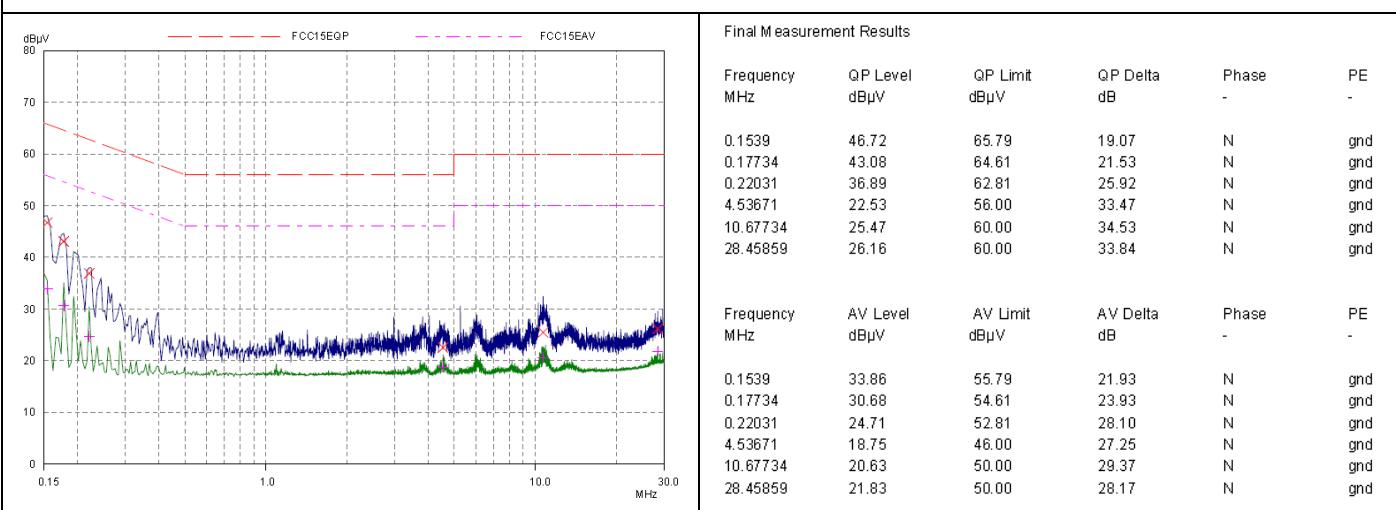
U-NII-3, 802.11a, Channel No.: 165, N Line



