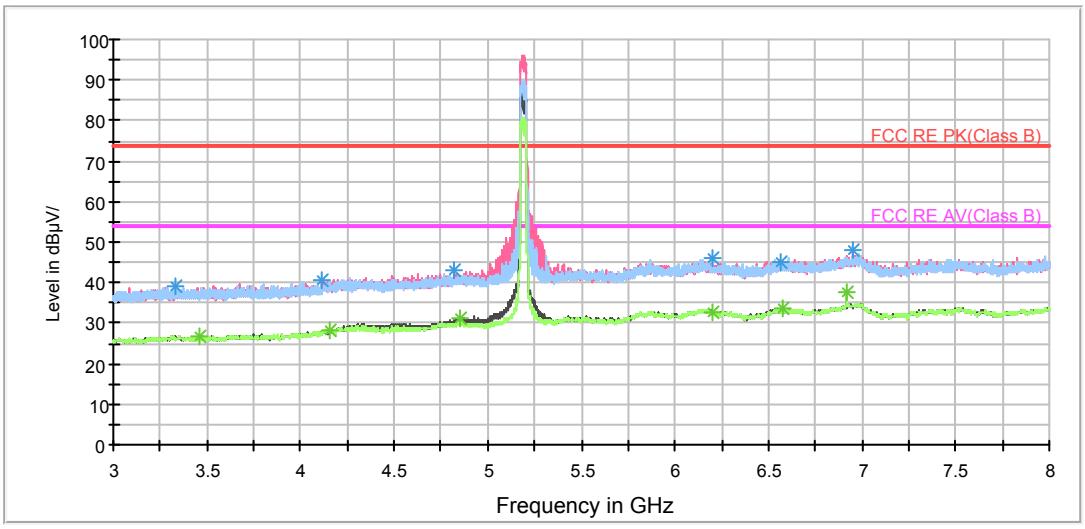
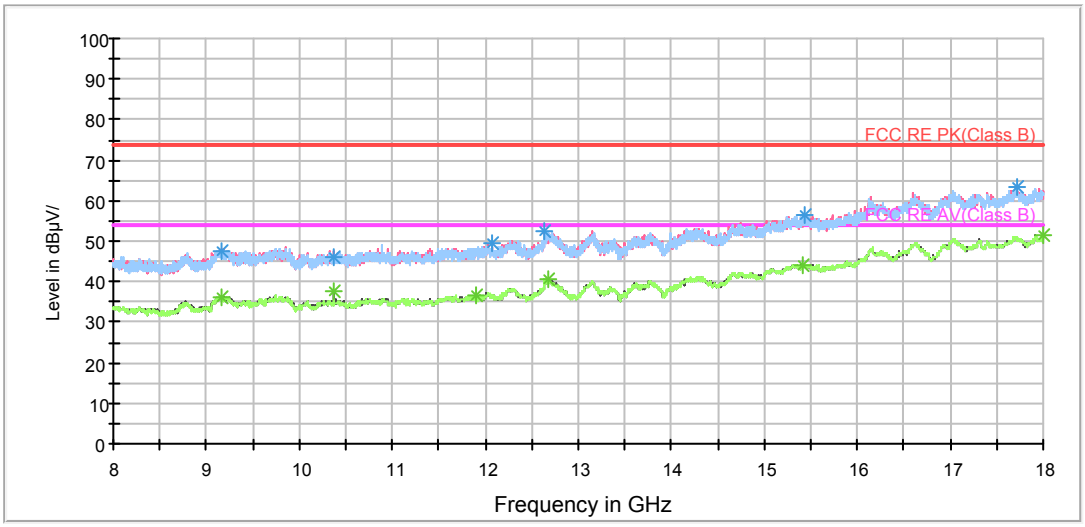
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

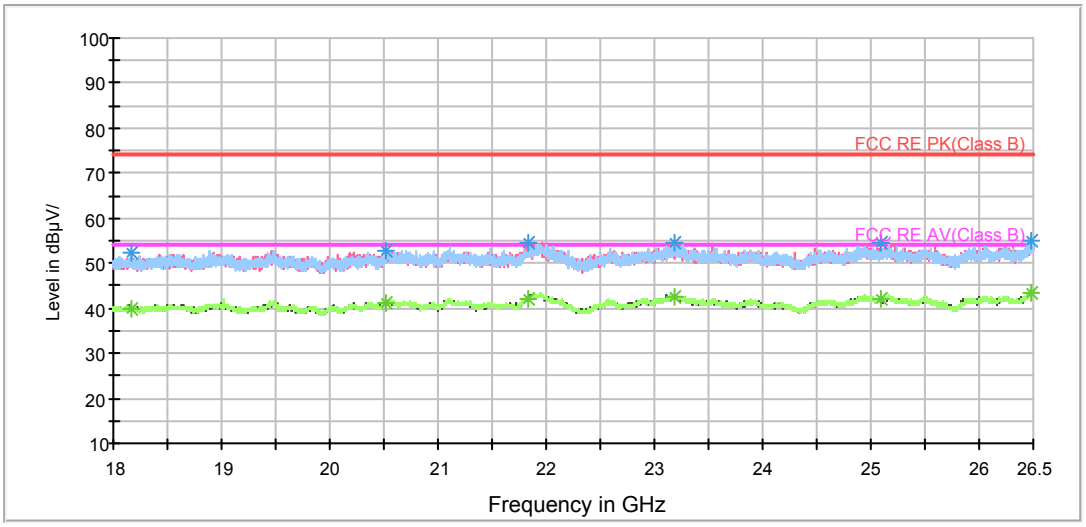
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



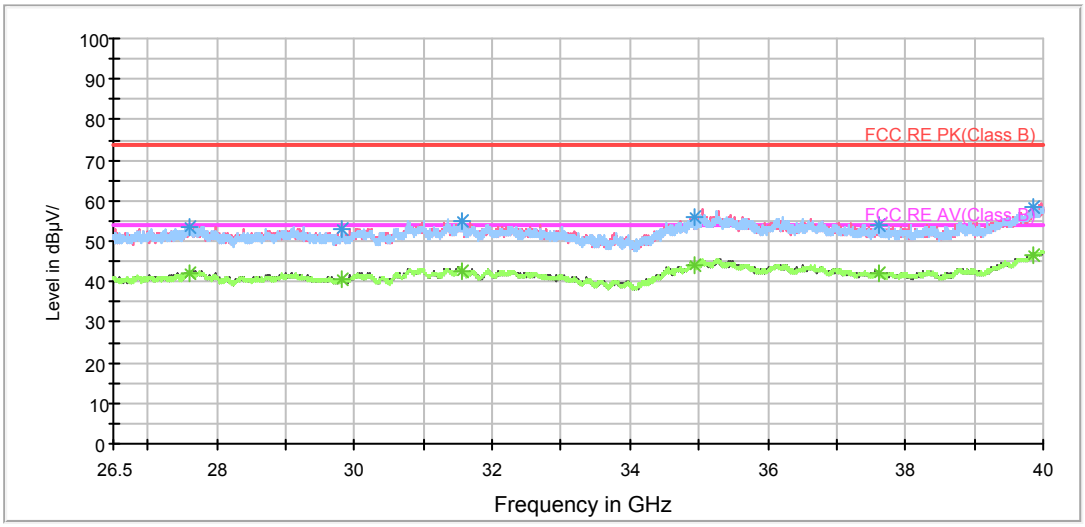
Radiates Emission from 8GHz to 18GHz

BELL_RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

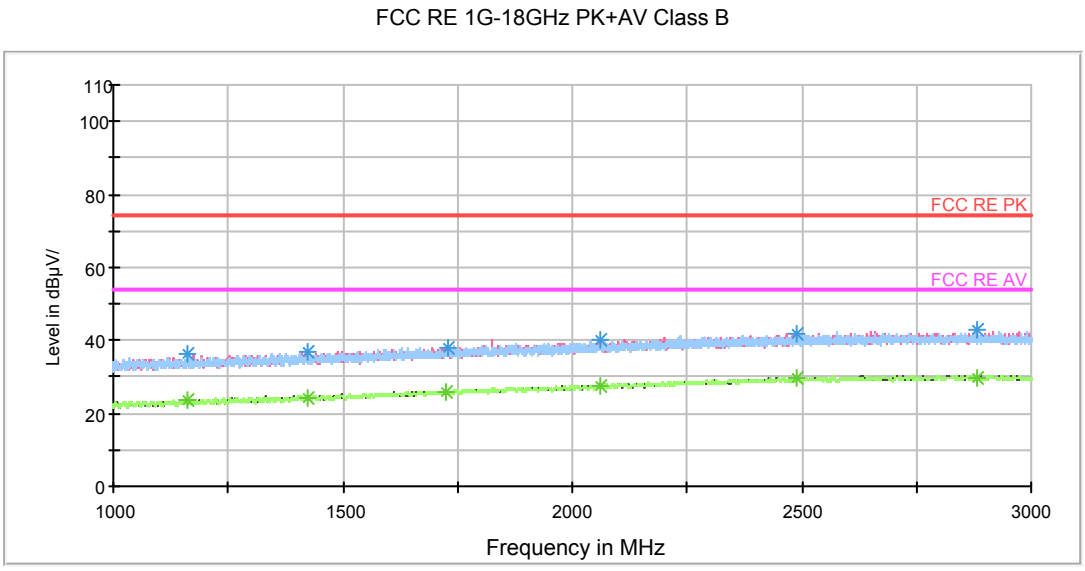
802.11n (HT40) CH46

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1161.000000	36.3	100.0	H	31.0	44.7	-8.4	37.7	74
1421.500000	36.7	100.0	V	0.0	43.6	-6.9	37.3	74
1728.250000	37.9	100.0	V	0.0	43.0	-5.1	36.1	74
2060.500000	40.1	100.0	V	120.0	43.1	-3.0	33.9	74
2488.250000	41.9	100.0	V	0.0	42.8	-0.9	32.1	74
2883.000000	43.0	100.0	H	0.0	43.4	-0.4	31.0	74

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

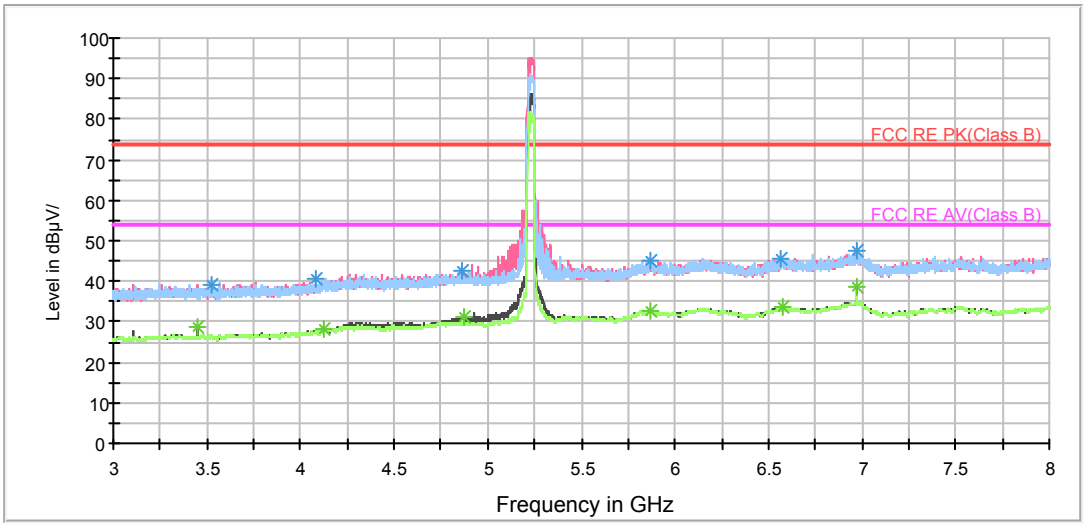
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1161.000000	23.5	100.0	H	31.0	31.9	-8.4	30.5	54
1421.500000	24.2	100.0	V	0.0	31.1	-6.9	29.8	54
1726.750000	25.9	100.0	V	0.0	31.0	-5.1	28.1	54
2060.500000	27.6	100.0	V	120.0	30.6	-3.0	26.4	54
2488.250000	29.4	100.0	V	0.0	30.3	-0.9	24.6	54
2883.000000	29.6	100.0	H	0.0	30.0	-0.4	24.4	54

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



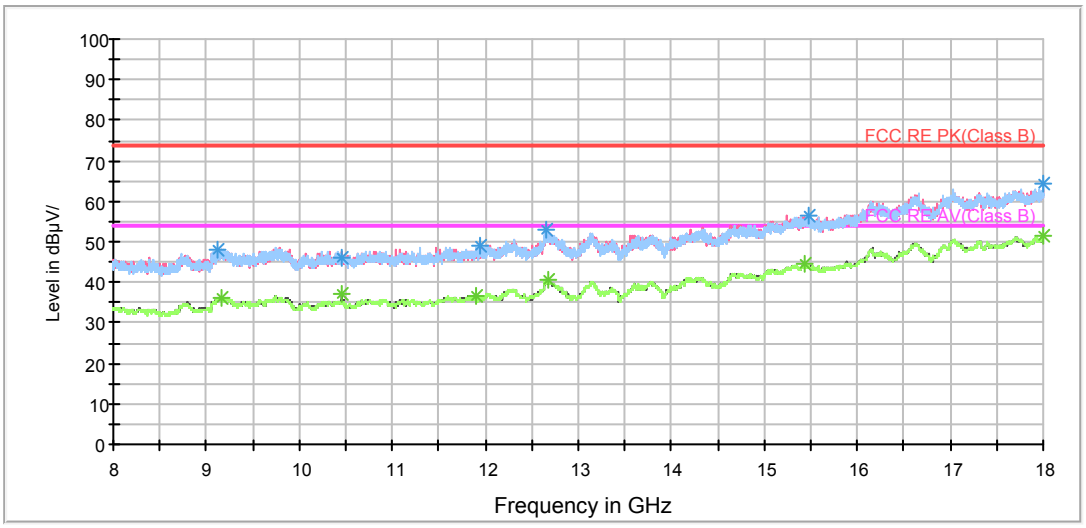
Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



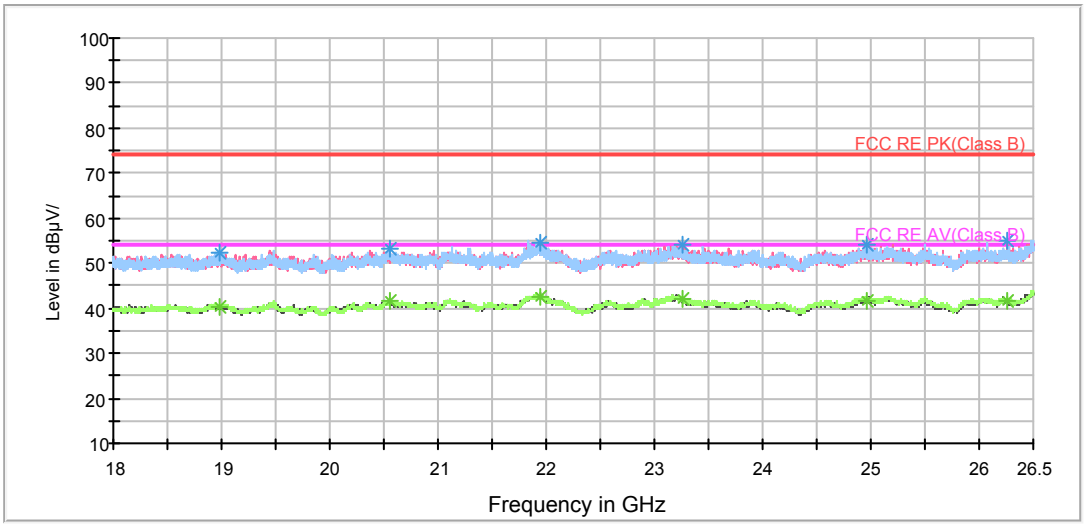
Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



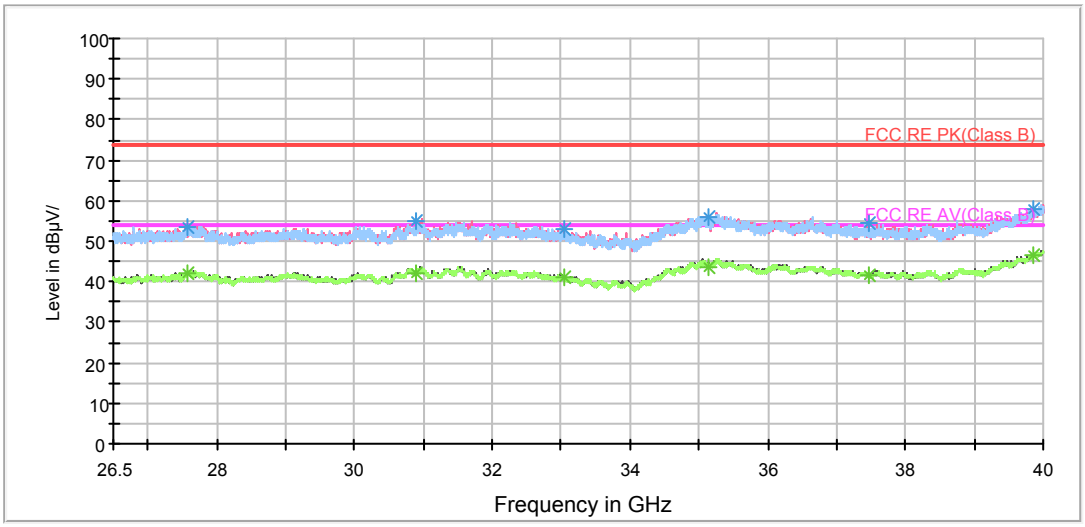
Radiates Emission from 8GHz to 18GHz

BELL_RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

802.11n (HT40) CH54

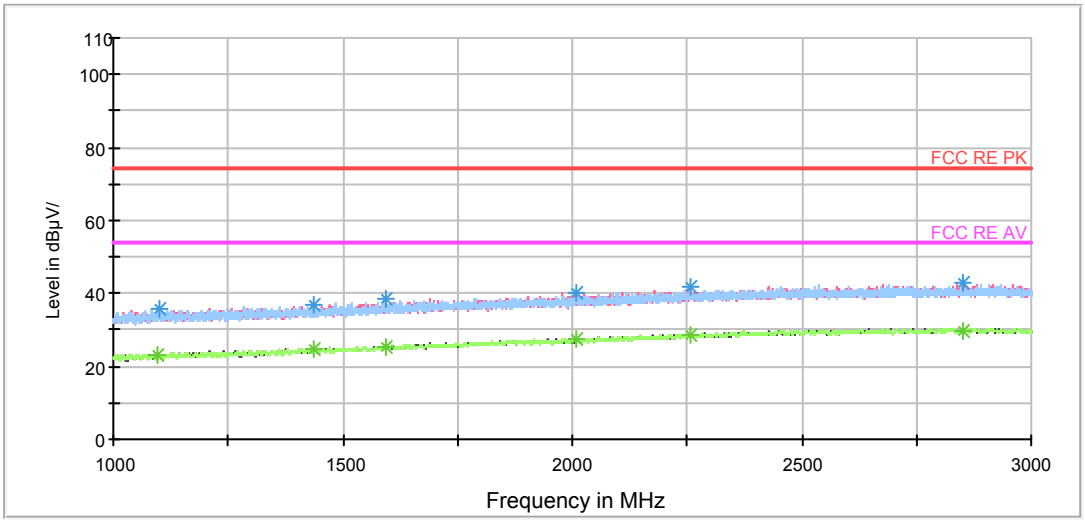
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1098.750000	35.5	100.0	H	111.0	44.3	-8.8	38.5	74
1436.000000	36.7	100.0	H	327.0	43.5	-6.8	37.3	74
1595.750000	38.4	100.0	V	356.0	44.3	-5.9	35.6	74
2009.250000	40.3	100.0	V	212.0	43.7	-3.4	33.7	74
2259.500000	41.7	100.0	V	0.0	43.6	-1.9	32.3	74
2852.500000	42.8	100.0	V	141.0	43.3	-0.5	31.2	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)
1098.000000	23.0	100.0	V	152.0	31.8	-8.8	31.0	54
1436.000000	24.6	100.0	H	327.0	31.4	-6.8	29.4	54
1595.750000	25.0	100.0	V	356.0	30.9	-5.9	29.0	54
2009.250000	27.3	100.0	V	212.0	30.7	-3.4	26.7	54
2259.500000	28.6	100.0	V	0.0	30.5	-1.9	25.4	54
2852.500000	29.7	100.0	V	141.0	30.2	-0.5	24.3	54

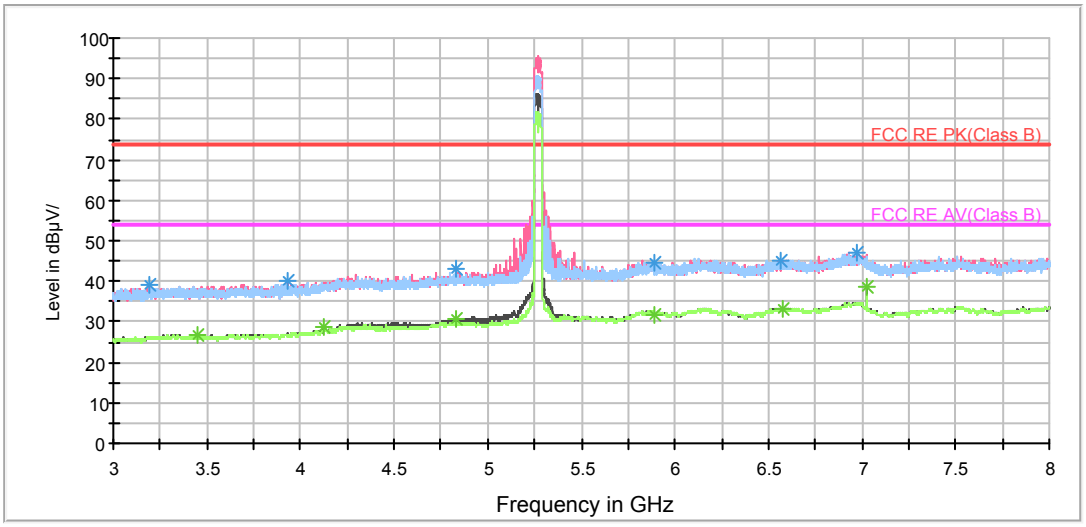
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

FCC RE 1G-18GHz PK+AV Class B



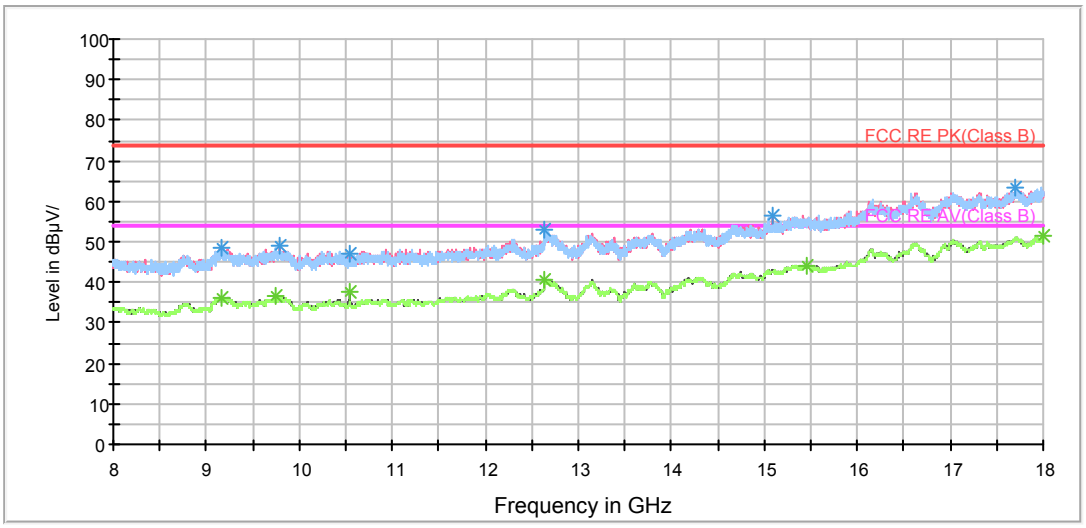
Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



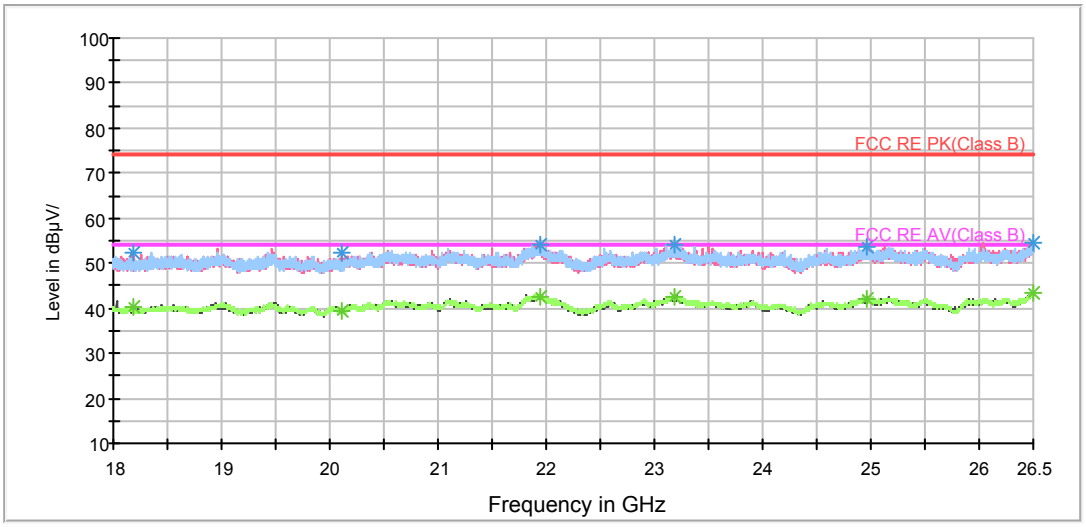
Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



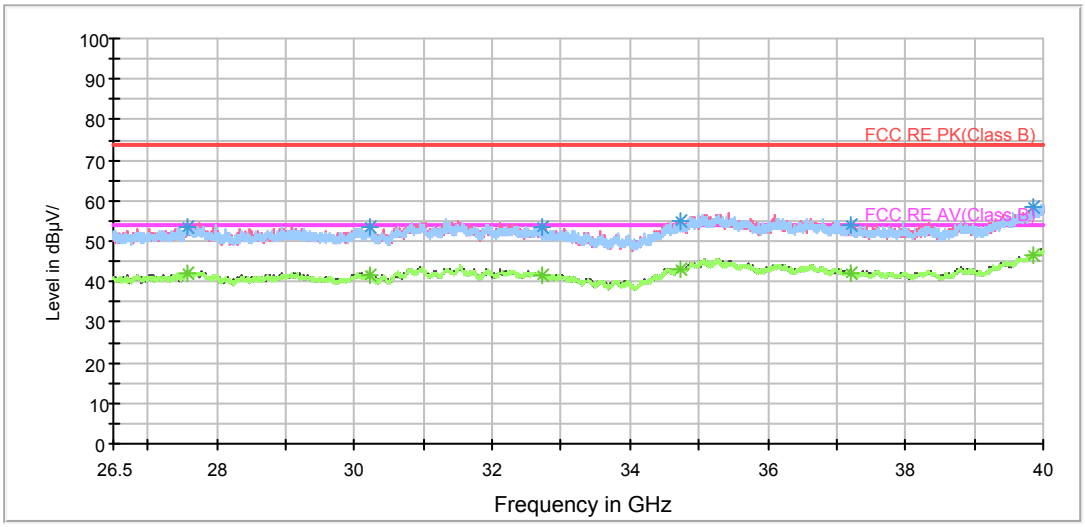
Radiates Emission from 8GHz to 18GHz

BELL_RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

802.11n (HT40) CH62

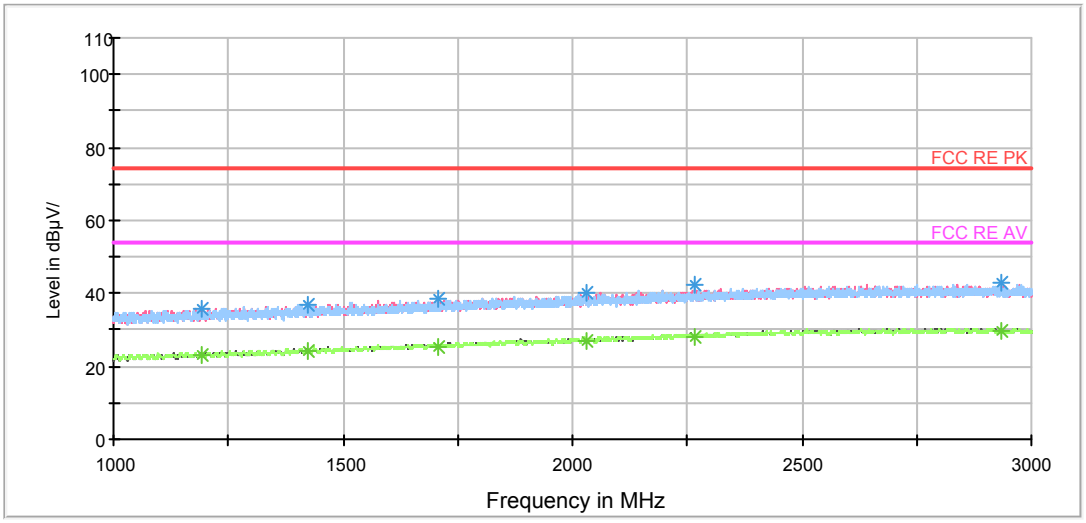
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1192.750000	35.6	100.0	V	0.0	43.9	-8.3	38.4	74
1424.500000	36.8	100.0	V	358.0	43.7	-6.9	37.2	74
1708.250000	38.3	100.0	H	89.0	43.6	-5.3	35.7	74
2031.500000	40.4	100.0	V	0.0	43.8	-3.4	33.6	74
2268.000000	42.1	100.0	H	0.0	44.0	-1.9	31.9	74
2934.000000	42.8	100.0	H	198.0	43.3	-0.5	31.2	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)
1192.750000	23.3	100.0	V	0.0	31.6	-8.3	30.7	54
1424.500000	24.3	100.0	V	358.0	31.2	-6.9	29.7	54
1708.250000	25.4	100.0	H	89.0	30.7	-5.3	28.6	54
2031.500000	26.9	100.0	V	0.0	30.3	-3.4	27.1	54
2268.000000	28.2	100.0	H	0.0	30.1	-1.9	25.8	54
2934.000000	29.5	100.0	H	198.0	30.0	-0.5	24.5	54

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

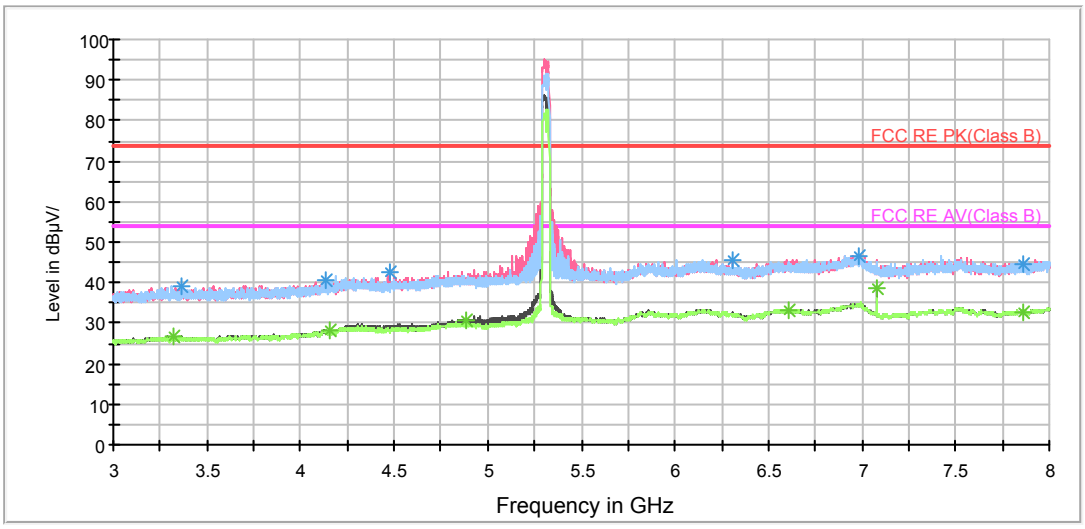
FCC RE 1G-18GHz PK+AV Class B



Radi

ates Emission from 1GHz to 3GHz

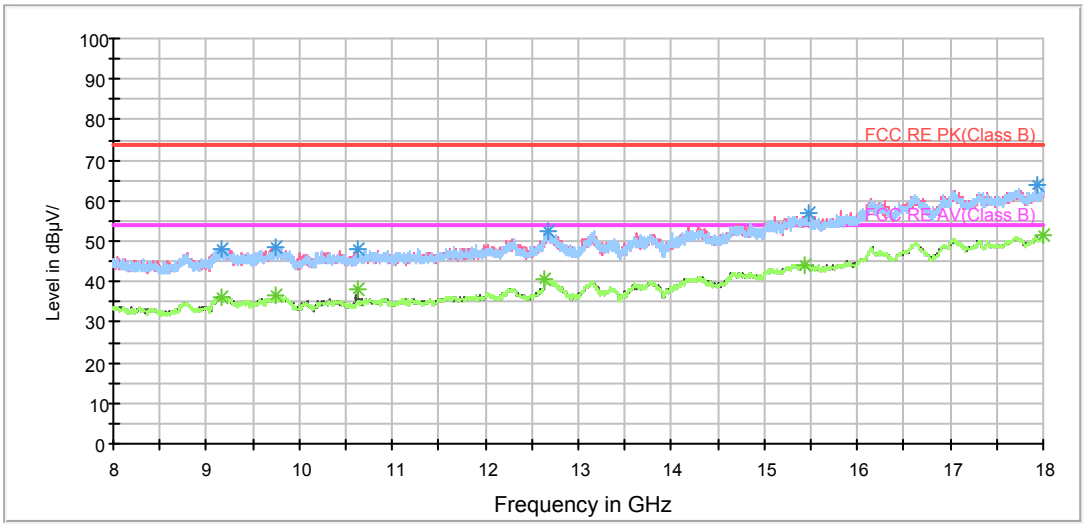
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

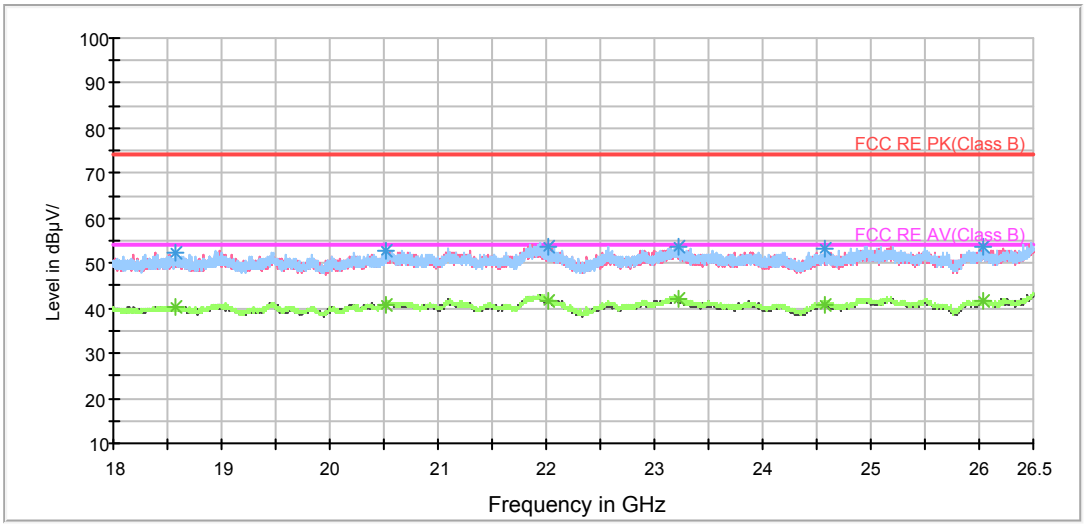
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



