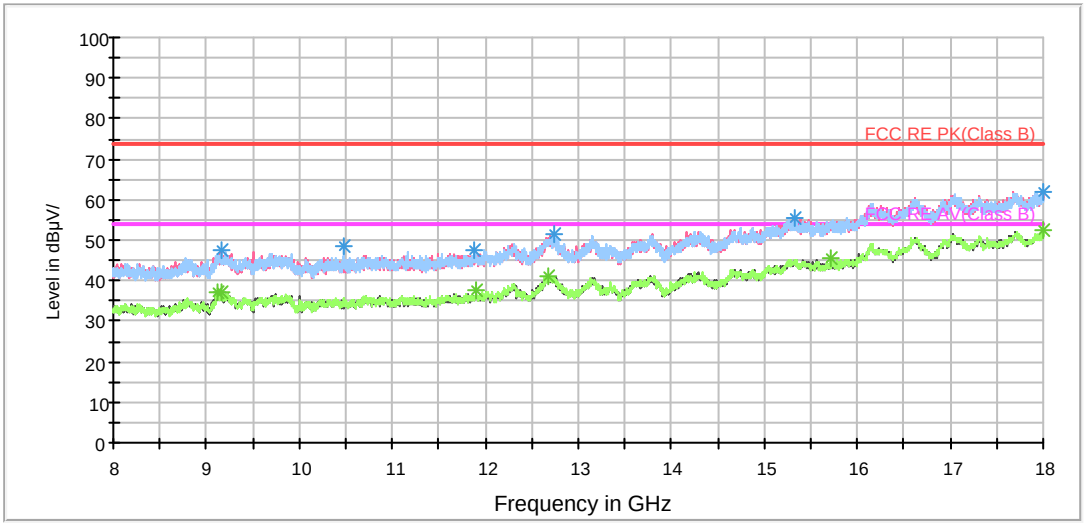
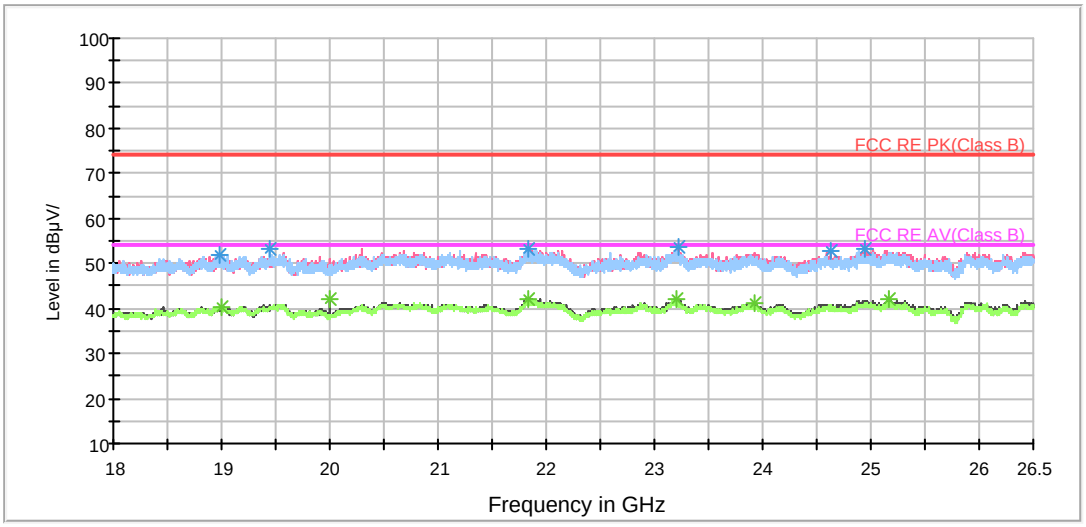
RE 3-18GHz PK+AV



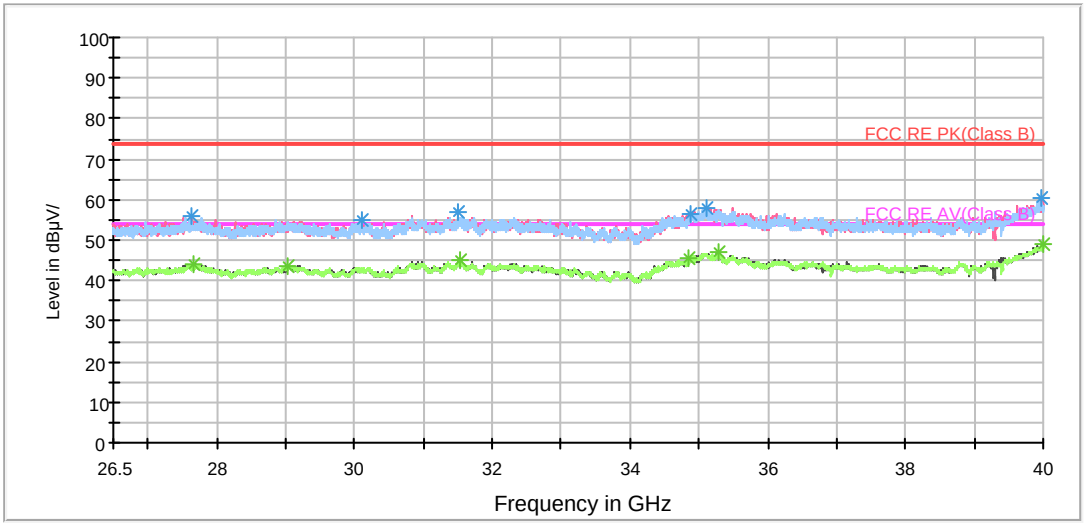
Radiates Emission from 8GHz to 18GHz

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)
3071.875000	48.0	200.0	V	0.0	41.0	7.0	26.0	74
4140.625000	48.2	200.0	V	137.0	38.5	9.7	25.8	74
4852.500000	50.9	200.0	V	0.0	39.3	11.6	23.1	74
5822.500000	55.3	200.0	V	233.0	40.8	14.5	18.7	74
6984.375000	55.4	200.0	V	249.0	39.0	16.4	18.6	74
7559.375000	54.4	200.0	V	233.0	37.4	17.0	19.6	74

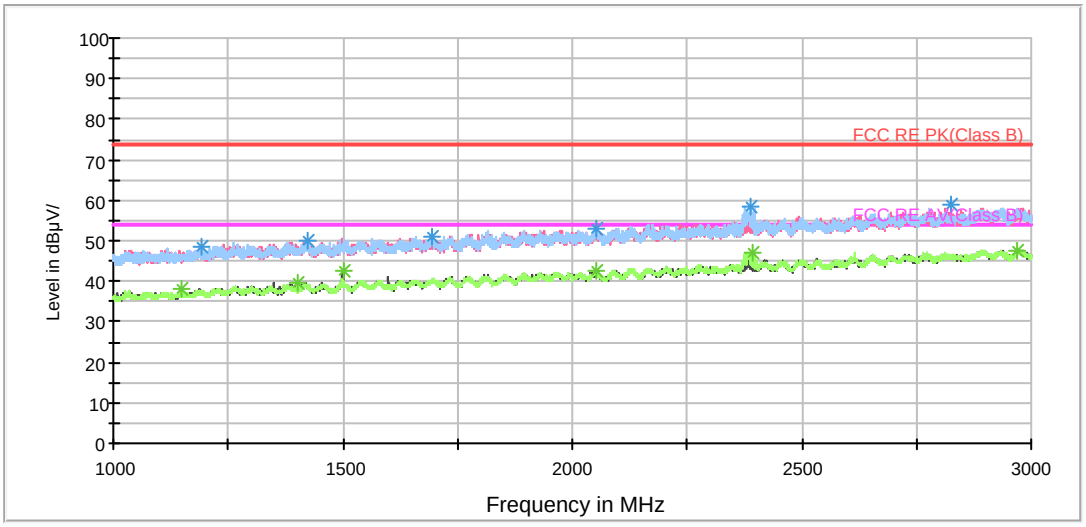
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3071.875000	36.2	200.0	V	0.0	29.2	7.0	17.8	54
4140.625000	37.3	200.0	V	137.0	27.6	9.7	16.7	54
4813.125000	40.8	200.0	V	241.0	29.5	11.3	13.2	54
5822.500000	47.2	200.0	V	233.0	32.7	14.5	6.8	54
6986.875000	46.6	200.0	V	323.0	30.2	16.4	7.4	54
7565.000000	43.6	200.0	V	145.0	26.6	17.0	10.4	54

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

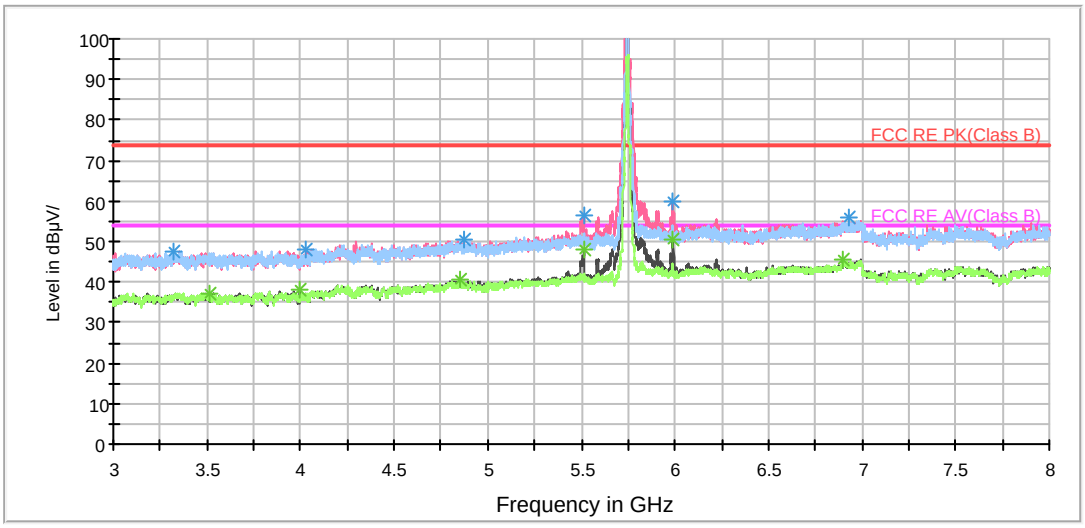
802.11a CH149

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

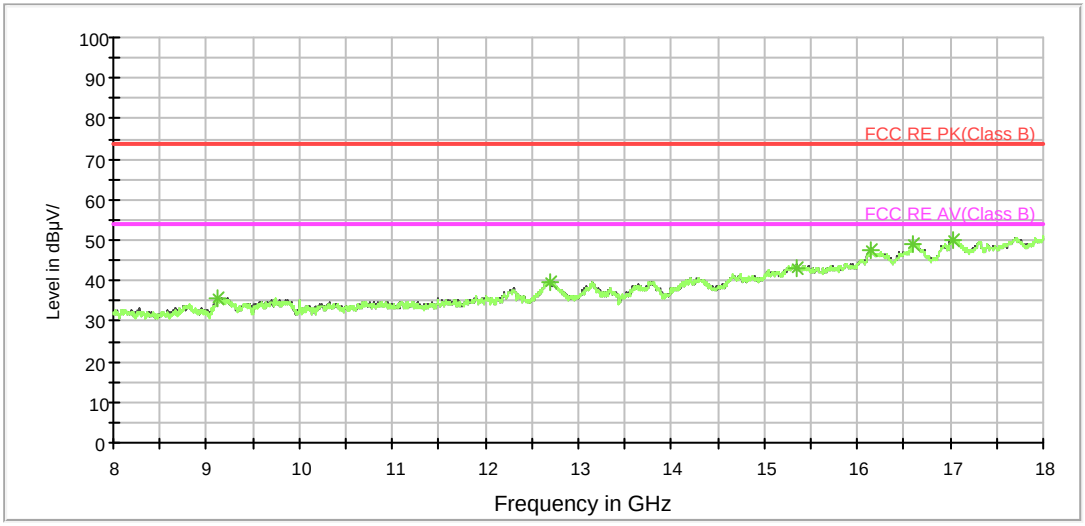
RE 3-18GHz PK+AV



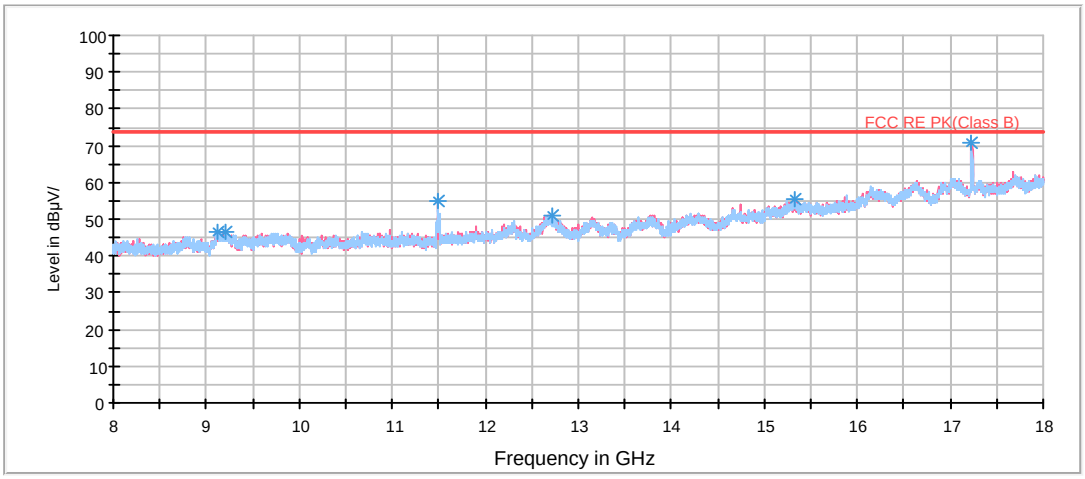
Note: The signal beyond the limit is carrier.

Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV

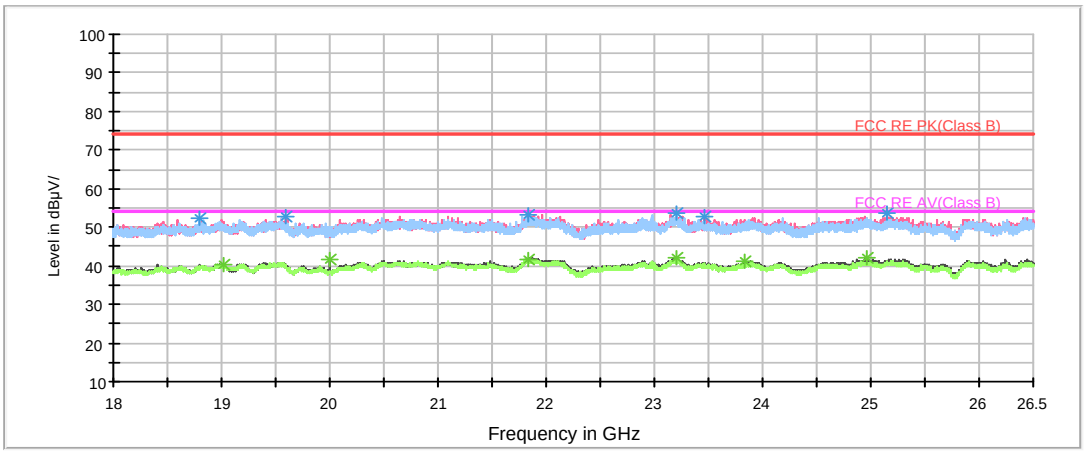


RE 3-18GHz PK+AV



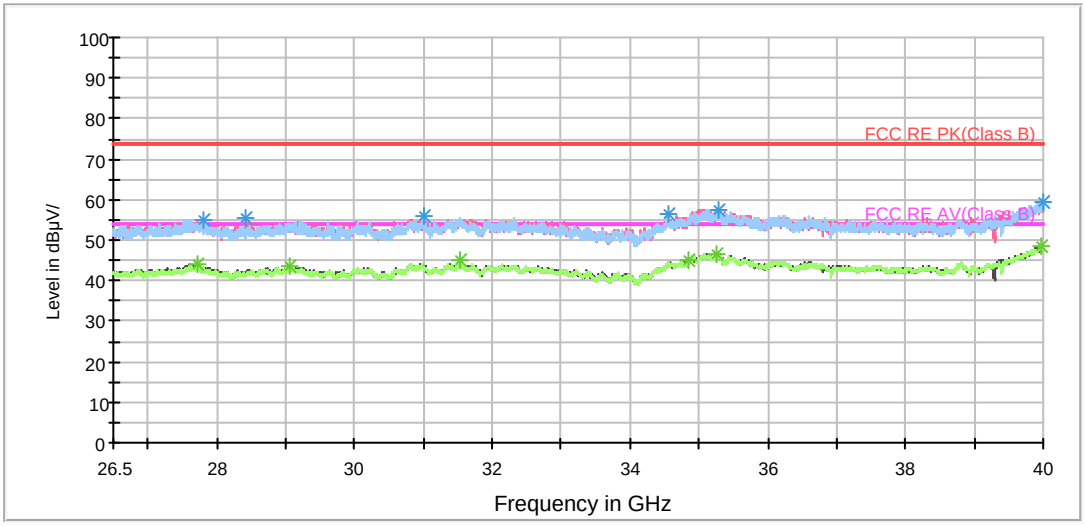
Radiates Emission from 8GHz to 18GHz

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)
3316.250000	47.6	200.0	H	161.0	39.7	7.9	26.4	74
4033.125000	48.0	200.0	V	359.0	39.1	8.9	26.0	74
4871.875000	50.5	200.0	V	219.0	38.7	11.8	23.5	74
5513.125000	56.6	200.0	V	219.0	43.5	13.1	17.4	74
5991.250000	60.0	200.0	V	54.0	45.2	14.8	14.0	74
6925.000000	55.7	200.0	H	145.0	39.5	16.2	18.3	74

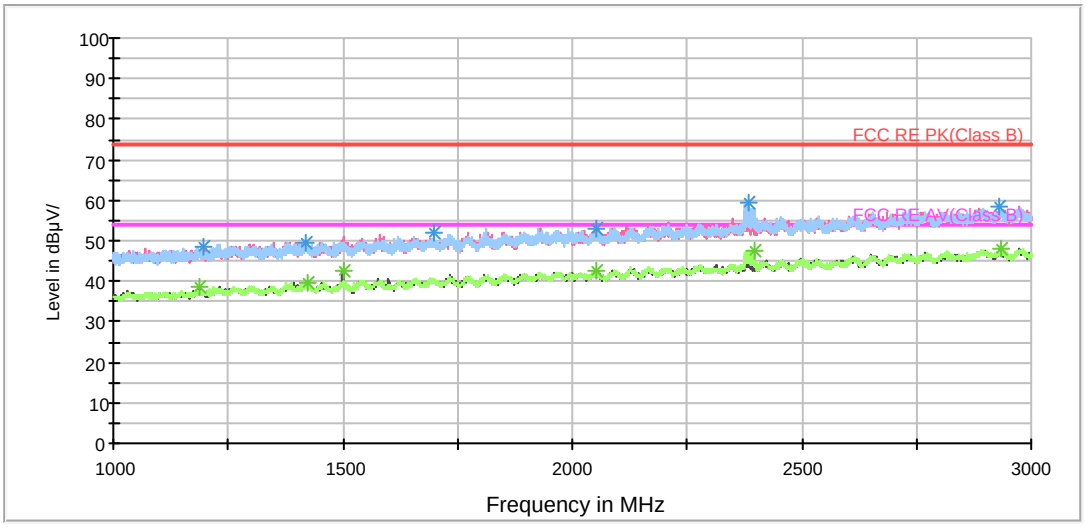
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3511.250000	37.3	200.0	H	145.0	29.3	8.0	16.7	54
4000.000000	38.0	200.0	V	335.0	29.1	8.9	16.0	54
4856.875000	40.4	200.0	V	219.0	28.7	11.7	13.6	54
5512.500000	48.1	200.0	V	219.0	35.0	13.1	5.9	54
5989.375000	50.4	200.0	V	243.0	35.6	14.8	3.6	54
6900.625000	45.4	200.0	V	343.0	29.1	16.3	8.6	54

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

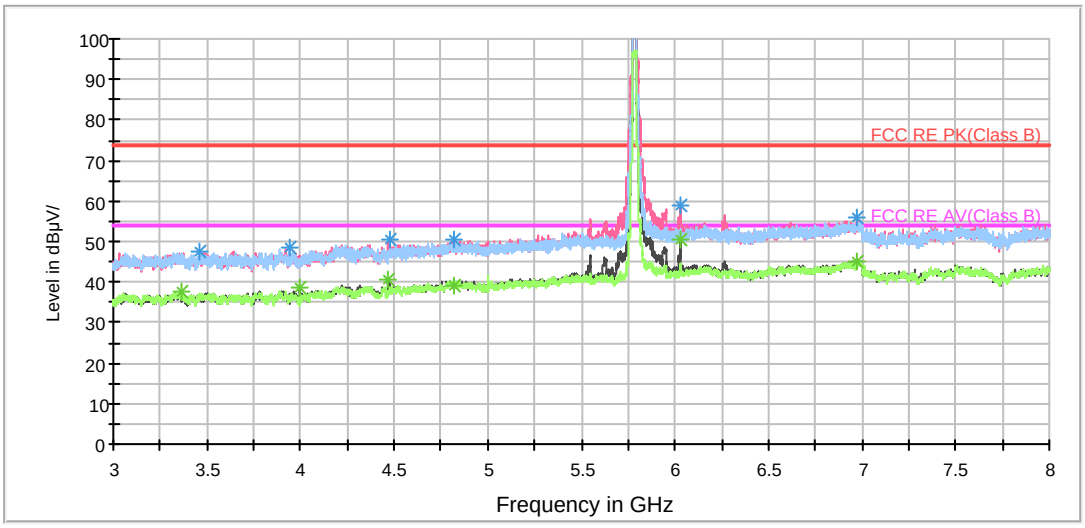
802.11a CH157

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

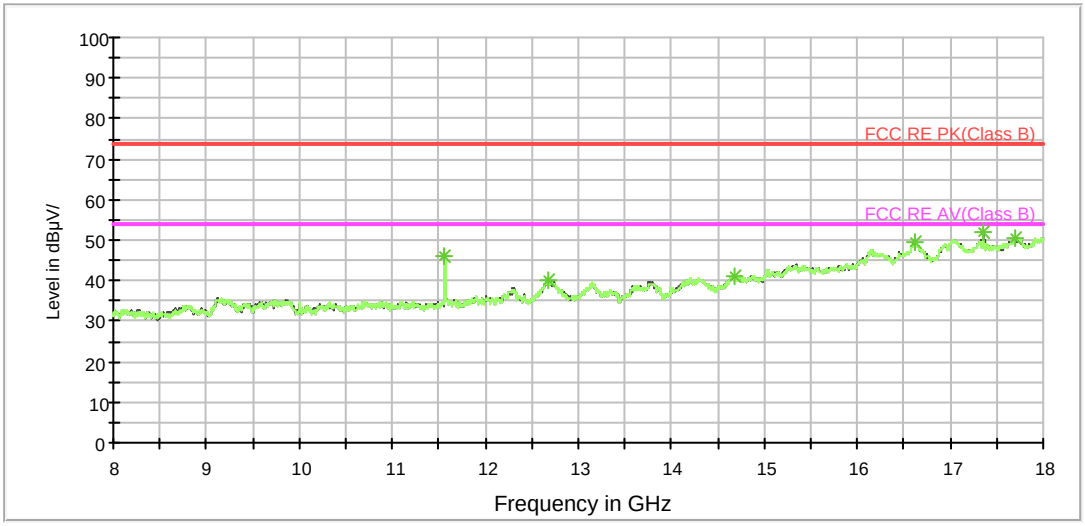
RE 3-18GHz PK+AV



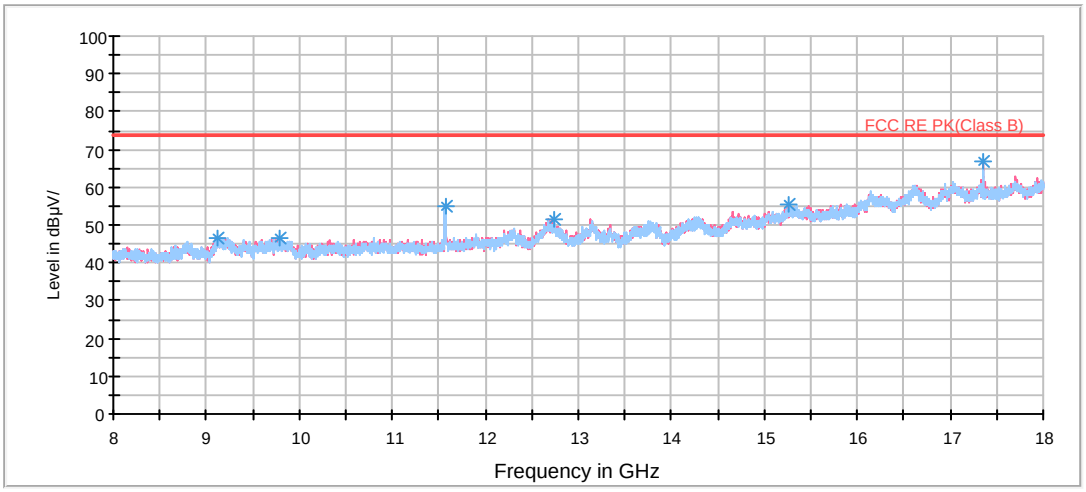
Note: The signal beyond the limit is carrier.

Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV

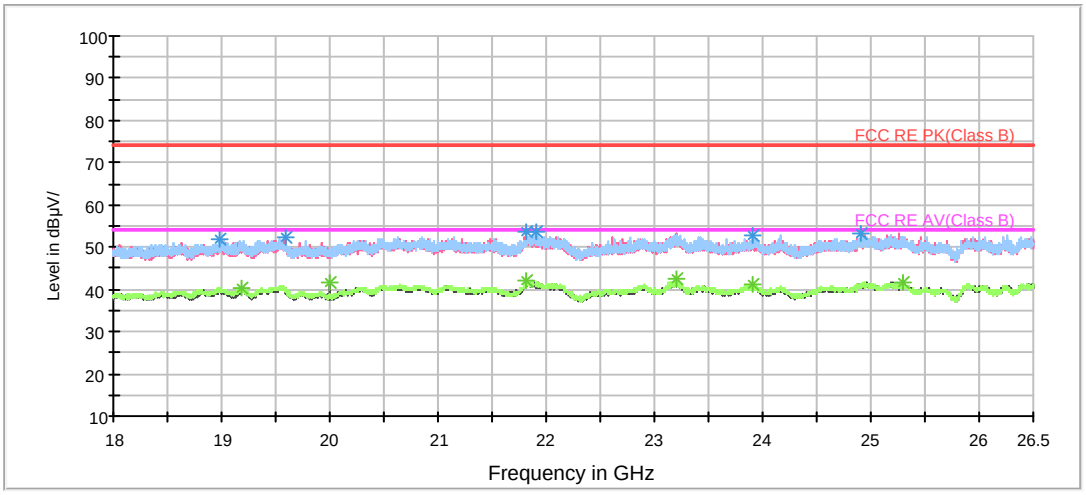


RE 3-18GHz PK+AV



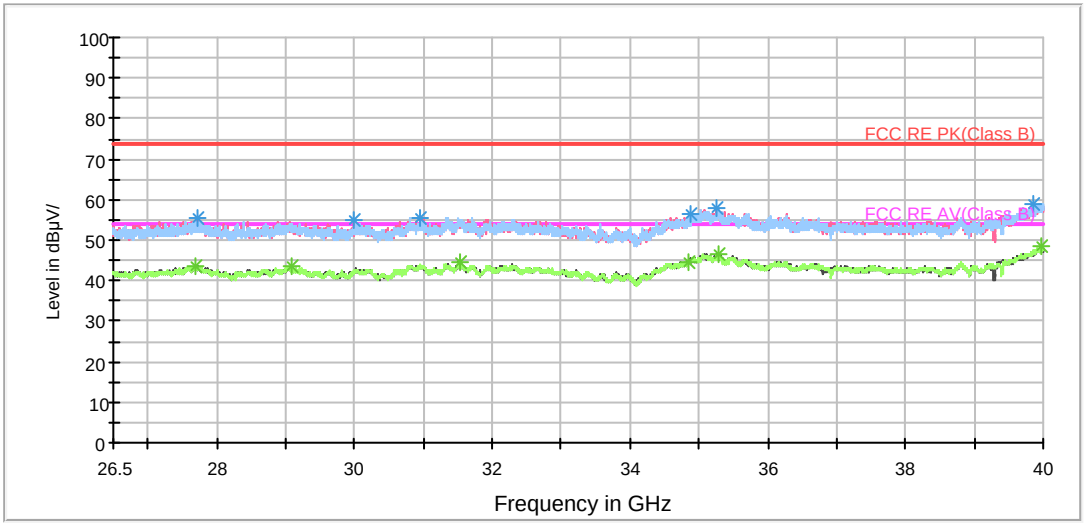
Radiates Emission from 8GHz to 18GHz

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)
3465.625000	47.4	200.0	V	0.0	39.5	7.9	26.6	74
3944.375000	48.3	200.0	H	315.0	39.4	8.9	25.7	74
4472.500000	50.4	200.0	V	46.0	40.0	10.4	23.6	74
4816.875000	50.6	200.0	V	314.0	39.3	11.3	23.4	74
6031.250000	58.8	200.0	V	323.0	44.0	14.8	15.2	74
6975.625000	55.8	200.0	V	297.0	39.5	16.3	18.2	74

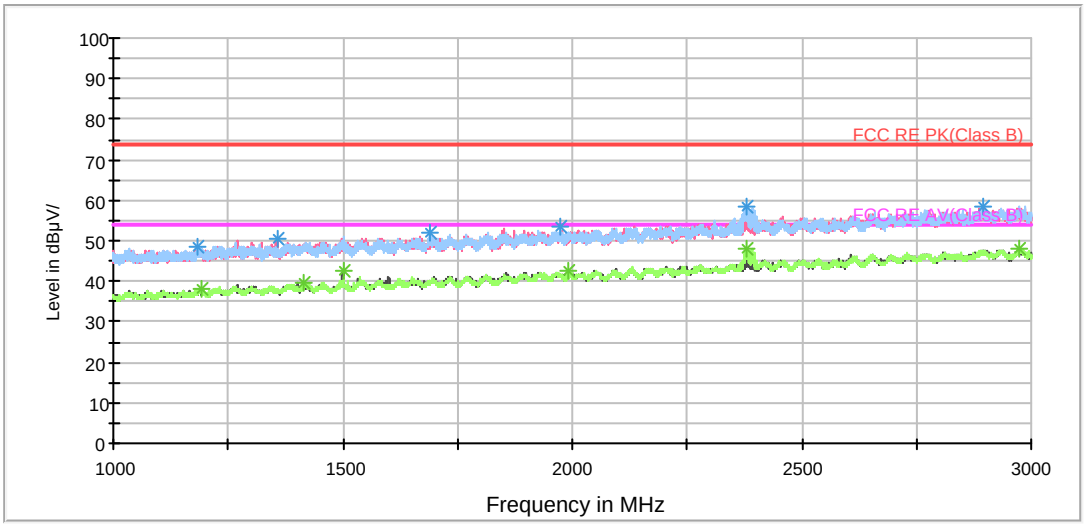
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3369.375000	37.5	200.0	V	347.0	30.0	7.5	16.5	54
4000.000000	38.6	200.0	V	306.0	29.7	8.9	15.4	54
4470.000000	40.6	200.0	V	258.0	30.2	10.4	13.4	54
4816.875000	39.3	200.0	V	314.0	28.0	11.3	14.7	54
6033.125000	50.3	200.0	V	242.0	35.5	14.8	3.7	54
6977.500000	45.1	200.0	H	0.0	28.8	16.3	8.9	54

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

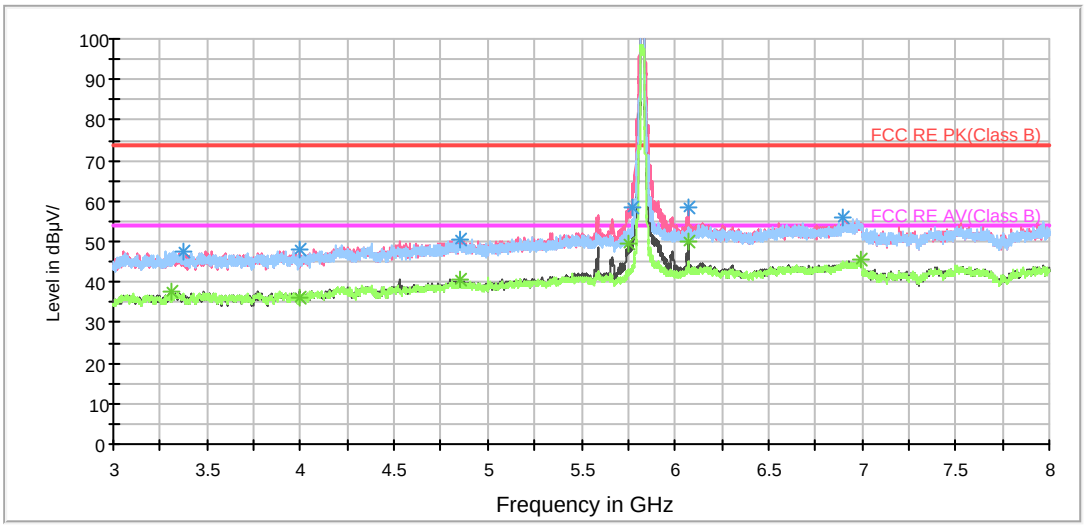
802.11a CH165

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

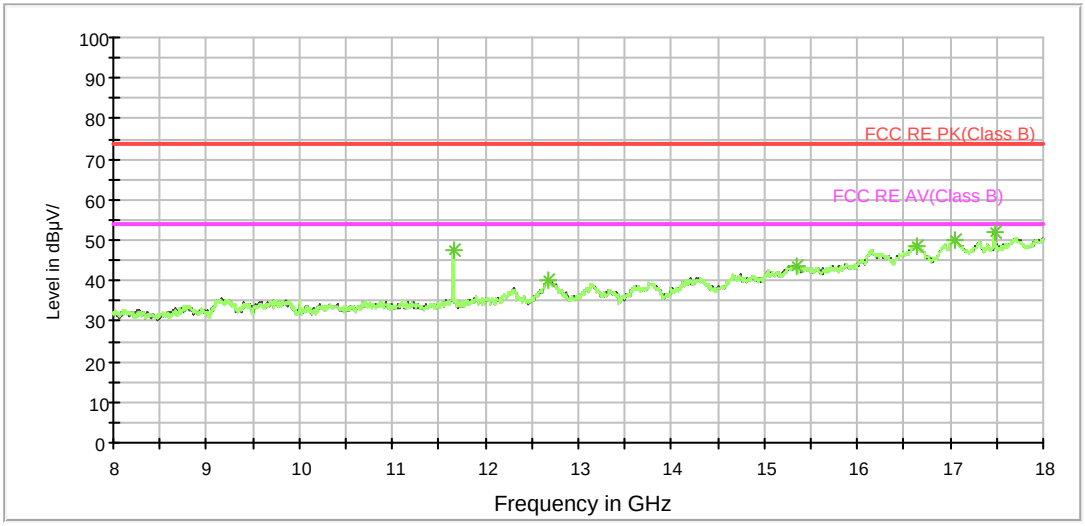
RE 3-18GHz PK+AV



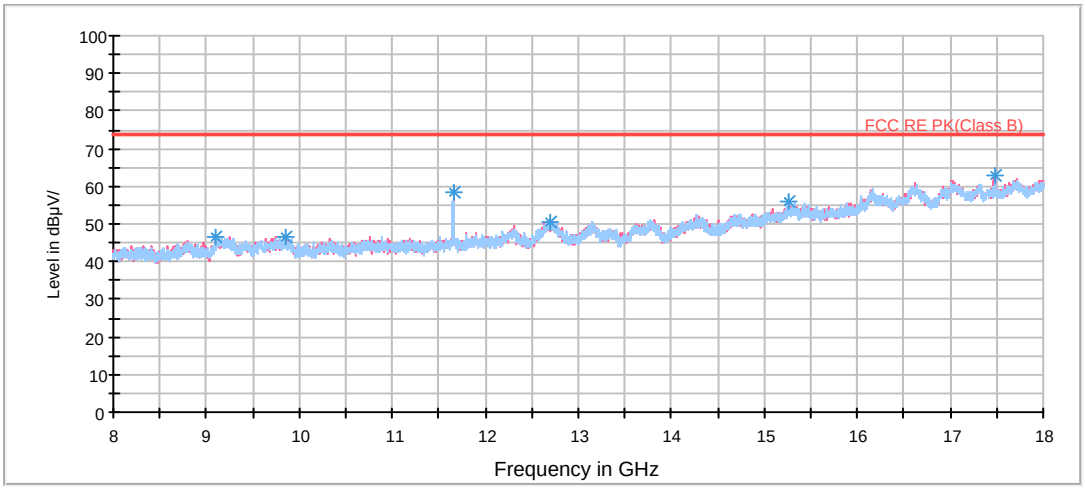
Note: The signal beyond the limit is carrier.

Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV

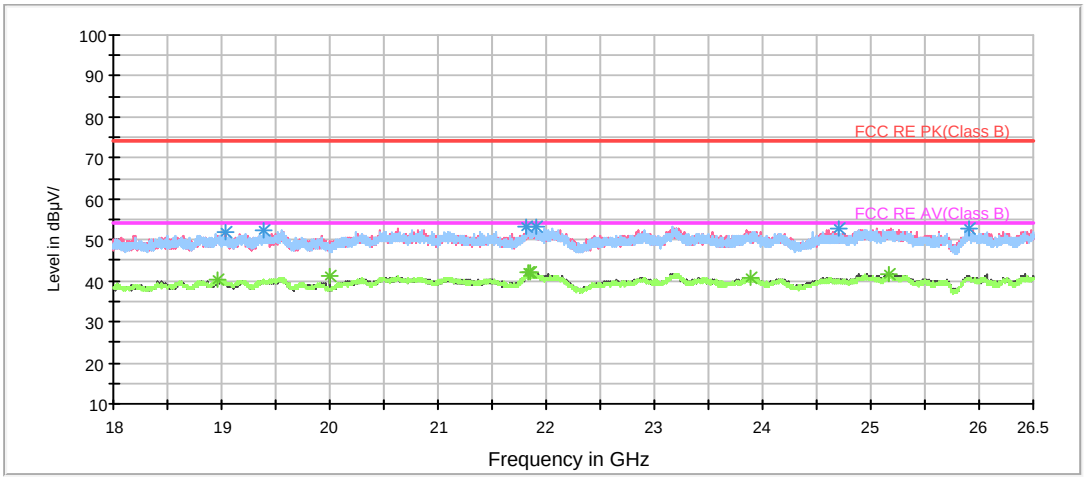


RE 3-18GHz PK+AV



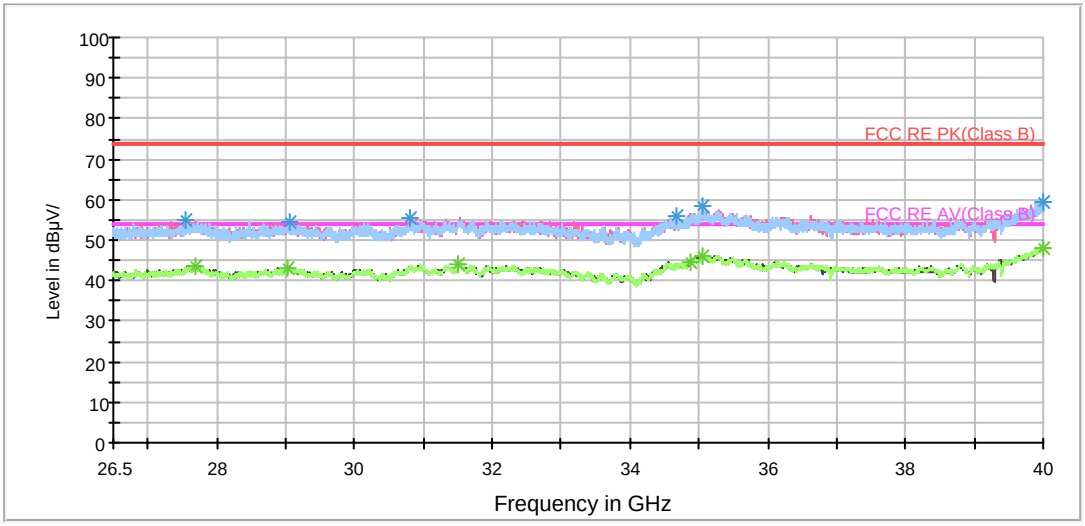
Radiates Emission from 8GHz to 18GHz

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)
3372.500000	47.7	200.0	V	236.0	40.2	7.5	26.3	74
3998.750000	48.0	200.0	V	354.0	39.1	8.9	26.0	74
4848.750000	50.4	200.0	V	268.0	38.8	11.6	23.6	74
5768.125000	58.6	200.0	V	252.0	44.9	13.7	15.4	74
6073.125000	58.4	200.0	V	244.0	43.3	15.1	15.6	74
6900.625000	56.1	200.0	H	185.0	39.8	16.3	17.9	74

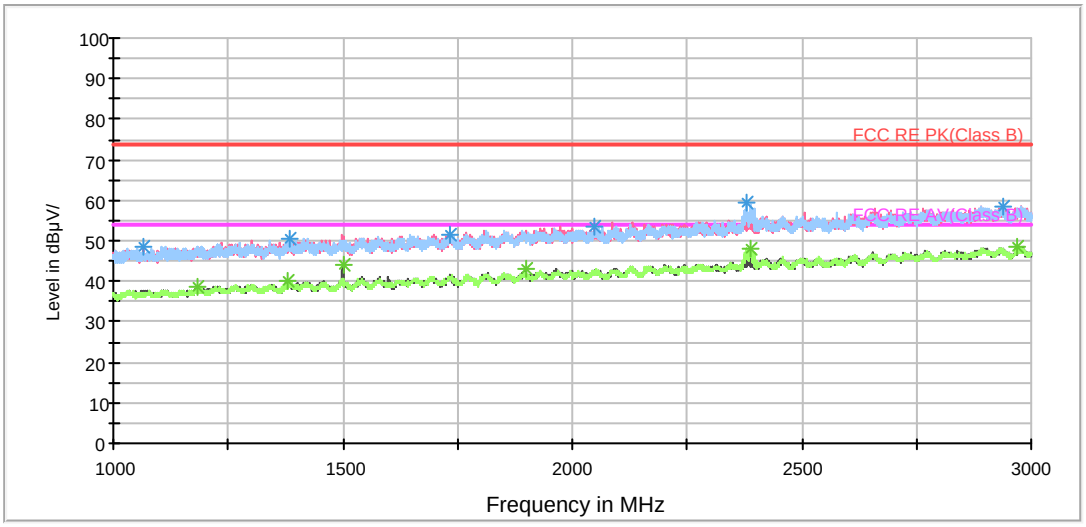
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3314.375000	37.7	200.0	V	0.0	29.8	7.9	16.3	54
3998.750000	36.1	200.0	V	354.0	27.2	8.9	17.9	54
4848.125000	40.8	200.0	V	299.0	29.2	11.6	13.2	54
5751.250000	49.7	200.0	V	252.0	36.1	13.6	4.3	54
6071.875000	50.2	200.0	V	252.0	35.1	15.1	3.8	54
6990.625000	45.4	200.0	H	352.0	28.9	16.5	8.6	54

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

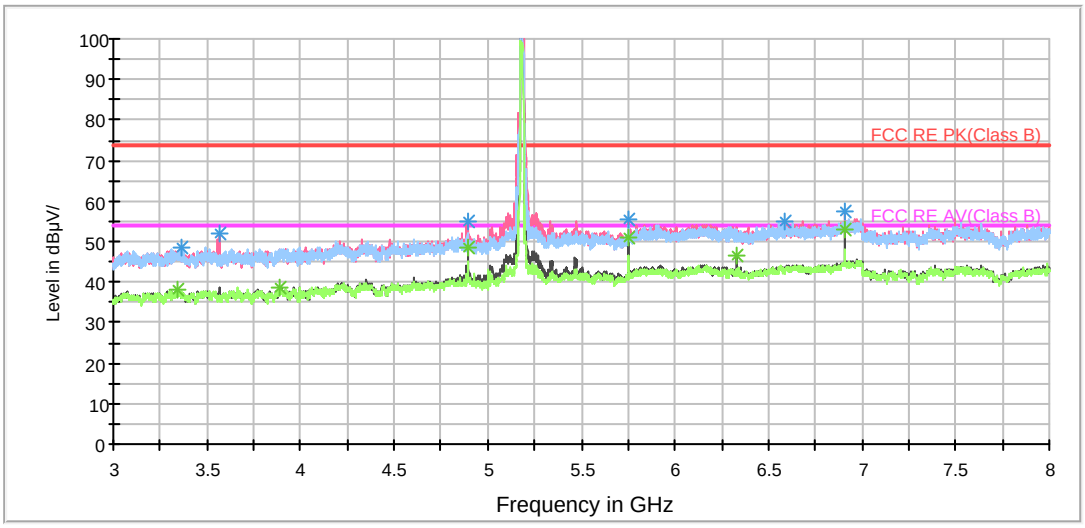
802.11n (HT20) CH36

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

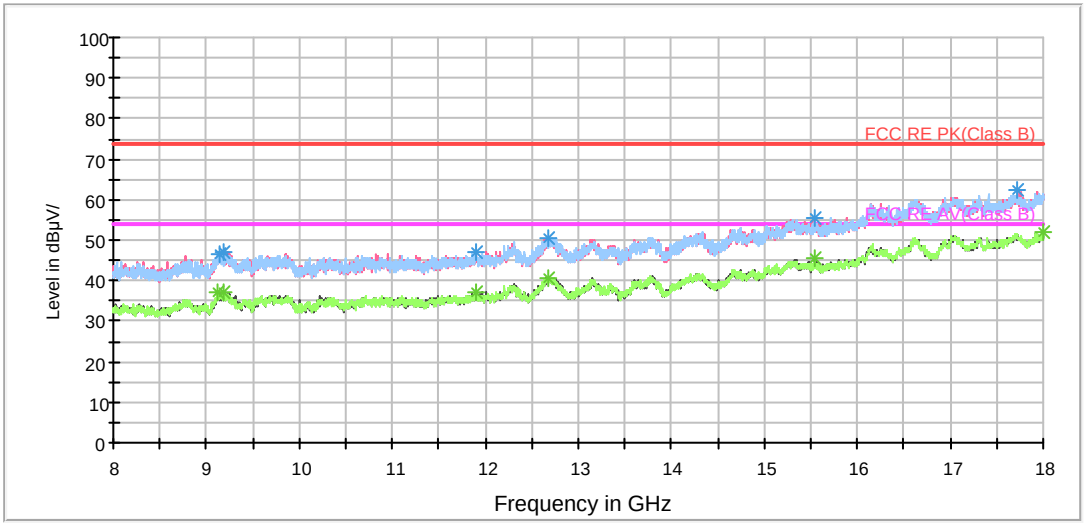
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

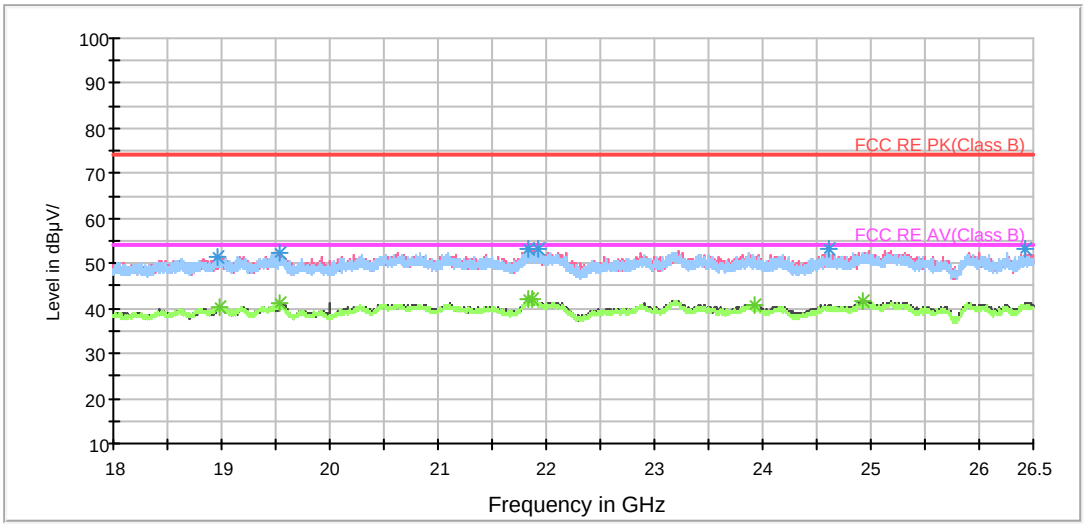
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



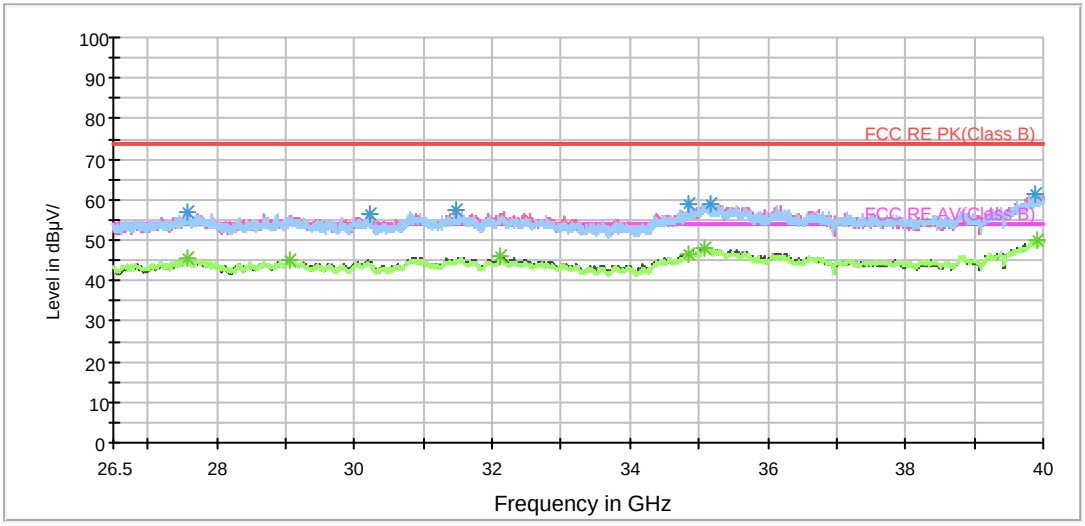
Radiates Emission from 8GHz to 18GHz

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)
3368.125000	48.6	200.0	H	108.0	41.0	7.6	25.4	74
3565.000000	51.9	200.0	V	202.0	44.0	7.9	22.1	74
4891.875000	55.2	200.0	V	250.0	43.3	11.9	18.8	74
5755.625000	55.7	200.0	V	96.0	42.1	13.6	18.3	74
6590.000000	55.0	200.0	H	0.0	39.4	15.6	19.0	74
6906.250000	57.6	200.0	V	170.0	41.3	16.3	16.4	74

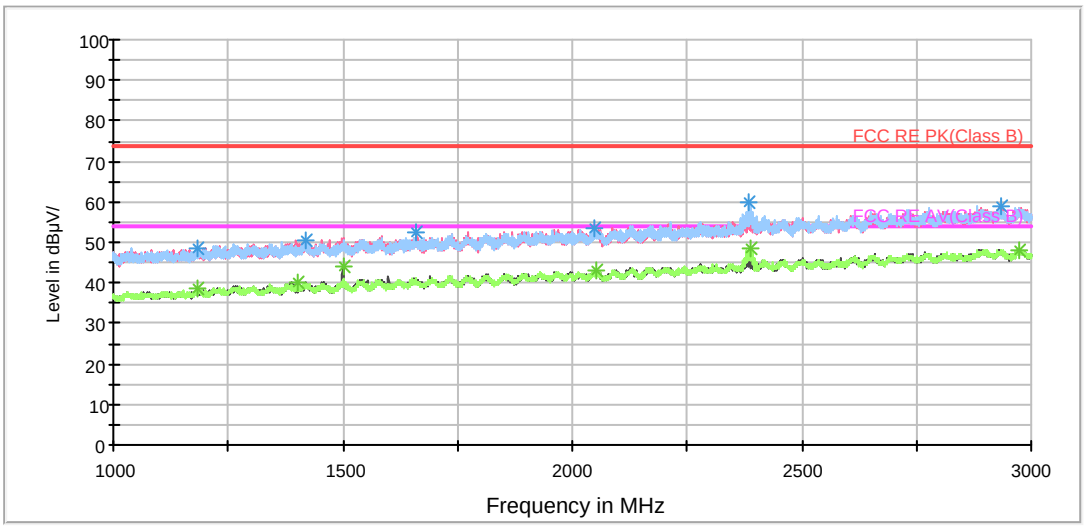
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3346.250000	37.9	200.0	V	283.0	30.2	7.7	16.1	54
3888.750000	38.8	200.0	V	234.0	30.1	8.7	15.2	54
4891.875000	48.7	200.0	V	250.0	36.8	11.9	5.3	54
5755.625000	50.9	200.0	V	96.0	37.3	13.6	3.1	54
6331.250000	46.5	200.0	V	234.0	31.1	15.4	7.5	54
6906.875000	53.1	200.0	V	210.0	36.8	16.3	0.9	54

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

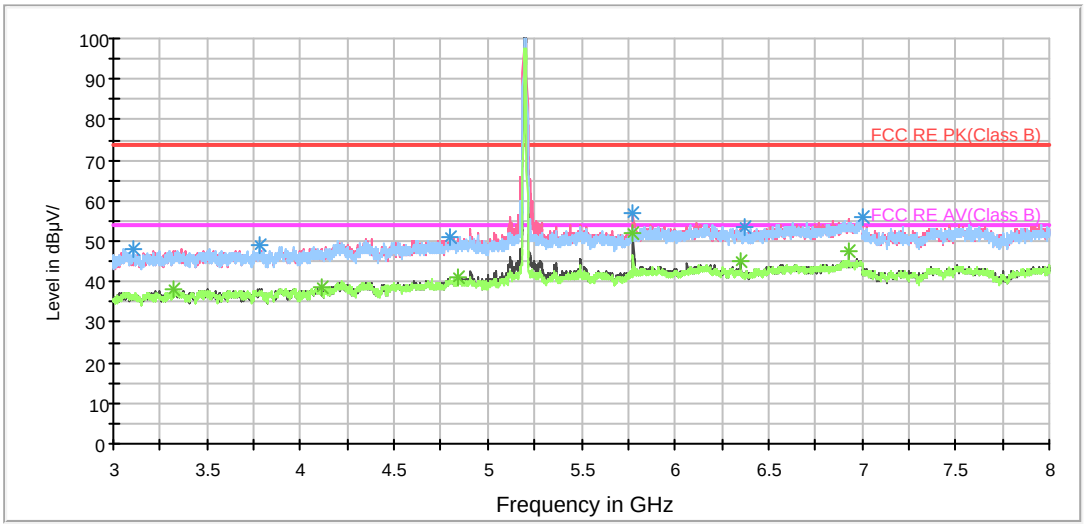
802.11n (HT20) CH40

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

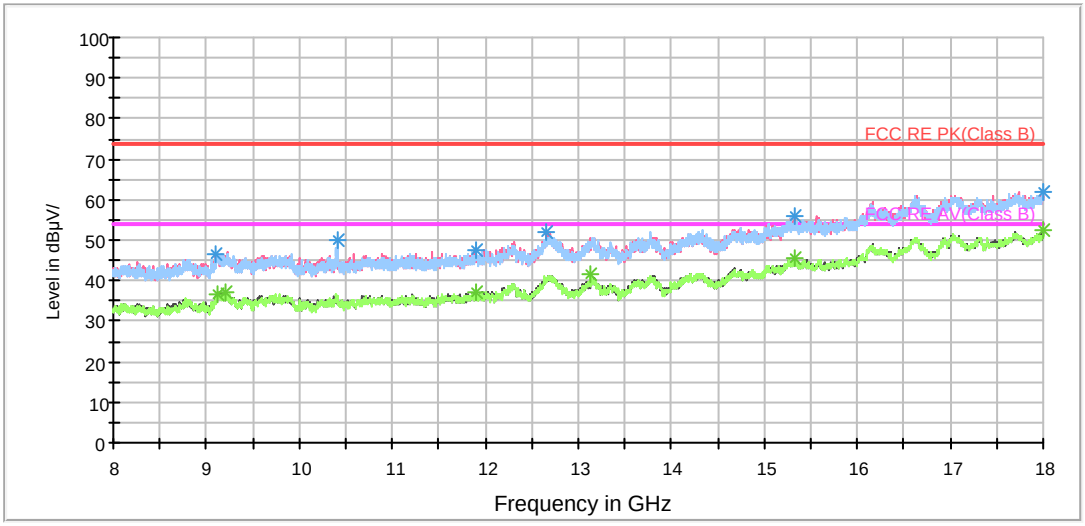
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

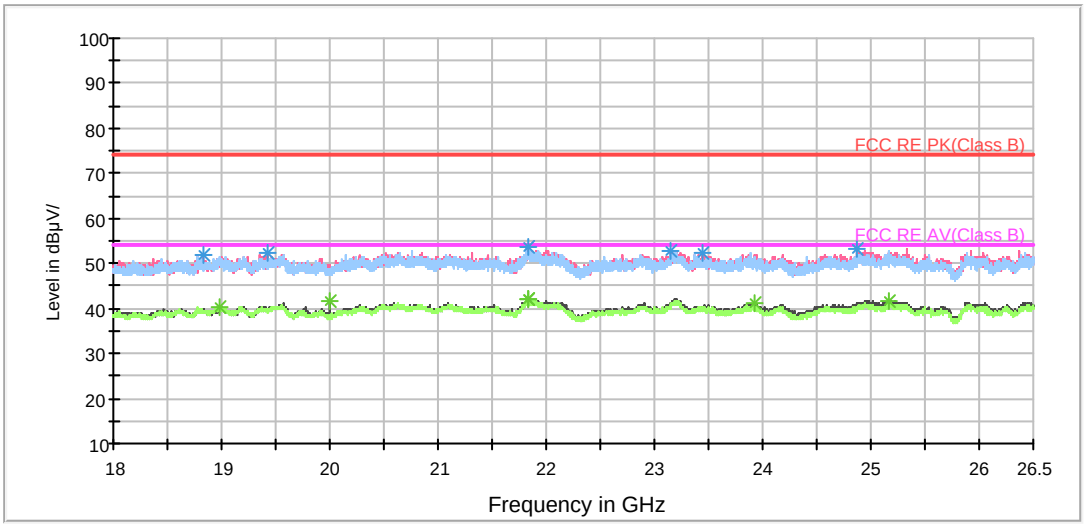
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



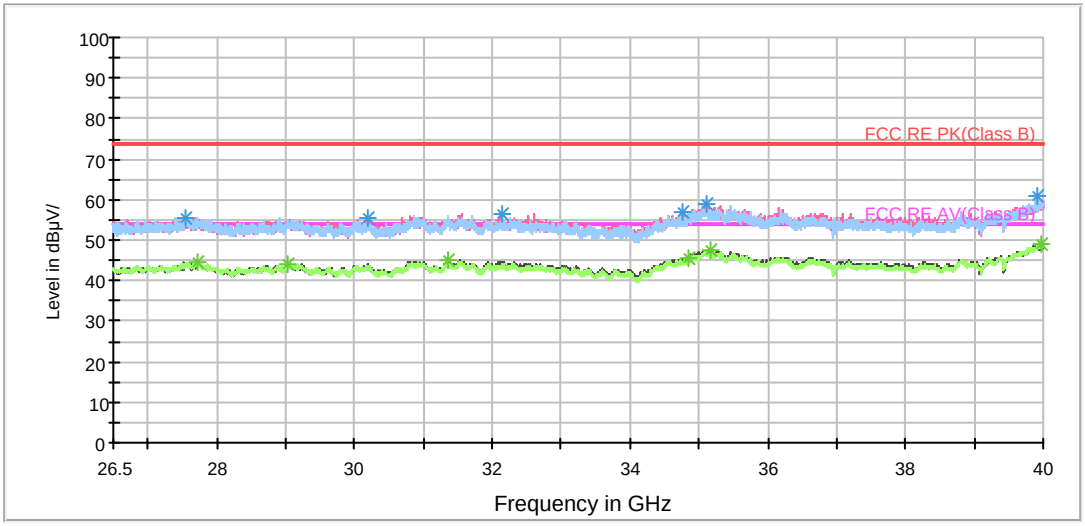
Radiates Emission from 8GHz to 18GHz

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)
3106.875000	48.1	200.0	H	3.0	40.8	7.3	25.9	74
3780.625000	48.9	200.0	H	25.0	40.7	8.2	25.1	74
4802.500000	51.2	200.0	V	120.0	39.9	11.3	22.8	74
5778.125000	56.9	200.0	V	0.0	43.0	13.9	17.1	74
6374.375000	53.7	200.0	V	344.0	38.7	15.0	20.3	74
7000.000000	55.8	200.0	V	320.0	39.2	16.6	18.2	74

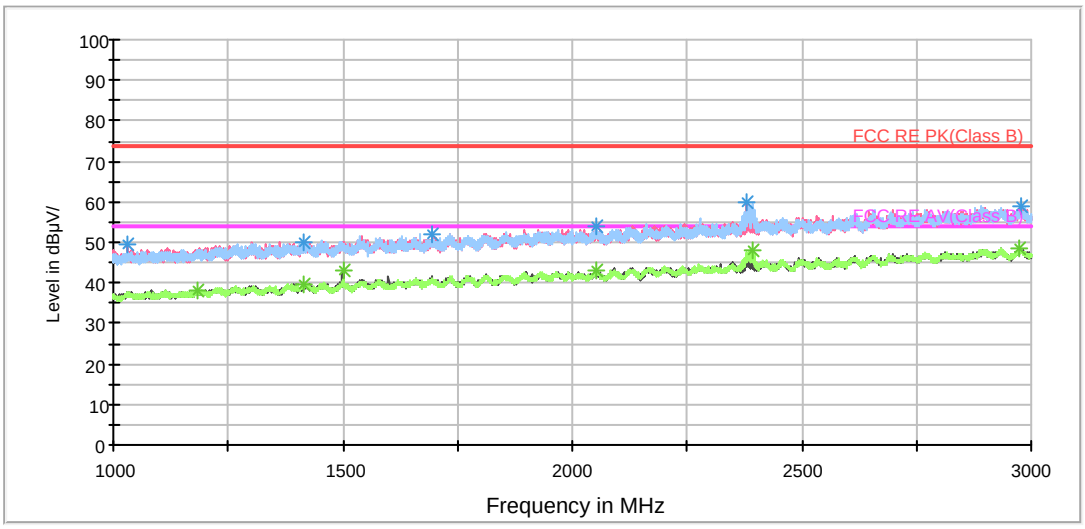
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3316.250000	38.0	200.0	H	25.0	30.1	7.9	16.0	54
4113.750000	38.6	200.0	H	0.0	29.2	9.4	15.4	54
4845.625000	40.9	200.0	V	114.0	29.3	11.6	13.1	54
5778.125000	51.8	200.0	V	0.0	37.9	13.9	2.2	54
6355.625000	44.9	200.0	V	320.0	29.8	15.1	9.1	54
6933.750000	47.4	200.0	V	144.0	31.2	16.2	6.6	54

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

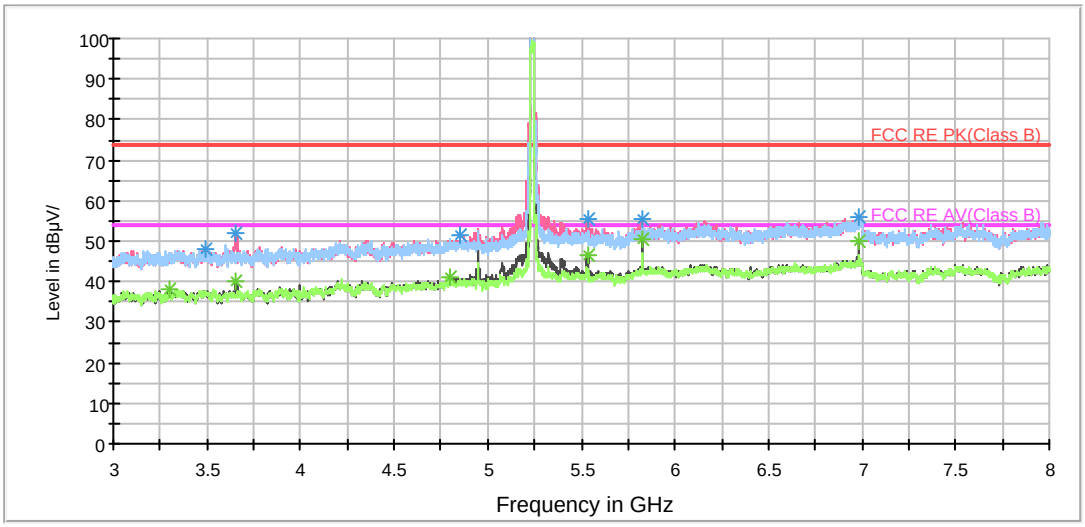
802.11n (HT20) CH48

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

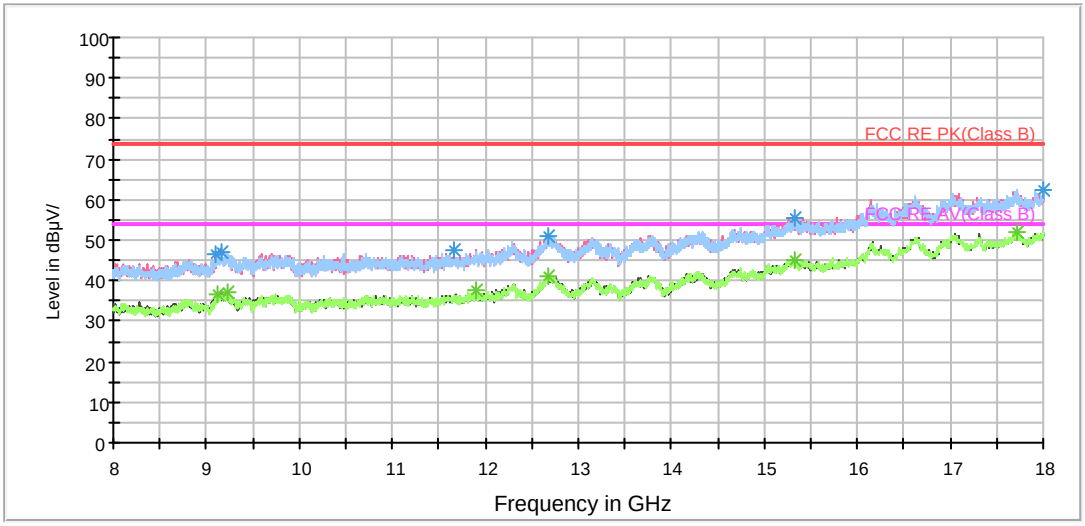
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

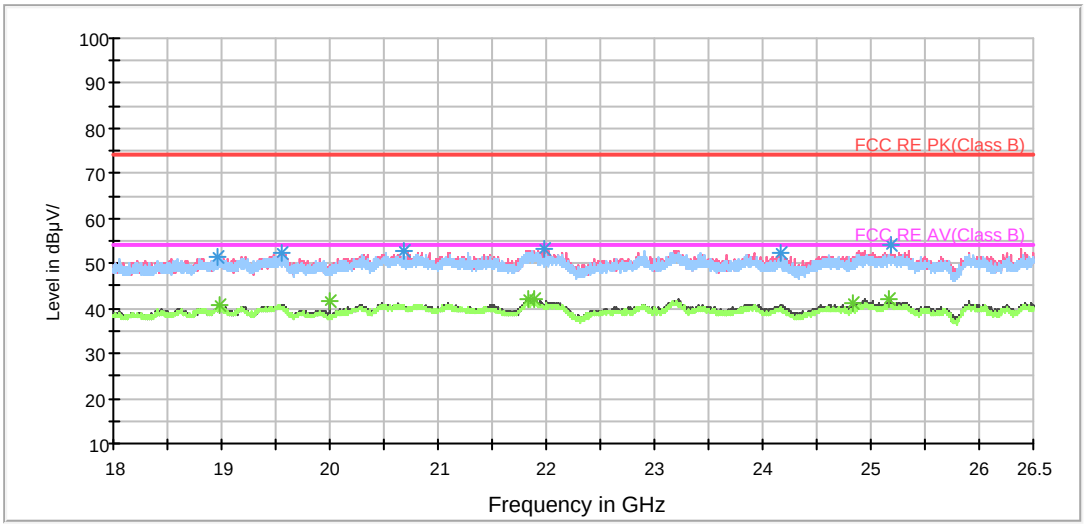
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



