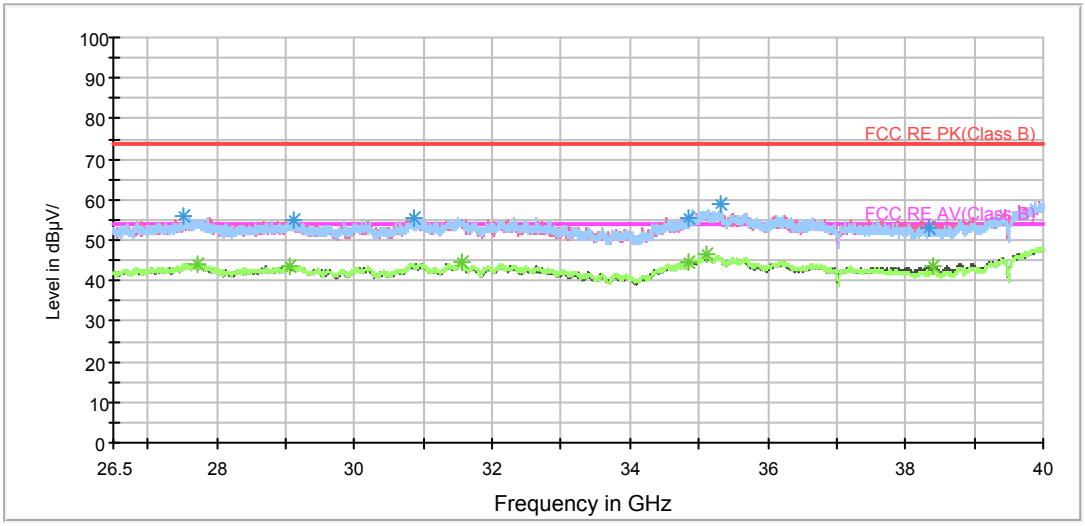
BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	39.9	100.0	V	289.0	43.1	-3.2	34.1	74
3653.125000	50.0	100.0	V	183.0	51.9	-1.9	24.0	74
4200.000000	45.1	100.0	H	49.0	44.7	0.4	28.9	74
5841.250000	44.6	100.0	H	96.0	40.1	4.5	29.4	74
6905.000000	45.9	100.0	V	305.0	39.6	6.3	28.1	74
7652.500000	43.6	100.0	H	64.0	36.7	6.9	30.4	74

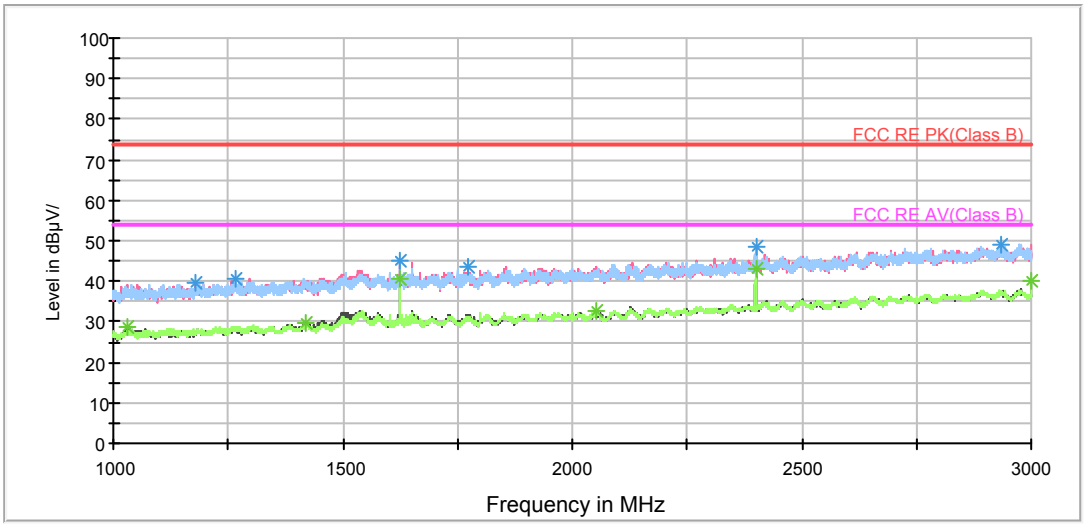
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	34.4	100.0	V	289.0	37.6	-3.2	19.6	54
3656.875000	39.2	100.0	V	183.0	41.1	-1.9	14.8	54
4200.000000	42.6	100.0	H	49.0	42.2	0.4	11.4	54
5838.125000	33.7	100.0	V	125.0	29.2	4.5	20.3	54
6991.250000	35.8	100.0	V	199.0	29.3	6.5	18.2	54
7657.500000	33.1	100.0	V	297.0	26.3	6.8	20.9	54

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

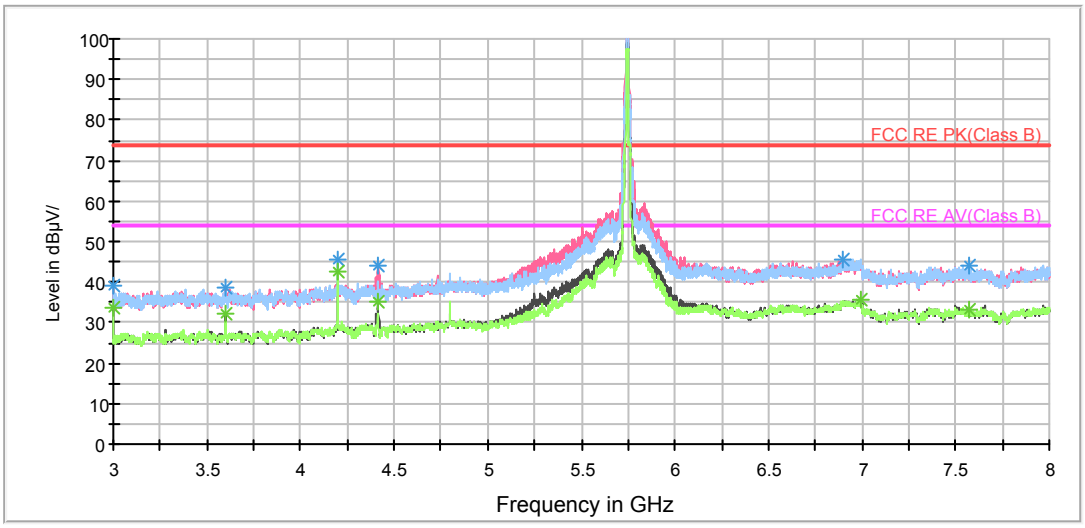
802.11a CH149

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

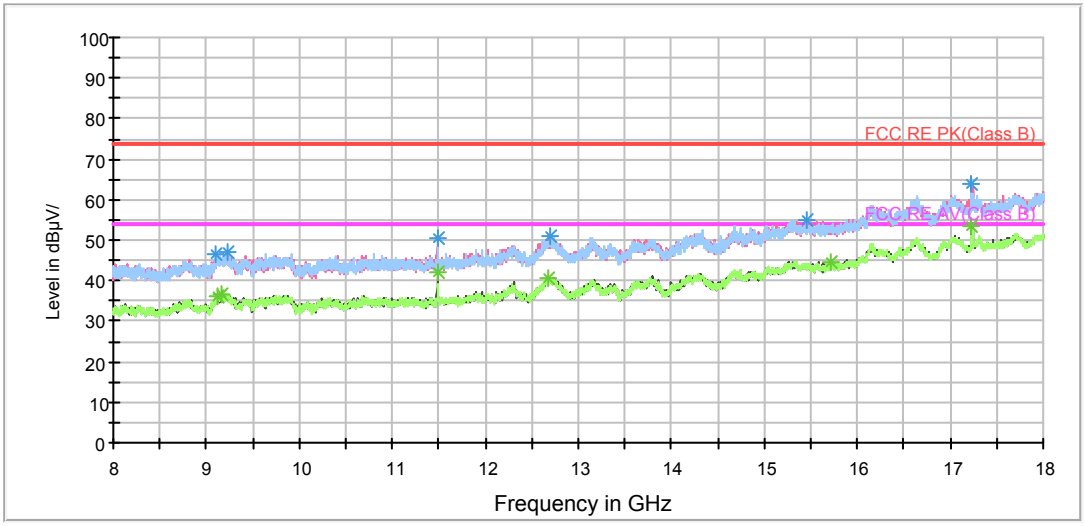
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

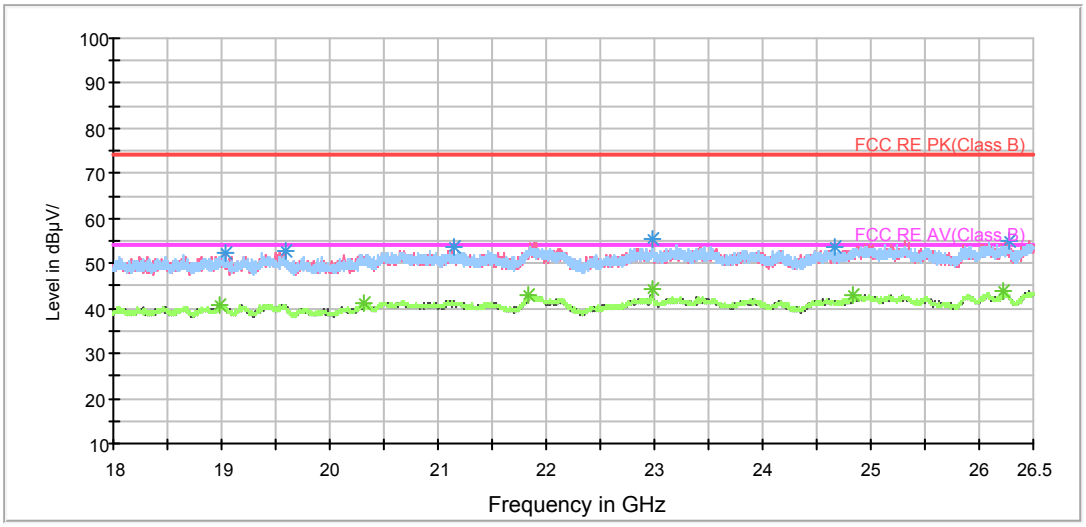
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



Radiates Emission from 8GHz to 18GHz

BELL_RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV

Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	39.2	100.0	V	0.0	42.4	-3.2	34.8	74
3600.000000	38.4	100.0	V	27.0	40.6	-2.2	35.6	74
4200.000000	45.8	100.0	H	49.0	45.4	0.4	28.2	74
4418.125000	43.8	100.0	V	282.0	43.6	0.2	30.2	74
6902.500000	45.6	100.0	V	358.0	39.3	6.3	28.4	74
7575.625000	44.0	100.0	H	274.0	36.9	7.1	30.0	74

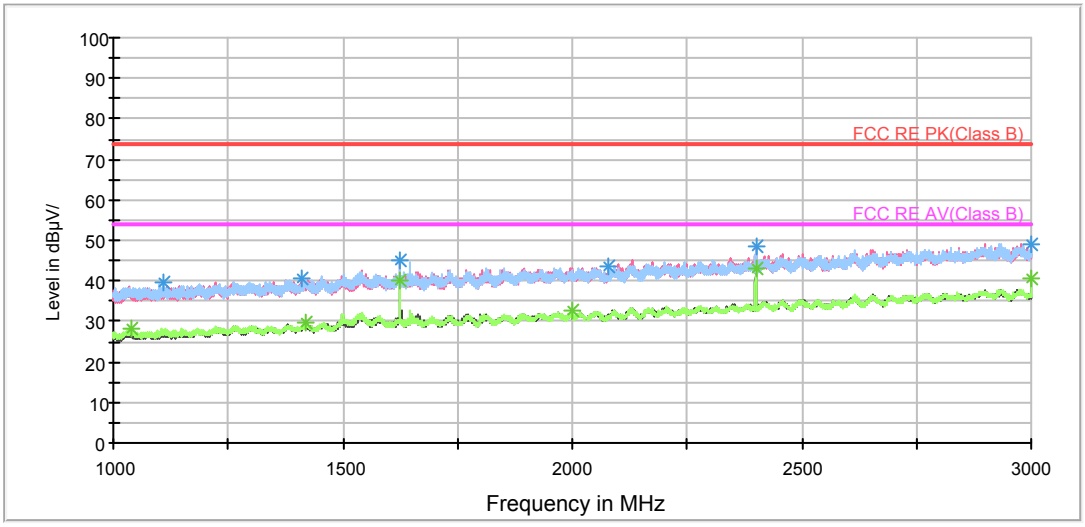
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	33.6	100.0	V	0.0	36.8	-3.2	20.4	54
3600.000000	32.2	100.0	V	27.0	34.4	-2.2	21.8	54
4200.000000	42.8	100.0	H	49.0	42.4	0.4	11.2	54
4412.500000	35.0	100.0	V	282.0	34.8	0.2	19.0	54
6991.250000	35.5	100.0	V	343.0	29.0	6.5	18.5	54
7573.125000	33.3	100.0	V	328.0	26.2	7.1	20.7	54

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

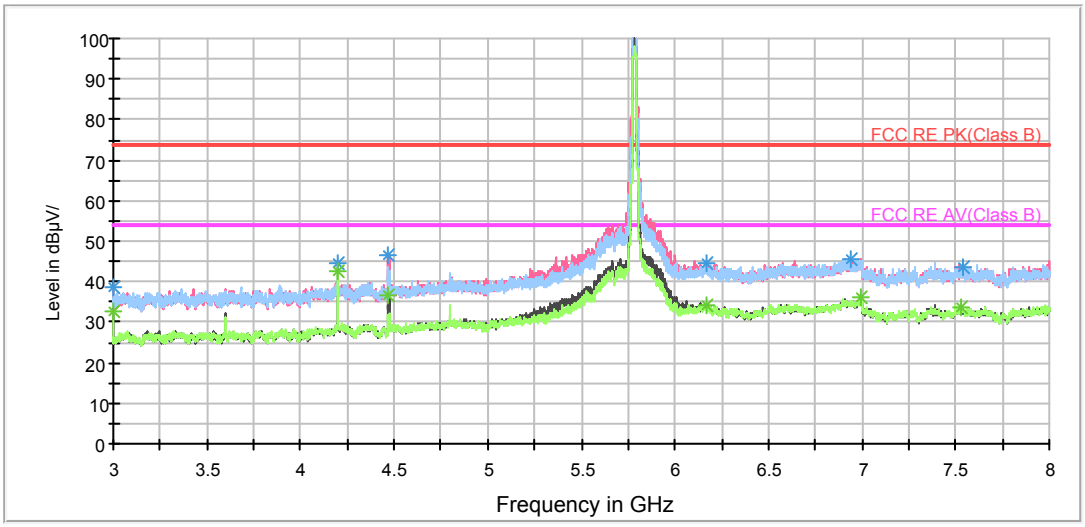
802.11a CH157

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

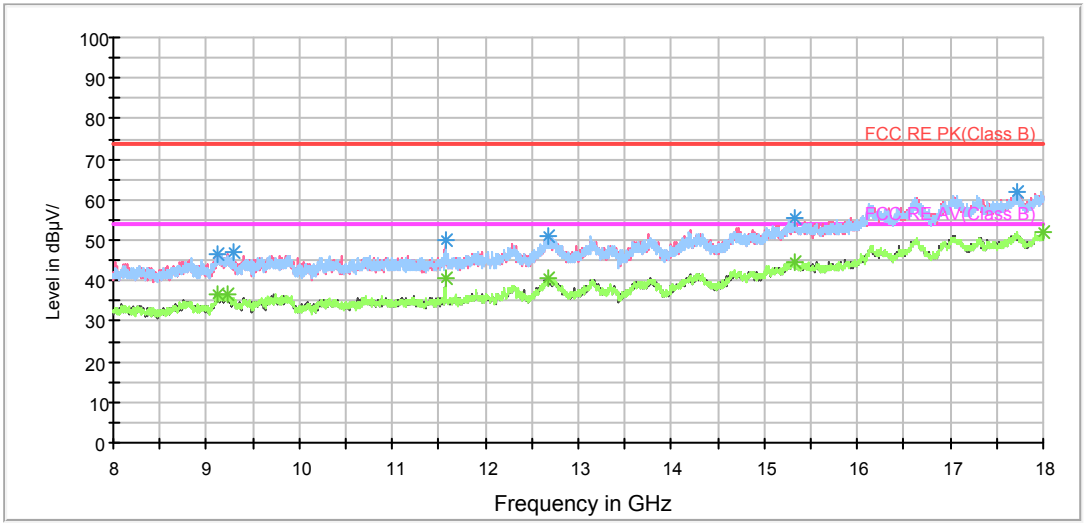
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

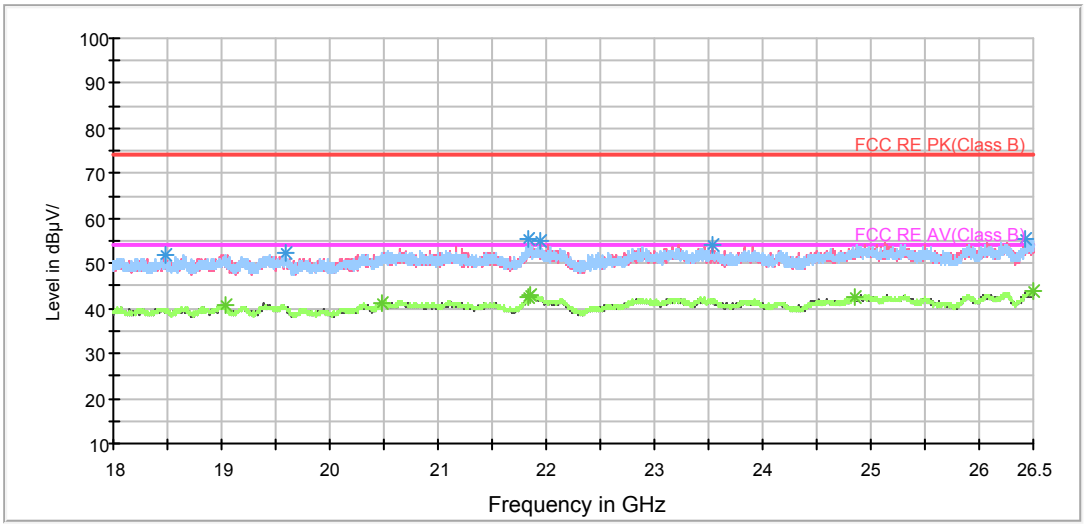
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



Radiates Emission from 8GHz to 18GHz

BELL_RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV

Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	38.4	100.0	V	0.0	41.6	-3.2	35.6	74
4200.000000	44.7	100.0	H	49.0	44.3	0.4	29.3	74
4470.625000	46.8	100.0	V	89.0	46.4	0.4	27.2	74
6168.750000	44.5	100.0	V	203.0	39.0	5.5	29.5	74
6941.875000	45.8	100.0	H	0.0	39.7	6.1	28.2	74
7536.250000	43.6	100.0	H	228.0	36.6	7.0	30.4	74

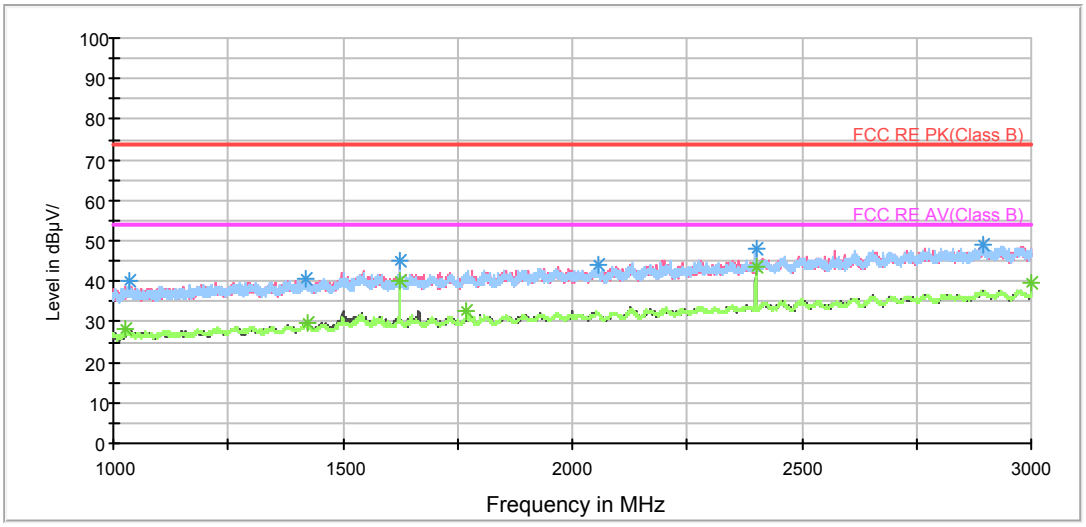
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	32.7	100.0	H	8.0	35.9	-3.2	21.3	54
4200.000000	42.7	100.0	H	49.0	42.3	0.4	11.3	54
4470.000000	36.8	100.0	V	106.0	36.4	0.4	17.2	54
6166.250000	34.3	100.0	V	0.0	28.7	5.6	19.7	54
6989.375000	35.9	100.0	H	160.0	29.5	6.4	18.1	54
7533.750000	33.7	100.0	V	313.0	26.7	7.0	20.3	54

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

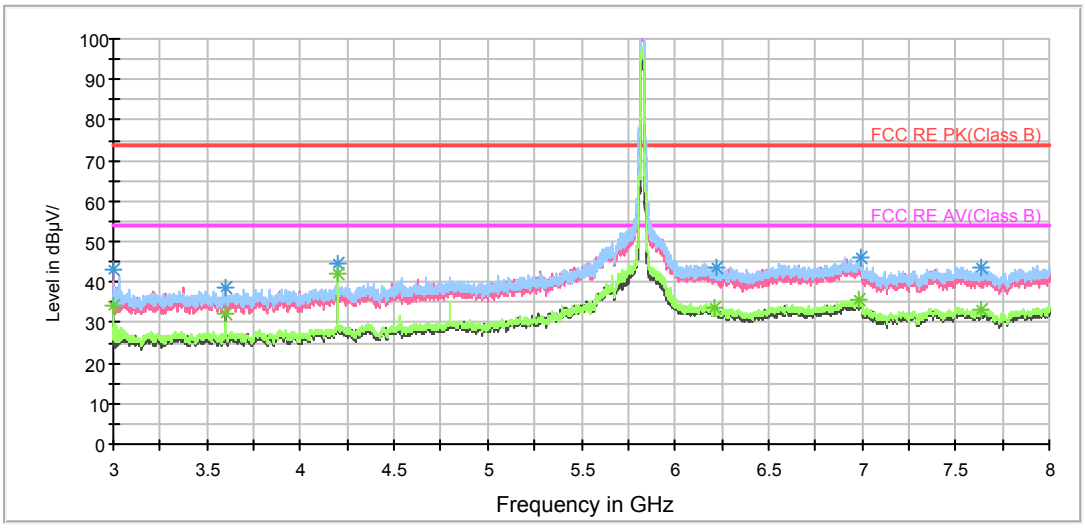
802.11a CH165

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

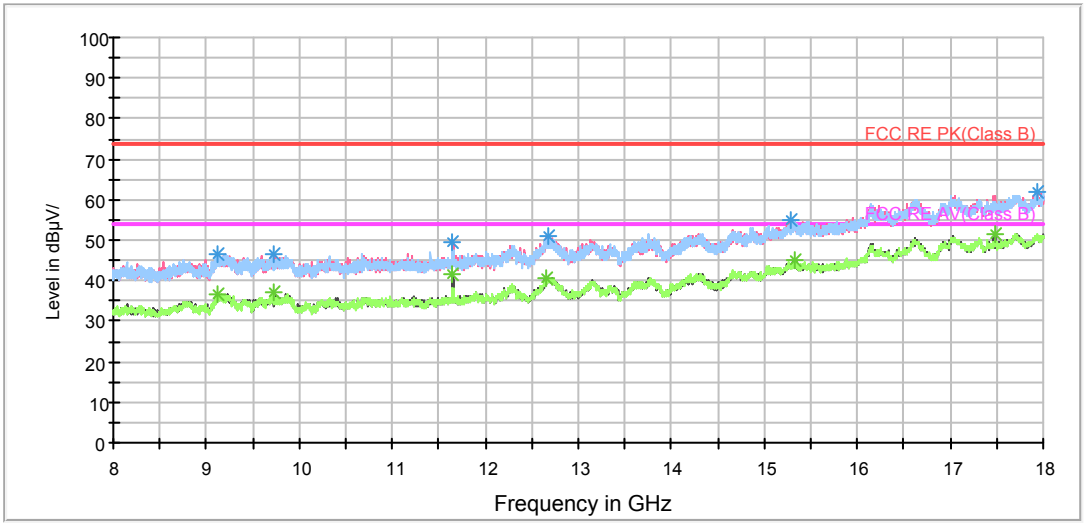
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

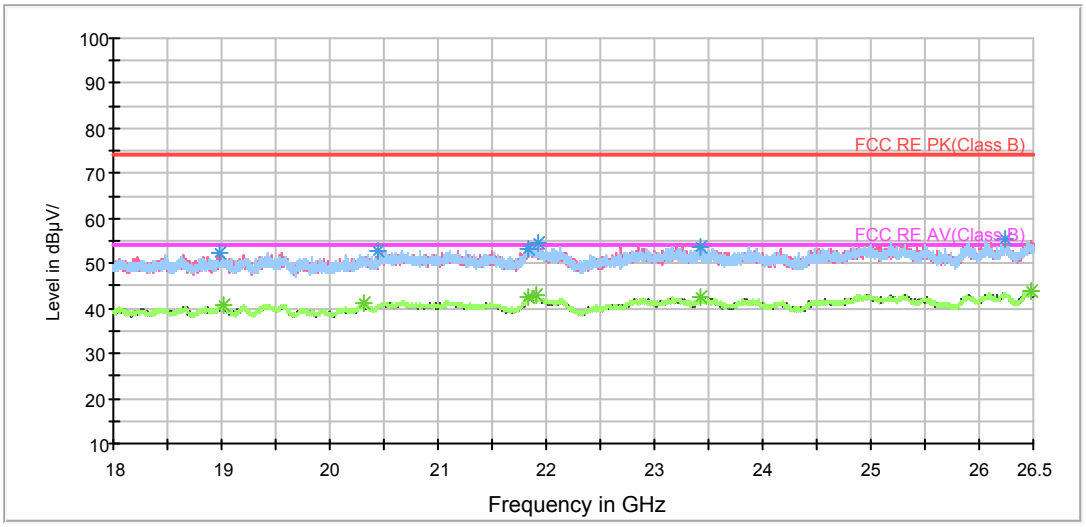
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



Radiates Emission from 8GHz to 18GHz

BELL_RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV

Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	42.8	100.0	V	41.0	46.0	-3.2	31.2	74
3599.375000	38.7	100.0	V	33.0	40.9	-2.2	35.3	74
4199.375000	44.7	100.0	H	54.0	44.3	0.4	29.3	74
6220.625000	43.7	100.0	H	7.0	38.3	5.4	30.3	74
6995.625000	46.1	100.0	H	0.0	39.6	6.5	27.9	74
7634.375000	43.7	100.0	V	0.0	36.8	6.9	30.3	74

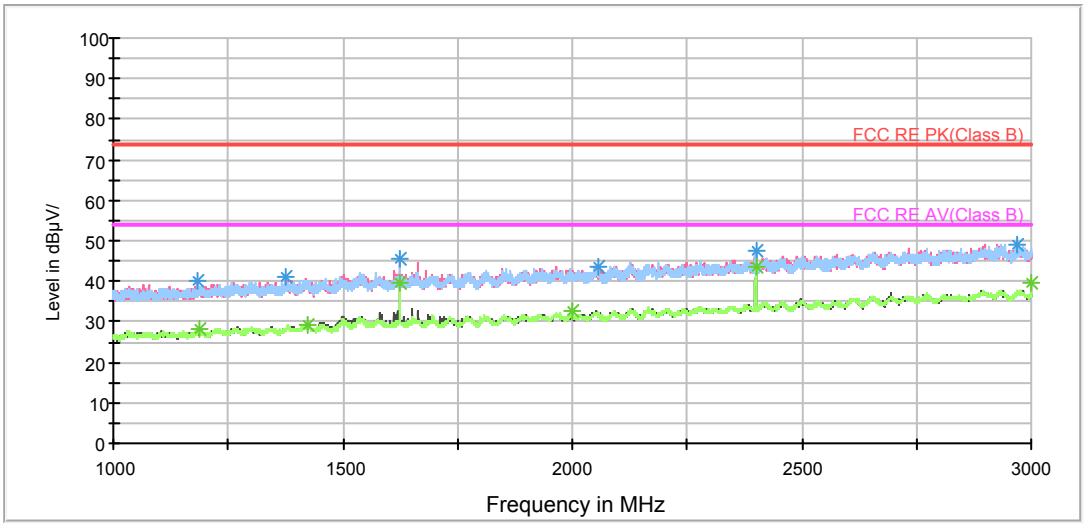
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	33.9	100.0	H	280.0	37.1	-3.2	20.1	54
3600.000000	32.2	100.0	V	33.0	34.4	-2.2	21.8	54
4200.000000	41.9	100.0	H	54.0	41.5	0.4	12.1	54
6216.250000	33.9	100.0	H	237.0	28.5	5.4	20.1	54
6978.125000	35.4	100.0	V	17.0	29.1	6.3	18.6	54
7641.250000	33.2	100.0	H	76.0	26.3	6.9	20.8	54