Radiates Emission from 8GHz to 18GHz

BELL_RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV

Radiates Emission from 26.5GHz to 40GHz

802.11n (HT40) CH102

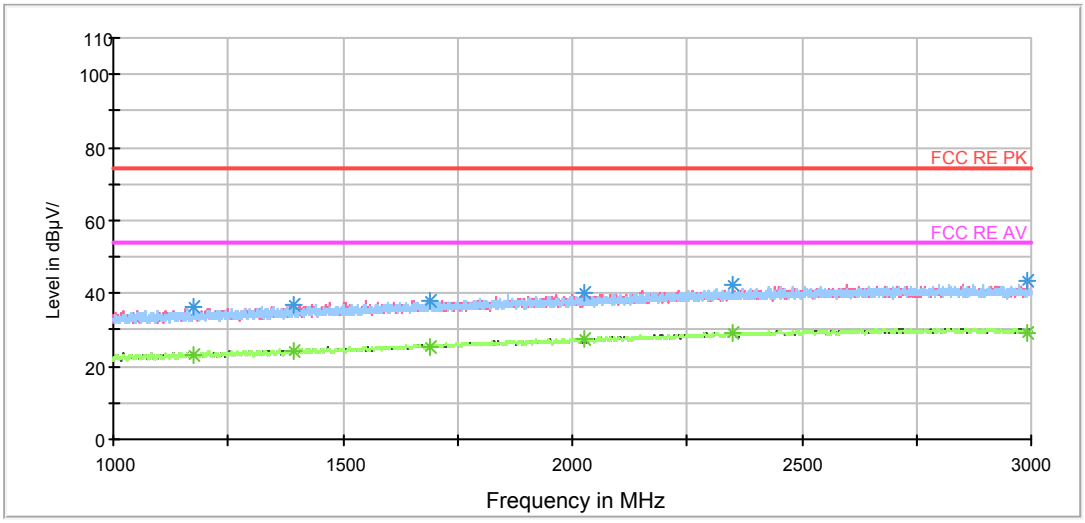
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1174.500000	36.1	100.0	H	157.0	44.5	-8.4	37.9	74
1394.750000	37.0	100.0	H	86.0	44.0	-7.0	37.0	74
1689.750000	38.2	100.0	V	178.0	43.6	-5.4	35.8	74
2028.250000	39.9	100.0	V	0.0	43.3	-3.4	34.1	74
2348.500000	42.3	100.0	H	178.0	43.8	-1.5	31.7	74
2989.750000	43.6	100.0	V	268.0	44.1	-0.5	30.4	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)
1174.500000	22.9	100.0	H	157.0	31.3	-8.4	31.1	54
1394.750000	24.1	100.0	H	86.0	31.1	-7.0	29.9	54
1689.750000	25.5	100.0	V	178.0	30.9	-5.4	28.5	54
2028.250000	27.3	100.0	V	0.0	30.7	-3.4	26.7	54
2348.500000	29.0	100.0	H	178.0	30.5	-1.5	25.0	54
2989.750000	29.4	100.0	V	268.0	29.9	-0.5	24.6	54

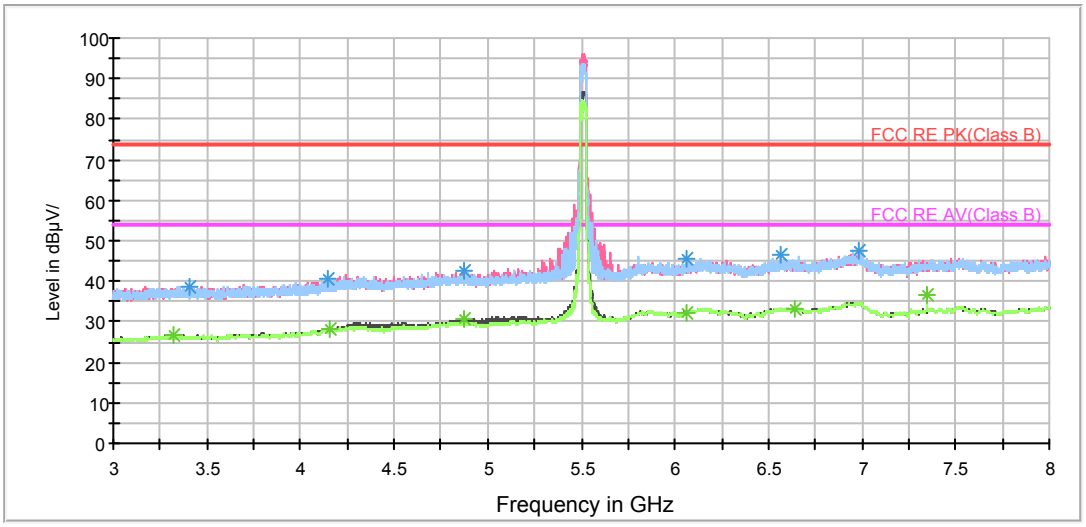
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

FCC RE 1G-18GHz PK+AV Class B



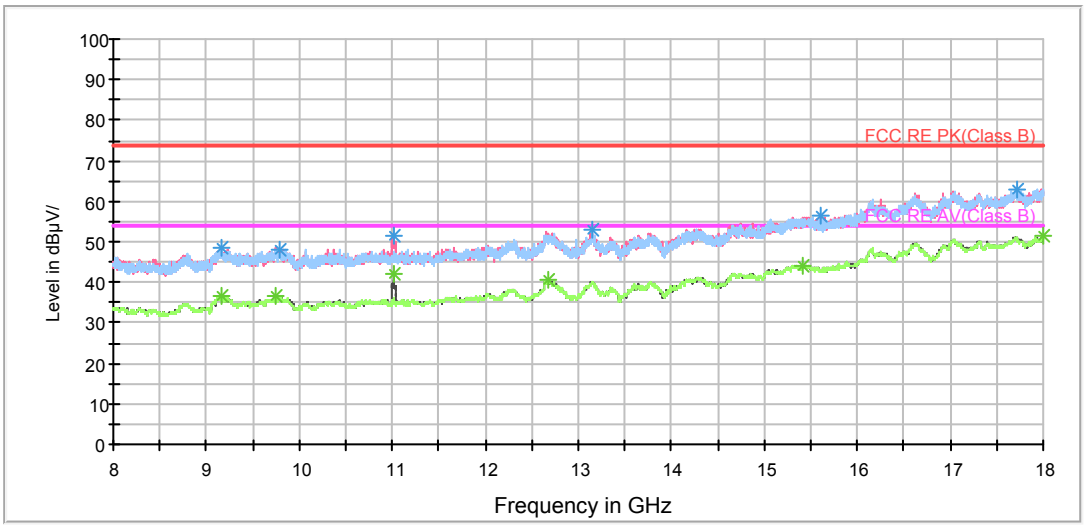
Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



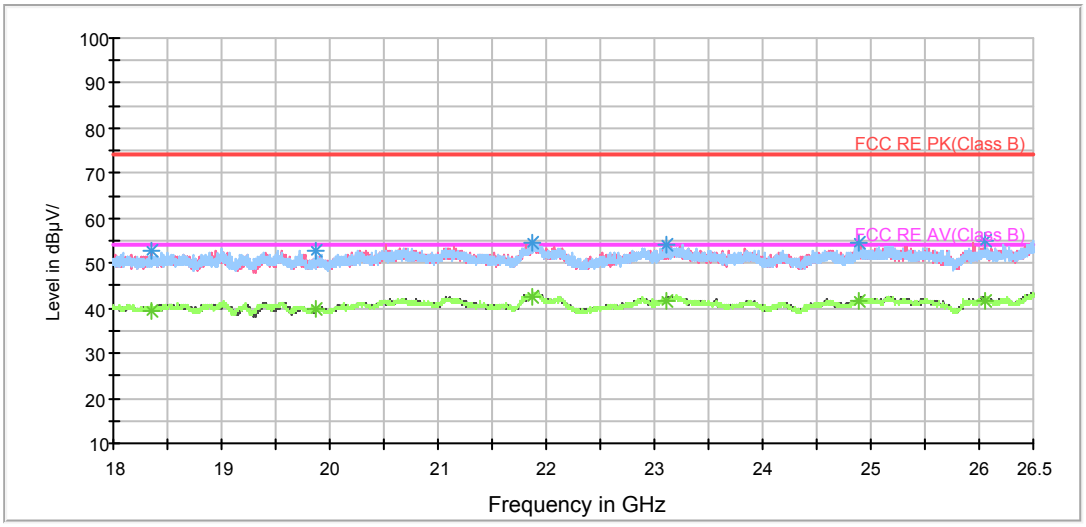
Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



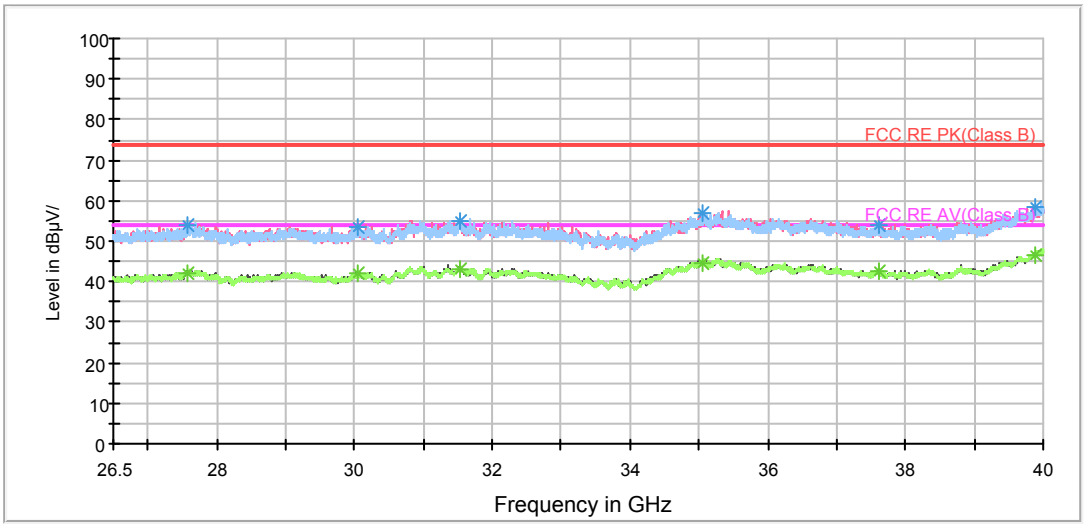
Radiates Emission from 8GHz to 18GHz

BELL_RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

802.11n (HT40) CH118

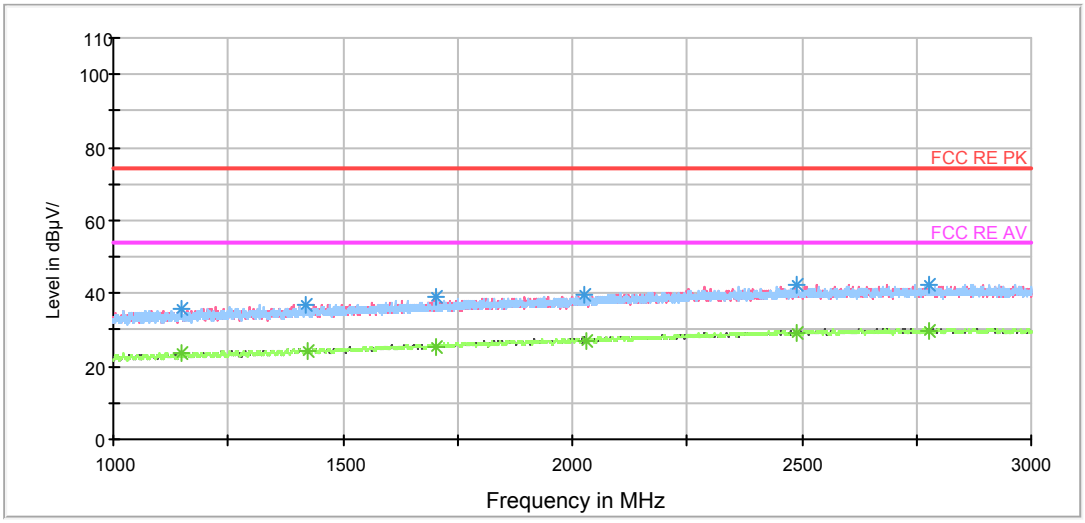
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1147.000000	35.8	100.0	V	214.0	44.3	-8.5	38.2	74
1420.250000	36.7	100.0	H	15.0	43.6	-6.9	37.3	74
1702.750000	38.8	100.0	V	304.0	44.1	-5.3	35.2	74
2027.500000	39.8	100.0	V	193.0	43.2	-3.4	34.2	74
2490.000000	42.6	100.0	V	348.0	43.5	-0.9	31.4	74
2778.000000	42.5	100.0	H	74.0	43.0	-0.5	31.5	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)
1147.000000	23.5	100.0	V	214.0	32.0	-8.5	30.5	54
1425.000000	24.1	100.0	H	281.0	31.0	-6.9	29.9	54
1702.750000	25.3	100.0	V	304.0	30.6	-5.3	28.7	54
2031.250000	26.9	100.0	H	0.0	30.3	-3.4	27.1	54
2490.000000	29.1	100.0	V	348.0	30.0	-0.9	24.9	54
2778.000000	29.7	100.0	H	74.0	30.2	-0.5	24.3	54

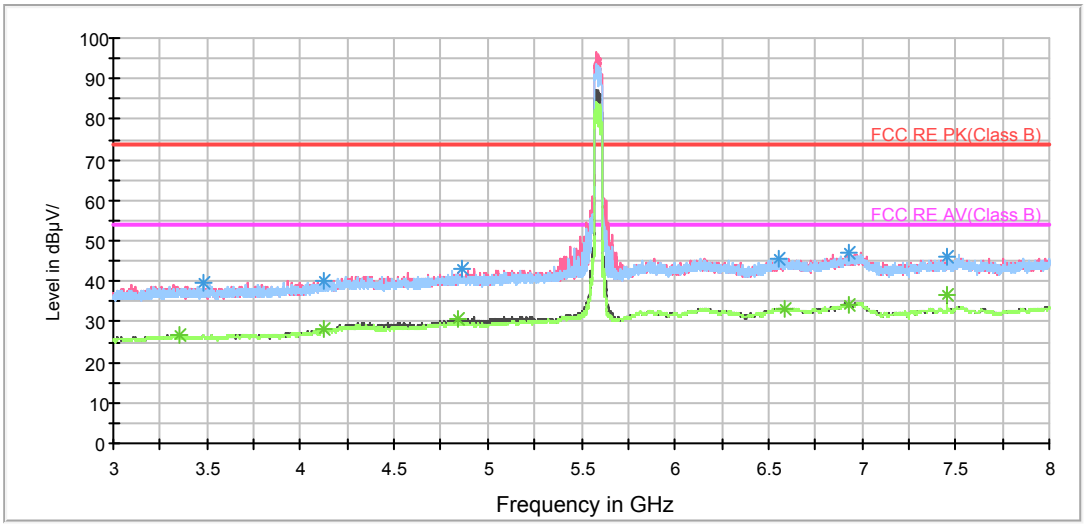
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

FCC RE 1G-18GHz PK+AV Class B



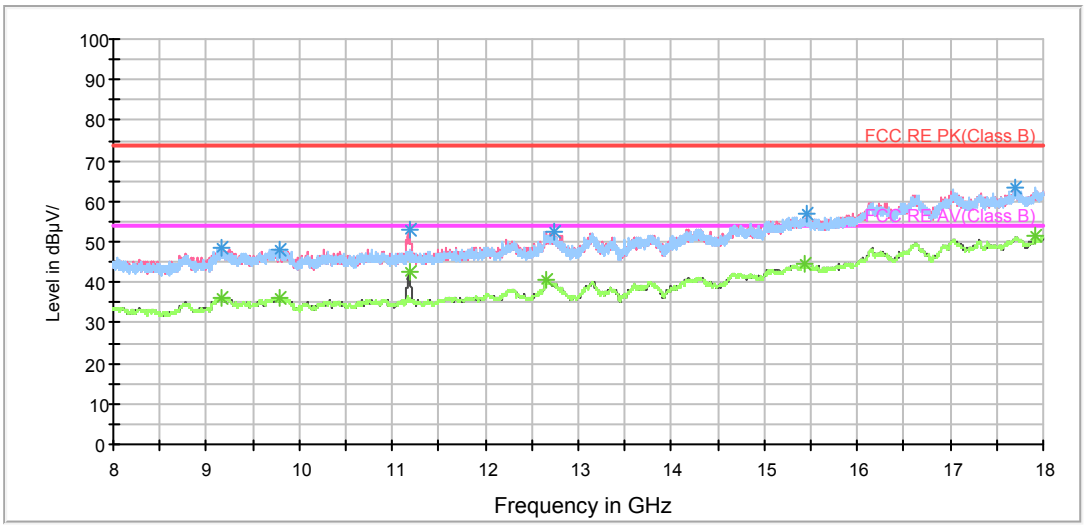
Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



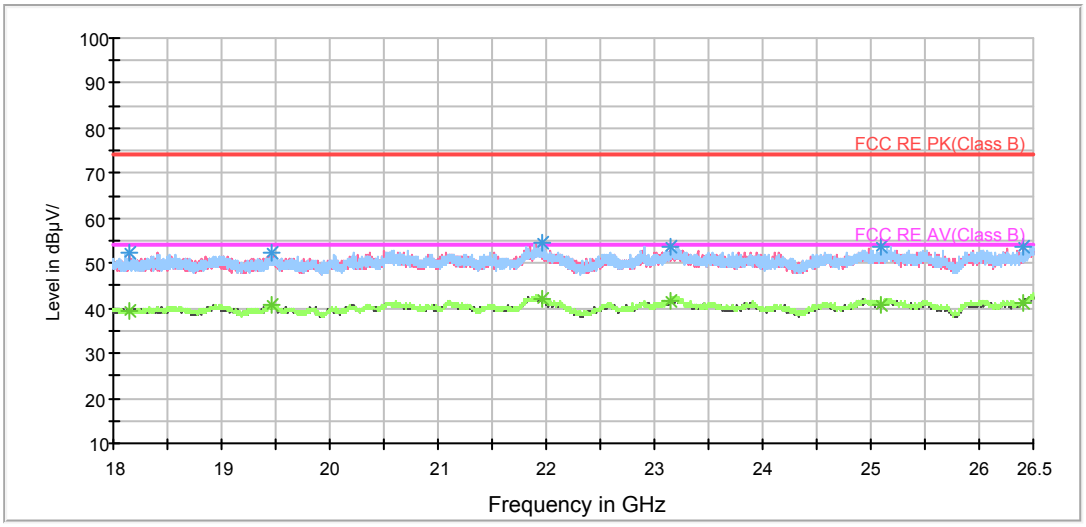
Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



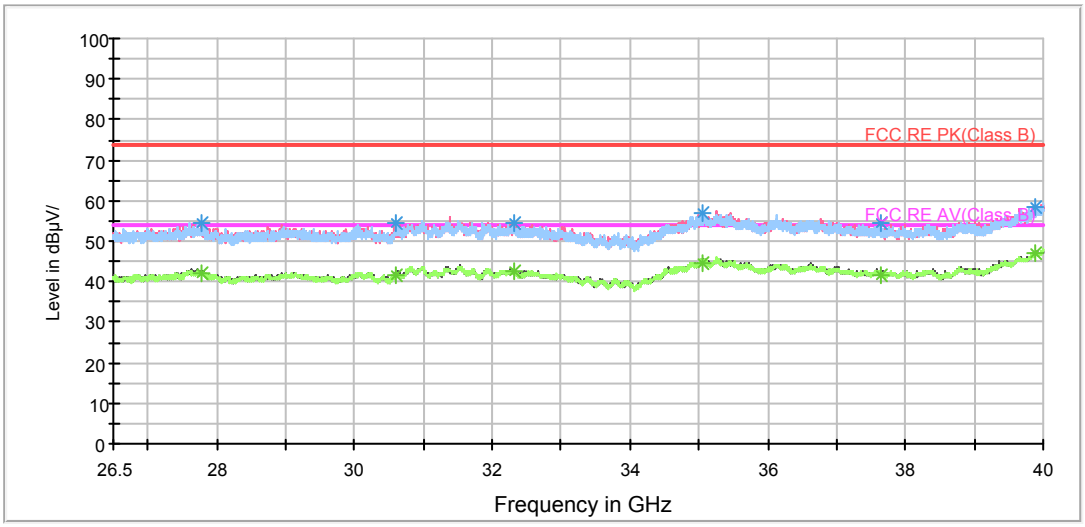
Radiates Emission from 8GHz to 18GHz

BELL_RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

802.11n (HT40) CH134

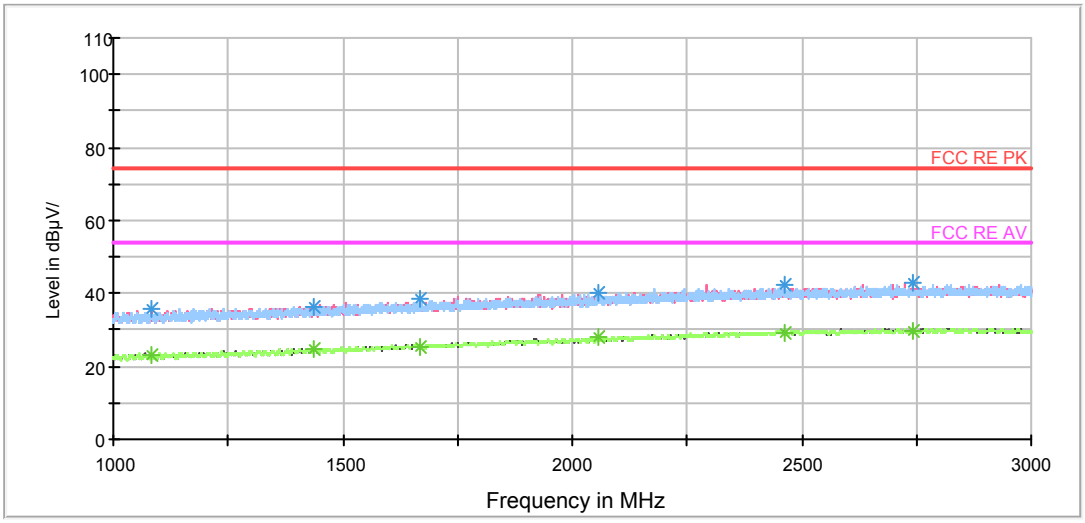
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1081.750000	35.7	100.0	V	78.0	44.5	-8.8	38.3	74
1438.250000	36.4	100.0	H	29.0	43.1	-6.7	37.6	74
1668.750000	38.4	100.0	V	315.0	43.8	-5.4	35.6	74
2058.500000	39.9	100.0	V	334.0	43.0	-3.1	34.1	74
2462.000000	42.4	100.0	H	20.0	43.5	-1.1	31.6	74
2740.500000	42.9	100.0	V	305.0	43.5	-0.6	31.1	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)
1081.750000	22.8	100.0	V	78.0	31.6	-8.8	31.2	54
1438.250000	24.6	100.0	H	29.0	31.3	-6.7	29.4	54
1668.750000	25.5	100.0	V	315.0	30.9	-5.4	28.5	54
2058.500000	27.9	100.0	V	334.0	31.0	-3.1	26.1	54
2462.000000	29.1	100.0	H	20.0	30.2	-1.1	24.9	54
2740.500000	29.6	100.0	V	305.0	30.2	-0.6	24.4	54

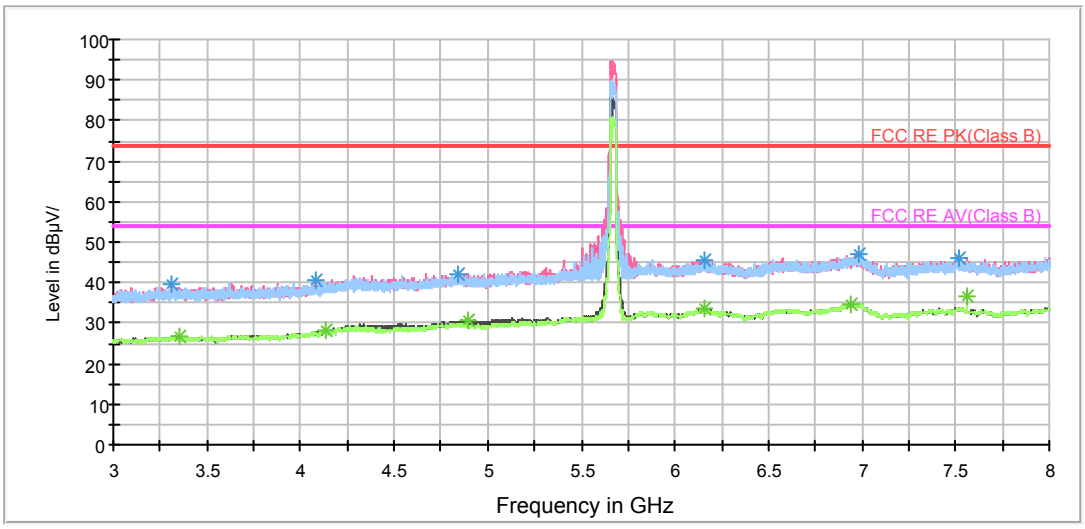
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 1GHz to 3GHz

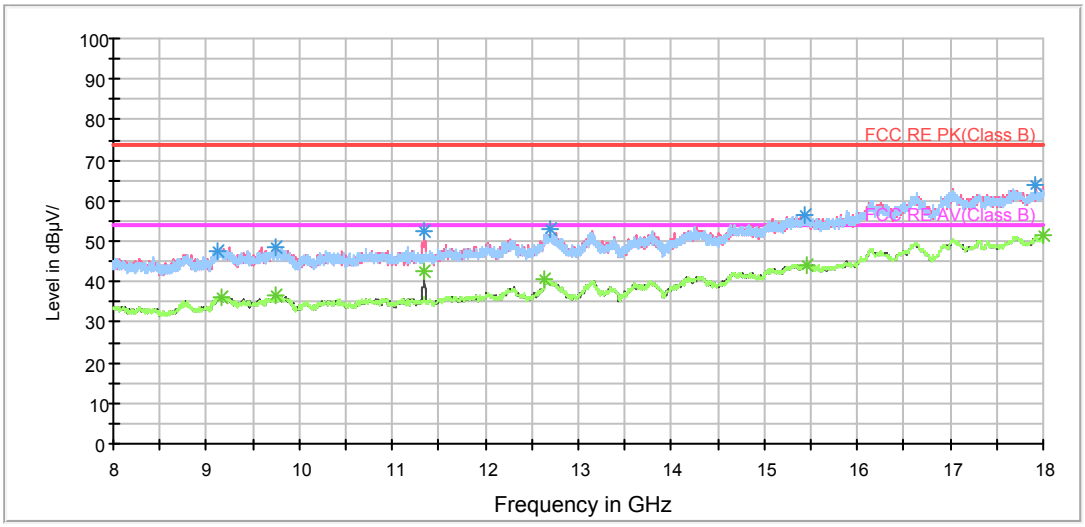
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

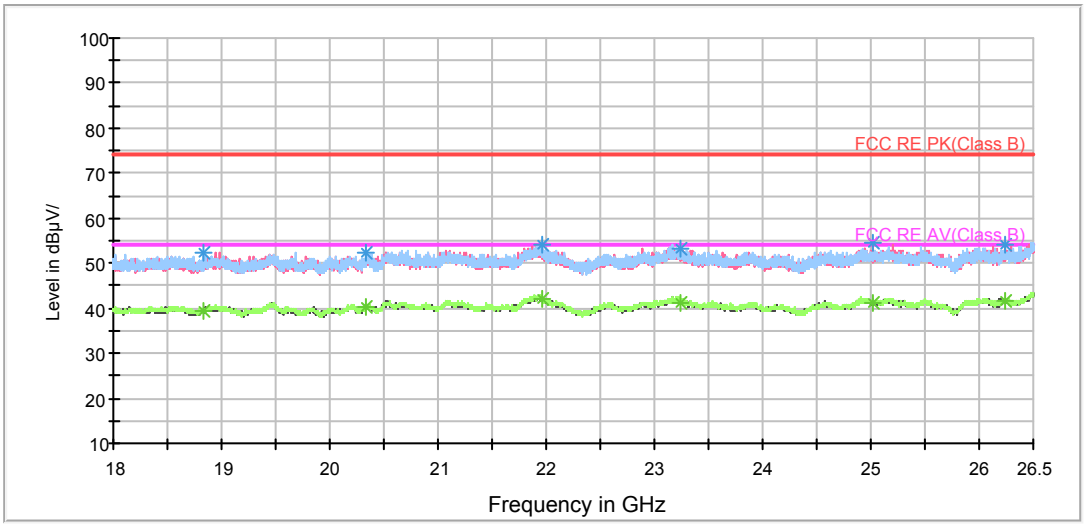
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



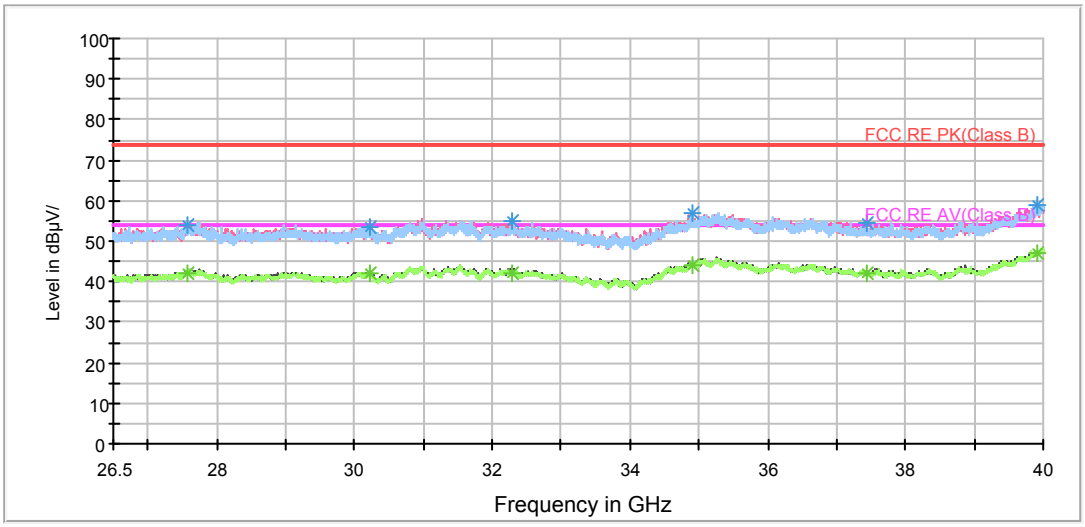
Radiates Emission from 8GHz to 18GHz

BELL_RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

802.11ac (HT20) CH36

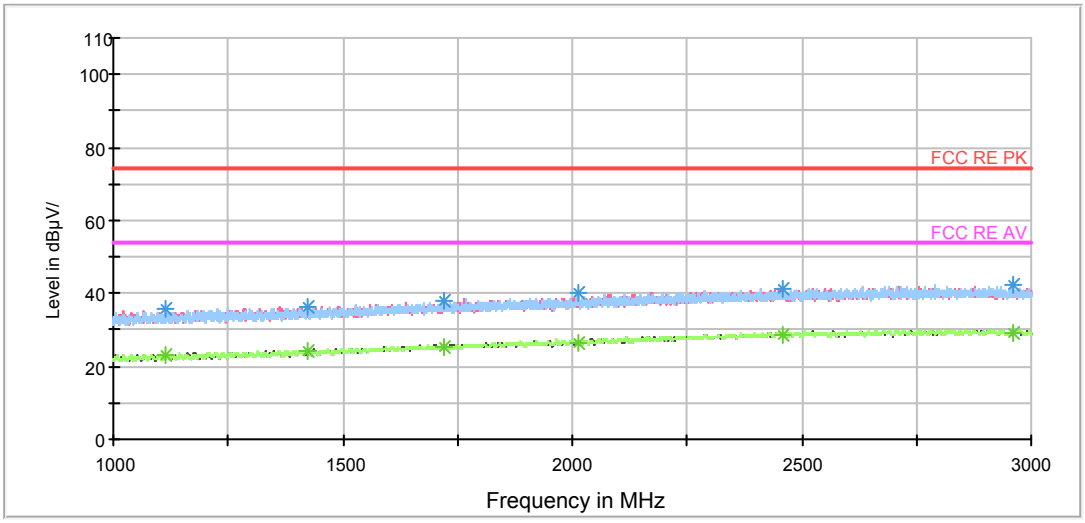
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1114.500000	35.6	100.0	H	0.0	44.2	-8.6	38.4	74
1422.250000	36.3	100.0	V	163.0	43.2	-6.9	37.7	74
1720.000000	37.7	100.0	V	234.0	42.8	-5.1	36.3	74
2011.500000	39.9	100.0	H	221.0	43.3	-3.4	34.1	74
2459.250000	41.5	100.0	V	359.0	42.6	-1.1	32.5	74
2961.500000	42.1	100.0	V	324.0	42.5	-0.4	31.9	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1114.500000	22.9	100.0	H	0.0	31.5	-8.6	31.1	54
1422.250000	24.0	100.0	V	163.0	30.9	-6.9	30.0	54
1720.000000	25.4	100.0	V	234.0	30.5	-5.1	28.6	54
2011.500000	26.7	100.0	H	221.0	30.1	-3.4	27.3	54
2459.250000	28.8	100.0	V	359.0	29.9	-1.1	25.2	54
2961.500000	29.0	100.0	V	324.0	29.4	-0.4	25.0	54

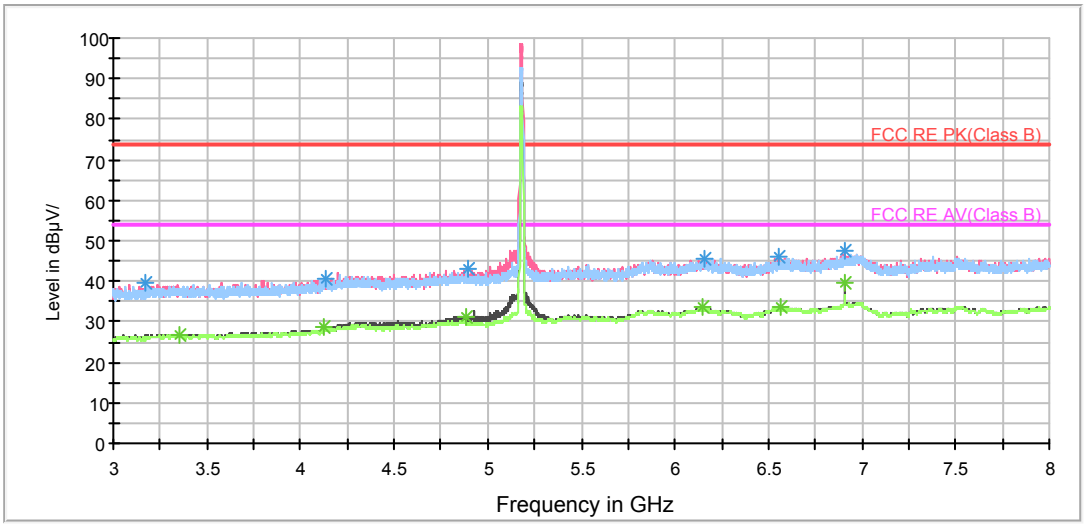
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

FCC RE 1G-18GHz PK+AV Class B



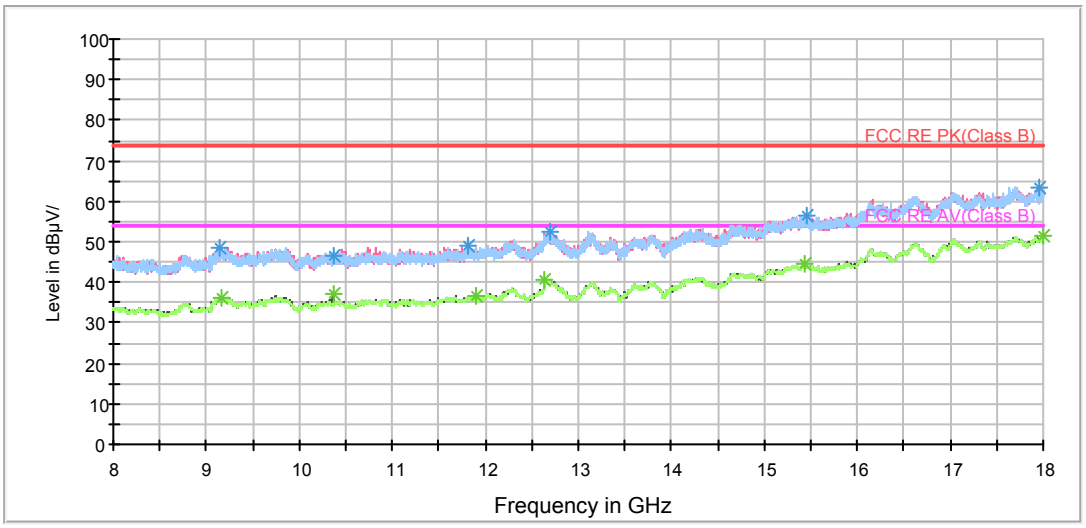
Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



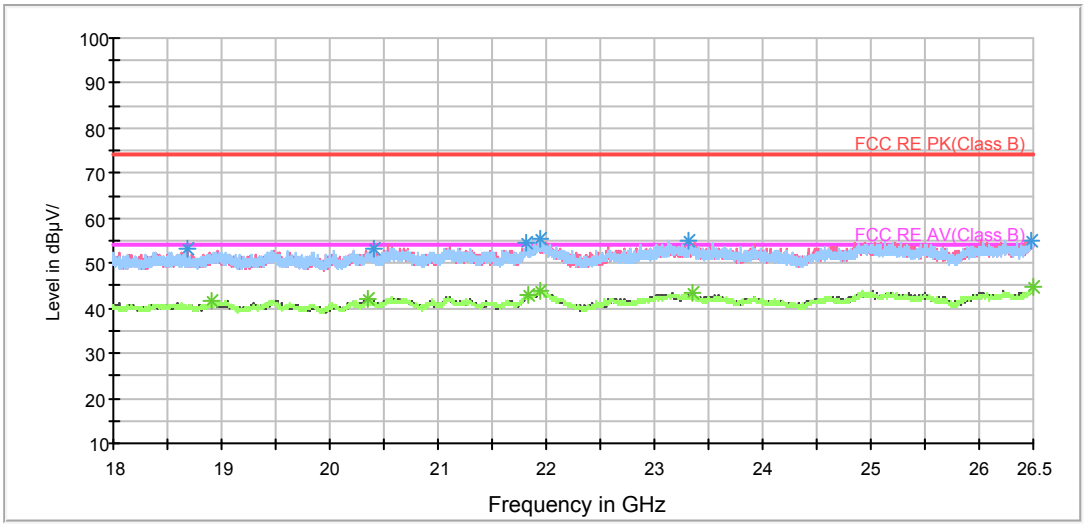
Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



