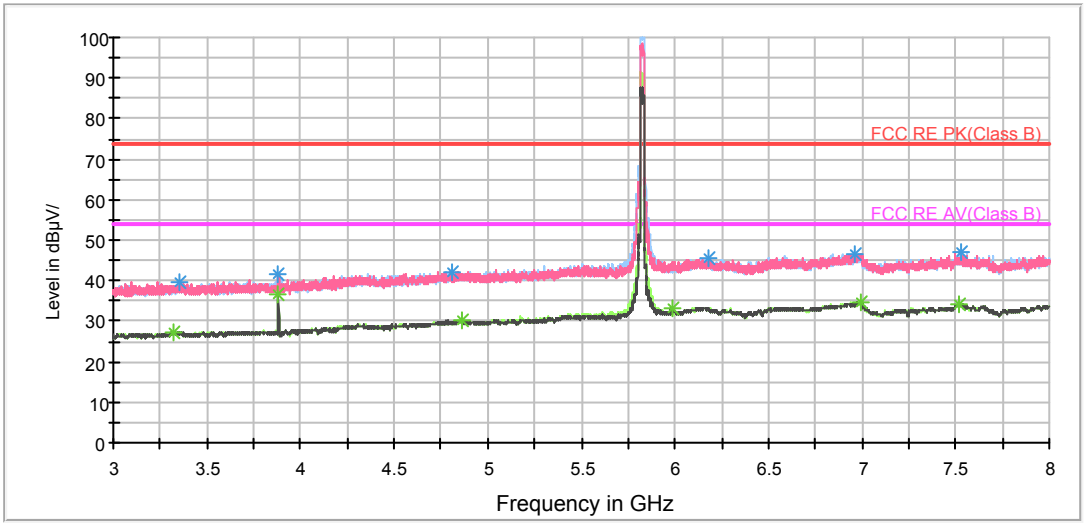
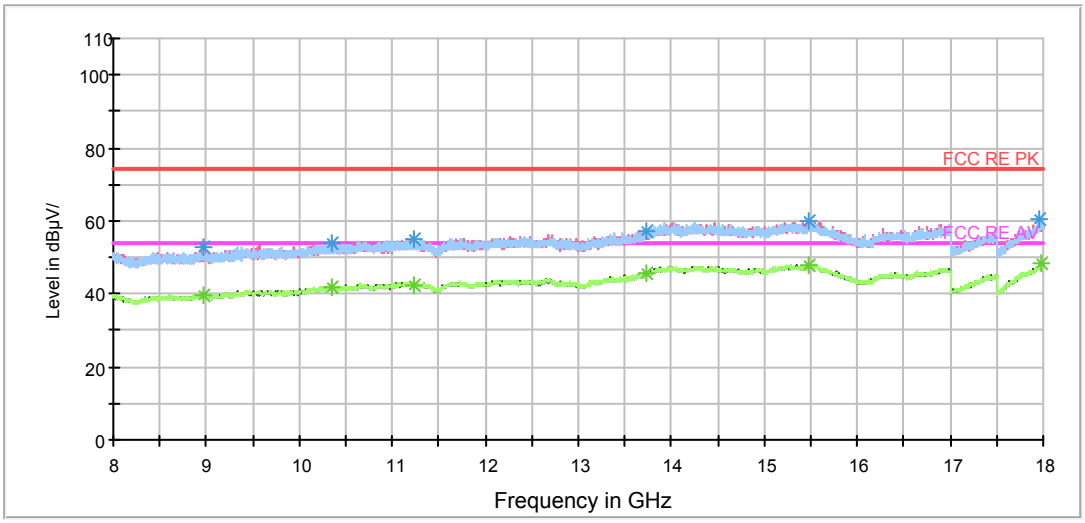
RE 3-18GHz PK+AV



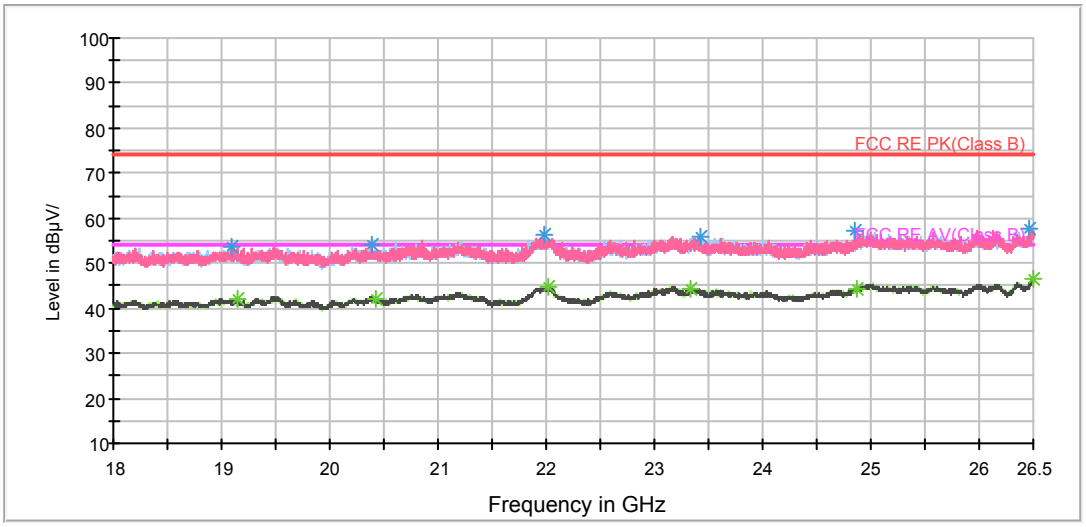
Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 8GHz

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



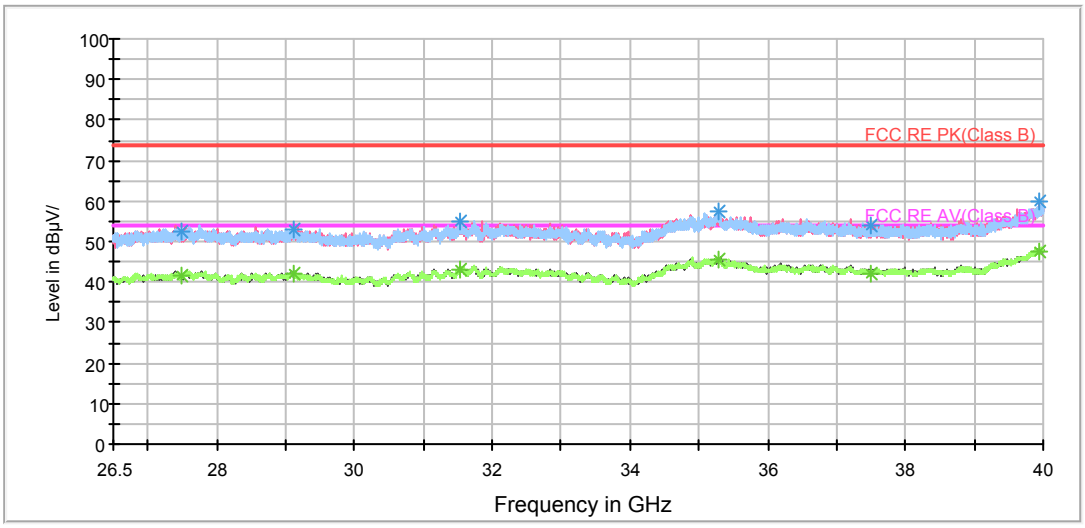
Radiates Emission from 8GHz to 18GHz

BELL_RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

802.11n (HT20) CH36

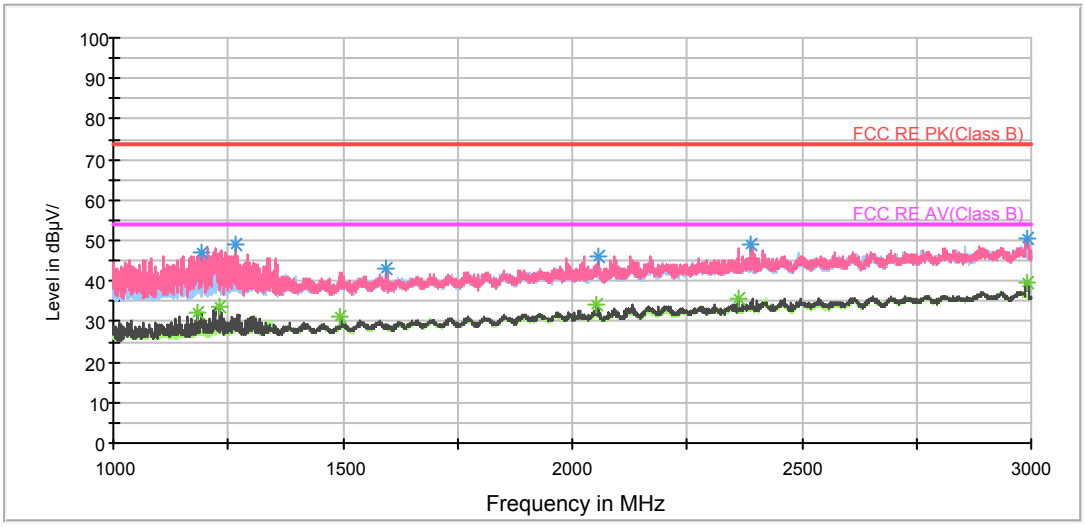
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3282.500000	41.0	102.0	H	62.0	43.1	-2.1	33.0	74
4121.875000	40.7	102.0	V	298.0	41.2	-0.5	33.3	74
4844.375000	42.3	102.0	V	1.0	40.7	1.6	31.7	74
5852.500000	45.3	102.0	V	42.0	40.6	4.7	28.7	74
6791.875000	45.7	102.0	V	0.0	40.0	5.7	28.3	74
7502.500000	46.8	102.0	H	274.0	39.9	6.9	27.2	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)
3282.500000	35.9	102.0	H	62.0	38.0	-2.1	18.1	54
4160.000000	28.2	102.0	V	22.0	28.2	0.0	25.8	54
4862.500000	30.1	102.0	V	0.0	28.4	1.7	23.9	54
5865.625000	32.8	102.0	H	336.0	27.9	4.9	21.2	54
6593.125000	33.4	102.0	V	103.0	27.8	5.6	20.6	54
6998.125000	34.8	102.0	H	212.0	28.3	6.5	19.2	54

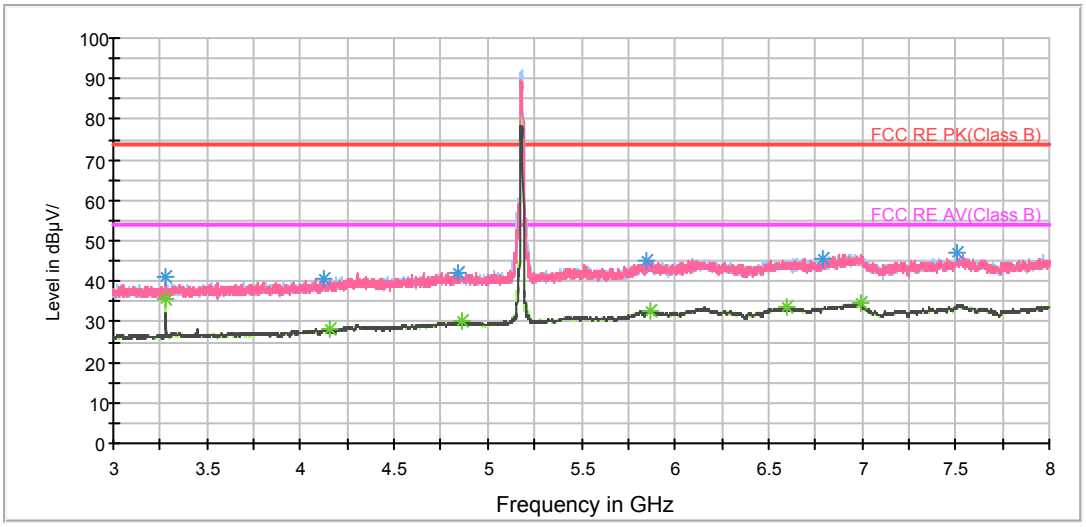
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 1G-3GHz PK+AV



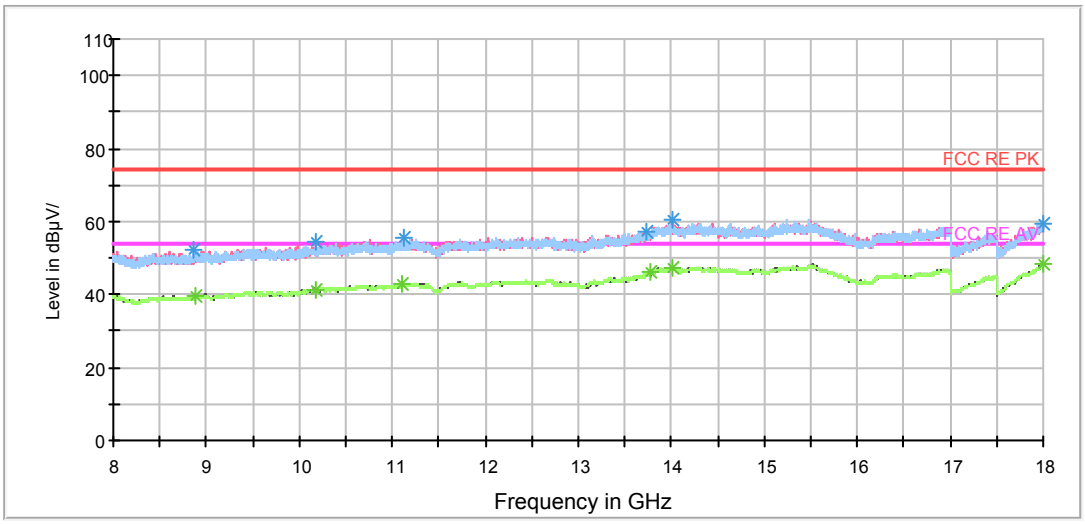
Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



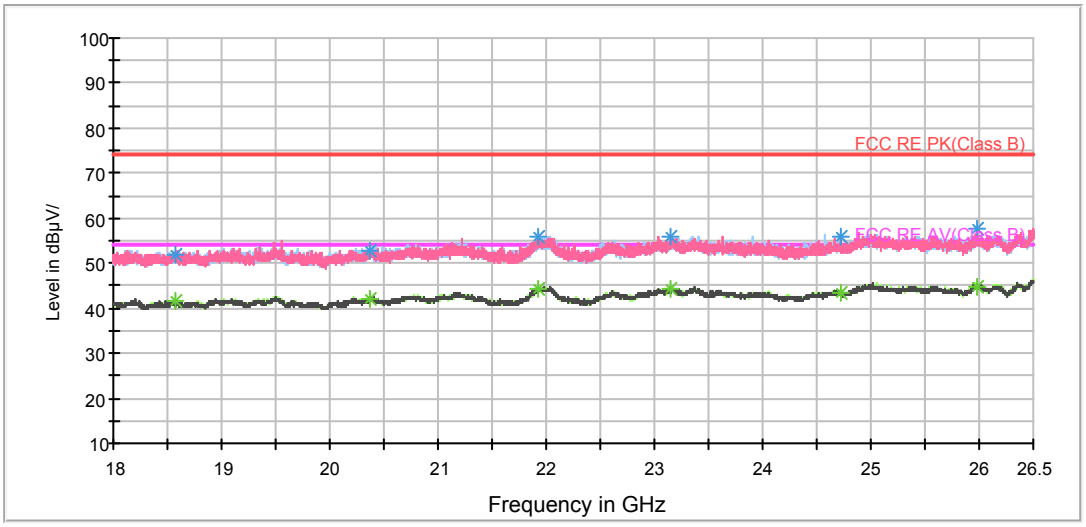
Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 8GHz

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



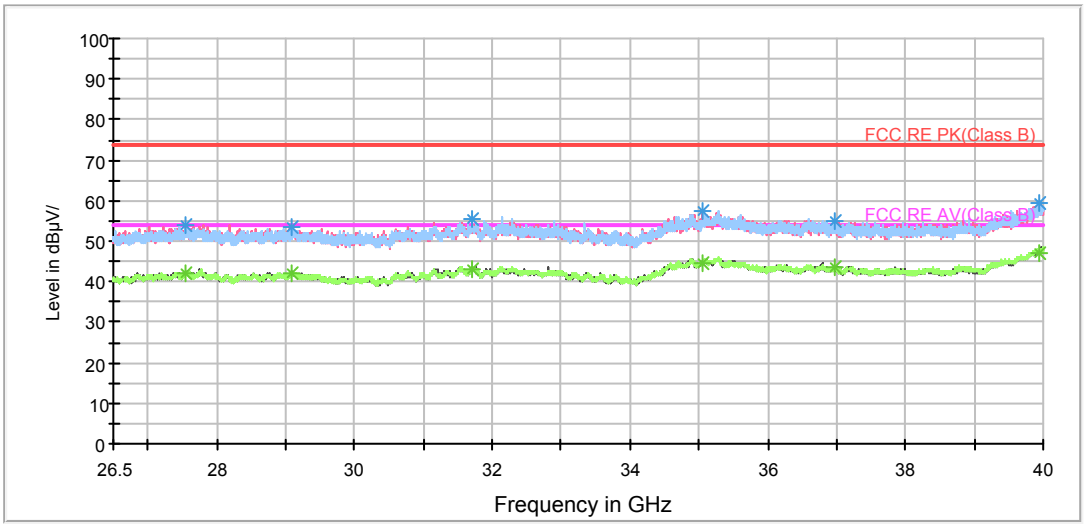
Radiates Emission from 8GHz to 18GHz

BELL_RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

802.11n (HT20) CH40

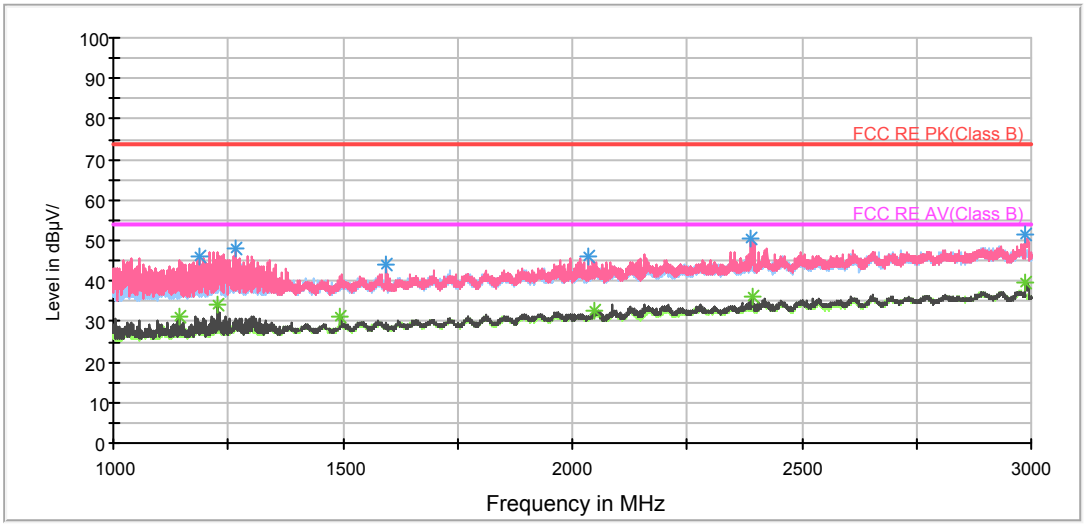
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3281.875000	41.0	102.0	H	64.0	43.1	-2.1	33.0	74
4081.875000	40.8	102.0	V	167.0	41.7	-0.9	33.2	74
4742.500000	41.7	102.0	H	298.0	40.9	0.8	32.3	74
6091.250000	46.0	102.0	H	0.0	40.9	5.1	28.0	74
6963.750000	46.8	102.0	H	172.0	40.6	6.2	27.2	74
7513.125000	46.0	102.0	H	193.0	39.0	7.0	28.0	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)
3282.500000	35.8	102.0	H	64.0	37.9	-2.1	18.2	54
4156.875000	28.3	102.0	H	0.0	28.4	-0.1	25.7	54
4872.500000	29.9	102.0	V	0.0	28.1	1.8	24.1	54
6158.750000	33.4	102.0	V	0.0	27.7	5.7	20.6	54
6995.000000	34.5	102.0	V	0.0	28.0	6.5	19.5	54
7531.250000	33.9	102.0	H	0.0	26.8	7.1	20.1	54

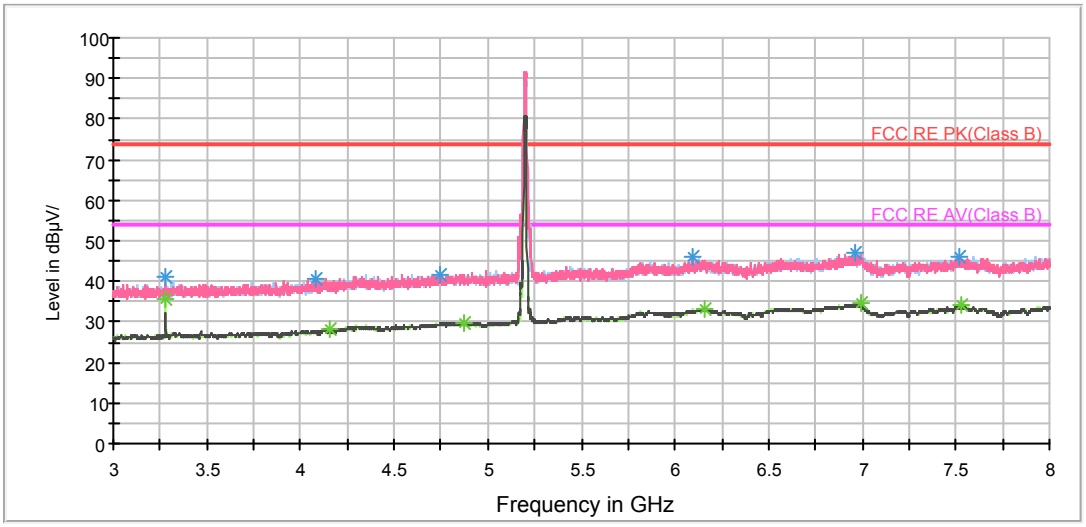
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 1G-3GHz PK+AV



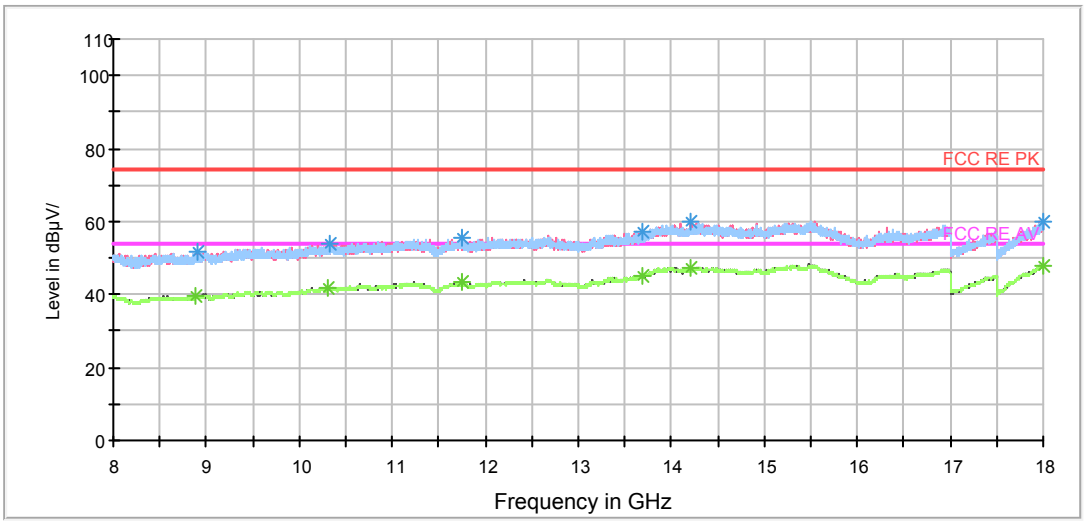
Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



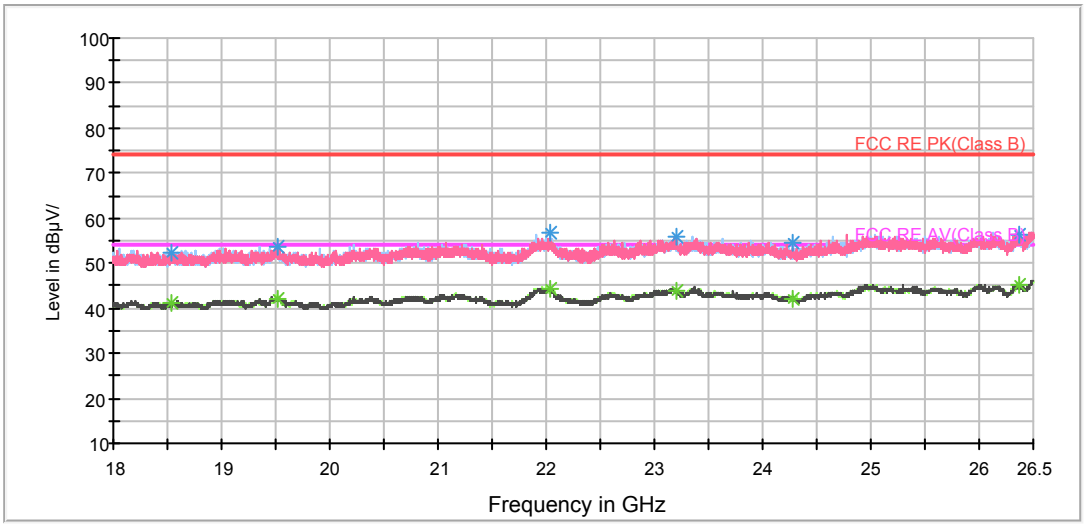
Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to8GHz

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



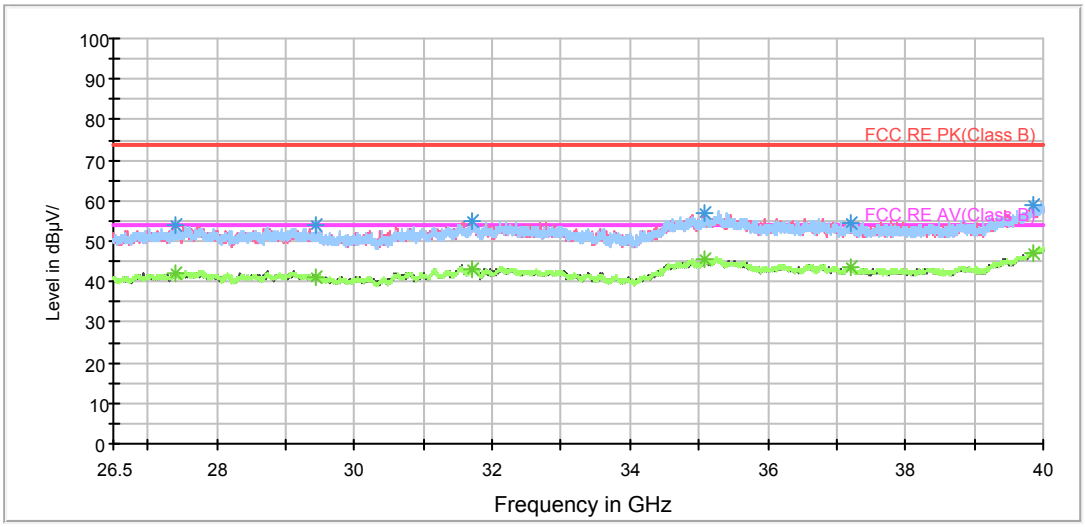
Radiates Emission from 8GHz to 18GHz

BELL_RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

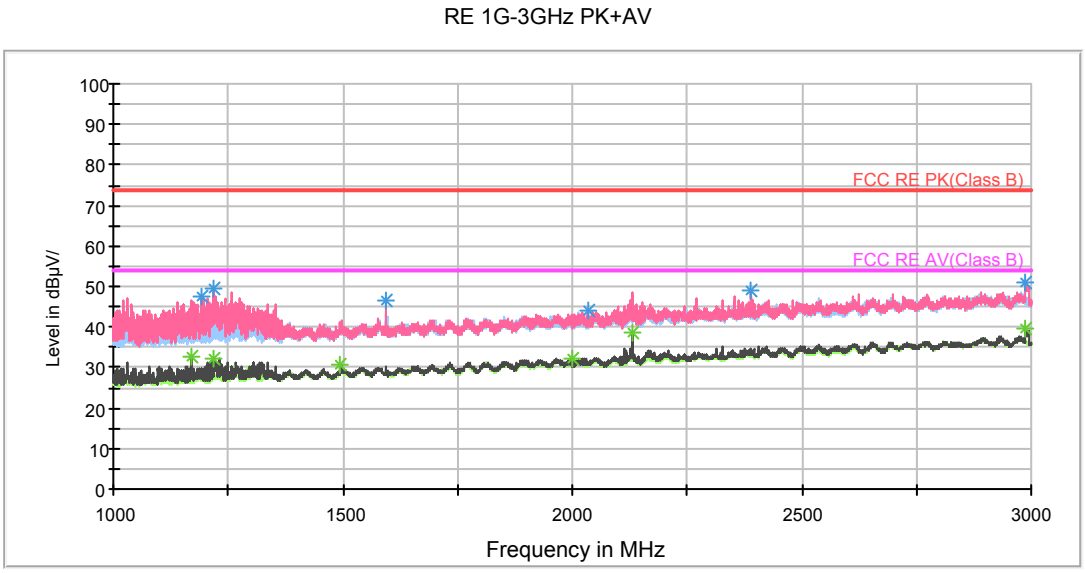
802.11n (HT20) CH48

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3282.500000	40.6	102.0	H	67.0	42.7	-2.1	33.4	74
4059.375000	40.0	102.0	V	84.0	41.1	-1.1	34.0	74
4804.375000	41.9	102.0	H	0.0	40.6	1.3	32.1	74
6131.875000	45.6	102.0	V	167.0	40.2	5.4	28.4	74
6789.375000	46.0	102.0	V	21.0	40.3	5.7	28.0	74
6920.000000	47.4	102.0	V	146.0	41.2	6.2	26.6	74

