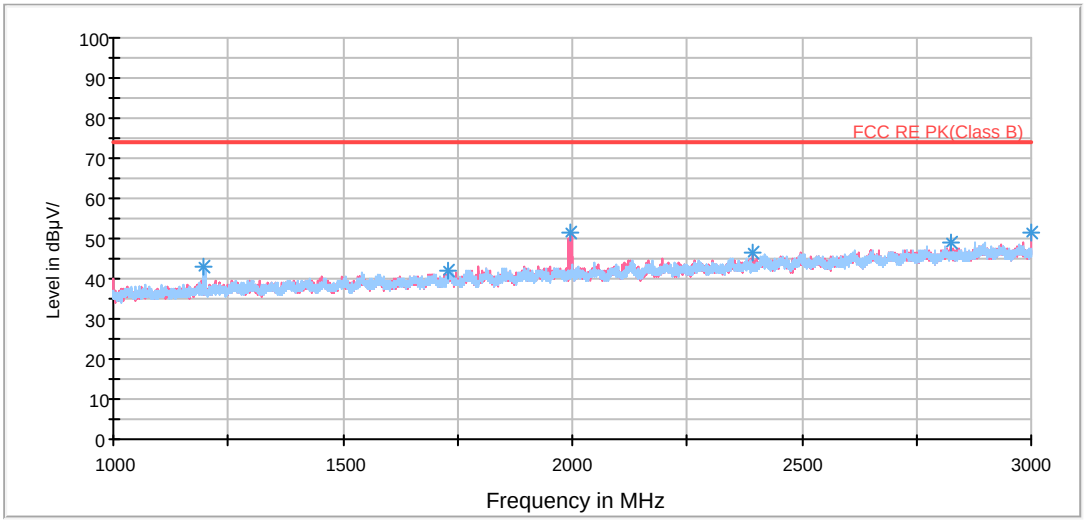
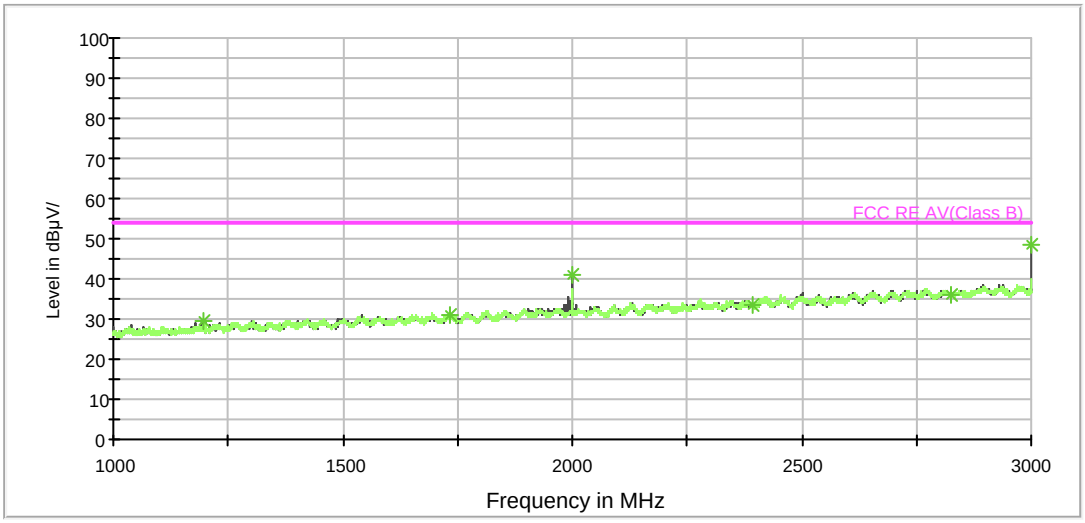
802.11 n (HT20) CH157

RE 1G-3GHz PK+AV

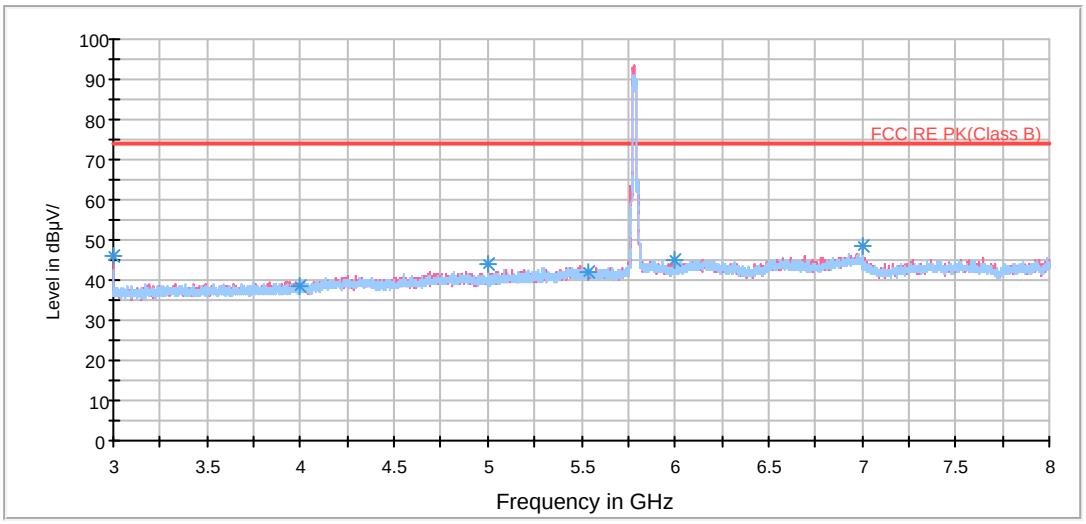


RE 1G-3GHz PK+AV

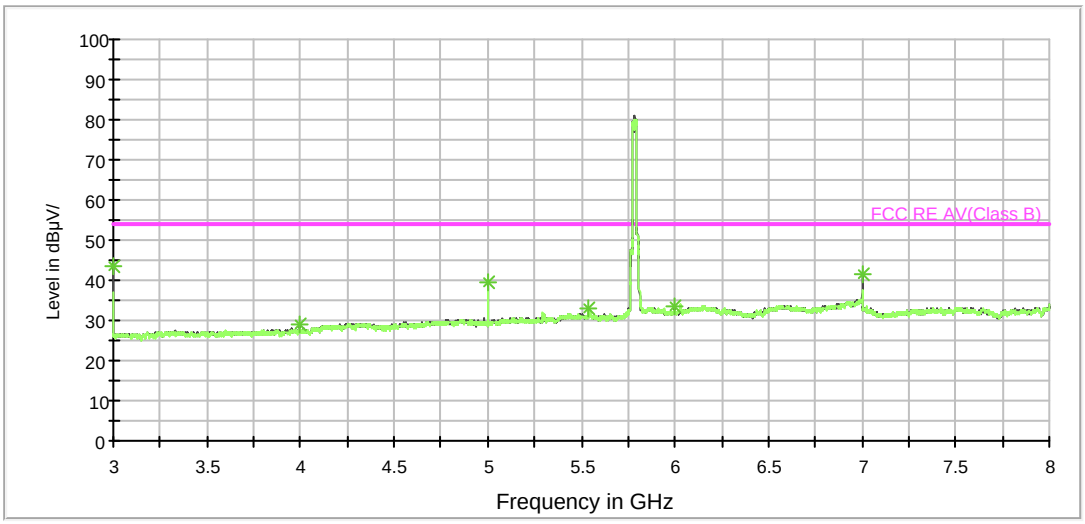


Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



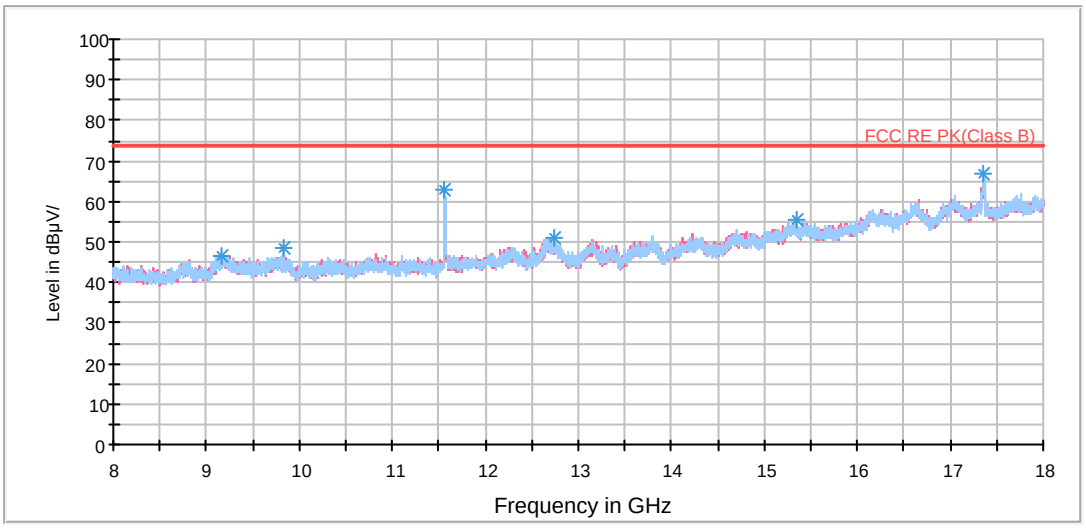
RE 3-18GHz PK+AV



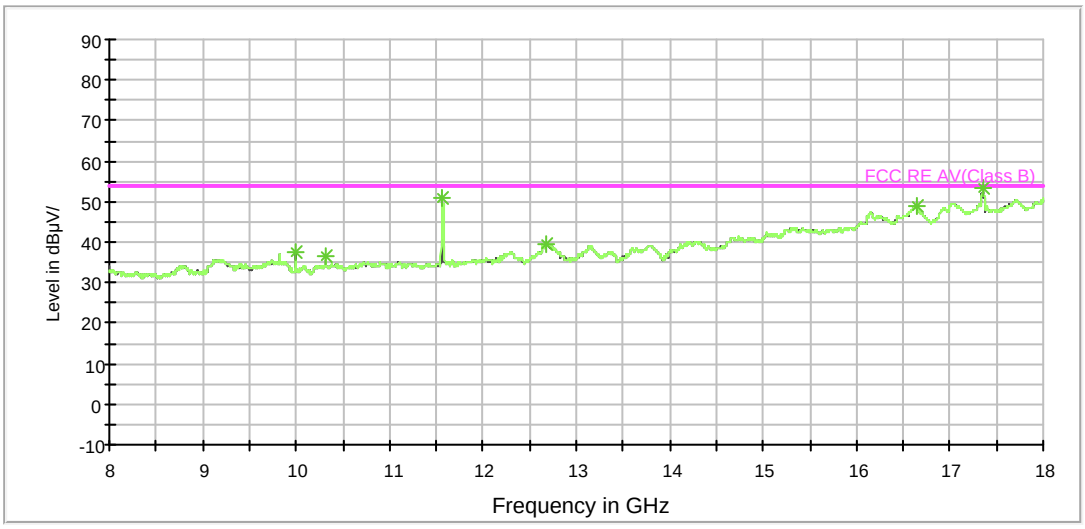
Radiates Emission from 3GHz to 8GHz

Note: The signal beyond the limit is carrier.

RE 3-18GHz PK+AV

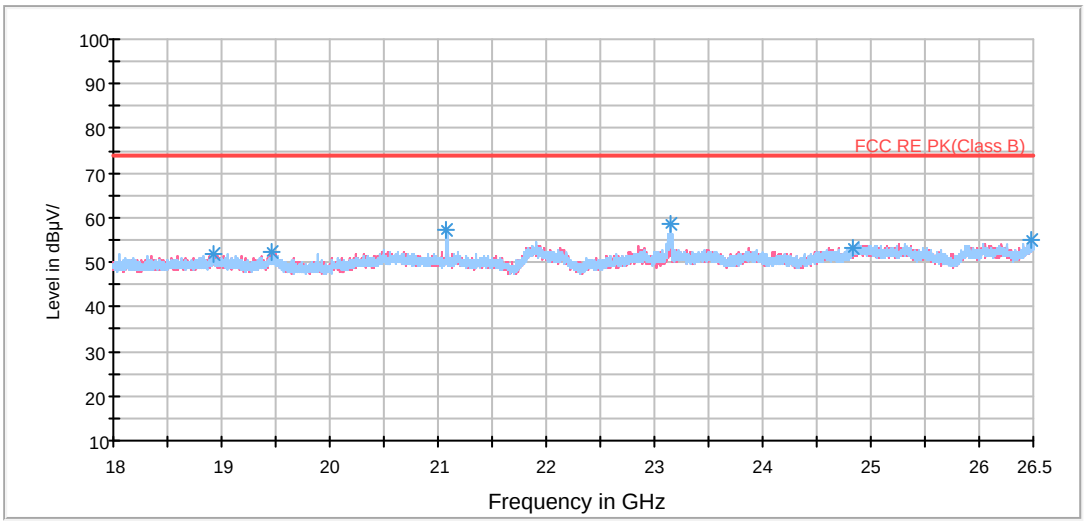


RE 3-18GHz PK+AV

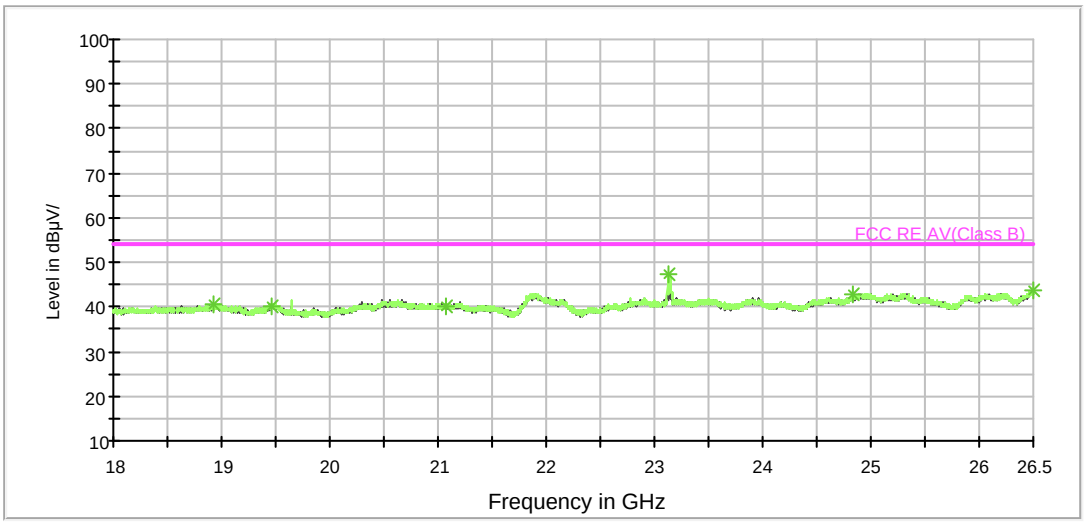


Radiates Emission from 8GHz to18GHz

BELL_RE 18-26.5GHz PK+AV

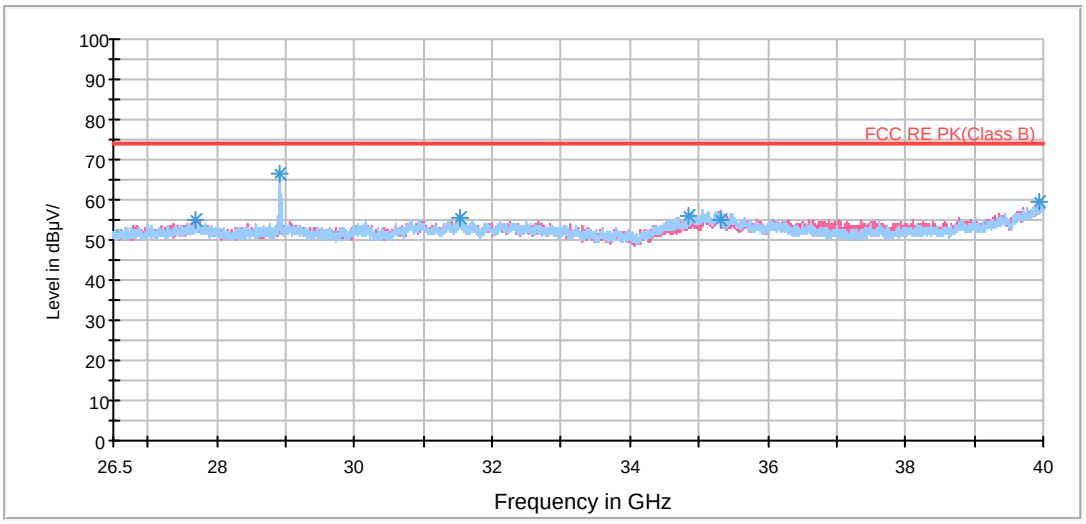


BELL_RE 18-26.5GHz PK+AV

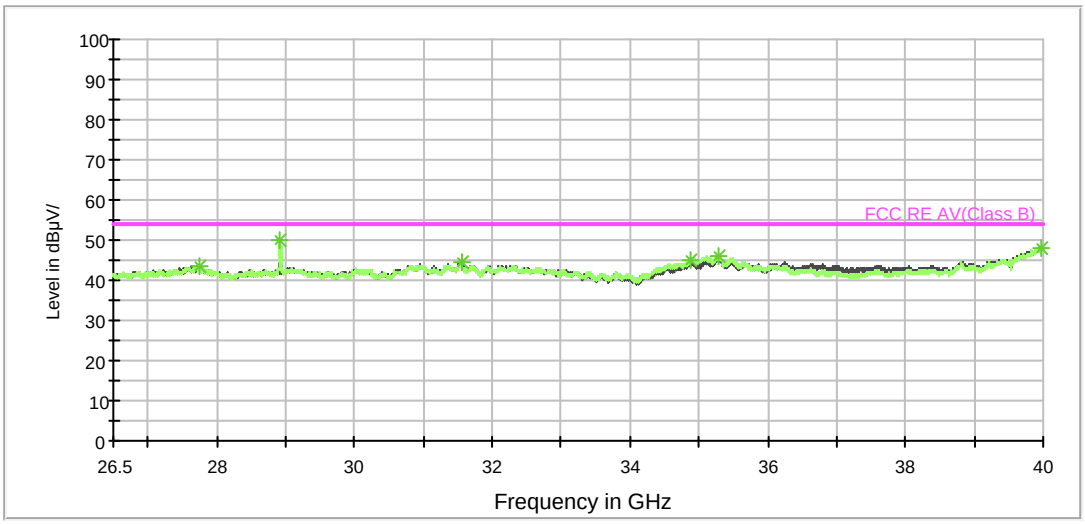


Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	46.2	200.0	V	184.0	49.4	-3.2	27.8	74
4000.000000	38.4	200.0	V	175.0	39.5	-1.1	35.6	74
5000.000000	44.0	200.0	V	223.0	42.4	1.6	30.0	74
5536.875000	42.1	200.0	V	184.0	38.9	3.2	31.9	74
6000.000000	44.8	200.0	H	60.0	39.9	4.9	29.2	74
7000.000000	48.5	200.0	V	234.0	41.9	6.6	25.5	74

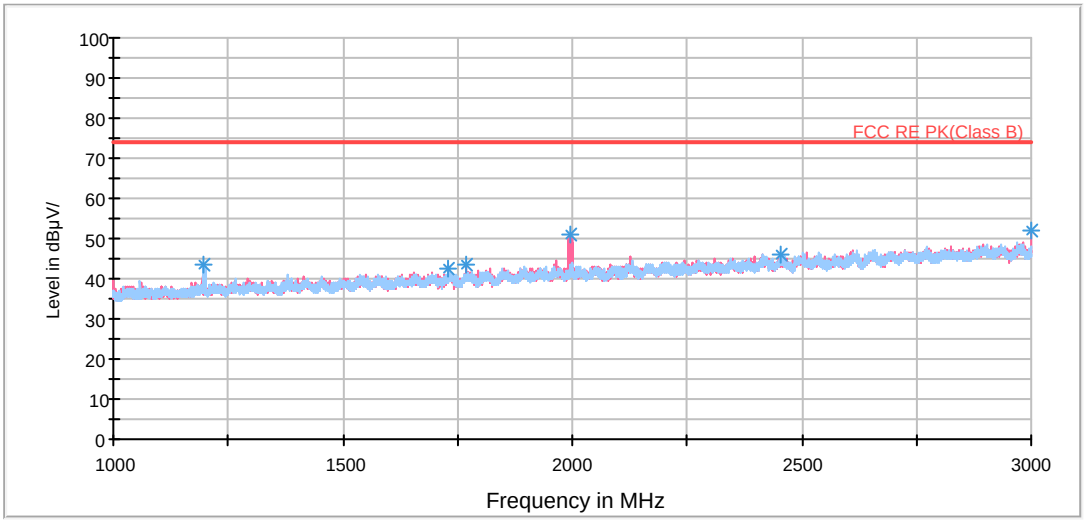
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	43.6	200.0	V	184.0	46.8	-3.2	10.4	54
4000.000000	28.9	200.0	V	175.0	30.0	-1.1	25.1	54
5000.000000	39.3	200.0	V	223.0	37.7	1.6	14.7	54
5536.875000	33.1	200.0	V	184.0	29.9	3.2	20.9	54
6000.000000	33.5	200.0	V	0.0	28.6	4.9	20.5	54
7000.000000	41.7	200.0	V	234.0	35.1	6.6	12.3	54

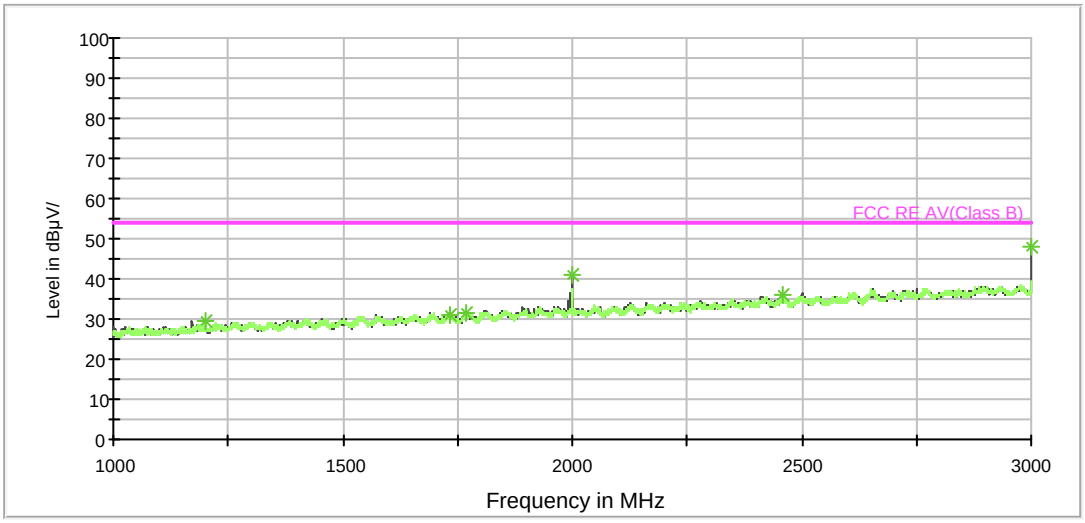
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

802.11 n (HT20) CH165

RE 1G-3GHz PK+AV

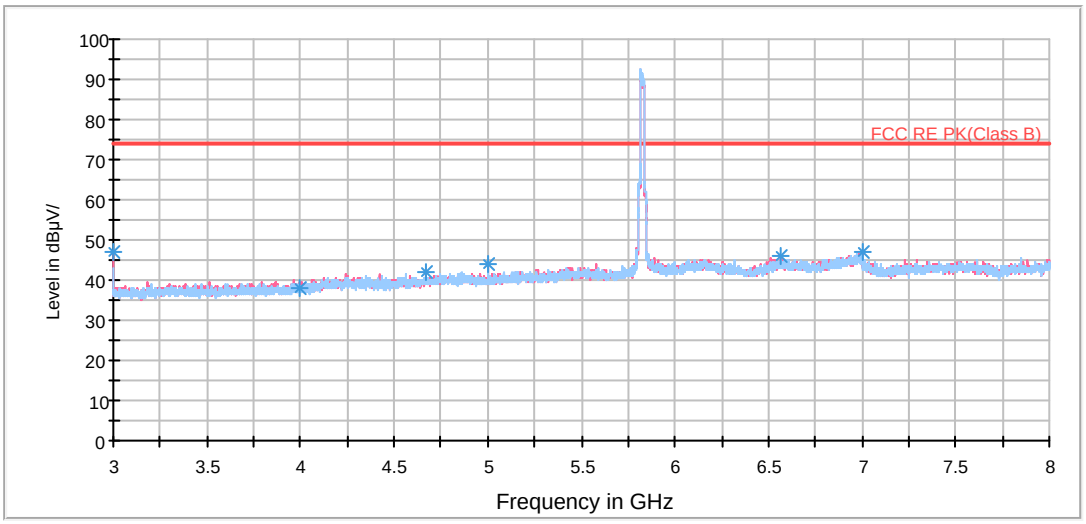


RE 1G-3GHz PK+AV

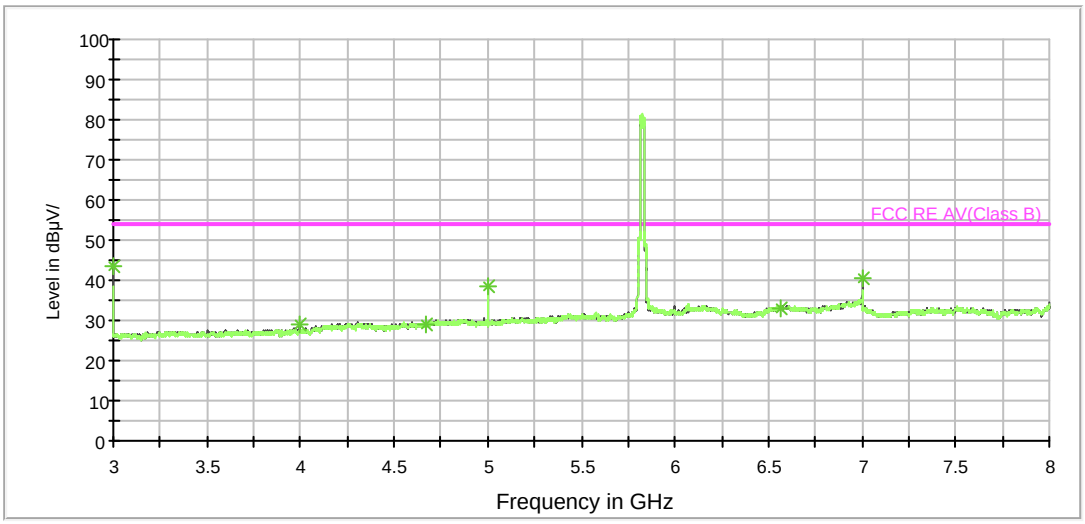


Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



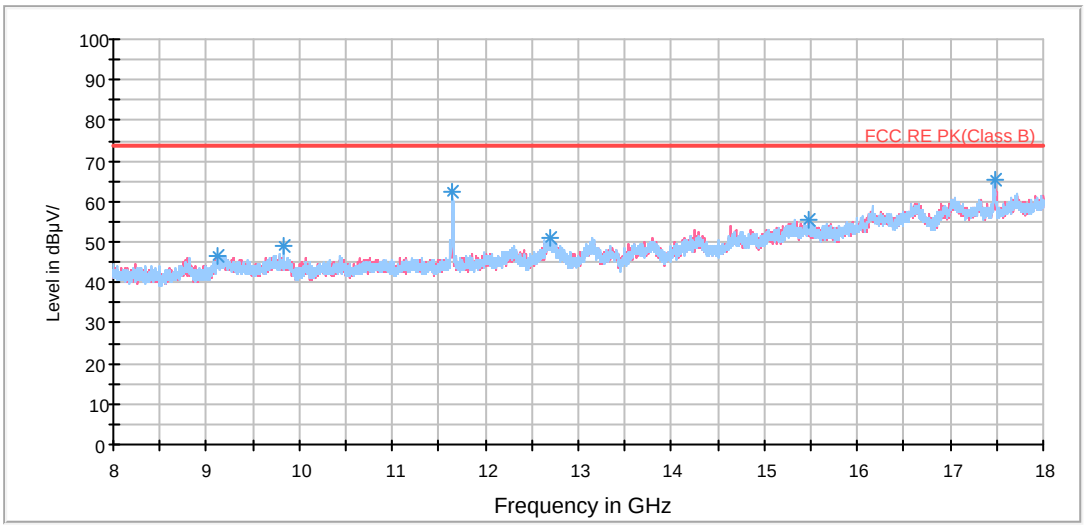
RE 3-18GHz PK+AV



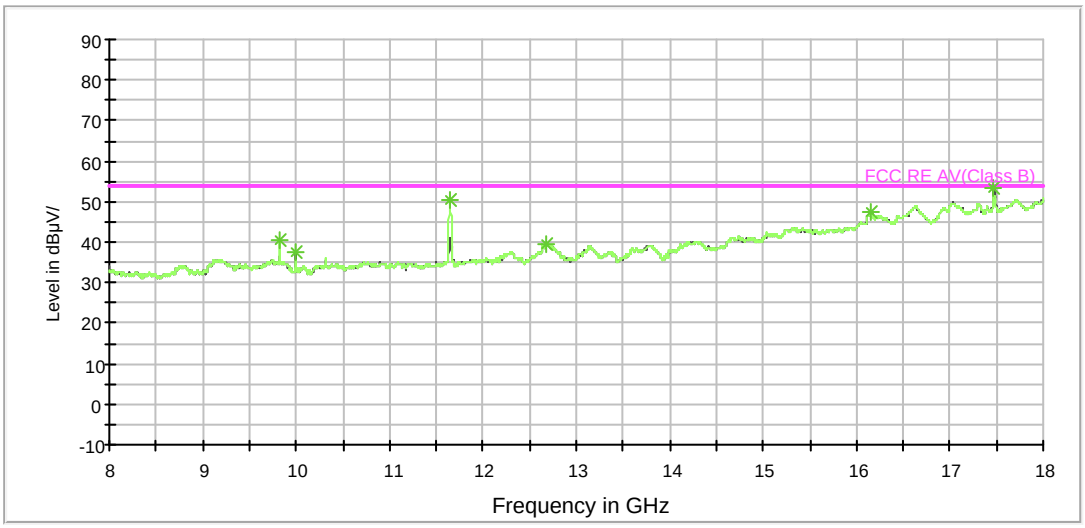
Radiates Emission from 3GHz to 8GHz

Note: The signal beyond the limit is carrier.

RE 3-18GHz PK+AV

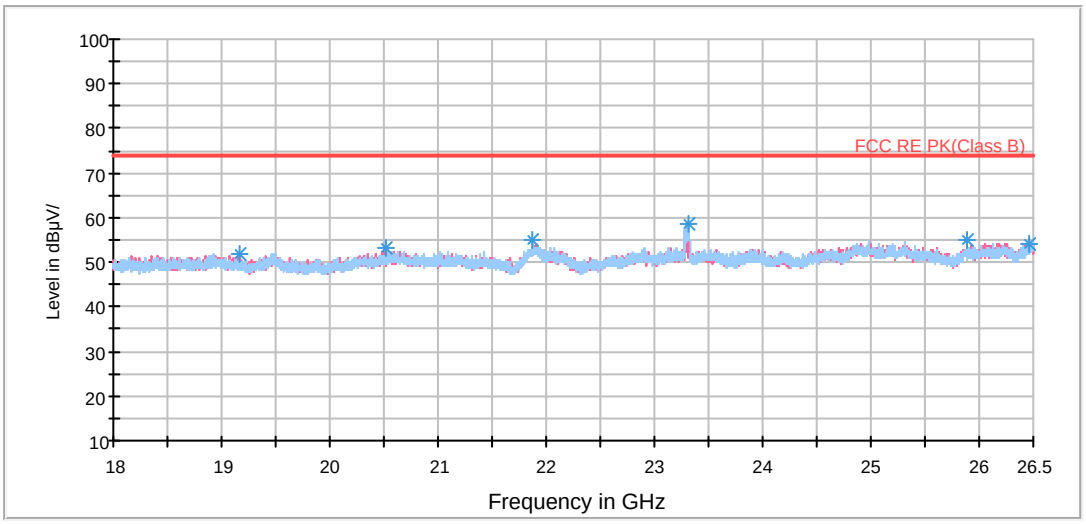


RE 3-18GHz PK+AV

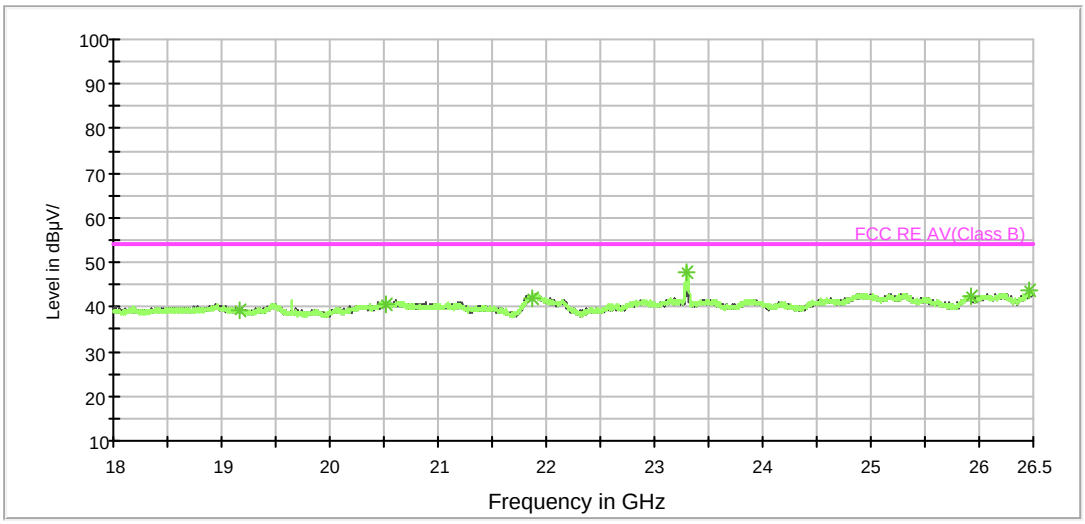


Radiates Emission from 8GHz to18GHz

BELL_RE 18-26.5GHz PK+AV

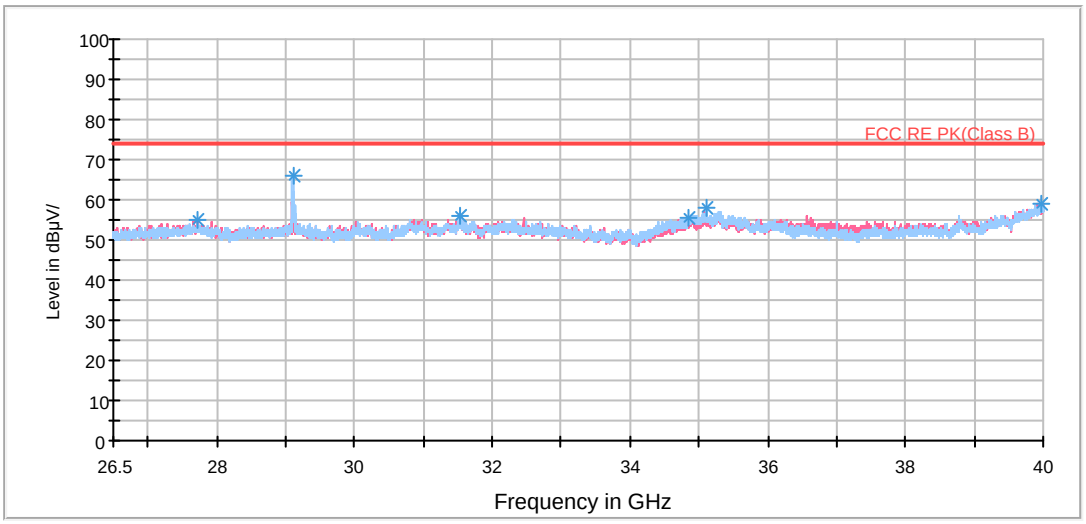


BELL_RE 18-26.5GHz PK+AV

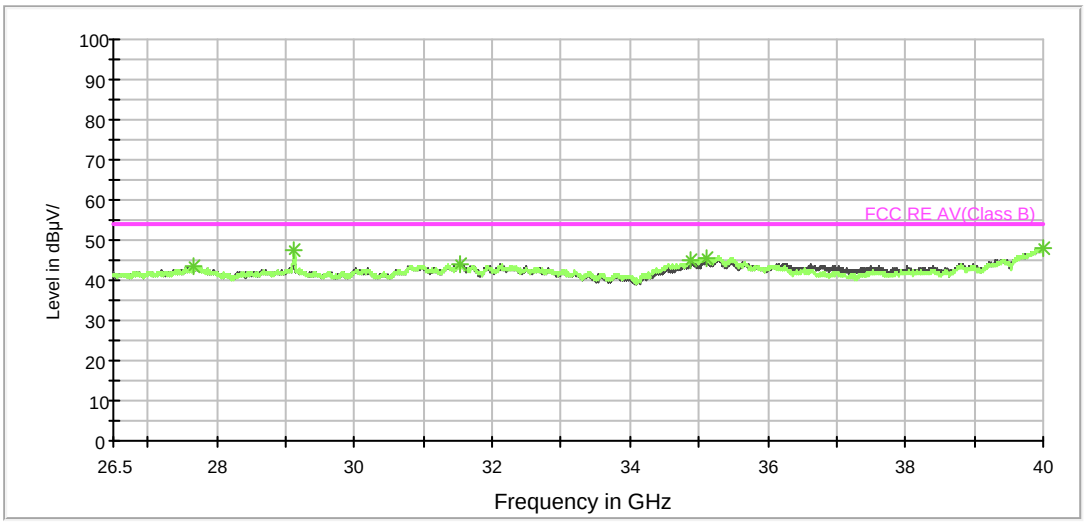


Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	46.8	200.0	V	133.0	50.0	-3.2	27.2	74
4000.000000	37.9	200.0	V	174.0	39.0	-1.1	36.1	74
4670.000000	42.2	200.0	V	286.0	41.4	0.8	31.8	74
5000.000000	44.0	200.0	H	109.0	42.4	1.6	30.0	74
6570.625000	46.0	200.0	V	123.0	40.4	5.6	28.0	74
7000.000000	46.9	200.0	V	238.0	40.3	6.6	27.1	74

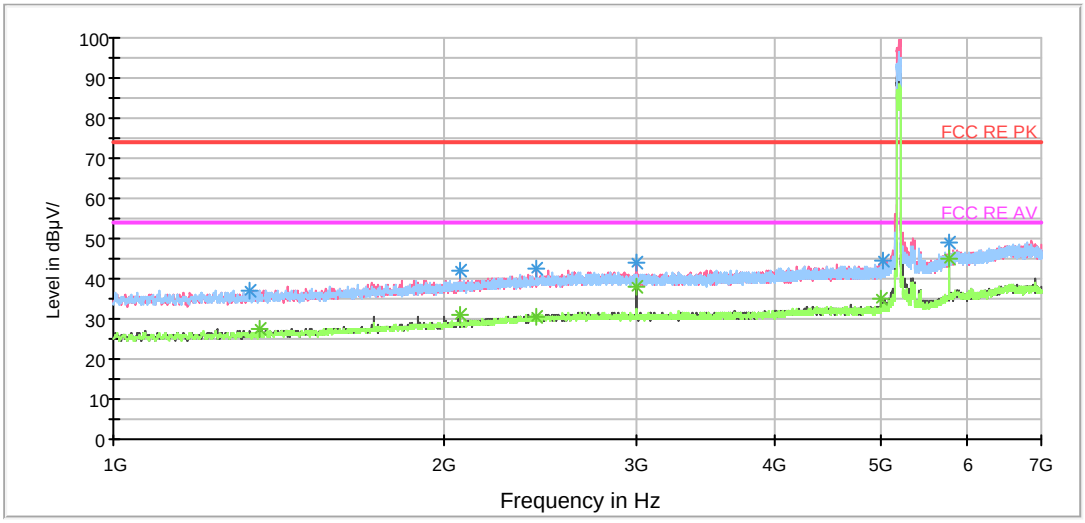
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	43.5	200.0	V	133.0	46.7	-3.2	10.5	54
4000.000000	29.0	200.0	V	174.0	30.1	-1.1	25.0	54
4670.000000	29.1	200.0	V	286.0	28.3	0.8	24.9	54
5000.000000	38.3	200.0	V	226.0	36.7	1.6	15.7	54
6570.625000	33.1	200.0	V	123.0	27.5	5.6	20.9	54
7000.000000	40.4	200.0	V	238.0	33.8	6.6	13.6	54

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

802.11n (HT40) CH38

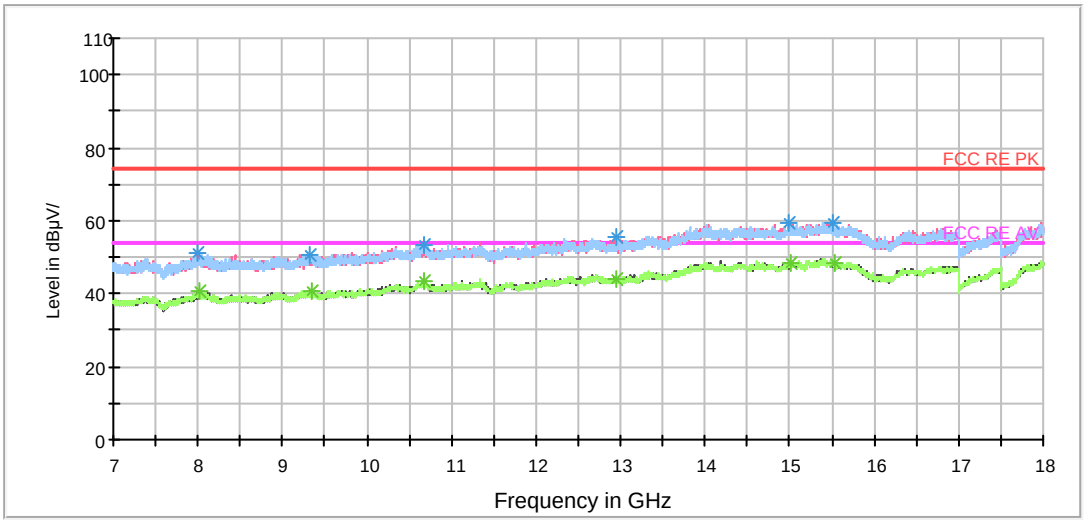
FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 1GHz to 7GHz

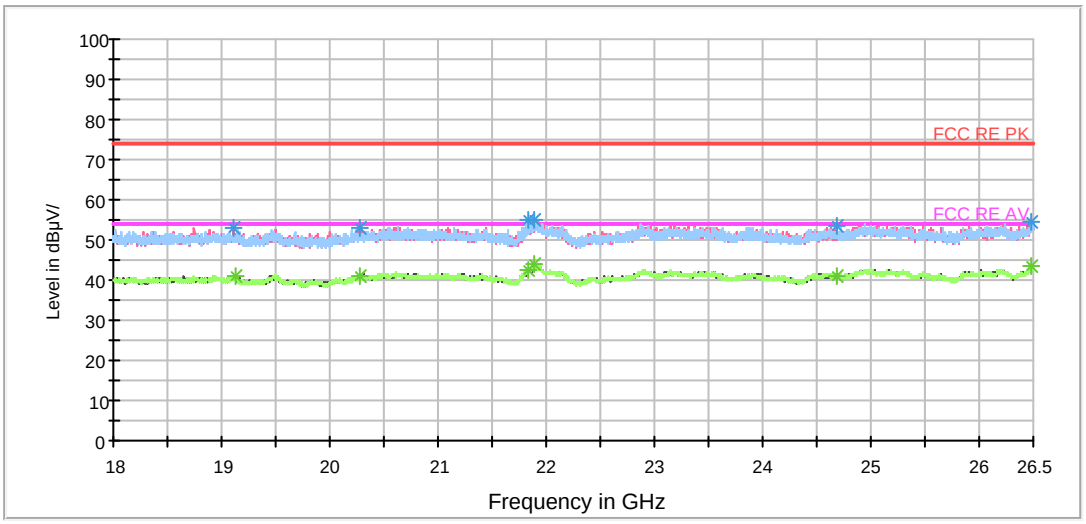
Note: The signal beyond the limit is carrier.

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



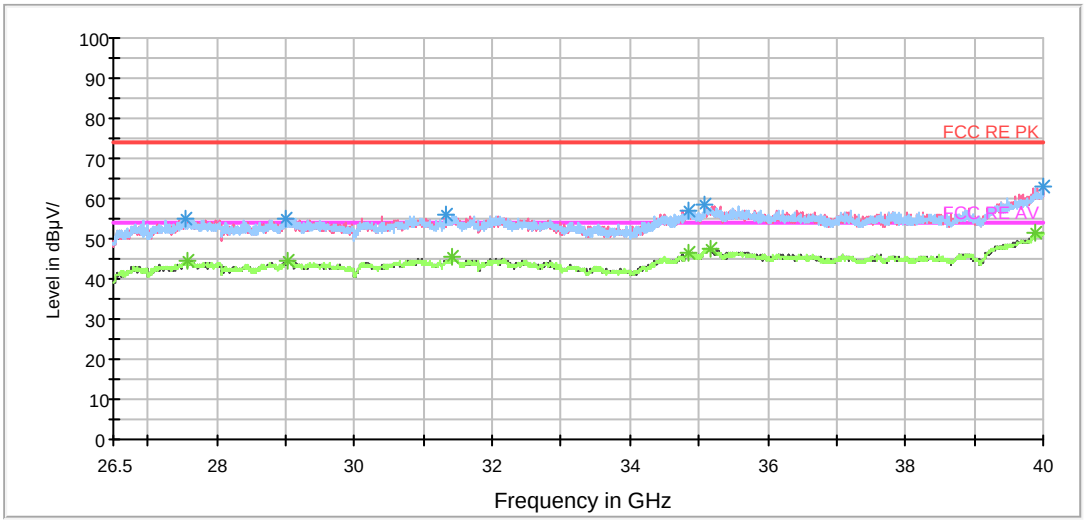
Radiates Emission from 7GHz to 18GHz

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

RE 26.5-40GHz PK+AV Class B



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1329.250000	37.2	100.0	H	118.0	44.7	-7.5	36.8	74
2070.250000	41.8	100.0	V	305.0	44.8	-3.0	32.2	74
2428.750000	42.5	100.0	V	188.0	43.7	-1.2	31.5	74
3000.250000	44.0	100.0	V	357.0	44.5	-0.5	30.0	74
5026.000000	44.7	100.0	V	266.0	43.0	1.7	29.3	74
5767.000000	48.9	100.0	H	358.0	43.8	5.1	25.1	74

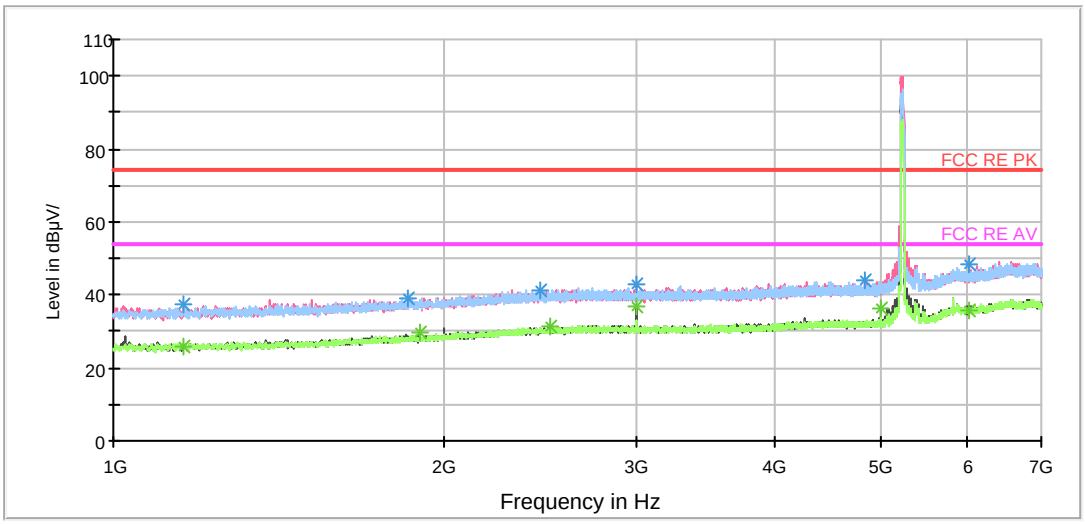
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1361.500000	27.4	100.0	V	248.0	34.6	-7.2	26.6	54
2070.250000	31.0	100.0	V	305.0	34.0	-3.0	23.0	54
2428.750000	30.3	100.0	V	188.0	31.5	-1.2	23.7	54
3000.250000	37.9	100.0	V	357.0	38.4	-0.5	16.1	54
5000.500000	35.0	100.0	V	325.0	33.4	1.6	19.0	54
5767.000000	44.9	100.0	H	358.0	39.8	5.1	9.1	54

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

802.11n (HT40) CH46

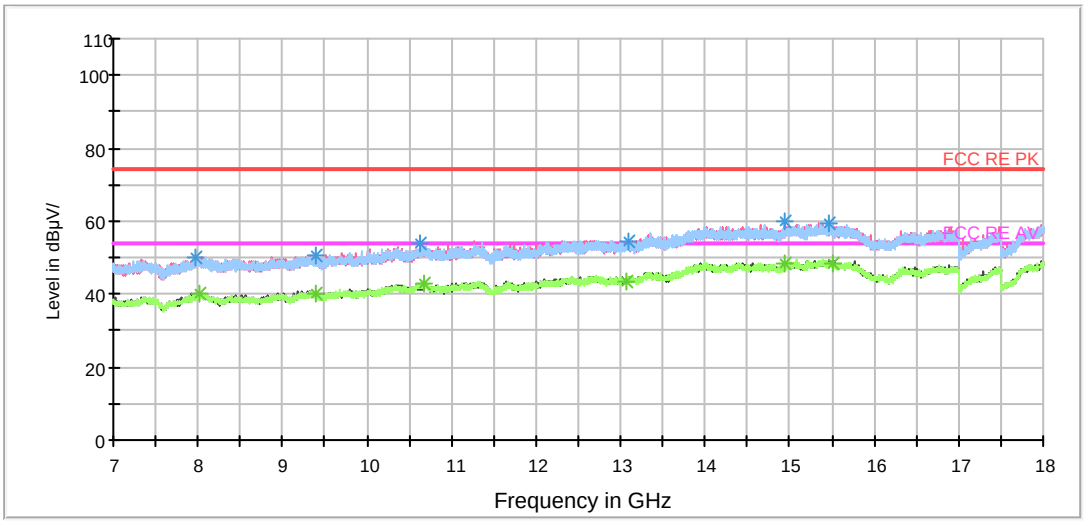
FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 1GHz to 7GHz

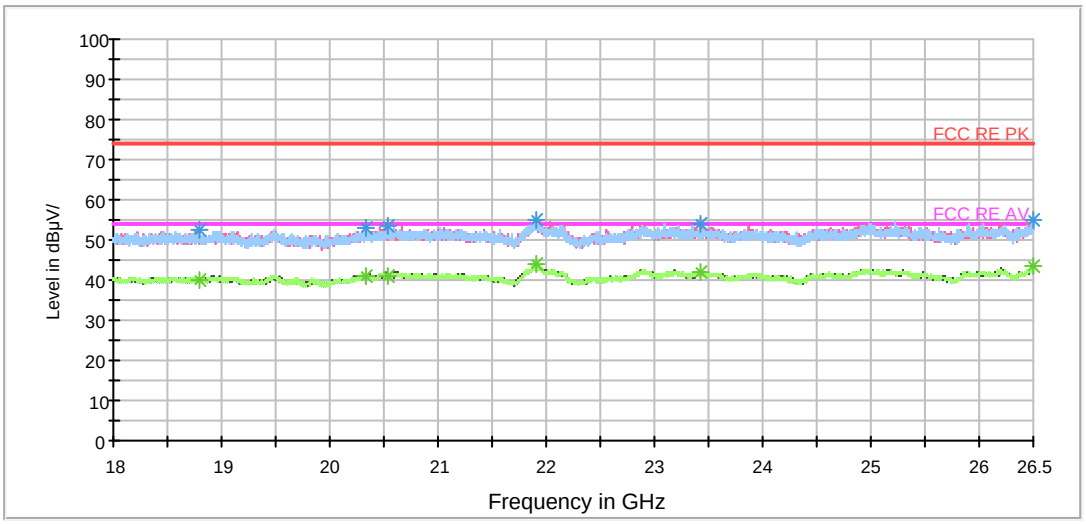
Note: The signal beyond the limit is carrier.