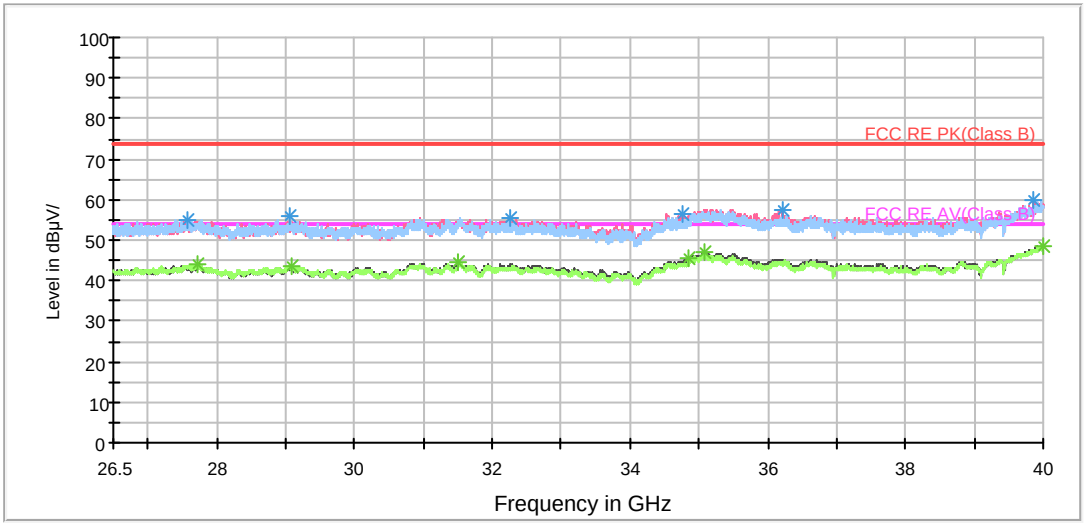
Radiates Emission from 8GHz to 18GHz

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)
3489.375000	47.9	200.0	V	346.0	39.9	8.0	26.1	74
3652.500000	52.1	200.0	V	182.0	44.0	8.1	21.9	74
4851.250000	51.3	200.0	V	0.0	39.7	11.6	22.7	74
5537.500000	55.6	200.0	V	230.0	42.4	13.2	18.4	74
5822.500000	55.4	200.0	V	238.0	40.9	14.5	18.6	74
6986.875000	55.9	200.0	V	346.0	39.5	16.4	18.1	74

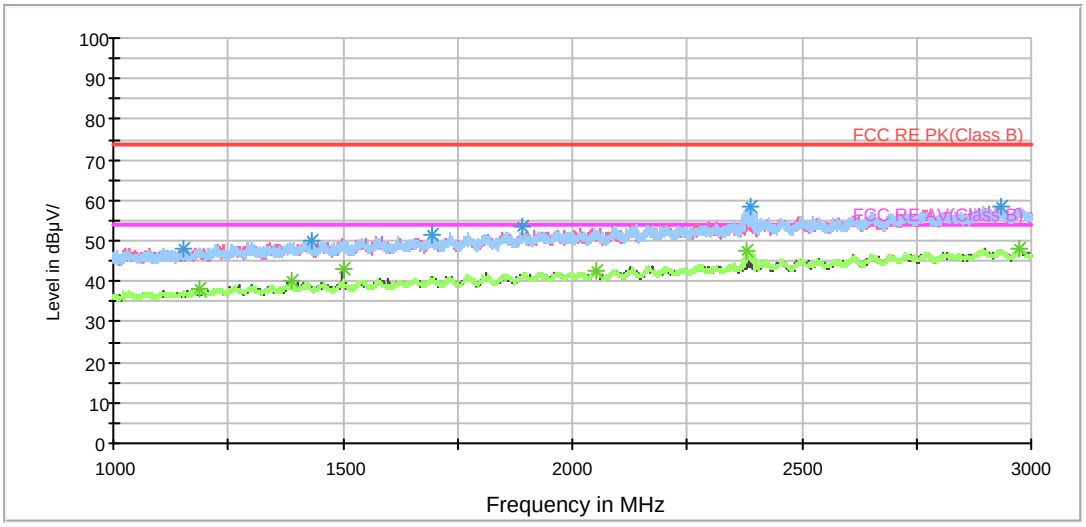
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3301.875000	38.0	200.0	H	54.0	30.2	7.8	16.0	54
3656.250000	40.3	200.0	V	190.0	32.2	8.1	13.7	54
4803.125000	40.9	200.0	H	101.0	29.6	11.3	13.1	54
5537.500000	46.7	200.0	V	230.0	33.5	13.2	7.3	54
5822.500000	50.3	200.0	V	238.0	35.8	14.5	3.7	54
6986.875000	50.2	200.0	V	346.0	33.8	16.4	3.8	54

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

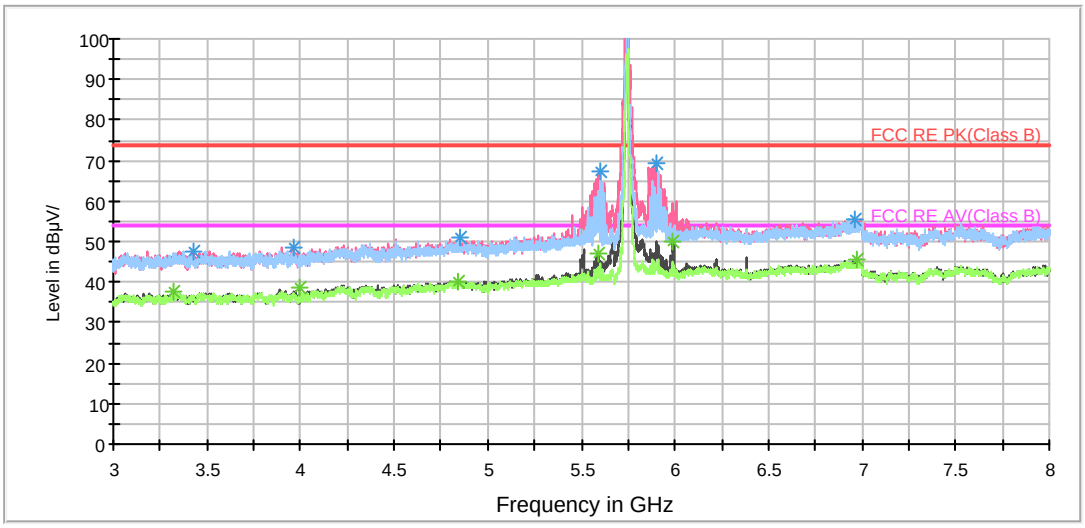
802.11n (HT20) CH149

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

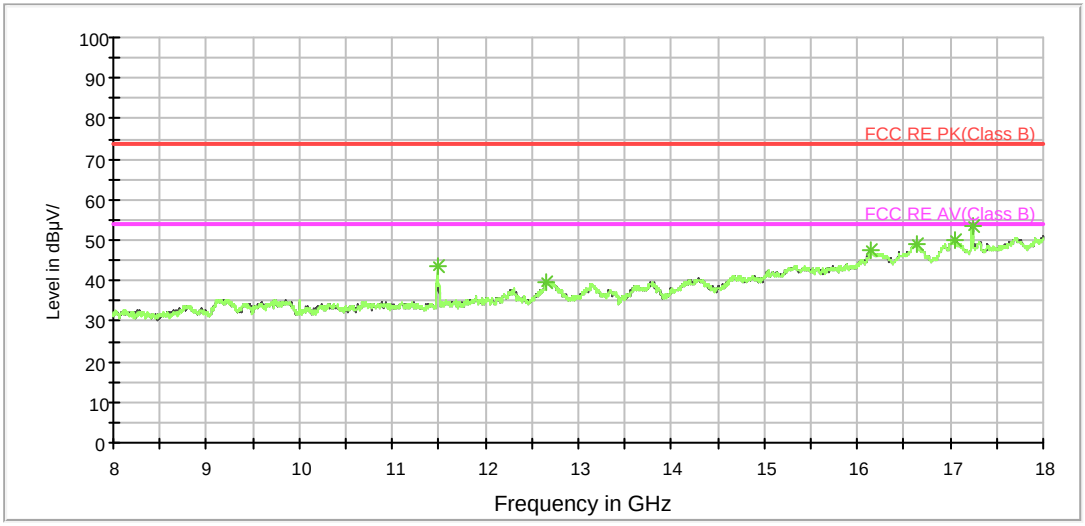
RE 3-18GHz PK+AV



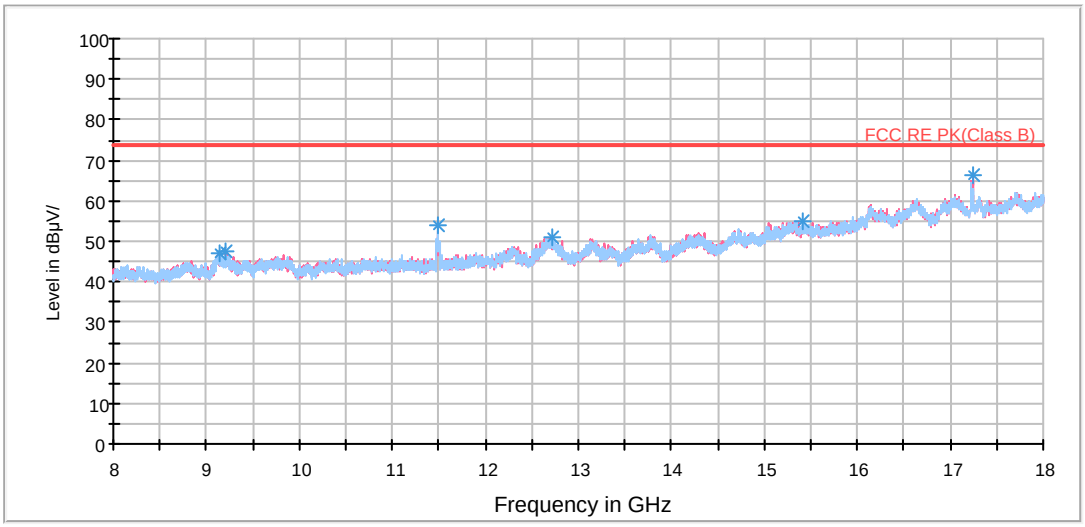
Note: The signal beyond the limit is carrier.

Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV

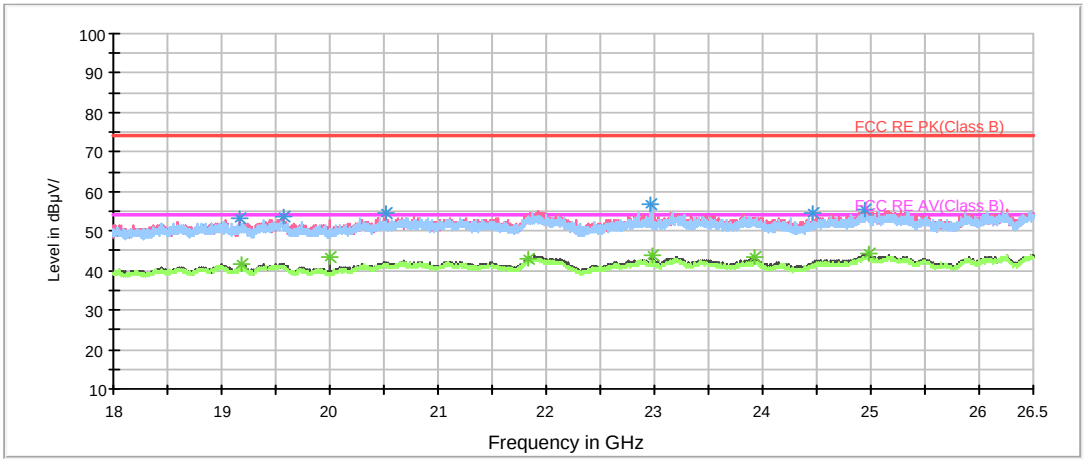


RE 3-18GHz PK+AV



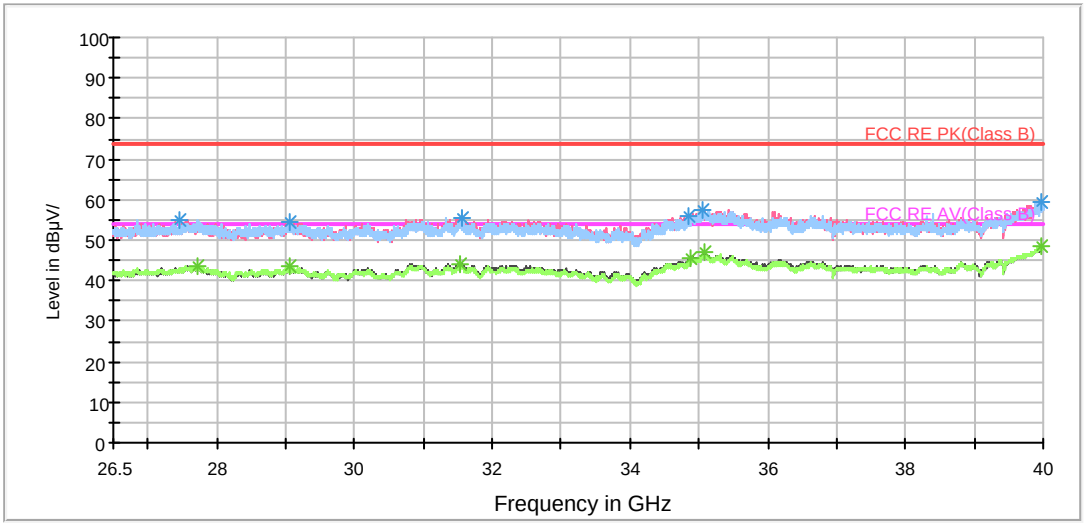
Radiates Emission from 8GHz to 18GHz

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)
3430.000000	47.6	200.0	V	113.0	40.0	7.6	26.4	74
3963.750000	48.3	200.0	V	163.0	39.3	9.0	25.7	74
4853.750000	50.8	200.0	V	196.0	39.2	11.6	23.2	74
5603.125000	67.4	200.0	V	220.0	54.0	13.4	6.6	74
5899.375000	69.4	200.0	V	0.0	54.6	14.8	4.6	74
6965.625000	55.5	200.0	V	333.0	39.3	16.2	18.5	74

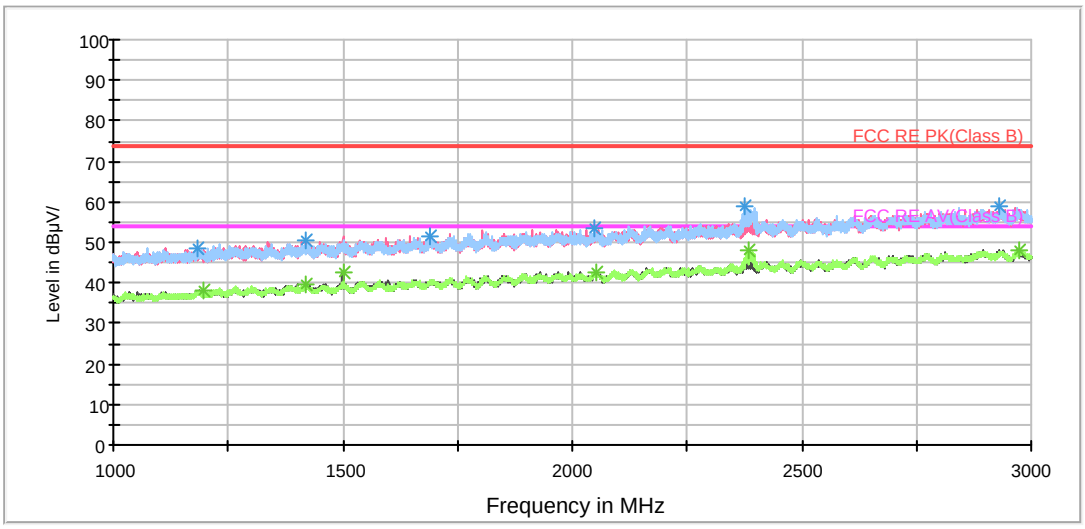
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3321.875000	37.5	200.0	H	0.0	29.6	7.9	16.5	54
4000.000000	38.4	200.0	V	333.0	29.5	8.9	15.6	54
4845.000000	40.1	200.0	V	163.0	28.5	11.6	13.9	54
5586.875000	47.3	200.0	V	121.0	33.9	13.4	6.7	54
5990.000000	49.8	200.0	V	341.0	35.0	14.8	4.2	54
6972.500000	45.6	200.0	V	244.0	29.3	16.3	8.4	54

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

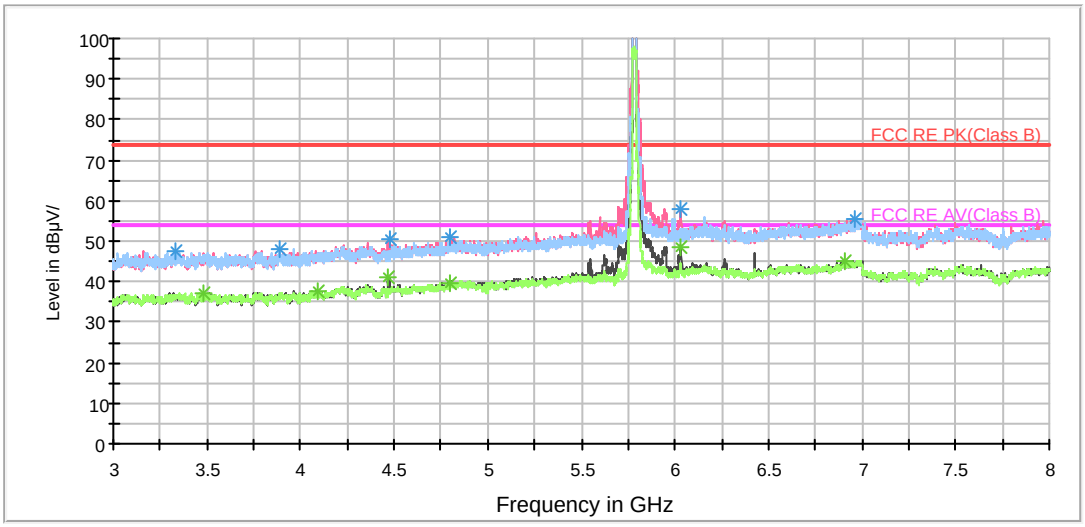
802.11n (HT20) CH157

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

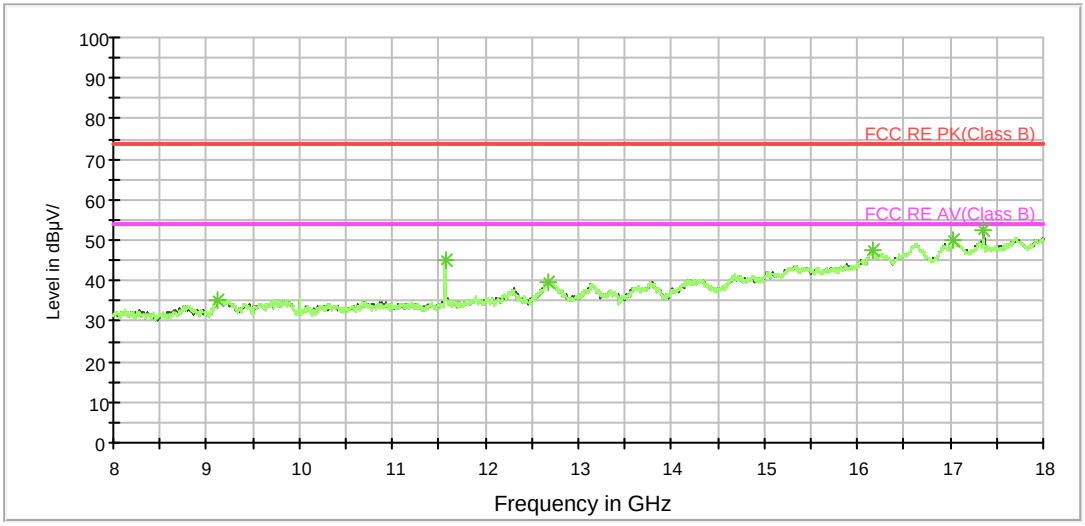
RE 3-18GHz PK+AV



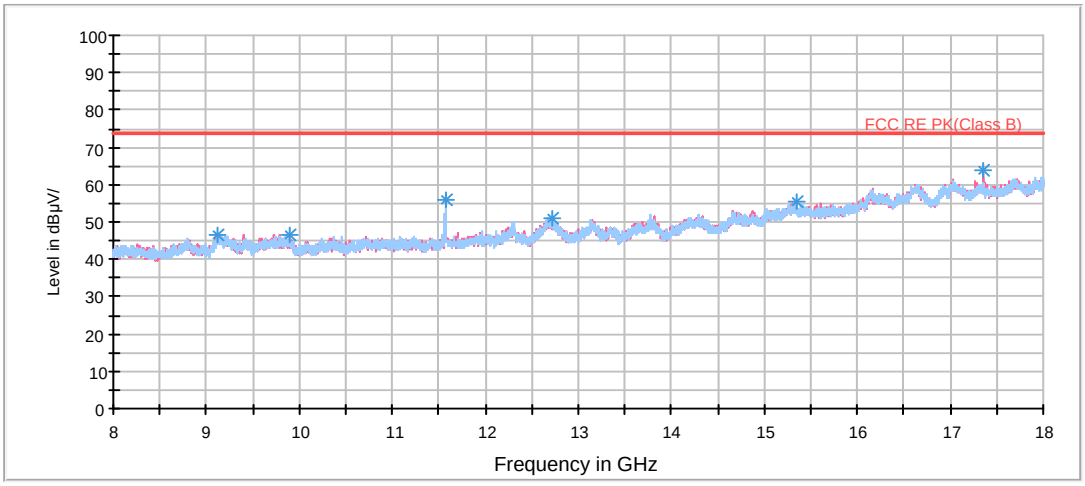
Note: The signal beyond the limit is carrier.

Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV

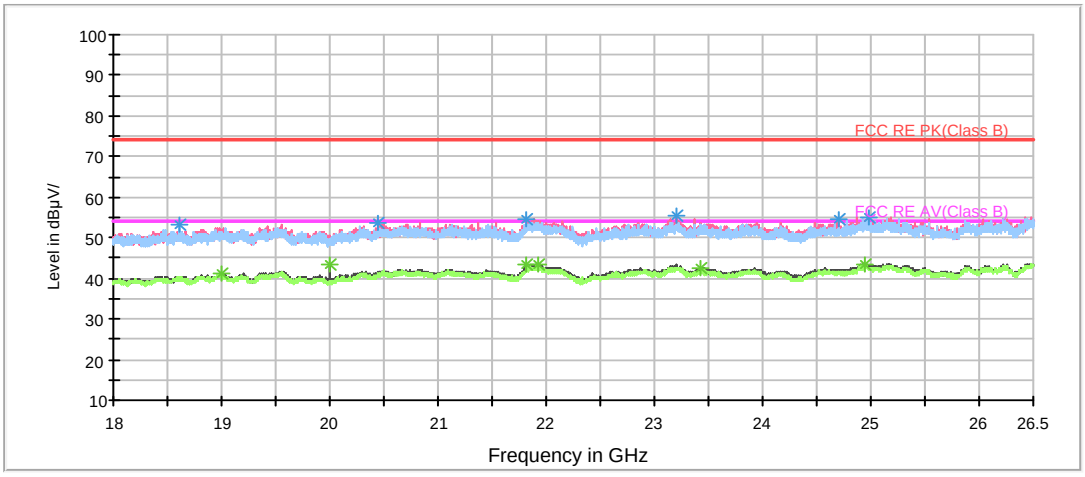


RE 3-18GHz PK+AV



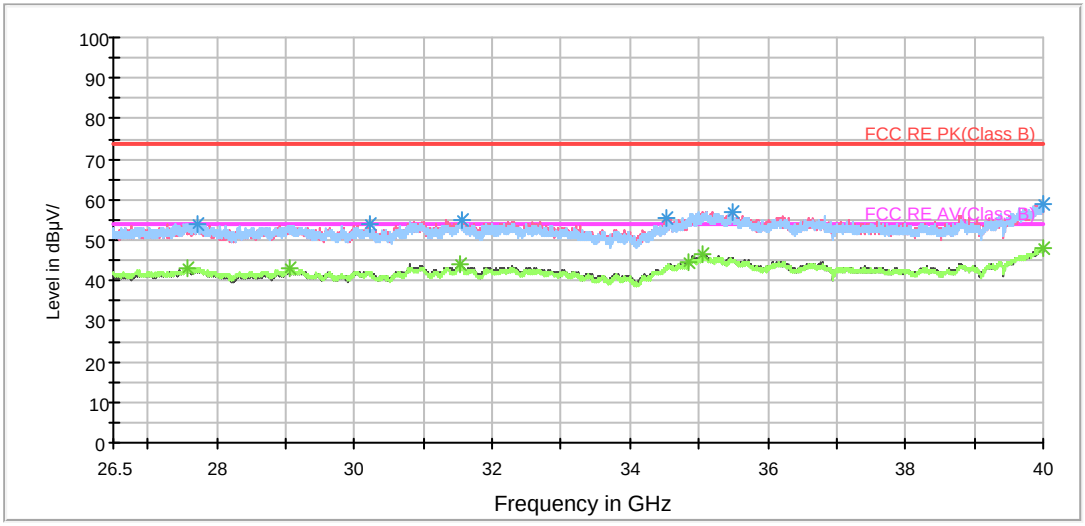
Radiates Emission from 8GHz to 18GHz

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)
3336.250000	47.5	200.0	H	72.0	39.8	7.7	26.5	74
3890.625000	48.1	200.0	H	55.0	39.4	8.7	25.9	74
4473.750000	50.3	200.0	V	113.0	39.8	10.5	23.7	74
4796.250000	51.0	200.0	H	24.0	39.8	11.2	23.0	74
6033.750000	57.7	200.0	V	104.0	42.9	14.8	16.3	74
6961.250000	55.3	200.0	V	289.0	39.1	16.2	18.7	74

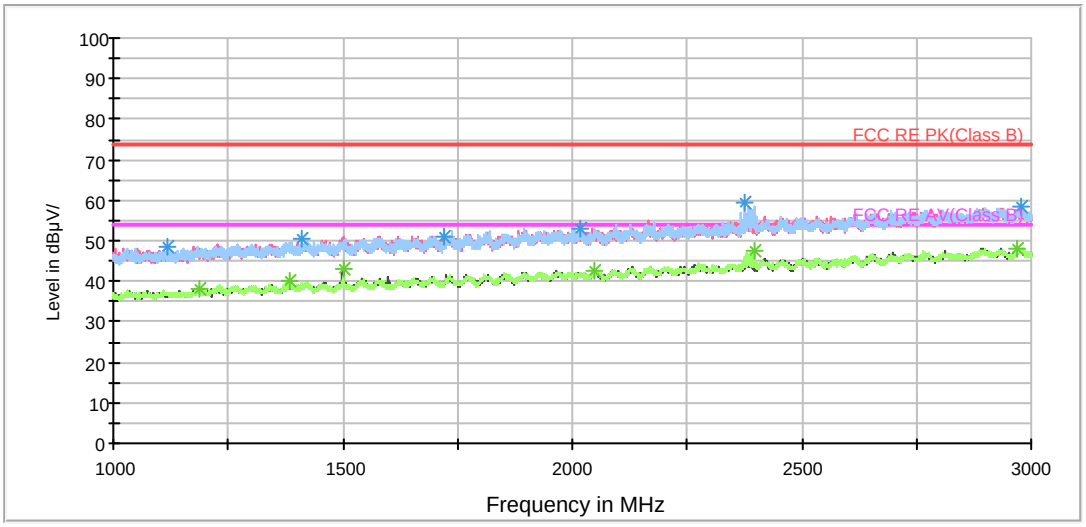
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3482.500000	37.3	200.0	V	320.0	29.3	8.0	16.7	54
4093.125000	37.6	200.0	V	351.0	28.5	9.1	16.4	54
4471.250000	41.3	200.0	V	121.0	30.9	10.4	12.7	54
4796.250000	39.4	200.0	H	24.0	28.2	11.2	14.6	54
6033.125000	48.7	200.0	V	256.0	33.9	14.8	5.3	54
6912.500000	45.2	200.0	V	0.0	29.0	16.2	8.8	54

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

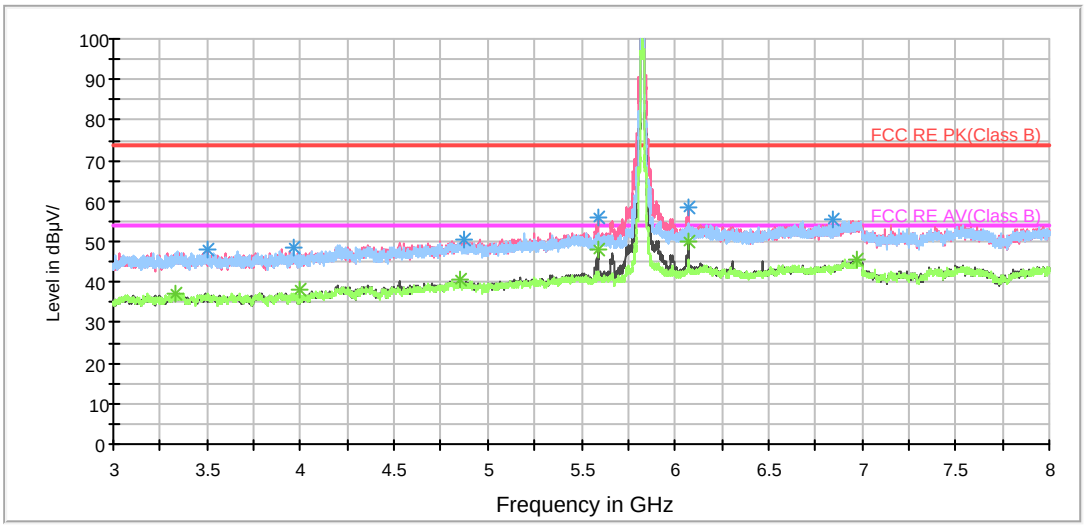
802.11n (HT20) CH165

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

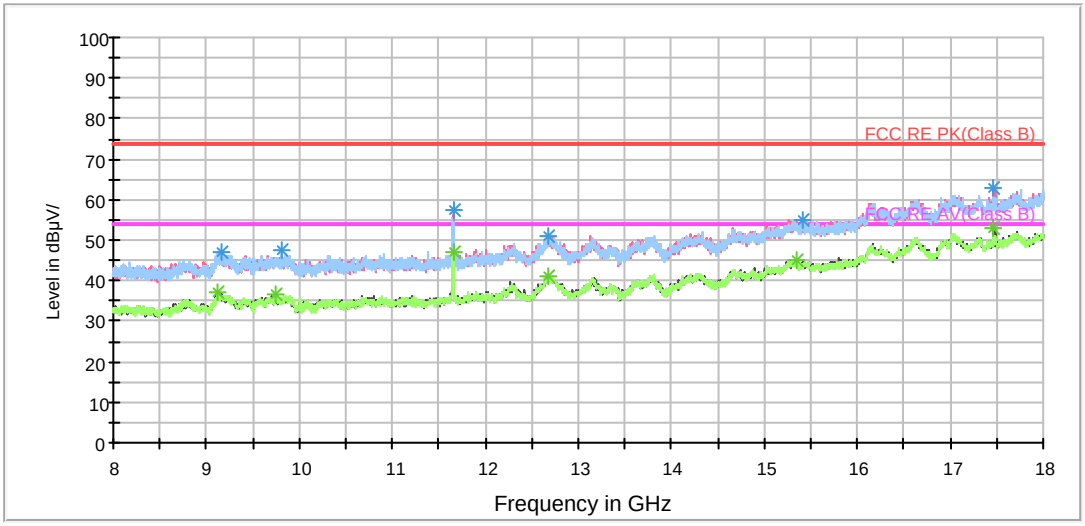
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

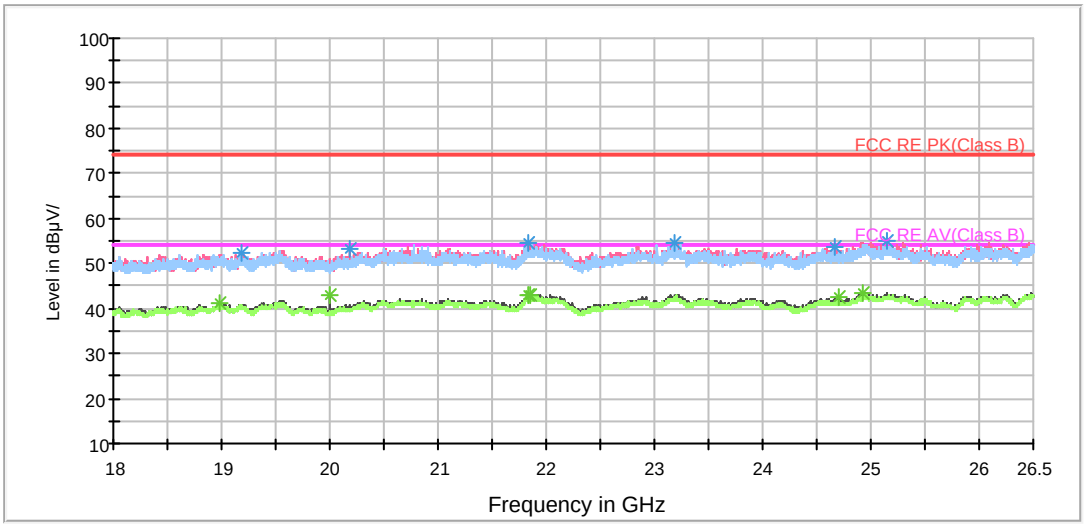
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



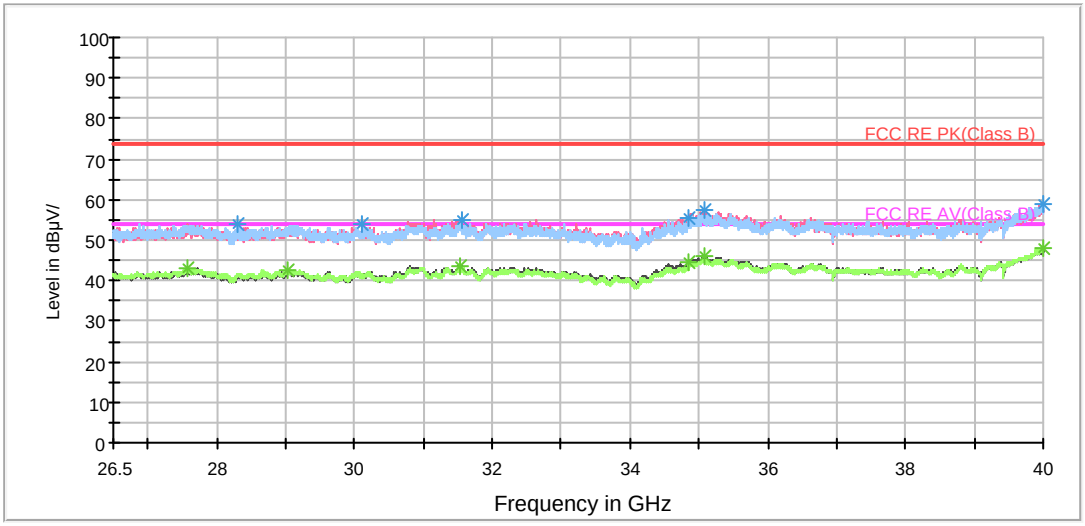
Radiates Emission from 8GHz to 18GHz

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)
3502.500000	47.8	200.0	V	120.0	39.9	7.9	26.2	74
3966.875000	48.4	200.0	H	224.0	39.3	9.1	25.6	74
4871.875000	50.5	200.0	V	225.0	38.7	11.8	23.5	74
5589.375000	55.7	200.0	V	120.0	42.3	13.4	18.3	74
6075.000000	58.5	200.0	V	87.0	43.3	15.2	15.5	74
6843.125000	55.3	200.0	V	153.0	39.4	15.9	18.7	74

