



802.11g CH1

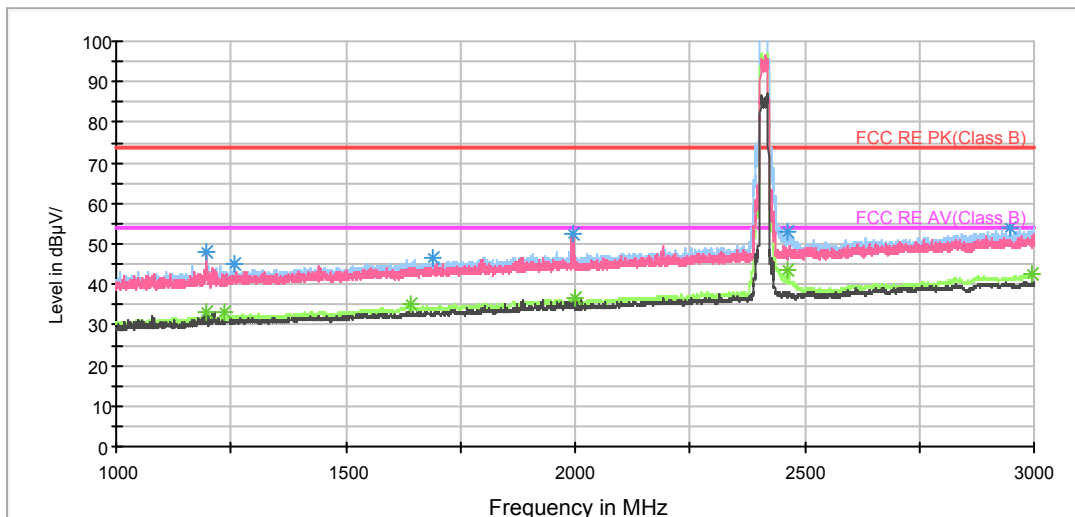
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1196.250000	48.2	205.0	V	253.0	53.4	-5.2	25.8	74
1259.000000	45.2	205.0	H	0.0	50.0	-4.8	28.8	74
1689.000000	46.3	205.0	H	111.0	48.3	-2.0	27.7	74
1996.250000	52.5	205.0	V	231.0	52.8	-0.3	21.5	74
2464.250000	52.8	205.0	H	2.0	50.4	2.4	21.2	74
2949.750000	54.0	205.0	H	0.0	49.0	5.0	20.0	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1197.250000	33.3	205.0	V	231.0	38.5	-5.2	20.7	54
1234.750000	33.4	205.0	H	232.0	38.3	-4.9	20.6	54
1643.000000	34.9	205.0	H	38.0	36.7	-1.8	19.1	54
1998.250000	36.4	205.0	H	103.0	36.8	-0.4	17.6	54
2464.250000	43.7	205.0	H	2.0	41.3	2.4	10.3	54
2997.750000	42.5	205.0	H	0.0	37.2	5.3	11.5	54

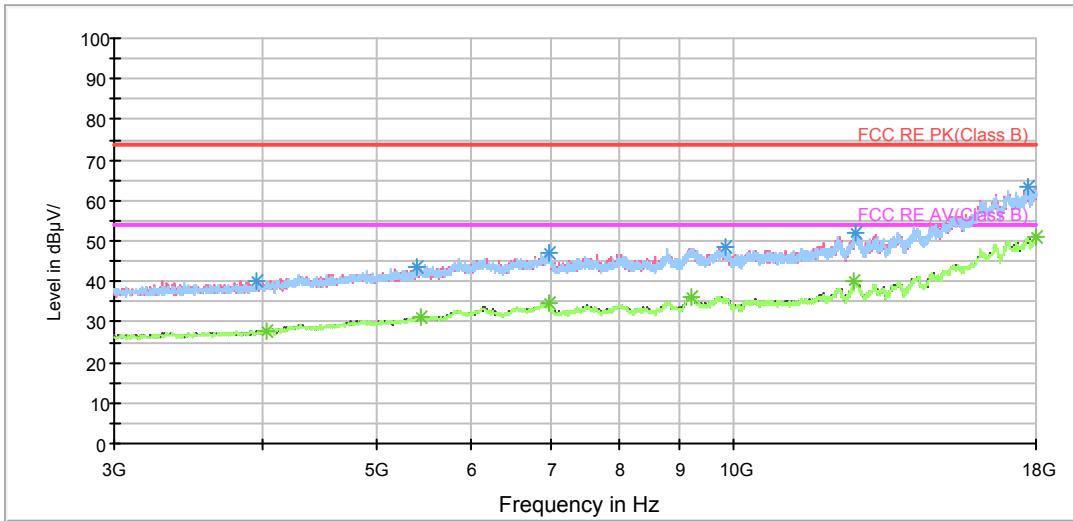
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 1G-3GHz PK+AV



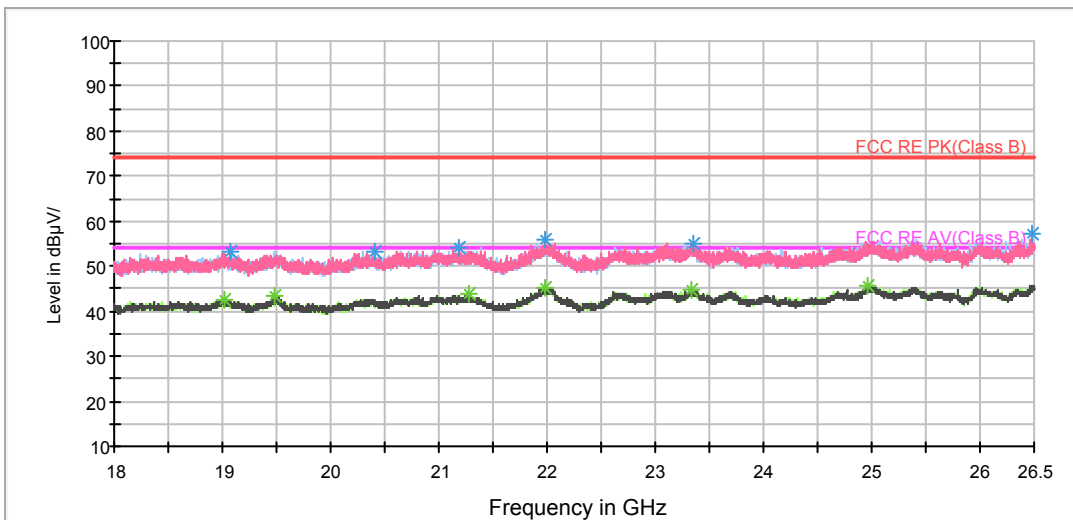
Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



Radiates Emission from 3GHz to 18GHz

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz



802.11g CH6

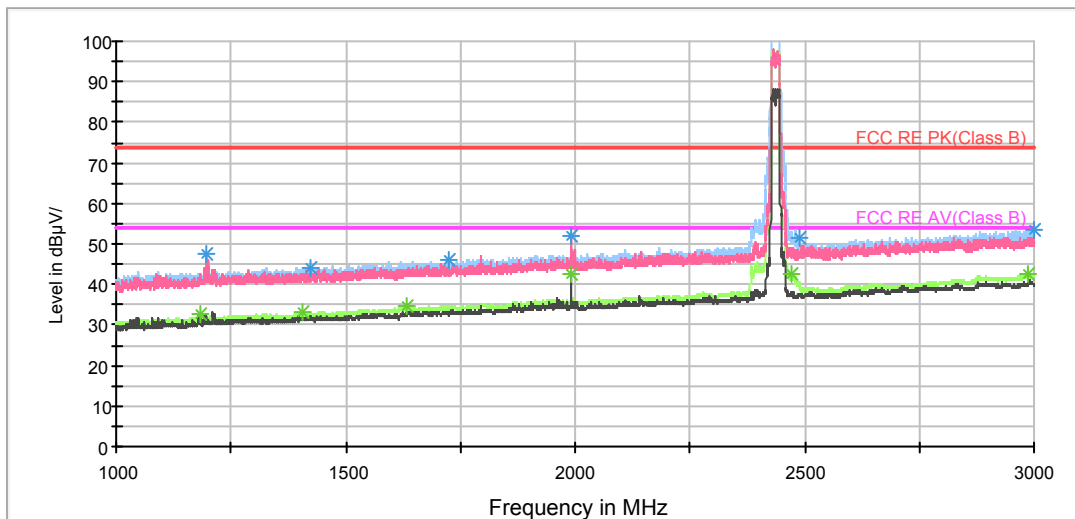
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1198.000000	47.4	205.0	V	262.0	52.6	-5.2	26.6	74
1424.000000	44.3	105.0	H	141.0	48.2	-3.9	29.7	74
1727.000000	46.2	105.0	H	337.0	48.3	-2.1	27.8	74
1991.500000	52.2	105.0	V	211.0	52.5	-0.3	21.8	74
2488.000000	51.3	205.0	H	166.0	48.1	3.2	22.7	74
2999.000000	53.3	205.0	H	0.0	48.0	5.3	20.7	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)
1181.250000	32.6	205.0	H	228.0	37.6	-5.0	21.4	54
1408.000000	33.1	105.0	H	352.0	37.2	-4.1	20.9	54
1632.000000	34.7	205.0	H	203.0	36.4	-1.7	19.3	54
1992.500000	42.3	205.0	V	247.0	42.6	-0.3	11.7	54
2472.000000	42.3	205.0	H	166.0	39.7	2.6	11.7	54
2986.750000	42.6	105.0	H	257.0	37.4	5.2	11.4	54

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

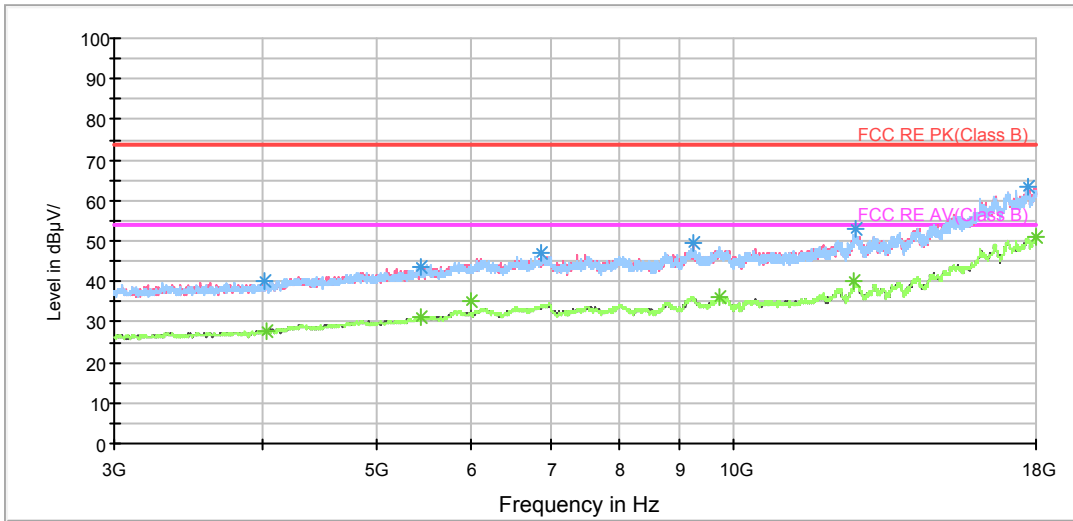
RE 1G-3GHz PK+AV



Note: The signal beyond the limit is carrier.

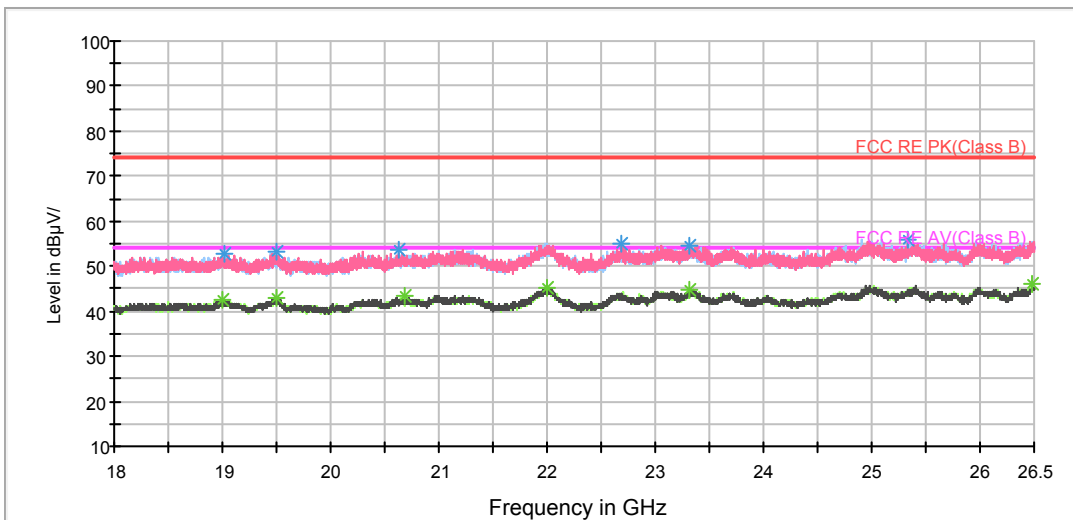
Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



Radiates Emission from 3GHz to 18GHz

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz



802.11g CH11

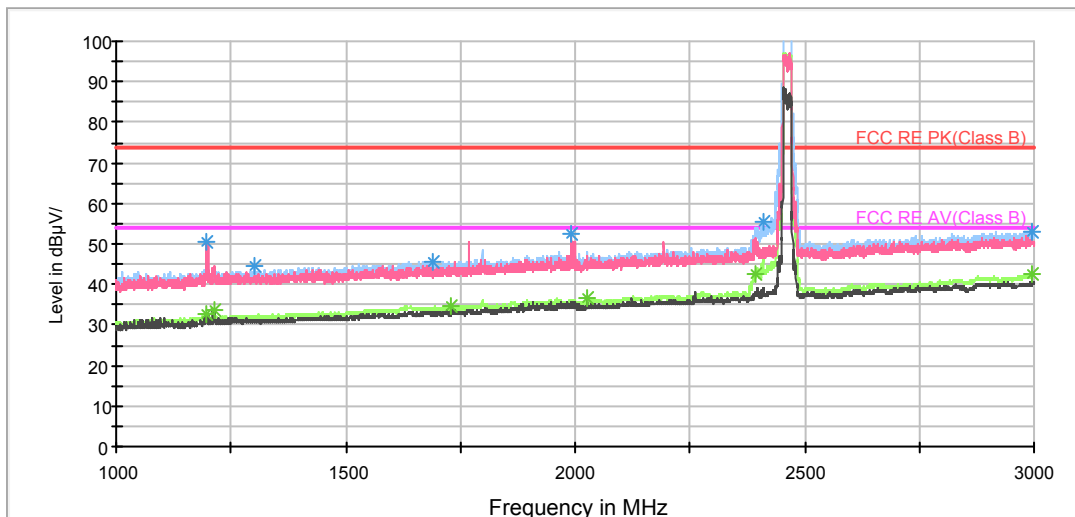
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1195.500000	50.6	105.0	V	243.0	55.8	-5.2	23.4	74
1303.000000	44.6	205.0	H	180.0	49.4	-4.8	29.4	74
1690.500000	45.6	105.0	H	0.0	47.6	-2.0	28.4	74
1992.250000	52.5	105.0	V	220.0	52.8	-0.3	21.5	74
2408.500000	55.2	205.0	H	1.0	52.7	2.5	18.8	74
2995.250000	53.1	205.0	H	249.0	47.8	5.3	20.9	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1196.750000	32.9	105.0	H	270.0	38.1	-5.2	21.1	54
1213.250000	33.7	205.0	V	276.0	38.7	-5.0	20.3	54
1727.250000	34.8	205.0	H	48.0	36.9	-2.1	19.2	54
2025.500000	36.8	205.0	V	226.0	37.3	-0.5	17.2	54
2393.500000	42.8	205.0	H	173.0	41.1	1.7	11.2	54
2997.250000	42.7	105.0	H	285.0	37.4	5.3	11.3	54