U-NII-3, 802.11n HT20, Channel No.: 149, L Line

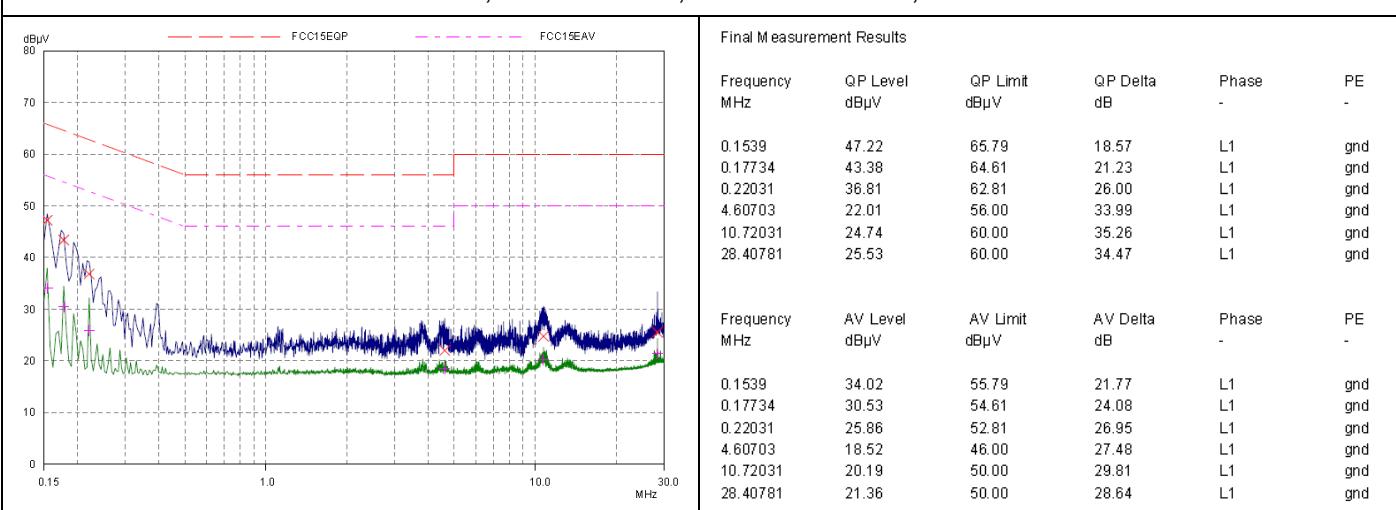


U-NII-3, 802.11n HT20, Channel No.: 149, N Line

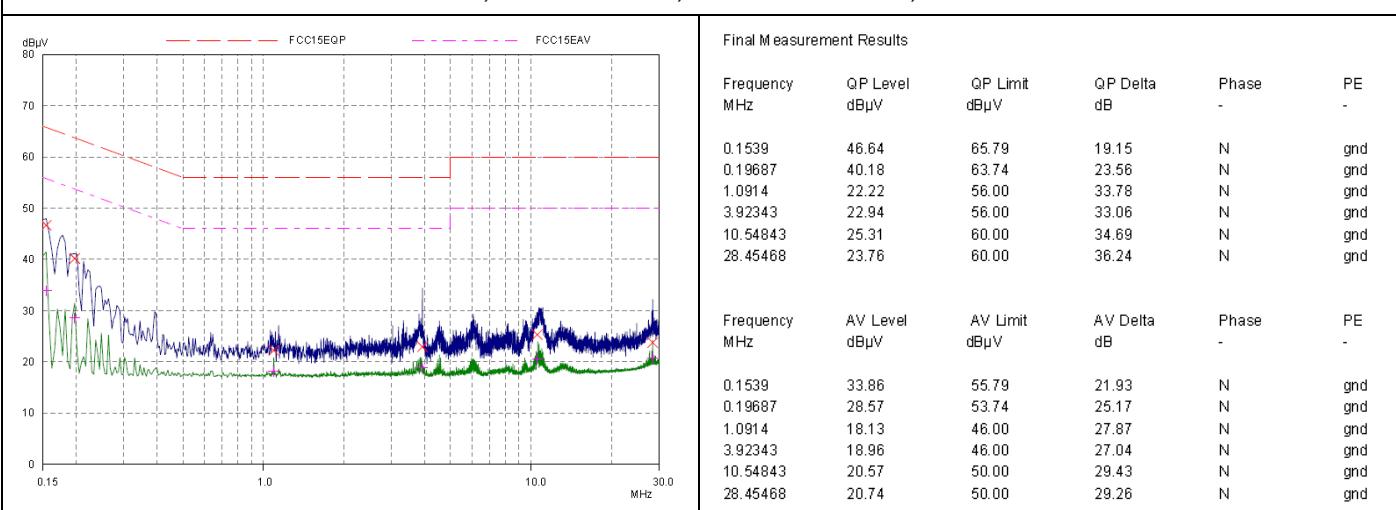




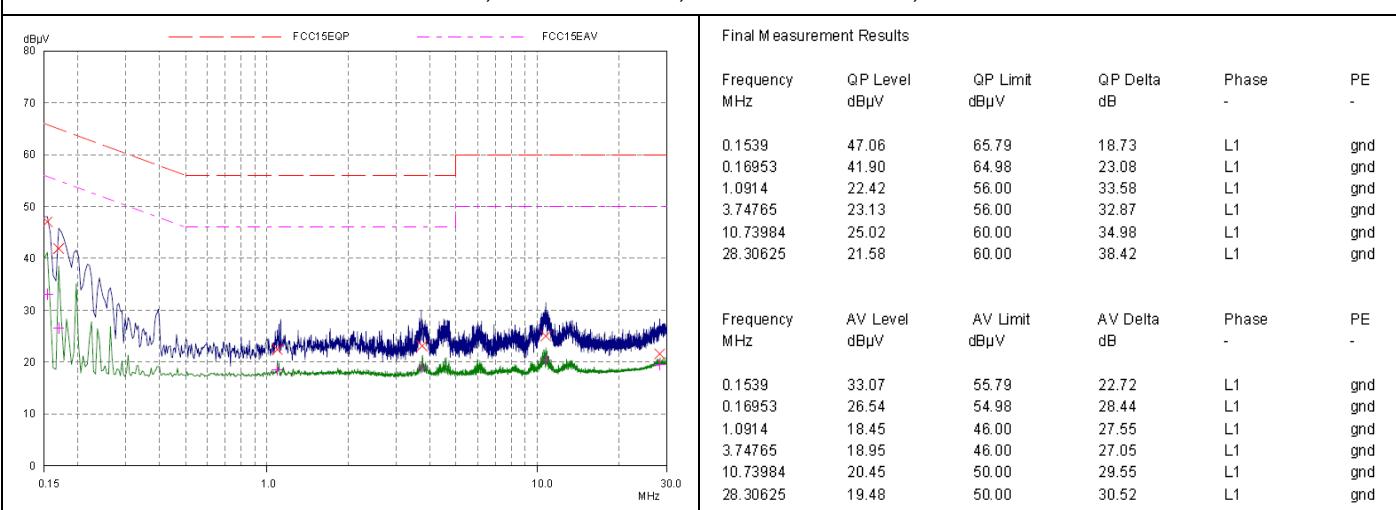
U-NII-3, 802.11n HT20, Channel No.: 157, L Line