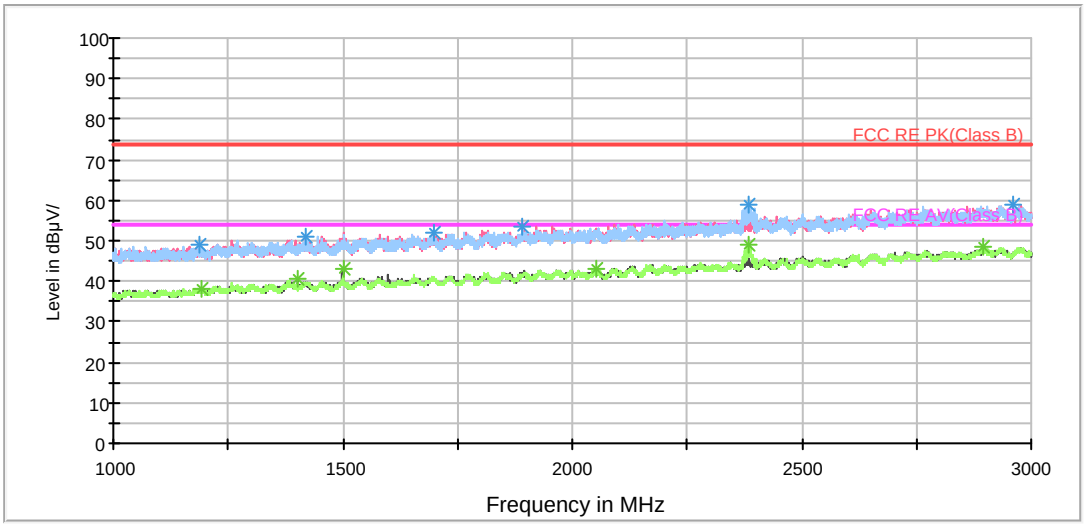
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3331.875000	37.3	200.0	H	95.0	29.5	7.8	16.7	54
4000.000000	38.0	200.0	V	169.0	29.1	8.9	16.0	54
4856.250000	40.4	200.0	V	249.0	28.7	11.7	13.6	54
5589.375000	48.2	200.0	V	120.0	34.8	13.4	5.8	54
6073.125000	50.0	200.0	V	209.0	34.9	15.1	4.0	54
6972.500000	45.6	200.0	V	104.0	29.3	16.3	8.4	54

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

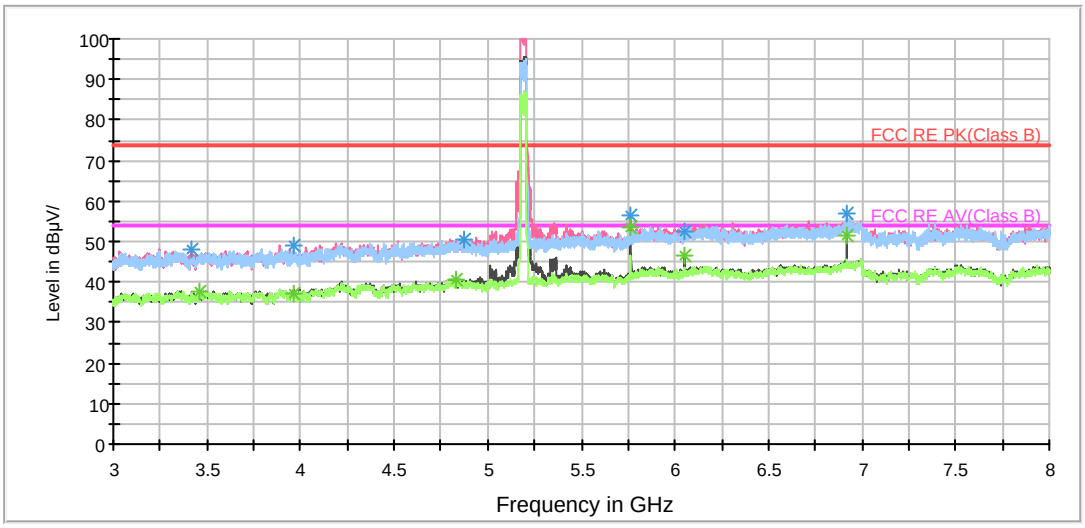
802.11n (HT40) CH38

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

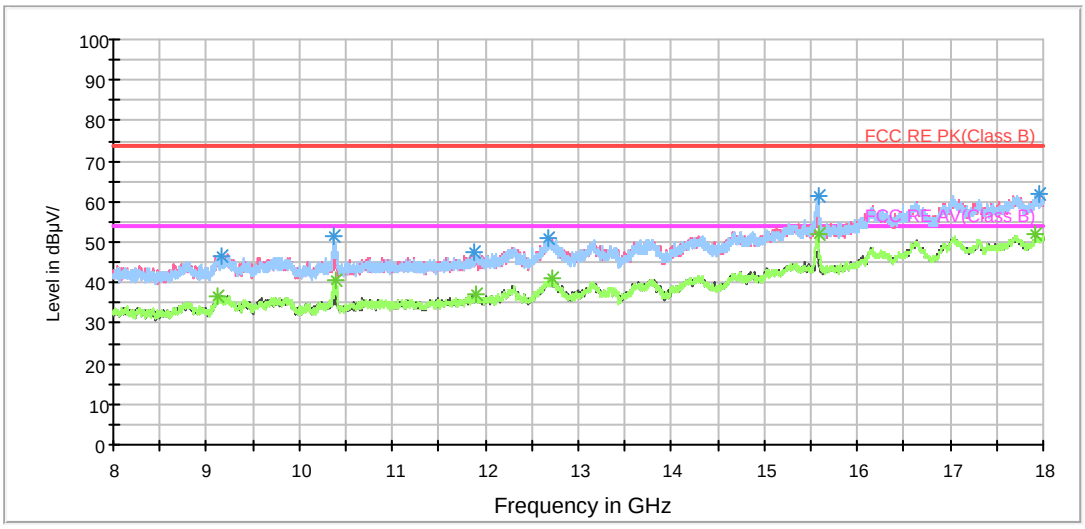
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

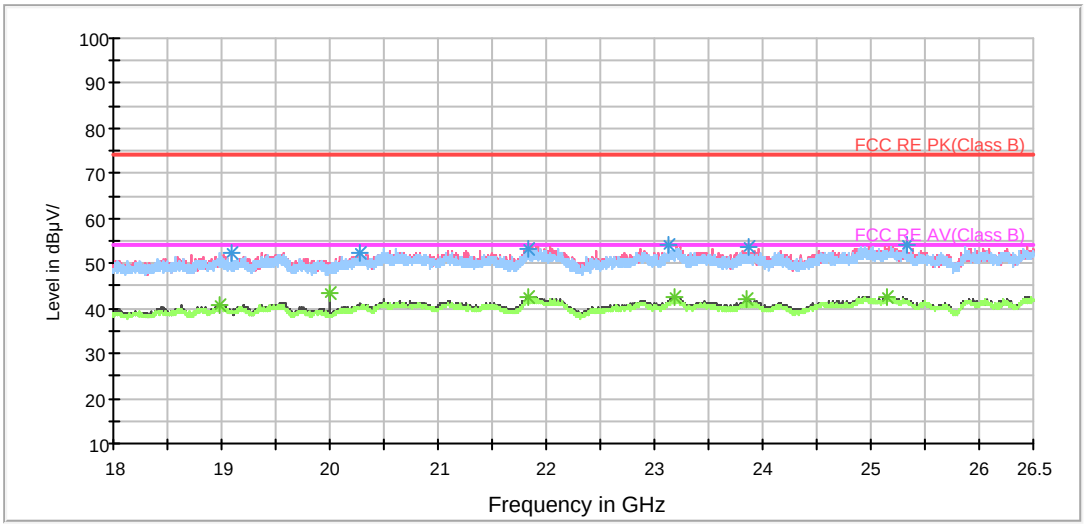
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



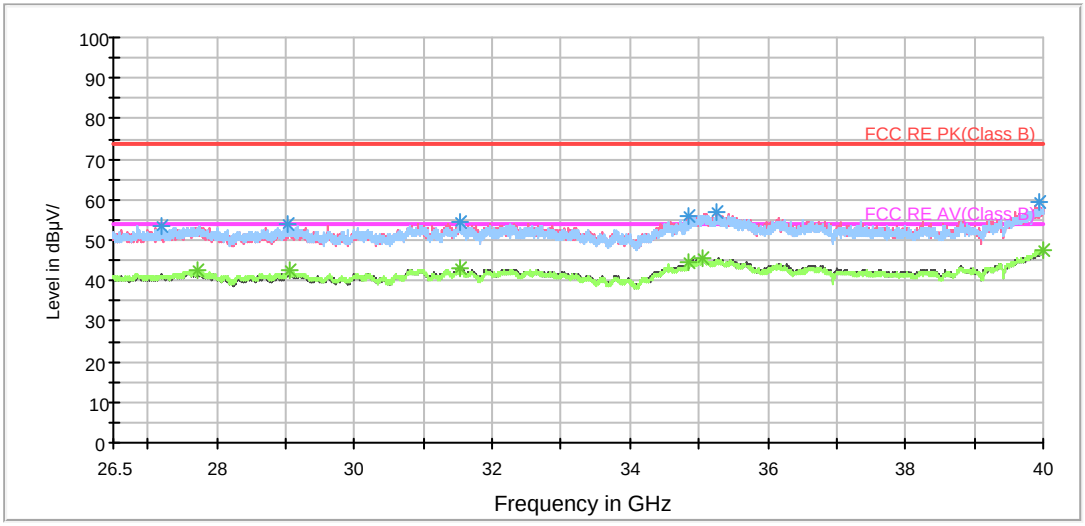
Radiates Emission from 8GHz to 18GHz

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)
3418.125000	47.9	200.0	V	298.0	40.5	7.4	26.1	74
3968.125000	49.1	200.0	H	75.0	40.0	9.1	24.9	74
4869.375000	50.6	200.0	V	117.0	38.8	11.8	23.4	74
5766.875000	56.7	200.0	V	291.0	43.0	13.7	17.3	74
6055.000000	52.3	200.0	V	84.0	37.4	14.9	21.7	74
6920.000000	56.7	200.0	V	0.0	40.5	16.2	17.3	74

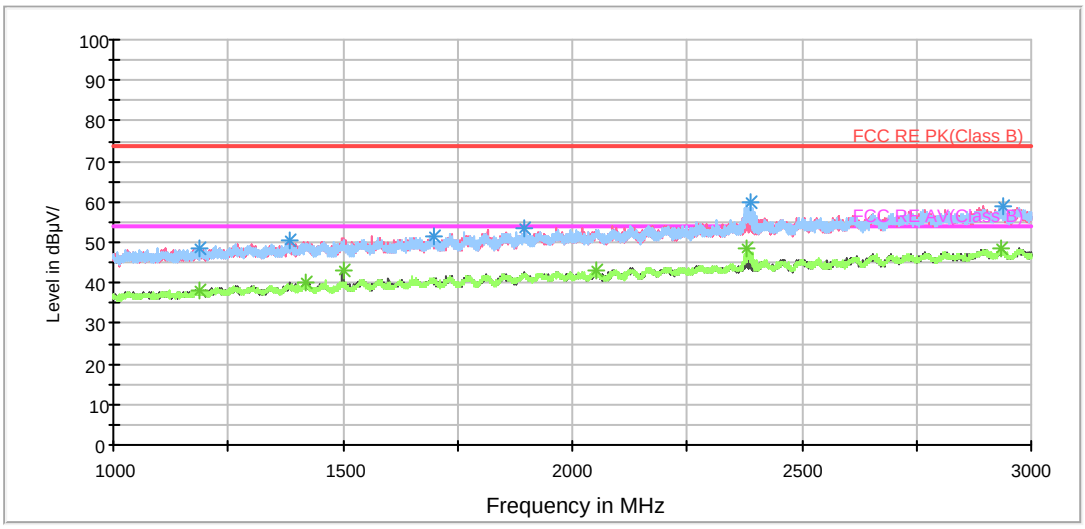
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3465.000000	37.7	200.0	V	126.0	29.8	7.9	16.3	54
3968.125000	37.0	200.0	H	75.0	27.9	9.1	17.0	54
4832.500000	40.8	200.0	V	101.0	29.3	11.5	13.2	54
5766.875000	53.7	200.0	V	291.0	40.0	13.7	0.3	54
6055.000000	46.4	200.0	V	84.0	31.5	14.9	7.6	54
6920.000000	51.4	200.0	V	0.0	35.2	16.2	2.6	54

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

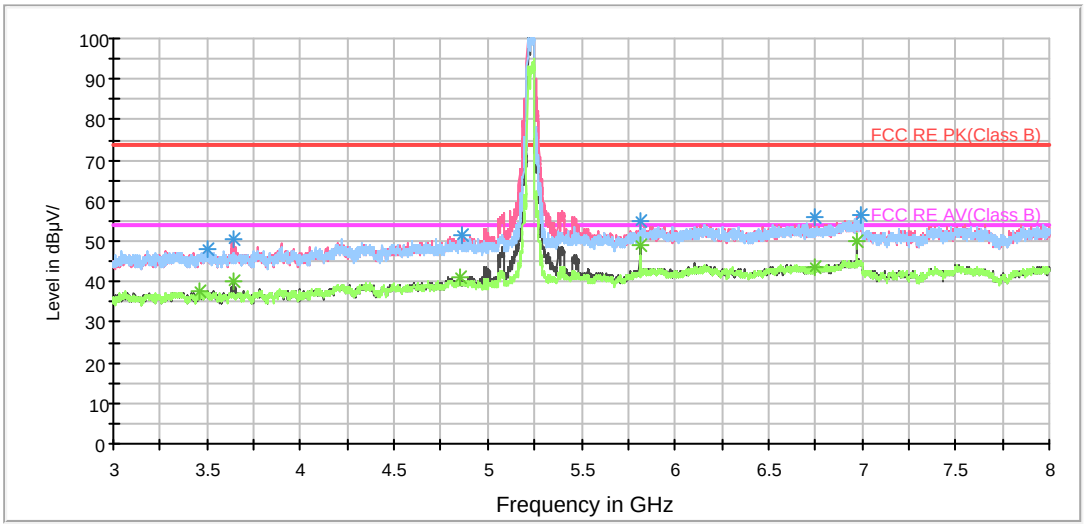
802.11n (HT40) CH46

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

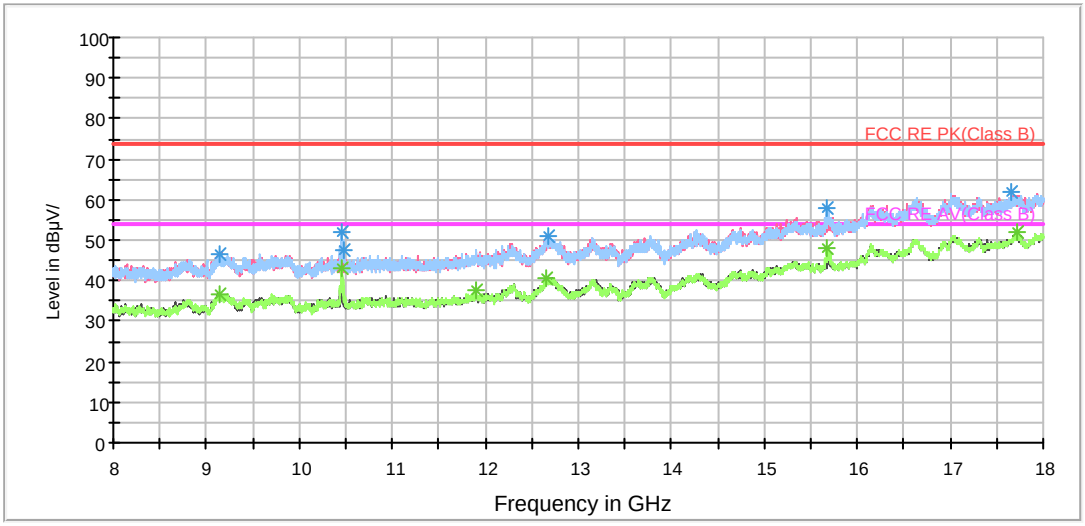
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

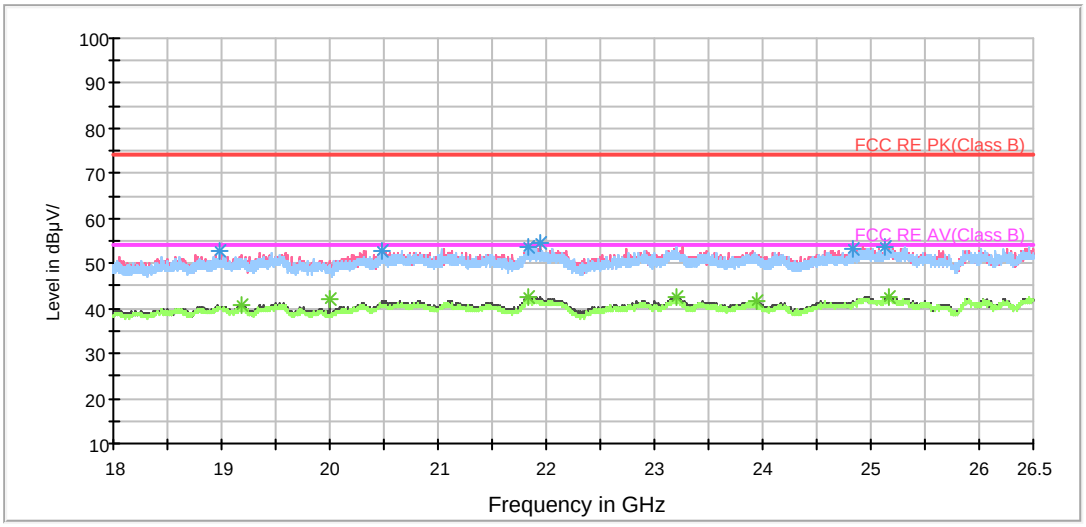
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



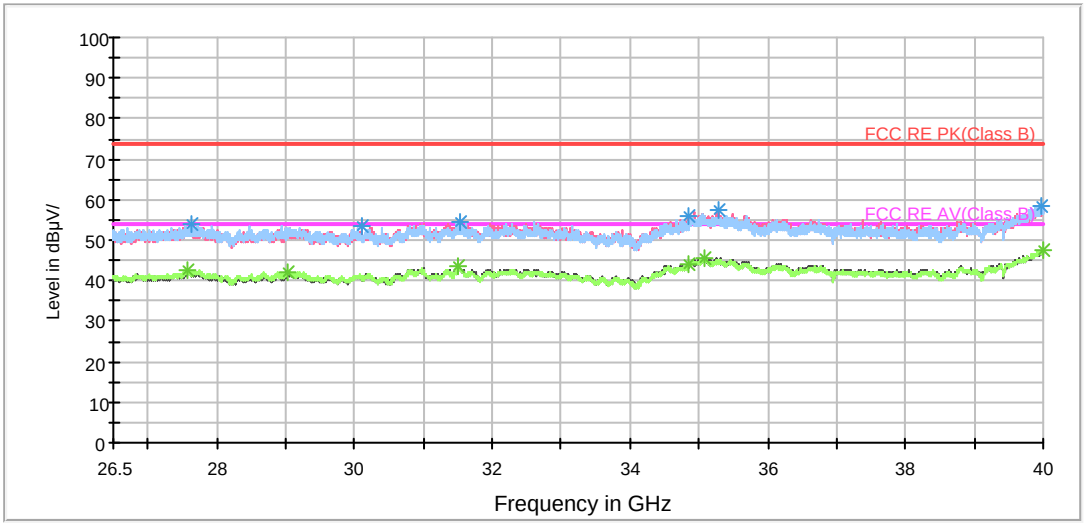
Radiates Emission from 8GHz to 18GHz

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)
3508.125000	48.1	200.0	V	351.0	40.1	8.0	25.9	74
3644.375000	50.6	200.0	V	243.0	42.4	8.2	23.4	74
4859.375000	51.6	200.0	V	140.0	39.9	11.7	22.4	74
5811.250000	54.8	200.0	V	351.0	40.4	14.4	19.2	74
6743.750000	55.8	200.0	V	0.0	40.3	15.5	18.2	74
6993.750000	56.3	200.0	H	138.0	39.8	16.5	17.7	74

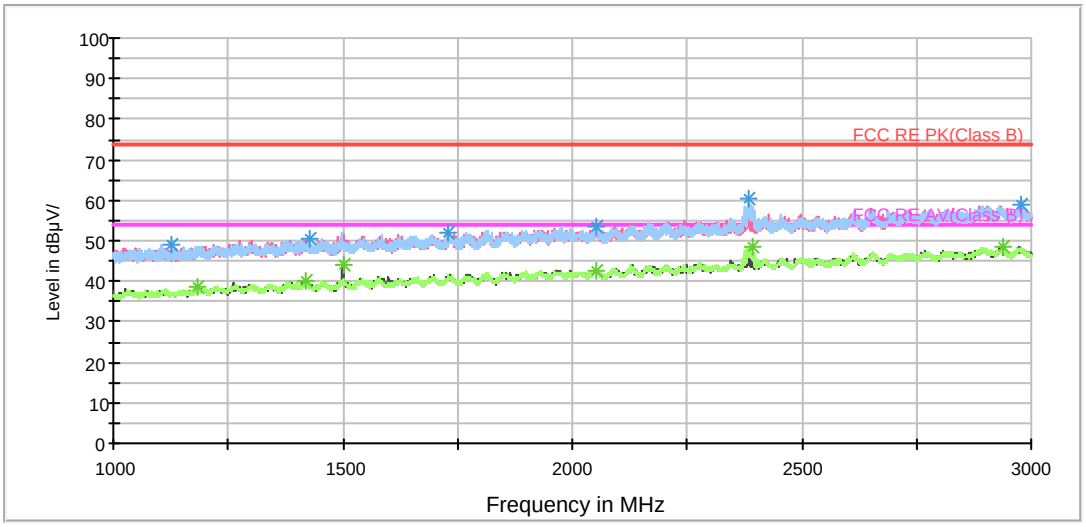
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3465.000000	37.6	200.0	H	0.0	29.7	7.9	16.4	54
3640.000000	40.2	200.0	V	310.0	32.0	8.2	13.8	54
4851.875000	40.9	200.0	V	93.0	29.3	11.6	13.1	54
5811.250000	49.2	200.0	V	351.0	34.8	14.4	4.8	54
6743.750000	43.7	200.0	V	0.0	28.2	15.5	10.3	54
6973.750000	49.9	200.0	V	0.0	33.6	16.3	4.1	54

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

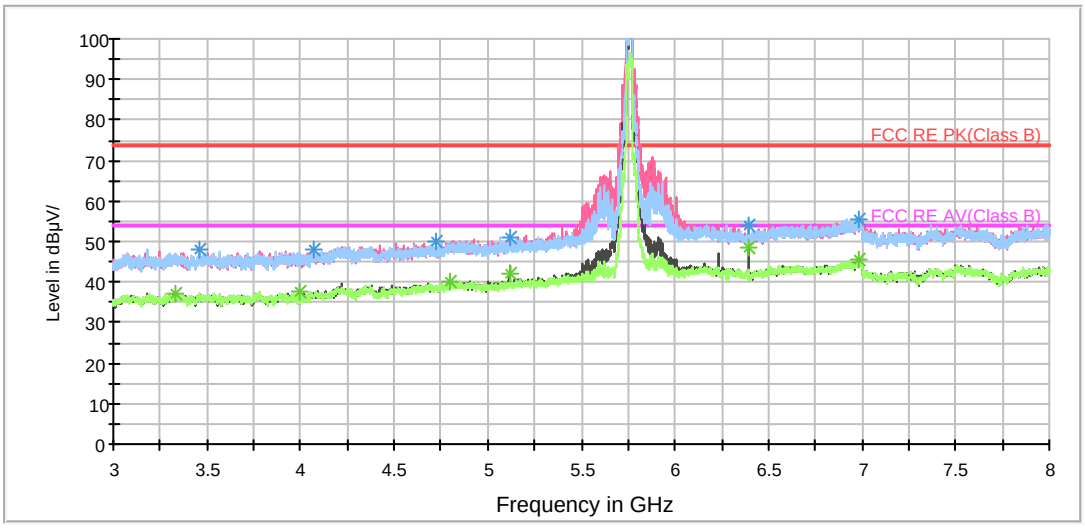
802.11n (HT40) CH151

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

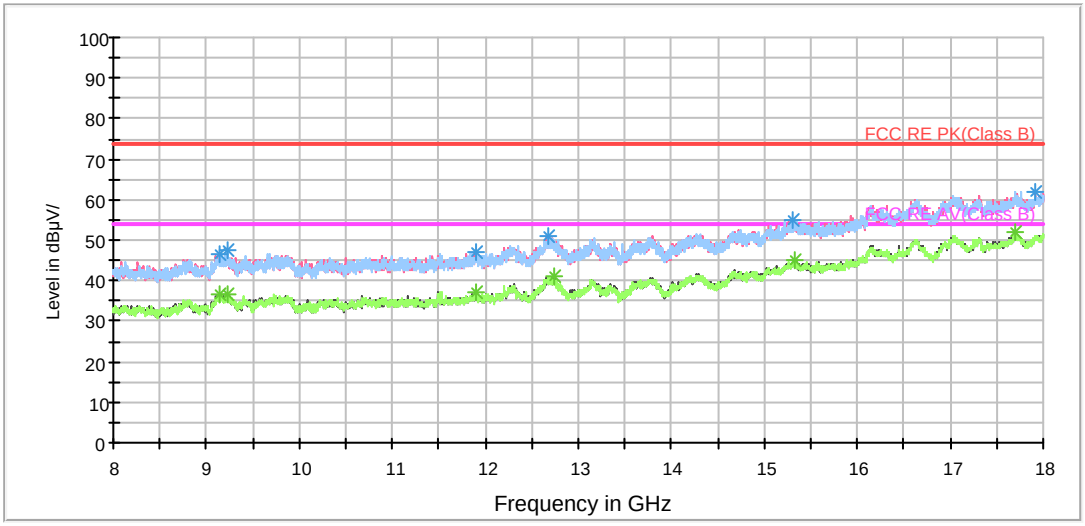
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

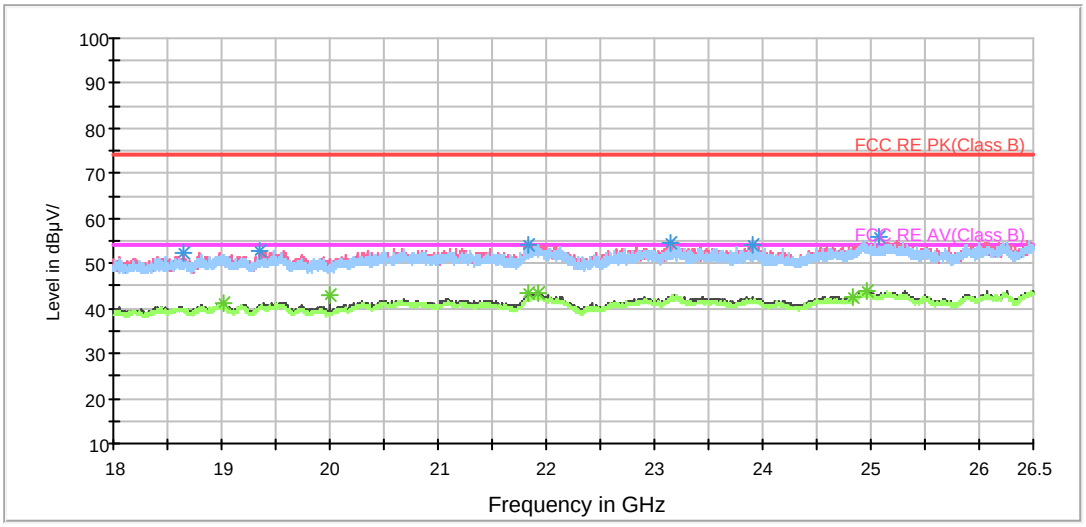
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



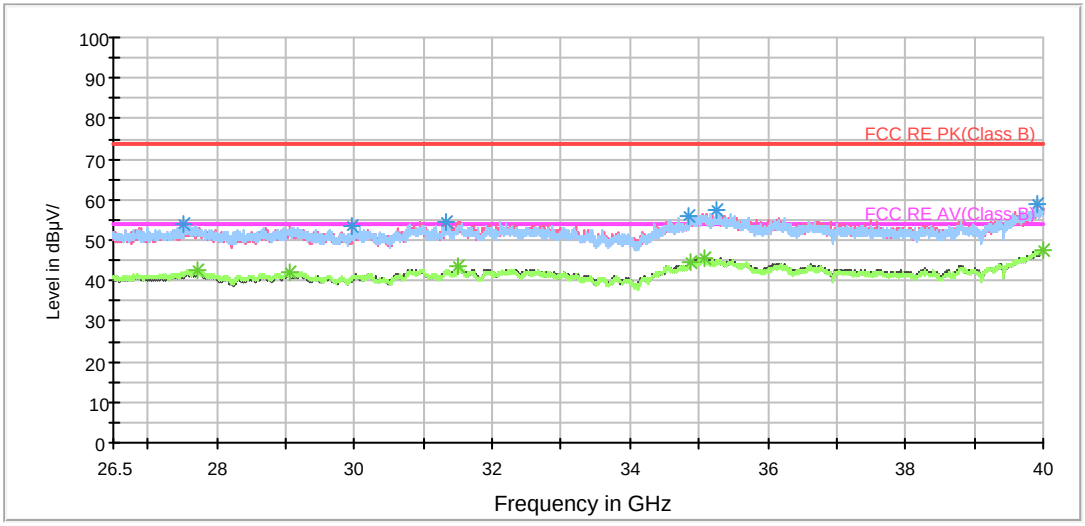
Radiates Emission from 8GHz to 18GHz

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)
3460.625000	48.0	200.0	H	43.0	40.2	7.8	26.0	74
4066.250000	47.8	200.0	H	314.0	38.8	9.0	26.2	74
4721.250000	50.1	200.0	H	216.0	39.3	10.8	23.9	74
5115.000000	50.8	200.0	V	233.0	39.0	11.8	23.2	74
6394.375000	53.9	200.0	V	217.0	39.0	14.9	20.1	74
6981.875000	55.7	200.0	V	272.0	39.3	16.4	18.3	74

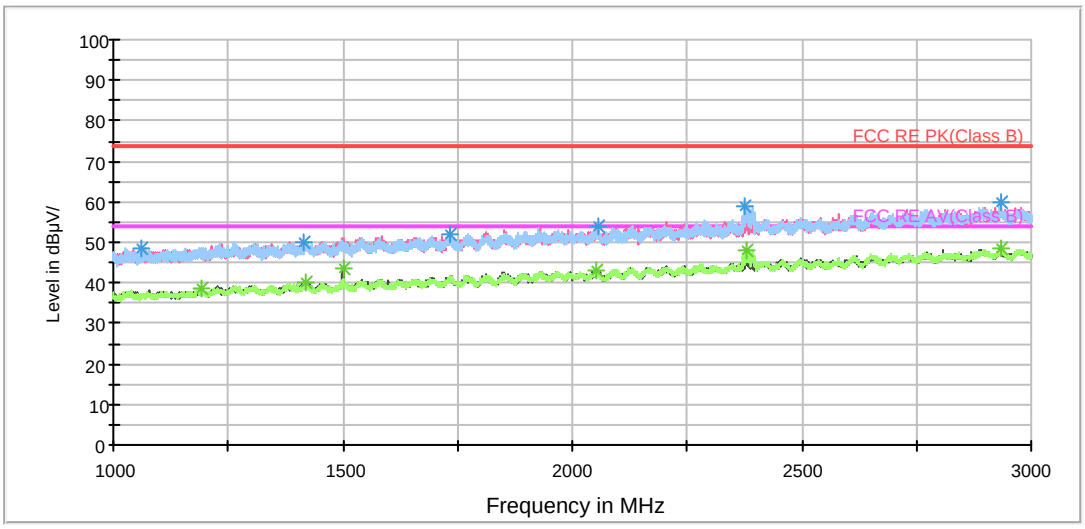
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3333.125000	37.2	200.0	V	358.0	29.5	7.7	16.8	54
3999.375000	37.8	200.0	H	257.0	28.9	8.9	16.2	54
4794.375000	40.1	200.0	V	167.0	28.9	11.2	13.9	54
5115.000000	42.2	200.0	V	233.0	30.4	11.8	11.8	54
6395.000000	48.3	200.0	V	217.0	33.4	14.9	5.7	54
6984.375000	45.5	200.0	V	233.0	29.1	16.4	8.5	54

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

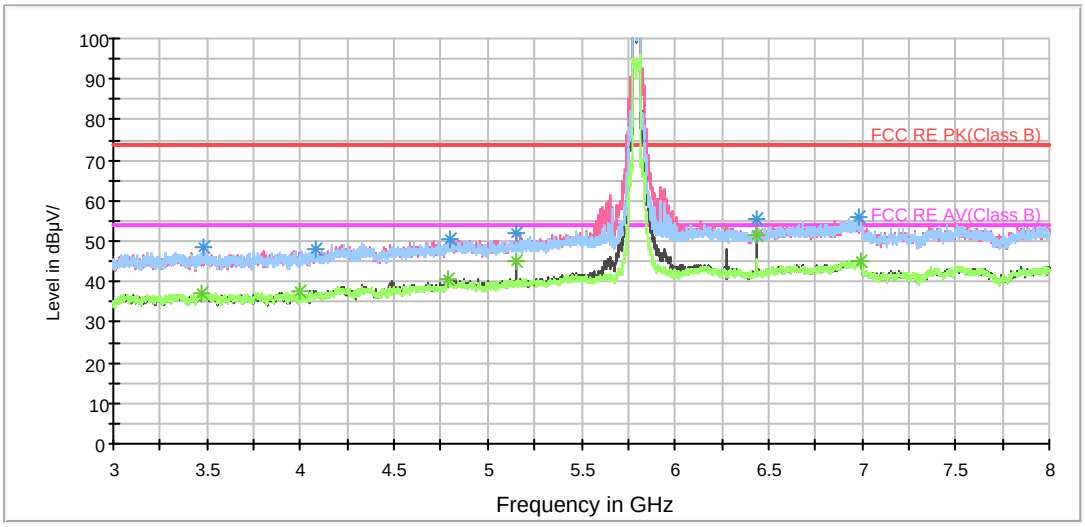
802.11n (HT40) CH159

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

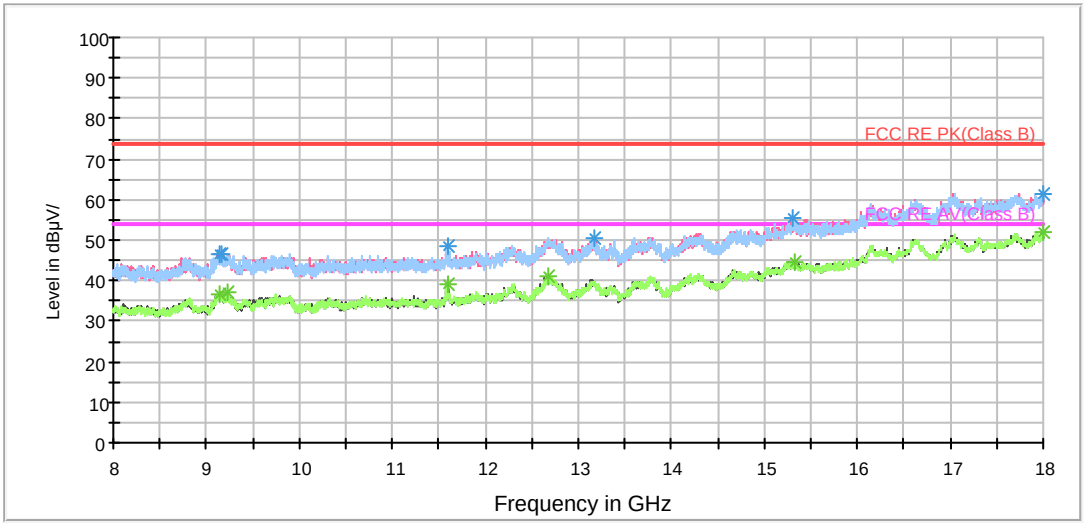
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