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

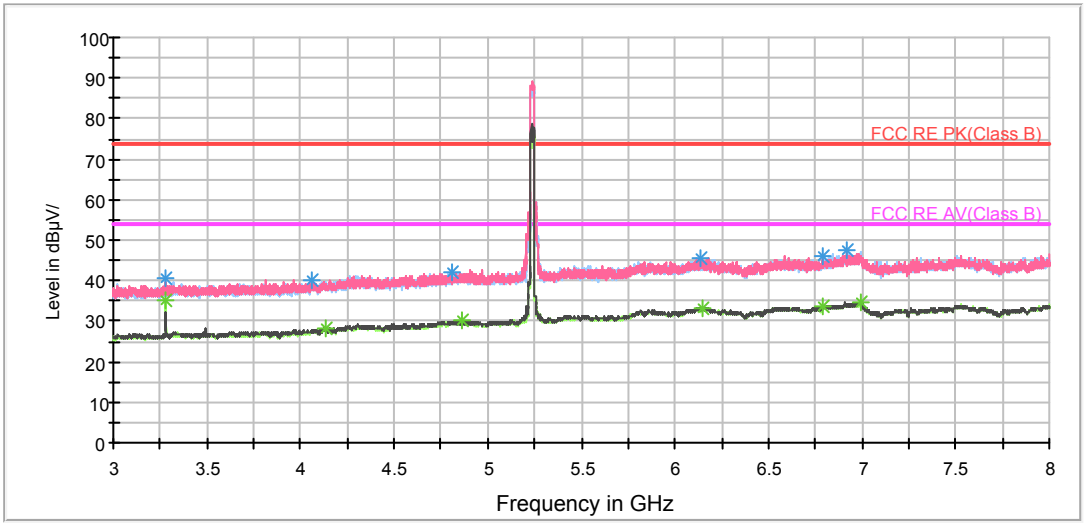
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3282.500000	35.2	102.0	H	67.0	37.3	-2.1	18.8	54
4135.625000	28.2	102.0	V	105.0	28.5	-0.3	25.8	54
4860.625000	30.1	102.0	V	0.0	28.4	1.7	23.9	54
6147.500000	33.3	102.0	H	320.0	27.8	5.5	20.7	54
6792.500000	33.4	102.0	V	0.0	27.7	5.7	20.6	54
6997.500000	34.6	102.0	V	84.0	28.1	6.5	19.4	54

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



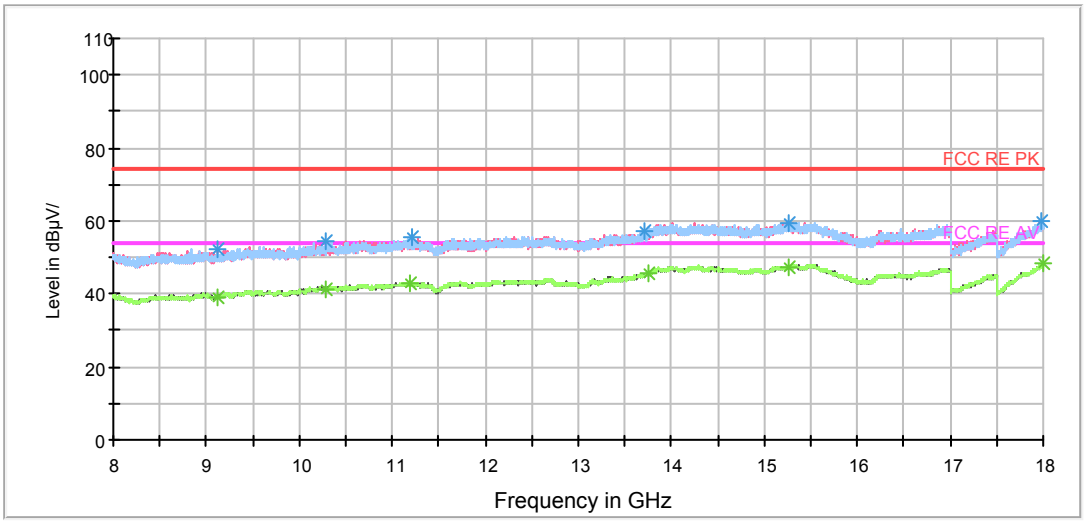
Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



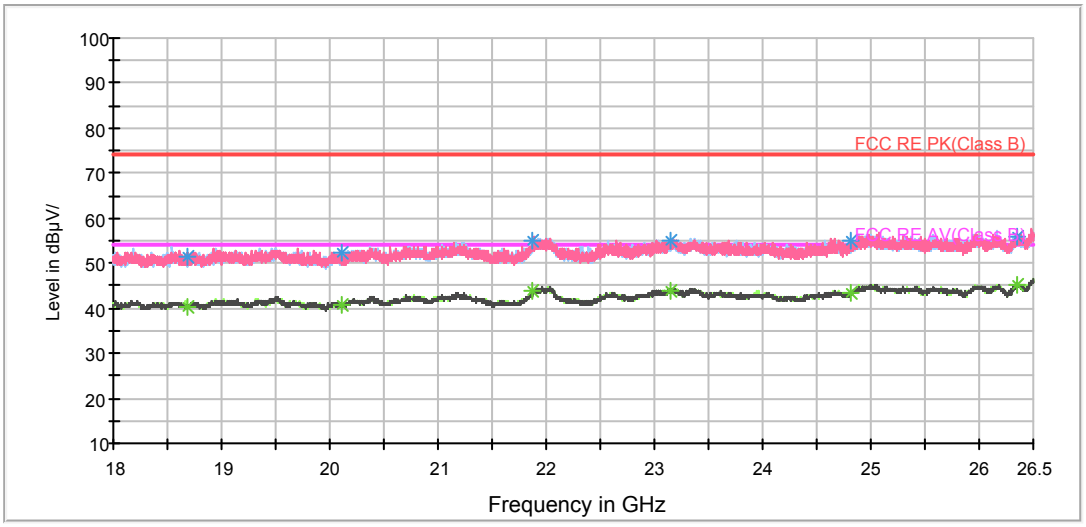
Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 8GHz

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



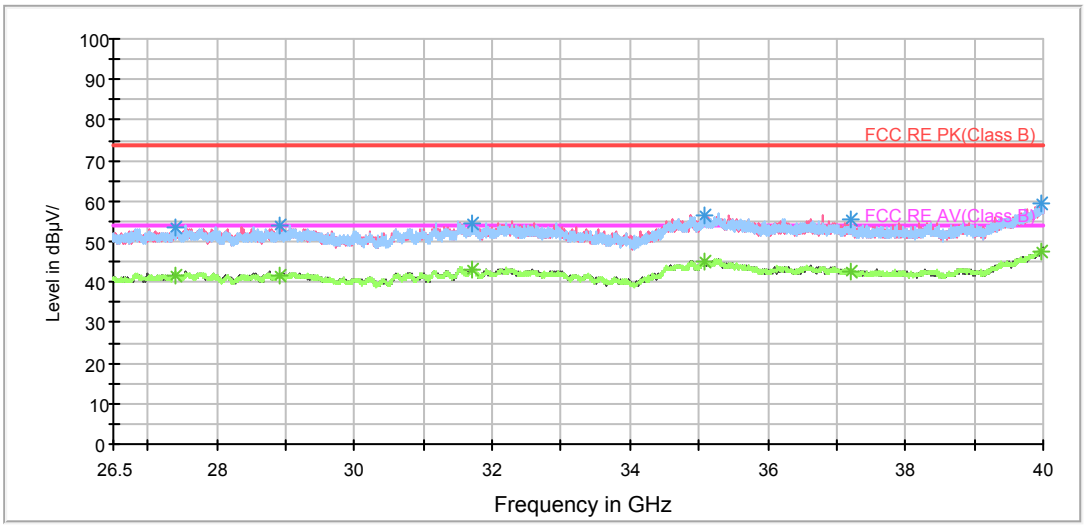
Radiates Emission from 8GHz to 18GHz

BELL_RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

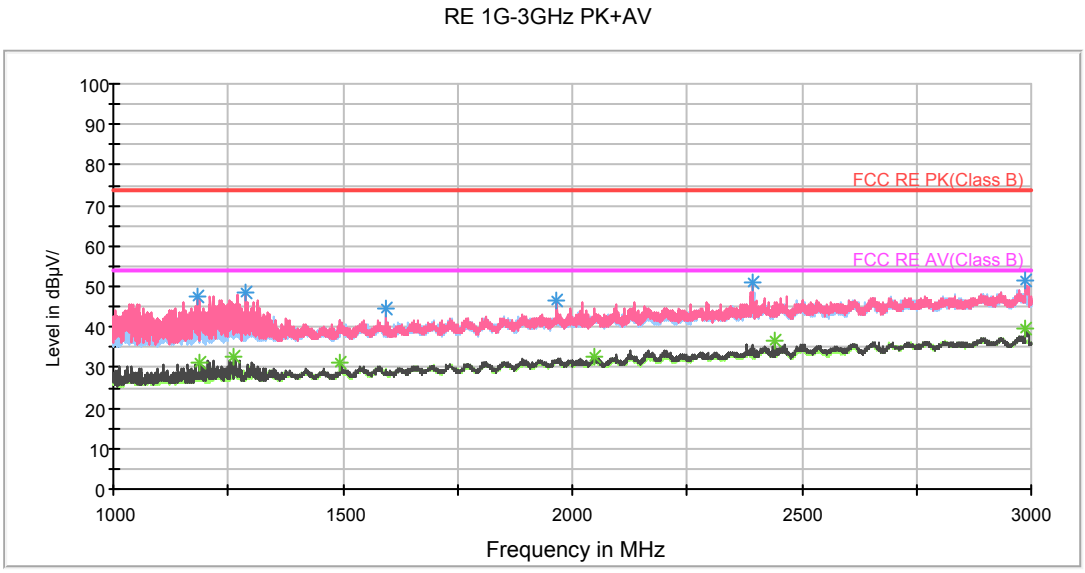
802.11n (HT20) CH52

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3282.500000	41.6	102.0	H	62.0	43.7	-2.1	32.4	74
4084.375000	40.1	102.0	H	0.0	41.0	-0.9	33.9	74
4896.875000	42.1	102.0	H	0.0	40.2	1.9	31.9	74
5909.375000	44.6	102.0	V	42.0	39.8	4.8	29.4	74
6653.125000	45.6	102.0	V	0.0	40.1	5.5	28.4	74
6982.500000	46.7	102.0	H	212.0	40.3	6.4	27.3	74

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

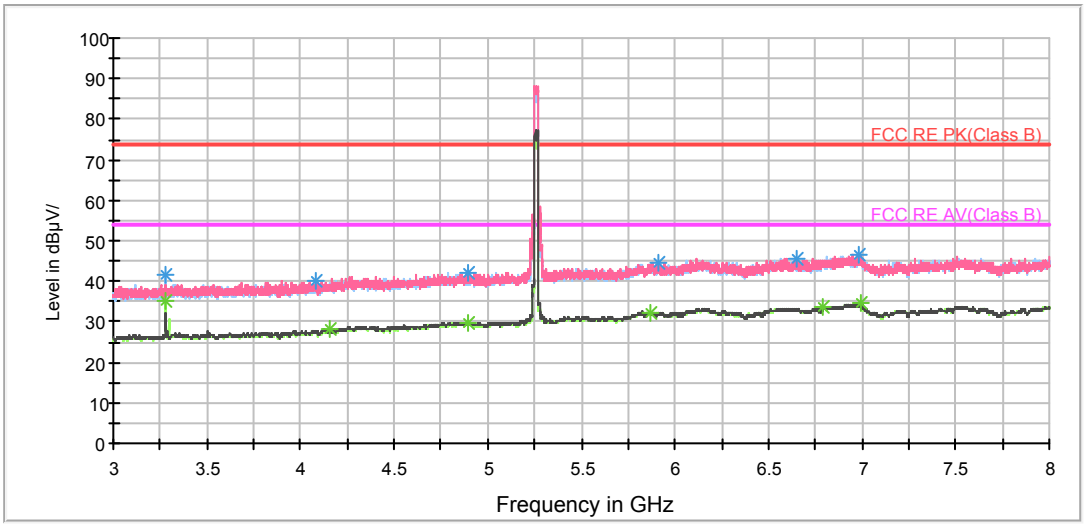
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3282.500000	35.3	102.0	H	62.0	37.4	-2.1	18.7	54
4156.250000	28.2	102.0	V	63.0	28.3	-0.1	25.8	54
4894.375000	29.9	102.0	V	0.0	28.0	1.9	24.1	54
5873.750000	32.4	102.0	V	125.0	27.5	4.9	21.6	54
6793.125000	33.6	102.0	V	253.0	27.9	5.7	20.4	54
6996.250000	34.6	102.0	V	125.0	28.1	6.5	19.4	54

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



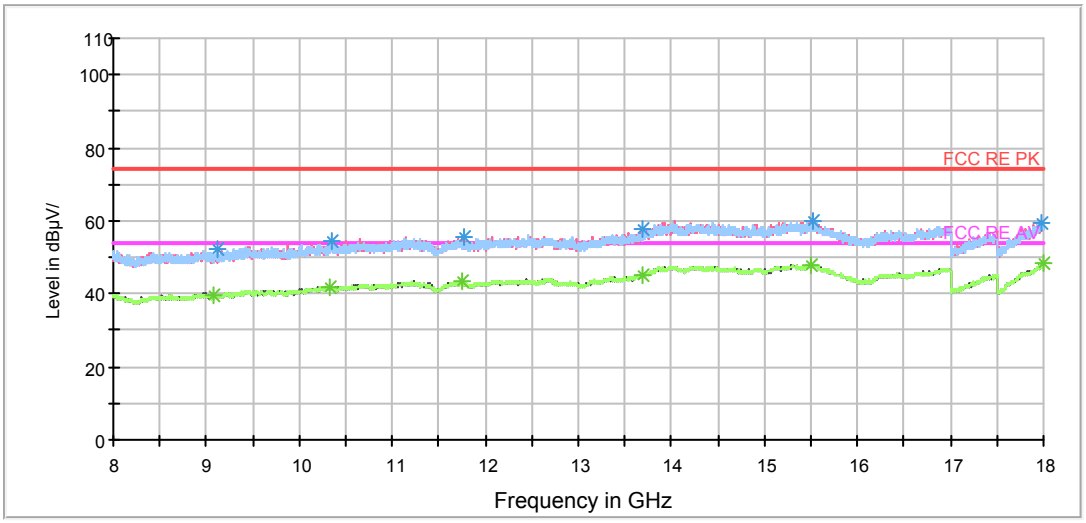
Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



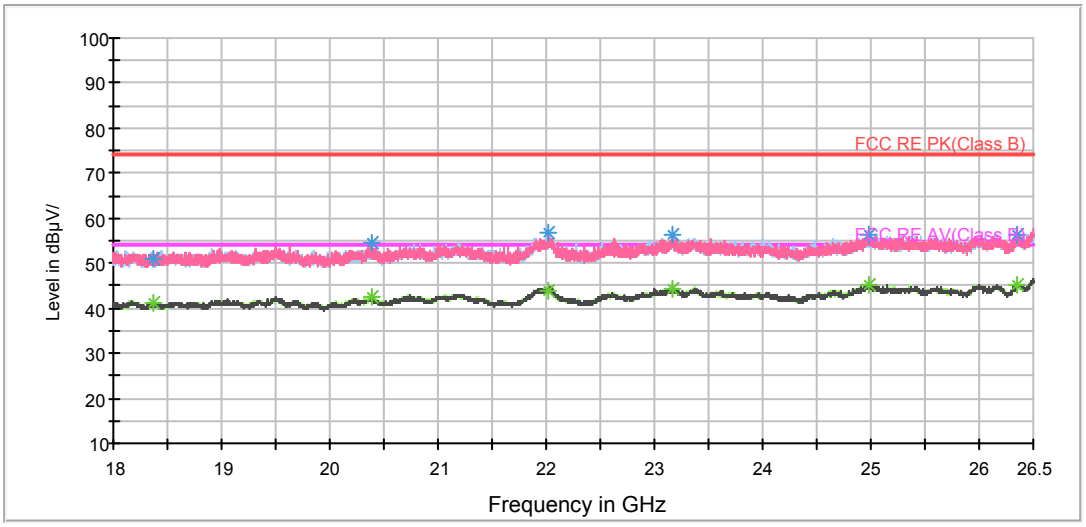
Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 8GHz

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



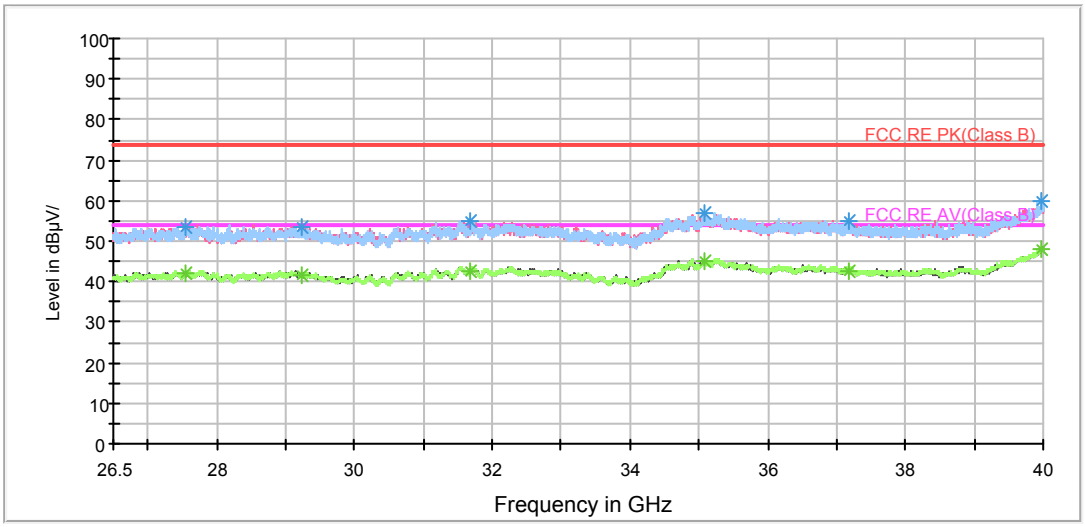
Radiates Emission from 8GHz to 18GHz

BELL_RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

802.11n (HT20) CH60

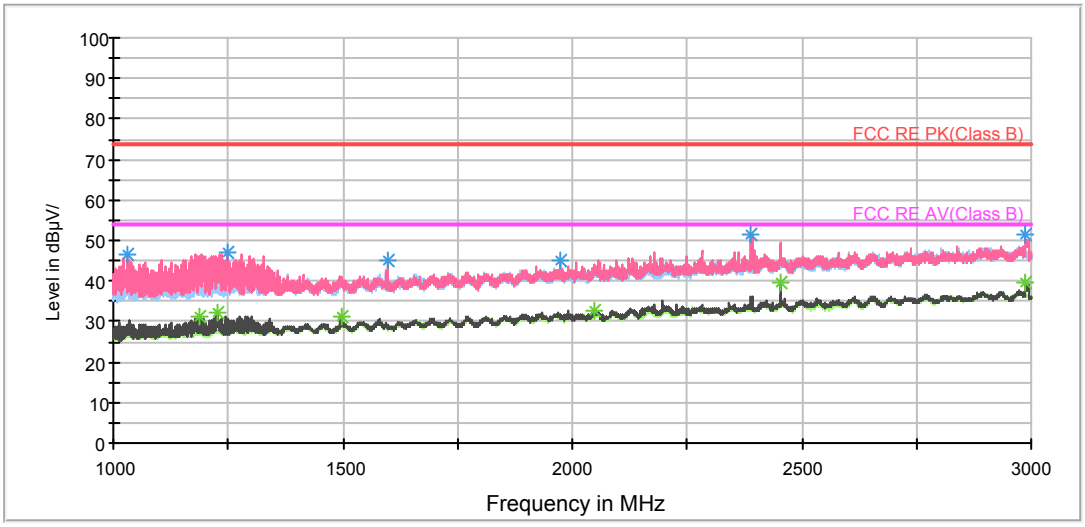
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3281.875000	41.3	102.0	H	62.0	43.4	-2.1	32.7	74
4155.000000	40.3	102.0	H	0.0	40.4	-0.1	33.7	74
4863.125000	41.9	102.0	H	191.0	40.2	1.7	32.1	74
5881.875000	45.3	102.0	V	25.0	40.4	4.9	28.7	74
6143.750000	46.1	102.0	V	0.0	40.7	5.4	27.9	74
6865.625000	47.0	102.0	H	298.0	41.1	5.9	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)
3282.500000	35.6	102.0	H	62.0	37.7	-2.1	18.4	54
3533.125000	29.7	102.0	V	149.0	31.8	-2.1	24.3	54
4867.500000	30.0	102.0	V	66.0	28.3	1.7	24.0	54
5861.250000	32.6	102.0	V	46.0	27.8	4.8	21.4	54
6793.125000	33.4	102.0	V	0.0	27.7	5.7	20.6	54
6998.125000	34.5	102.0	V	108.0	28.0	6.5	19.5	54

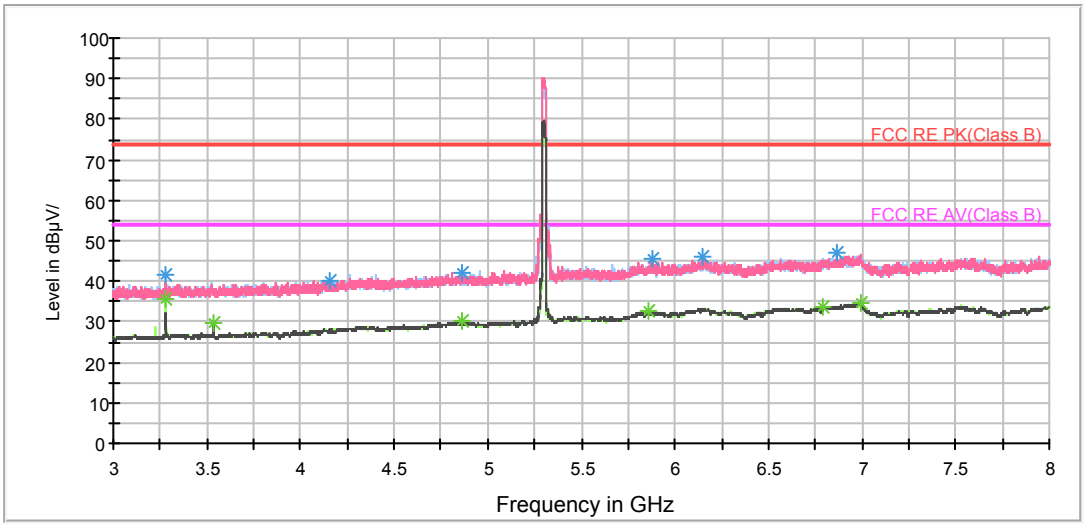
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 1G-3GHz PK+AV



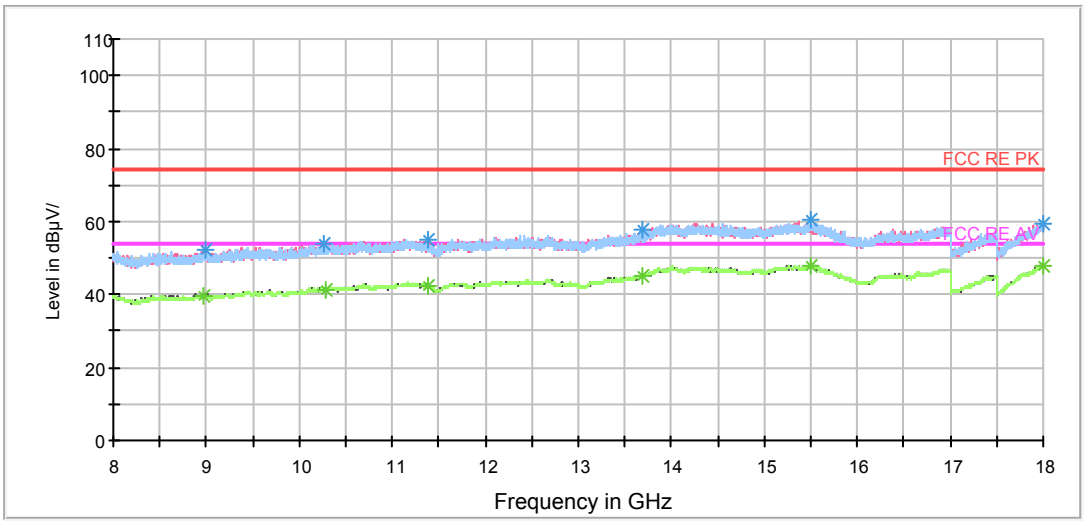
Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



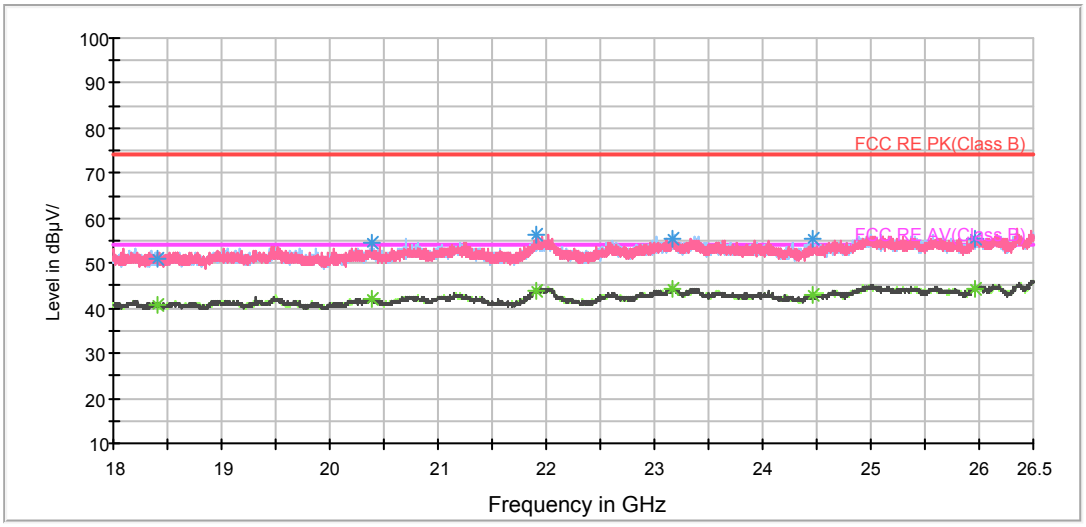
Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 8GHz

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



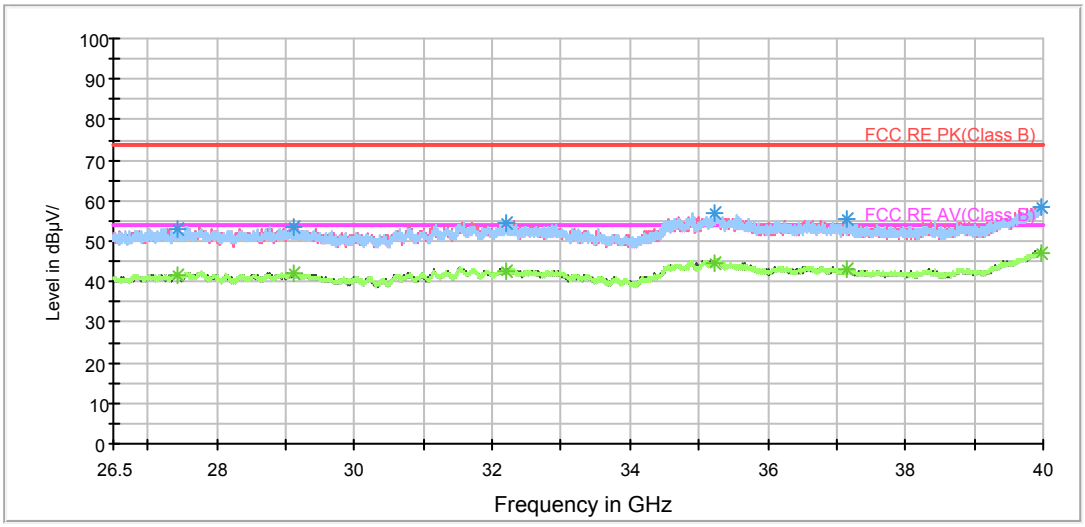
Radiates Emission from 8GHz to 18GHz

BELL_RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

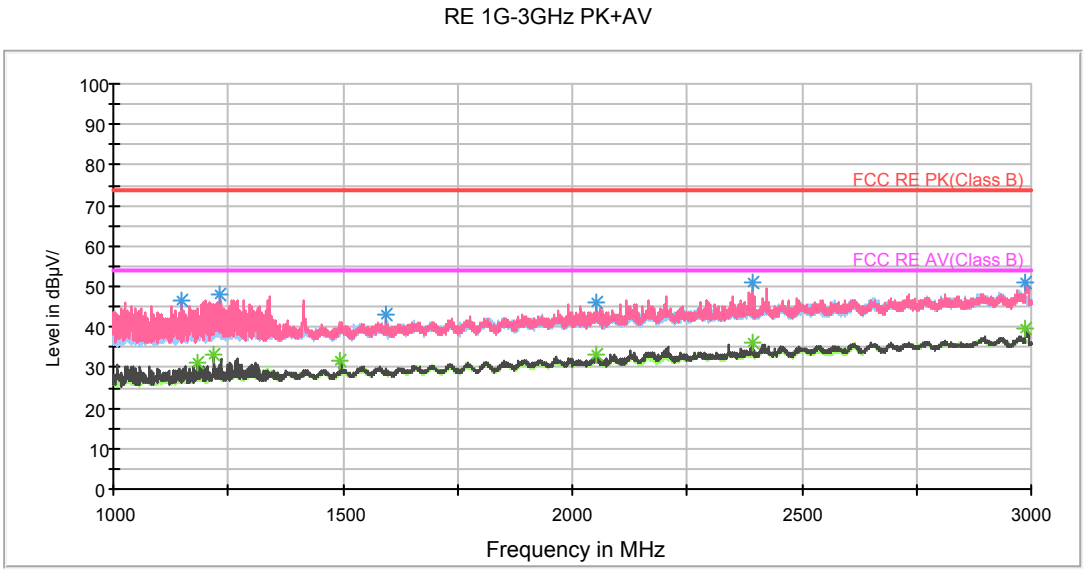
802.11n (HT20) CH64

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3282.500000	41.4	102.0	H	63.0	43.5	-2.1	32.6	74
4011.250000	40.4	102.0	V	102.0	41.5	-1.1	33.6	74
4751.250000	42.2	102.0	V	208.0	41.2	1.0	31.8	74
6145.625000	45.3	102.0	V	0.0	39.9	5.4	28.7	74
6589.375000	46.3	102.0	V	0.0	40.7	5.6	27.7	74
6952.500000	46.6	102.0	V	0.0	40.4	6.2	27.4	74