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

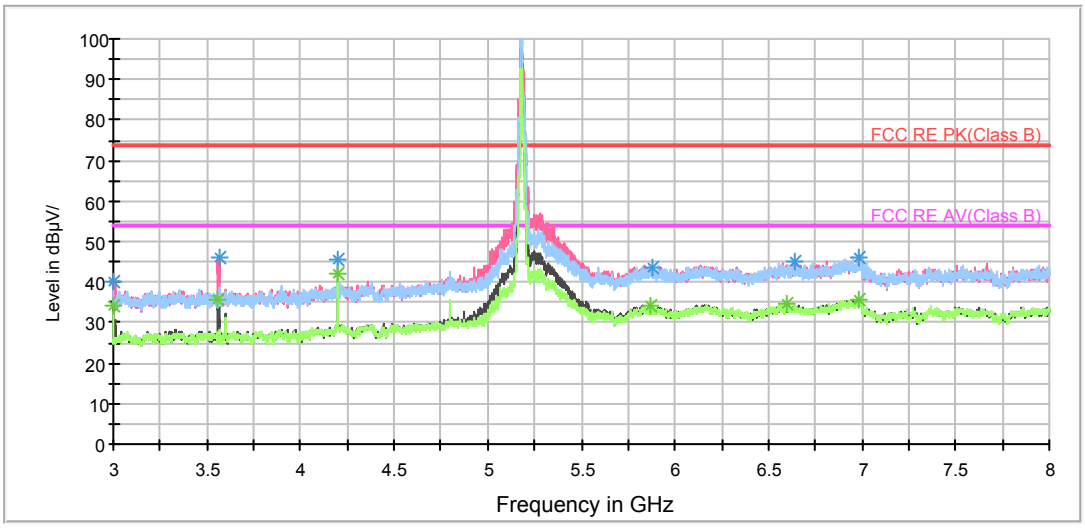
802.11n (HT20) CH36

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

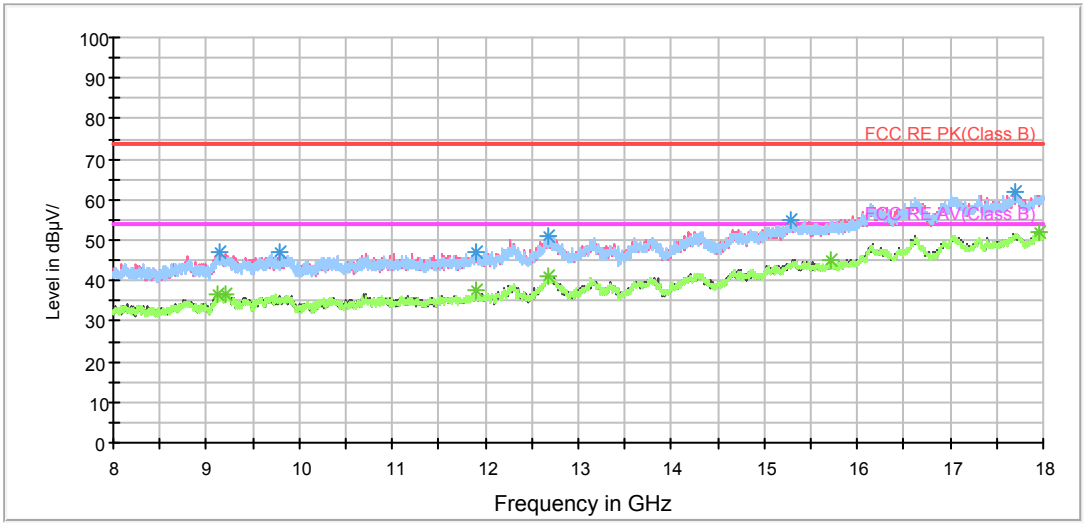
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

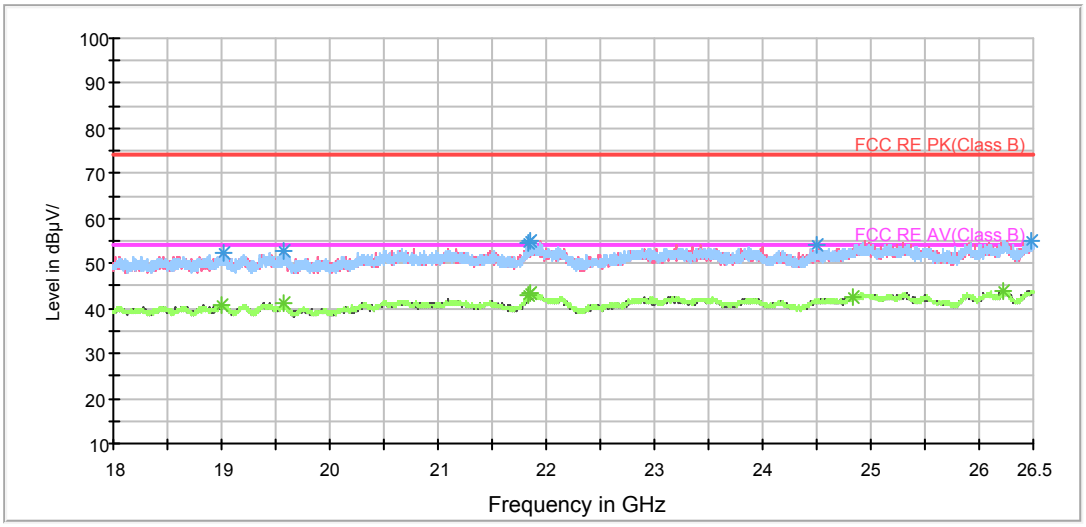
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



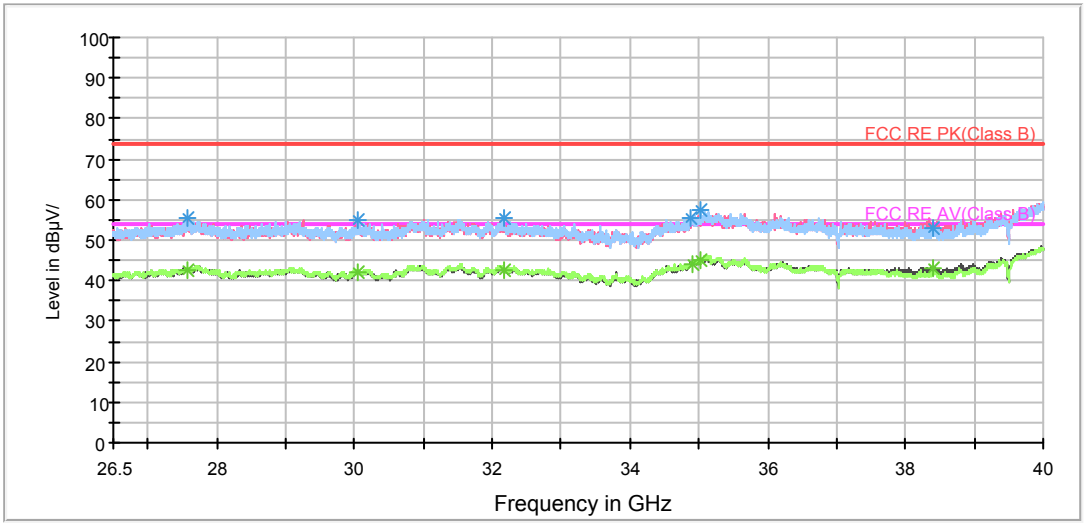
Radiates Emission from 8GHz to 18GHz

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)
3000.000000	39.9	100.0	V	291.0	43.1	-3.2	34.1	74
3562.500000	46.1	100.0	V	187.0	48.2	-2.1	27.9	74
4200.000000	45.5	100.0	H	51.0	45.1	0.4	28.5	74
5877.500000	43.7	100.0	H	83.0	38.8	4.9	30.3	74
6636.875000	44.9	100.0	V	46.0	39.4	5.5	29.1	74
6983.125000	46.1	100.0	H	203.0	39.7	6.4	27.9	74

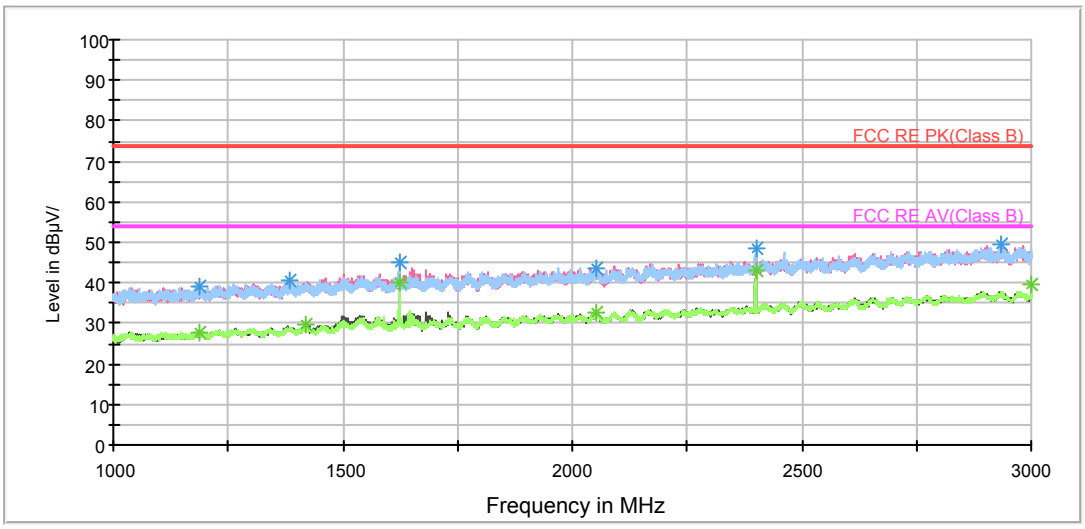
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	34.3	100.0	V	291.0	37.5	-3.2	19.7	54
3561.875000	35.7	100.0	V	187.0	37.8	-2.1	18.3	54
4200.000000	42.1	100.0	H	51.0	41.7	0.4	11.9	54
5873.750000	34.0	100.0	V	0.0	29.1	4.9	20.0	54
6595.625000	34.5	100.0	H	115.0	28.8	5.7	19.5	54
6979.375000	35.9	100.0	H	91.0	29.6	6.3	18.1	54

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

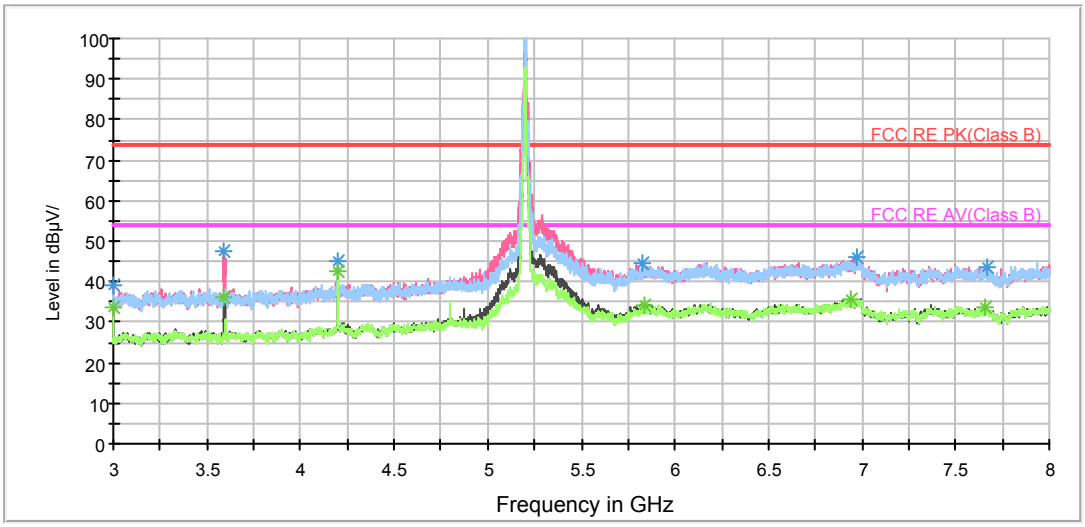
802.11n (HT20) CH40

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

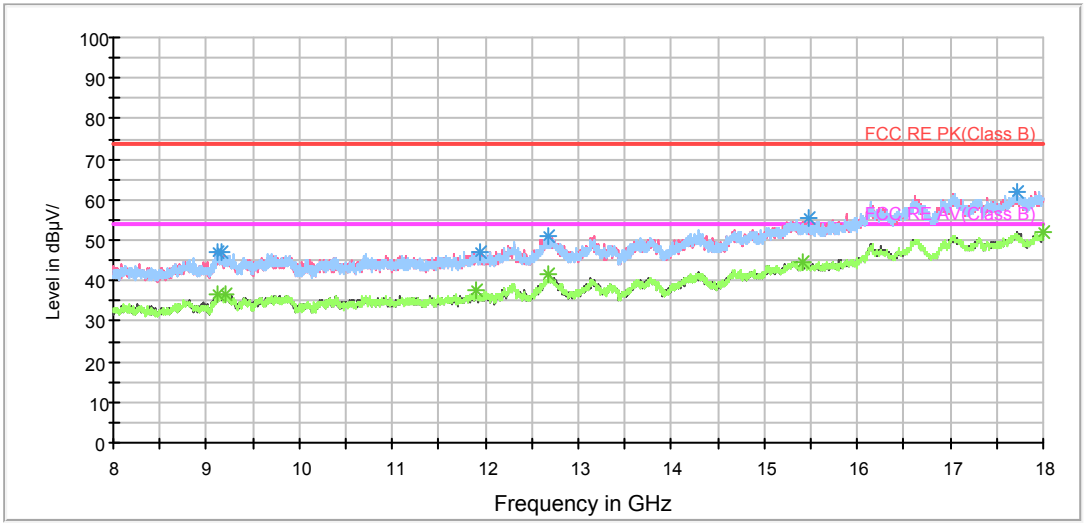
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

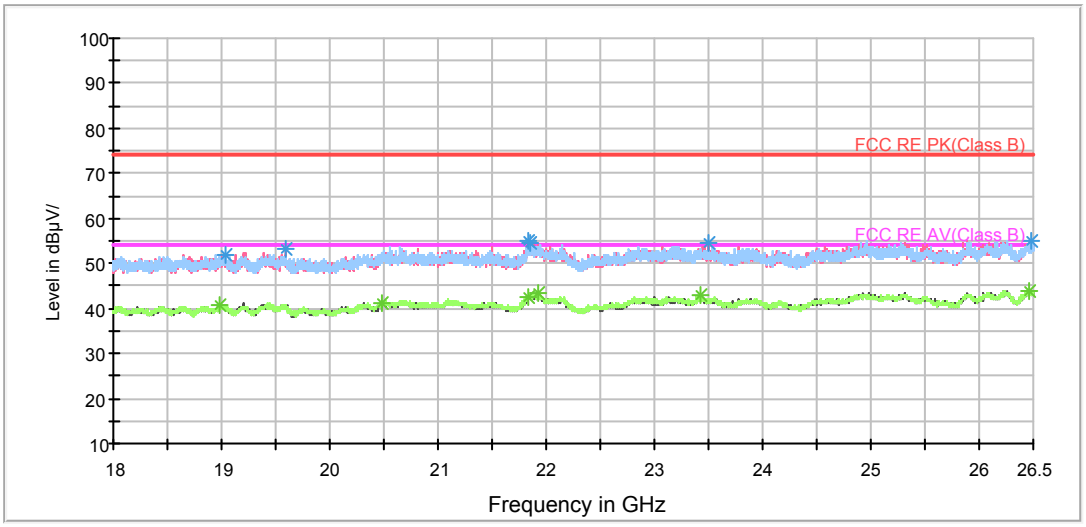
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



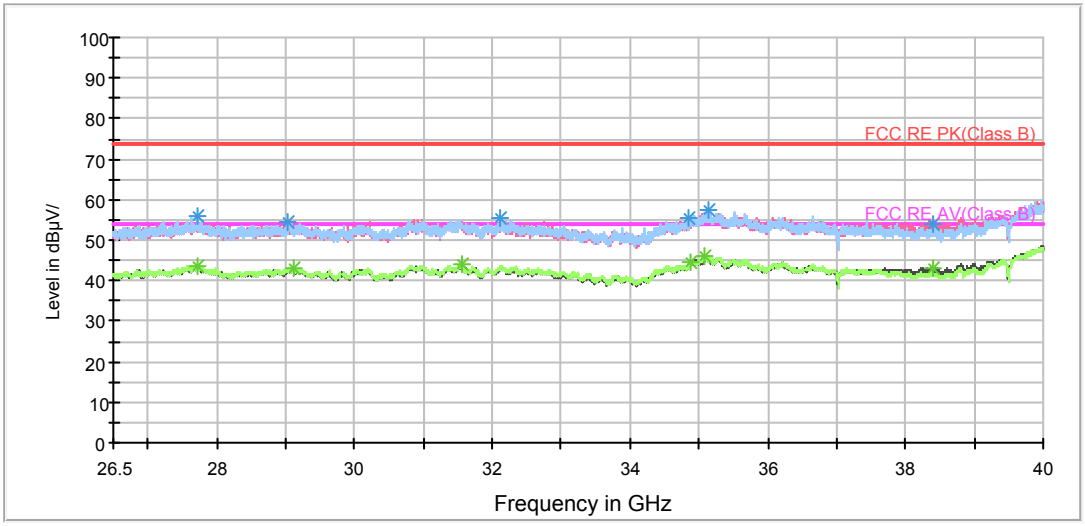
Radiates Emission from 8GHz to 18GHz

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)
3000.000000	39.2	100.0	V	289.0	42.4	-3.2	34.8	74
3593.750000	47.6	100.0	V	192.0	49.9	-2.3	26.4	74
4200.000000	44.9	100.0	H	53.0	44.5	0.4	29.1	74
5825.625000	44.7	100.0	V	280.0	40.2	4.5	29.3	74
6977.500000	45.9	100.0	H	62.0	39.6	6.3	28.1	74
7665.000000	43.7	100.0	V	345.0	36.9	6.8	30.3	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	33.7	100.0	V	289.0	36.9	-3.2	20.3	54
3593.750000	36.1	100.0	V	192.0	38.4	-2.3	17.9	54
4200.000000	42.4	100.0	H	53.0	42.0	0.4	11.6	54
5842.500000	34.0	100.0	V	280.0	29.5	4.5	20.0	54
6936.250000	35.5	100.0	H	53.0	29.4	6.1	18.5	54
7658.125000	33.5	100.0	H	0.0	26.7	6.8	20.5	54

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

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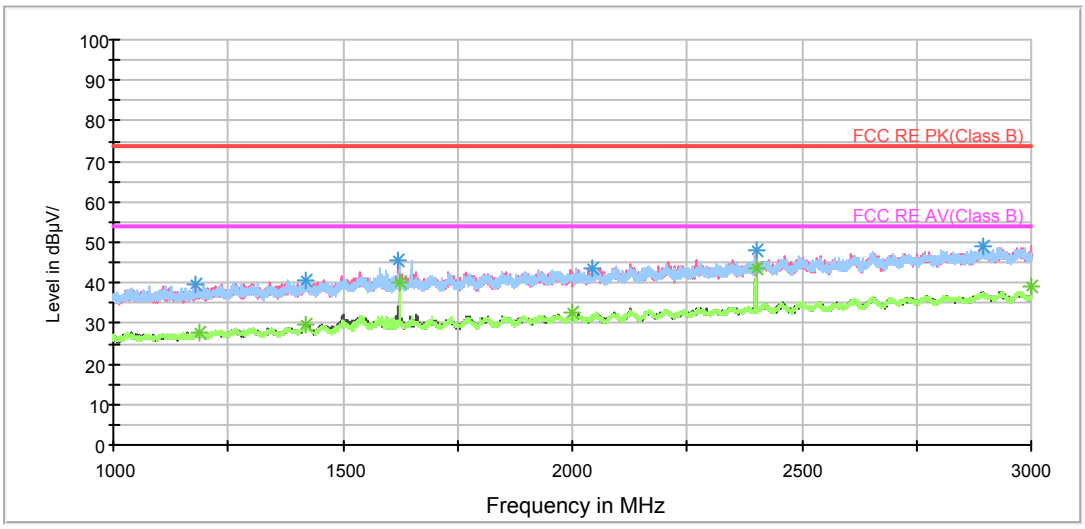
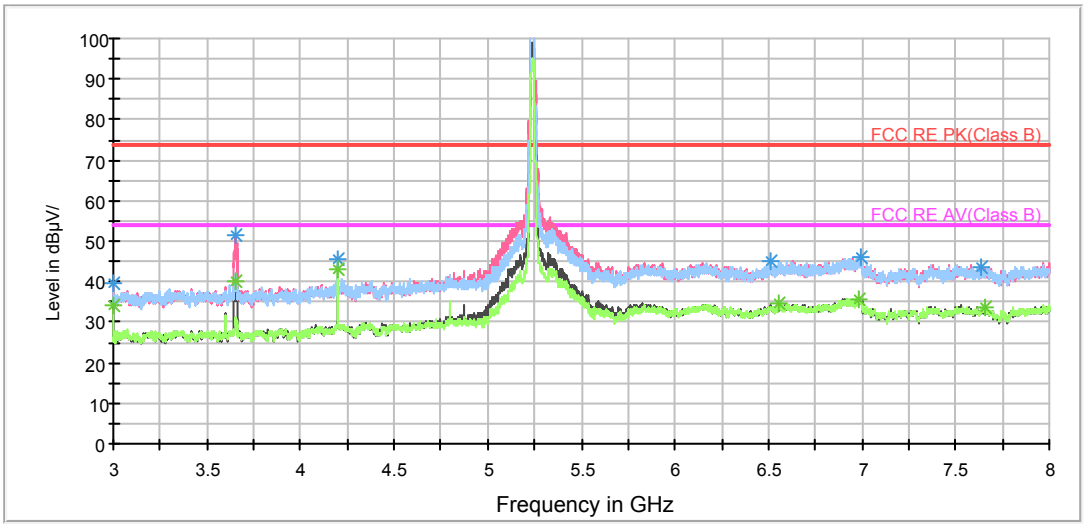
RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

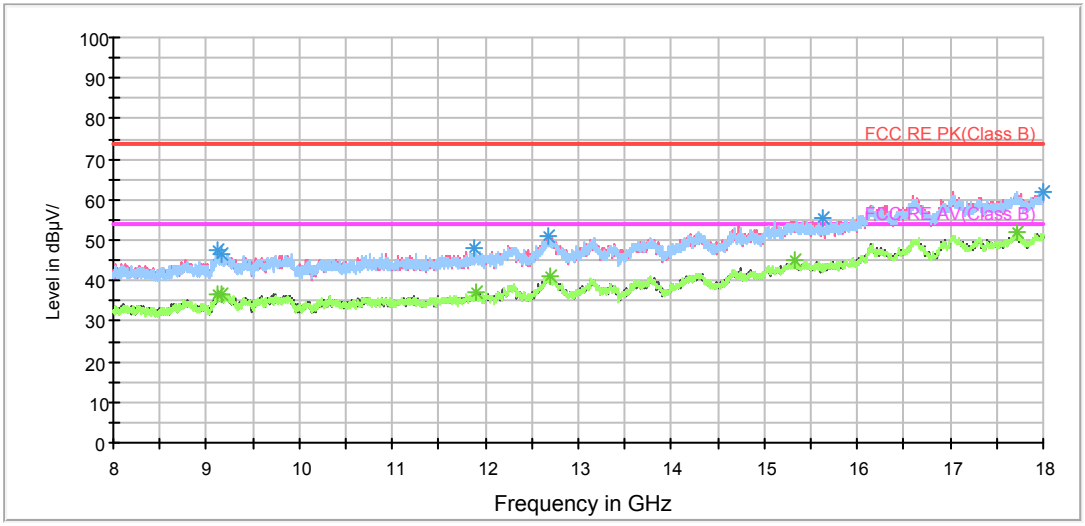
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

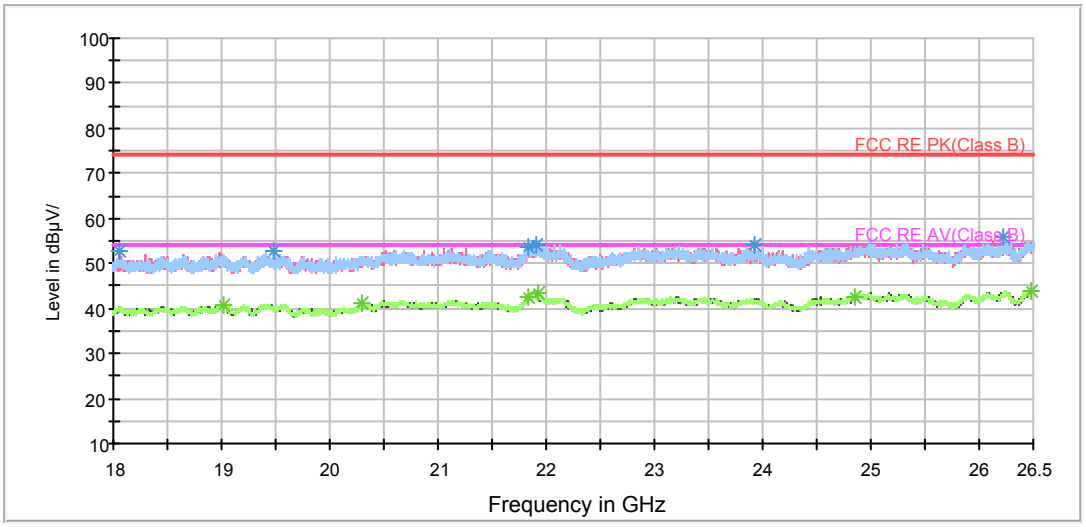
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



Radiates Emission from 8GHz to 18GHz

BELL_RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV

Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	39.5	200.0	H	0.0	42.7	-3.2	34.5	74
3652.500000	51.7	200.0	V	189.0	53.6	-1.9	22.3	74
4200.000000	45.6	100.0	H	53.0	45.2	0.4	28.4	74
6514.375000	45.2	100.0	H	173.0	39.7	5.5	28.8	74
6988.750000	46.3	100.0	H	85.0	39.9	6.4	27.7	74
7633.125000	43.6	100.0	H	149.0	36.7	6.9	30.4	74

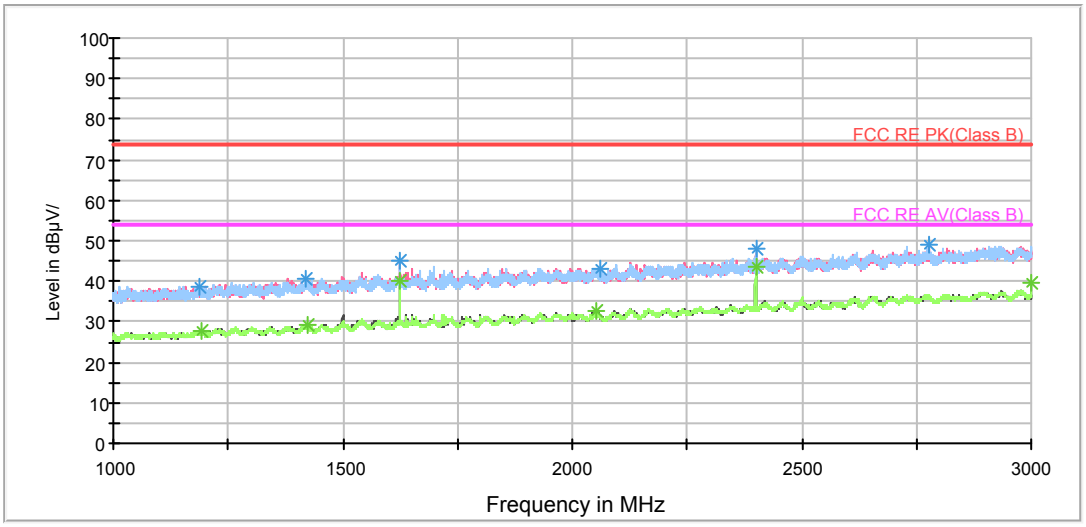
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	34.2	100.0	V	285.0	37.4	-3.2	19.8	54
3655.000000	40.0	200.0	V	189.0	41.9	-1.9	14.0	54
4200.000000	43.2	100.0	H	53.0	42.8	0.4	10.8	54
6555.625000	34.7	200.0	H	0.0	29.0	5.7	19.3	54
6988.125000	35.9	200.0	H	0.0	29.5	6.4	18.1	54
7652.500000	33.5	200.0	H	317.0	26.6	6.9	20.5	54

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

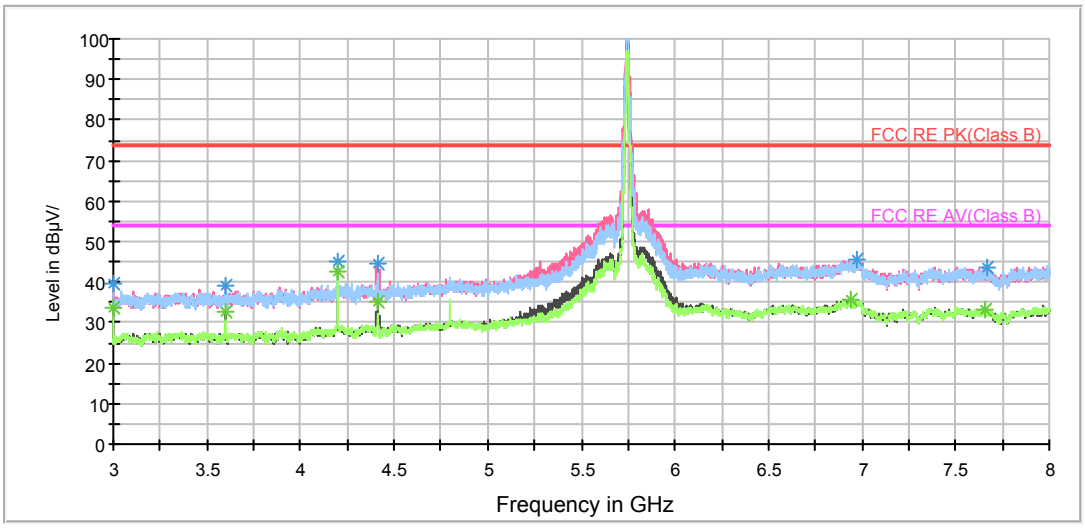
802.11n (HT20) CH149

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

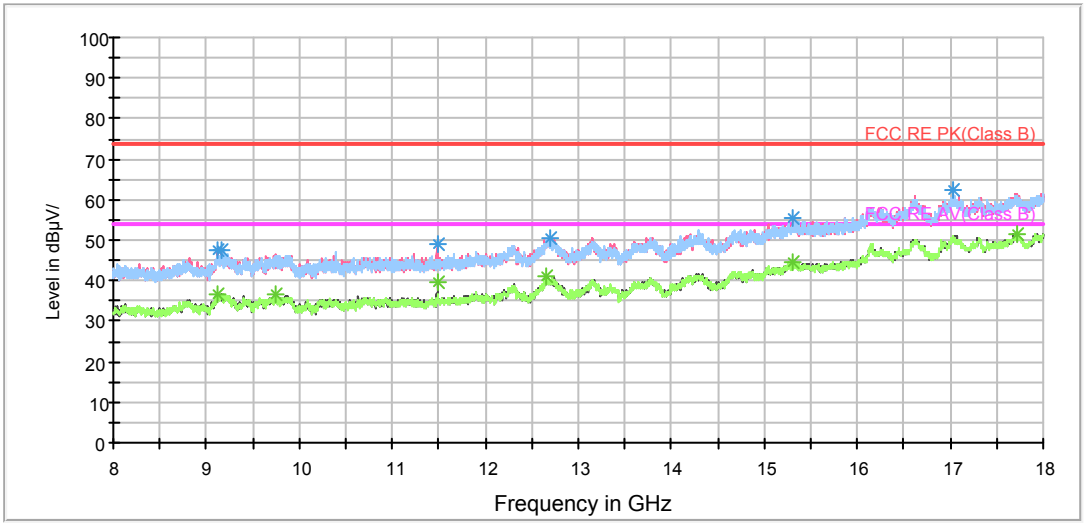
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