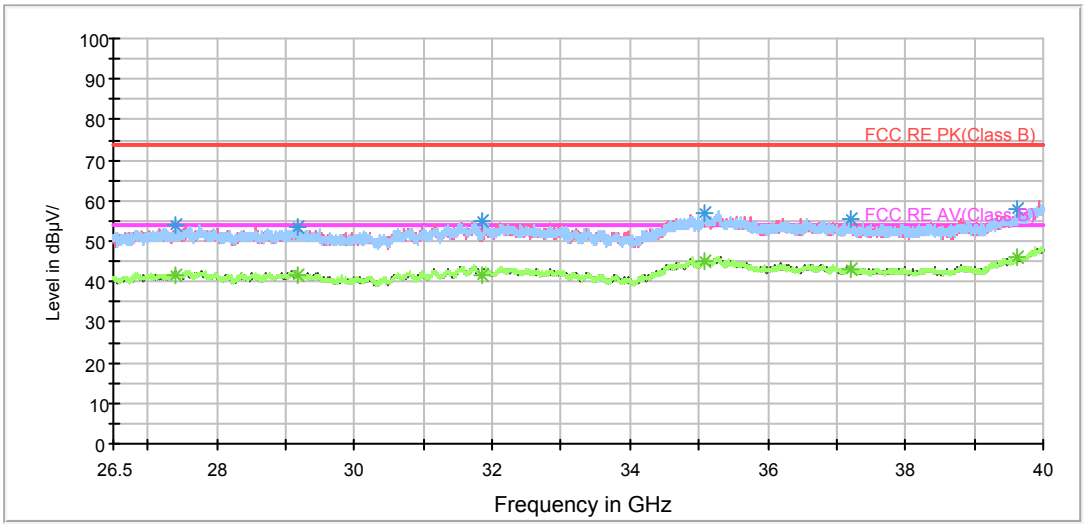
Radiates Emission from 8GHz to 18GHz

BELL_RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

802.11ac (HT20) CH40

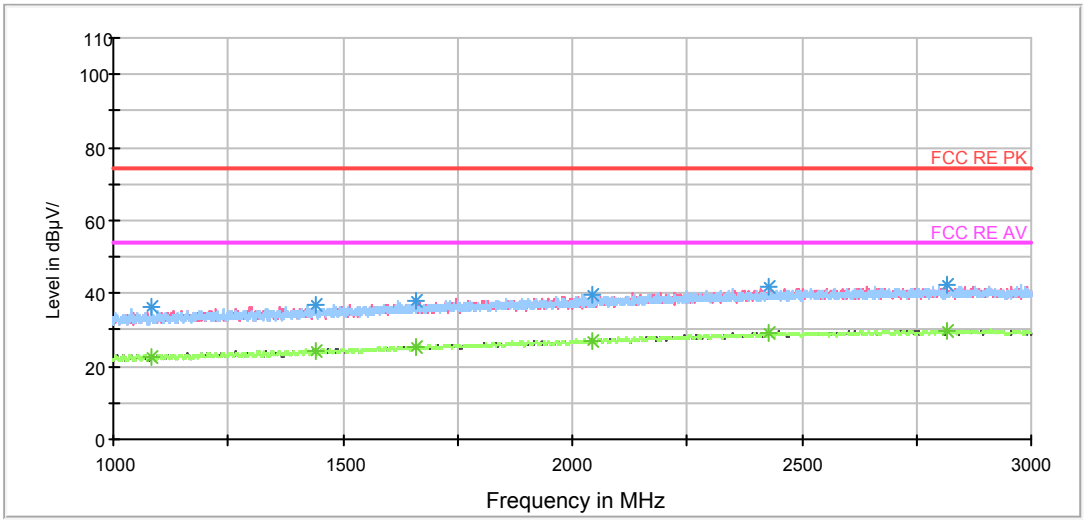
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1082.250000	36.0	100.0	H	328.0	44.8	-8.8	38.0	74
1440.750000	37.1	100.0	V	273.0	43.8	-6.7	36.9	74
1660.250000	37.8	100.0	V	232.0	43.3	-5.5	36.2	74
2044.500000	39.7	100.0	V	162.0	43.0	-3.3	34.3	74
2430.000000	41.5	100.0	H	2.0	42.7	-1.2	32.5	74
2818.500000	42.2	100.0	V	162.0	42.6	-0.4	31.8	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1082.250000	22.6	100.0	H	328.0	31.4	-8.8	31.4	54
1440.750000	24.0	100.0	V	273.0	30.7	-6.7	30.0	54
1660.250000	25.1	100.0	V	232.0	30.6	-5.5	28.9	54
2044.500000	27.0	100.0	V	162.0	30.3	-3.3	27.0	54
2430.000000	28.9	100.0	H	2.0	30.1	-1.2	25.1	54
2818.500000	29.5	100.0	V	162.0	29.9	-0.4	24.5	54

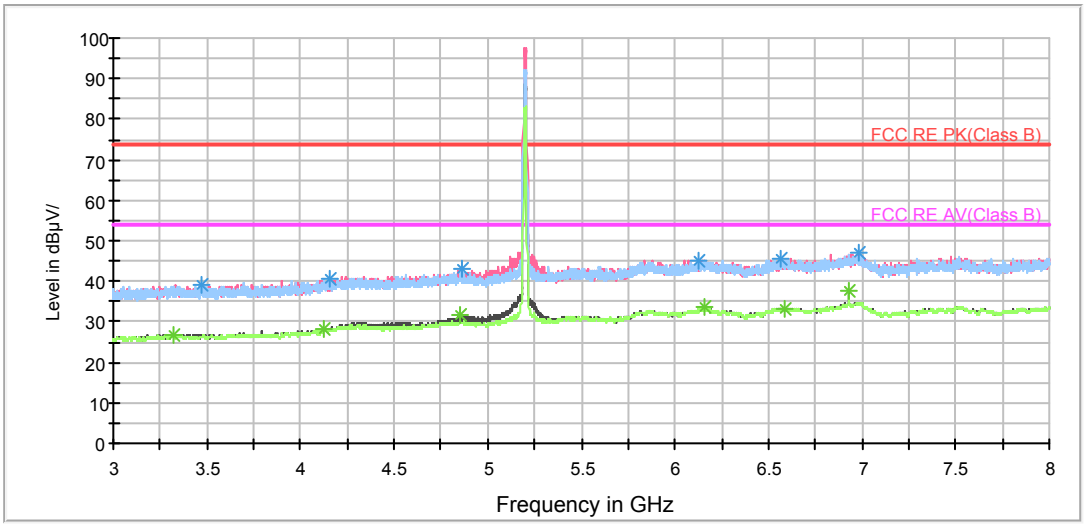
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

FCC RE 1G-18GHz PK+AV Class B



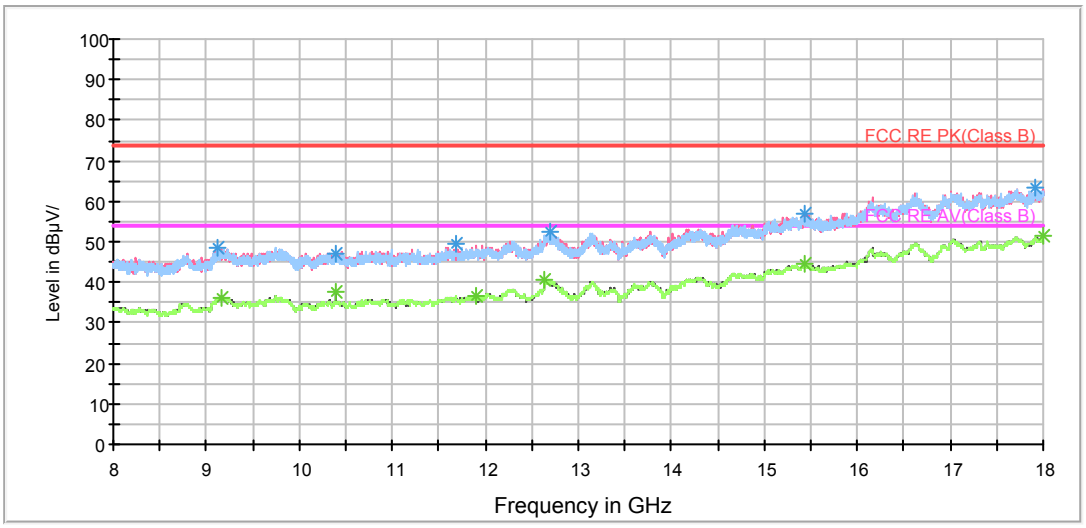
Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



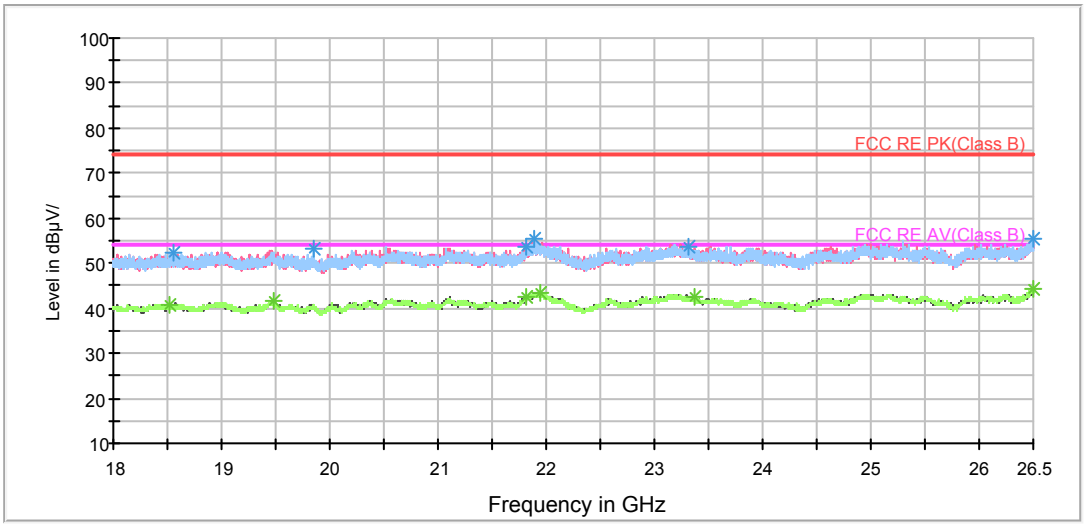
Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



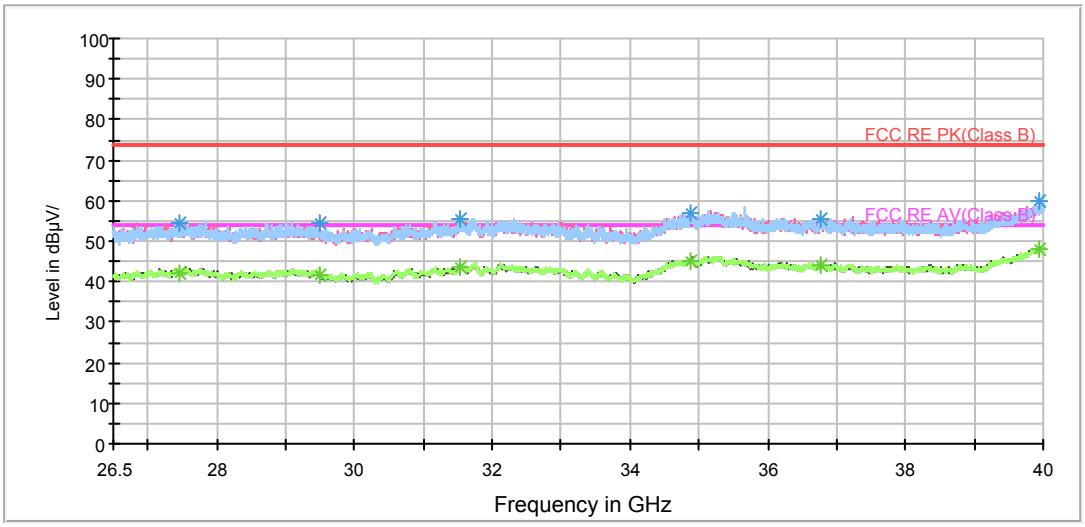
Radiates Emission from 8GHz to 18GHz

BELL_RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

802.11ac (HT20) CH48

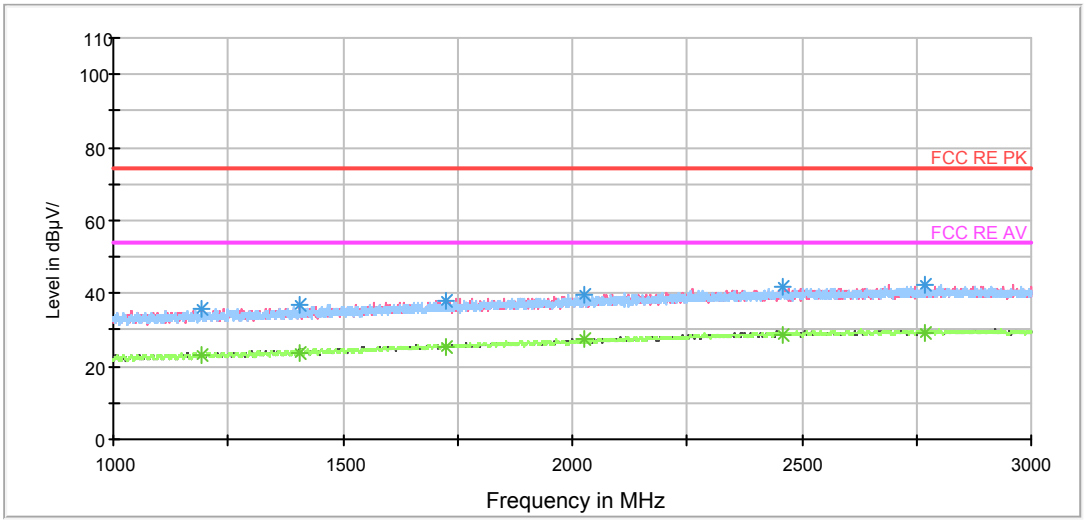
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1194.000000	35.9	100.0	V	227.0	44.2	-8.3	38.1	74
1404.750000	36.7	100.0	V	227.0	43.6	-6.9	37.3	74
1726.250000	38.1	100.0	V	317.0	43.2	-5.1	35.9	74
2025.750000	39.8	100.0	H	16.0	43.2	-3.4	34.2	74
2459.000000	41.6	100.0	H	187.0	42.7	-1.1	32.4	74
2768.250000	42.4	100.0	H	0.0	43.0	-0.6	31.6	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1194.000000	23.2	100.0	V	227.0	31.5	-8.3	30.8	54
1404.750000	23.7	100.0	V	227.0	30.6	-6.9	30.3	54
1726.250000	25.5	100.0	V	317.0	30.6	-5.1	28.5	54
2025.750000	27.4	100.0	H	16.0	30.8	-3.4	26.6	54
2459.000000	28.8	100.0	H	187.0	29.9	-1.1	25.2	54
2768.250000	29.4	100.0	H	0.0	30.0	-0.6	24.6	54

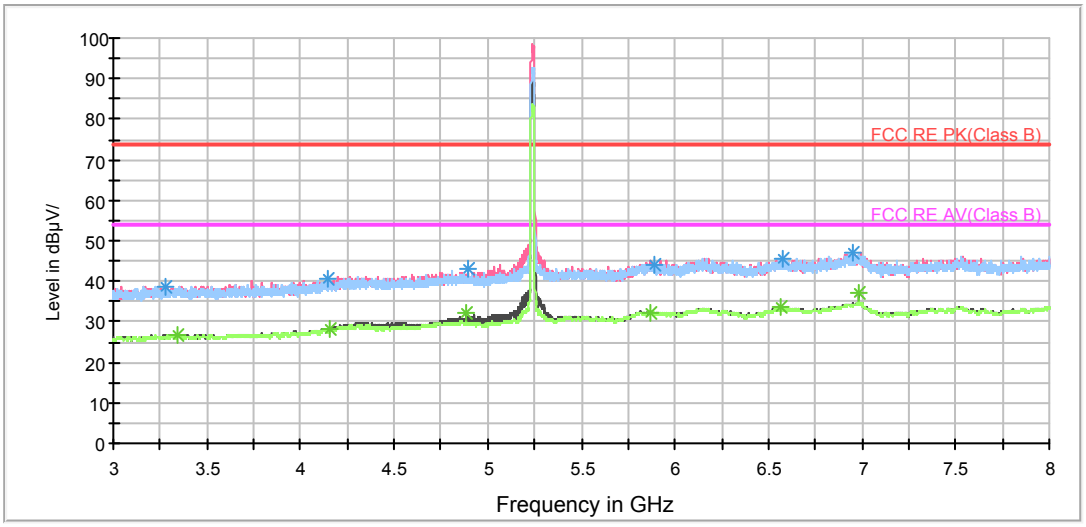
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

FCC RE 1G-18GHz PK+AV Class B



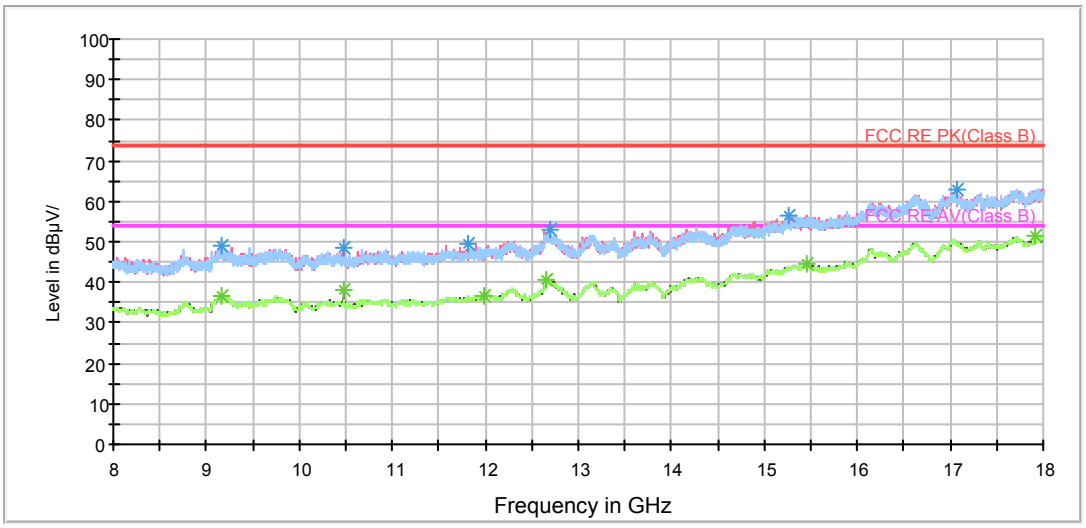
Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



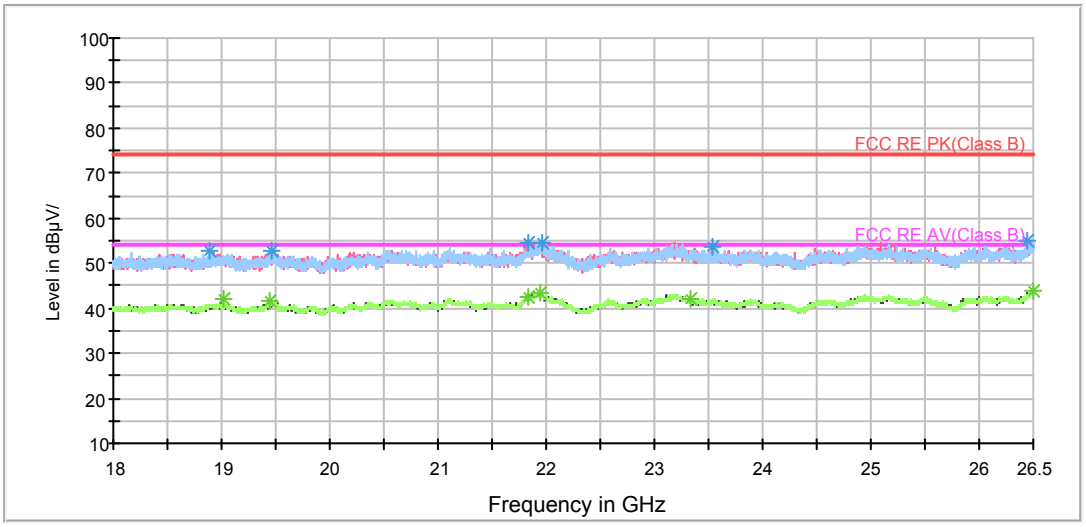
Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



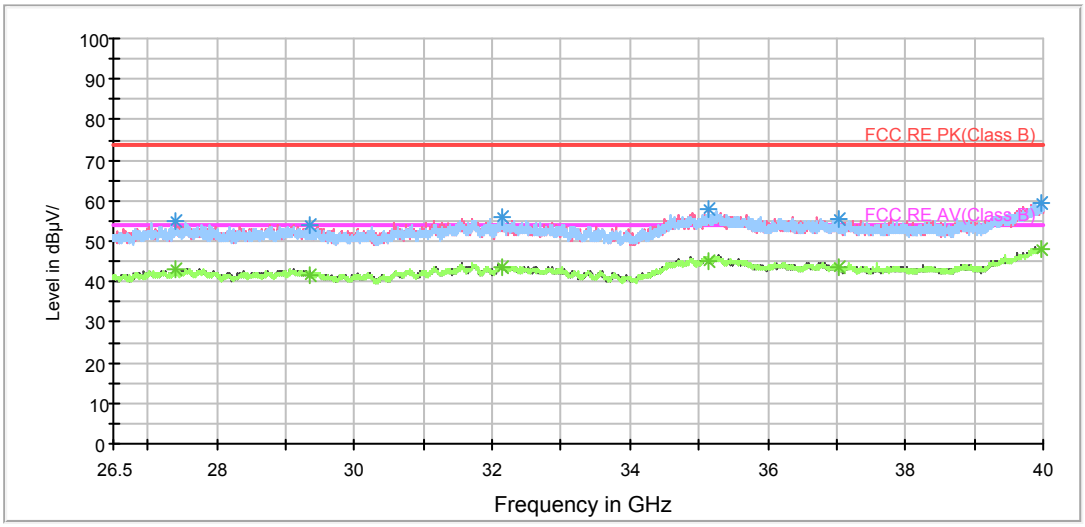
Radiates Emission from 8GHz to 18GHz

BELL_RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

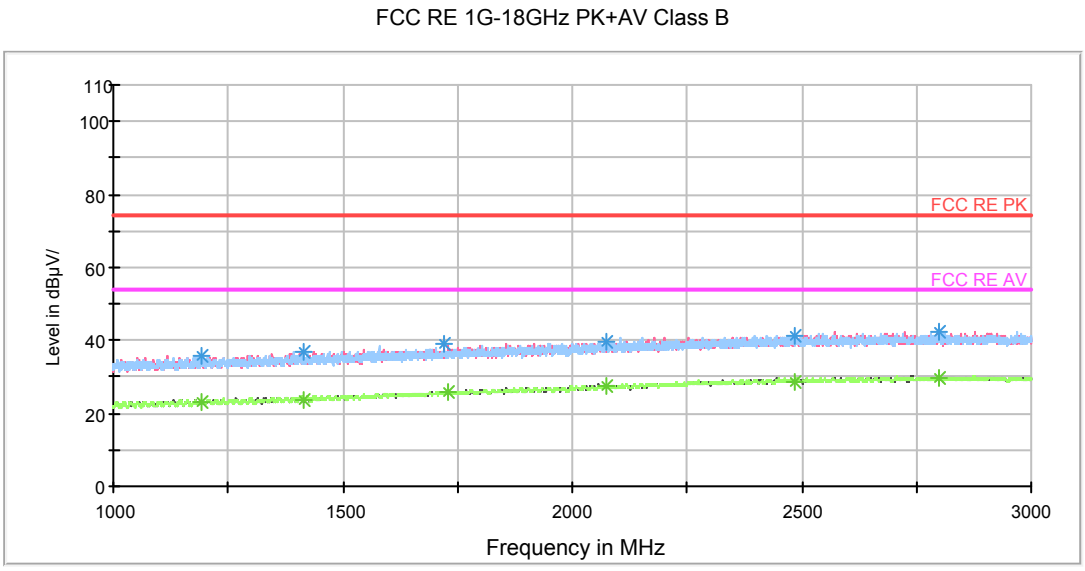
802.11ac (HT20) CH52

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1193.500000	35.6	100.0	H	0.0	43.9	-8.3	38.4	74
1413.000000	36.7	100.0	V	324.0	43.6	-6.9	37.3	74
1719.000000	39.3	100.0	V	203.0	44.5	-5.2	34.7	74
2072.250000	39.7	100.0	H	118.0	42.7	-3.0	34.3	74
2484.000000	41.5	100.0	V	173.0	42.5	-1.0	32.5	74
2797.500000	42.3	100.0	V	273.0	42.8	-0.5	31.7	74

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

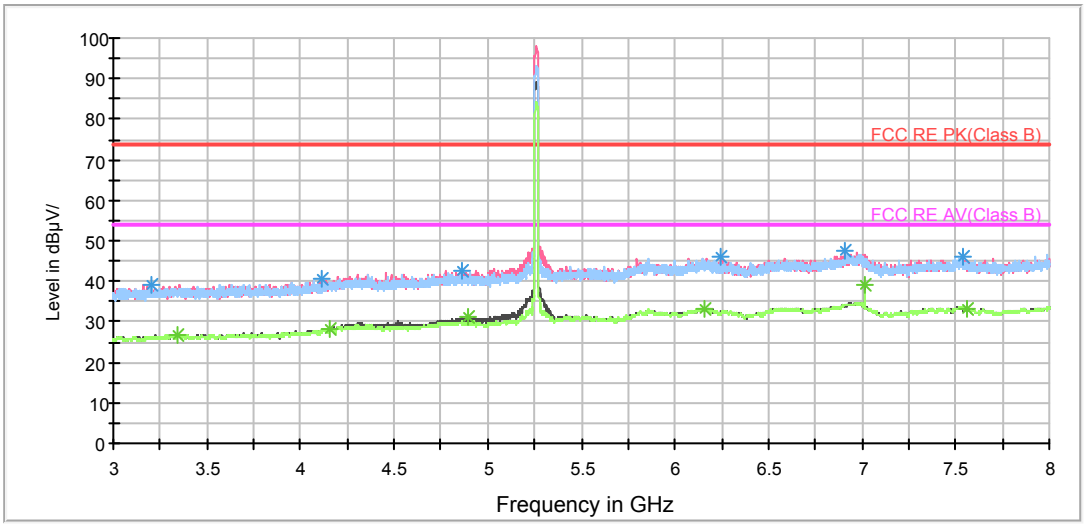
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1193.500000	23.2	100.0	H	0.0	31.5	-8.3	30.8	54
1413.000000	23.7	100.0	V	324.0	30.6	-6.9	30.3	54
1729.500000	26.0	100.0	V	342.0	31.0	-5.0	28.0	54
2072.250000	27.2	100.0	H	118.0	30.2	-3.0	26.8	54
2484.000000	28.8	100.0	V	173.0	29.8	-1.0	25.2	54
2797.500000	29.6	100.0	V	273.0	30.1	-0.5	24.4	54

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



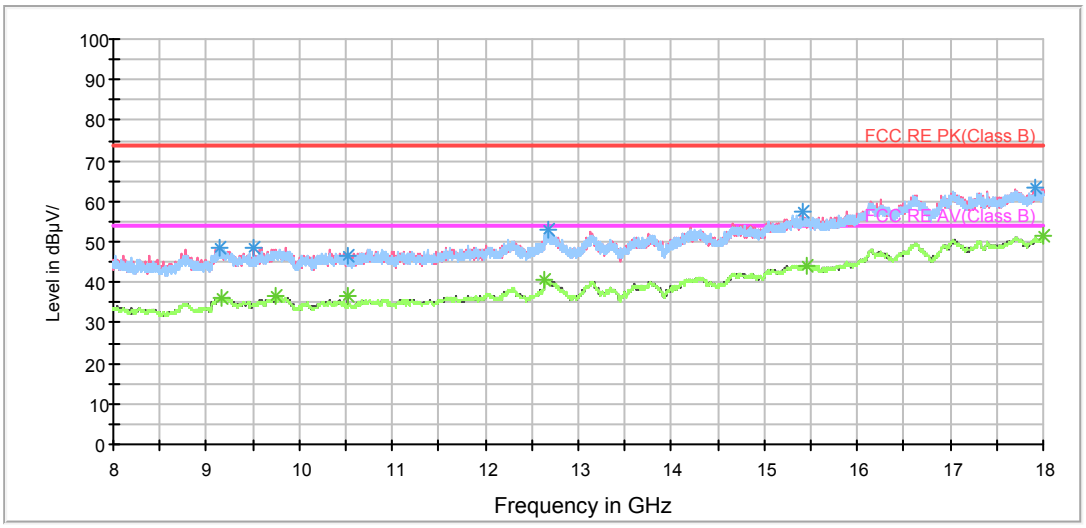
Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



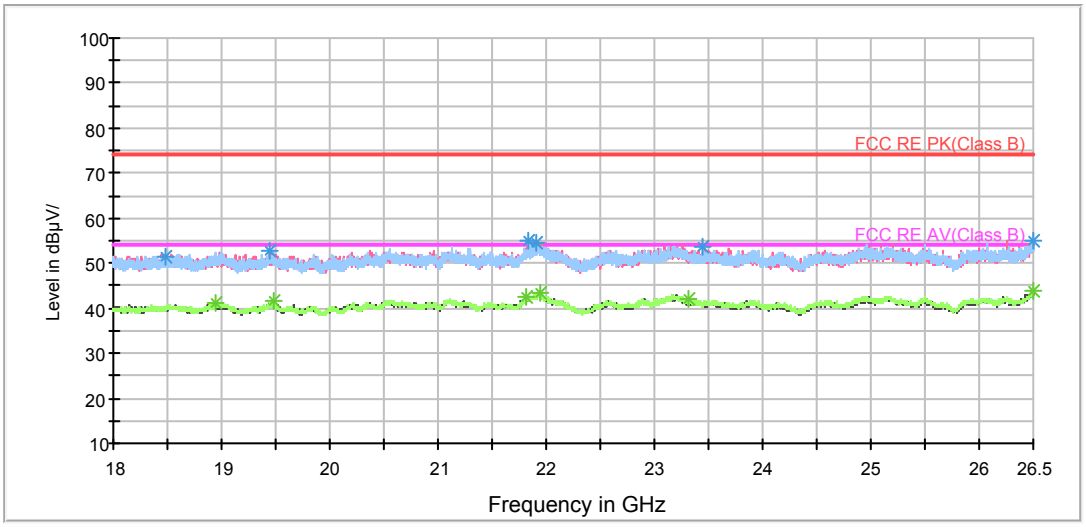
Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



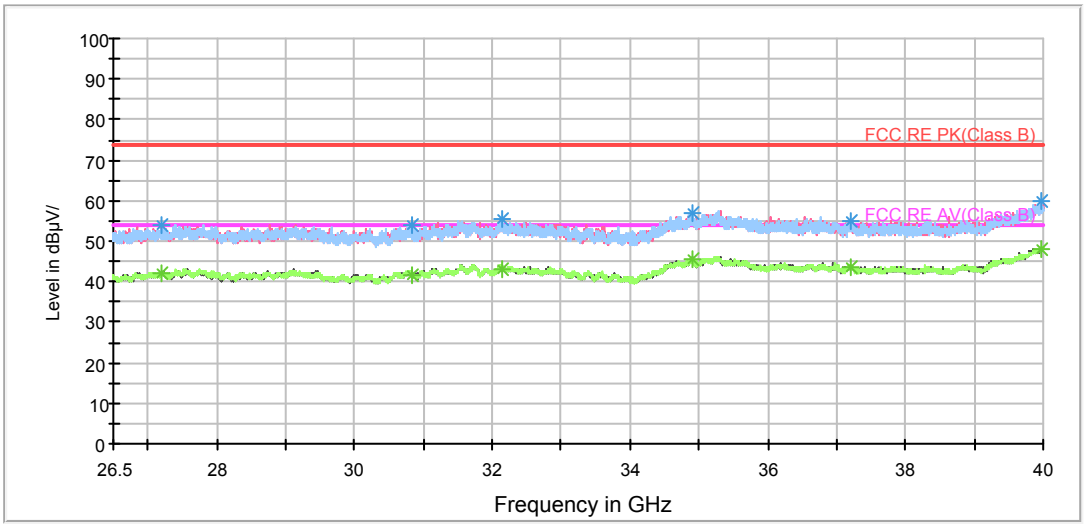
Radiates Emission from 8GHz to 18GHz

BELL_RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

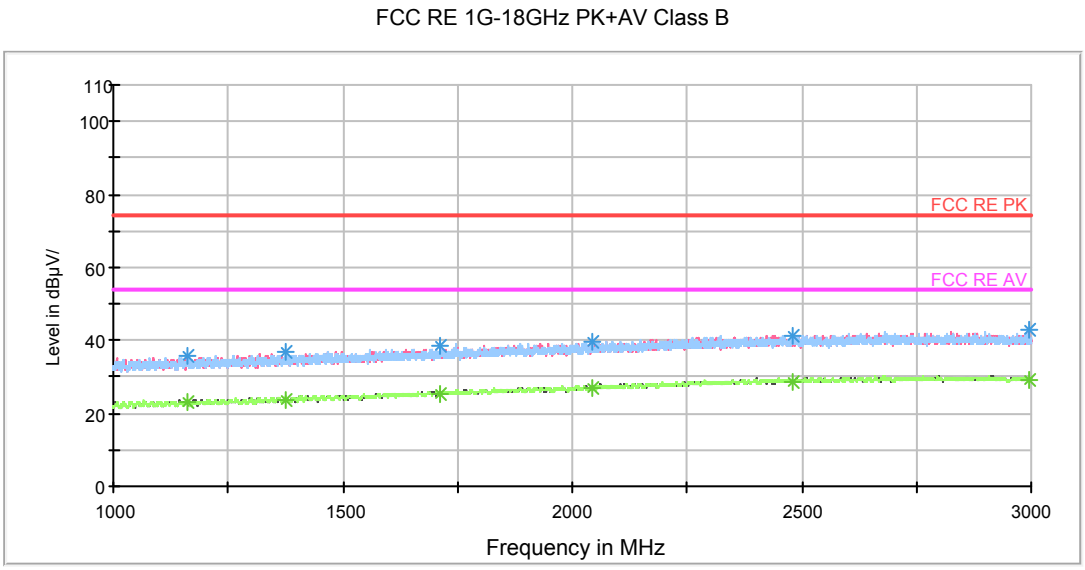
802.11ac (HT20) CH56

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1162.000000	35.6	100.0	V	277.0	44.0	-8.4	38.4	74
1375.250000	36.8	100.0	H	0.0	43.9	-7.1	37.2	74
1712.750000	38.2	100.0	H	49.0	43.4	-5.2	35.8	74
2042.750000	39.6	100.0	V	357.0	42.9	-3.3	34.4	74
2482.500000	41.4	100.0	H	0.0	42.4	-1.0	32.6	74
2995.500000	42.8	100.0	V	351.0	43.4	-0.6	31.2	74

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

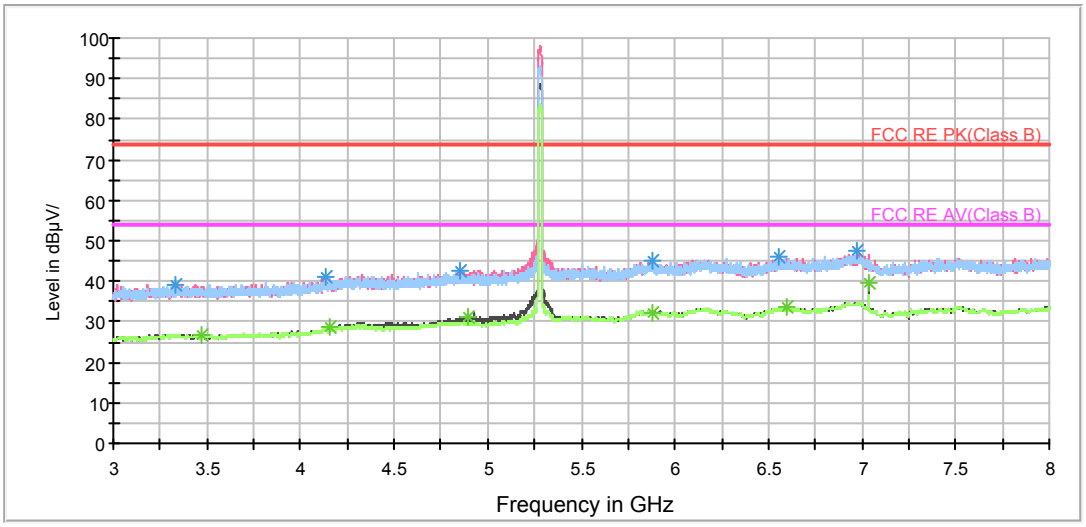
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1162.000000	23.3	100.0	V	277.0	31.7	-8.4	30.7	54
1375.250000	23.8	100.0	H	0.0	30.9	-7.1	30.2	54
1712.750000	25.2	100.0	H	49.0	30.4	-5.2	28.8	54
2042.750000	26.9	100.0	V	357.0	30.2	-3.3	27.1	54
2482.500000	28.8	100.0	H	0.0	29.8	-1.0	25.2	54
2995.500000	29.4	100.0	V	351.0	30.0	-0.6	24.6	54