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

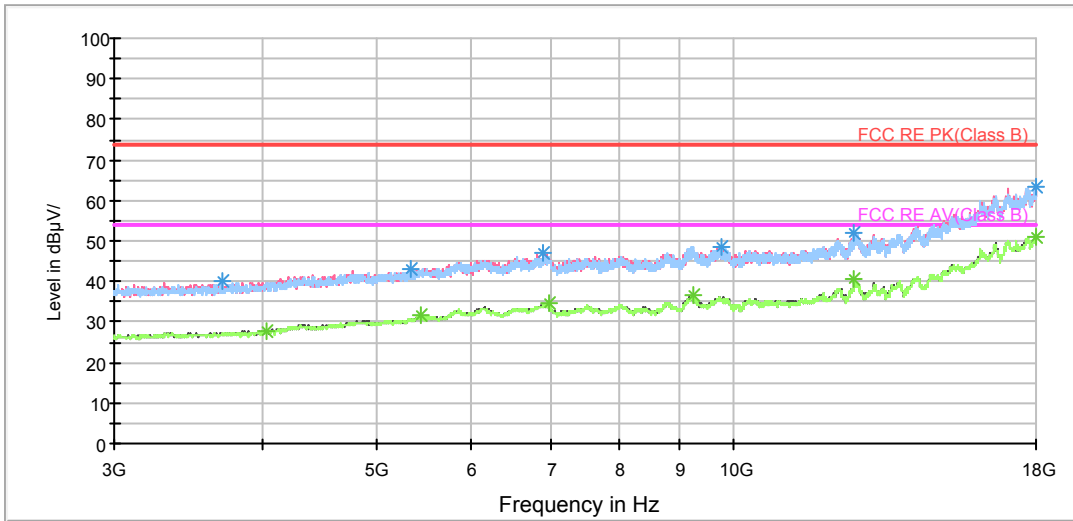
RE 1G-3GHz PK+AV



Note: The signal beyond the limit is carrier.

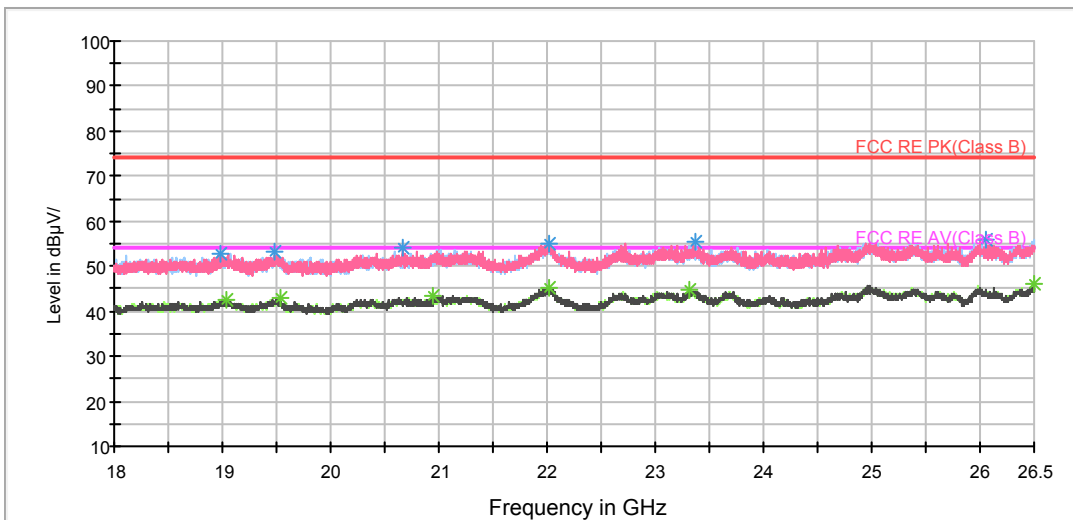
Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



Radiates Emission from 3GHz to 18GHz

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz



802.11n (HT20) CH1

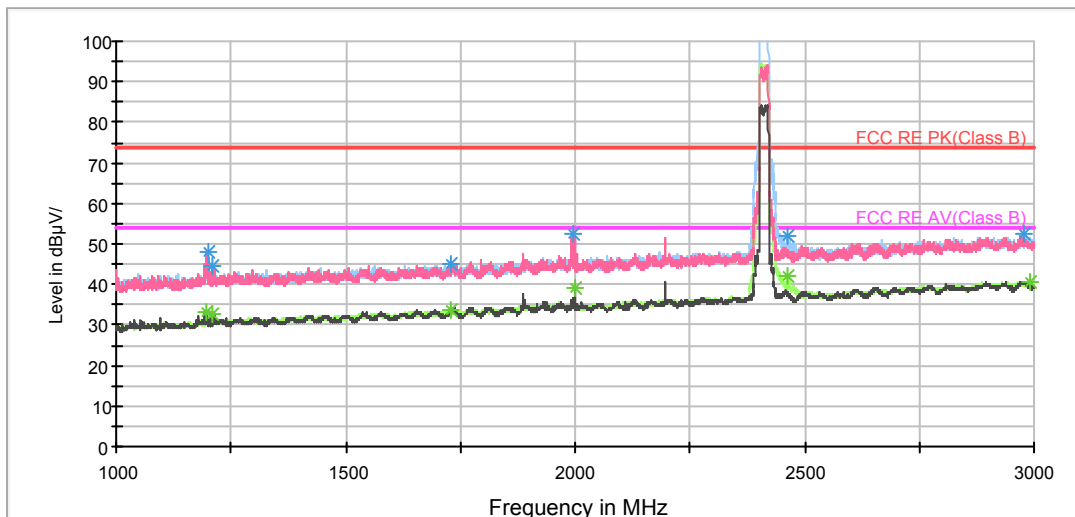
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1198.750000	48.1	205.0	V	276.0	53.3	-5.2	25.9	74
1211.750000	44.4	205.0	V	276.0	49.4	-5.0	29.6	74
1730.750000	44.9	205.0	H	85.0	46.8	-1.9	29.1	74
1997.000000	52.4	105.0	V	255.0	52.7	-0.3	21.6	74
2464.750000	52.0	205.0	H	4.0	49.5	2.5	22.0	74
2979.500000	52.3	205.0	V	0.0	47.1	5.2	21.7	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)
1198.500000	33.3	205.0	V	298.0	38.5	-5.2	20.7	54
1211.500000	32.7	205.0	V	258.0	37.7	-5.0	21.3	54
1730.250000	33.7	105.0	V	175.0	35.7	-2.0	20.3	54
1999.750000	39.4	205.0	V	237.0	39.8	-0.4	14.6	54
2464.500000	42.2	205.0	H	100.0	39.7	2.5	11.8	54
2991.500000	40.7	105.0	H	0.0	35.5	5.2	13.3	54

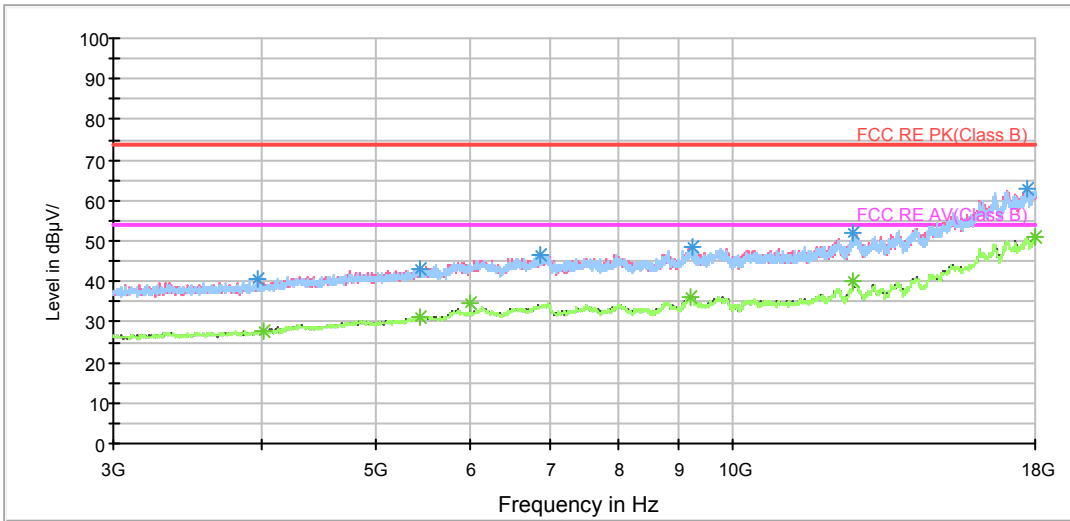
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 1G-3GHz PK+AV



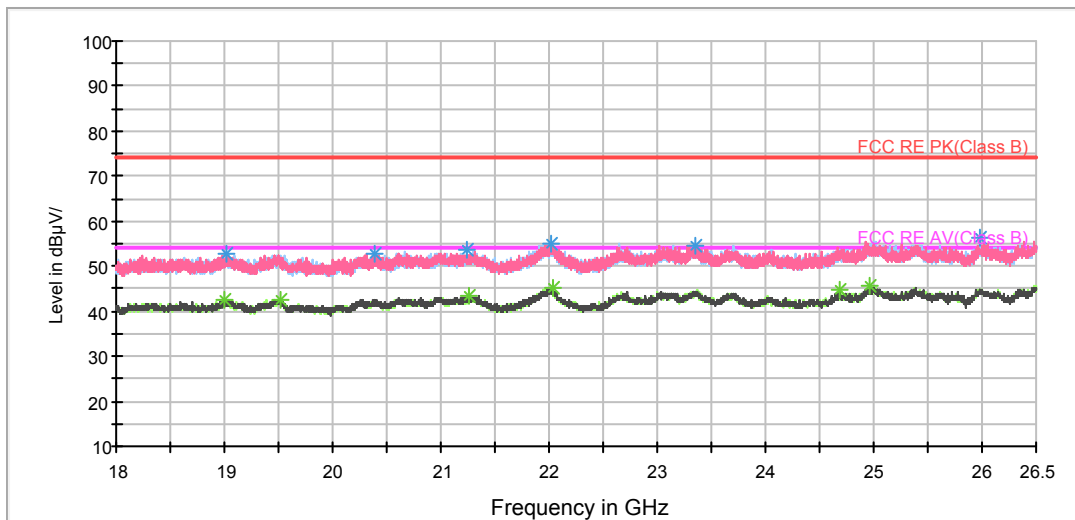
Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



Radiates Emission from 3GHz to 18GHz

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz



802.11n (HT20) CH6

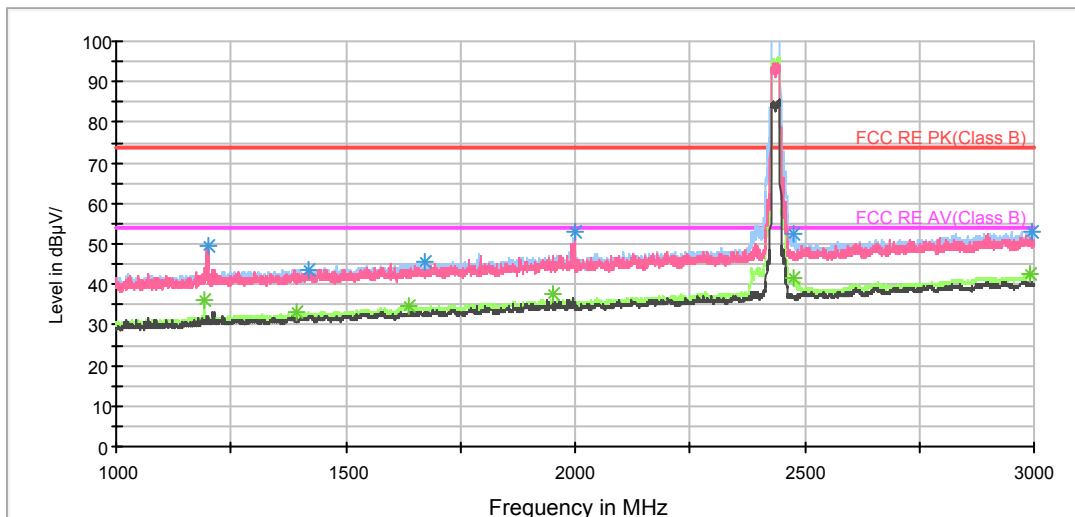
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1198.750000	49.7	205.0	V	275.0	54.9	-5.2	24.3	74
1417.500000	43.8	205.0	H	6.0	47.7	-3.9	30.2	74
1671.750000	45.6	205.0	H	0.0	47.7	-2.1	28.4	74
1999.000000	52.8	205.0	V	223.0	53.2	-0.4	21.2	74
2476.000000	52.5	205.0	H	6.0	49.9	2.6	21.5	74
2997.000000	52.8	205.0	H	89.0	47.5	5.3	21.2	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)
1193.000000	35.9	105.0	H	261.0	41.1	-5.2	18.1	54
1391.250000	33.2	205.0	H	148.0	37.2	-4.0	20.8	54
1637.000000	34.7	205.0	H	6.0	36.4	-1.7	19.3	54
1952.500000	37.7	205.0	V	245.0	38.3	-0.6	16.3	54
2476.000000	41.6	205.0	H	6.0	39.0	2.6	12.4	54
2992.000000	42.5	205.0	H	50.0	37.3	5.2	11.5	54

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

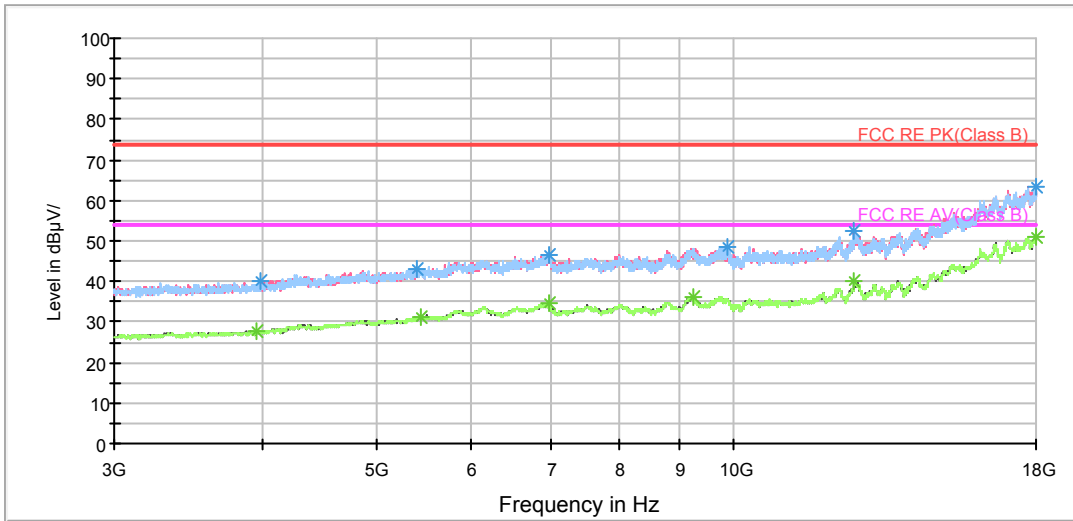
RE 1G-3GHz PK+AV



Note: The signal beyond the limit is carrier.