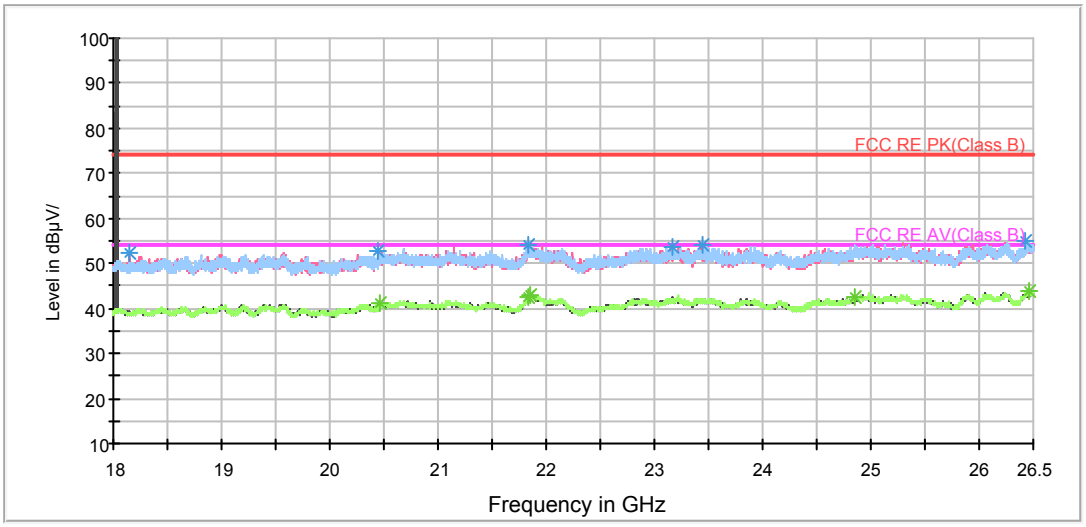
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



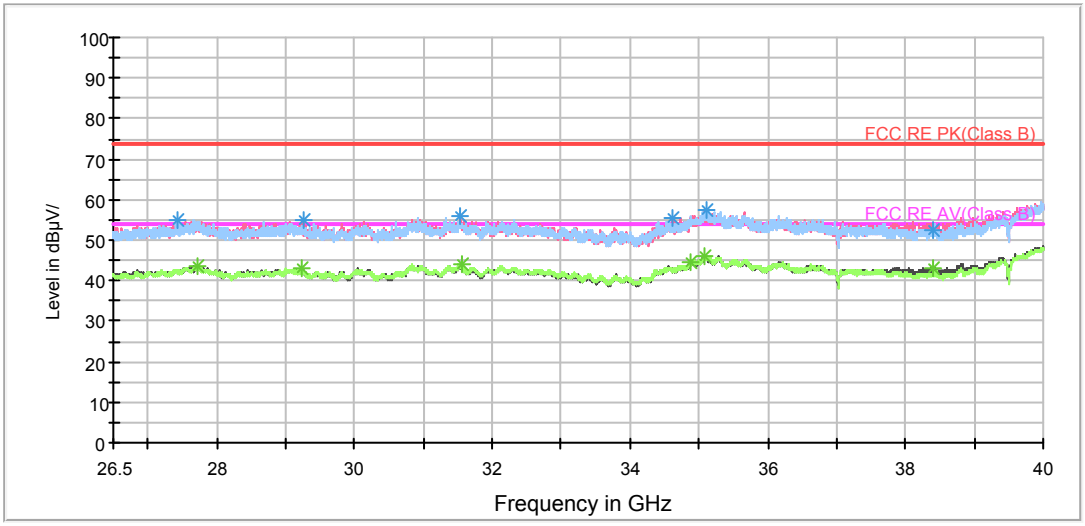
Radiates Emission from 8GHz to 18GHz

BELL_RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV



Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	39.4	100.0	H	9.0	42.6	-3.2	34.6	74
3600.000000	39.0	100.0	V	0.0	41.2	-2.2	35.0	74
4200.000000	44.9	100.0	H	48.0	44.5	0.4	29.1	74
4415.000000	44.7	100.0	V	269.0	44.5	0.2	29.3	74
6972.500000	45.5	100.0	H	89.0	39.2	6.3	28.5	74
7666.875000	43.4	100.0	V	55.0	36.6	6.8	30.6	74

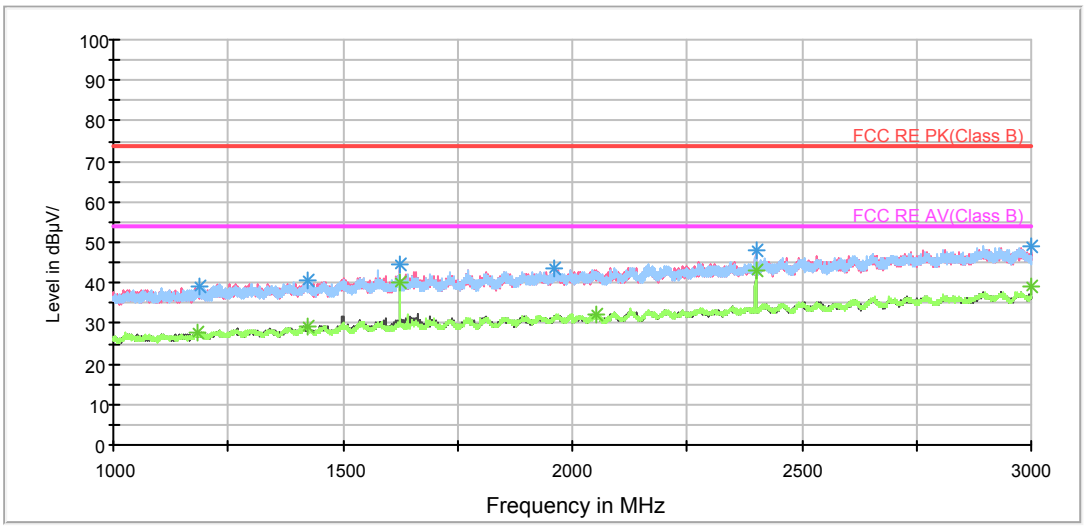
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	33.8	100.0	V	0.0	37.0	-3.2	20.2	54
3600.000000	32.5	100.0	V	0.0	34.7	-2.2	21.5	54
4200.000000	42.7	100.0	H	48.0	42.3	0.4	11.3	54
4410.625000	35.0	100.0	V	277.0	34.8	0.2	19.0	54
6938.750000	35.6	100.0	H	17.0	29.5	6.1	18.4	54
7659.375000	33.1	100.0	H	17.0	26.3	6.8	20.9	54

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

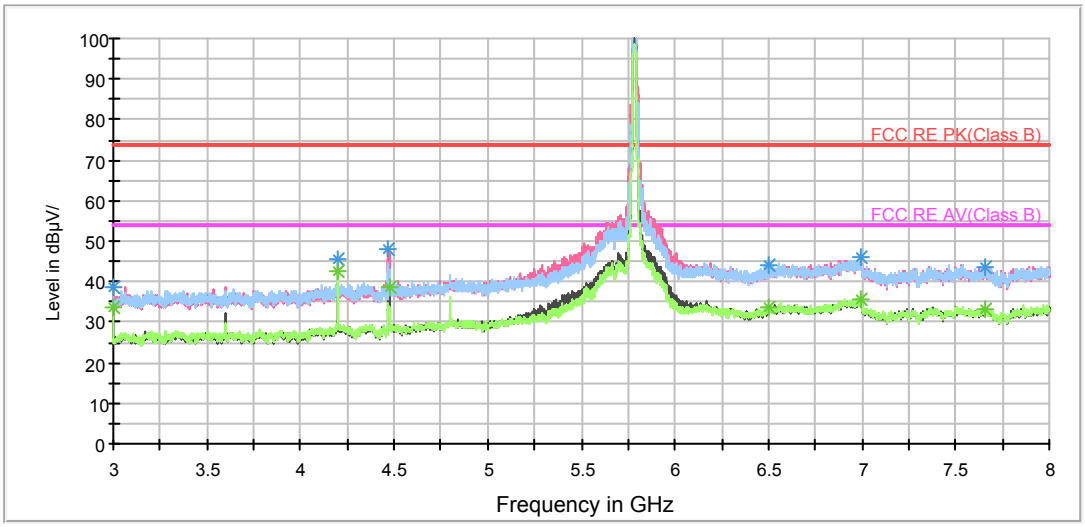
802.11n (HT20) CH157

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

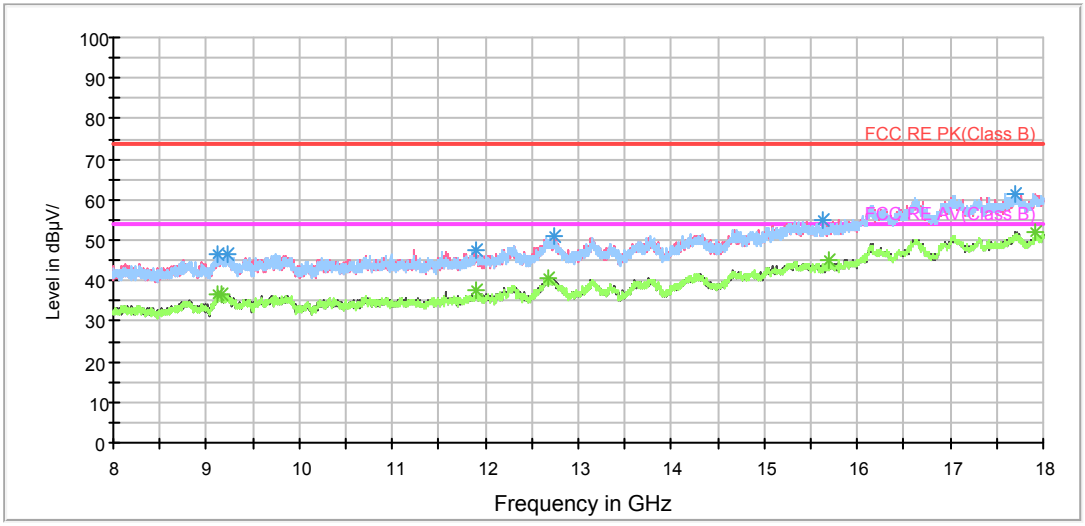
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

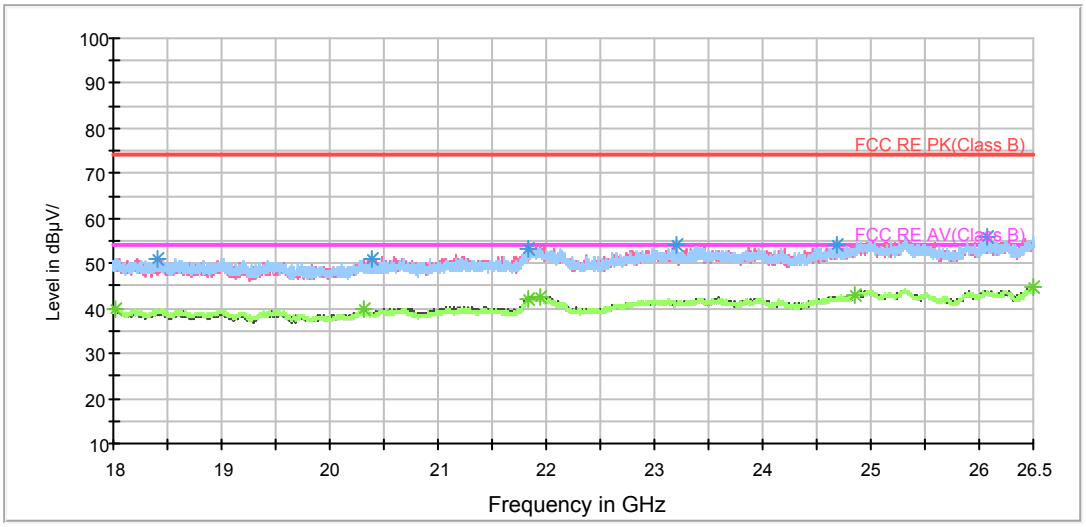
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



Radiates Emission from 8GHz to 18GHz

BELL_RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV

Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	38.6	100.0	V	359.0	41.8	-3.2	35.4	74
4200.000000	45.3	100.0	H	49.0	44.9	0.4	28.7	74
4470.625000	48.0	100.0	V	278.0	47.6	0.4	26.0	74
6501.875000	44.1	100.0	H	280.0	38.8	5.3	29.9	74
6991.250000	45.8	100.0	V	254.0	39.3	6.5	28.2	74
7656.875000	43.4	100.0	V	343.0	36.6	6.8	30.6	74

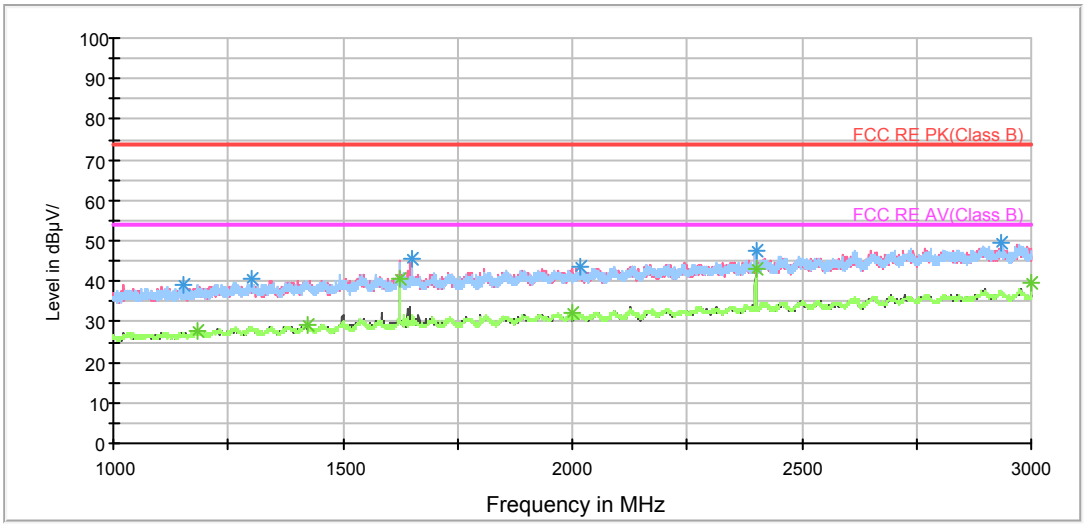
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	33.6	100.0	V	359.0	36.8	-3.2	20.4	54
4200.000000	42.7	100.0	H	49.0	42.3	0.4	11.3	54
4472.500000	38.8	100.0	V	278.0	38.4	0.4	15.2	54
6502.500000	33.7	100.0	V	222.0	28.4	5.3	20.3	54
6991.875000	35.5	100.0	V	203.0	29.0	6.5	18.5	54
7656.250000	33.3	100.0	V	343.0	26.5	6.8	20.7	54

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

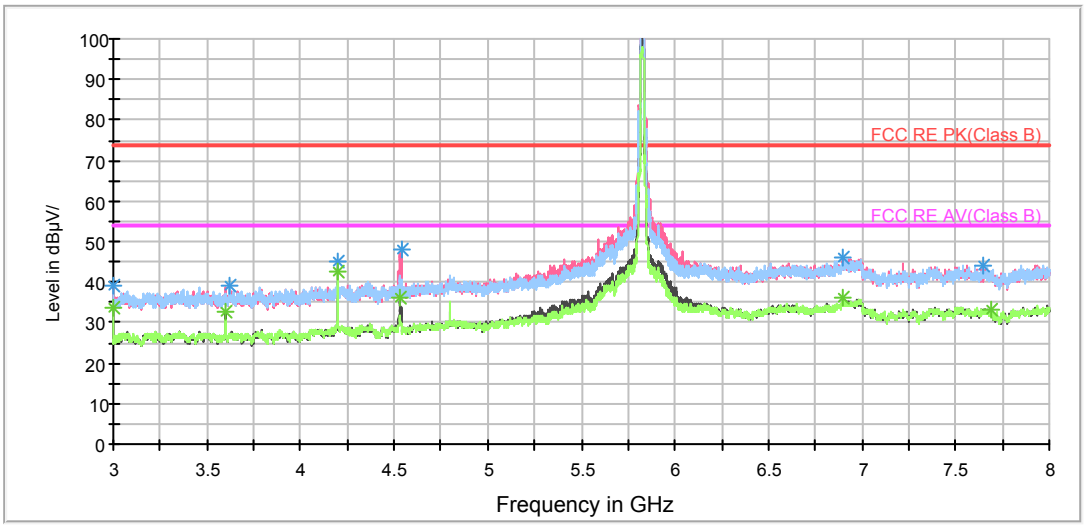
802.11n (HT20) CH165

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

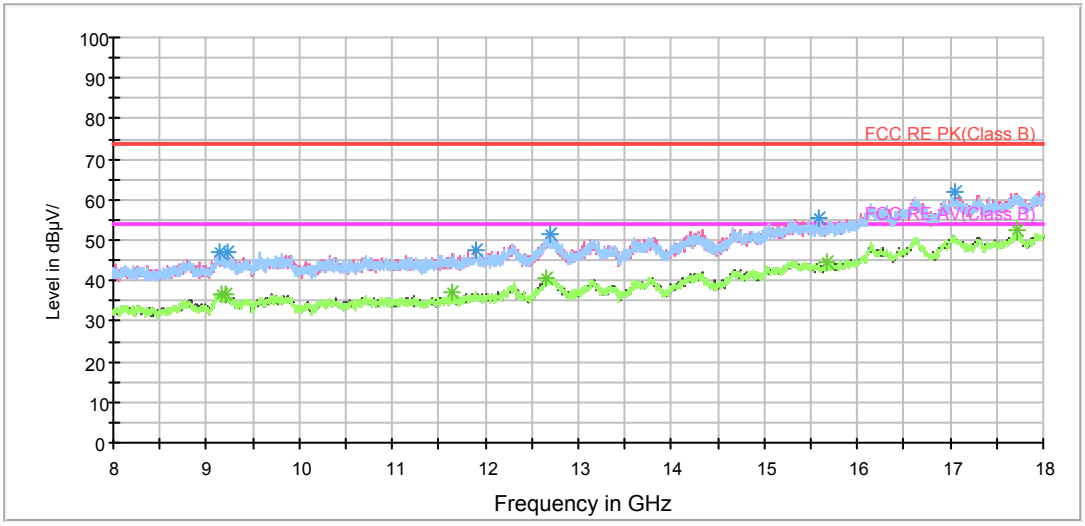
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

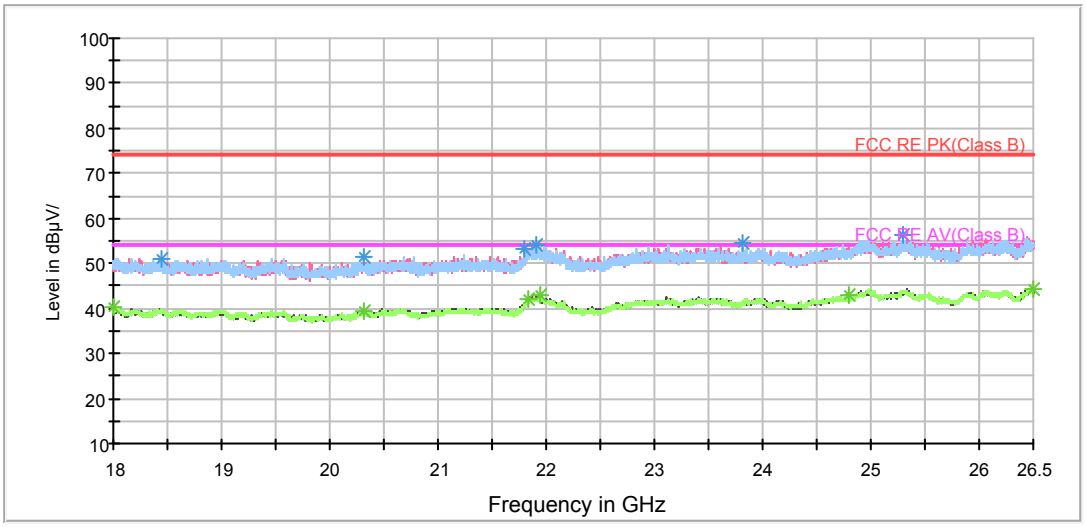
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



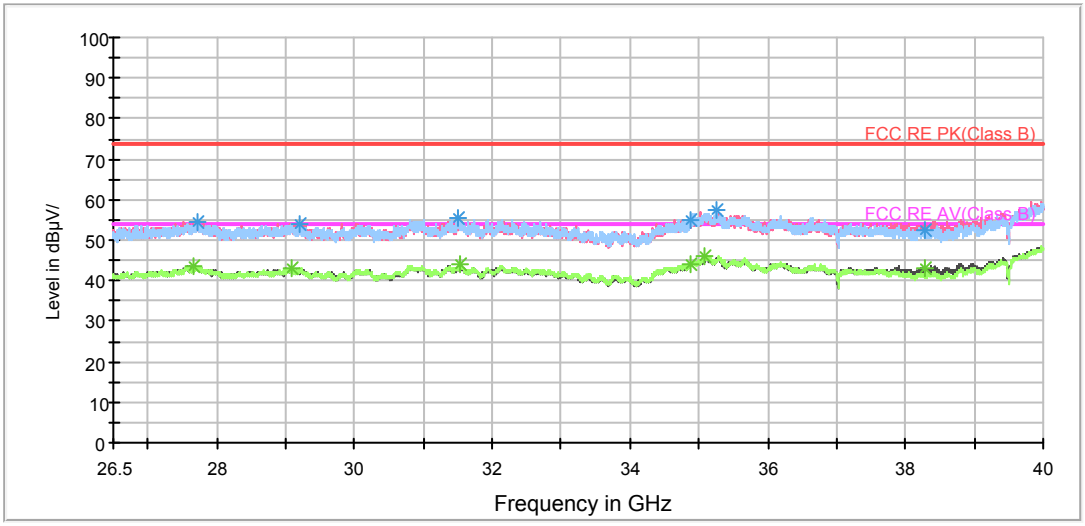
Radiates Emission from 8GHz to 18GHz

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)
3000.000000	39.0	100.0	V	284.0	42.2	-3.2	35.0	74
3625.625000	39.2	100.0	H	11.0	41.1	-1.9	34.8	74
4199.375000	45.2	100.0	H	51.0	44.8	0.4	28.8	74
4539.375000	47.8	100.0	V	65.0	47.1	0.7	26.2	74
6898.125000	46.0	100.0	V	254.0	39.8	6.2	28.0	74
7649.375000	44.3	100.0	H	82.0	37.4	6.9	29.7	74

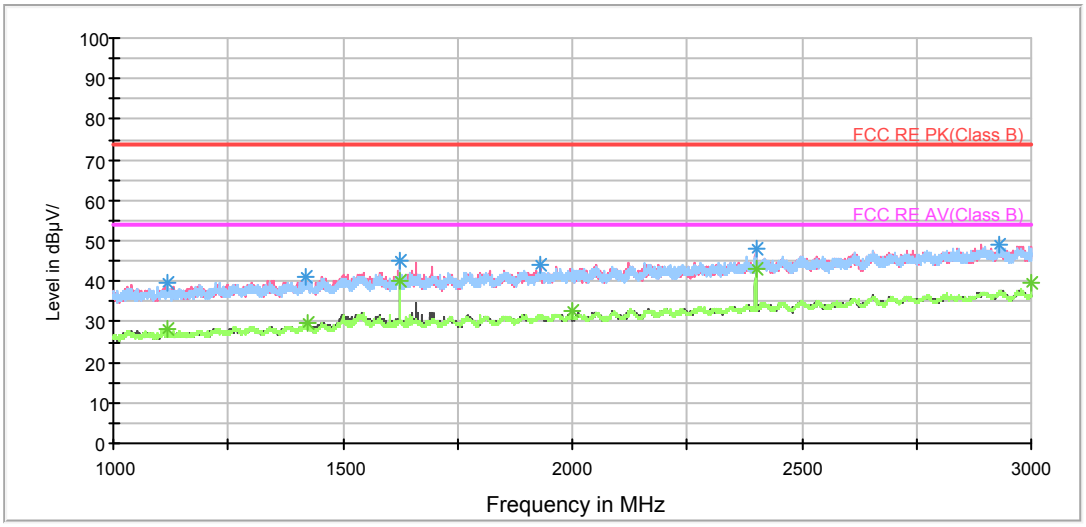
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	33.8	100.0	V	284.0	37.0	-3.2	20.2	54
3600.000000	32.5	100.0	V	29.0	34.7	-2.2	21.5	54
4200.000000	42.5	100.0	H	51.0	42.1	0.4	11.5	54
4533.750000	36.1	100.0	V	83.0	35.5	0.6	17.9	54
6901.875000	36.2	100.0	V	230.0	29.9	6.3	17.8	54
7686.875000	33.4	100.0	V	0.0	26.7	6.7	20.6	54

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

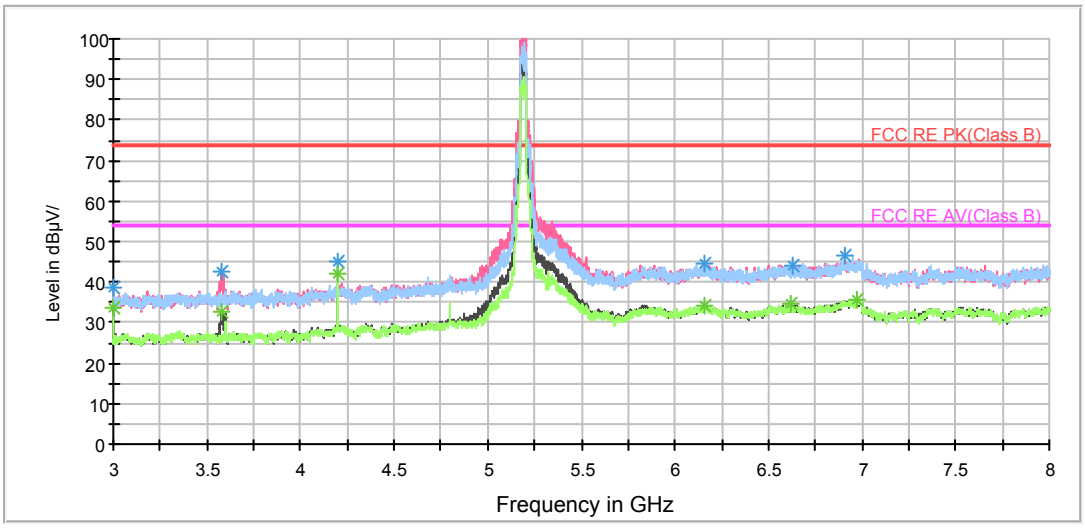
802.11n (HT40) CH38

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

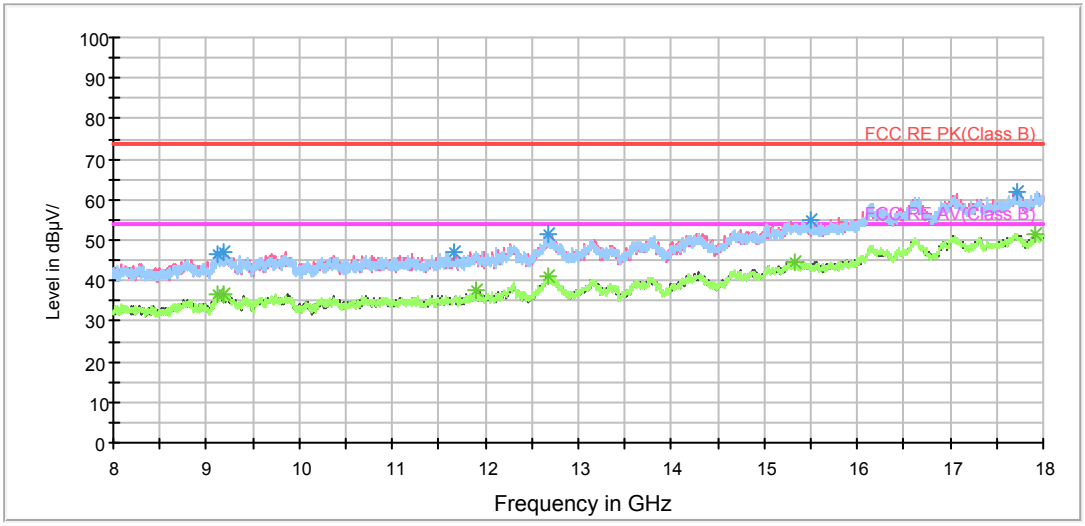
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

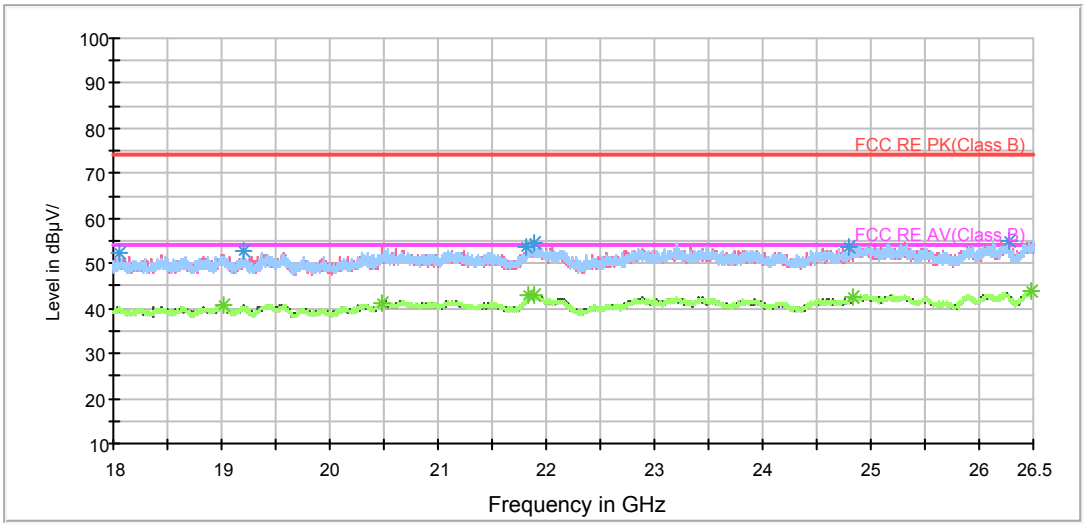
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



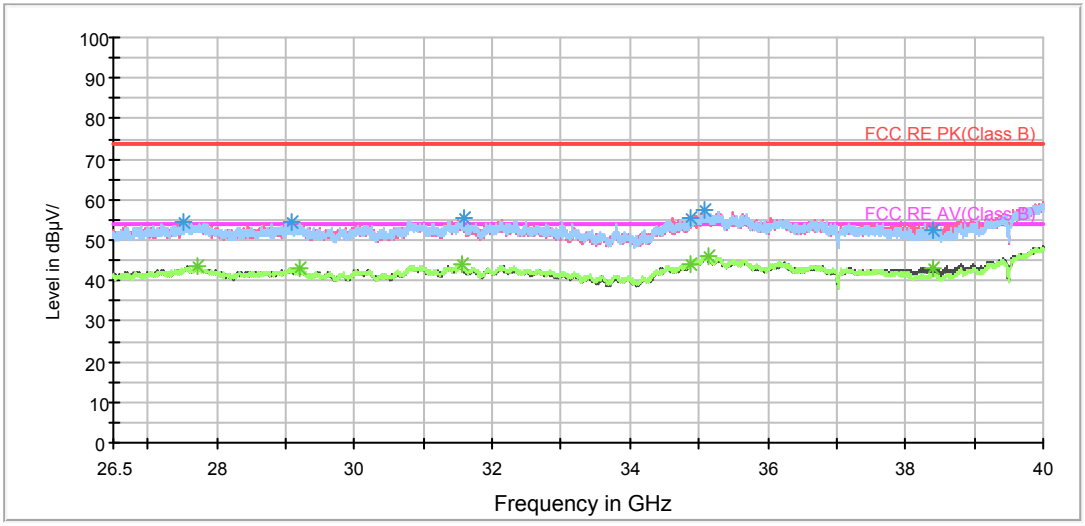
Radiates Emission from 8GHz to 18GHz

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)
3000.000000	38.8	100.0	V	0.0	42.0	-3.2	35.2	74
3581.875000	42.6	100.0	V	185.0	44.9	-2.3	31.4	74
4200.000000	45.1	100.0	H	52.0	44.7	0.4	28.9	74
6153.750000	44.7	100.0	V	286.0	39.1	5.6	29.3	74
6632.500000	44.0	100.0	H	114.0	38.5	5.5	30.0	74
6911.250000	46.7	100.0	H	195.0	40.5	6.2	27.3	74