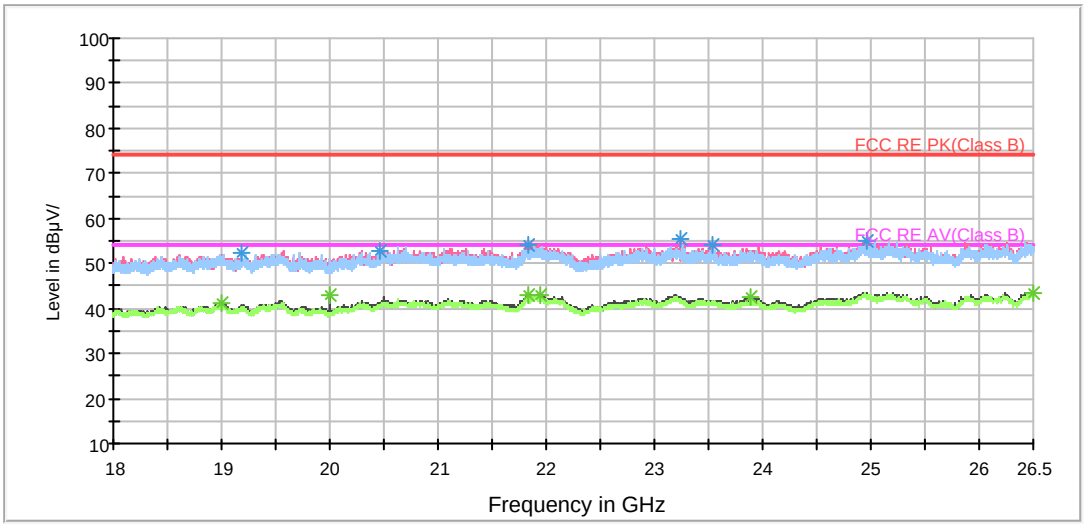
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



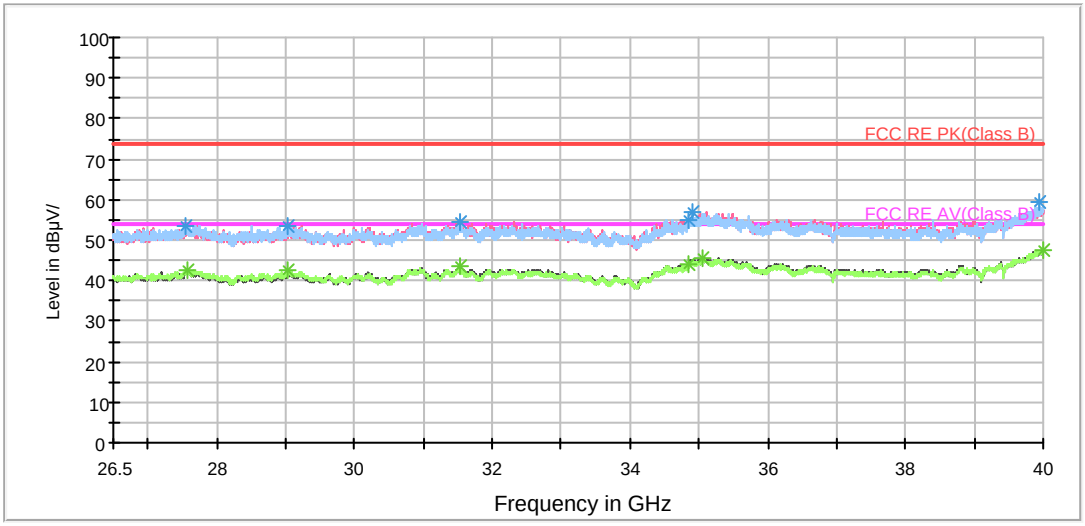
Radiates Emission from 8GHz to 18GHz

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)
3483.750000	48.5	200.0	V	243.0	40.5	8.0	25.5	74
4083.125000	47.9	200.0	H	288.0	38.8	9.1	26.1	74
4801.250000	50.3	200.0	H	358.0	39.0	11.3	23.7	74
5151.250000	52.0	200.0	V	243.0	40.0	12.0	22.0	74
6439.375000	55.6	200.0	V	210.0	40.6	15.0	18.4	74
6978.125000	55.9	200.0	H	43.0	39.6	16.3	18.1	74

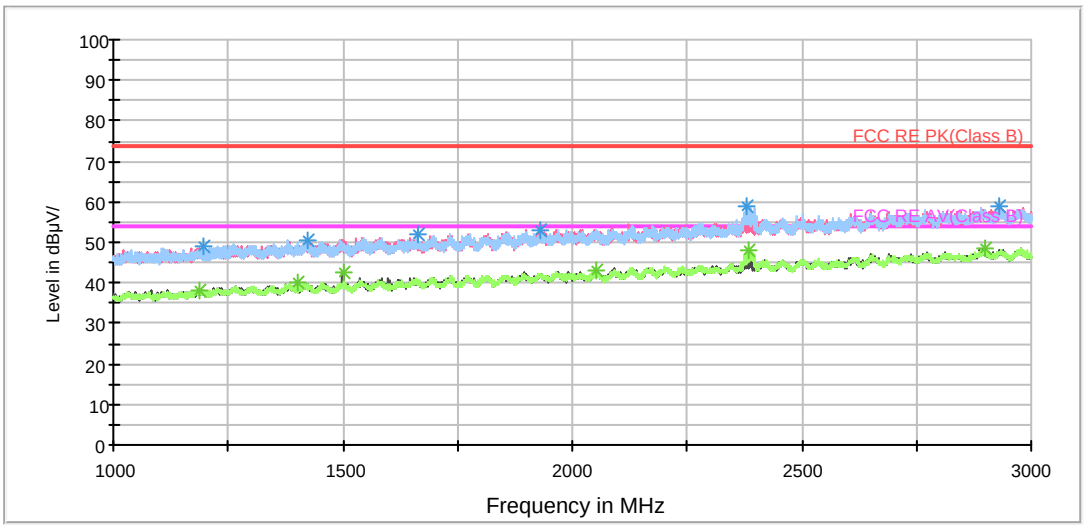
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3466.250000	37.1	200.0	V	317.0	29.2	7.9	16.9	54
4000.000000	37.6	200.0	H	238.0	28.7	8.9	16.4	54
4791.250000	40.7	200.0	H	213.0	29.5	11.2	13.3	54
5151.250000	45.1	200.0	V	243.0	33.1	12.0	8.9	54
6438.750000	51.3	200.0	V	210.0	36.3	15.0	2.7	54
6992.500000	45.2	200.0	V	219.0	28.7	16.5	8.8	54

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

802.11ac (HT20) CH36

RE 1G-3GHz PK+AV



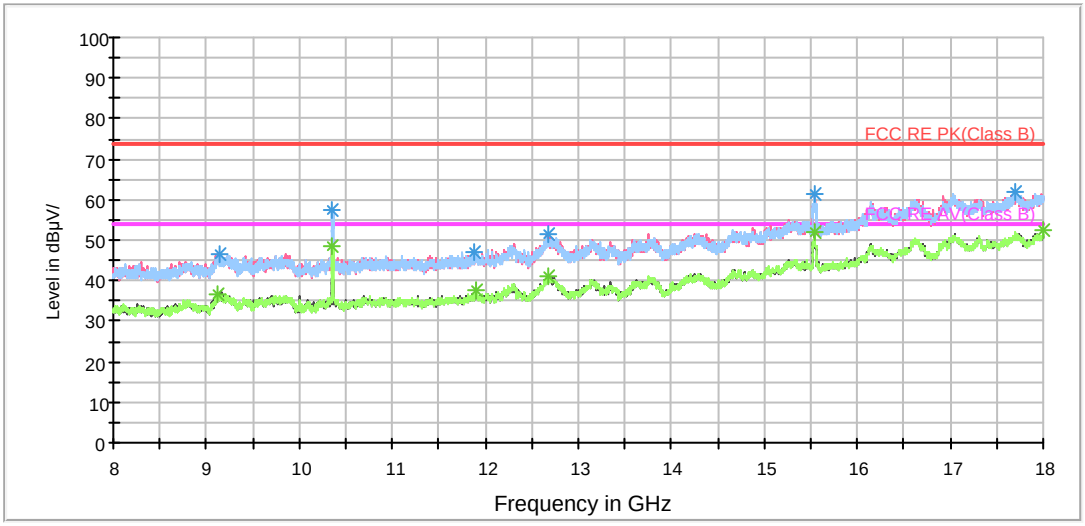
Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV

Note: The signal beyond the limit is carrier.

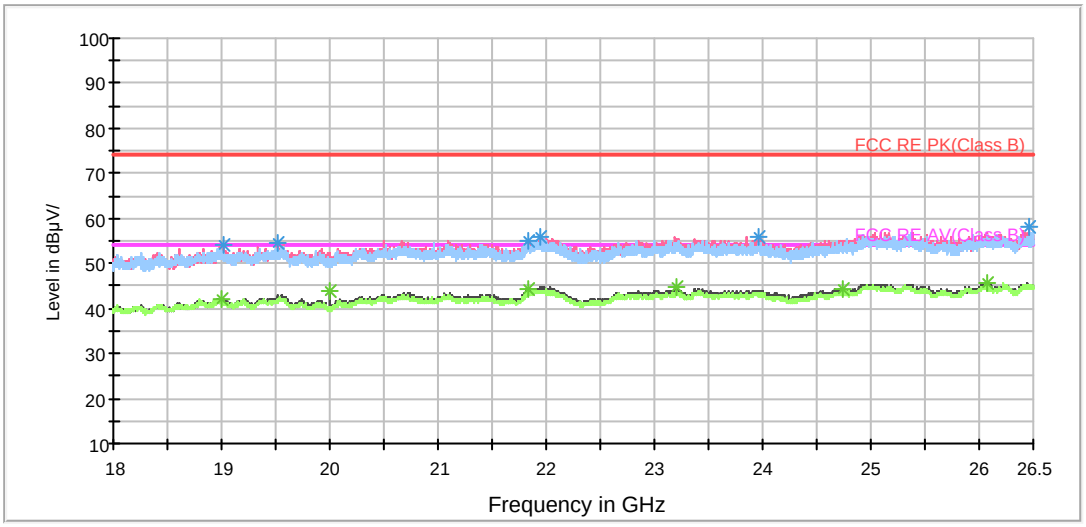
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



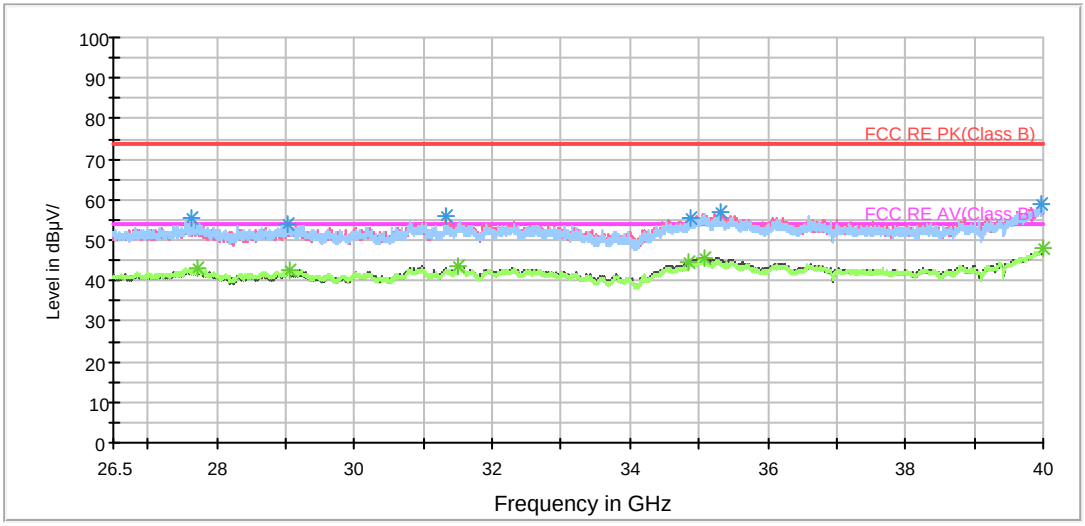
Radiates Emission from 8GHz to 18GHz

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)
3485.000000	48.5	200.0	V	300.0	40.5	8.0	25.5	74
4154.375000	49.0	200.0	H	151.0	39.1	9.9	25.0	74
4896.875000	51.8	200.0	V	300.0	39.9	11.9	22.2	74
5755.625000	52.2	200.0	V	0.0	38.6	13.6	21.8	74
6550.625000	55.0	200.0	H	300.0	39.4	15.6	19.0	74
6906.875000	57.2	200.0	V	316.0	40.9	16.3	16.8	74

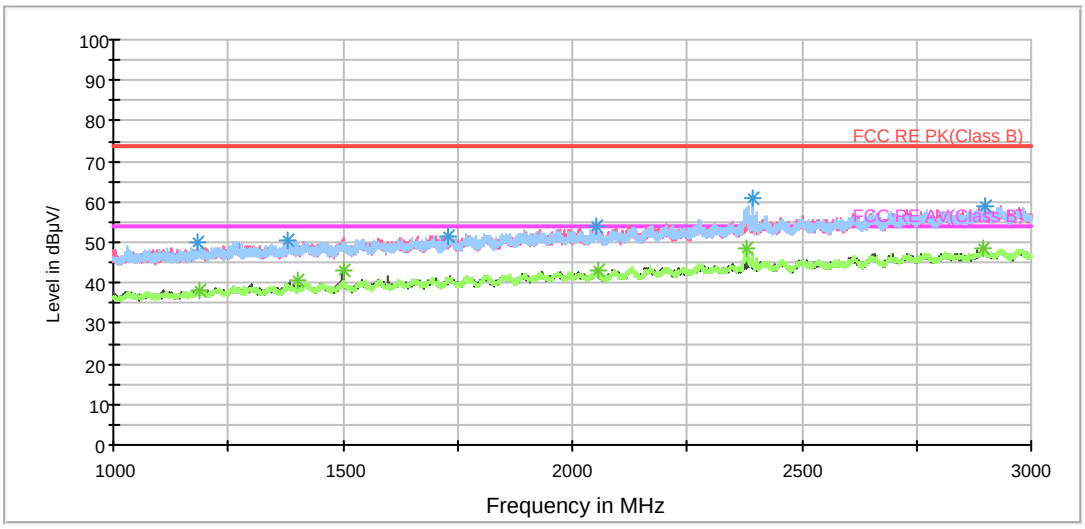
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3469.375000	37.9	200.0	H	80.0	30.0	7.9	16.1	54
4000.000000	38.8	200.0	V	0.0	29.9	8.9	15.2	54
4892.500000	43.1	200.0	V	324.0	31.2	11.9	10.9	54
5755.625000	45.5	200.0	V	0.0	31.9	13.6	8.5	54
6550.625000	42.8	200.0	H	300.0	27.2	15.6	11.2	54
6906.875000	50.6	200.0	V	316.0	34.3	16.3	3.4	54

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

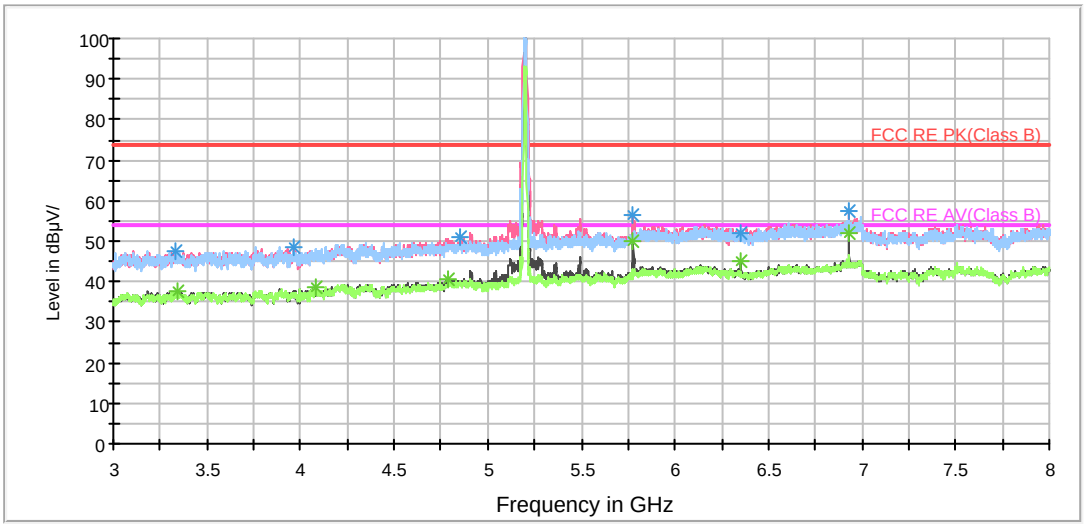
802.11ac (HT20) CH40

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

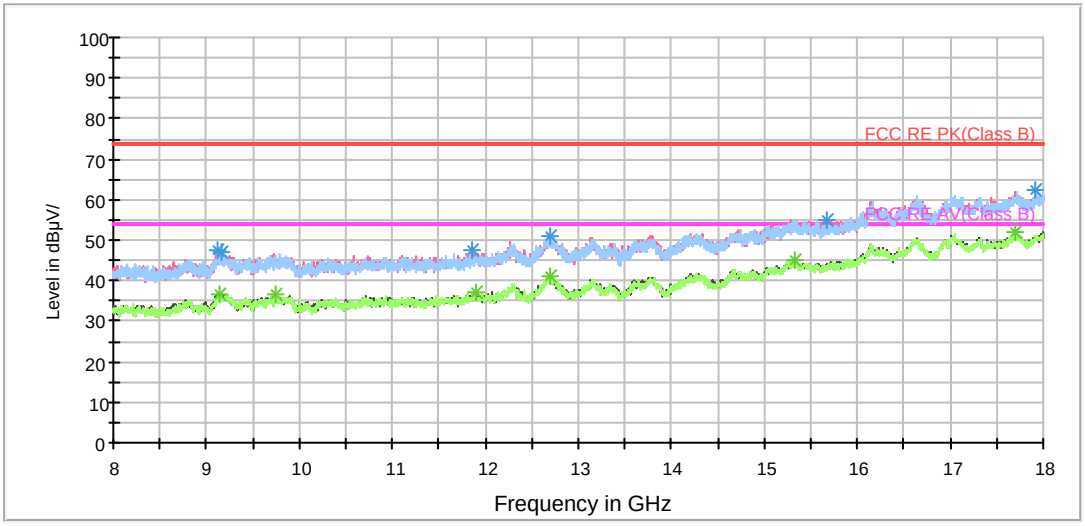
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

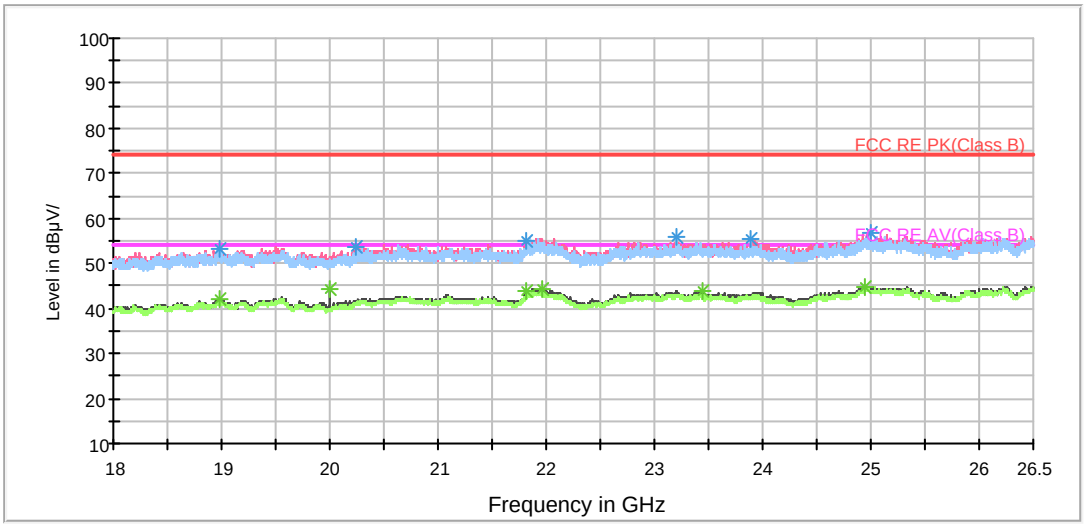
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



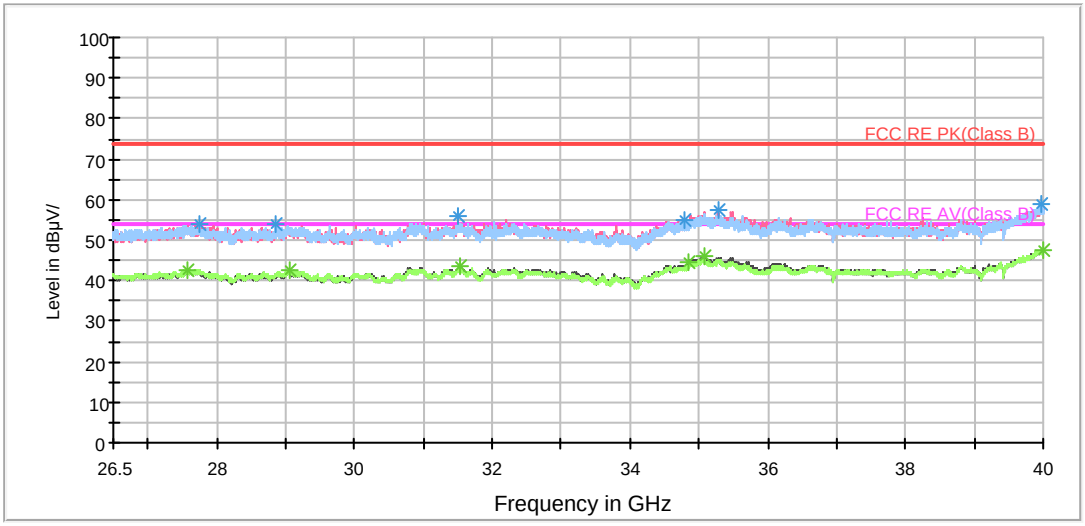
Radiates Emission from 8GHz to 18GHz

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)
3332.500000	47.6	200.0	H	197.0	39.8	7.8	26.4	74
3968.125000	48.7	200.0	V	316.0	39.6	9.1	25.3	74
4848.750000	50.9	200.0	V	120.0	39.3	11.6	23.1	74
5778.125000	56.4	200.0	V	72.0	42.5	13.9	17.6	74
6355.625000	51.9	200.0	V	36.0	36.8	15.1	22.1	74
6933.125000	57.5	200.0	V	0.0	41.3	16.2	16.5	74

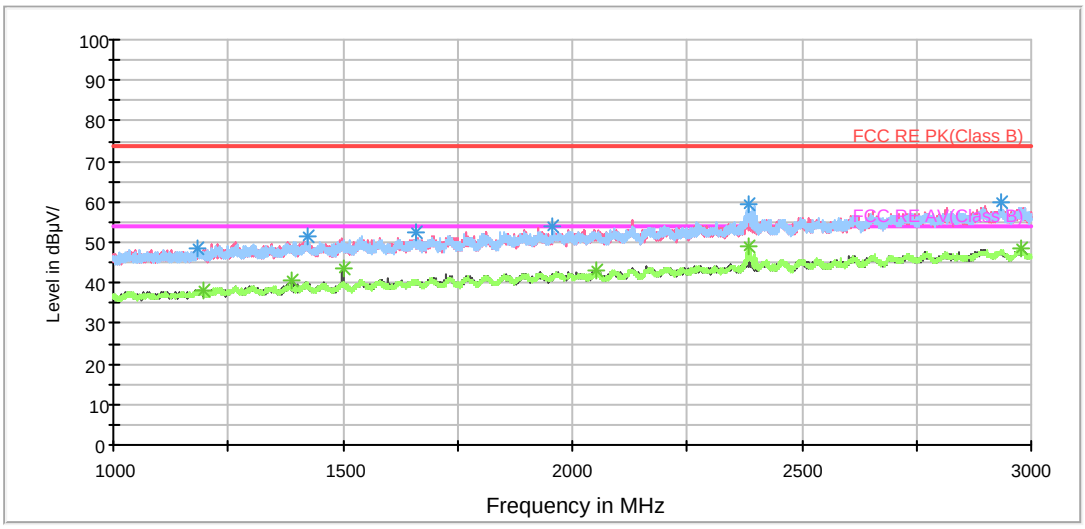
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3344.375000	37.5	200.0	H	0.0	29.9	7.6	16.5	54
4083.125000	38.8	200.0	V	339.0	29.7	9.1	15.2	54
4786.875000	40.5	200.0	H	313.0	29.4	11.1	13.5	54
5778.125000	49.8	200.0	V	72.0	35.9	13.9	4.2	54
6355.625000	44.9	200.0	V	36.0	29.8	15.1	9.1	54
6933.750000	52.1	200.0	V	0.0	35.9	16.2	1.9	54

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

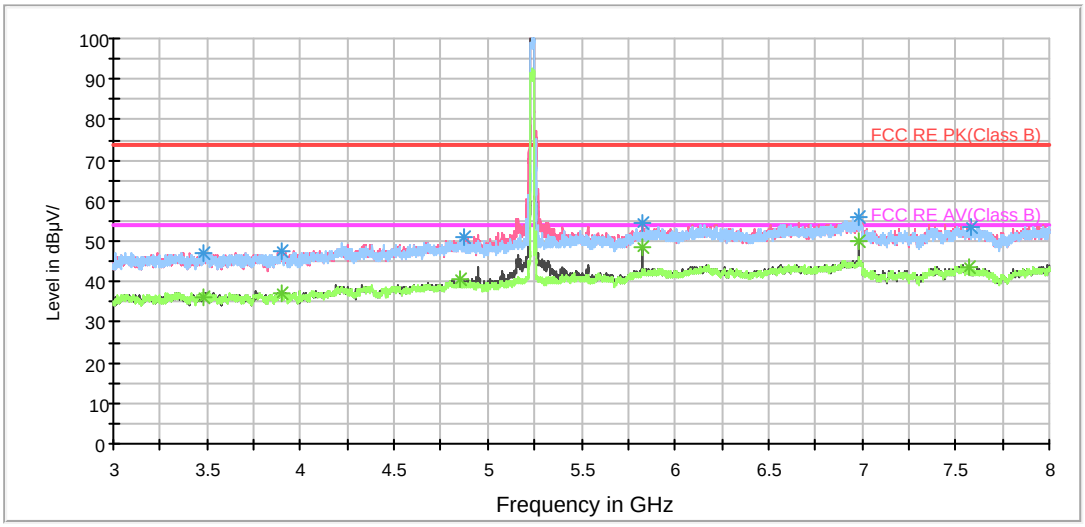
802.11ac (HT20) CH48

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

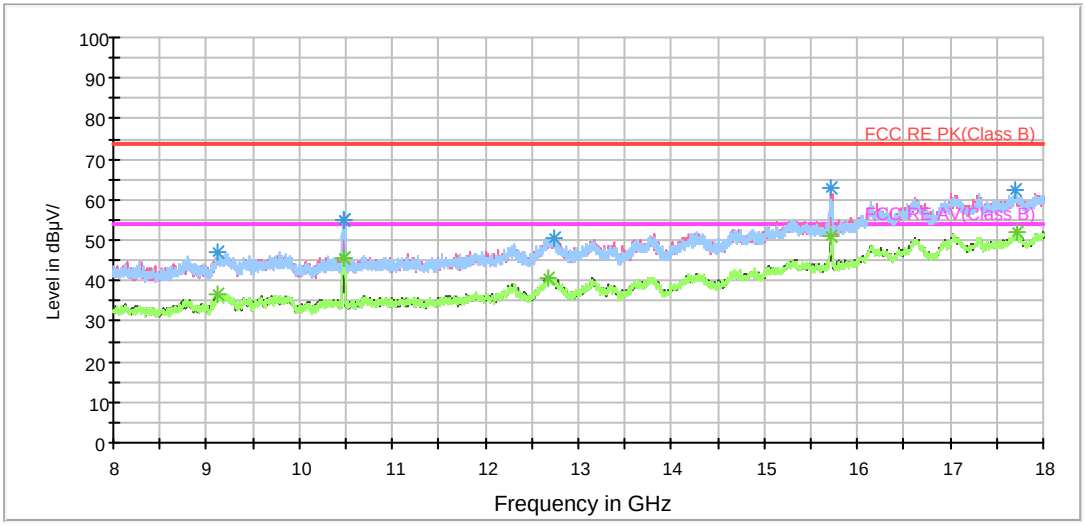
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

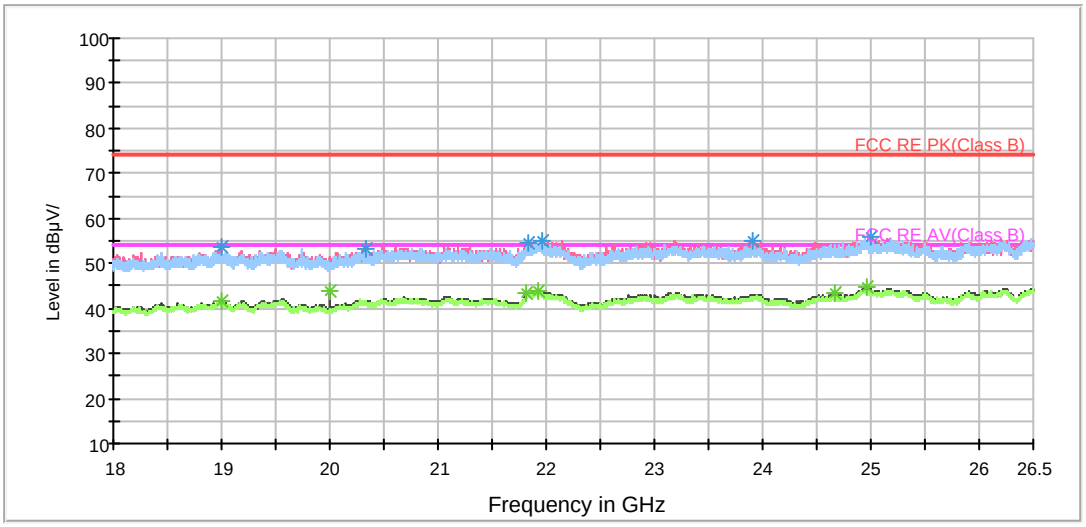
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



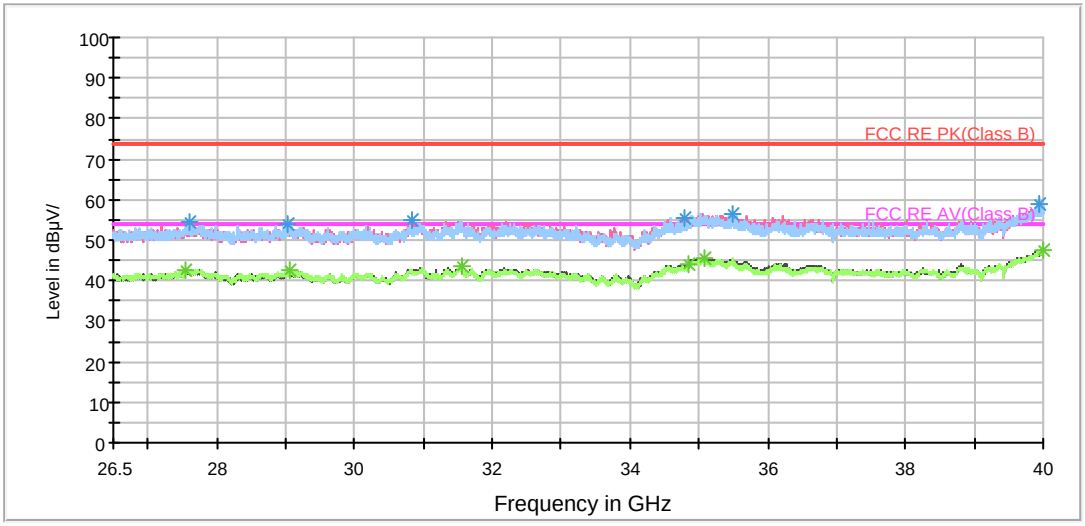
Radiates Emission from 8GHz to 18GHz

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)
3483.750000	47.2	200.0	H	63.0	39.2	8.0	26.8	74
3897.500000	47.5	200.0	V	280.0	38.8	8.7	26.5	74
4869.375000	50.8	200.0	V	46.0	39.0	11.8	23.2	74
5821.875000	54.4	200.0	V	265.0	39.9	14.5	19.6	74
6986.875000	55.8	200.0	V	328.0	39.4	16.4	18.2	74
7583.750000	53.4	200.0	V	177.0	36.3	17.1	20.6	74