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



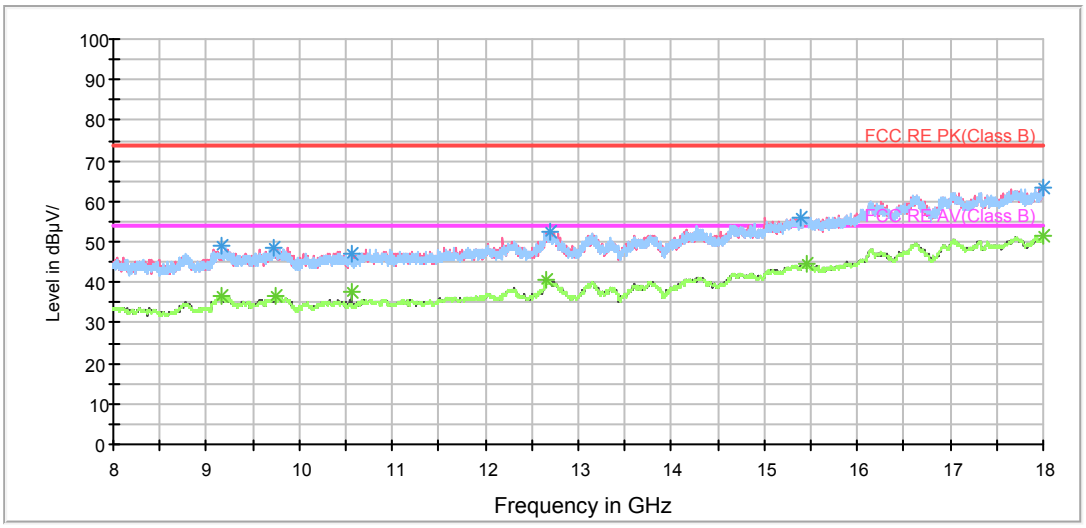
Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



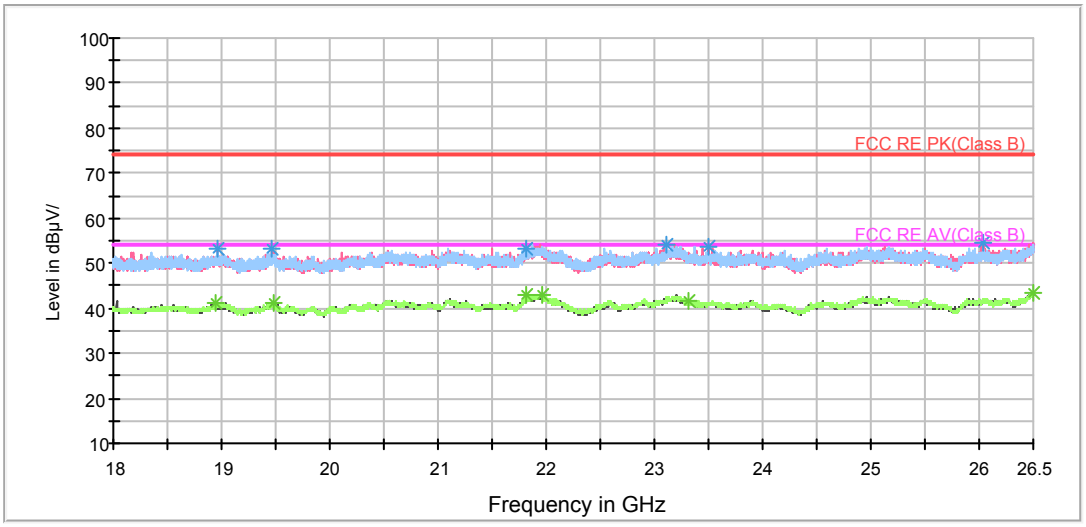
Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



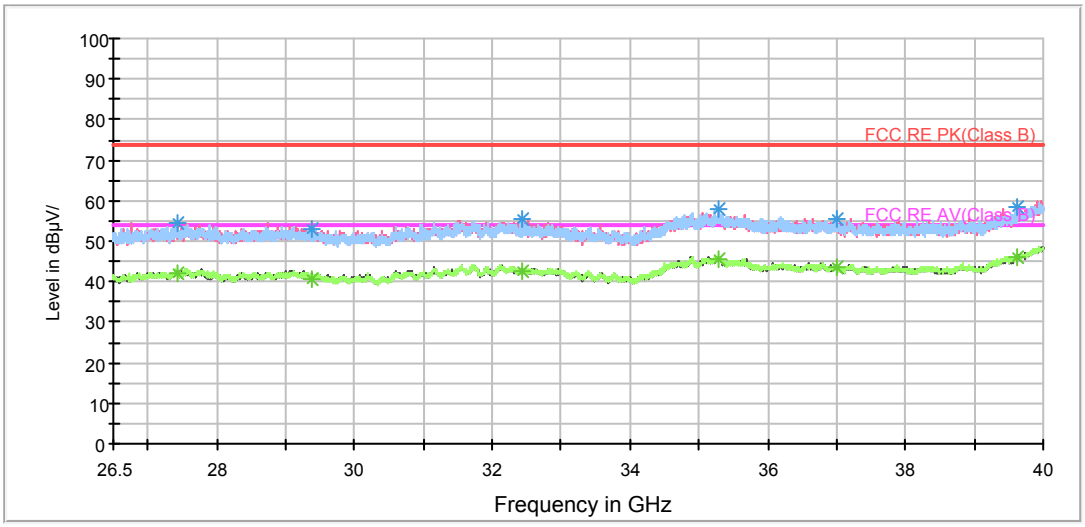
Radiates Emission from 8GHz to 18GHz

BELL_RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

802.11ac (HT20) CH64

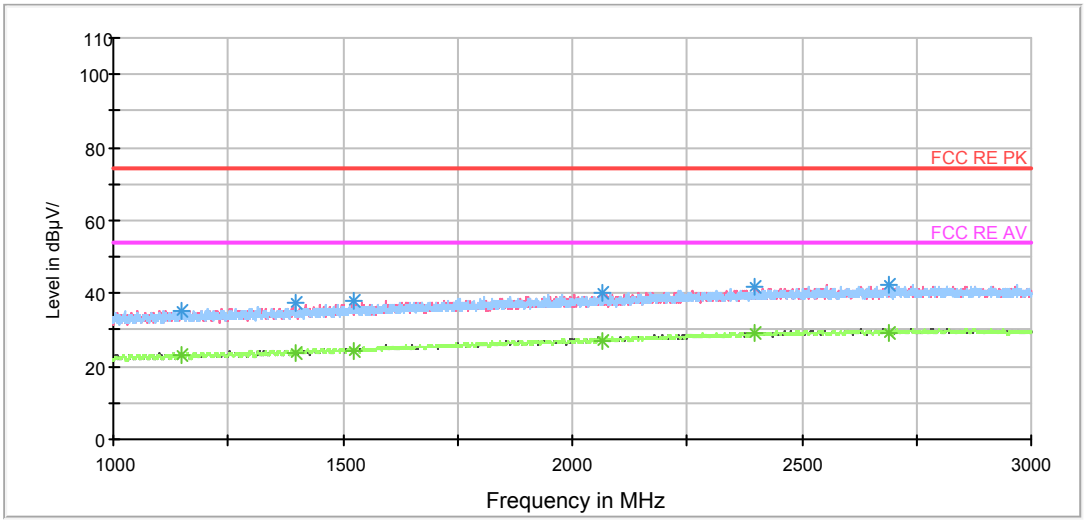
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1149.250000	35.3	100.0	V	0.0	43.8	-8.5	38.7	74
1397.500000	37.3	100.0	H	126.0	44.3	-7.0	36.7	74
1523.500000	38.1	100.0	H	44.0	44.4	-6.3	35.9	74
2066.250000	40.1	100.0	V	359.0	43.1	-3.0	33.9	74
2398.500000	41.7	100.0	V	358.0	43.0	-1.3	32.3	74
2690.750000	42.6	100.0	H	1.0	43.3	-0.7	31.4	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)
1149.250000	22.8	100.0	V	0.0	31.3	-8.5	31.2	54
1397.500000	23.5	100.0	H	126.0	30.5	-7.0	30.5	54
1523.500000	24.2	100.0	H	44.0	30.5	-6.3	29.8	54
2066.250000	27.0	100.0	V	359.0	30.0	-3.0	27.0	54
2398.500000	29.1	100.0	V	358.0	30.4	-1.3	24.9	54
2690.750000	29.4	100.0	H	1.0	30.1	-0.7	24.6	54

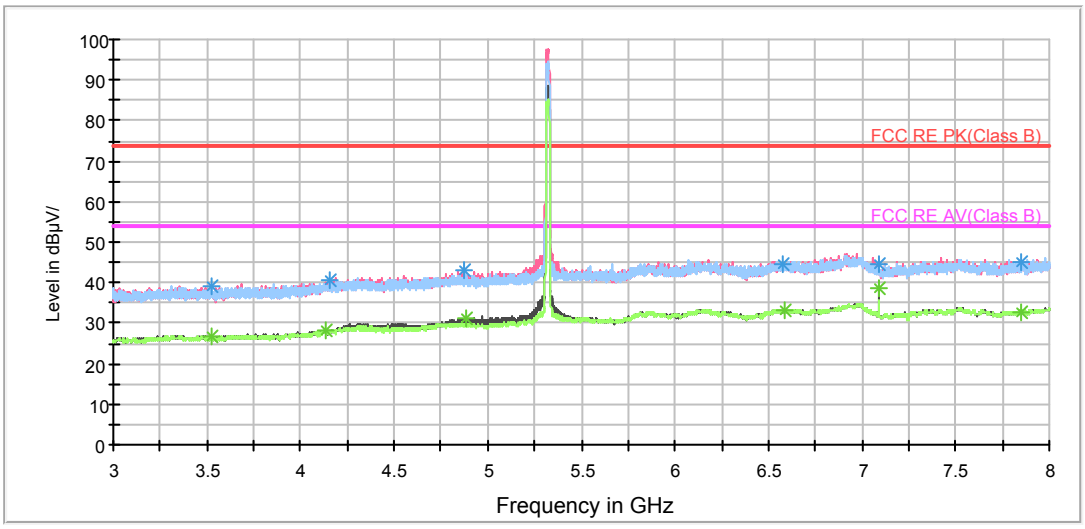
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 1GHz to 3GHz

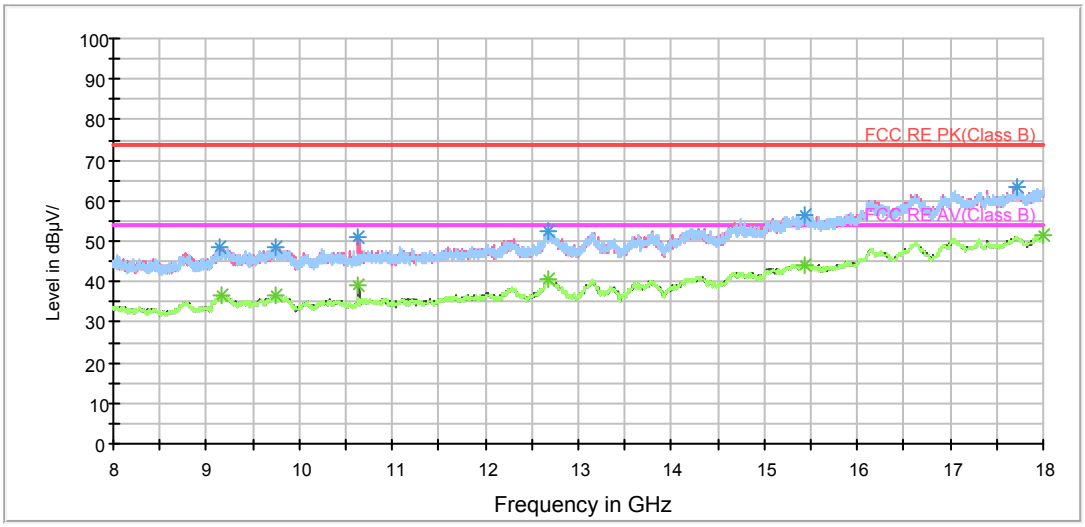
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

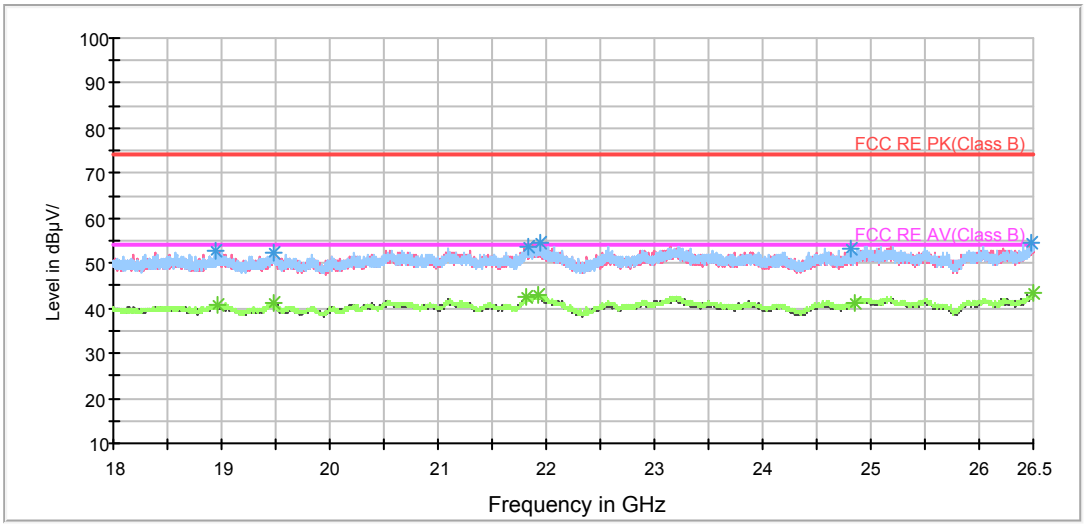
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



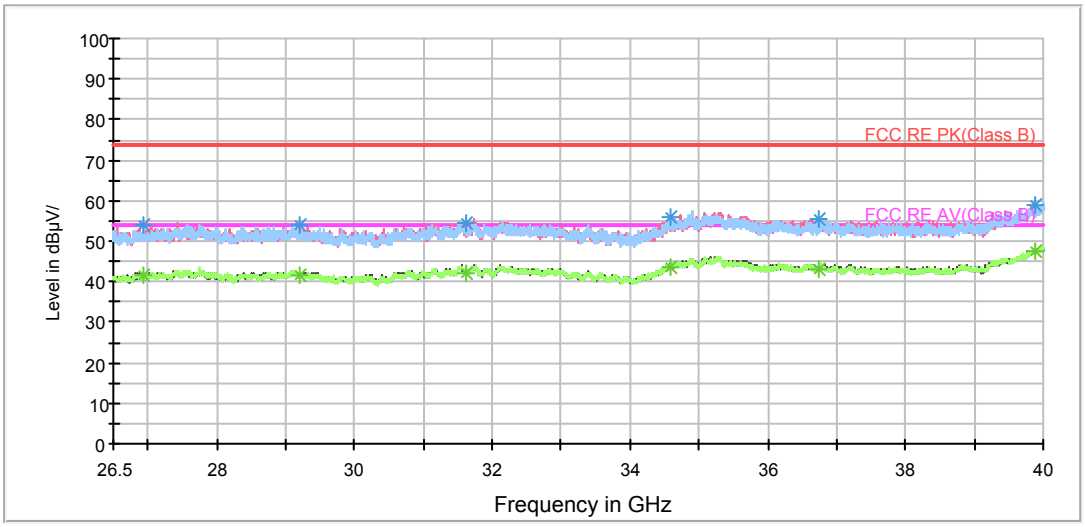
Radiates Emission from 8GHz to 18GHz

BELL_RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

802.11ac (HT20) CH100

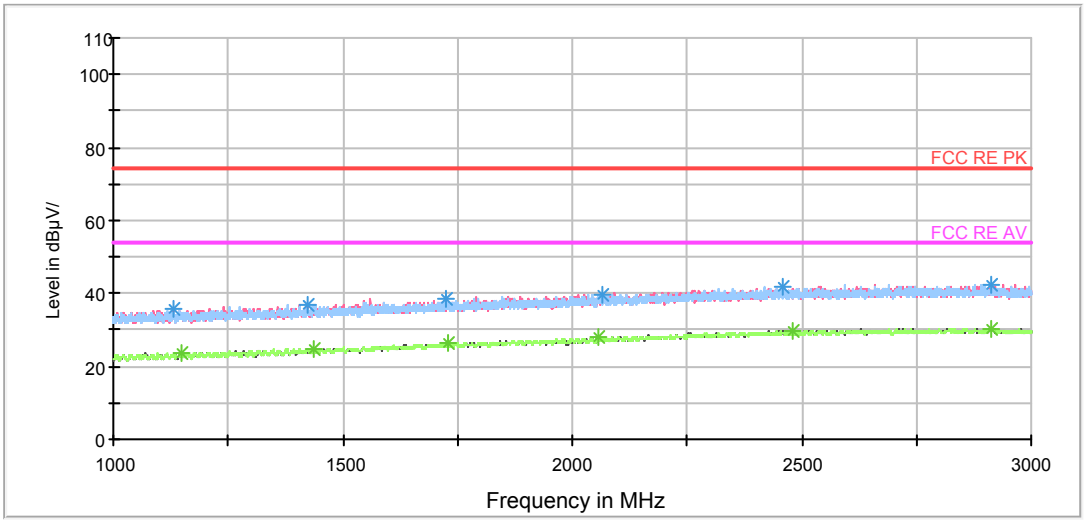
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1131.000000	35.5	100.0	V	283.0	44.1	-8.6	38.5	74
1423.500000	37.1	100.0	V	162.0	44.0	-6.9	36.9	74
1725.000000	38.6	100.0	V	233.0	43.7	-5.1	35.4	74
2066.250000	39.8	100.0	V	172.0	42.8	-3.0	34.2	74
2460.250000	41.7	100.0	H	0.0	42.8	-1.1	32.3	74
2912.250000	42.6	100.0	H	0.0	43.0	-0.4	31.4	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)
1148.250000	23.7	100.0	H	38.0	32.2	-8.5	30.3	54
1438.000000	24.8	100.0	H	119.0	31.5	-6.7	29.2	54
1729.250000	26.2	100.0	V	192.0	31.2	-5.0	27.8	54
2058.000000	27.9	100.0	H	98.0	31.0	-3.1	26.1	54
2478.750000	29.7	100.0	H	201.0	30.7	-1.0	24.3	54
2911.000000	30.4	100.0	H	0.0	30.8	-0.4	23.6	54

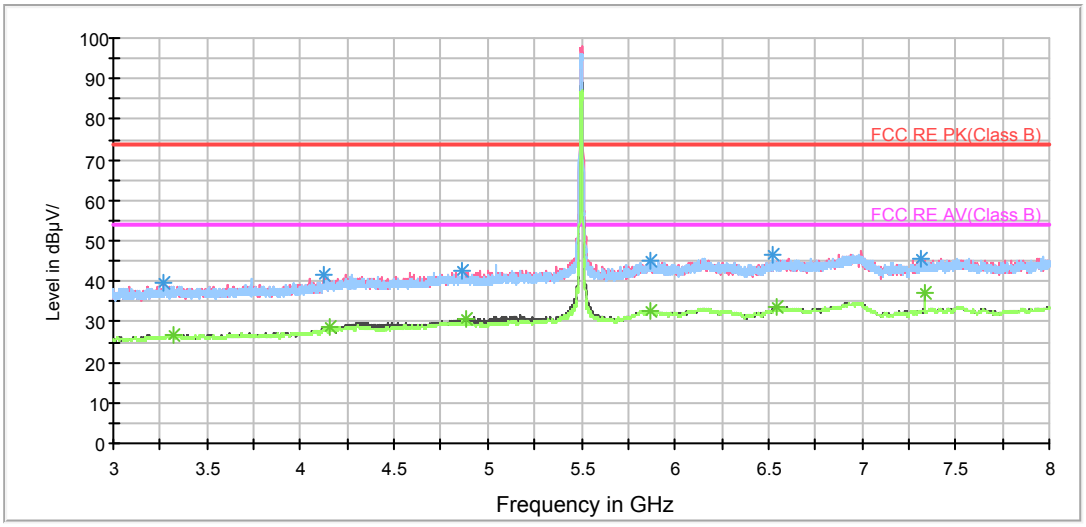
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

FCC RE 1G-18GHz PK+AV Class B



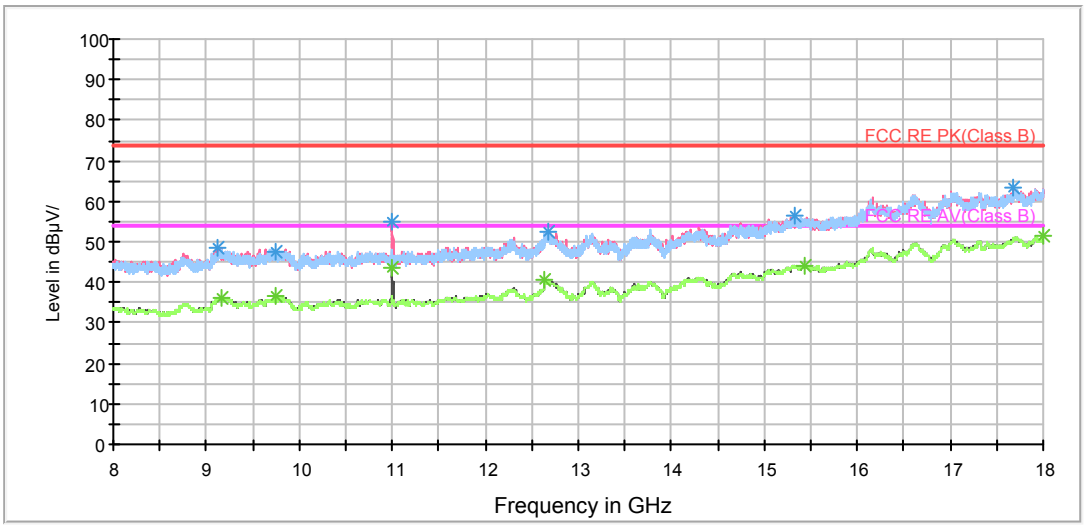
Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



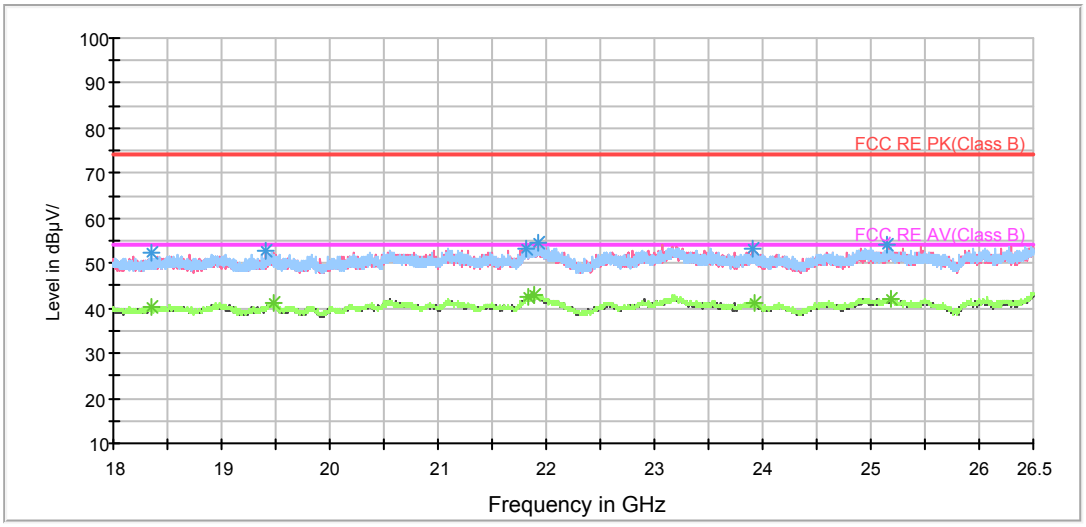
Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



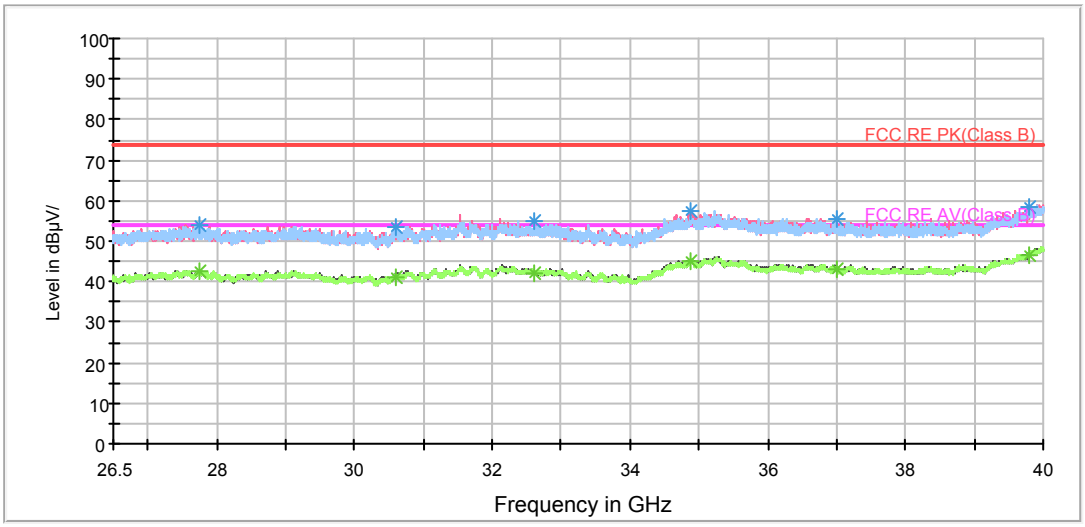
Radiates Emission from 8GHz to 18GHz

BELL_RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

802.11ac (HT20) CH116

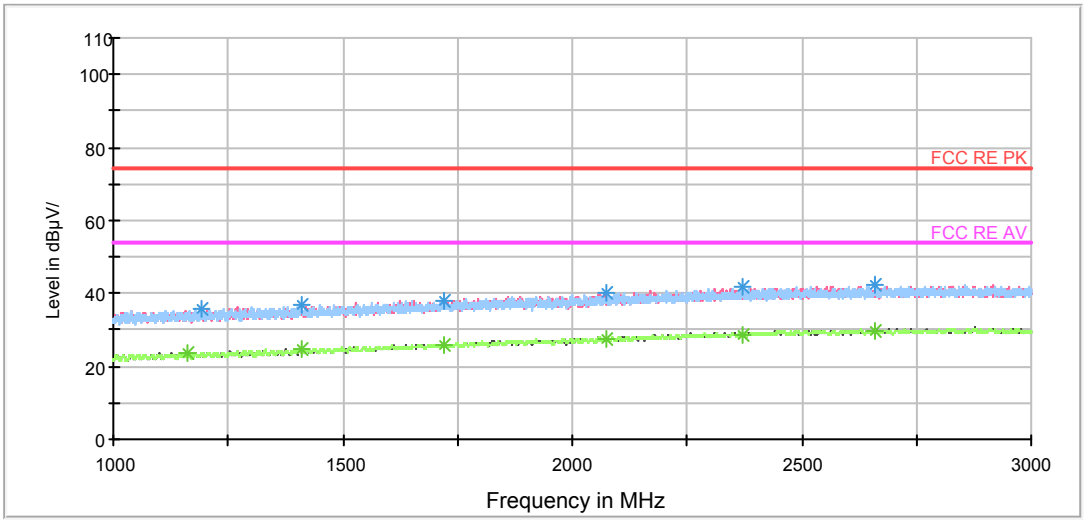
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1192.500000	35.8	100.0	H	119.0	44.1	-8.3	38.2	74
1408.500000	36.7	100.0	H	12.0	43.6	-6.9	37.3	74
1721.000000	38.0	100.0	H	119.0	43.1	-5.1	36.0	74
2074.000000	40.2	100.0	V	0.0	43.2	-3.0	33.8	74
2369.250000	42.0	100.0	H	0.0	43.5	-1.5	32.0	74
2661.000000	42.3	100.0	H	244.0	43.0	-0.7	31.7	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1160.500000	23.8	100.0	V	338.0	32.2	-8.4	30.2	54
1411.000000	24.9	100.0	H	254.0	31.8	-6.9	29.1	54
1720.250000	26.1	100.0	H	19.0	31.2	-5.1	27.9	54
2074.000000	27.4	100.0	V	0.0	30.4	-3.0	26.6	54
2369.250000	28.8	100.0	H	0.0	30.3	-1.5	25.2	54
2661.000000	29.7	100.0	H	244.0	30.4	-0.7	24.3	54

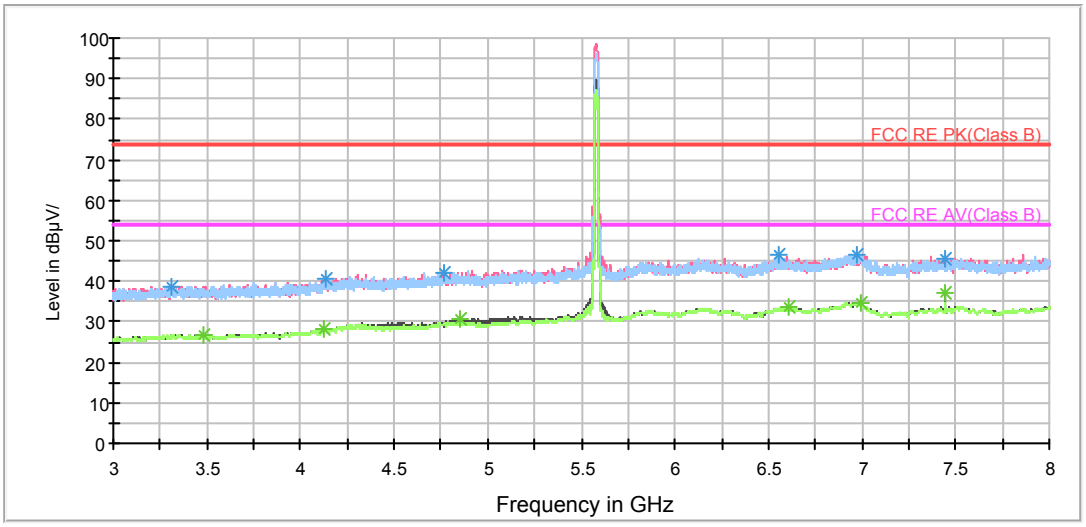
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

FCC RE 1G-18GHz PK+AV Class B



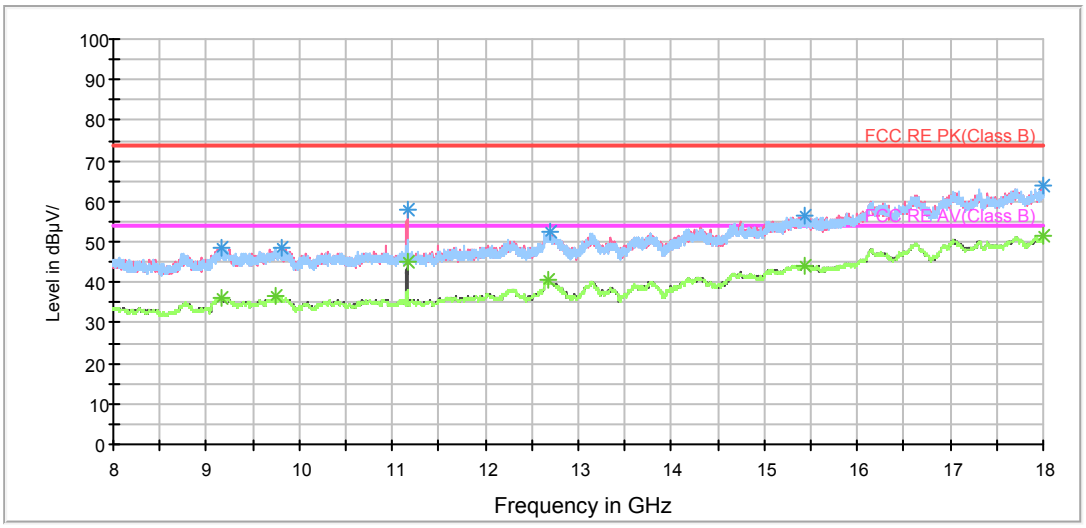
Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



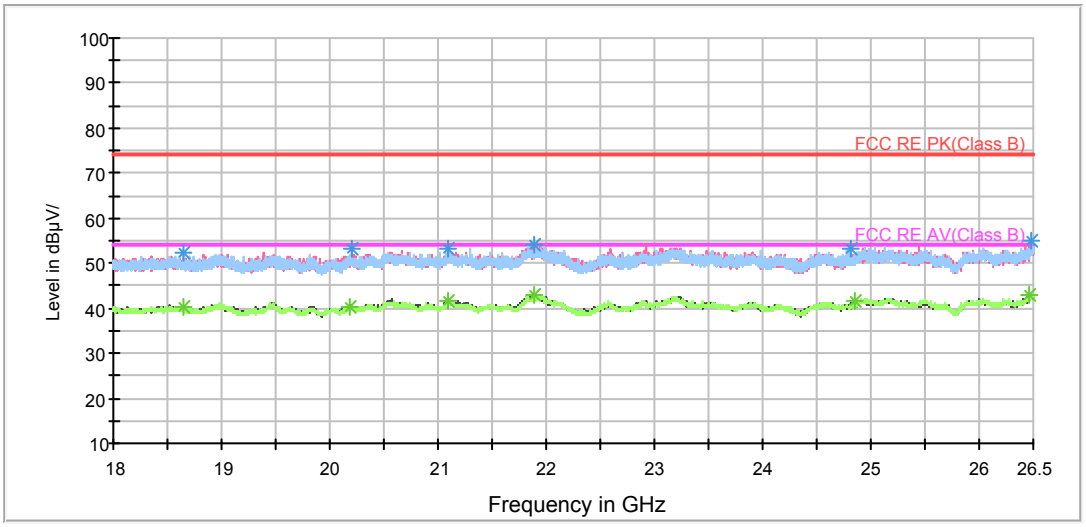
Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