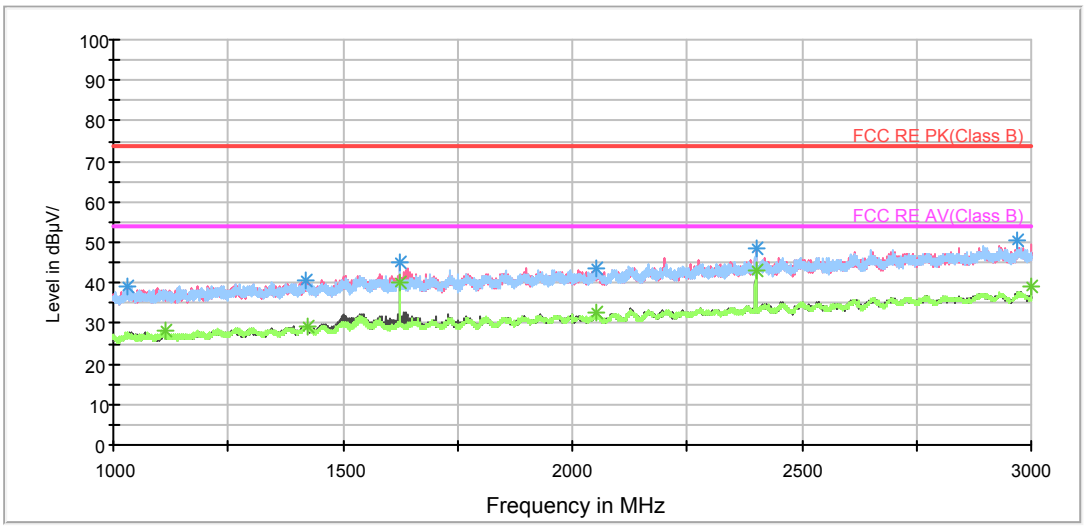
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	33.6	100.0	V	0.0	36.8	-3.2	20.4	54
3581.250000	32.5	100.0	V	185.0	34.8	-2.3	21.5	54
4200.000000	42.0	100.0	H	52.0	41.6	0.4	12.0	54
6155.000000	34.3	100.0	V	329.0	28.7	5.6	19.7	54
6615.625000	34.6	100.0	V	45.0	29.1	5.5	19.4	54
6974.375000	35.7	100.0	V	277.0	29.4	6.3	18.3	54

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

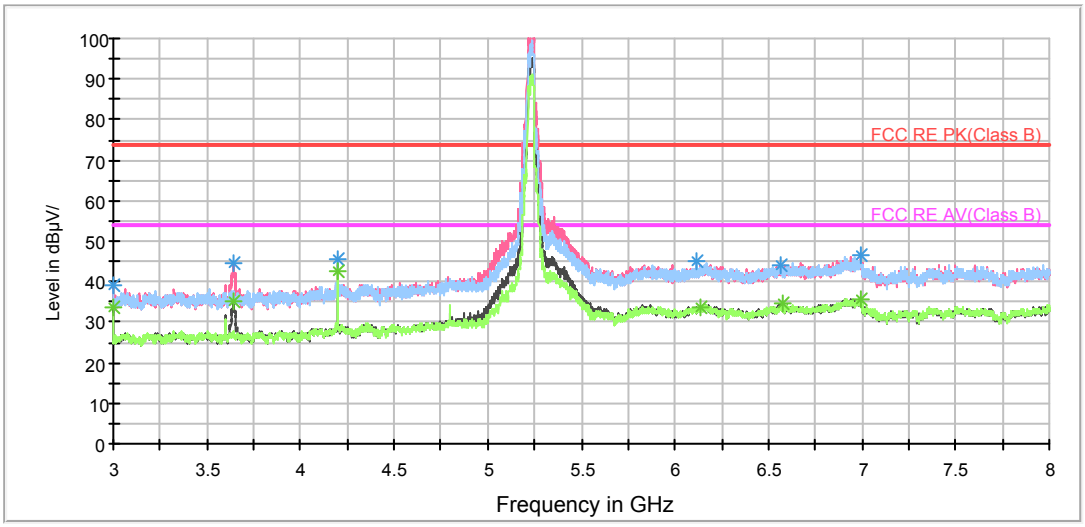
802.11n (HT40) CH46

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

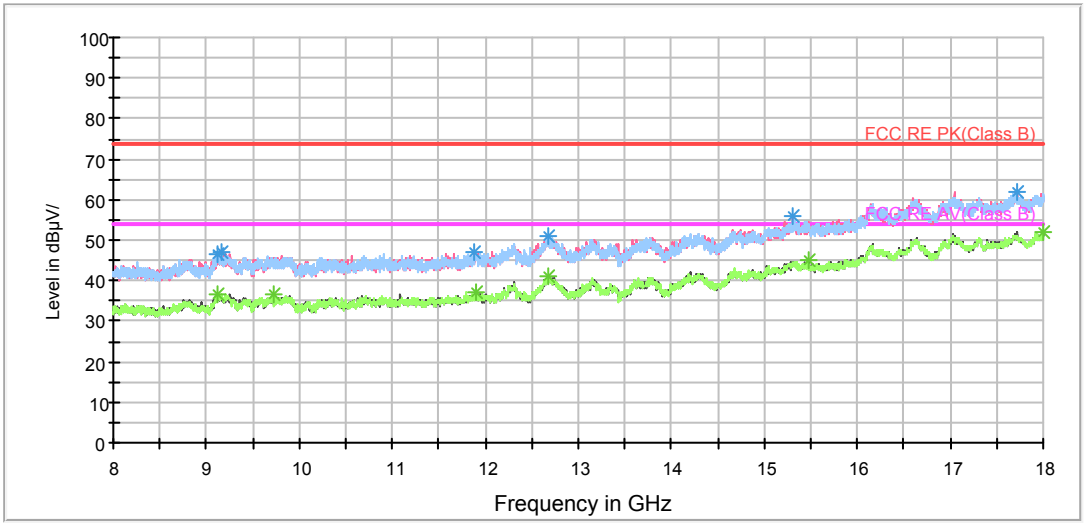
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

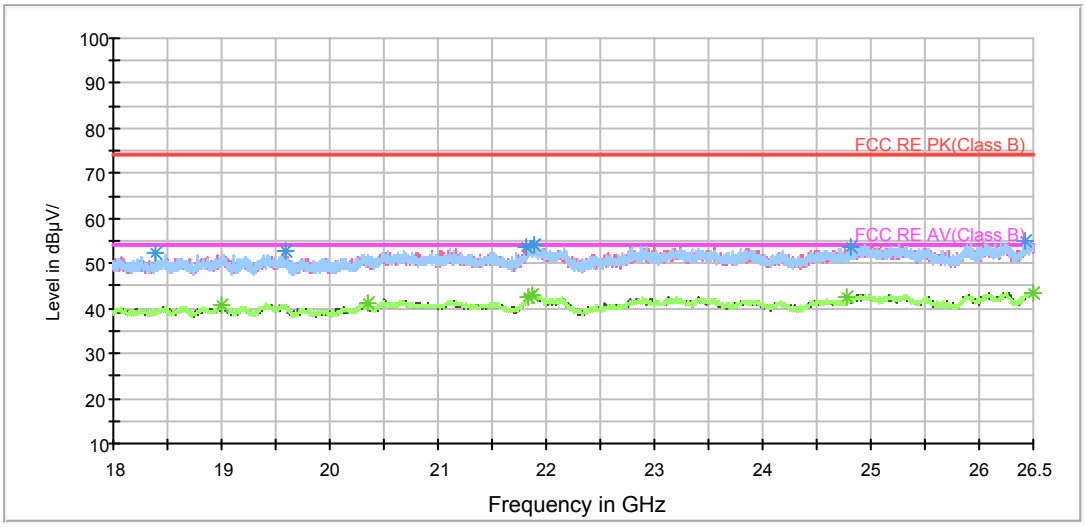
Radiates Emission from 3GHz to 8GHz

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)
3000.000000	39.1	100.0	V	0.0	42.3	-3.2	34.9	74
3645.000000	44.7	100.0	V	181.0	46.6	-1.9	29.3	74
4200.000000	45.3	100.0	H	49.0	44.9	0.4	28.7	74
6117.500000	44.9	100.0	H	204.0	39.5	5.4	29.1	74
6560.000000	43.8	100.0	V	0.0	38.0	5.8	30.2	74
6995.000000	46.5	100.0	H	41.0	40.0	6.5	27.5	74

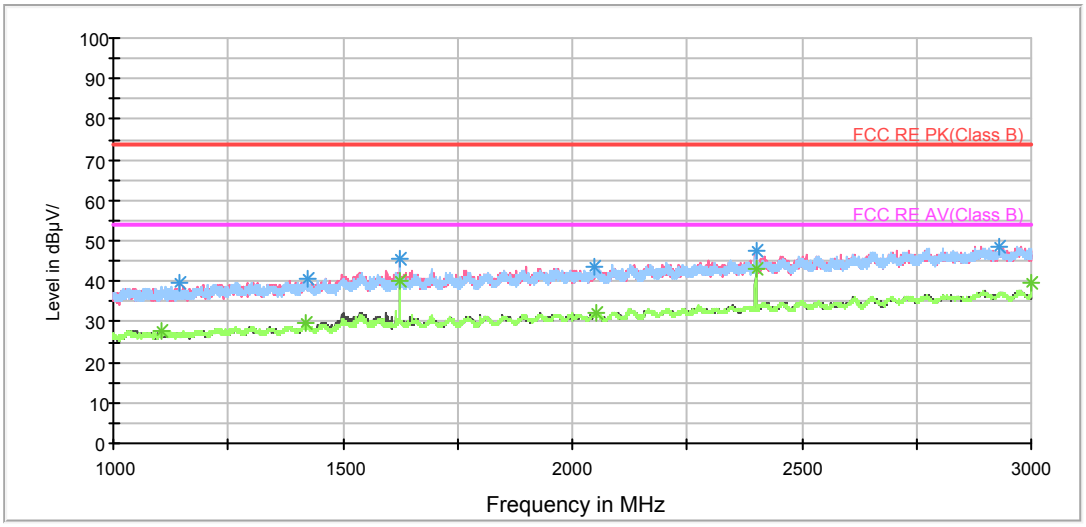
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	33.6	100.0	V	0.0	36.8	-3.2	20.4	54
3643.125000	34.9	100.0	V	181.0	36.7	-1.8	19.1	54
4200.000000	42.8	100.0	H	49.0	42.4	0.4	11.2	54
6140.000000	33.7	100.0	V	334.0	28.3	5.4	20.3	54
6572.500000	34.5	100.0	H	18.0	28.9	5.6	19.5	54
6991.250000	35.8	100.0	V	318.0	29.3	6.5	18.2	54

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

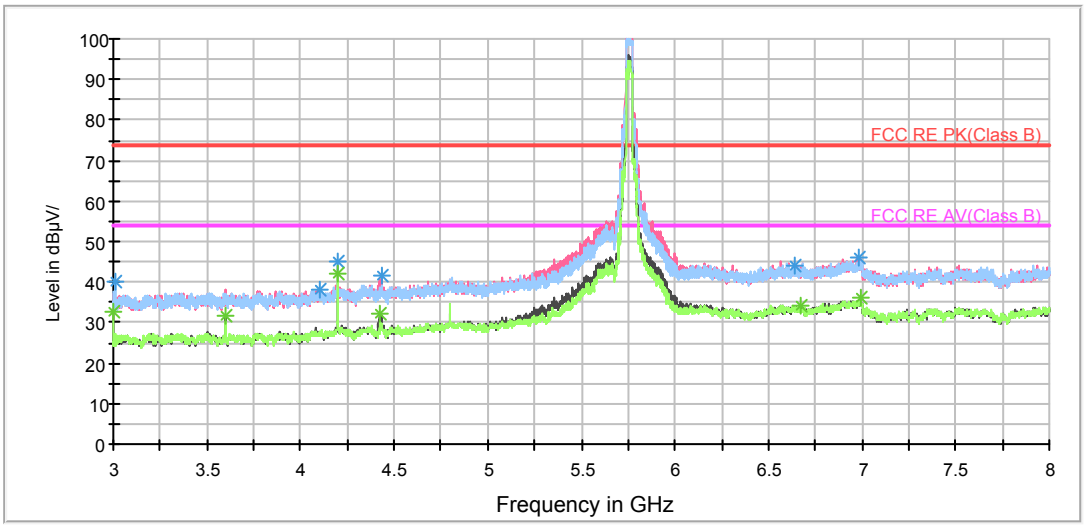
802.11n (HT40) CH151

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

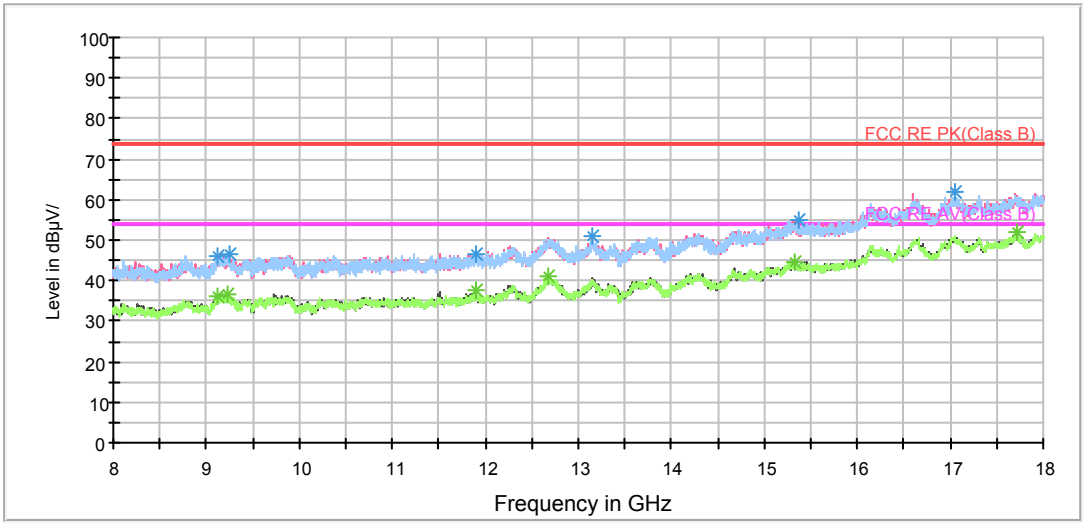
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

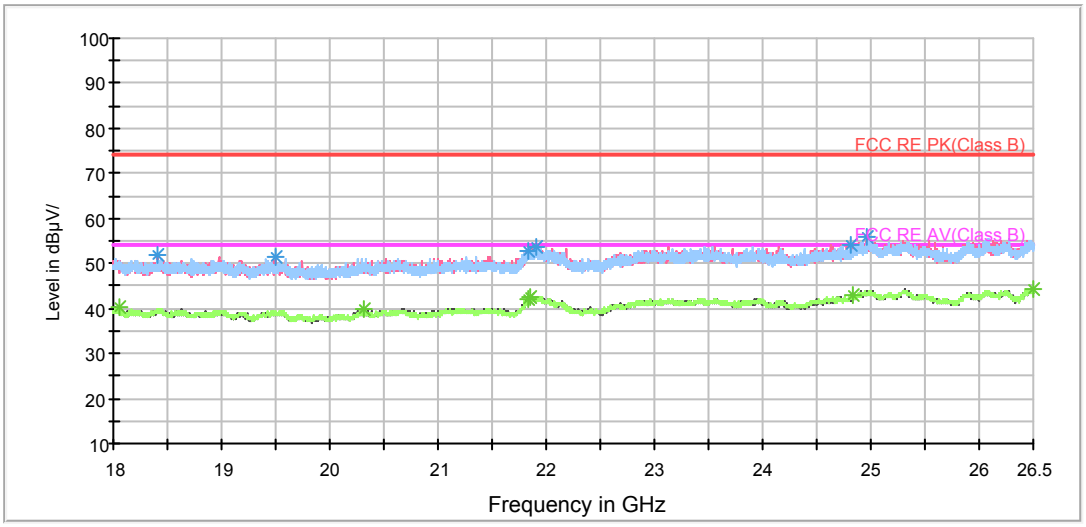
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



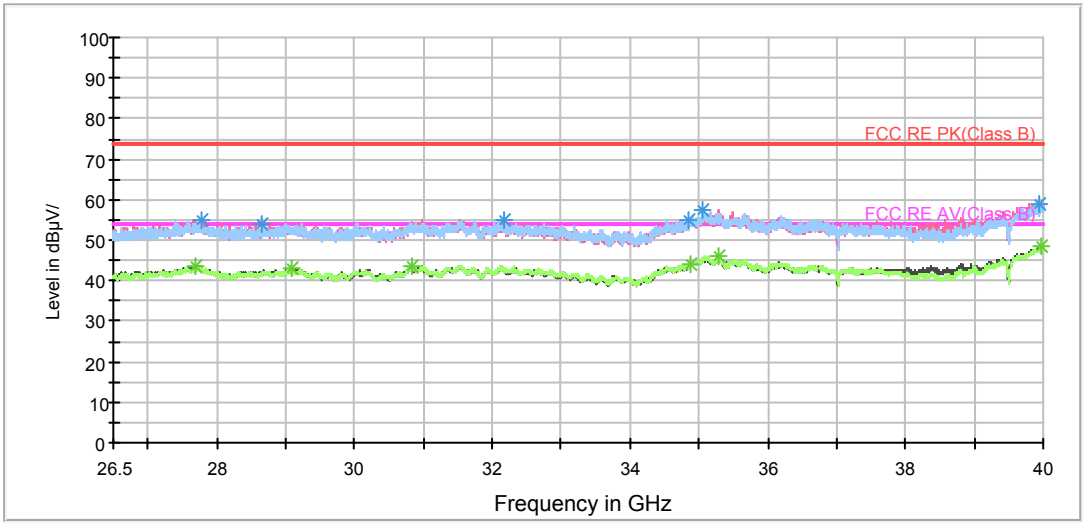
Radiates Emission from 8GHz to 18GHz

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)
3013.125000	39.9	100.0	H	195.0	43.1	-3.2	34.1	74
4104.375000	38.4	100.0	V	245.0	39.3	-0.9	35.6	74
4200.000000	45.0	100.0	H	53.0	44.6	0.4	29.0	74
4431.875000	41.5	100.0	V	277.0	41.3	0.2	32.5	74
6643.750000	44.0	100.0	V	156.0	38.5	5.5	30.0	74
6982.500000	46.1	100.0	V	213.0	39.7	6.4	27.9	74

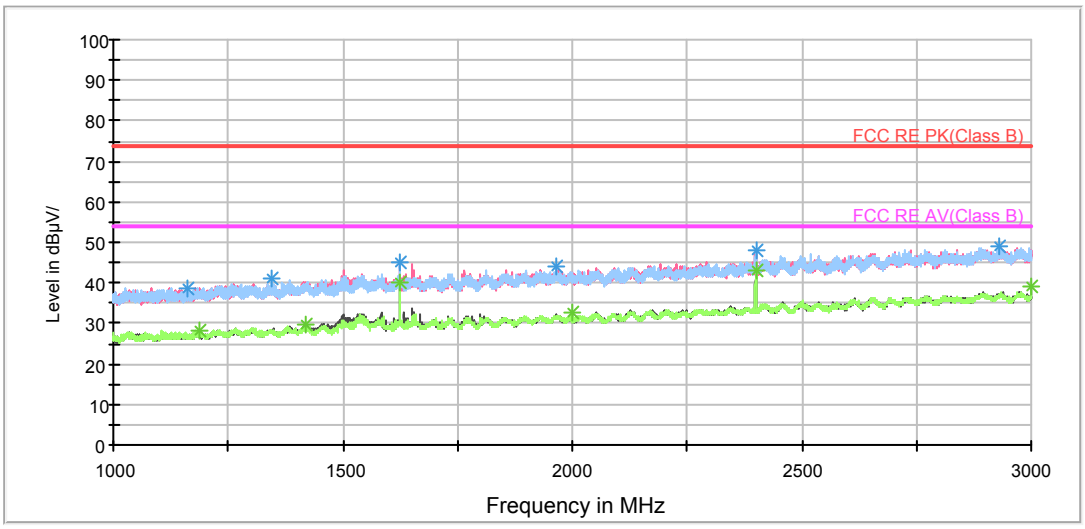
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	32.6	100.0	V	284.0	35.8	-3.2	21.4	54
3600.000000	31.7	100.0	V	357.0	33.9	-2.2	22.3	54
4200.000000	42.3	100.0	H	53.0	41.9	0.4	11.7	54
4426.875000	32.1	100.0	V	277.0	31.9	0.2	21.9	54
6677.500000	34.0	100.0	V	245.0	28.5	5.5	20.0	54
6993.125000	36.1	100.0	H	84.0	29.6	6.5	17.9	54

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

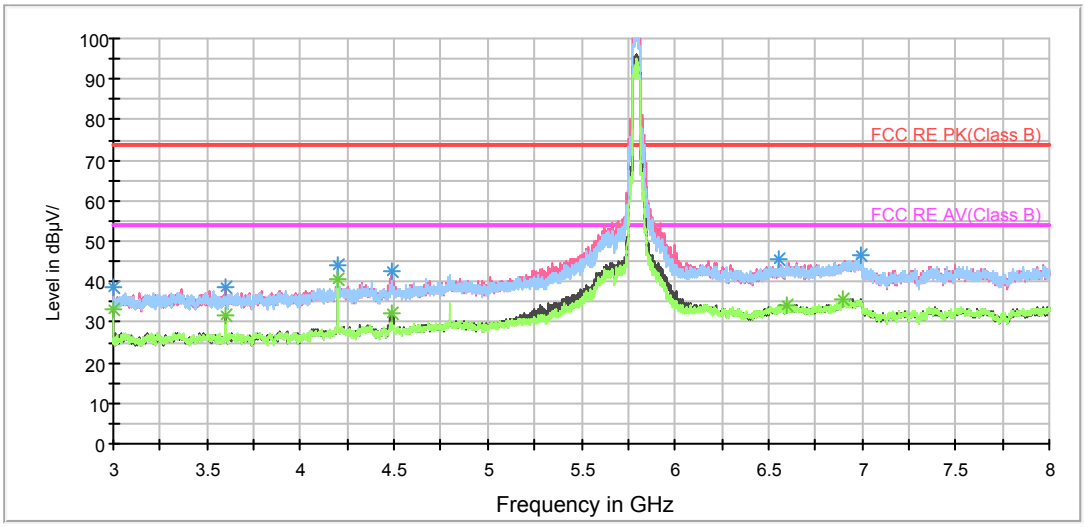
802.11n (HT40) CH159

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

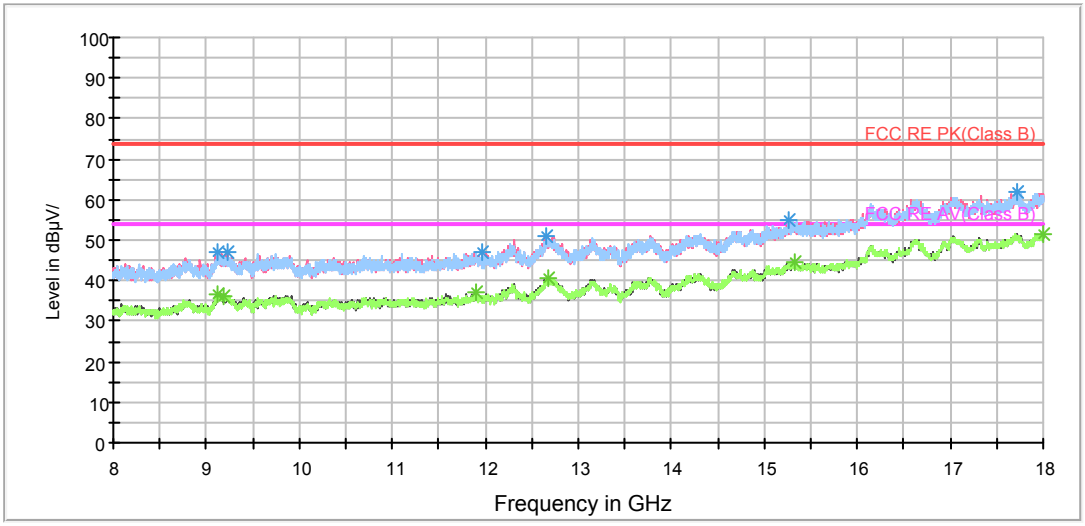
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

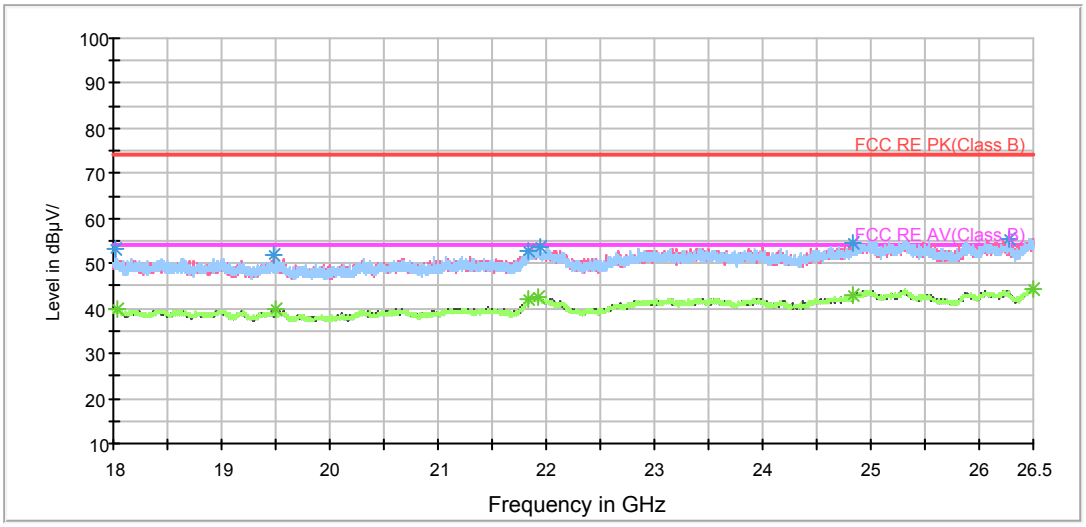
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



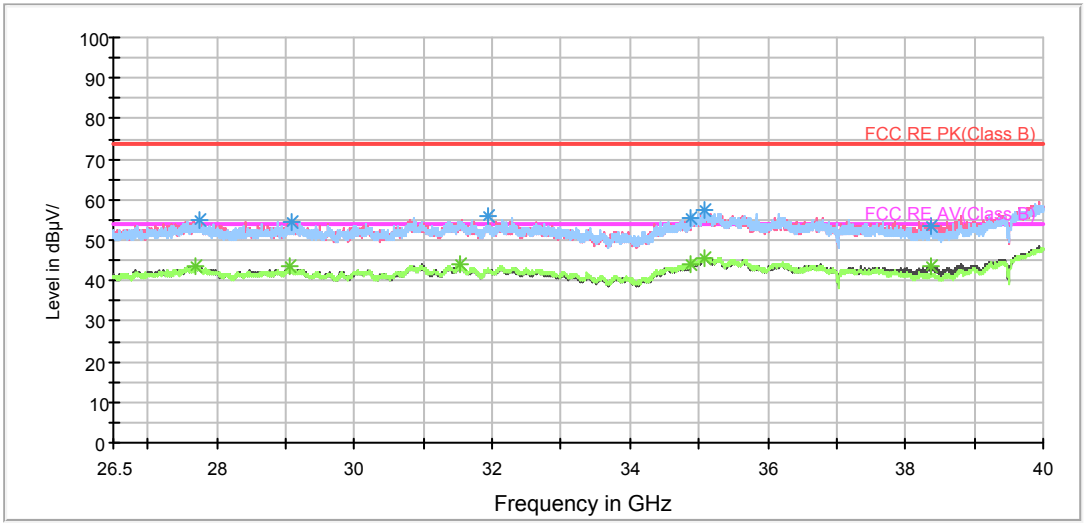
Radiates Emission from 8GHz to 18GHz

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)
3000.000000	38.8	100.0	V	358.0	42.0	-3.2	35.2	74
3600.000000	38.4	100.0	V	28.0	40.6	-2.2	35.6	74
4200.000000	43.8	100.0	H	51.0	43.4	0.4	30.2	74
4483.750000	42.5	100.0	V	278.0	42.0	0.5	31.5	74
6556.875000	45.6	100.0	H	279.0	39.9	5.7	28.4	74
6994.375000	46.4	100.0	V	270.0	39.9	6.5	27.6	74

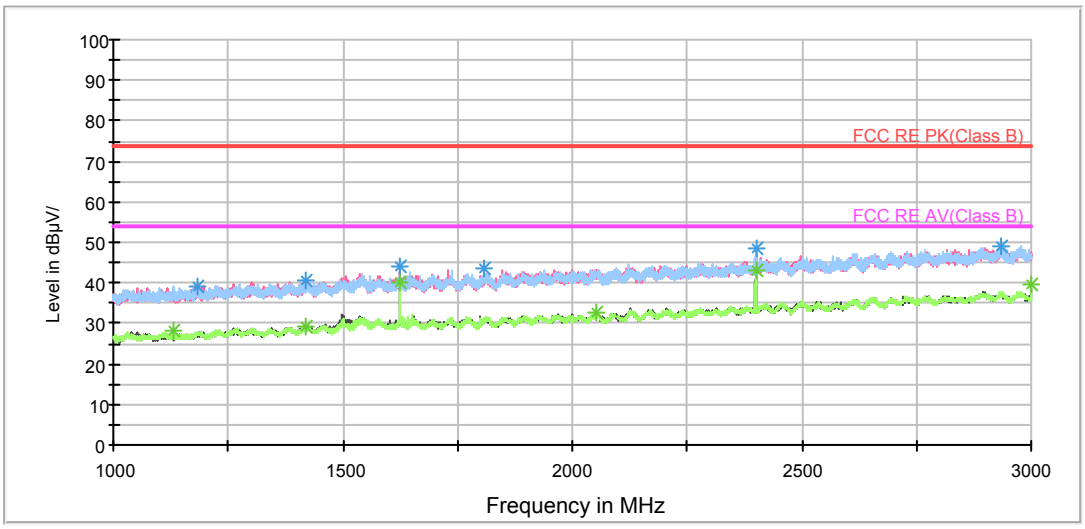
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	32.9	100.0	V	358.0	36.1	-3.2	21.1	54
3600.000000	31.6	100.0	V	28.0	33.8	-2.2	22.4	54
4200.000000	40.8	100.0	H	51.0	40.4	0.4	13.2	54
4487.500000	32.3	100.0	V	83.0	31.8	0.5	21.7	54
6596.875000	34.1	100.0	H	210.0	28.4	5.7	19.9	54
6900.000000	35.5	100.0	V	286.0	29.2	6.3	18.5	54