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



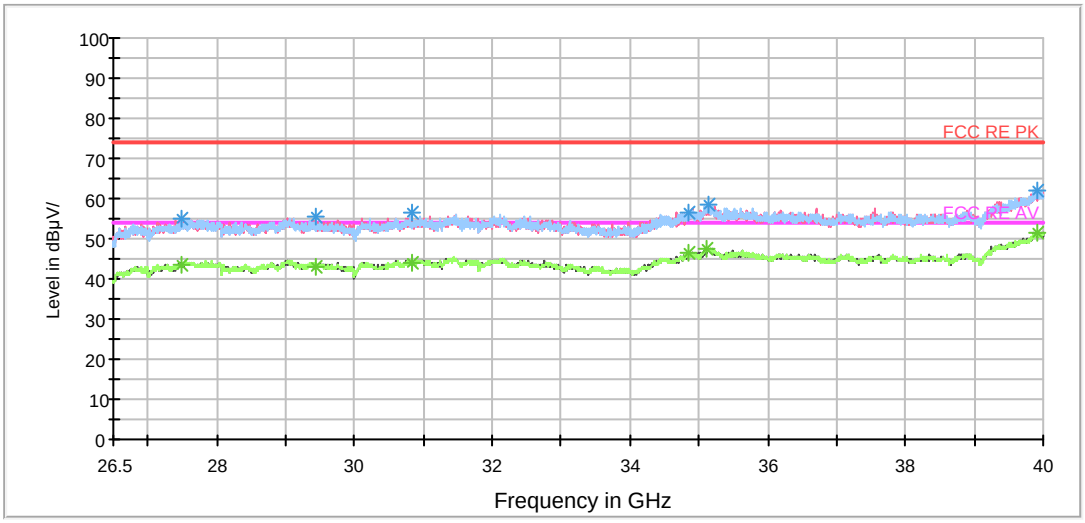
Radiates Emission from 7GHz to 18GHz

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

RE 26.5-40GHz PK+AV Class B



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1160.500000	37.1	100.0	V	355.0	45.5	-8.4	36.9	74
1856.500000	38.9	100.0	V	214.0	43.1	-4.2	35.1	74
2449.750000	41.4	100.0	V	273.0	42.5	-1.1	32.6	74
3000.250000	42.9	100.0	V	2.0	43.4	-0.5	31.1	74
4842.250000	44.1	100.0	V	321.0	42.4	1.7	29.9	74
6025.000000	48.5	100.0	V	263.0	43.0	5.5	25.5	74

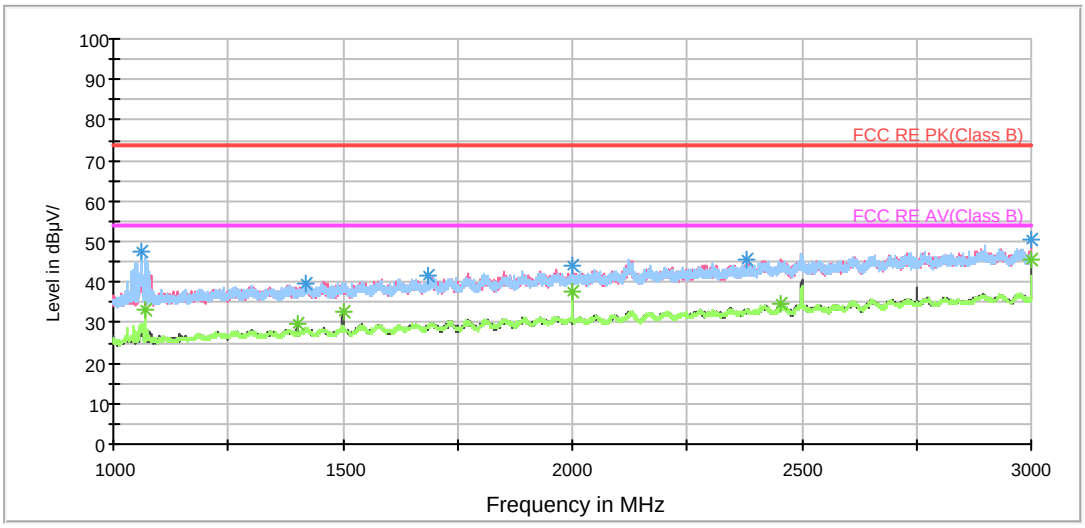
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1160.500000	25.8	100.0	V	355.0	34.2	-8.4	28.2	54
1902.250000	29.5	100.0	H	40.0	33.5	-4.0	24.5	54
2500.000000	31.4	100.0	H	0.0	32.3	-0.9	22.6	54
2999.500000	37.1	100.0	V	0.0	37.6	-0.5	16.9	54
4999.750000	36.5	100.0	V	344.0	34.9	1.6	17.5	54
6025.000000	35.6	100.0	V	263.0	30.1	5.5	18.4	54

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

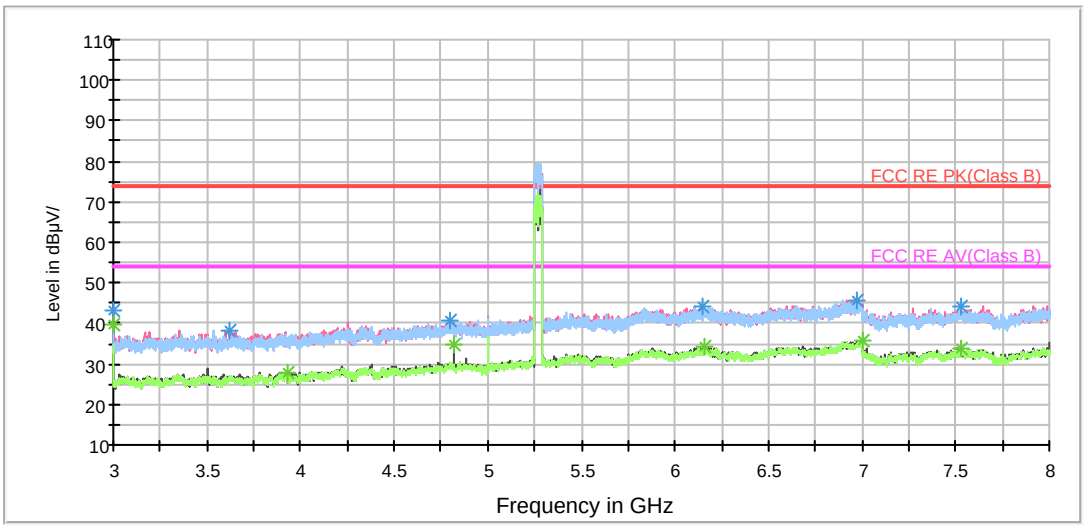
802.11n (HT40) CH54

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

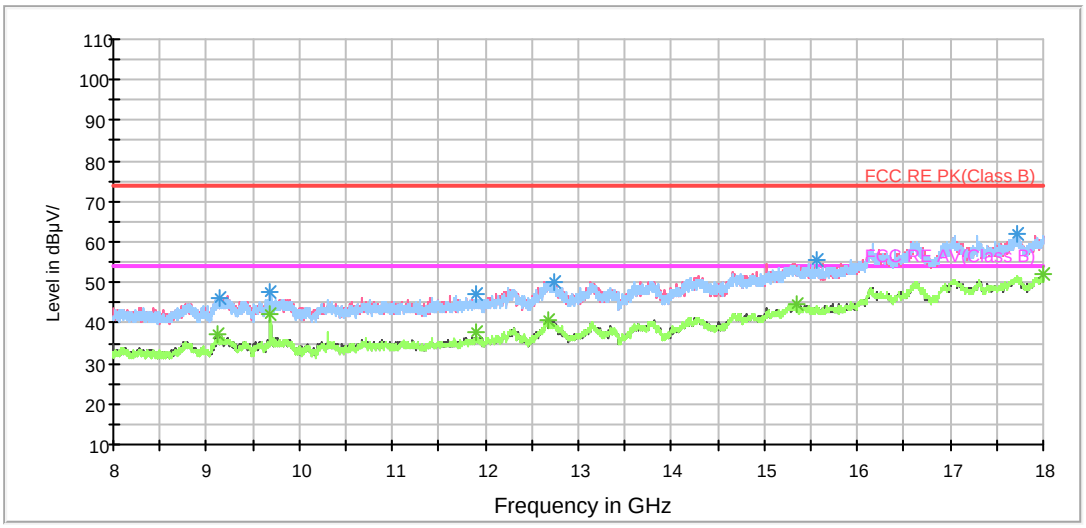
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

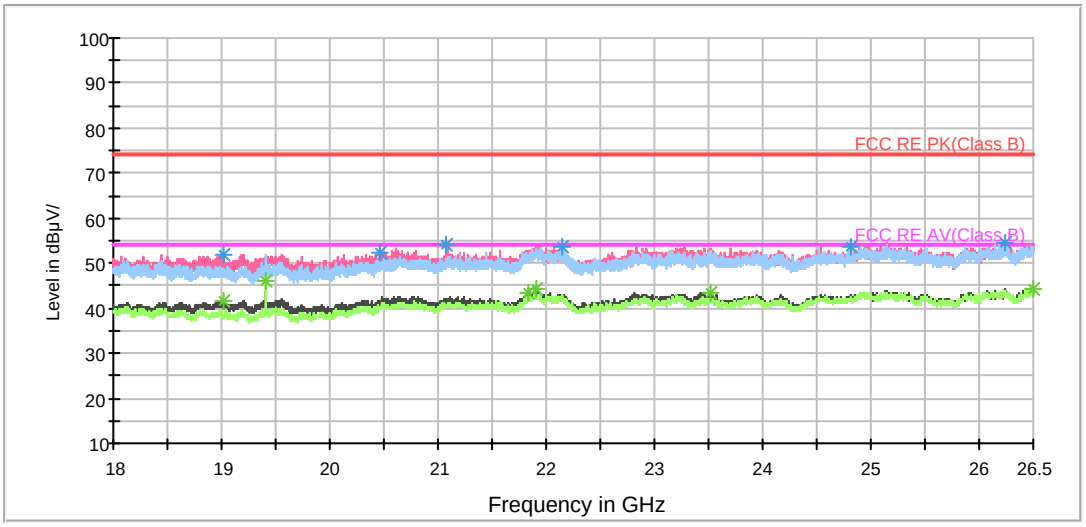
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



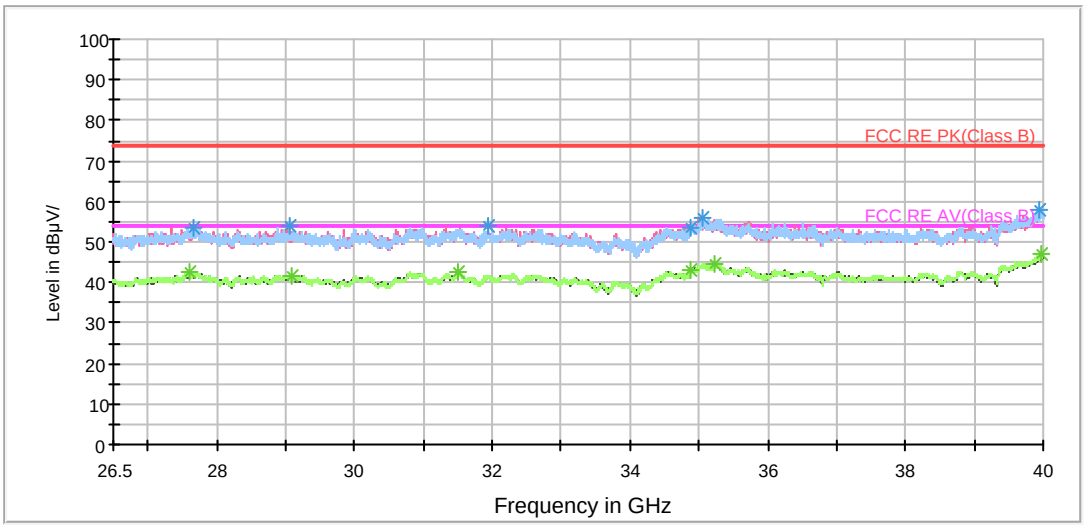
Radiates Emission from 8GHz to 18GHz

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

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	43.1	200.0	V	187.0	46.3	-3.2	30.9	74
3620.000000	38.3	200.0	V	197.0	40.3	-2.0	35.7	74
4793.750000	40.5	200.0	V	295.0	39.3	1.2	33.5	74
6145.000000	44.4	200.0	V	187.0	39.0	5.4	29.6	74
6975.000000	45.8	200.0	V	0.0	39.5	6.3	28.2	74
7529.375000	44.3	200.0	V	0.0	37.2	7.1	29.7	74

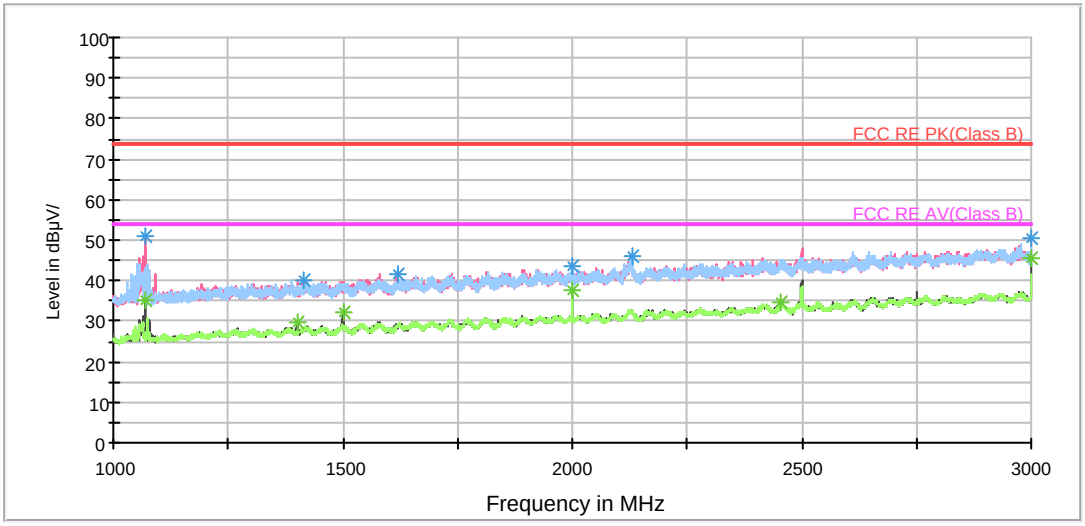
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	39.6	200.0	V	187.0	42.8	-3.2	14.4	54
3928.125000	28.1	200.0	V	285.0	29.3	-1.2	25.9	54
4823.750000	34.8	200.0	V	187.0	33.4	1.4	19.2	54
6158.750000	34.1	200.0	V	305.0	28.4	5.7	19.9	54
7000.000000	35.7	200.0	H	2.0	29.1	6.6	18.3	54
7525.000000	33.7	200.0	V	247.0	26.6	7.1	20.3	54

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

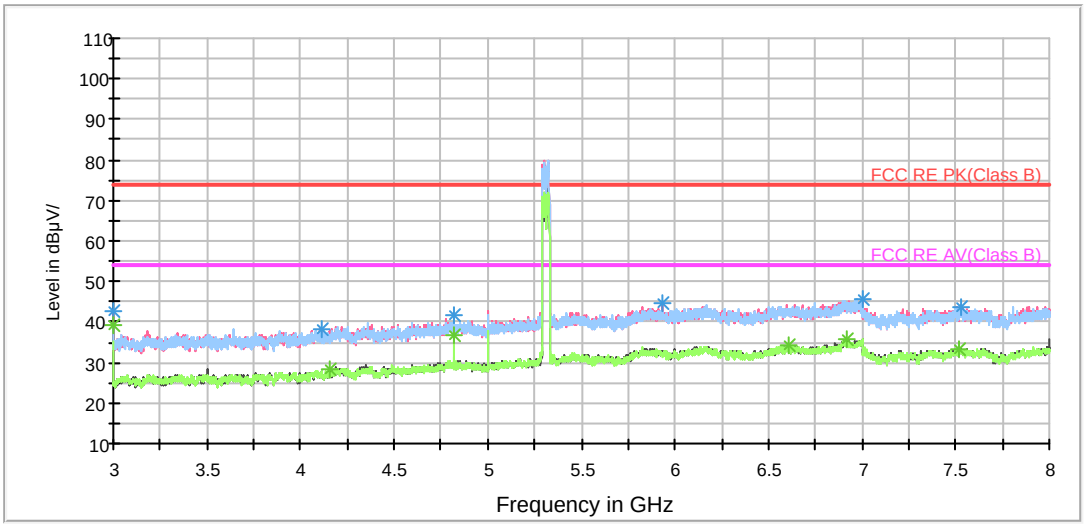
802.11n (HT40) CH62

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

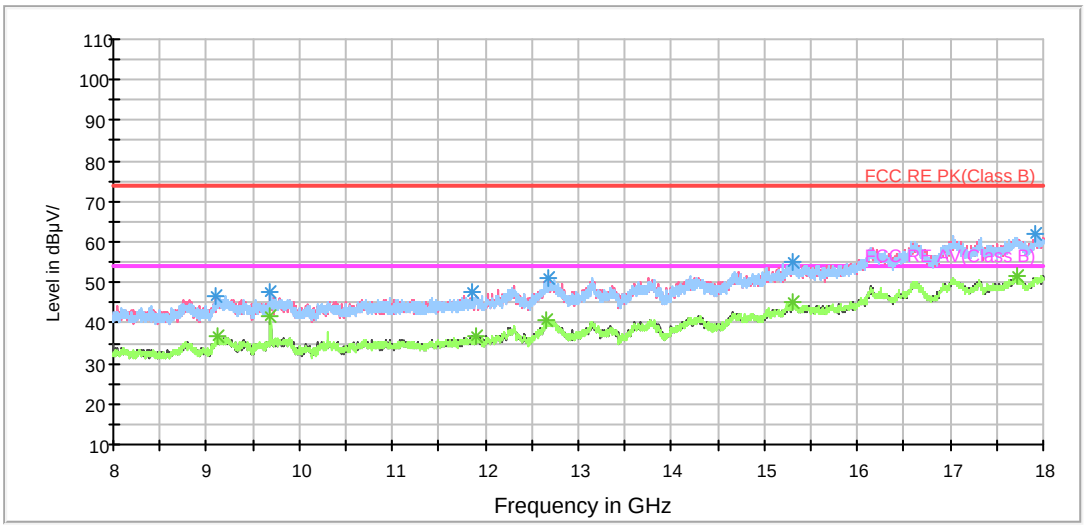
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

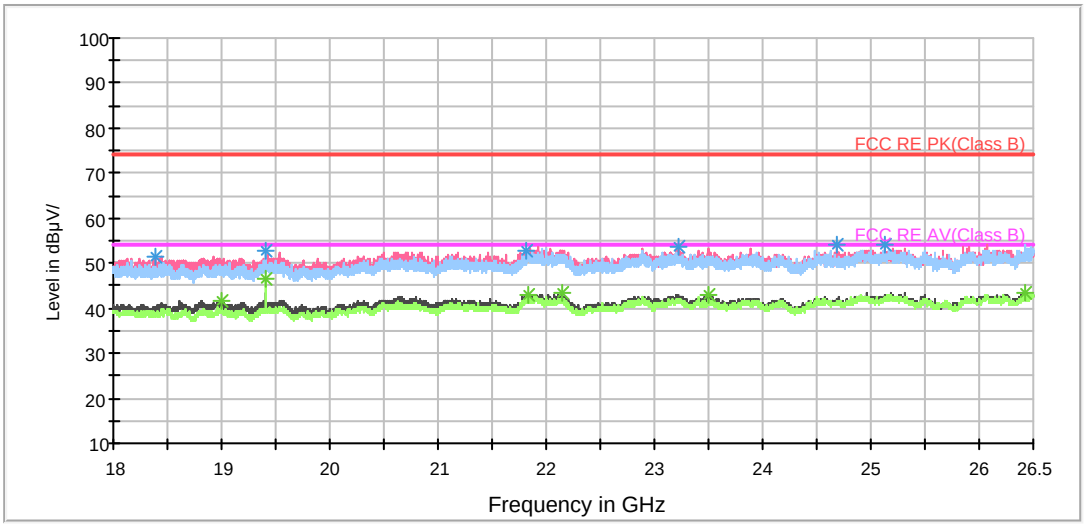
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



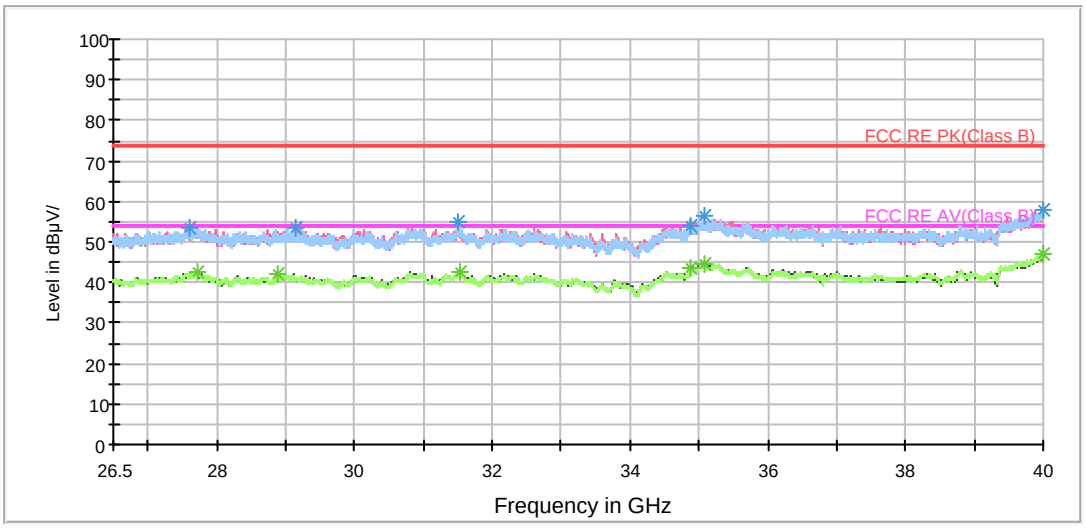
Radiates Emission from 8GHz to 18GHz

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

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	42.6	200.0	V	186.0	45.8	-3.2	31.4	74
4111.875000	38.1	200.0	V	274.0	38.8	-0.7	35.9	74
4824.375000	41.8	200.0	H	253.0	40.4	1.4	32.2	74
5931.250000	44.8	200.0	V	0.0	40.0	4.8	29.2	74
7000.000000	45.6	200.0	V	196.0	39.0	6.6	28.4	74
7527.500000	43.8	200.0	H	105.0	36.7	7.1	30.2	74

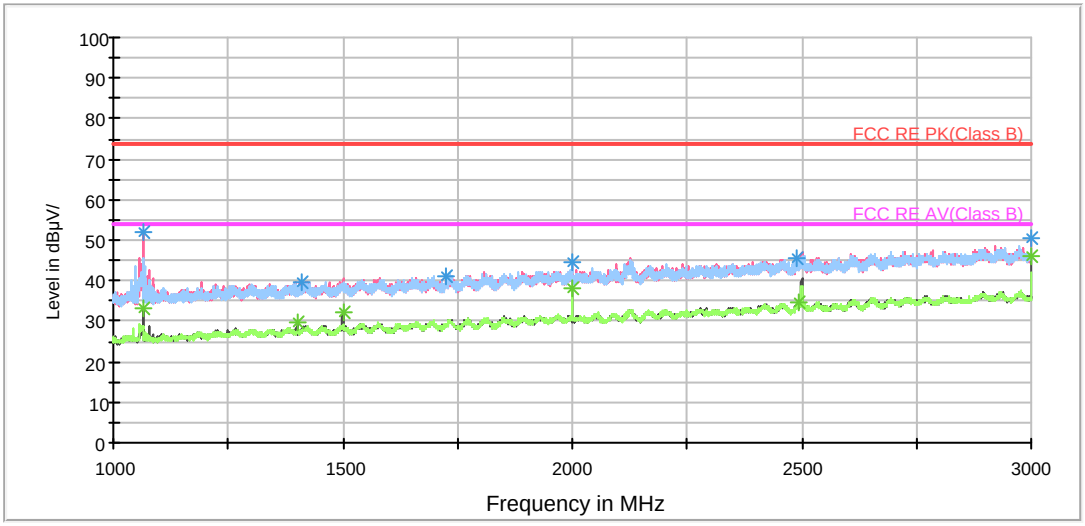
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	39.3	200.0	V	186.0	42.5	-3.2	14.7	54
4151.875000	28.1	200.0	V	206.0	28.2	-0.1	25.9	54
4823.750000	36.7	200.0	H	253.0	35.3	1.4	17.3	54
6610.625000	34.2	200.0	H	145.0	28.6	5.6	19.8	54
6921.250000	35.9	200.0	V	45.0	29.7	6.2	18.1	54
7523.125000	33.5	200.0	V	157.0	26.4	7.1	20.5	54

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

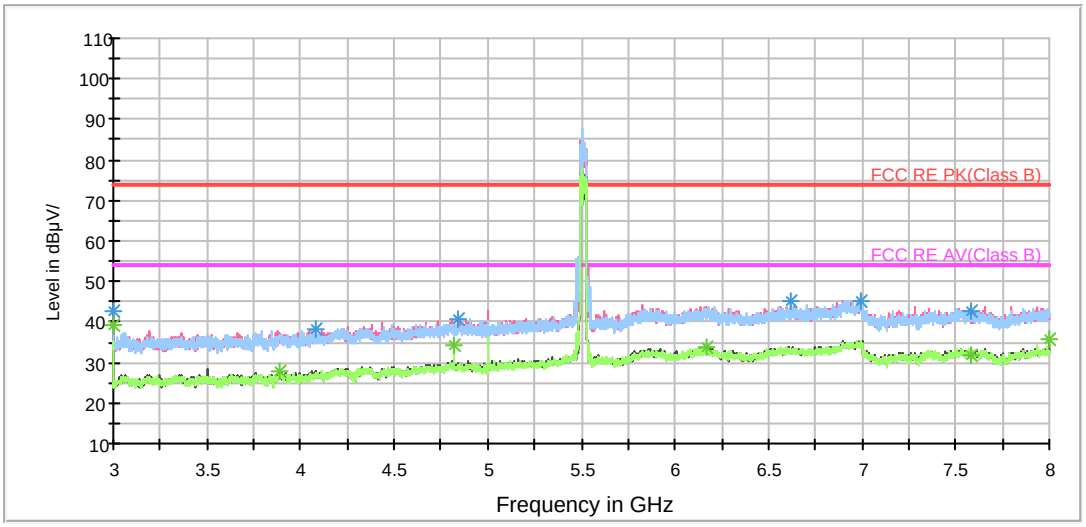
802.11n (HT40) CH102

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

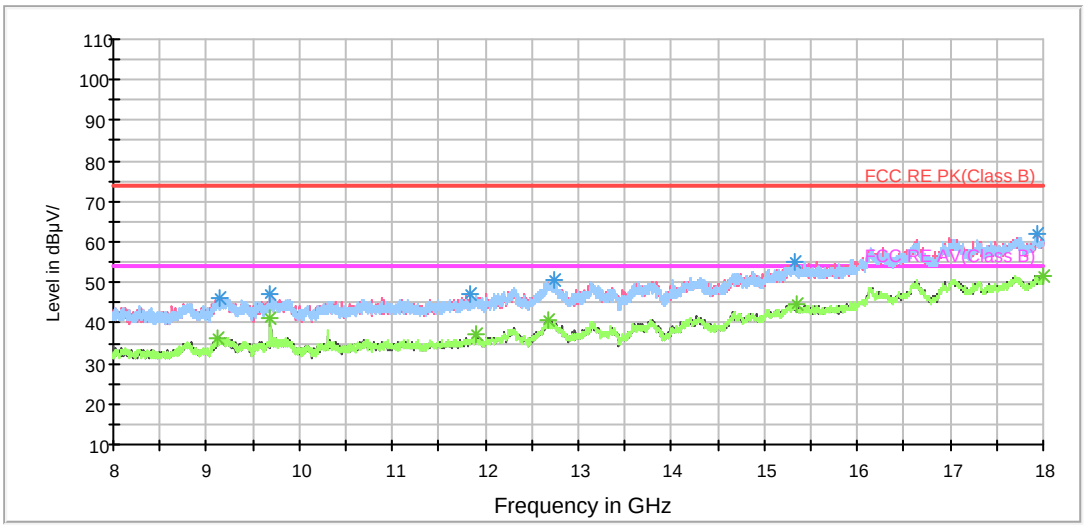
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

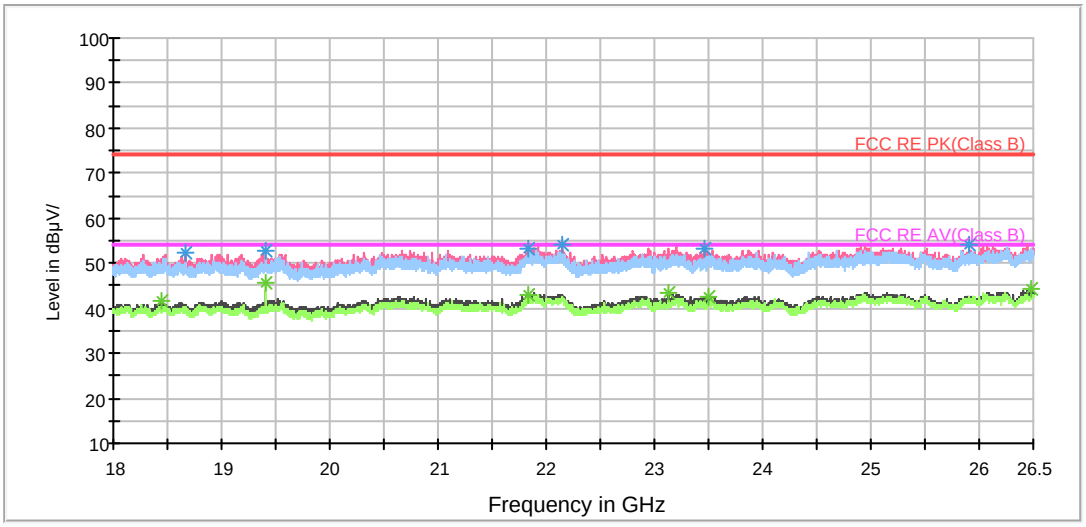
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



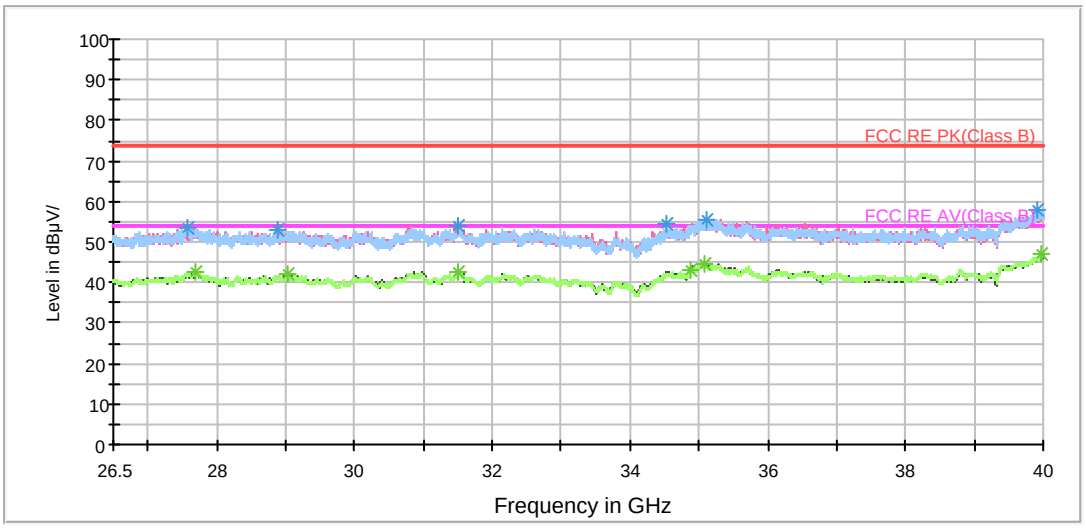
Radiates Emission from 8GHz to 18GHz

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

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	42.8	200.0	V	185.0	46.0	-3.2	31.2	74
4083.750000	38.0	200.0	H	204.0	38.9	-0.9	36.0	74
4846.250000	40.6	200.0	V	315.0	39.0	1.6	33.4	74
6621.875000	45.0	200.0	H	37.0	39.5	5.5	29.0	74
6990.000000	45.2	200.0	V	214.0	38.7	6.5	28.8	74
7584.375000	42.8	200.0	V	354.0	35.7	7.1	31.2	74

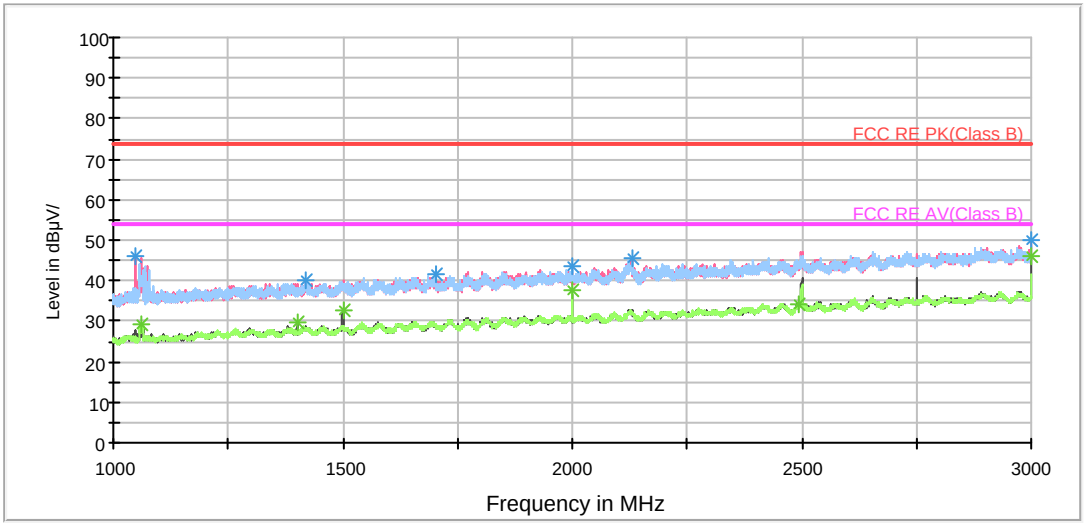
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	39.1	200.0	V	185.0	42.3	-3.2	14.9	54
3891.875000	27.9	200.0	V	305.0	29.2	-1.3	26.1	54
4823.750000	34.1	200.0	H	244.0	32.7	1.4	19.9	54
6170.000000	33.9	200.0	V	344.0	28.4	5.5	20.1	54
8000.000000	35.8	200.0	V	194.0	28.5	7.3	18.2	54
7584.375000	31.9	200.0	V	354.0	24.8	7.1	22.1	54

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

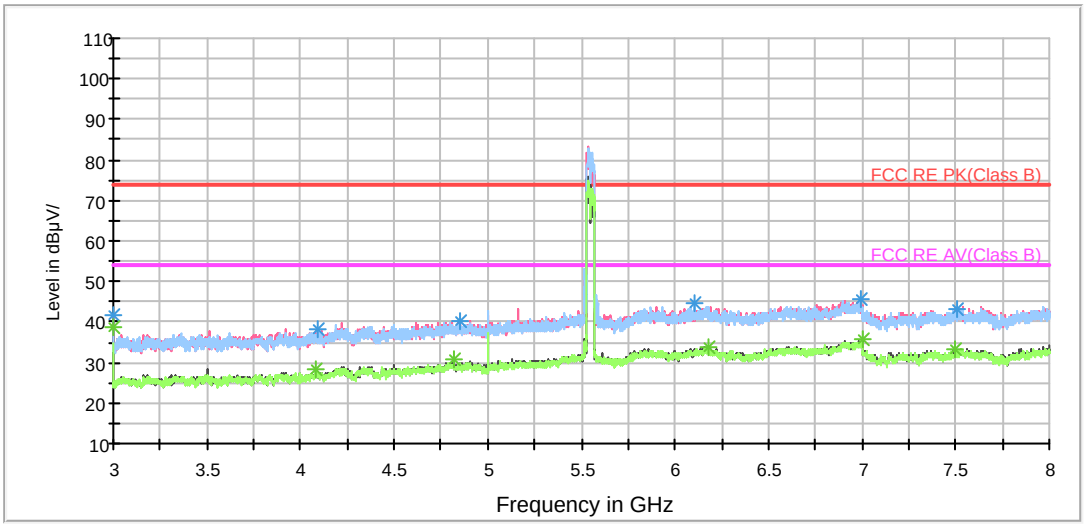
802.11n (HT40) CH110

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

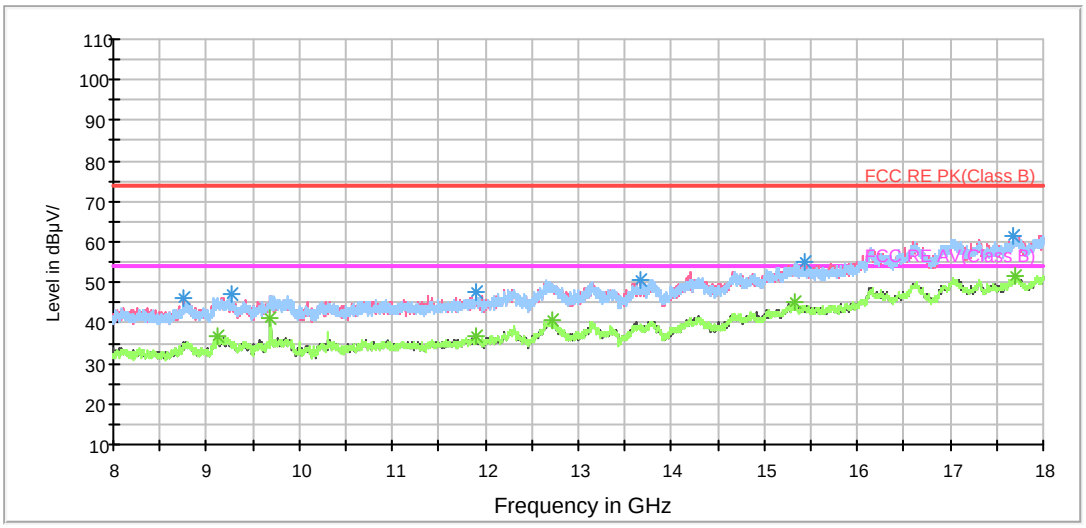
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

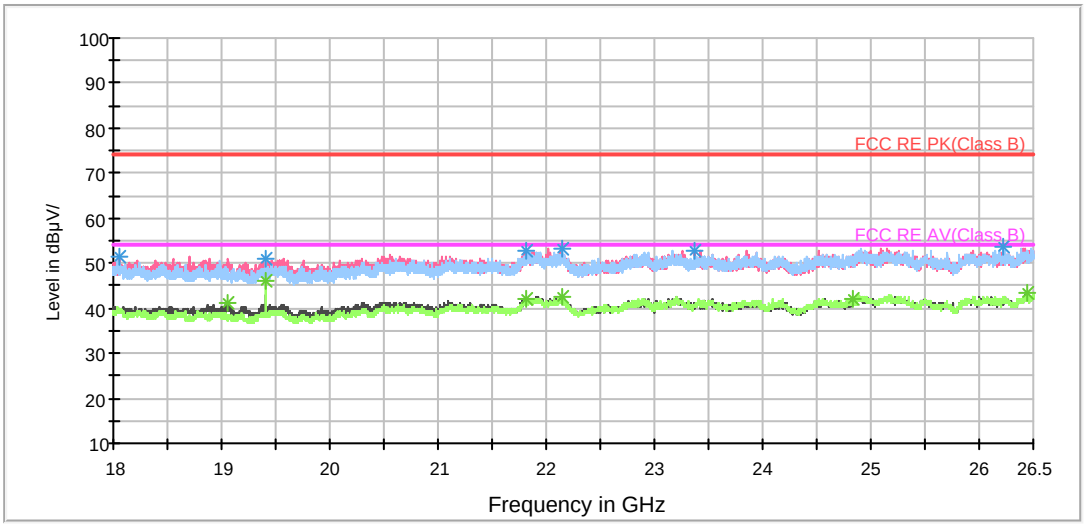
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



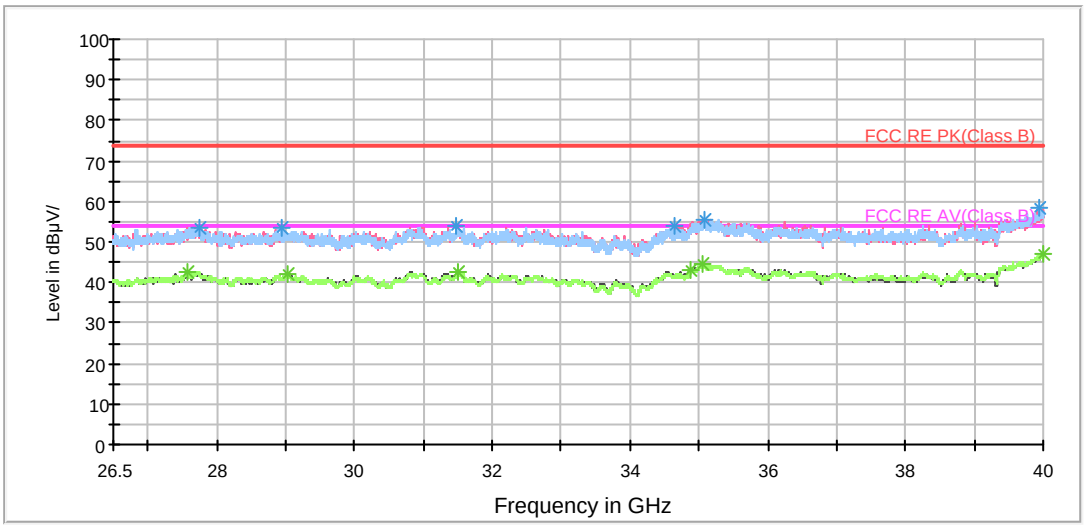
Radiates Emission from 8GHz to 18GHz

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

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	41.9	200.0	V	186.0	45.1	-3.2	32.1	74
4087.500000	38.3	200.0	H	128.0	39.2	-0.9	35.7	74
4852.500000	40.2	200.0	V	315.0	38.6	1.6	33.8	74
6100.625000	44.4	200.0	H	0.0	39.3	5.1	29.6	74
6991.875000	45.5	200.0	V	257.0	39.0	6.5	28.5	74
7504.375000	43.4	200.0	V	0.0	36.5	6.9	30.6	74

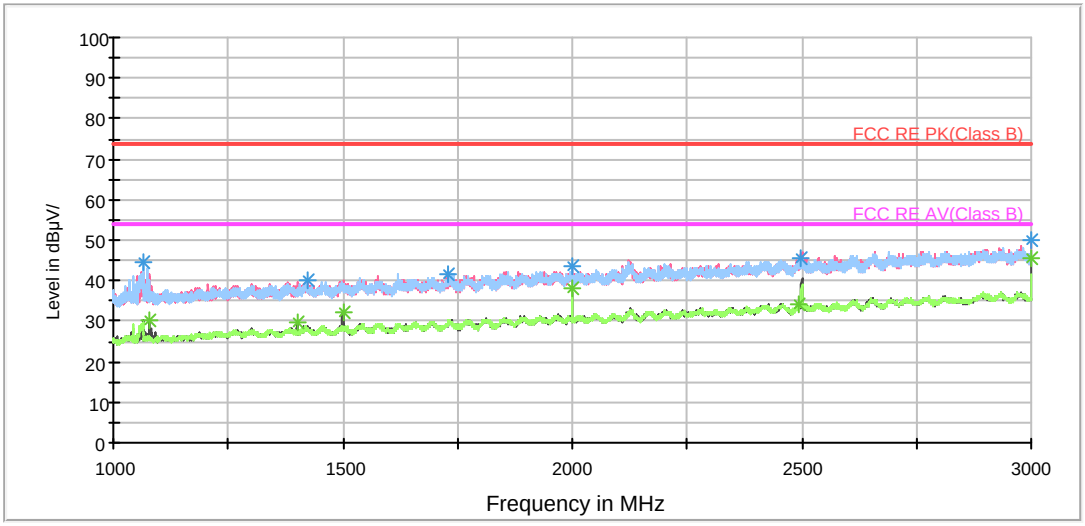
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	38.9	200.0	V	186.0	42.1	-3.2	15.1	54
4085.000000	28.1	200.0	H	259.0	29.0	-0.9	25.9	54
4823.750000	30.9	200.0	H	31.0	29.5	1.4	23.1	54
6177.500000	33.9	200.0	V	276.0	28.5	5.4	20.1	54
7000.000000	35.6	200.0	V	236.0	29.0	6.6	18.4	54
7496.250000	33.1	200.0	H	139.0	26.3	6.8	20.9	54

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

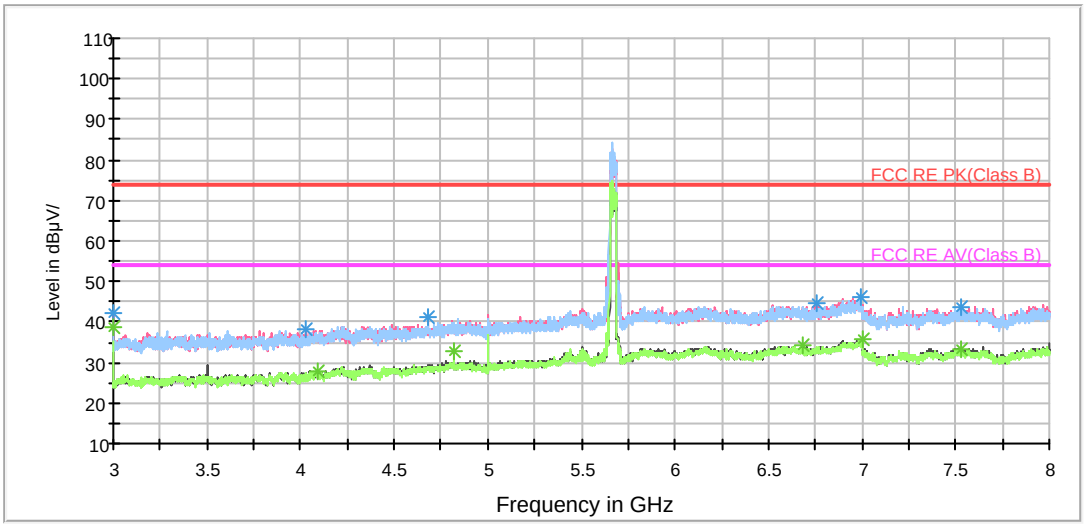
802.11n (HT40) CH134

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

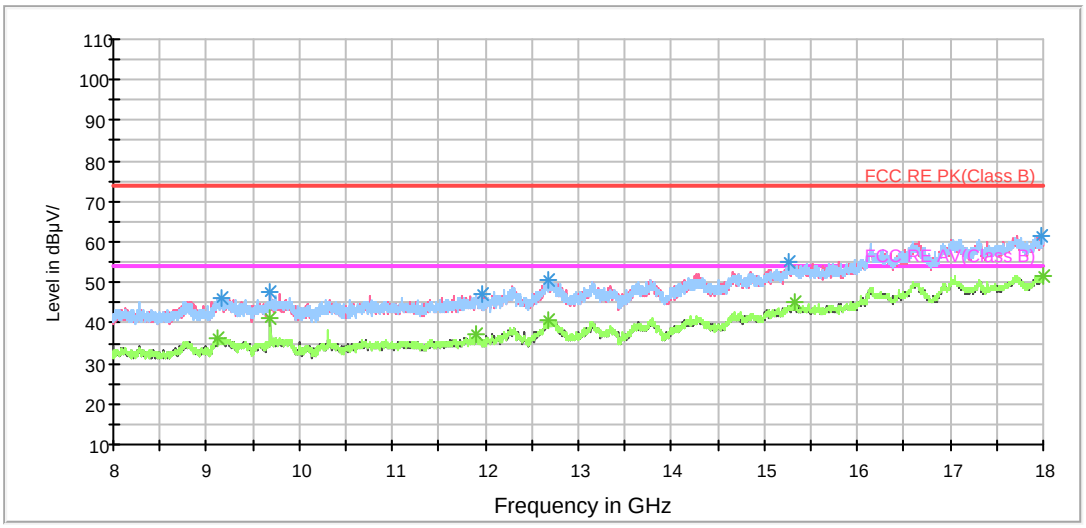
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

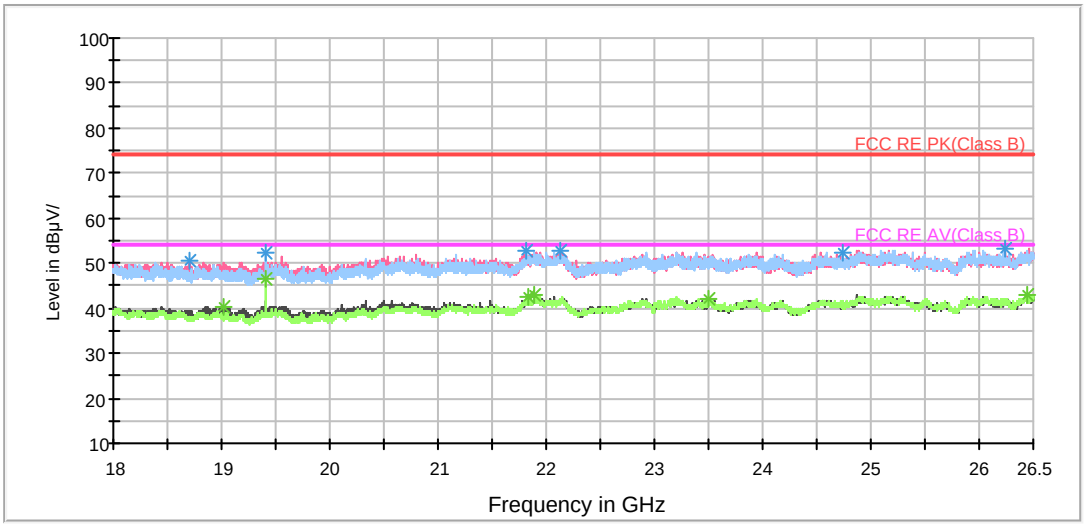
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



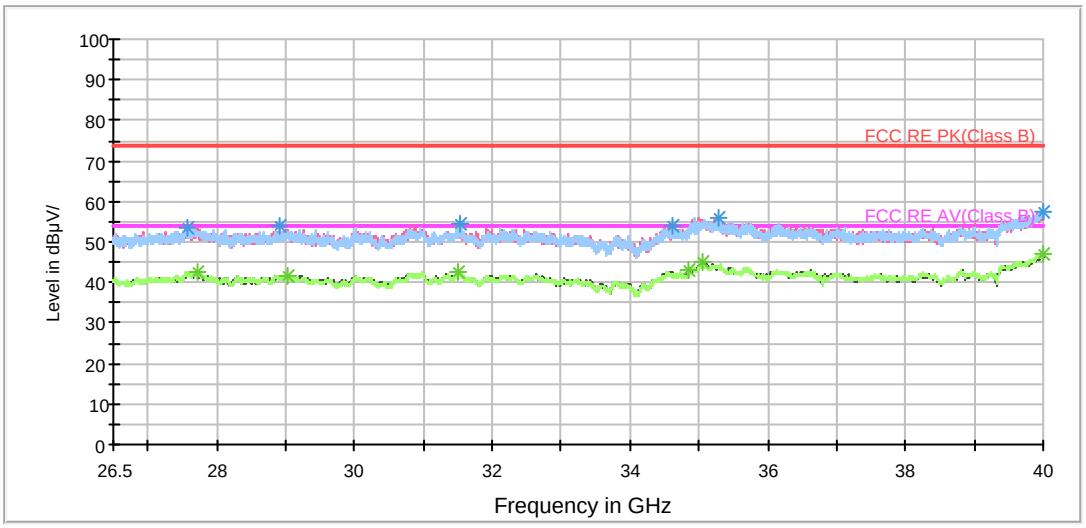
Radiates Emission from 8GHz to 18GHz

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

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	42.2	200.0	V	195.0	45.4	-3.2	31.8	74
4033.125000	38.3	200.0	V	235.0	39.4	-1.1	35.7	74
4682.500000	41.0	200.0	H	192.0	40.2	0.8	33.0	74
6756.250000	44.8	200.0	V	254.0	39.3	5.5	29.2	74
6991.250000	46.1	200.0	H	202.0	39.6	6.5	27.9	74
7530.000000	43.8	200.0	V	304.0	36.7	7.1	30.2	74

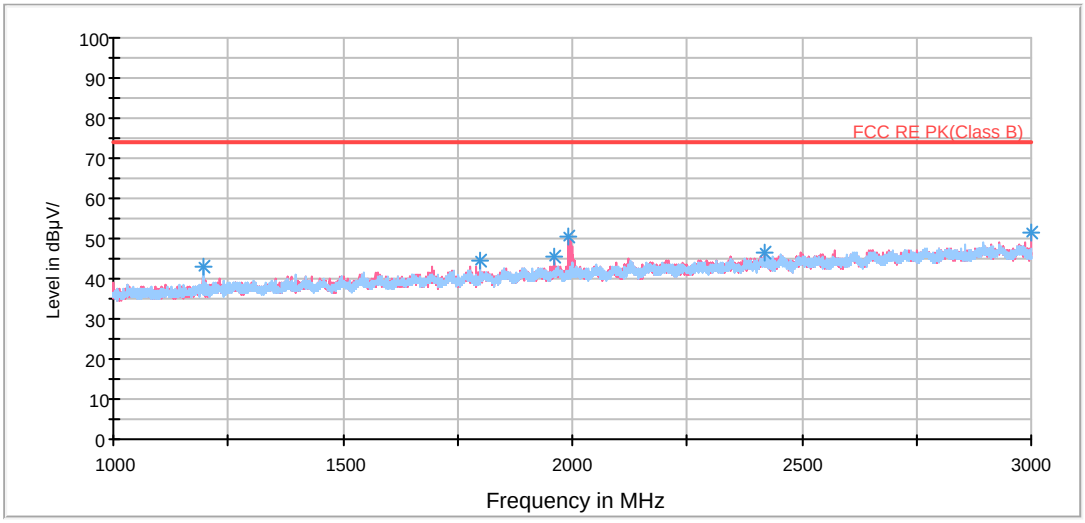
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	38.8	200.0	V	195.0	42.0	-3.2	15.2	54
4093.125000	27.9	200.0	V	333.0	28.8	-0.9	26.1	54
4823.750000	32.6	200.0	H	24.0	31.2	1.4	21.4	54
6683.125000	34.1	200.0	V	353.0	28.6	5.5	19.9	54
7000.000000	35.8	200.0	H	132.0	29.2	6.6	18.2	54
7532.500000	33.4	200.0	V	274.0	26.3	7.1	20.6	54

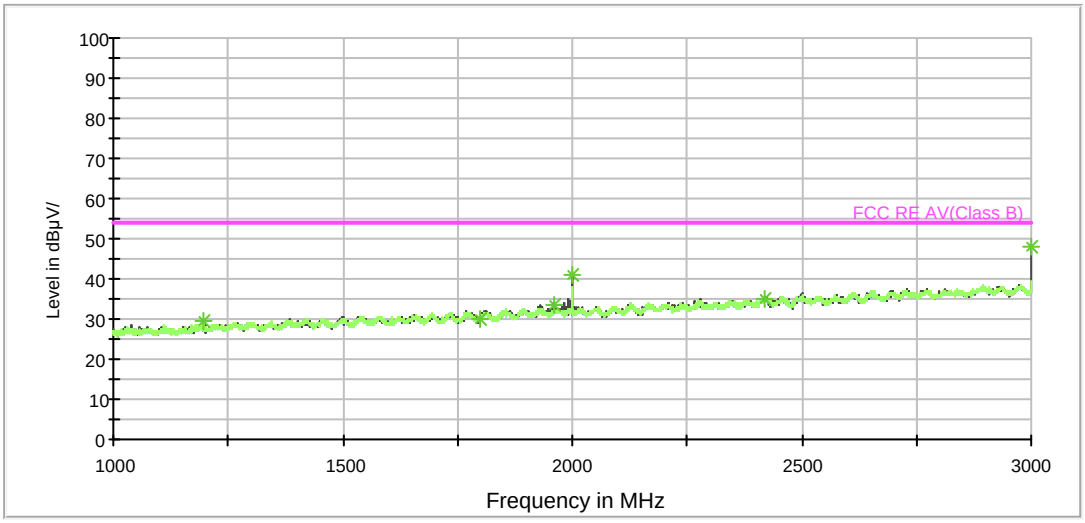
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

802.11 n (HT40) CH151

RE 1G-3GHz PK+AV

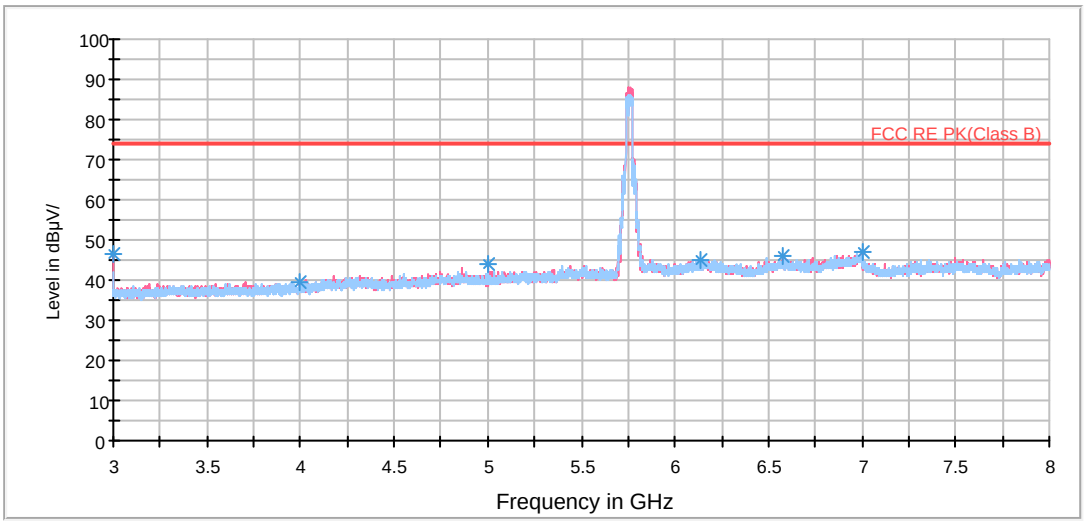


RE 1G-3GHz PK+AV

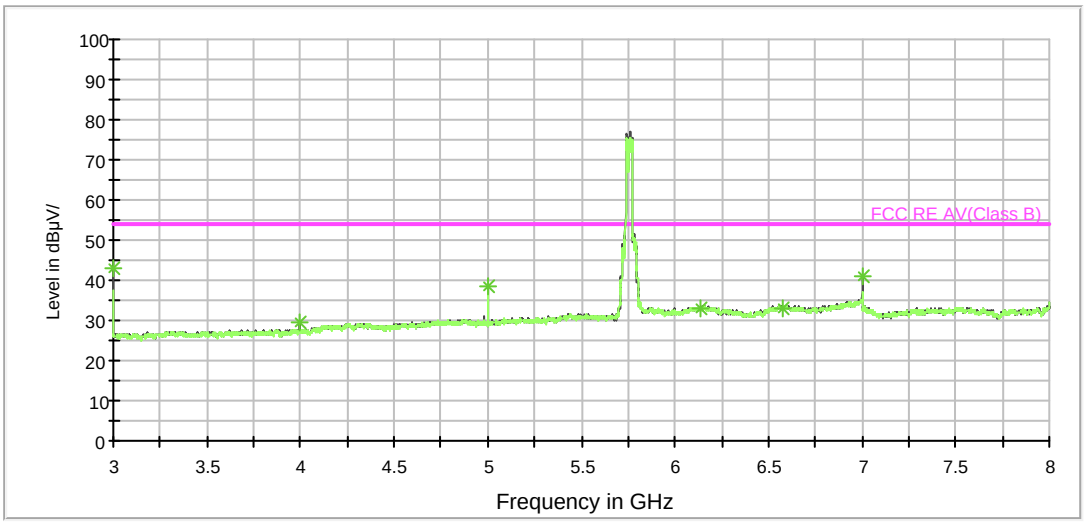


Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



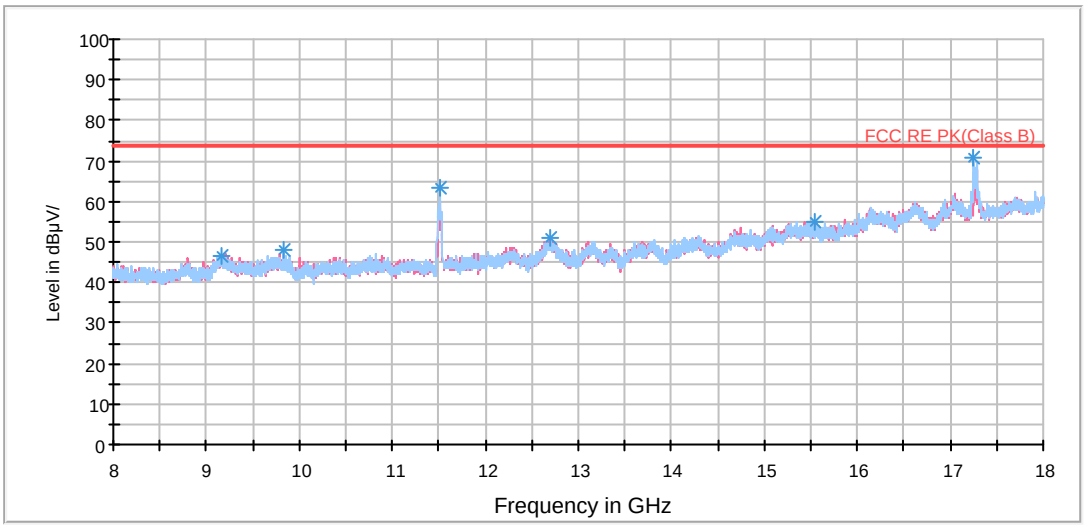
RE 3-18GHz PK+AV



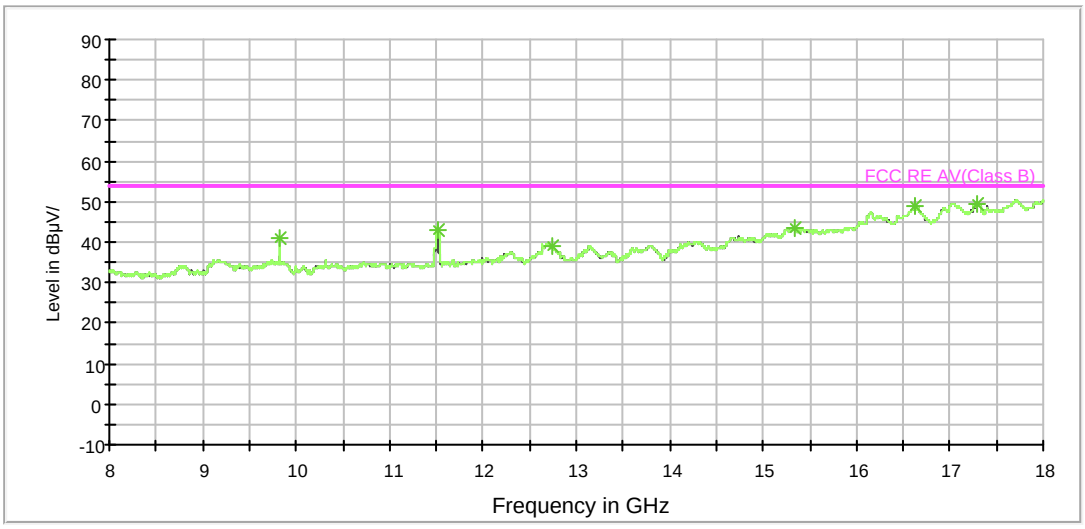
Radiates Emission from 3GHz to 8GHz

Note: The signal beyond the limit is carrier.