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

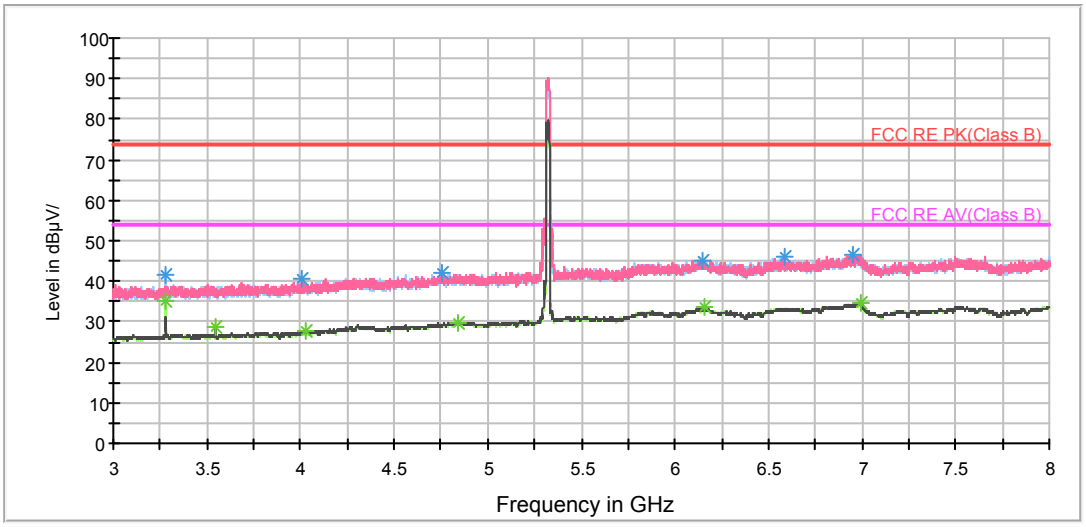
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3282.500000	35.3	102.0	H	63.0	37.4	-2.1	18.7	54
3546.250000	28.6	102.0	V	82.0	30.8	-2.2	25.4	54
4031.875000	27.5	102.0	V	294.0	28.6	-1.1	26.5	54
4843.125000	29.8	102.0	V	166.0	28.2	1.6	24.2	54
6153.125000	33.5	102.0	V	0.0	27.9	5.6	20.5	54
6998.750000	34.6	102.0	V	0.0	28.1	6.5	19.4	54

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



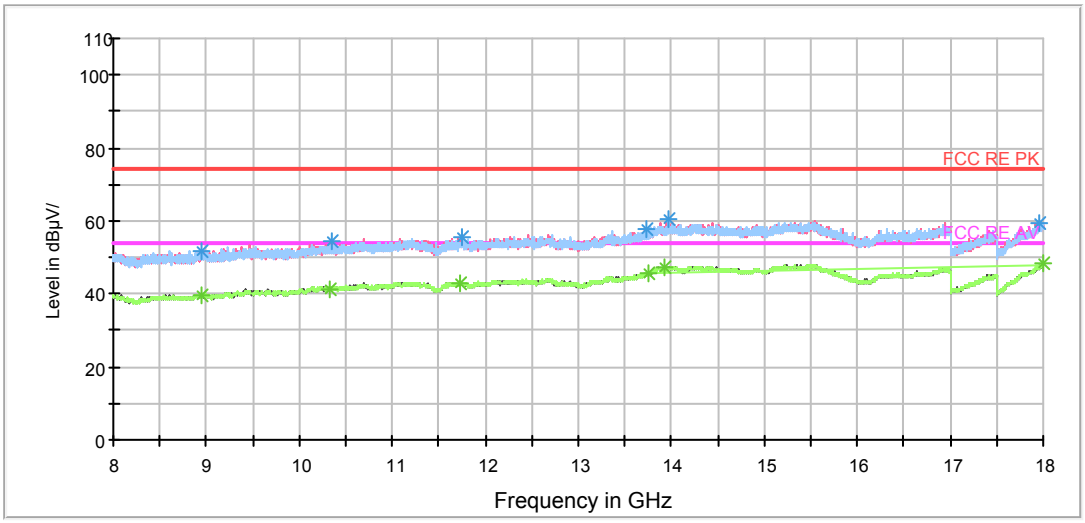
Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



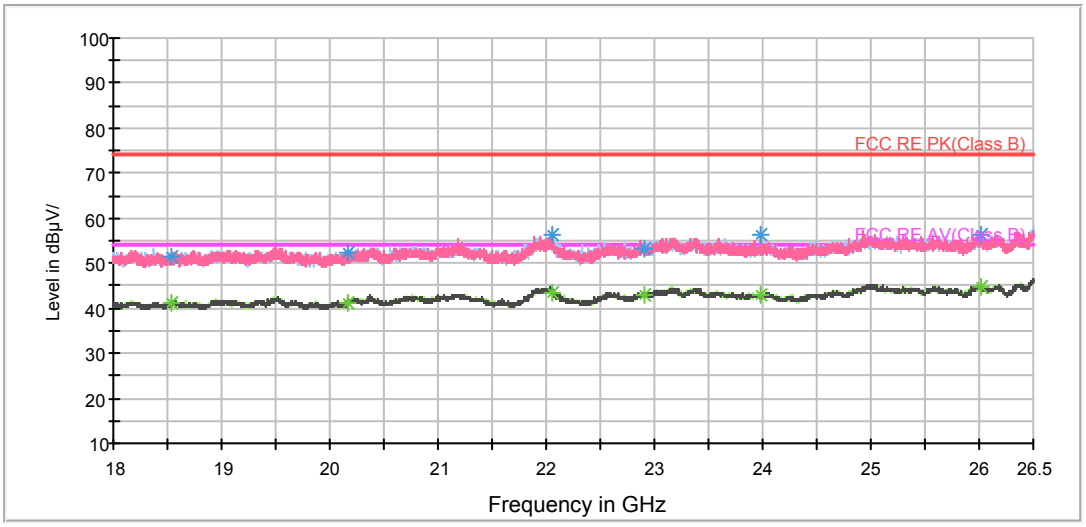
Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 8GHz

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



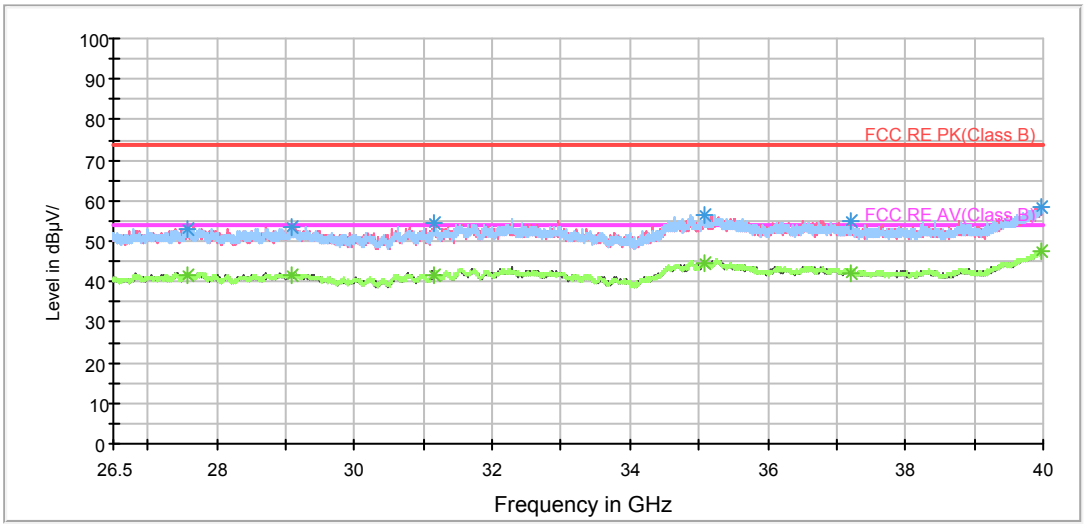
Radiates Emission from 8GHz to 18GHz

BELL_RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

802.11n (HT20) CH100

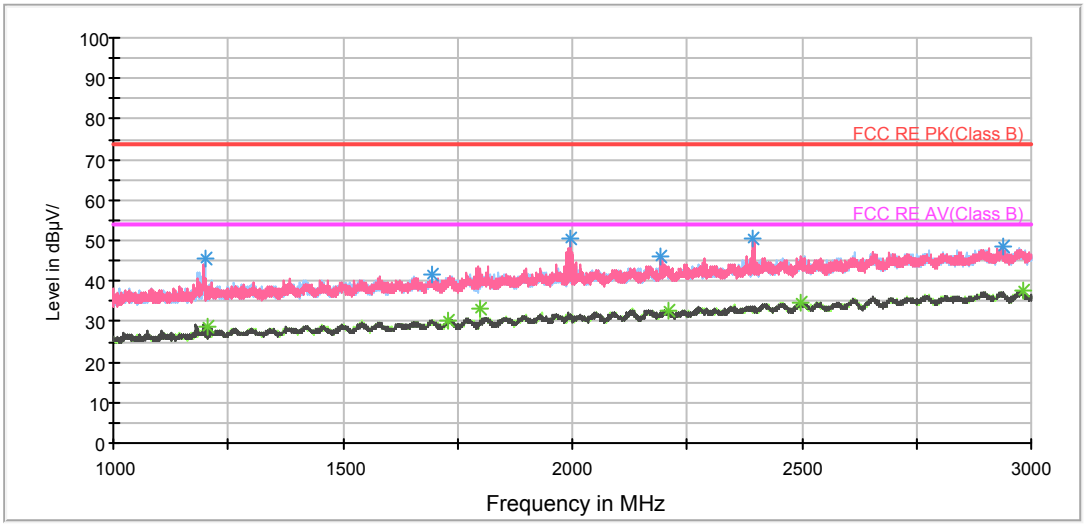
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3282.500000	42.0	102.0	H	63.0	44.1	-2.1	32.0	74
4156.250000	40.0	102.0	H	0.0	40.1	-0.1	34.0	74
4889.375000	42.1	102.0	H	237.0	40.2	1.9	31.9	74
6148.125000	45.7	102.0	H	301.0	40.2	5.5	28.3	74
6803.750000	45.8	102.0	H	0.0	40.0	5.8	28.2	74
6969.375000	46.8	102.0	V	0.0	40.5	6.3	27.2	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)
3282.500000	35.5	102.0	H	63.0	37.6	-2.1	18.5	54
4128.125000	28.1	102.0	H	342.0	28.5	-0.4	25.9	54
4868.750000	29.8	102.0	H	89.0	28.1	1.7	24.2	54
6153.125000	33.2	102.0	V	0.0	27.6	5.6	20.8	54
6793.125000	33.4	102.0	V	0.0	27.7	5.7	20.6	54
6997.500000	34.6	102.0	V	0.0	28.1	6.5	19.4	54

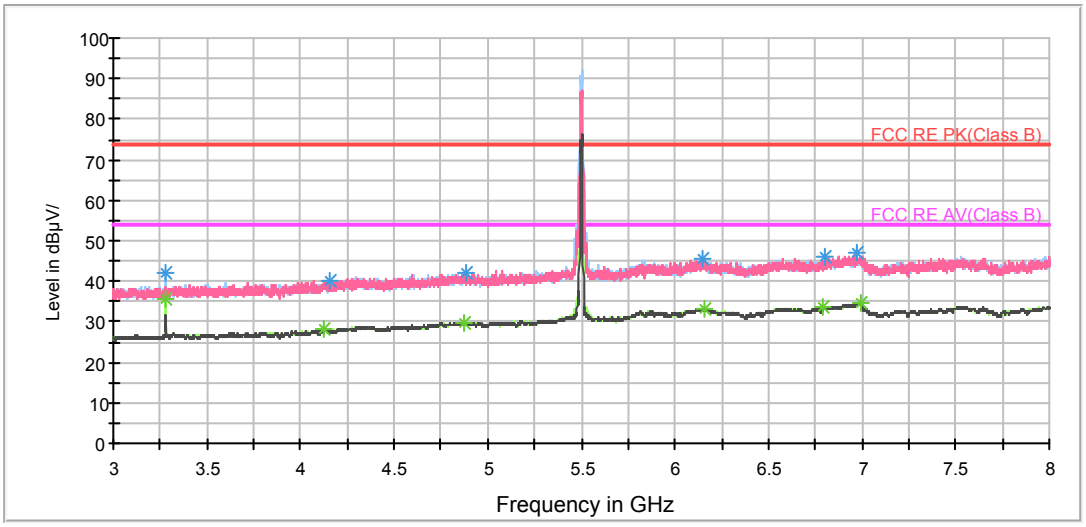
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 1G-3GHz PK+AV



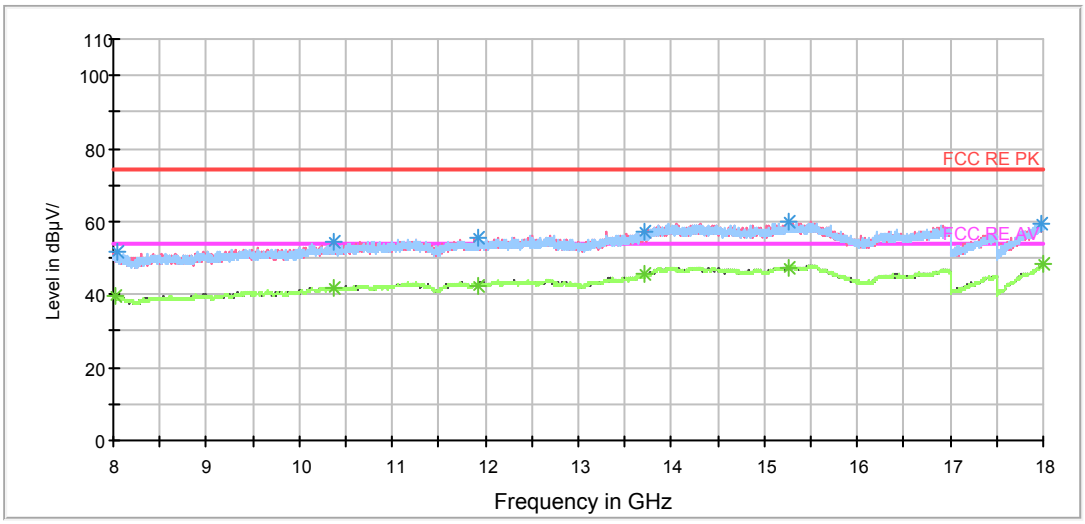
Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



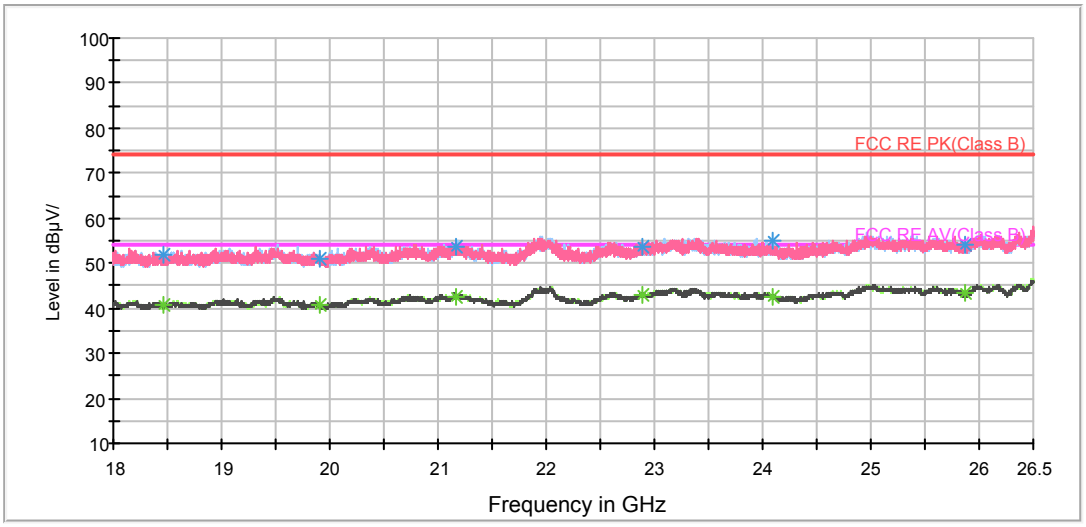
Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 8GHz

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



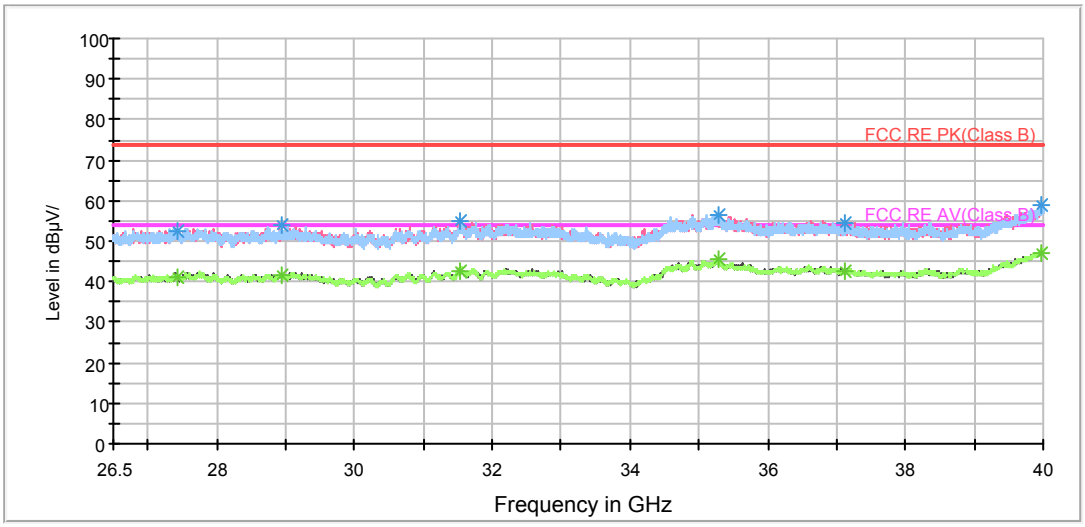
Radiates Emission from 8GHz to 18GHz

BELL_RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

802.11n (HT20) CH116

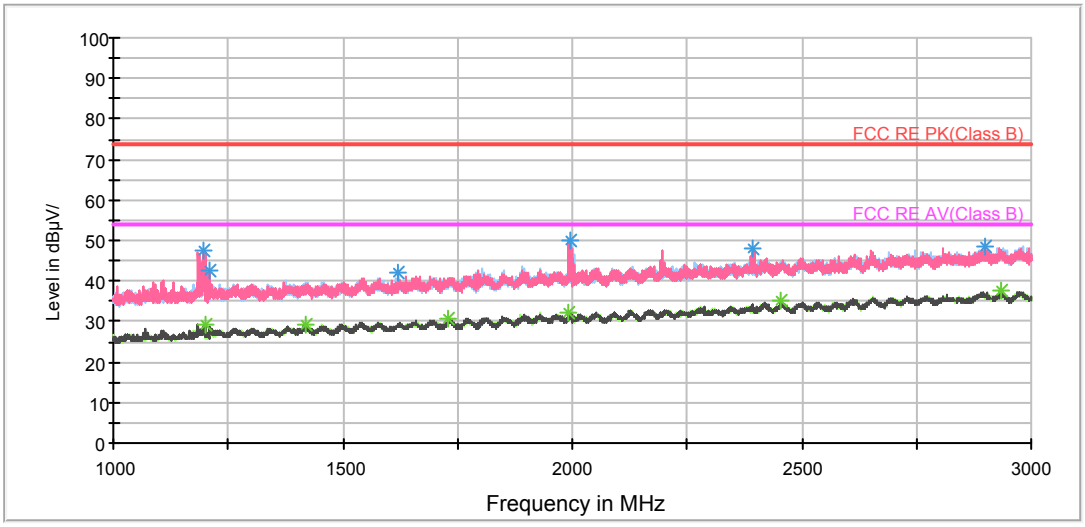
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3282.500000	41.4	102.0	H	63.0	43.5	-2.1	32.6	74
4089.375000	40.1	102.0	H	0.0	41.0	-0.9	33.9	74
4875.000000	42.7	102.0	H	107.0	40.9	1.8	31.3	74
6163.750000	45.2	102.0	V	63.0	39.6	5.6	28.8	74
6507.500000	46.0	102.0	H	358.0	40.6	5.4	28.0	74
6995.000000	47.5	102.0	V	210.0	41.0	6.5	26.5	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)
3282.500000	35.7	102.0	H	63.0	37.8	-2.1	18.3	54
4125.625000	28.1	102.0	V	1.0	28.5	-0.4	25.9	54
4867.500000	29.9	102.0	V	0.0	28.2	1.7	24.1	54
6158.125000	33.4	102.0	H	85.0	27.8	5.6	20.6	54
6542.500000	33.2	102.0	H	254.0	27.8	5.4	20.8	54
6999.375000	34.7	102.0	V	0.0	28.2	6.5	19.3	54

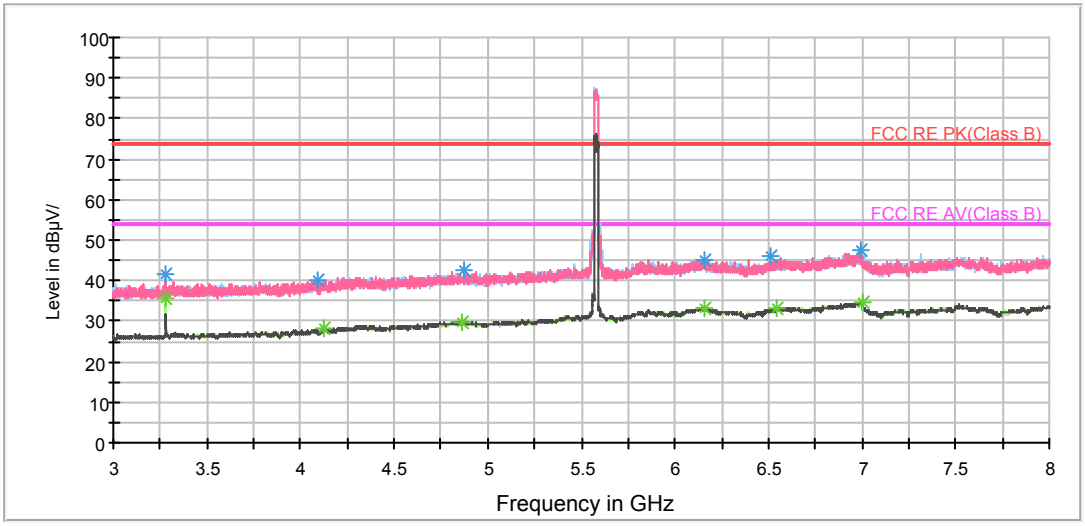
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 1G-3GHz PK+AV



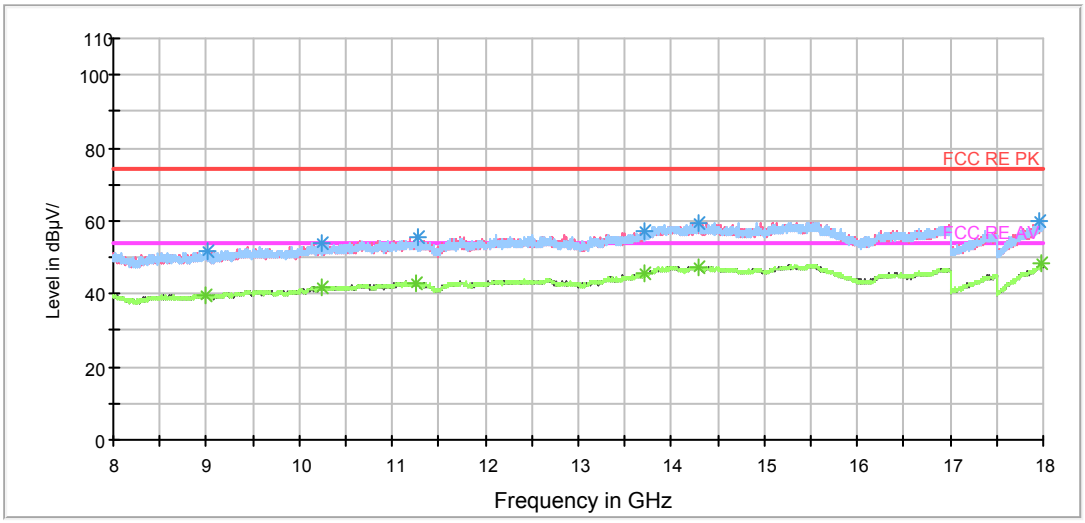
Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



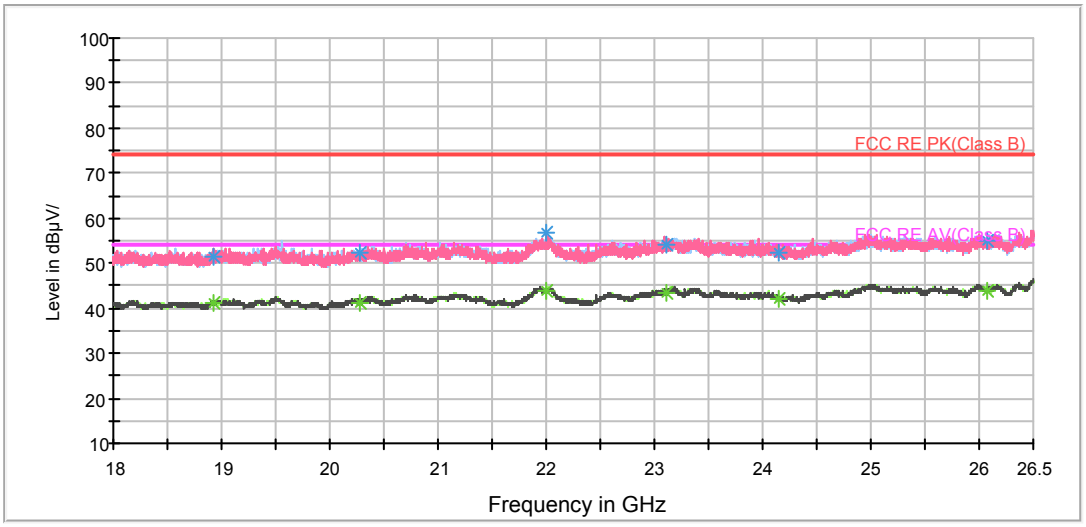
Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 8GHz