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

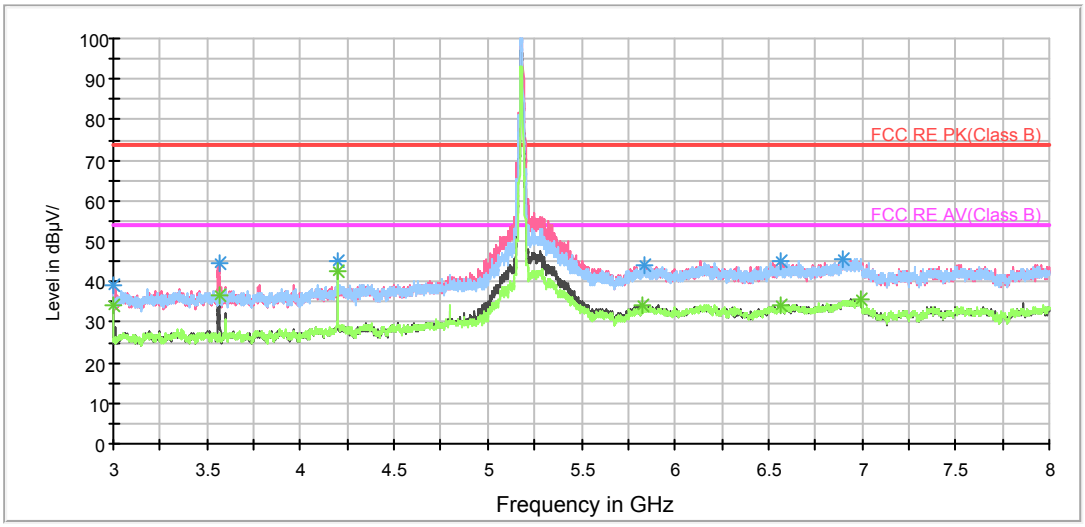
802.11ac (HT20) CH36

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

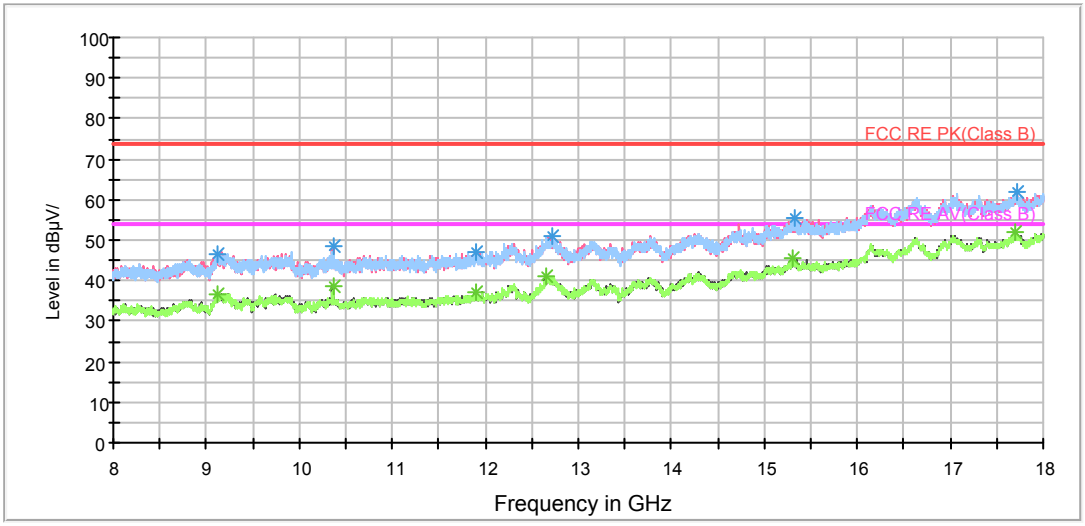
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

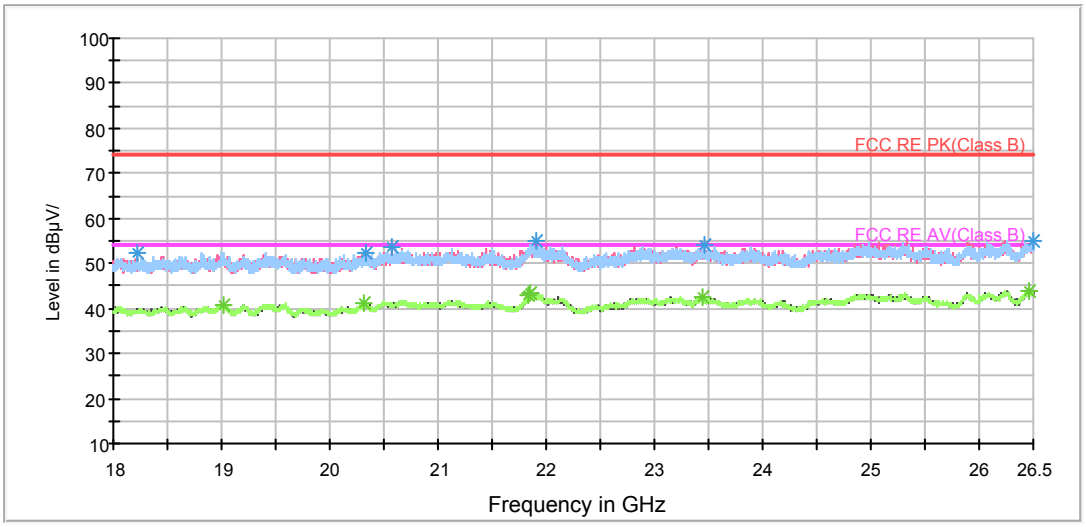
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



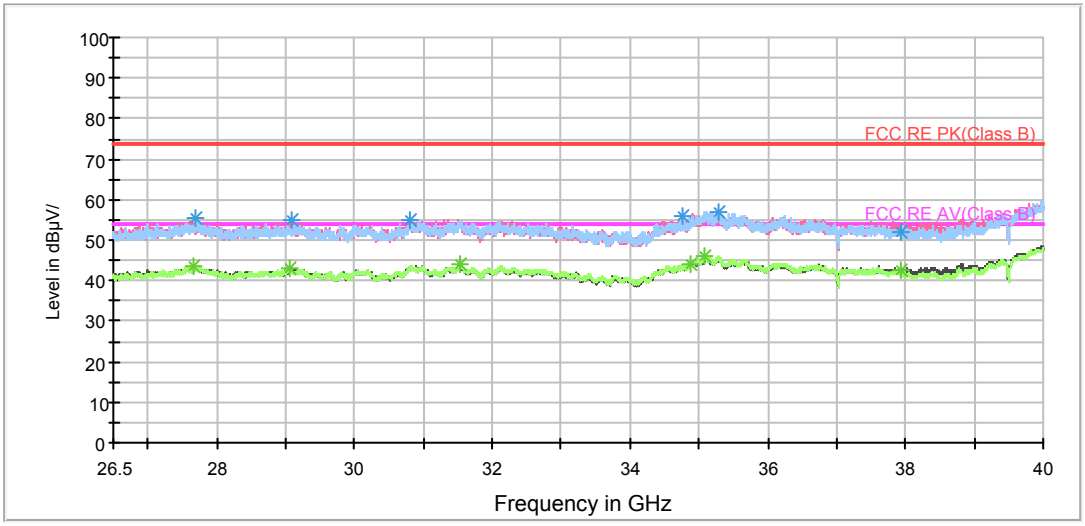
Radiates Emission from 8GHz to 18GHz

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)
3000.000000	39.0	100.0	V	293.0	42.2	-3.2	35.0	74
3565.625000	44.6	100.0	V	181.0	46.7	-2.1	29.4	74
4200.000000	45.3	100.0	H	54.0	44.9	0.4	28.7	74
5834.375000	44.2	100.0	V	206.0	39.7	4.5	29.8	74
6560.000000	45.0	100.0	V	238.0	39.2	5.8	29.0	74
6893.750000	45.8	100.0	V	332.0	39.6	6.2	28.2	74

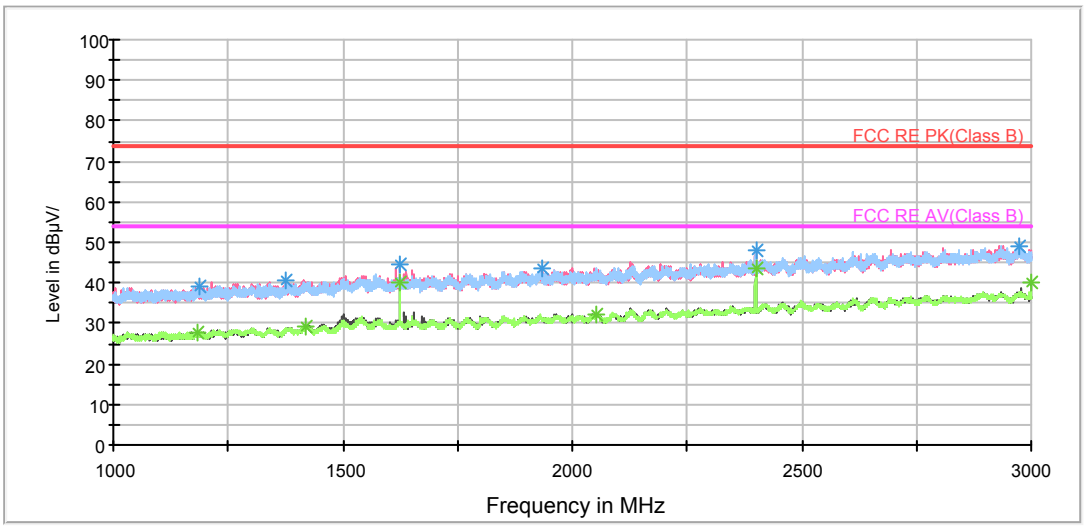
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	34.0	100.0	V	293.0	37.2	-3.2	20.0	54
3565.625000	36.5	100.0	V	181.0	38.6	-2.1	17.5	54
4200.000000	42.4	100.0	H	54.0	42.0	0.4	11.6	54
5829.375000	34.0	100.0	V	72.0	29.5	4.5	20.0	54
6560.000000	34.3	100.0	H	224.0	28.5	5.8	19.7	54
6990.625000	35.5	100.0	H	151.0	29.0	6.5	18.5	54

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

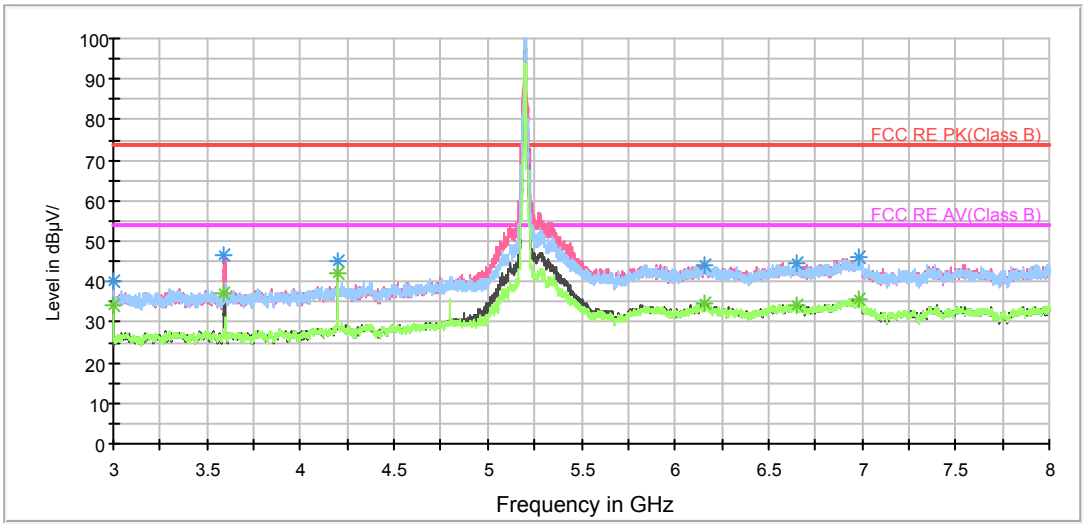
802.11ac (HT20) CH40

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

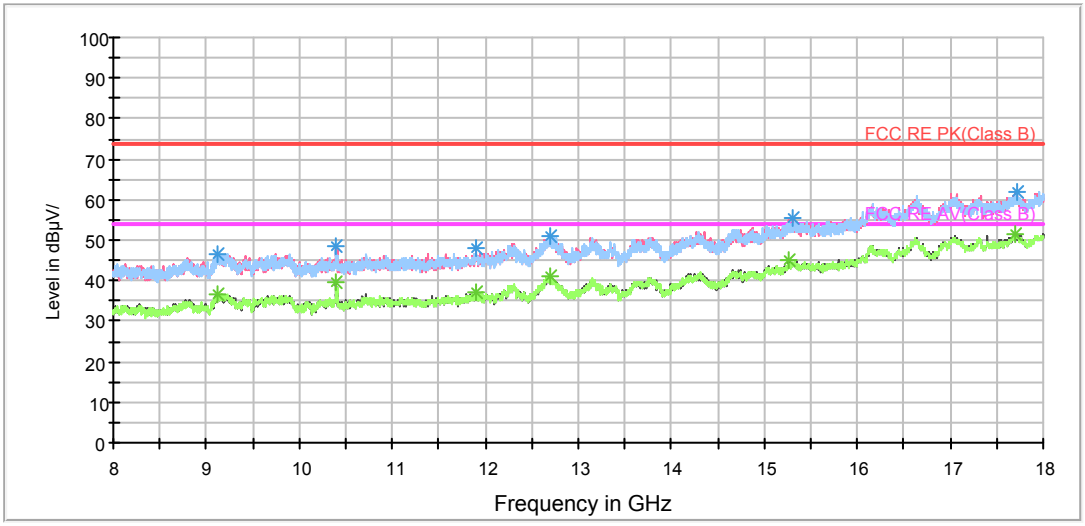
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

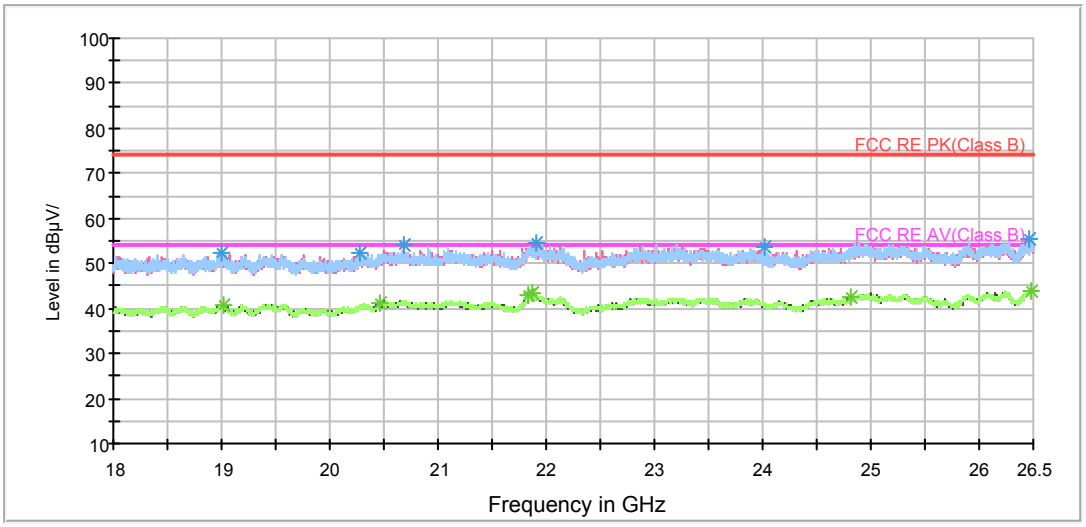
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



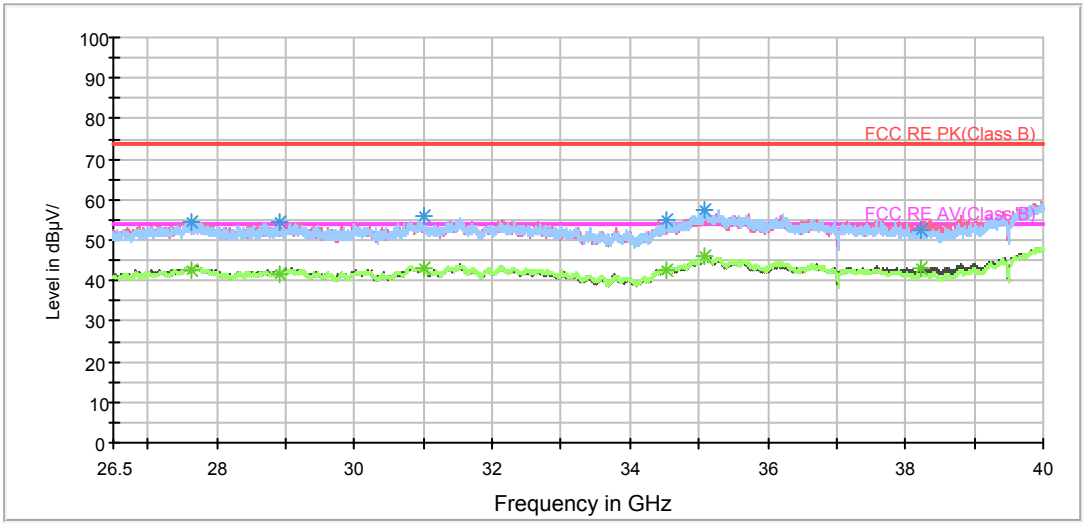
Radiates Emission from 8GHz to 18GHz

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)
3000.000000	39.9	100.0	H	110.0	43.1	-3.2	34.1	74
3593.750000	46.4	100.0	V	178.0	48.7	-2.3	27.6	74
4200.000000	44.9	100.0	H	48.0	44.5	0.4	29.1	74
6161.875000	44.0	100.0	V	234.0	38.4	5.6	30.0	74
6652.500000	44.6	100.0	V	114.0	39.1	5.5	29.4	74
6980.000000	45.9	100.0	V	1.0	39.5	6.4	28.1	74

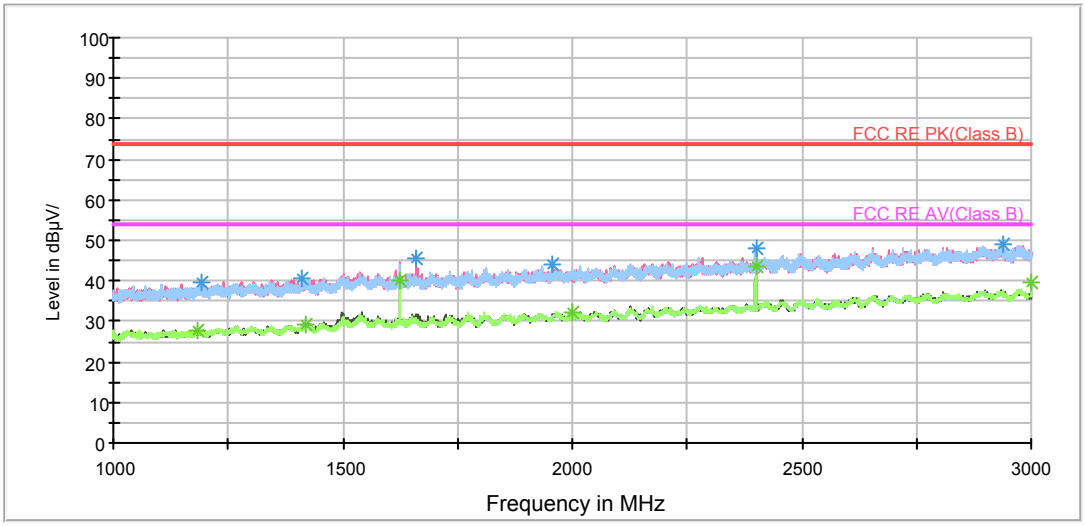
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	34.0	100.0	V	290.0	37.2	-3.2	20.0	54
3593.750000	37.4	100.0	V	178.0	39.7	-2.3	16.6	54
4200.000000	42.2	100.0	H	48.0	41.8	0.4	11.8	54
6155.000000	34.7	100.0	H	190.0	29.1	5.6	19.3	54
6648.750000	34.3	100.0	V	306.0	28.8	5.5	19.7	54
6978.750000	35.6	100.0	V	0.0	29.3	6.3	18.4	54

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

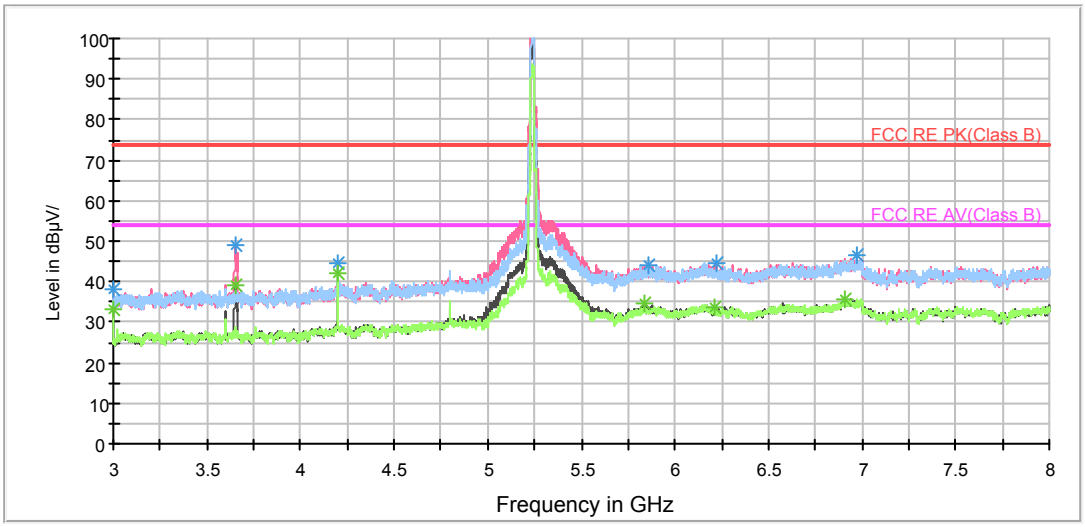
802.11ac (HT20) CH48

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

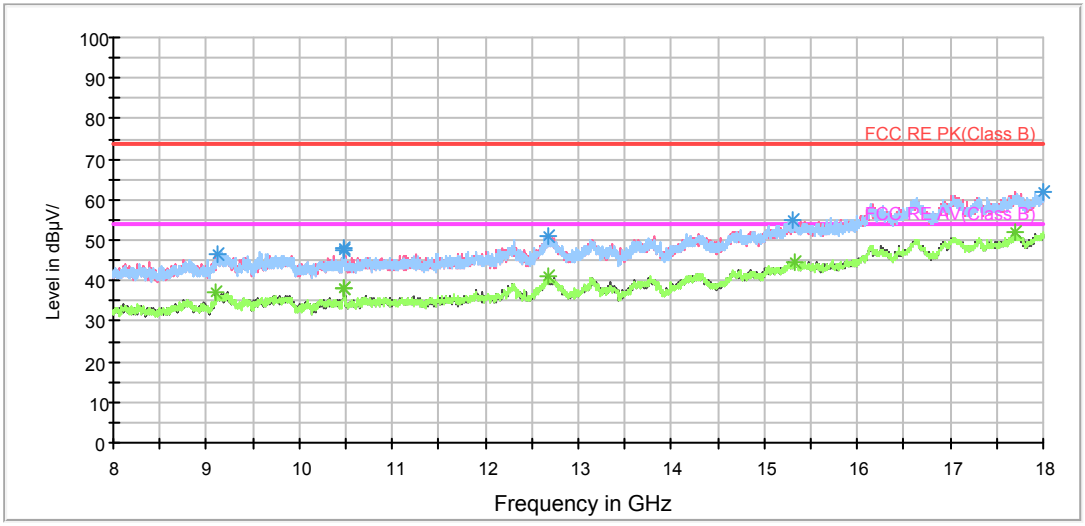
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

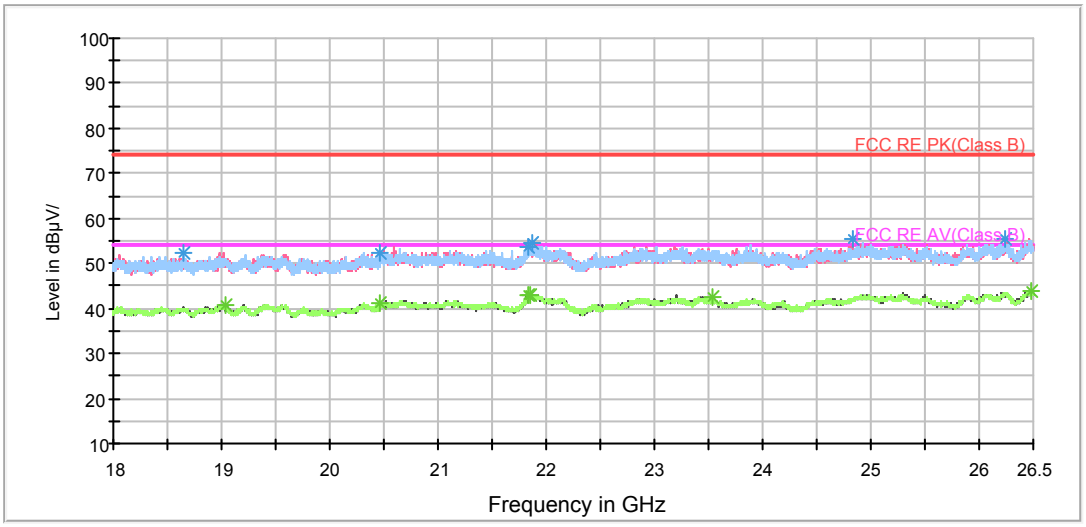
Radiates Emission from 3GHz to 8GHz

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)
3000.000000	38.2	100.0	V	292.0	41.4	-3.2	35.8	74
3653.125000	49.1	100.0	V	172.0	51.0	-1.9	24.9	74
4200.000000	44.6	100.0	H	52.0	44.2	0.4	29.4	74
5855.625000	44.1	100.0	H	13.0	39.3	4.8	29.9	74
6220.000000	44.5	100.0	V	0.0	39.1	5.4	29.5	74
6975.625000	46.5	100.0	H	114.0	40.2	6.3	27.5	74

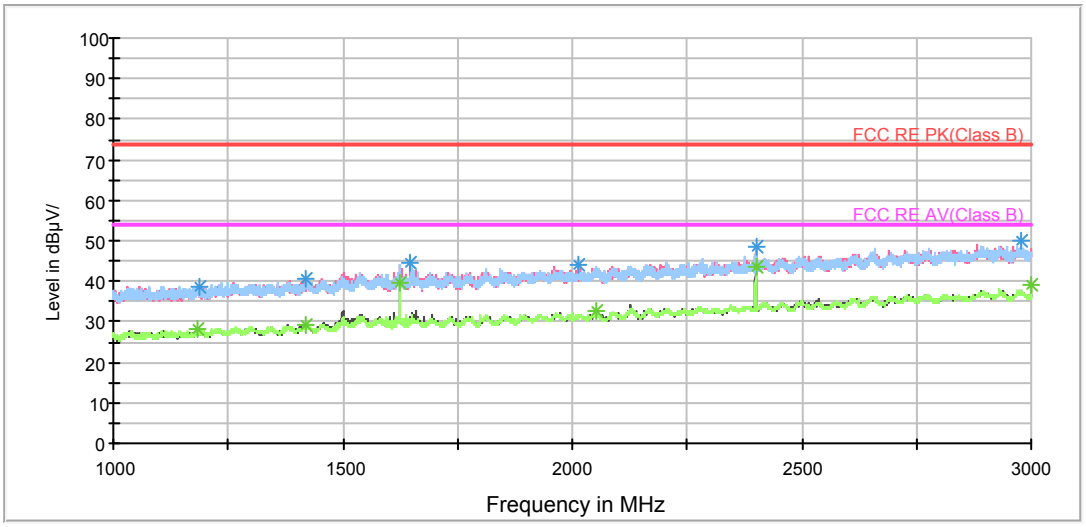
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	33.0	100.0	V	292.0	36.2	-3.2	21.0	54
3655.625000	39.0	100.0	V	181.0	40.9	-1.9	15.0	54
4200.000000	41.9	100.0	H	52.0	41.5	0.4	12.1	54
5836.875000	34.5	100.0	V	268.0	30.0	4.5	19.5	54
6214.375000	33.7	100.0	H	28.0	28.3	5.4	20.3	54
6906.250000	35.6	100.0	H	67.0	29.3	6.3	18.4	54

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

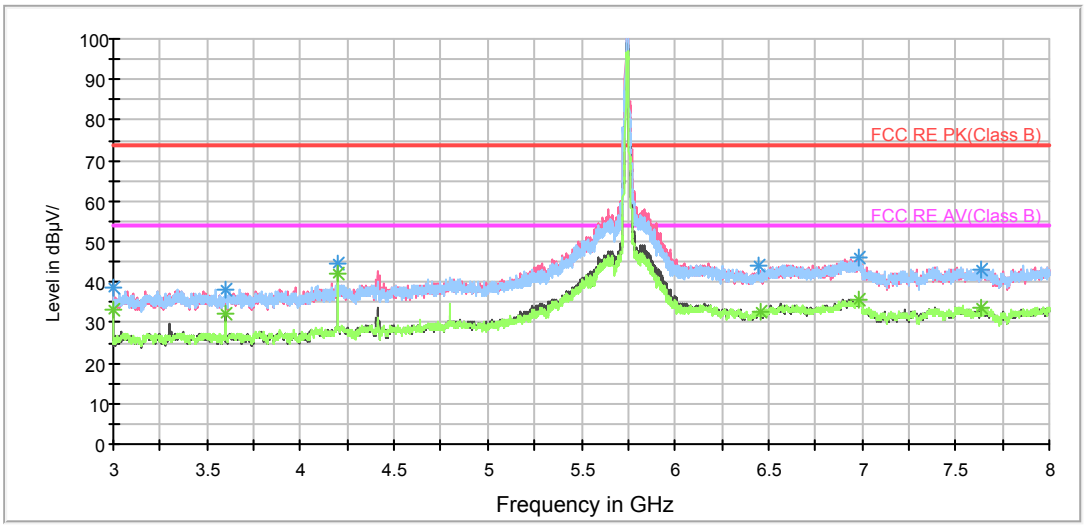
802.11ac (HT20) CH149

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

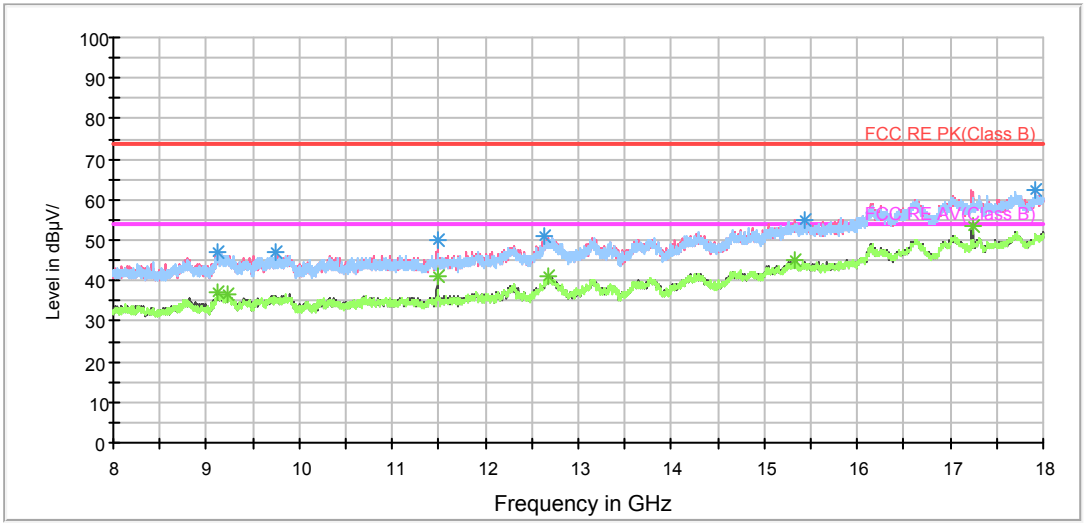
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