U-NII-3, 802.11n HT20, Channel No.: 157, N Line

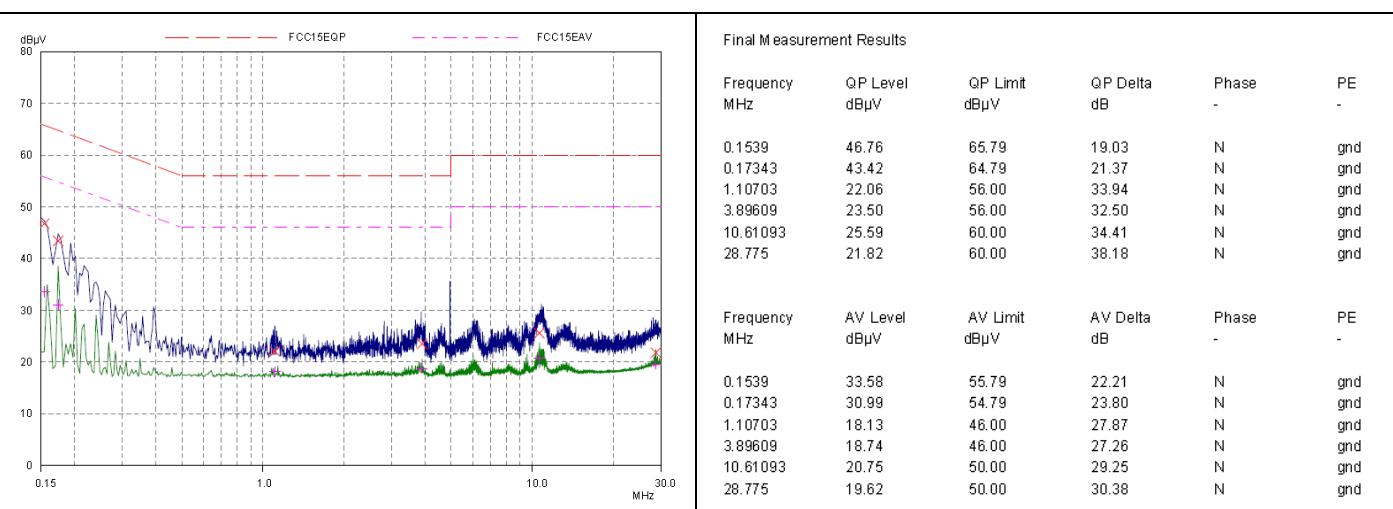


U-NII-3, 802.11n HT20, Channel No.: 165, L Line

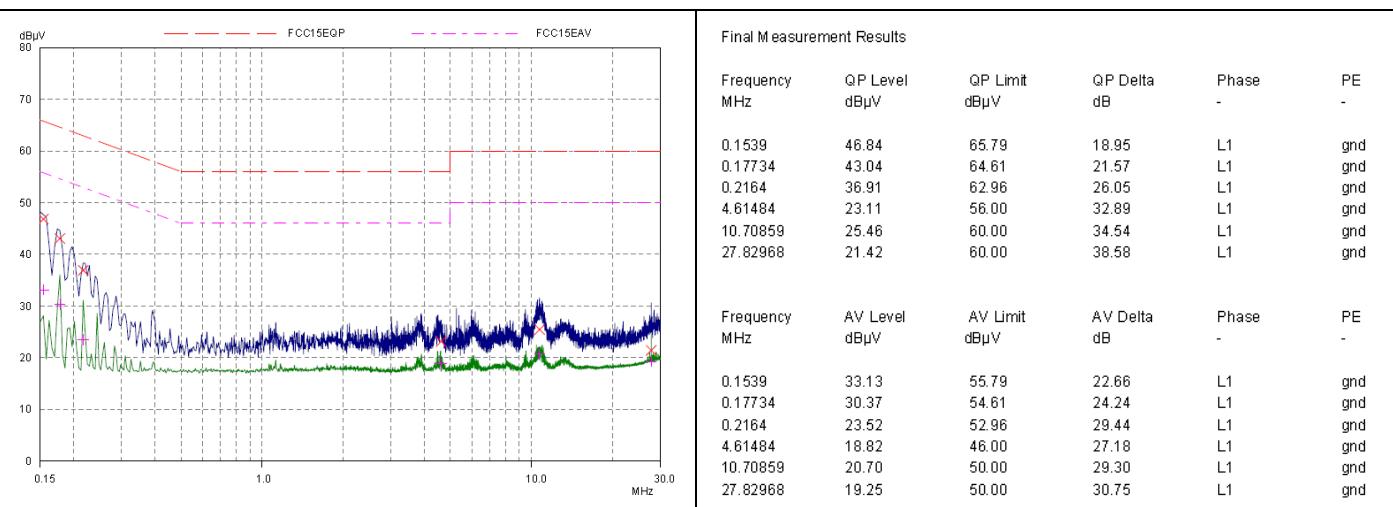




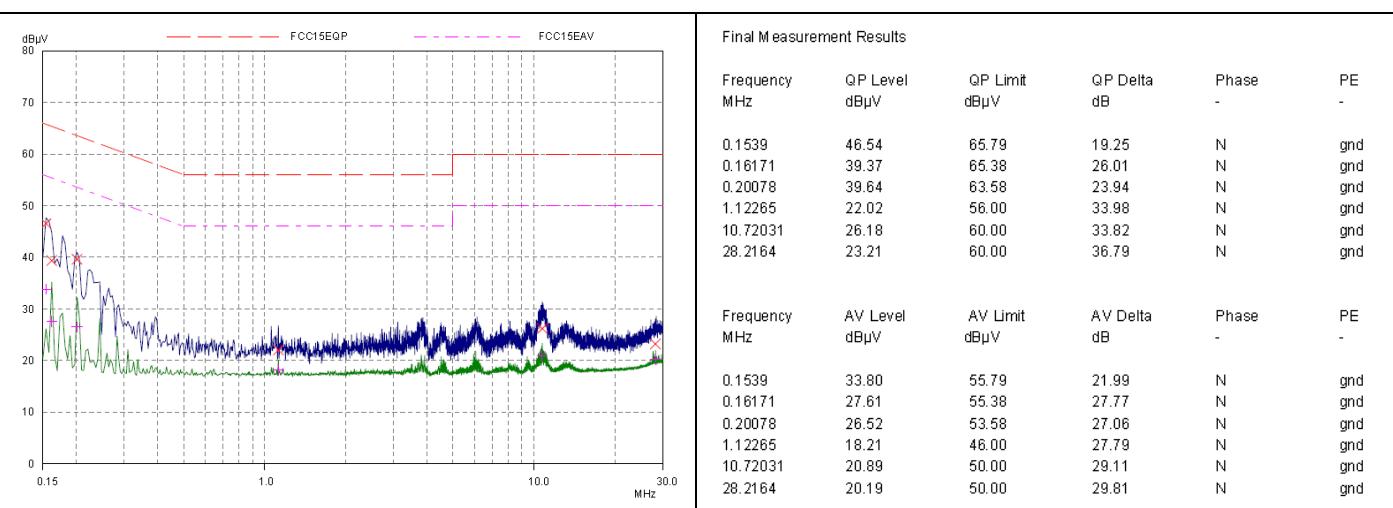
U-NII-3, 802.11n HT20, Channel No.: 165, N Line



U-NII-3, 802.11n HT40, Channel No.: 151, L Line

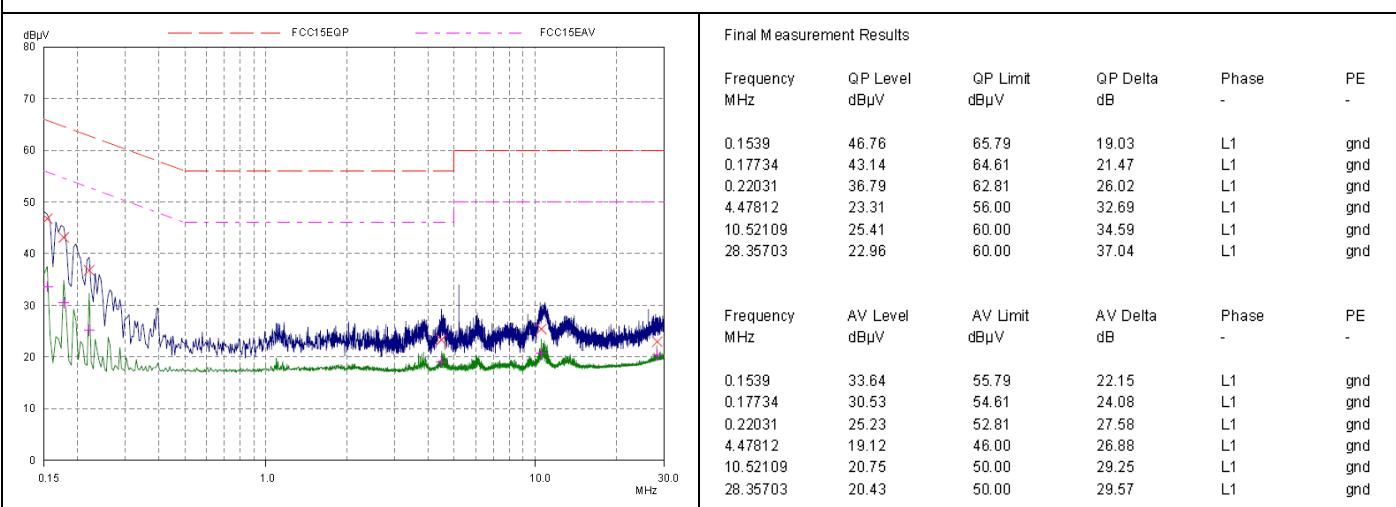


U-NII-3, 802.11n HT40, Channel No.: 151, N Line

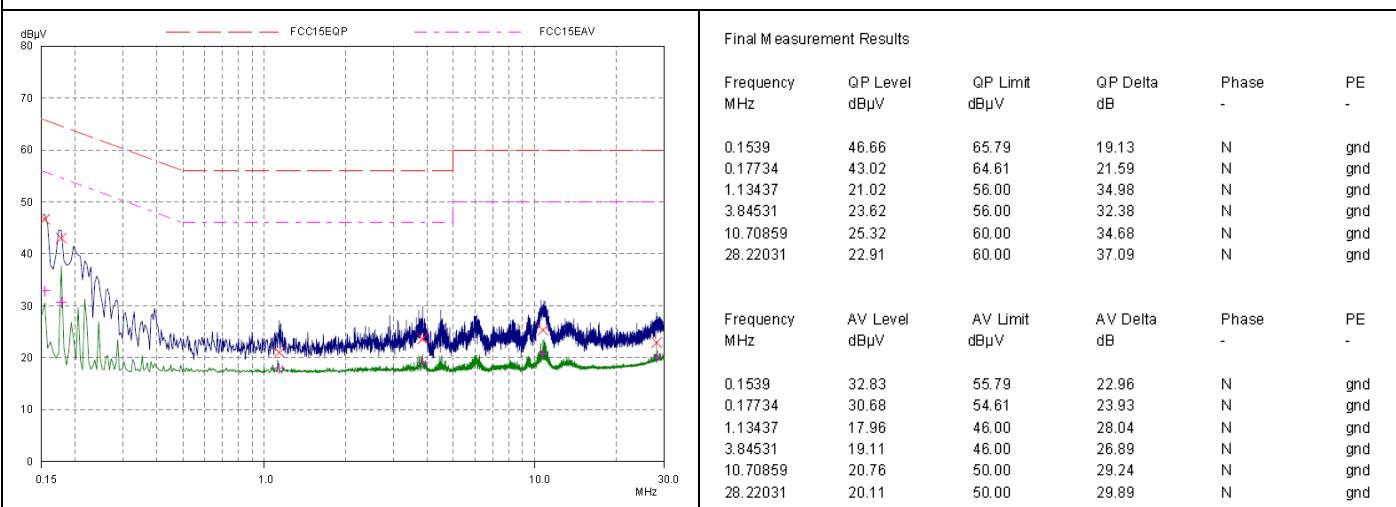




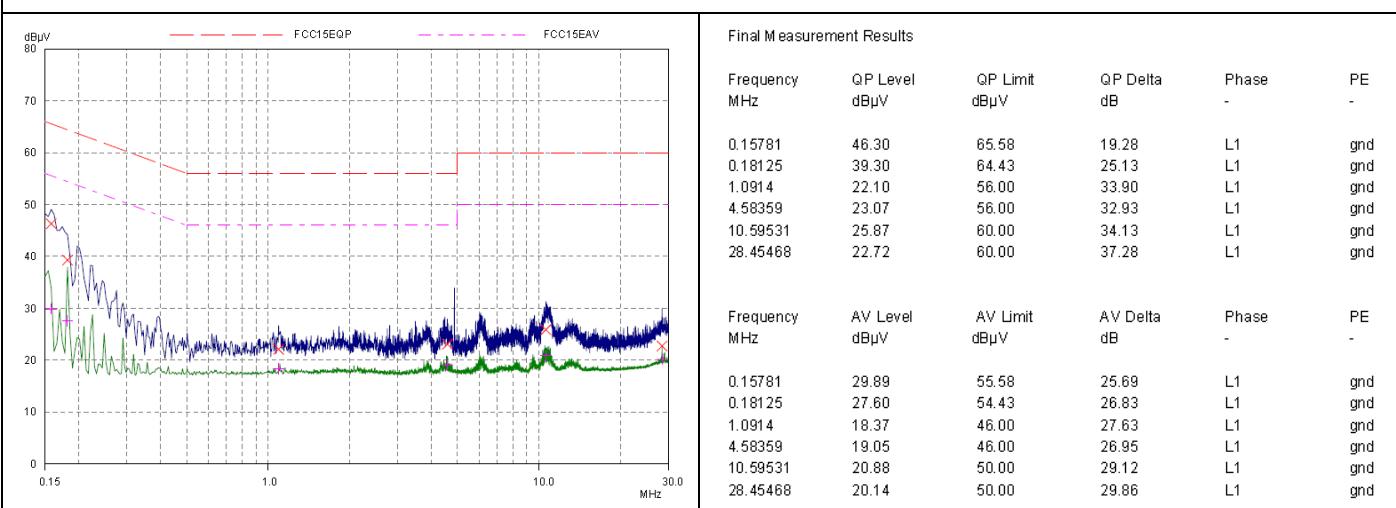
U-NII-3, 802.11n HT40, Channel No.: 159, L Line