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



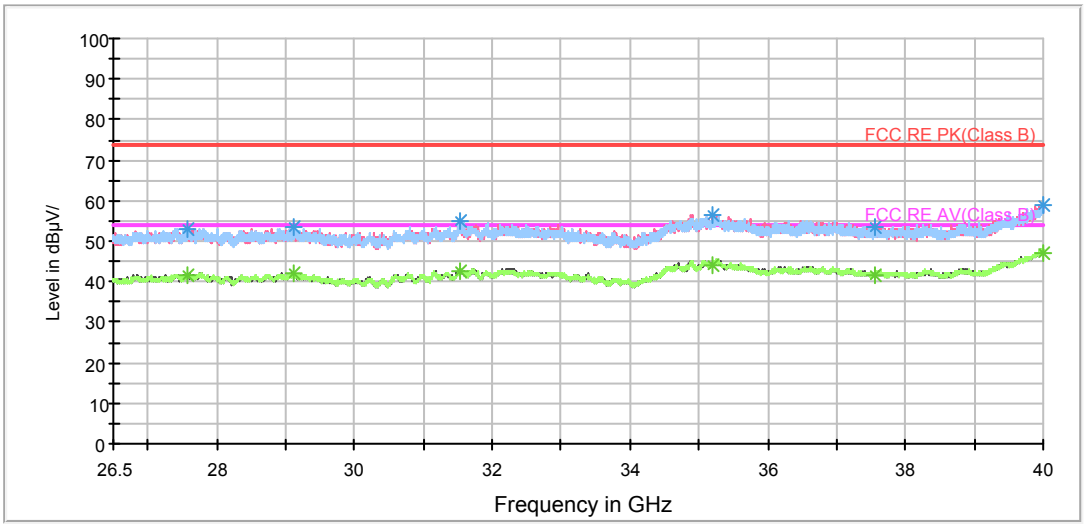
Radiates Emission from 8GHz to 18GHz

BELL_RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

802.11n (HT20) CH140

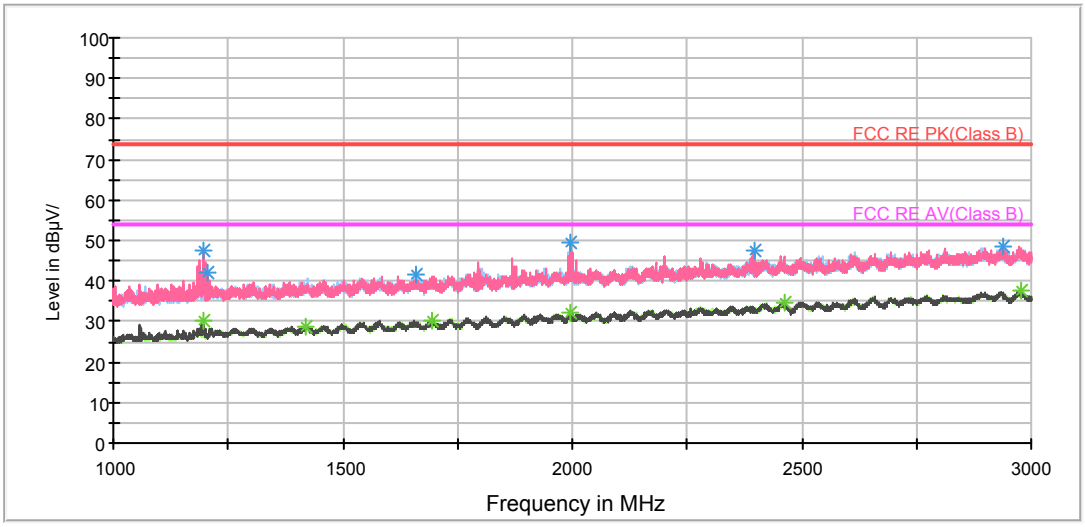
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3282.500000	41.3	102.0	H	63.0	43.4	-2.1	32.7	74
3996.250000	40.0	102.0	H	298.0	41.1	-1.1	34.0	74
4883.750000	42.7	102.0	V	275.0	40.8	1.9	31.3	74
6156.250000	46.0	102.0	V	0.0	40.4	5.6	28.0	74
6798.750000	45.2	102.0	H	0.0	39.4	5.8	28.8	74
6998.750000	46.9	102.0	V	124.0	40.4	6.5	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)
3282.500000	35.4	102.0	H	63.0	37.5	-2.1	18.6	54
3800.000000	28.3	102.0	H	0.0	30.0	-1.7	25.7	54
4860.000000	29.8	102.0	V	145.0	28.1	1.7	24.2	54
6149.375000	33.3	102.0	V	0.0	27.8	5.5	20.7	54
6788.125000	33.4	102.0	H	235.0	27.7	5.7	20.6	54
6998.125000	34.8	102.0	V	145.0	28.3	6.5	19.2	54

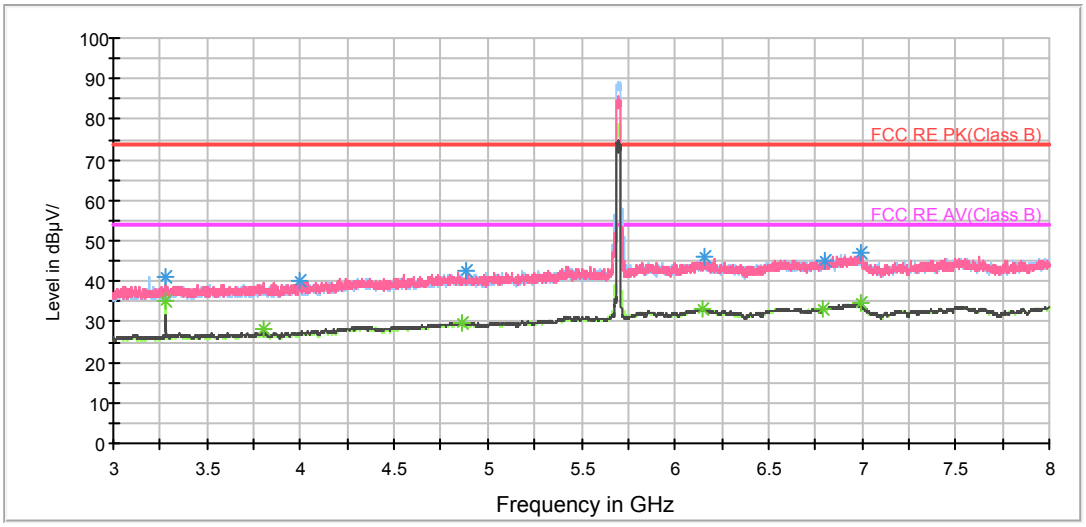
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 1G-3GHz PK+AV



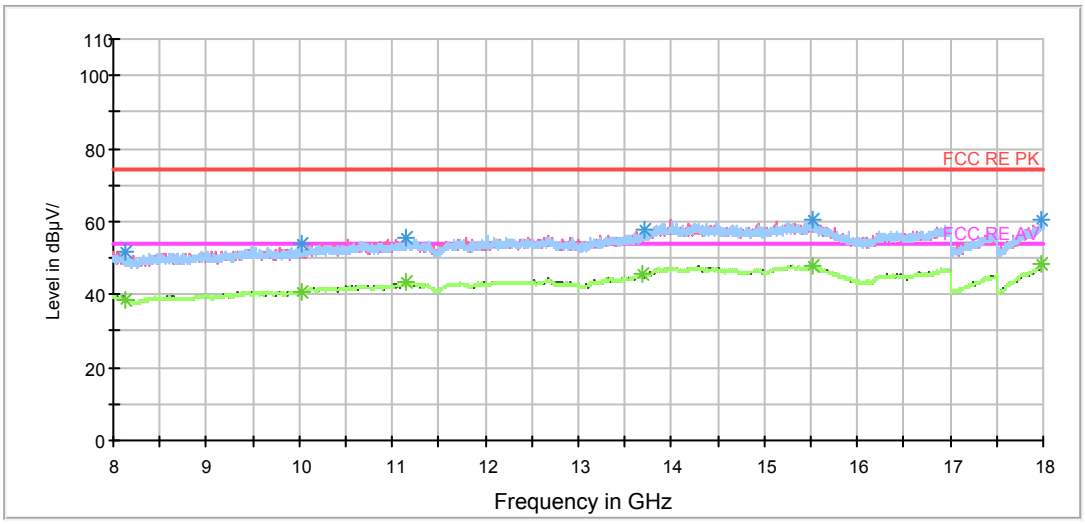
Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



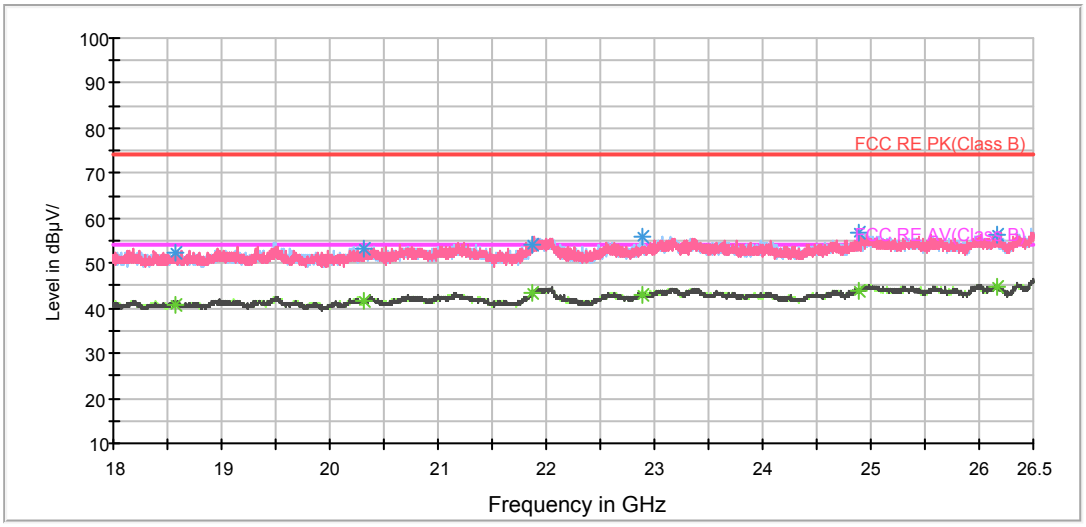
Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 8GHz

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



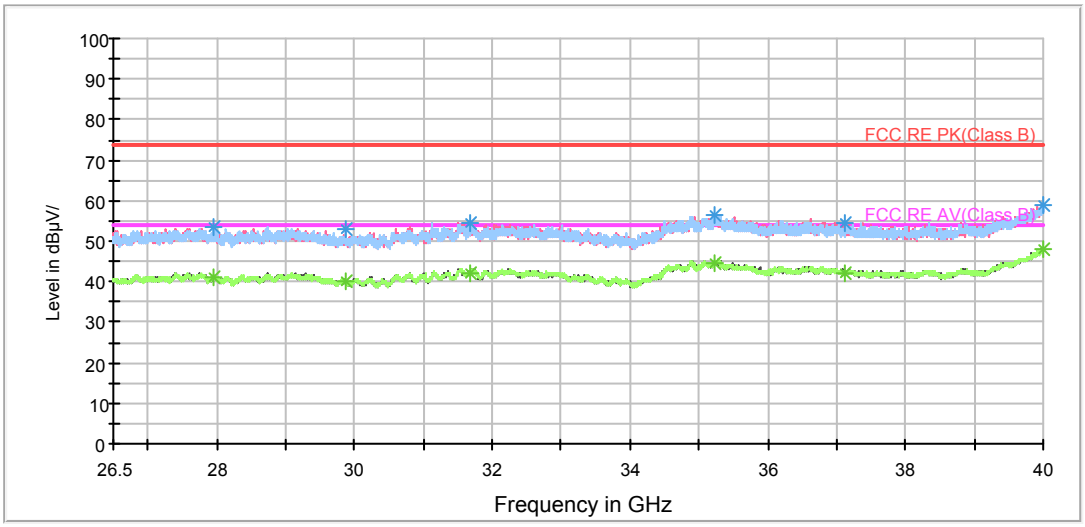
Radiates Emission from 8GHz to 18GHz

BELL_RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

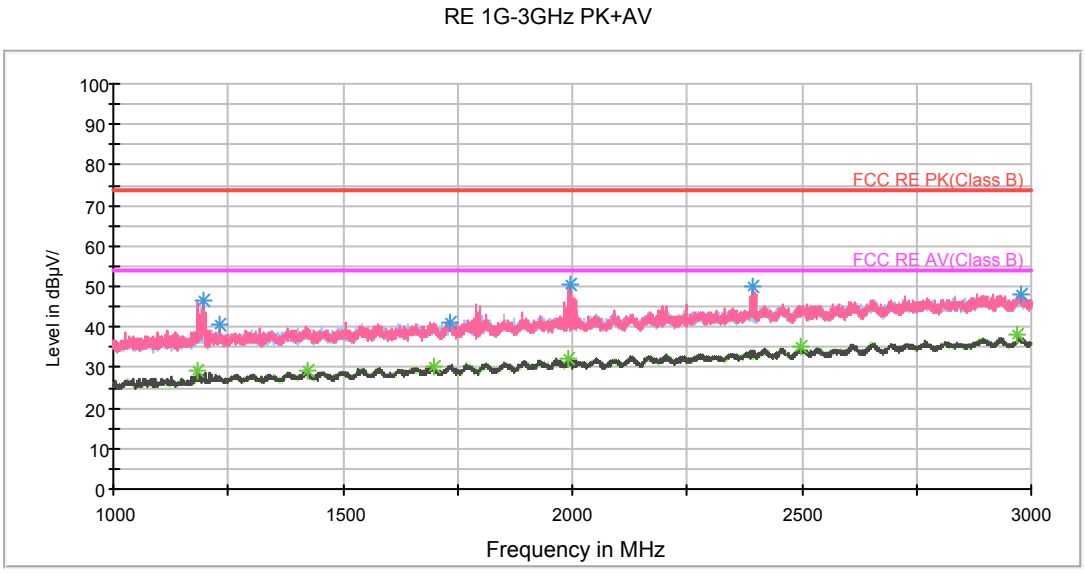
802.11n (HT20) CH149

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3483.125000	39.7	210.0	H	0.0	41.7	-2.0	34.3	74
3830.000000	41.6	210.0	H	148.0	43.3	-1.7	32.4	74
4745.000000	42.6	210.0	H	45.0	41.7	0.9	31.4	74
5429.375000	44.5	210.0	H	148.0	41.7	2.8	29.5	74
6106.250000	45.8	111.0	V	24.0	40.6	5.2	28.2	74
6999.375000	47.1	111.0	V	107.0	40.6	6.5	26.9	74

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

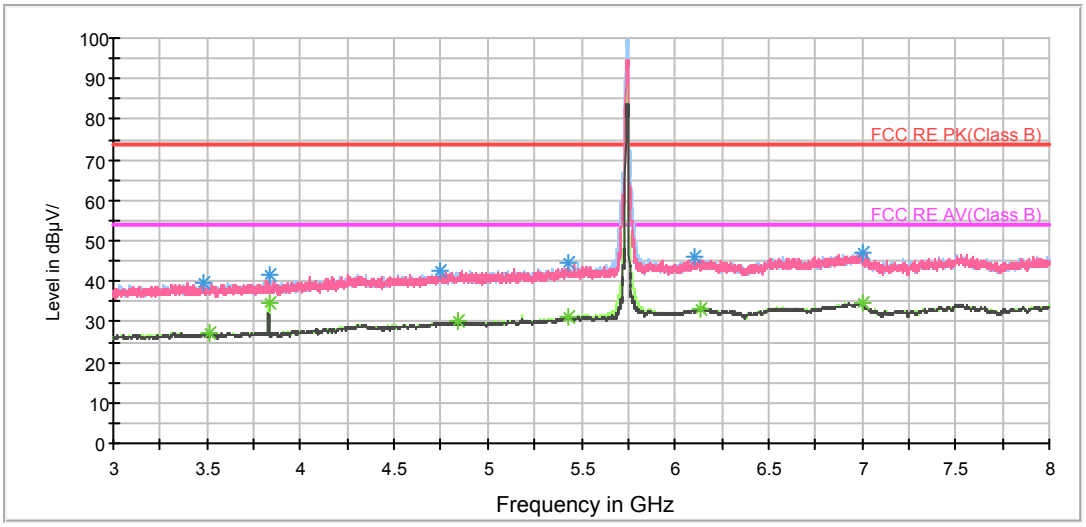
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3516.875000	27.1	210.0	H	170.0	29.1	-2.0	26.9	54
3830.000000	34.8	210.0	H	148.0	36.5	-1.7	19.2	54
4845.000000	30.1	111.0	V	0.0	28.5	1.6	23.9	54
5435.000000	31.4	210.0	H	0.0	28.6	2.8	22.6	54
6136.250000	33.3	210.0	H	0.0	27.9	5.4	20.7	54
7000.000000	34.8	111.0	V	0.0	28.2	6.6	19.2	54

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



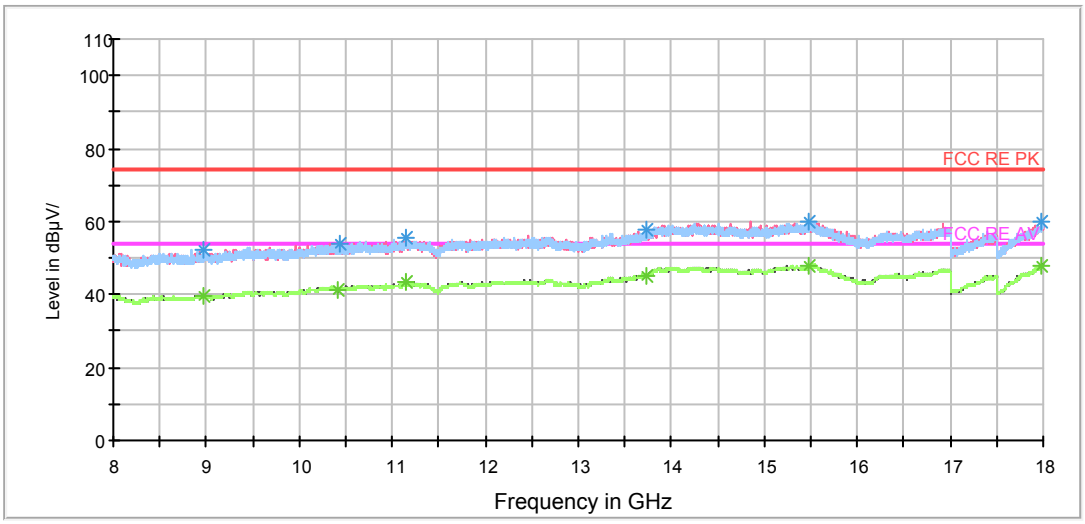
Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



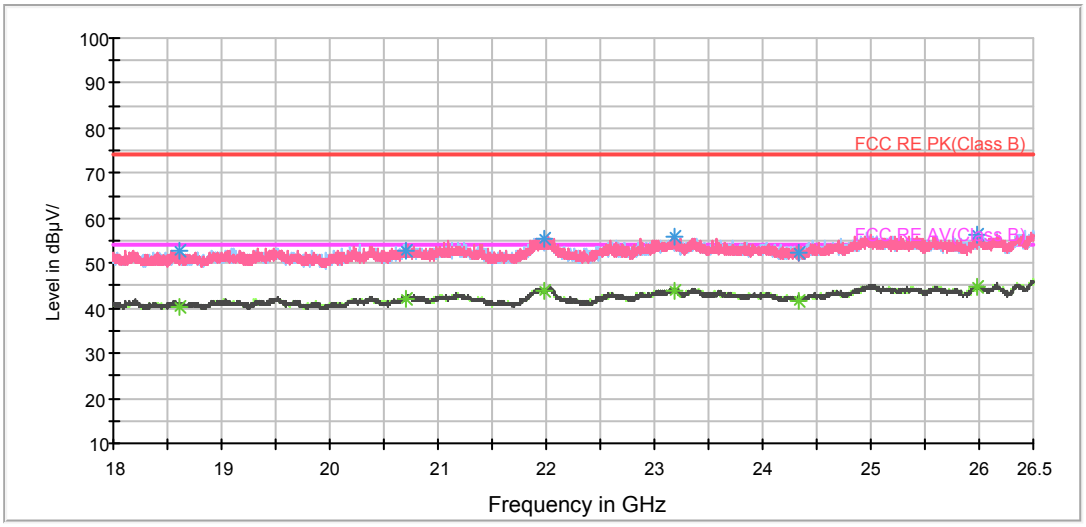
Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 8GHz

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



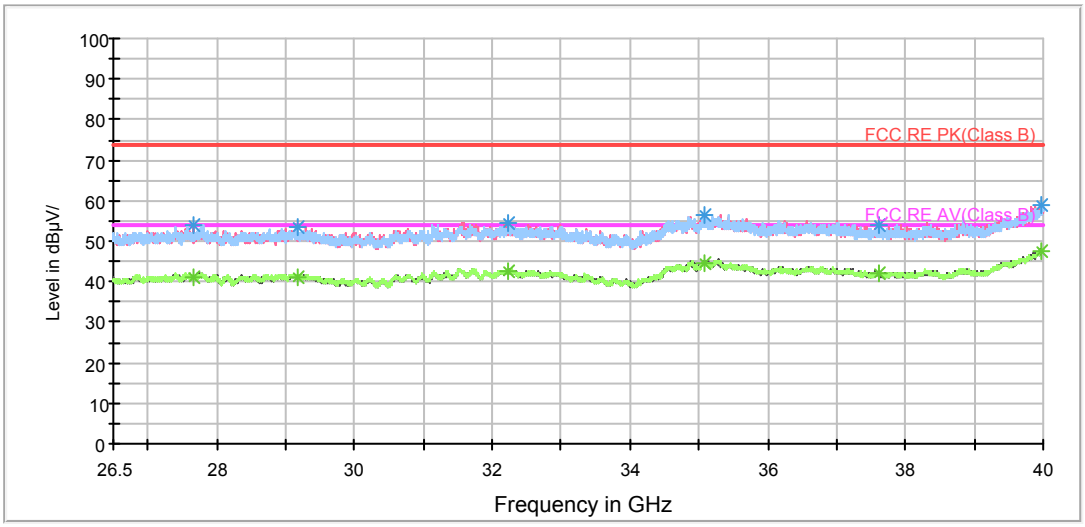
Radiates Emission from 8GHz to 18GHz

BELL_RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

802.11n (HT20) CH157

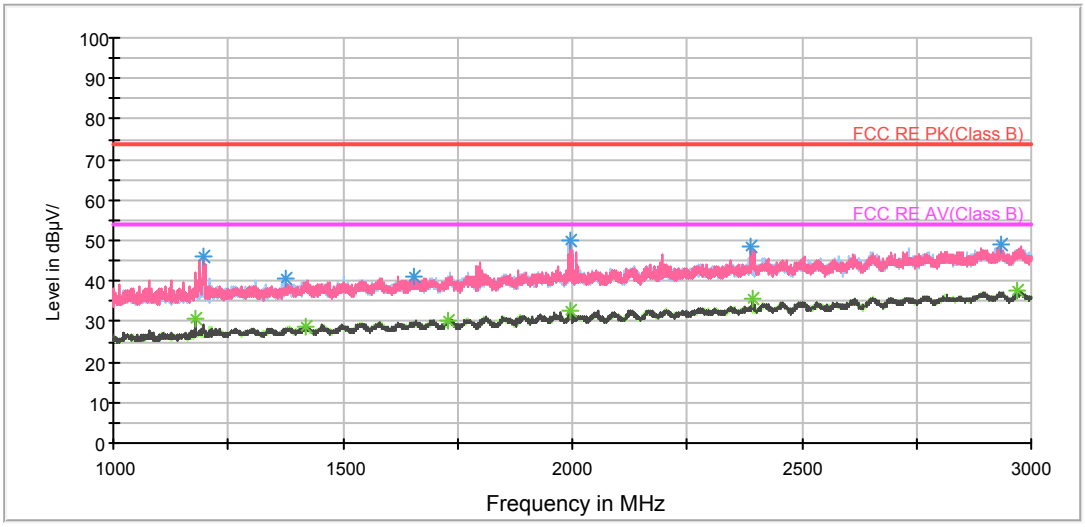
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3362.500000	40.6	111.0	V	253.0	42.9	-2.3	33.4	74
3856.250000	42.9	210.0	H	255.0	44.5	-1.6	31.1	74
4867.500000	42.5	210.0	H	0.0	40.8	1.7	31.5	74
6089.375000	45.2	210.0	H	25.0	40.0	5.2	28.8	74
6871.875000	47.7	210.0	V	0.0	41.8	5.9	26.3	74
7501.250000	47.1	111.0	V	190.0	40.2	6.9	26.9	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)
3351.250000	27.2	210.0	H	0.0	29.5	-2.3	26.8	54
3856.250000	35.5	111.0	H	279.0	37.1	-1.6	18.5	54
4863.750000	30.0	111.0	V	0.0	28.3	1.7	24.0	54
6058.750000	32.9	111.0	V	25.0	28.1	4.8	21.1	54
6996.250000	34.8	111.0	V	297.0	28.3	6.5	19.2	54
7521.875000	34.1	210.0	H	0.0	27.0	7.1	19.9	54

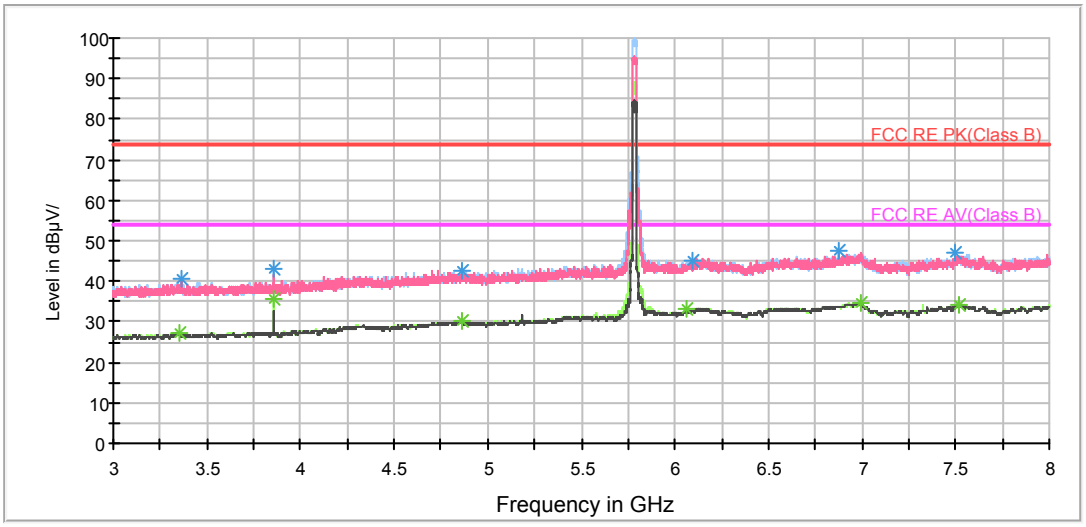
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 1G-3GHz PK+AV



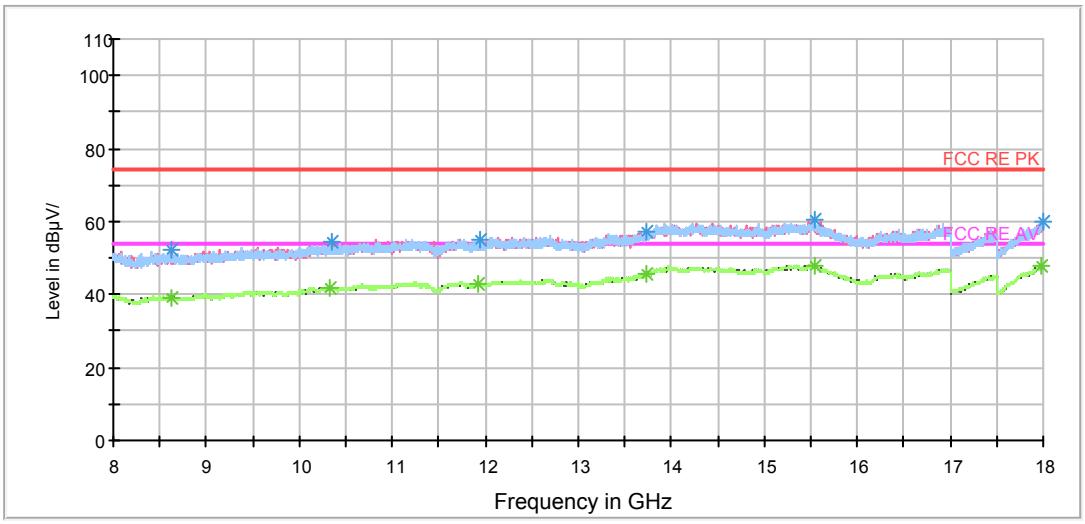
Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



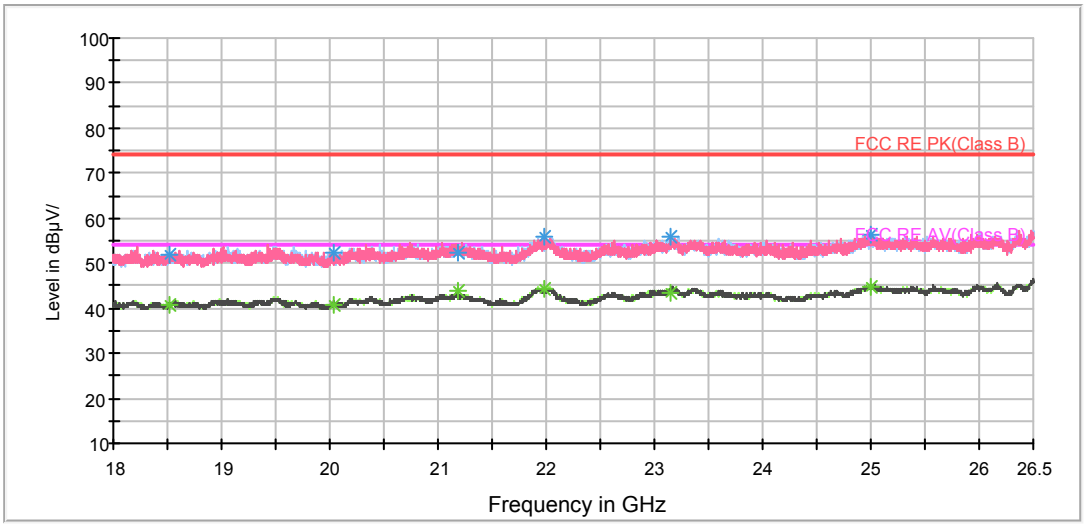
Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 8GHz