RE 3-18GHz PK+AV

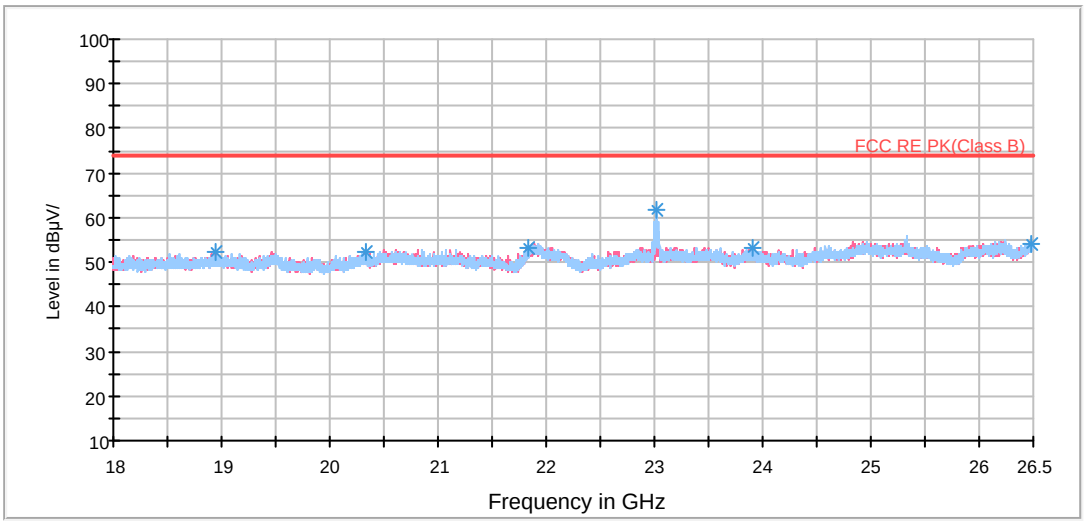


RE 3-18GHz PK+AV

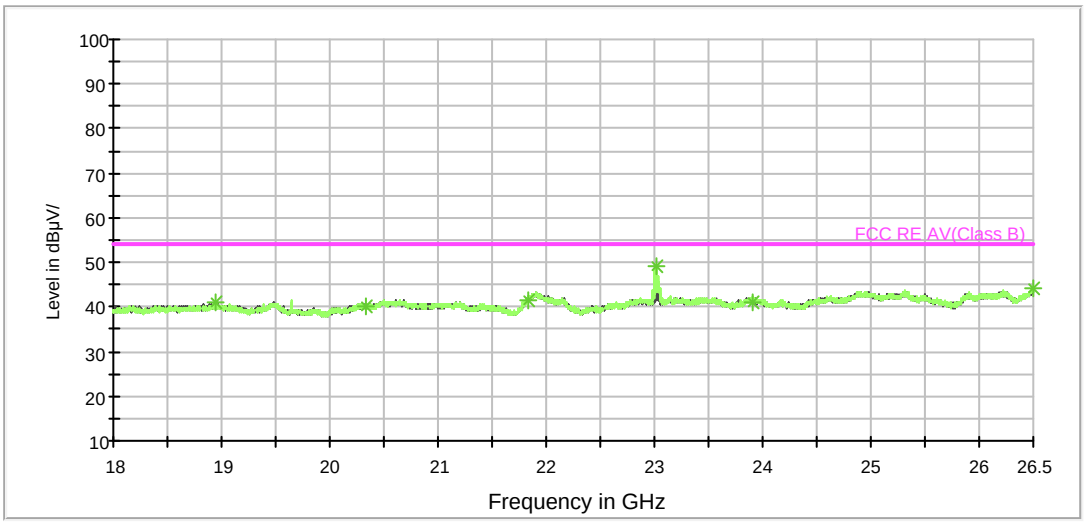


Radiates Emission from 8GHz to18GHz

BELL_RE 18-26.5GHz PK+AV

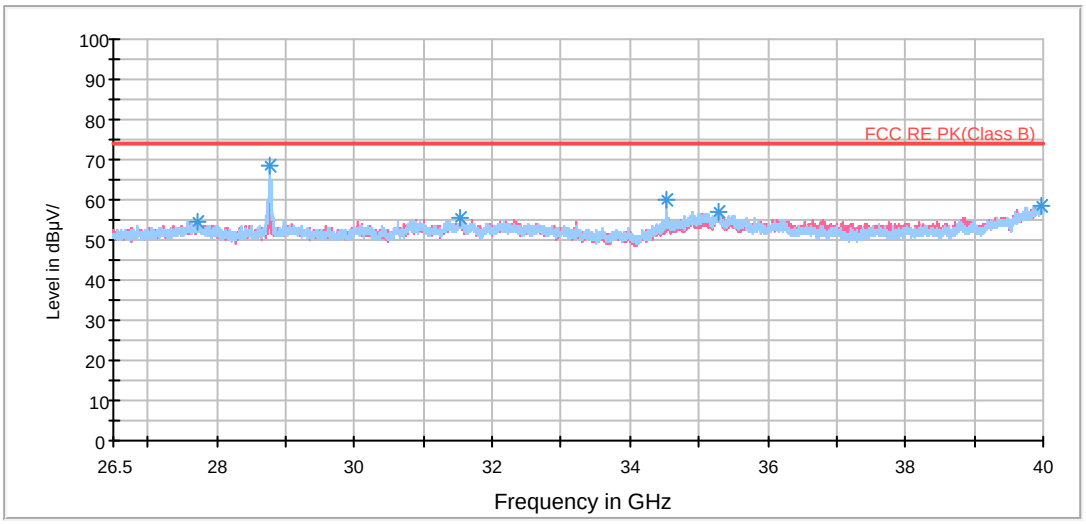


BELL_RE 18-26.5GHz PK+AV

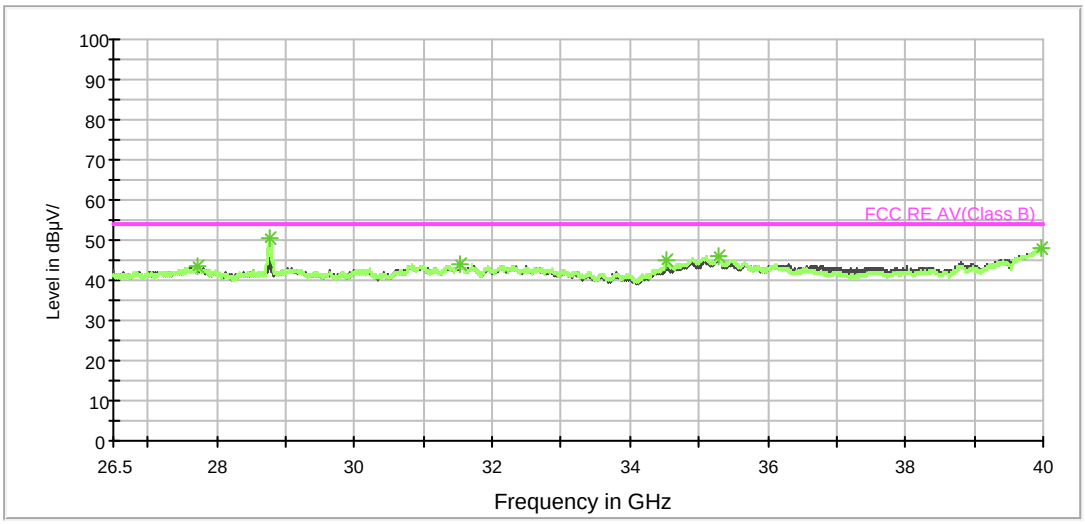


Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	46.3	200.0	V	136.0	49.5	-3.2	27.7	74
4000.000000	39.7	200.0	V	177.0	40.8	-1.1	34.3	74
5000.000000	44.0	200.0	V	225.0	42.4	1.6	30.0	74
6141.250000	45.2	200.0	H	139.0	39.8	5.4	28.8	74
6581.250000	46.1	200.0	V	283.0	40.6	5.5	27.9	74
7000.000000	47.0	200.0	V	235.0	40.4	6.6	27.0	74

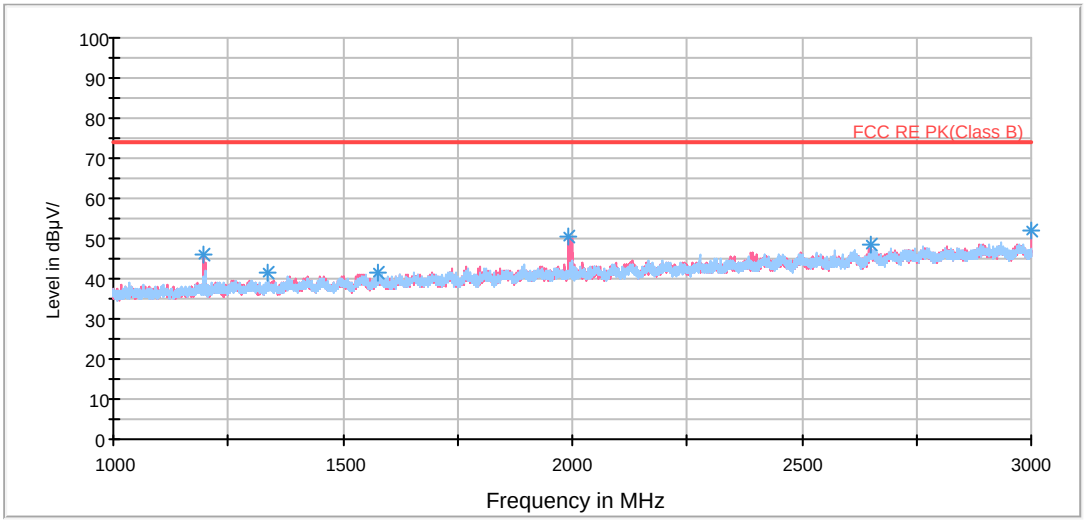
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	43.0	200.0	V	136.0	46.2	-3.2	11.0	54
4000.000000	29.3	200.0	V	177.0	30.4	-1.1	24.7	54
5000.000000	38.5	200.0	V	225.0	36.9	1.6	15.5	54
6141.250000	32.8	200.0	H	139.0	27.4	5.4	21.2	54
6581.250000	33.0	200.0	V	283.0	27.5	5.5	21.0	54
7000.000000	41.1	200.0	V	235.0	34.5	6.6	12.9	54

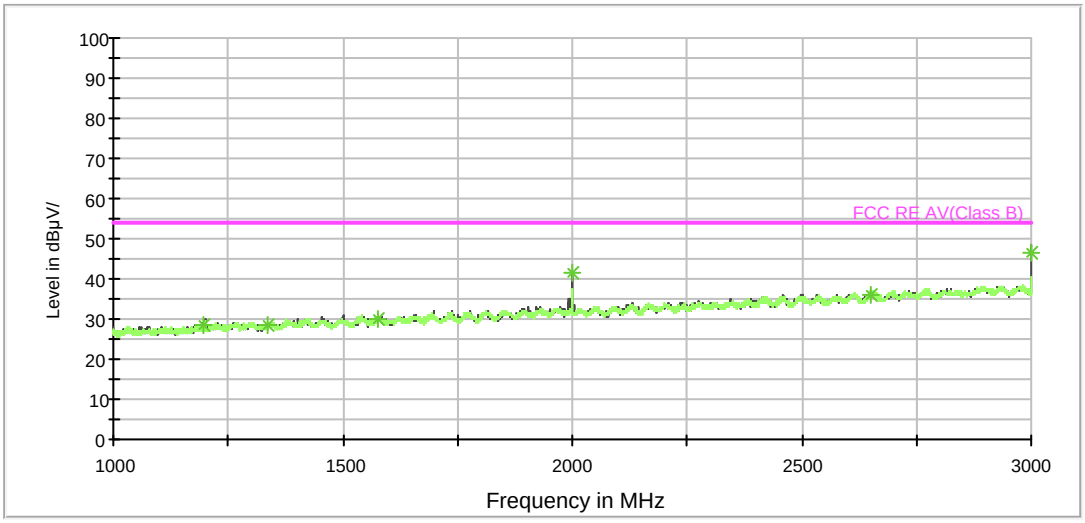
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

802.11 n (HT40) CH159

RE 1G-3GHz PK+AV

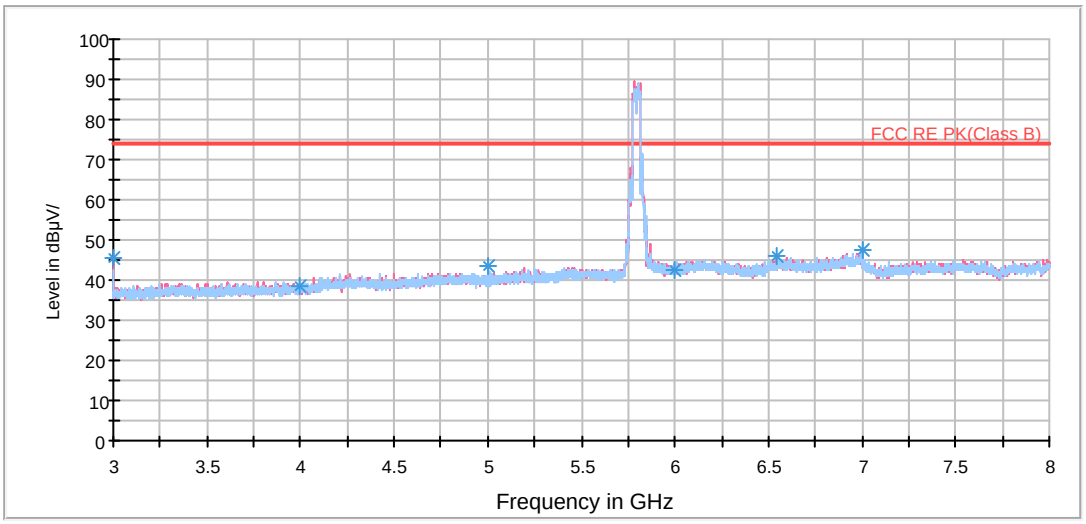


RE 1G-3GHz PK+AV

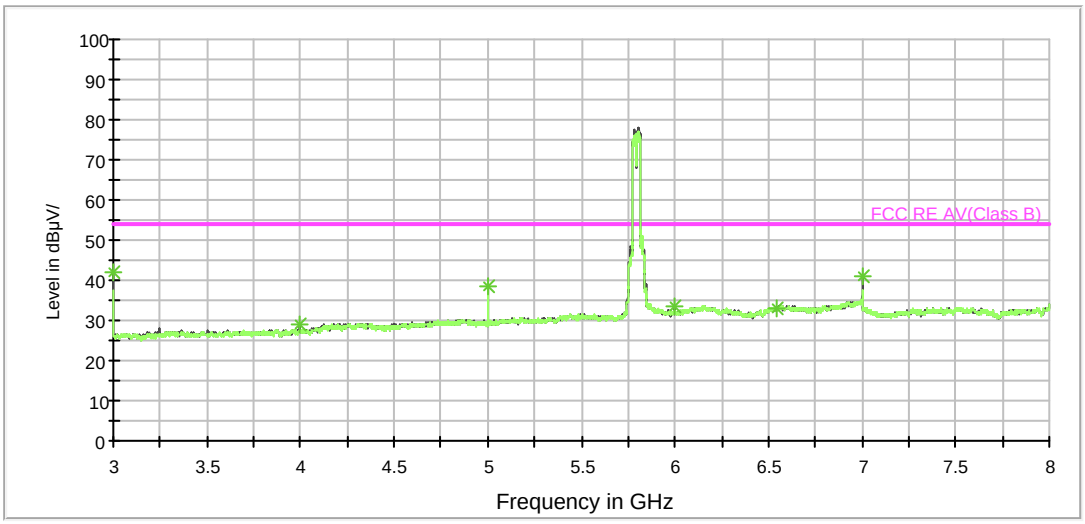


Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



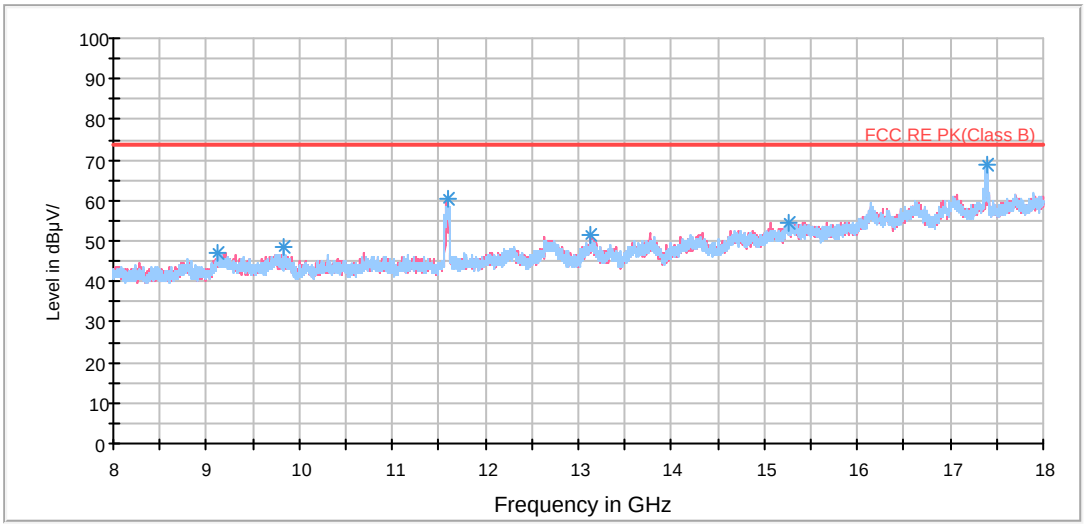
RE 3-18GHz PK+AV



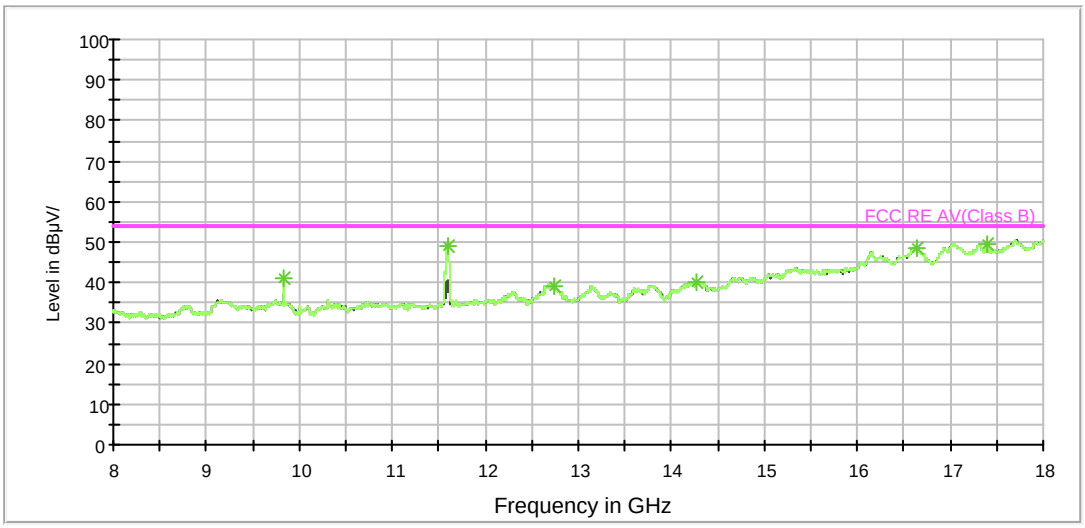
Radiates Emission from 3GHz to 8GHz

Note: The signal beyond the limit is carrier.

RE 3-18GHz PK+AV

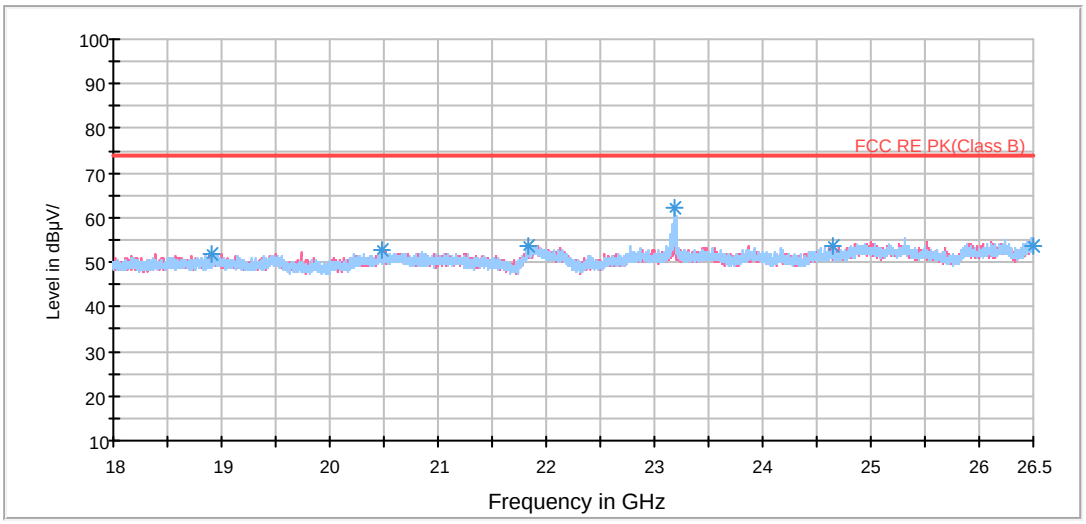


RE 3-18GHz PK+AV

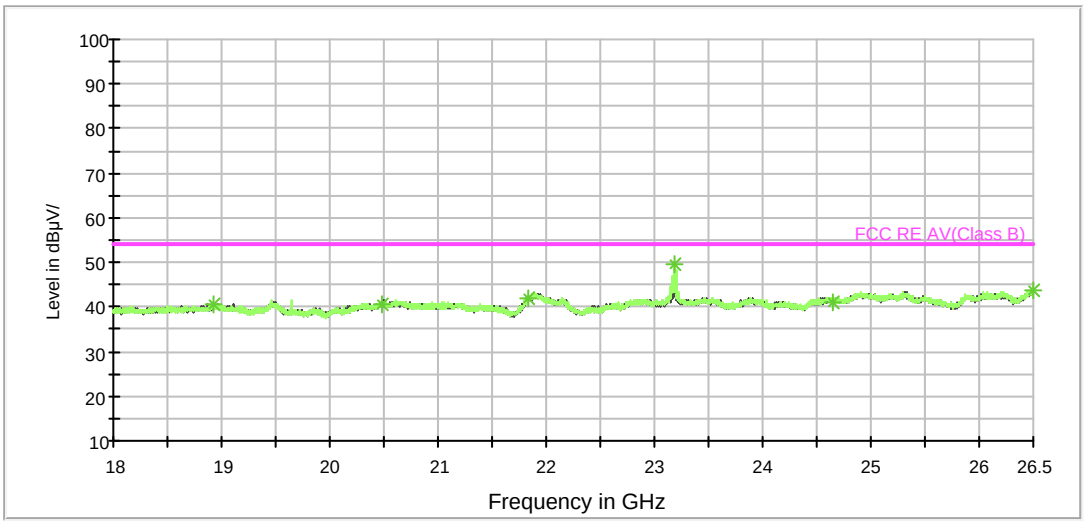


Radiates Emission from 8GHz to18GHz

BELL_RE 18-26.5GHz PK+AV

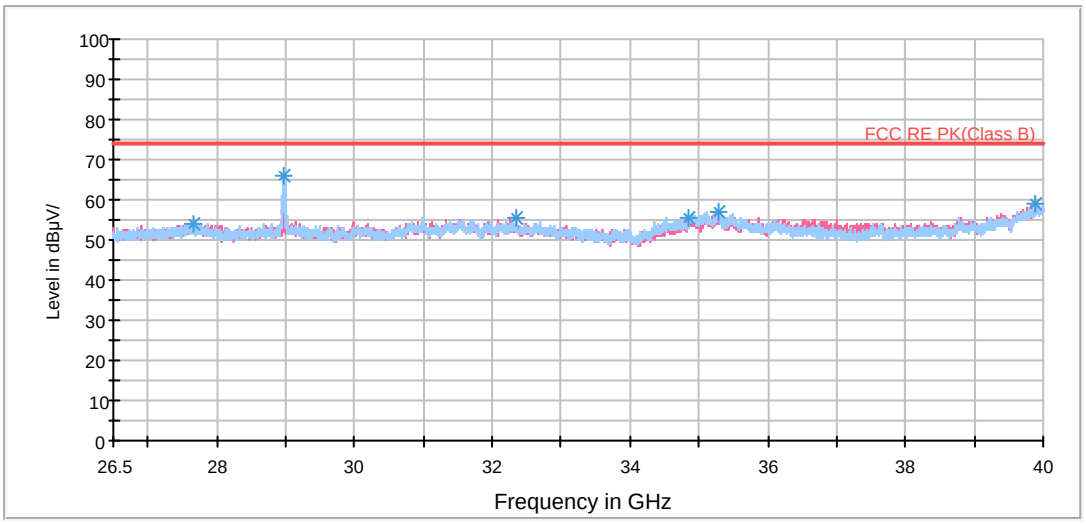


BELL_RE 18-26.5GHz PK+AV

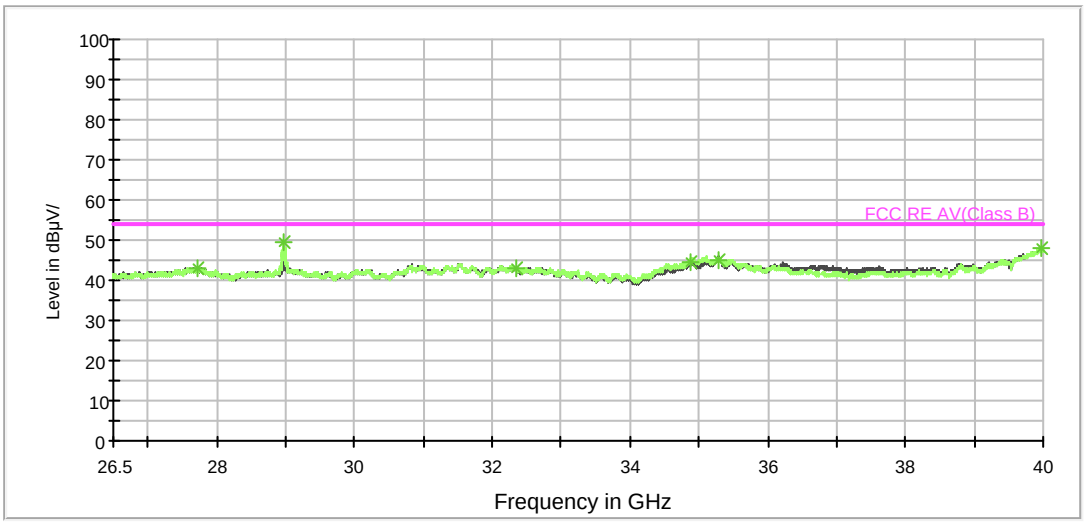


Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	45.5	200.0	V	171.0	48.7	-3.2	28.5	74
3999.375000	38.4	200.0	V	171.0	39.5	-1.1	35.6	74
5000.000000	43.3	200.0	V	240.0	41.7	1.6	30.7	74
6000.000000	42.6	200.0	V	250.0	37.7	4.9	31.4	74
6548.125000	46.2	200.0	V	329.0	40.7	5.5	27.8	74
7000.000000	47.6	200.0	V	230.0	41.0	6.6	26.4	74

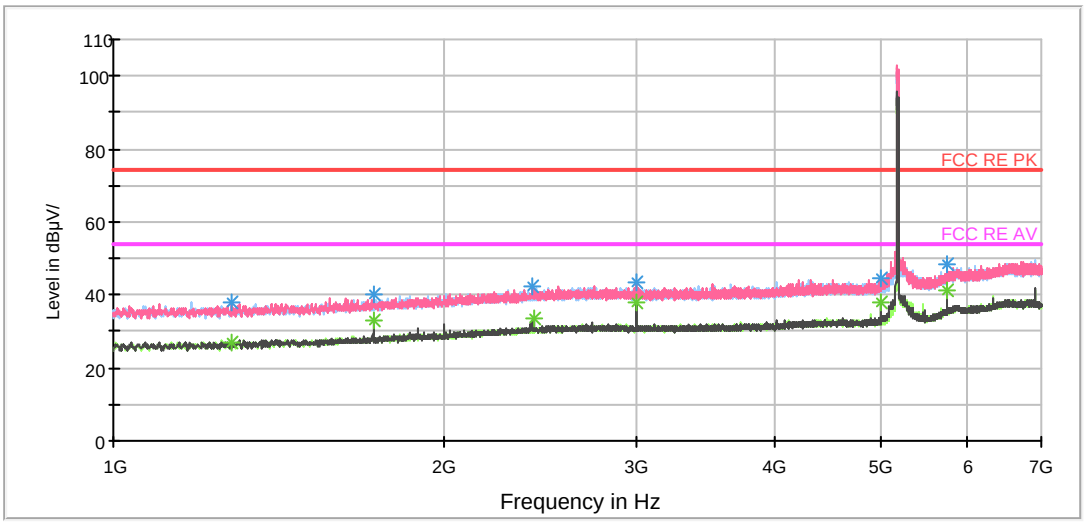
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	42.2	200.0	V	171.0	45.4	-3.2	11.8	54
3999.375000	28.8	200.0	V	171.0	29.9	-1.1	25.2	54
5000.000000	38.5	200.0	V	240.0	36.9	1.6	15.5	54
6000.000000	33.7	200.0	V	250.0	28.8	4.9	20.3	54
6548.125000	32.8	200.0	V	329.0	27.3	5.5	21.2	54
7000.000000	41.2	200.0	V	230.0	34.6	6.6	12.8	54

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

802.11ac (HT20) CH36

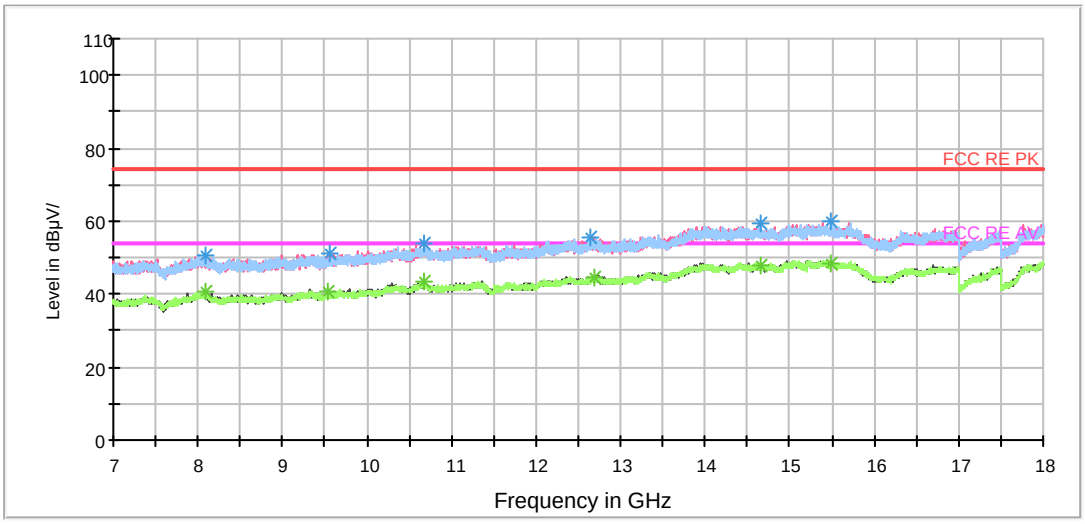
FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 1GHz to 7GHz

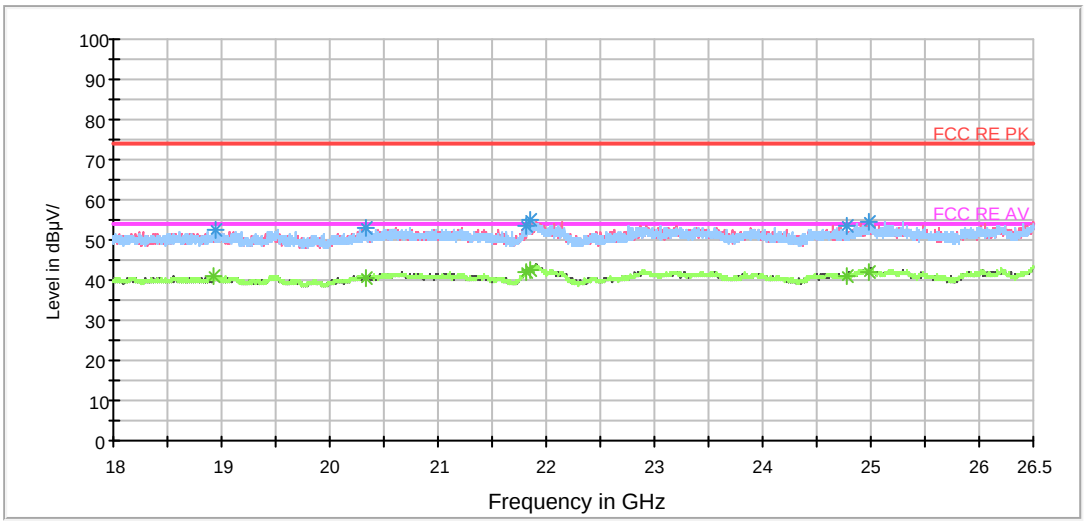
Note: The signal beyond the limit is carrier.

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



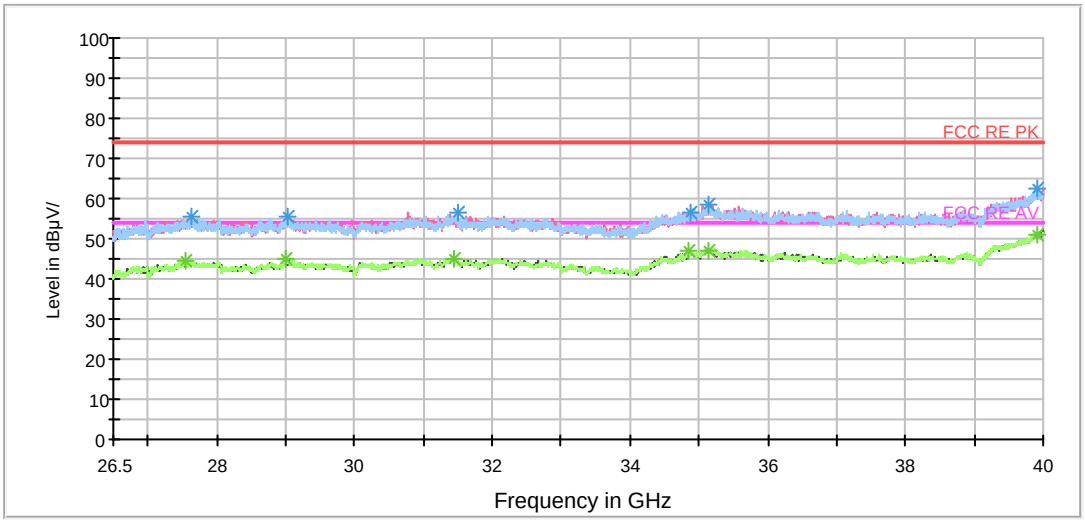
Radiates Emission from 7GHz to 18GHz

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

RE 26.5-40GHz PK+AV Class B



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1282.750000	38.1	100.0	V	28.0	45.9	-7.8	35.9	74
1724.500000	39.9	100.0	V	2.0	45.0	-5.1	34.1	74
2407.750000	42.1	100.0	V	75.0	43.3	-1.2	31.9	74
2999.500000	43.2	100.0	V	104.0	43.7	-0.5	30.8	74
4999.750000	44.5	100.0	V	269.0	42.9	1.6	29.5	74
5755.750000	48.2	100.0	H	251.0	43.2	5.0	25.8	74

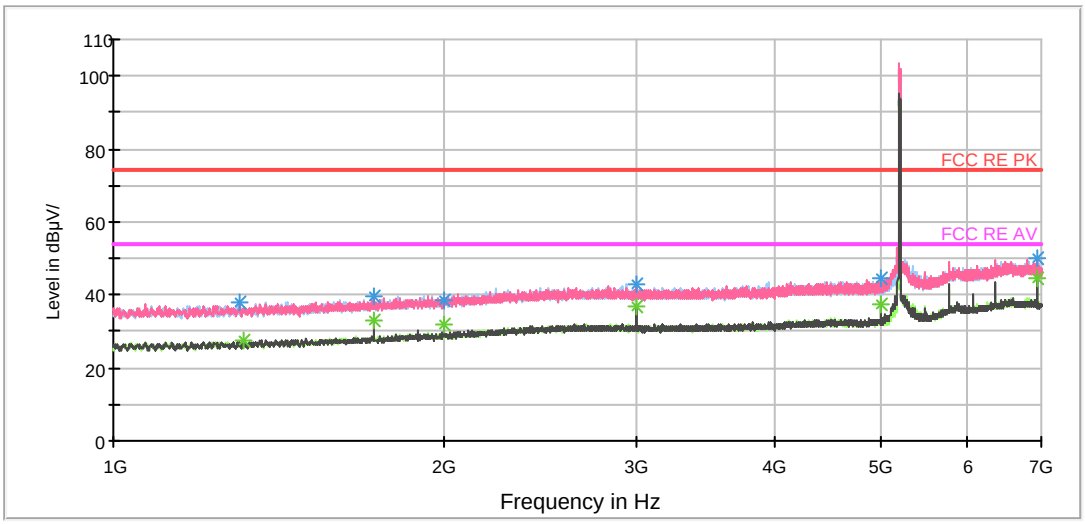
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1282.750000	26.7	100.0	V	28.0	34.5	-7.8	27.3	54
1724.500000	33.2	100.0	V	2.0	38.3	-5.1	20.8	54
2412.250000	33.5	100.0	V	75.0	34.7	-1.2	20.5	54
3000.250000	37.9	100.0	V	104.0	38.4	-0.5	16.1	54
5000.500000	37.9	100.0	V	124.0	36.3	1.6	16.1	54
5755.750000	41.1	100.0	V	269.0	36.1	5.0	12.9	54

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

802.11ac (HT20) CH40

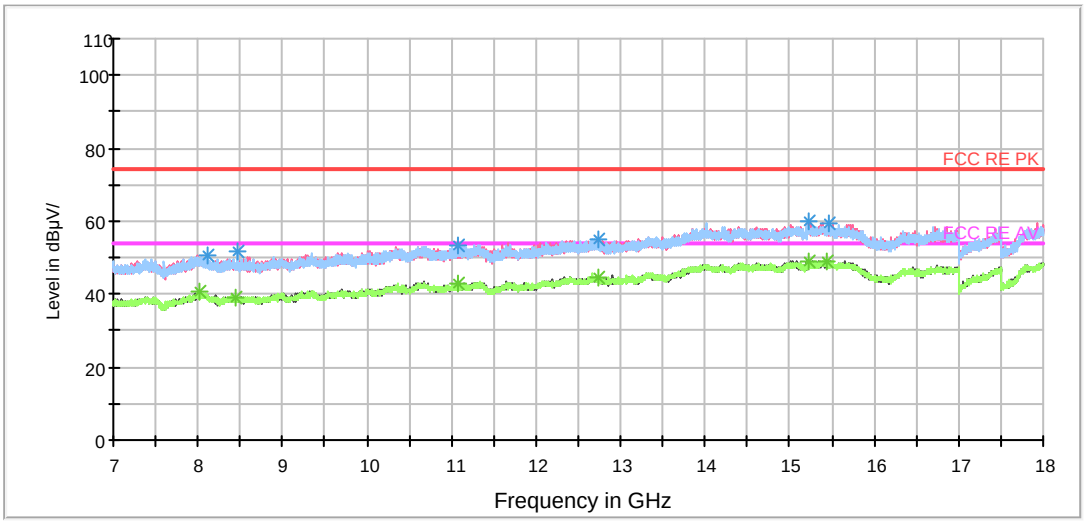
FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 1GHz to 7GHz

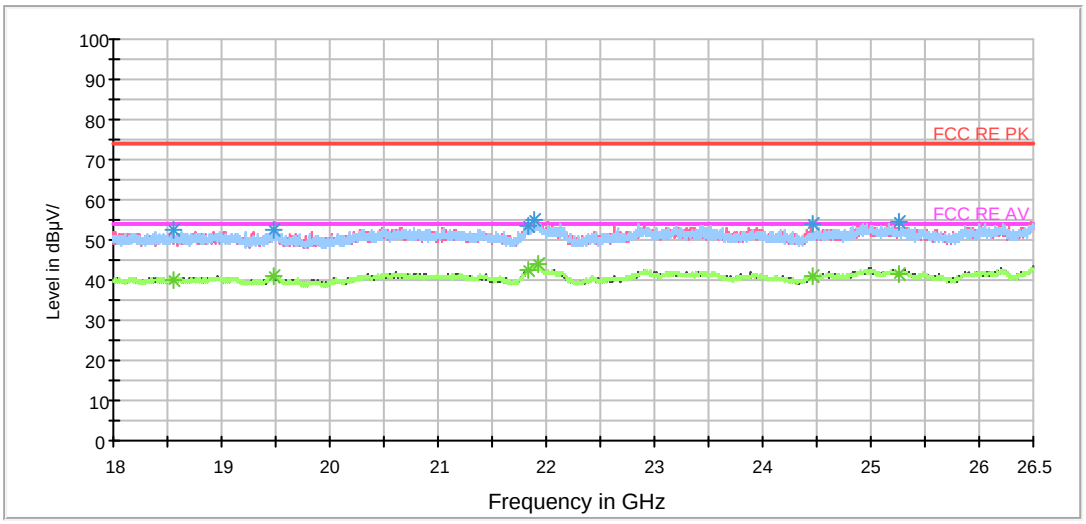
Note: The signal beyond the limit is carrier.

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



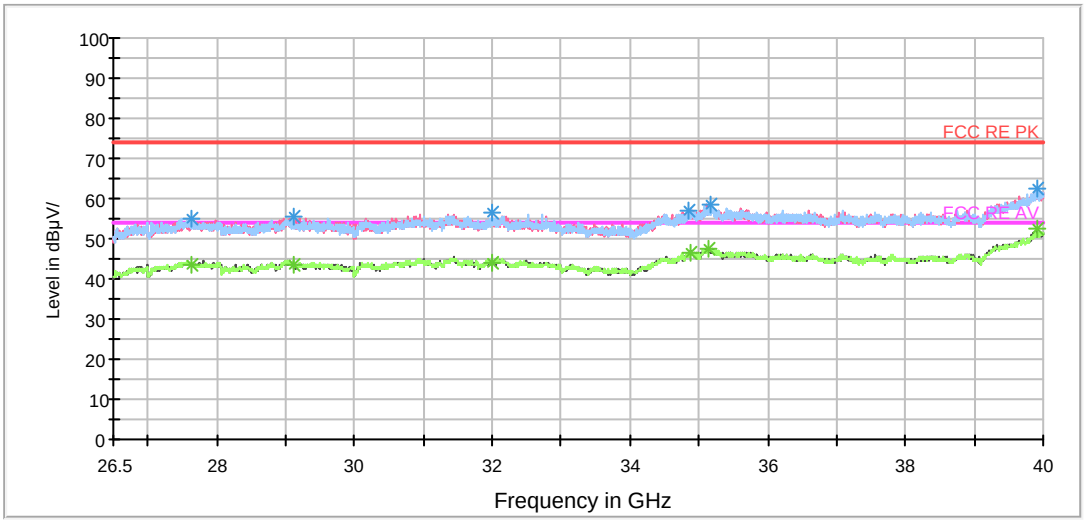
Radiates Emission from 7GHz to 18GHz

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

RE 26.5-40GHz PK+AV Class B



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1301.500000	38.1	100.0	V	122.0	45.7	-7.6	35.9	74
1724.500000	39.7	100.0	V	2.0	44.8	-5.1	34.3	74
1996.750000	38.5	100.0	H	102.0	42.1	-3.6	35.5	74
3000.250000	42.7	100.0	V	102.0	43.2	-0.5	31.3	74
4999.750000	44.5	100.0	V	72.0	42.9	1.6	29.5	74
6933.250000	50.0	100.0	V	302.0	42.8	7.2	24.0	74

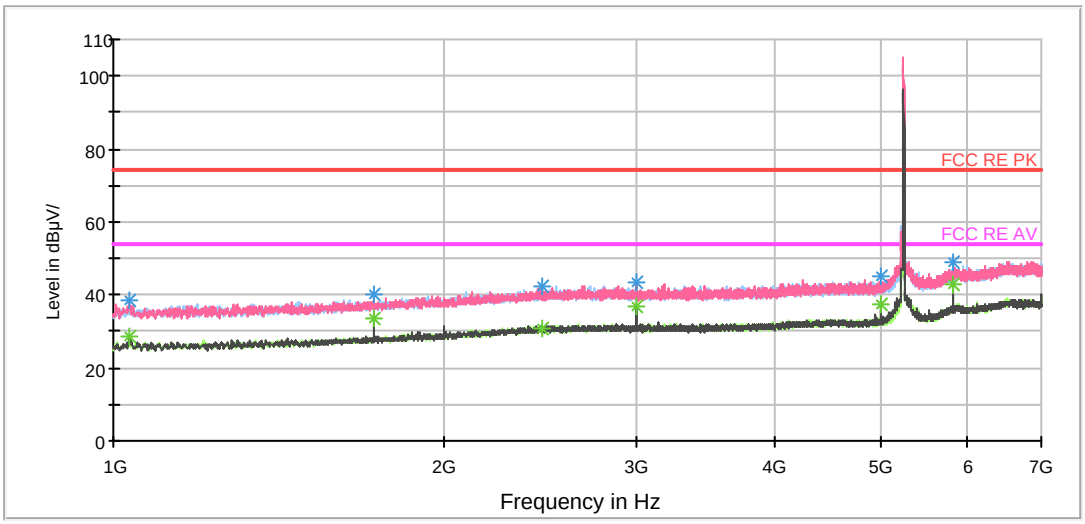
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1314.250000	27.4	100.0	H	318.0	34.9	-7.5	26.6	54
1724.500000	33.1	100.0	V	2.0	38.2	-5.1	20.9	54
1999.750000	31.8	100.0	V	3.0	35.4	-3.6	22.2	54
3000.250000	36.9	100.0	V	102.0	37.4	-0.5	17.1	54
5000.500000	37.4	100.0	V	141.0	35.8	1.6	16.6	54
6933.250000	44.5	100.0	V	302.0	37.3	7.2	9.5	54

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

802.11ac (HT20) CH48

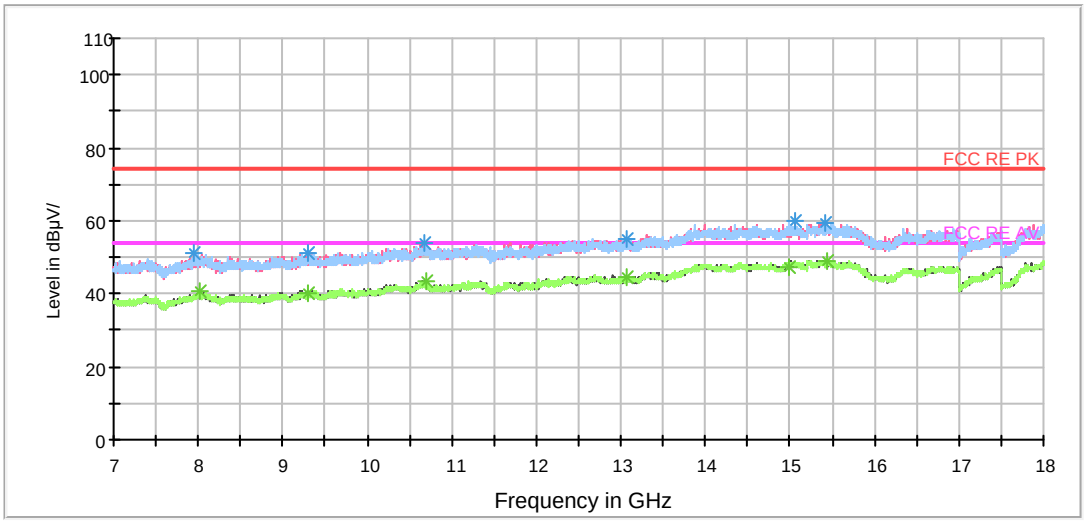
FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 1GHz to 7GHz

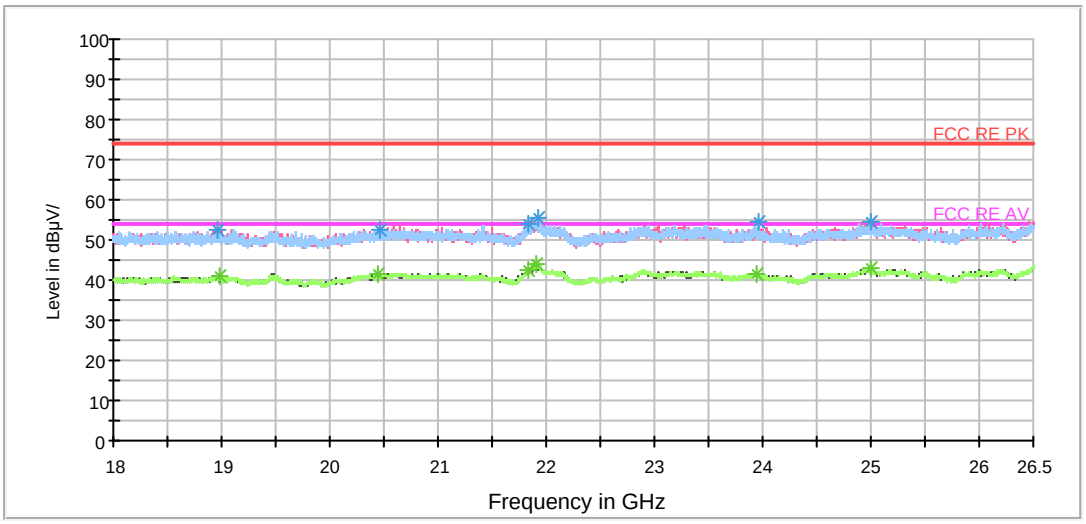
Note: The signal beyond the limit is carrier.

