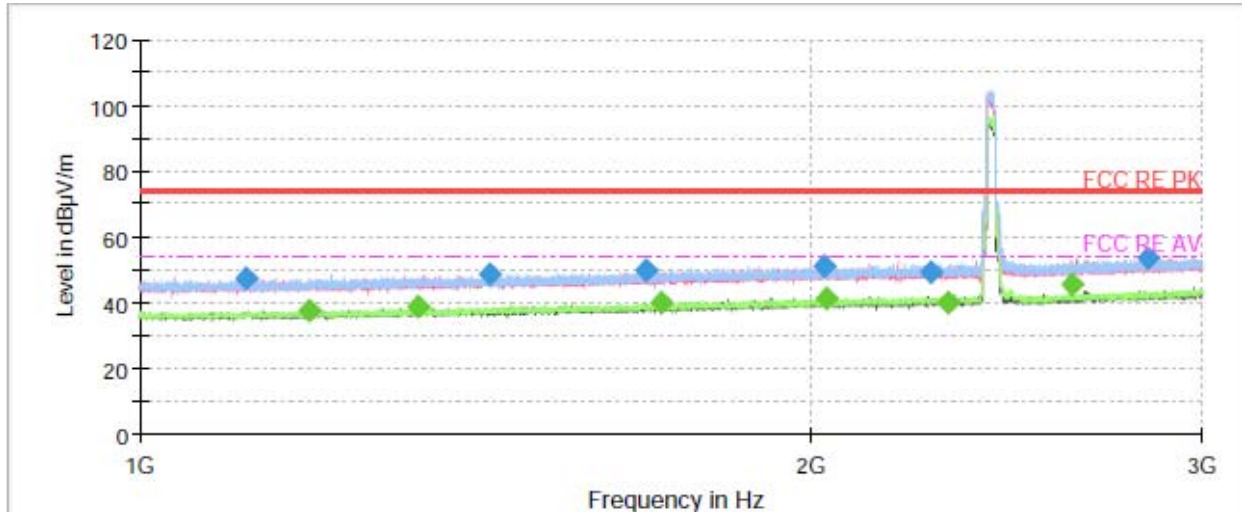
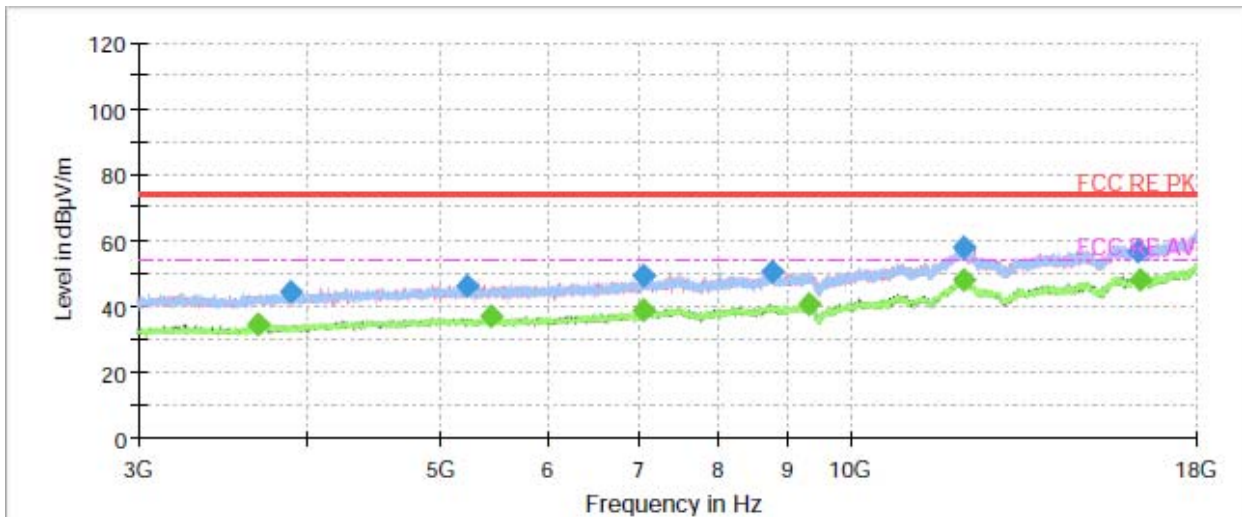