U-NII-3, 802.11n HT40, Channel No.: 159, N Line

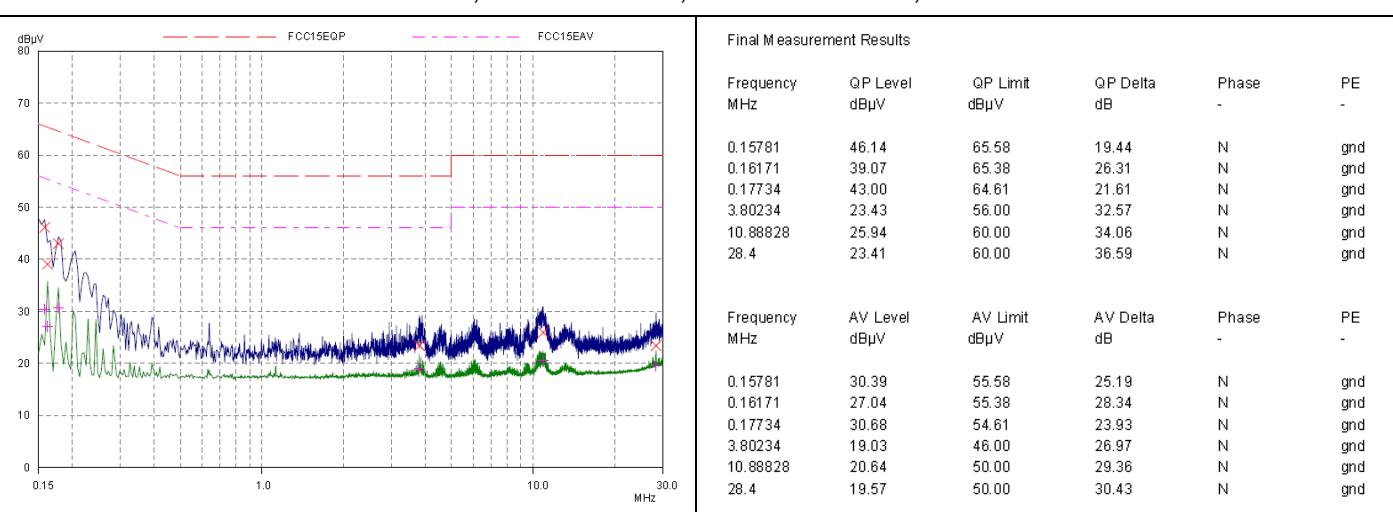


U-NII-3, 802.11ac HT20, Channel No.: 149, L Line

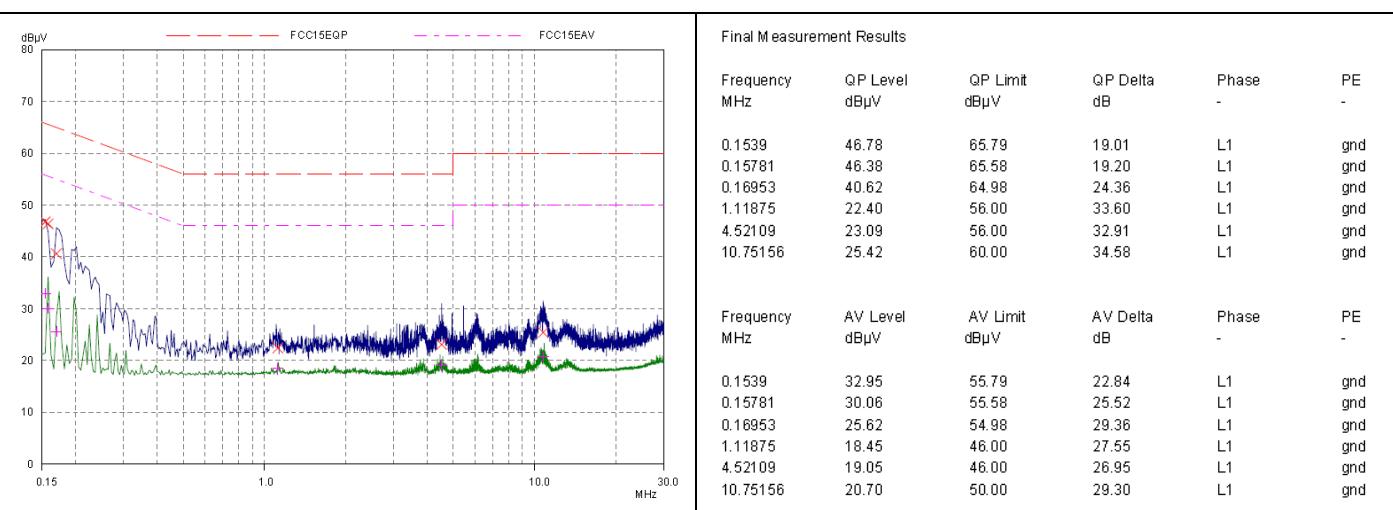




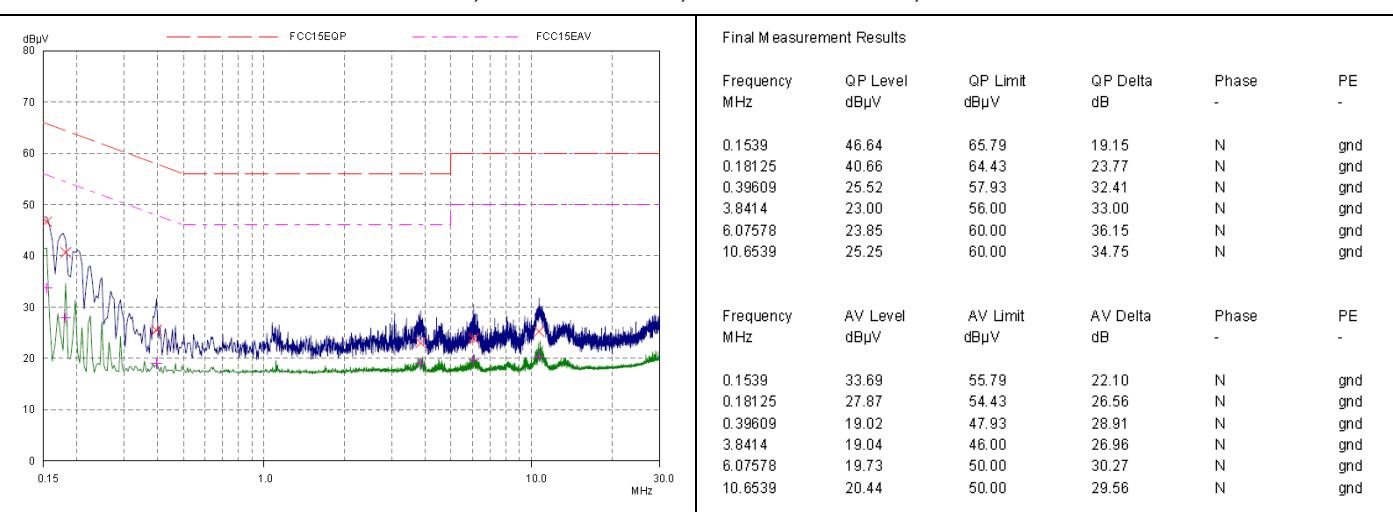
U-NII-3, 802.11ac HT20, Channel No.: 149, N Line