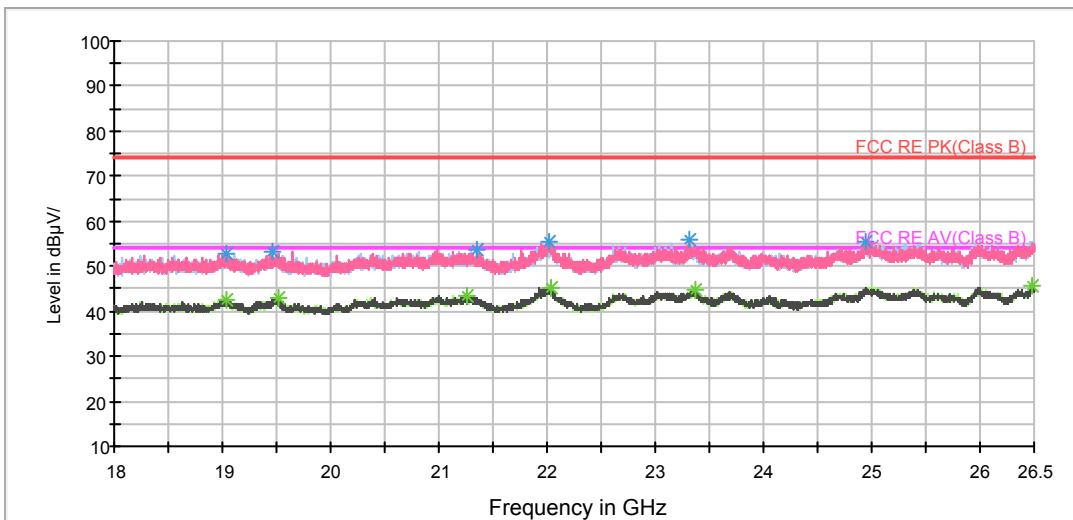
Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



Radiates Emission from 3GHz to 18GHz

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

802.11n (HT20) CH11

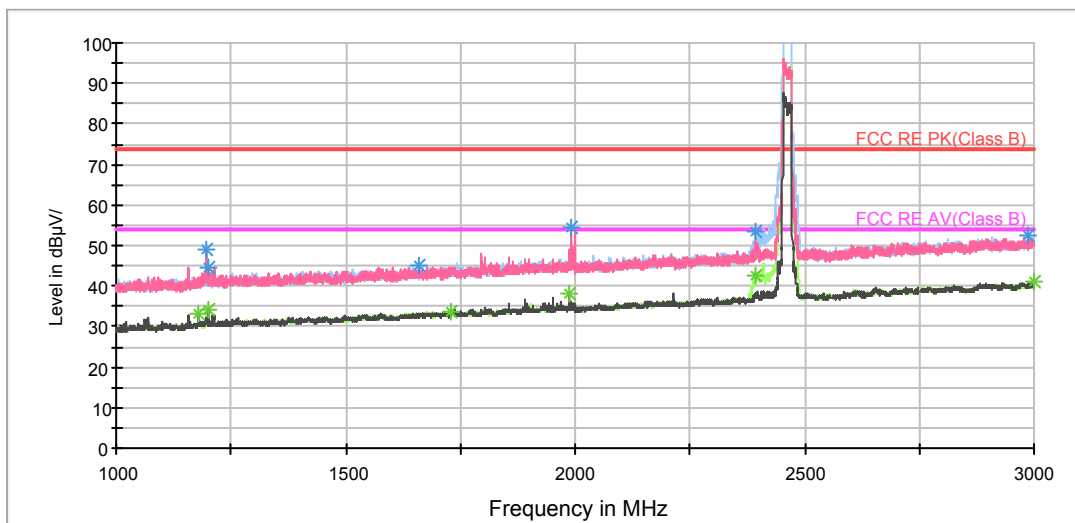
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1196.500000	49.2	205.0	V	245.0	54.4	-5.2	24.8	74
1201.250000	44.7	205.0	V	252.0	49.9	-5.2	29.3	74
1657.500000	45.1	205.0	V	0.0	47.3	-2.2	28.9	74
1992.000000	54.7	205.0	V	237.0	55.0	-0.3	19.3	74
2393.000000	53.4	105.0	H	0.0	51.7	1.7	20.6	74
2986.500000	52.4	205.0	H	0.0	47.2	5.2	21.6	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)
1179.250000	33.1	205.0	V	268.0	38.1	-5.0	20.9	54
1201.250000	34.0	205.0	V	252.0	39.2	-5.2	20.0	54
1730.500000	33.6	205.0	V	26.0	35.5	-1.9	20.4	54
1988.250000	38.1	205.0	V	222.0	38.6	-0.5	15.9	54
2393.000000	42.4	105.0	H	0.0	40.7	1.7	11.6	54
2999.250000	41.0	105.0	H	342.0	35.7	5.3	13.0	54

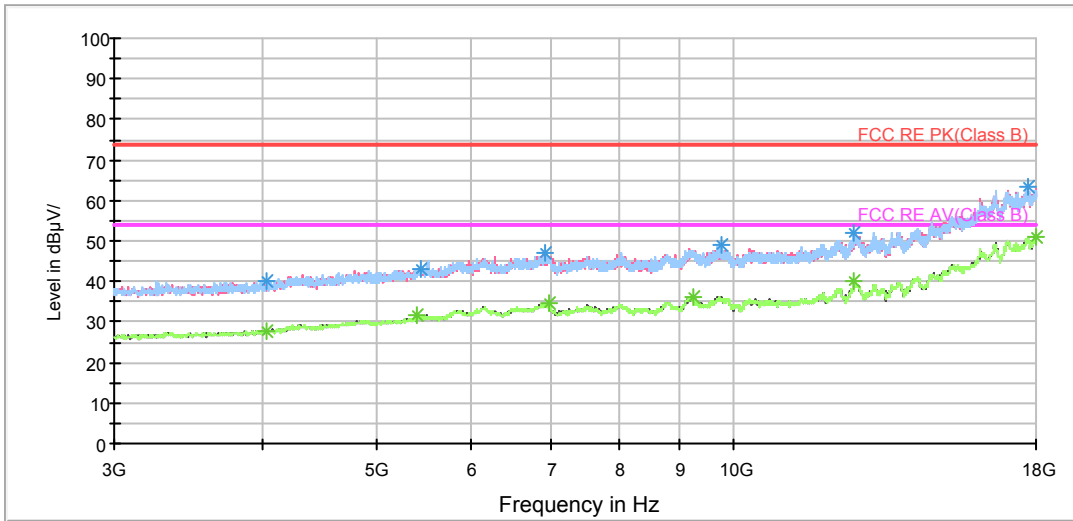
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 1G-3GHz PK+AV



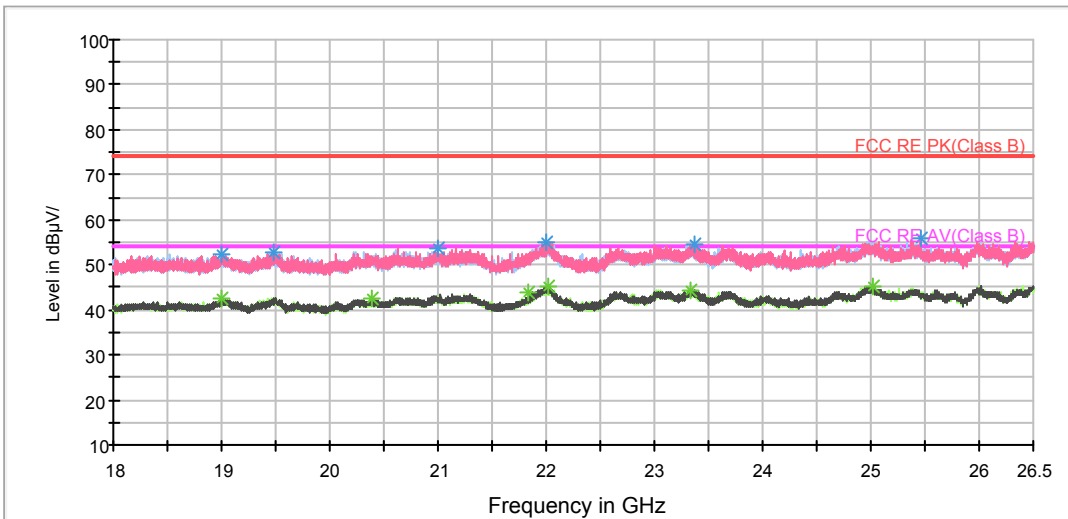
Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



Radiates Emission from 3GHz to 18GHz

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz



802.11n (HT40) CH3

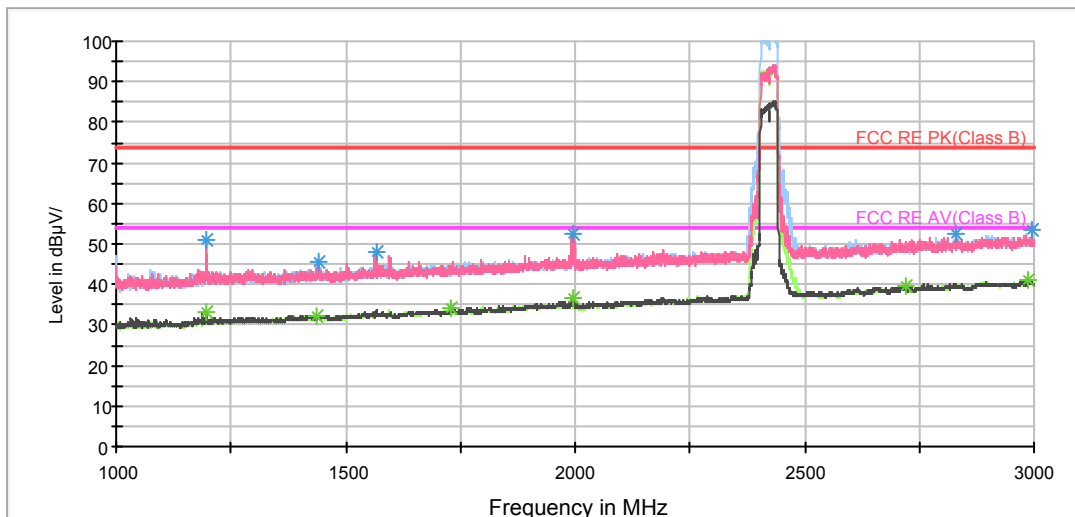
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1195.250000	50.9	202.0	V	283.0	56.1	-5.2	23.1	74
1440.000000	45.3	102.0	H	0.0	49.2	-3.9	28.7	74
1566.250000	47.9	202.0	V	0.0	51.5	-3.6	26.1	74
1997.000000	52.5	102.0	V	254.0	52.8	-0.3	21.5	74
2830.500000	52.3	202.0	V	231.0	47.7	4.6	21.7	74
2996.250000	53.5	202.0	V	306.0	48.2	5.3	20.5	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1195.250000	33.1	202.0	V	283.0	38.3	-5.2	20.9	54
1437.750000	32.4	202.0	H	275.0	36.3	-3.9	21.6	54
1729.500000	33.9	202.0	V	0.0	35.9	-2.0	20.1	54
1997.750000	36.6	102.0	V	254.0	36.9	-0.3	17.4	54
2722.250000	39.4	102.0	H	132.0	36.1	3.3	14.6	54
2985.750000	40.8	102.0	V	21.0	35.6	5.2	13.2	54

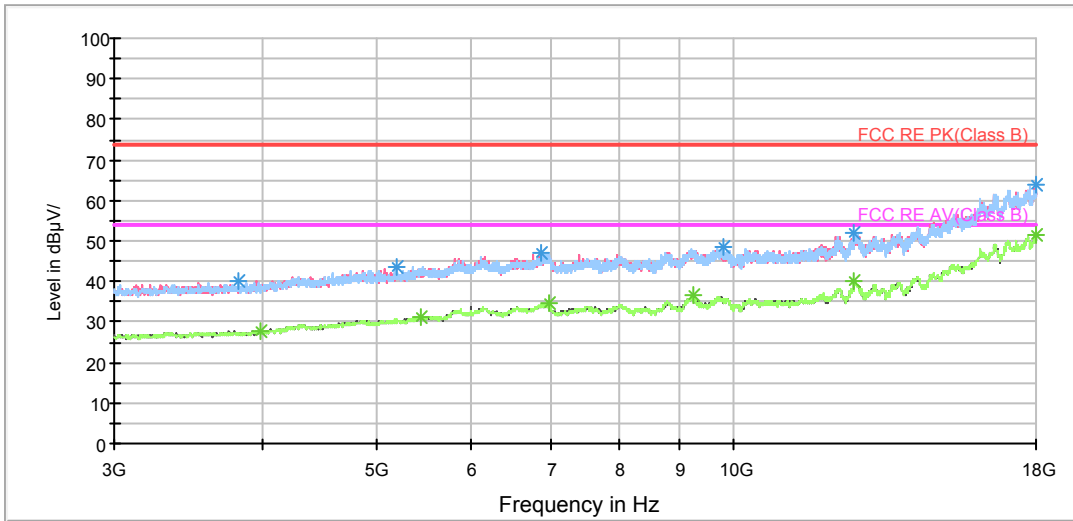
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 1G-3GHz PK+AV