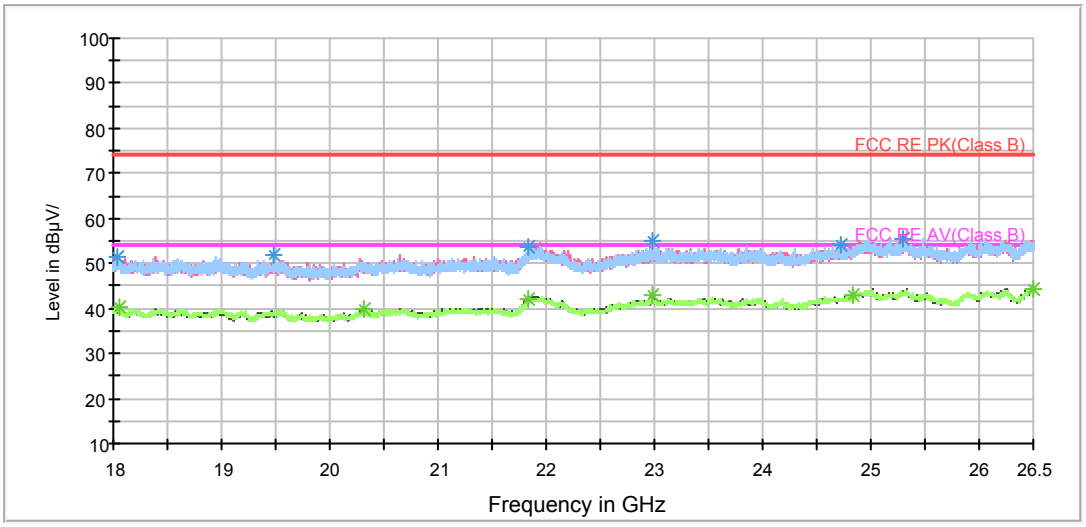
Radiates Emission from 3GHz to 8GHz

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)
3000.000000	38.6	100.0	V	0.0	41.8	-3.2	35.4	74
3600.000000	38.2	100.0	V	0.0	40.4	-2.2	35.8	74
4200.000000	44.8	100.0	H	50.0	44.4	0.4	29.2	74
6444.375000	44.0	100.0	H	195.0	39.0	5.0	30.0	74
6978.125000	45.8	100.0	V	302.0	39.5	6.3	28.2	74
7638.750000	43.0	100.0	H	26.0	36.1	6.9	31.0	74

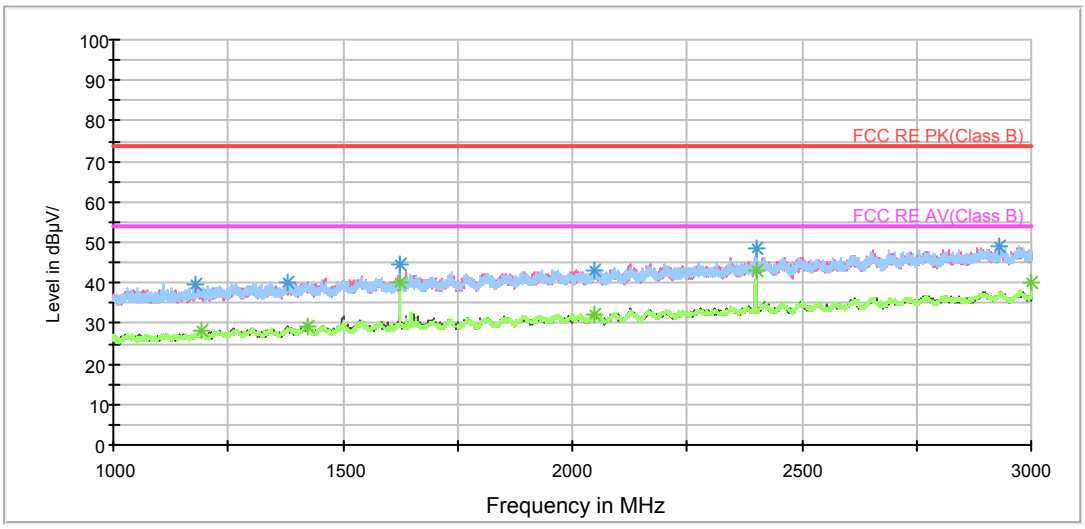
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	33.4	100.0	H	3.0	36.6	-3.2	20.6	54
3600.000000	32.2	100.0	V	0.0	34.4	-2.2	21.8	54
4200.000000	41.9	100.0	H	50.0	41.5	0.4	12.1	54
6455.000000	32.8	100.0	H	11.0	27.7	5.1	21.2	54
6988.125000	35.8	100.0	H	0.0	29.4	6.4	18.2	54
7638.750000	33.7	100.0	H	26.0	26.8	6.9	20.3	54

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

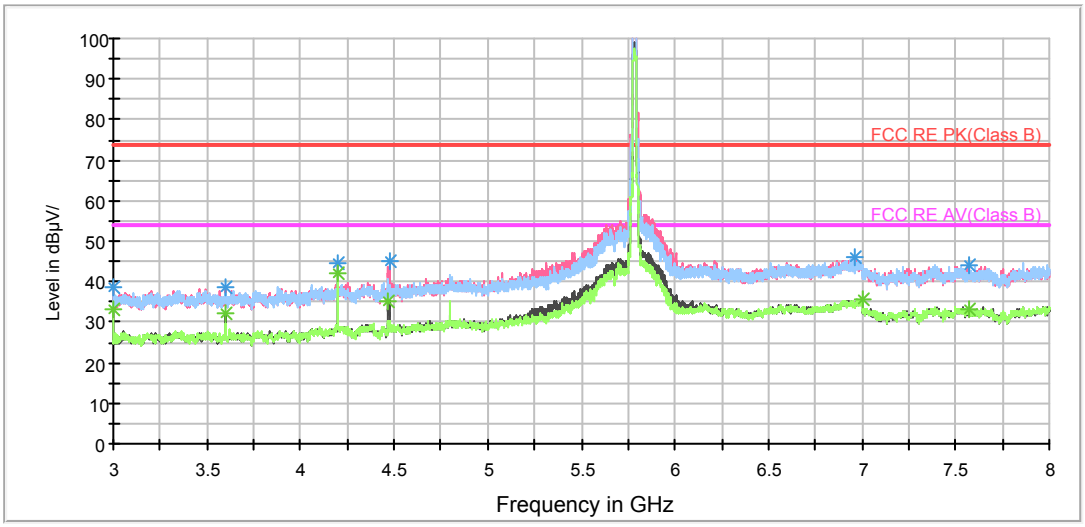
802.11ac (HT20) CH157

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

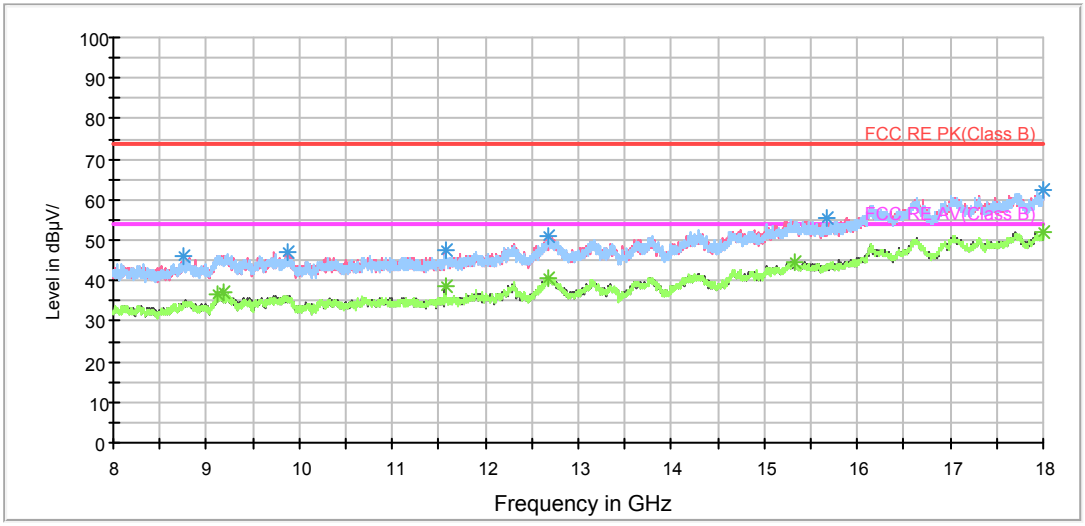
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

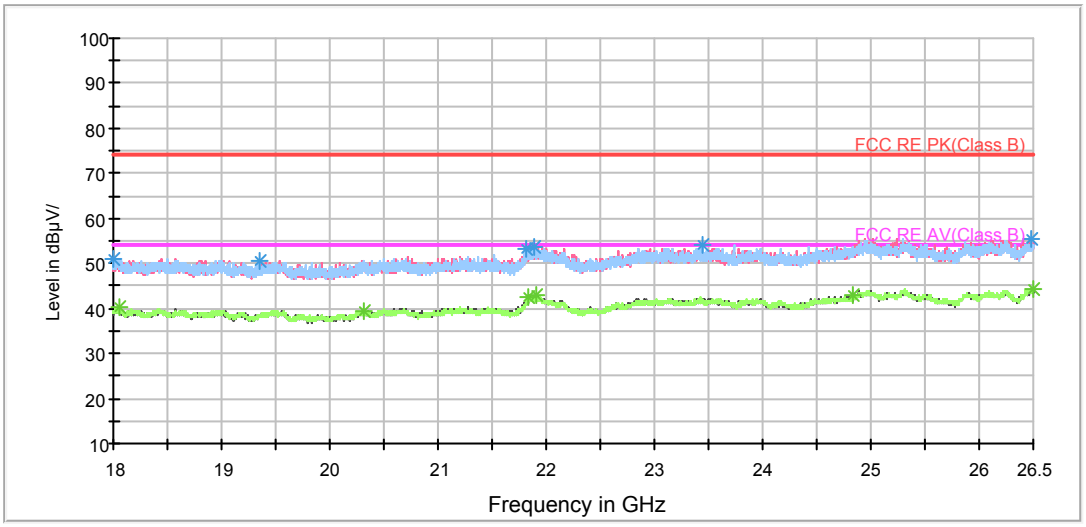
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



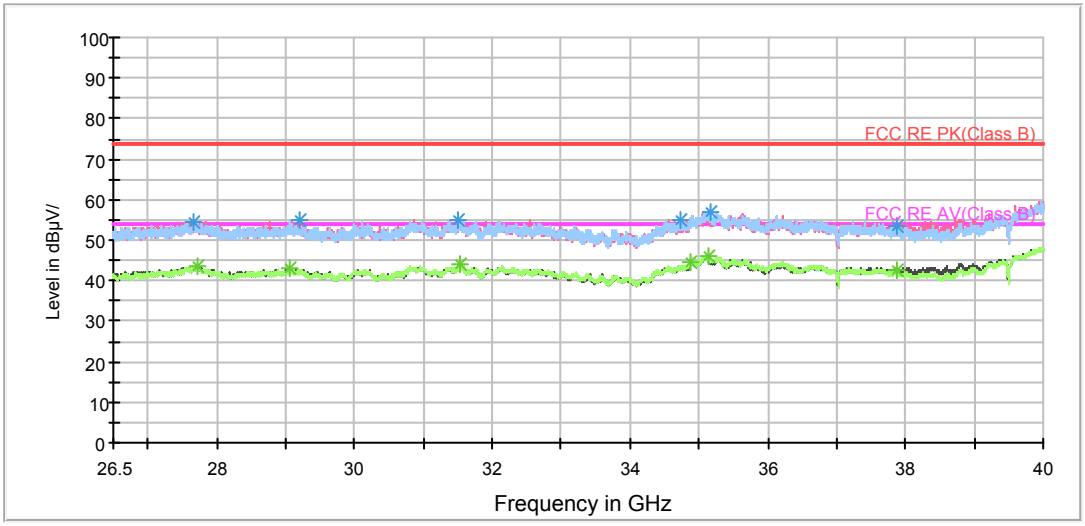
Radiates Emission from 8GHz to 18GHz

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)
3000.000000	38.6	100.0	V	0.0	41.8	-3.2	35.4	74
3599.375000	38.6	100.0	V	0.0	40.8	-2.2	35.4	74
4200.000000	44.6	100.0	H	52.0	44.2	0.4	29.4	74
4474.375000	44.9	100.0	V	80.0	44.4	0.5	29.1	74
6956.250000	46.1	100.0	V	311.0	39.9	6.2	27.9	74
7571.875000	44.0	100.0	V	241.0	36.9	7.1	30.0	74

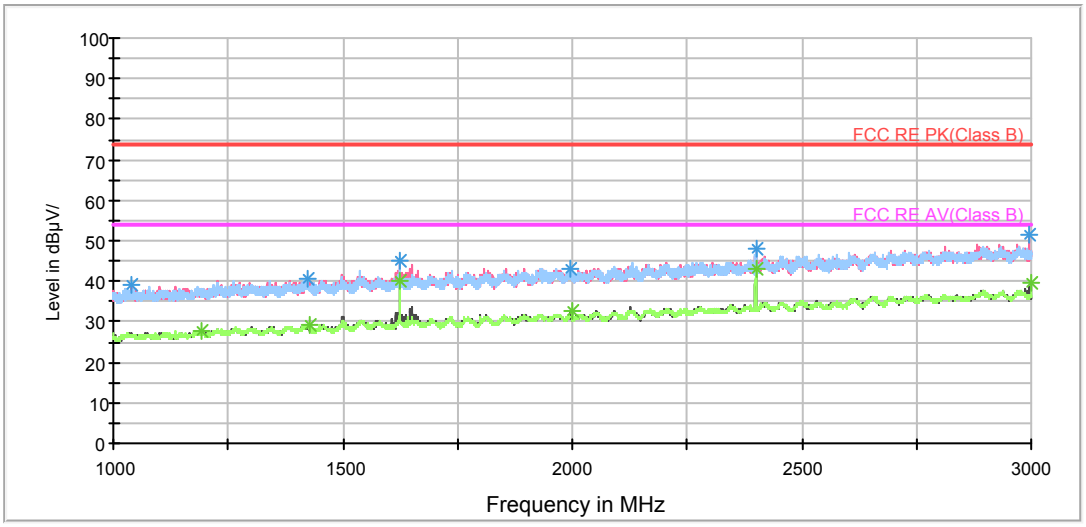
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	33.1	100.0	V	0.0	36.3	-3.2	20.9	54
3600.000000	32.3	100.0	V	343.0	34.5	-2.2	21.7	54
4200.000000	42.1	100.0	H	52.0	41.7	0.4	11.9	54
4470.625000	35.1	100.0	V	80.0	34.7	0.4	18.9	54
6999.375000	35.5	100.0	H	162.0	29.0	6.5	18.5	54
7570.625000	33.2	100.0	V	272.0	26.1	7.1	20.8	54

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

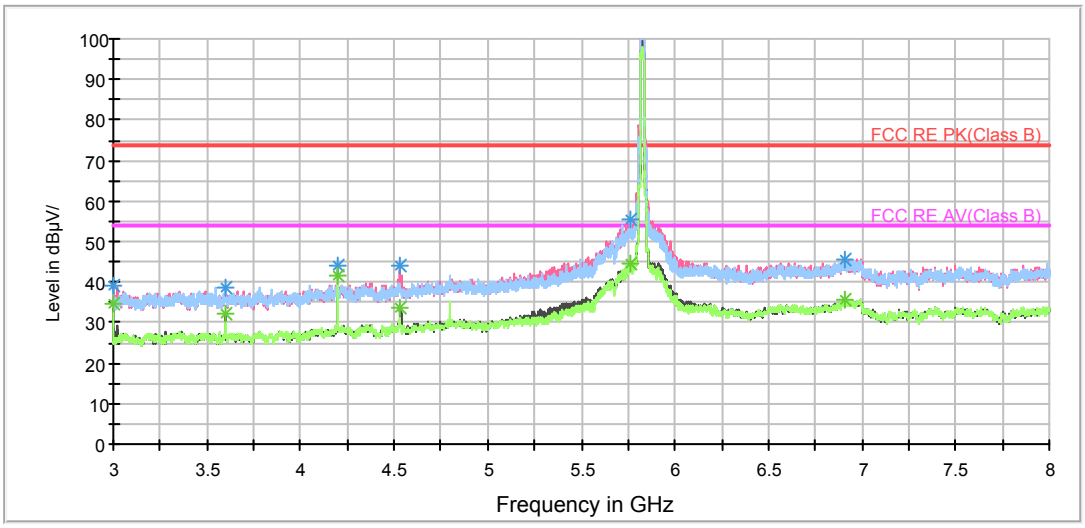
802.11ac (HT20) CH165

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

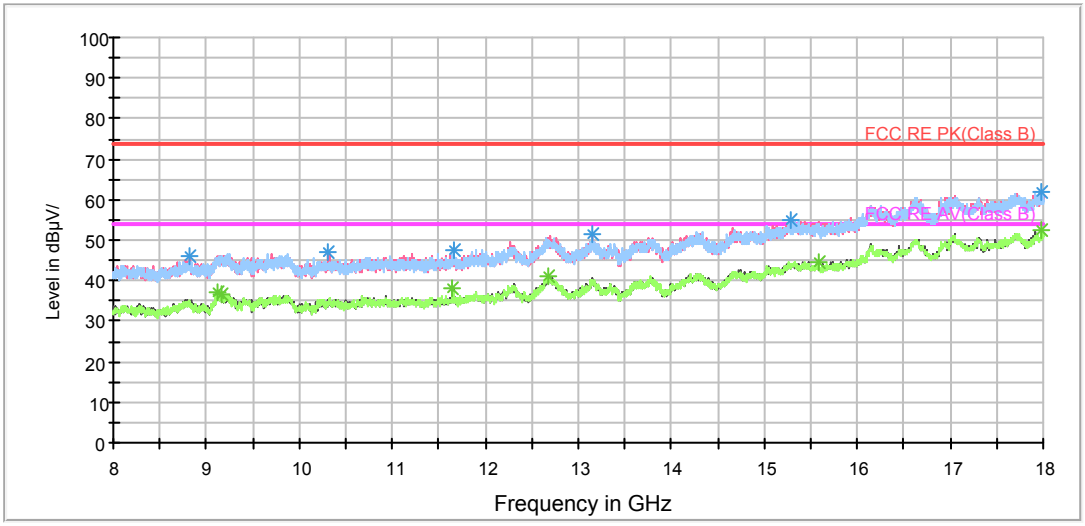
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

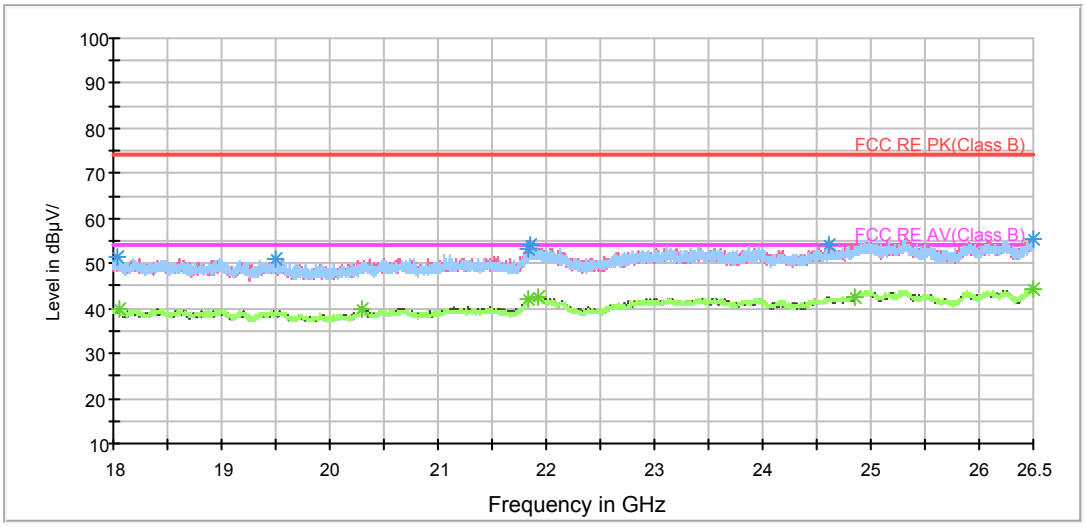
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



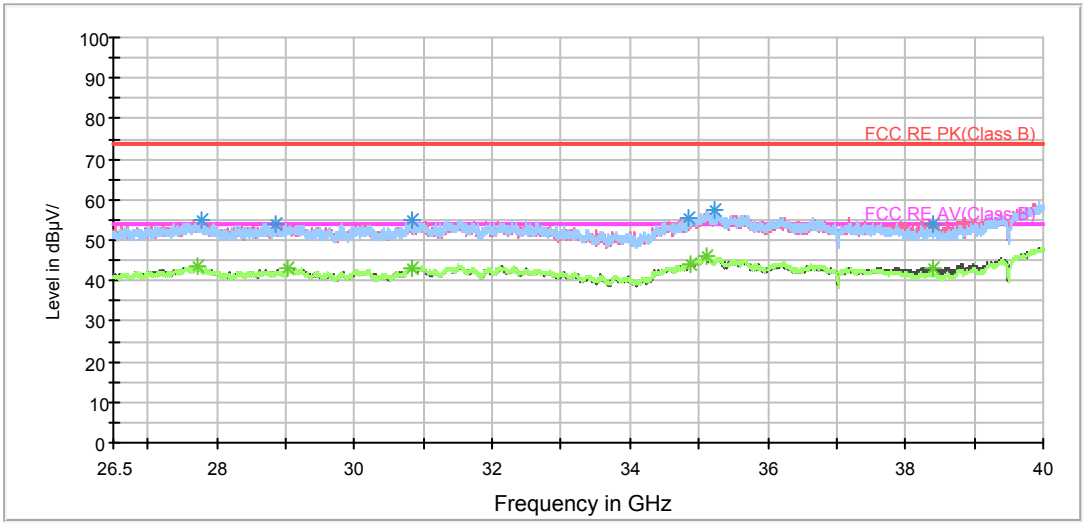
Radiates Emission from 8GHz to 18GHz

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)
3000.000000	38.9	100.0	V	8.0	42.1	-3.2	35.1	74
3600.000000	38.8	100.0	V	36.0	41.0	-2.2	35.2	74
4200.000000	44.3	100.0	H	50.0	43.9	0.4	29.7	74
4535.000000	44.2	100.0	V	277.0	43.6	0.6	29.8	74
5763.125000	55.2	100.0	H	234.0	51.6	3.6	18.8	74
6906.250000	45.5	100.0	H	121.0	39.2	6.3	28.5	74

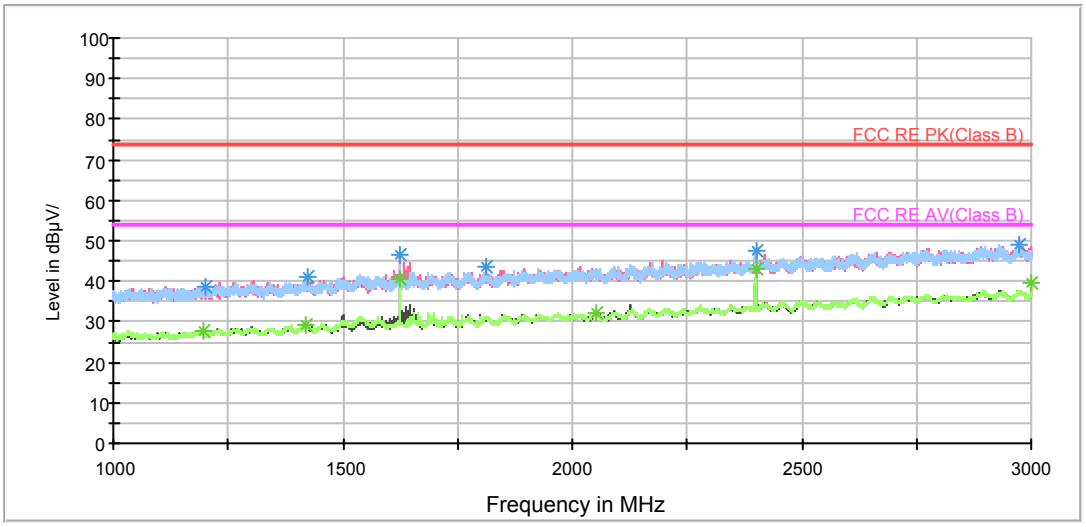
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	34.7	100.0	V	8.0	37.9	-3.2	19.3	54
3600.000000	32.3	100.0	V	36.0	34.5	-2.2	21.7	54
4200.000000	41.7	100.0	H	50.0	41.3	0.4	12.3	54
4534.375000	33.8	100.0	V	81.0	33.2	0.6	20.2	54
5762.500000	44.6	100.0	V	286.0	41.0	3.6	9.4	54
6908.750000	35.8	100.0	H	170.0	29.6	6.2	18.2	54

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

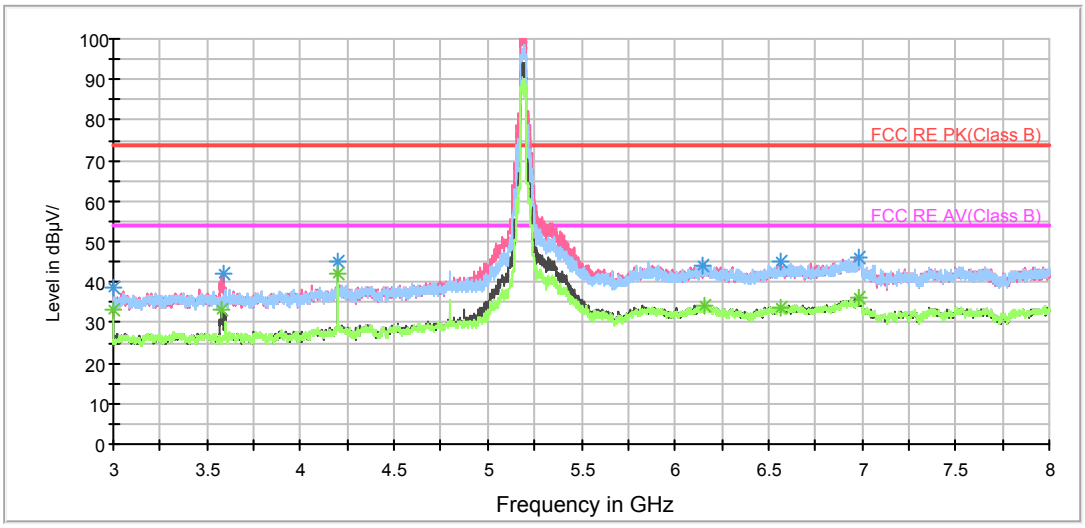
802.11ac (HT40) CH38

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

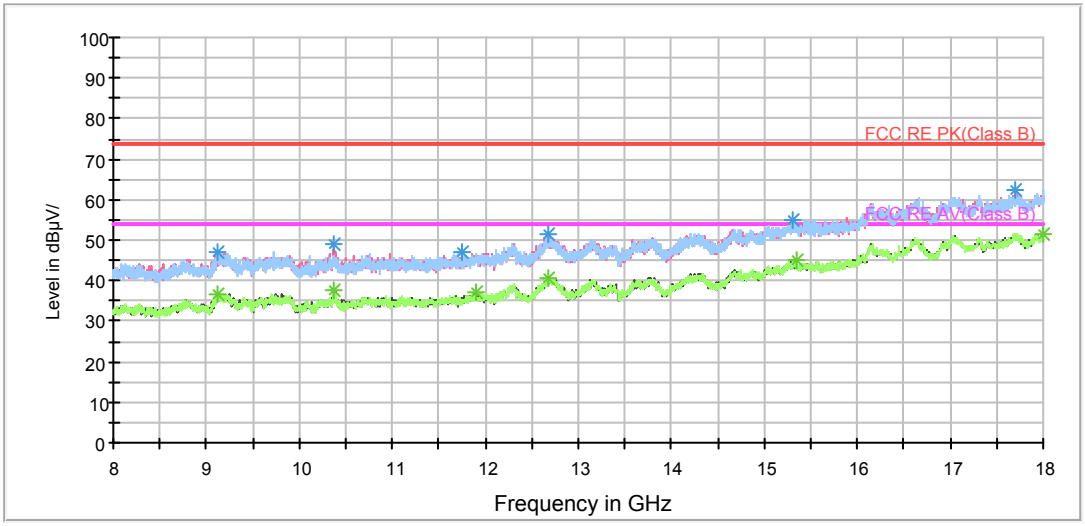
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

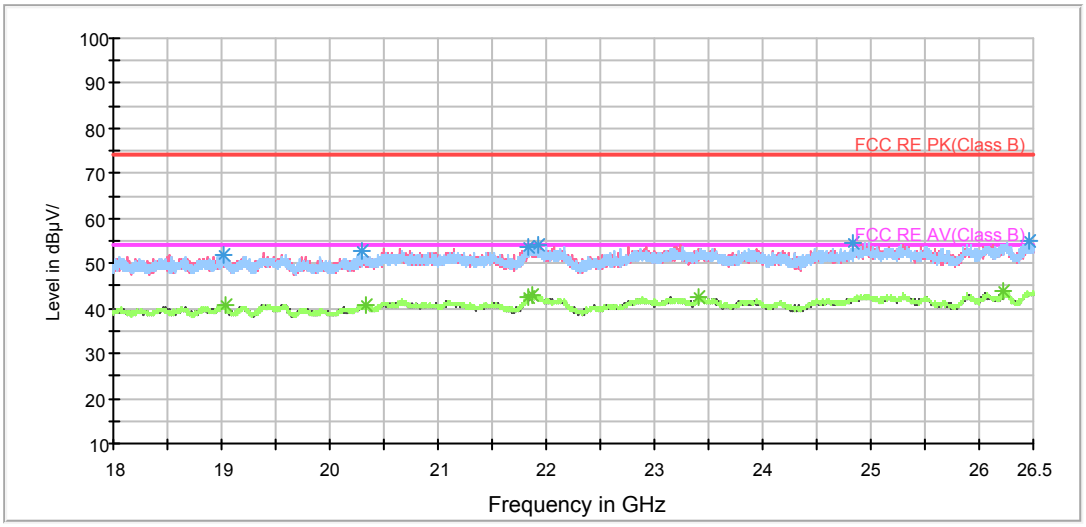
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