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



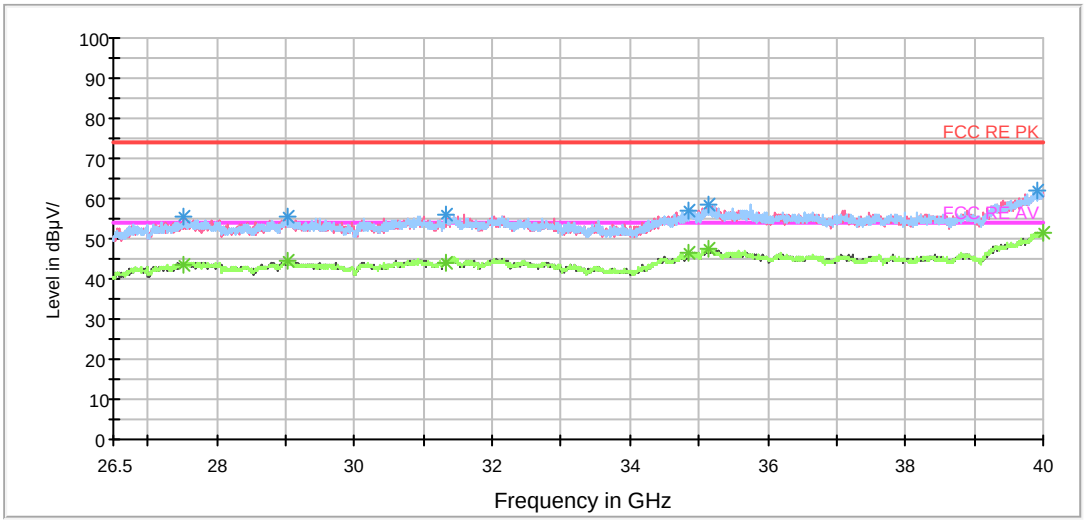
Radiates Emission from 7GHz to 18GHz

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

RE 26.5-40GHz PK+AV Class B



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1034.500000	38.5	100.0	V	108.0	47.6	-9.1	35.5	74
1724.500000	40.0	100.0	V	0.0	45.1	-5.1	34.0	74
2454.250000	42.3	100.0	V	1.0	43.4	-1.1	31.7	74
2999.500000	43.2	100.0	V	98.0	43.7	-0.5	30.8	74
5000.500000	44.9	100.0	V	227.0	43.3	1.6	29.1	74
5822.500000	48.7	100.0	H	303.0	43.3	5.4	25.3	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1036.000000	28.7	100.0	V	108.0	37.8	-9.1	25.3	54
1724.500000	33.3	100.0	V	0.0	38.4	-5.1	20.7	54
2454.250000	30.7	100.0	V	1.0	31.8	-1.1	23.3	54
3000.250000	36.9	100.0	V	98.0	37.4	-0.5	17.1	54
5000.500000	37.2	100.0	V	227.0	35.6	1.6	16.8	54
5822.500000	43.1	100.0	H	303.0	37.7	5.4	10.9	54

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

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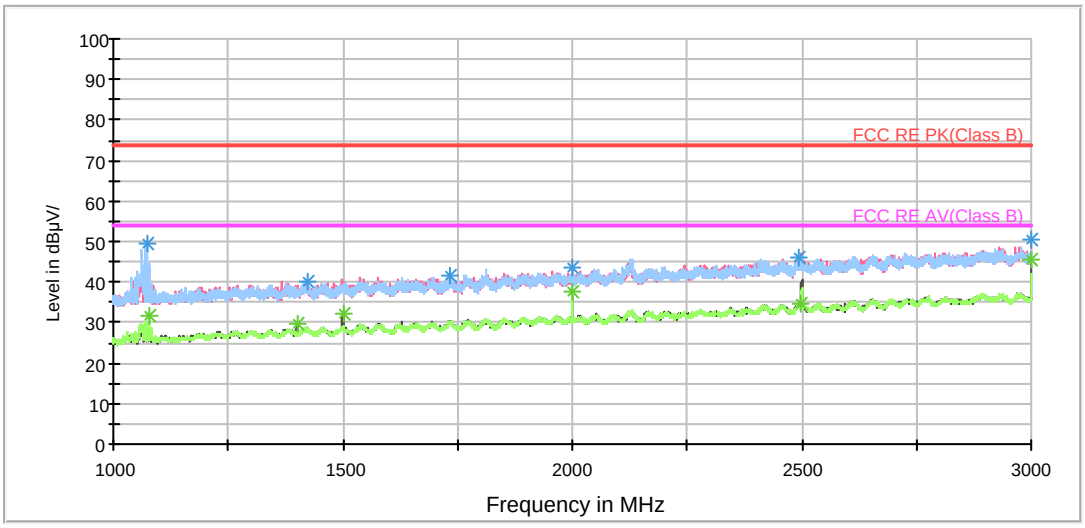
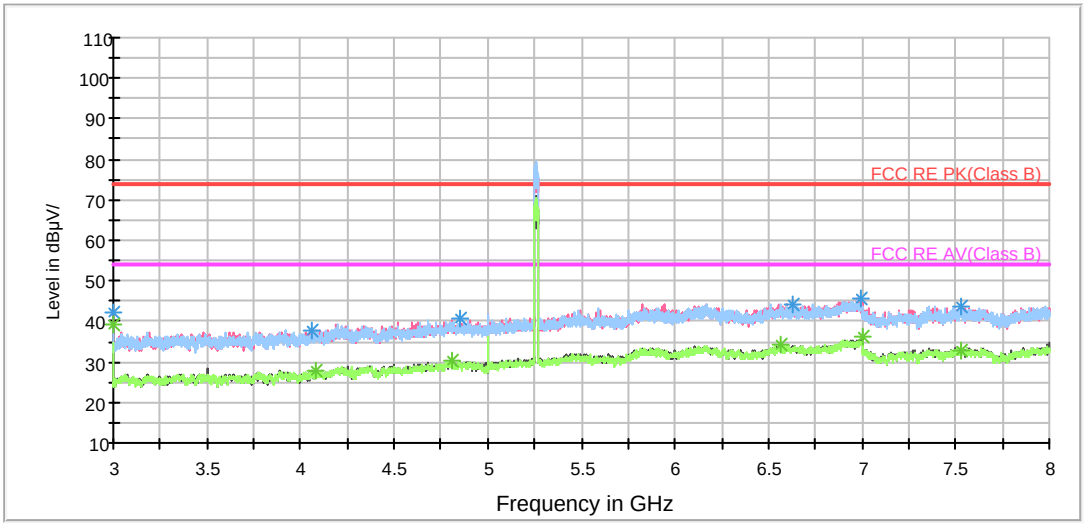
RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

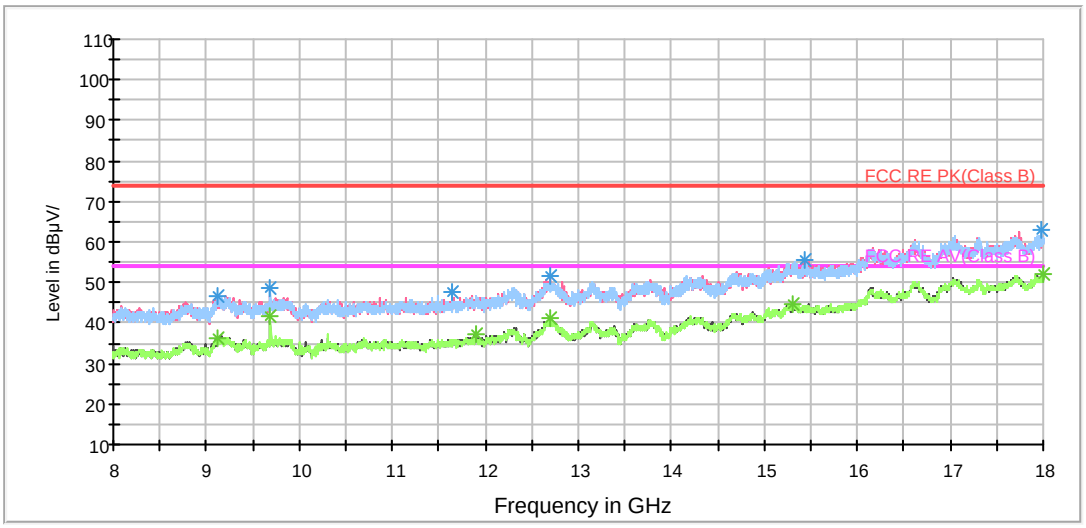
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

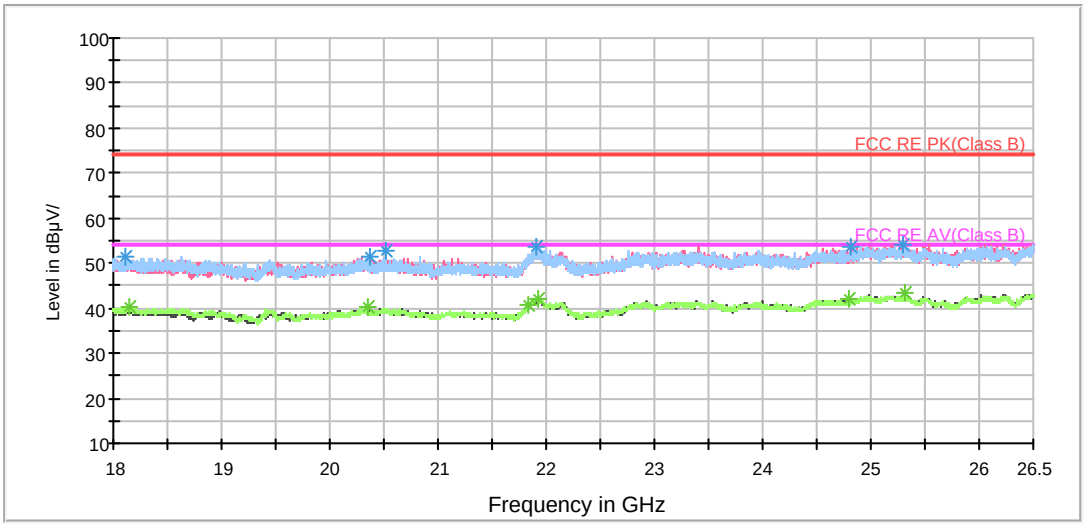
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



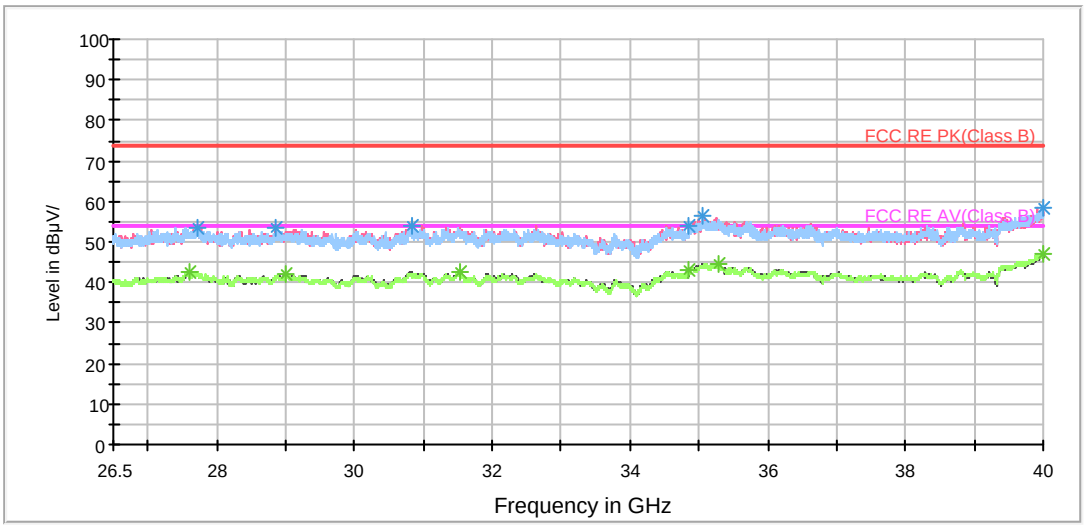
Radiates Emission from 8GHz to 18GHz

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

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	42.4	200.0	V	185.0	45.6	-3.2	31.6	74
4056.875000	37.9	200.0	H	101.0	39.0	-1.1	36.1	74
4851.875000	40.8	200.0	H	22.0	39.2	1.6	33.2	74
6628.125000	44.4	200.0	H	22.0	38.9	5.5	29.6	74
6991.875000	45.5	200.0	V	0.0	39.0	6.5	28.5	74
7530.000000	43.9	200.0	H	12.0	36.8	7.1	30.1	74

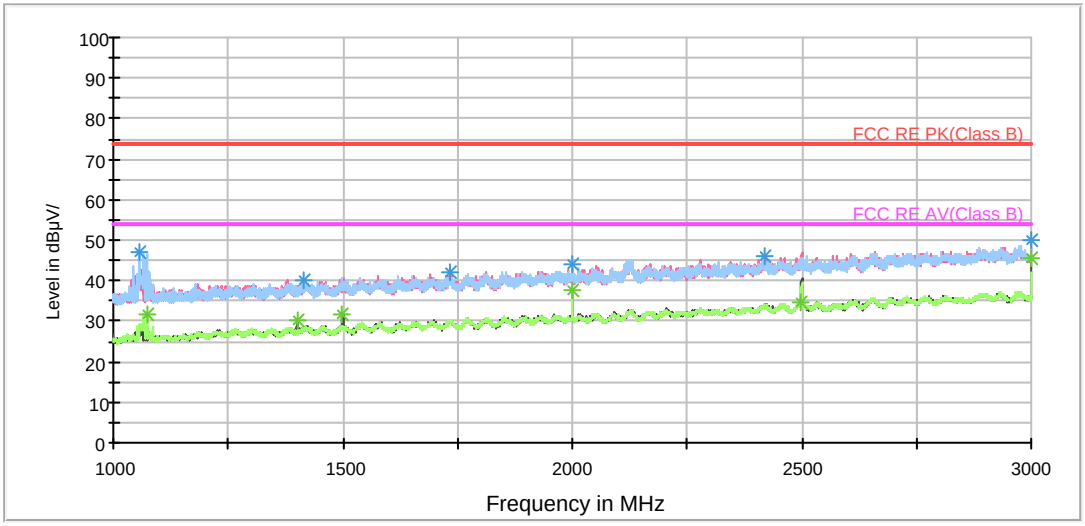
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	39.4	200.0	V	185.0	42.6	-3.2	14.6	54
4076.875000	28.0	200.0	V	216.0	28.9	-0.9	26.0	54
4807.500000	30.1	200.0	V	324.0	28.8	1.3	23.9	54
6570.000000	34.0	200.0	H	294.0	28.3	5.7	20.0	54
7000.000000	36.0	200.0	V	255.0	29.4	6.6	18.0	54
7530.000000	32.9	200.0	H	12.0	25.8	7.1	21.1	54

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

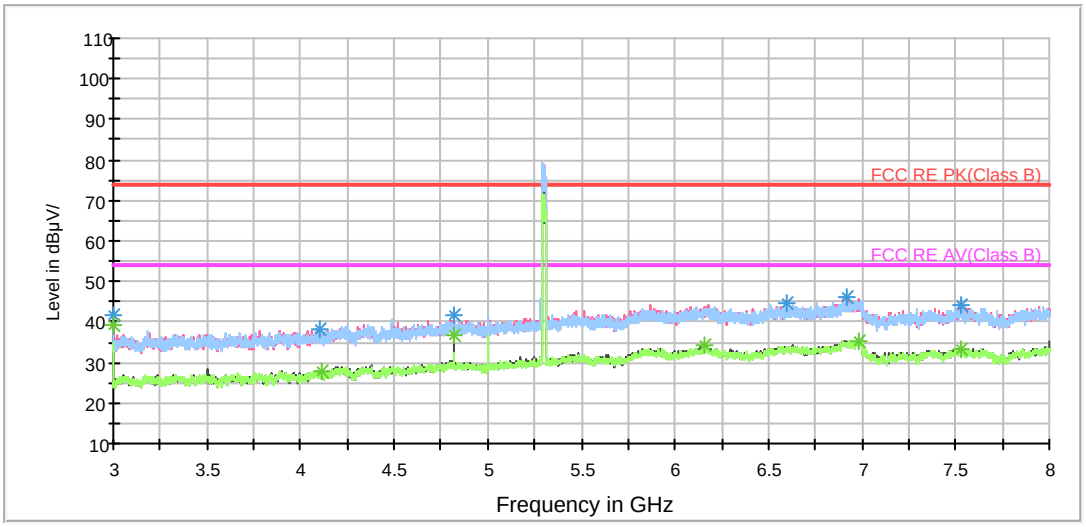
802.11ac (HT20) CH60

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

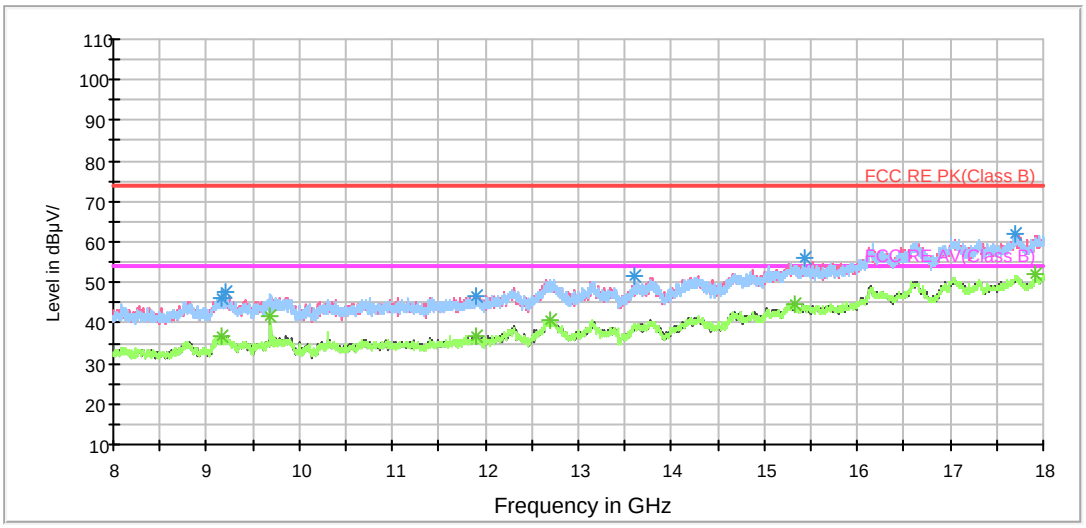
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

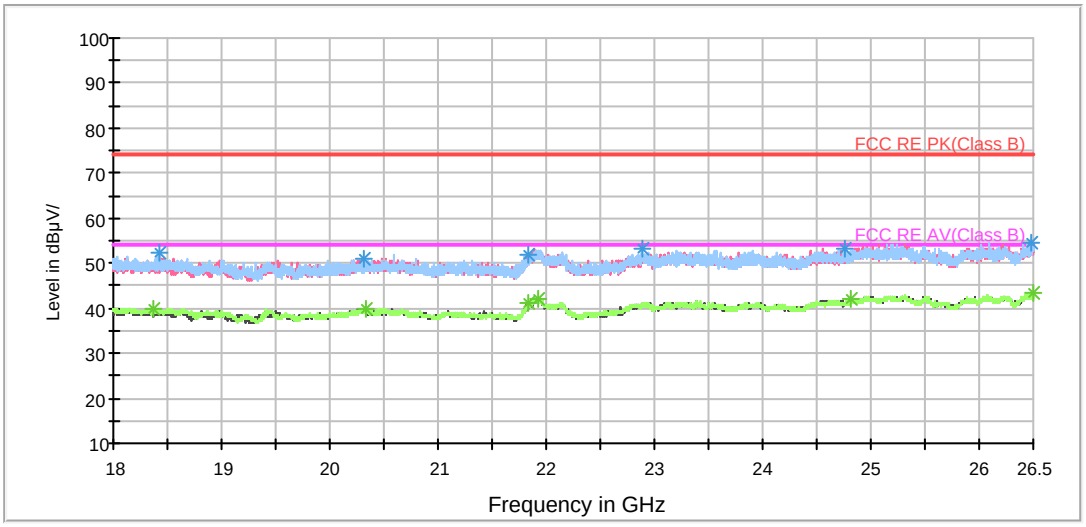
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



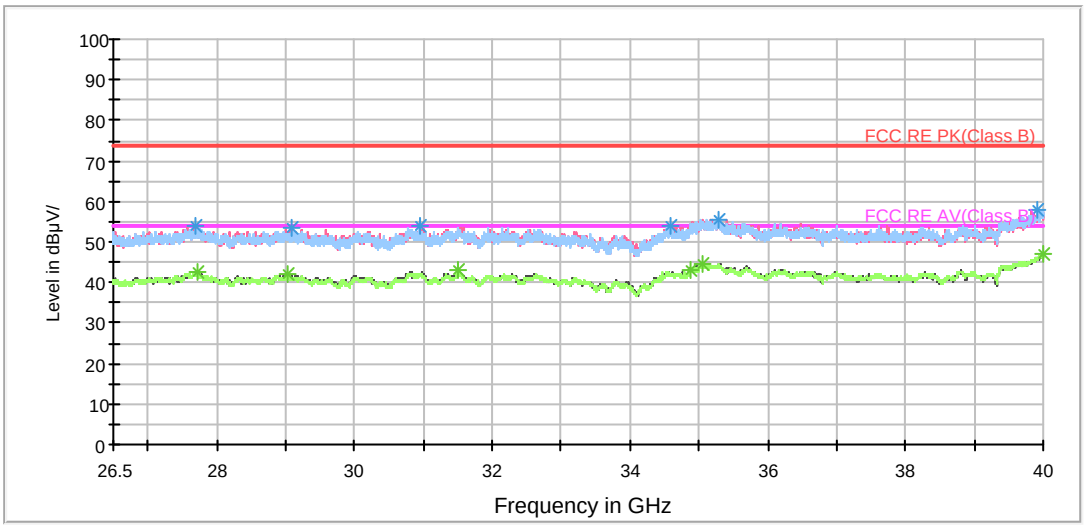
Radiates Emission from 8GHz to 18GHz

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

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	41.9	200.0	V	189.0	45.1	-3.2	32.1	74
4100.625000	38.0	200.0	V	170.0	39.0	-1.0	36.0	74
4824.375000	41.6	200.0	V	229.0	40.2	1.4	32.4	74
6593.750000	44.8	200.0	H	113.0	39.2	5.6	29.2	74
6918.125000	46.0	200.0	V	128.0	39.8	6.2	28.0	74
7533.125000	44.1	200.0	V	284.0	37.1	7.0	29.9	74

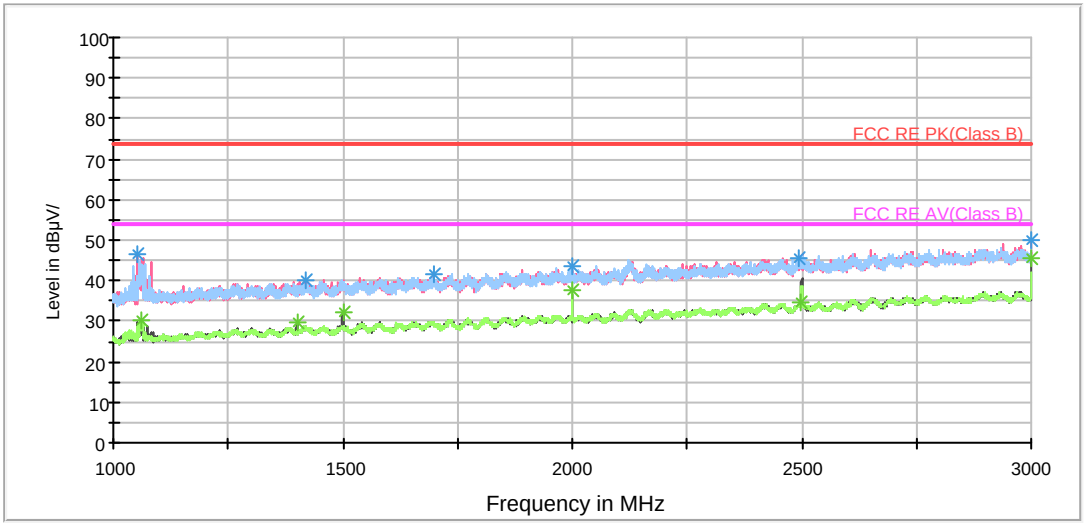
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	39.0	200.0	V	189.0	42.2	-3.2	15.0	54
4114.375000	27.8	200.0	V	218.0	28.4	-0.6	26.2	54
4823.750000	36.5	200.0	V	229.0	35.1	1.4	17.5	54
6158.125000	34.4	200.0	V	75.0	28.8	5.6	19.6	54
6978.125000	35.4	200.0	V	33.0	29.1	6.3	18.6	54
7528.750000	33.4	200.0	V	321.0	26.3	7.1	20.6	54

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

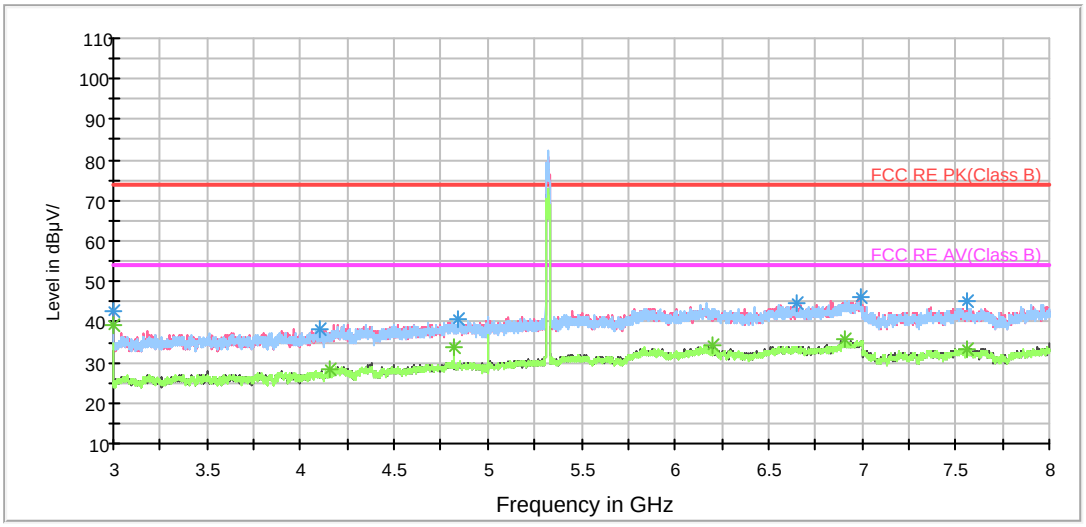
802.11ac (HT20) CH64

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

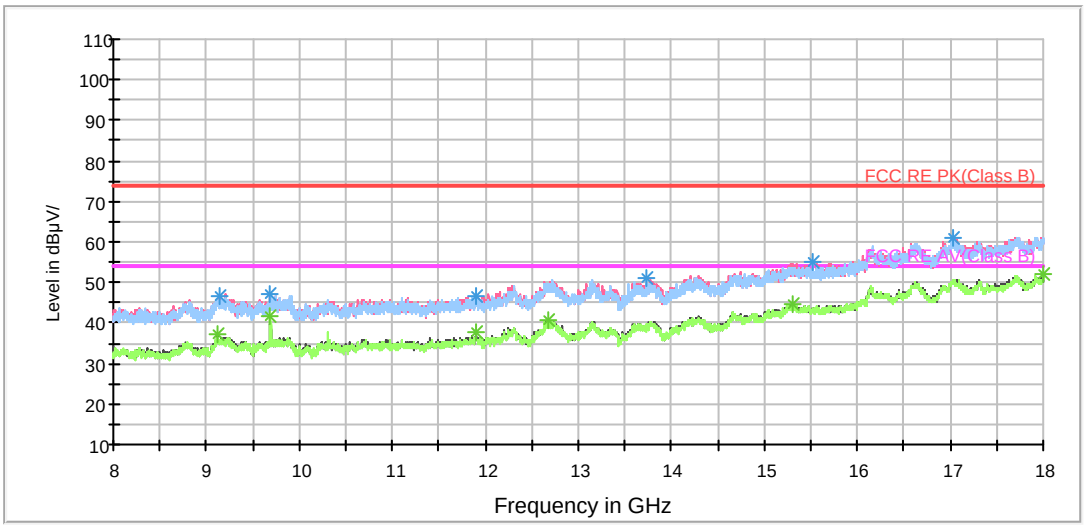
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

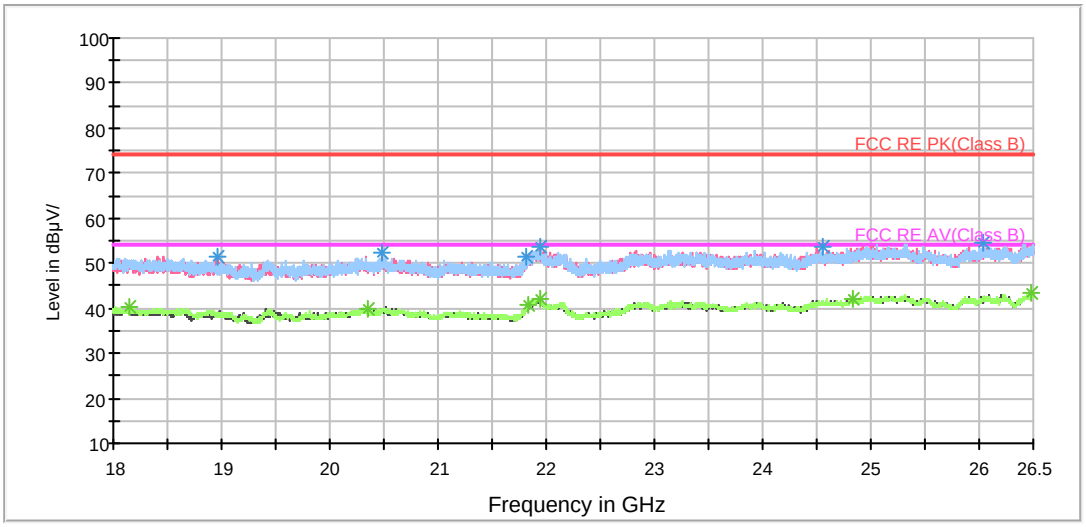
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



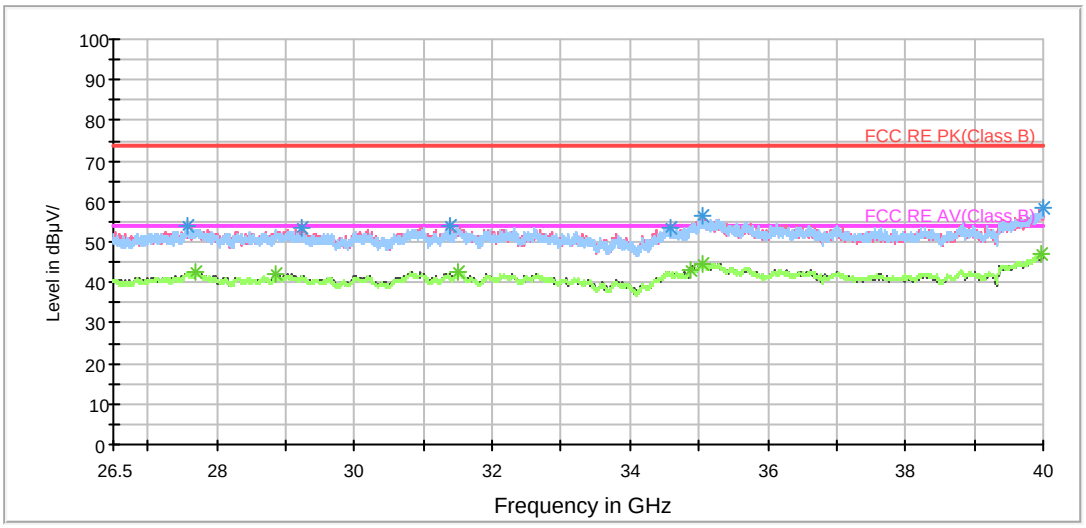
Radiates Emission from 8GHz to 18GHz

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

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	42.6	200.0	V	186.0	45.8	-3.2	31.4	74
4100.625000	38.1	200.0	V	45.0	39.1	-1.0	35.9	74
4844.375000	40.6	200.0	V	324.0	39.0	1.6	33.4	74
6651.250000	44.5	200.0	H	104.0	39.0	5.5	29.5	74
6990.000000	46.0	200.0	H	0.0	39.5	6.5	28.0	74
7557.500000	45.1	200.0	V	0.0	38.1	7.0	28.9	74

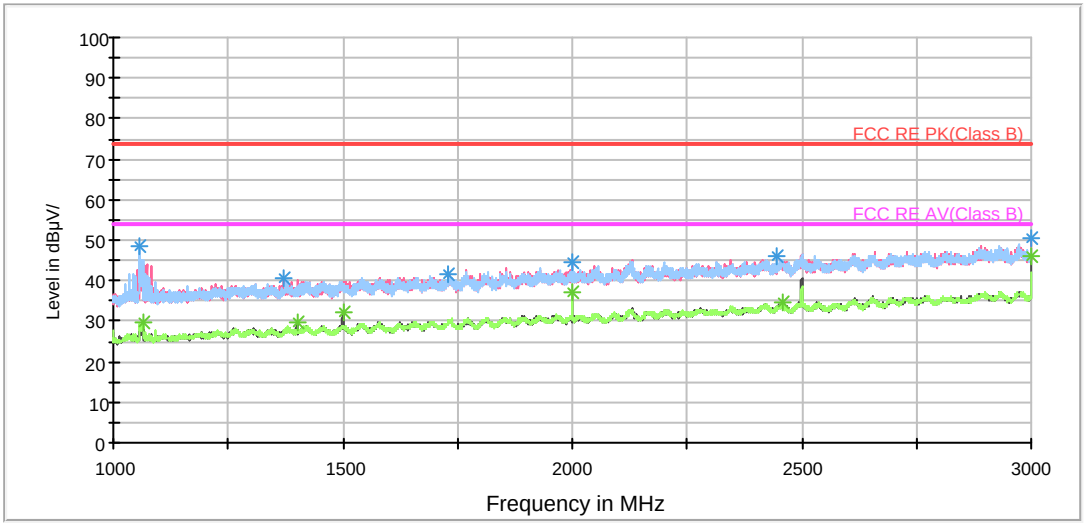
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	39.1	200.0	V	186.0	42.3	-3.2	14.9	54
4155.625000	28.2	200.0	V	226.0	28.3	-0.1	25.8	54
4823.750000	33.6	200.0	H	104.0	32.2	1.4	20.4	54
6197.500000	34.1	200.0	V	294.0	28.7	5.4	19.9	54
6906.875000	35.6	200.0	V	87.0	29.3	6.3	18.4	54
7561.875000	33.2	200.0	V	186.0	26.2	7.0	20.8	54

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

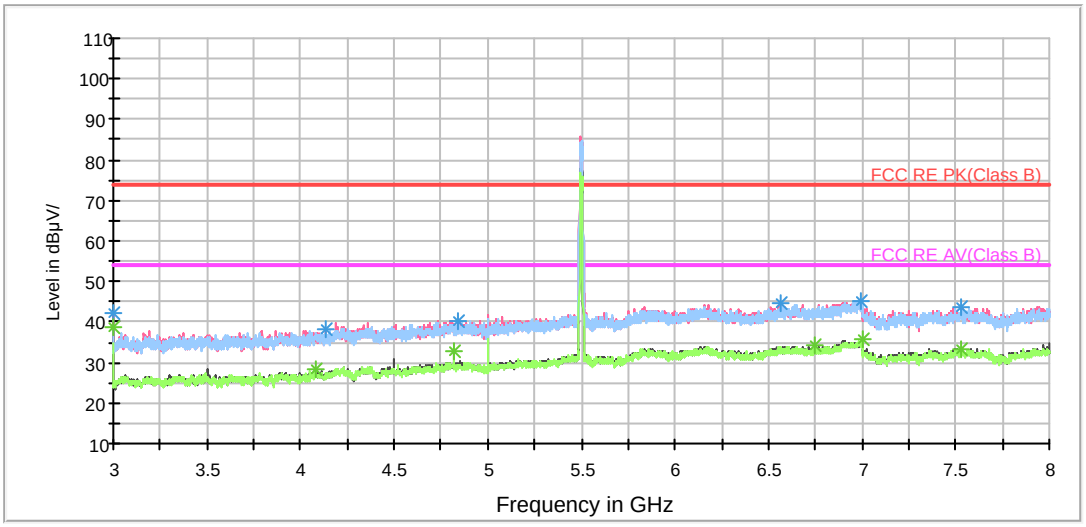
802.11ac (HT20) CH100

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

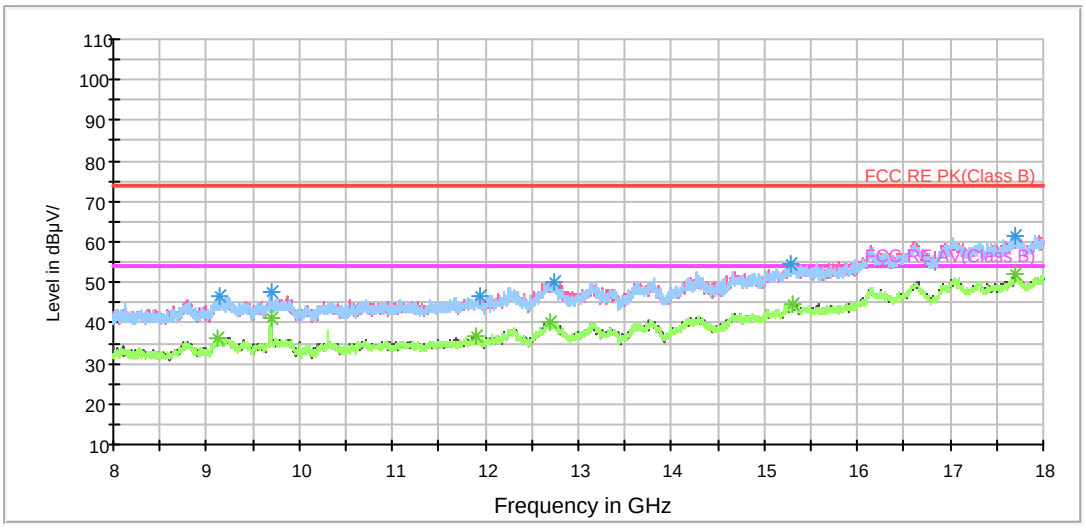
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

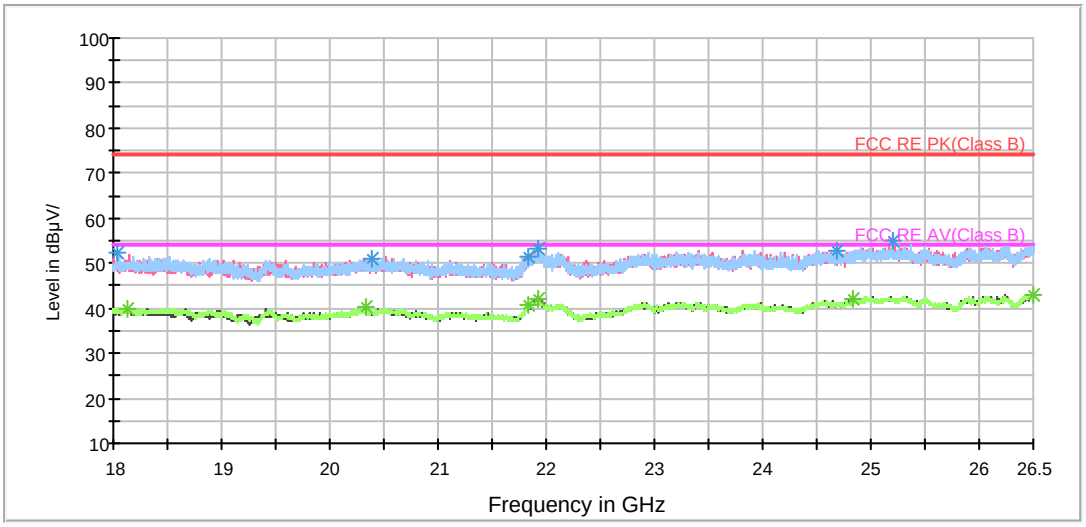
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



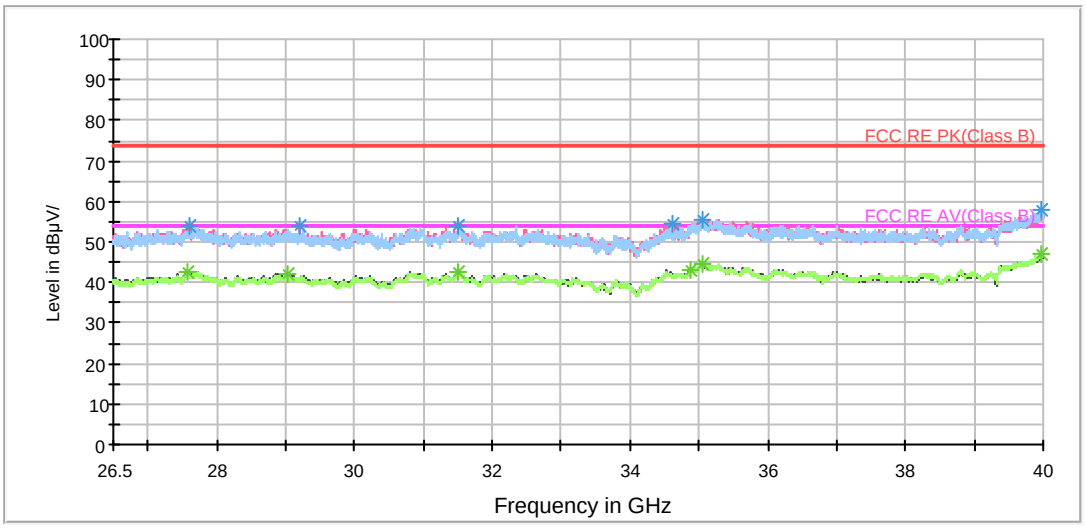
Radiates Emission from 8GHz to 18GHz

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

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	42.4	200.0	V	195.0	45.6	-3.2	31.6	74
4136.875000	38.0	200.0	V	331.0	38.3	-0.3	36.0	74
4846.875000	40.3	200.0	H	94.0	38.7	1.6	33.7	74
6561.875000	44.7	200.0	V	195.0	38.9	5.8	29.3	74
6989.375000	45.2	200.0	H	85.0	38.8	6.4	28.8	74
7531.250000	43.4	200.0	V	0.0	36.3	7.1	30.6	74

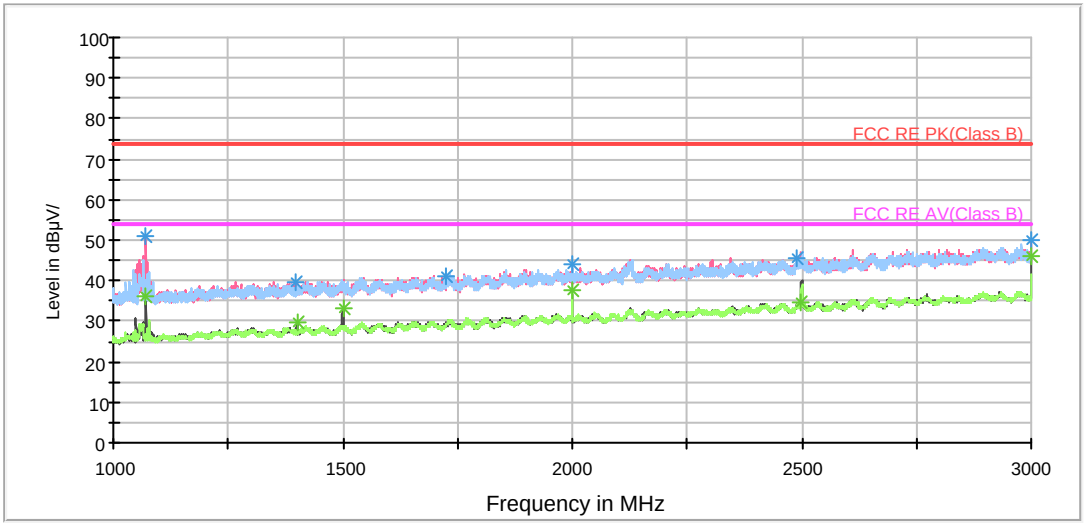
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	38.9	200.0	V	195.0	42.1	-3.2	15.1	54
4083.750000	28.1	200.0	H	26.0	29.0	-0.9	25.9	54
4823.750000	33.0	200.0	V	321.0	31.6	1.4	21.0	54
6745.000000	34.1	200.0	H	204.0	28.6	5.5	19.9	54
7000.000000	35.6	200.0	H	124.0	29.0	6.6	18.4	54
7525.000000	33.3	200.0	V	273.0	26.2	7.1	20.7	54

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

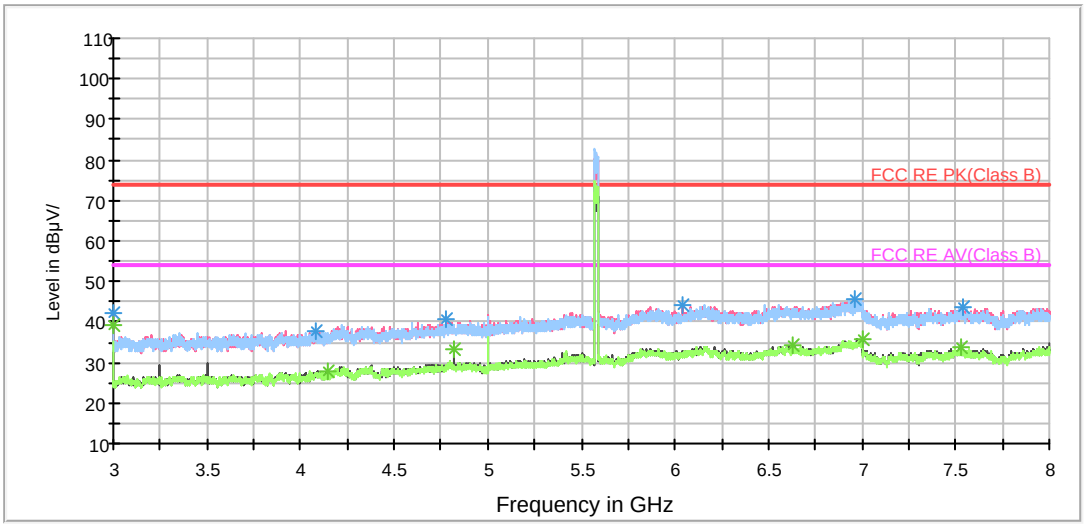
802.11ac (HT20) CH116

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

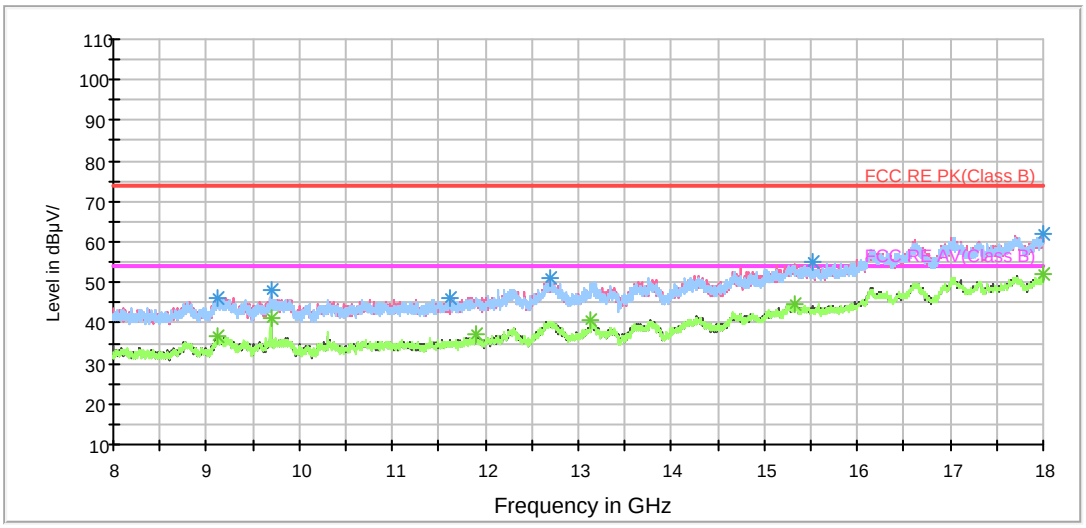
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

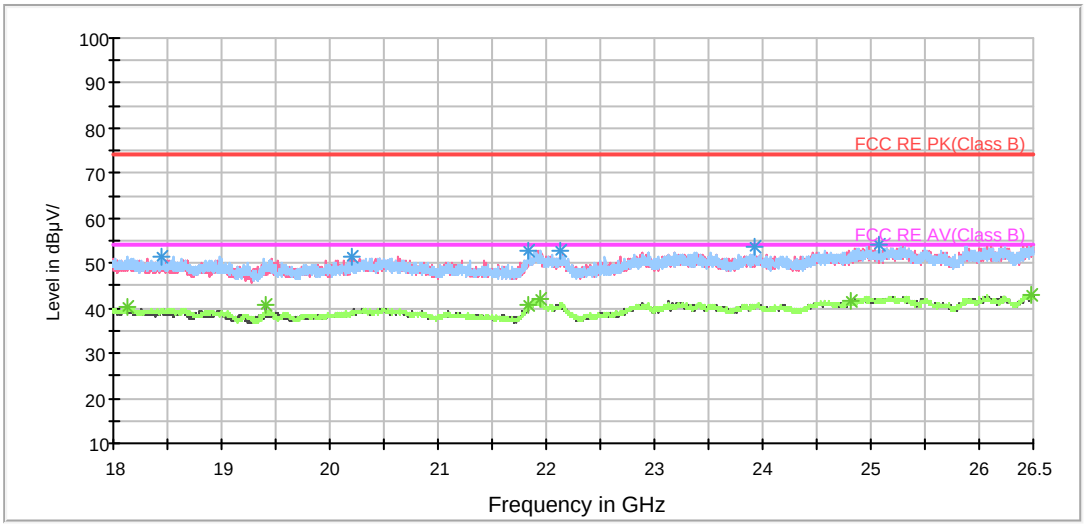
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



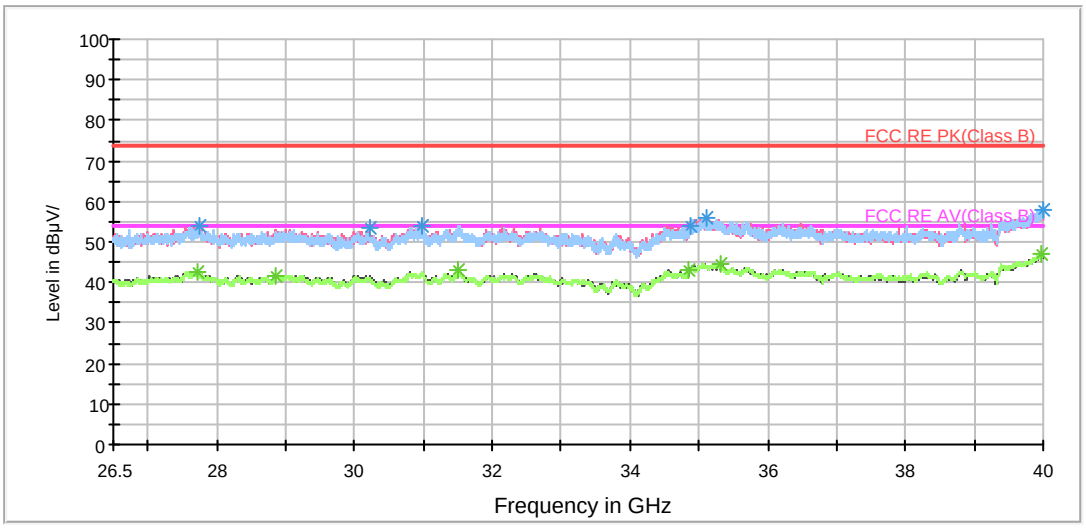
Radiates Emission from 8GHz to 18GHz

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

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	42.3	200.0	V	186.0	45.5	-3.2	31.7	74
4080.625000	37.9	200.0	H	8.0	38.8	-0.9	36.1	74
4774.375000	40.6	200.0	H	95.0	39.5	1.1	33.4	74
6038.125000	44.2	200.0	V	0.0	39.3	4.9	29.8	74
6961.875000	45.7	200.0	V	236.0	39.5	6.2	28.3	74
7541.250000	43.4	200.0	V	0.0	36.4	7.0	30.6	74

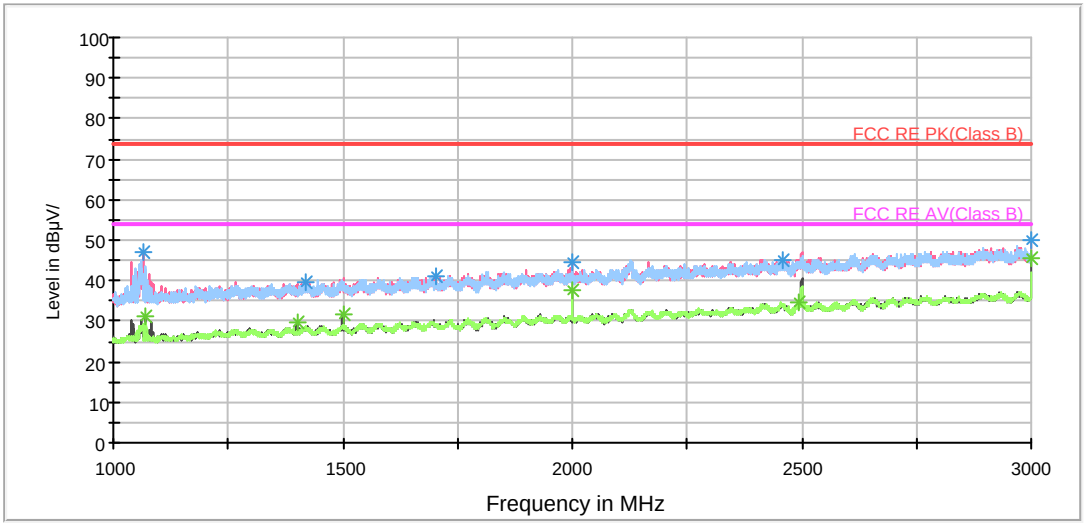
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
42.2	-3.2	15.0	42.2	-3.2	15.0	42.2	-3.2	15.0
28.0	-0.3	26.3	28.0	-0.3	26.3	28.0	-0.3	26.3
34.3	1.4	18.3	34.3	1.4	18.3	34.3	1.4	18.3
28.4	5.5	20.1	28.4	5.5	20.1	28.4	5.5	20.1
28.9	6.6	18.5	28.9	6.6	18.5	28.9	6.6	18.5
26.5	7.1	20.4	26.5	7.1	20.4	26.5	7.1	20.4

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

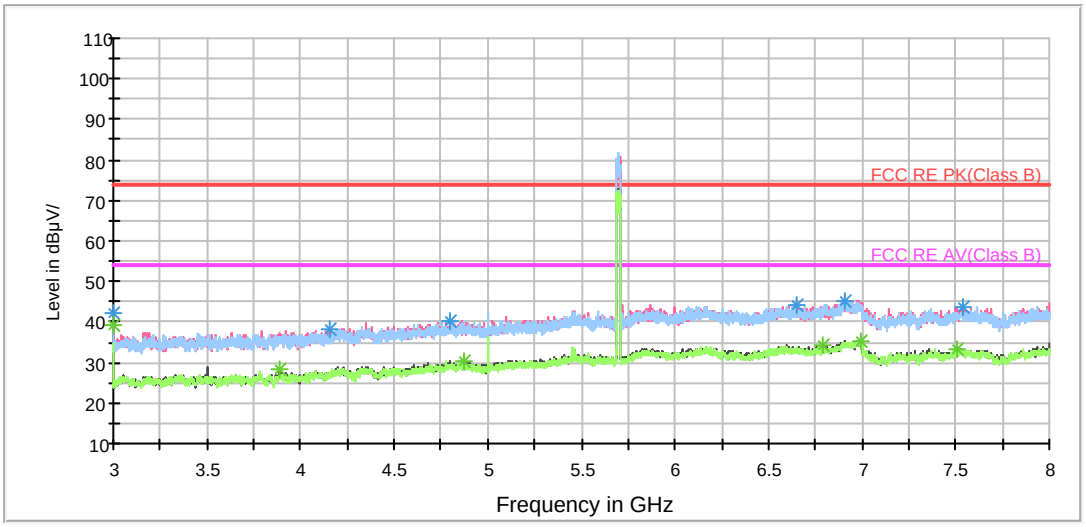
802.11ac (HT20) CH140

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

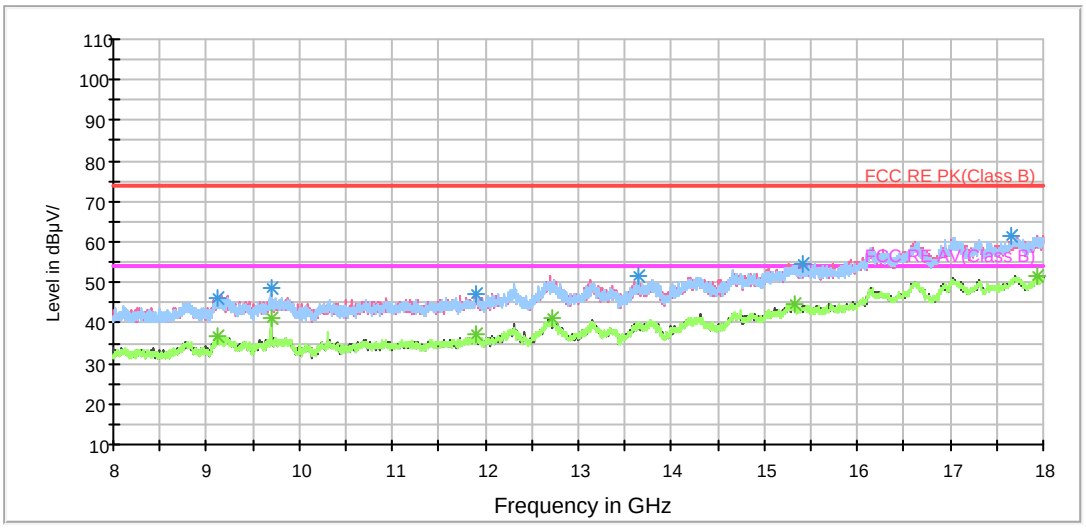
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

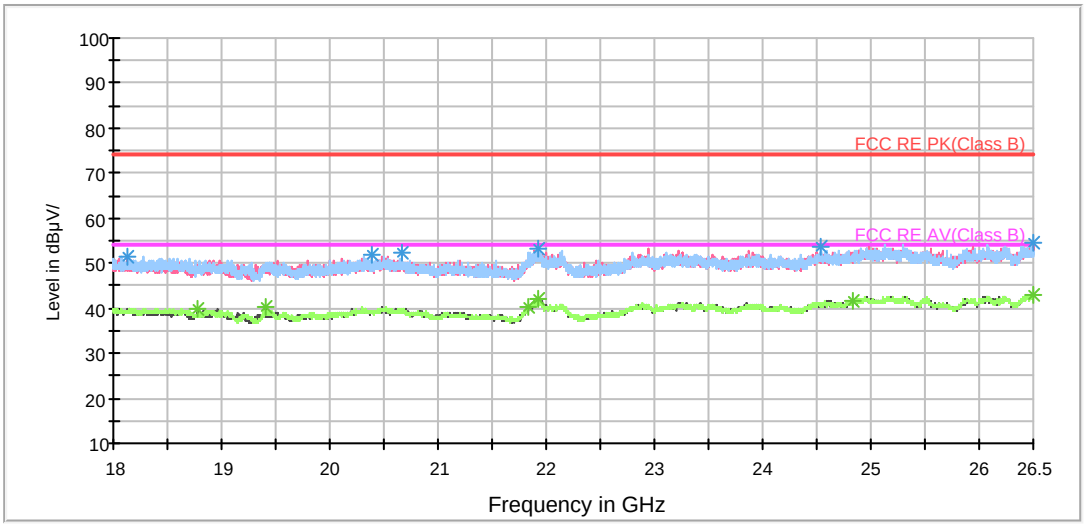
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



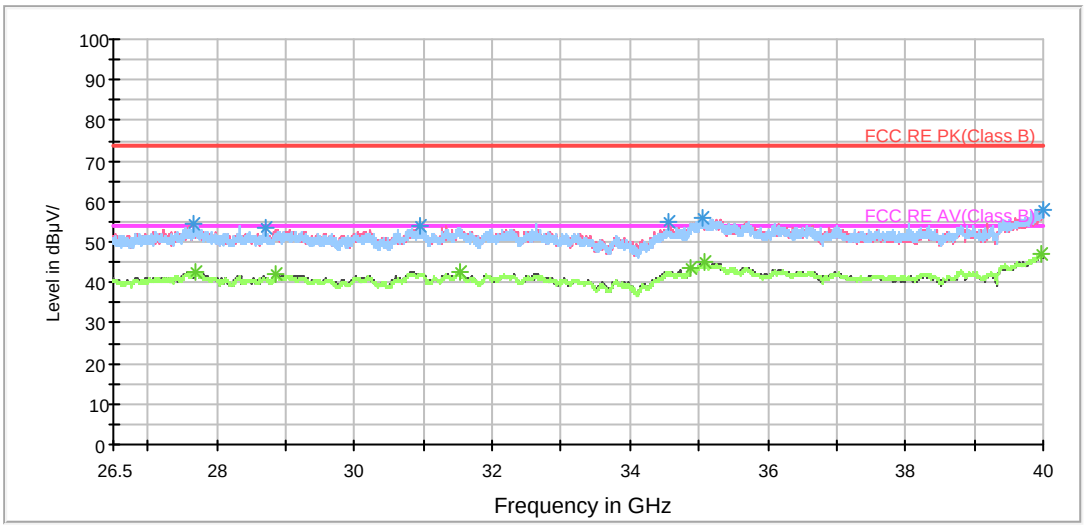
Radiates Emission from 8GHz to 18GHz

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

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	42.1	200.0	V	184.0	45.3	-3.2	31.9	74
4154.375000	38.0	200.0	V	0.0	38.1	-0.1	36.0	74
4796.875000	40.2	200.0	H	85.0	38.9	1.3	33.8	74
6654.375000	44.0	200.0	V	126.0	38.5	5.5	30.0	74
6907.500000	45.4	200.0	H	94.0	39.2	6.2	28.6	74
7541.250000	43.8	200.0	H	242.0	36.8	7.0	30.2	74