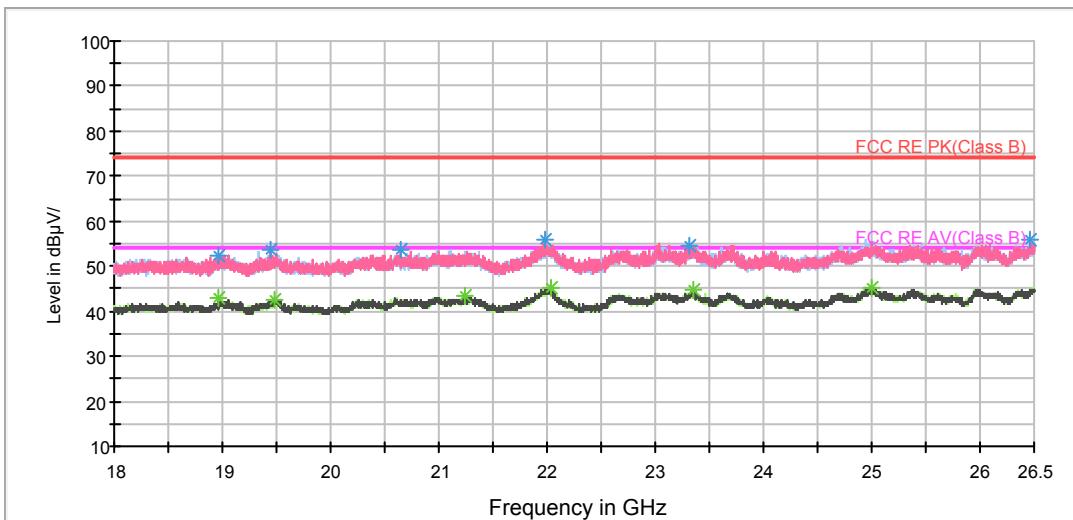
Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



Radiates Emission from 3GHz to 18GHz

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz



802.11n (HT40) CH6

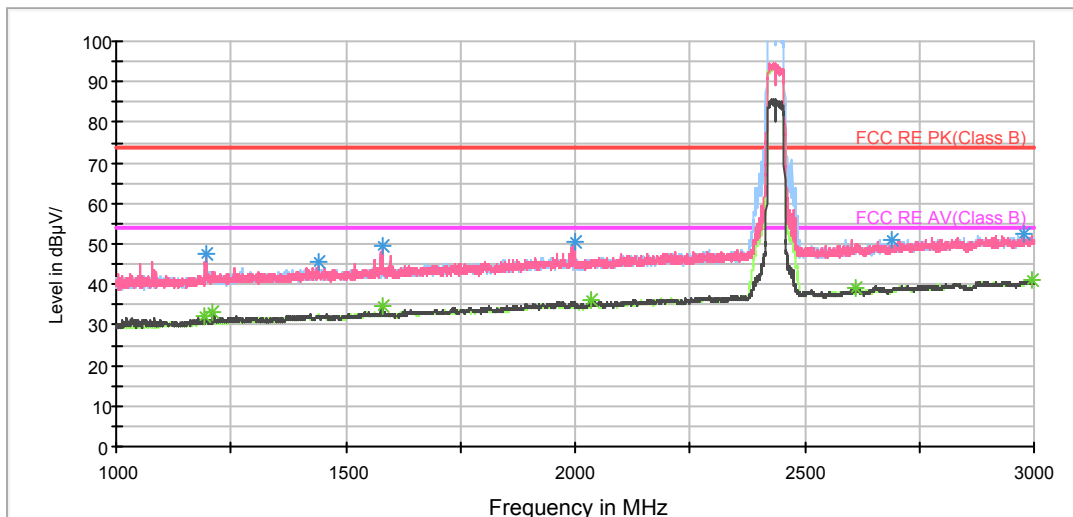
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1197.750000	47.7	202.0	V	321.0	52.9	-5.2	26.3	74
1439.500000	45.4	202.0	H	0.0	49.3	-3.9	28.6	74
1579.750000	49.5	202.0	V	28.0	52.8	-3.3	24.5	74
1999.000000	50.3	202.0	V	234.0	50.7	-0.4	23.7	74
2692.000000	51.2	102.0	H	199.0	48.1	3.1	22.8	74
2977.750000	52.6	202.0	V	138.0	47.4	5.2	21.4	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)
1194.250000	32.0	202.0	V	248.0	37.2	-5.2	22.0	54
1210.250000	33.2	202.0	V	285.0	38.3	-5.1	20.8	54
1580.000000	34.9	202.0	V	28.0	38.2	-3.3	19.1	54
2036.500000	36.0	202.0	V	271.0	36.3	-0.3	18.0	54
2611.500000	39.1	101.0	V	343.0	36.0	3.1	14.9	54
2997.000000	41.1	101.0	V	45.0	35.8	5.3	12.9	54

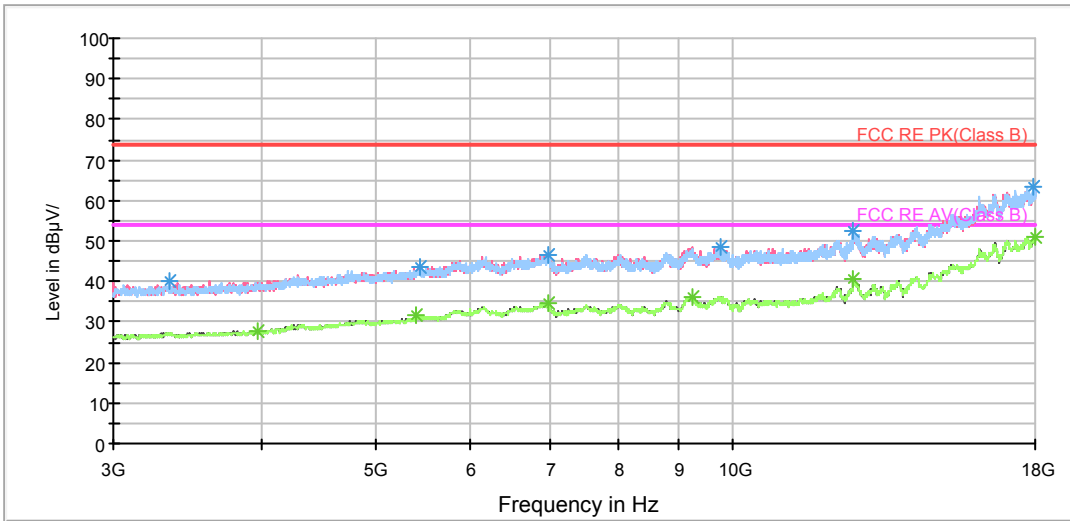
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 1G-3GHz PK+AV



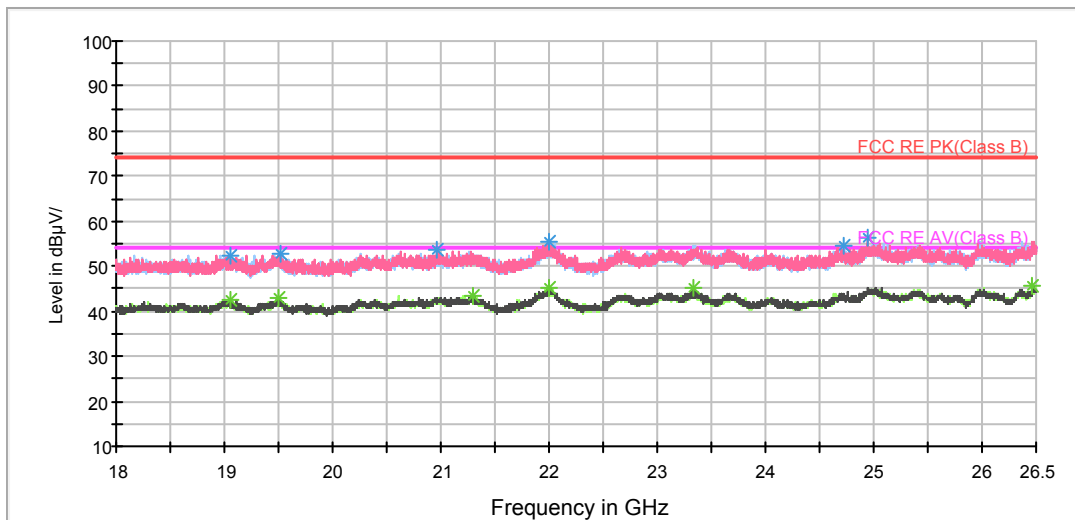
Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



Radiates Emission from 3GHz to 18GHz

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz



802.11n (HT40) CH9

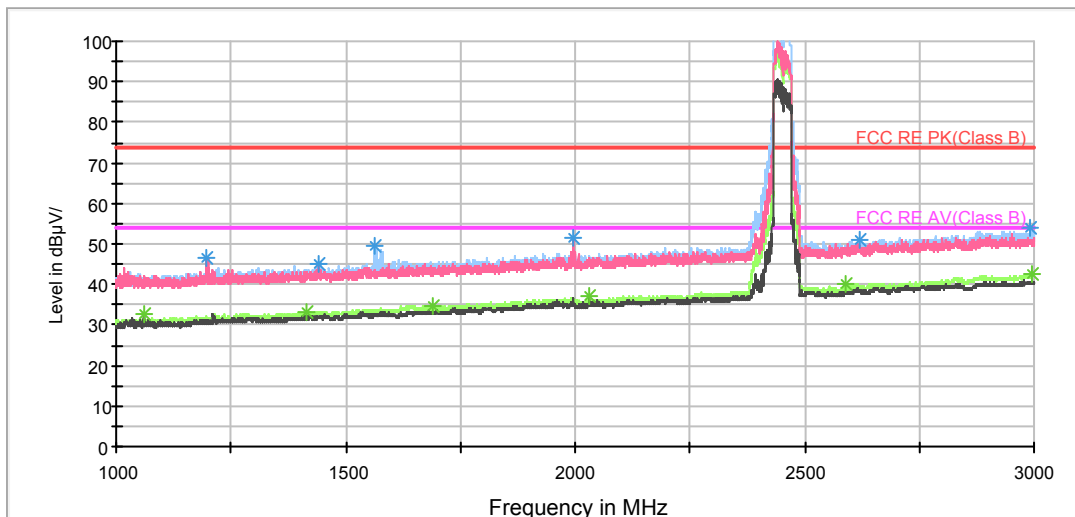
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1195.750000	46.5	202.0	V	276.0	51.7	-5.2	27.5	74
1441.250000	45.0	102.0	H	348.0	48.9	-3.9	29.0	74
1564.500000	49.6	102.0	H	0.0	53.2	-3.6	24.4	74
1995.500000	51.4	202.0	V	269.0	51.6	-0.2	22.6	74
2618.500000	50.8	202.0	H	0.0	47.8	3.0	23.2	74
2991.250000	53.9	202.0	H	11.0	48.7	5.2	20.1	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1059.000000	32.6	202.0	V	327.0	38.5	-5.9	21.4	54
1412.750000	33.3	202.0	H	137.0	37.4	-4.1	20.7	54
1689.000000	34.8	202.0	H	4.0	36.8	-2.0	19.2	54
2030.250000	37.0	102.0	V	277.0	37.4	-0.4	17.0	54
2591.000000	40.0	202.0	H	137.0	37.0	3.0	14.0	54
2997.250000	42.5	202.0	H	11.0	37.2	5.3	11.5	54

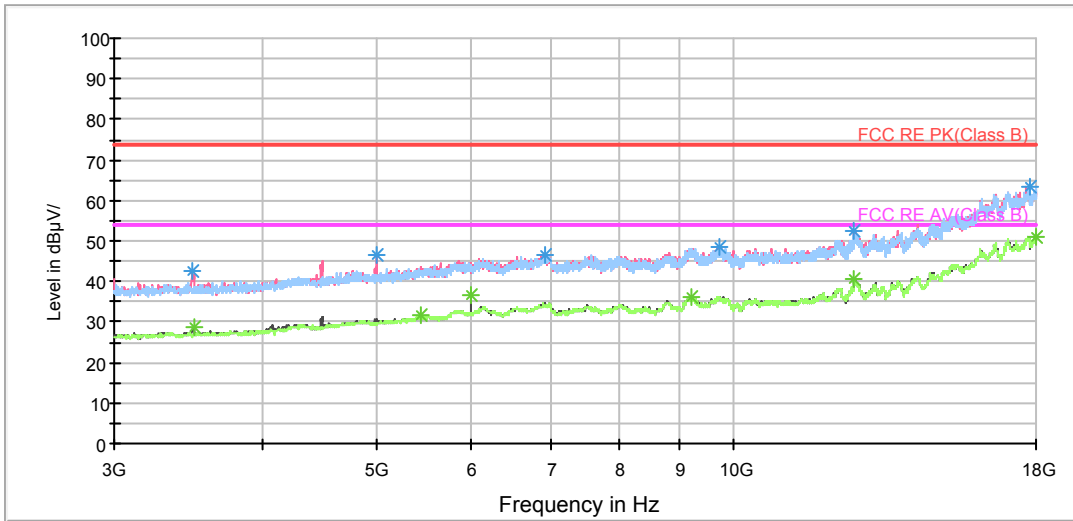
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 1G-3GHz PK+AV