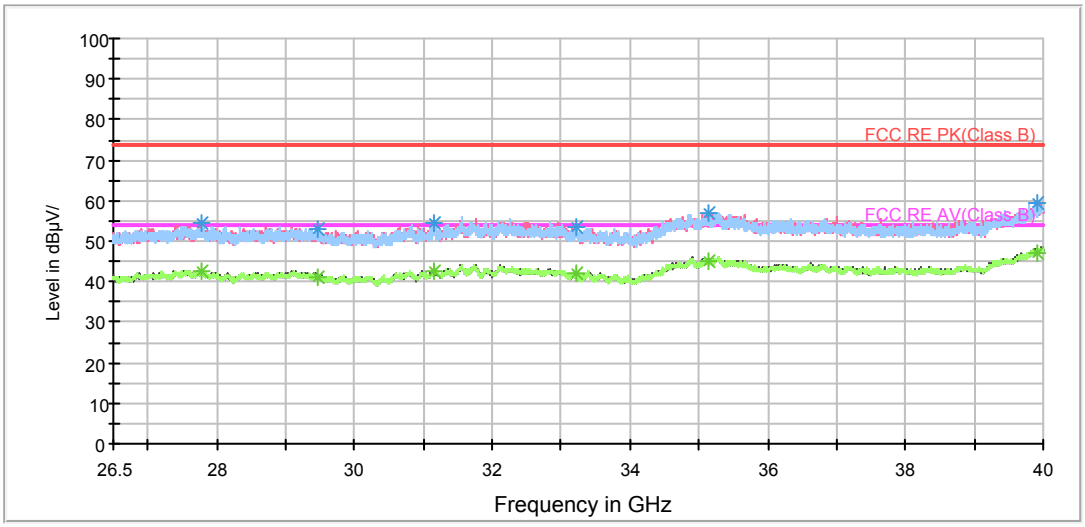
Radiates Emission from 8GHz to 18GHz

BELL_RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

802.11ac (HT20) CH144

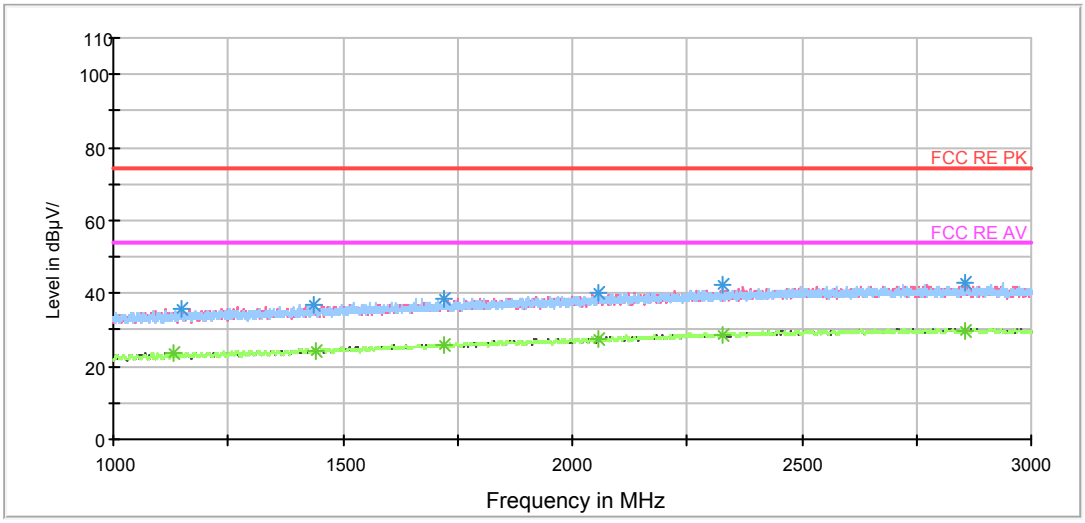
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1150.000000	35.7	100.0	H	71.0	44.2	-8.5	38.3	74
1438.500000	36.9	100.0	V	121.0	43.6	-6.7	37.1	74
1720.750000	38.7	100.0	V	357.0	43.8	-5.1	35.3	74
2056.000000	40.4	100.0	H	101.0	43.5	-3.1	33.6	74
2329.250000	42.2	100.0	H	152.0	43.9	-1.7	31.8	74
2857.000000	42.7	100.0	H	203.0	43.2	-0.5	31.3	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)
1129.750000	23.8	100.0	H	13.0	32.4	-8.6	30.2	54
1439.750000	24.3	100.0	V	357.0	31.0	-6.7	29.7	54
1720.750000	25.7	100.0	V	357.0	30.8	-5.1	28.3	54
2056.000000	27.3	100.0	H	101.0	30.4	-3.1	26.7	54
2329.250000	28.3	100.0	H	152.0	30.0	-1.7	25.7	54
2857.000000	29.8	100.0	H	203.0	30.3	-0.5	24.2	54

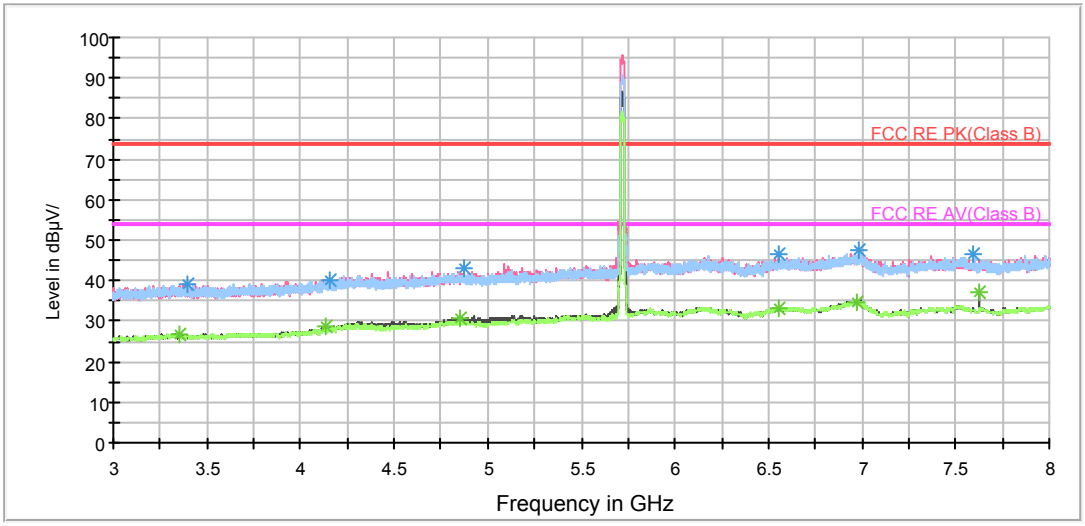
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 1GHz to 3GHz

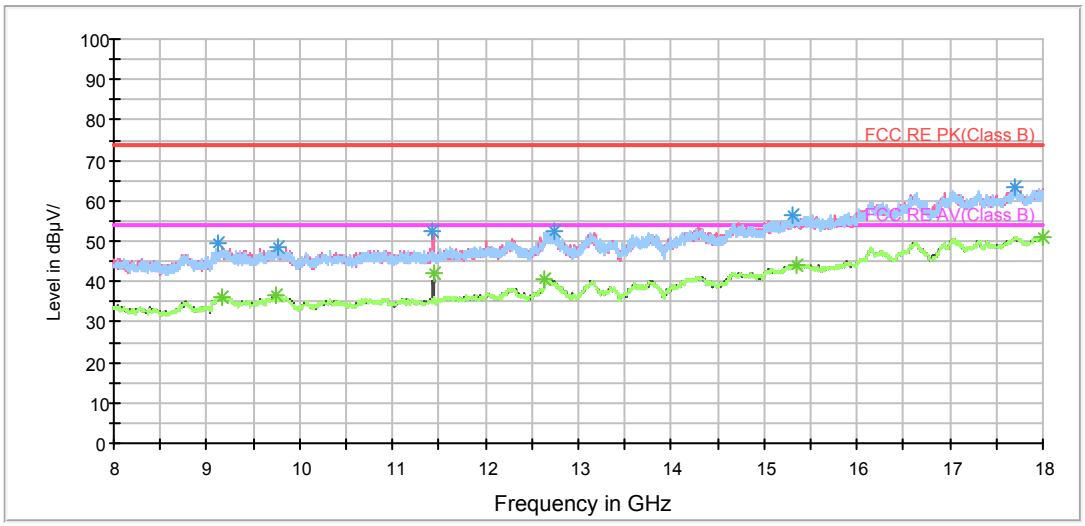
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

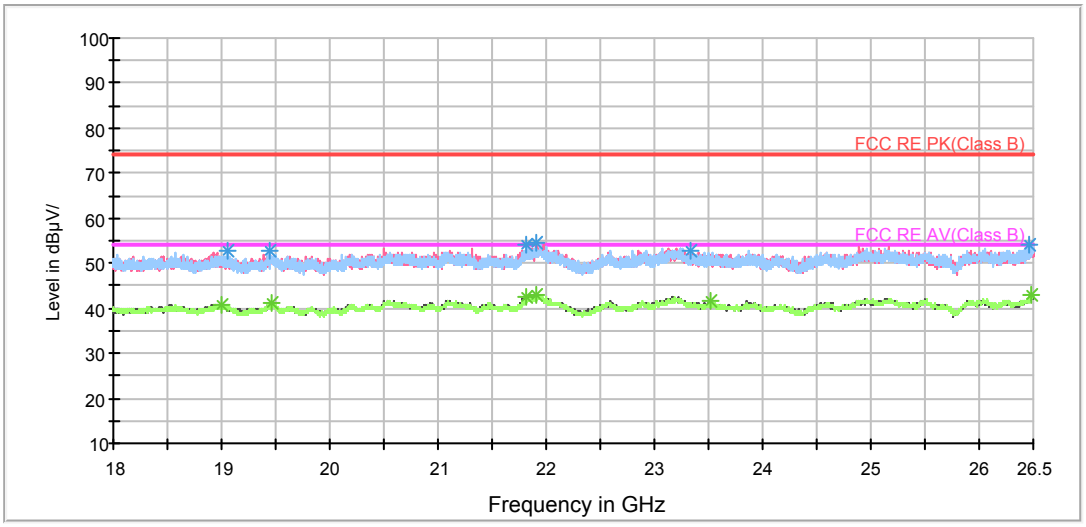
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



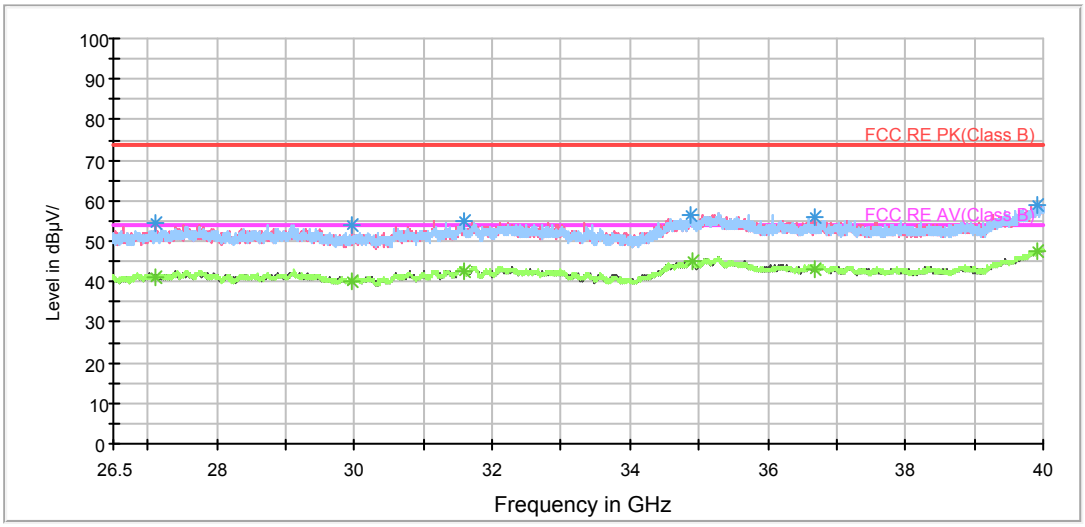
Radiates Emission from 8GHz to 18GHz

BELL_RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

802.11ac (HT40) CH38

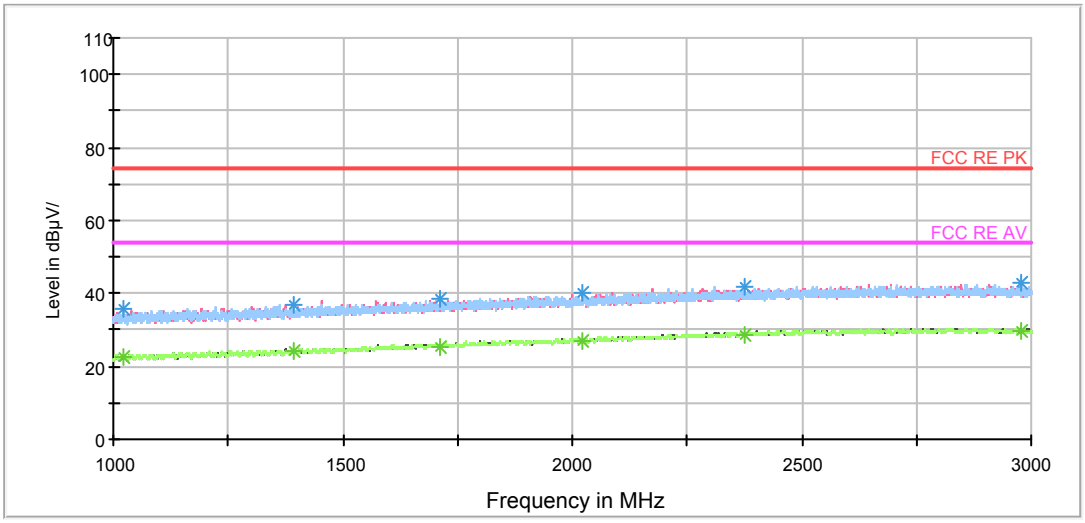
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1022.250000	36.0	100.0	H	30.0	45.1	-9.1	38.0	74
1393.000000	36.7	100.0	V	0.0	43.7	-7.0	37.3	74
1712.250000	38.6	100.0	V	348.0	43.8	-5.2	35.4	74
2021.250000	40.1	100.0	V	359.0	43.4	-3.3	33.9	74
2374.750000	41.8	100.0	H	70.0	43.2	-1.4	32.2	74
2980.250000	42.8	100.0	H	90.0	43.2	-0.4	31.2	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)
1022.250000	22.4	100.0	H	30.0	31.5	-9.1	31.6	54
1393.000000	24.0	100.0	V	0.0	31.0	-7.0	30.0	54
1712.250000	25.4	100.0	V	348.0	30.6	-5.2	28.6	54
2021.250000	26.9	100.0	V	359.0	30.2	-3.3	27.1	54
2374.750000	28.7	100.0	H	70.0	30.1	-1.4	25.3	54
2980.250000	29.4	100.0	H	90.0	29.8	-0.4	24.6	54

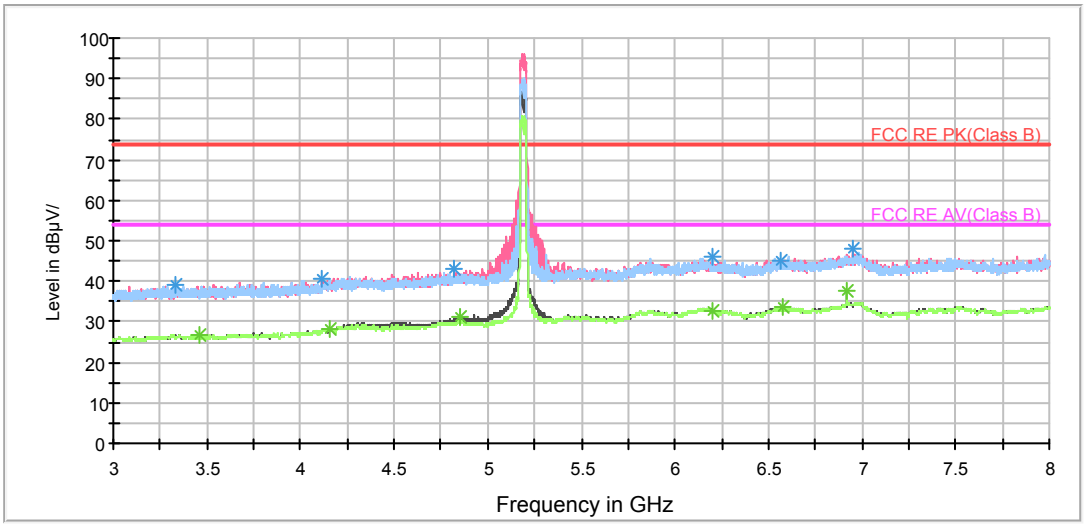
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

FCC RE 1G-18GHz PK+AV Class B



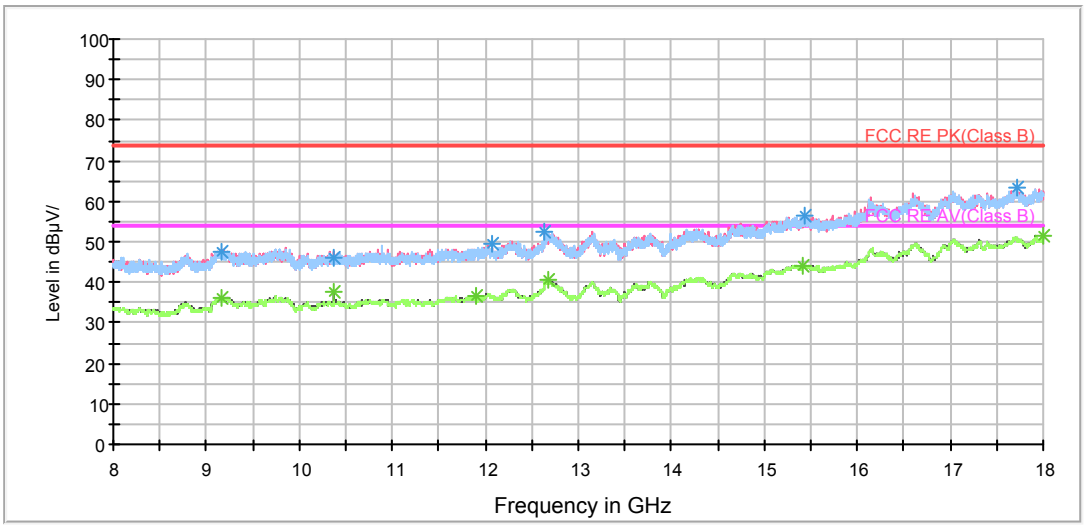
Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



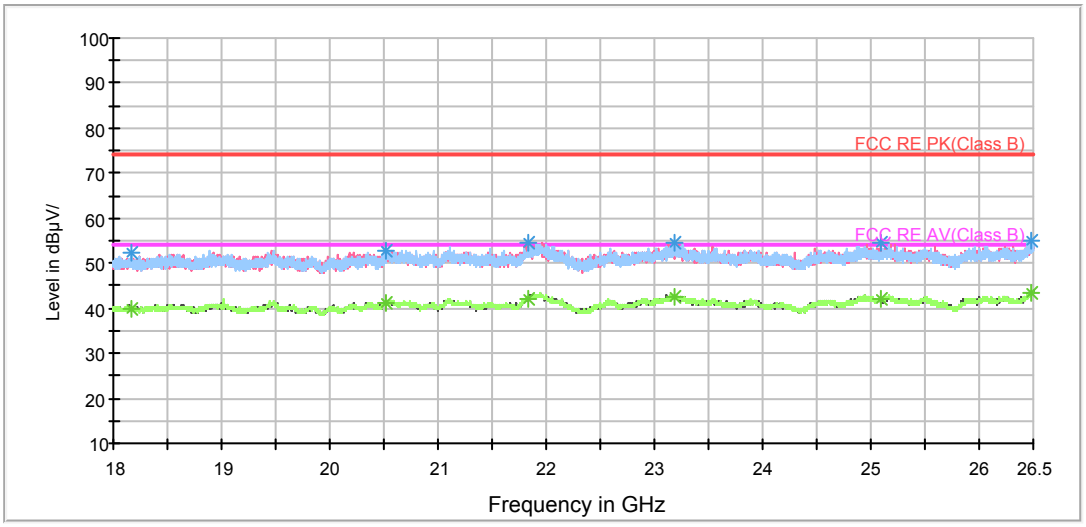
Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



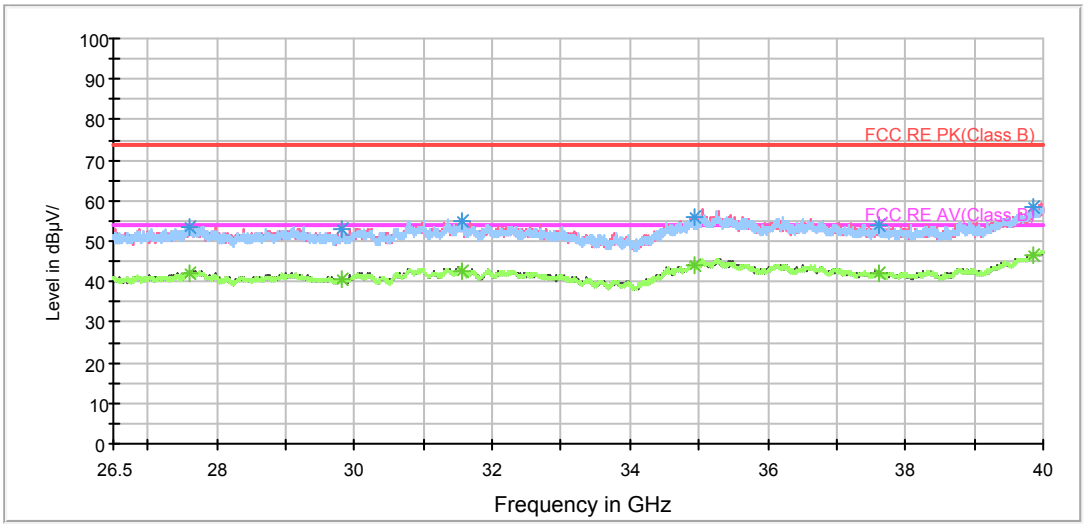
Radiates Emission from 8GHz to 18GHz

BELL_RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

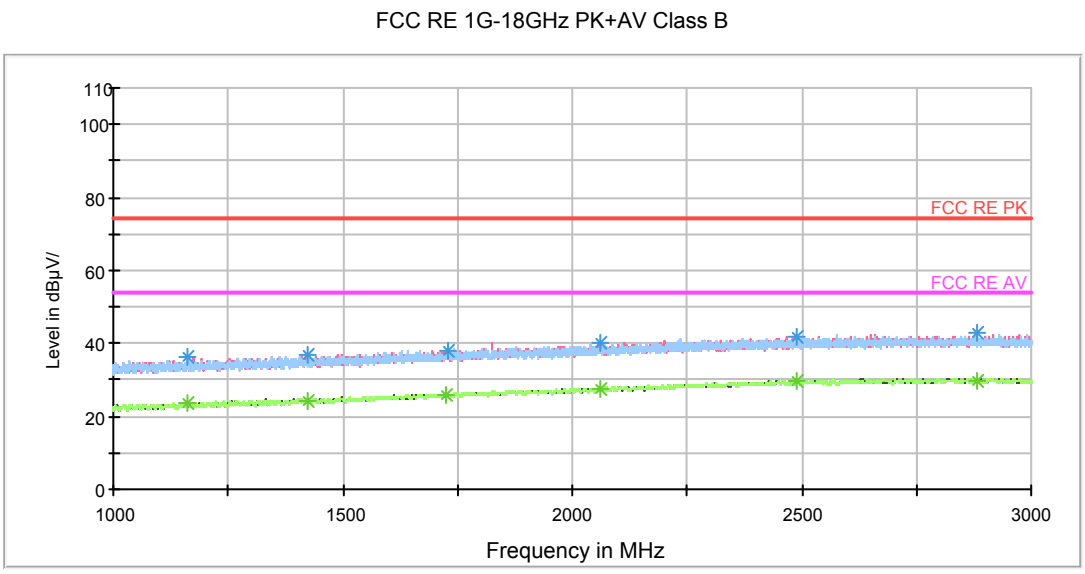
802.11ac (HT40) CH46

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1161.000000	36.3	100.0	H	31.0	44.7	-8.4	37.7	74
1421.500000	36.7	100.0	V	0.0	43.6	-6.9	37.3	74
1728.250000	37.9	100.0	V	0.0	43.0	-5.1	36.1	74
2060.500000	40.1	100.0	V	120.0	43.1	-3.0	33.9	74
2488.250000	41.9	100.0	V	0.0	42.8	-0.9	32.1	74
2883.000000	43.0	100.0	H	0.0	43.4	-0.4	31.0	74

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

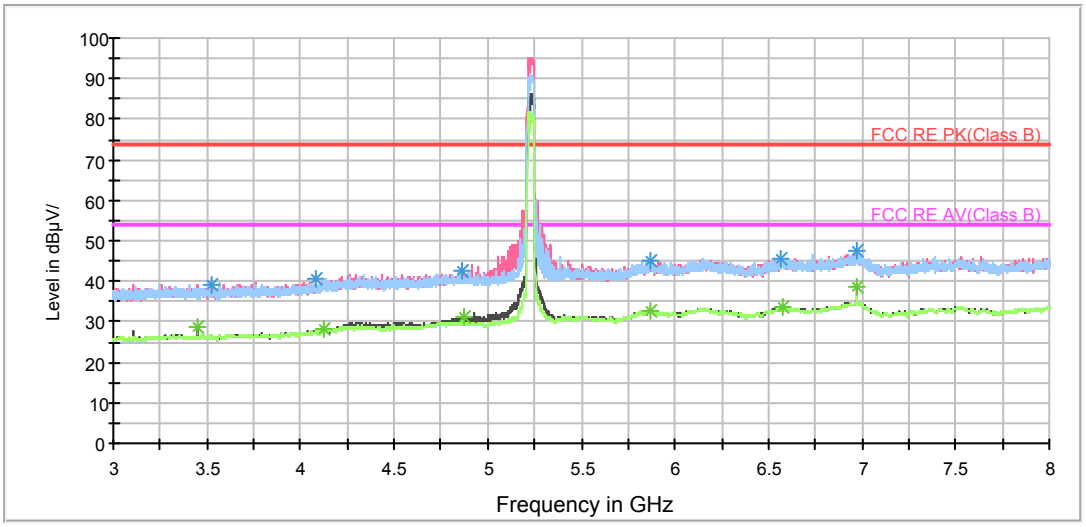
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1161.000000	23.5	100.0	H	31.0	31.9	-8.4	30.5	54
1421.500000	24.2	100.0	V	0.0	31.1	-6.9	29.8	54
1726.750000	25.9	100.0	V	0.0	31.0	-5.1	28.1	54
2060.500000	27.6	100.0	V	120.0	30.6	-3.0	26.4	54
2488.250000	29.4	100.0	V	0.0	30.3	-0.9	24.6	54
2883.000000	29.6	100.0	H	0.0	30.0	-0.4	24.4	54

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



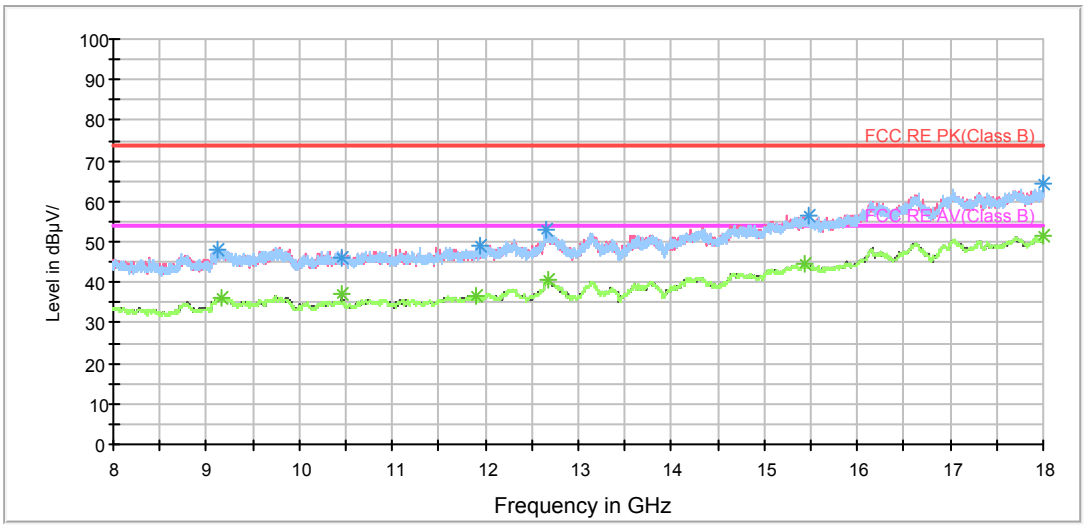
Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



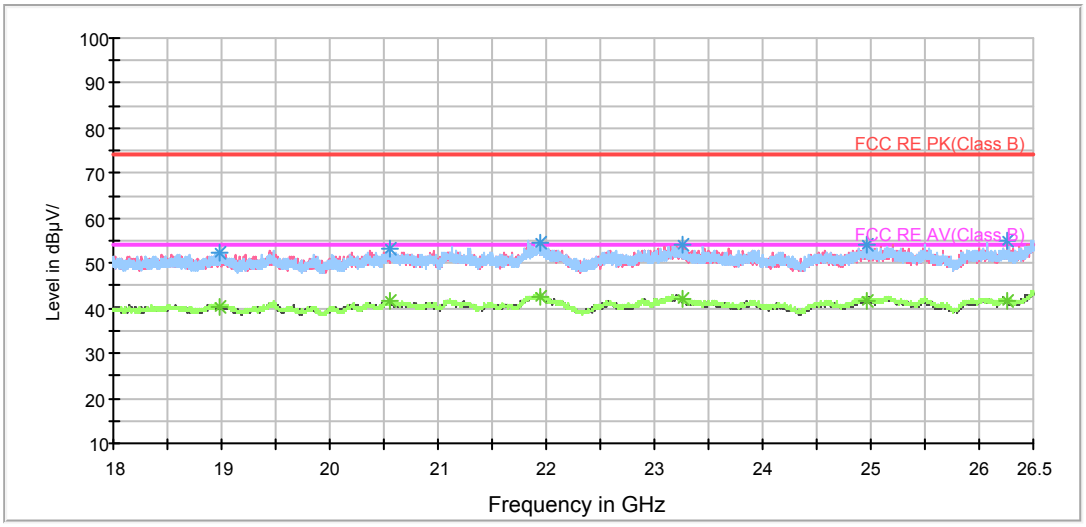
Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



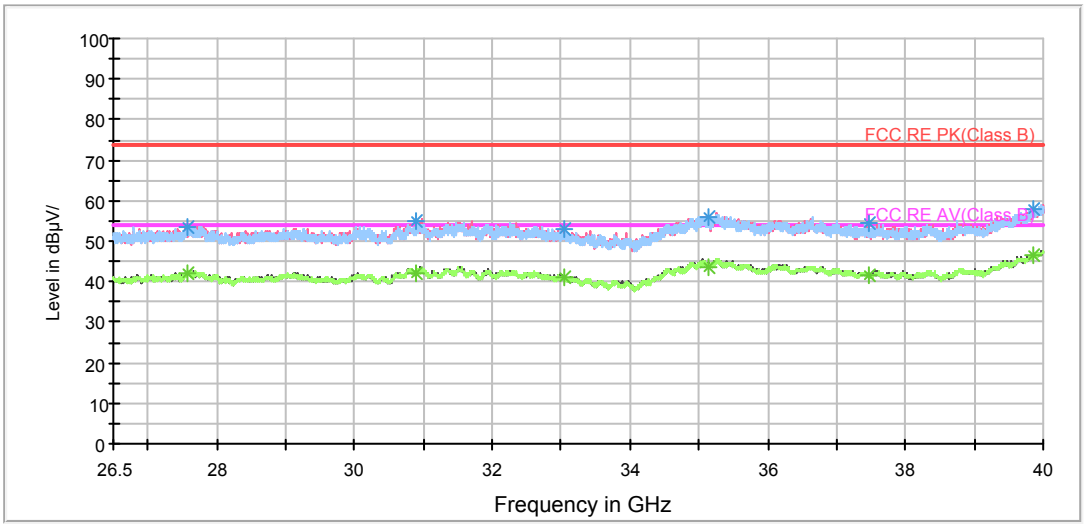
Radiates Emission from 8GHz to 18GHz

BELL_RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

802.11ac (HT40) CH54

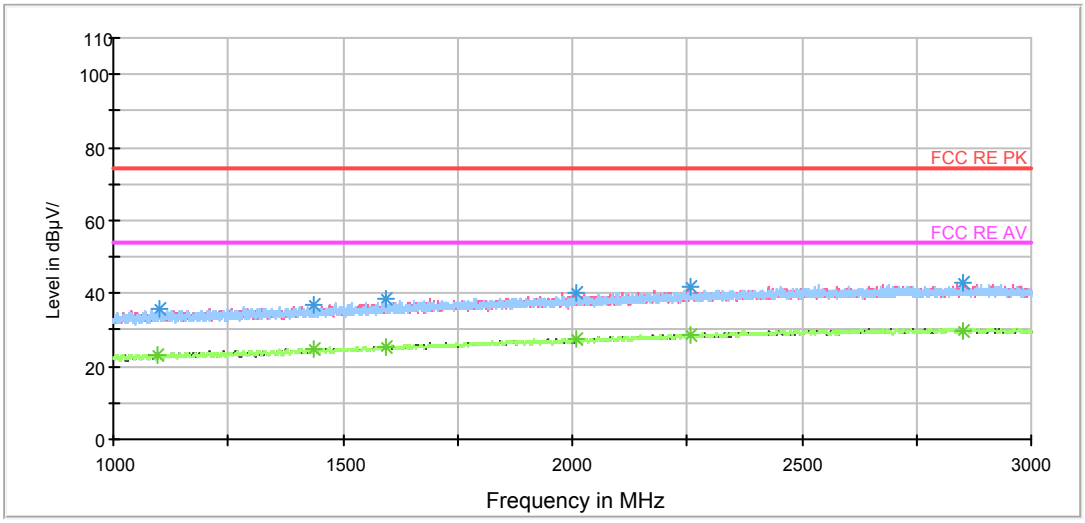
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1098.750000	35.5	100.0	H	111.0	44.3	-8.8	38.5	74
1436.000000	36.7	100.0	H	327.0	43.5	-6.8	37.3	74
1595.750000	38.4	100.0	V	356.0	44.3	-5.9	35.6	74
2009.250000	40.3	100.0	V	212.0	43.7	-3.4	33.7	74
2259.500000	41.7	100.0	V	0.0	43.6	-1.9	32.3	74
2852.500000	42.8	100.0	V	141.0	43.3	-0.5	31.2	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)
1098.000000	23.0	100.0	V	152.0	31.8	-8.8	31.0	54
1436.000000	24.6	100.0	H	327.0	31.4	-6.8	29.4	54
1595.750000	25.0	100.0	V	356.0	30.9	-5.9	29.0	54
2009.250000	27.3	100.0	V	212.0	30.7	-3.4	26.7	54
2259.500000	28.6	100.0	V	0.0	30.5	-1.9	25.4	54
2852.500000	29.7	100.0	V	141.0	30.2	-0.5	24.3	54

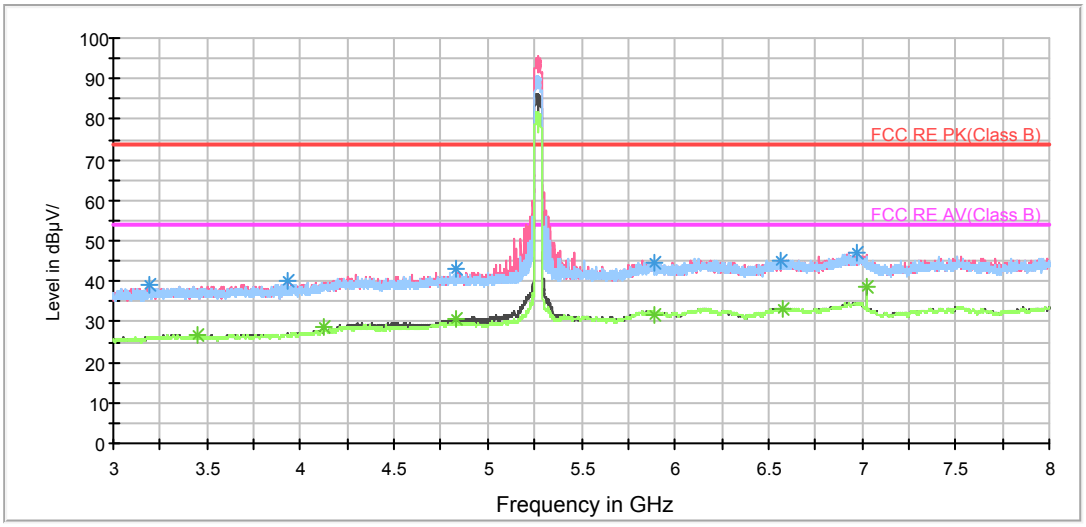
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

FCC RE 1G-18GHz PK+AV Class B



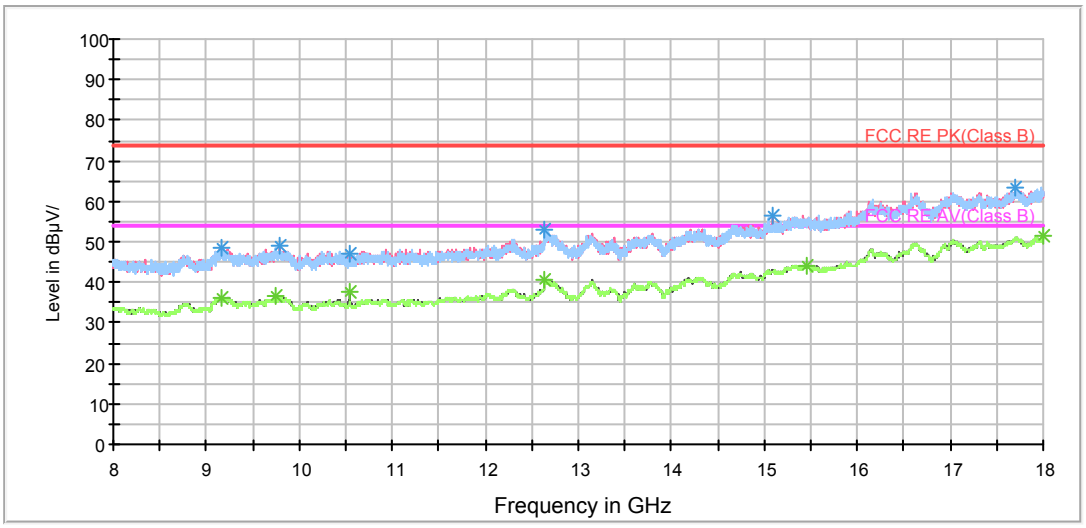
Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