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



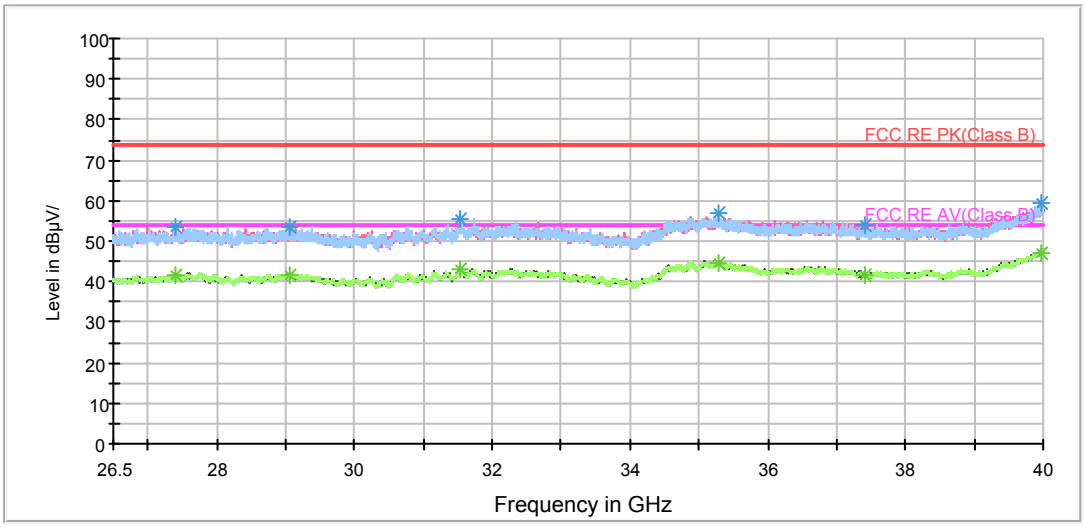
Radiates Emission from 8GHz to 18GHz

BELL_RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

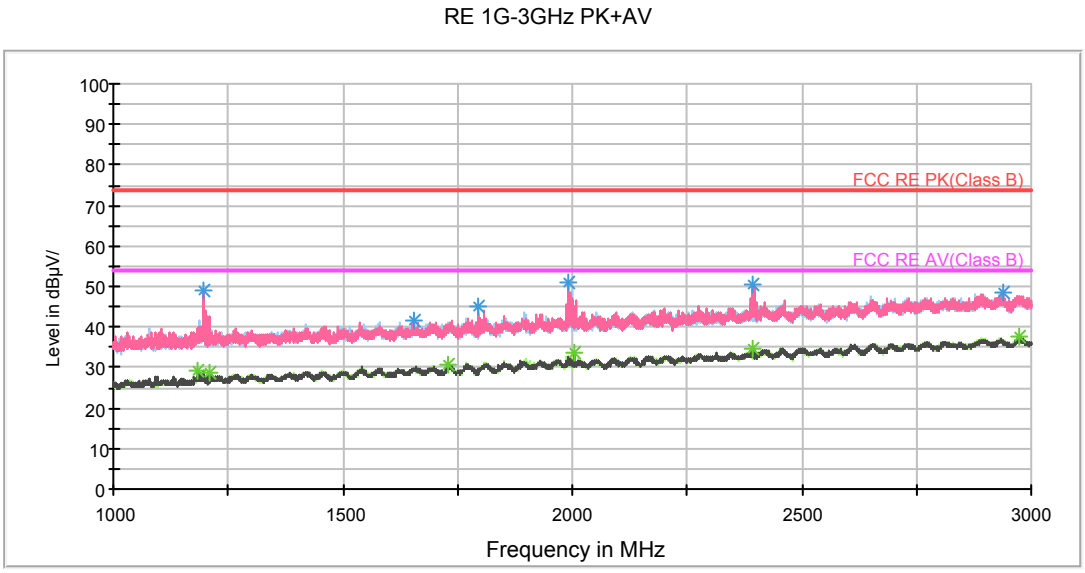
802.11n (HT20) CH165

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3526.875000	39.9	210.0	H	0.0	41.9	-2.0	34.1	74
4056.250000	41.3	111.0	V	24.0	42.4	-1.1	32.7	74
4755.000000	42.7	210.0	V	190.0	41.6	1.1	31.3	74
5768.125000	46.0	111.0	H	169.0	42.3	3.7	28.0	74
6130.625000	46.2	210.0	V	169.0	40.8	5.4	27.8	74
6945.000000	47.0	111.0	H	0.0	40.9	6.1	27.0	74

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

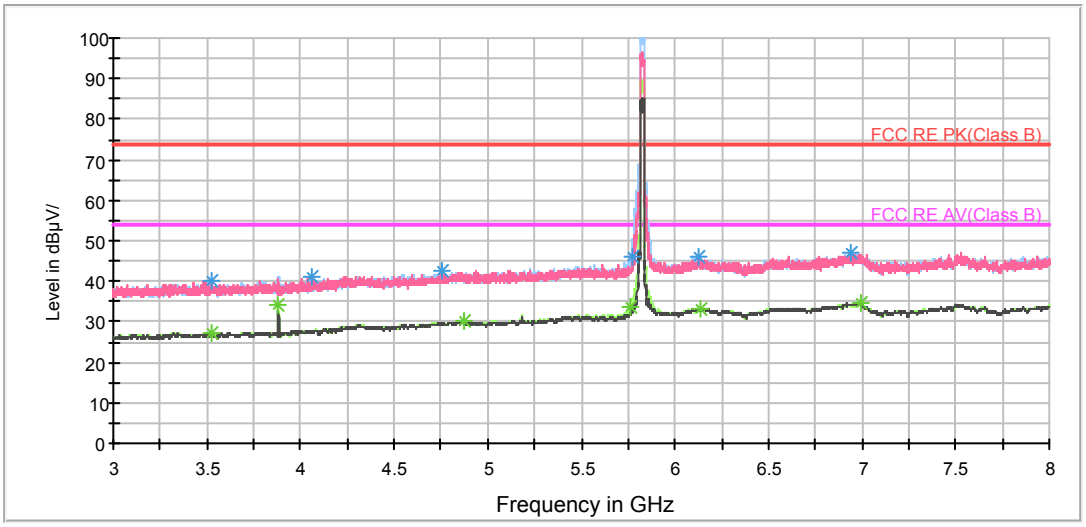
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3520.625000	27.2	210.0	H	23.0	29.2	-2.0	26.8	54
3883.125000	34.2	210.0	H	253.0	35.5	-1.3	19.8	54
4870.625000	30.1	210.0	H	170.0	28.3	1.8	23.9	54
5766.250000	33.9	210.0	H	149.0	30.2	3.7	20.1	54
6134.375000	33.4	210.0	H	66.0	28.0	5.4	20.6	54
6995.000000	34.8	111.0	V	107.0	28.3	6.5	19.2	54

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



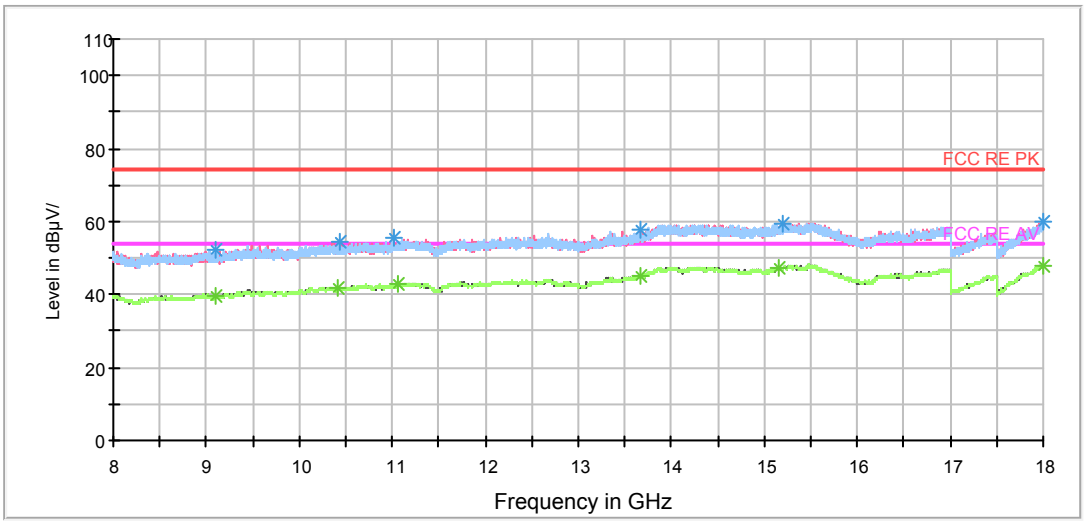
Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



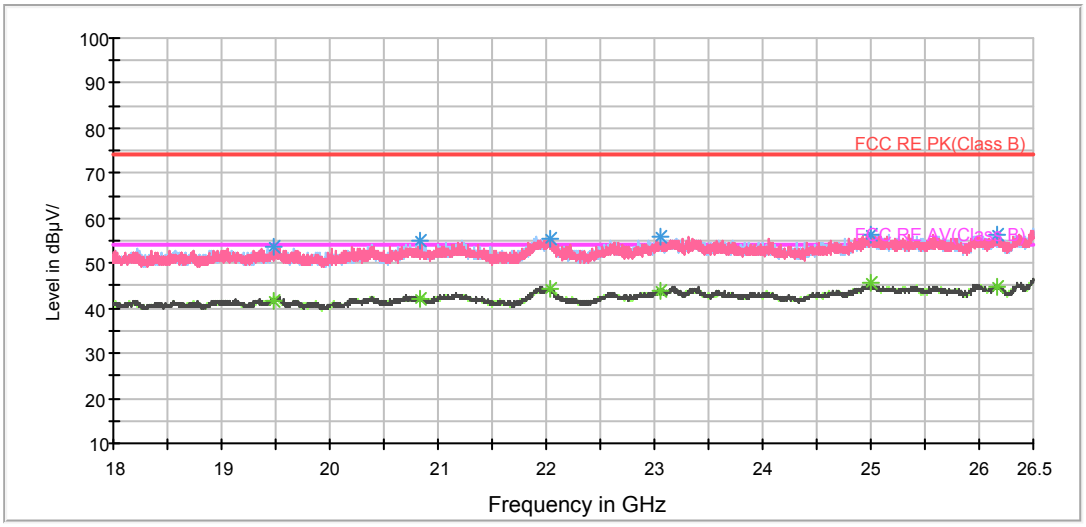
Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 8GHz

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



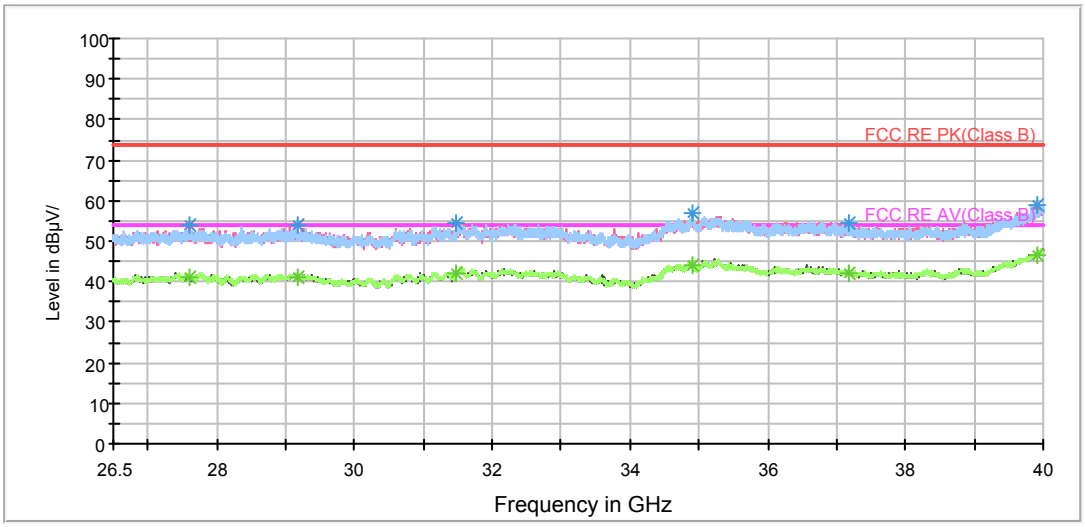
Radiates Emission from 8GHz to 18GHz

BELL_RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

802.11n (HT40) CH38

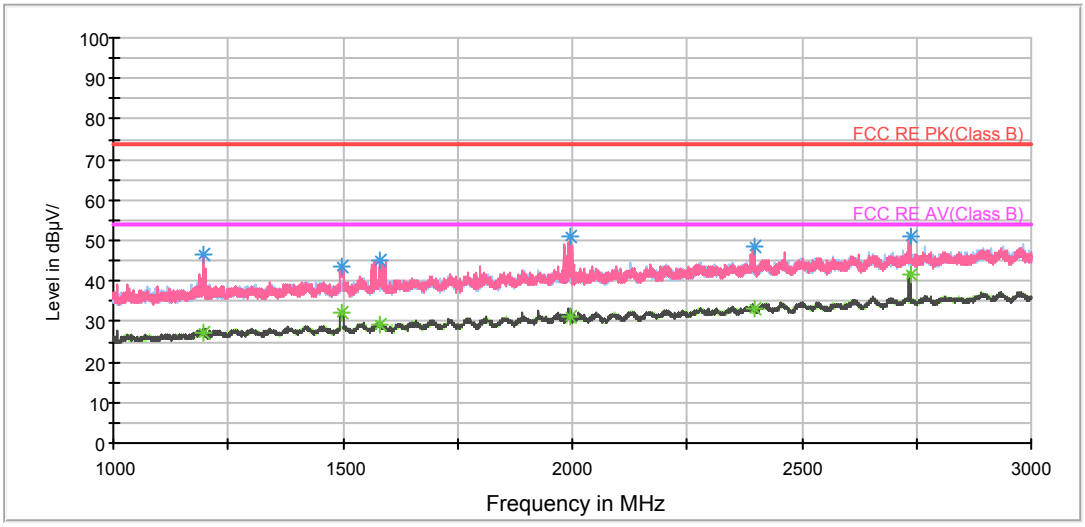
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3532.500000	39.6	210.0	H	21.0	41.7	-2.1	34.4	74
4148.125000	40.9	210.0	H	275.0	41.1	-0.2	33.1	74
4749.375000	43.0	210.0	H	63.0	42.0	1.0	31.0	74
6168.125000	46.0	210.0	V	0.0	40.5	5.5	28.0	74
6820.625000	47.6	111.0	V	0.0	41.9	5.7	26.4	74
6991.875000	46.7	210.0	V	297.0	40.2	6.5	27.3	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)
3460.000000	30.0	210.0	V	106.0	32.2	-2.2	24.0	54
4157.500000	28.3	210.0	H	105.0	28.4	-0.1	25.7	54
4613.125000	31.1	111.0	H	0.0	30.2	0.9	22.9	54
6130.000000	33.3	210.0	H	0.0	27.9	5.4	20.7	54
6791.250000	33.7	111.0	H	0.0	28.0	5.7	20.3	54
6978.125000	34.8	210.0	V	276.0	28.5	6.3	19.2	54

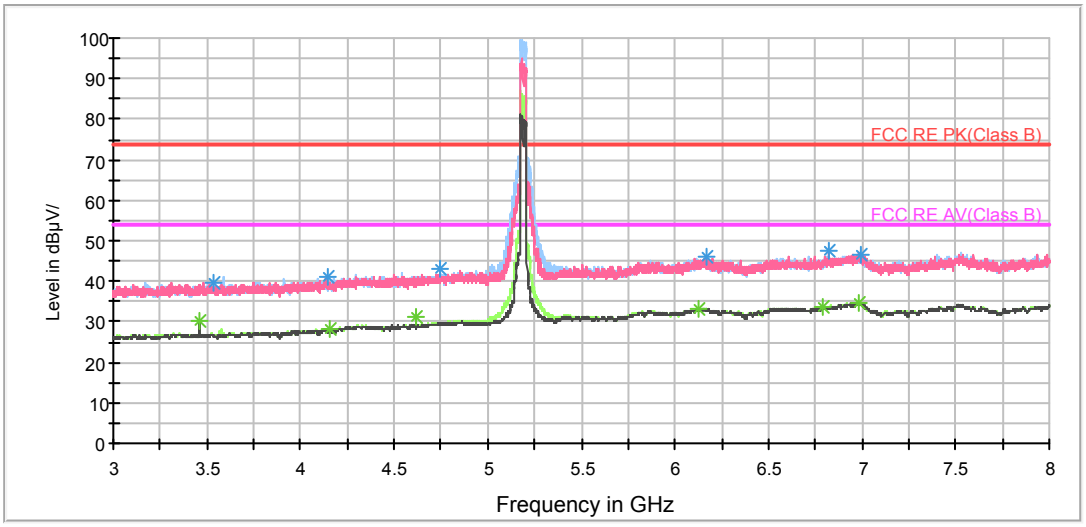
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 1G-3GHz PK+AV



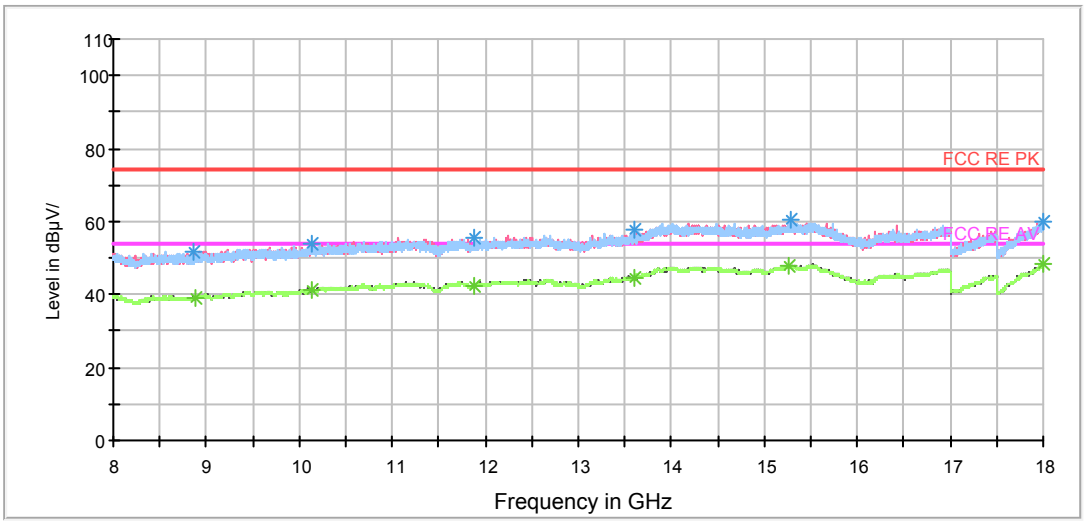
Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



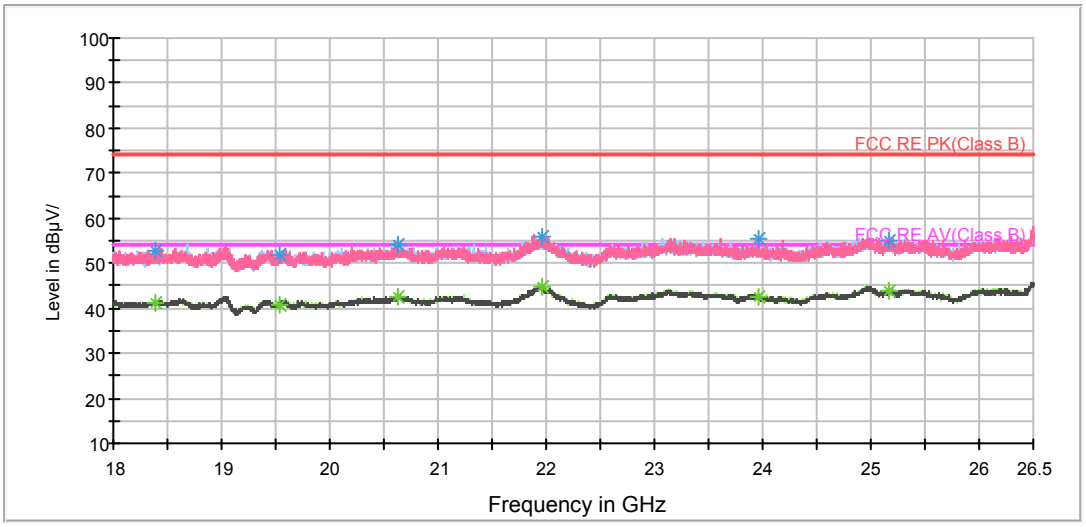
Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 8GHz

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



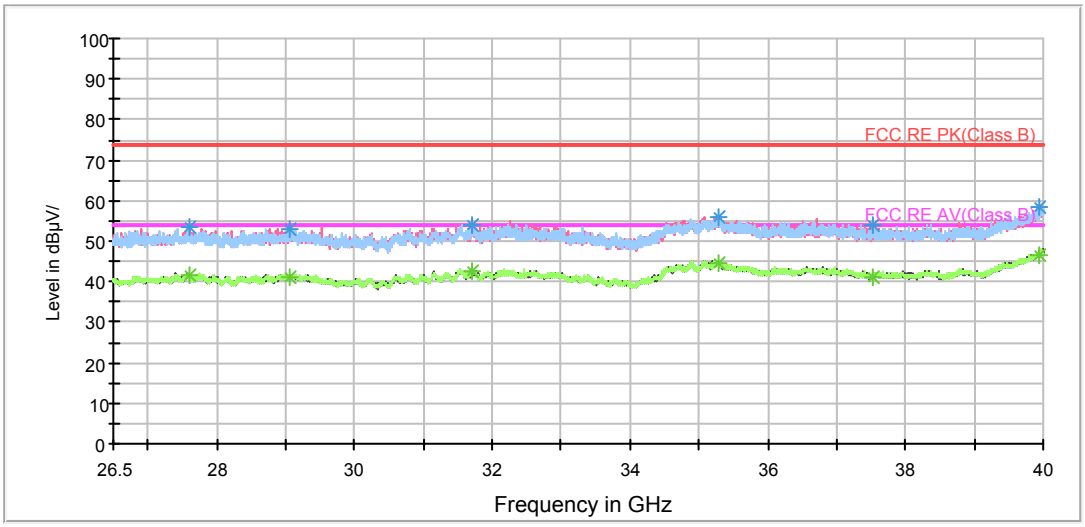
Radiates Emission from 8GHz to 18GHz

BELL_RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

802.11n (HT40) CH46

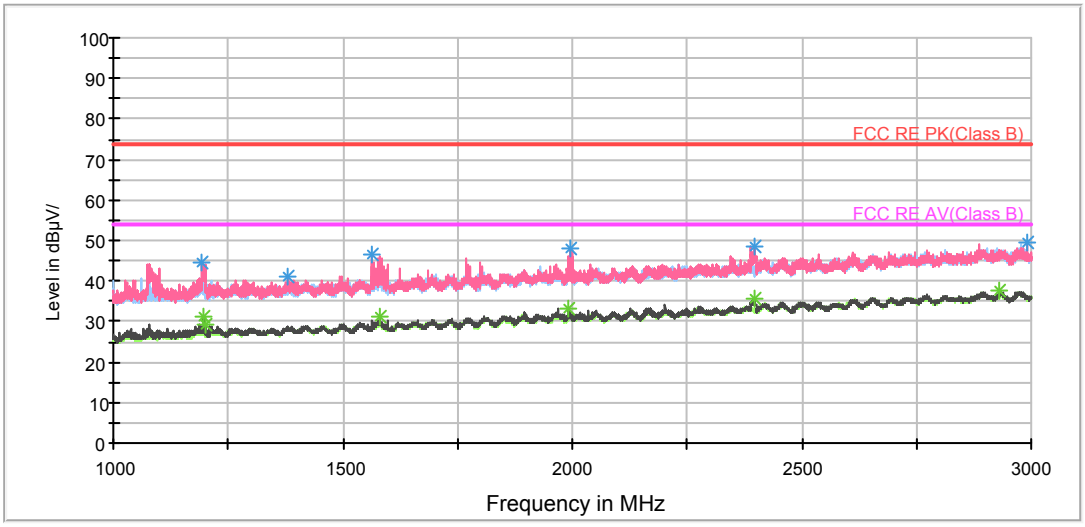
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3287.500000	39.8	110.0	H	296.0	42.0	-2.2	34.2	74
4145.625000	41.2	210.0	H	106.0	41.4	-0.2	32.8	74
4750.625000	42.9	210.0	H	23.0	41.9	1.0	31.1	74
5813.750000	45.4	110.0	H	233.0	41.0	4.4	28.6	74
6791.250000	45.9	210.0	V	336.0	40.2	5.7	28.1	74
6975.625000	47.4	210.0	V	0.0	41.1	6.3	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)
3486.250000	31.3	210.0	V	105.0	33.3	-2.0	22.7	54
4136.250000	28.3	210.0	H	3.0	28.6	-0.3	25.7	54
4648.750000	31.1	210.0	H	169.0	30.2	0.9	22.9	54
5815.625000	32.6	110.0	H	296.0	28.1	4.5	21.4	54
6790.000000	33.7	210.0	H	148.0	28.0	5.7	20.3	54
6995.625000	34.9	111.0	V	0.0	28.4	6.5	19.1	54

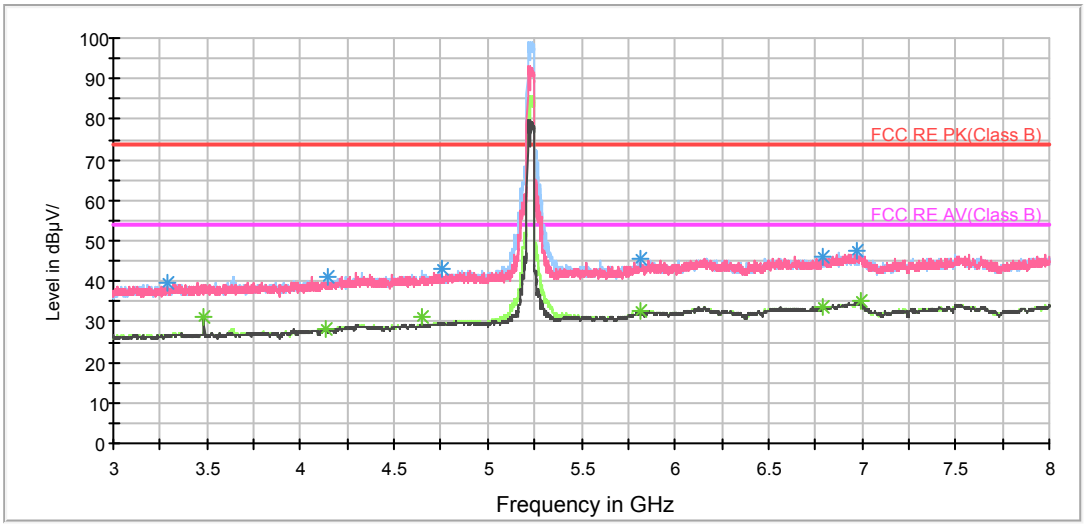
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 1G-3GHz PK+AV



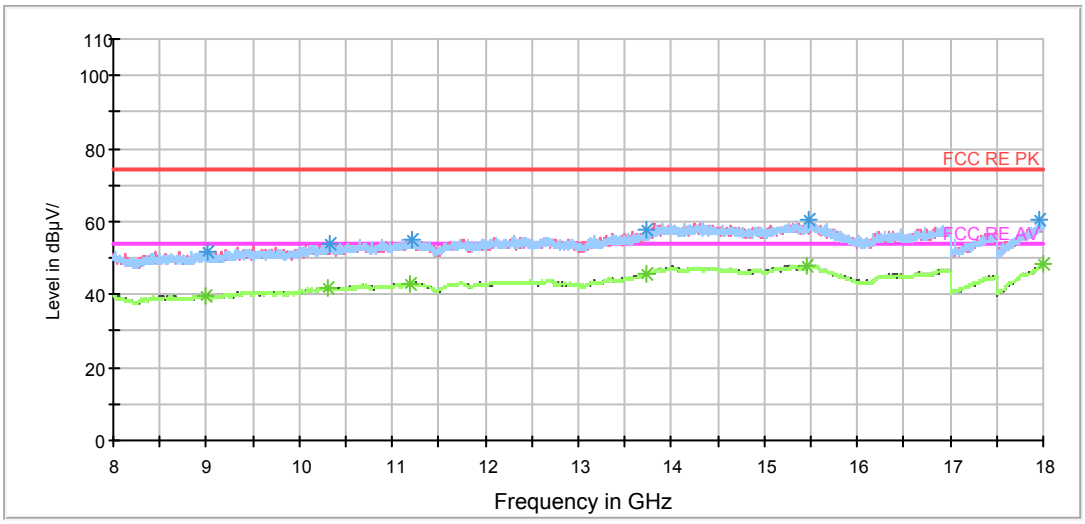
Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



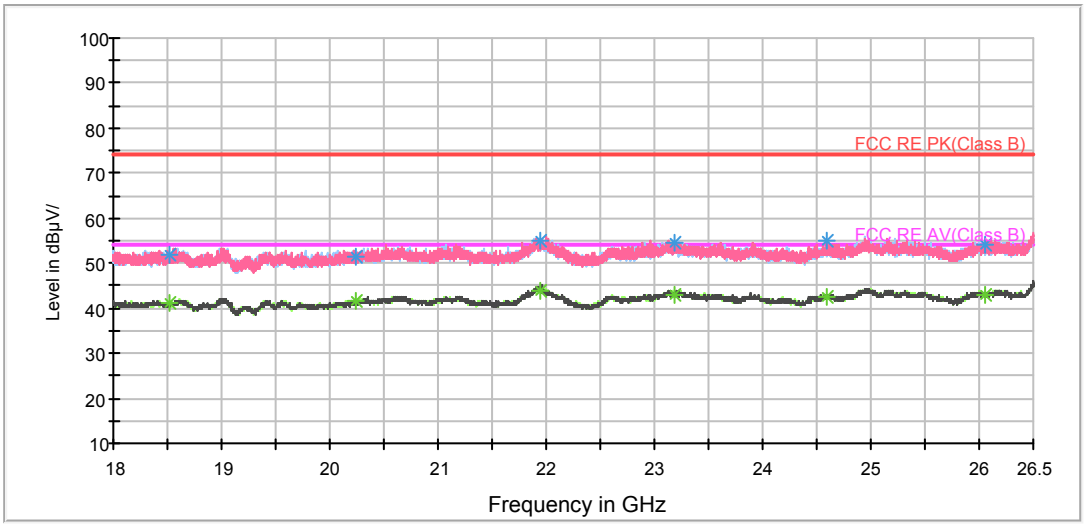
Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 8GHz