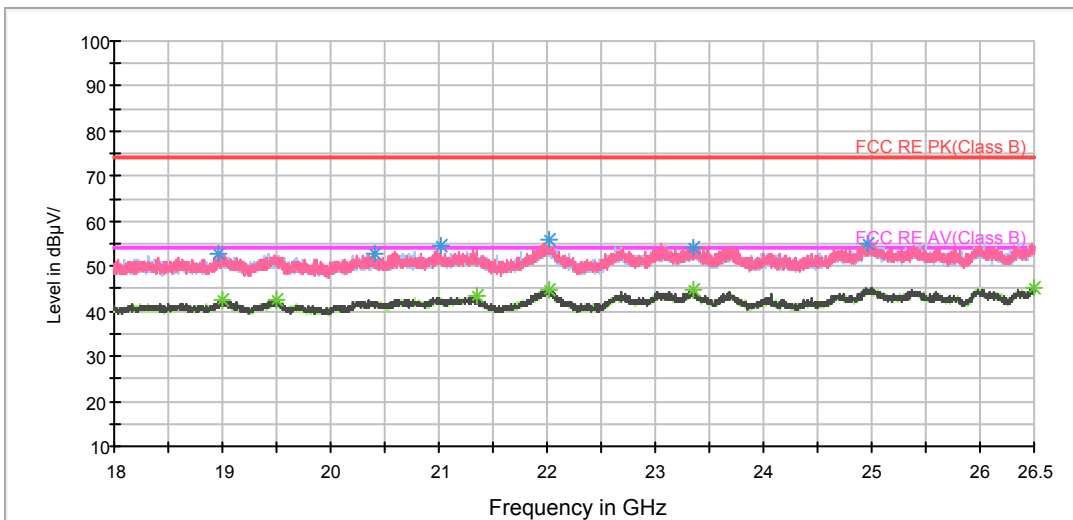
Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



Radiates Emission from 3GHz to 18GHz

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz



BLE-Channel 0

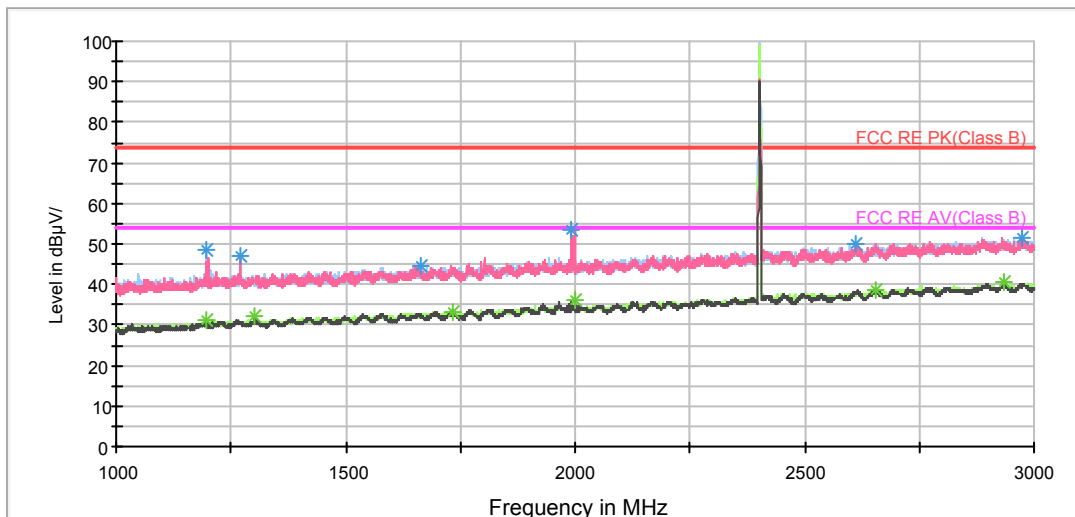
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1196.000000	48.4	202.0	H	266.0	53.6	-5.2	25.6	74
1271.500000	47.2	202.0	V	234.0	51.9	-4.7	26.8	74
1663.250000	44.8	202.0	H	266.0	47.0	-2.2	29.2	74
1992.750000	53.6	202.0	V	248.0	53.9	-0.3	20.4	74
2610.750000	50.0	102.0	V	210.0	46.8	3.2	24.0	74
2971.750000	51.6	102.0	V	271.0	46.4	5.2	22.4	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1195.000000	31.3	202.0	H	20.0	36.5	-5.2	22.7	54
1301.750000	32.0	102.0	V	158.0	36.8	-4.8	22.0	54
1732.000000	33.3	102.0	V	129.0	35.1	-1.8	20.7	54
1999.250000	35.9	102.0	V	240.0	36.3	-0.4	18.1	54
2655.750000	38.8	101.0	H	106.0	35.4	3.4	15.2	54
2934.500000	40.4	202.0	V	241.0	35.6	4.8	13.6	54

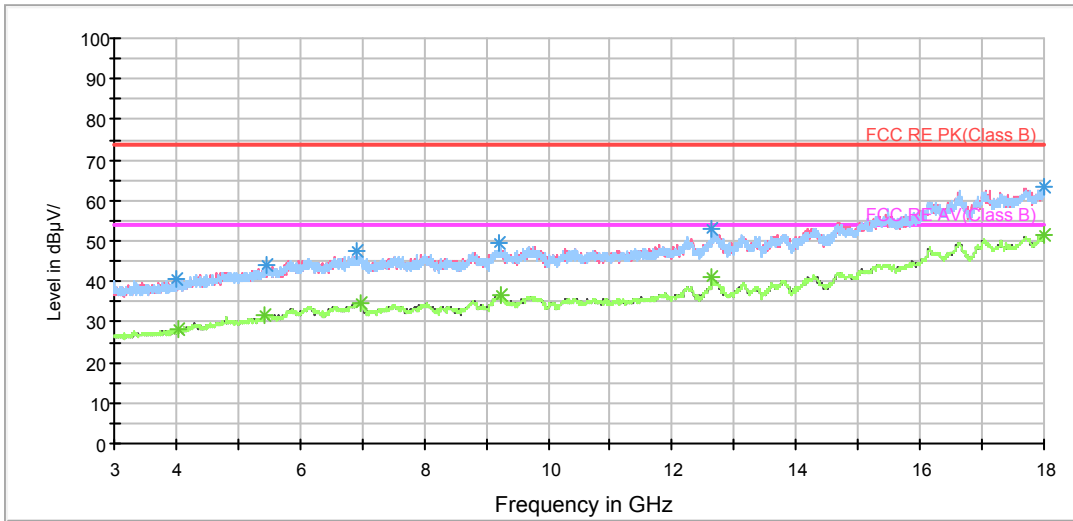
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 1G-3GHz PK+AV



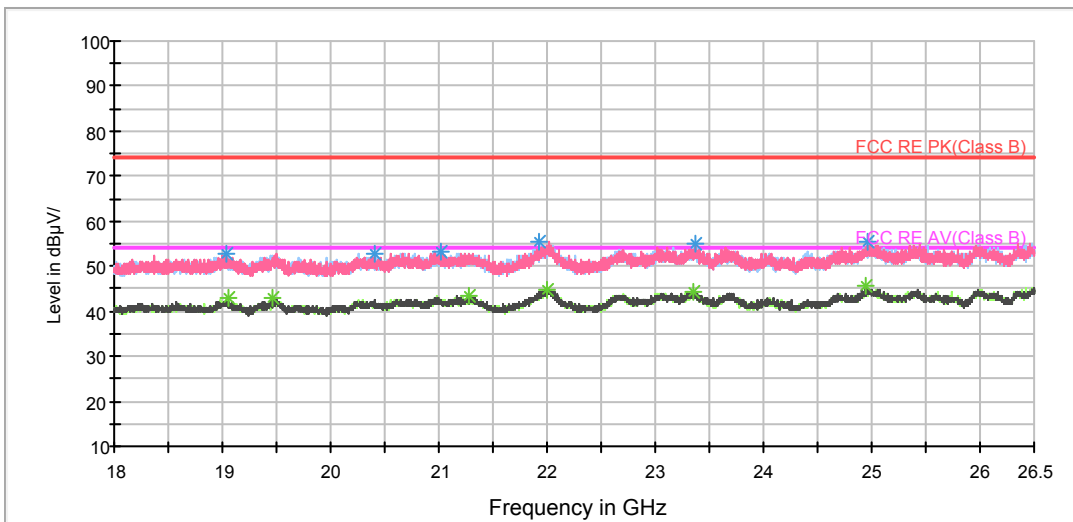
Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV_BELL SWEEP



Radiates Emission from 3GHz to 18GHz

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz



BLE-Channel 19

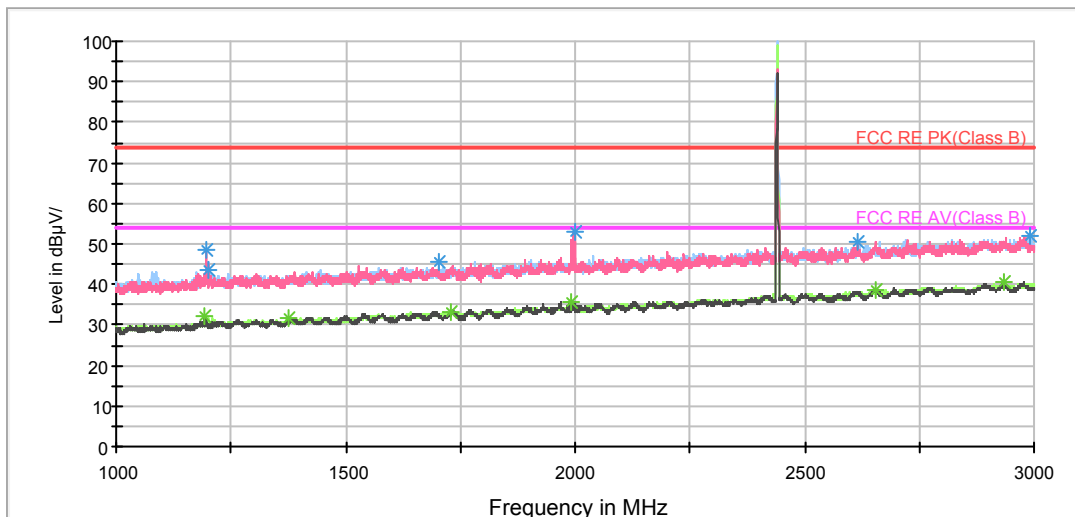
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1197.250000	48.5	202.0	V	264.0	53.7	-5.2	25.5	74
1202.000000	43.7	202.0	H	115.0	48.9	-5.2	30.3	74
1701.500000	45.7	102.0	H	0.0	47.6	-1.9	28.3	74
1999.500000	53.2	202.0	V	228.0	53.6	-0.4	20.8	74
2617.500000	50.6	102.0	V	142.0	47.6	3.0	23.4	74
2993.000000	51.7	102.0	H	0.0	46.5	5.2	22.3	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)
1192.000000	31.9	202.0	V	0.0	37.1	-5.2	22.1	54
1377.250000	31.8	102.0	V	233.0	35.9	-4.1	22.2	54
1730.500000	33.3	202.0	V	302.0	35.2	-1.9	20.7	54
1992.000000	35.9	202.0	V	271.0	36.2	-0.3	18.1	54
2654.250000	38.8	202.0	V	17.0	35.4	3.4	15.2	54
2933.250000	40.4	202.0	V	354.0	35.6	4.8	13.6	54

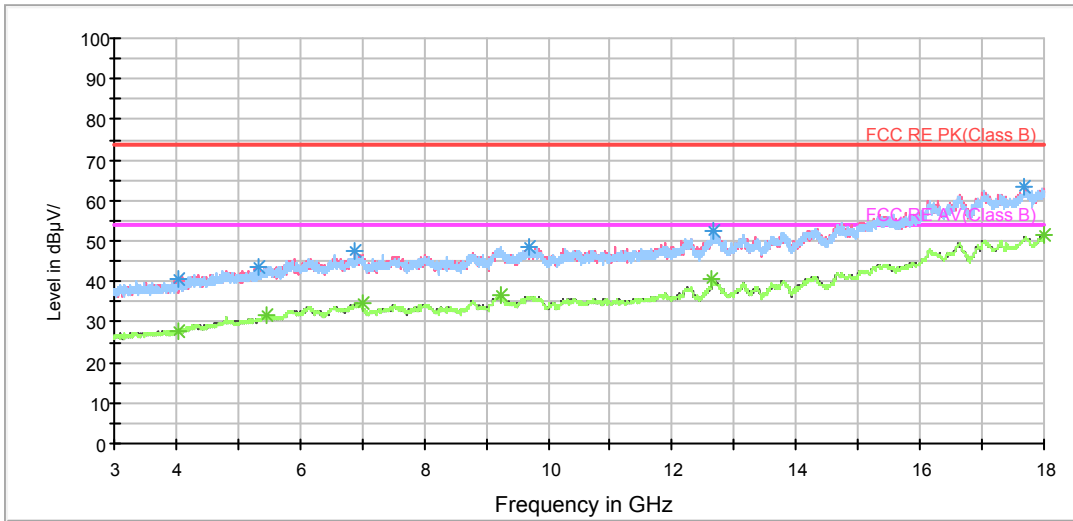
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 1G-3GHz PK+AV



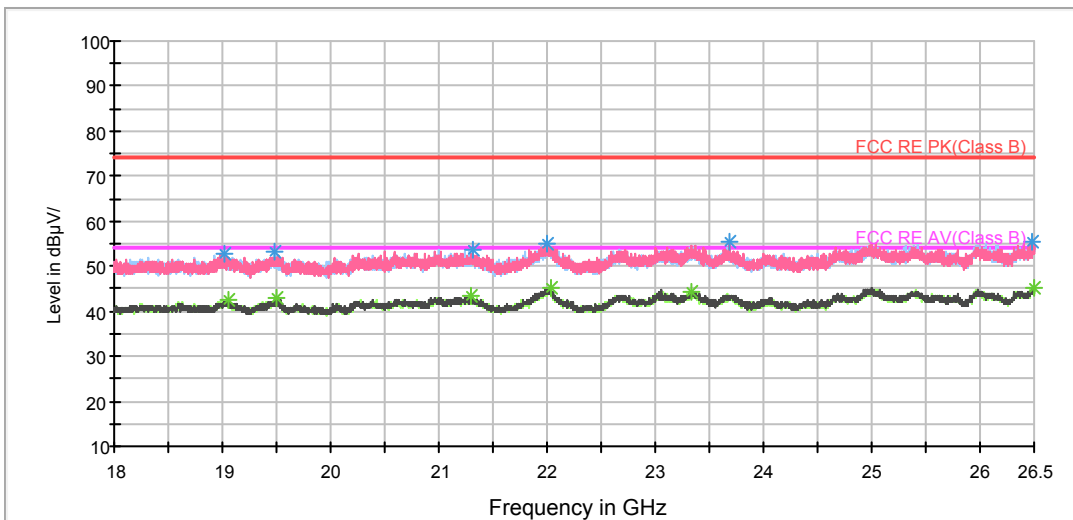
Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV_BELL SWEEP