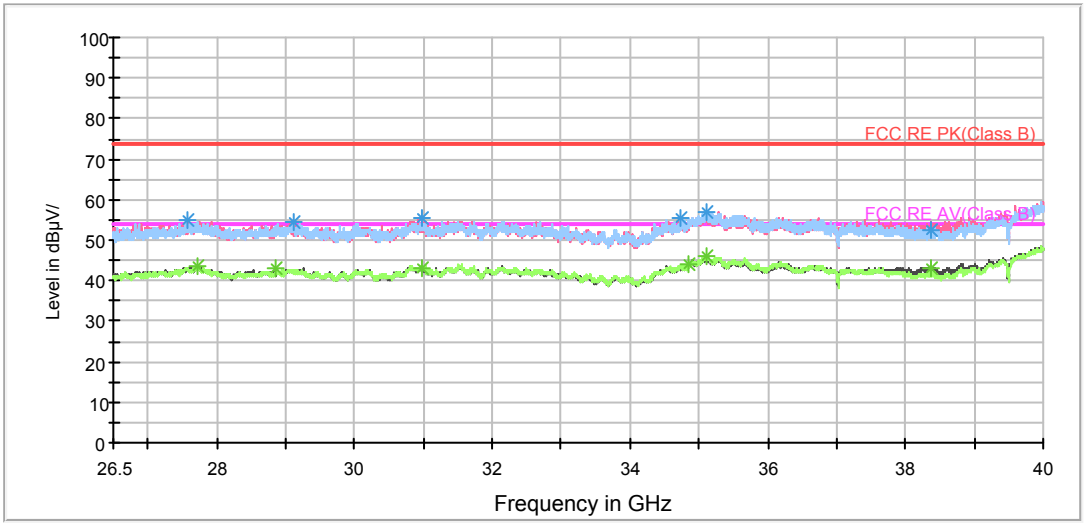
Radiates Emission from 8GHz to 18GHz

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)
3000.000000	38.7	100.0	V	285.0	41.9	-3.2	35.3	74
3583.750000	41.9	100.0	V	179.0	44.2	-2.3	32.1	74
4199.375000	45.2	100.0	H	53.0	44.8	0.4	28.8	74
6146.875000	44.0	100.0	H	332.0	38.5	5.5	30.0	74
6560.625000	44.9	100.0	V	98.0	39.1	5.8	29.1	74
6981.250000	45.8	100.0	H	190.0	39.4	6.4	28.2	74

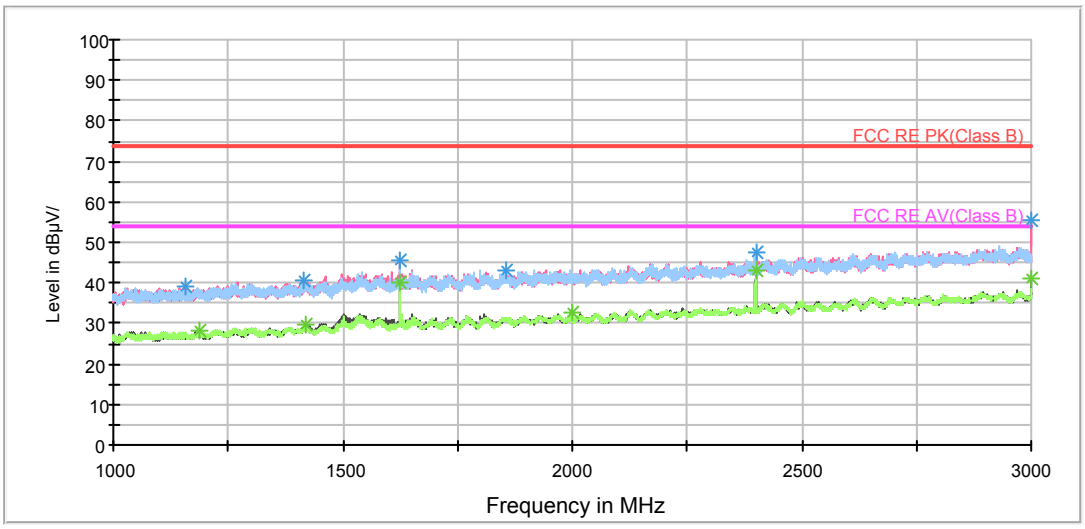
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	33.1	100.0	V	285.0	36.3	-3.2	20.9	54
3576.250000	33.0	100.0	V	179.0	35.2	-2.2	21.0	54
4200.000000	42.0	100.0	H	53.0	41.6	0.4	12.0	54
6158.750000	34.2	100.0	H	139.0	28.5	5.7	19.8	54
6570.000000	33.8	100.0	H	53.0	28.1	5.7	20.2	54
6987.500000	36.2	100.0	V	285.0	29.8	6.4	17.8	54

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

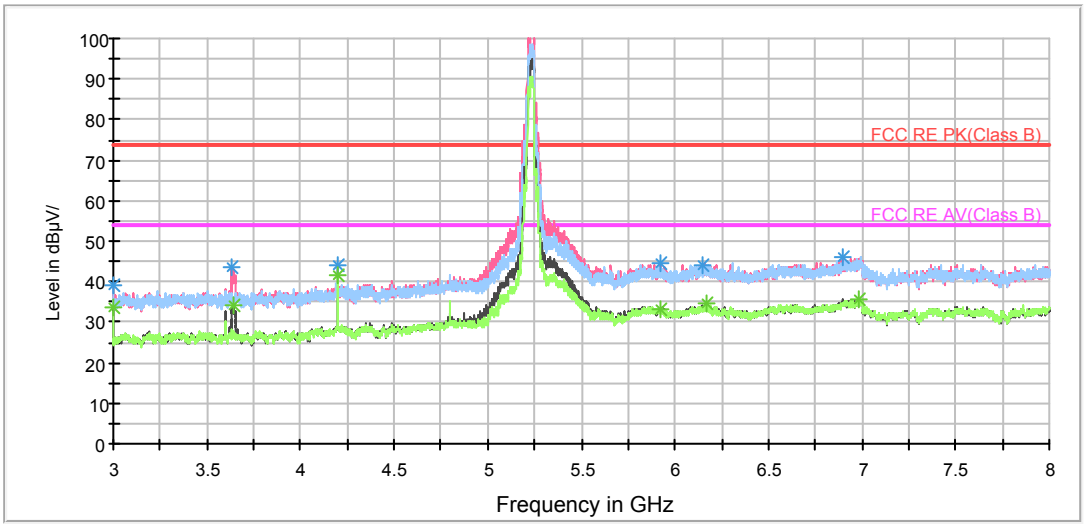
802.11ac (HT40) CH46

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

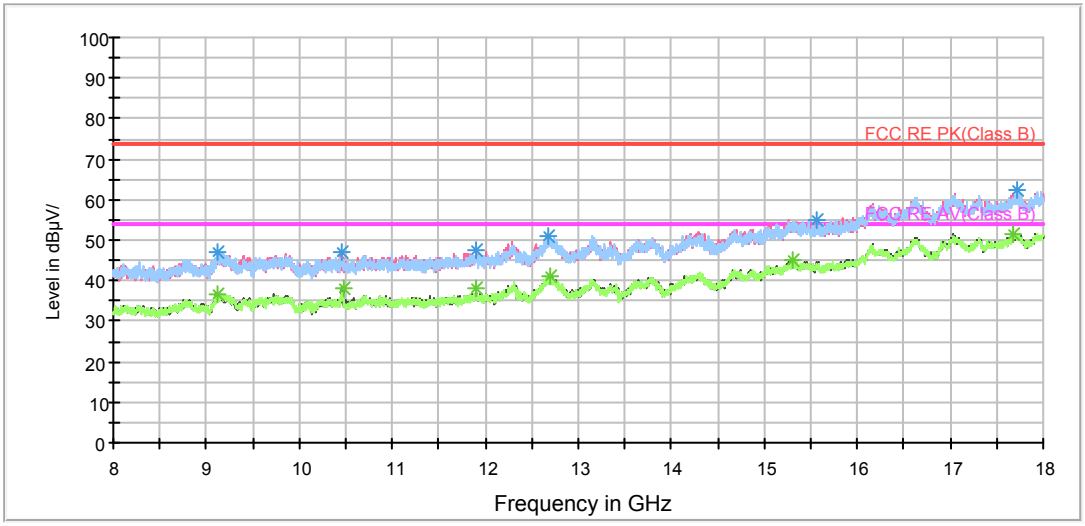
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

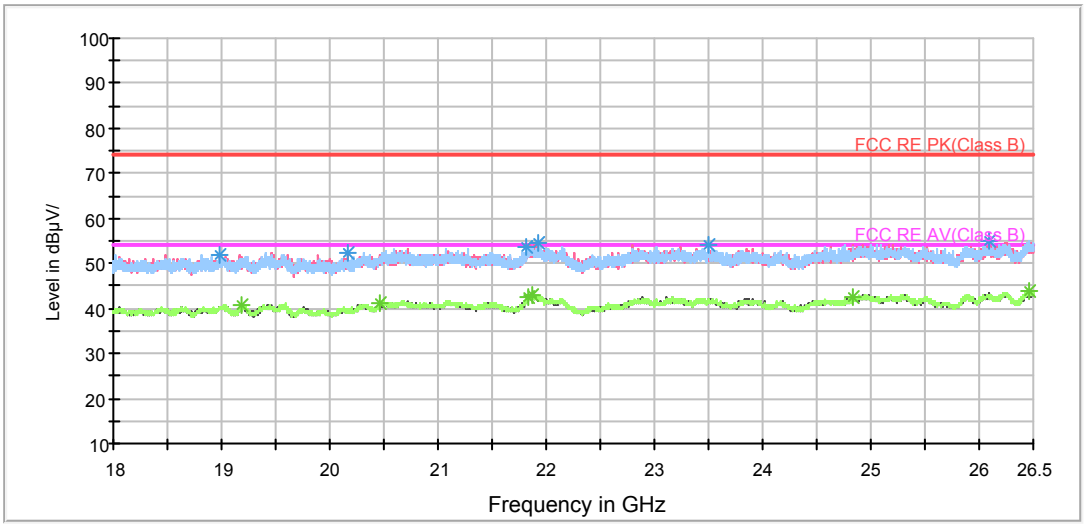
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



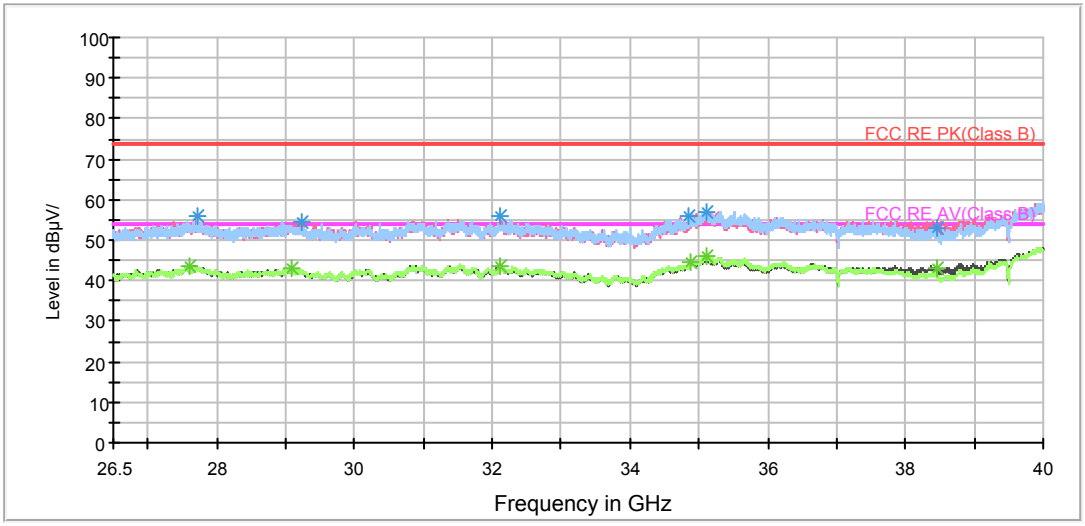
Radiates Emission from 8GHz to 18GHz

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)
3000.000000	38.9	100.0	H	8.0	42.1	-3.2	35.1	74
3636.250000	43.6	100.0	V	188.0	45.5	-1.9	30.4	74
4200.000000	43.9	100.0	H	54.0	43.5	0.4	30.1	74
5923.125000	44.8	100.0	V	91.0	40.0	4.8	29.2	74
6899.375000	46.1	100.0	V	298.0	39.8	6.3	27.9	74
6144.375000	43.9	100.0	V	0.0	38.5	5.4	30.1	74

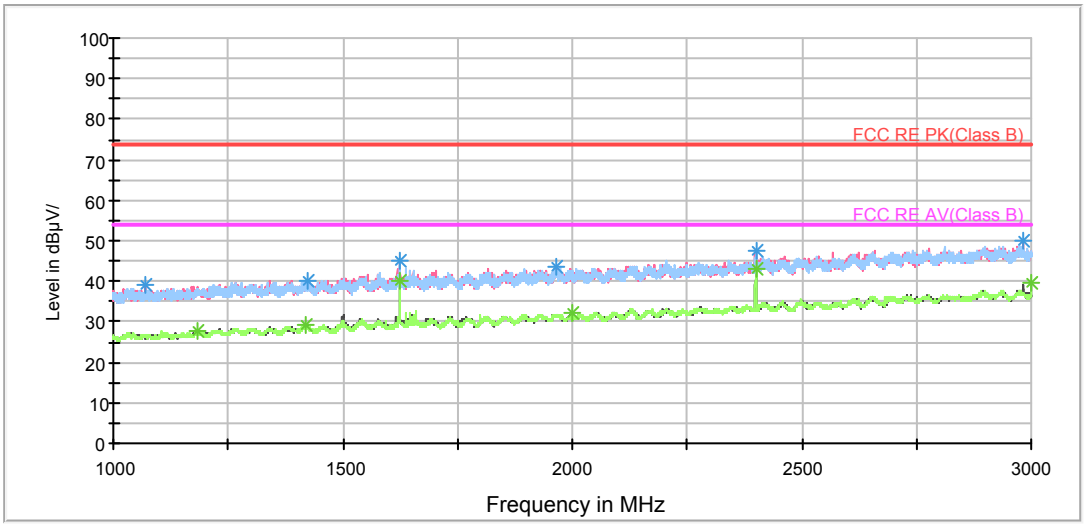
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	33.5	100.0	V	0.0	36.7	-3.2	20.5	54
3644.375000	34.1	100.0	V	180.0	35.9	-1.8	19.9	54
4200.000000	41.6	100.0	H	54.0	41.2	0.4	12.4	54
5918.750000	33.3	100.0	V	132.0	28.4	4.9	20.7	54
6165.000000	34.5	100.0	V	37.0	28.9	5.6	19.5	54
6985.625000	35.9	100.0	H	78.0	29.5	6.4	18.1	54

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

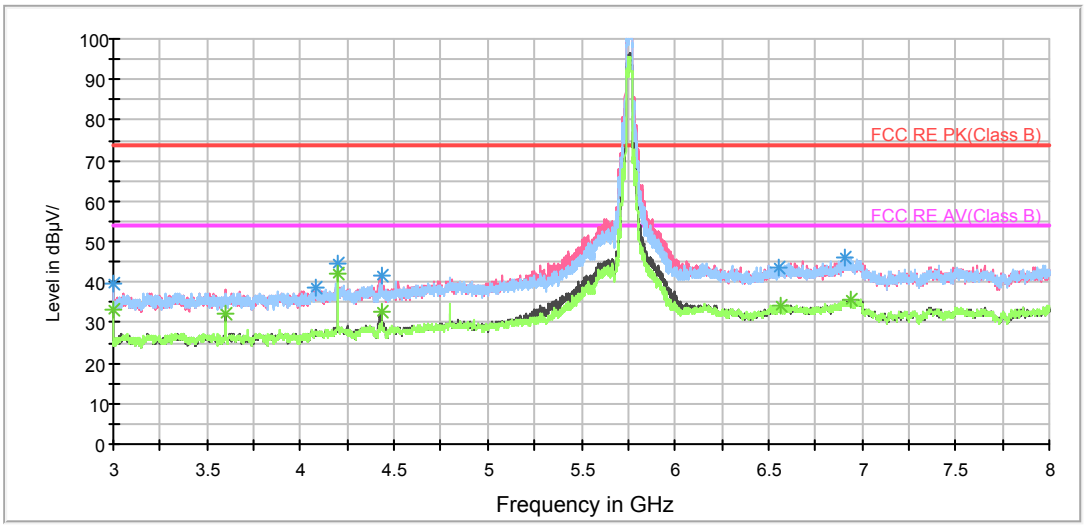
802.11ac (HT40) CH151

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

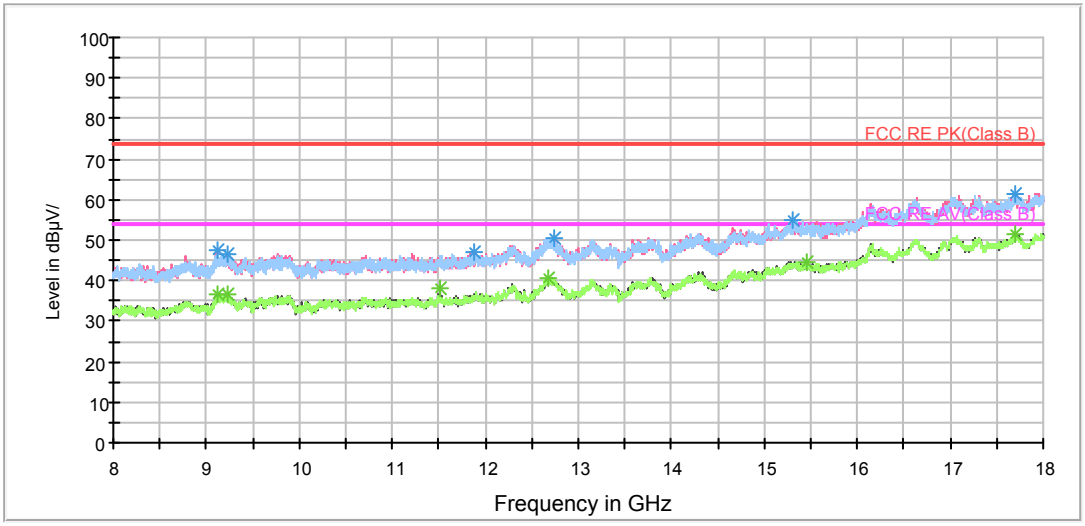
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

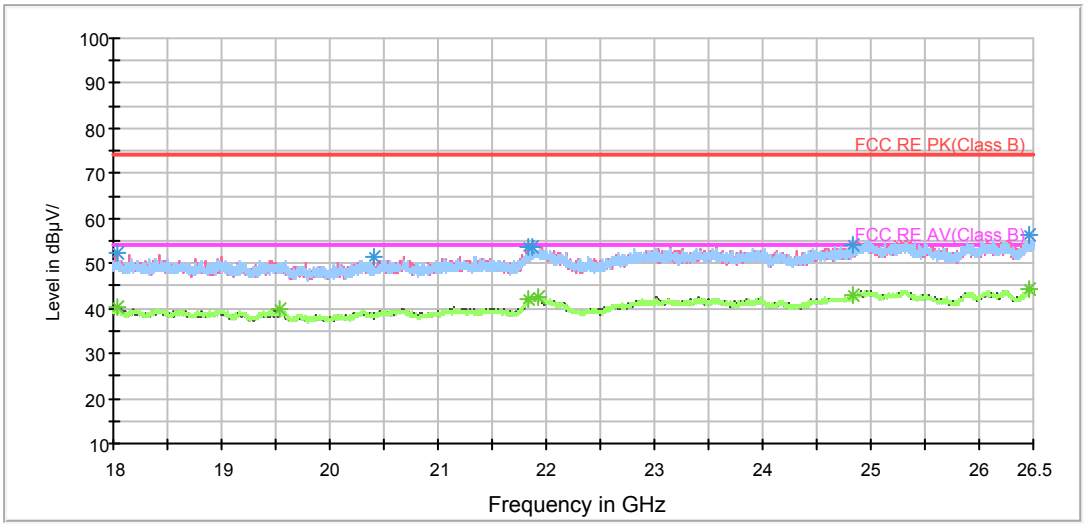
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



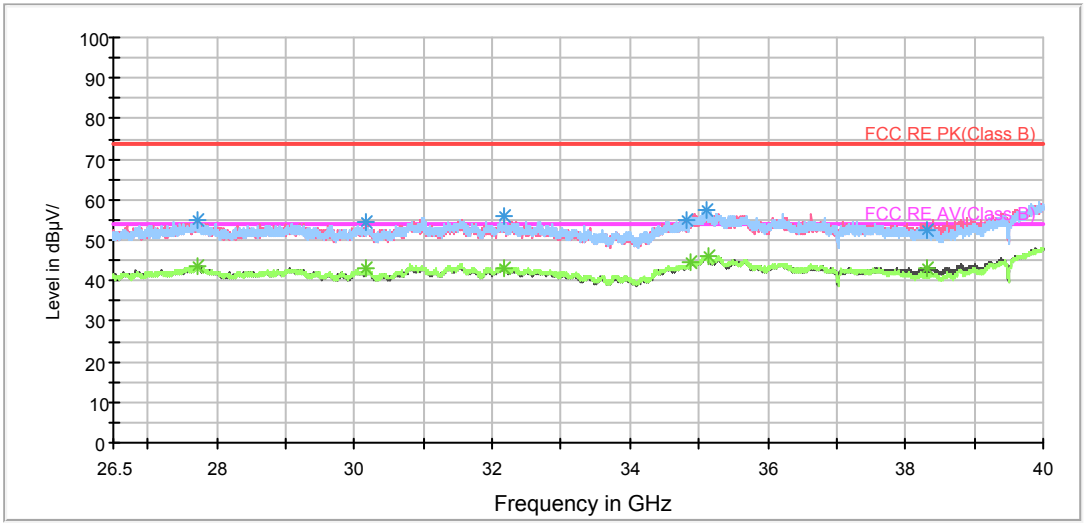
Radiates Emission from 8GHz to 18GHz

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)
3000.000000	39.4	100.0	H	19.0	42.6	-3.2	34.6	74
4077.500000	38.8	100.0	H	83.0	39.7	-0.9	35.2	74
4200.000000	44.4	100.0	H	50.0	44.0	0.4	29.6	74
4431.250000	41.7	100.0	V	280.0	41.5	0.2	32.3	74
6553.750000	43.6	100.0	V	320.0	38.0	5.6	30.4	74
6912.500000	46.2	100.0	V	197.0	40.0	6.2	27.8	74

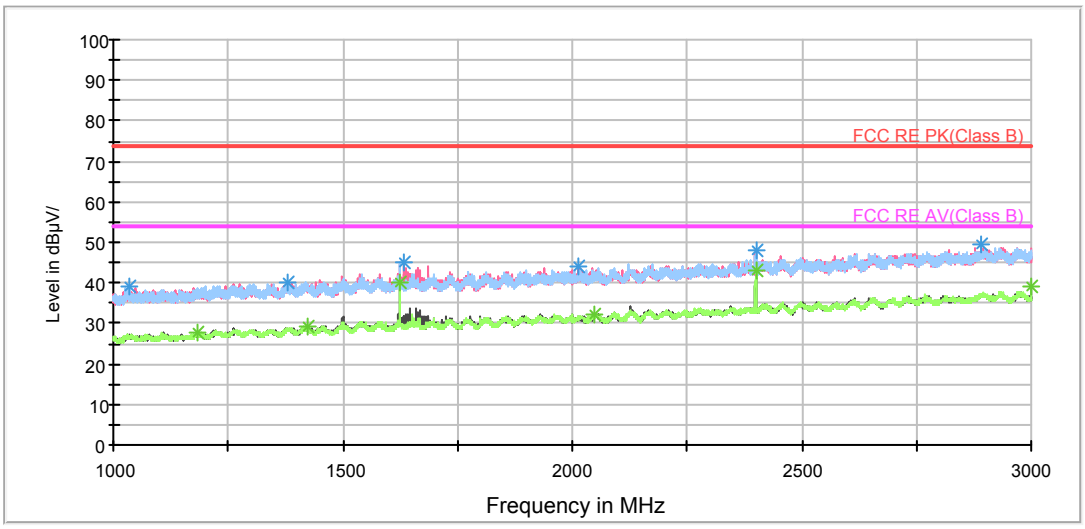
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	33.2	100.0	V	0.0	36.4	-3.2	20.8	54
3600.000000	32.0	100.0	V	0.0	34.2	-2.2	22.0	54
4200.000000	41.9	100.0	H	50.0	41.5	0.4	12.1	54
4429.375000	32.7	100.0	V	280.0	32.5	0.2	21.3	54
6560.000000	33.9	100.0	H	0.0	28.1	5.8	20.1	54
6937.500000	35.6	100.0	H	263.0	29.5	6.1	18.4	54

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

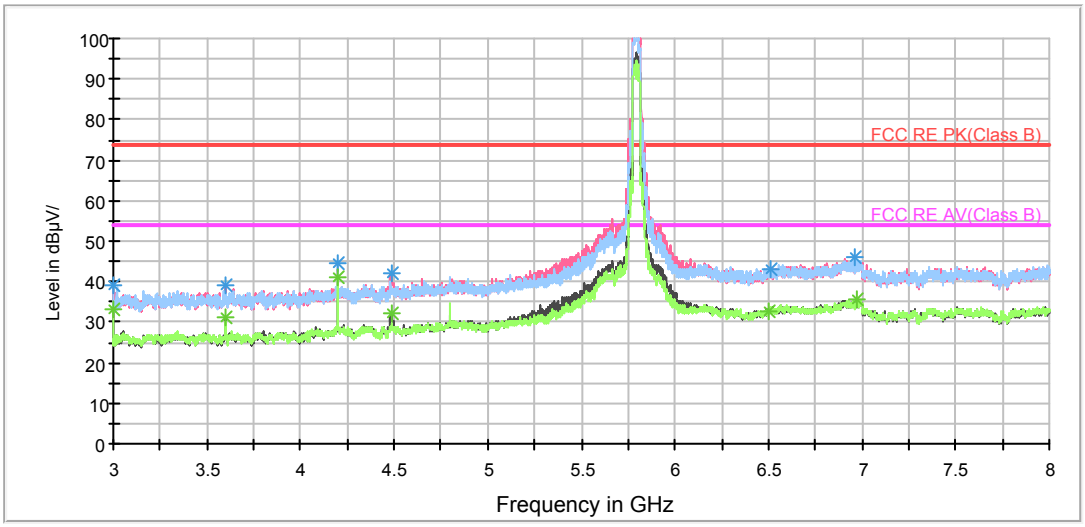
802.11ac (HT40) CH159

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

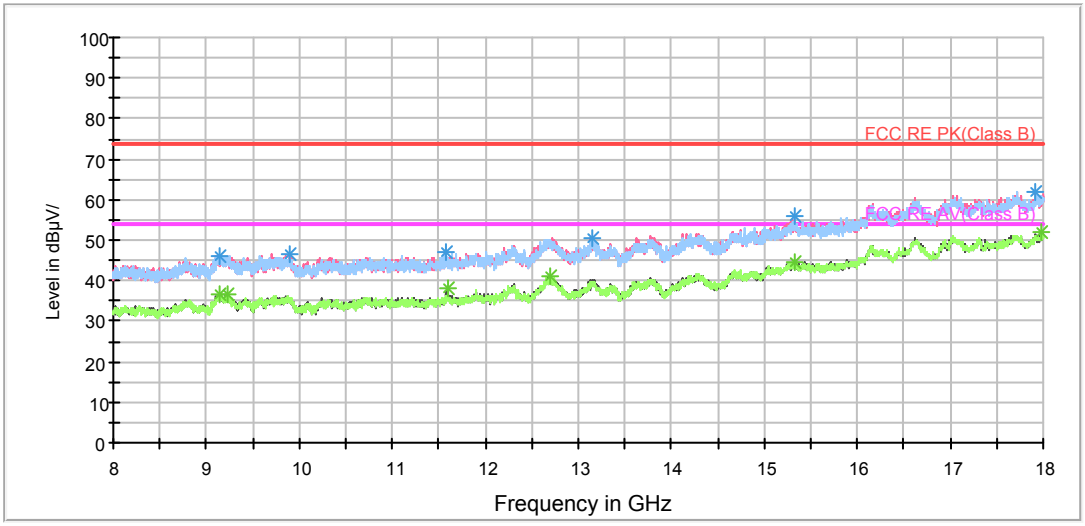
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

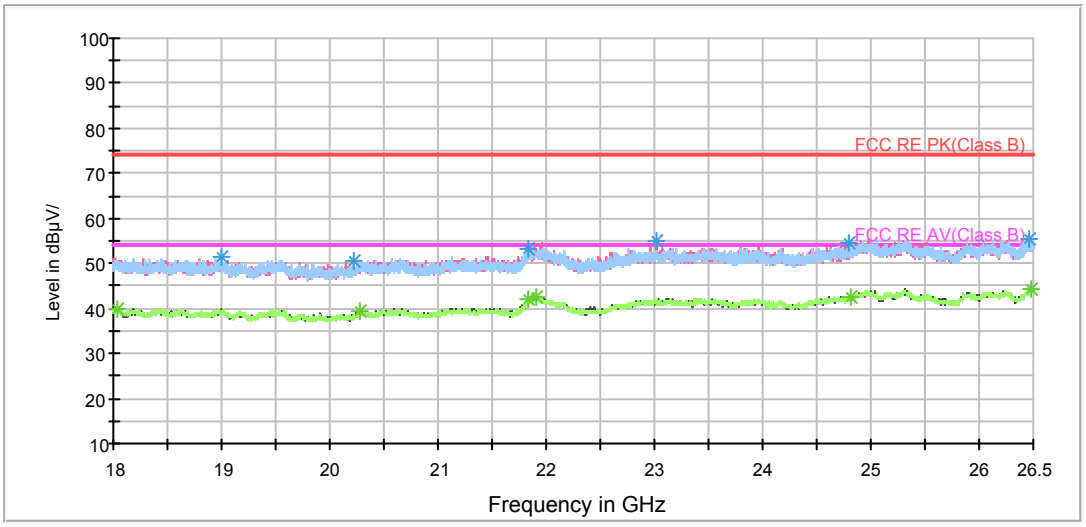
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