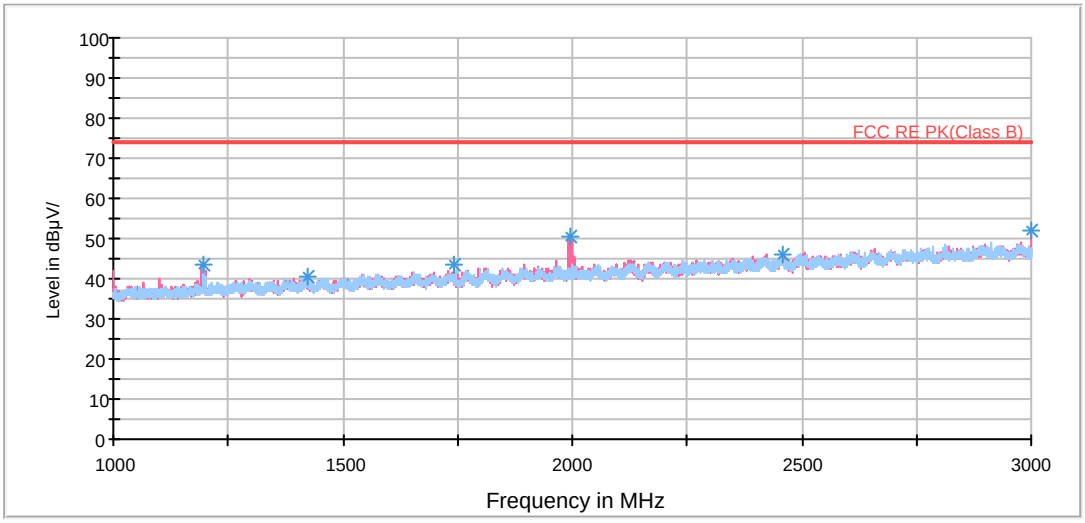
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	39.1	200.0	V	184.0	42.3	-3.2	14.9	54
3888.750000	28.2	200.0	V	273.0	29.5	-1.3	25.8	54
4873.750000	30.4	200.0	V	303.0	28.6	1.8	23.6	54
6790.625000	34.0	200.0	V	65.0	28.3	5.7	20.0	54
6988.750000	35.4	200.0	H	26.0	29.0	6.4	18.6	54
7508.750000	33.3	200.0	V	145.0	26.3	7.0	20.7	54

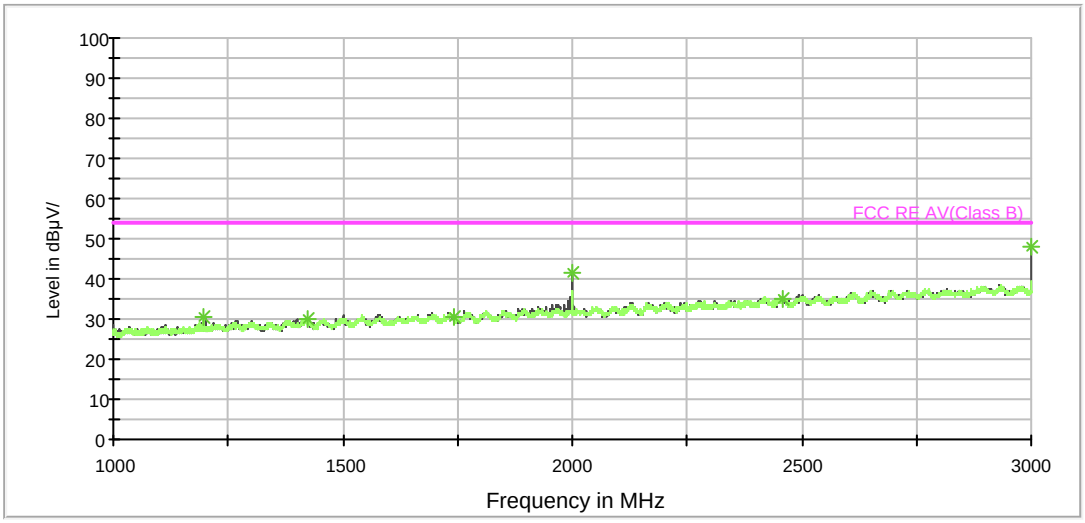
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

802.11 ac (HT20) CH149

RE 1G-3GHz PK+AV

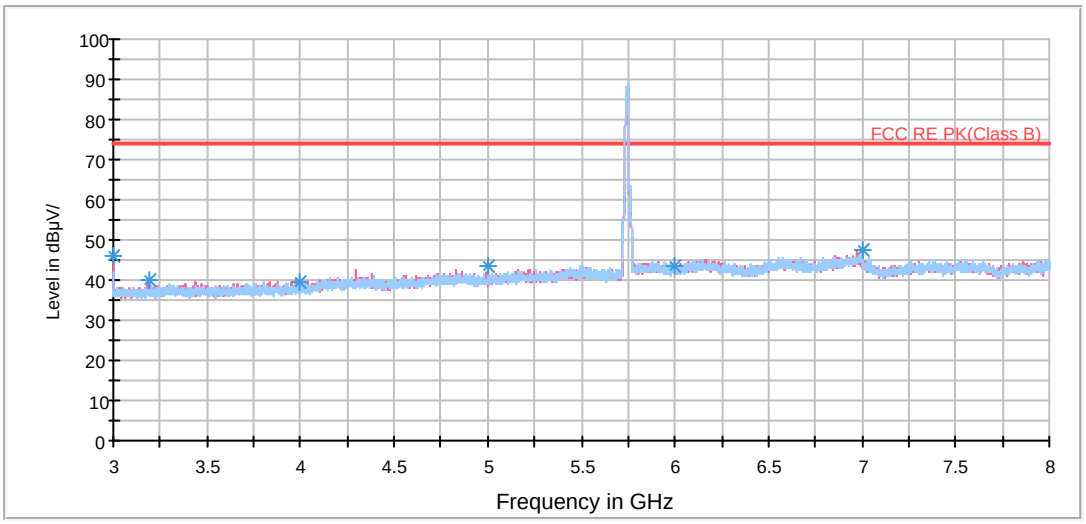


RE 1G-3GHz PK+AV

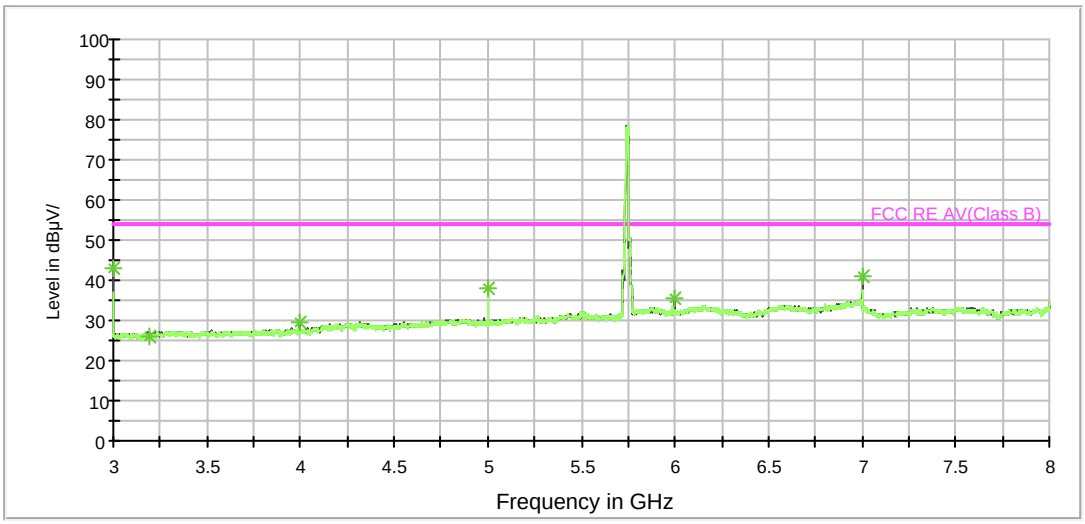


Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



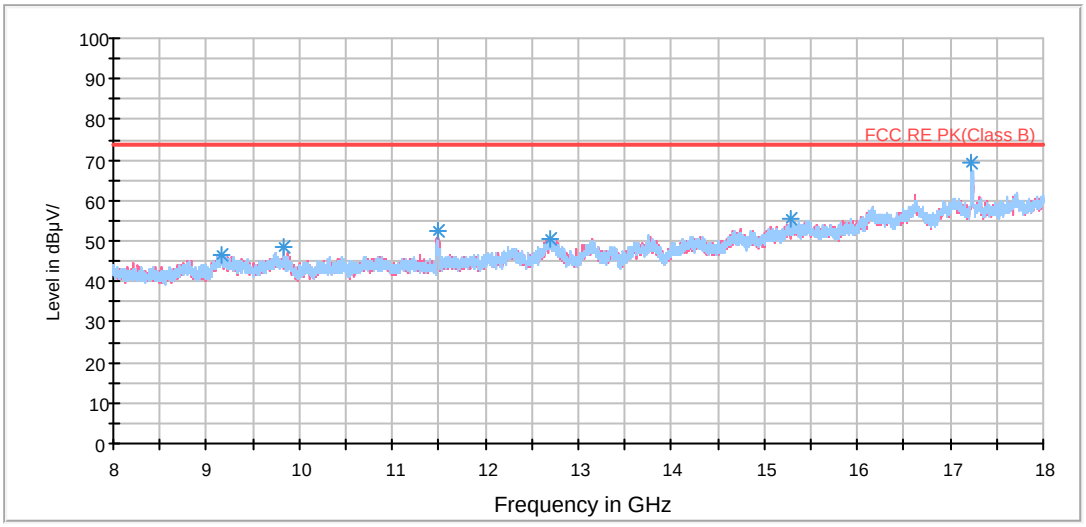
RE 3-18GHz PK+AV



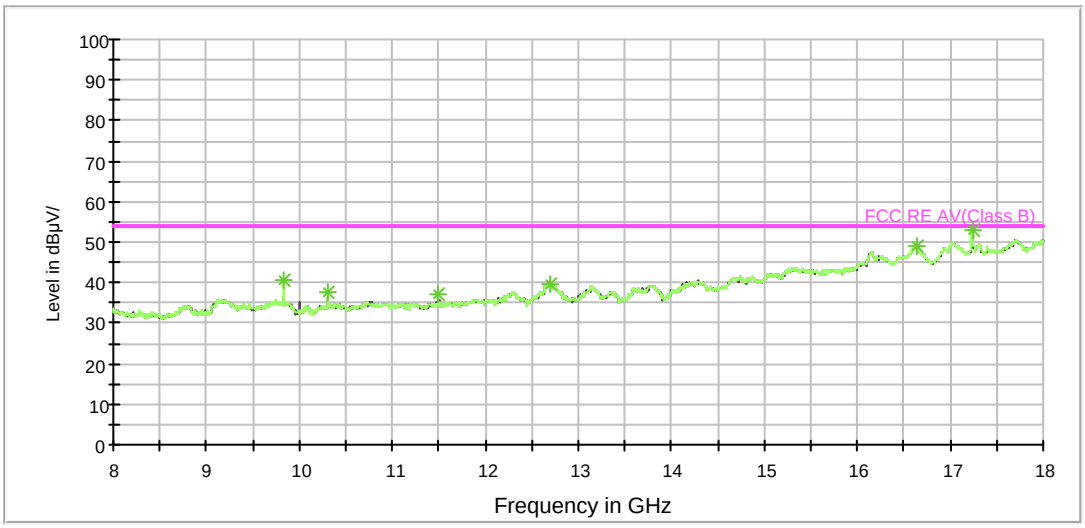
Radiates Emission from 3GHz to 8GHz

Note: The signal beyond the limit is carrier.

RE 3-18GHz PK+AV

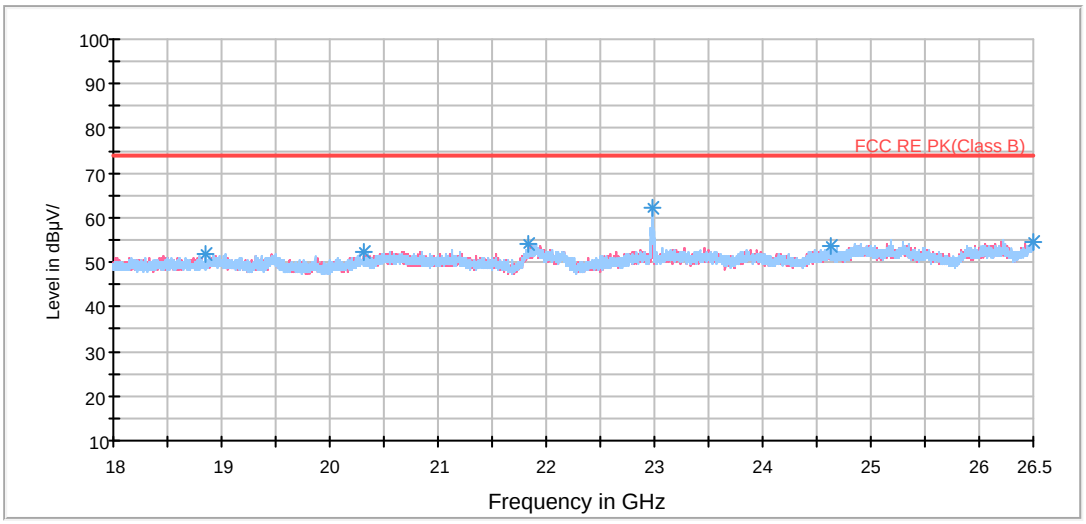


RE 3-18GHz PK+AV

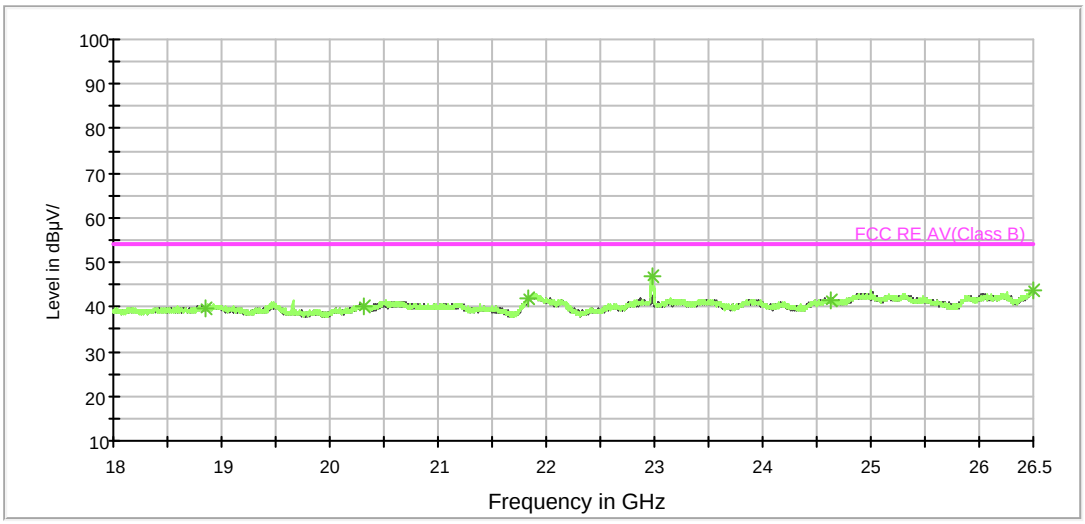


Radiates Emission from 8GHz to18GHz

BELL_RE 18-26.5GHz PK+AV

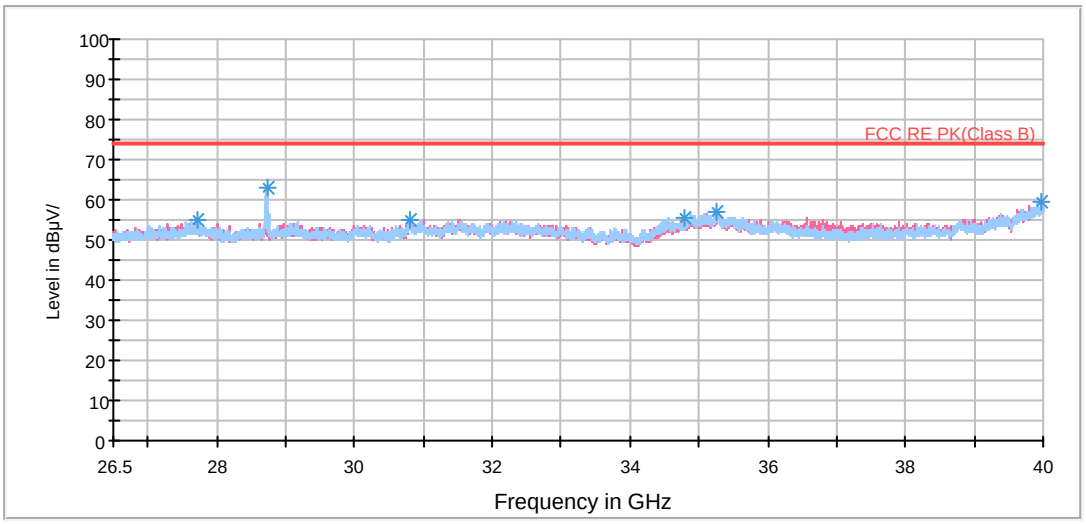


BELL_RE 18-26.5GHz PK+AV

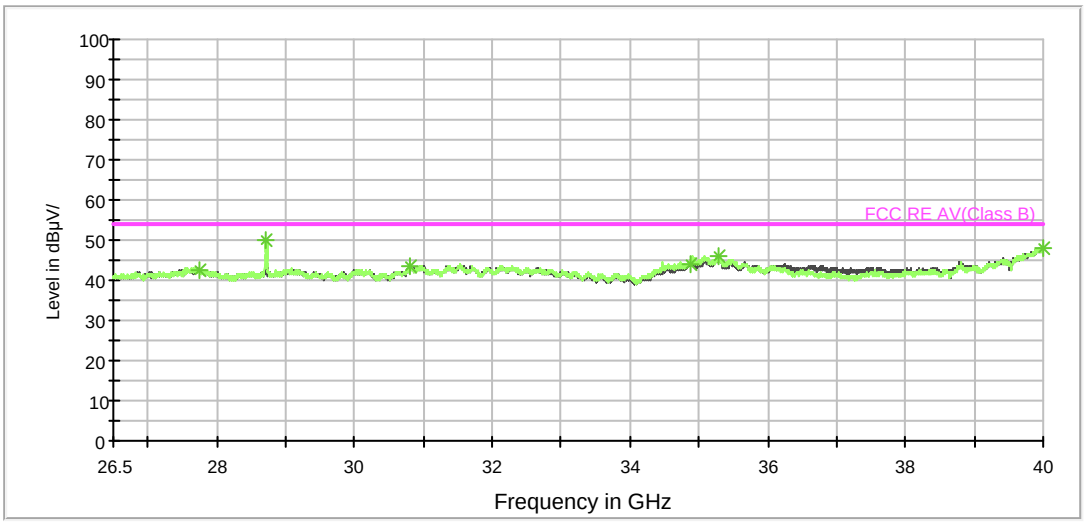


Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	46.1	200.0	V	131.0	49.3	-3.2	27.9	74
3195.625000	39.8	200.0	V	190.0	42.7	-2.9	34.2	74
4000.000000	39.3	200.0	V	170.0	40.4	-1.1	34.7	74
5000.000000	43.6	200.0	H	110.0	42.0	1.6	30.4	74
6000.000000	43.5	200.0	V	190.0	38.6	4.9	30.5	74
7000.000000	47.4	200.0	V	230.0	40.8	6.6	26.6	74

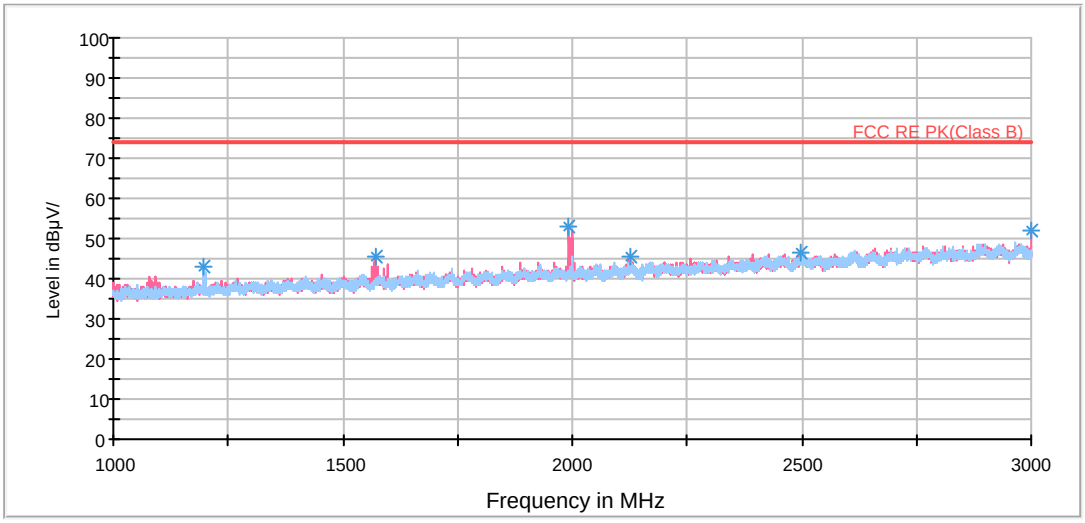
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	43.0	200.0	V	131.0	46.2	-3.2	11.0	54
3195.625000	26.2	200.0	V	190.0	29.1	-2.9	27.8	54
4000.000000	29.3	200.0	V	170.0	30.4	-1.1	24.7	54
5000.000000	37.8	200.0	H	110.0	36.2	1.6	16.2	54
6000.000000	35.6	200.0	V	190.0	30.7	4.9	18.4	54
7000.000000	41.1	200.0	V	230.0	34.5	6.6	12.9	54

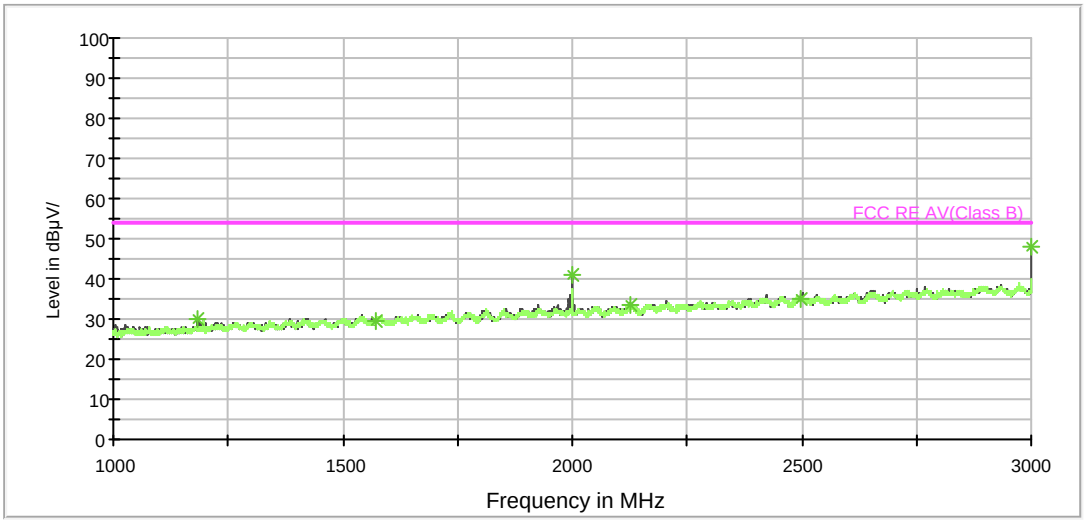
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

802.11 ac (HT20) CH157

RE 1G-3GHz PK+AV

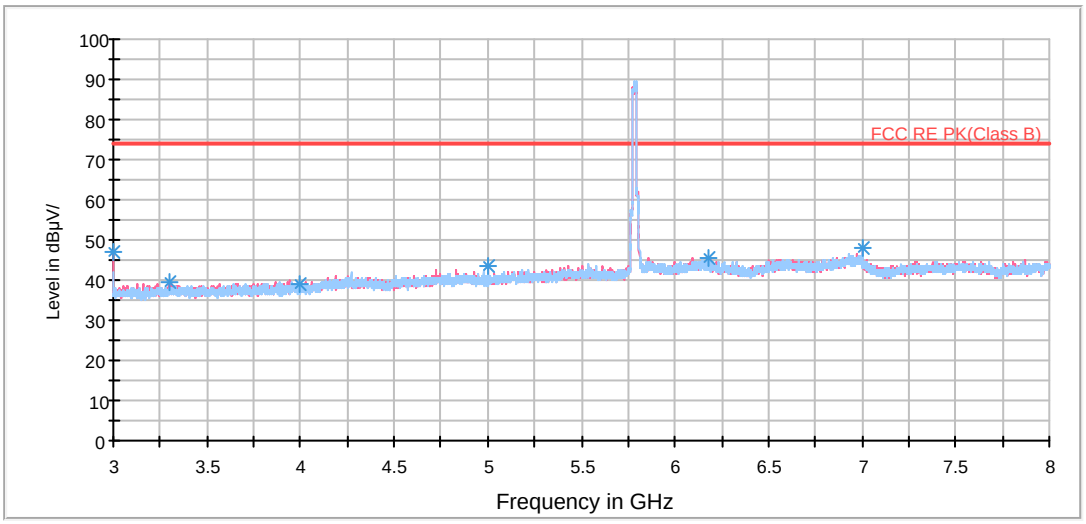


RE 1G-3GHz PK+AV

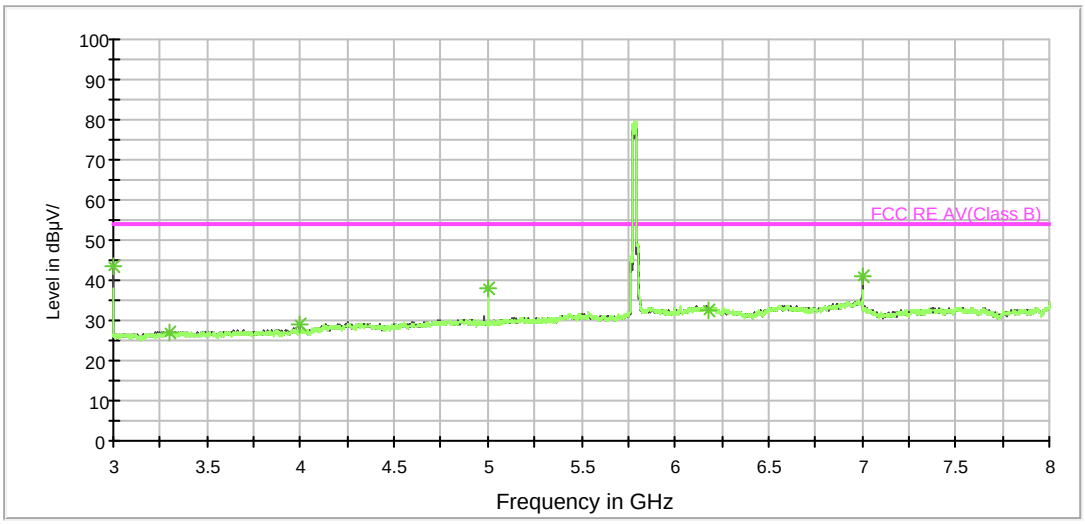


Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



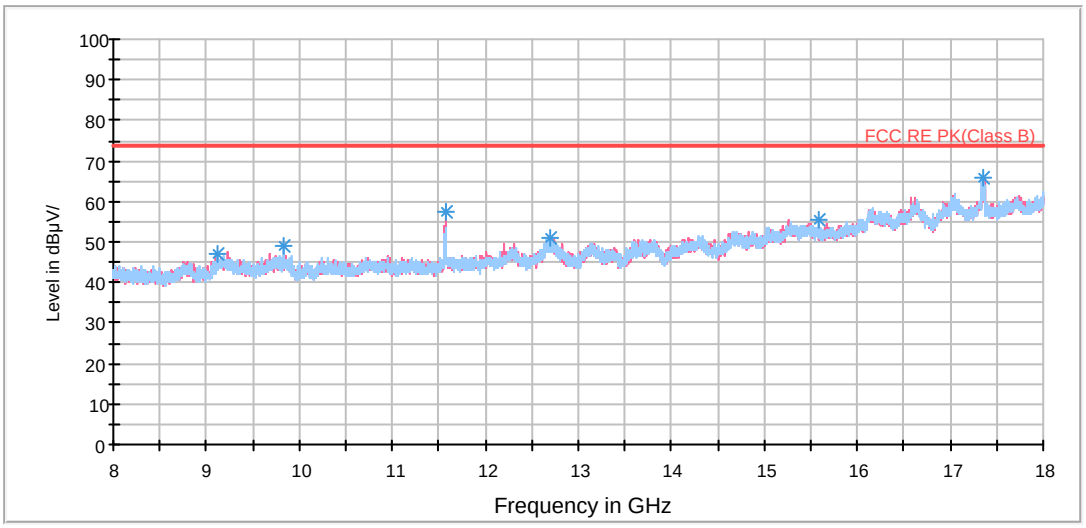
RE 3-18GHz PK+AV



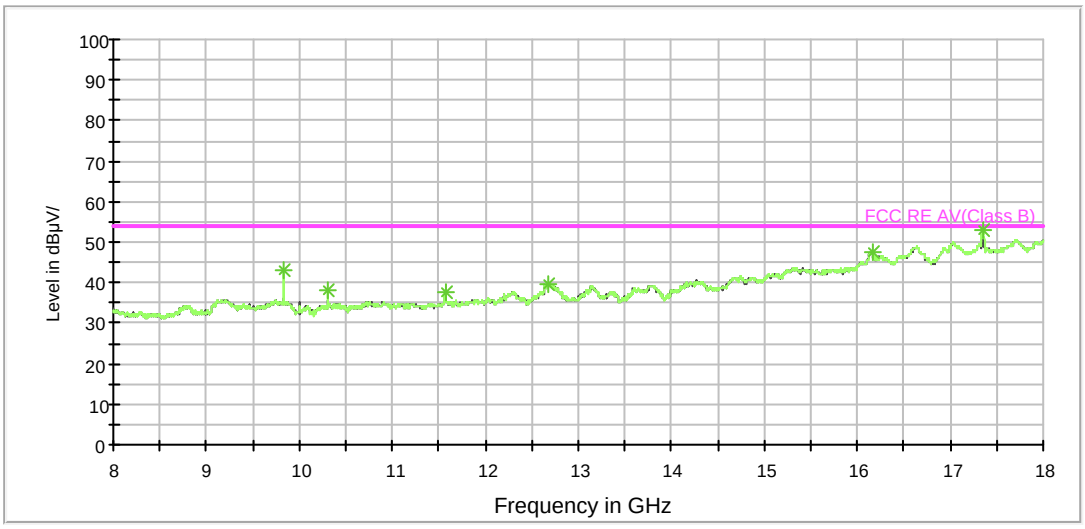
Radiates Emission from 3GHz to 8GHz

Note: The signal beyond the limit is carrier.

RE 3-18GHz PK+AV

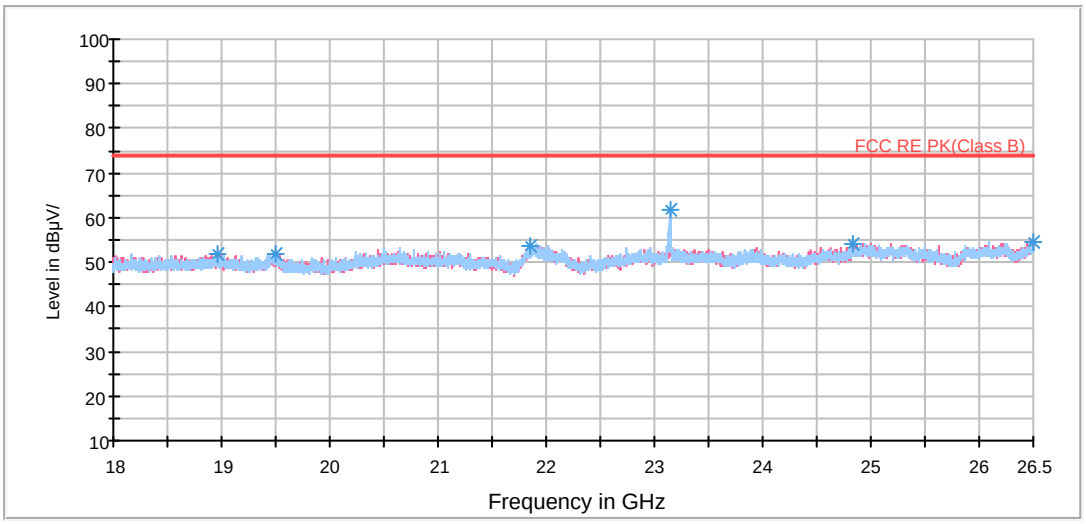


RE 3-18GHz PK+AV

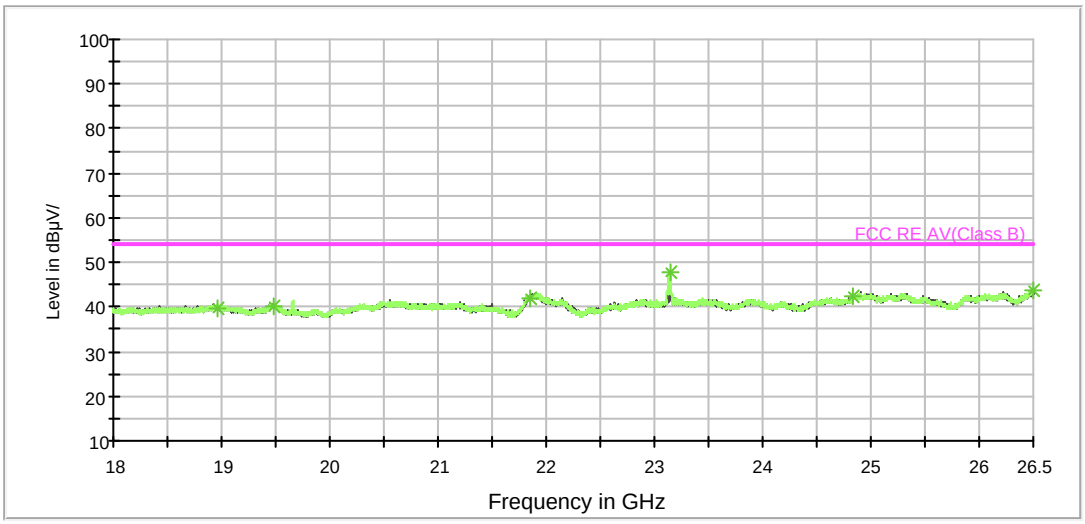


Radiates Emission from 8GHz to18GHz

BELL_RE 18-26.5GHz PK+AV

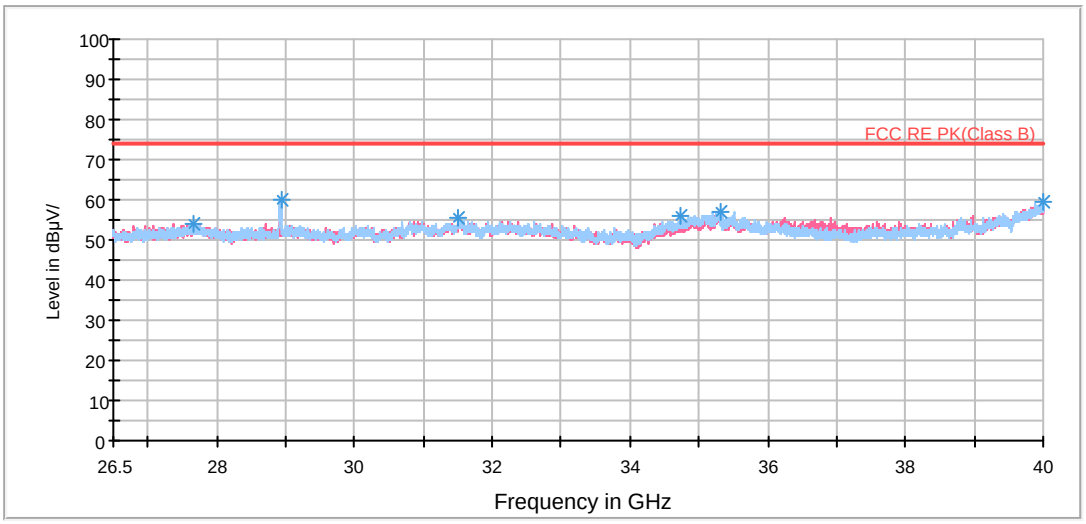


BELL_RE 18-26.5GHz PK+AV

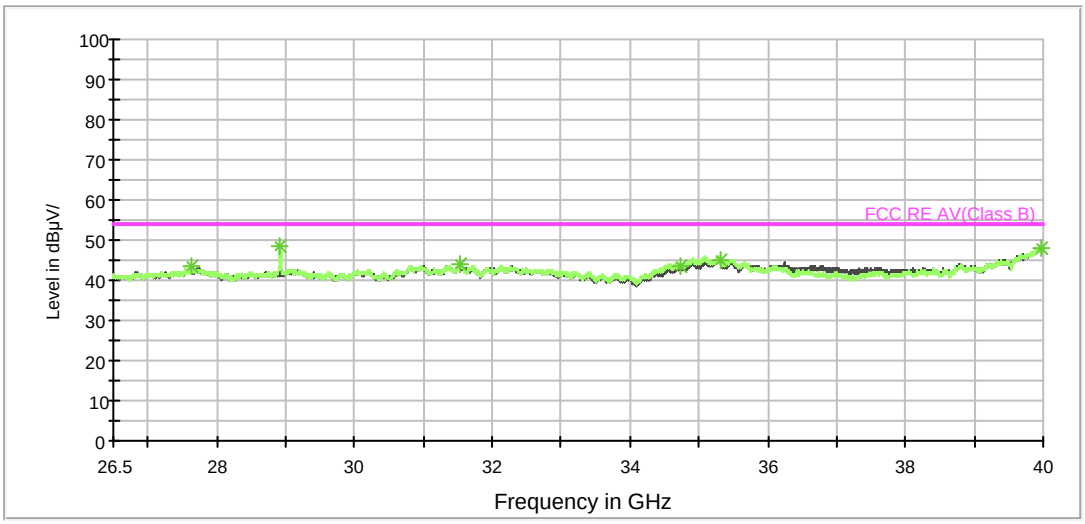


Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	47.2	200.0	V	135.0	50.4	-3.2	26.8	74
3295.000000	39.6	200.0	V	0.0	41.8	-2.2	34.4	74
3999.375000	39.0	200.0	V	175.0	40.1	-1.1	35.0	74
5000.000000	43.7	200.0	H	109.0	42.1	1.6	30.3	74
6176.250000	45.5	200.0	V	345.0	40.1	5.4	28.5	74
7000.000000	47.8	200.0	H	118.0	41.2	6.6	26.2	74

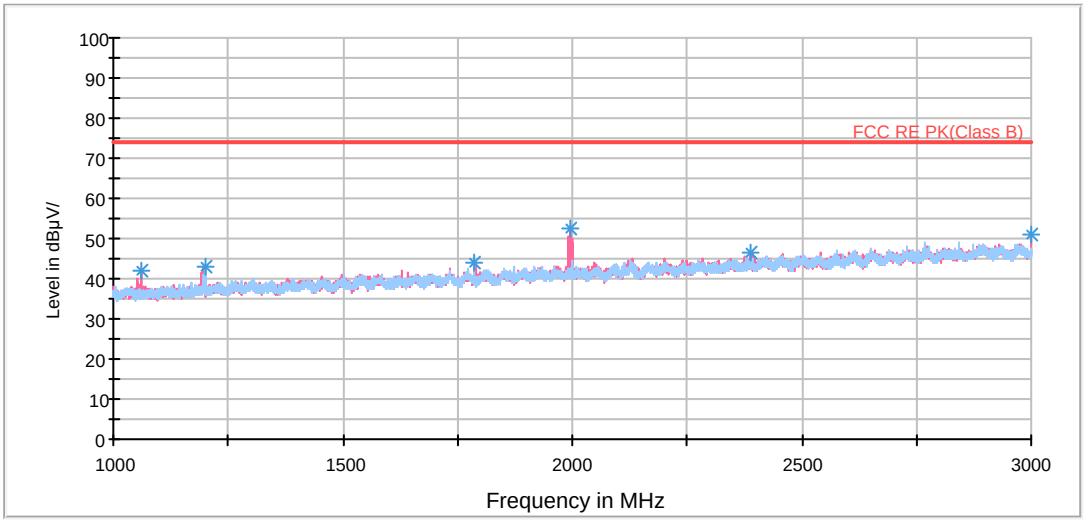
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	43.5	200.0	V	135.0	46.7	-3.2	10.5	54
3295.000000	26.8	200.0	V	0.0	29.0	-2.2	27.2	54
4000.000000	29.0	200.0	V	204.0	30.1	-1.1	25.0	54
5000.000000	38.0	200.0	V	244.0	36.4	1.6	16.0	54
6176.250000	32.5	200.0	V	345.0	27.1	5.4	21.5	54
7000.000000	41.1	200.0	V	233.0	34.5	6.6	12.9	54

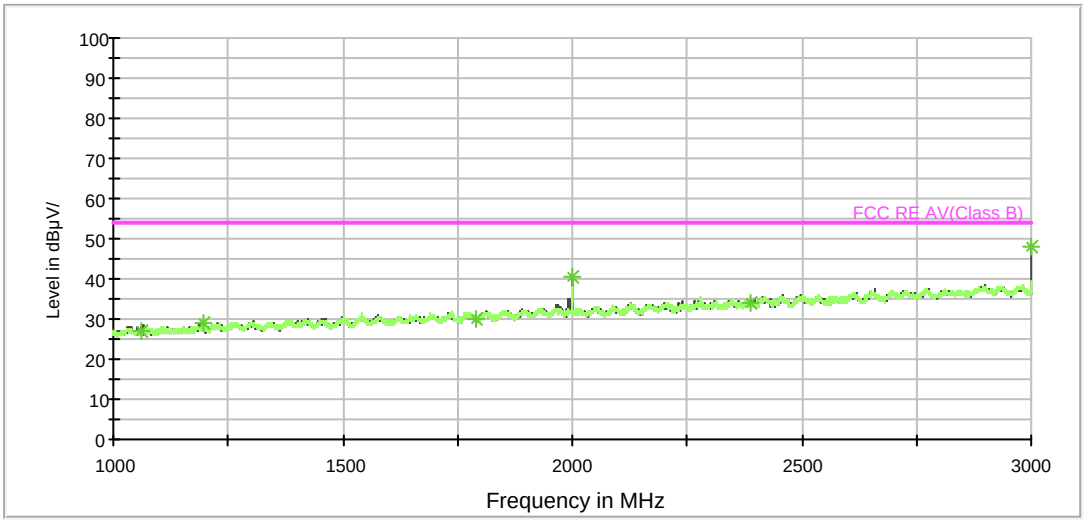
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

802.11 ac (HT20) CH165

RE 1G-3GHz PK+AV

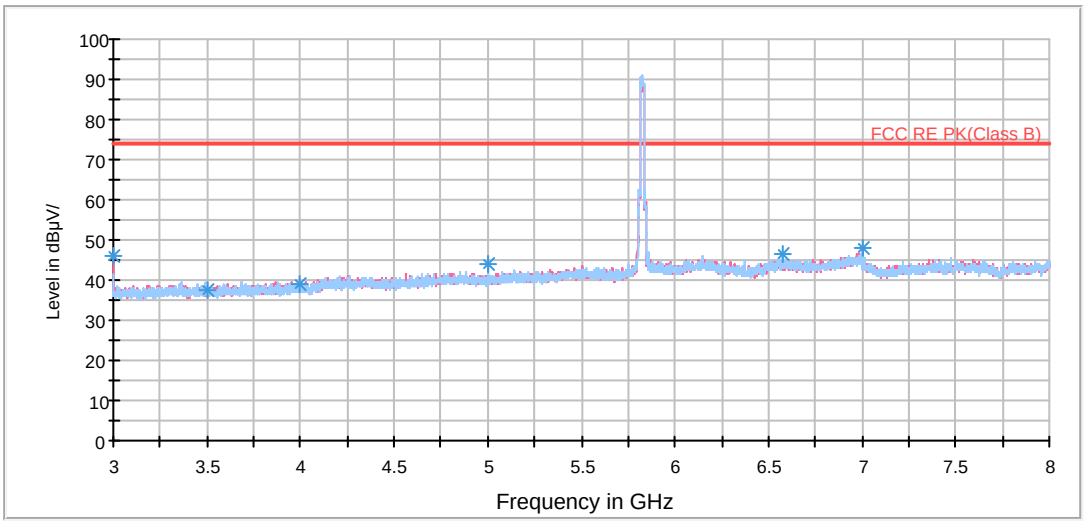


RE 1G-3GHz PK+AV

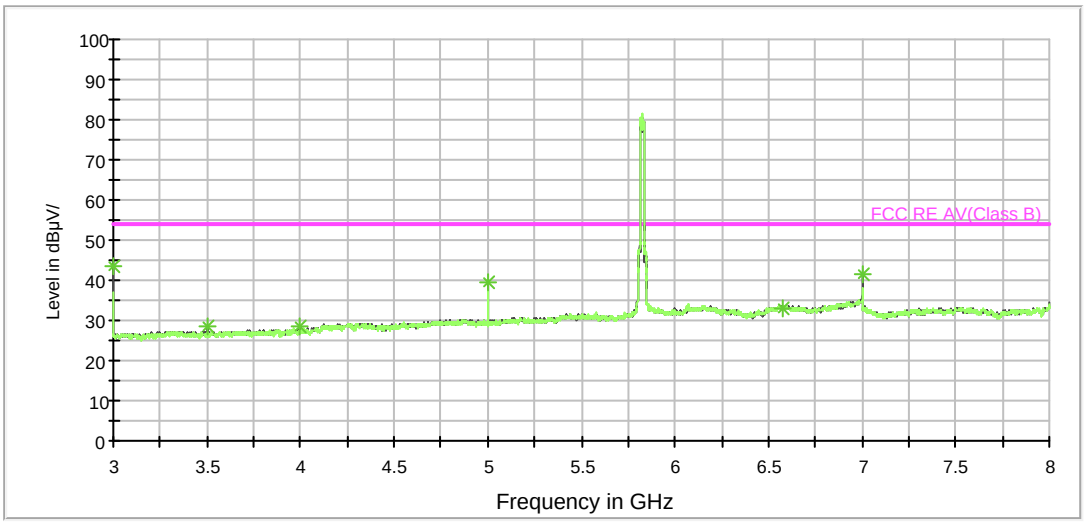


Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



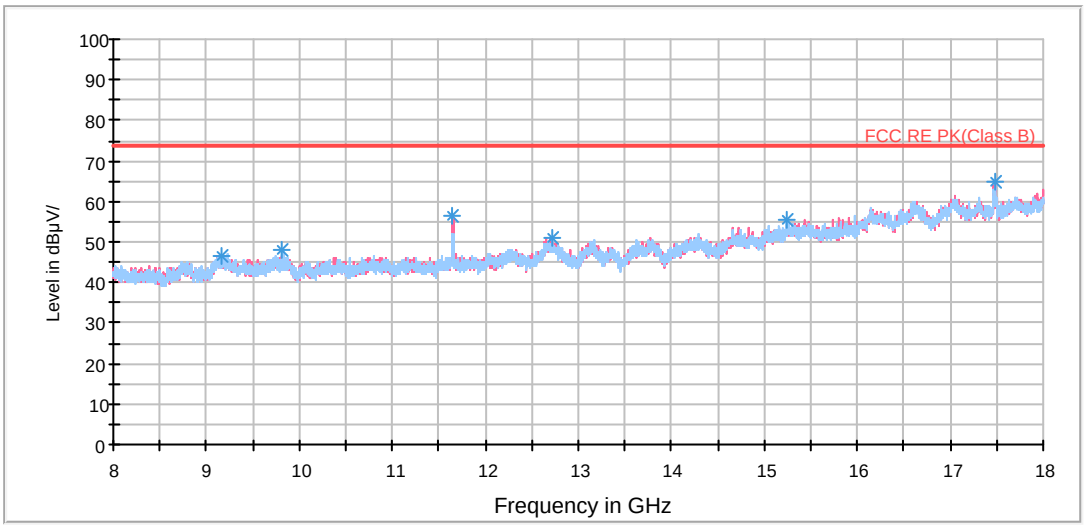
RE 3-18GHz PK+AV



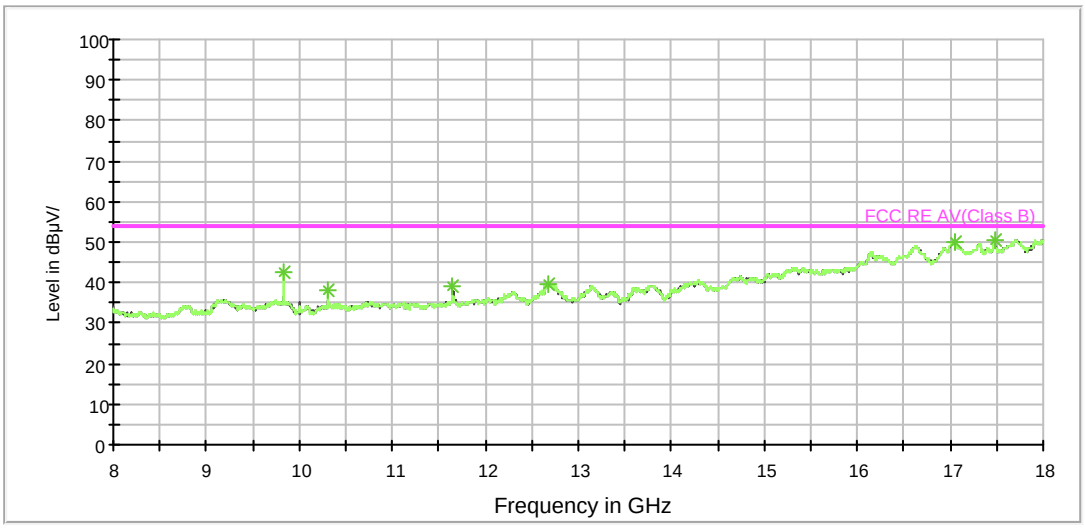
Radiates Emission from 3GHz to 8GHz

Note: The signal beyond the limit is carrier.