Radiates Emission from 3GHz to 18GHz

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz



BLE-Channel 39

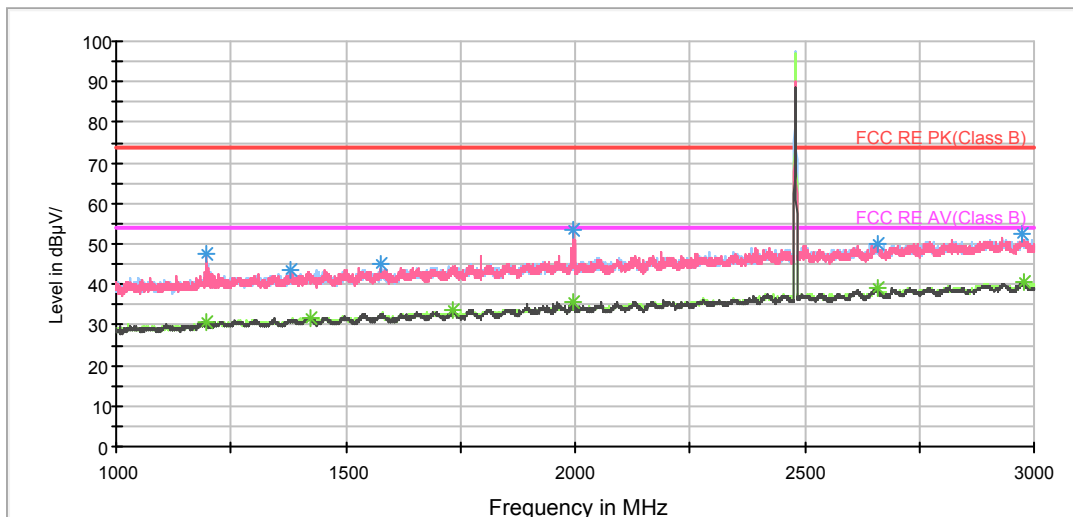
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1198.000000	47.7	202.0	V	238.0	52.9	-5.2	26.3	74
1380.500000	43.6	202.0	V	185.0	47.6	-4.0	30.4	74
1578.500000	45.0	102.0	H	119.0	48.3	-3.3	29.0	74
1996.250000	53.5	202.0	V	268.0	53.8	-0.3	20.5	74
2657.250000	50.1	202.0	H	65.0	46.7	3.4	23.9	74
2972.500000	52.4	102.0	V	191.0	47.2	5.2	21.6	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1198.000000	30.9	102.0	V	259.0	36.1	-5.2	23.1	54
1421.750000	31.7	202.0	H	0.0	35.6	-3.9	22.3	54
1731.750000	33.5	202.0	V	231.0	35.3	-1.8	20.5	54
1994.000000	35.8	102.0	V	229.0	36.0	-0.2	18.2	54
2658.500000	39.1	102.0	V	105.0	35.7	3.4	14.9	54
2977.250000	40.4	102.0	V	157.0	35.2	5.2	13.6	54

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

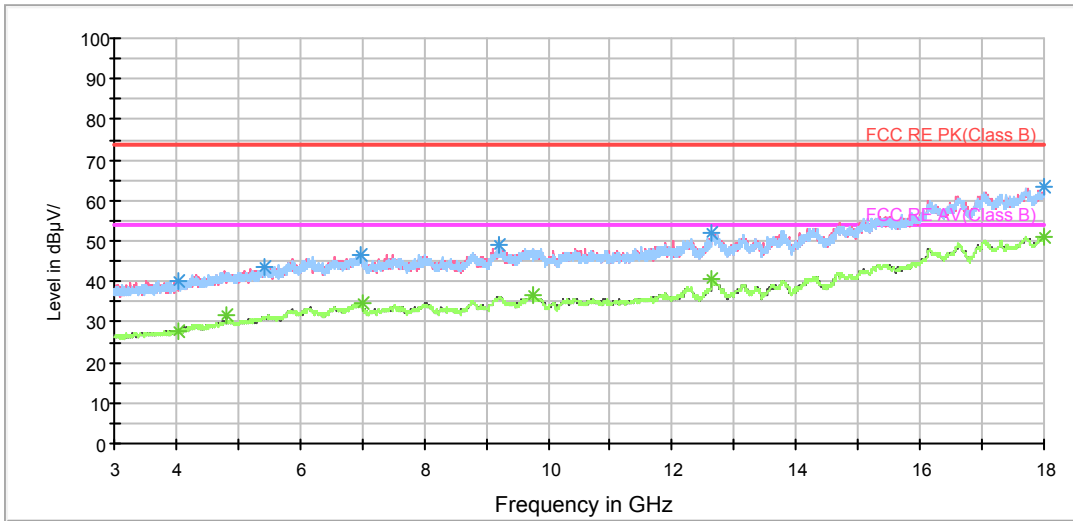
RE 1G-3GHz PK+AV



Note: The signal beyond the limit is carrier.

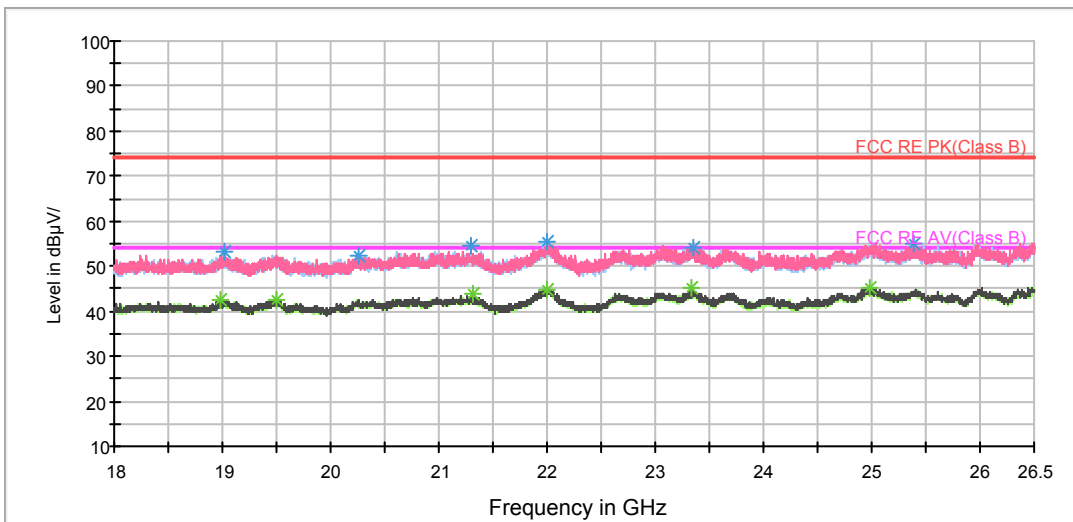
Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV_BELL SWEEP



Radiates Emission from 3GHz to 18GHz

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

5.8. Conducted Emission

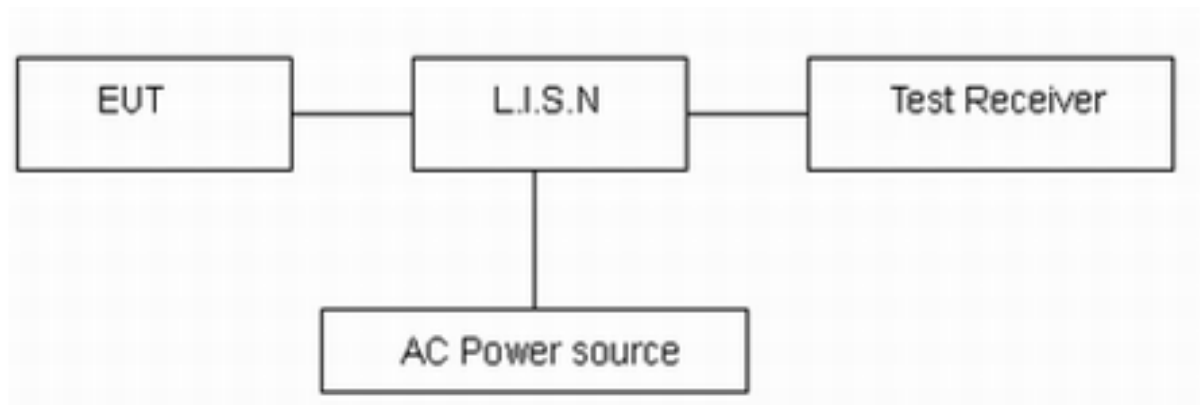
Ambient condition

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

Methods of Measurement

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

Test Setup



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

Limits

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

*: Decreases with the logarithm of the frequency.

Measurement Uncertainty

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

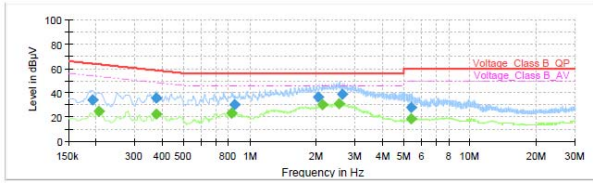


Test Results:

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

802.11b, Channel No.: 1

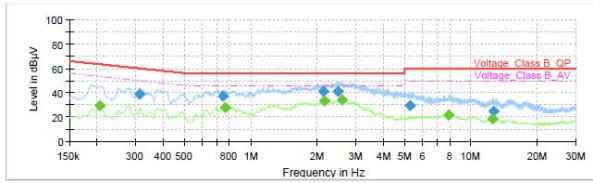
L Line



Final Result

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

N Line

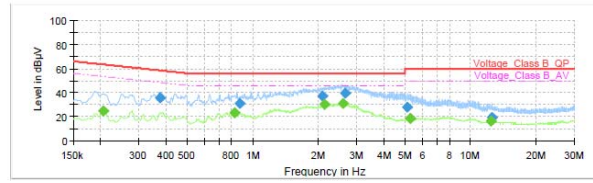


Final Result

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

802.11b, Channel No.: 6

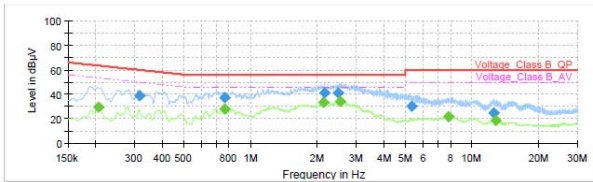
L Line



Final Result

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

N Line

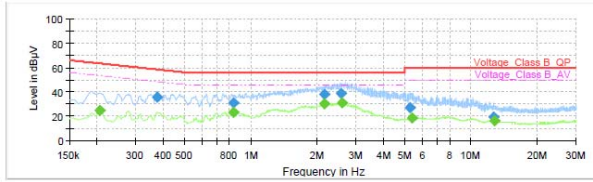


Final Result

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

802.11b, Channel No.: 11

L Line

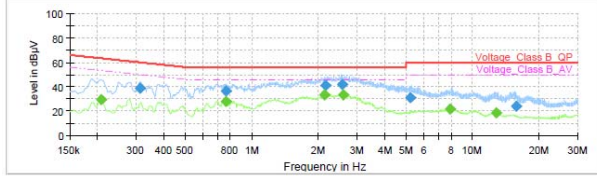


Final Result

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



N Line

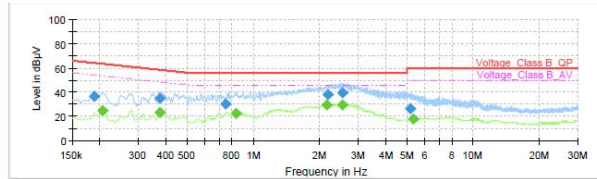


Final Result

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

802.11g, Channel No.: 1

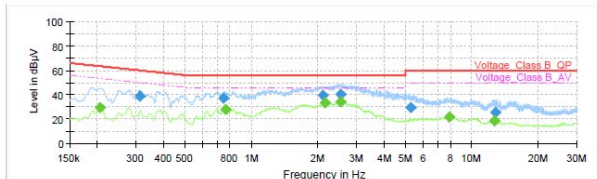
L Line



Final Result

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

N Line

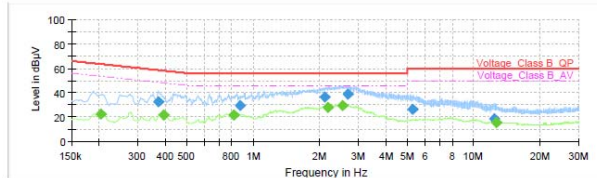


Final Result

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

802.11g, Channel No.: 6

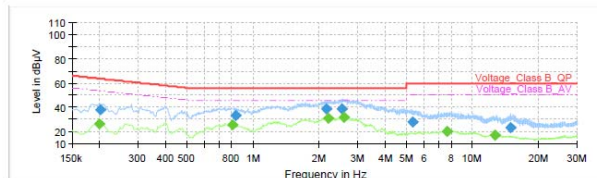
L Line



Final Result

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

N Line



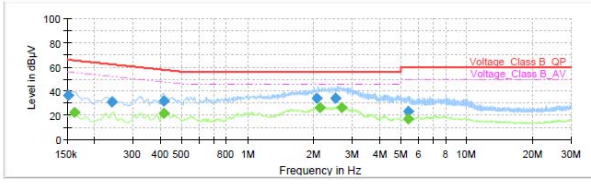
Final Result

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



802.11g, Channel No.: 11

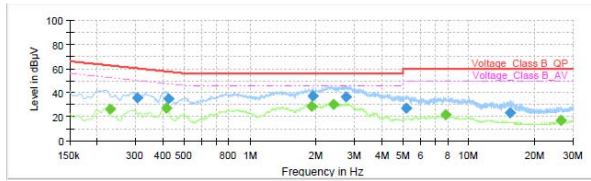
L Line



Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.152250	36.14	---	65.88	29.74	1000.0	9.000	L1	ON	19.0
0.161250	---	22.23	55.40	33.17	1000.0	9.000	L1	ON	19.1
0.240000	30.74	---	62.10	31.36	1000.0	9.000	L1	ON	19.1
0.413250	---	21.42	47.58	26.16	1000.0	9.000	L1	ON	19.2
0.413250	31.55	---	57.58	26.04	1000.0	9.000	L1	ON	19.2
2.055750	33.87	---	56.00	22.13	1000.0	9.000	L1	ON	19.1
2.141250	---	26.01	46.00	19.99	1000.0	9.000	L1	ON	19.1
2.503500	34.48	---	56.00	21.52	1000.0	9.000	L1	ON	19.0
2.674500	---	26.28	46.00	19.72	1000.0	9.000	L1	ON	19.0
5.390250	23.34	---	60.00	36.66	1000.0	9.000	L1	ON	19.1
5.412750	---	17.41	50.00	32.59	1000.0	9.000	L1	ON	19.1