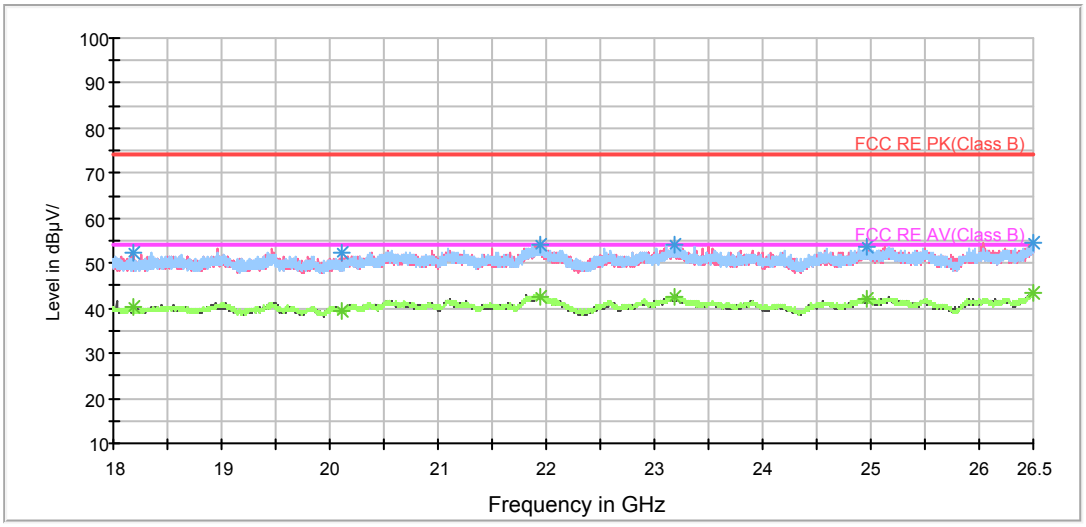
Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



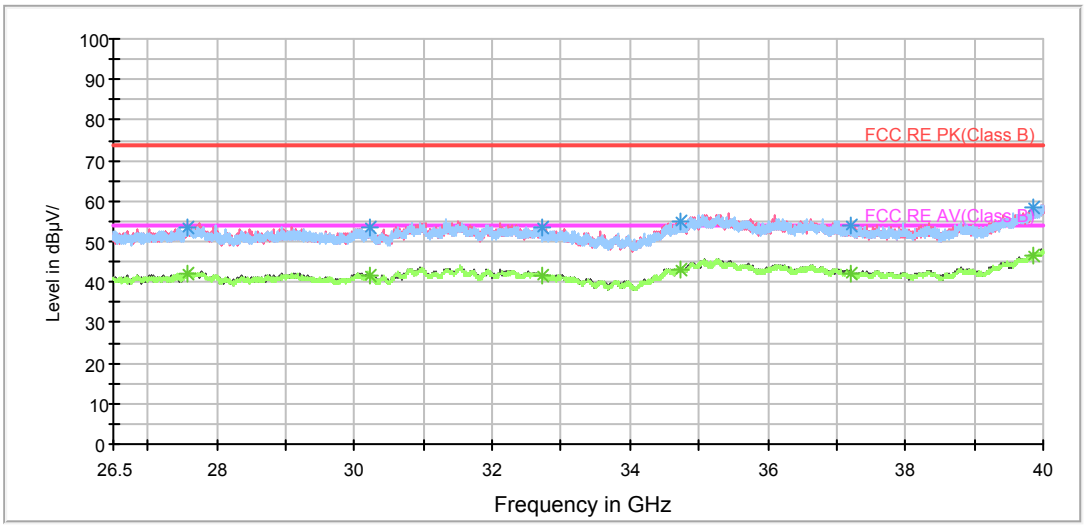
Radiates Emission from 8GHz to 18GHz

BELL_RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

802.11ac (HT40) CH62

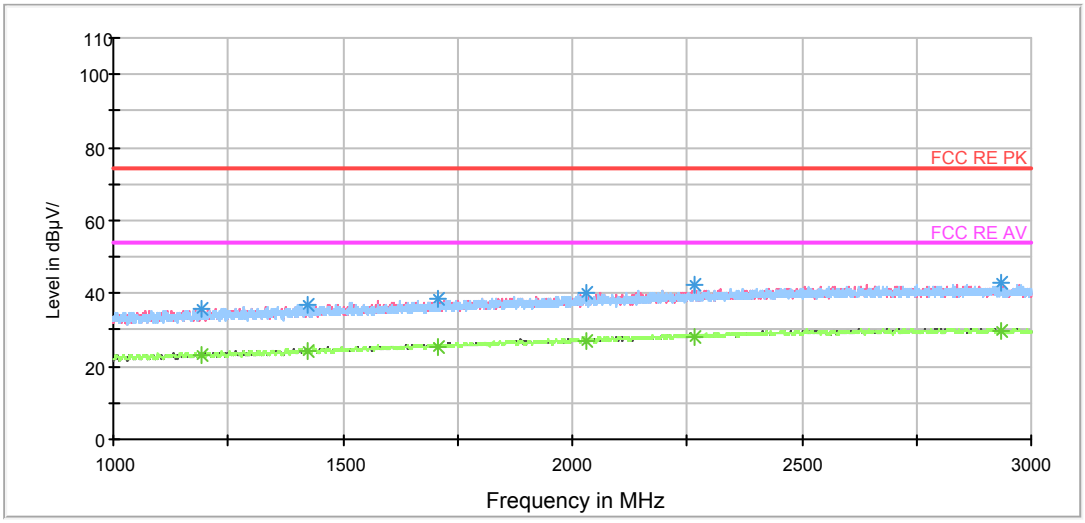
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1192.750000	35.6	100.0	V	0.0	43.9	-8.3	38.4	74
1424.500000	36.8	100.0	V	358.0	43.7	-6.9	37.2	74
1708.250000	38.3	100.0	H	89.0	43.6	-5.3	35.7	74
2031.500000	40.4	100.0	V	0.0	43.8	-3.4	33.6	74
2268.000000	42.1	100.0	H	0.0	44.0	-1.9	31.9	74
2934.000000	42.8	100.0	H	198.0	43.3	-0.5	31.2	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)
1192.750000	23.3	100.0	V	0.0	31.6	-8.3	30.7	54
1424.500000	24.3	100.0	V	358.0	31.2	-6.9	29.7	54
1708.250000	25.4	100.0	H	89.0	30.7	-5.3	28.6	54
2031.500000	26.9	100.0	V	0.0	30.3	-3.4	27.1	54
2268.000000	28.2	100.0	H	0.0	30.1	-1.9	25.8	54
2934.000000	29.5	100.0	H	198.0	30.0	-0.5	24.5	54

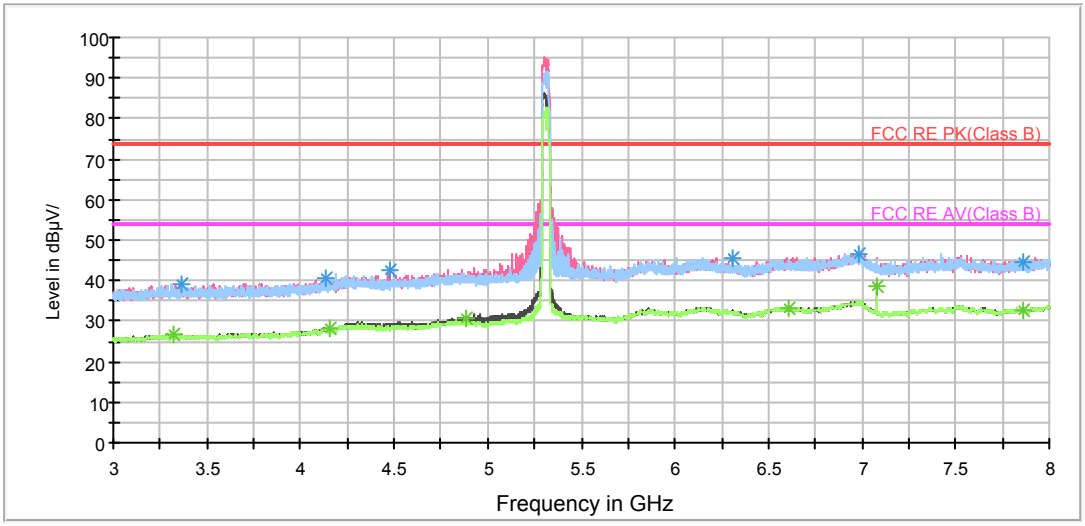
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 1GHz to 3GHz

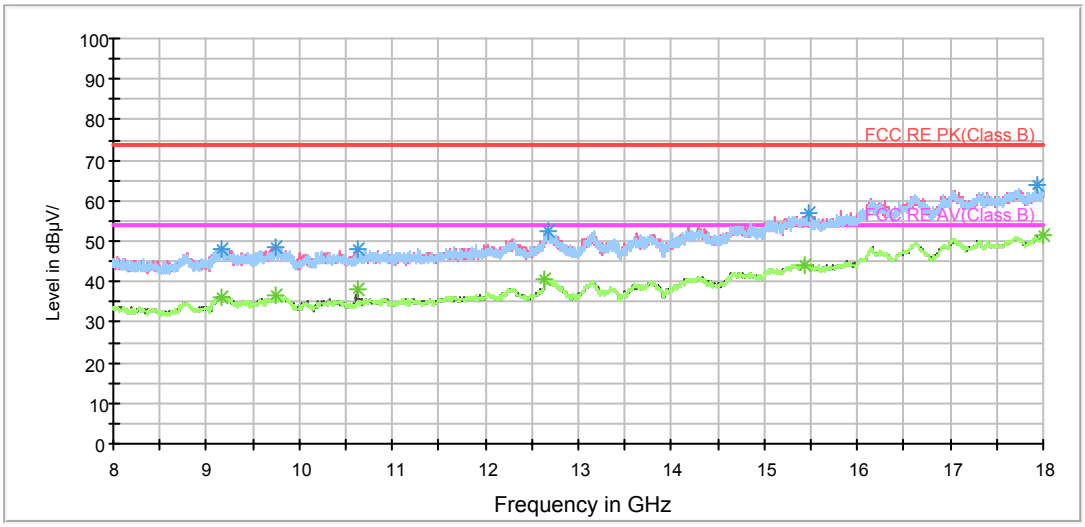
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

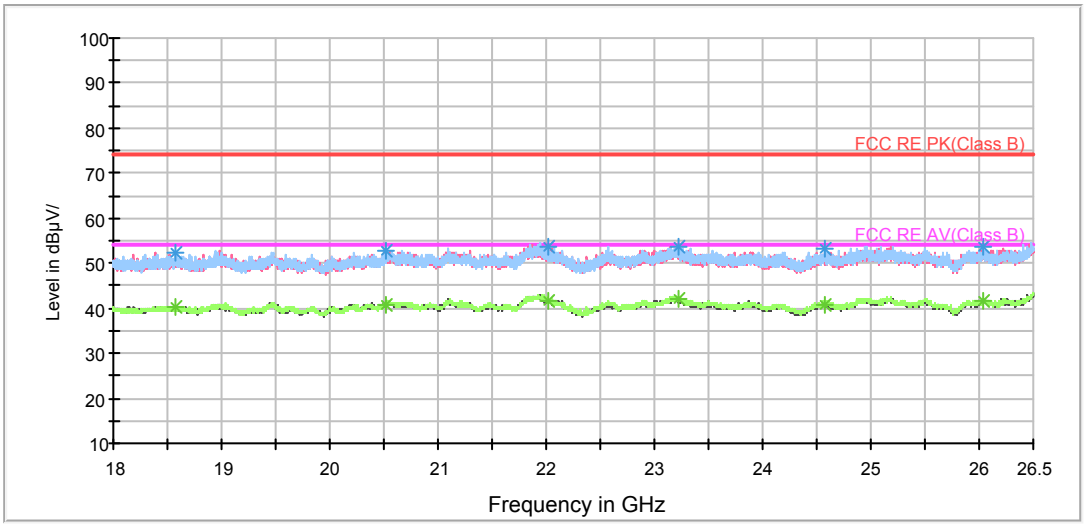
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



Radiates Emission from 8GHz to 18GHz

BELL_RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV

Radiates Emission from 26.5GHz to 40GHz

802.11ac (HT40) CH102

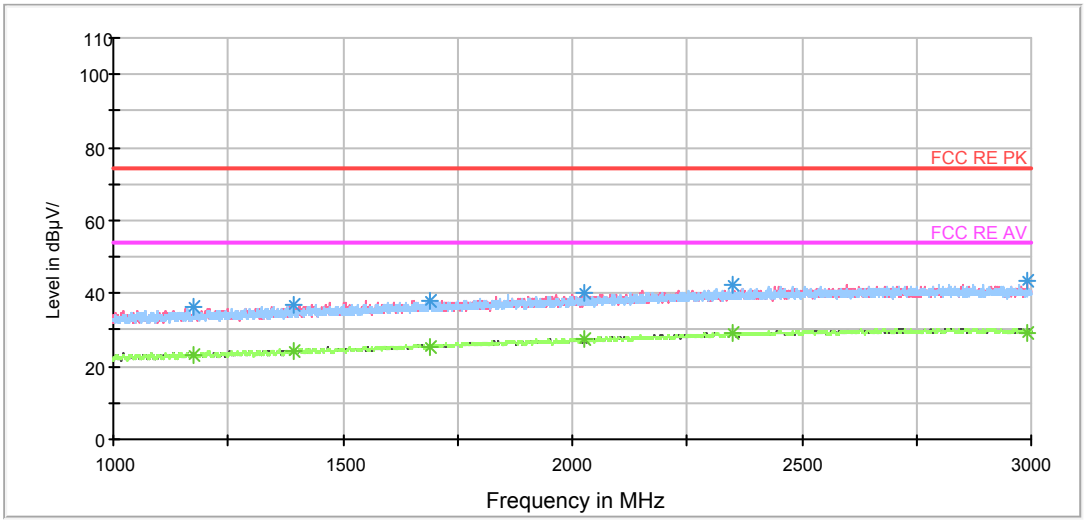
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1174.500000	36.1	100.0	H	157.0	44.5	-8.4	37.9	74
1394.750000	37.0	100.0	H	86.0	44.0	-7.0	37.0	74
1689.750000	38.2	100.0	V	178.0	43.6	-5.4	35.8	74
2028.250000	39.9	100.0	V	0.0	43.3	-3.4	34.1	74
2348.500000	42.3	100.0	H	178.0	43.8	-1.5	31.7	74
2989.750000	43.6	100.0	V	268.0	44.1	-0.5	30.4	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)
1174.500000	22.9	100.0	H	157.0	31.3	-8.4	31.1	54
1394.750000	24.1	100.0	H	86.0	31.1	-7.0	29.9	54
1689.750000	25.5	100.0	V	178.0	30.9	-5.4	28.5	54
2028.250000	27.3	100.0	V	0.0	30.7	-3.4	26.7	54
2348.500000	29.0	100.0	H	178.0	30.5	-1.5	25.0	54
2989.750000	29.4	100.0	V	268.0	29.9	-0.5	24.6	54

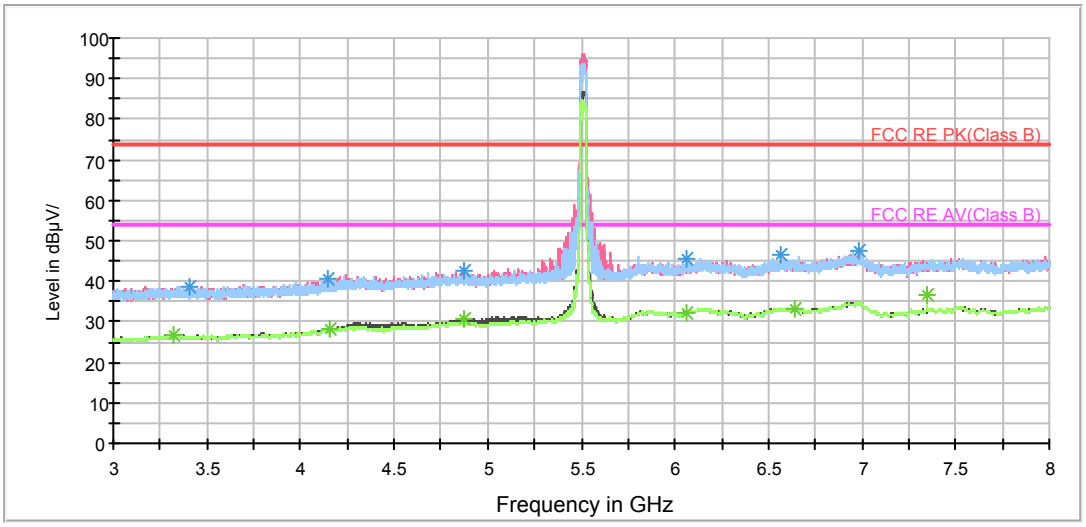
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

FCC RE 1G-18GHz PK+AV Class B



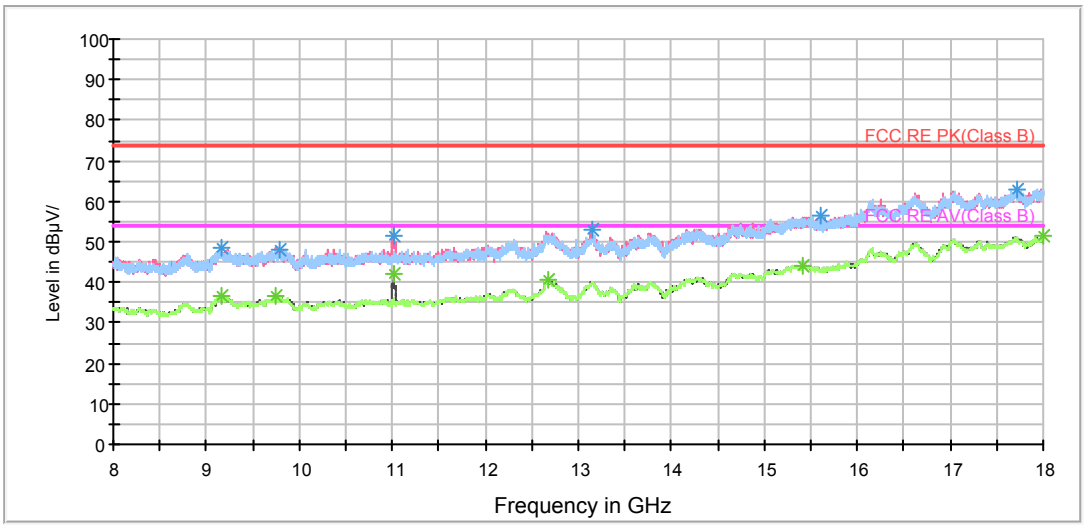
Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



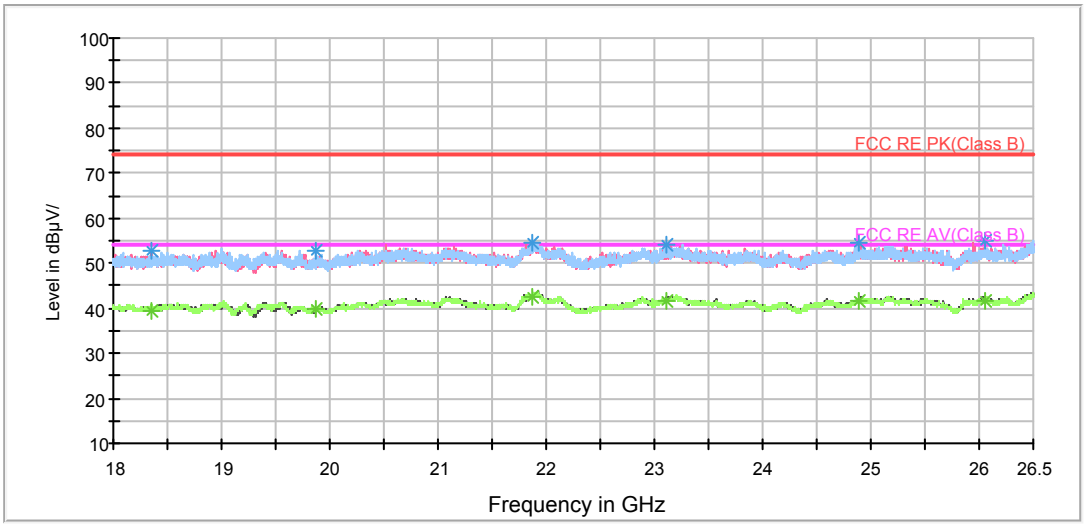
Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



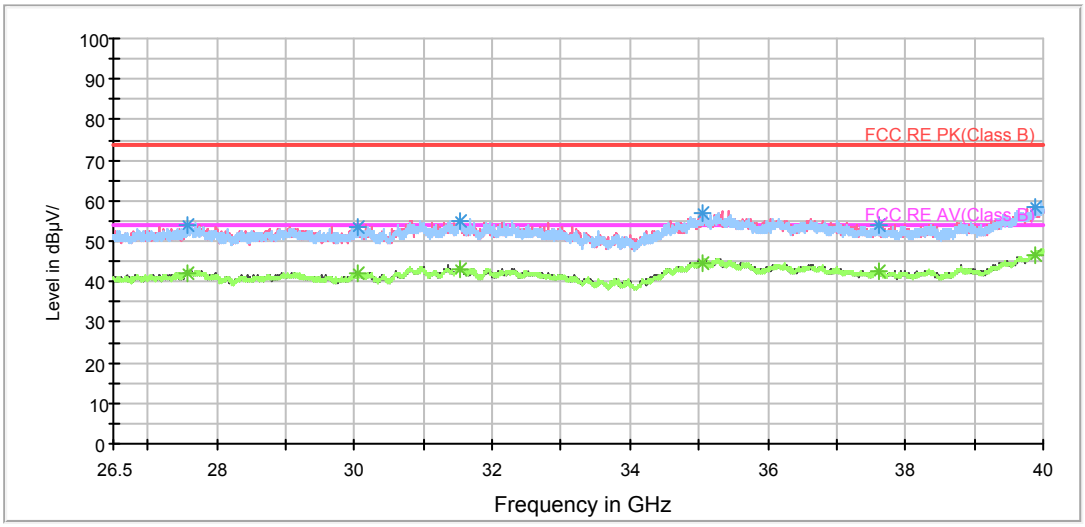
Radiates Emission from 8GHz to 18GHz

BELL_RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

802.11ac (HT40) CH118

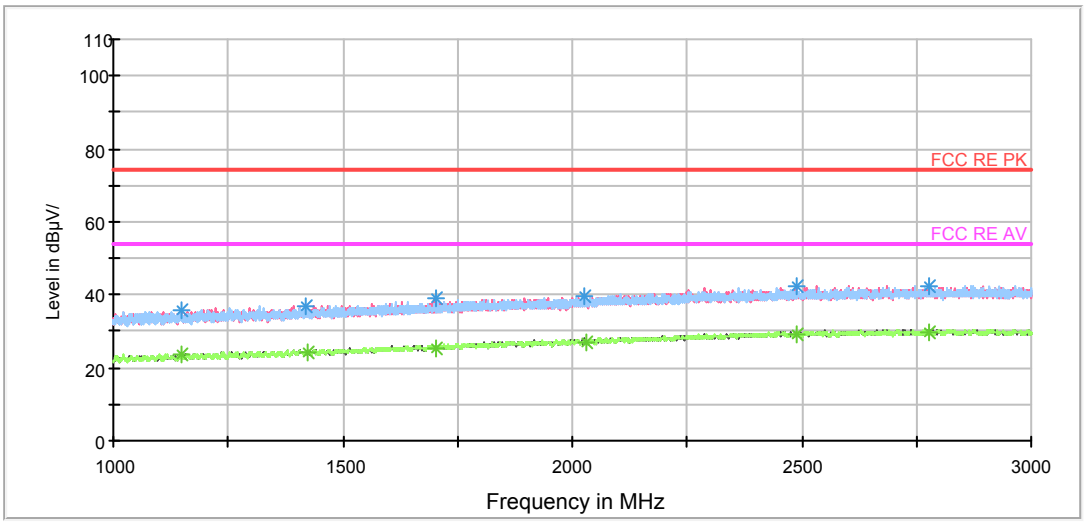
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1147.000000	35.8	100.0	V	214.0	44.3	-8.5	38.2	74
1420.250000	36.7	100.0	H	15.0	43.6	-6.9	37.3	74
1702.750000	38.8	100.0	V	304.0	44.1	-5.3	35.2	74
2027.500000	39.8	100.0	V	193.0	43.2	-3.4	34.2	74
2490.000000	42.6	100.0	V	348.0	43.5	-0.9	31.4	74
2778.000000	42.5	100.0	H	74.0	43.0	-0.5	31.5	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)
1147.000000	23.5	100.0	V	214.0	32.0	-8.5	30.5	54
1425.000000	24.1	100.0	H	281.0	31.0	-6.9	29.9	54
1702.750000	25.3	100.0	V	304.0	30.6	-5.3	28.7	54
2031.250000	26.9	100.0	H	0.0	30.3	-3.4	27.1	54
2490.000000	29.1	100.0	V	348.0	30.0	-0.9	24.9	54
2778.000000	29.7	100.0	H	74.0	30.2	-0.5	24.3	54

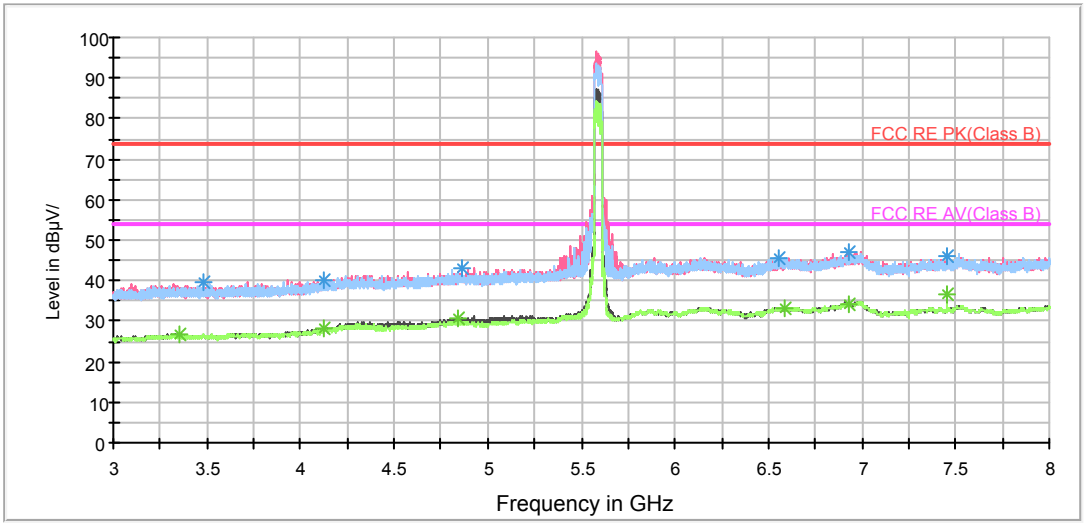
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 1GHz to 3GHz

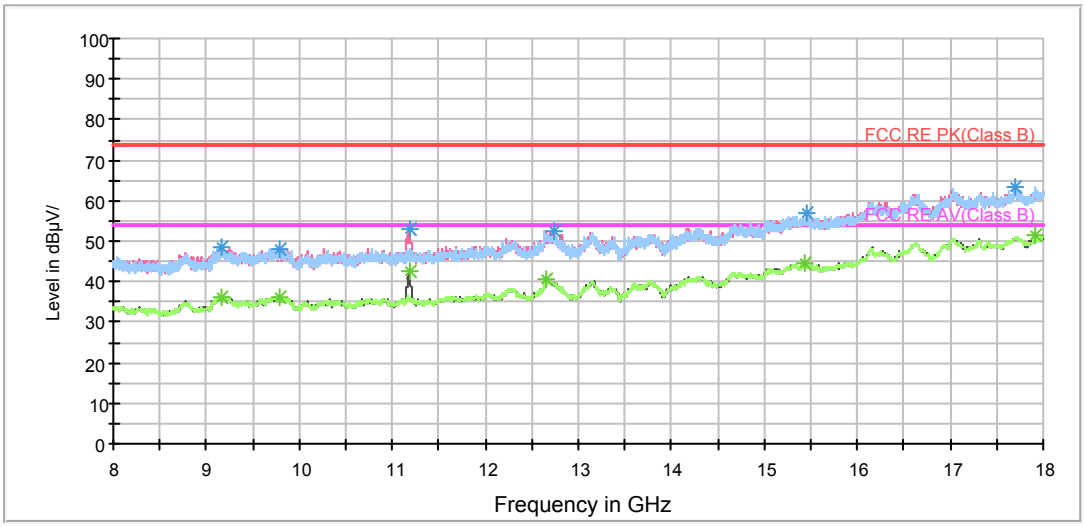
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

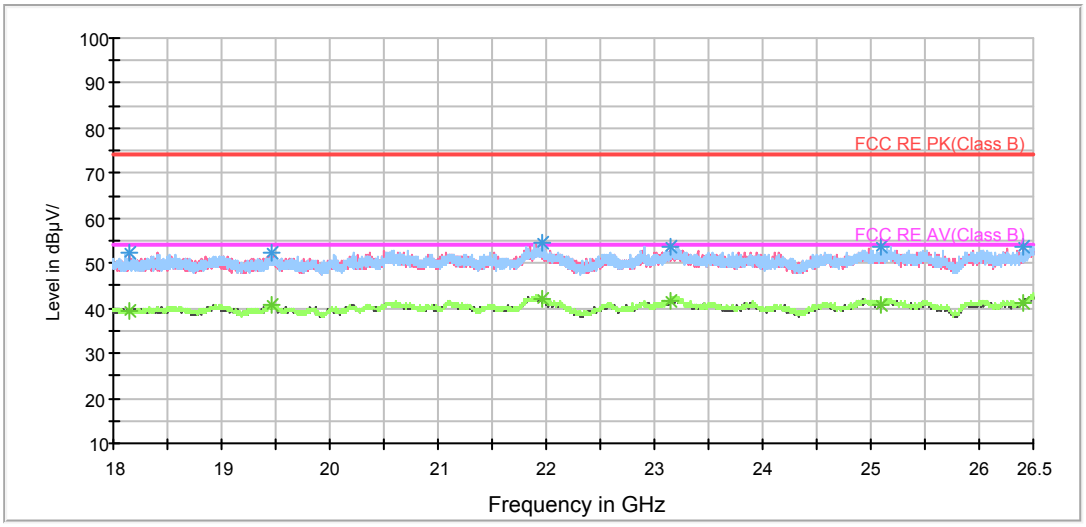
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



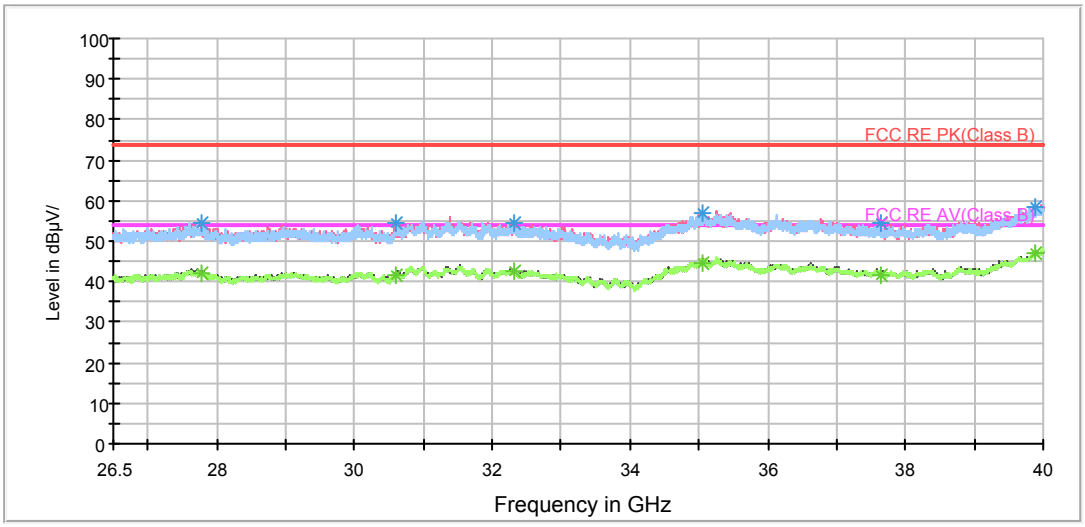
Radiates Emission from 8GHz to 18GHz

BELL_RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

802.11ac (HT40) CH134

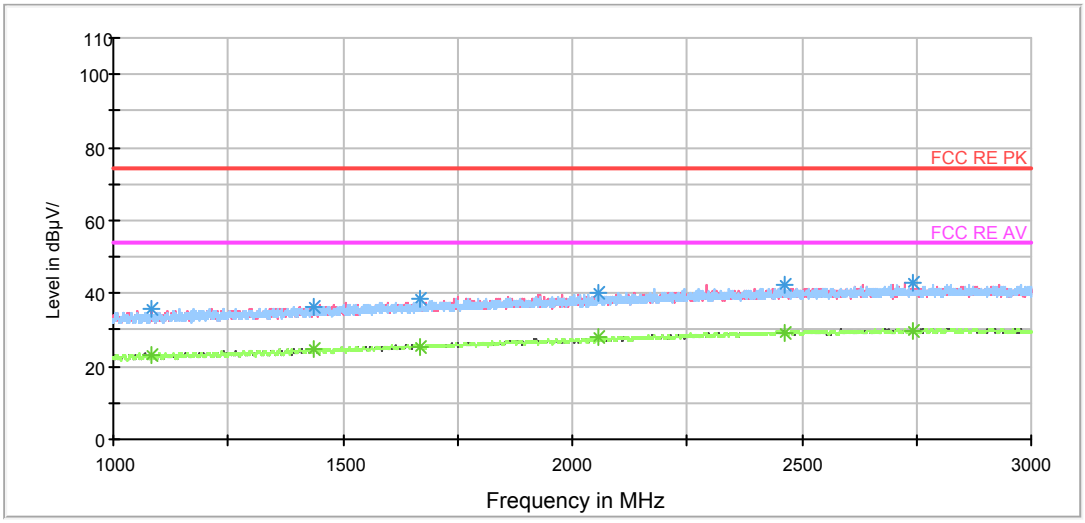
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1081.750000	35.7	100.0	V	78.0	44.5	-8.8	38.3	74
1438.250000	36.4	100.0	H	29.0	43.1	-6.7	37.6	74
1668.750000	38.4	100.0	V	315.0	43.8	-5.4	35.6	74
2058.500000	39.9	100.0	V	334.0	43.0	-3.1	34.1	74
2462.000000	42.4	100.0	H	20.0	43.5	-1.1	31.6	74
2740.500000	42.9	100.0	V	305.0	43.5	-0.6	31.1	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)
1081.750000	22.8	100.0	V	78.0	31.6	-8.8	31.2	54
1438.250000	24.6	100.0	H	29.0	31.3	-6.7	29.4	54
1668.750000	25.5	100.0	V	315.0	30.9	-5.4	28.5	54
2058.500000	27.9	100.0	V	334.0	31.0	-3.1	26.1	54
2462.000000	29.1	100.0	H	20.0	30.2	-1.1	24.9	54
2740.500000	29.6	100.0	V	305.0	30.2	-0.6	24.4	54

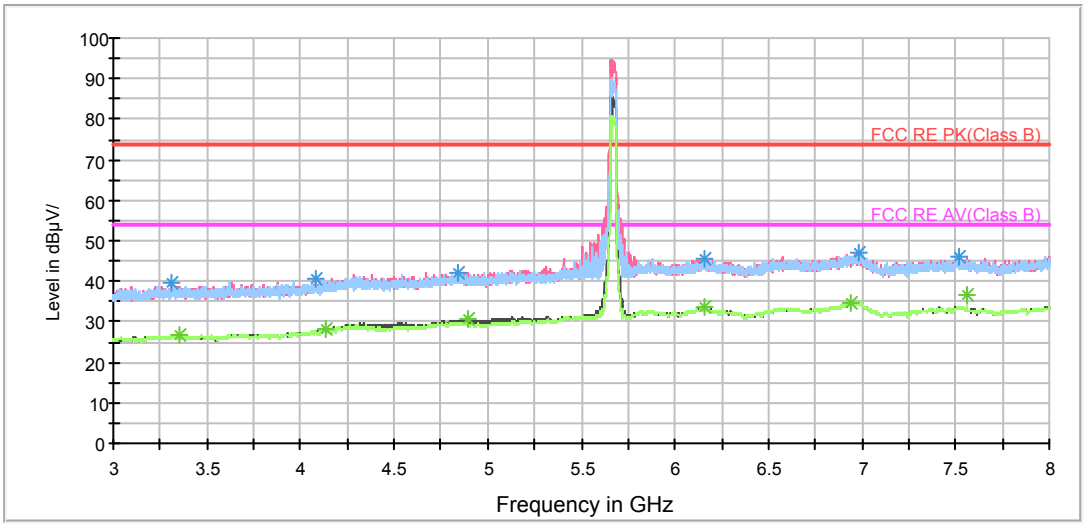
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