U-NII-3, 802.11ac HT20, Channel No.: 157, L Line

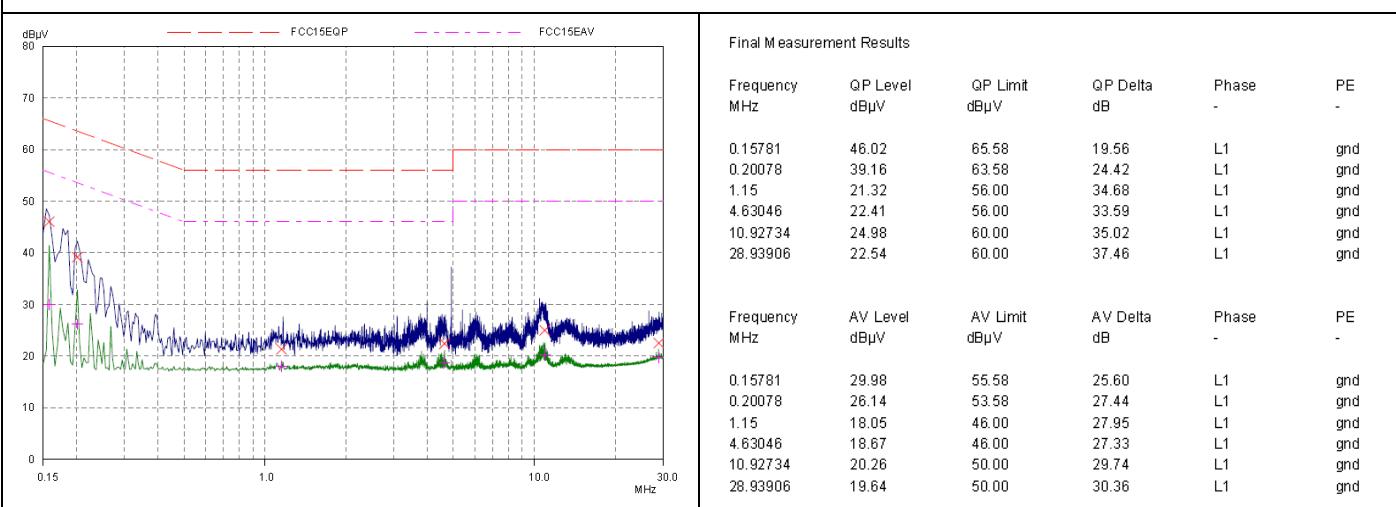


U-NII-3, 802.11ac HT20, Channel No.: 157, N Line

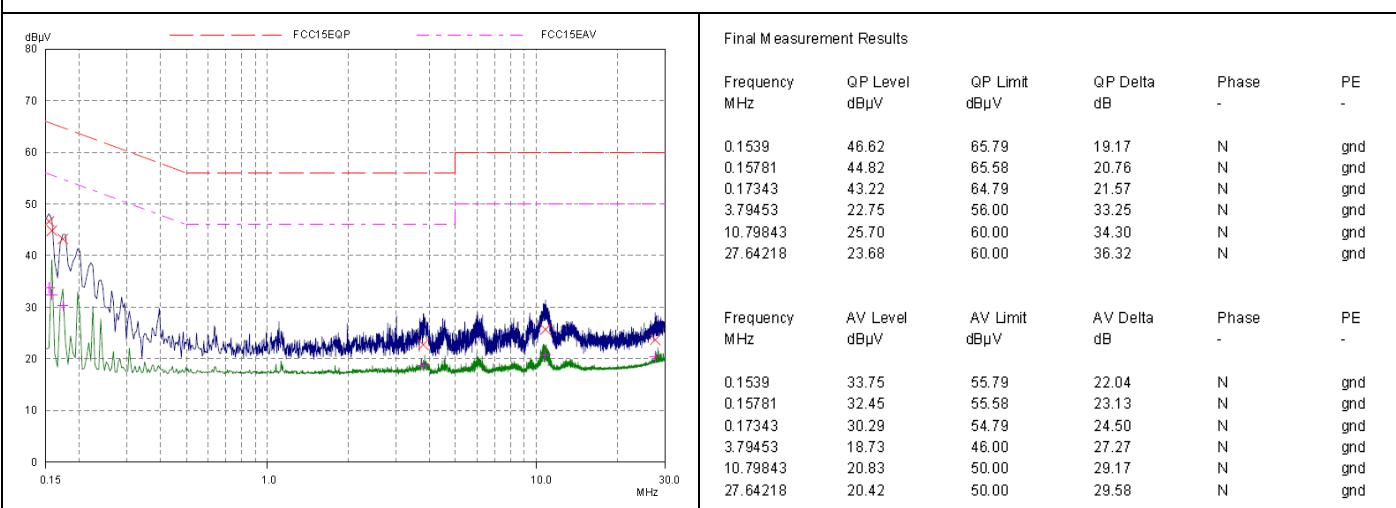




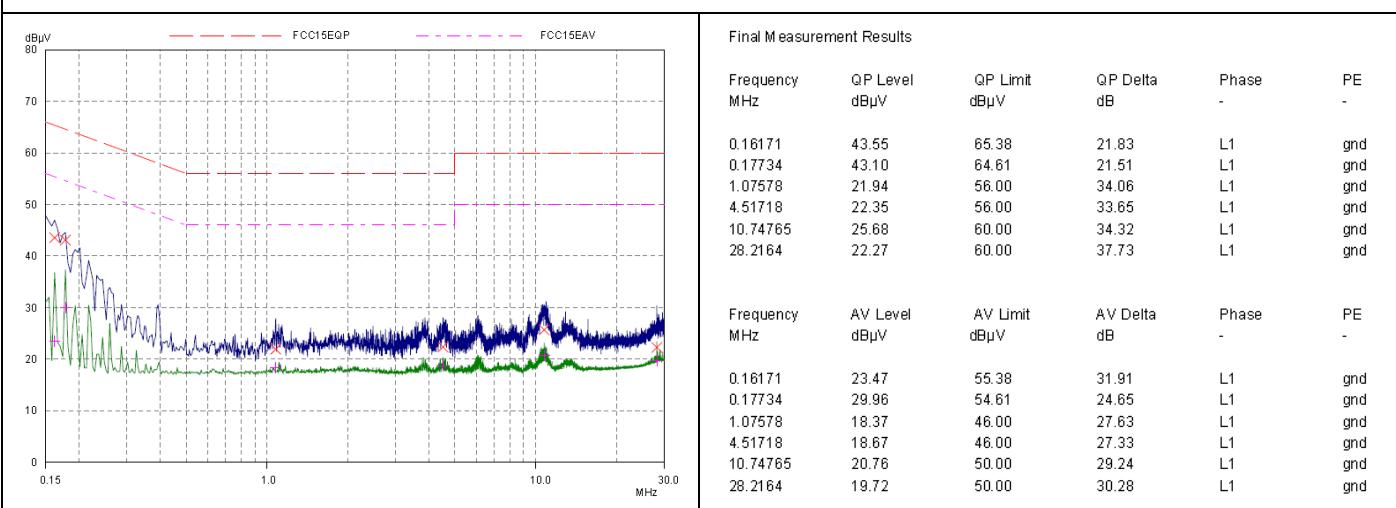
U-NII-3, 802.11ac HT20, Channel No.: 165, L Line