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



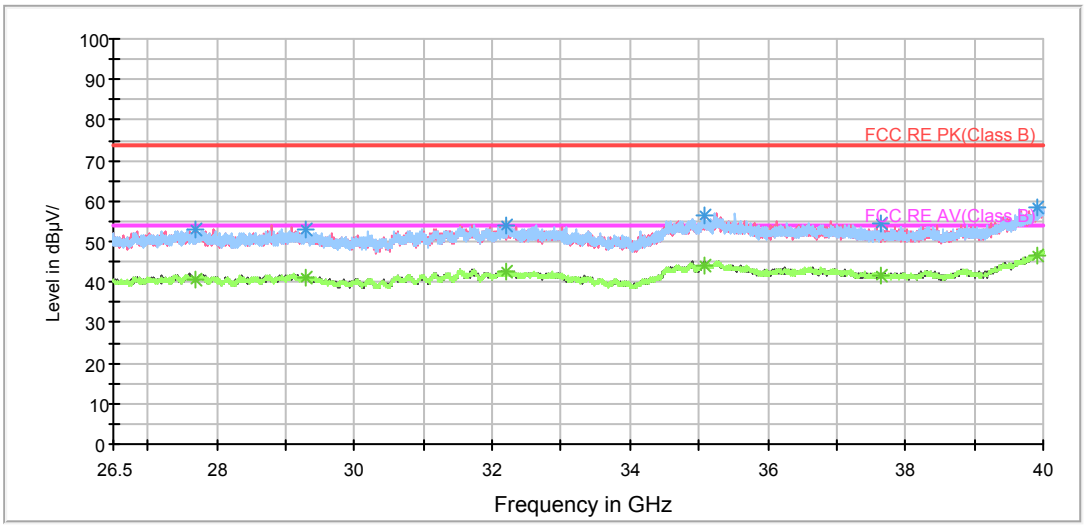
Radiates Emission from 8GHz to 18GHz

BELL_RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

802.11n (HT40) CH54

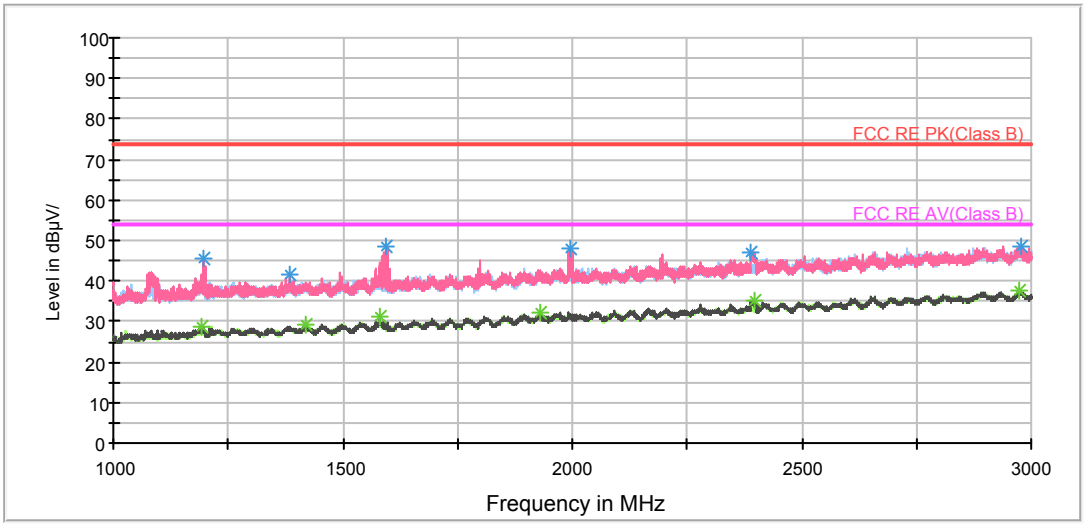
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3401.250000	40.7	111.0	H	0.0	43.2	-2.5	33.3	74
4109.375000	40.9	111.0	V	1.0	41.6	-0.7	33.1	74
4852.500000	43.1	111.0	H	237.0	41.5	1.6	30.9	74
5757.500000	44.8	111.0	H	341.0	41.3	3.5	29.2	74
6766.875000	46.2	212.0	H	149.0	40.7	5.5	27.8	74
6836.875000	47.7	212.0	H	0.0	41.8	5.9	26.3	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)
3513.125000	31.2	212.0	V	106.0	33.2	-2.0	22.8	54
4122.500000	28.3	212.0	H	23.0	28.8	-0.5	25.7	54
4684.375000	32.1	111.0	H	258.0	31.3	0.8	21.9	54
5778.750000	31.9	111.0	H	0.0	28.0	3.9	22.1	54
6788.750000	33.5	212.0	H	0.0	27.8	5.7	20.5	54
6999.375000	34.9	111.0	V	0.0	28.4	6.5	19.1	54

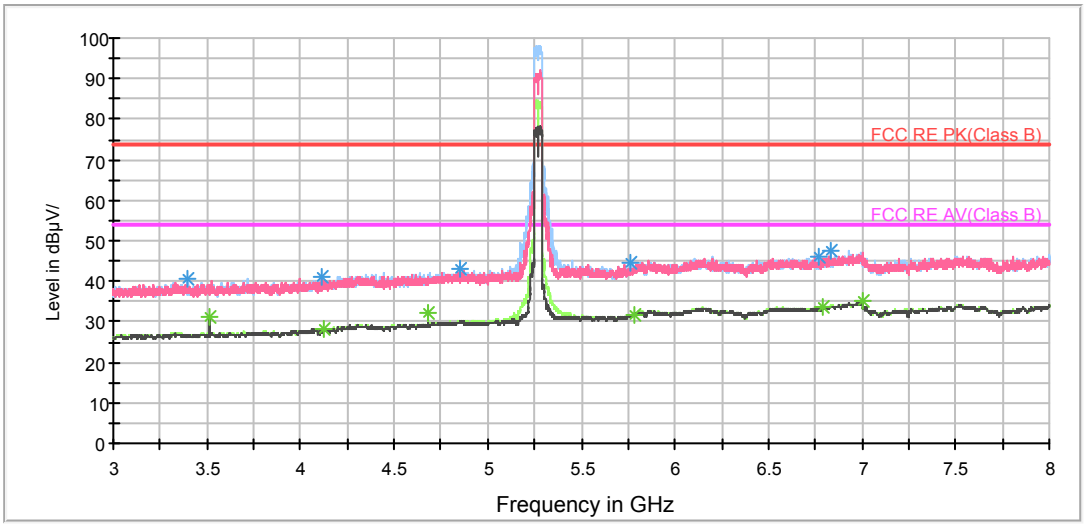
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 1G-3GHz PK+AV



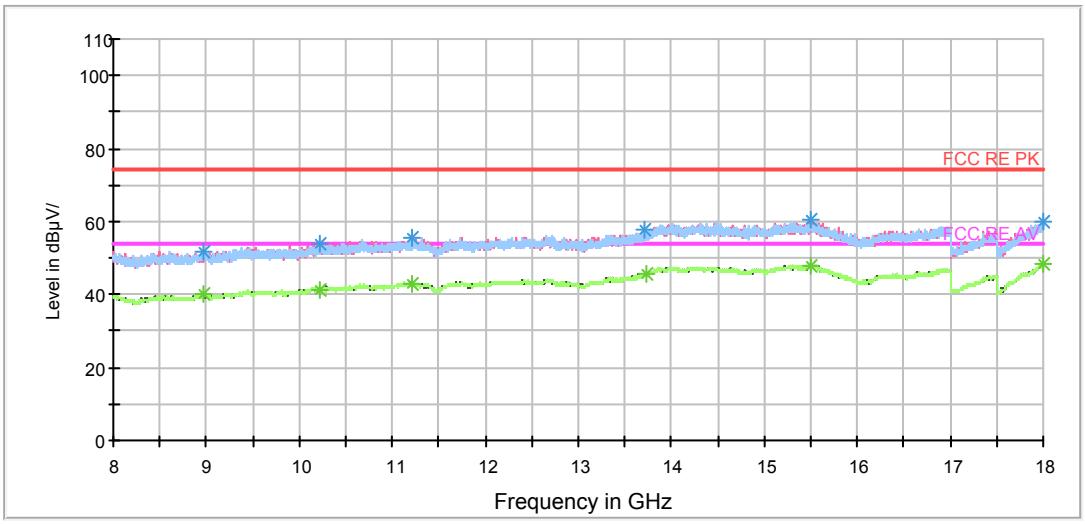
Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



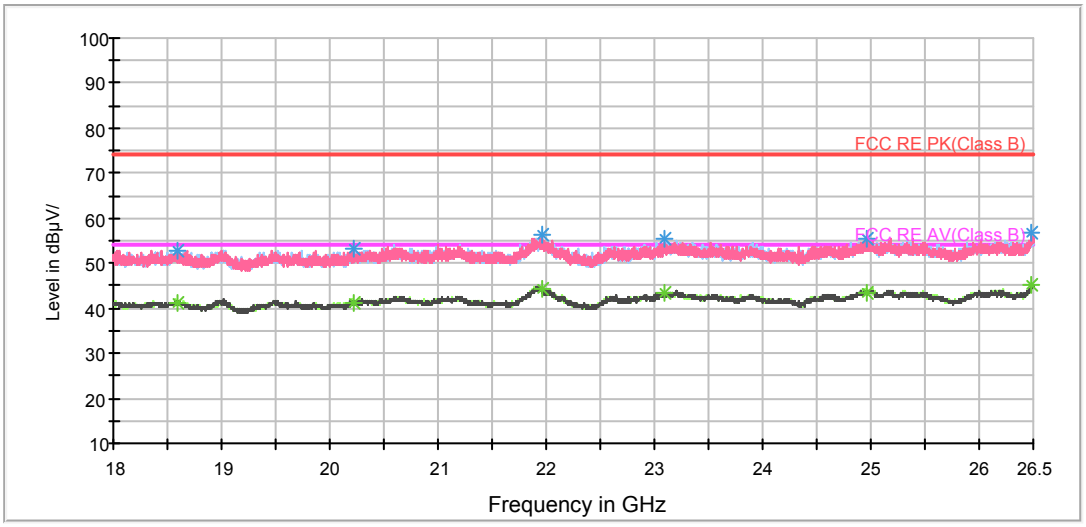
Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 8GHz

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



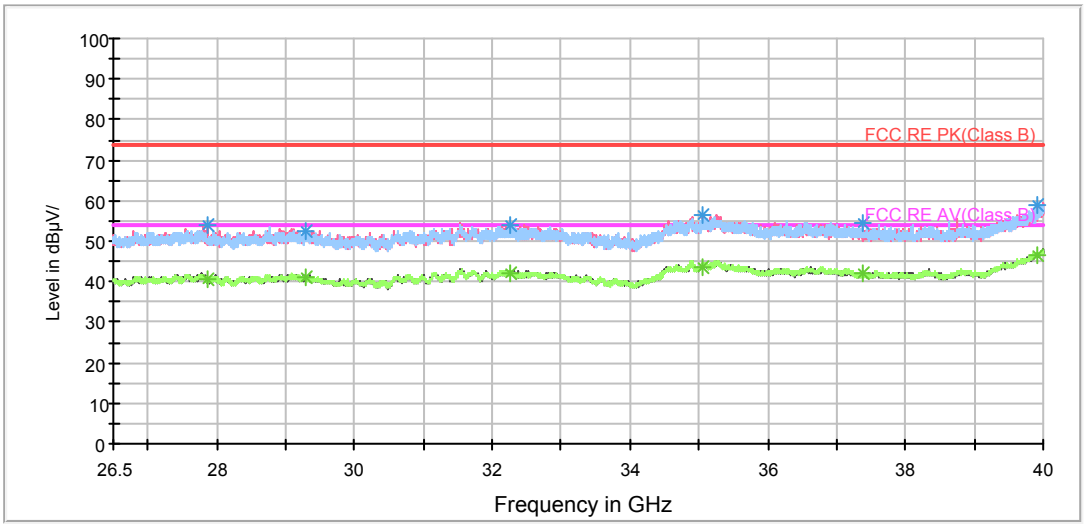
Radiates Emission from 8GHz to 18GHz

BELL_RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

802.11n (HT40) CH62

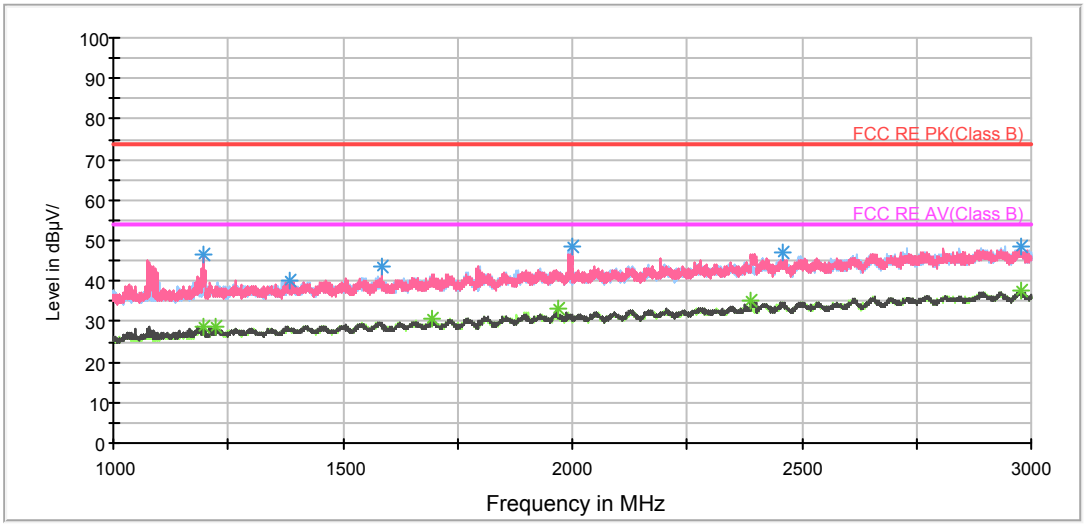
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3278.125000	39.9	212.0	V	232.0	42.1	-2.2	34.1	74
3540.000000	40.8	212.0	V	127.0	43.0	-2.2	33.2	74
4840.625000	43.1	212.0	V	169.0	41.5	1.6	30.9	74
5991.250000	45.4	212.0	V	0.0	40.6	4.8	28.6	74
6782.500000	46.3	212.0	H	104.0	40.7	5.6	27.7	74
6997.500000	47.3	112.0	V	0.0	40.8	6.5	26.7	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)
3481.250000	27.2	212.0	H	42.0	29.2	-2.0	26.8	54
3540.000000	30.9	212.0	V	127.0	33.1	-2.2	23.1	54
4720.000000	31.7	111.0	H	233.0	30.9	0.8	22.3	54
5988.750000	32.2	212.0	H	104.0	27.4	4.8	21.8	54
6790.625000	33.6	112.0	V	4.0	27.9	5.7	20.4	54
6996.250000	34.8	111.0	H	128.0	28.3	6.5	19.2	54

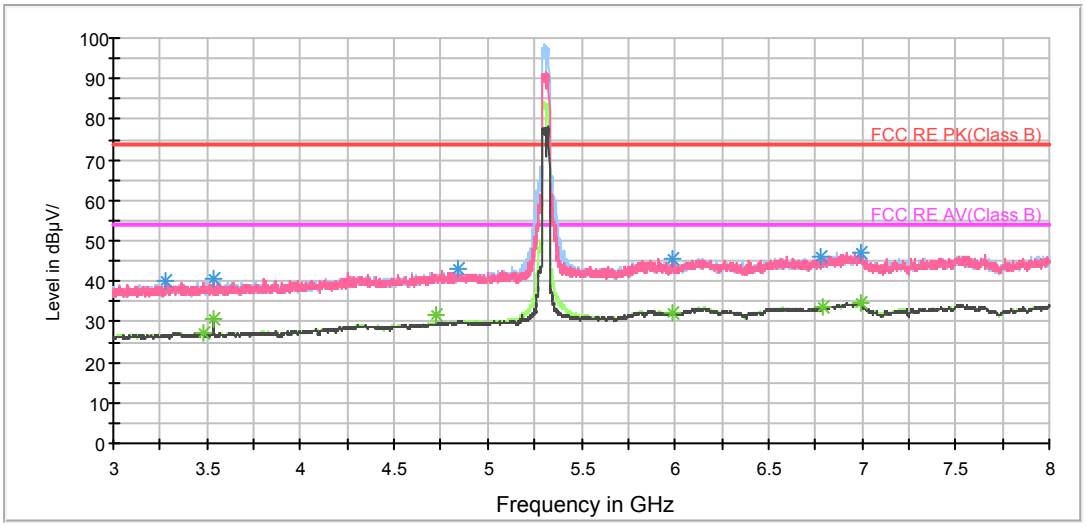
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 1G-3GHz PK+AV



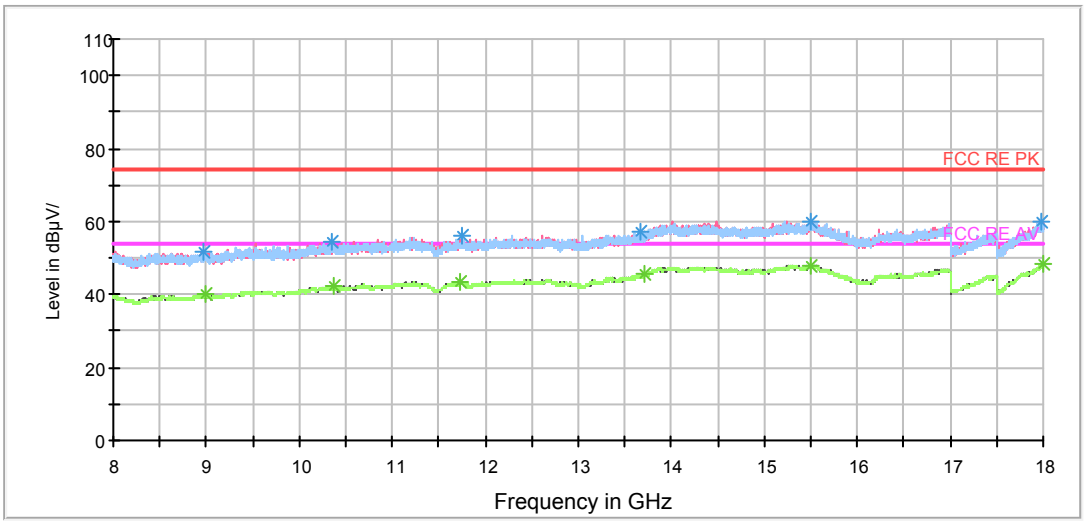
Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



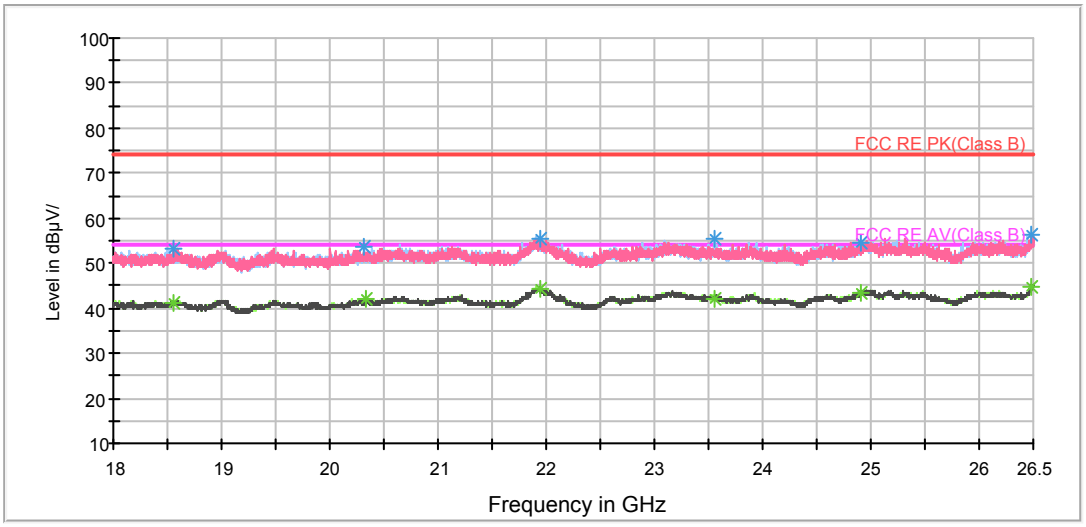
Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 8GHz

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



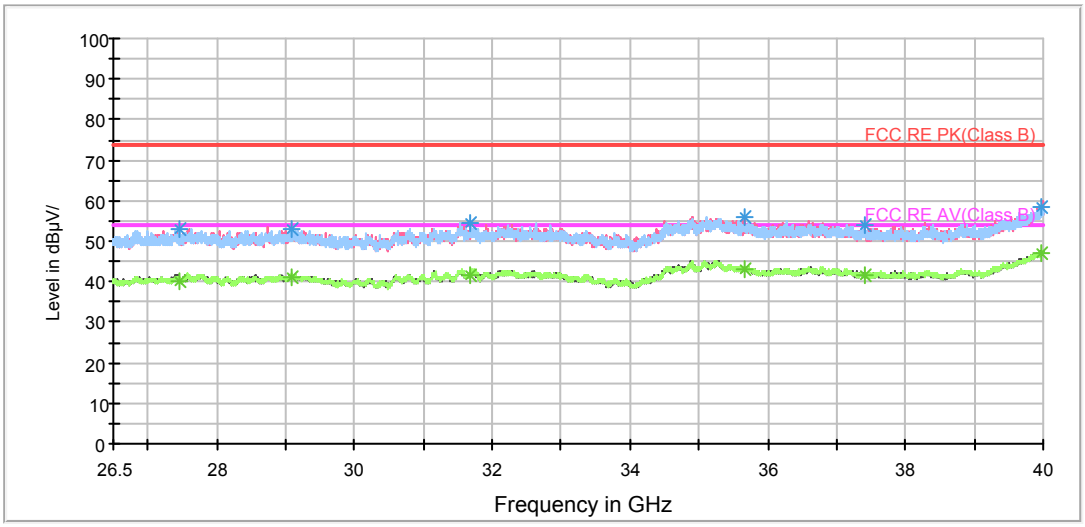
Radiates Emission from 8GHz to 18GHz

BELL_RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

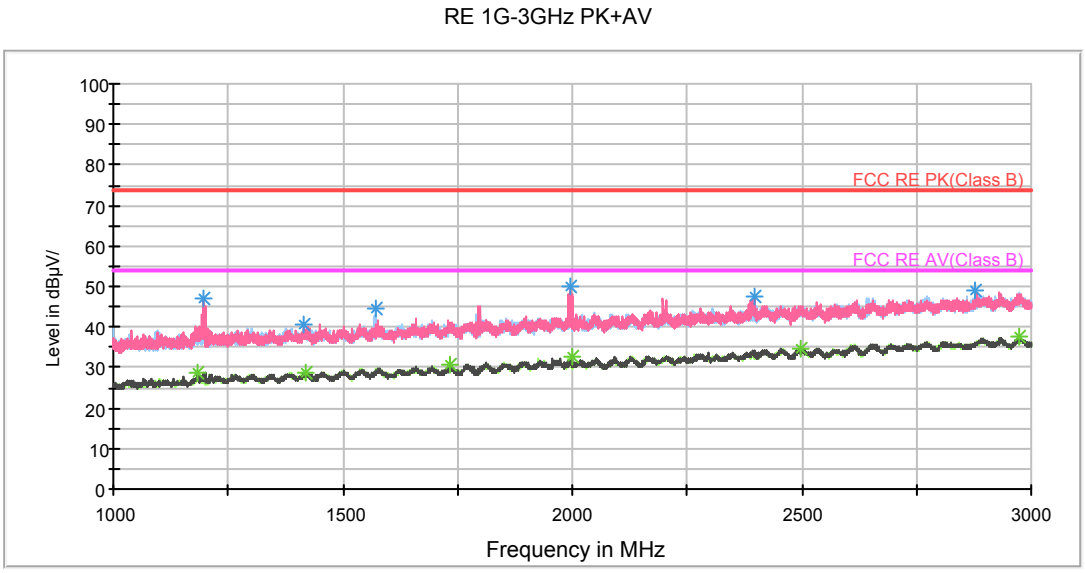
802.11n (HT40) CH102

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3519.375000	40.0	212.0	V	213.0	42.0	-2.0	34.0	74
4127.500000	40.7	112.0	H	296.0	41.1	-0.4	33.3	74
4898.125000	42.9	112.0	H	170.0	41.0	1.9	31.1	74
6106.250000	45.9	112.0	V	254.0	40.7	5.2	28.1	74
6731.250000	46.7	212.0	V	0.0	41.3	5.4	27.3	74
6924.375000	47.1	212.0	V	276.0	40.9	6.2	26.9	74

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

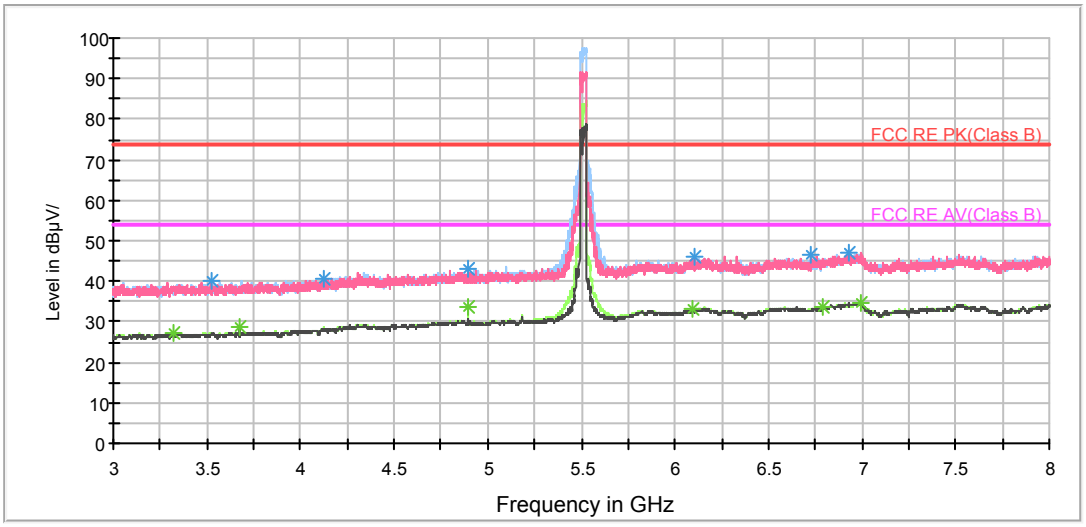
Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3322.500000	27.2	112.0	H	317.0	29.3	-2.1	26.8	54
3673.125000	29.0	212.0	V	127.0	30.8	-1.8	25.0	54
4897.500000	33.5	112.0	H	191.0	31.6	1.9	20.5	54
6090.000000	33.1	212.0	V	0.0	27.9	5.2	20.9	54
6791.875000	33.7	212.0	V	0.0	28.0	5.7	20.3	54
6998.750000	34.8	112.0	V	5.0	28.3	6.5	19.2	54

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



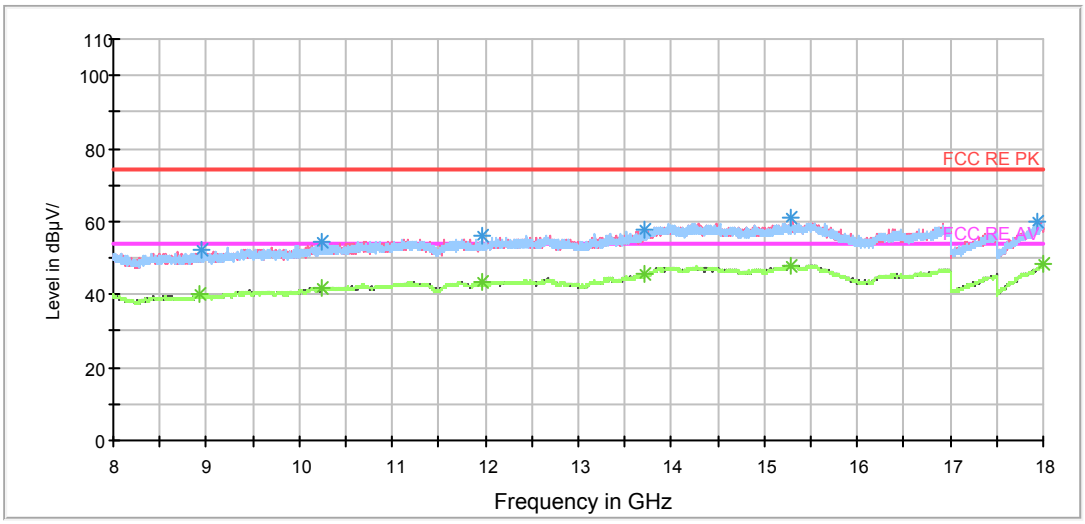
Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