FCC RE 1G-18GHz PK+AV Class B



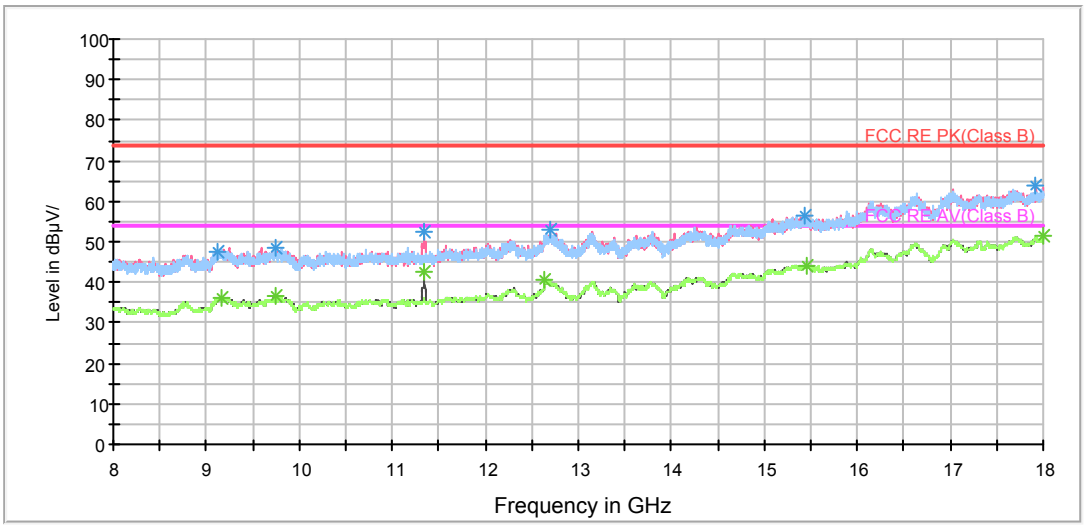
Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



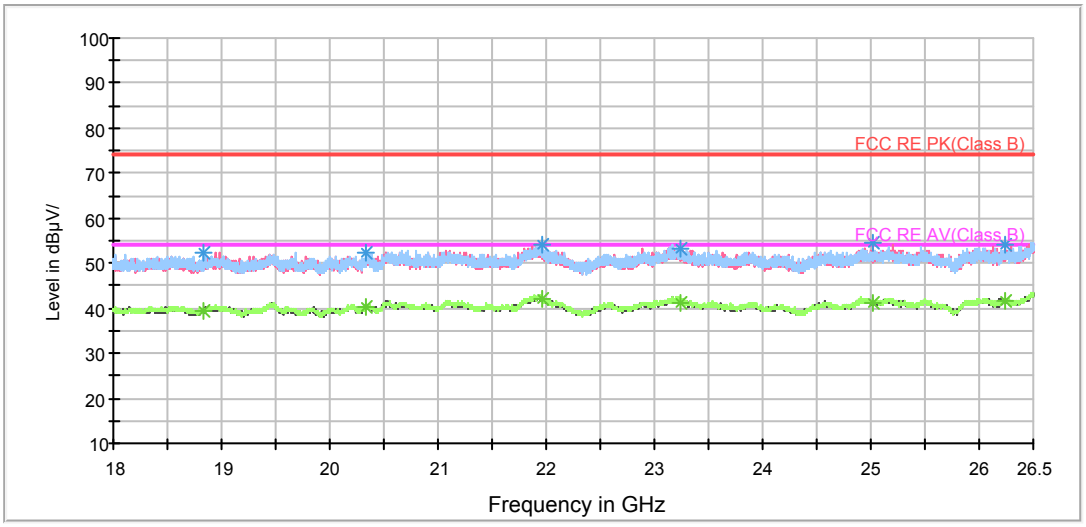
Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



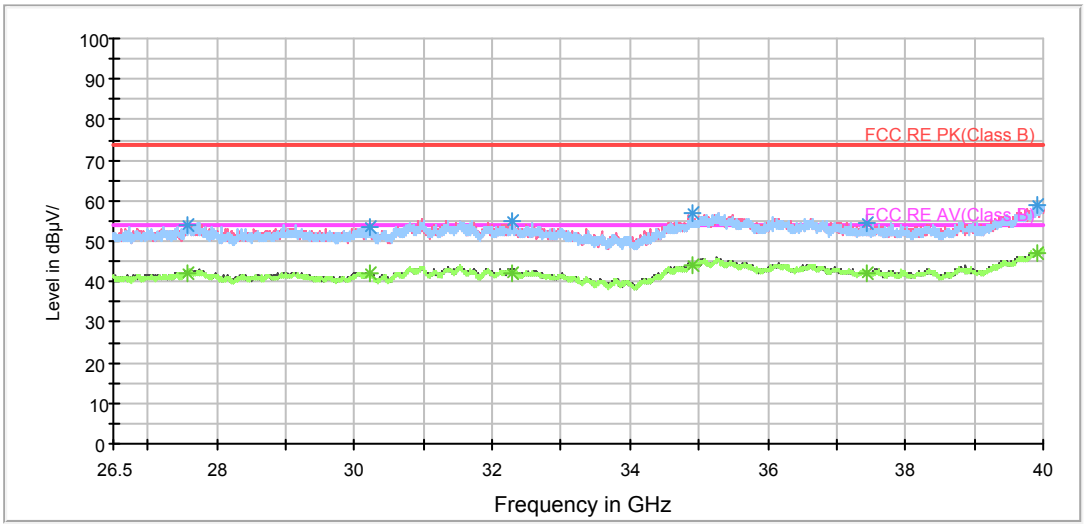
Radiates Emission from 8GHz to 18GHz

BELL_RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

802.11ac (HT80) CH42

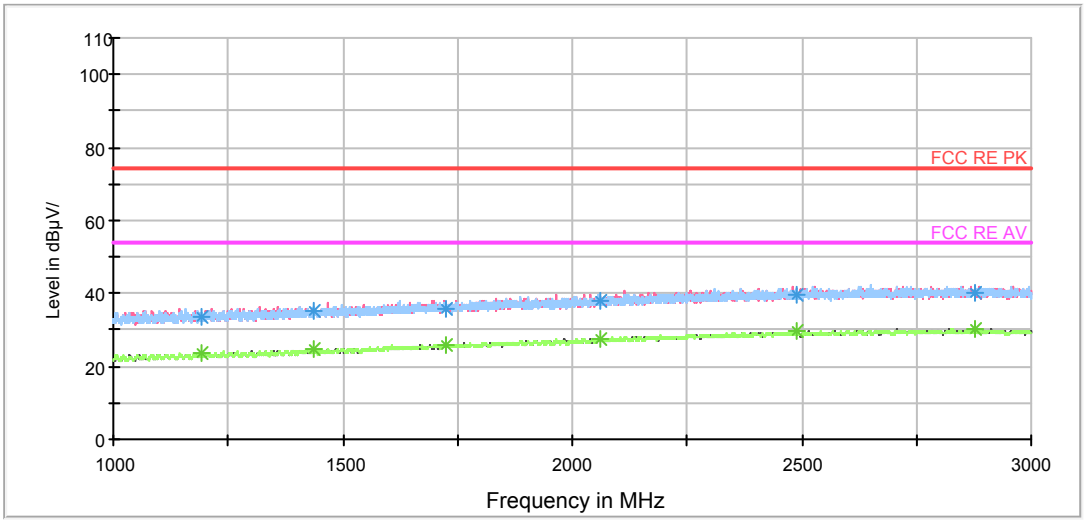
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1192.500000	33.5	100.0	V	268.0	41.8	-8.3	40.5	74
1438.750000	35.2	100.0	H	138.0	41.9	-6.7	38.8	74
1726.250000	35.7	100.0	H	149.0	40.8	-5.1	38.3	74
2059.500000	37.9	100.0	V	188.0	41.0	-3.1	36.1	74
2487.500000	39.8	100.0	H	59.0	40.7	-0.9	34.2	74
2876.500000	40.4	100.0	V	0.0	40.8	-0.4	33.6	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)
1192.500000	23.5	100.0	V	268.0	31.8	-8.3	30.5	54
1438.750000	24.7	100.0	H	138.0	31.4	-6.7	29.3	54
1726.250000	26.1	100.0	H	149.0	31.2	-5.1	27.9	54
2059.500000	27.7	100.0	V	188.0	30.8	-3.1	26.3	54
2487.500000	29.4	100.0	H	59.0	30.3	-0.9	24.6	54
2876.500000	30.3	100.0	V	0.0	30.7	-0.4	23.7	54

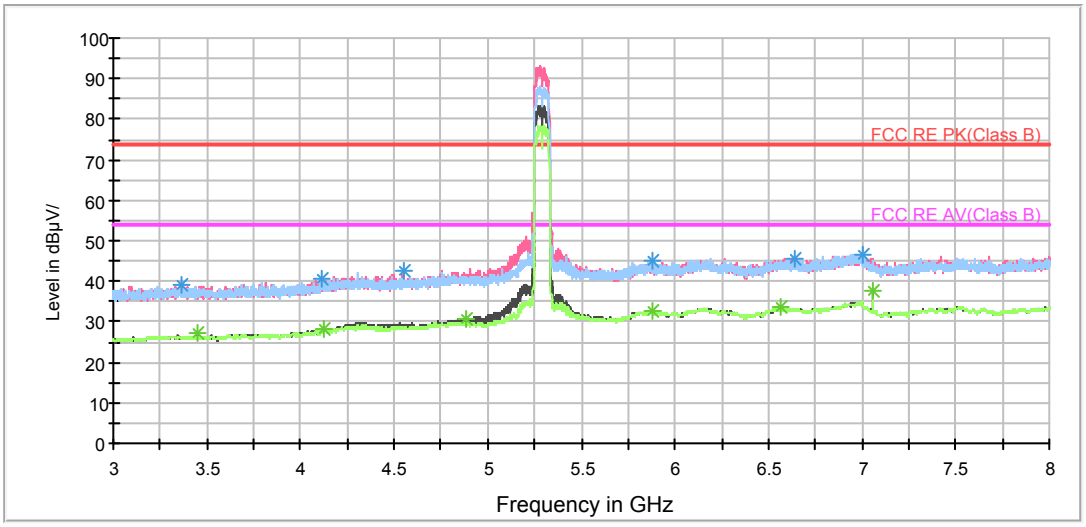
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

FCC RE 1G-18GHz PK+AV Class B



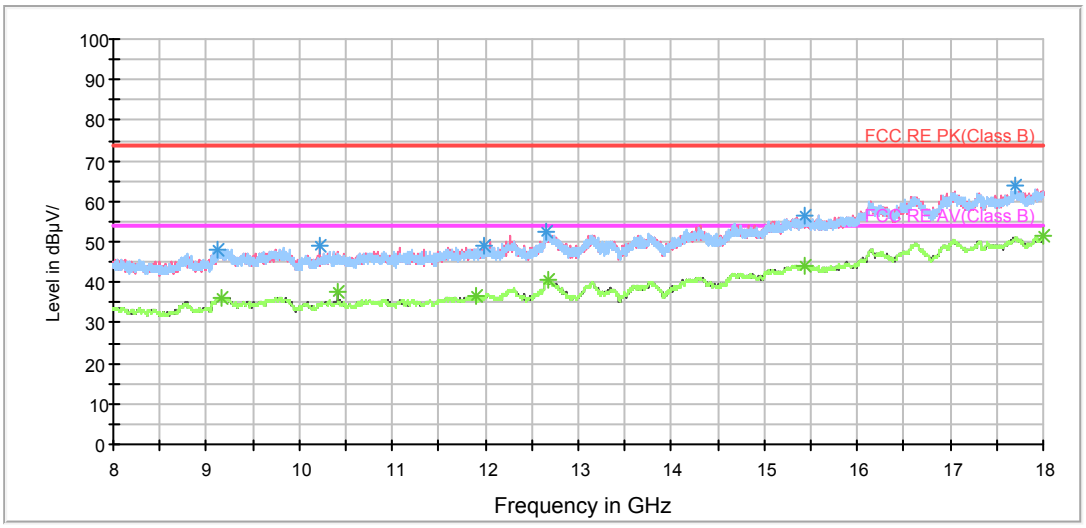
Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



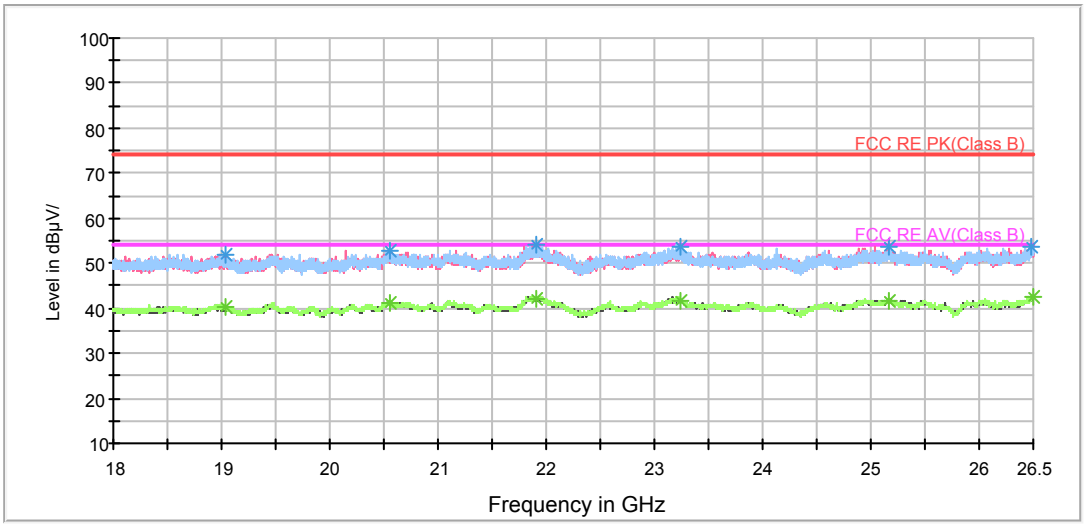
Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



Radiates Emission from 8GHz to 18GHz

BELL_RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV

Radiates Emission from 26.5GHz to 40GHz

802.11ac (HT80) CH58

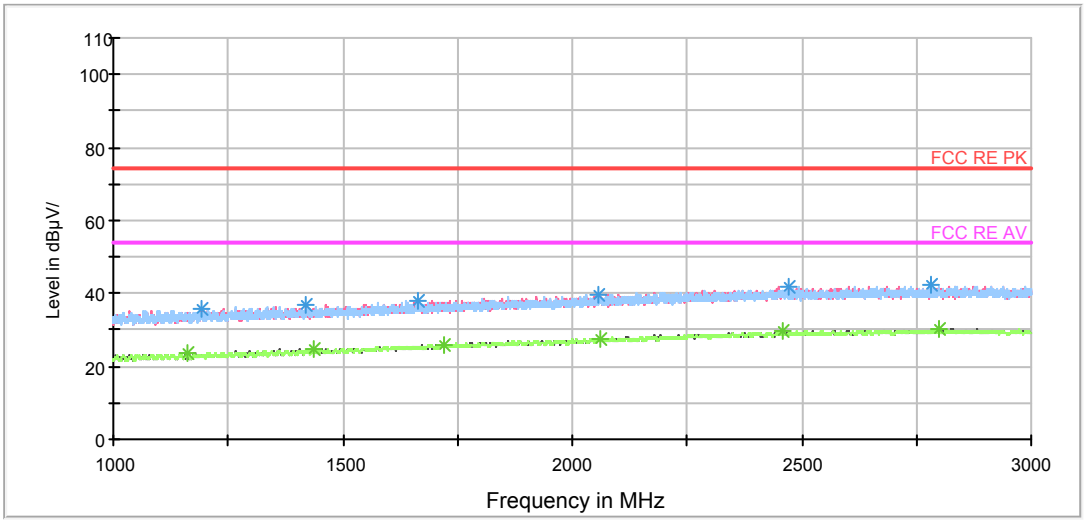
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1191.750000	35.6	100.0	V	270.0	43.9	-8.3	38.4	74
1421.250000	36.9	100.0	V	331.0	43.8	-6.9	37.1	74
1662.250000	38.0	100.0	V	110.0	43.5	-5.5	36.0	74
2058.000000	39.8	100.0	V	301.0	42.9	-3.1	34.2	74
2472.750000	41.9	100.0	V	340.0	42.9	-1.0	32.1	74
2781.250000	42.2	100.0	H	66.0	42.7	-0.5	31.8	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1160.500000	23.5	100.0	H	218.0	31.9	-8.4	30.5	54
1436.500000	24.7	100.0	V	320.0	31.5	-6.8	29.3	54
1719.000000	26.0	100.0	H	126.0	31.2	-5.2	28.0	54
2061.250000	27.7	100.0	V	320.0	30.7	-3.0	26.3	54
2458.750000	29.4	100.0	H	167.0	30.5	-1.1	24.6	54
2800.250000	30.0	100.0	V	348.0	30.6	-0.6	24.0	54

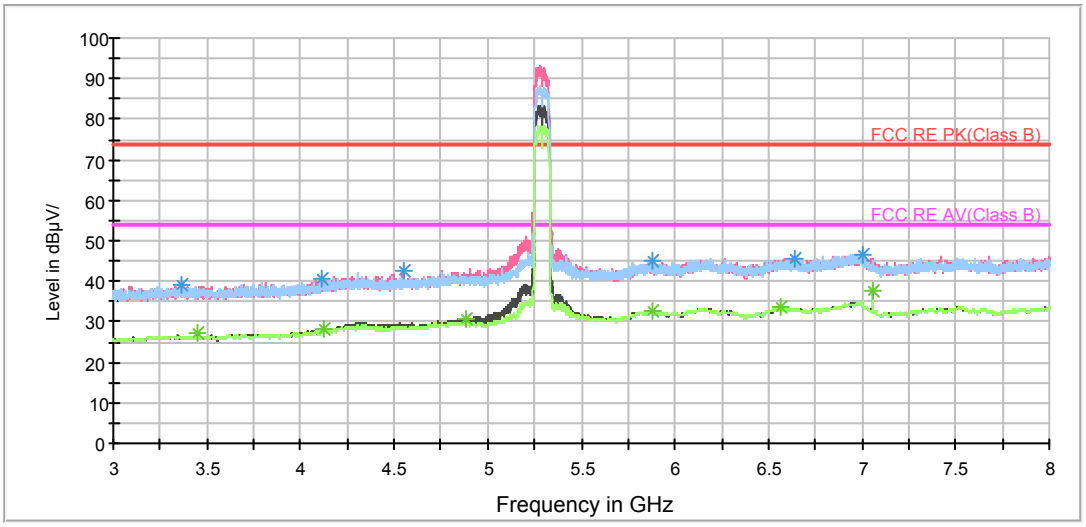
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

FCC RE 1G-18GHz PK+AV Class B



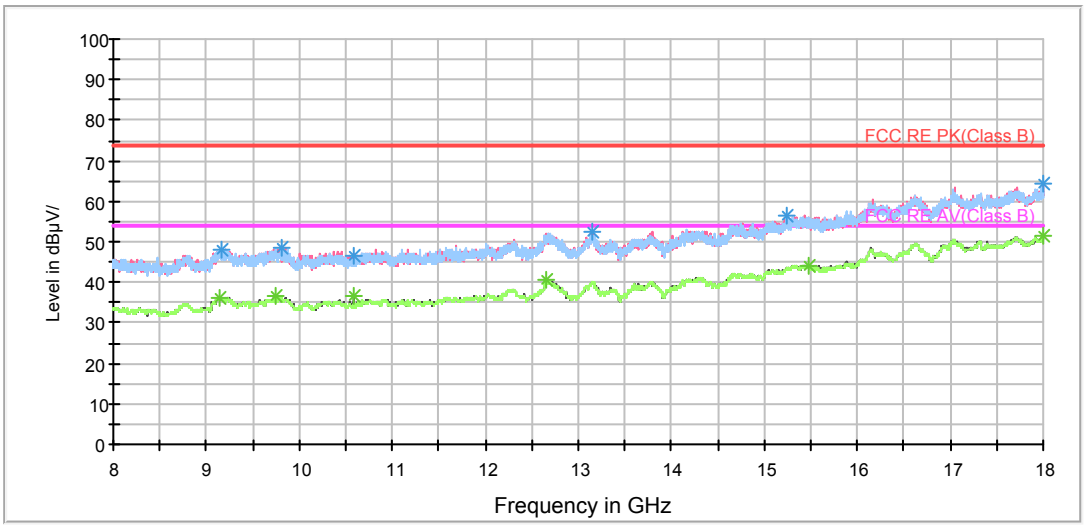
Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



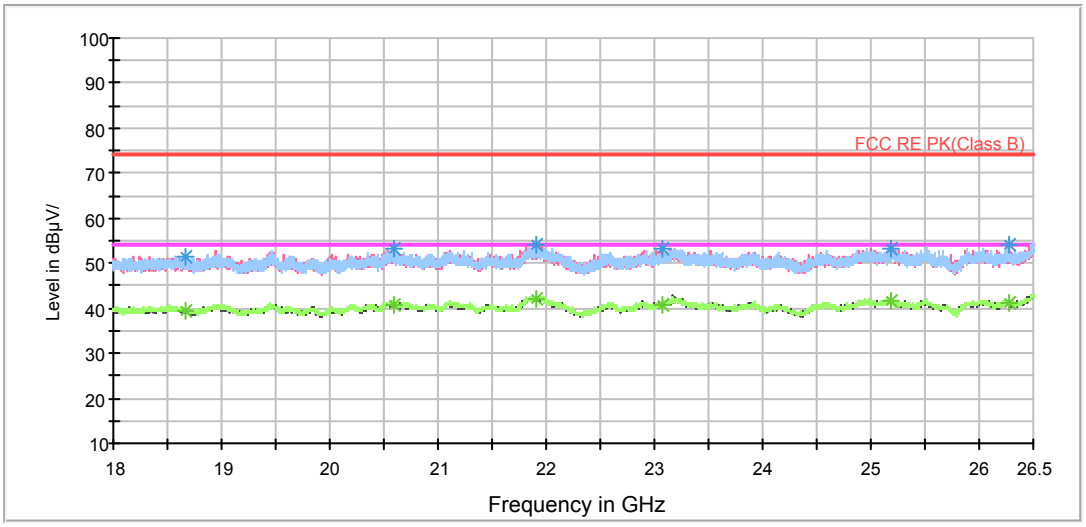
Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



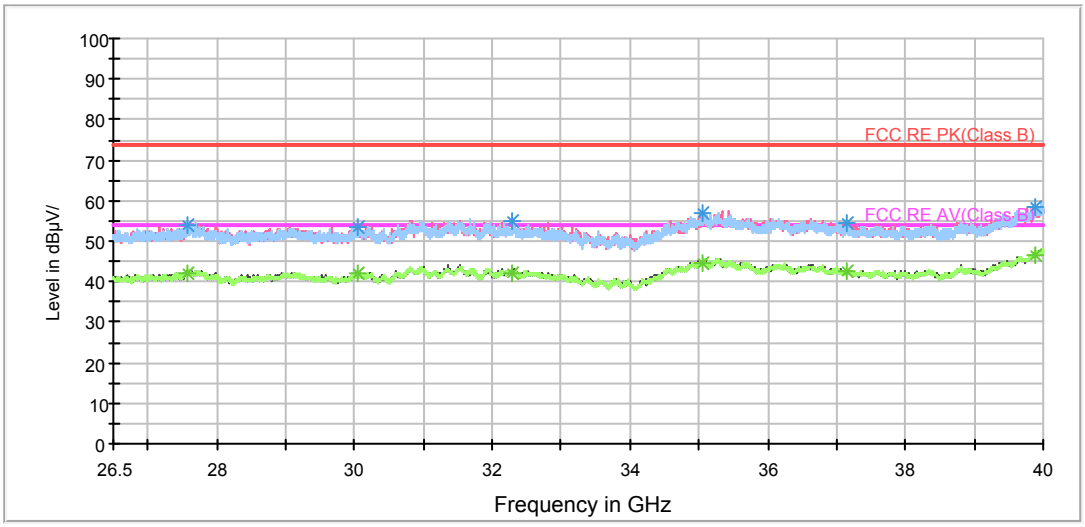
Radiates Emission from 8GHz to 18GHz

BELL_RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

802.11ac (HT80) CH106

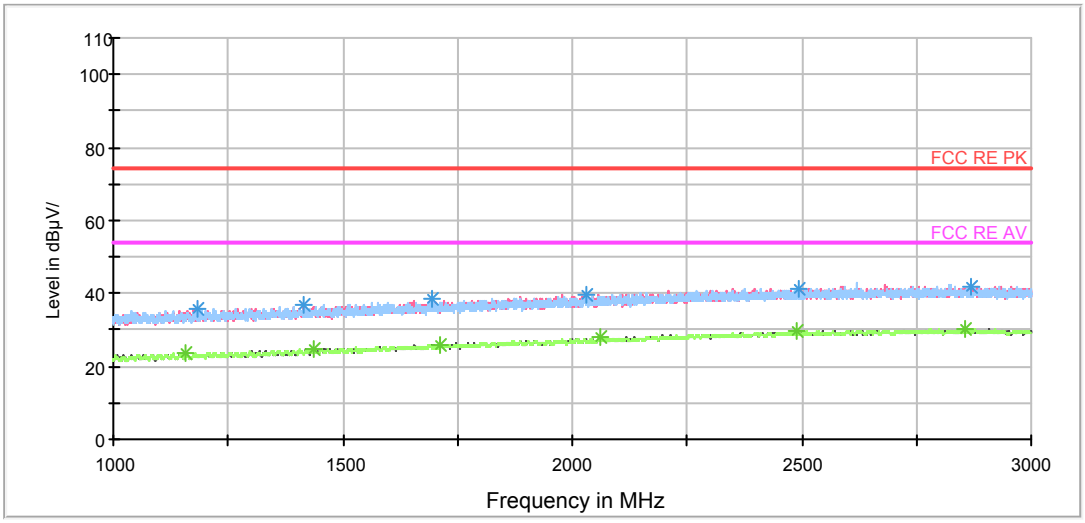
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1185.000000	35.9	100.0	H	4.0	44.2	-8.3	38.1	74
1413.000000	36.9	100.0	V	129.0	43.8	-6.9	37.1	74
1693.000000	38.3	100.0	V	0.0	43.6	-5.3	35.7	74
2031.750000	39.9	100.0	H	294.0	43.3	-3.4	34.1	74
2493.500000	41.4	100.0	H	1.0	42.3	-0.9	32.6	74
2867.000000	41.7	100.0	V	88.0	42.0	-0.3	32.3	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1159.250000	23.5	100.0	H	13.0	31.9	-8.4	30.5	54
1436.750000	24.8	100.0	V	303.0	31.6	-6.8	29.2	54
1712.250000	26.0	100.0	V	0.0	31.2	-5.2	28.0	54
2059.500000	28.0	100.0	H	80.0	31.1	-3.1	26.0	54
2488.750000	29.5	100.0	V	150.0	30.4	-0.9	24.5	54
2857.250000	30.1	100.0	V	0.0	30.5	-0.4	23.9	54

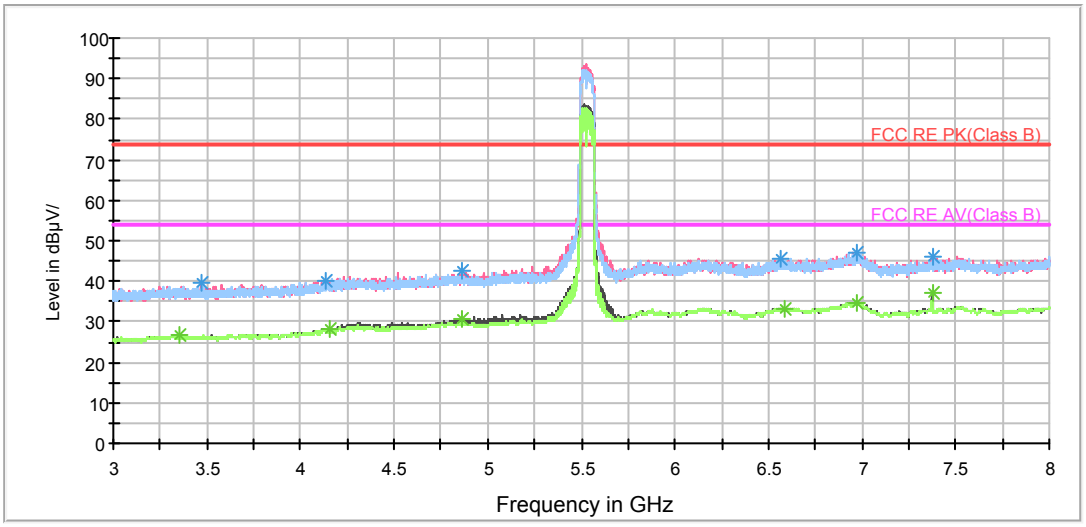
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

FCC RE 1G-18GHz PK+AV Class B



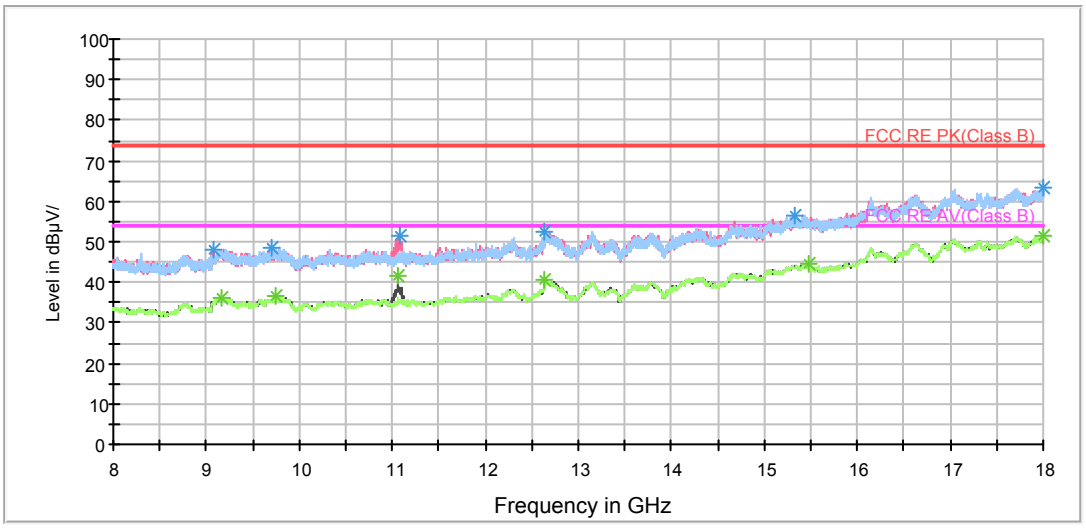
Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



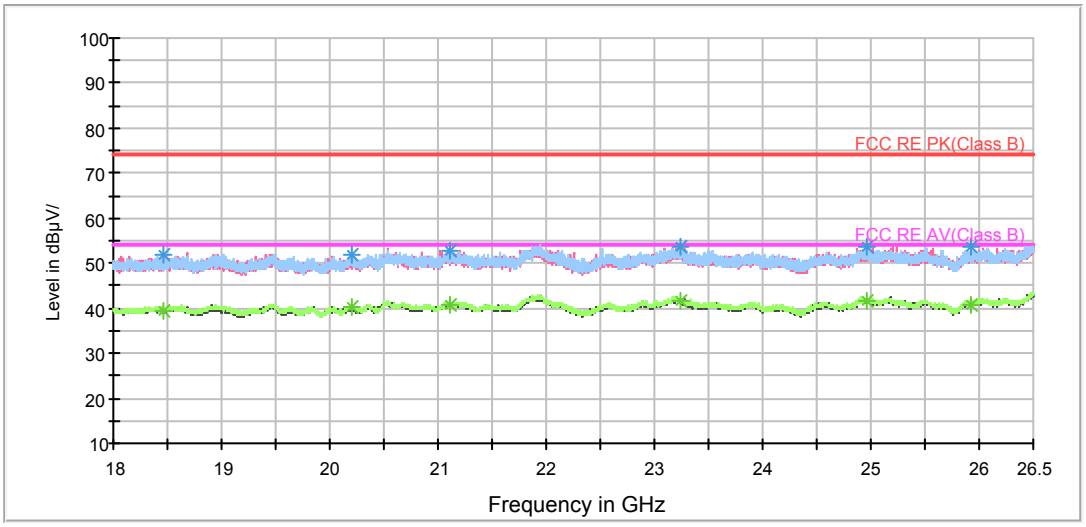
Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



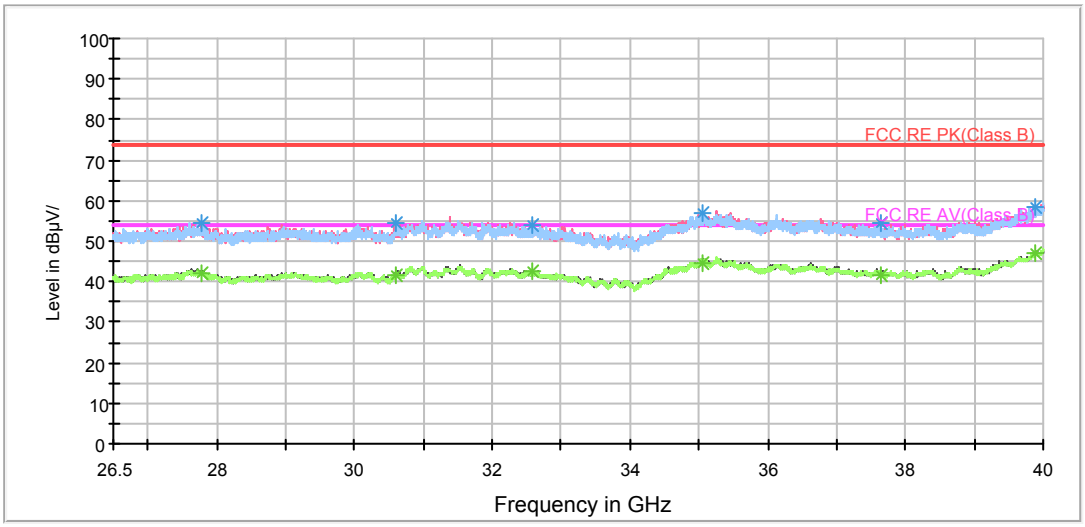
Radiates Emission from 8GHz to 18GHz

BELL_RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

802.11ac (HT80) CH122

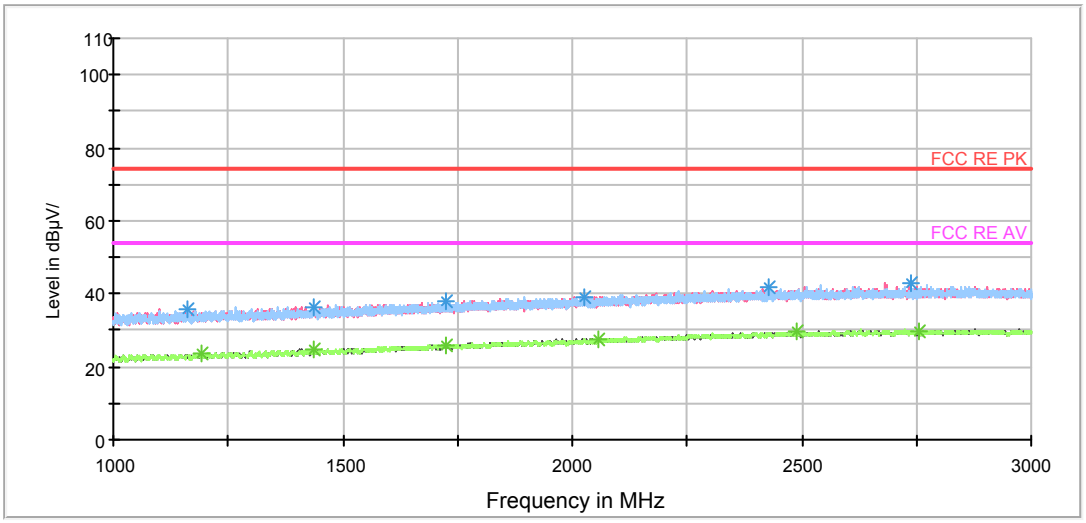
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1161.500000	35.6	100.0	H	0.0	44.0	-8.4	38.4	74
1436.500000	36.6	100.0	V	32.0	43.4	-6.8	37.4	74
1725.750000	37.9	100.0	V	335.0	43.0	-5.1	36.1	74
2025.500000	39.2	100.0	H	328.0	42.6	-3.4	34.8	74
2427.250000	41.7	100.0	H	316.0	42.9	-1.2	32.3	74
2739.500000	42.7	100.0	H	77.0	43.3	-0.6	31.3	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)
1192.750000	23.5	100.0	V	216.0	31.8	-8.3	30.5	54
1437.750000	24.8	100.0	H	97.0	31.5	-6.7	29.2	54
1723.250000	25.9	100.0	H	8.0	31.0	-5.1	28.1	54
2057.500000	27.8	100.0	H	251.0	30.9	-3.1	26.2	54
2489.000000	29.5	100.0	H	220.0	30.4	-0.9	24.5	54
2757.500000	29.7	100.0	H	37.0	30.3	-0.6	24.3	54