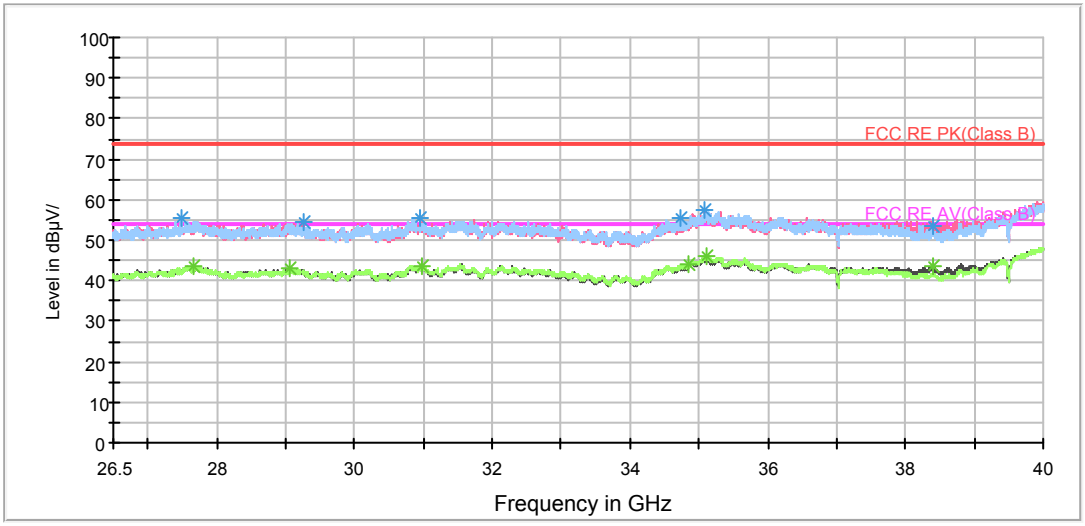
Radiates Emission from 8GHz to 18GHz

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)
3000.000000	39.1	100.0	H	141.0	42.3	-3.2	34.9	74
3600.000000	39.1	100.0	V	0.0	41.3	-2.2	34.9	74
4200.000000	44.4	100.0	H	53.0	44.0	0.4	29.6	74
4484.375000	41.9	100.0	V	273.0	41.4	0.5	32.1	74
6507.500000	42.9	100.0	H	156.0	37.5	5.4	31.1	74
6957.500000	46.0	100.0	H	77.0	39.8	6.2	28.0	74

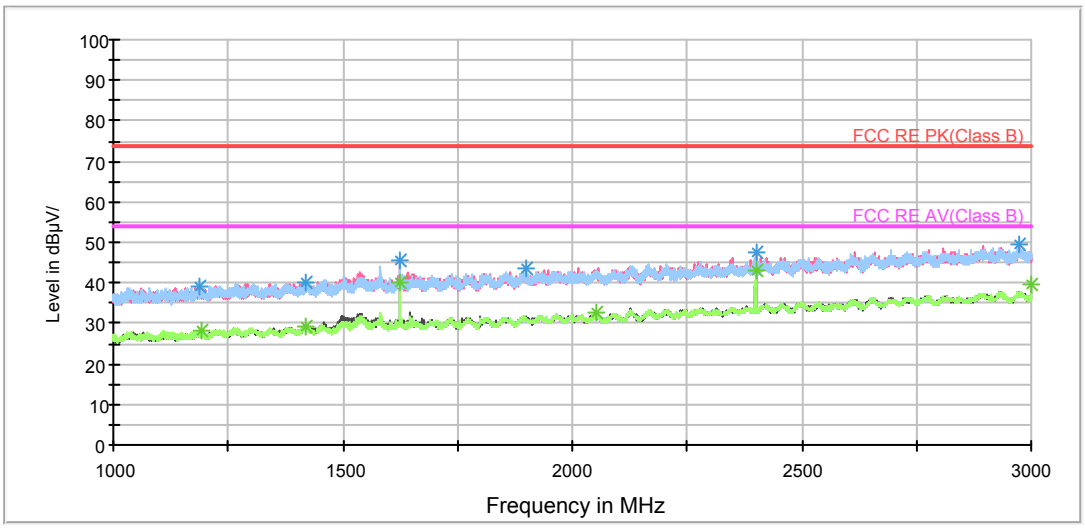
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	33.0	100.0	H	141.0	36.2	-3.2	21.0	54
3600.000000	31.3	100.0	V	0.0	33.5	-2.2	22.7	54
4200.000000	41.3	100.0	H	53.0	40.9	0.4	12.7	54
4484.375000	32.2	100.0	V	273.0	31.7	0.5	21.8	54
6504.375000	32.7	100.0	H	6.0	27.4	5.3	21.3	54
6976.875000	35.5	100.0	H	196.0	29.2	6.3	18.5	54

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

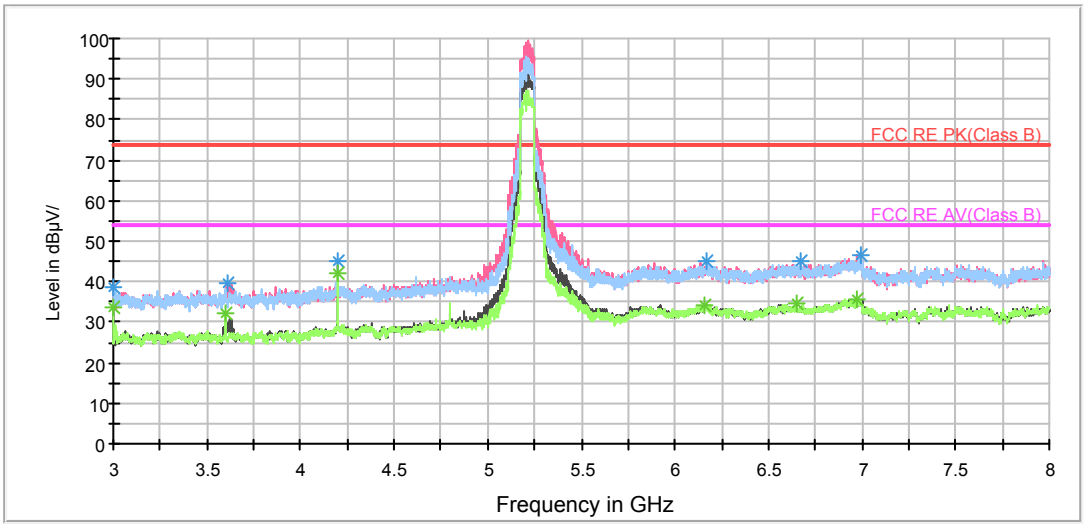
802.11ac (HT80) CH42

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

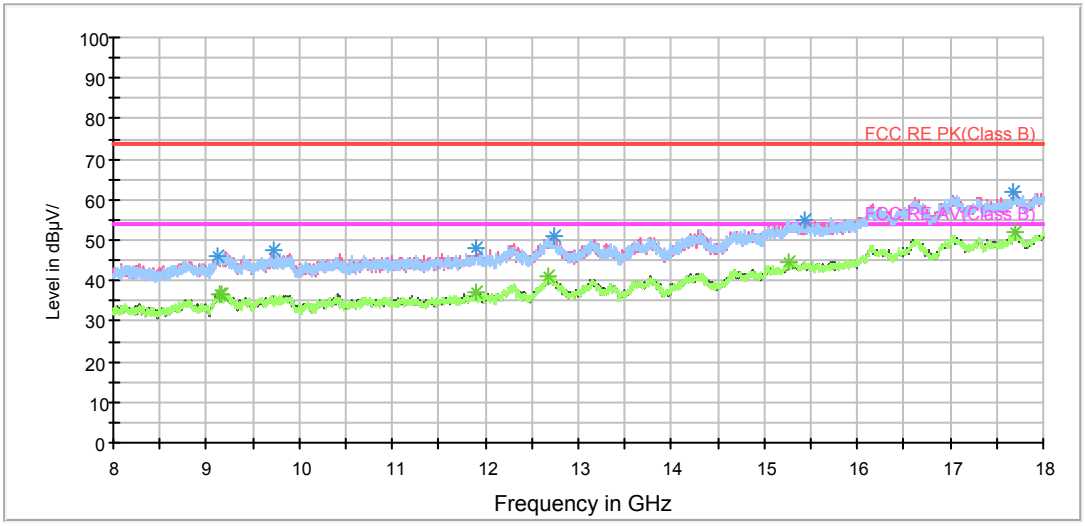
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

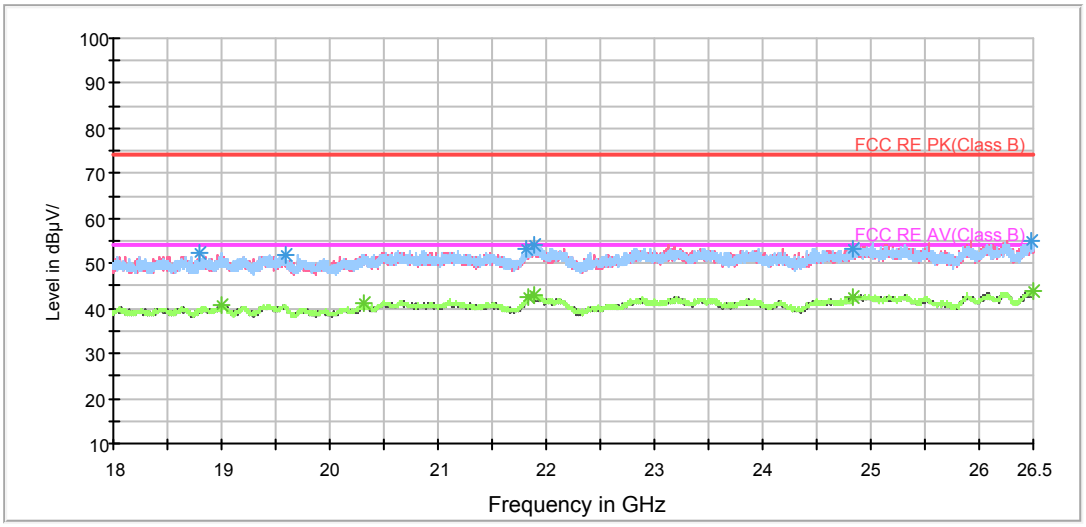
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



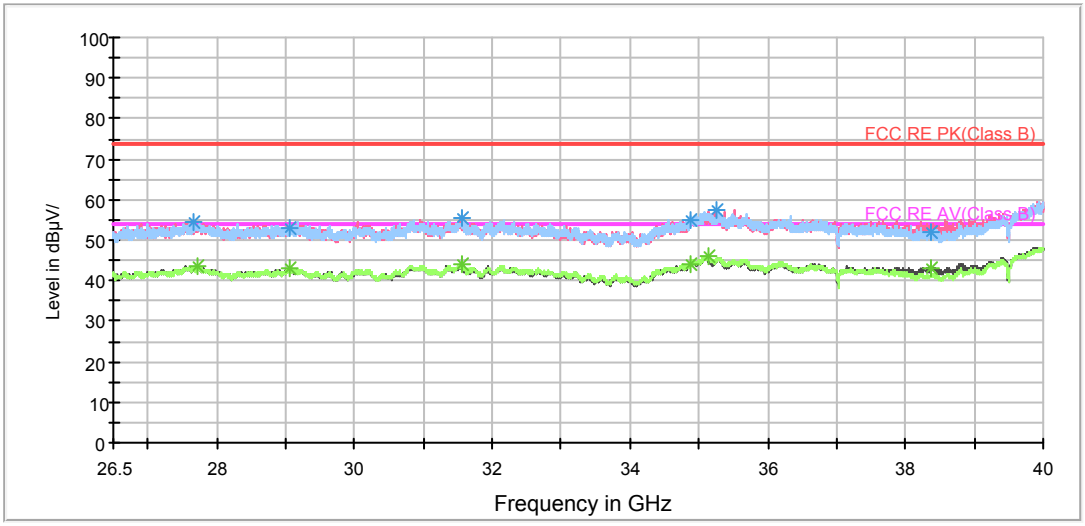
Radiates Emission from 8GHz to 18GHz

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)
3000.000000	38.6	100.0	H	140.0	41.8	-3.2	35.4	74
3605.625000	39.5	100.0	V	195.0	41.7	-2.2	34.5	74
4200.000000	45.0	100.0	H	53.0	44.6	0.4	29.0	74
6166.875000	45.0	100.0	H	68.0	39.4	5.6	29.0	74
6668.750000	44.9	100.0	H	124.0	39.4	5.5	29.1	74
6991.250000	46.5	100.0	H	0.0	40.0	6.5	27.5	74

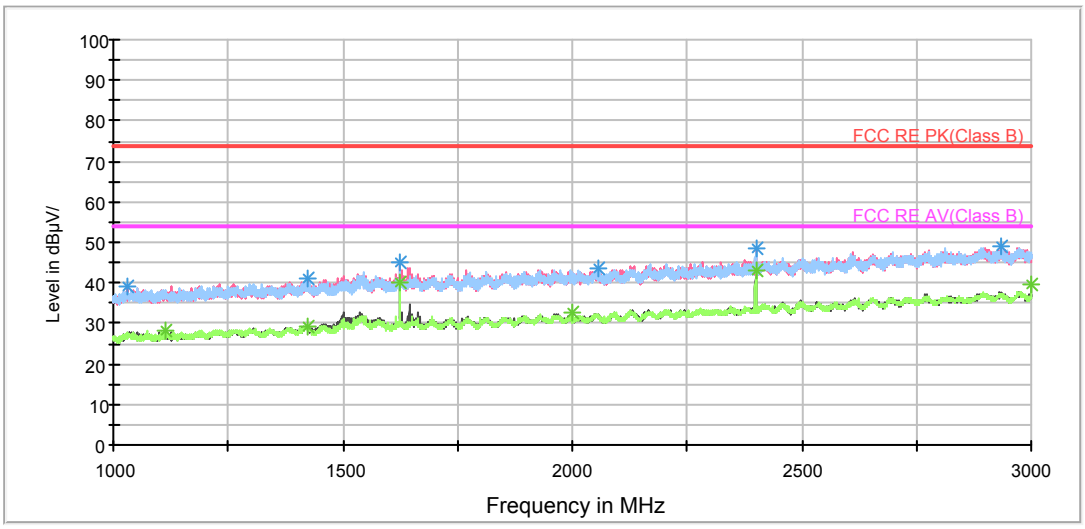
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	33.6	100.0	V	0.0	36.8	-3.2	20.4	54
3600.000000	32.3	100.0	V	0.0	34.5	-2.2	21.7	54
4200.000000	42.1	100.0	H	53.0	41.7	0.4	11.9	54
6163.125000	34.2	100.0	V	298.0	28.6	5.6	19.8	54
6646.875000	34.8	100.0	V	353.0	29.3	5.5	19.2	54
6974.375000	35.4	100.0	V	305.0	29.1	6.3	18.6	54

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

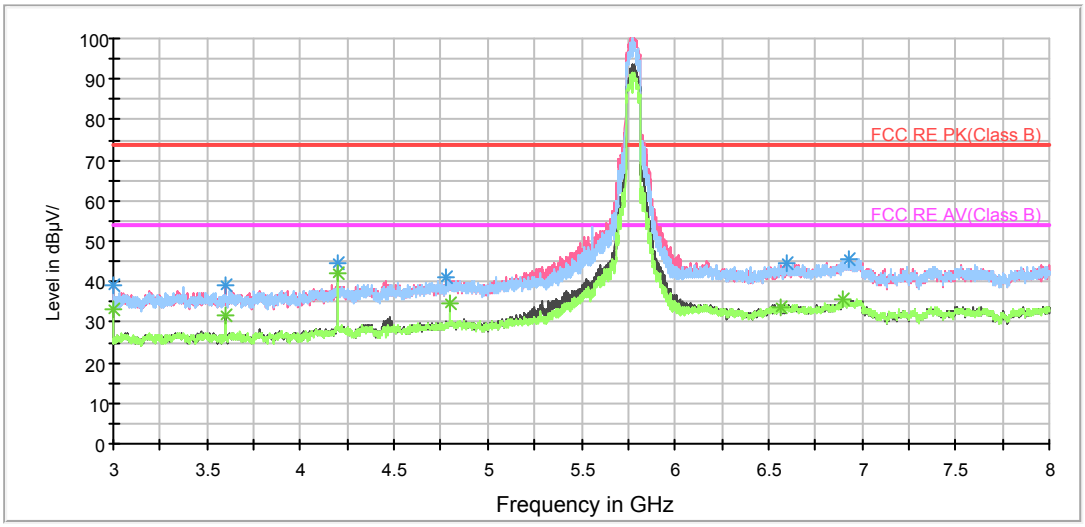
802.11ac (HT80) CH155

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

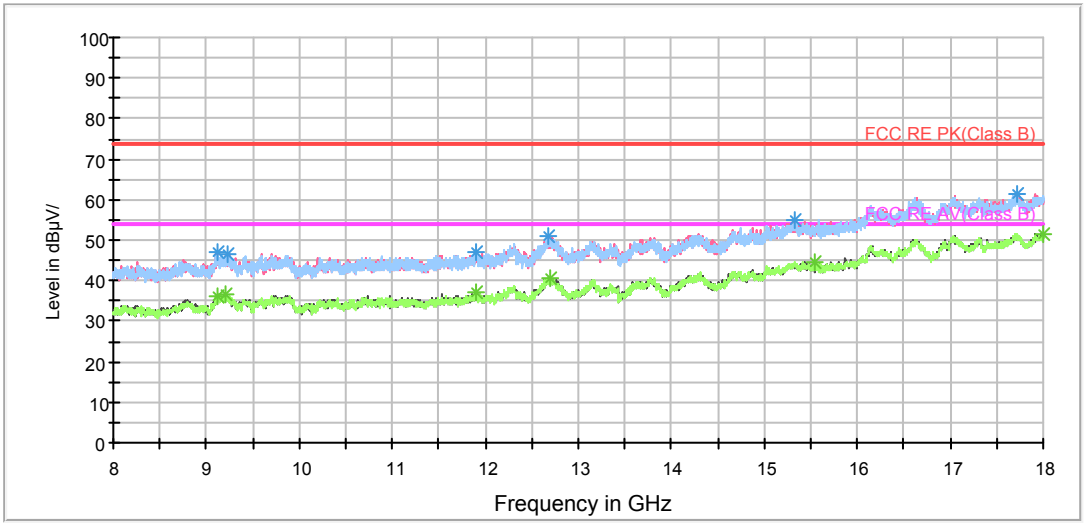
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

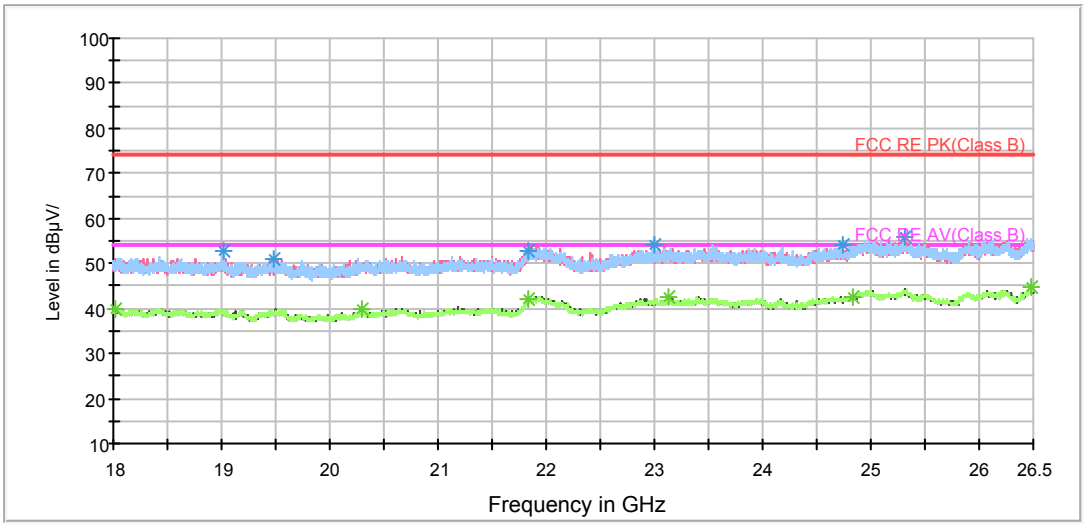
Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



Radiates Emission from 8GHz to 18GHz

BELL_RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

BELL RE 26.5-40GHz PK+AV

Radiates Emission from 26.5GHz to 40GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	39.2	100.0	V	0.0	42.4	-3.2	34.8	74
3600.000000	39.0	100.0	V	0.0	41.2	-2.2	35.0	74
4200.000000	44.7	100.0	H	53.0	44.3	0.4	29.3	74
4782.500000	41.2	100.0	V	104.0	40.1	1.1	32.8	74
6598.750000	44.6	100.0	V	191.0	38.9	5.7	29.4	74
6931.875000	45.6	100.0	H	172.0	39.4	6.2	28.4	74

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

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3000.000000	33.2	100.0	V	0.0	36.4	-3.2	20.8	54
3600.000000	31.8	100.0	V	0.0	34.0	-2.2	22.2	54
4200.000000	41.9	100.0	H	53.0	41.5	0.4	12.1	54
4800.000000	34.8	100.0	H	29.0	33.5	1.3	19.2	54
6561.875000	33.6	100.0	V	358.0	27.8	5.8	20.4	54
6893.750000	35.5	100.0	V	279.0	29.3	6.2	18.5	54

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

5.6. Conducted Emission

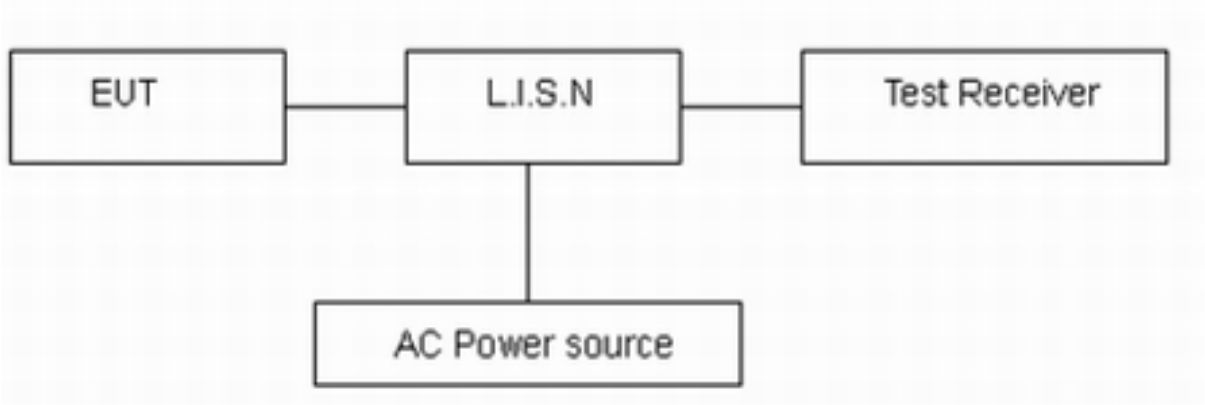
Ambient condition

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.		

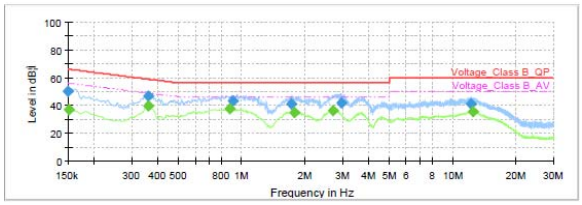
Measurement Uncertainty

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:

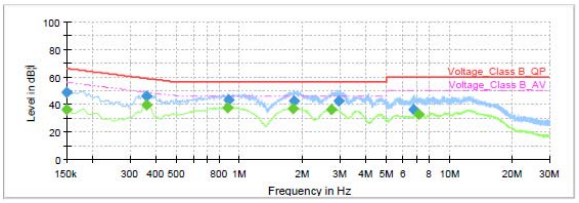
Following plots, Blue trace uses the peak detection and Green trace uses the average detection. During the test, the Conducted Emission was performed in all modes with all channels, 802.11ac (HT20), Channel 165 are selected as the worst condition. The test data of the worst-case condition was recorded in this report.

L Line



Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.150000	49.82	---	66.00	16.18	1000.0	9.000	L1	ON	19.6
0.152250	---	37.04	55.88	18.84	1000.0	9.000	L1	ON	19.6
0.361500	---	39.60	48.69	9.10	1000.0	9.000	L1	ON	19.6
0.361500	46.29	---	58.69	12.41	1000.0	9.000	L1	ON	19.6
0.874500	---	37.59	46.00	8.41	1000.0	9.000	L1	ON	19.6
0.912750	42.98	---	56.00	13.02	1000.0	9.000	L1	ON	19.6
1.718250	40.93	---	56.00	15.07	1000.0	9.000	L1	ON	19.6
1.788000	---	35.05	46.00	10.95	1000.0	9.000	L1	ON	19.6
2.708250	---	36.20	46.00	9.80	1000.0	9.000	L1	ON	19.6
2.973750	41.80	---	56.00	14.20	1000.0	9.000	L1	ON	19.6
12.153750	40.82	---	60.00	19.18	1000.0	9.000	L1	ON	19.9
12.450750	---	35.65	50.00	14.35	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)
0.150000	---	36.45	56.00	19.55	1000.0	9.000	N	ON	19.7
0.150000	48.46	---	66.00	17.54	1000.0	9.000	N	ON	19.7
0.361500	---	39.73	48.69	8.97	1000.0	9.000	N	ON	19.6
0.361500	46.08	---	58.69	12.61	1000.0	9.000	N	ON	19.6
0.874500	---	37.45	46.00	8.55	1000.0	9.000	N	ON	19.6
0.890250	42.76	---	56.00	13.24	1000.0	9.000	N	ON	19.6
1.799250	---	36.56	46.00	9.44	1000.0	9.000	N	ON	19.6
1.828500	42.54	---	56.00	13.46	1000.0	9.000	N	ON	19.6
2.733000	---	36.25	46.00	9.75	1000.0	9.000	N	ON	19.6
2.969250	42.06	---	56.00	13.94	1000.0	9.000	N	ON	19.6
6.758250	36.43	---	60.00	23.57	1000.0	9.000	N	ON	19.7
7.136250	---	32.83	50.00	17.17	1000.0	9.000	N	ON	19.7

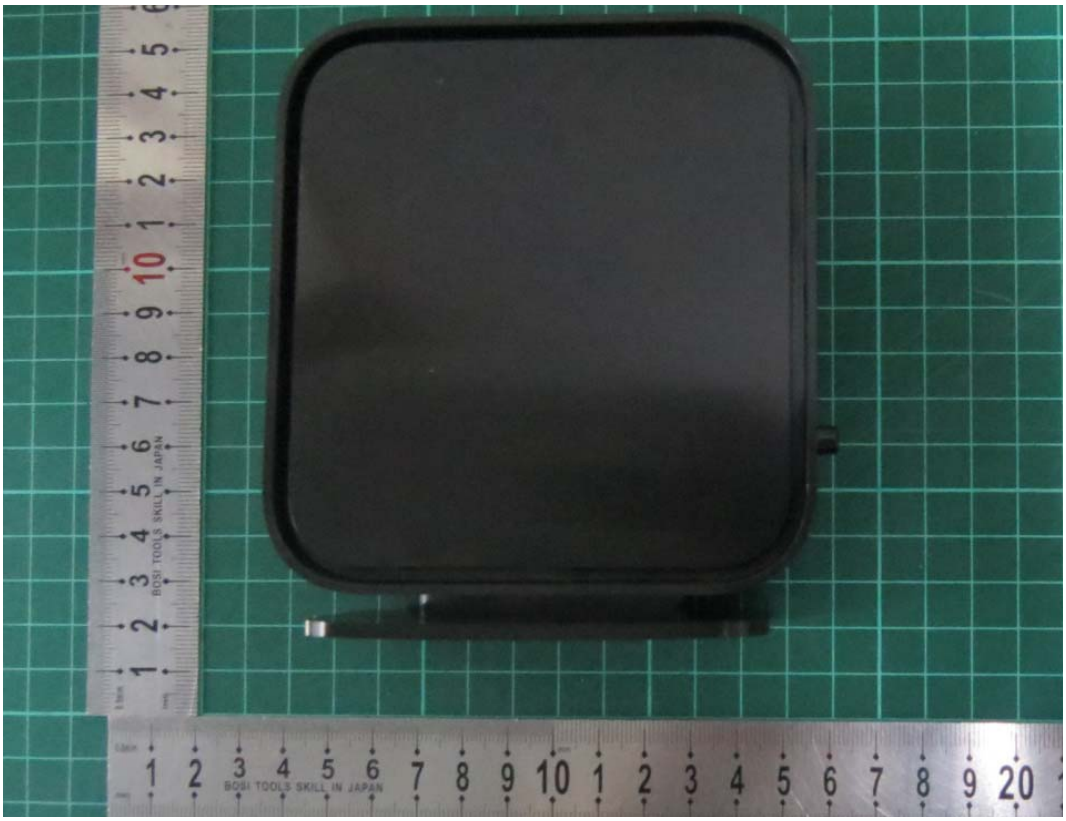
6. Main Test Instruments

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: The EUT Appearance and Test Configuration

A.1 EUT Appearance

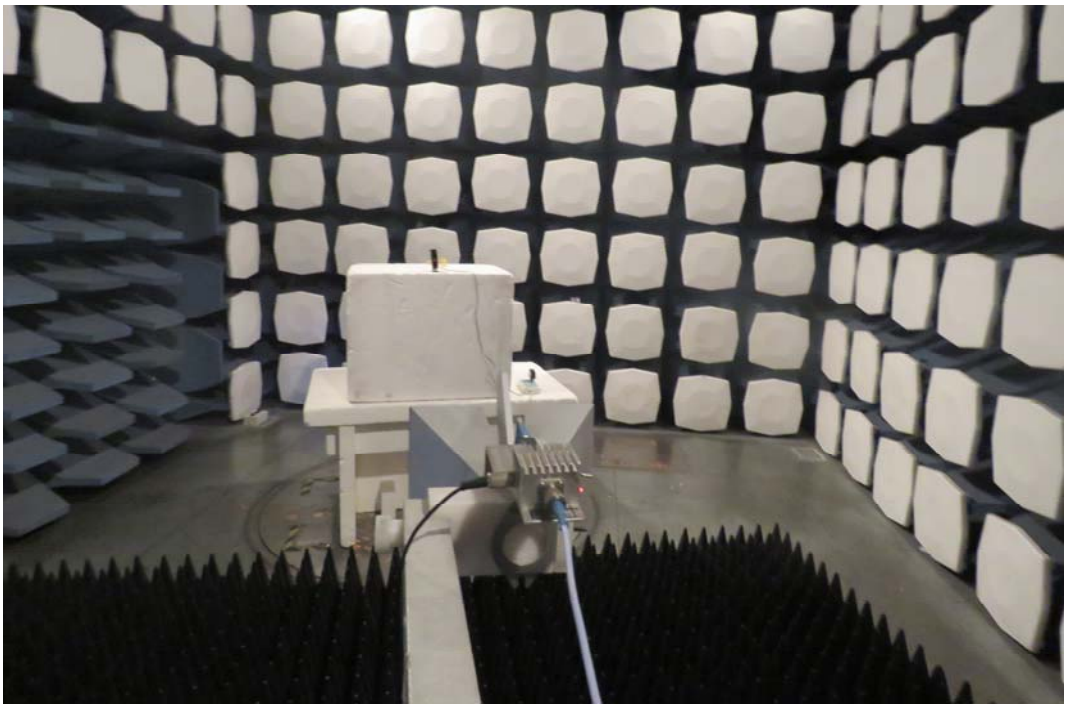


HA-020W-A

A-020W-A
Picture 1 EUT

A.2 Test Setup

30MHz-1GHz



Above 1GHz

Picture 2 Radiated Emission Test Setup

Picture 3 Conducted Emission Test Setup