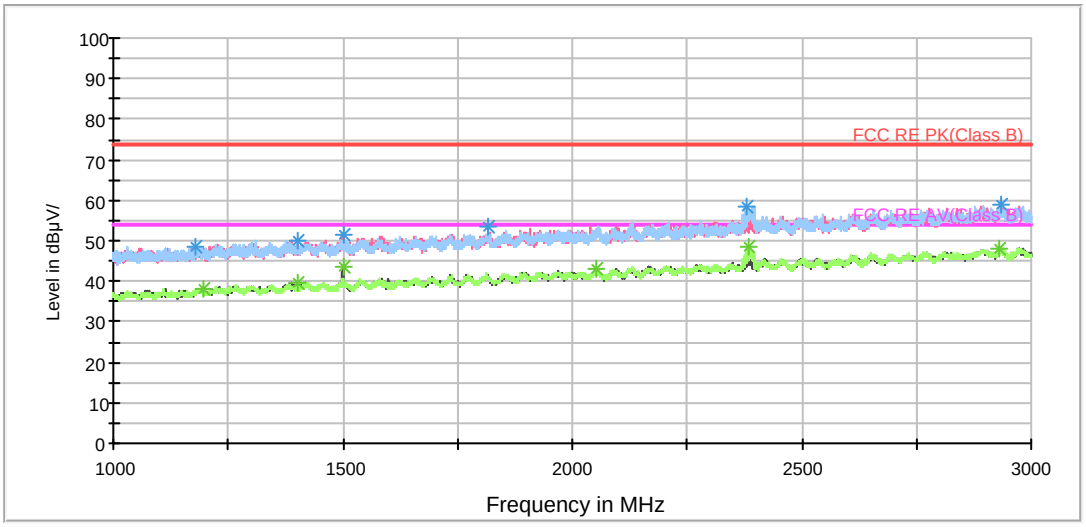
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3483.750000	36.1	200.0	H	63.0	28.1	8.0	17.9	54
3897.500000	36.9	200.0	V	280.0	28.2	8.7	17.1	54
4851.250000	40.5	200.0	V	0.0	28.9	11.6	13.5	54
5822.500000	48.6	200.0	V	257.0	34.1	14.5	5.4	54
6986.875000	50.2	200.0	V	328.0	33.8	16.4	3.8	54
7573.750000	43.8	200.0	H	188.0	26.7	17.1	10.2	54

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

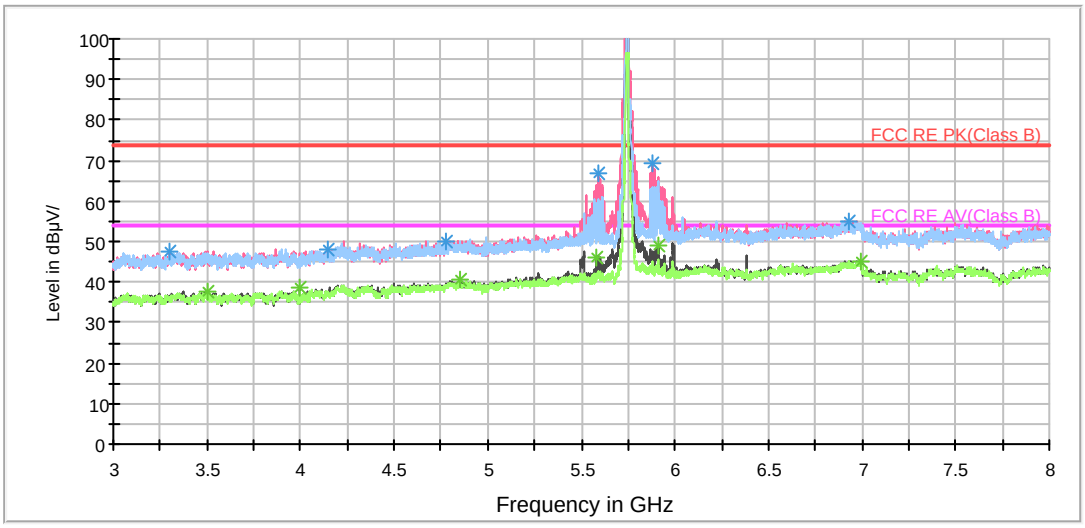
802.11ac (HT20) CH149

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

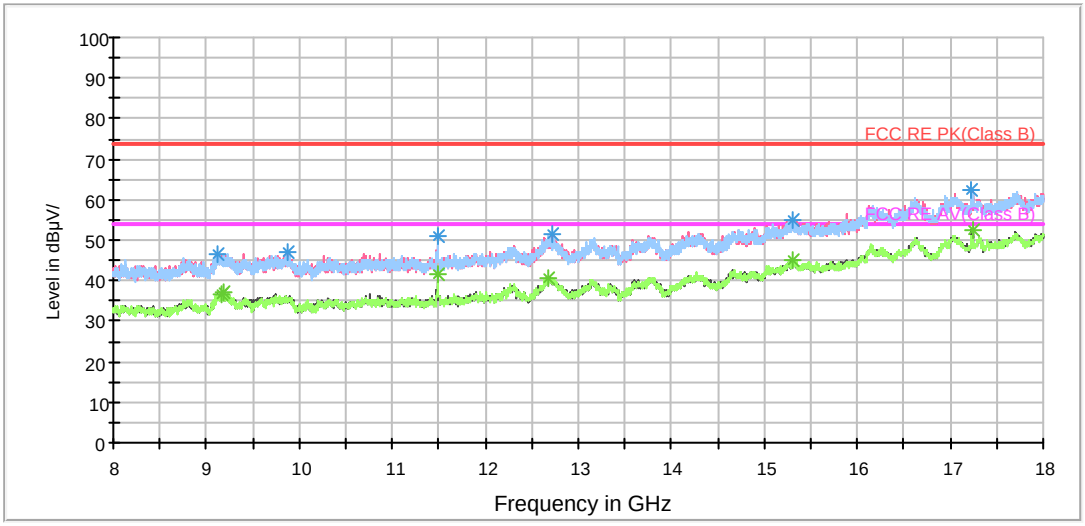
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

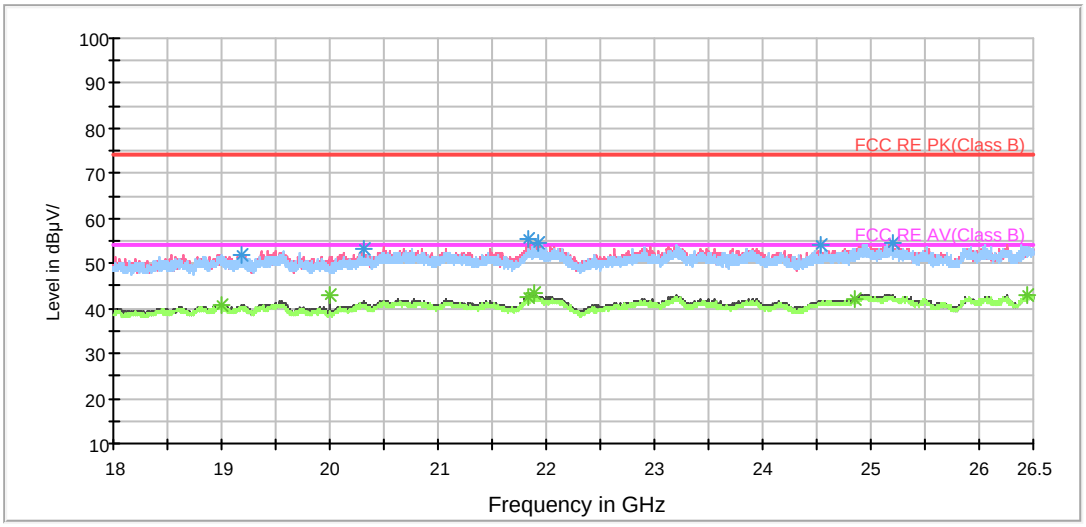
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



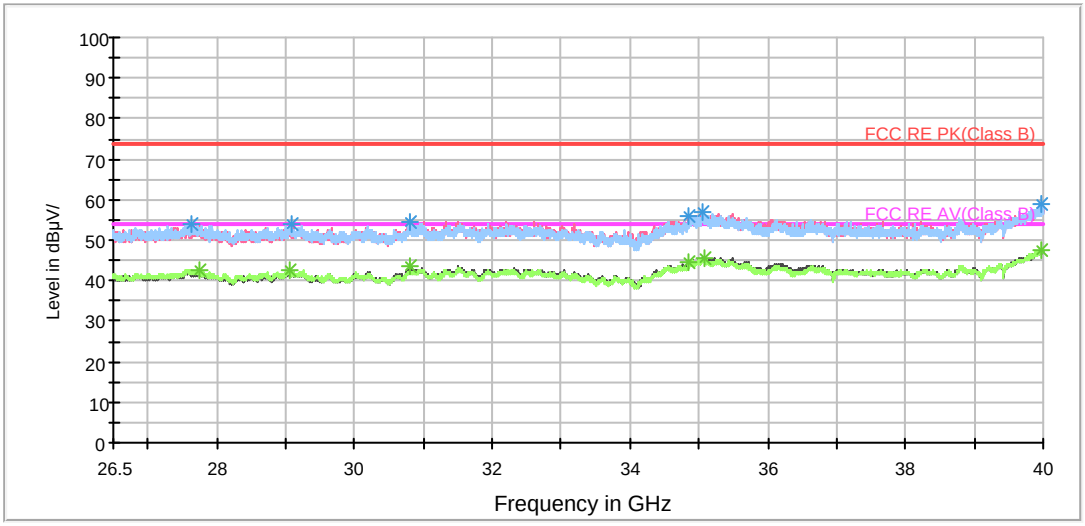
Radiates Emission from 8GHz to 18GHz

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)
3300.000000	47.6	200.0	V	71.0	39.8	7.8	26.4	74
4144.375000	47.9	200.0	H	123.0	38.1	9.8	26.1	74
4775.000000	50.2	200.0	V	343.0	39.1	11.1	23.8	74
5586.875000	66.6	200.0	V	336.0	53.2	13.4	7.4	74
5875.625000	69.3	200.0	V	0.0	54.4	14.9	4.7	74
6933.750000	55.1	200.0	V	256.0	38.9	16.2	18.9	74

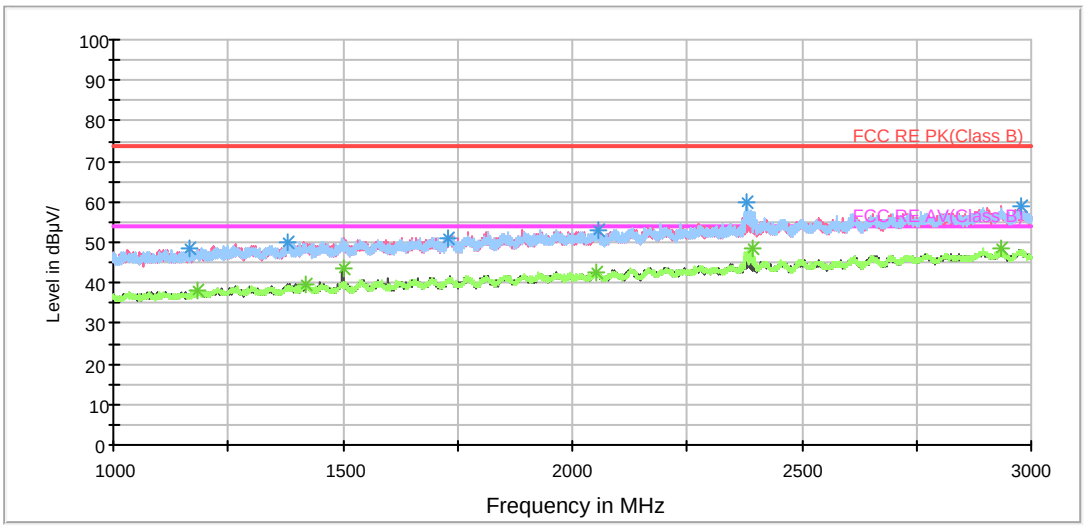
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3505.625000	37.7	200.0	H	51.0	29.8	7.9	16.3	54
4000.000000	38.6	200.0	V	336.0	29.7	8.9	15.4	54
4847.500000	40.5	200.0	V	215.0	28.9	11.6	13.5	54
5585.625000	46.1	200.0	V	288.0	32.7	13.4	7.9	54
5908.125000	48.8	200.0	V	71.0	34.0	14.8	5.2	54
6995.625000	45.2	200.0	H	19.0	28.7	16.5	8.8	54

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

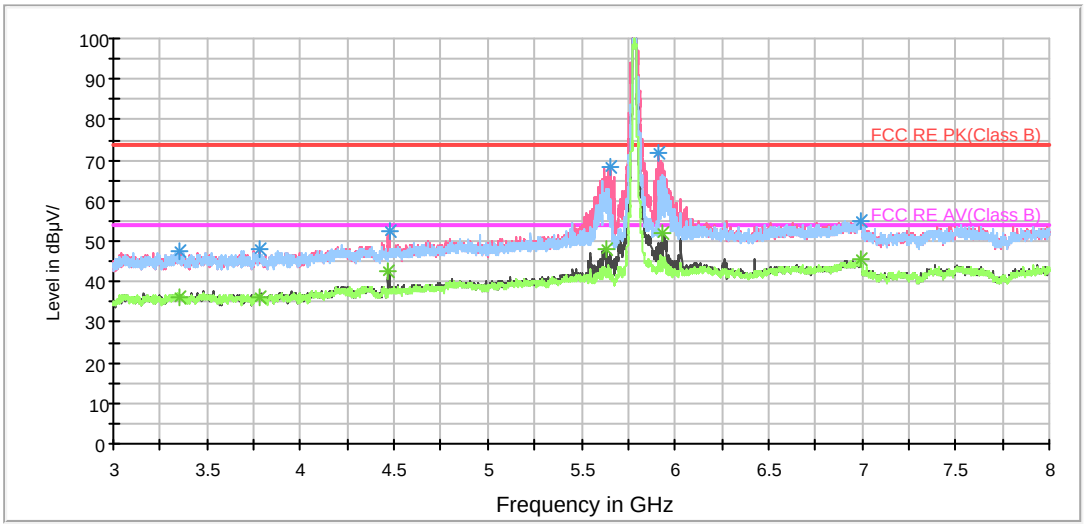
802.11ac (HT20) CH157

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

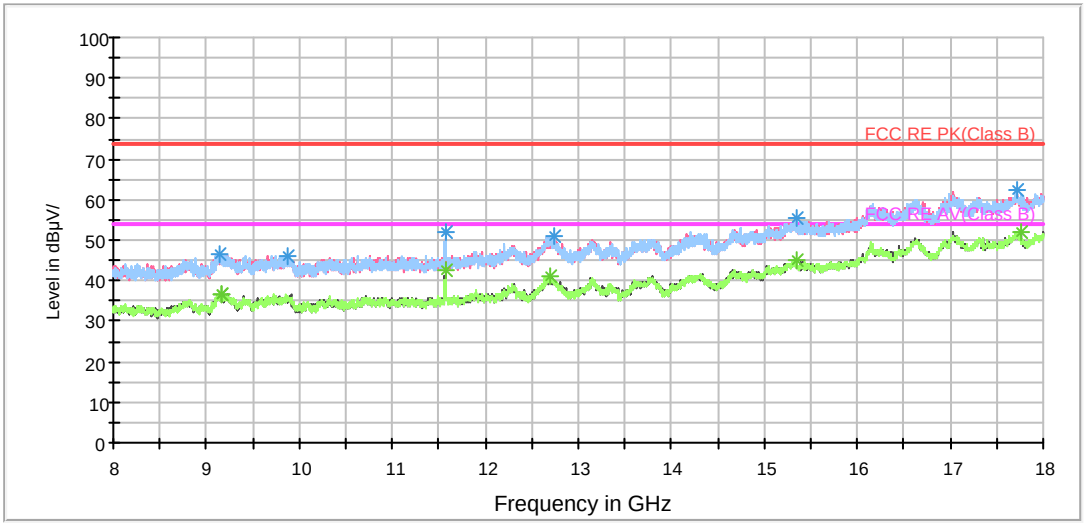
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

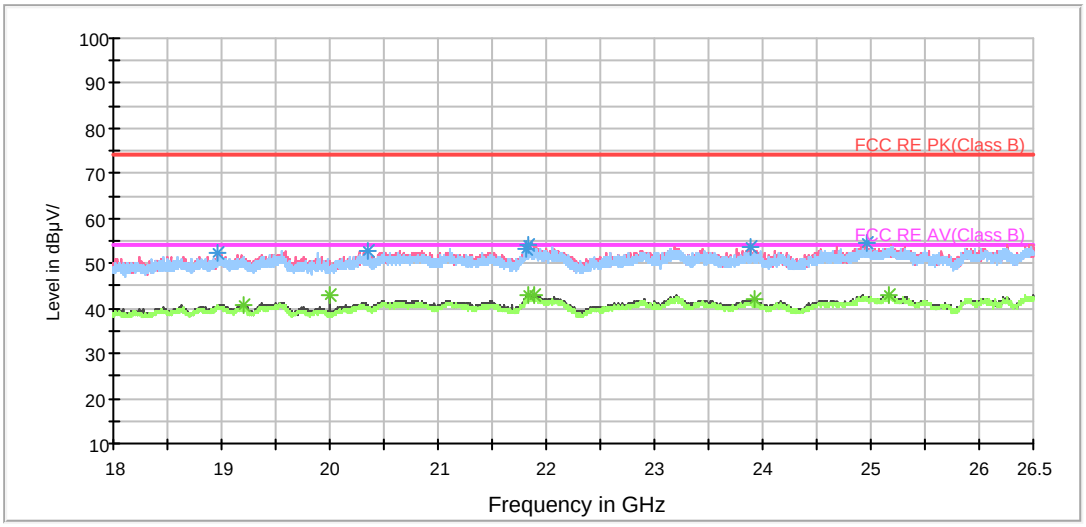
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



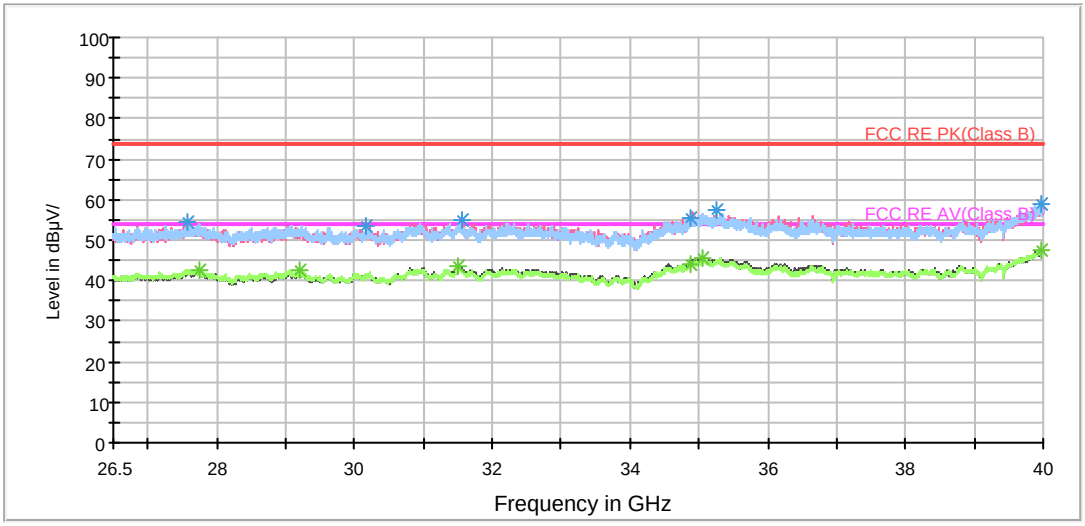
Radiates Emission from 8GHz to 18GHz

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)
3355.000000	47.3	200.0	V	215.0	39.6	7.7	26.7	74
3782.500000	48.2	200.0	V	231.0	40.0	8.2	25.8	74
4473.750000	52.4	200.0	V	254.0	41.9	10.5	21.6	74
5653.750000	68.5	200.0	V	159.0	55.1	13.4	5.5	74
5915.000000	71.7	200.0	V	46.0	56.8	14.9	2.3	74
6991.875000	55.2	200.0	V	119.0	38.7	16.5	18.8	74

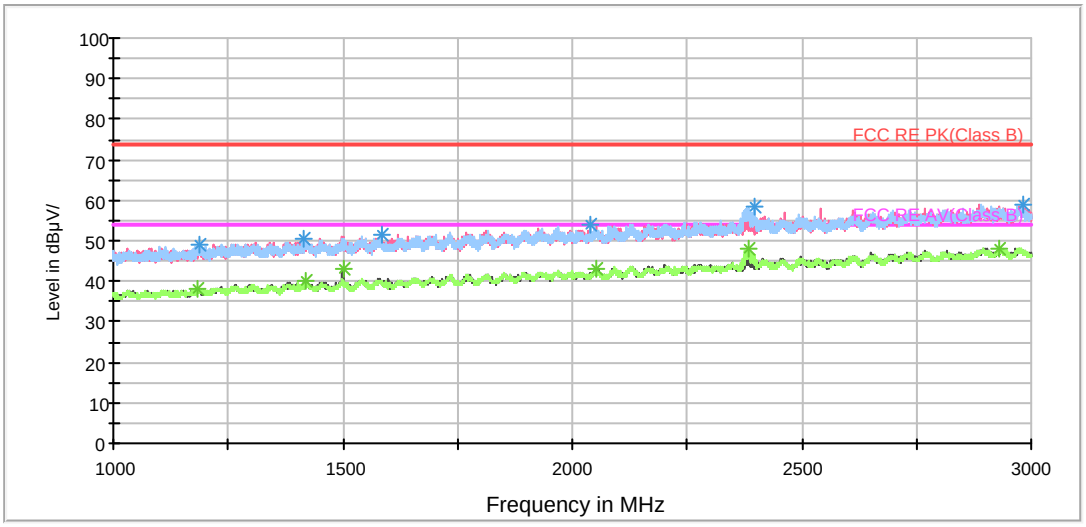
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3355.000000	36.1	200.0	V	215.0	28.4	7.7	17.9	54
3782.500000	36.3	200.0	V	231.0	28.1	8.2	17.7	54
4471.250000	42.6	200.0	V	254.0	32.2	10.4	11.4	54
5630.000000	48.1	200.0	V	325.0	34.8	13.3	5.9	54
5938.750000	51.9	200.0	V	325.0	37.1	14.8	2.1	54
6993.125000	45.5	200.0	H	186.0	29.0	16.5	8.5	54

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

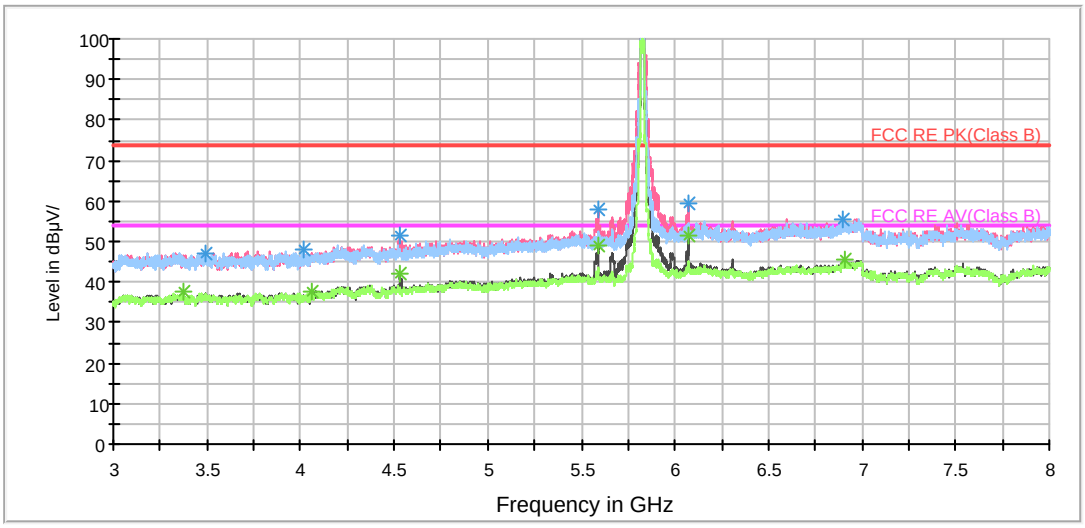
802.11ac (HT20) CH165

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

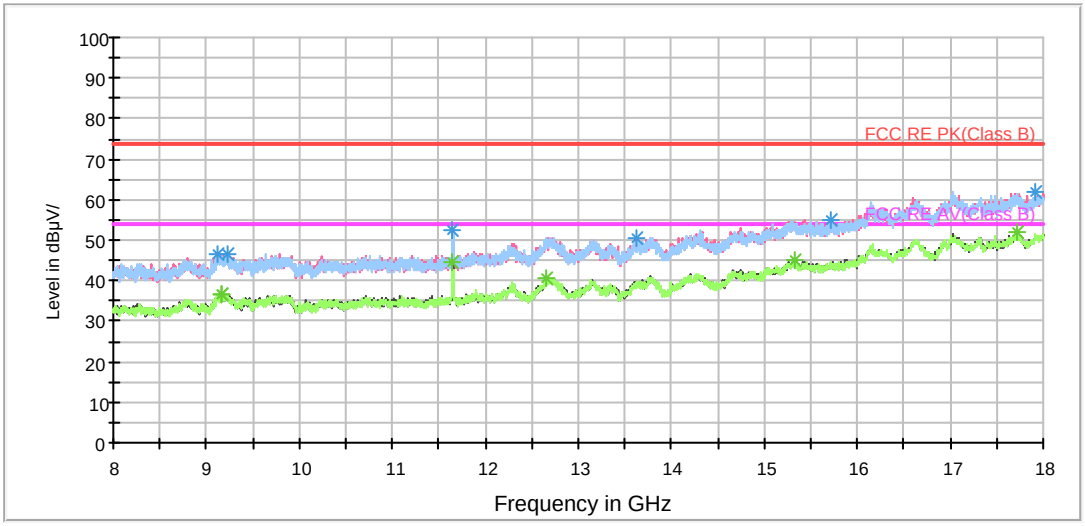
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

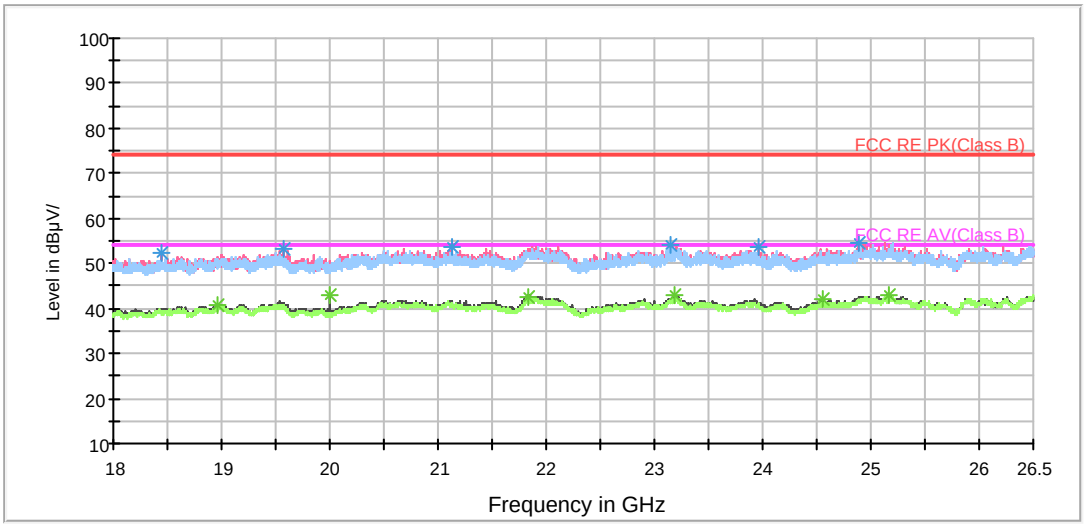
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



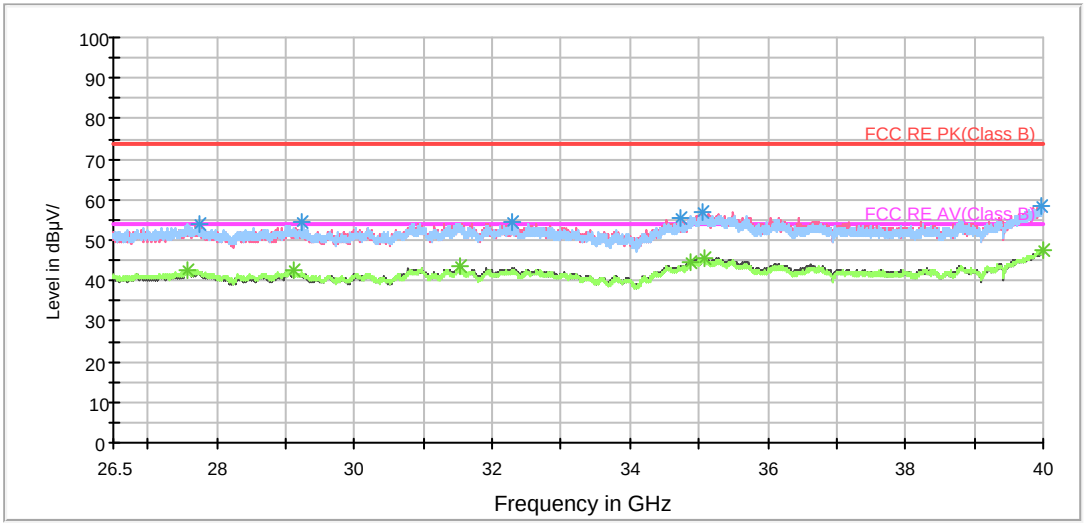
Radiates Emission from 8GHz to 18GHz

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)
3495.000000	47.3	200.0	V	237.0	39.4	7.9	26.7	74
4016.250000	48.0	200.0	H	80.0	39.2	8.8	26.0	74
4533.125000	51.5	200.0	V	253.0	40.9	10.6	22.5	74
5589.375000	58.1	200.0	V	269.0	44.7	13.4	15.9	74
6075.625000	59.6	200.0	V	229.0	44.4	15.2	14.4	74
6898.125000	55.7	200.0	H	224.0	39.5	16.2	18.3	74

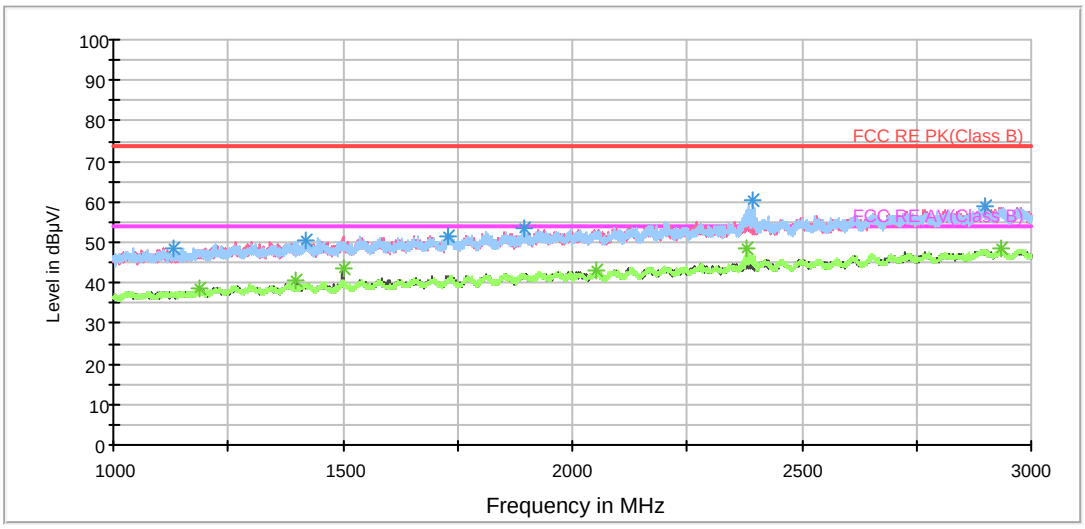
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3371.250000	37.5	200.0	V	245.0	30.0	7.5	16.5	54
4058.125000	37.6	200.0	V	348.0	28.7	8.9	16.4	54
4531.875000	42.0	200.0	V	253.0	31.4	10.6	12.0	54
5589.375000	48.8	200.0	V	269.0	35.4	13.4	5.2	54
6075.000000	51.3	200.0	V	325.0	36.1	15.2	2.7	54
6905.625000	45.7	200.0	V	253.0	29.4	16.3	8.3	54

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

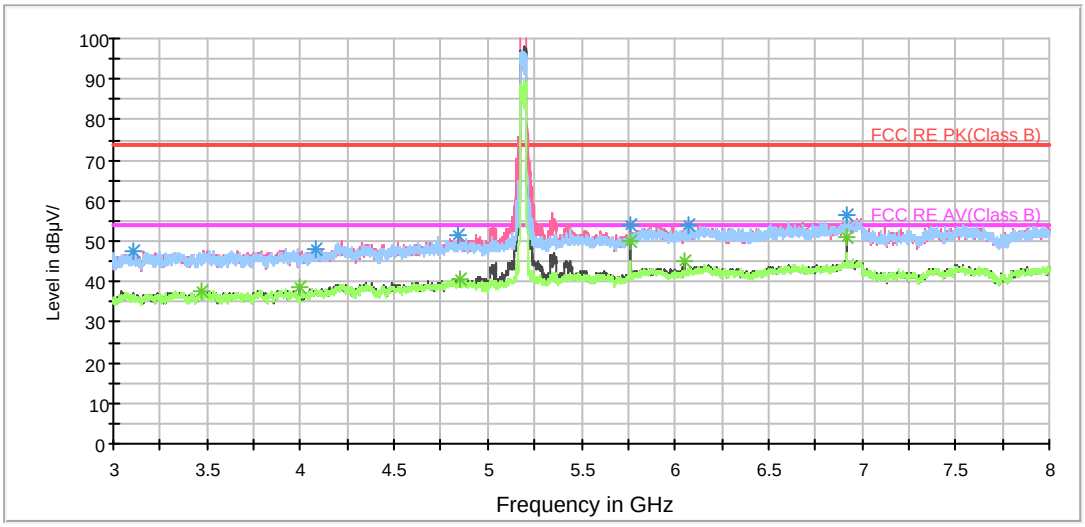
802.11ac (HT40) CH38

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

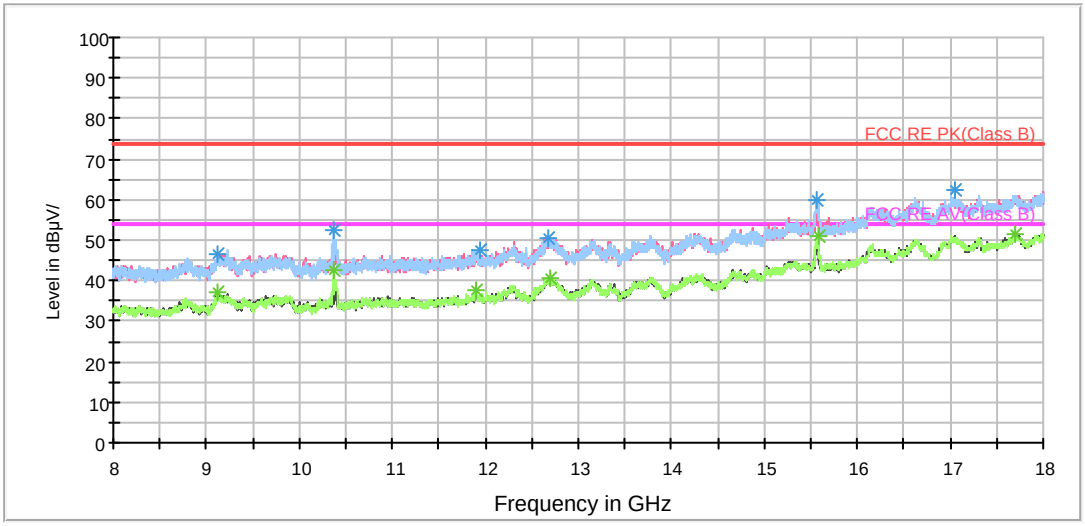
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