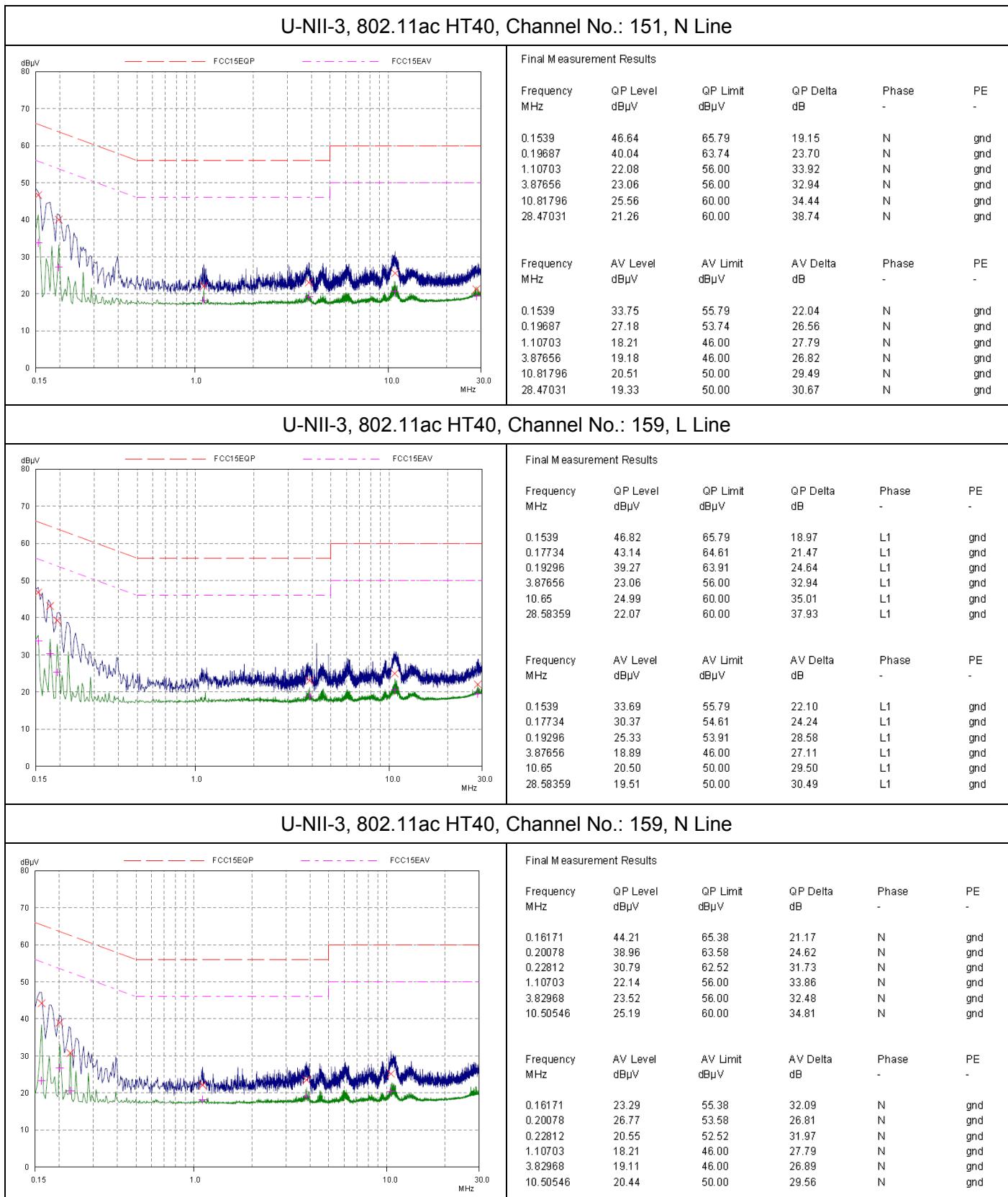


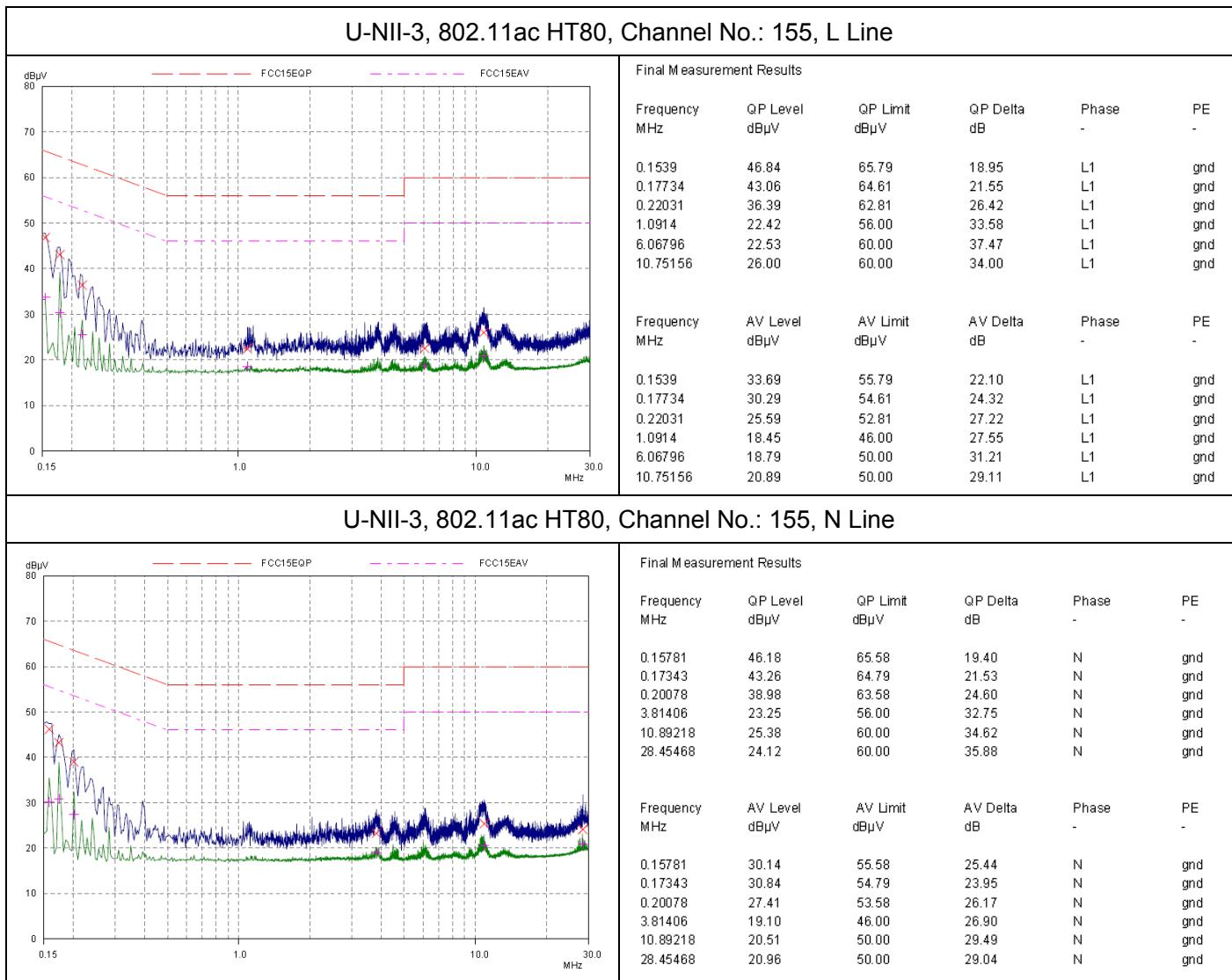
U-NII-3, 802.11ac HT20, Channel No.: 165, N Line