N Line

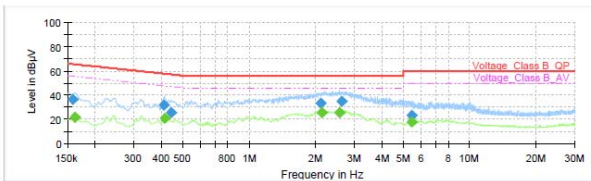


Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.228750	---	26.16	52.50	26.33	1000.0	9.000	N	ON	19.1
0.305250	35.74	---	60.10	24.36	1000.0	9.000	N	ON	19.2
0.413250	---	26.98	47.58	20.61	1000.0	9.000	N	ON	19.2
0.422250	35.09	---	57.40	22.31	1000.0	9.000	N	ON	19.2
1.916250	---	28.47	46.00	17.53	1000.0	9.000	N	ON	19.2
1.938750	37.08	---	56.00	18.92	1000.0	9.000	N	ON	19.1
2.418000	---	30.35	46.00	15.65	1000.0	9.000	N	ON	19.0
2.744250	36.71	---	56.00	19.29	1000.0	9.000	N	ON	19.1
5.145000	26.94	---	60.00	33.06	1000.0	9.000	N	ON	19.0
7.813500	---	21.66	50.00	28.34	1000.0	9.000	N	ON	19.2
15.461250	23.15	---	60.00	36.85	1000.0	9.000	N	ON	19.4
26.252250	---	16.99	50.00	33.01	1000.0	9.000	N	ON	19.8

802.11n(HT20), Channel No.: 1

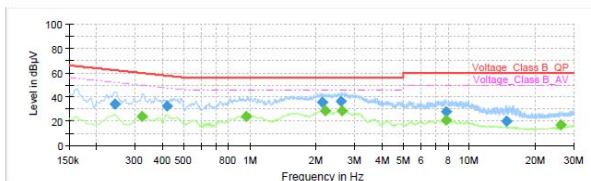
L Line



Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.159000	36.72	---	65.52	28.80	1000.0	9.000	L1	ON	19.1
0.161250	---	21.81	55.40	33.59	1000.0	9.000	L1	ON	19.1
0.411000	31.53	---	57.63	26.09	1000.0	9.000	L1	ON	19.2
0.413250	---	21.28	47.58	26.30	1000.0	9.000	L1	ON	19.2
0.444750	25.75	---	56.97	31.23	1000.0	9.000	L1	ON	19.2
2.109750	33.13	---	56.00	22.87	1000.0	9.000	L1	ON	19.1
2.125500	---	25.23	46.00	20.77	1000.0	9.000	L1	ON	19.1
2.580000	---	25.31	46.00	20.69	1000.0	9.000	L1	ON	19.0
2.611500	34.78	---	56.00	21.22	1000.0	9.000	L1	ON	19.0
5.428500	23.05	---	60.00	36.95	1000.0	9.000	L1	ON	19.1
5.439750	---	17.59	50.00	32.41	1000.0	9.000	L1	ON	19.1

N Line

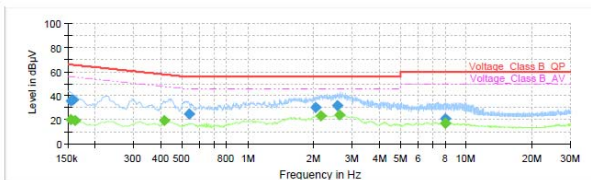


Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.242250	34.03	---	62.02	27.99	1000.0	9.000	N	ON	19.1
0.321000	---	24.16	49.68	25.52	1000.0	9.000	N	ON	19.2
0.417750	32.35	---	57.49	25.14	1000.0	9.000	N	ON	19.2
0.962250	---	24.13	46.00	21.87	1000.0	9.000	N	ON	19.2
2.127750	35.76	---	56.00	20.24	1000.0	9.000	N	ON	19.1
2.206500	---	28.52	46.00	17.48	1000.0	9.000	N	ON	19.1
2.593500	36.46	---	56.00	19.54	1000.0	9.000	N	ON	19.0
2.618250	---	29.05	46.00	16.95	1000.0	9.000	N	ON	19.0
7.824750	28.17	---	60.00	31.83	1000.0	9.000	N	ON	19.2
7.838250	---	20.84	50.00	29.16	1000.0	9.000	N	ON	19.2
14.766000	20.43	---	60.00	39.57	1000.0	9.000	N	ON	19.5
26.052000	---	16.90	50.00	33.10	1000.0	9.000	N	ON	19.7

802.11n(HT20), Channel No.: 6

L Line

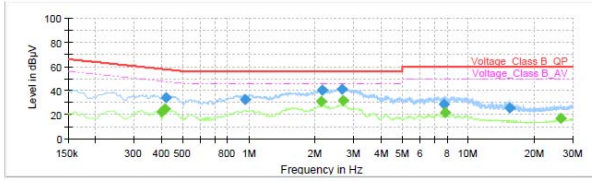


Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.154500	---	20.34	55.75	35.42	1000.0	9.000	L1	ON	19.1
0.154500	35.52	---	65.75	30.23	1000.0	9.000	L1	ON	19.1
0.159000	36.81	---	65.52	28.71	1000.0	9.000	L1	ON	19.1
0.161250	---	19.68	55.40	35.72	1000.0	9.000	L1	ON	19.1
0.415500	---	19.71	47.54	27.83	1000.0	9.000	L1	ON	19.2
0.537000	25.04	---	56.00	30.96	1000.0	9.000	L1	ON	19.2
2.037750	30.50	---	56.00	25.50	1000.0	9.000	L1	ON	19.1
2.150250	---	22.98	46.00	23.02	1000.0	9.000	L1	ON	19.1
2.580000	32.15	---	56.00	23.85	1000.0	9.000	L1	ON	19.0
2.613750	---	24.08	46.00	21.92	1000.0	9.000	L1	ON	19.0
7.982250	21.07	---	60.00	38.93	1000.0	9.000	L1	ON	19.2
7.986750	---	16.69	50.00	33.31	1000.0	9.000	L1	ON	19.2



N Line

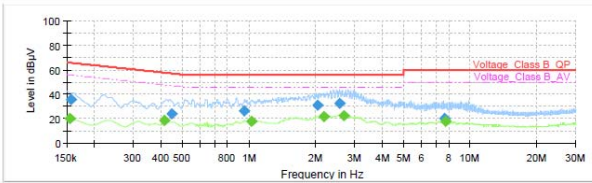


Final Result

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

802.11n(HT20), Channel No.: 11

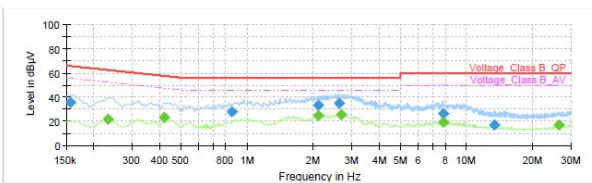
L Line



Final Result

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

N Line

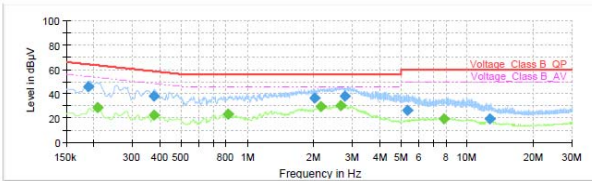


Final Result

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

802.11n(HT40), Channel No.: 3

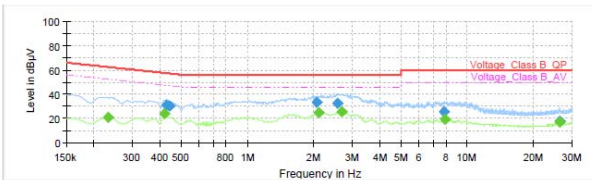
L Line



Final Result

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

N Line



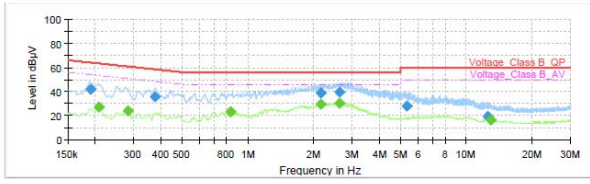
Final Result

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



802.11n(HT40), Channel No.: 6

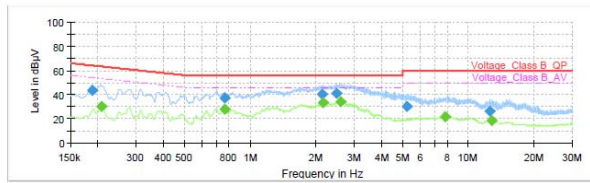
L Line



Final Result

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

N Line

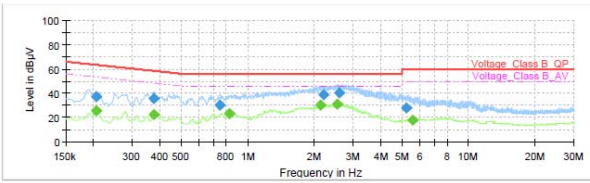


Final Result

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

802.11n(HT40), Channel No.: 9

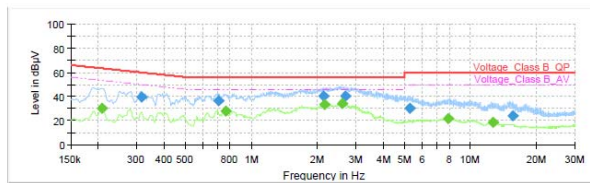
L Line



Final Result

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

N Line



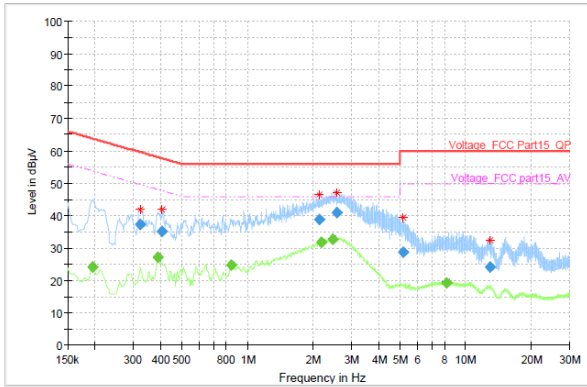
Final Result

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



BLE, Channel No.: 0

L Line

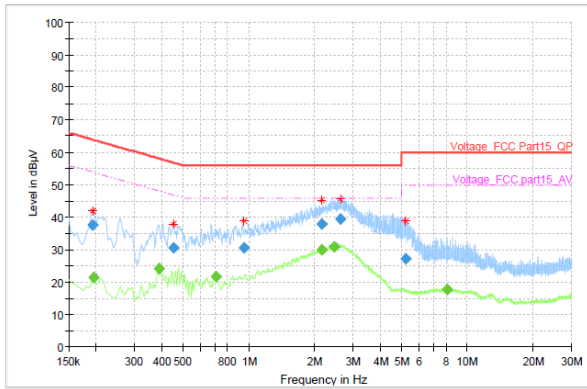


Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.195000	---	24.24	53.82	29.58	1000.0	9.000	L1	ON	19.2
0.323250	37.32	---	59.62	22.31	1000.0	9.000	L1	ON	19.2
0.386250	---	27.10	48.14	21.05	1000.0	9.000	L1	ON	19.2
0.406500	35.25	---	57.72	22.47	1000.0	9.000	L1	ON	19.2
0.840750	---	24.82	46.00	21.18	1000.0	9.000	L1	ON	19.2
2.134500	38.83	---	56.00	17.17	1000.0	9.000	L1	ON	19.1
2.188250	---	31.72	46.00	14.28	1000.0	9.000	L1	ON	19.1
2.467500	---	32.81	46.00	13.19	1000.0	9.000	L1	ON	19.0
2.564250	41.04	---	56.00	14.96	1000.0	9.000	L1	ON	19.0

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
5.142750	28.78	---	60.00	31.22	1000.0	9.000	L1	ON	19.1
8.153250	---	19.34	50.00	30.66	1000.0	9.000	L1	ON	19.2
12.975000	24.26	---	60.00	35.74	1000.0	9.000	L1	ON	19.5

N Line



Final Result

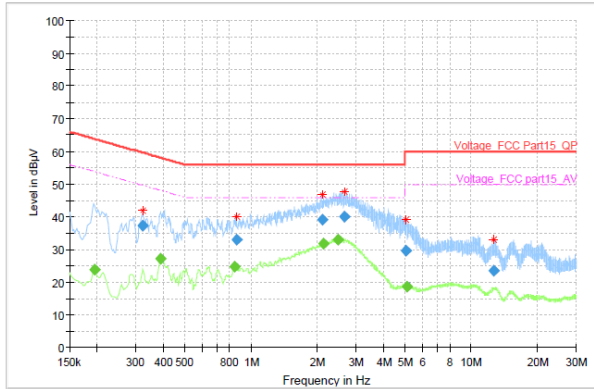
Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.192750	37.76	---	63.92	26.15	1000.0	9.000	N	ON	19.2
0.195000	---	21.55	53.82	32.27	1000.0	9.000	N	ON	19.2
0.386250	---	24.21	48.14	23.93	1000.0	9.000	N	ON	19.2
0.453750	30.54	---	56.81	26.27	1000.0	9.000	N	ON	19.2
0.705750	---	21.82	46.00	24.18	1000.0	9.000	N	ON	19.3
0.951000	30.54	---	56.00	25.46	1000.0	9.000	N	ON	19.2
2.154750	---	29.94	46.00	16.06	1000.0	9.000	N	ON	19.1
2.166000	37.82	---	56.00	18.18	1000.0	9.000	N	ON	19.1
2.460750	---	31.02	46.00	14.98	1000.0	9.000	N	ON	19.0

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
2.611500	39.33	---	56.00	16.67	1000.0	9.000	N	ON	19.0
5.241750	27.13	---	60.00	32.87	1000.0	9.000	N	ON	19.1
8.126250	---	17.65	50.00	32.35	1000.0	9.000	N	ON	19.2



BLE, Channel No.: 19

L Line



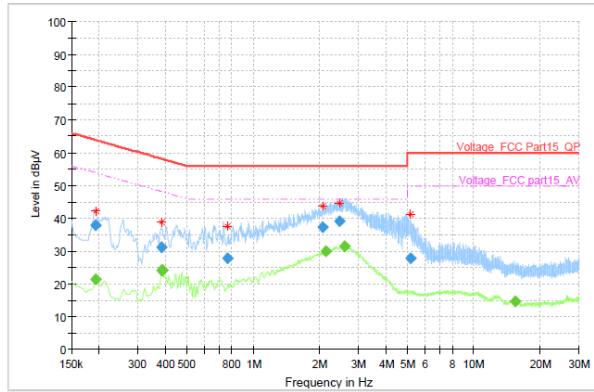
Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.195000	---	23.84	53.82	29.98	1000.0	9.000	L1	ON	19.2
0.321000	37.17	---	59.68	22.52	1000.0	9.000	L1	ON	19.2
0.386250	---	27.11	48.14	21.04	1000.0	9.000	L1	ON	19.2
0.838500	---	24.73	46.00	21.27	1000.0	9.000	L1	ON	19.2
0.865500	32.88	---	56.00	23.12	1000.0	9.000	L1	ON	19.2
2.105250	39.30	---	56.00	16.70	1000.0	9.000	L1	ON	19.1
2.139000	---	31.84	46.00	14.16	1000.0	9.000	L1	ON	19.1
2.481000	---	33.12	46.00	12.88	1000.0	9.000	L1	ON	19.0
2.652000	40.16	---	56.00	15.84	1000.0	9.000	L1	ON	19.0