RE 3-18GHz PK+AV

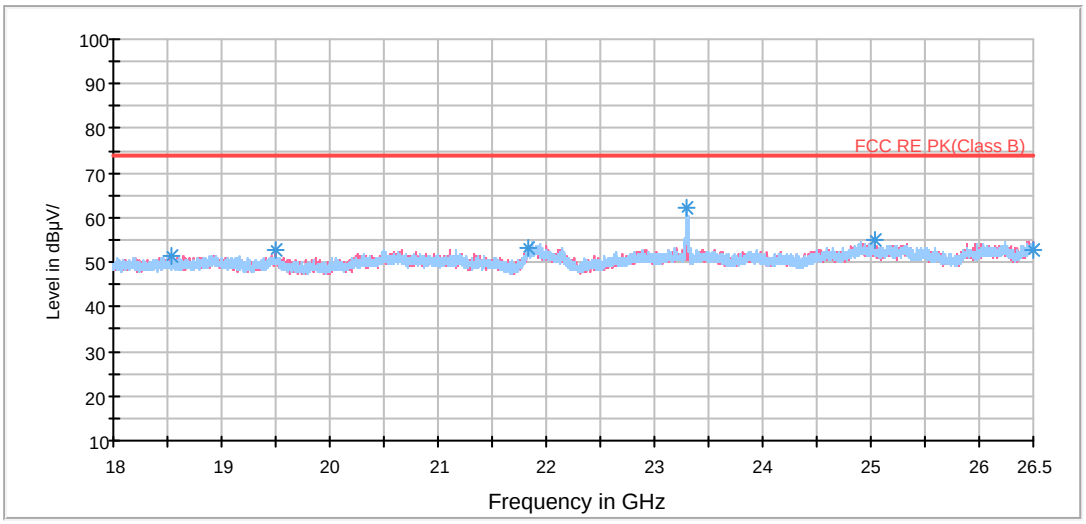


RE 3-18GHz PK+AV

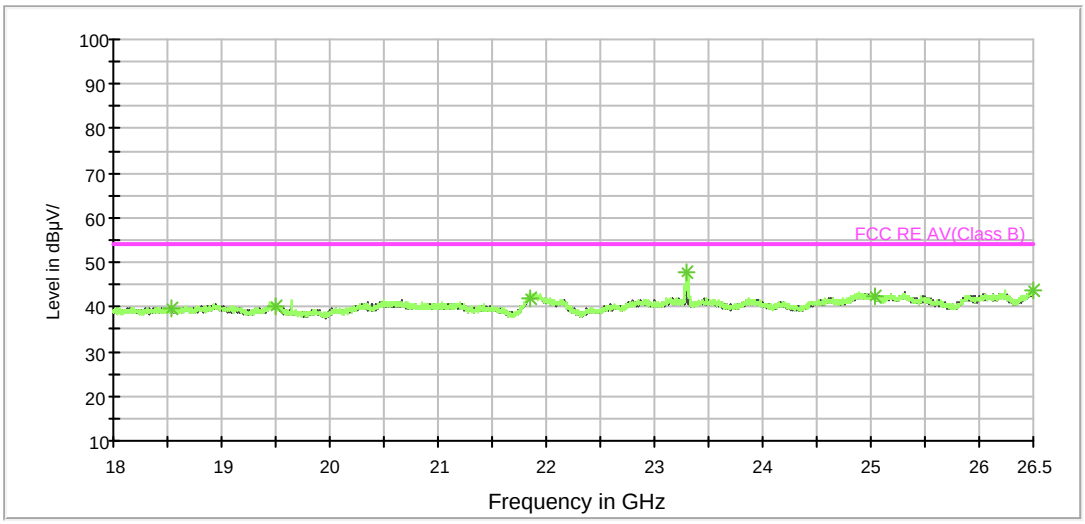


Radiates Emission from 8GHz to18GHz

BELL_RE 18-26.5GHz PK+AV

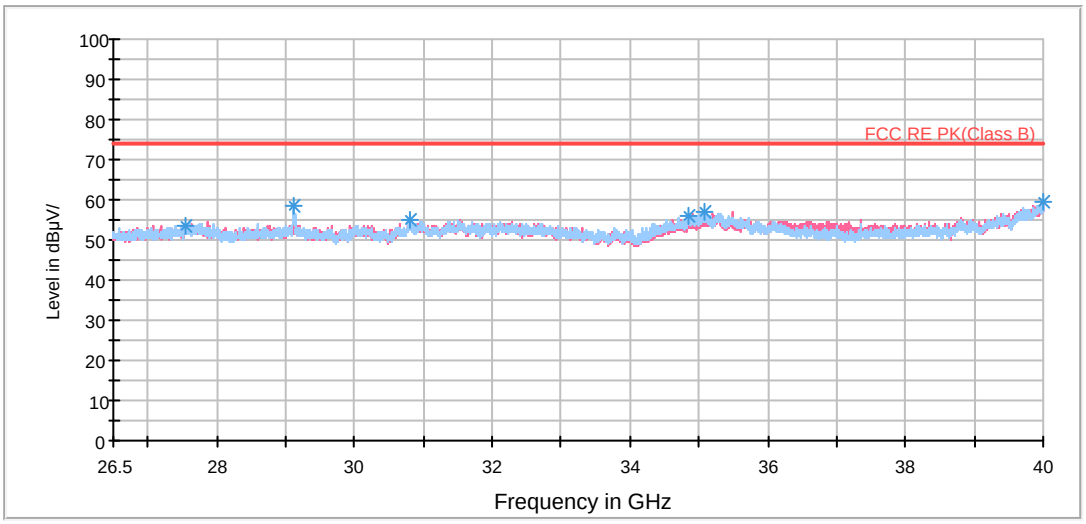


BELL_RE 18-26.5GHz PK+AV

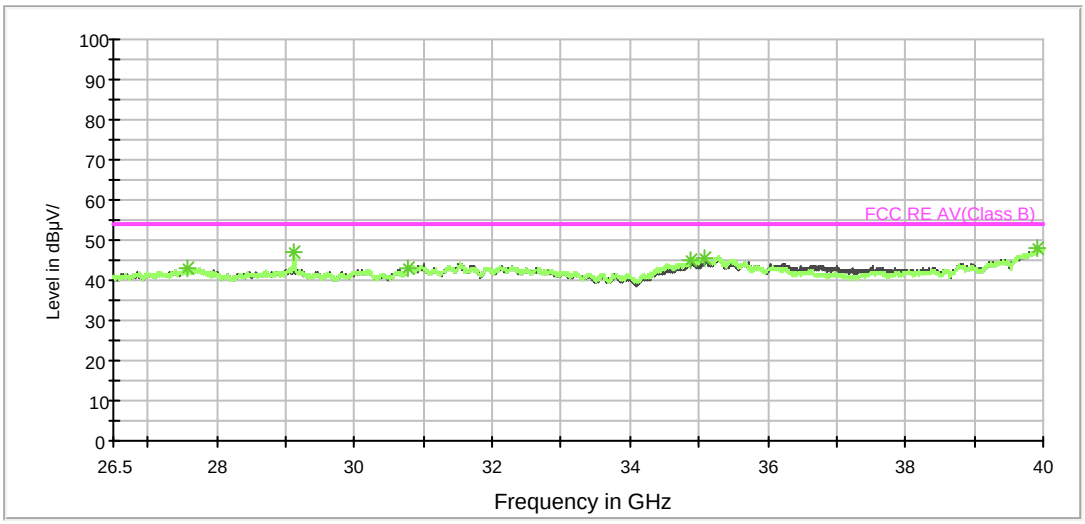


Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	46.2	200.0	V	136.0	49.4	-3.2	27.8	74
3500.000000	37.7	200.0	V	340.0	39.8	-2.1	36.3	74
4000.000000	38.8	200.0	V	320.0	39.9	-1.1	35.2	74
5000.000000	43.8	200.0	V	242.0	42.2	1.6	30.2	74
6575.625000	46.3	200.0	H	32.0	40.7	5.6	27.7	74
7000.000000	47.8	200.0	V	233.0	41.2	6.6	26.2	74

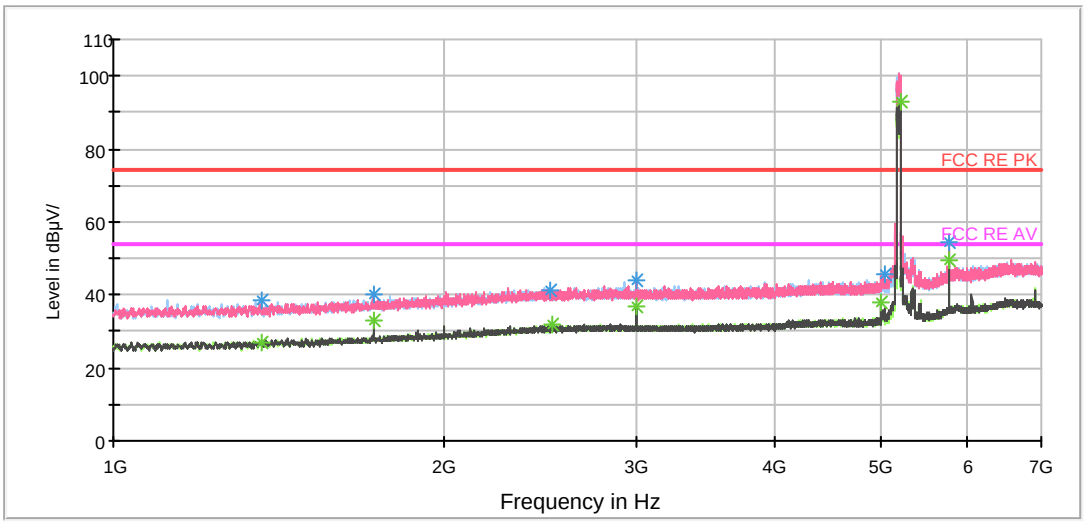
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	43.3	200.0	V	136.0	46.5	-3.2	10.7	54
3500.000000	28.3	200.0	V	340.0	30.4	-2.1	25.7	54
4000.000000	28.7	200.0	V	320.0	29.8	-1.1	25.3	54
5000.000000	39.3	200.0	V	242.0	37.7	1.6	14.7	54
6575.625000	33.1	200.0	H	32.0	27.5	5.6	20.9	54
7000.000000	41.3	200.0	V	233.0	34.7	6.6	12.7	54

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

802.11ac (HT40) CH38

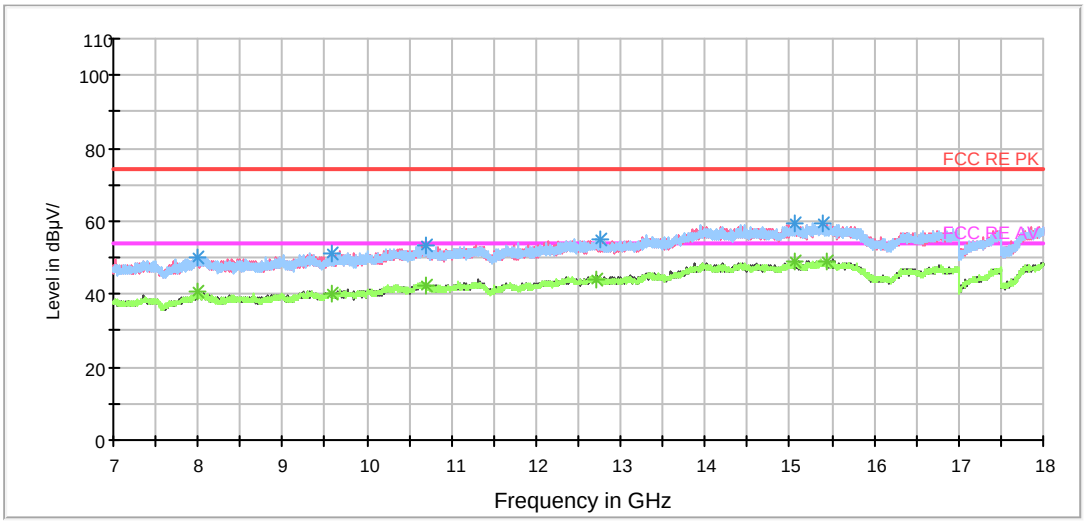
FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 1GHz to 7GHz

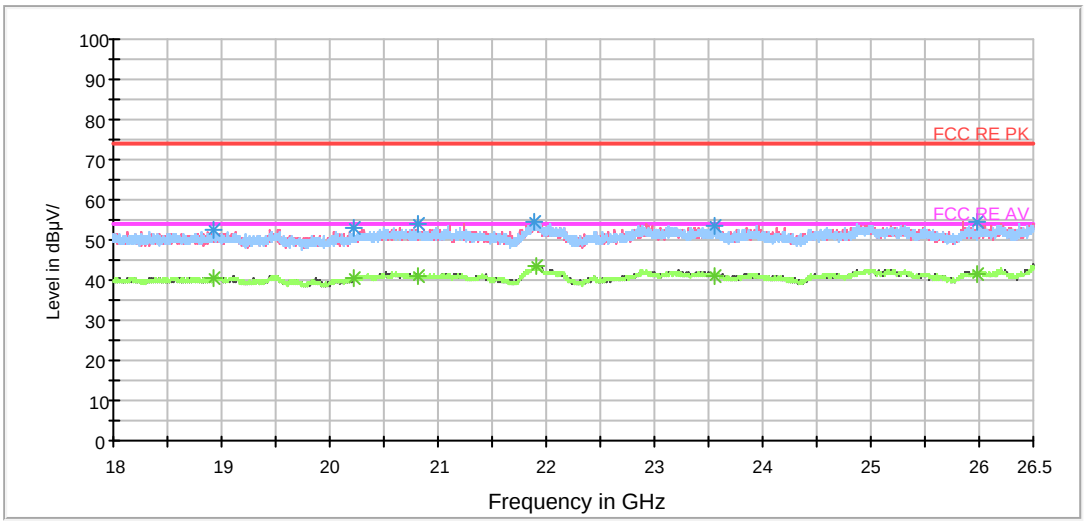
Note: The signal beyond the limit is carrier.

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



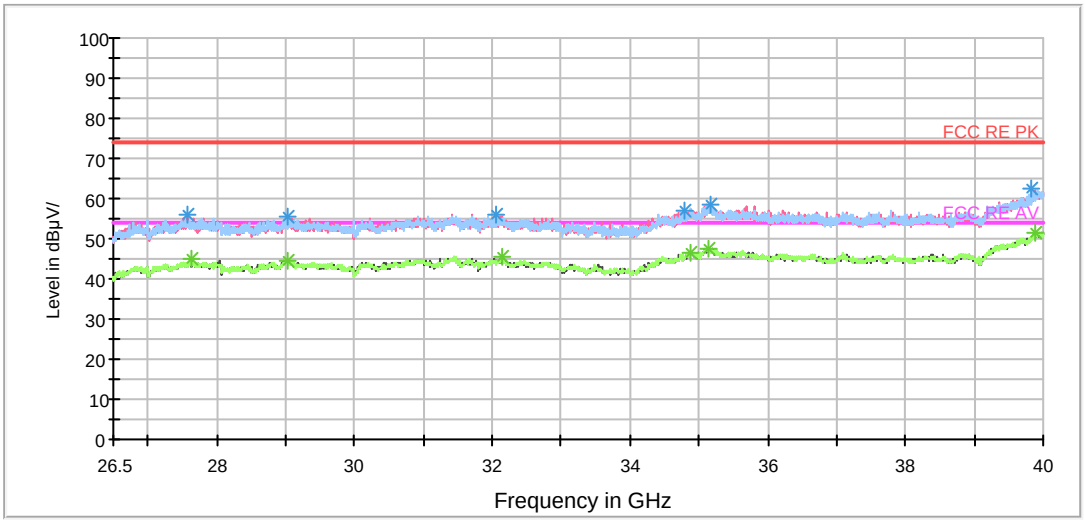
Radiates Emission from 7GHz to 18GHz

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

RE 26.5-40GHz PK+AV Class B



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1364.500000	38.6	100.0	H	0.0	45.8	-7.2	35.4	74
1723.750000	40.1	100.0	V	13.0	45.2	-5.1	33.9	74
2501.500000	41.3	100.0	V	195.0	42.2	-0.9	32.7	74
2999.500000	44.0	100.0	V	92.0	44.5	-0.5	30.0	74
5036.500000	45.6	100.0	V	300.0	43.8	1.8	28.4	74
5767.000000	54.7	100.0	H	254.0	49.6	5.1	19.3	74

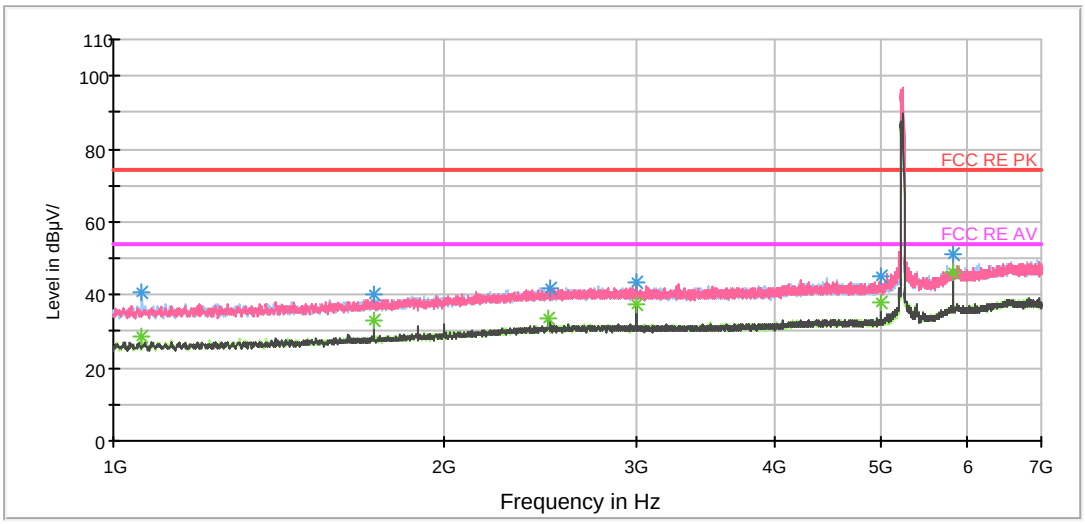
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1364.500000	26.7	100.0	H	0.0	33.9	-7.2	27.3	54
1724.500000	33.0	100.0	V	13.0	38.1	-5.1	21.0	54
2510.500000	31.8	100.0	V	2.0	32.7	-0.9	22.2	54
3000.250000	36.9	100.0	V	106.0	37.4	-0.5	17.1	54
4999.750000	38.1	100.0	V	268.0	36.5	1.6	15.9	54

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

802.11ac (HT40) CH46

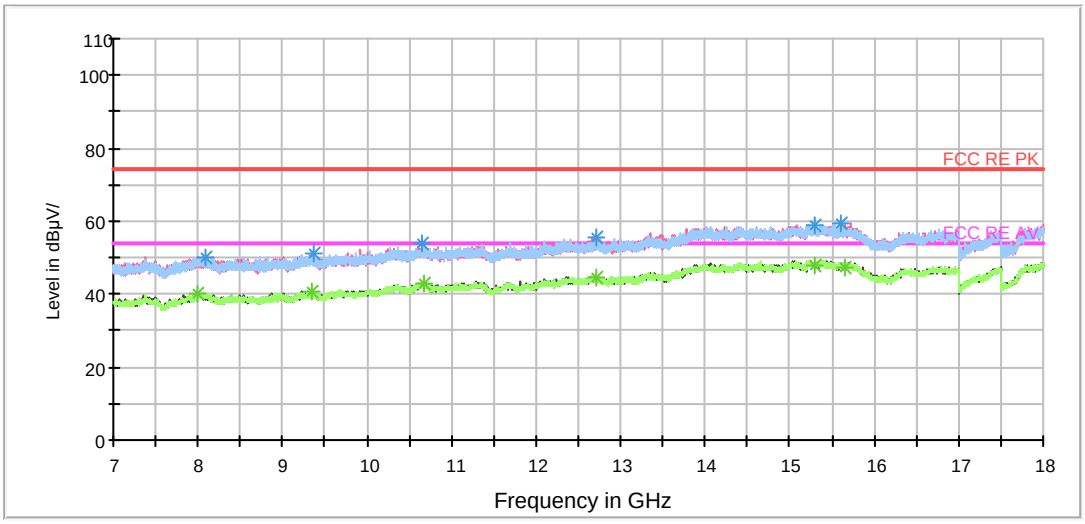
FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 1GHz to 7GHz

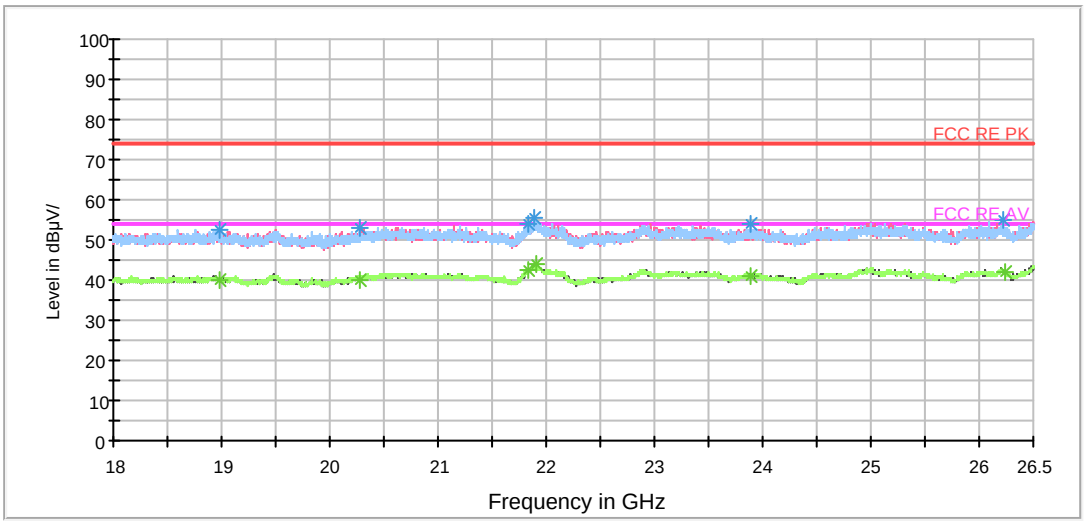
Note: The signal beyond the limit is carrier.

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



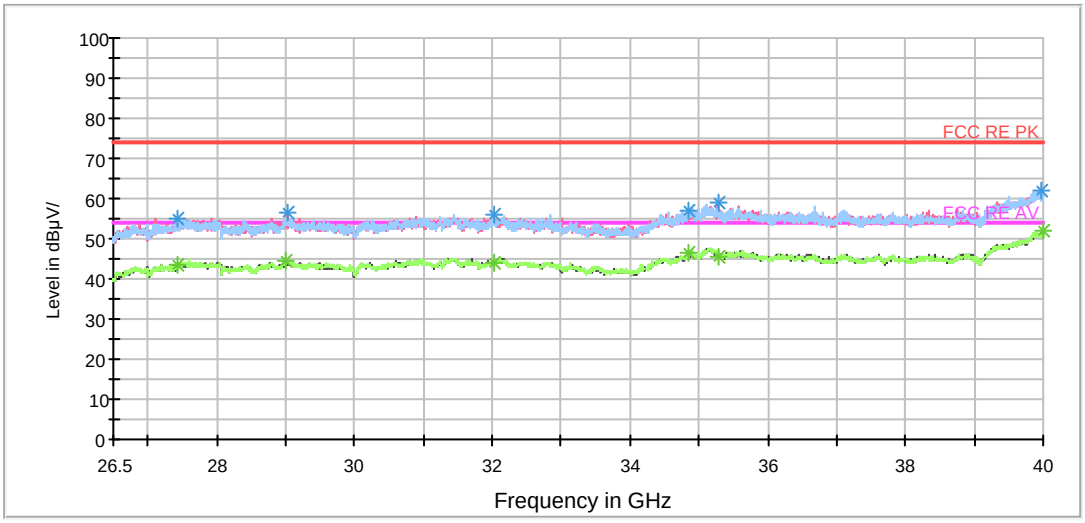
Radiates Emission from 7GHz to 18GHz

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

RE 26.5-40GHz PK+AV Class B



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1062.250000	40.5	100.0	H	356.0	49.4	-8.9	33.5	74
1725.250000	40.1	100.0	V	7.0	45.2	-5.1	33.9	74
2497.000000	41.9	100.0	V	76.0	42.8	-0.9	32.1	74
2999.500000	43.2	100.0	V	96.0	43.7	-0.5	30.8	74
4999.750000	44.9	100.0	V	136.0	43.3	1.6	29.1	74
5811.250000	50.9	100.0	H	317.0	45.6	5.3	23.1	74

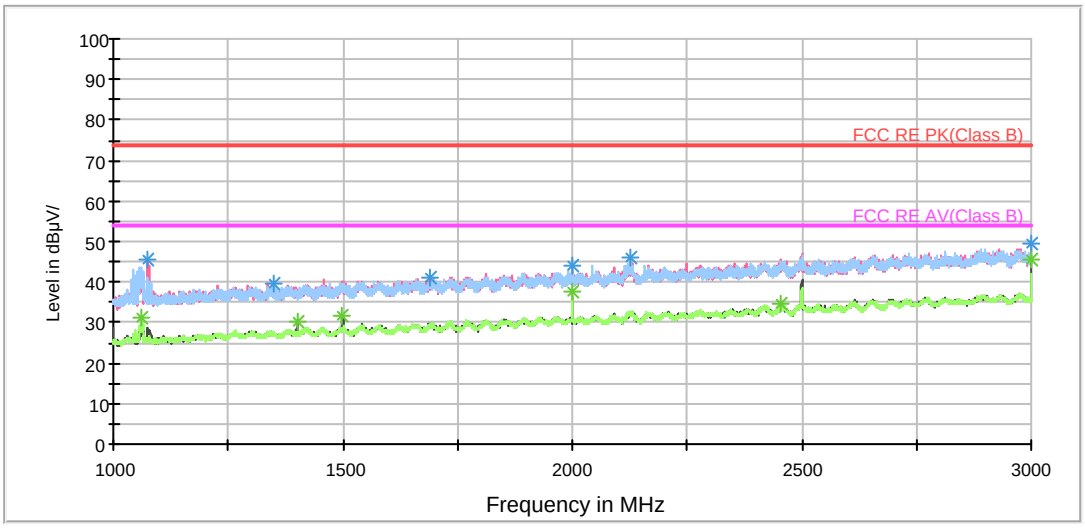
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1062.250000	28.3	100.0	H	356.0	37.2	-8.9	25.7	54
1724.500000	33.2	100.0	V	338.0	38.3	-5.1	20.8	54
2487.250000	33.6	100.0	V	76.0	34.6	-1.0	20.4	54
3000.250000	37.3	100.0	V	106.0	37.8	-0.5	16.7	54
5000.500000	37.9	100.0	V	116.0	36.3	1.6	16.1	54
5811.250000	46.1	100.0	H	317.0	40.8	5.3	7.9	54

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

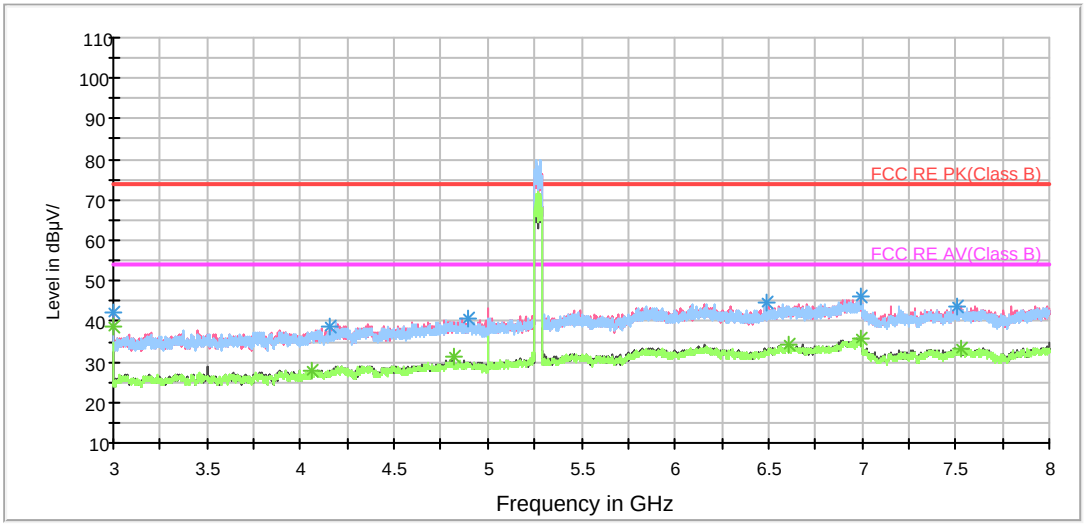
802.11ac (HT40) CH54

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

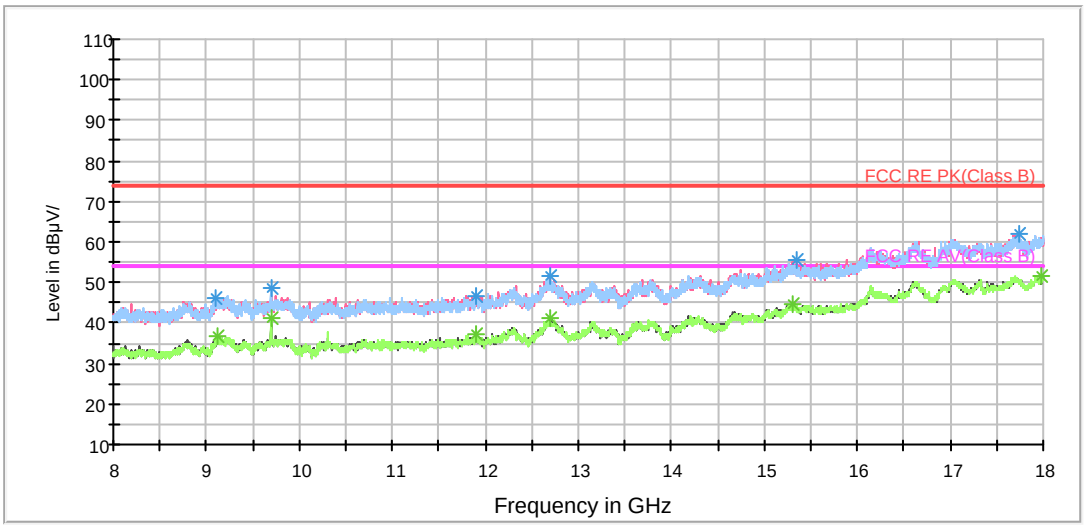
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

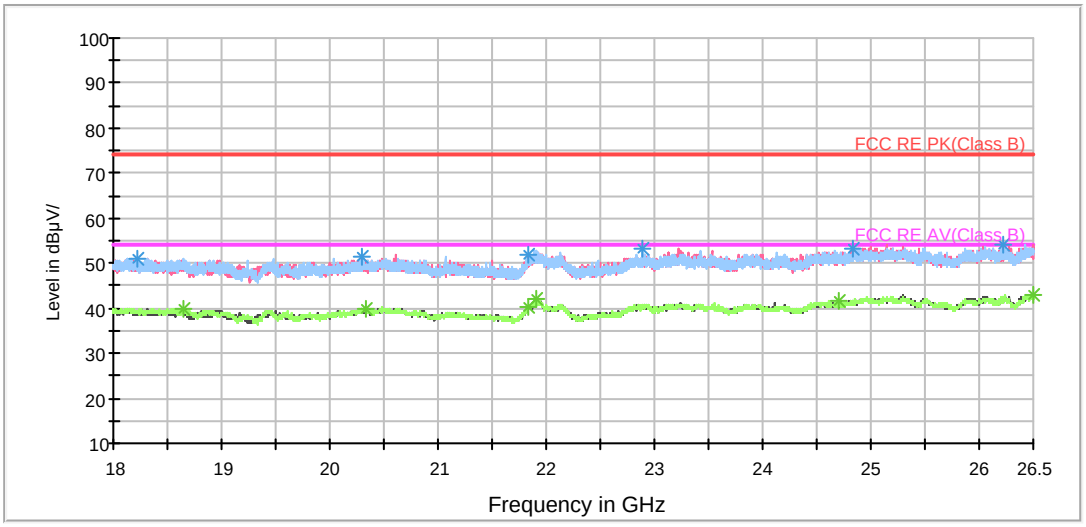
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



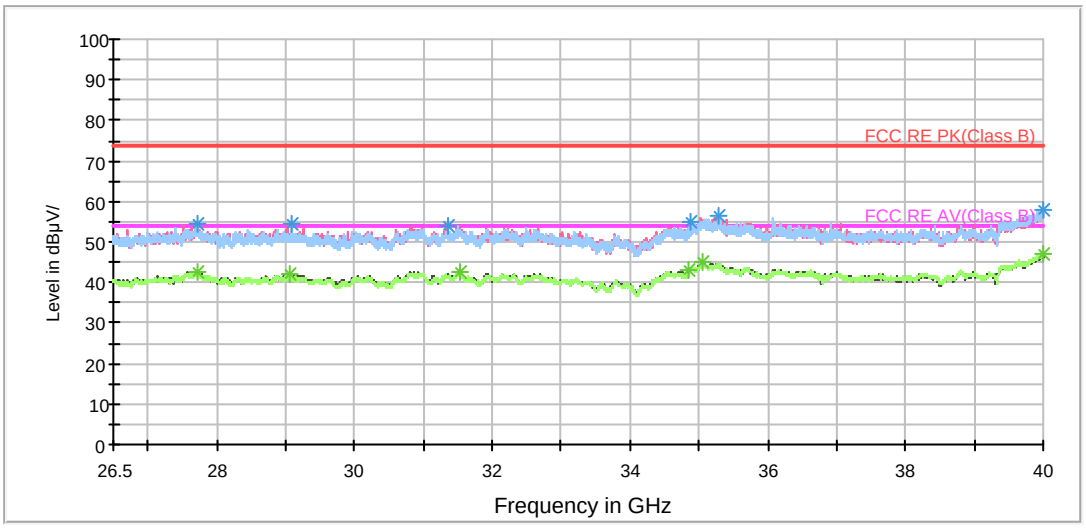
Radiates Emission from 8GHz to 18GHz

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

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	42.4	200.0	V	188.0	45.6	-3.2	31.6	74
4154.375000	38.7	200.0	V	218.0	38.8	-0.1	35.3	74
4894.375000	40.8	200.0	V	0.0	38.9	1.9	33.2	74
6485.625000	44.6	200.0	H	11.0	39.5	5.1	29.4	74
6992.500000	46.1	200.0	V	169.0	39.6	6.5	27.9	74
7502.500000	43.9	200.0	V	237.0	37.0	6.9	30.1	74

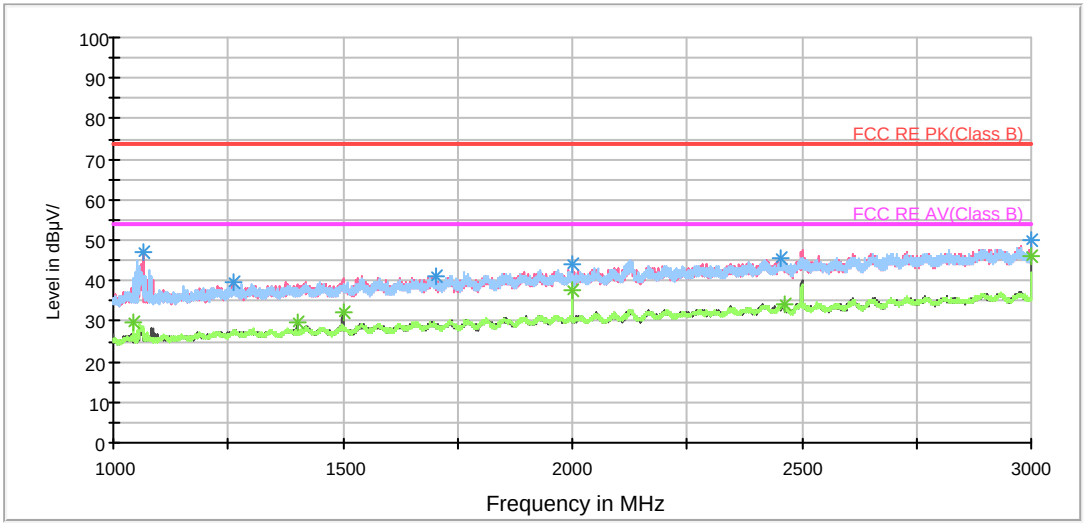
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	38.8	200.0	V	188.0	42.0	-3.2	15.2	54
4062.500000	28.1	200.0	V	0.0	29.2	-1.1	25.9	54
4823.750000	31.5	200.0	H	30.0	30.1	1.4	22.5	54
6603.750000	34.2	200.0	V	218.0	28.6	5.6	19.8	54
6996.875000	35.9	200.0	V	208.0	29.4	6.5	18.1	54
7526.250000	33.4	200.0	V	110.0	26.3	7.1	20.6	54

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

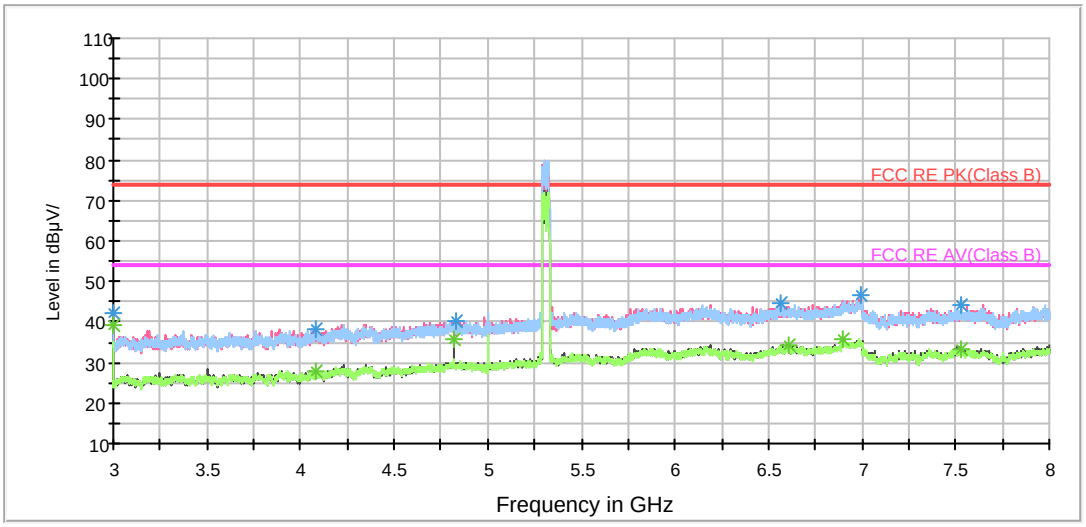
802.11ac (HT40) CH62

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

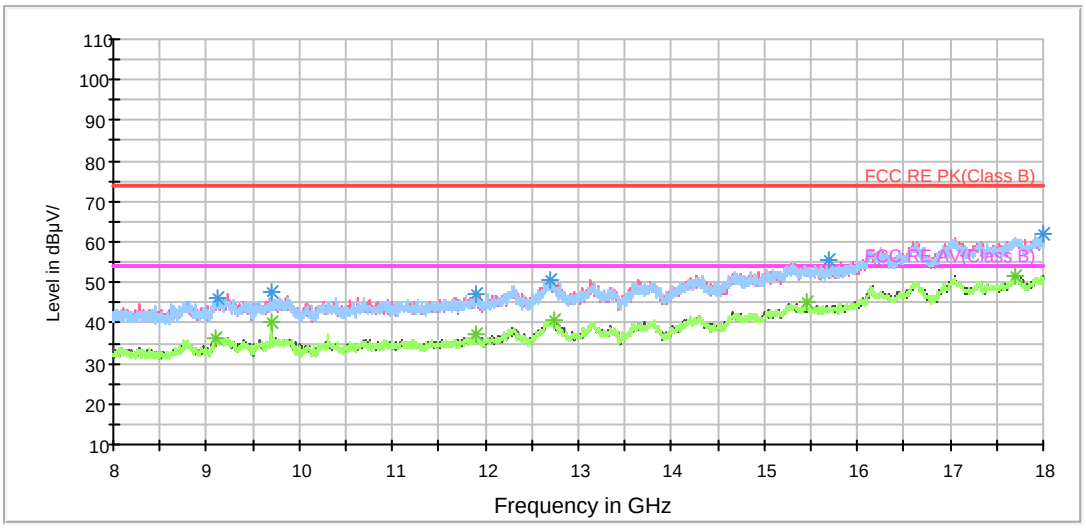
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

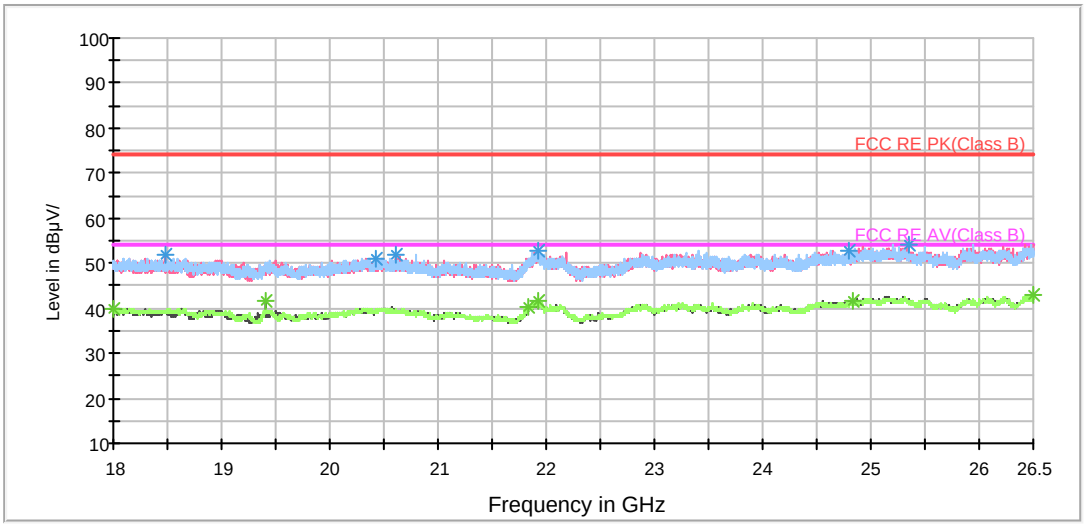
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



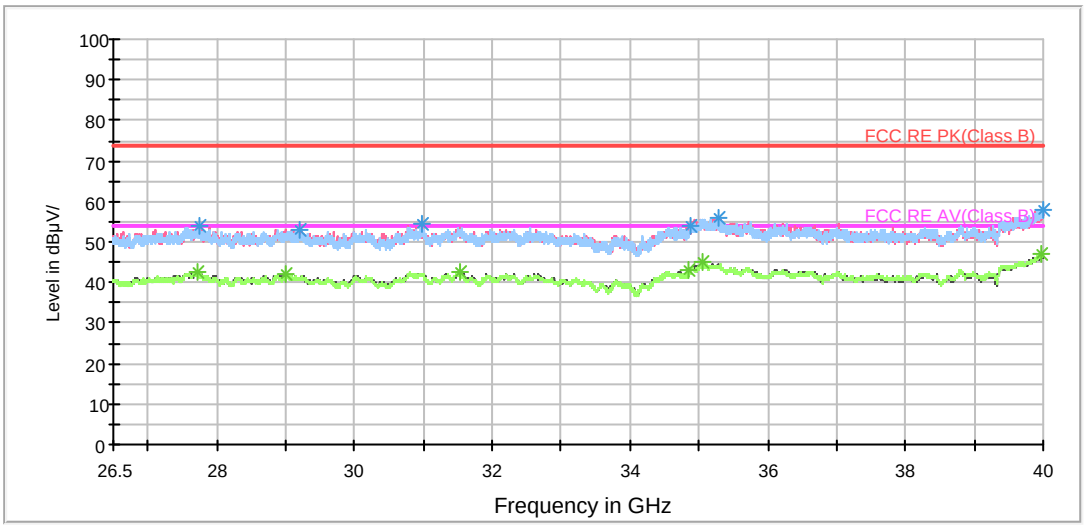
Radiates Emission from 8GHz to 18GHz

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

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	42.3	200.0	V	186.0	45.5	-3.2	31.7	74
4081.250000	38.4	200.0	V	326.0	39.3	-0.9	35.6	74
4834.375000	40.4	200.0	V	156.0	38.9	1.5	33.6	74
6560.000000	44.4	200.0	V	296.0	38.6	5.8	29.6	74
6995.000000	46.4	200.0	V	286.0	39.9	6.5	27.6	74
7526.250000	44.0	200.0	V	296.0	36.9	7.1	30.0	74

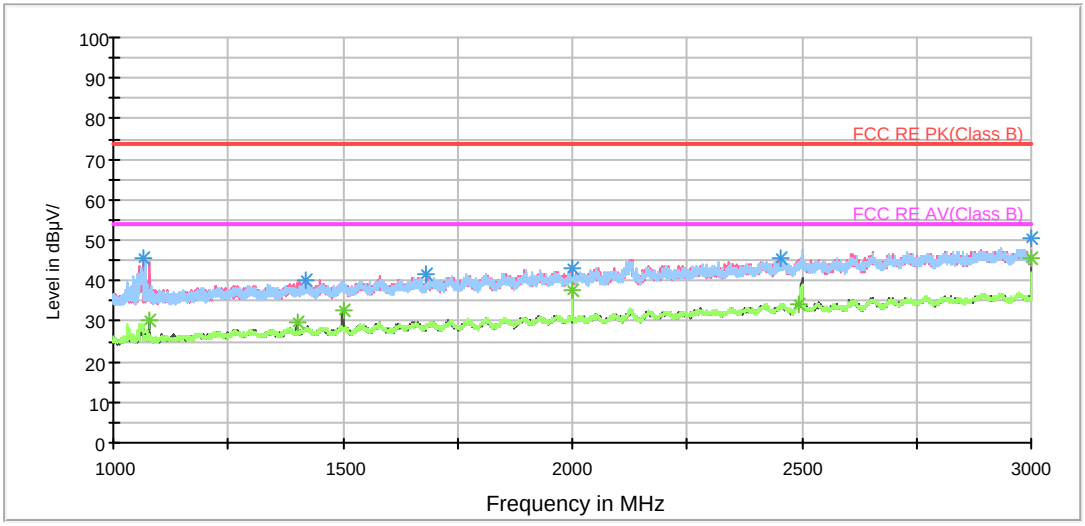
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	39.1	200.0	V	186.0	42.3	-3.2	14.9	54
4080.000000	27.9	200.0	V	0.0	28.8	-0.9	26.1	54
4823.750000	35.8	200.0	V	306.0	34.4	1.4	18.2	54
6603.750000	34.3	200.0	H	0.0	28.7	5.6	19.7	54
6900.625000	35.8	200.0	V	0.0	29.5	6.3	18.2	54
7531.250000	33.2	200.0	V	0.0	26.1	7.1	20.8	54

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

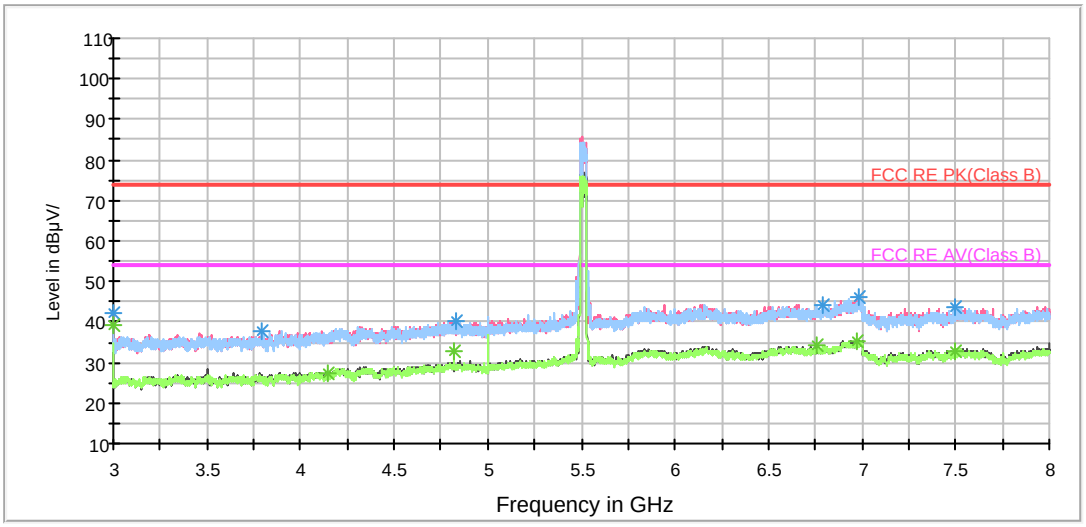
802.11ac (HT40) CH102

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

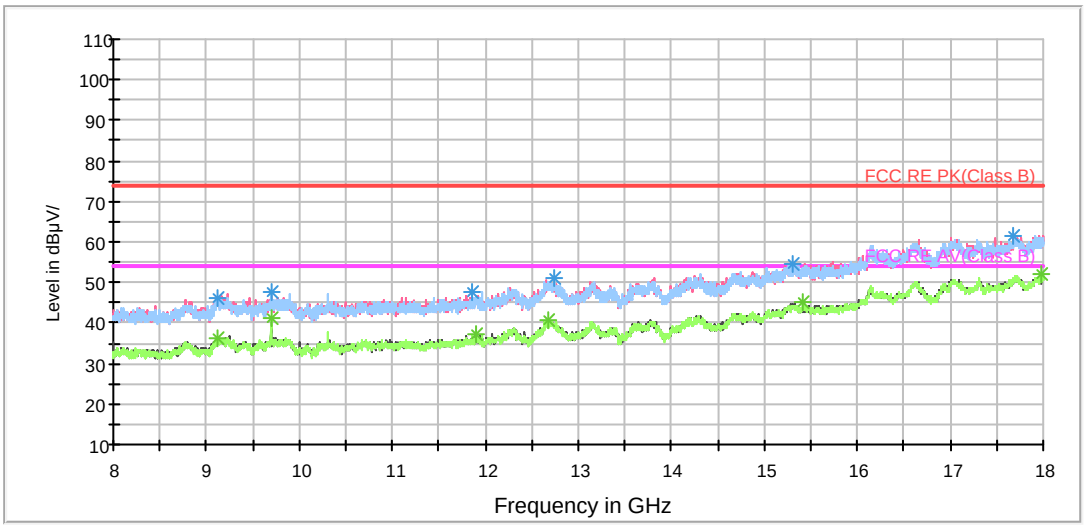
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

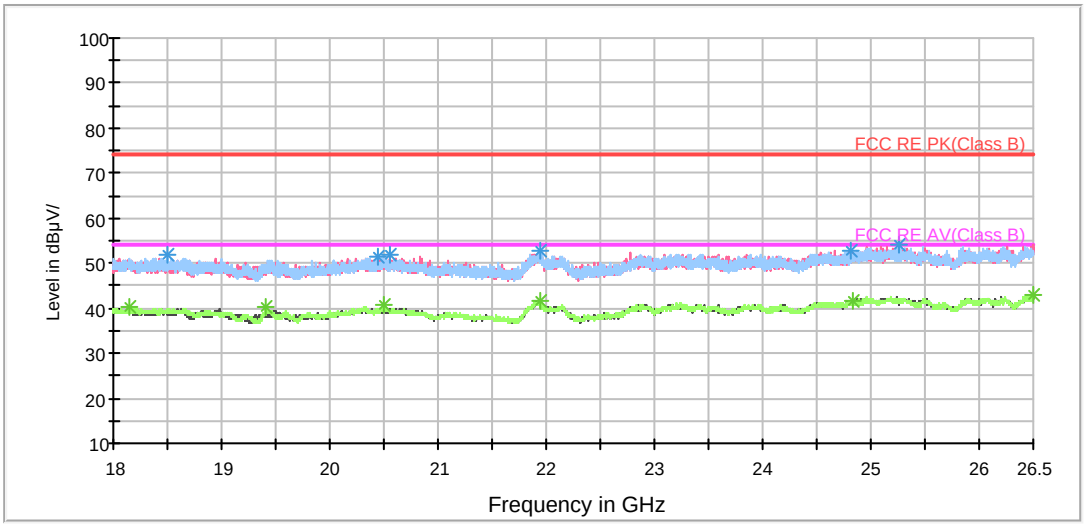
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



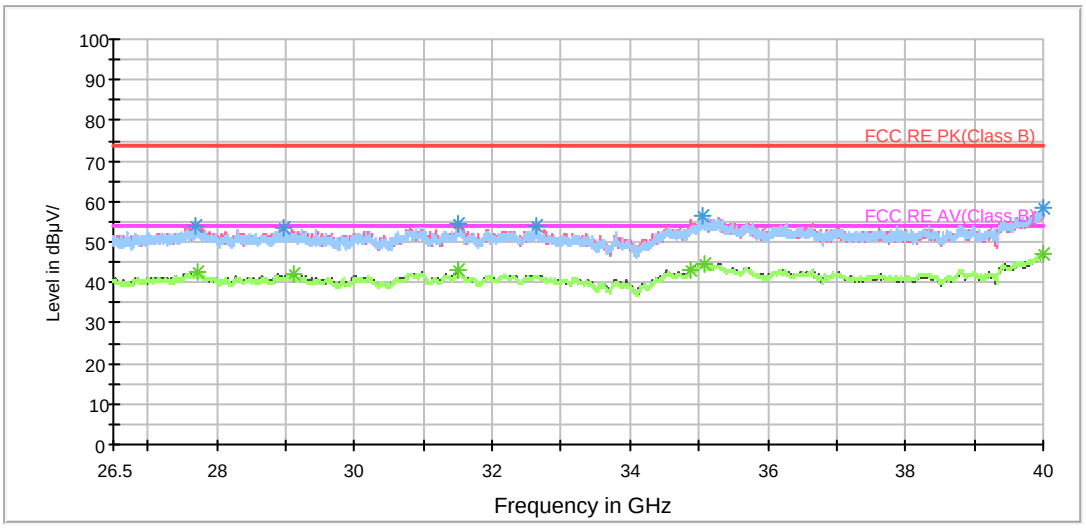
Radiates Emission from 8GHz to 18GHz

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

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	42.1	200.0	V	178.0	45.3	-3.2	31.9	74
3790.625000	37.8	200.0	H	222.0	39.5	-1.7	36.2	74
4833.750000	40.1	200.0	H	0.0	38.6	1.5	33.9	74
6785.625000	44.3	200.0	H	0.0	38.7	5.6	29.7	74
6982.500000	46.1	200.0	H	44.0	39.7	6.4	27.9	74
7495.000000	43.5	200.0	V	259.0	36.7	6.8	30.5	74

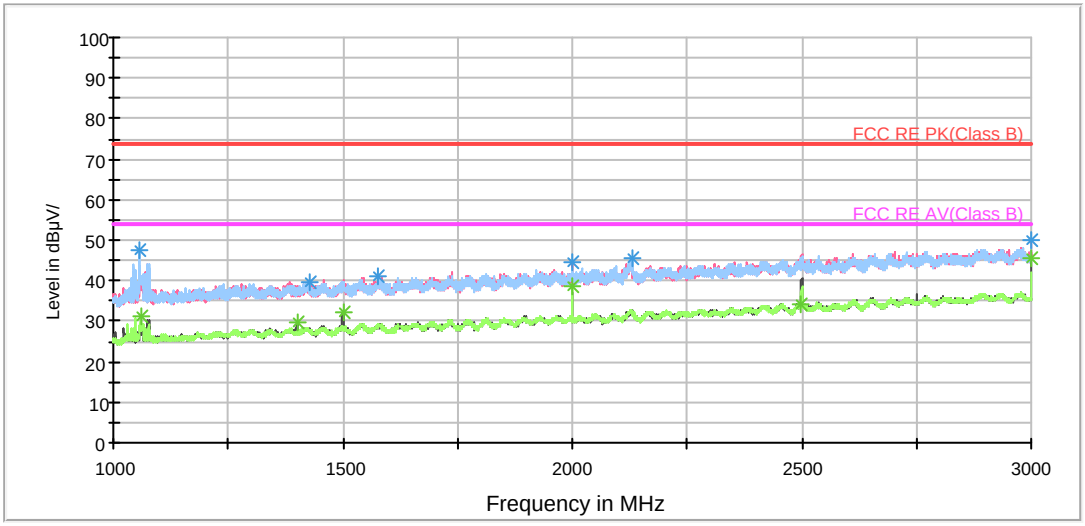
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	39.2	200.0	V	178.0	42.4	-3.2	14.8	54
4144.375000	27.6	200.0	H	163.0	27.8	-0.2	26.4	54
4823.750000	32.6	200.0	H	44.0	31.2	1.4	21.4	54
6754.375000	34.0	200.0	V	0.0	28.5	5.5	20.0	54
6972.500000	35.4	200.0	V	327.0	29.1	6.3	18.6	54
7493.125000	32.7	200.0	V	188.0	25.9	6.8	21.3	54

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

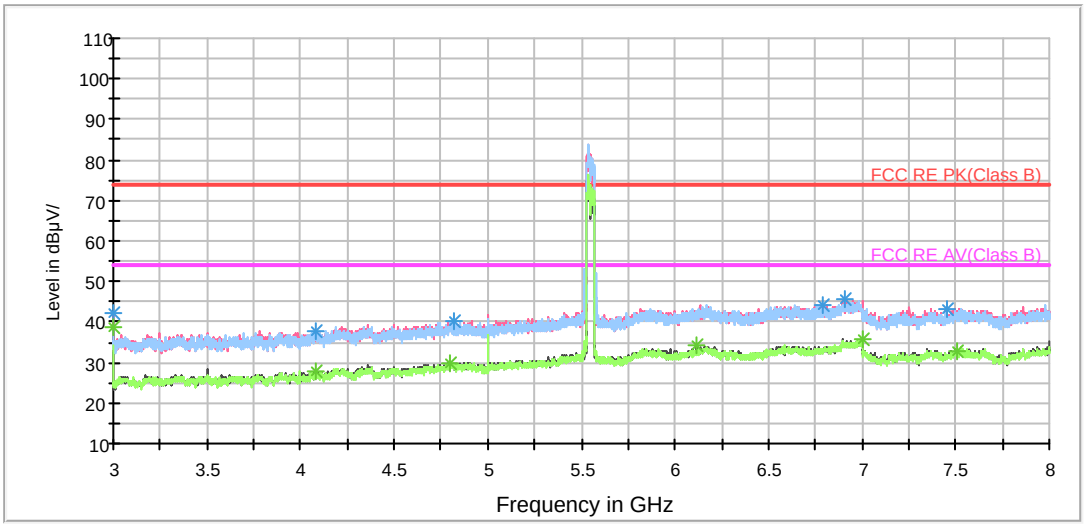
802.11ac (HT40) CH110

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

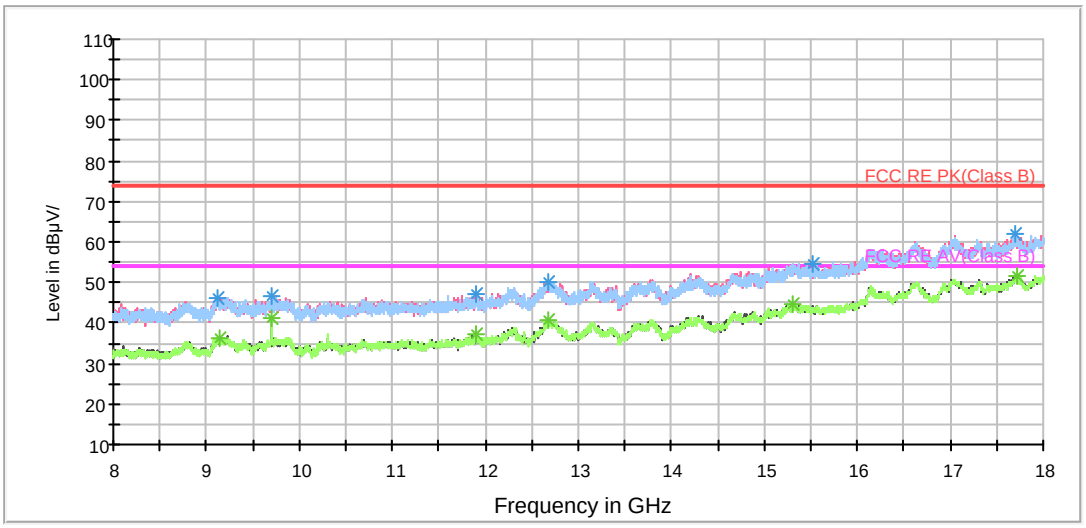
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

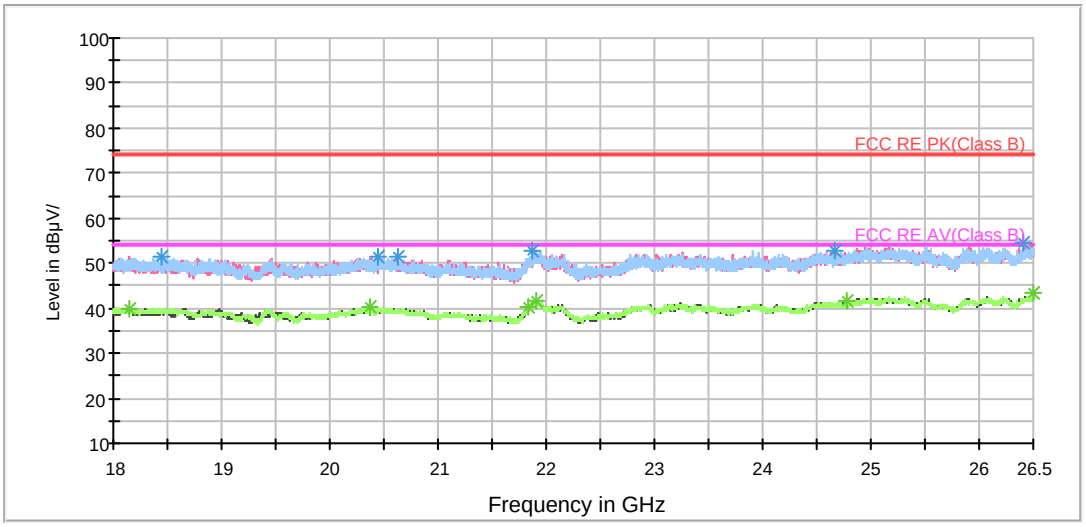
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