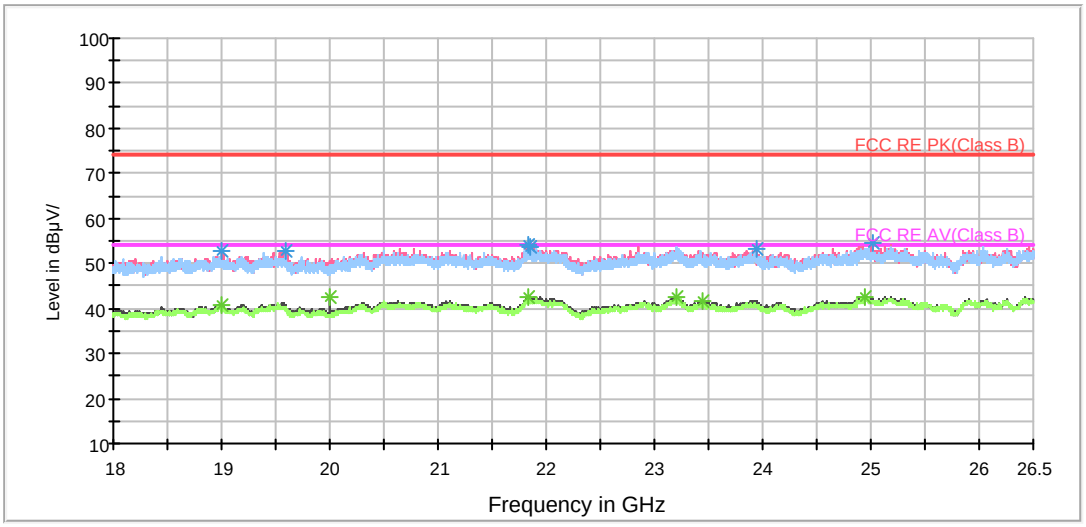
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



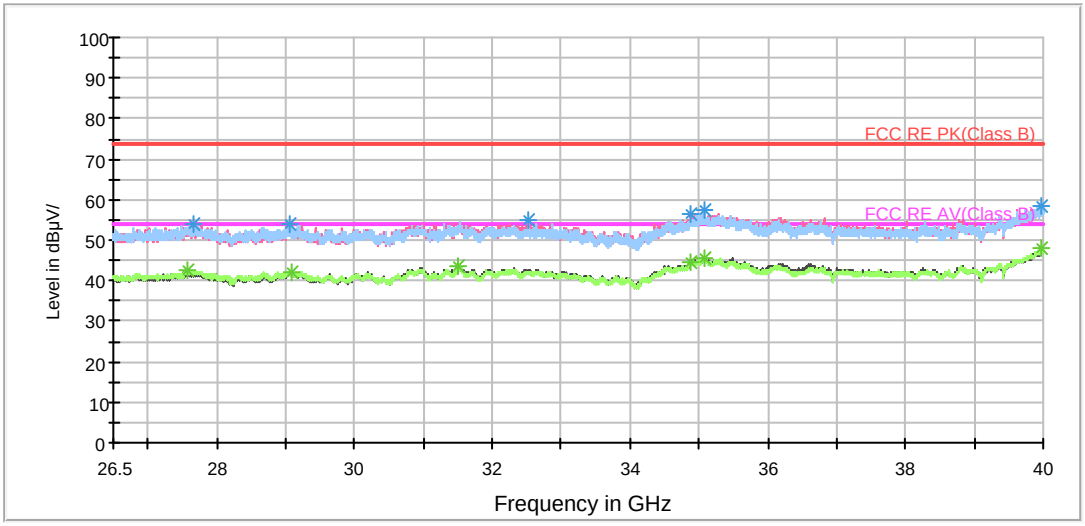
Radiates Emission from 8GHz to 18GHz

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)
3111.875000	47.7	200.0	V	322.0	40.4	7.3	26.3	74
4084.375000	47.9	200.0	H	0.0	38.8	9.1	26.1	74
4840.000000	51.4	200.0	V	337.0	39.8	11.6	22.6	74
5766.875000	53.7	200.0	V	322.0	40.0	13.7	20.3	74
6076.250000	53.8	200.0	H	171.0	38.6	15.2	20.2	74
6920.625000	56.3	200.0	V	0.0	40.1	16.2	17.7	74

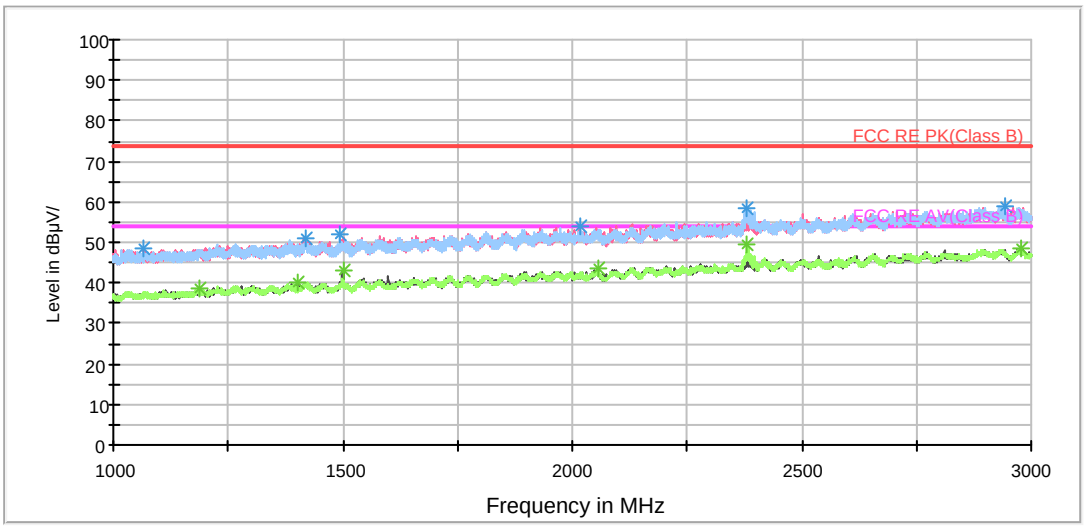
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3466.250000	37.6	200.0	V	281.0	29.7	7.9	16.4	54
4000.000000	38.8	200.0	V	345.0	29.9	8.9	15.2	54
4853.125000	40.7	200.0	V	353.0	29.1	11.6	13.3	54
5766.875000	50.0	200.0	V	322.0	36.3	13.7	4.0	54
6055.000000	44.9	200.0	V	19.0	30.0	14.9	9.1	54
6920.000000	51.0	200.0	V	0.0	34.8	16.2	3.0	54

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

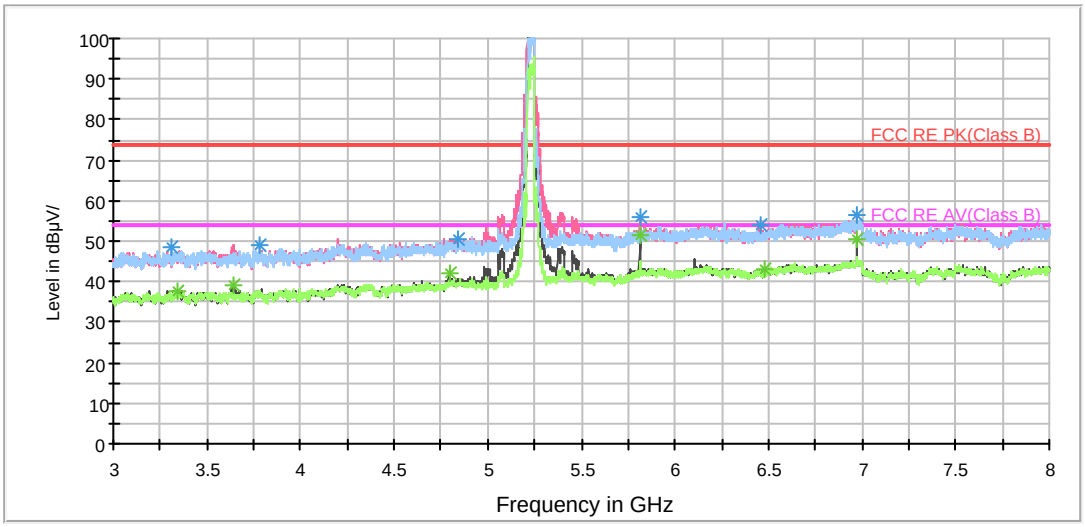
802.11ac (HT40) CH46

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

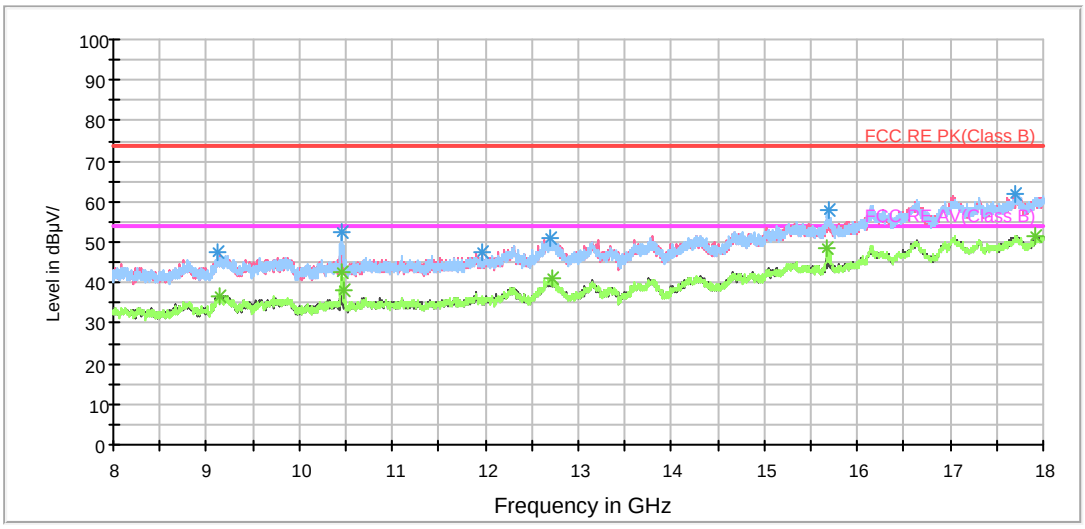
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

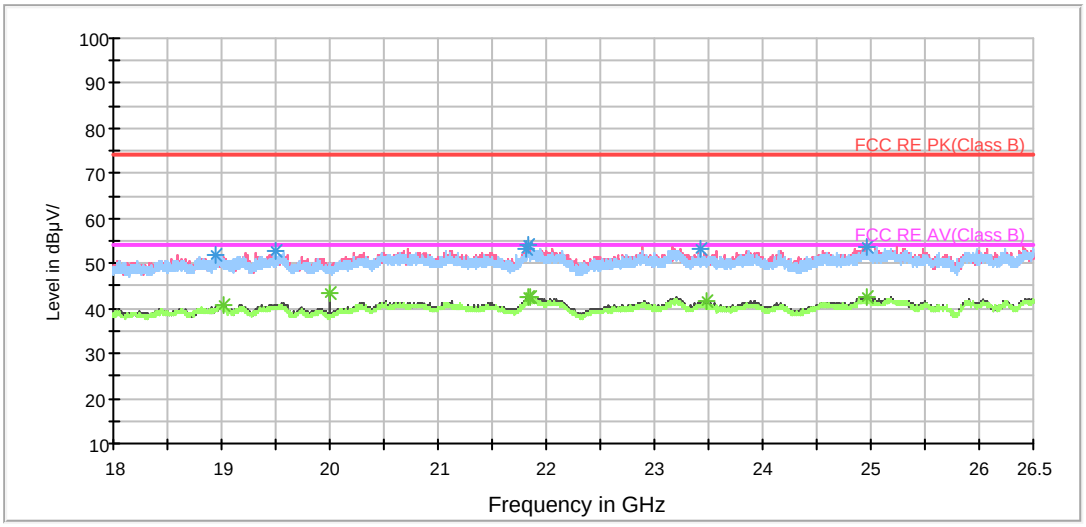
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



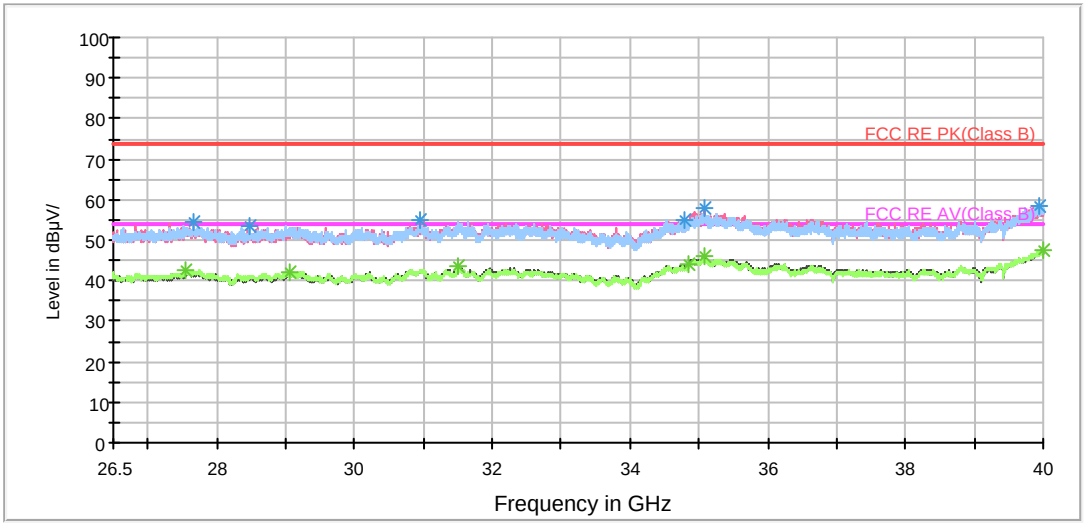
Radiates Emission from 8GHz to 18GHz

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)
3313.125000	48.3	200.0	H	0.0	40.4	7.9	25.7	74
3780.000000	49.1	200.0	H	299.0	40.9	8.2	24.9	74
4840.625000	50.7	200.0	V	244.0	39.1	11.6	23.3	74
5811.250000	55.9	200.0	V	8.0	41.5	14.4	18.1	74
6455.000000	54.0	200.0	V	244.0	38.9	15.1	20.0	74
6973.125000	56.5	200.0	V	0.0	40.2	16.3	17.5	74

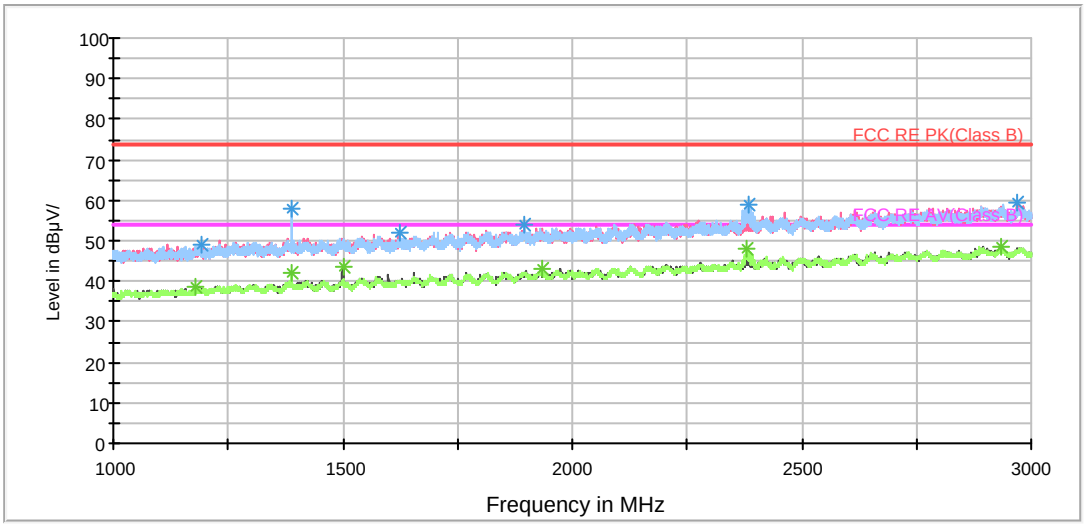
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3344.375000	37.6	200.0	V	162.0	30.0	7.6	16.4	54
3643.125000	39.0	200.0	V	320.0	30.8	8.2	15.0	54
4794.375000	42.2	200.0	V	337.0	31.0	11.2	11.8	54
5811.250000	51.6	200.0	V	8.0	37.2	14.4	2.4	54
6485.000000	42.9	200.0	V	329.0	27.8	15.1	11.1	54
6973.750000	50.4	200.0	V	0.0	34.1	16.3	3.6	54

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

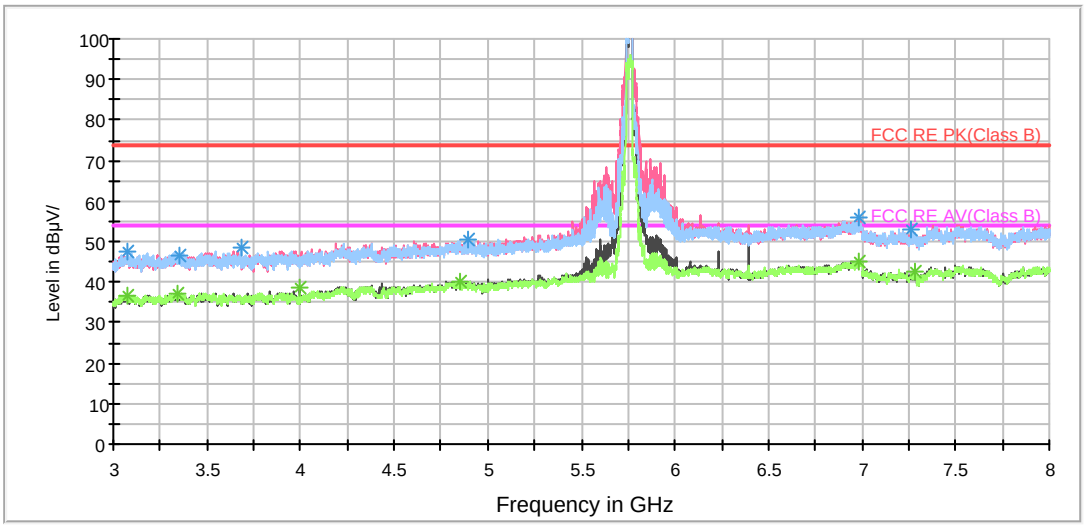
802.11ac (HT40) CH151

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

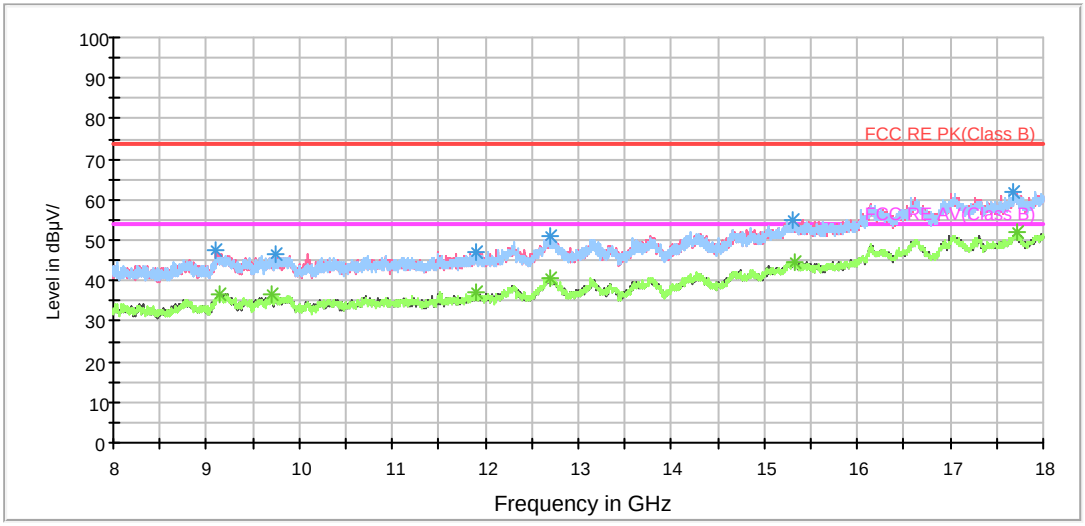
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

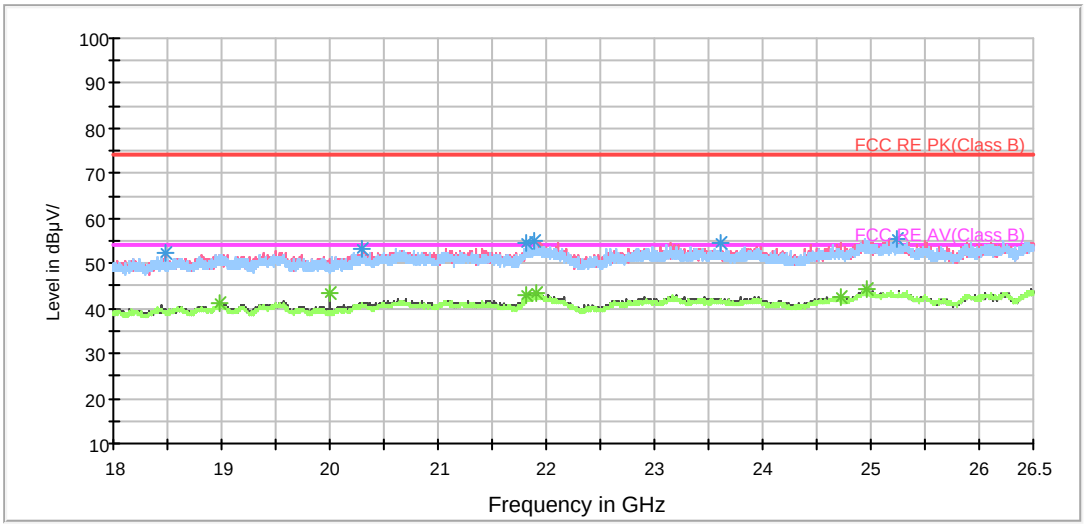
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



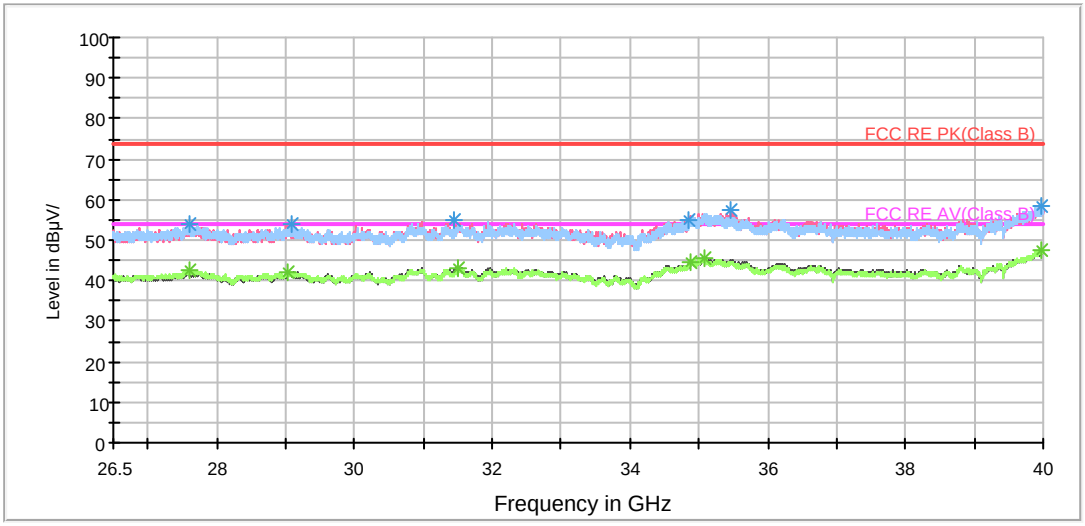
Radiates Emission from 8GHz to 18GHz

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)
3078.125000	47.6	200.0	H	129.0	40.6	7.0	26.4	74
3350.625000	46.4	200.0	H	168.0	38.7	7.7	27.6	74
3680.000000	48.7	200.0	H	0.0	40.5	8.2	25.3	74
4894.375000	50.4	200.0	H	137.0	38.5	11.9	23.6	74
6981.250000	56.0	200.0	H	289.0	39.6	16.4	18.0	74
7263.750000	53.0	200.0	H	314.0	36.0	17.0	21.0	74

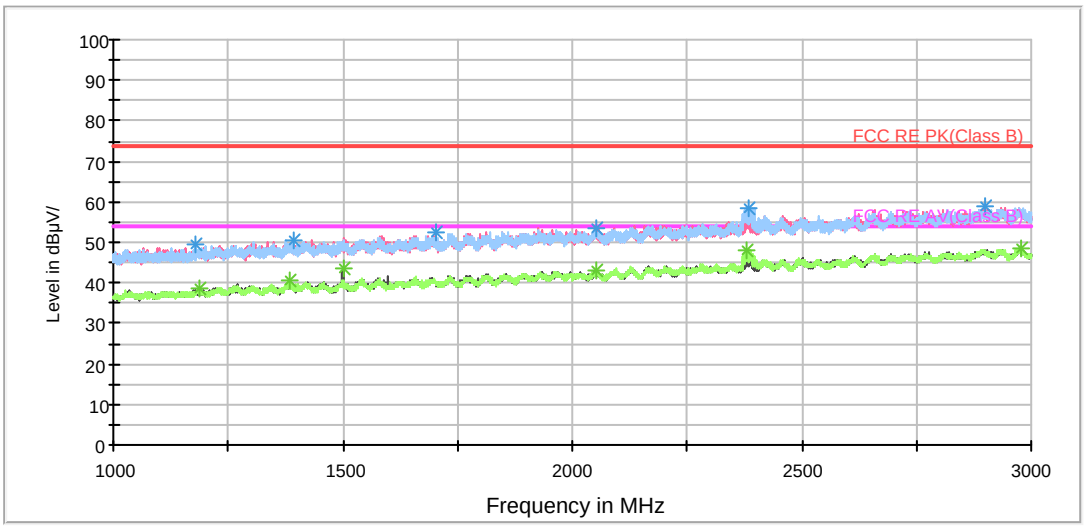
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3077.500000	36.8	200.0	V	318.0	29.8	7.0	17.2	54
3337.500000	37.3	200.0	H	66.0	29.6	7.7	16.7	54
4000.000000	38.5	200.0	V	235.0	29.6	8.9	15.5	54
4852.500000	40.2	200.0	H	113.0	28.6	11.6	13.8	54
6986.875000	45.1	200.0	V	349.0	28.7	16.4	8.9	54
7278.125000	42.4	200.0	H	273.0	25.4	17.0	11.6	54

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

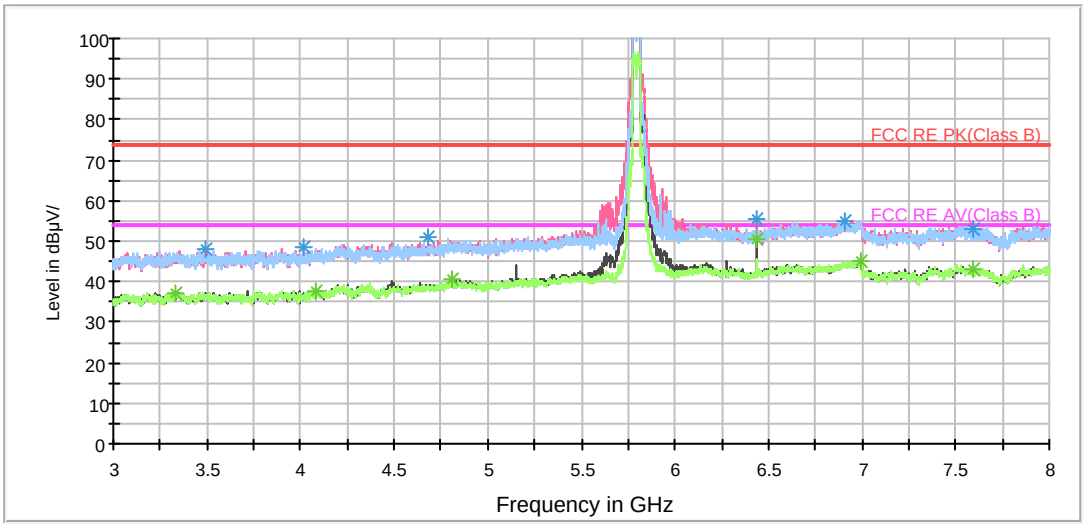
802.11ac (HT40) CH159

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

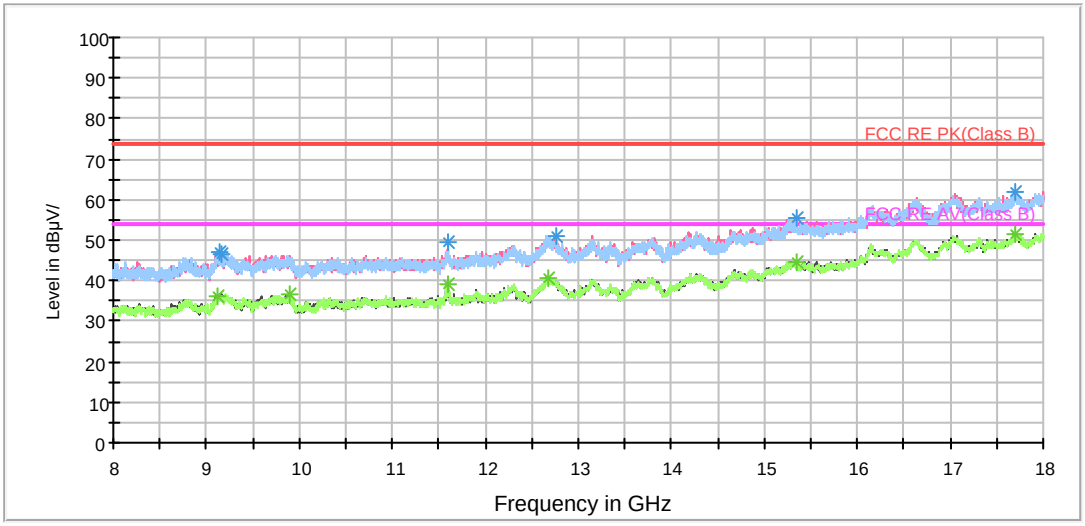
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

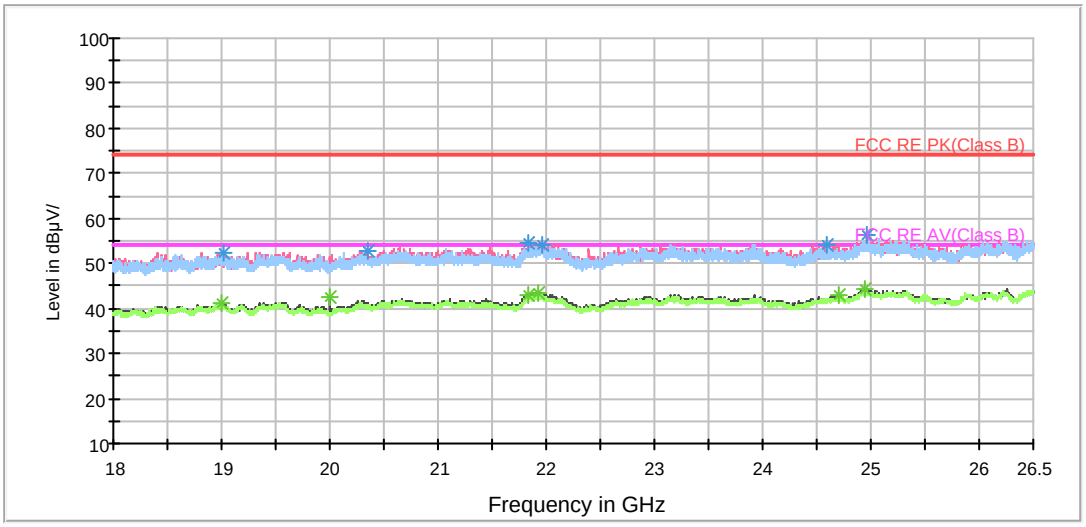
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



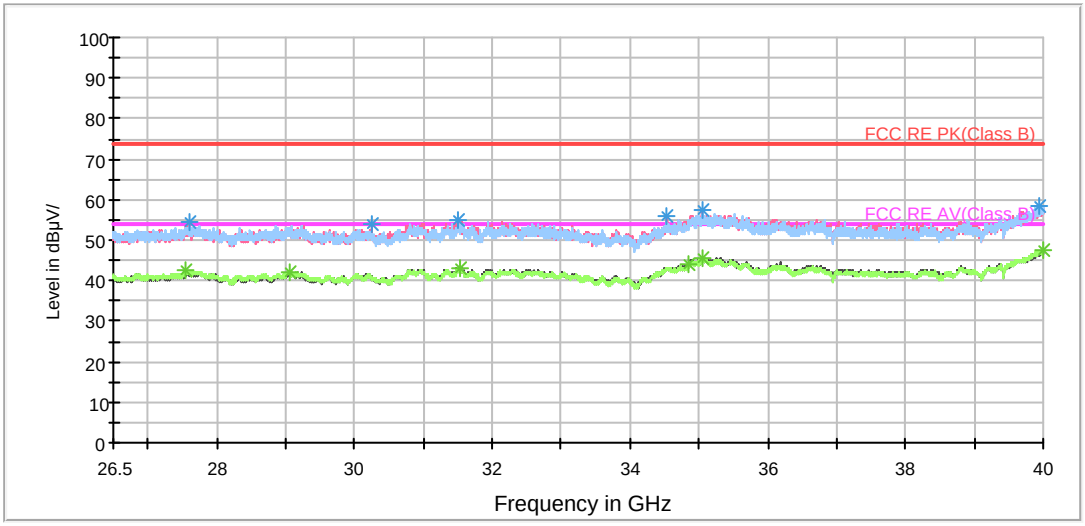
Radiates Emission from 8GHz to 18GHz

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)
3491.250000	47.8	200.0	V	148.0	39.9	7.9	26.2	74
4018.125000	48.5	200.0	V	38.0	39.7	8.8	25.5	74
4681.250000	50.8	200.0	V	292.0	40.0	10.8	23.2	74
6439.375000	55.4	200.0	V	21.0	40.4	15.0	18.6	74
6903.125000	55.2	200.0	H	96.0	38.9	16.3	18.8	74
7596.250000	53.1	200.0	V	123.0	36.1	17.0	20.9	74