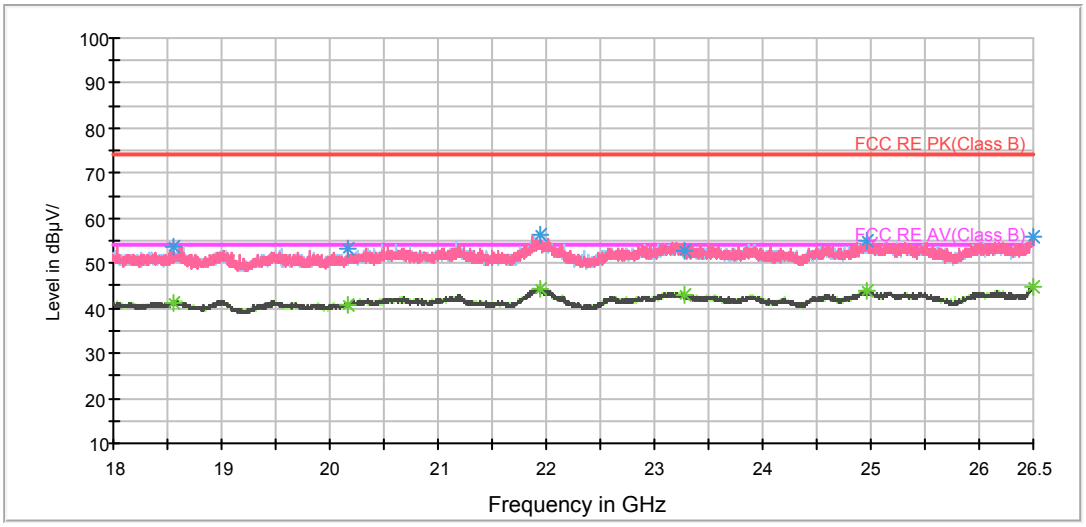
Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 8GHz

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



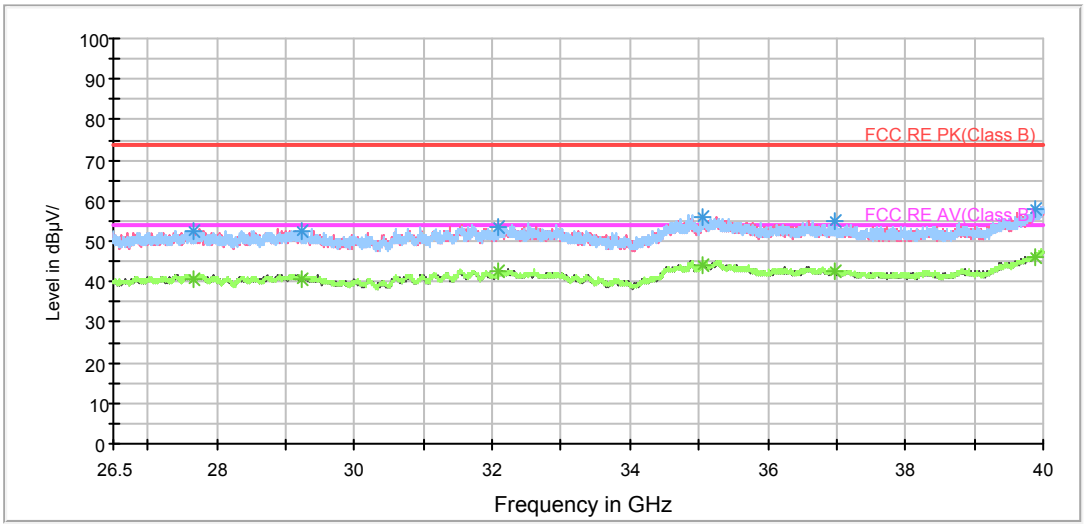
Radiates Emission from 8GHz to 18GHz

BELL_RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

802.11n (HT40) CH118

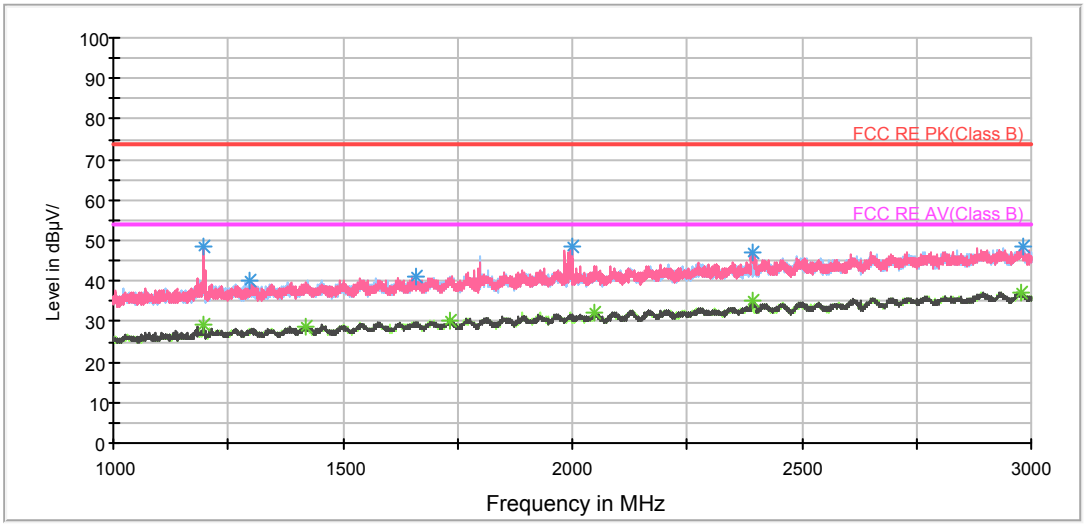
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3526.250000	39.8	212.0	V	358.0	41.8	-2.0	34.2	74
3918.125000	40.7	212.0	H	0.0	41.9	-1.2	33.3	74
4762.500000	42.4	112.0	V	233.0	41.3	1.1	31.6	74
4968.750000	43.7	212.0	H	148.0	42.0	1.7	30.3	74
6118.125000	46.2	212.0	H	85.0	40.8	5.4	27.8	74
6992.500000	47.1	212.0	H	127.0	40.6	6.5	26.9	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)
3351.875000	27.4	212.0	H	44.0	29.7	-2.3	26.6	54
3726.250000	30.0	212.0	H	254.0	31.6	-1.6	24.0	54
4842.500000	30.1	212.0	H	23.0	28.5	1.6	23.9	54
4968.750000	34.5	212.0	H	148.0	32.8	1.7	19.5	54
6153.125000	33.4	212.0	H	44.0	27.8	5.6	20.6	54
6998.125000	34.7	212.0	V	275.0	28.2	6.5	19.3	54

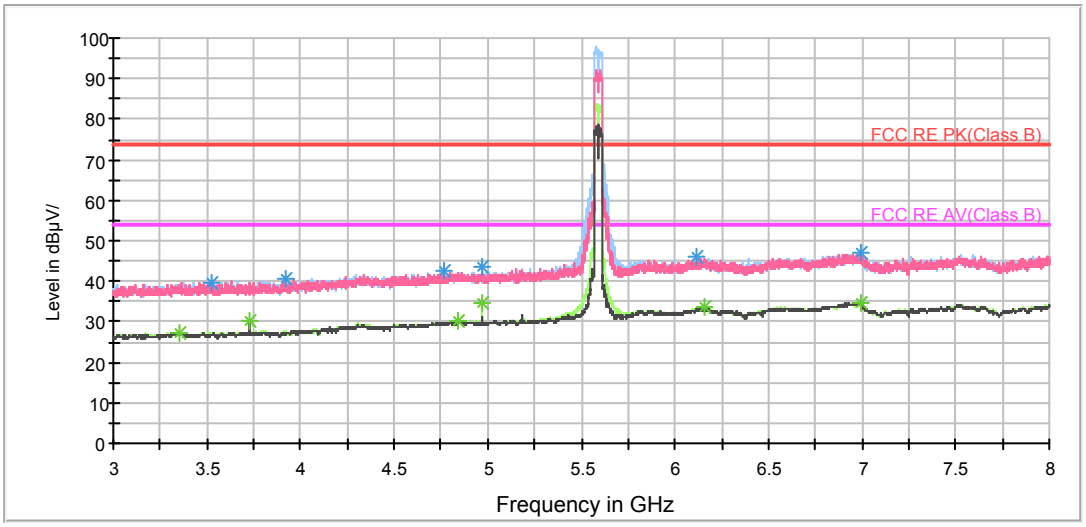
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 1G-3GHz PK+AV



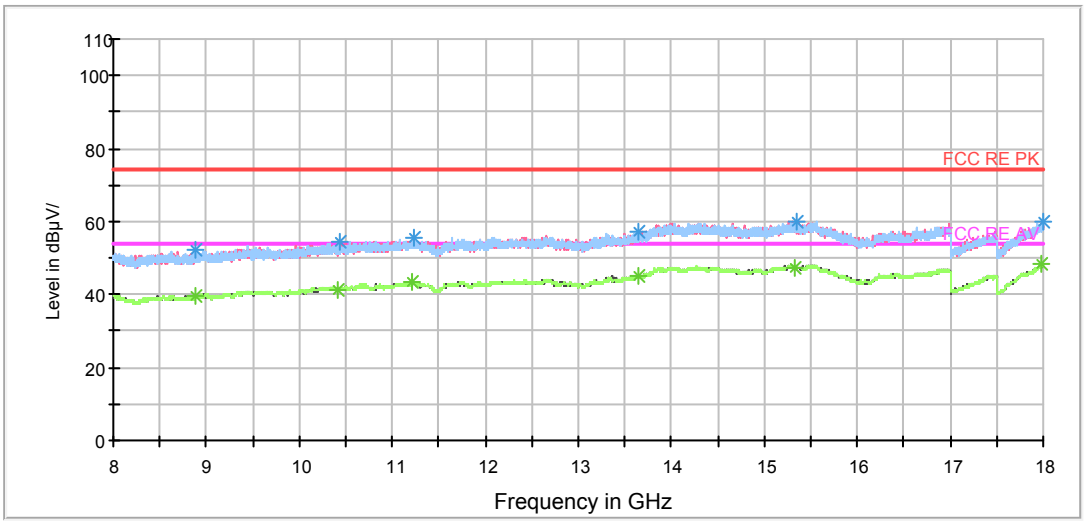
Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



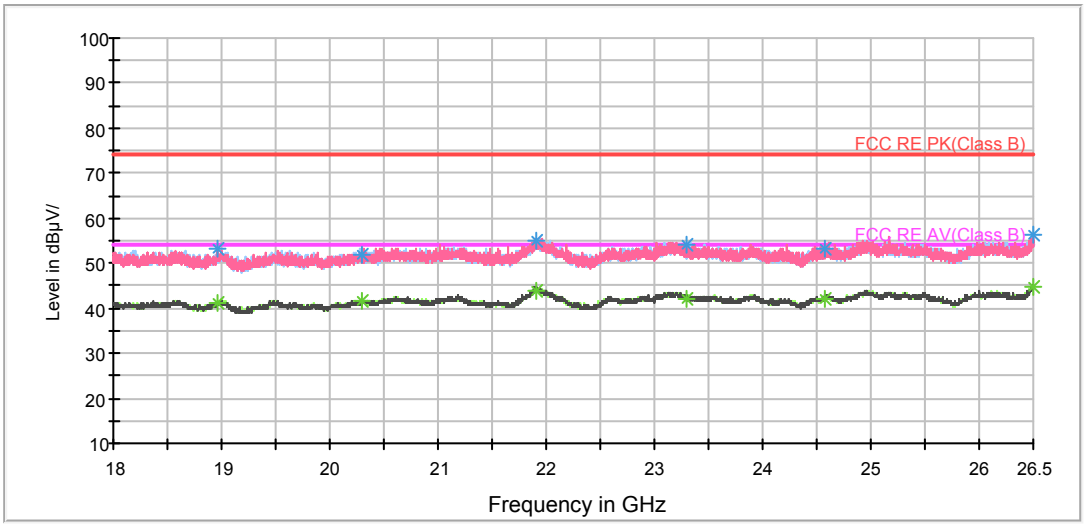
Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 8GHz

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



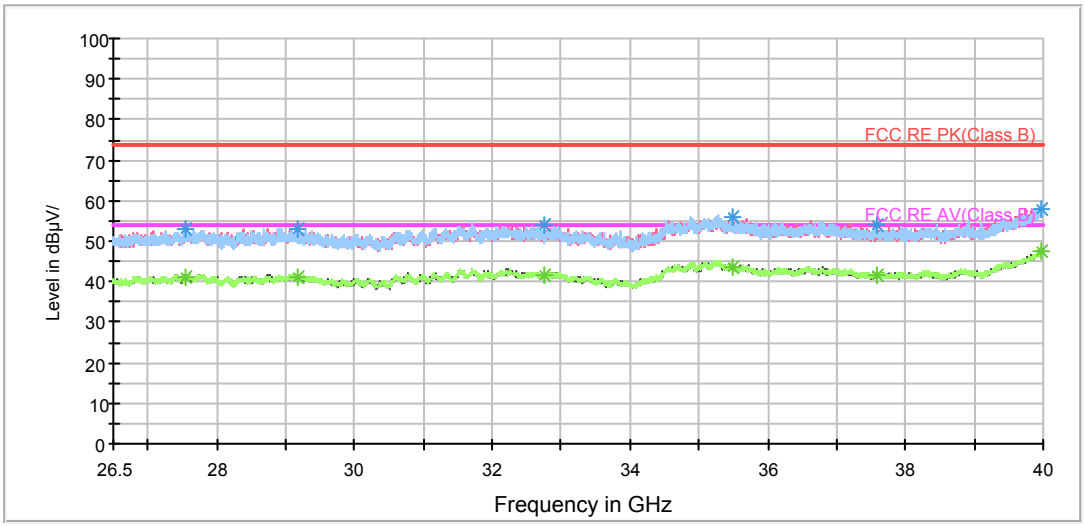
Radiates Emission from 8GHz to 18GHz

BELL_RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

802.11n (HT40) CH134

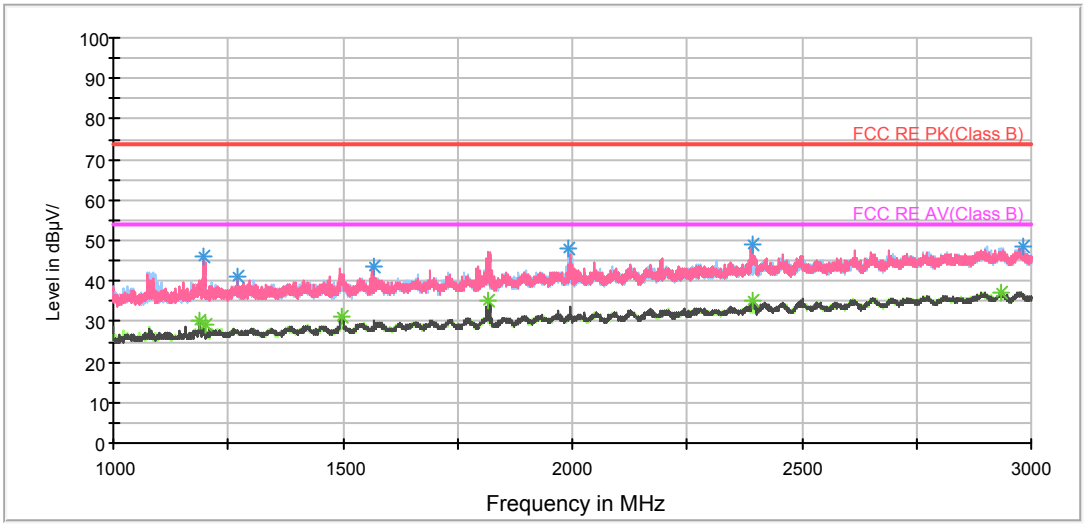
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3505.625000	39.9	212.0	H	166.0	42.0	-2.1	34.1	74
4136.875000	40.9	112.0	V	233.0	41.2	-0.3	33.1	74
4861.250000	42.6	112.0	H	277.0	40.9	1.7	31.4	74
6070.625000	45.8	212.0	H	60.0	40.7	5.1	28.2	74
6681.250000	46.5	112.0	V	275.0	41.0	5.5	27.5	74
6996.250000	47.3	212.0	V	320.0	40.8	6.5	26.7	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)
3331.250000	27.3	212.0	H	211.0	29.5	-2.2	26.7	54
3780.000000	32.0	212.0	H	19.0	33.8	-1.8	22.0	54
4862.500000	30.1	112.0	V	0.0	28.4	1.7	23.9	54
6118.125000	33.1	212.0	H	0.0	27.7	5.4	20.9	54
6788.750000	33.6	112.0	V	254.0	27.9	5.7	20.4	54
6998.125000	34.8	112.0	V	87.0	28.3	6.5	19.2	54

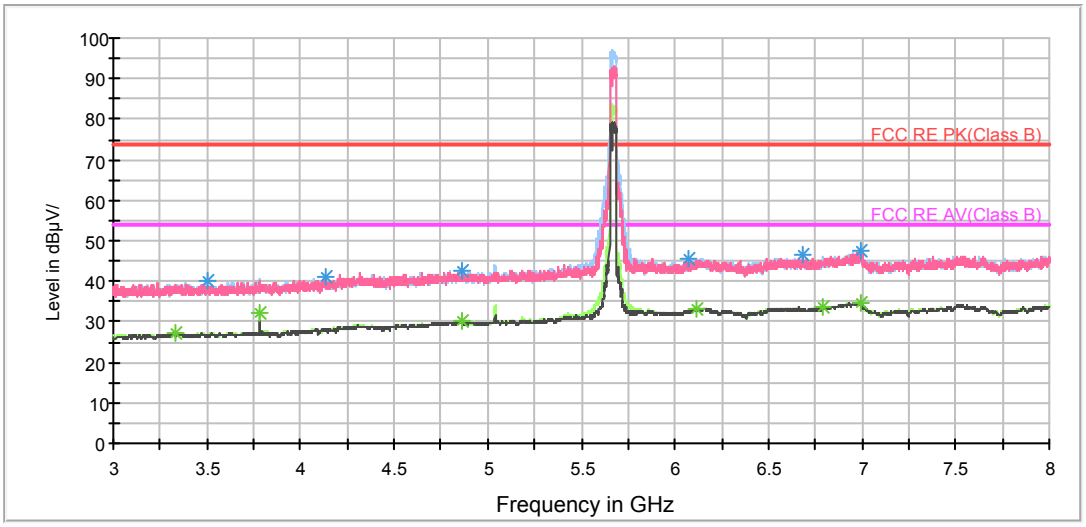
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 1G-3GHz PK+AV



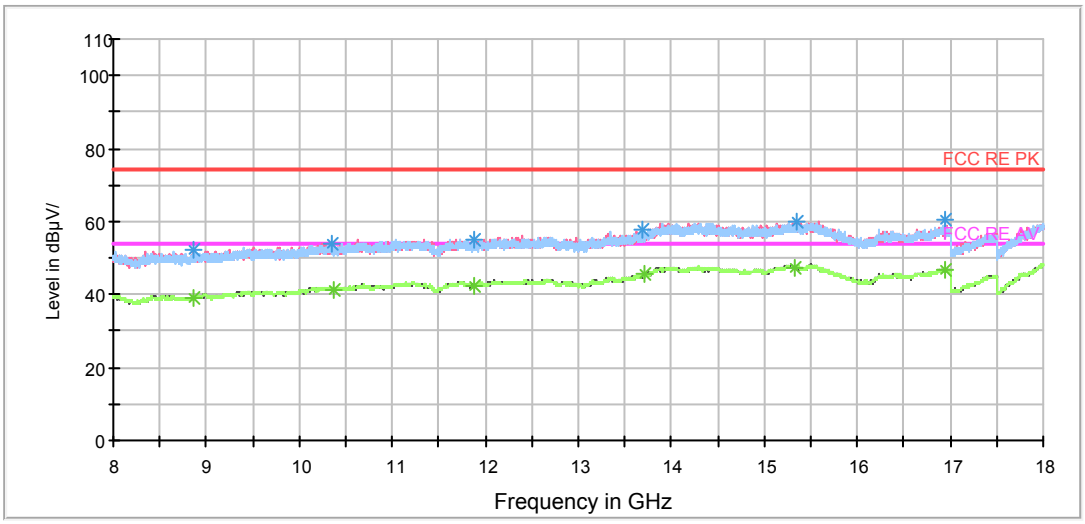
Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



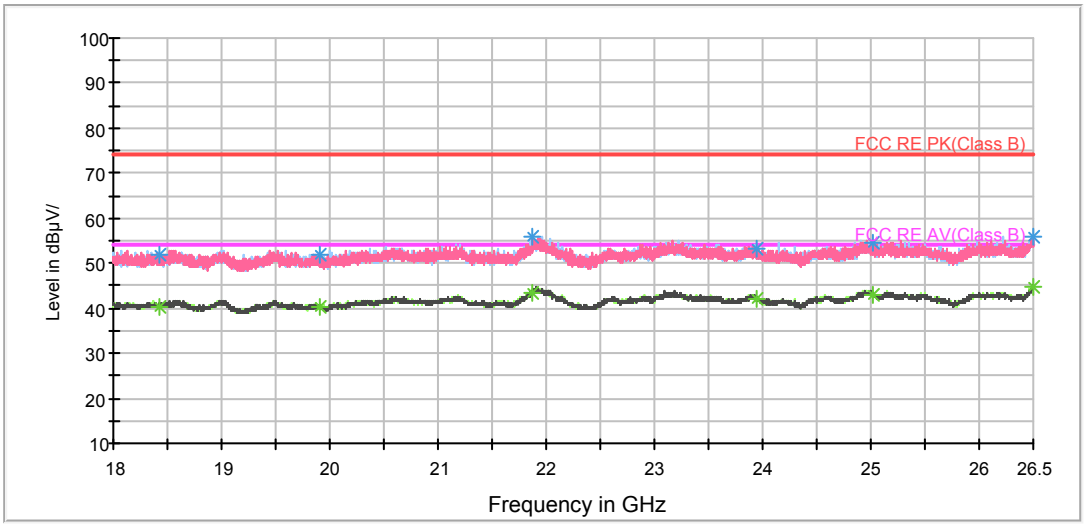
Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 8GHz

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



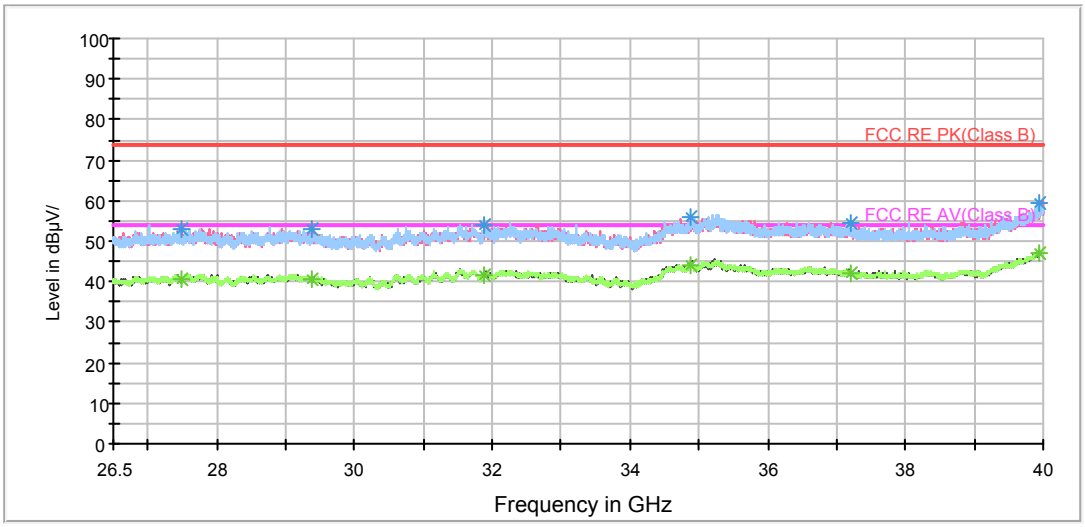
Radiates Emission from 8GHz to 18GHz

BELL_RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

802.11n (HT40) CH151

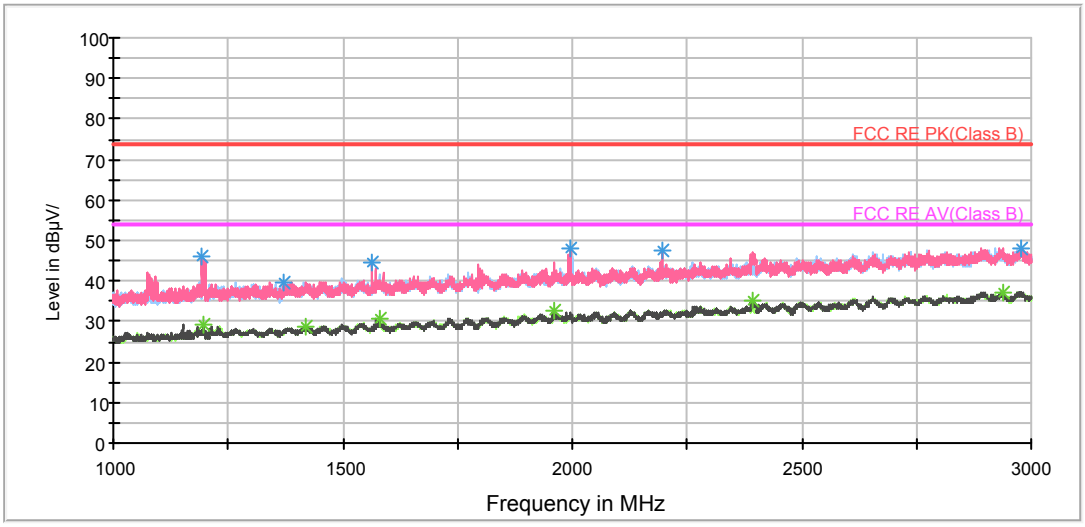
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3335.000000	39.7	112.0	H	0.0	42.0	-2.3	34.3	74
3836.250000	41.2	212.0	H	148.0	42.9	-1.7	32.8	74
4588.750000	42.9	112.0	V	2.0	42.0	0.9	31.1	74
4870.625000	42.7	112.0	H	0.0	40.9	1.8	31.3	74
6177.500000	46.0	212.0	V	237.0	40.6	5.4	28.0	74
6956.875000	47.0	112.0	V	0.0	40.8	6.2	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)
3518.750000	27.2	212.0	H	105.0	29.2	-2.0	26.8	54
3836.250000	33.5	212.0	H	148.0	35.2	-1.7	20.5	54
4592.500000	29.4	112.0	V	44.0	28.5	0.9	24.6	54
4866.875000	30.1	112.0	H	316.0	28.4	1.7	23.9	54
6158.750000	33.5	112.0	V	0.0	27.8	5.7	20.5	54
6996.875000	34.8	212.0	H	254.0	28.3	6.5	19.2	54

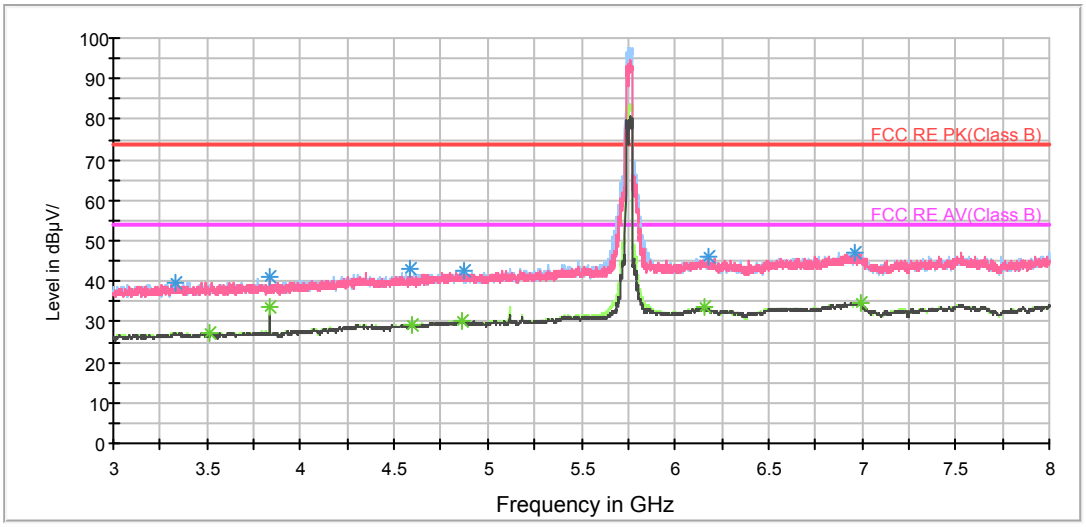
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 1G-3GHz PK+AV



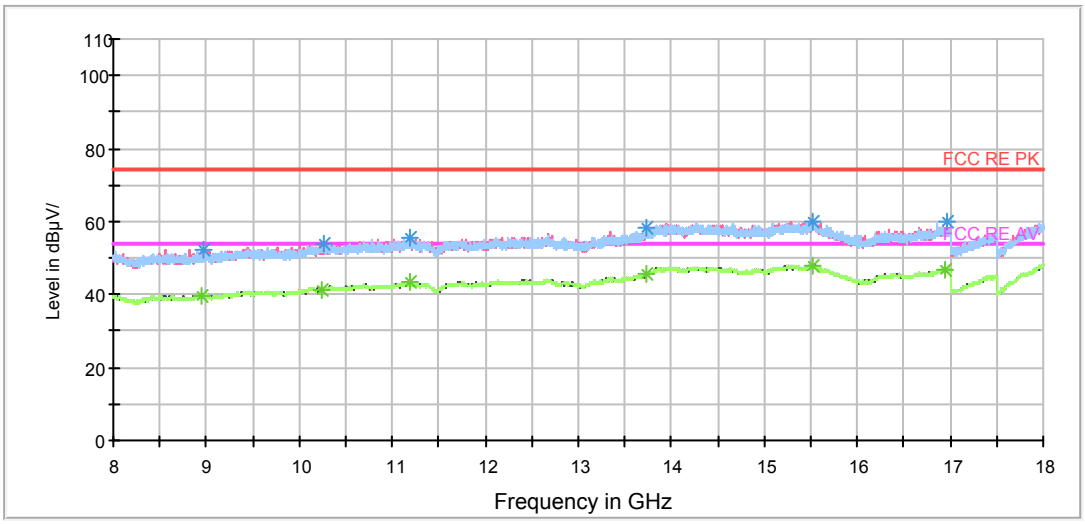
Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