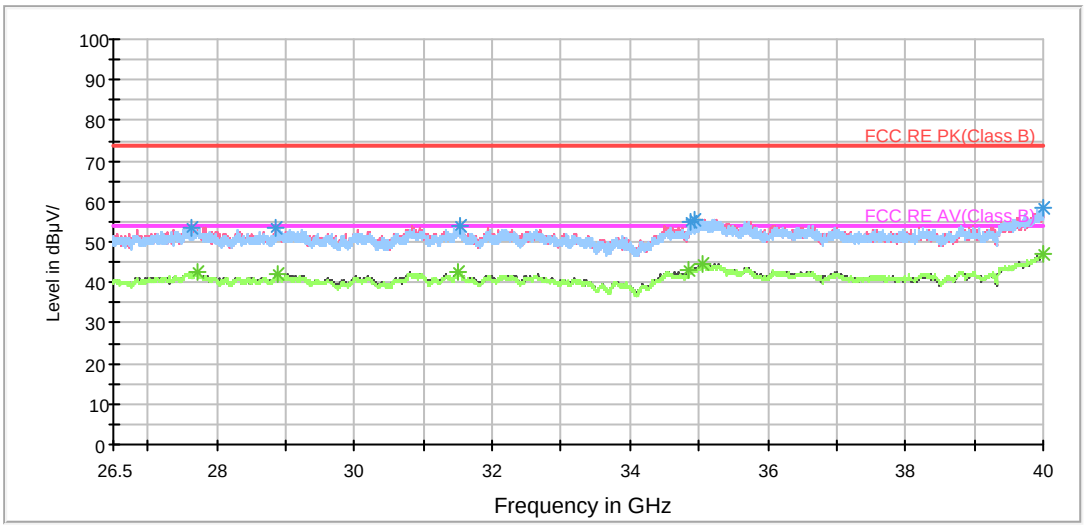
Radiates Emission from 8GHz to 18GHz

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

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	42.3	200.0	V	198.0	45.5	-3.2	31.7	74
4086.250000	37.9	200.0	H	254.0	38.8	-0.9	36.1	74
4816.875000	40.3	200.0	V	314.0	39.0	1.3	33.7	74
6791.250000	44.1	200.0	V	187.0	38.4	5.7	29.9	74
6907.500000	45.6	200.0	H	45.0	39.4	6.2	28.4	74
7456.250000	43.0	200.0	V	294.0	36.2	6.8	31.0	74

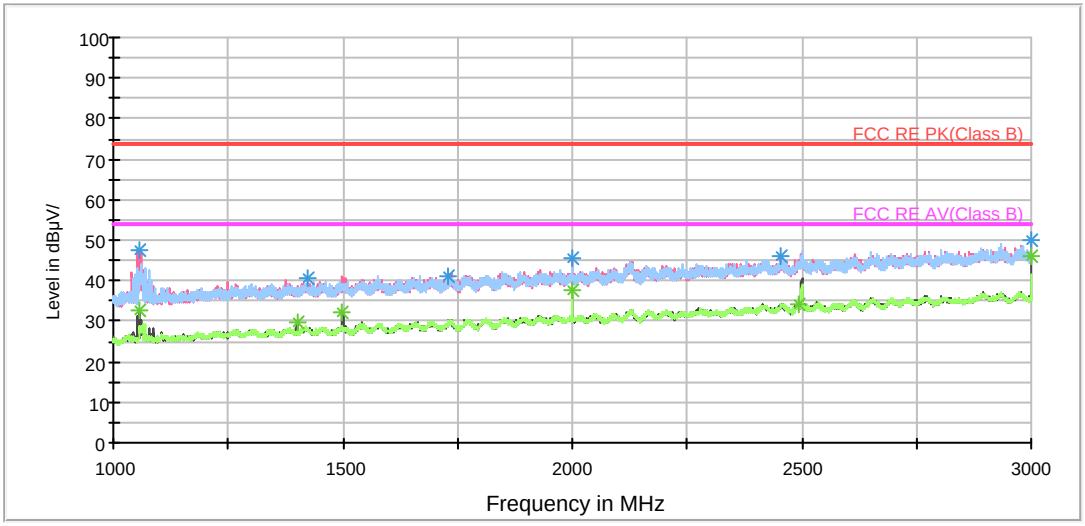
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	38.9	200.0	V	198.0	42.1	-3.2	15.1	54
4084.375000	27.8	200.0	H	25.0	28.7	-0.9	26.2	54
4800.000000	30.0	200.0	V	0.0	28.7	1.3	24.0	54
6118.750000	34.2	200.0	V	226.0	28.8	5.4	19.8	54
7000.000000	35.8	200.0	V	198.0	29.2	6.6	18.2	54
7508.125000	33.0	200.0	V	276.0	26.0	7.0	21.0	54

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

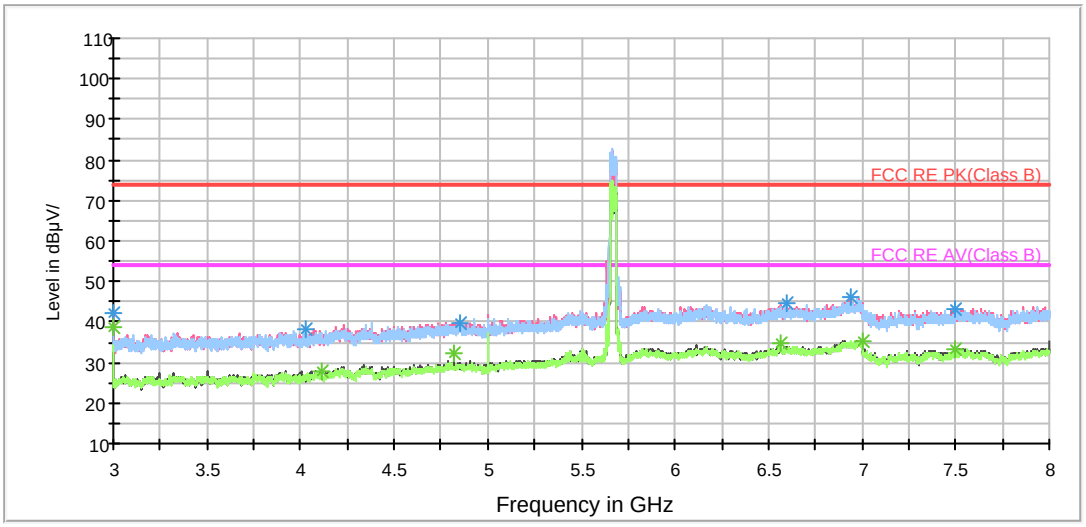
802.11ac (HT40) CH134

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

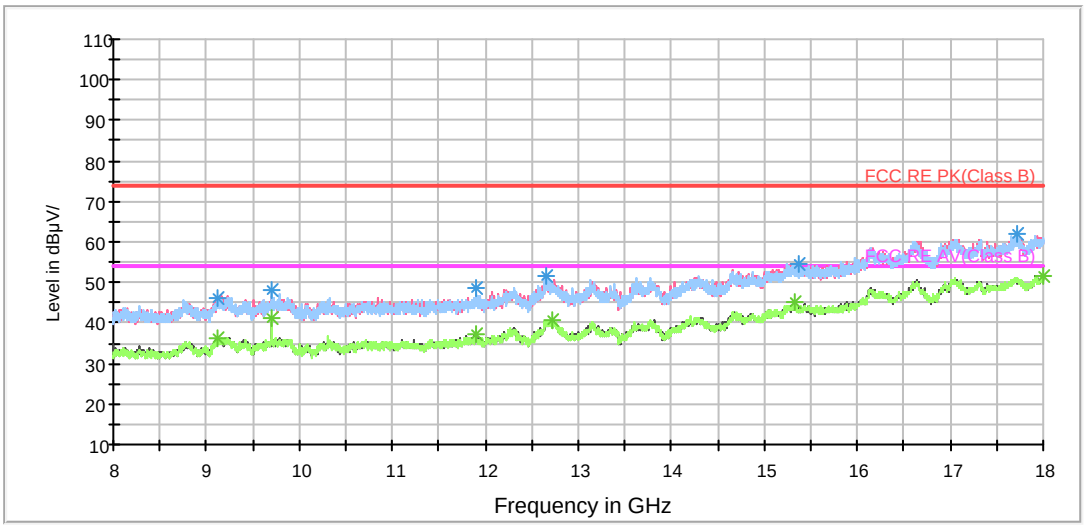
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

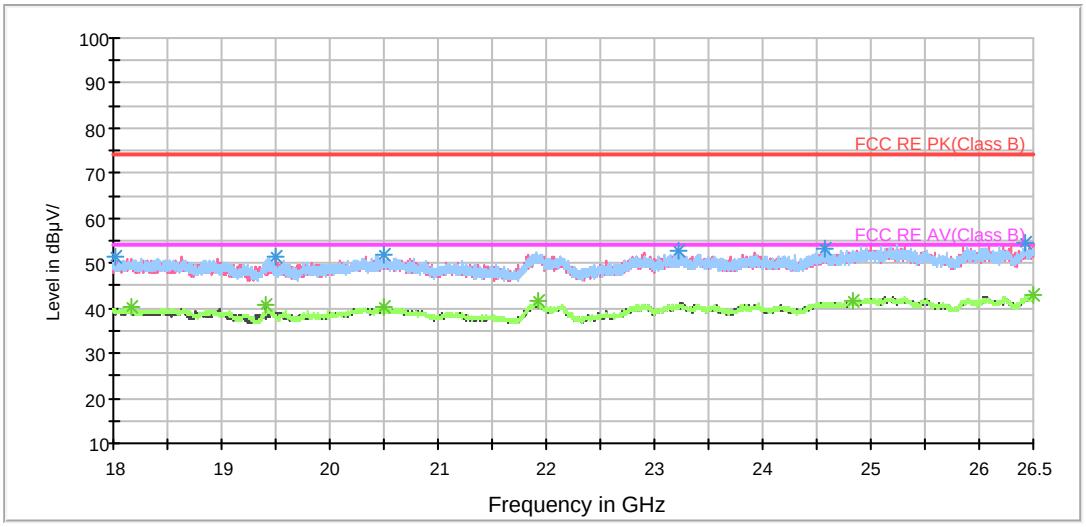
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



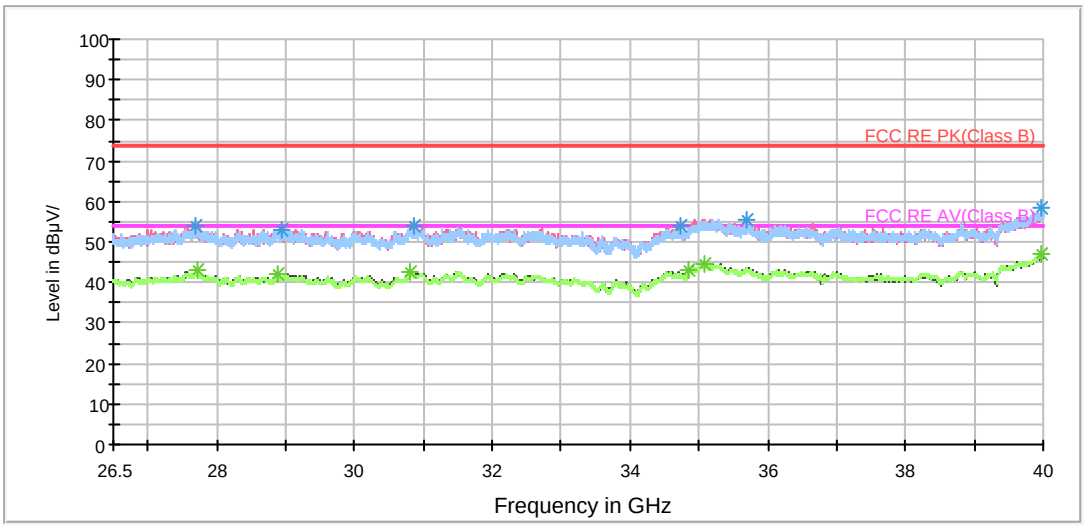
Radiates Emission from 8GHz to 18GHz

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

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	42.0	200.0	V	189.0	45.2	-3.2	32.0	74
4033.125000	38.2	200.0	H	171.0	39.3	-1.1	35.8	74
4849.375000	39.8	200.0	V	321.0	38.2	1.6	34.2	74
6600.000000	44.7	200.0	H	1.0	39.0	5.7	29.3	74
6944.375000	46.3	200.0	V	0.0	40.2	6.1	27.7	74
7498.125000	43.2	200.0	V	129.0	36.4	6.8	30.8	74

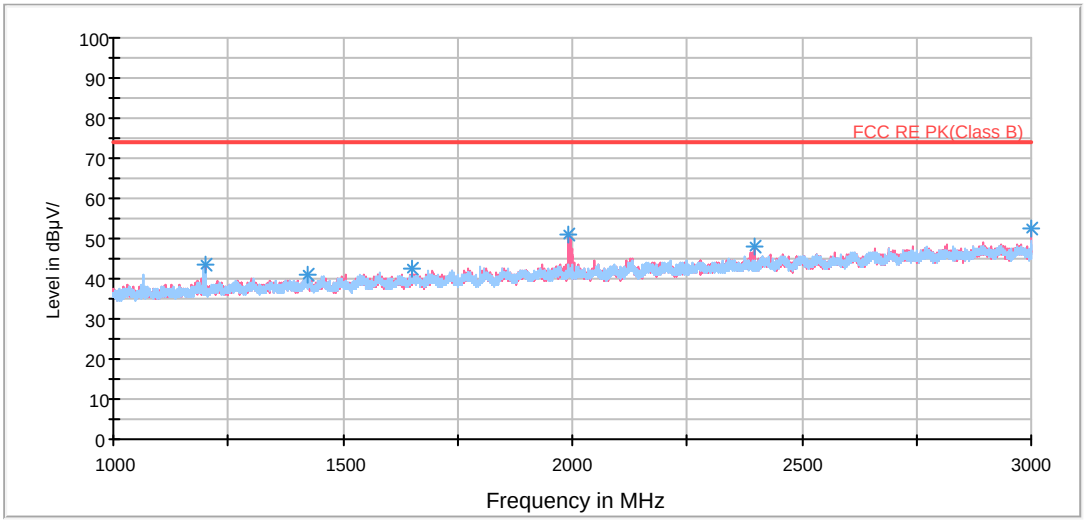
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	38.8	200.0	V	189.0	42.0	-3.2	15.2	54
4113.125000	28.0	200.0	H	68.0	28.7	-0.7	26.0	54
4823.750000	32.5	200.0	V	340.0	31.1	1.4	21.5	54
6568.750000	34.5	200.0	H	141.0	28.8	5.7	19.5	54
7000.000000	35.5	200.0	V	239.0	28.9	6.6	18.5	54
7499.375000	33.2	200.0	V	331.0	26.3	6.9	20.8	54

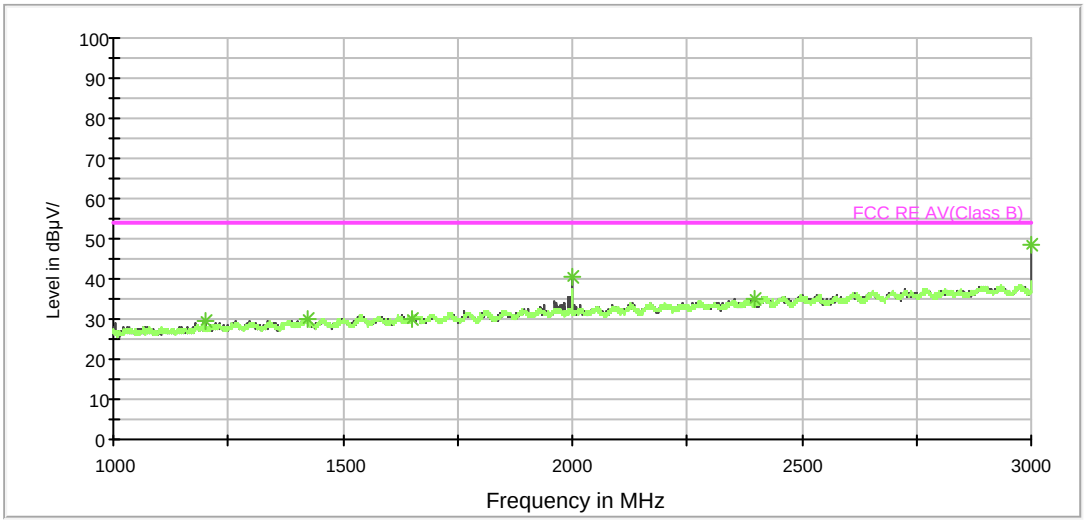
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

802.11 ac (HT40) CH151

RE 1G-3GHz PK+AV

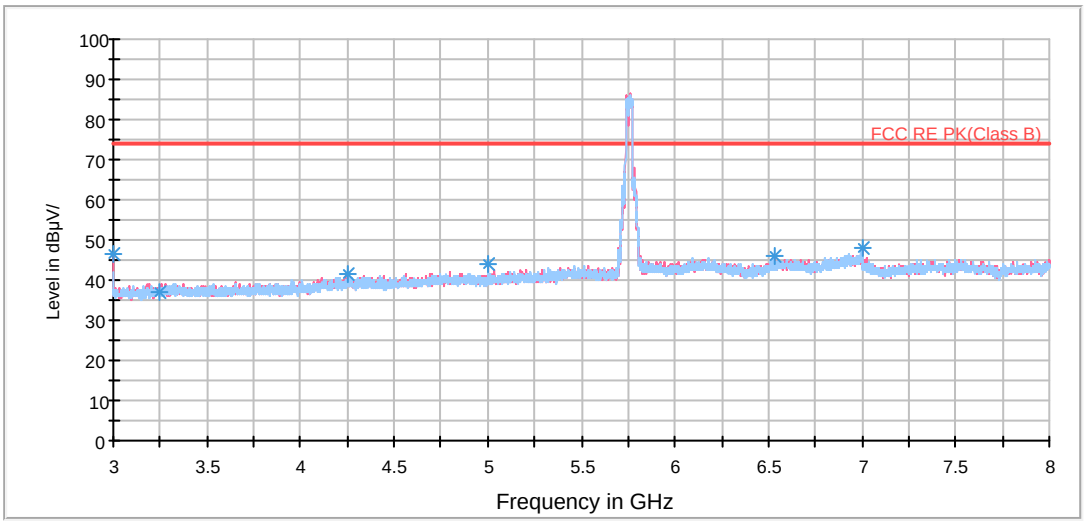


RE 1G-3GHz PK+AV

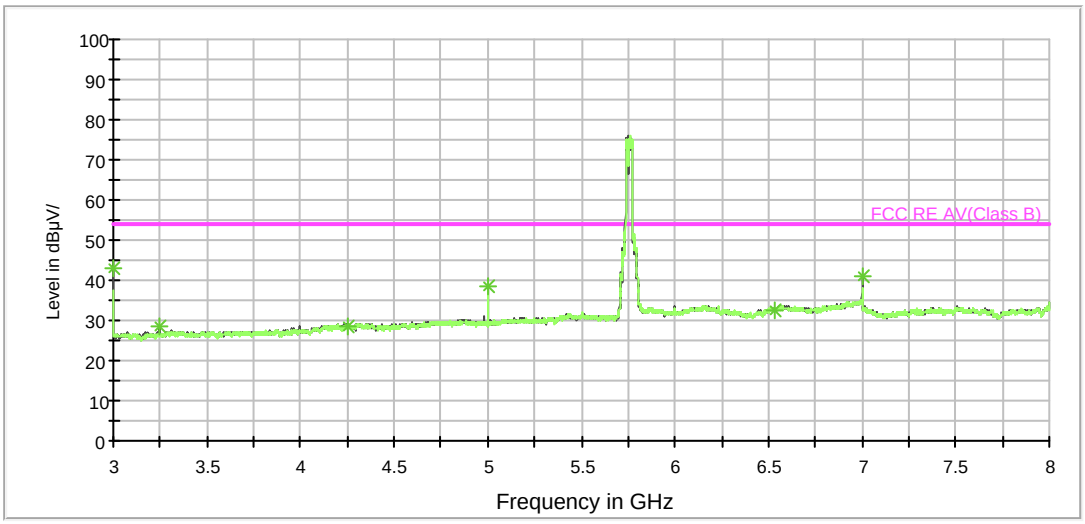


Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



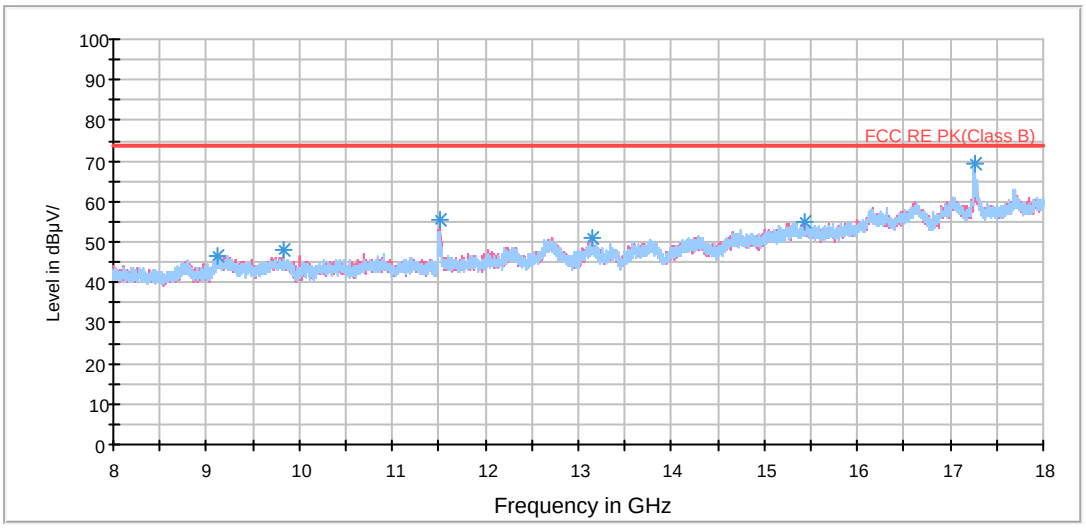
RE 3-18GHz PK+AV



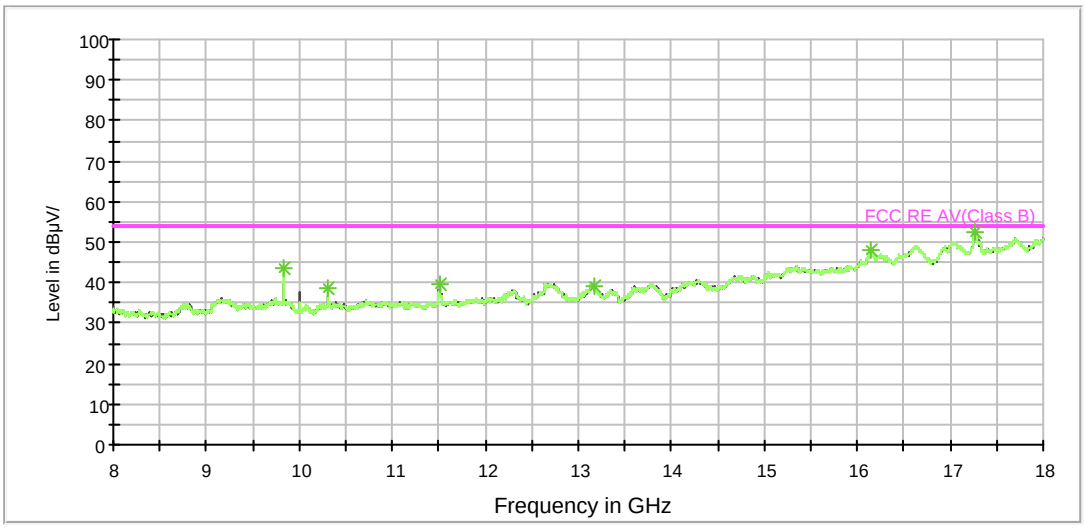
Radiates Emission from 3GHz to 8GHz

Note: The signal beyond the limit is carrier.

RE 3-18GHz PK+AV

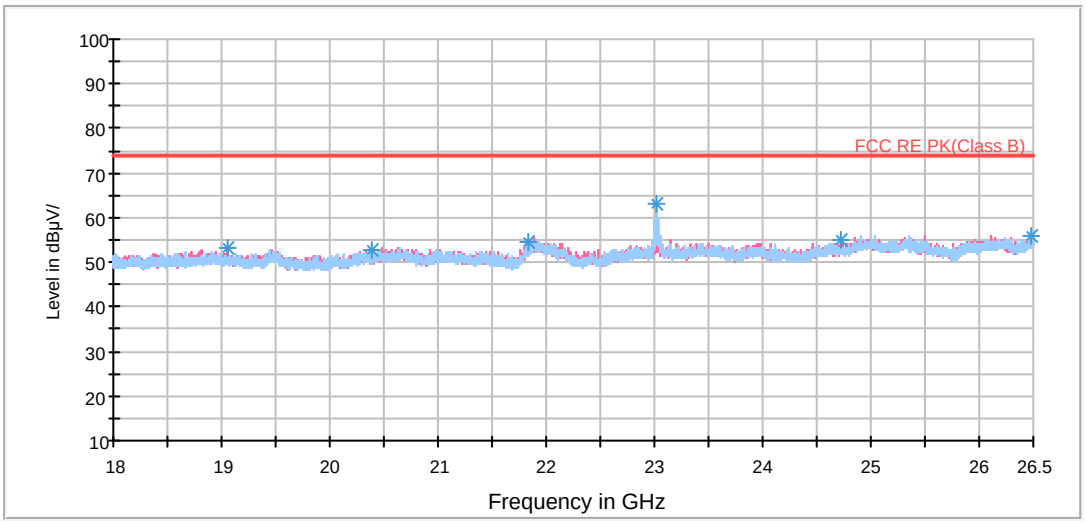


RE 3-18GHz PK+AV

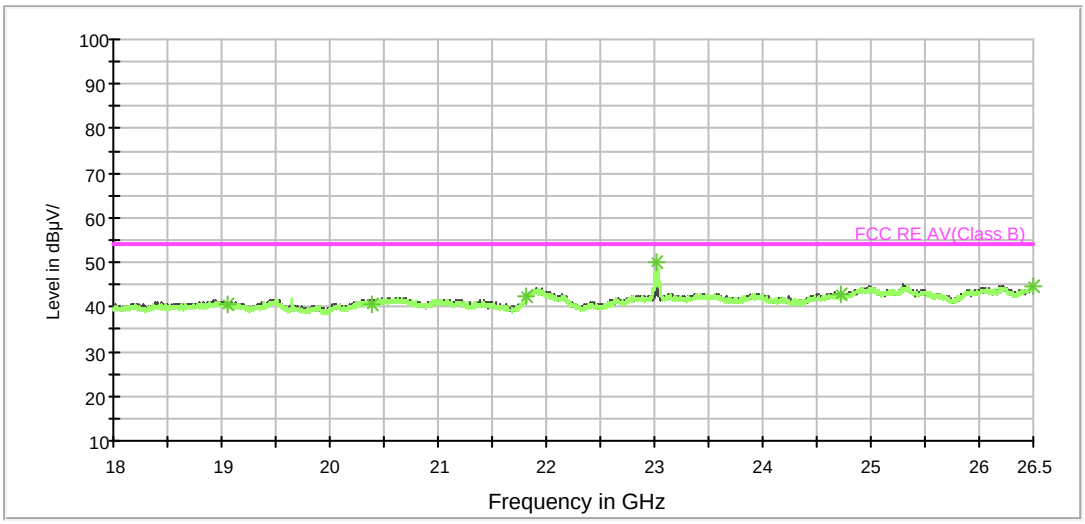


Radiates Emission from 8GHz to18GHz

BELL_RE 18-26.5GHz PK+AV

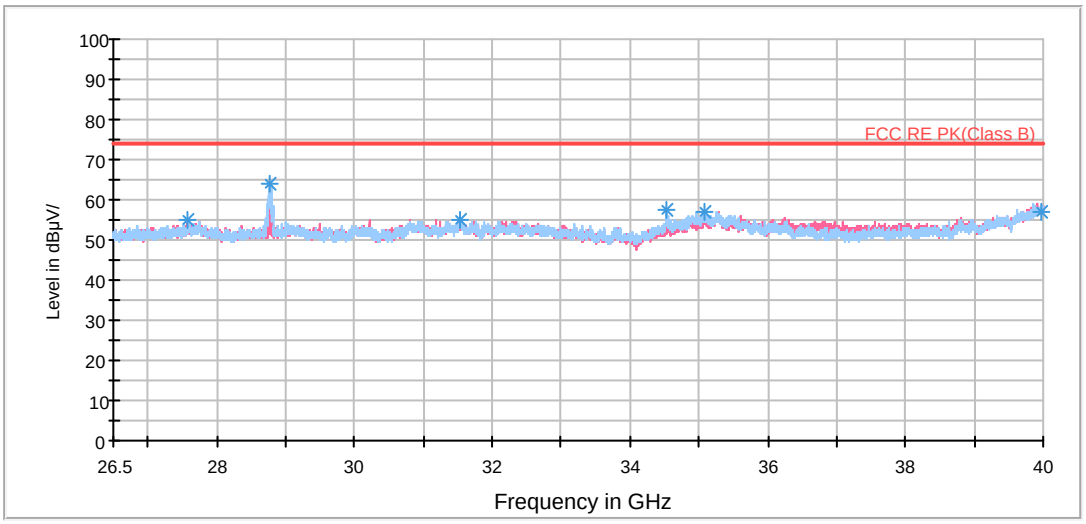


BELL_RE 18-26.5GHz PK+AV

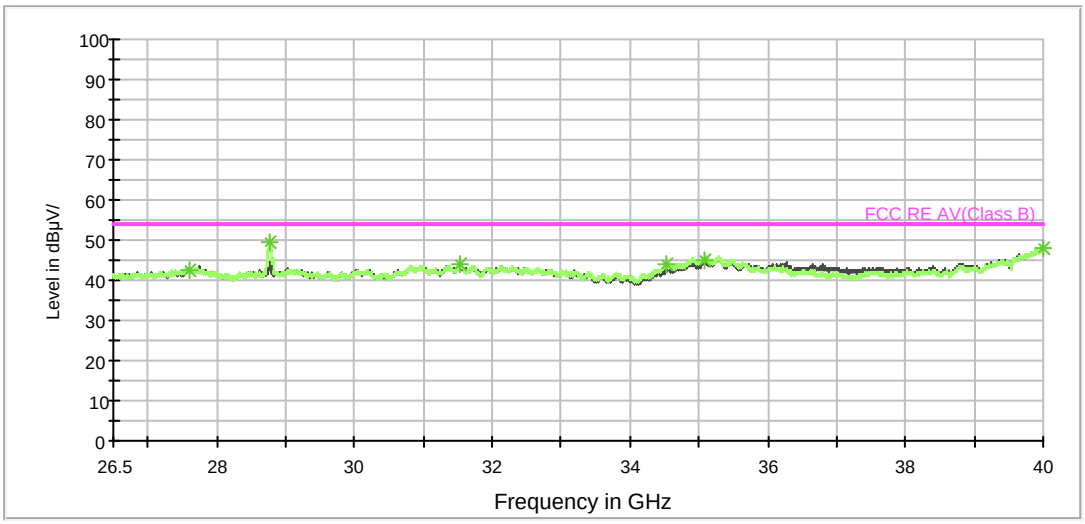


Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	46.6	200.0	V	137.0	49.8	-3.2	27.4	74
3249.375000	37.1	200.0	V	186.0	39.6	-2.5	36.9	74
4256.875000	41.7	200.0	H	197.0	41.0	0.7	32.3	74
4999.375000	43.8	200.0	H	110.0	42.2	1.6	30.2	74
6533.750000	46.1	200.0	V	0.0	40.7	5.4	27.9	74
7000.000000	48.1	200.0	V	235.0	41.5	6.6	25.9	74

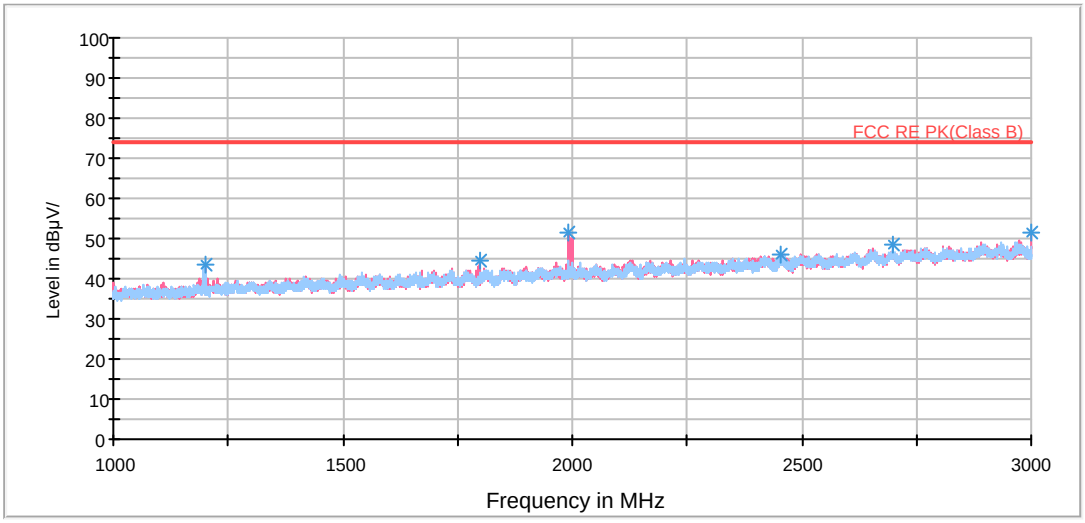
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	43.0	200.0	V	137.0	46.2	-3.2	11.0	54
3250.000000	28.4	200.0	V	186.0	30.9	-2.5	25.6	54
4256.875000	28.6	200.0	H	197.0	27.9	0.7	25.4	54
5000.000000	38.3	200.0	V	225.0	36.7	1.6	15.7	54
6533.750000	32.5	200.0	V	0.0	27.1	5.4	21.5	54
7000.000000	41.2	200.0	V	235.0	34.6	6.6	12.8	54

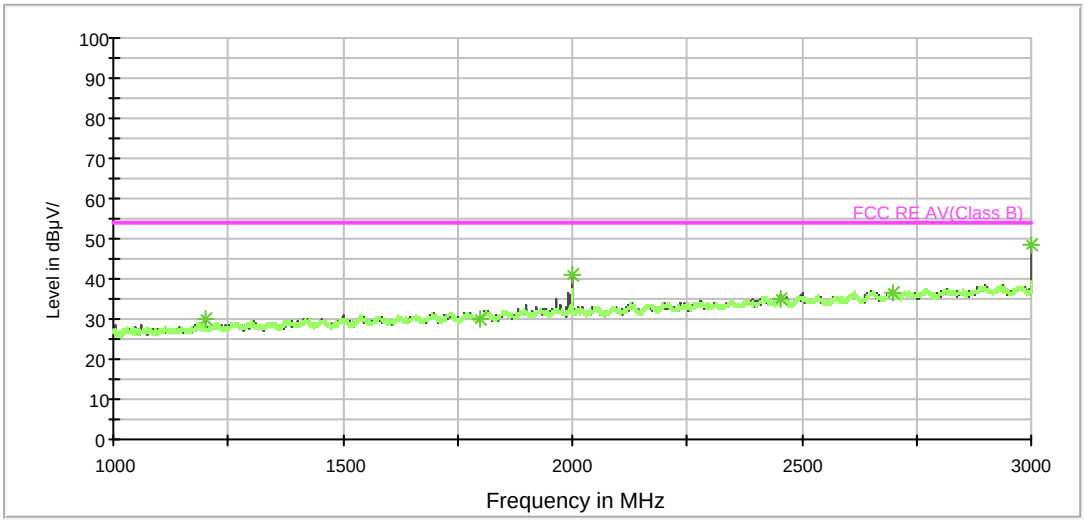
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

802.11 ac (HT40) CH159

RE 1G-3GHz PK+AV

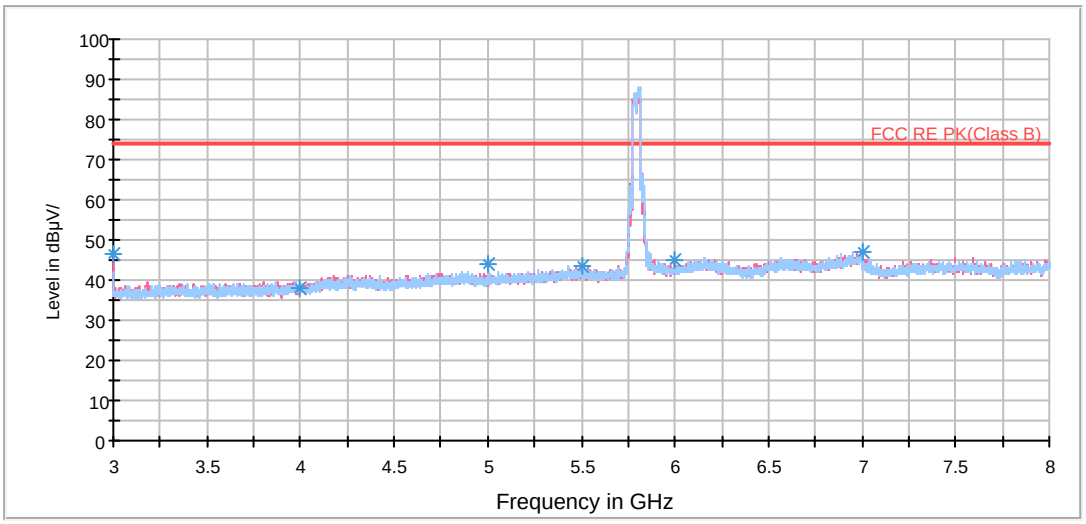


RE 1G-3GHz PK+AV

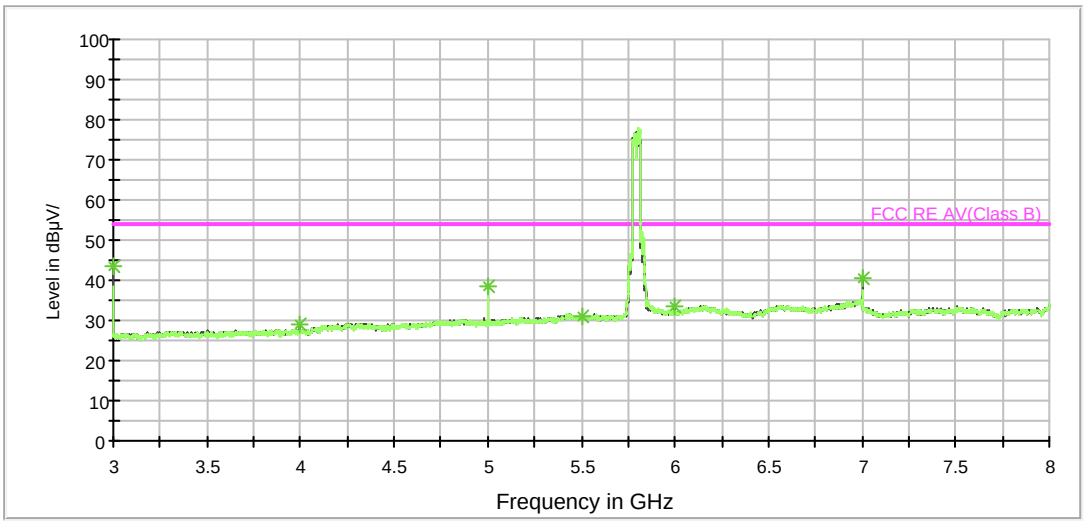


Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



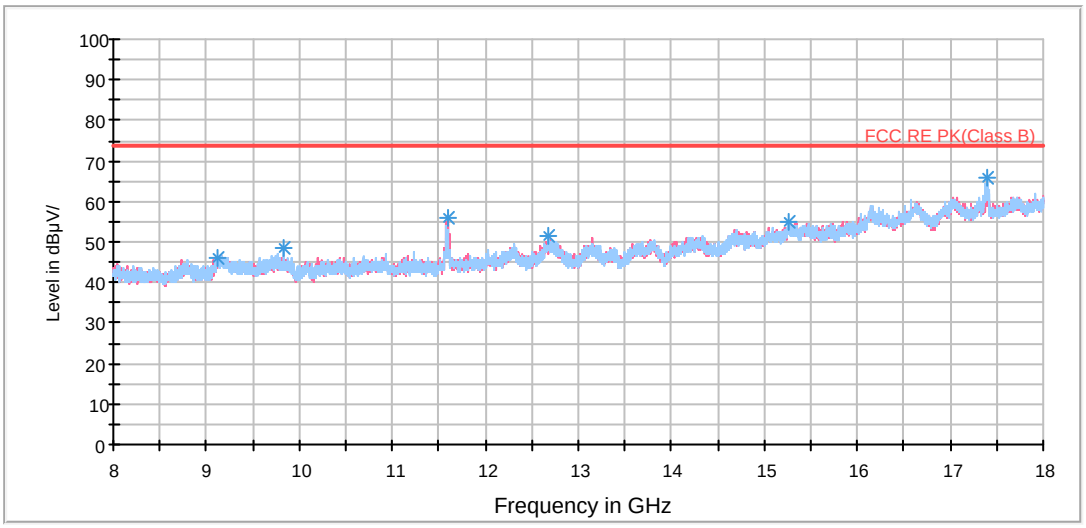
RE 3-18GHz PK+AV



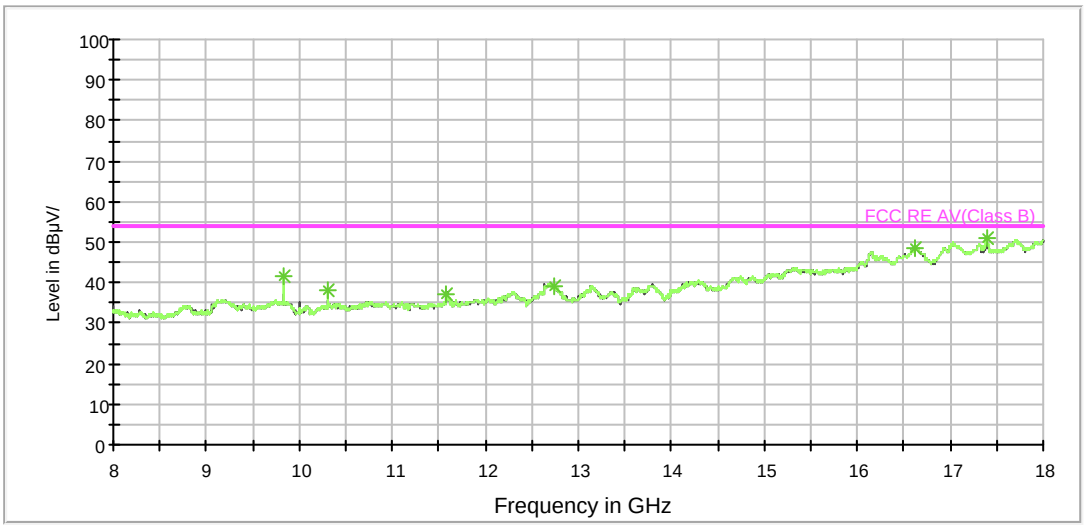
Radiates Emission from 3GHz to 8GHz

Note: The signal beyond the limit is carrier.

RE 3-18GHz PK+AV

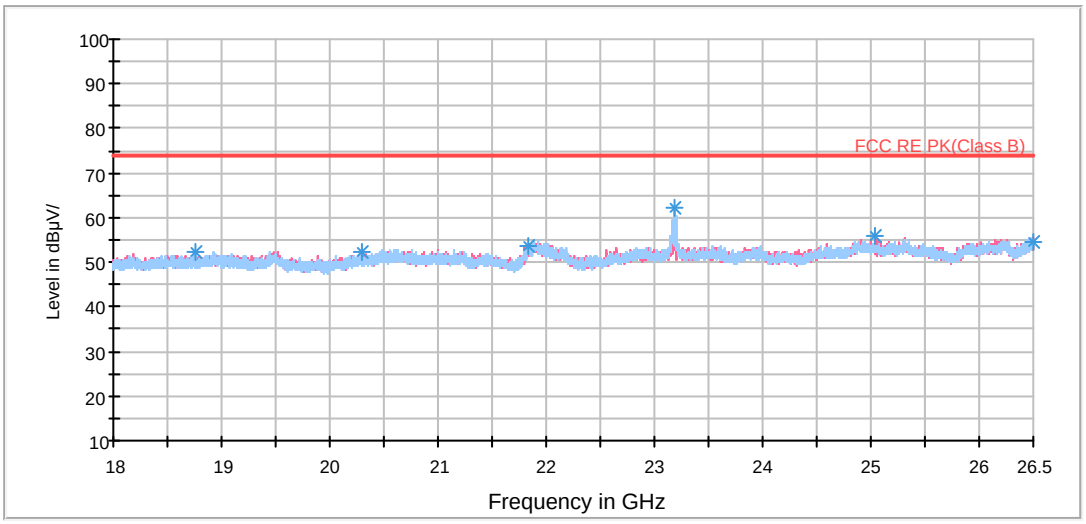


RE 3-18GHz PK+AV

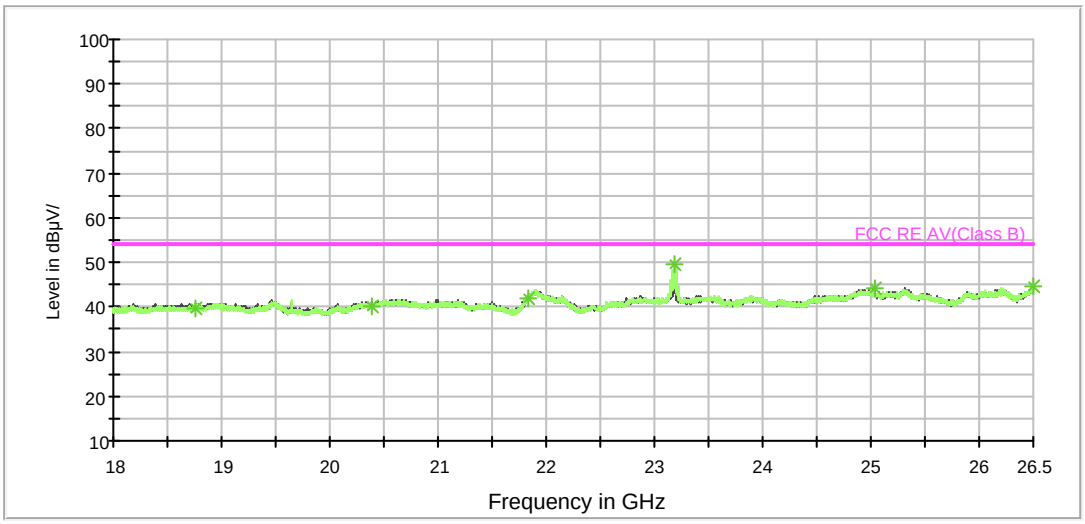


Radiates Emission from 8GHz to18GHz

BELL_RE 18-26.5GHz PK+AV

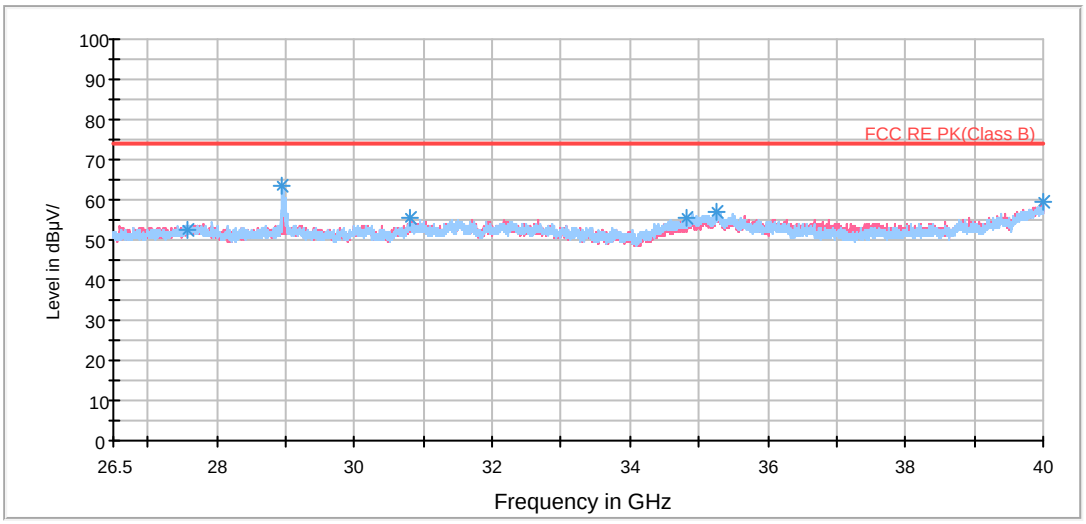


BELL_RE 18-26.5GHz PK+AV

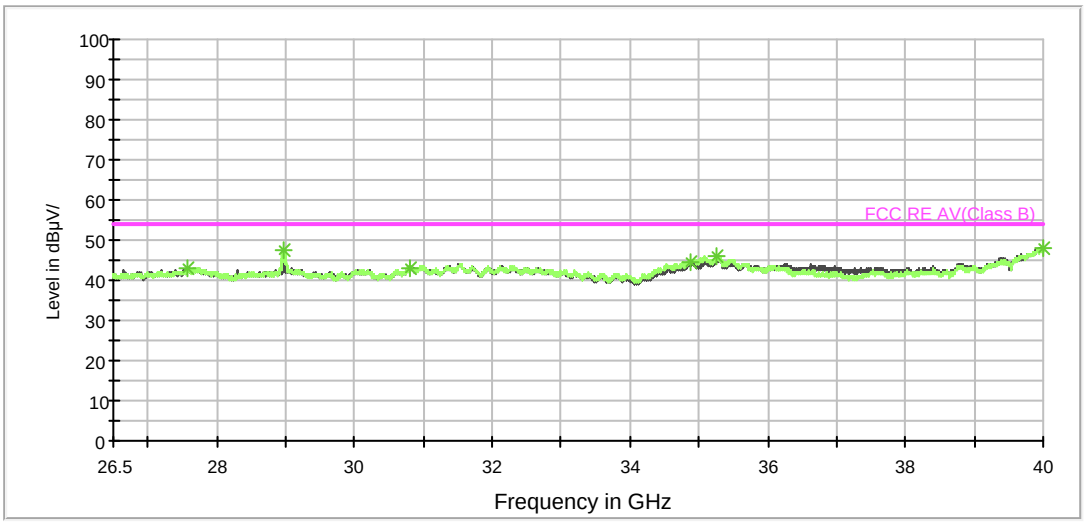


Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	46.4	200.0	V	133.0	49.6	-3.2	27.6	74
4000.000000	38.1	200.0	V	174.0	39.2	-1.1	35.9	74
5000.000000	44.1	200.0	H	109.0	42.5	1.6	29.9	74
5503.750000	43.7	200.0	H	207.0	40.6	3.1	30.3	74
5999.375000	45.0	200.0	V	0.0	40.1	4.9	29.0	74
7000.625000	47.0	200.0	V	229.0	40.4	6.6	27.0	74

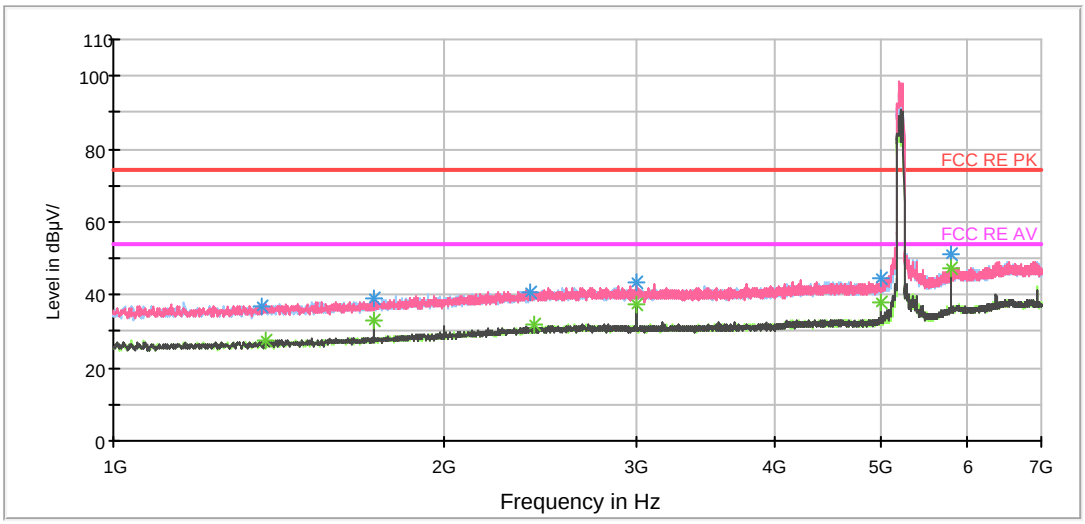
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	43.5	200.0	V	133.0	46.7	-3.2	10.5	54
4000.000000	28.8	200.0	V	174.0	29.9	-1.1	25.2	54
5000.000000	38.3	200.0	H	109.0	36.7	1.6	15.7	54
5503.750000	31.0	200.0	H	207.0	27.9	3.1	23.0	54
6000.000000	33.3	200.0	V	154.0	28.4	4.9	20.7	54
7000.000000	40.5	200.0	V	239.0	33.9	6.6	13.5	54

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

802.11ac (HT80) CH42

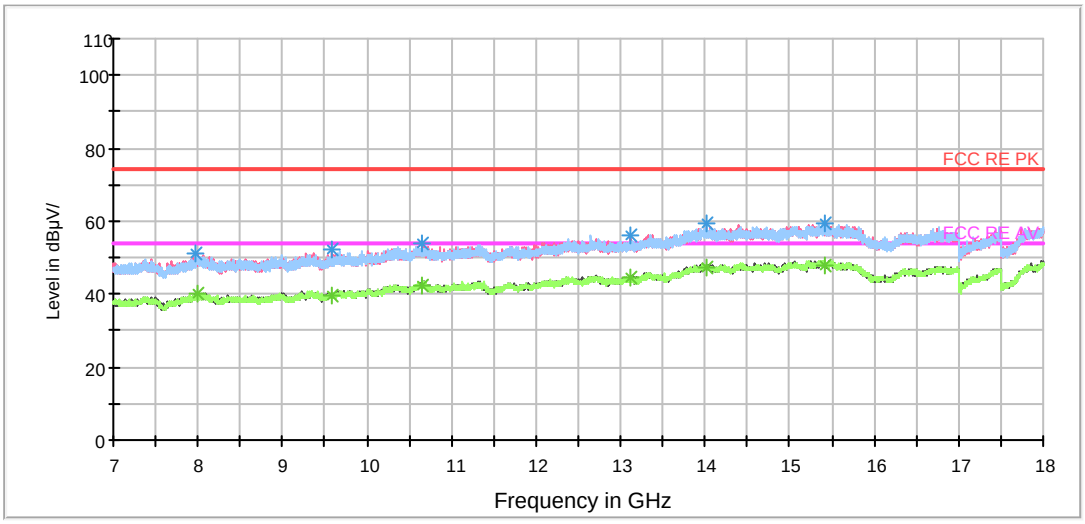
FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 1GHz to 7GHz

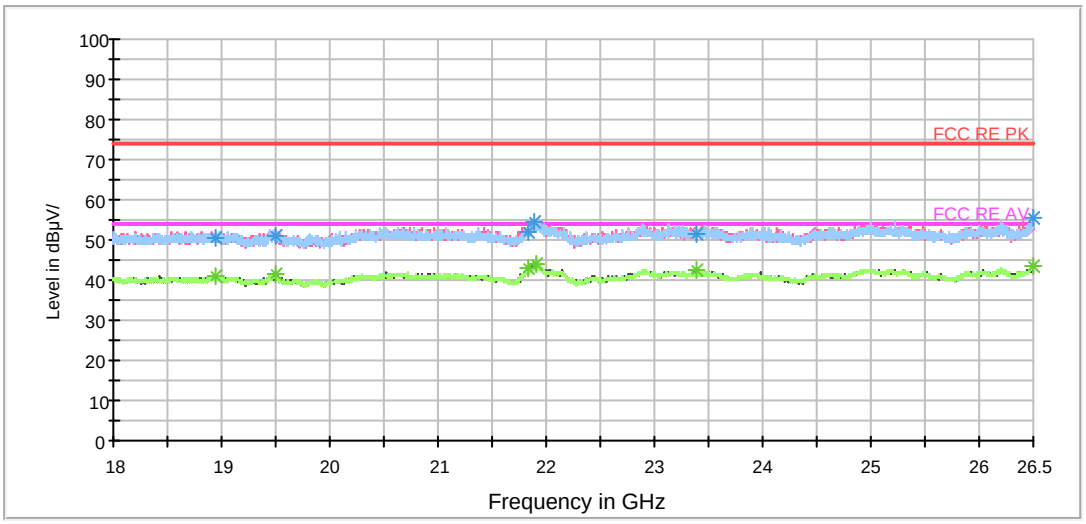
Note: The signal beyond the limit is carrier.