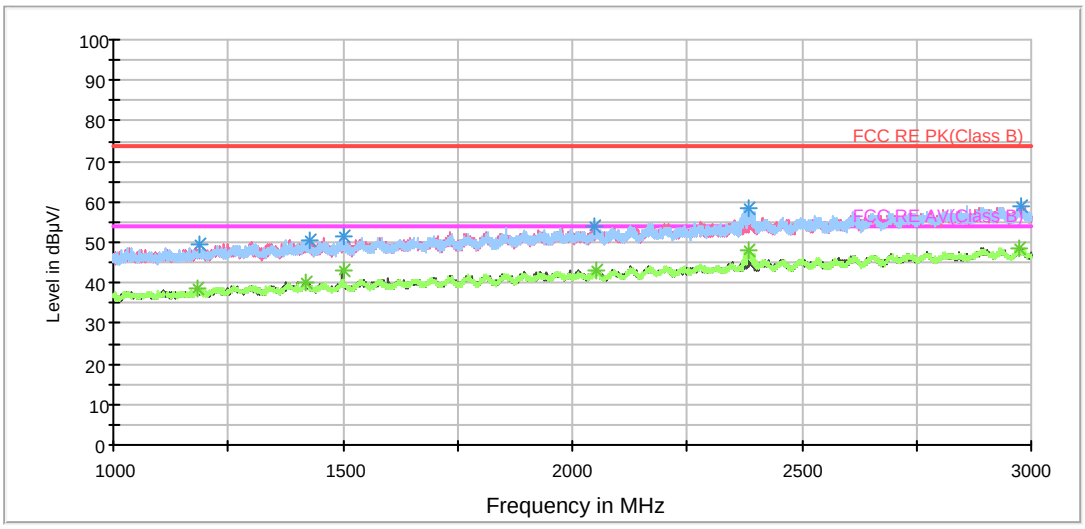
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3333.125000	37.4	200.0	H	216.0	29.7	7.7	16.6	54
4085.625000	37.8	200.0	H	120.0	28.7	9.1	16.2	54
4806.875000	40.5	200.0	H	144.0	29.2	11.3	13.5	54
6438.750000	50.6	200.0	V	11.0	35.6	15.0	3.4	54
6990.000000	45.1	200.0	H	61.0	28.6	16.5	8.9	54
7595.000000	43.1	200.0	H	20.0	26.1	17.0	10.9	54

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

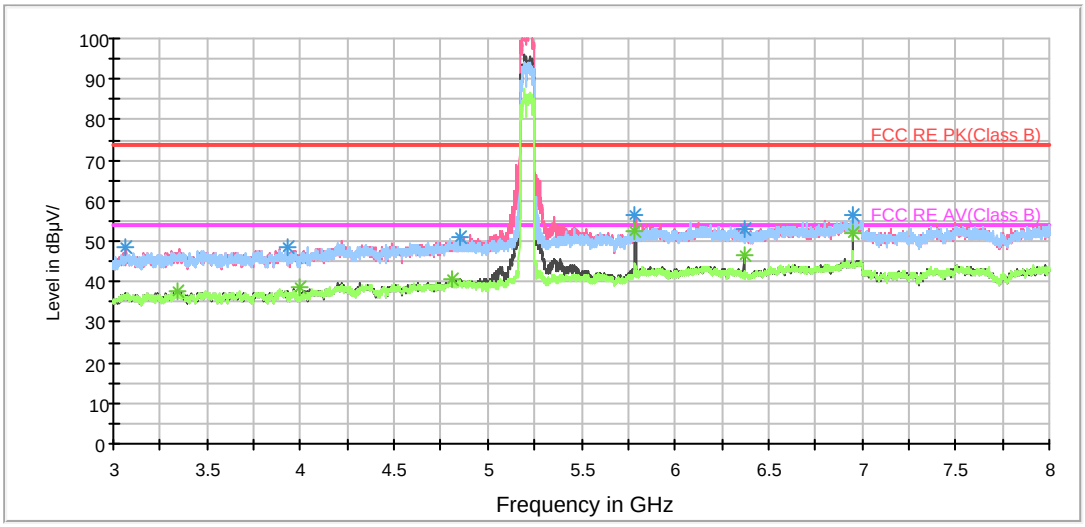
802.11ac (HT80) CH42

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

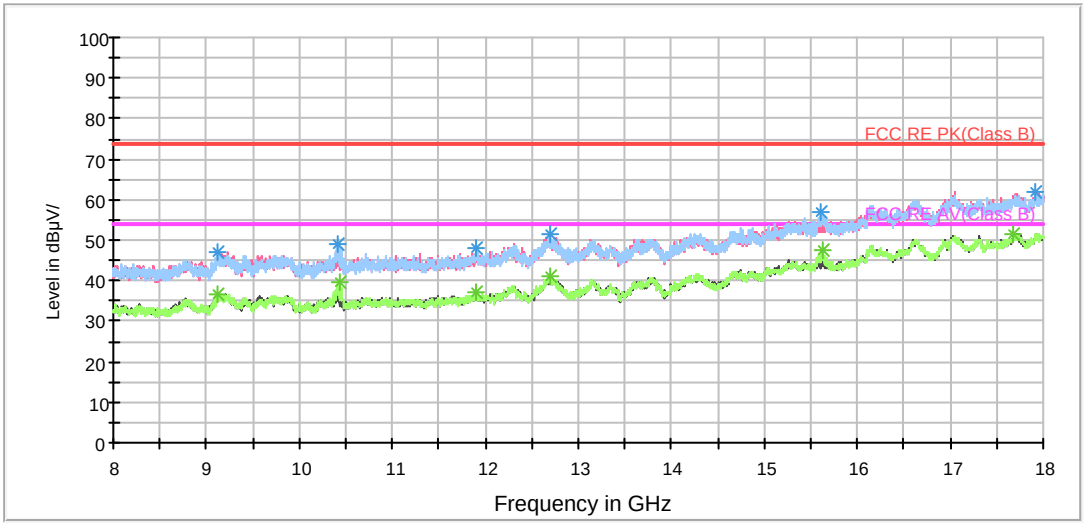
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

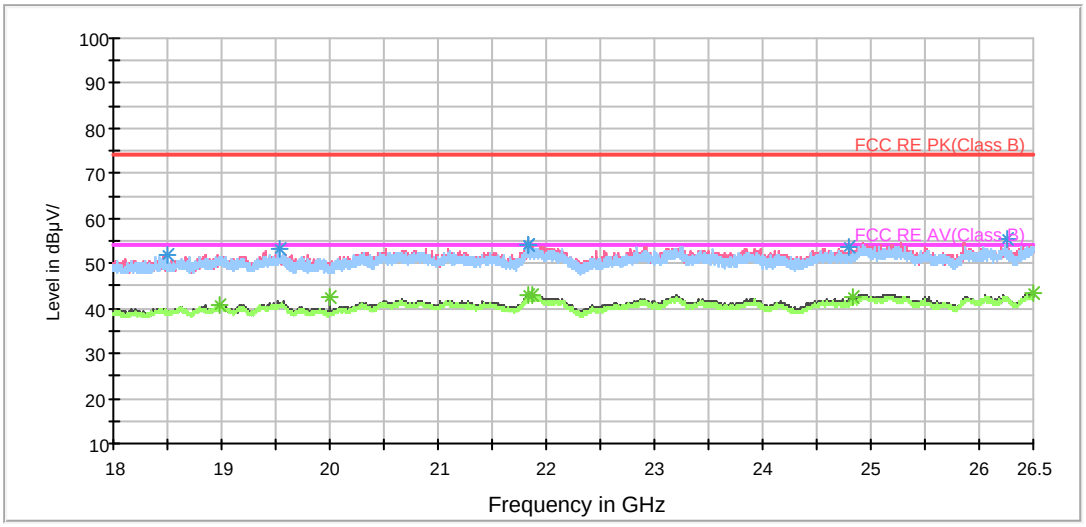
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



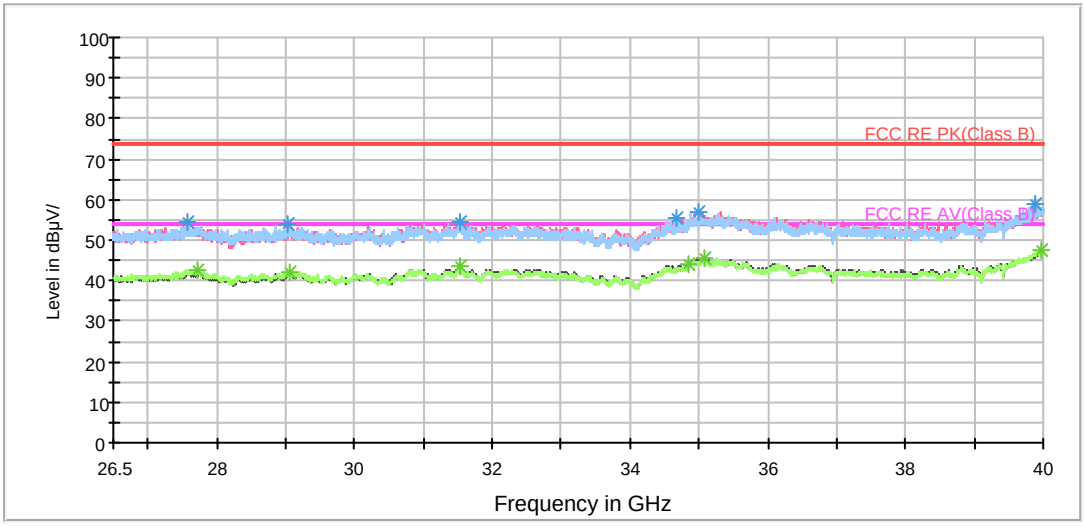
Radiates Emission from 8GHz to 18GHz

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)
3069.375000	48.4	200.0	V	247.0	41.4	7.0	25.6	74
3926.250000	48.5	200.0	H	63.0	39.7	8.8	25.5	74
4849.375000	50.9	200.0	V	235.0	39.3	11.6	23.1	74
5788.750000	56.7	200.0	V	290.0	42.6	14.1	17.3	74
6368.125000	53.2	200.0	V	38.0	38.2	15.0	20.8	74
6946.875000	56.4	200.0	V	0.0	40.2	16.2	17.6	74

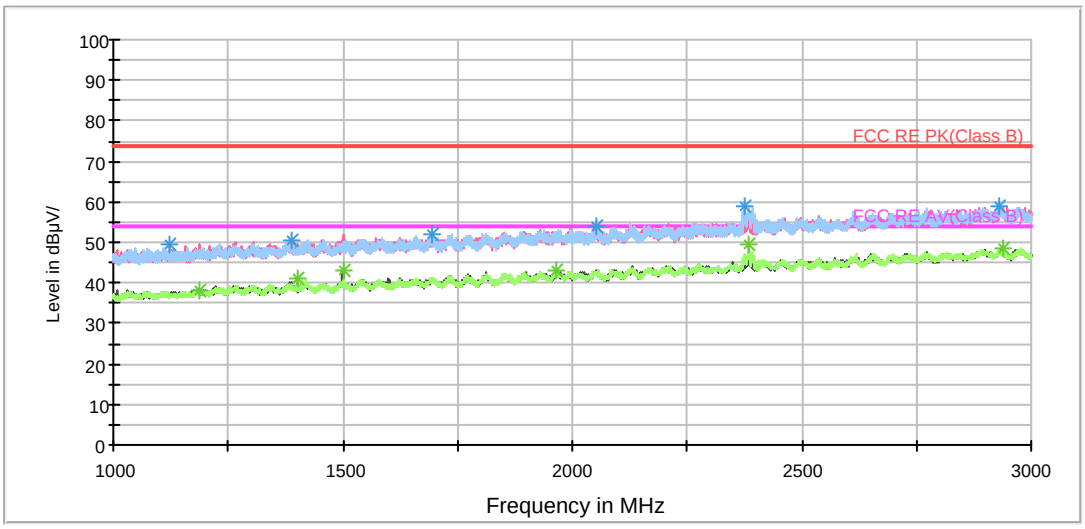
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3339.375000	37.6	200.0	V	200.0	30.0	7.6	16.4	54
4000.000000	38.5	200.0	V	348.0	29.6	8.9	15.5	54
4805.000000	40.7	200.0	V	208.0	29.4	11.3	13.3	54
5788.750000	52.6	200.0	V	290.0	38.5	14.1	1.4	54
6368.125000	46.6	200.0	V	38.0	31.6	15.0	7.4	54
6946.875000	52.1	200.0	V	0.0	35.9	16.2	1.9	54

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

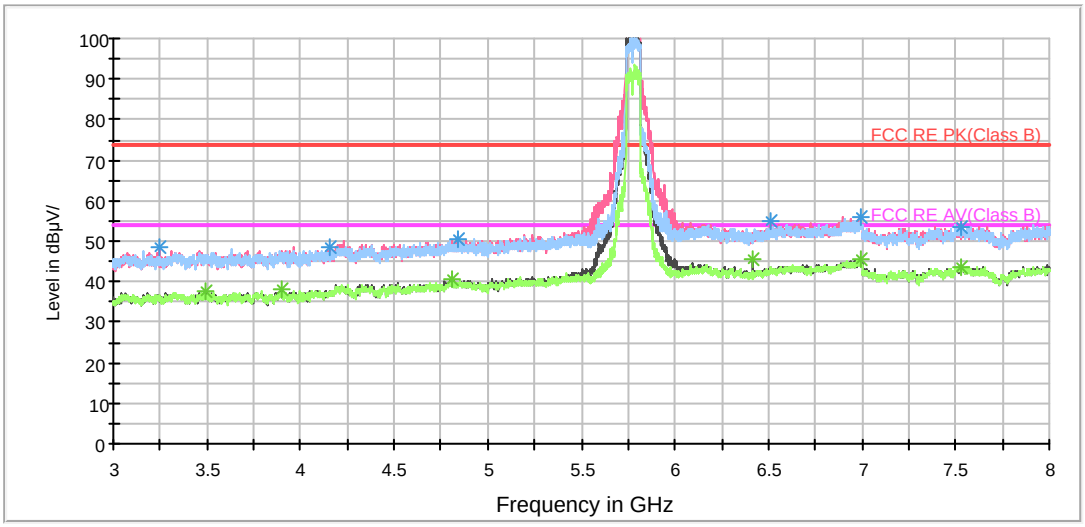
802.11ac (HT80) CH155

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

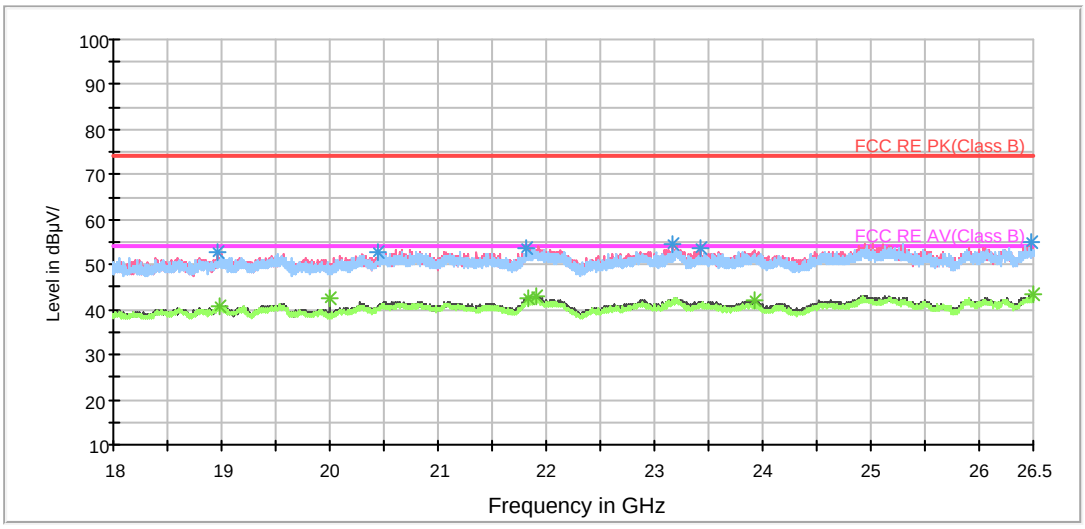
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

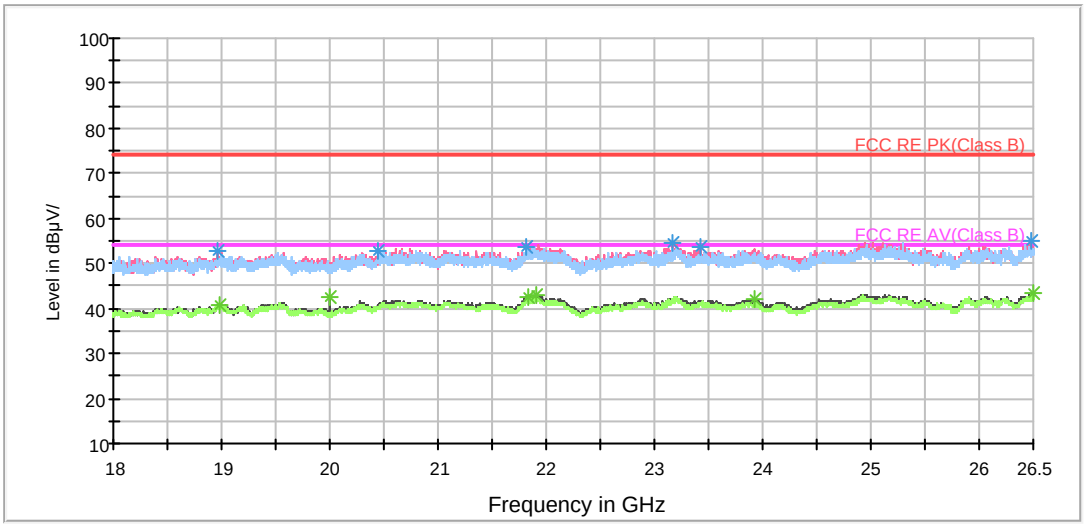
Radiates Emission from 3GHz to 8GHz

BELL_RE 18-26.5GHz PK+AV



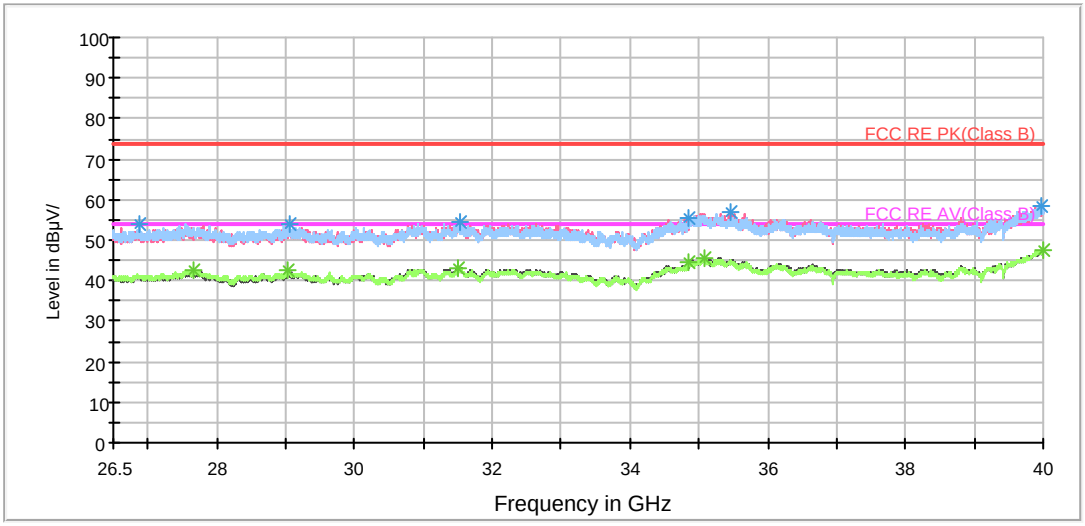
Radiates Emission from 8GHz to 18GHz

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)
3248.125000	48.5	200.0	V	143.0	41.0	7.5	25.5	74
4153.750000	48.7	200.0	V	151.0	38.8	9.9	25.3	74
4837.500000	50.3	200.0	H	59.0	38.8	11.5	23.7	74
6512.500000	55.0	200.0	V	21.0	39.6	15.4	19.0	74
6993.125000	56.0	200.0	H	35.0	39.5	16.5	18.0	74
7531.875000	53.5	200.0	V	358.0	36.4	17.1	20.5	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3497.500000	37.6	200.0	V	223.0	29.7	7.9	16.4	54
3900.625000	38.1	200.0	V	126.0	29.4	8.7	15.9	54
4806.875000	40.4	200.0	V	159.0	29.1	11.3	13.6	54
6416.875000	45.6	200.0	V	0.0	30.7	14.9	8.4	54
6995.000000	45.4	200.0	H	0.0	28.9	16.5	8.6	54
7526.875000	43.6	200.0	V	159.0	26.5	17.1	10.4	54

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

5.6. Conducted Emission

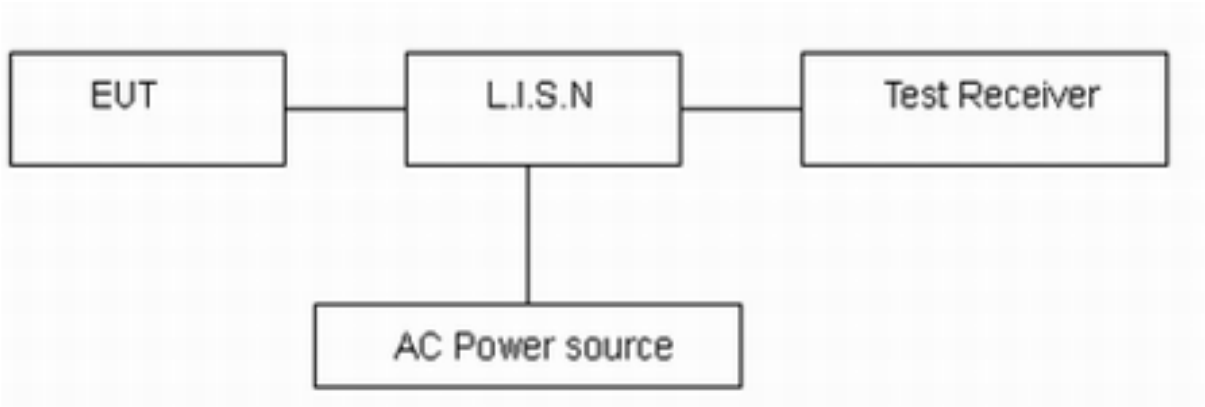
Ambient condition

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.		

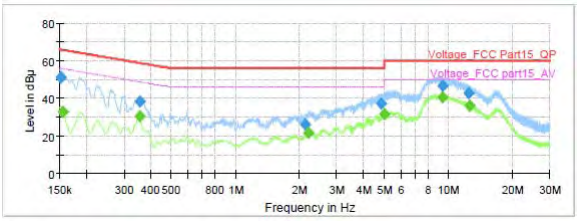
Measurement Uncertainty

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:

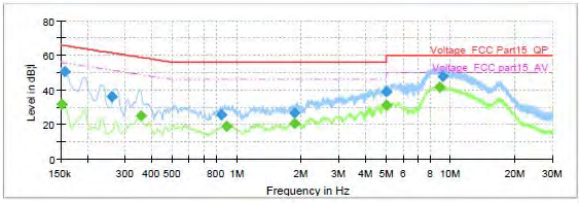
Following plots, Blue trace uses the peak detection and Green trace uses the average detection. During the test, the Conducted Emission was performed in all modes with all channels, 802.11n (HT40), Channel 38 are selected as the worst condition. The test data of the worst-case condition was recorded in this report.

L Line



Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.152250	51.14	---	65.88	14.74	1000.0	9.000	L1	ON	19.6
0.154500	---	32.60	55.75	23.15	1000.0	9.000	L1	ON	19.6
0.354750	---	30.63	48.85	18.22	1000.0	9.000	L1	ON	19.6
0.354750	38.11	---	58.85	20.74	1000.0	9.000	L1	ON	19.6
2.143500	26.38	---	56.00	29.62	1000.0	9.000	L1	ON	19.6
2.195250	---	21.81	46.00	24.19	1000.0	9.000	L1	ON	19.6
4.825500	37.28	---	56.00	18.72	1000.0	9.000	L1	ON	19.7
5.021250	---	31.75	50.00	18.25	1000.0	9.000	L1	ON	19.7
9.390750	---	40.73	50.00	9.27	1000.0	9.000	L1	ON	19.9
9.393000	46.82	---	60.00	13.18	1000.0	9.000	L1	ON	19.9
12.513750	42.71	---	60.00	17.29	1000.0	9.000	L1	ON	19.9
12.565500	---	36.16	50.00	13.84	1000.0	9.000	L1	ON	19.9

N Line



Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.152250	---	31.86	55.88	24.01	1000.0	9.000	N	ON	19.7
0.156750	50.75	---	65.63	14.88	1000.0	9.000	N	ON	19.7
0.260250	36.09	---	61.42	25.34	1000.0	9.000	N	ON	19.6
0.357000	---	24.78	48.80	24.01	1000.0	9.000	N	ON	19.6
0.849750	25.43	---	56.00	30.57	1000.0	9.000	N	ON	19.6
0.894750	---	19.03	46.00	26.97	1000.0	9.000	N	ON	19.6
1.862250	---	20.83	46.00	25.17	1000.0	9.000	N	ON	19.6
1.864500	26.46	---	56.00	29.54	1000.0	9.000	N	ON	19.6
4.994250	---	30.92	46.00	15.08	1000.0	9.000	N	ON	19.7
4.998750	38.71	---	56.00	17.29	1000.0	9.000	N	ON	19.7
8.875500	---	41.69	50.00	8.31	1000.0	9.000	N	ON	19.9
9.231000	47.51	---	60.00	12.49	1000.0	9.000	N	ON	19.9

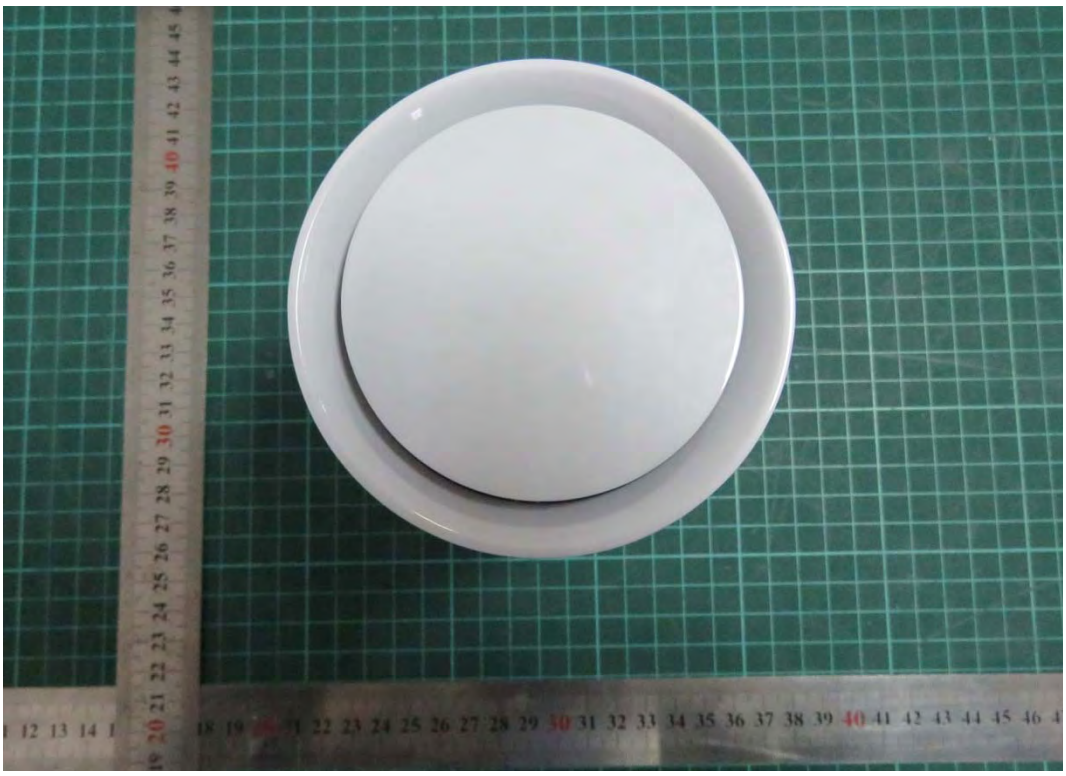
6. Main Test Instruments

Name	Manufacturer	Type	Serial Number	Calibration Date	Expiration Date
Spectrum Analyzer	R&S	FSV40	15195-01-00	2017-05-14	2018-05-13
EMI Test Receiver	R&S	ESCI	100948	2017-05-20	2018-05-19
Loop Antenna	SCHWARZBECK	FMZB1519	1519-047	2017-02-18	2020-02-17
TRILOG Broadband Antenna	Schwarzbeck	VULB 9163	9163-201	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	2020-01-29
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	ESR	101667	2017-09-06	2018-09-05
LISN	R&S	ENV216	101171	2016-12-16	2019-12-15
Spectrum Analyzer	Agilent	N9010A	MY47191109	2017-05-20	2018-05-19
RF Cable	Agilent	SMA 15cm	0001	/	/
TEMPERATURE CHAMBER	ESPEC	SU-242	93000506	2017-12-27	2018-12-26
AV Power Meter	R&S	NRP	102437	2017-12-17	2018-12-16
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

Adapter 1

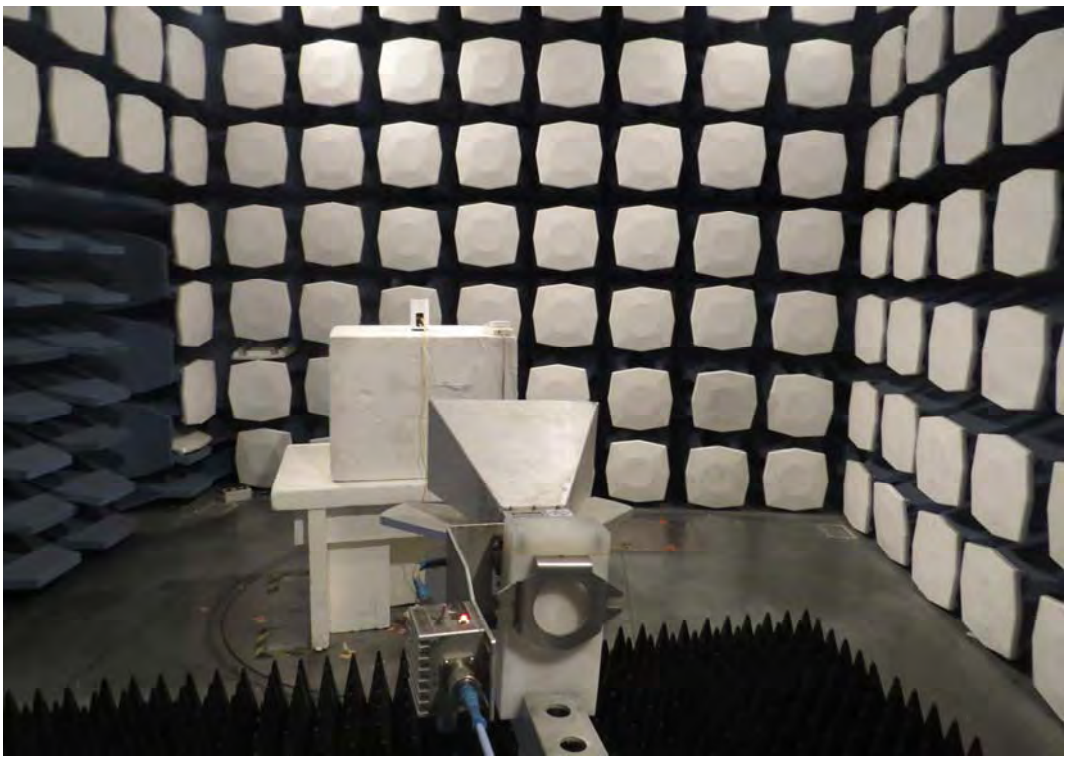
Adapter 2

b: Adapter

Picture 1 EUT and Accessory

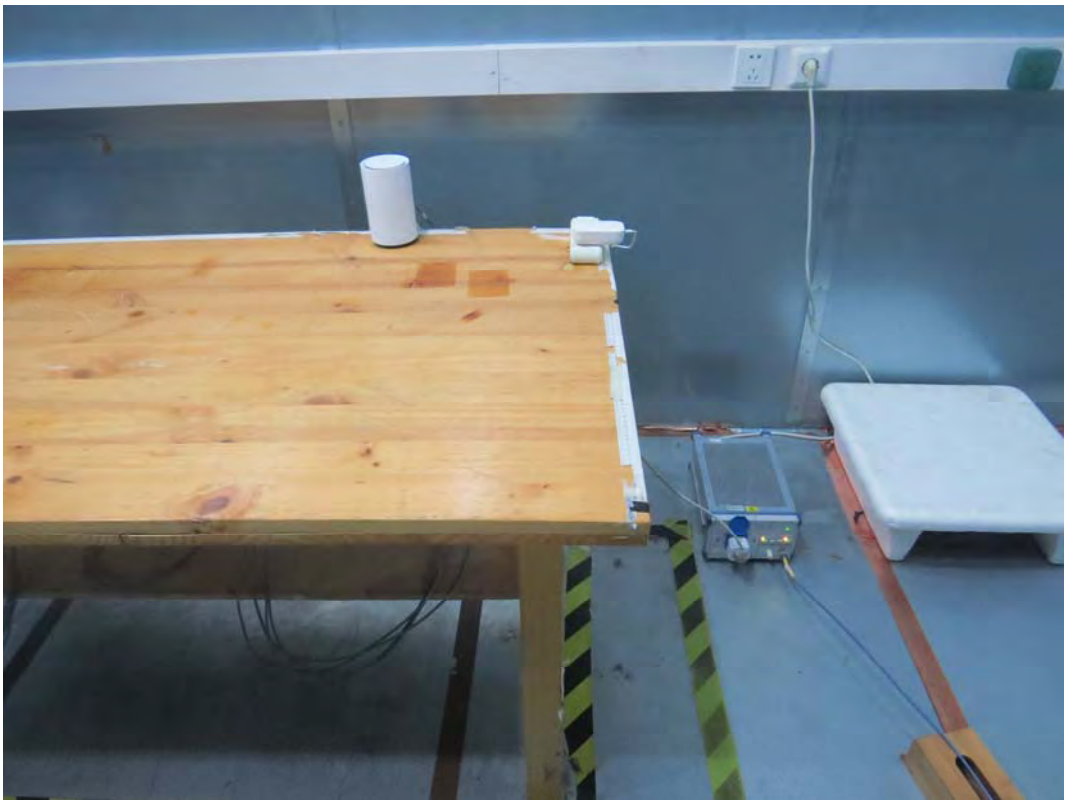
A.2 Test Setup

30MHz-1GHz



Above 1GHz

Picture 2 Radiated Emission Test Setup



Picture 3 Conducted Emission Test Setup