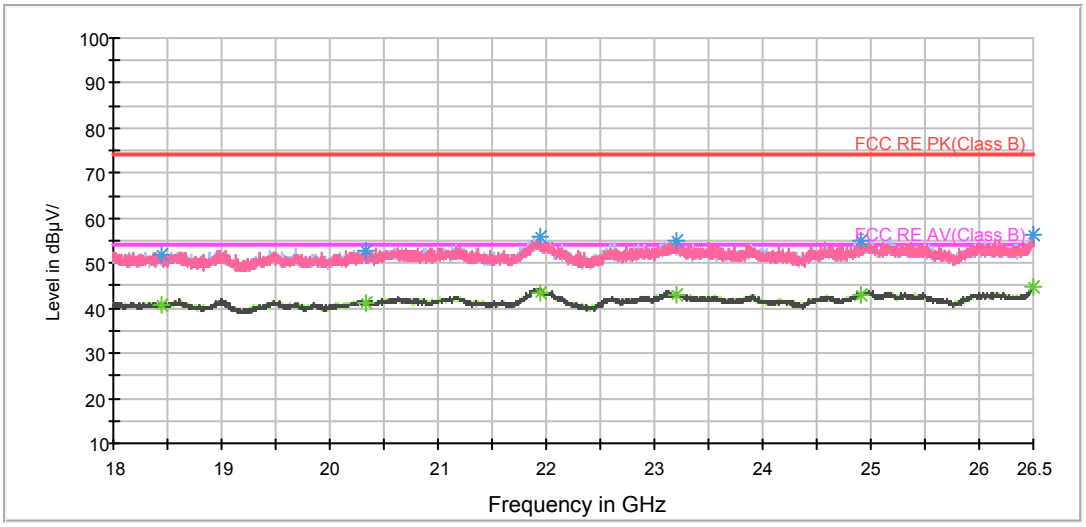
Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 8GHz

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



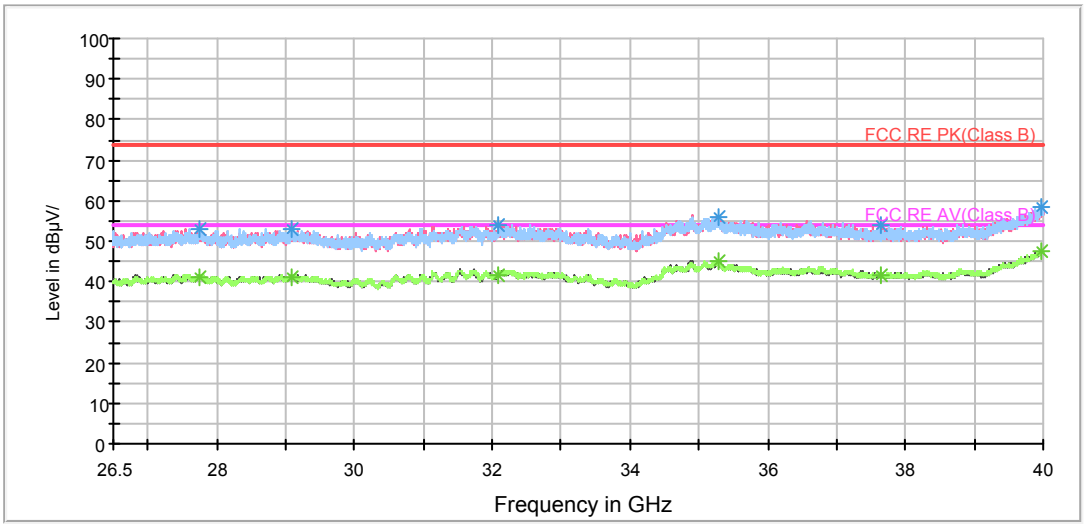
Radiates Emission from 8GHz to 18GHz

BELL_RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

802.11n (HT40) CH159

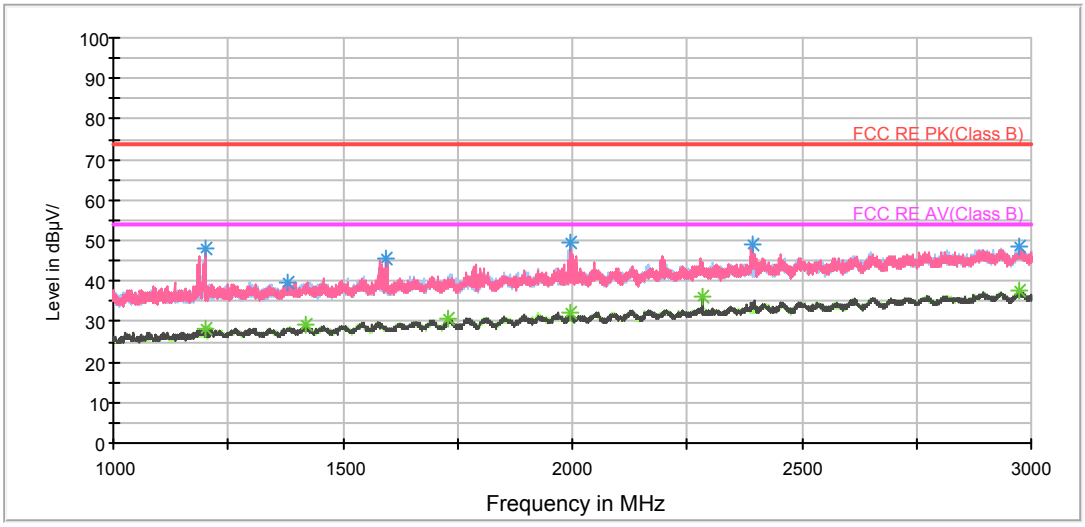
Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3328.750000	40.1	112.0	H	337.0	42.3	-2.2	33.9	74
3863.125000	42.4	212.0	H	254.0	43.9	-1.5	31.6	74
4850.625000	42.8	212.0	H	0.0	41.2	1.6	31.2	74
6114.375000	45.7	112.0	V	0.0	40.4	5.3	28.3	74
6956.875000	46.8	112.0	H	191.0	40.6	6.2	27.2	74
7648.750000	47.0	112.0	H	191.0	40.1	6.9	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)
3357.500000	27.3	212.0	H	191.0	29.6	-2.3	26.7	54
3863.125000	35.1	112.0	H	275.0	36.6	-1.5	18.9	54
4865.625000	30.1	112.0	V	0.0	28.4	1.7	23.9	54
6150.000000	33.3	212.0	H	149.0	27.8	5.5	20.7	54
6996.250000	35.0	212.0	H	0.0	28.5	6.5	19.0	54
7644.375000	33.6	212.0	H	0.0	26.7	6.9	20.4	54

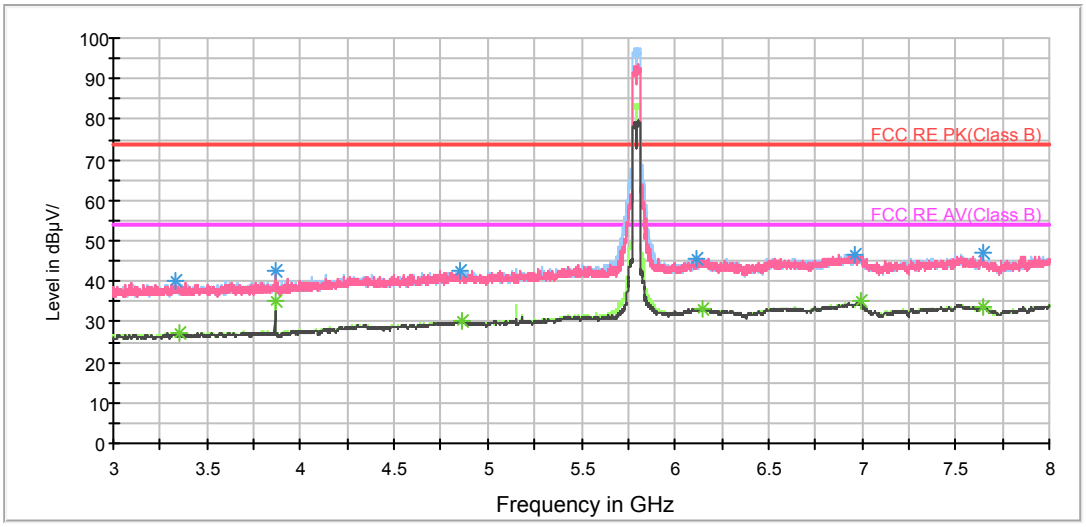
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

RE 1G-3GHz PK+AV



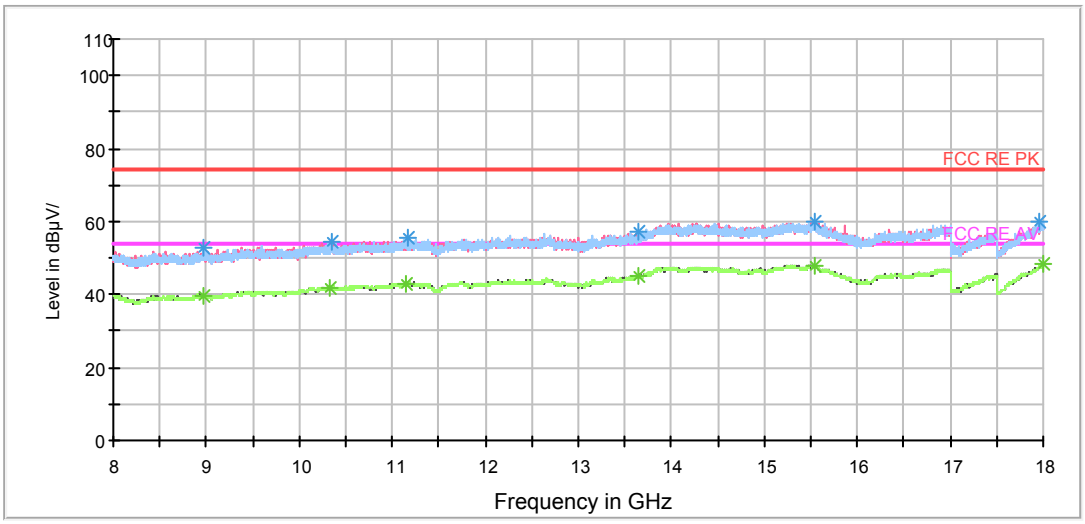
Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV



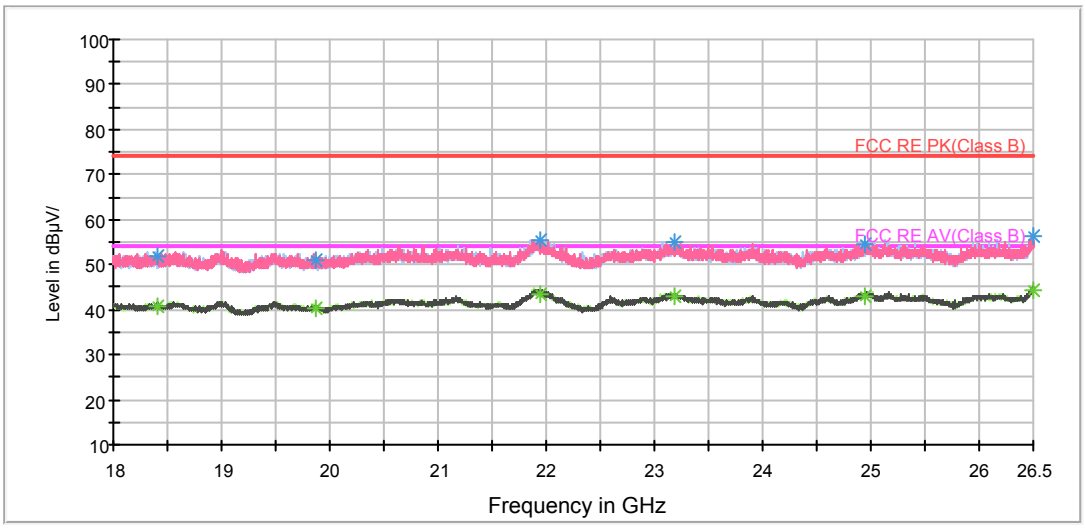
Note: The signal beyond the limit is carrier.
Radiates Emission from 3GHz to 8GHz

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



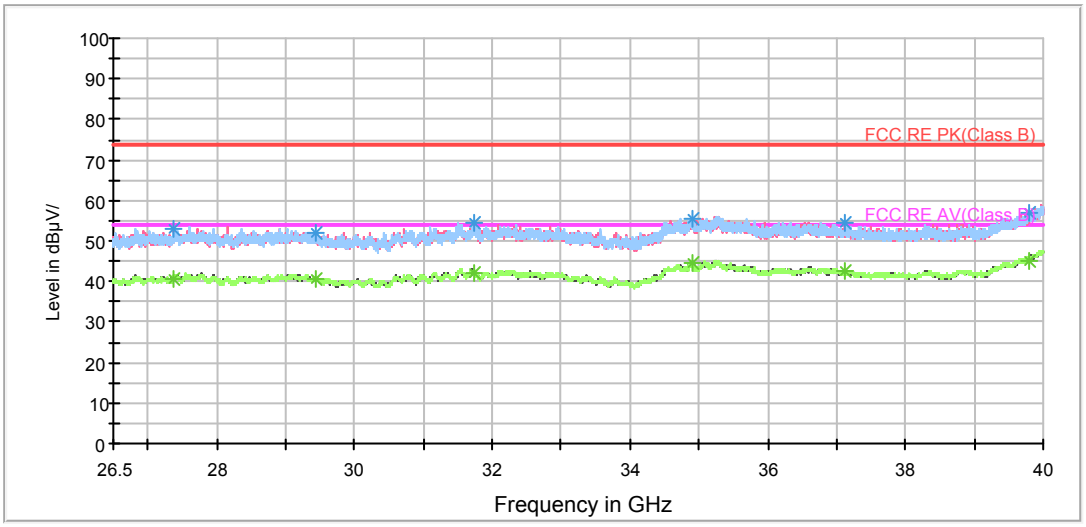
Radiates Emission from 8GHz to 18GHz

BELL_RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

5.6. Conducted Emission

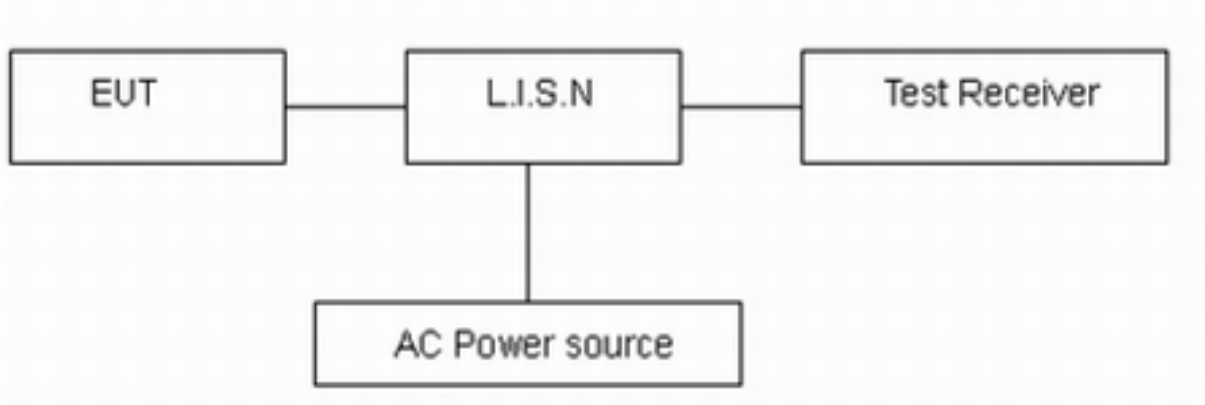
Ambient condition

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

Methods of Measurement

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

Test Setup



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

Limits

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

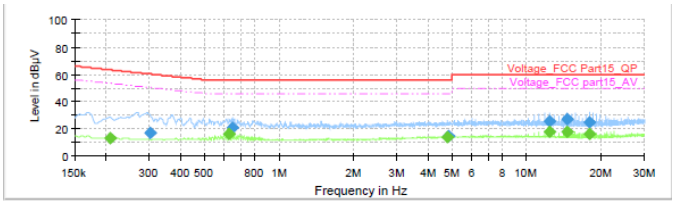
Measurement Uncertainty

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

Test Results:

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

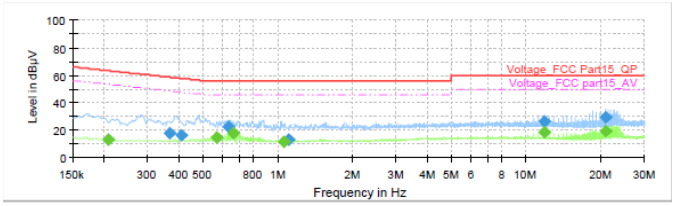
0.15-30M L Line



Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.208500	---	13.36	53.27	39.90	1000.0	9.000	L1	ON	19.2
0.303000	16.74	---	60.16	43.42	1000.0	9.000	L1	ON	19.2
0.629250	---	16.40	46.00	29.60	1000.0	9.000	L1	ON	19.3
0.645000	21.24	---	56.00	34.76	1000.0	9.000	L1	ON	19.3
4.803000	---	13.68	46.00	32.32	1000.0	9.000	L1	ON	19.1
4.825500	14.53	---	56.00	41.47	1000.0	9.000	L1	ON	19.1
12.387750	25.55	---	60.00	34.45	1000.0	9.000	L1	ON	19.4
12.387750	---	18.15	50.00	31.85	1000.0	9.000	L1	ON	19.4
14.642250	26.75	---	60.00	33.25	1000.0	9.000	L1	ON	19.5
14.642250	---	17.88	50.00	32.12	1000.0	9.000	L1	ON	19.5
18.017250	---	16.18	50.00	33.82	1000.0	9.000	L1	ON	19.5
18.024000	25.17	---	60.00	34.83	1000.0	9.000	L1	ON	19.5

0.15-30M N Line



Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.208500	---	13.39	53.27	39.87	1000.0	9.000	N	ON	19.2
0.368250	17.62	---	58.54	40.92	1000.0	9.000	N	ON	19.2
0.411000	16.52	---	57.63	41.11	1000.0	9.000	N	ON	19.2
0.566250	---	14.53	46.00	31.47	1000.0	9.000	N	ON	19.3
0.631500	22.33	---	56.00	33.67	1000.0	9.000	N	ON	19.3
0.660750	---	17.59	46.00	28.41	1000.0	9.000	N	ON	19.3
1.059000	---	11.97	46.00	34.03	1000.0	9.000	N	ON	19.2
1.113000	13.42	---	56.00	42.58	1000.0	9.000	N	ON	19.2
11.825250	26.39	---	60.00	33.61	1000.0	9.000	N	ON	19.4
11.825250	---	18.51	50.00	31.49	1000.0	9.000	N	ON	19.4
20.836500	29.59	---	60.00	30.41	1000.0	9.000	N	ON	19.5
20.838750	---	19.56	50.00	30.44	1000.0	9.000	N	ON	19.5

6. Main Test Instruments

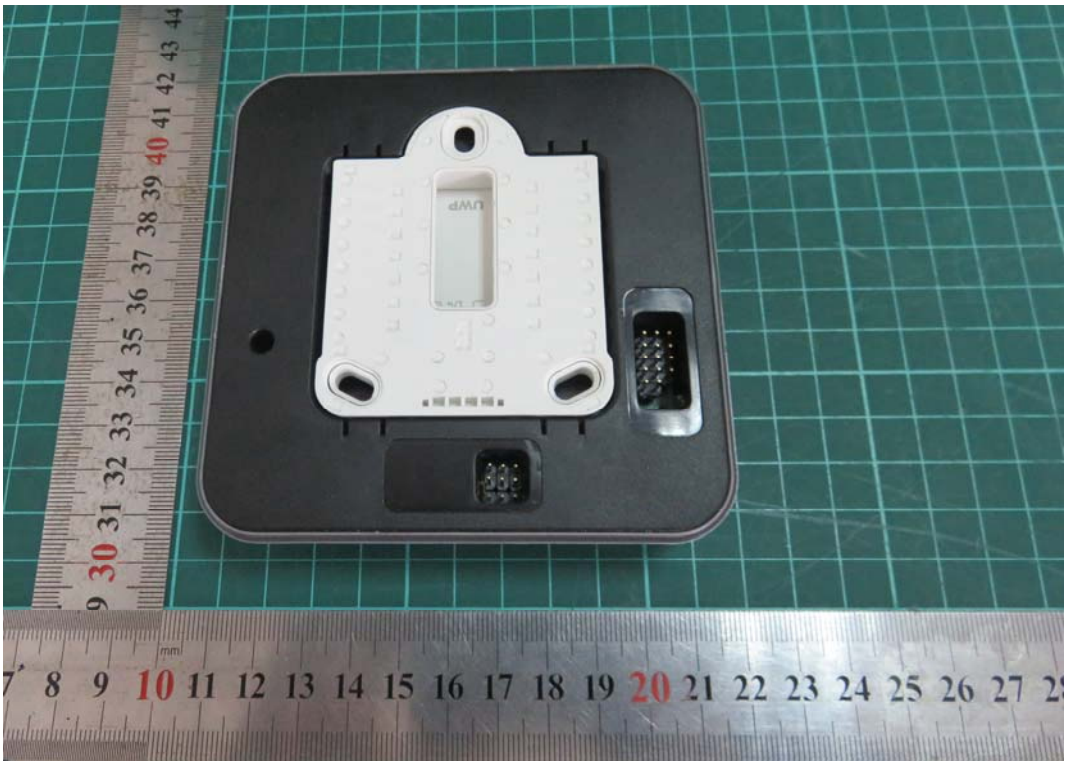
Name	Manufacturer	Type	Serial Number	Calibration Date	Expiration Time
Spectrum Analyzer	R&S	FSV40	15195-01-00	2017-05-14	2018-05-13
EMI Test Receiver	R&S	ESCI	100948	2017-05-20	2018-05-19
Loop Antenna	SCHWARZBECK	FMZB1519	1519-047	2017-02-18	2020-02-17
TRILOG Broadband Antenna	Schwarzbeck	VULB 9163	9163-201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

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

ANNEX A: EUT Appearance and Test Setup

A.1 EUT Appearance

Front Side

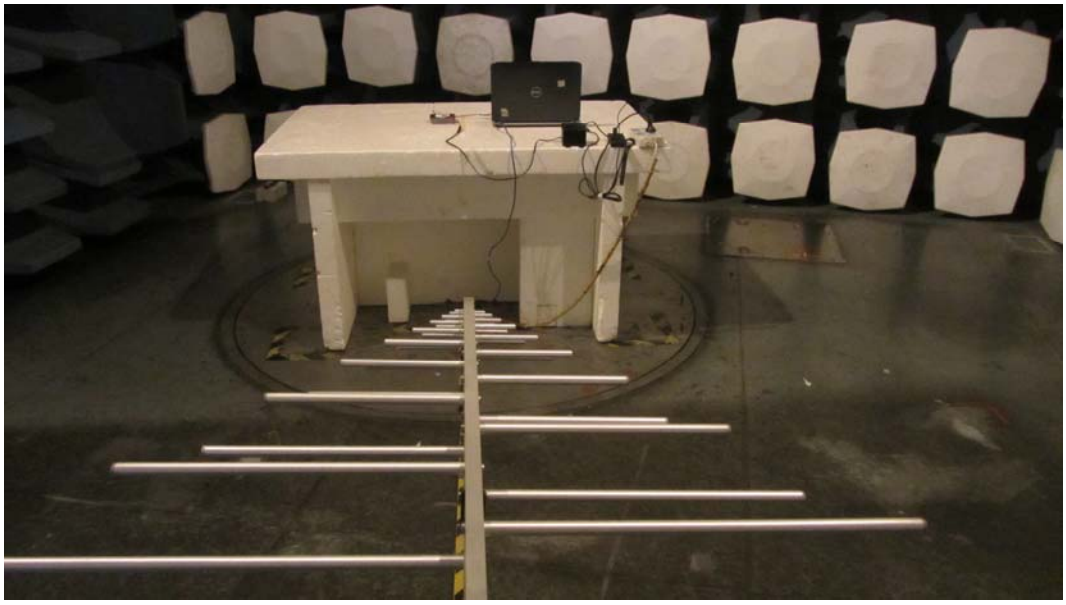


Back Side

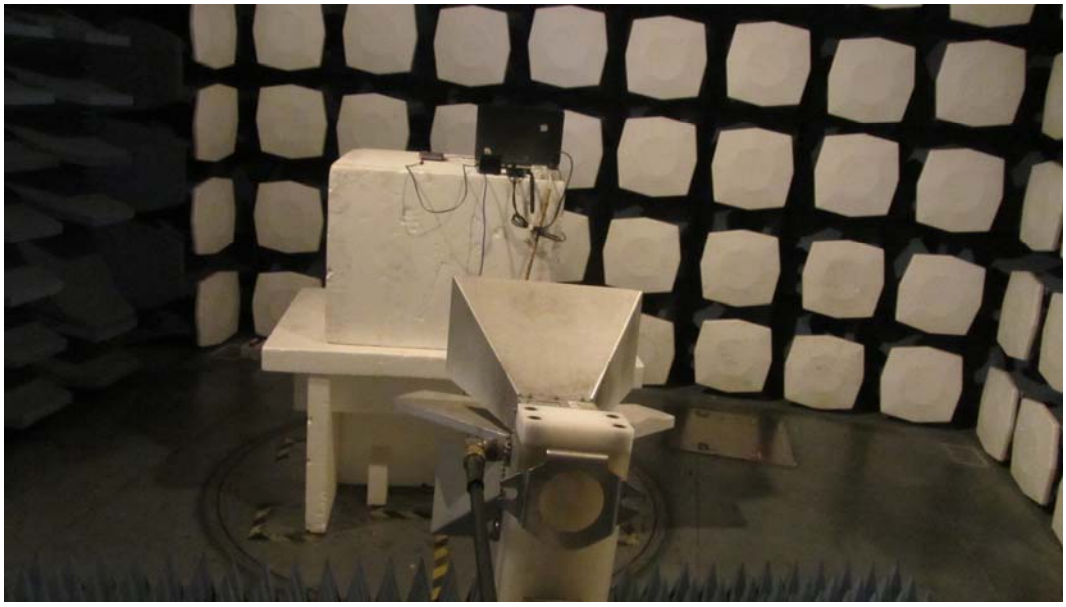
a: EUT

Picture 1 EUT and Accessory

A.2 Test Setup

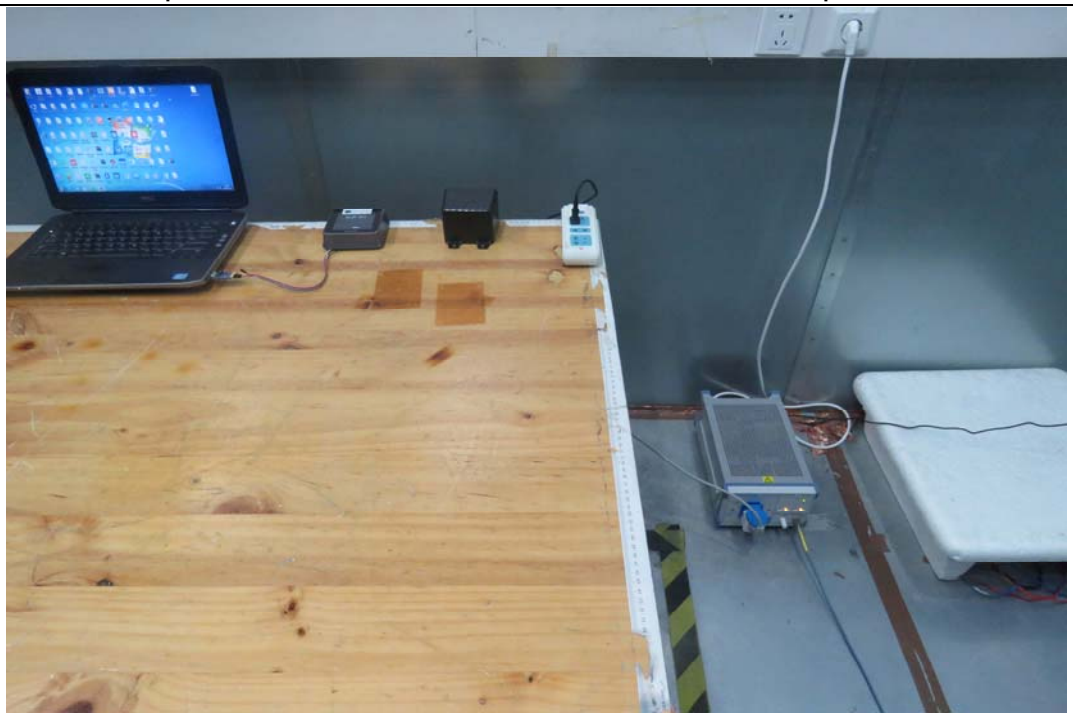


30MHz-1GHz



Above 1GHz

Picture 2 Radiated Emission Test Setup



Picture 3 Conducted Emission Test Setup