U-NII-3, 802.11ac HT40, Channel No.: 151, L Line









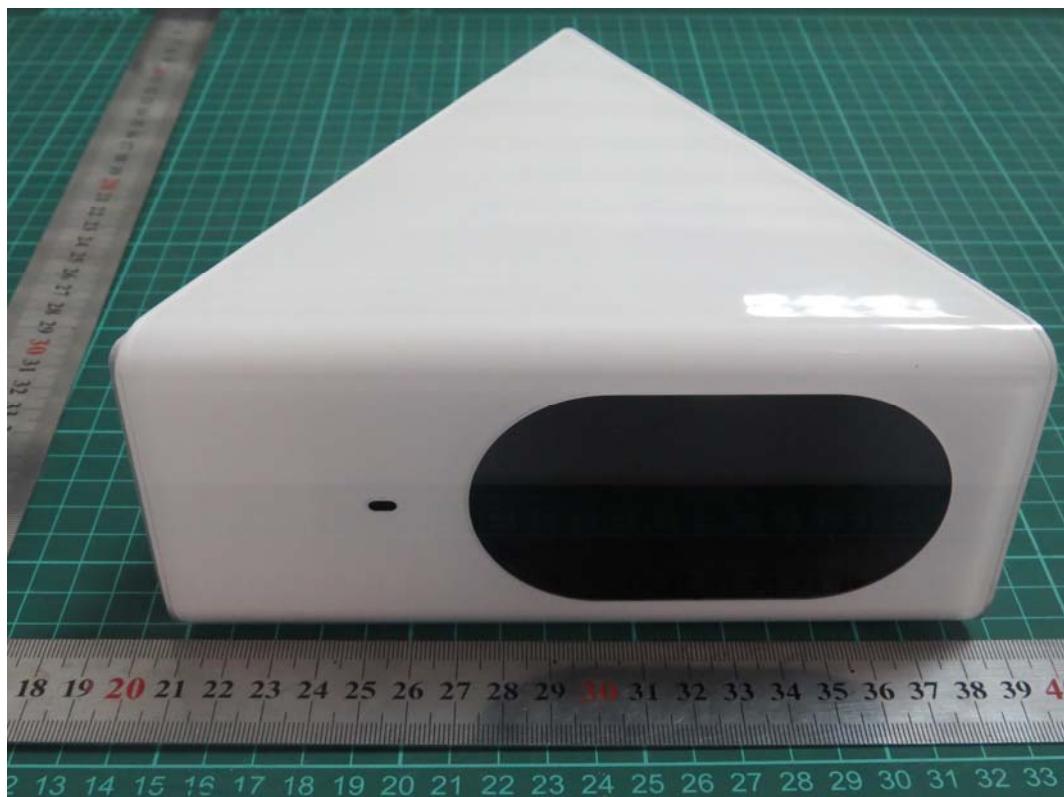
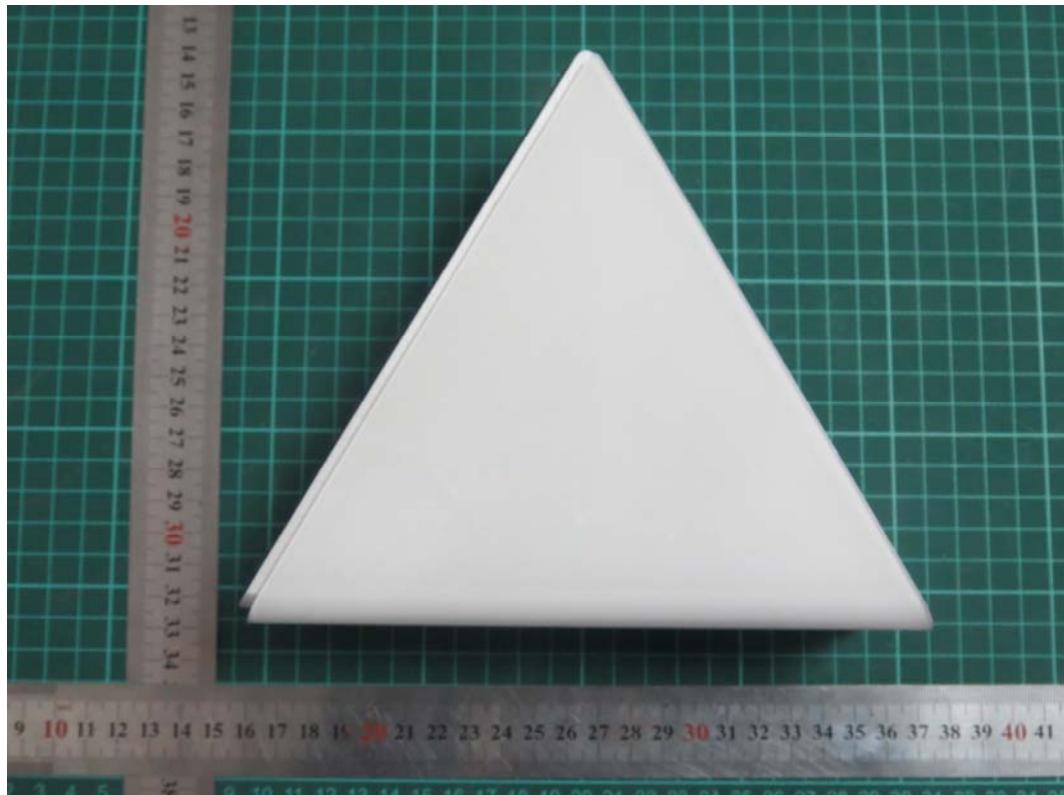
6. Main Test Instruments