COMPLIANT WITH FCC PART 15 SUBPART J SUBSECTION 15.107

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
5.066250	29.68	---	60.00	30.32	1000.0	9.000	L1	ON	19.1
5.109000	---	18.80	50.00	31.20	1000.0	9.000	L1	ON	19.1
12.709500	23.44	---	60.00	36.56	1000.0	9.000	L1	ON	19.5

N Line



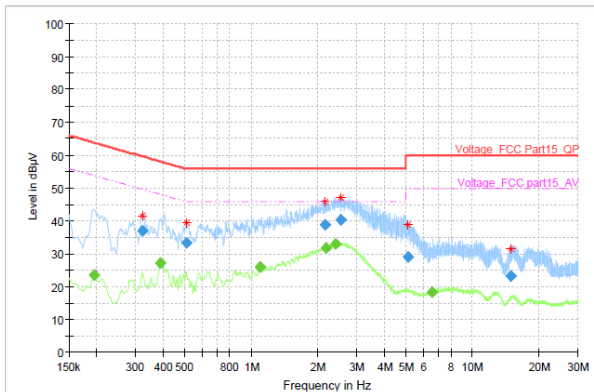
Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.192750	---	21.55	53.92	32.36	1000.0	9.000	N	ON	19.2
0.192750	37.80	---	63.92	26.12	1000.0	9.000	N	ON	19.2
0.381750	31.10	---	58.24	27.14	1000.0	9.000	N	ON	19.2
0.384000	---	24.27	48.19	23.92	1000.0	9.000	N	ON	19.2
0.386250	---	24.17	48.14	23.98	1000.0	9.000	N	ON	19.2
0.766500	27.98	---	56.00	28.02	1000.0	9.000	N	ON	19.2
2.969250	37.32	---	56.00	18.68	1000.0	9.000	N	ON	19.1
2.139000	---	29.82	46.00	16.18	1000.0	9.000	N	ON	19.1
2.458500	39.17	---	56.00	16.83	1000.0	9.000	N	ON	19.0

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
2.604750	---	31.42	46.00	14.58	1000.0	9.000	N	ON	19.0
5.169750	27.82	---	60.00	32.18	1000.0	9.000	N	ON	19.1
15.389250	---	14.68	50.00	35.32	1000.0	9.000	N	ON	19.4

BLE, Channel No.: 39

L Line



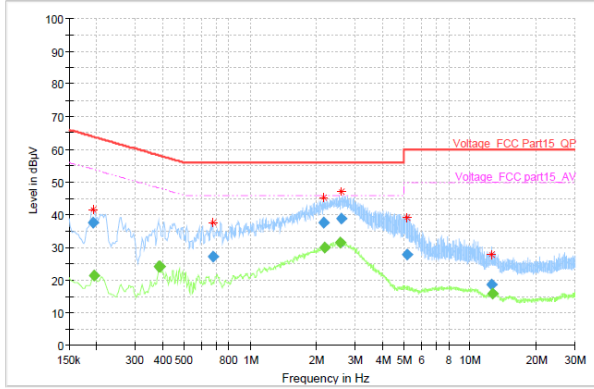
Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.195000	---	23.68	53.82	30.14	1000.0	9.000	L1	ON	19.2
0.321000	37.07	---	59.68	22.61	1000.0	9.000	L1	ON	19.2
0.386250	---	27.14	48.14	21.00	1000.0	9.000	L1	ON	19.2
0.510000	33.23	---	56.00	22.77	1000.0	9.000	L1	ON	19.2
1.099500	---	26.02	46.00	19.99	1000.0	9.000	L1	ON	19.2
2.145750	38.97	---	56.00	17.03	1000.0	9.000	L1	ON	19.1
2.175000	---	31.83	46.00	14.17	1000.0	9.000	L1	ON	19.1
2.411250	---	33.01	46.00	12.99	1000.0	9.000	L1	ON	19.0
2.546250	40.47	---	56.00	15.53	1000.0	9.000	L1	ON	19.0

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
5.097750	29.16	---	60.00	30.84	1000.0	9.000	L1	ON	19.1
6.594000	---	18.33	50.00	31.67	1000.0	9.000	L1	ON	19.1
14.914500	23.11	---	60.00	36.89	1000.0	9.000	L1	ON	19.5



N Line



Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.192750	37.72	---	63.92	26.20	1000.0	9.000	N	ON	19.2
0.195000	---	21.54	53.82	32.28	1000.0	9.000	N	ON	19.2
0.384000	---	24.09	48.19	24.10	1000.0	9.000	N	ON	19.2
0.386250	---	24.02	48.14	24.13	1000.0	9.000	N	ON	19.2
0.578750	27.16	---	56.00	28.84	1000.0	9.000	N	ON	19.3
2.161500	37.48	---	56.00	18.52	1000.0	9.000	N	ON	19.1
2.170500	---	30.09	46.00	15.91	1000.0	9.000	N	ON	19.1
2.555250	---	31.38	46.00	14.62	1000.0	9.000	N	ON	19.0
2.600250	38.88	---	56.00	17.12	1000.0	9.000	N	ON	19.0

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
5.169750	27.93	---	60.00	32.07	1000.0	9.000	N	ON	19.1
12.579000	18.70	---	60.00	41.30	1000.0	9.000	N	ON	19.4
12.702750	---	16.04	50.00	33.96	1000.0	9.000	N	ON	19.5



6. Main Test Instruments

Name	Manufacturer	Type	Serial Number	Calibration Date	Expiration Time
Spectrum Analyzer	R&S	FSV30	100815	2016-12-16	2017-12-15
EMI Test Receiver	R&S	ESCI	100948	2017-05-20	2018-05-19
TRIALOG Broadband Antenna	Schwarzbeck	VULB 9163	9163-201	2014-12-06	2017-12-05
Double Ridged Waveguide Horn Antenna	R&S	HF907	100126	2014-12-06	2017-12-05
Loop Antenna	SCHWARZBECK	FMZB1519	1519-047	2017-02-18	2020-02-17
Standard Gain Horn	ETS-Lindgren	3160-09	00102644	2015-01-30	2018-01-29
EMI Test Receiver	R&S	ESCS30	100138	2016-12-16	2017-12-15
LISN	R&S	ENV216	101171	2016-12-16	2019-12-15
Spectrum Analyzer	Agilent	N9010A	MY47191109	2017-05-20	2018-05-19
RF Cable	Agilent	SMA 15cm	0001	2017-02-06	2017-08-05

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

ANNEX A: EUT Appearance and Test Setup

A.1 EUT Appearance



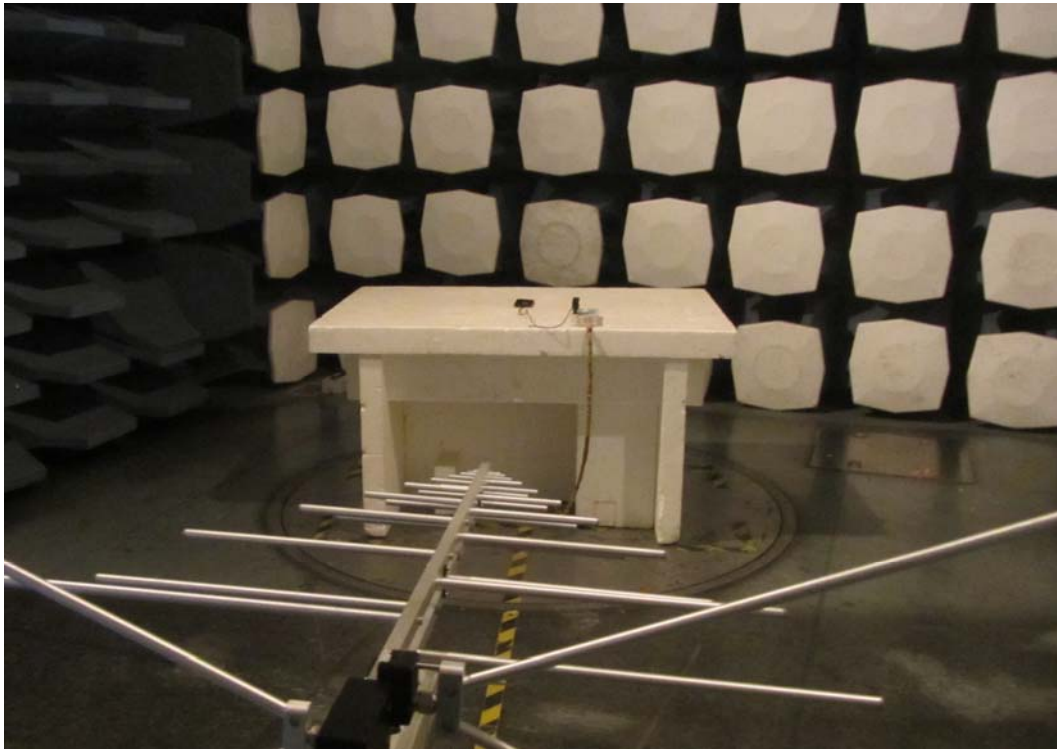
Front Side



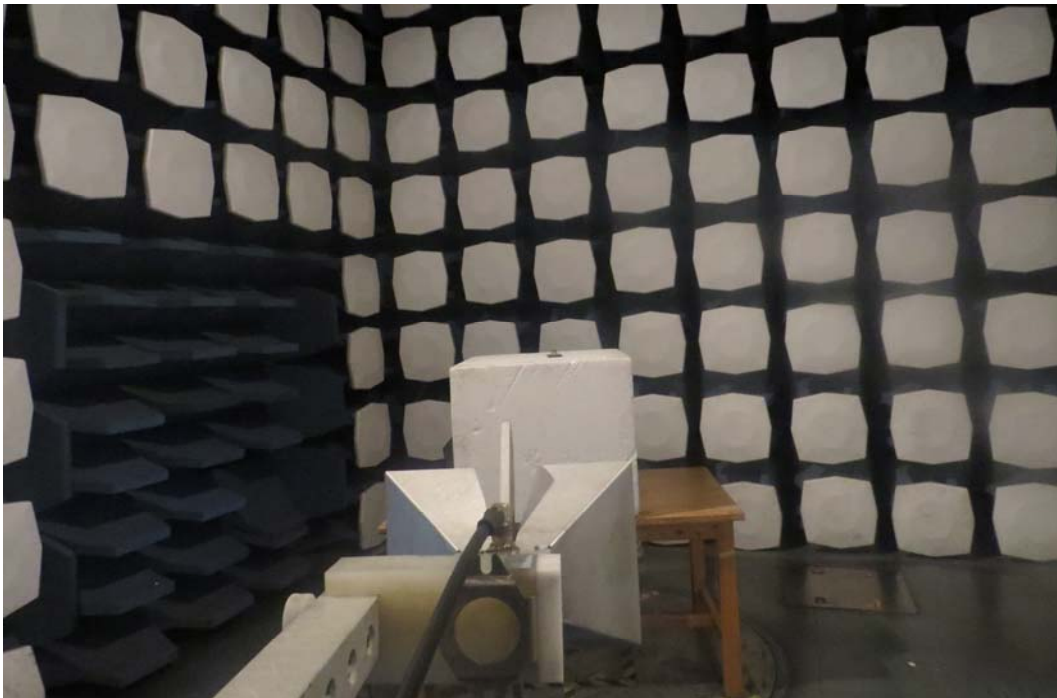
Back Side

Picture 1 EUT

A.2 Test Setup

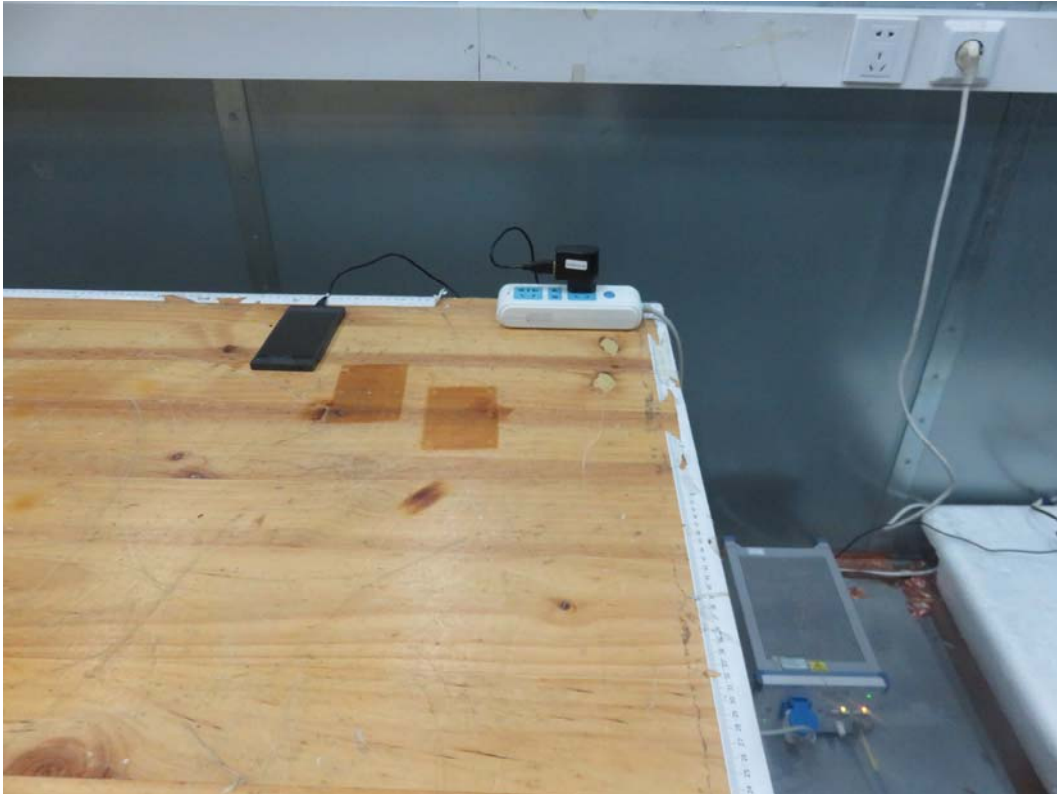


30M Hz-1GHz



Above 1GHz

Picture 2 Radiated Emission Test Setup



Picture 3 Conducted Emission Test Setup