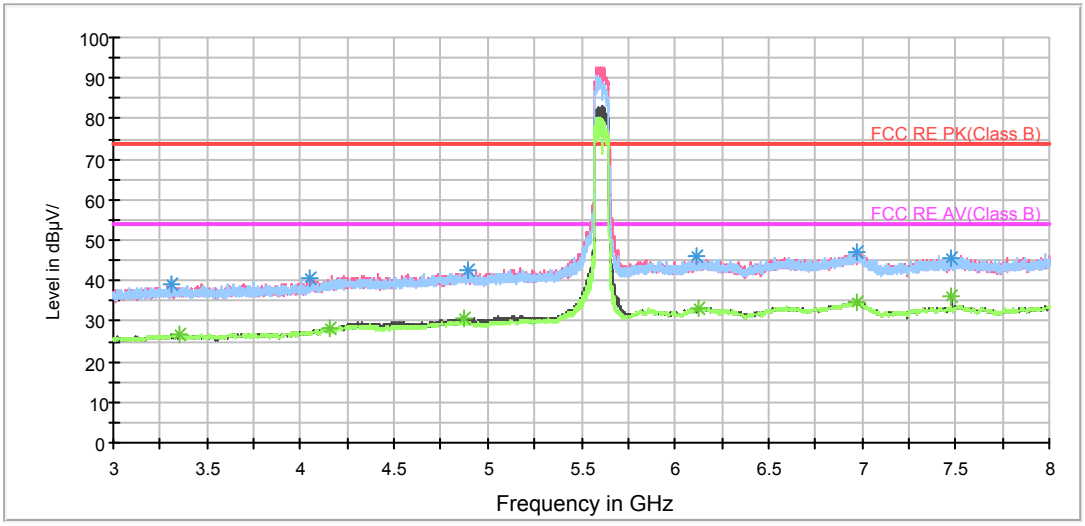
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 1GHz to 3GHz

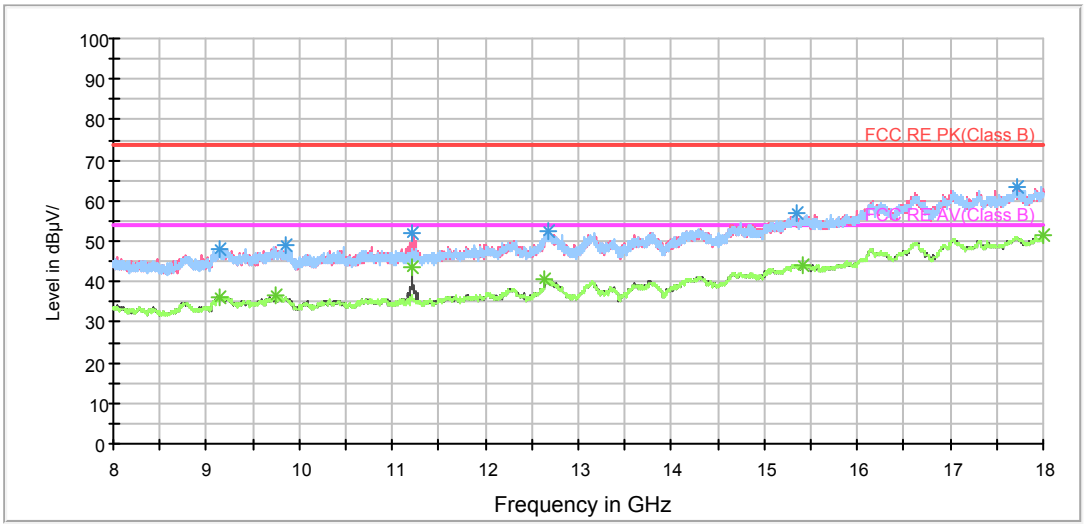
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

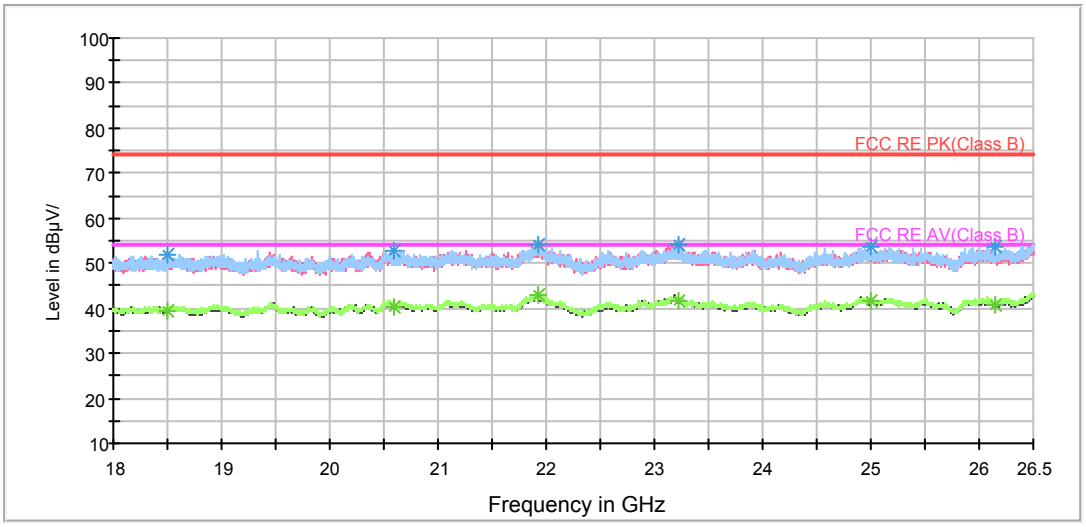
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



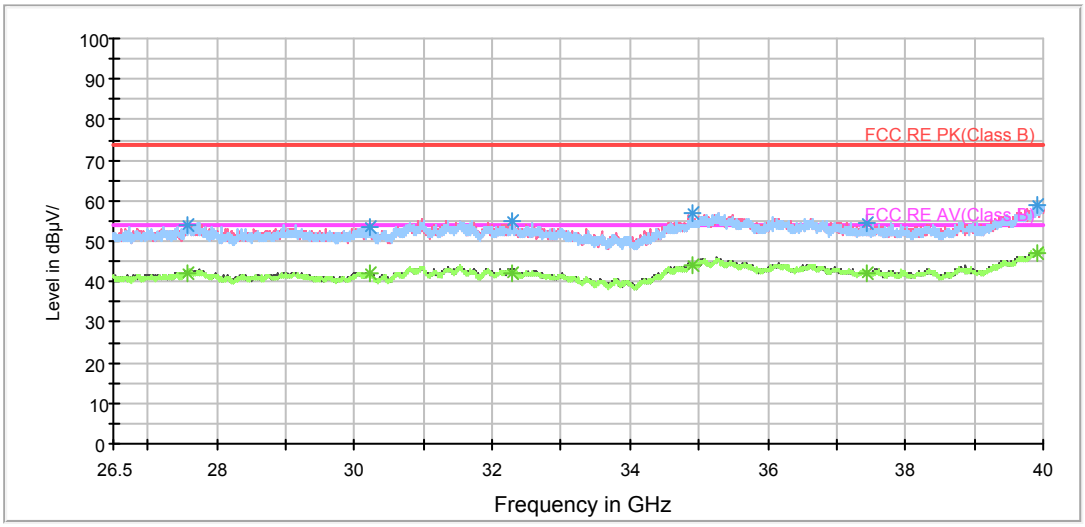
Radiates Emission from 8GHz to 18GHz

BELL_RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

802.11ac (HT80) CH138

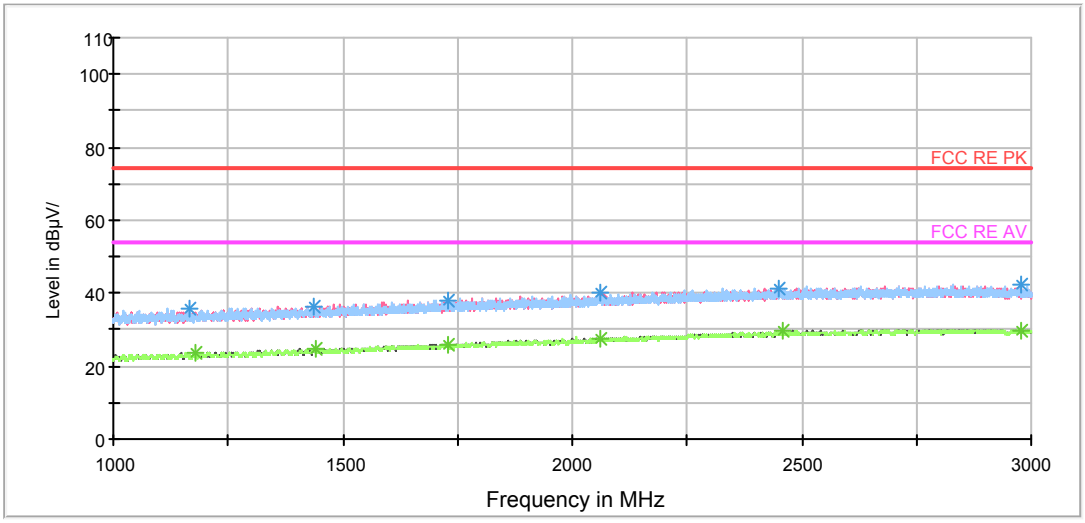
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1167.250000	35.8	100.0	H	0.0	44.2	-8.4	38.2	74
1437.000000	36.1	100.0	H	219.0	42.9	-6.8	37.9	74
1729.000000	38.1	100.0	V	261.0	43.2	-5.1	35.9	74
2059.500000	40.2	100.0	V	201.0	43.3	-3.1	33.8	74
2451.000000	41.5	100.0	V	261.0	42.6	-1.1	32.5	74
2977.750000	42.3	100.0	H	5.0	42.7	-0.4	31.7	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1177.500000	23.4	100.0	H	74.0	31.8	-8.4	30.6	54
1439.000000	24.6	100.0	H	251.0	31.3	-6.7	29.4	54
1731.250000	26.1	100.0	H	15.0	31.1	-5.0	27.9	54
2061.250000	27.7	100.0	V	311.0	30.7	-3.0	26.3	54
2457.000000	29.5	100.0	H	154.0	30.6	-1.1	24.5	54
2976.250000	30.0	100.0	V	201.0	30.4	-0.4	24.0	54

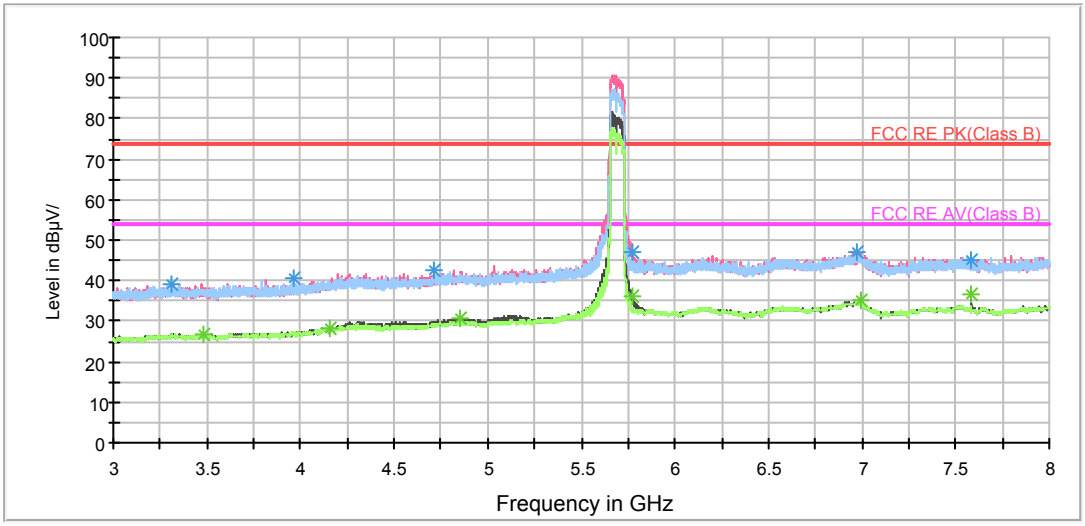
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 1GHz to 3GHz

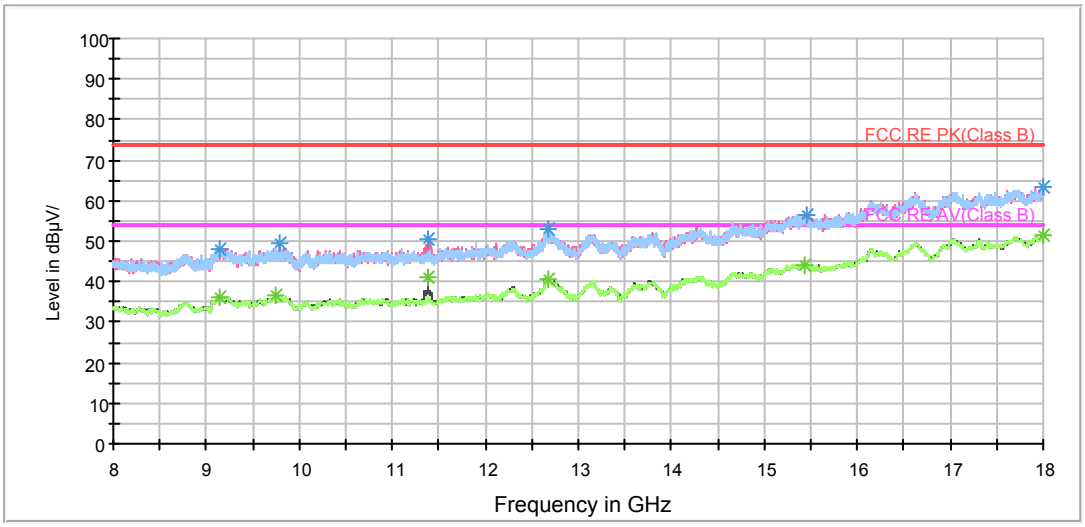
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

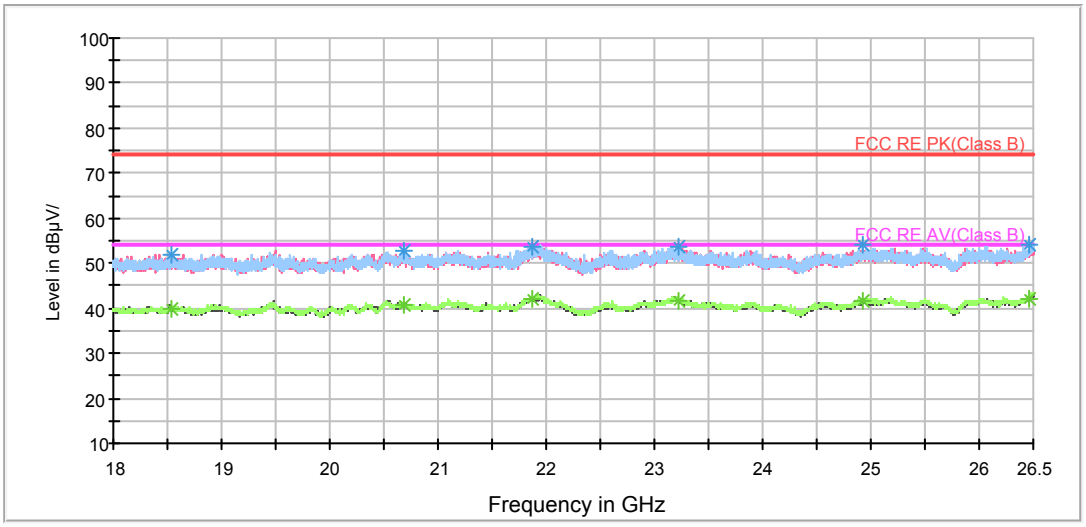
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



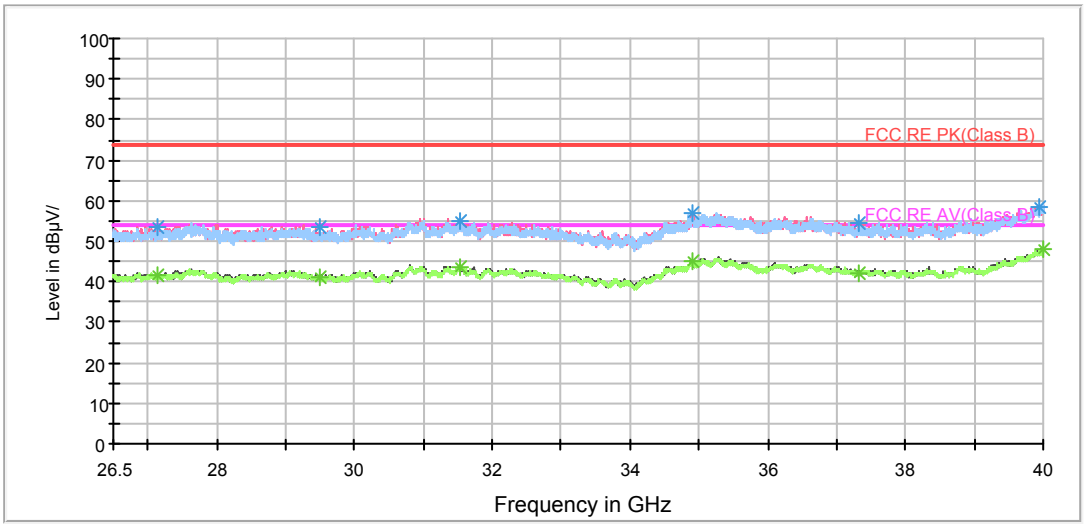
Radiates Emission from 8GHz to 18GHz

BELL_RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

5.6. Conducted Emission

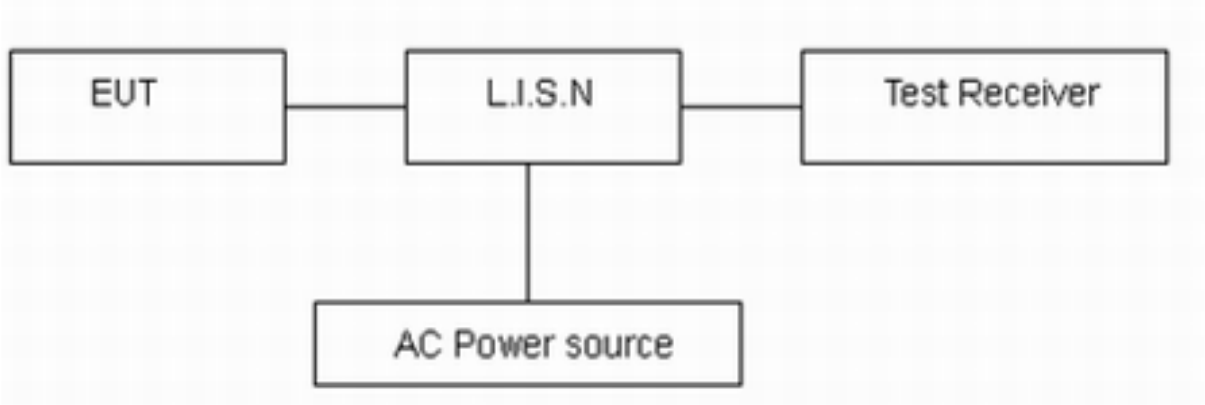
Ambient condition

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

Methods of Measurement

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

Test Setup



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

Limits

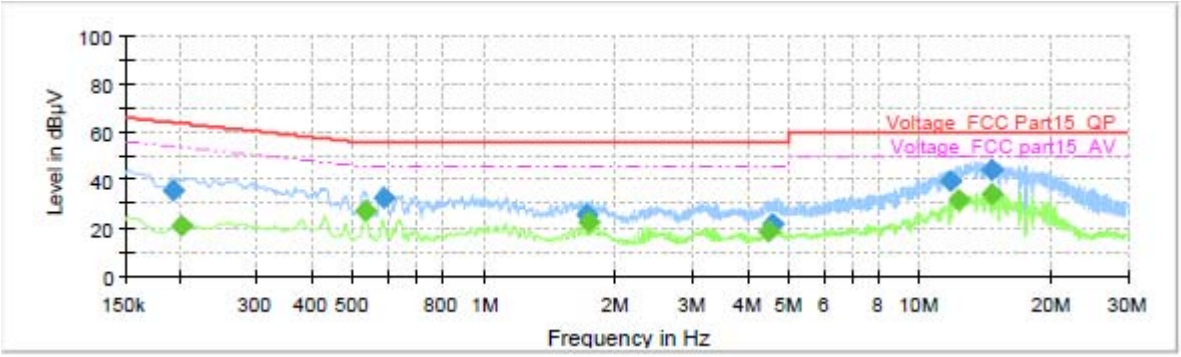
Frequency (MHz)	Conducted Limits(dBμV)	
	Quasi-peak	Average
0.15 - 0.5	66 to 56 *	56 to 46*
0.5 - 5	56	46
5 - 30	60	50
*: Decreases with the logarithm of the frequency.		

Measurement Uncertainty

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

Test Results:

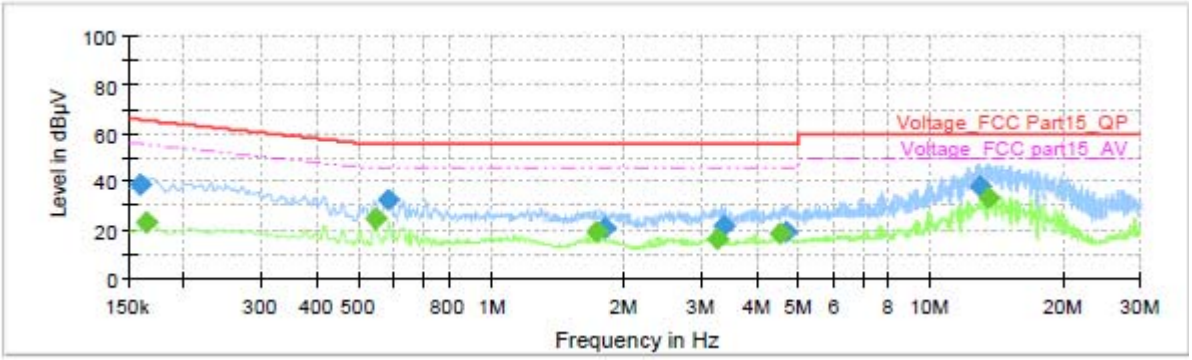
Following plots, Blue trace uses the peak detection and Green trace uses the average detection. During the test, the Conducted Emission was performed in all modes with all channels, 802.11a, Channel 36 are selected as the worst condition. The test data of the worst-case condition was recorded in this report.



Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.192750	35.95	---	63.92	27.97	1000.0	9.000	L1	ON	19.2
0.201750	---	21.08	53.54	32.46	1000.0	9.000	L1	ON	19.2
0.532500	---	27.21	46.00	18.79	1000.0	9.000	L1	ON	19.2
0.586500	32.74	---	56.00	23.26	1000.0	9.000	L1	ON	19.3
1.722750	25.51	---	56.00	30.49	1000.0	9.000	L1	ON	19.2
1.725000	---	22.33	46.00	23.67	1000.0	9.000	L1	ON	19.2
4.499250	---	18.63	46.00	27.37	1000.0	9.000	L1	ON	19.1
4.607250	21.92	---	56.00	34.08	1000.0	9.000	L1	ON	19.1
11.690250	39.17	---	60.00	20.83	1000.0	9.000	L1	ON	19.4
12.275250	---	31.64	50.00	18.36	1000.0	9.000	L1	ON	19.4
14.538750	44.08	---	60.00	15.92	1000.0	9.000	L1	ON	19.5
14.588250	---	33.85	50.00	16.16	1000.0	9.000	L1	ON	19.5

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	38.67	---	65.52	26.84	1000.0	9.000	N	ON	19.1
0.163500	---	22.98	55.28	32.30	1000.0	9.000	N	ON	19.1
0.541500	---	24.74	46.00	21.26	1000.0	9.000	N	ON	19.2
0.582000	32.86	---	56.00	23.14	1000.0	9.000	N	ON	19.3
1.727250	---	19.33	46.00	26.67	1000.0	9.000	N	ON	19.2
1.810500	20.99	---	56.00	35.01	1000.0	9.000	N	ON	19.2
3.279750	---	16.33	46.00	29.67	1000.0	9.000	N	ON	19.1
3.358500	22.02	---	56.00	33.98	1000.0	9.000	N	ON	19.1
4.539750	---	18.25	46.00	27.75	1000.0	9.000	N	ON	19.1
4.681500	19.21	---	56.00	36.79	1000.0	9.000	N	ON	19.1
12.916500	37.90	---	60.00	22.10	1000.0	9.000	N	ON	19.5
13.461000	---	33.18	50.00	16.82	1000.0	9.000	N	ON	19.5

N Line

6. Main Test Instruments

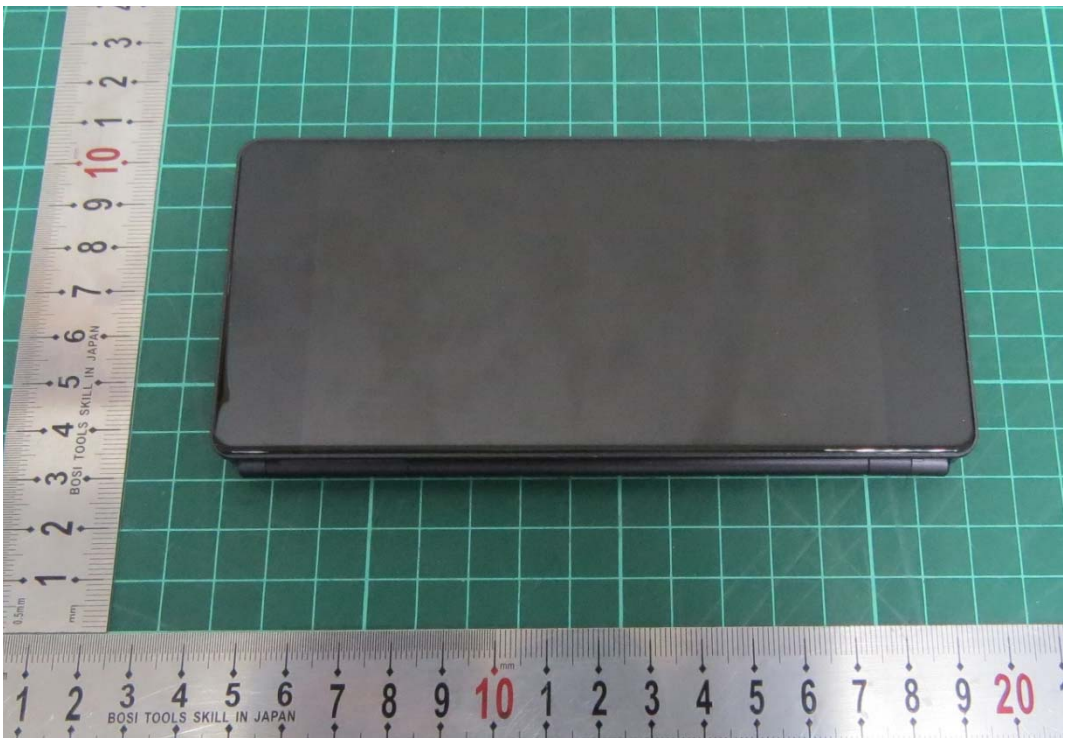
Name	Manufacturer	Type	Serial Number	Calibration Date	Expiration Time
Spectrum Analyzer	R&S	FSV40	15195-01-00	2017-05-14	2018-05-13
EMI Test Receiver	R&S	ESCI	100948	2017-05-20	2018-05-19
Loop Antenna	SCHWARZBECK	FMZB1519	1519-047	2017-02-18	2020-02-17
TRILOG Broadband Antenna	Schwarzbeck	VULB 9163	9163-201	2014-12-06	2017-12-05
Double Ridged Waveguide Horn Antenna	R&S	HF907	100126	2014-12-06	2017-12-05
Standard Gain Horn	ETS-Lindgren	3160-09	00102644	2015-01-30	2018-01-29
Standard Gain Horn	STEATITE	QSH-SL-26-40 -K-15	16779	2016-03-21	2019-03-20
Broadband Horn Antenna	Schwarzbeck	BBHA9170	MRTSUE06024	2016-11-24	2019-11-23
EMI Test Receiver	R&S	ESCS30	100138	2016-12-16	2017-12-15
LISN	R&S	ENV216	101171	2016-12-16	2017-12-15
Spectrum Analyzer	Agilent	N9010A	MY47191109	2017-05-20	2018-05-19
RF Cable	Agilent	SMA 15cm	0001	2017-08-04	2018-02-03
TEMPERATURE CHAMBER	ESPEC	SU-242	93000506	2016-12-27	2017-12-26

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

ANNEX A: EUT Appearance and Test Setup

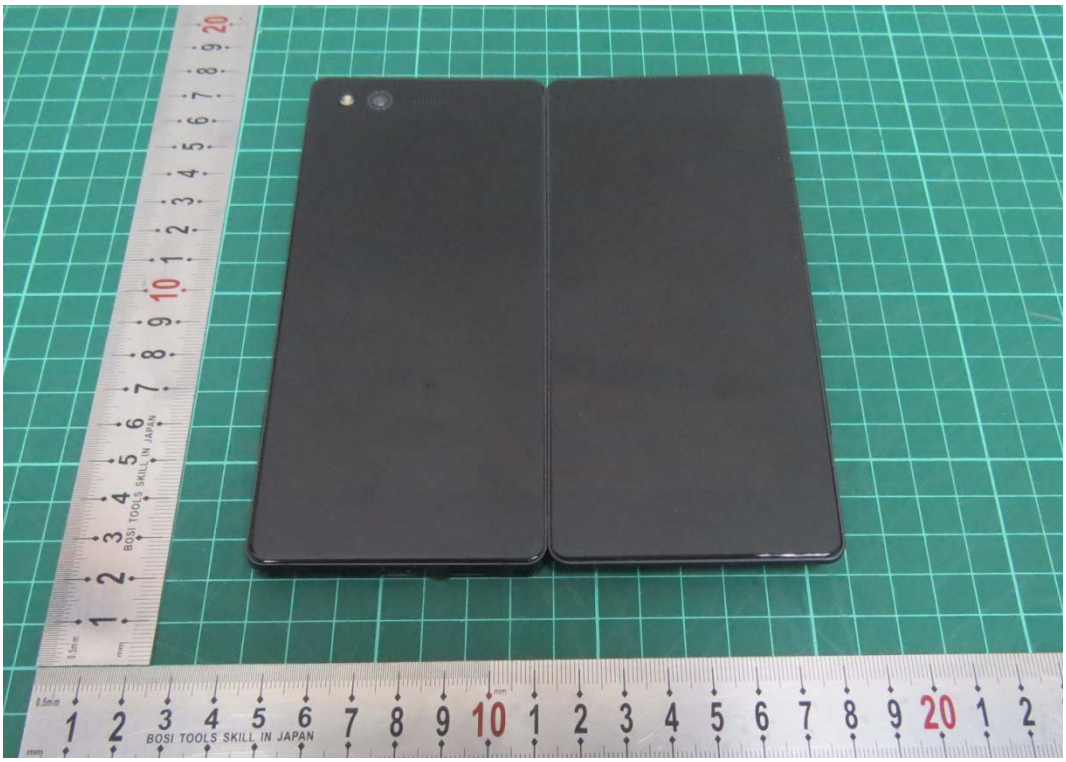
A.1 EUT Appearance

Front Side



Back Side

For Single Screen Mode



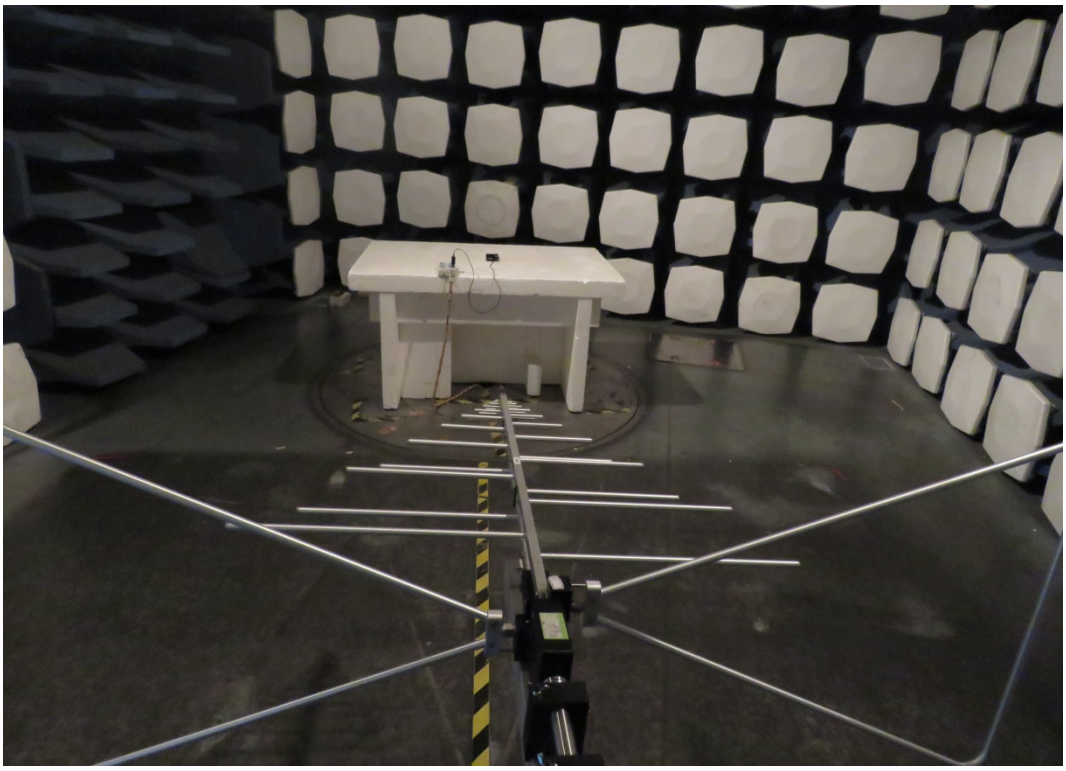
Front Side

Back Side

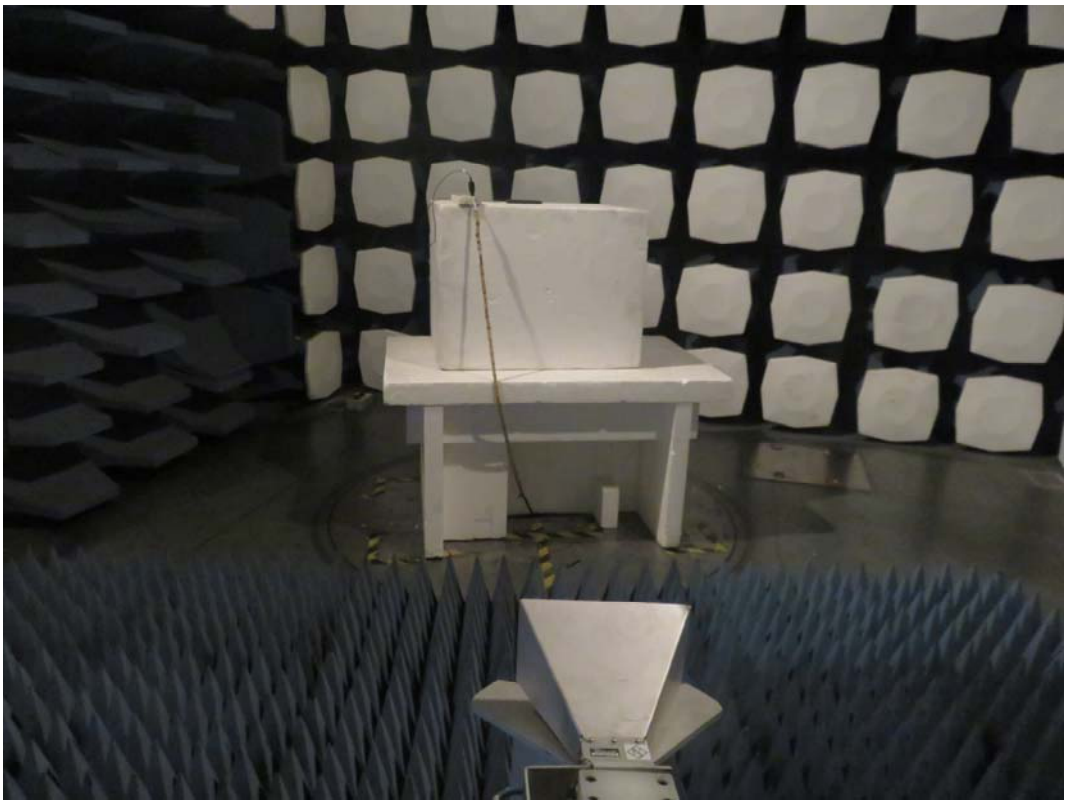
For Double Screen Mode

Picture 1 EUT

A.2 Test Setup



30MHz-1GHz



Above 1GHz

Picture 2 Radiated Emission Test Setup

Picture 3 Conducted Emission Test Setup