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



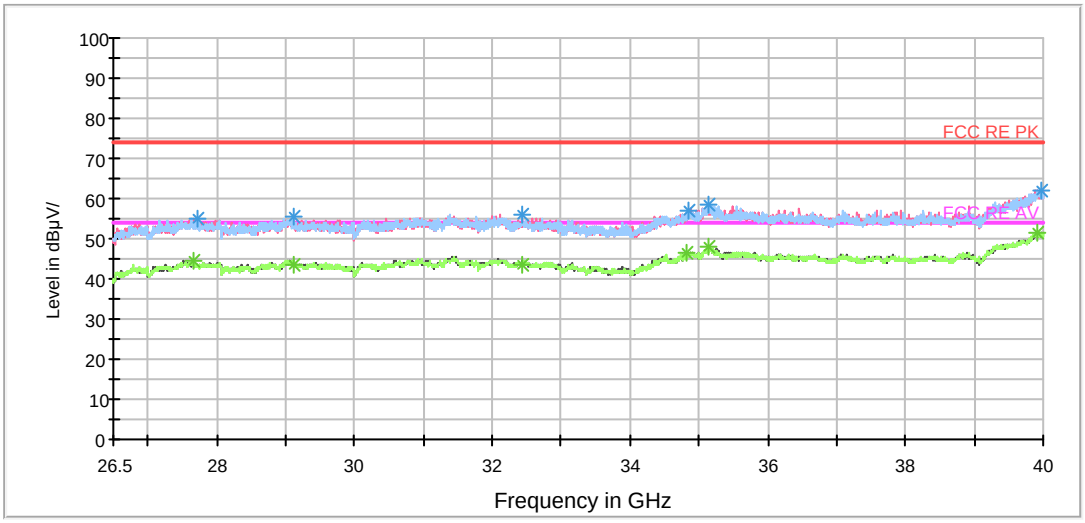
Radiates Emission from 7GHz to 18GHz

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

RE 26.5-40GHz PK+AV Class B



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
1363.750000	37.1	100.0	V	138.0	44.3	-7.2	36.9	74
1724.500000	39.1	100.0	V	2.0	44.2	-5.1	34.9	74
2395.750000	40.7	100.0	H	0.0	42.0	-1.3	33.3	74
2999.500000	43.3	100.0	V	98.0	43.8	-0.5	30.7	74
4999.750000	44.4	100.0	V	128.0	42.8	1.6	29.6	74
5788.750000	51.4	100.0	H	256.0	46.2	5.2	22.6	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)
1377.250000	27.6	100.0	H	0.0	34.7	-7.1	26.4	54
1724.500000	33.0	100.0	V	2.0	38.1	-5.1	21.0	54
2416.750000	31.7	100.0	V	226.0	32.9	-1.2	22.3	54
2999.500000	37.4	100.0	V	98.0	37.9	-0.5	16.6	54
4999.750000	38.1	100.0	V	128.0	36.5	1.6	15.9	54
5788.750000	47.4	100.0	H	256.0	42.2	5.2	6.6	54

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

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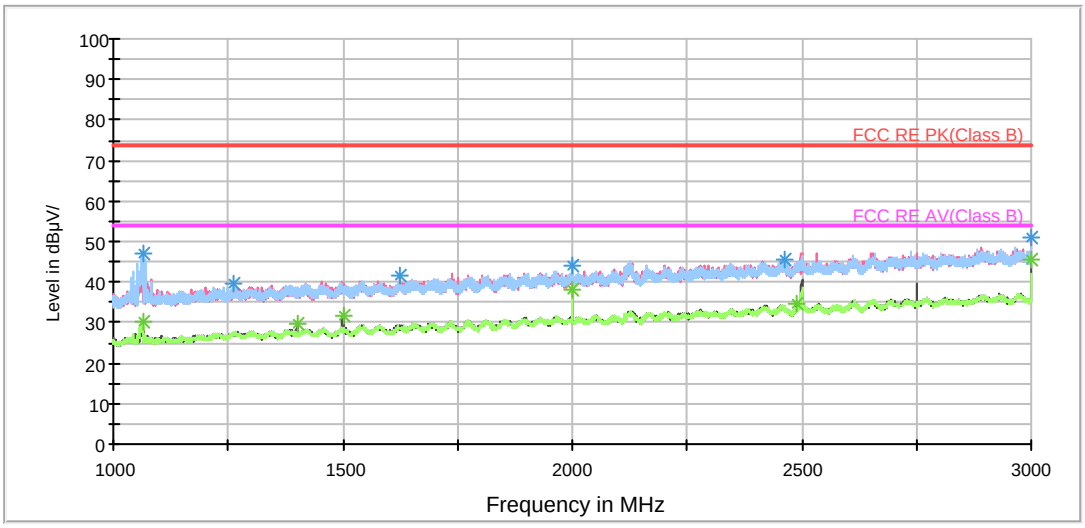
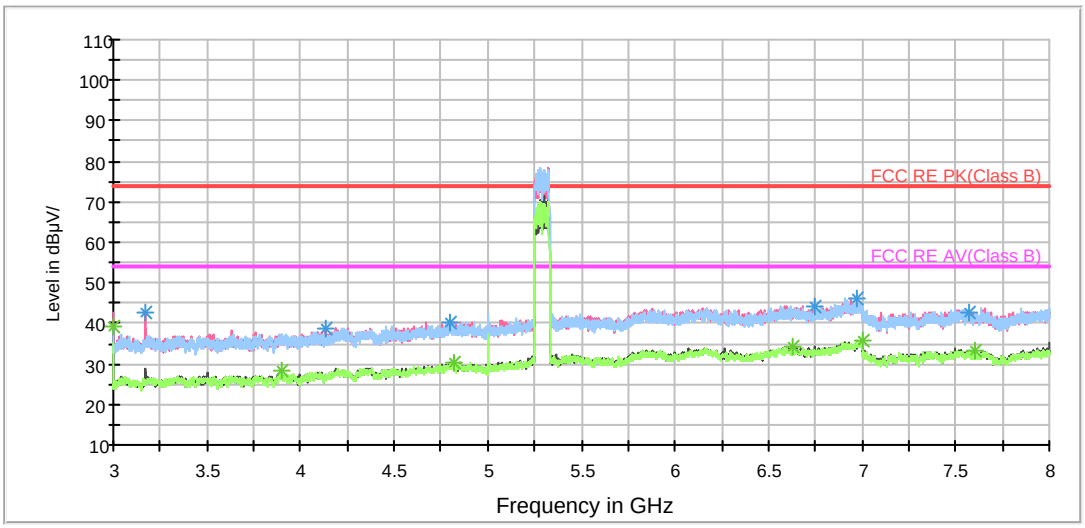
RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

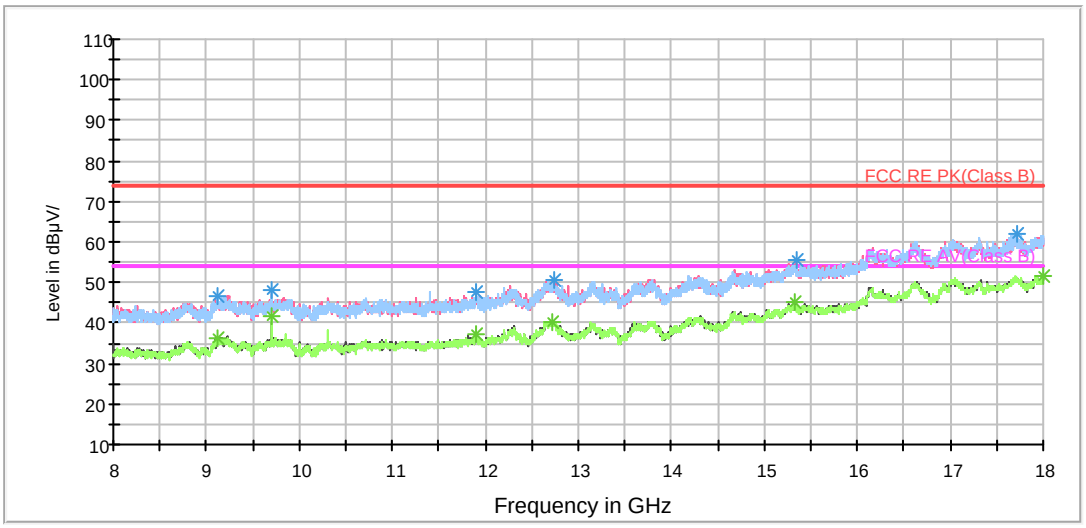
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

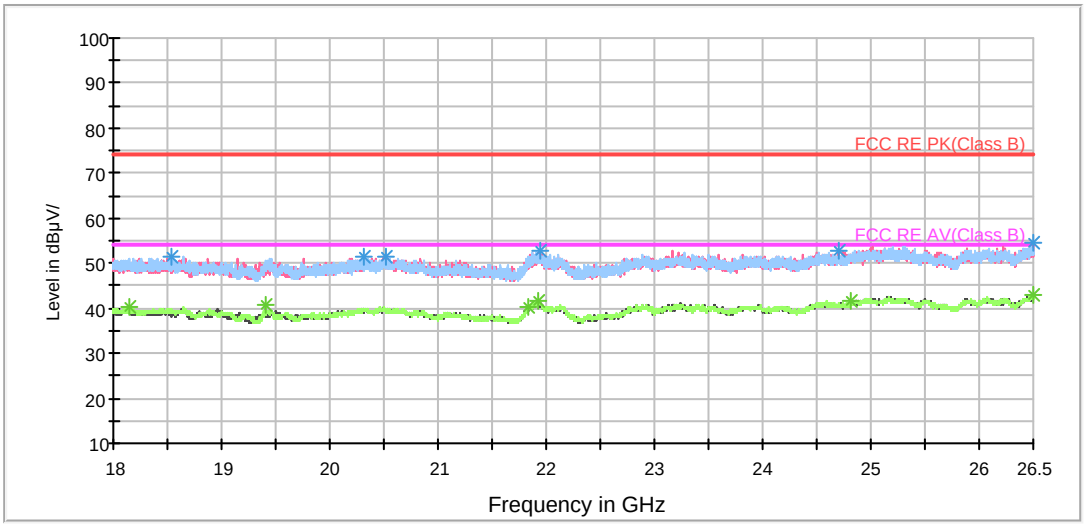
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



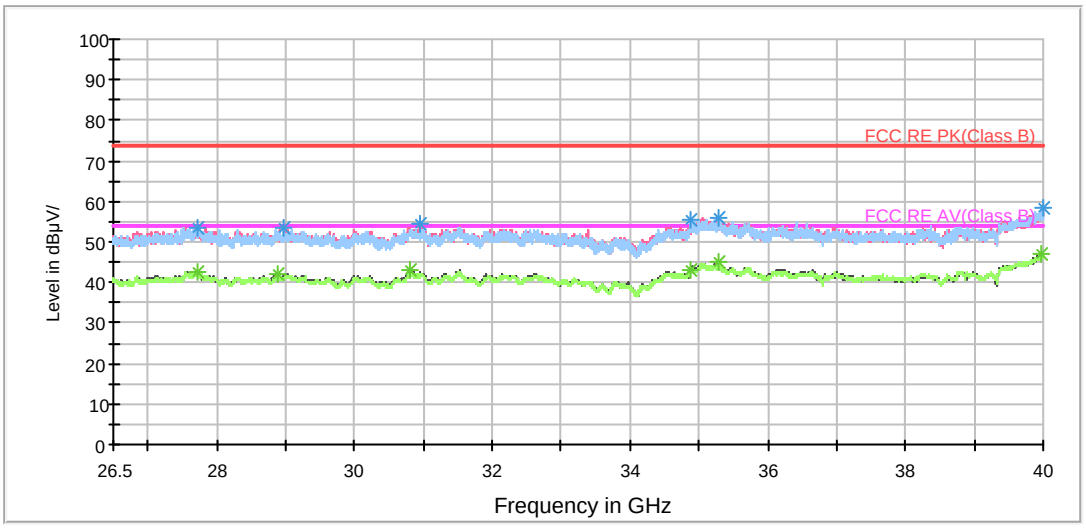
Radiates Emission from 8GHz to 18GHz

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

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3175.000000	42.7	200.0	V	345.0	45.6	-2.9	31.3	74
4130.000000	38.6	200.0	V	109.0	39.0	-0.4	35.4	74
4803.125000	40.3	200.0	H	14.0	39.0	1.3	33.7	74
6748.125000	44.3	200.0	H	338.0	38.8	5.5	29.7	74
6973.750000	46.1	200.0	V	355.0	39.8	6.3	27.9	74
7573.750000	42.7	200.0	H	35.0	35.6	7.1	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)
3000.000000	39.0	200.0	V	188.0	42.2	-3.2	15.0	54
3895.000000	28.3	200.0	H	243.0	29.6	-1.3	25.7	54
4820.625000	30.3	200.0	V	0.0	29.0	1.3	23.7	54
6626.250000	34.4	200.0	V	355.0	28.9	5.5	19.6	54
7000.000000	35.5	200.0	V	0.0	28.9	6.6	18.5	54
7600.000000	33.0	200.0	V	297.0	26.0	7.0	21.0	54

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

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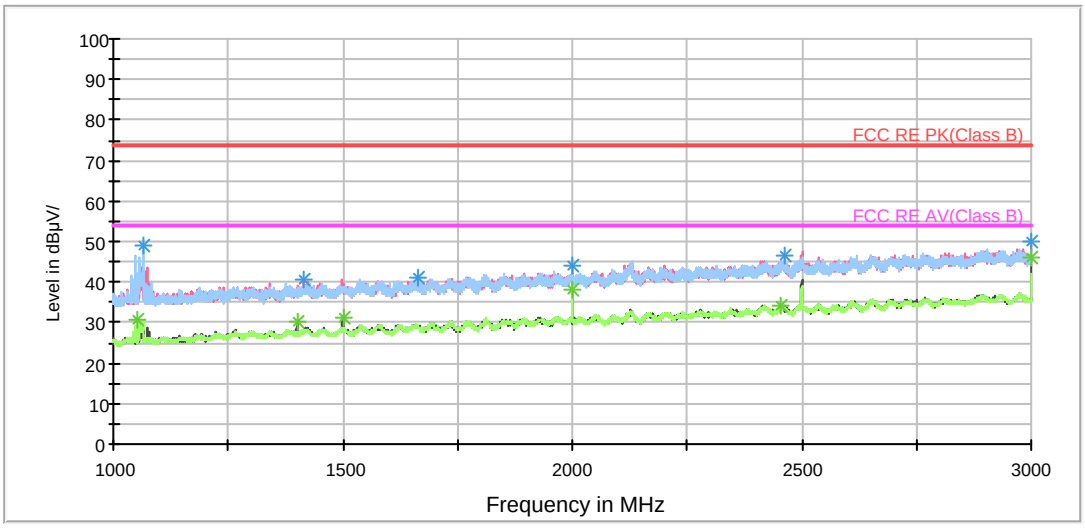
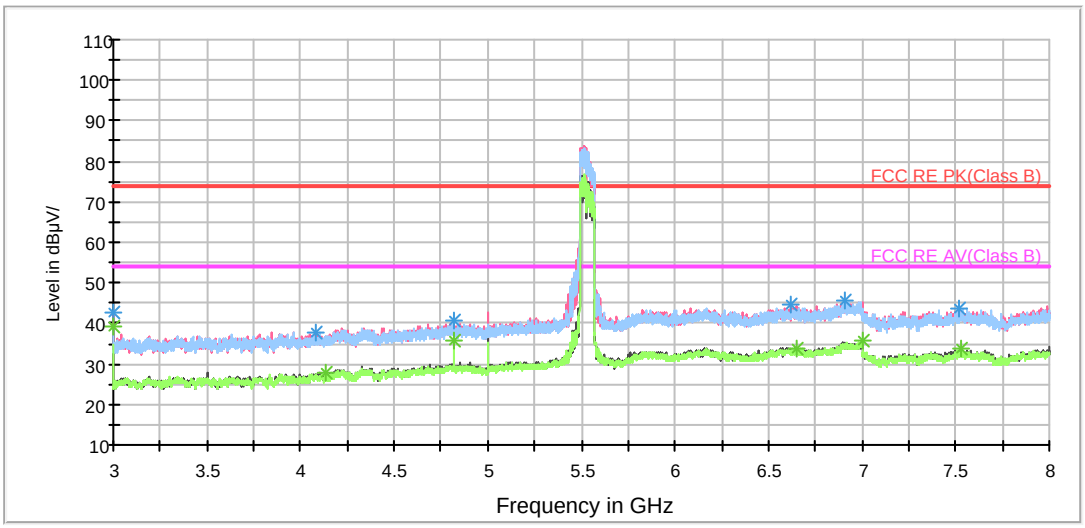
RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

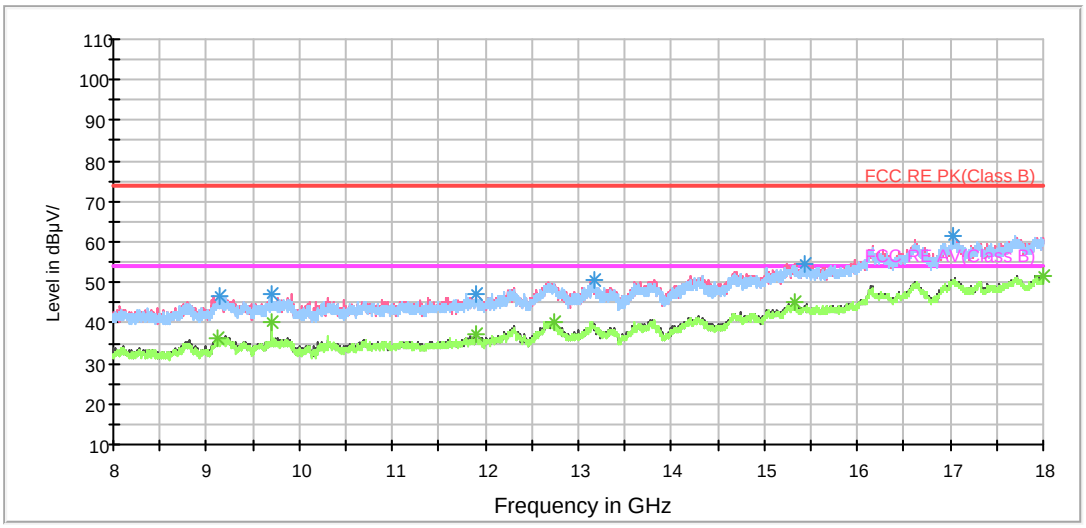
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

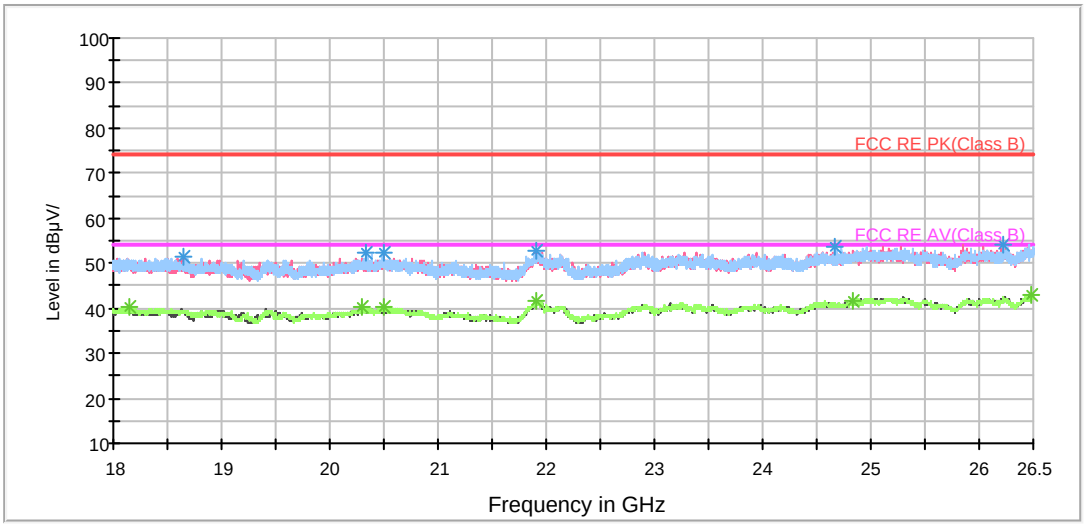
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



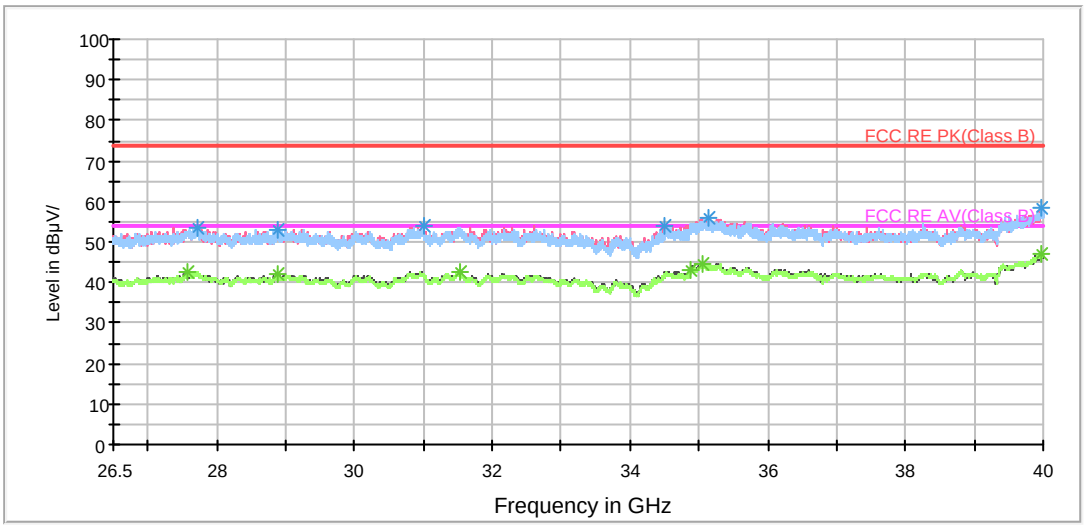
Radiates Emission from 8GHz to 18GHz

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

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	42.7	200.0	V	196.0	45.9	-3.2	31.3	74
4078.750000	37.9	200.0	V	284.0	38.8	-0.9	36.1	74
4824.375000	40.8	200.0	H	253.0	39.4	1.4	33.2	74
6619.375000	44.6	200.0	V	186.0	39.1	5.5	29.4	74
6904.375000	45.5	200.0	H	315.0	39.2	6.3	28.5	74
7521.875000	43.8	200.0	V	196.0	36.7	7.1	30.2	74

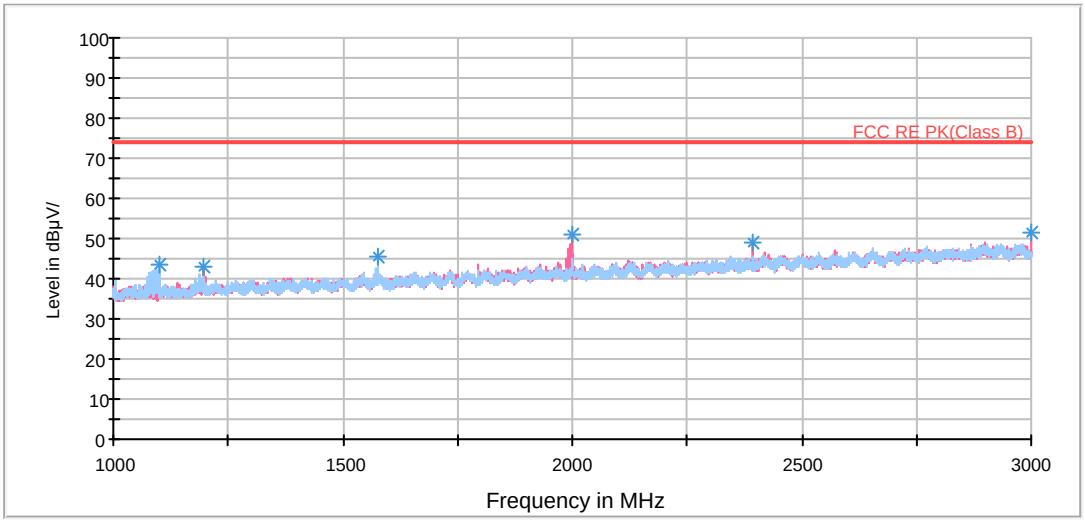
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	39.0	200.0	V	196.0	42.2	-3.2	15.0	54
4133.750000	27.7	200.0	H	0.0	28.0	-0.3	26.3	54
4823.750000	35.7	200.0	H	253.0	34.3	1.4	18.3	54
6647.500000	33.9	200.0	H	6.0	28.4	5.5	20.1	54
7000.000000	35.5	200.0	V	166.0	28.9	6.6	18.5	54
7525.625000	33.6	200.0	H	134.0	26.5	7.1	20.4	54

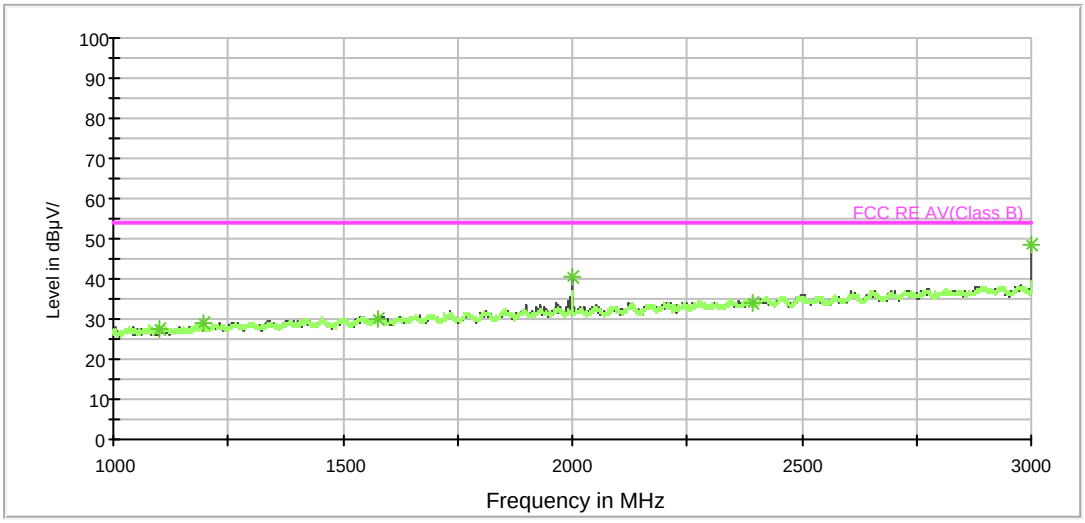
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

802.11ac (HT80) CH155

RE 1G-3GHz PK+AV

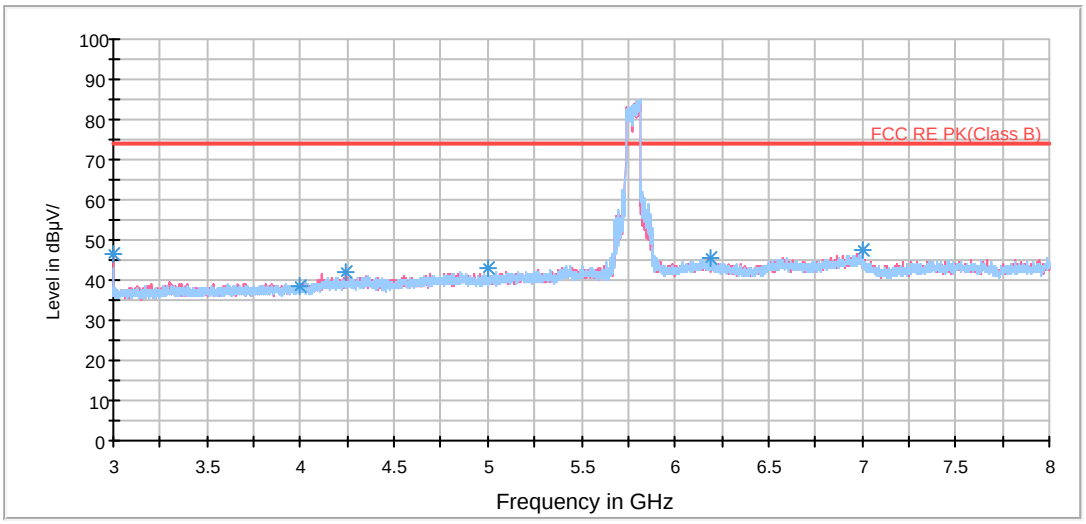


RE 1G-3GHz PK+AV

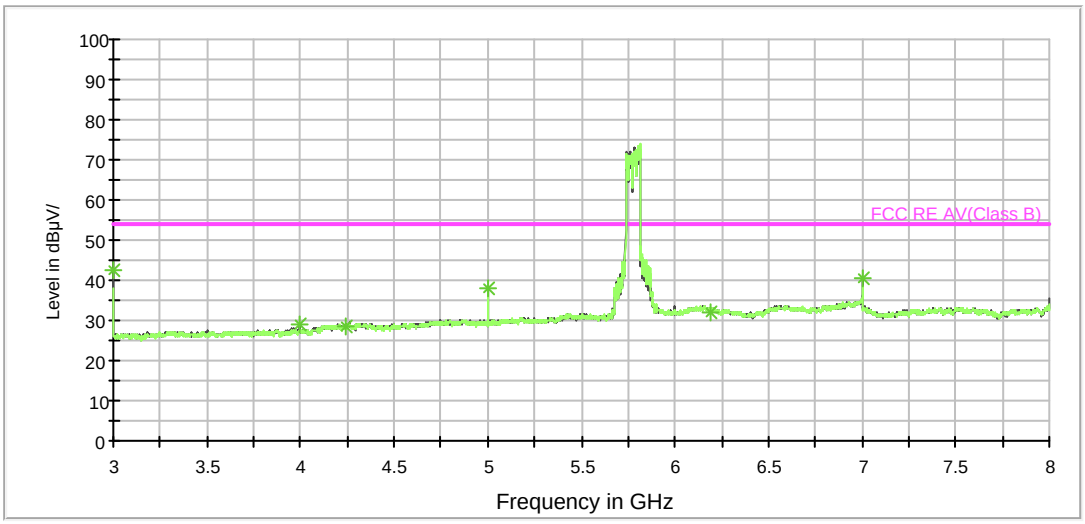


Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



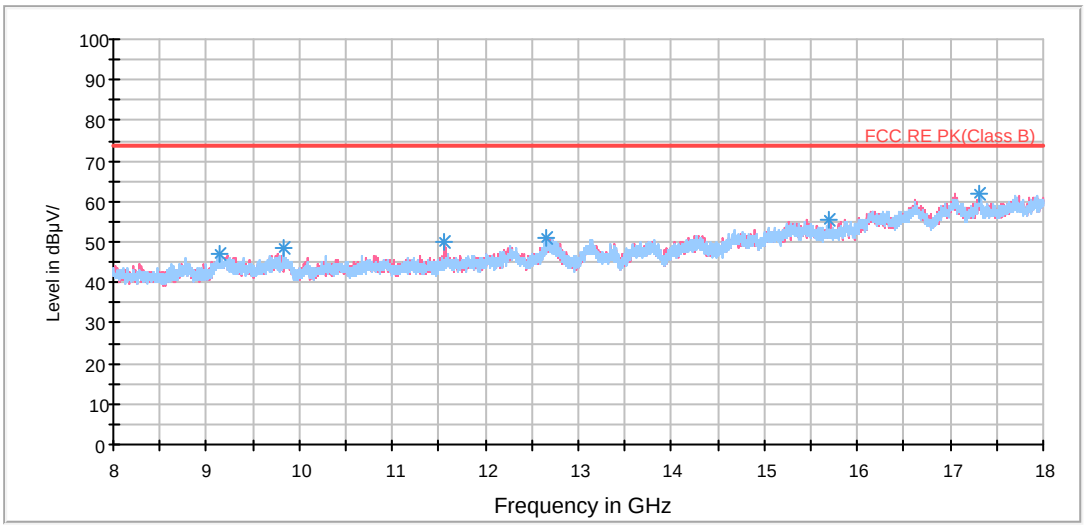
RE 3-18GHz PK+AV



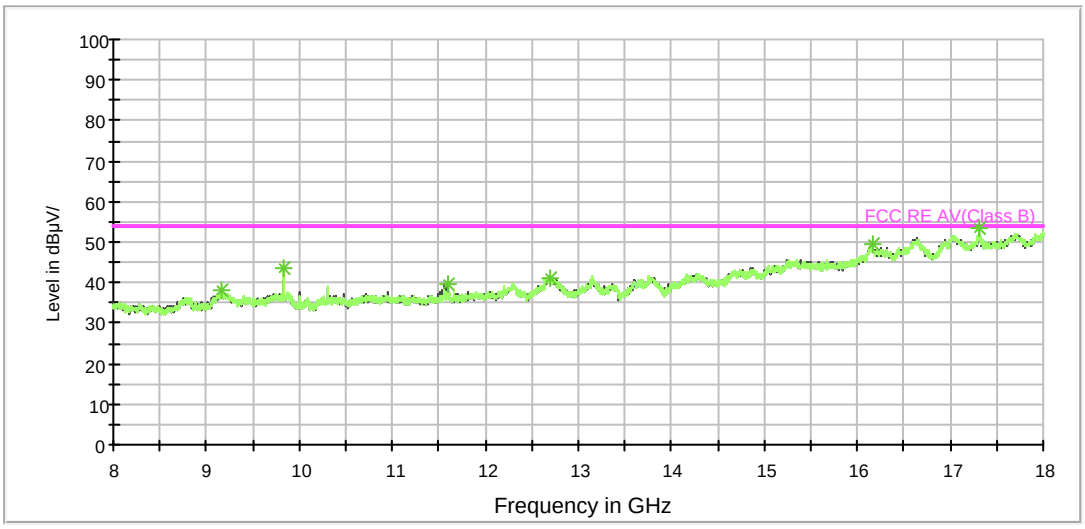
Radiates Emission from 3GHz to 8GHz

Note: The signal beyond the limit is carrier.

RE 3-18GHz PK+AV

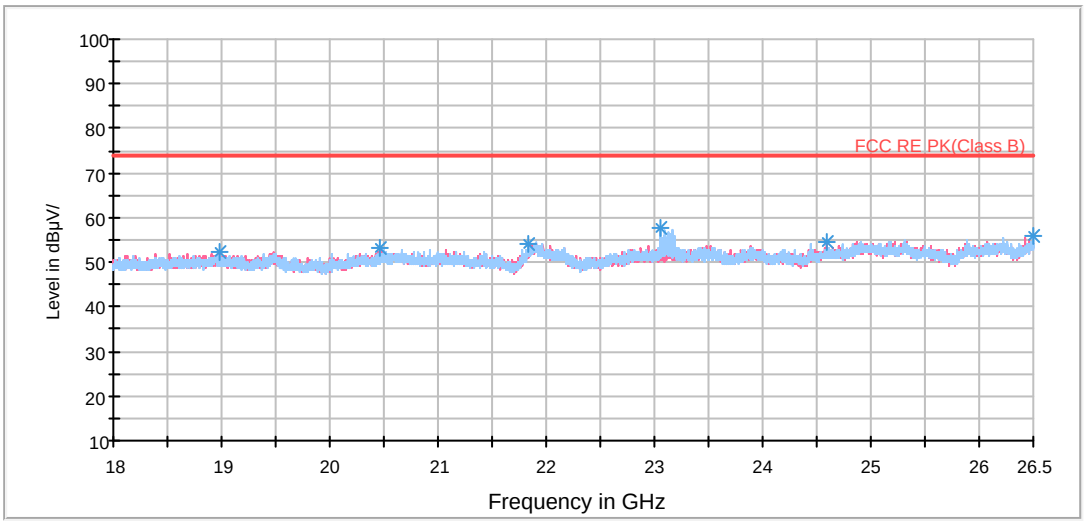


RE 3-18GHz PK+AV

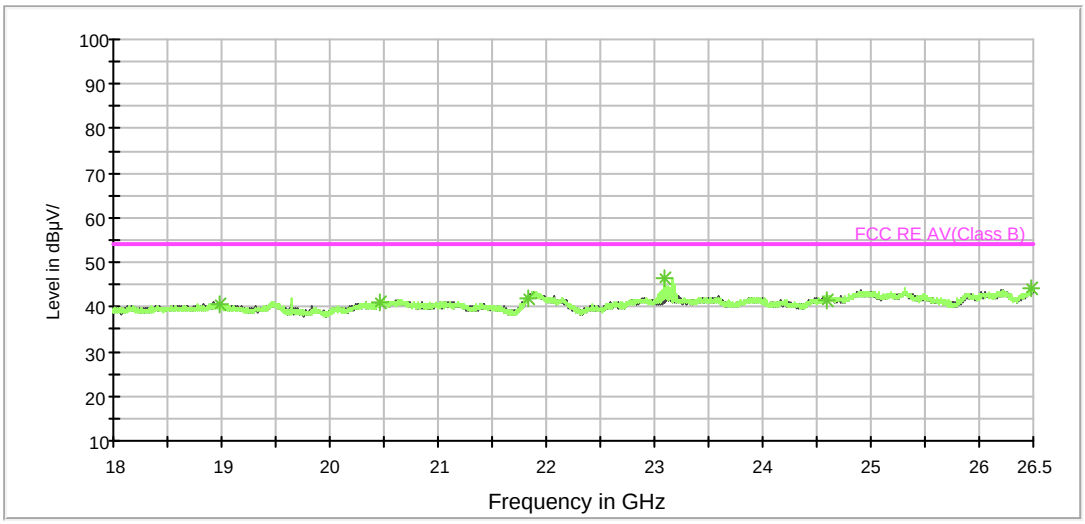


Radiates Emission from 8GHz to18GHz

BELL_RE 18-26.5GHz PK+AV

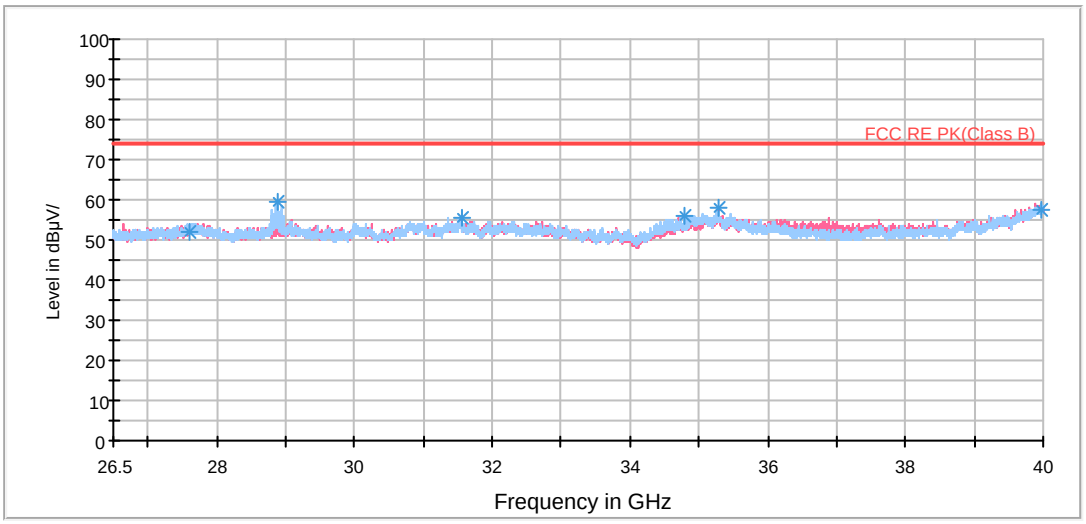


BELL_RE 18-26.5GHz PK+AV

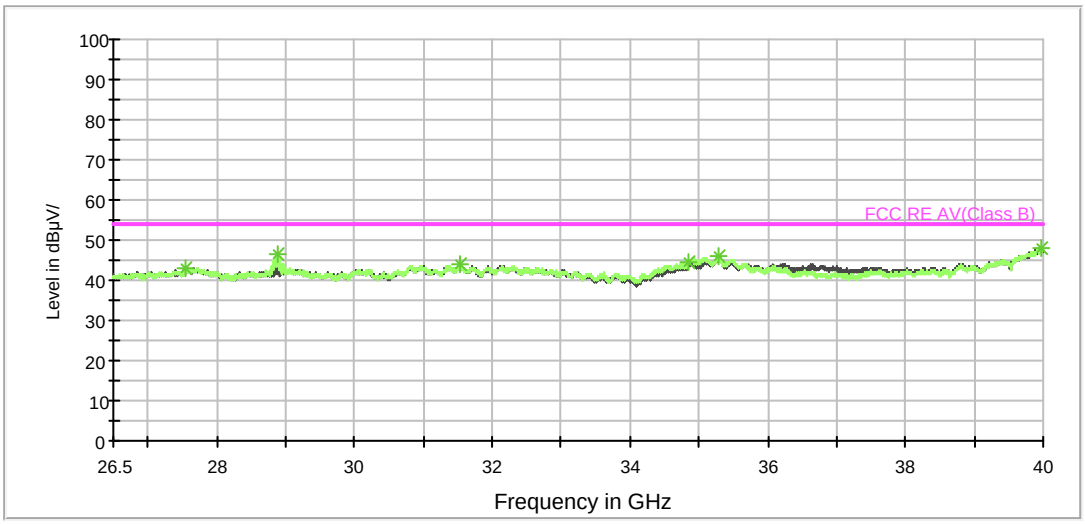


Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	46.3	200.0	V	169.0	49.5	-3.2	27.7	74
4000.000000	38.4	200.0	V	169.0	39.5	-1.1	35.6	74
4239.375000	41.8	200.0	V	178.0	41.3	0.5	32.2	74
5000.000000	43.1	200.0	V	228.0	41.5	1.6	30.9	74
6194.375000	45.5	200.0	H	0.0	40.1	5.4	28.5	74
7000.625000	47.4	200.0	V	228.0	40.8	6.6	26.6	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)
3000.000000	42.3	200.0	V	169.0	45.5	-3.2	11.7	54
4000.000000	29.0	200.0	V	169.0	30.1	-1.1	25.0	54
4239.375000	28.3	200.0	V	178.0	27.8	0.5	25.7	54
5000.000000	38.1	200.0	H	107.0	36.5	1.6	15.9	54
6194.375000	32.2	200.0	H	0.0	26.8	5.4	21.8	54
7000.000000	40.6	200.0	V	228.0	34.0	6.6	13.4	54

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

5.6. Conducted Emission

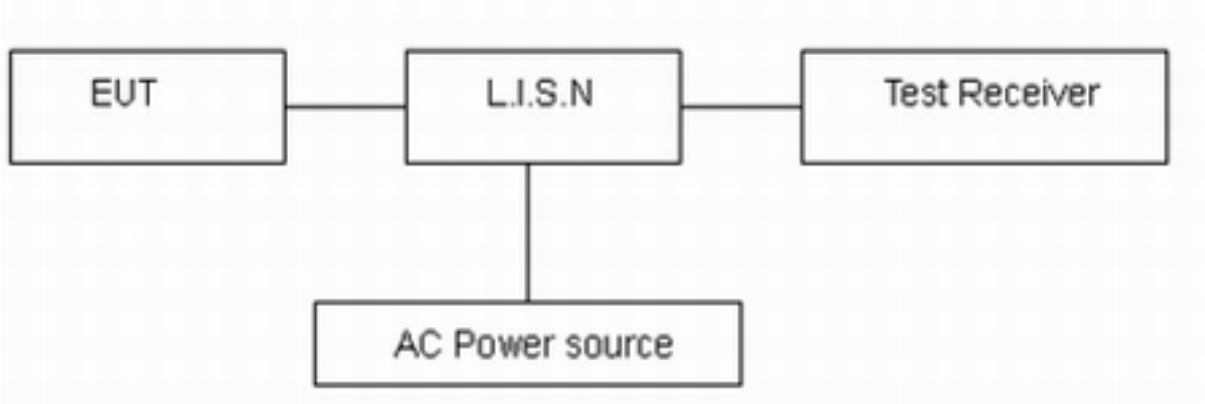
Ambient condition

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

Methods of Measurement

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

Test Setup



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

Limits

Frequency (MHz)	Conducted Limits(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.		

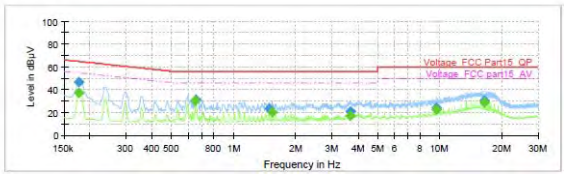
Measurement Uncertainty

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.

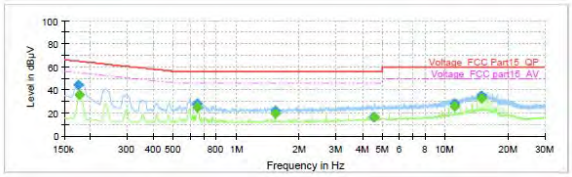
L Line



Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.177000	---	37.43	54.63	17.20	1000.0	9.000	L1	ON	19.2
0.177000	46.86	---	64.63	17.76	1000.0	9.000	L1	ON	19.2
0.651750	---	29.91	46.00	16.09	1000.0	9.000	L1	ON	19.3
0.658500	31.25	---	56.00	24.75	1000.0	9.000	L1	ON	19.3
1.488750	22.88	---	56.00	33.12	1000.0	9.000	L1	ON	19.2
1.536000	---	20.01	46.00	25.99	1000.0	9.000	L1	ON	19.2
3.669000	21.02	---	56.00	34.98	1000.0	9.000	L1	ON	19.1
3.675750	---	16.79	46.00	29.21	1000.0	9.000	L1	ON	19.1
9.600000	---	22.63	50.00	27.37	1000.0	9.000	L1	ON	19.3
9.633750	23.69	---	60.00	36.31	1000.0	9.000	L1	ON	19.4
16.498500	30.20	---	60.00	29.80	1000.0	9.000	L1	ON	19.5
16.512000	---	28.84	50.00	21.16	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)
0.174750	43.86	---	64.73	20.87	1000.0	9.000	N	ON	19.2
0.177000	---	35.79	54.63	18.83	1000.0	9.000	N	ON	19.2
0.647250	28.08	---	56.00	27.92	1000.0	9.000	N	ON	19.3
0.651750	---	24.75	46.00	21.25	1000.0	9.000	N	ON	19.3
1.536000	---	19.56	46.00	26.44	1000.0	9.000	N	ON	19.2
1.536000	21.60	---	56.00	34.40	1000.0	9.000	N	ON	19.2
4.555500	16.05	---	56.00	39.95	1000.0	9.000	N	ON	19.1
4.607250	---	16.52	46.00	29.48	1000.0	9.000	N	ON	19.1
11.134500	27.77	---	60.00	32.23	1000.0	9.000	N	ON	19.4
11.136750	---	25.67	50.00	24.33	1000.0	9.000	N	ON	19.4
14.975250	---	32.41	50.00	17.59	1000.0	9.000	N	ON	19.5
14.975250	34.82	---	60.00	25.18	1000.0	9.000	N	ON	19.5

6. Main Test Instruments

Name	Manufacturer	Type	Serial Number	Calibration Date	Expiration Date
Spectrum Analyzer	R&S	FSV40	15195-01-00	2016-05-15	2017-05-14
Spectrum Analyzer	R&S	FSV40	15195-01-00	2017-05-14	2018-05-13
EMI Test Receiver	R&S	ESCI	100948	2016-05-21	2017-05-20
EMI Test Receiver	R&S	ESCI	100948	2017-05-20	2018-05-19
Loop Antenna	SCHWARZBECK	FMZB1519	1519-047	2014-02-29	2017-02-28
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
TRILOG Broadband Antenna	Schwarzbeck	VULB 9163	9163-201	2017-11-18	2020-11-17
Double Ridged Waveguide Horn Antenna	R&S	HF907	100126	2014-12-06	2019-12-05
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	2016-05-21	2017-05-20
Spectrum Analyzer	Agilent	N9010A	MY47191109	2017-05-20	2018-05-19
RF Cable	Agilent	SMA 15cm	0001	2016-08-06	2017-02-05
RF Cable	Agilent	SMA 15cm	0001	2017-02-05	2017-08-04
RF Cable	Agilent	SMA 15cm	0001	2017-08-04	2018-02-03
TEMPERATURE CHAMBER	ESPEC	SU-242	93000506	2015-12-28	2016-12-27
TEMPERATURE CHAMBER	ESPEC	SU-242	93000506	2016-12-27	2017-12-26
AV Power Meter	R&S	NRP	102437	2016-12-18	2017-12-17
AV Power Meter	R&S	NRP	102437	2017-12-17	2018-12-16
Power Probe	R&S	NRP-Z21	104799	2016-05-21	2017-05-20
Power Probe	R&S	NRP-Z21	104799	2017-05-20	2018-05-19

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

ANNEX A: EUT Appearance and Test Setup

A.1 EUT Appearance

Front Side

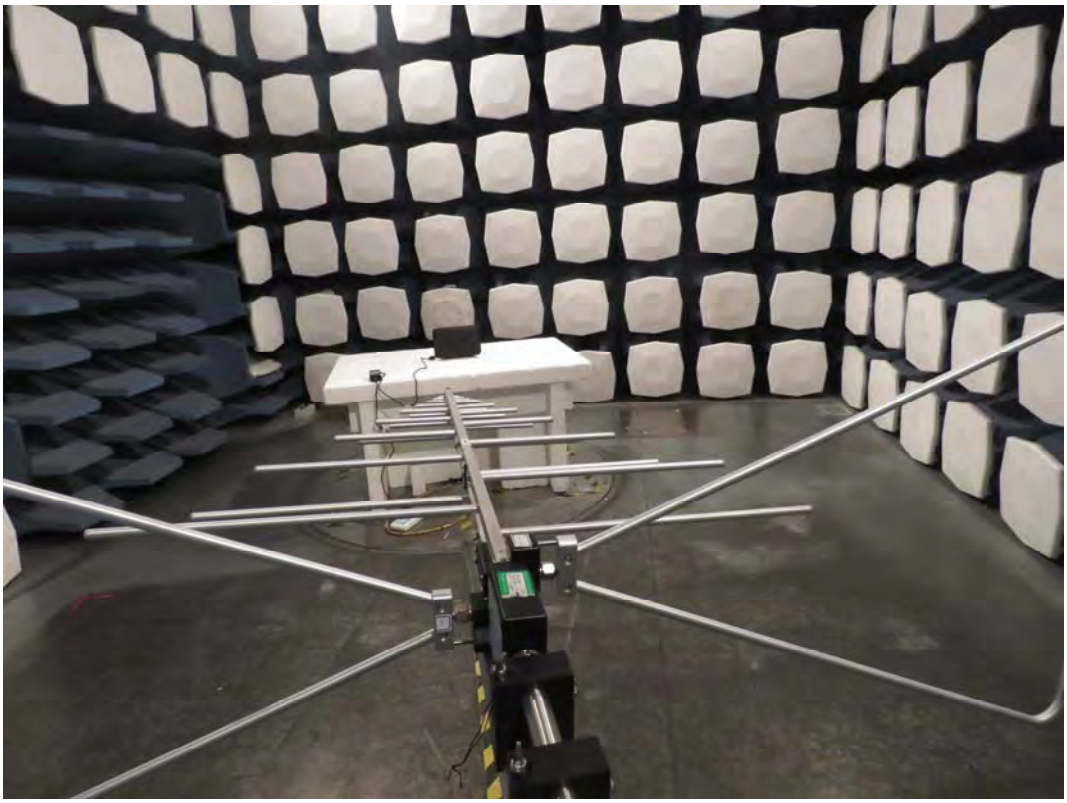
Back Side

a: EUT

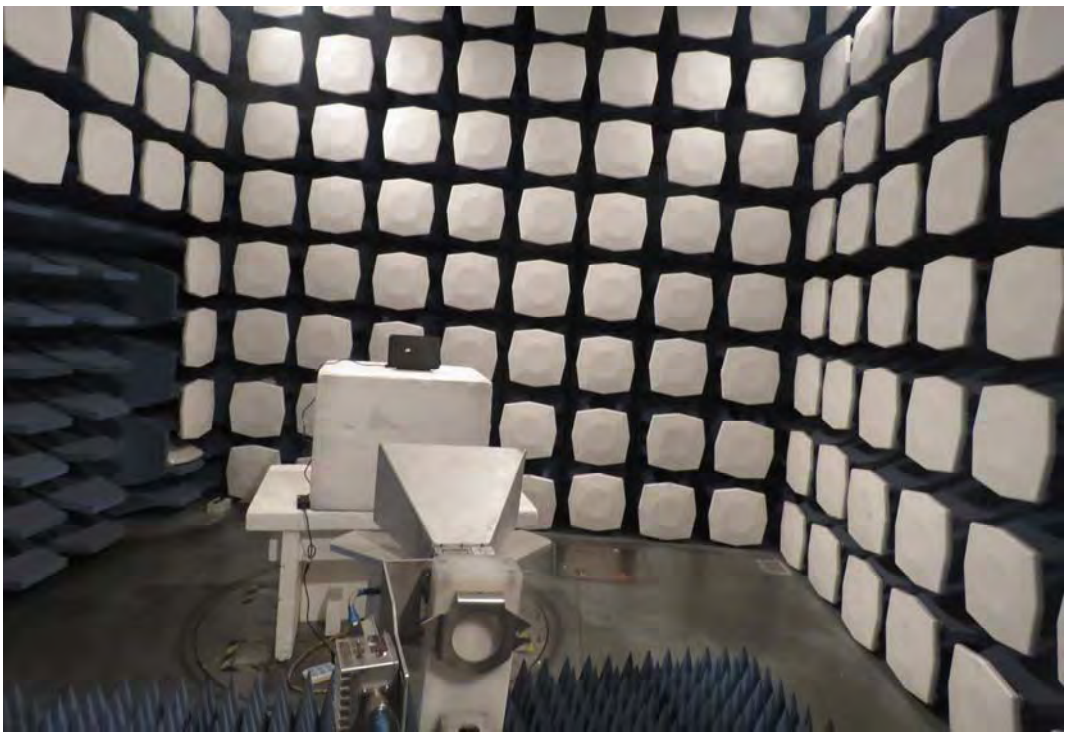
b: Adapter

Picture 1 EUT and Accessory

A.2 Test Setup

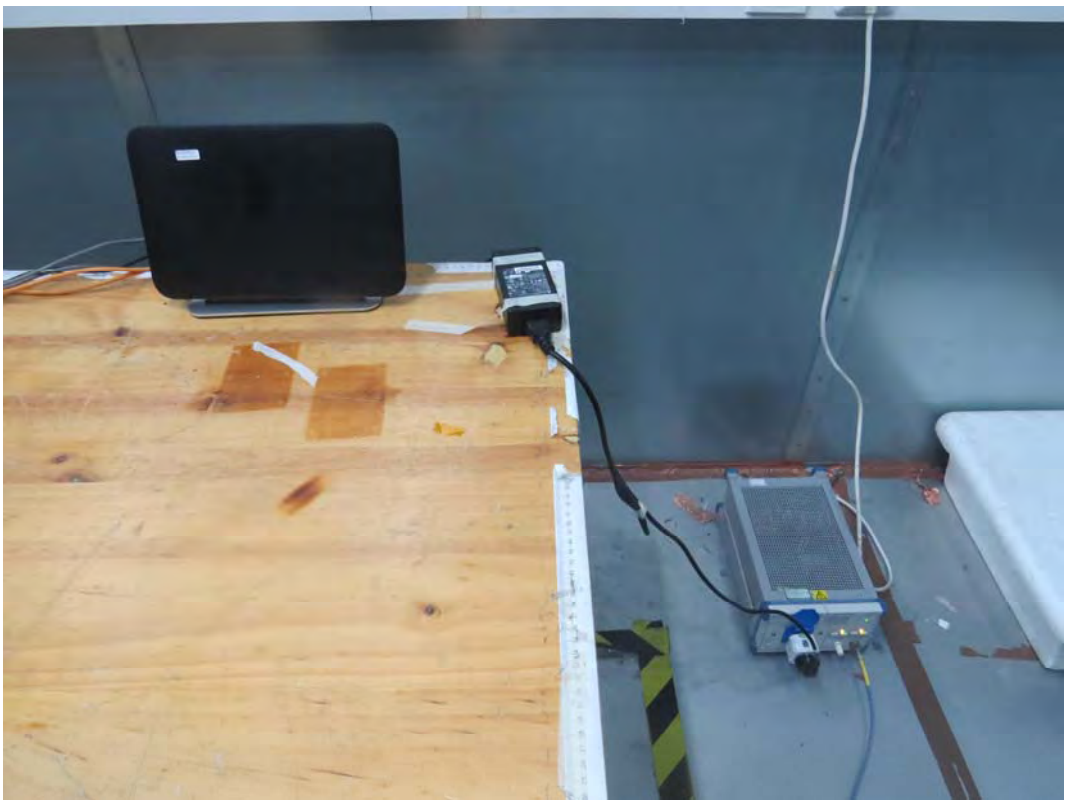


30MHz-1GHz



Above 1GHz

Picture 2 Radiated Emission Test Setup



Picture 3 Conducted Emission Test Setup

ANNEX B：Product Change Description

We, **Nokia Shanghai Bell Co. Ltd.** declare on our sole responsibility that the product, XS-250WX-A/XS-240W-A is the variant of the initial certified product, XS-250WX-A/XS-240W-A Except the following changes on the latest MODEL: XS-250WX-A/XS-240W-A

SOFTWARE MODIFICATIONS:

Protocol Stack changes: NO
MMS/STK changes: NO
JAVA changes: NO
Other changes detailed: Yes, Enabled DFS feature in software configuration.

HARDWARE MODIFICATION:

Band changes: NO
Power Amplifier changes: NO
Antenna changes: NO
PCB Layout changes: NO
Components on PCB changes: NO
LCD changes: No
Speaker changes: NO
Camera changes: NO
Vibrator changes: NO
Bluetooth changes: NO
FM changes: NO
Other changes: NO

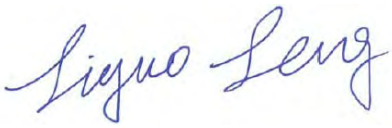
MECHANICAL MODIFICATIONS:

Use new metal front/back cover or keypad: NO
Mechanical shell changes: NO
Other changes detailed: NO

ACCESSORY MODIFICATIONS:

Battery changes: NO
AC Adaptor changes: NO

Earphone changes: NO

Signature: 

Print name: Liguo Leng

Date: April 16, 2018

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