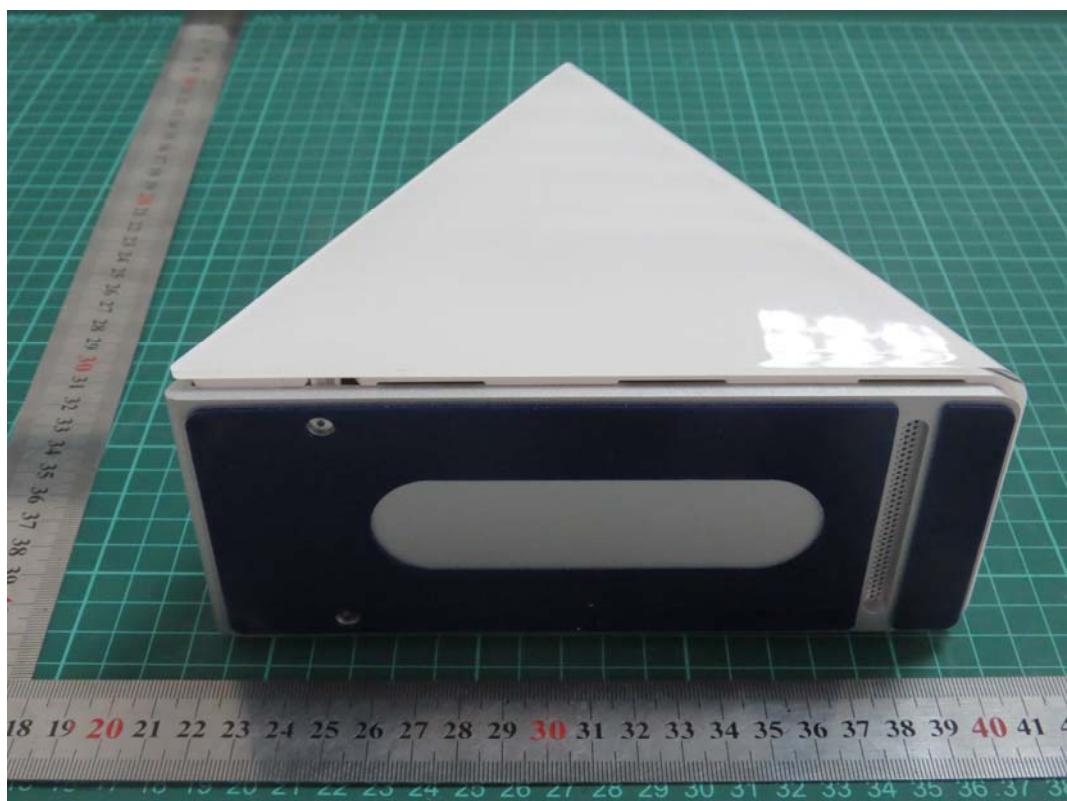
Name	Type	Manufacturer	Serial Number	Calibration Date	Expiration Time
EMI Test Receiver	ESCI	R&S	100948	2015-05-22	2016-05-21
Loop Antenna	FMZB1519	SCHWARZBECK	1519-047	2014-02-29	2017-02-28
TRILOG Broadband Antenna	VULB 9163	Schwarzbeck	9163-201	2014-12-06	2017-12-05
Double Ridged Waveguide Horn Antenna	HF907	R&S	100126	2014-12-06	2017-12-05
Broadband Horn Antenna	BBHA9170	Schwarzbeck	MRTSUE06024	2016-01-05	2019-01-04
Standard Gain Horn	3160-09	ETS-Lindgren	00102644	2015-01-30	2018-01-29
EMI Test Receiver	ESCS30	R&S	100138	2015-12-17	2016-12-16
LISN	ENV216	R&S	101171	2013-12-18	2016-12-17
Spectrum Analyzer	E4445A	Agilent	MY46181146	2015-05-22	2016-05-21
Spectrum Analyzer	N9010A	Agilent	MY47191109	2015-05-22	2016-05-21
MOB COMMS DC SUPPLY	66319D	Agilent	MY43004105	2015-05-22	2016-05-21
Peak Power Meter	8990B	Agilent	51000109	2015-04-26	2016-04-25
Wideband Power Sensors	N1923A	Agilent	MY51220004	2015-04-26	2016-04-25
Spectrum Analyzer	FSV40	R&S	1321.300BK40-101416-01	2015-12-17	2016-12-16
Spectrum Analyzer	E4447A	Agilent	MRTSUE06028	2015-10-09	2016-10-08
RF Cable	SMA 15cm	Agilent	0001	2016-01-08	2016-03-07

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

ANNEX A: EUT Appearance and Test Setup

A.1 EUT Appearance



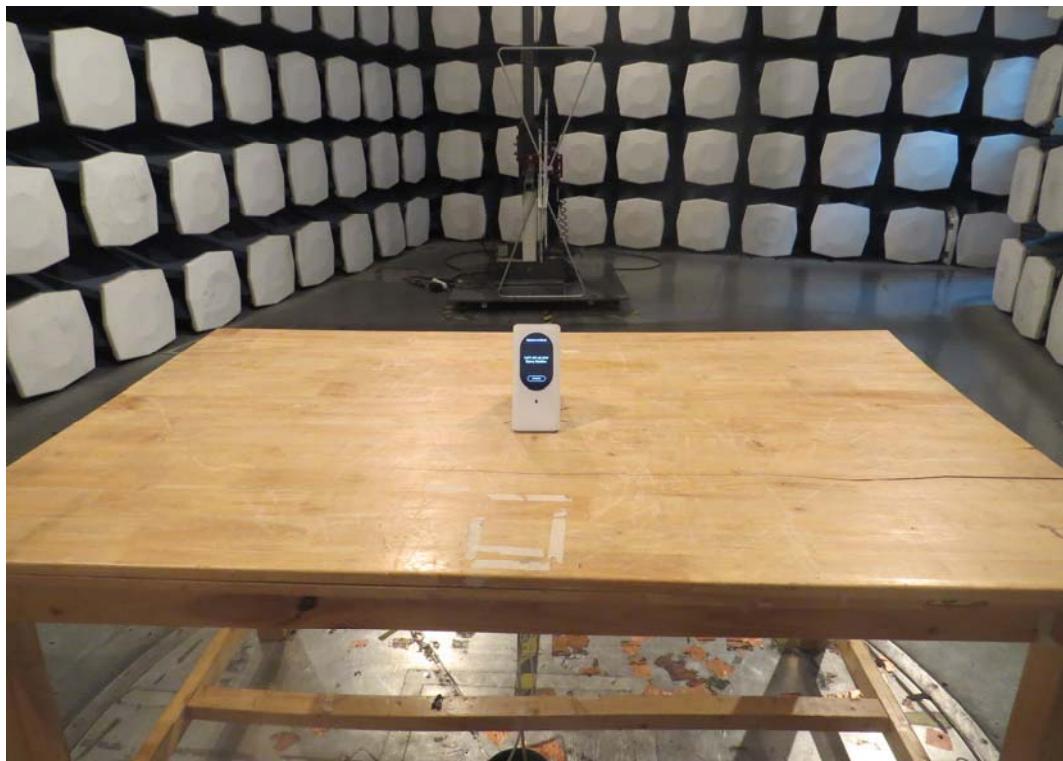


a: EUT

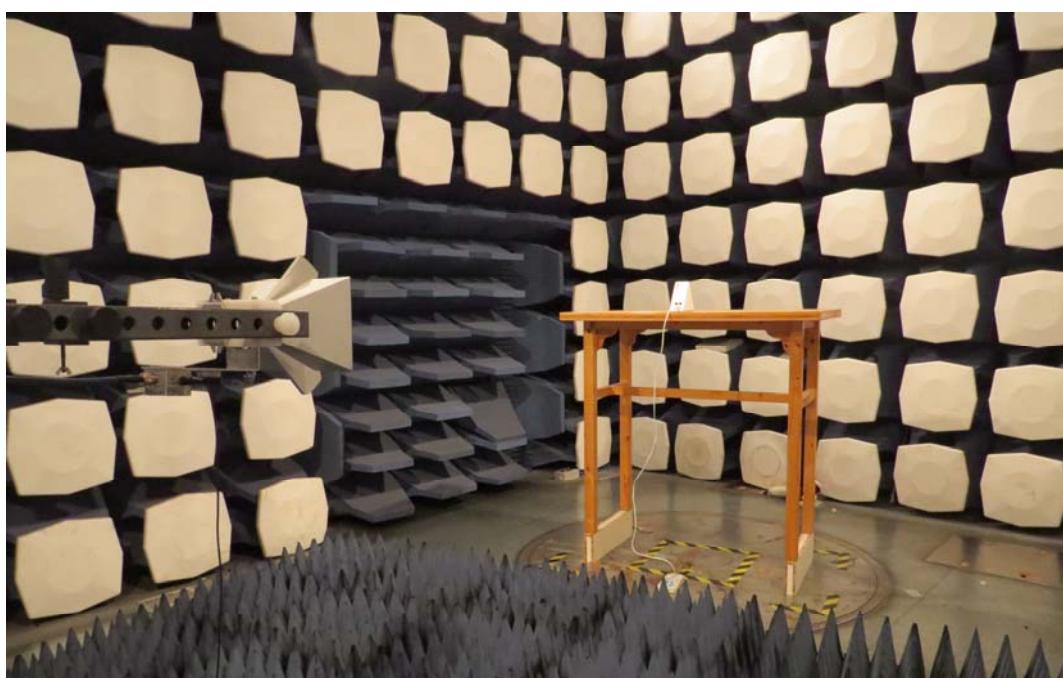


Picture 1 EUT

A.2 Test Setup



30MHz-1GHz



Above 1GHz

Picture 2 Radiated Emission Test Setup



Picture 3 Conducted Emission Test Setup