802.11n (HT20) CH1



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 3GHz

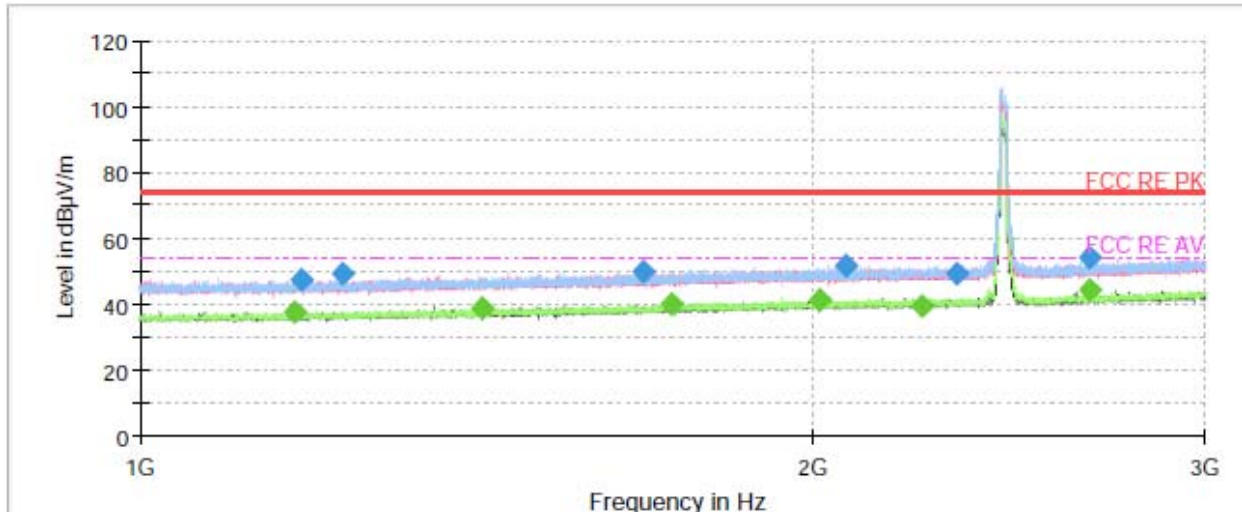


Radiates Emission from 3GHz to 18GHz

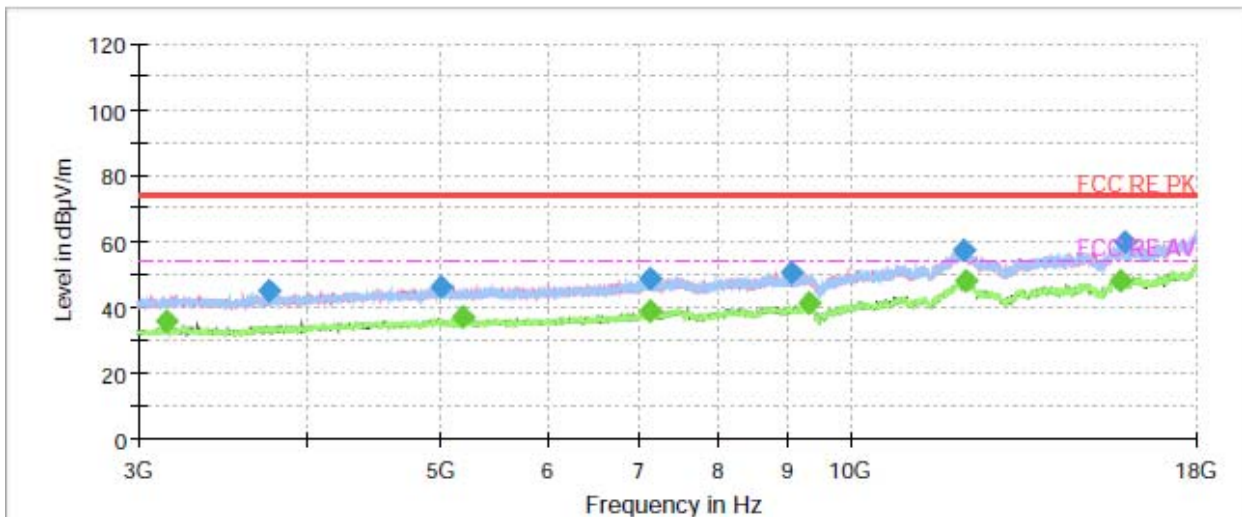
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1116.200000	47.40	---	74.00	26.60	200.0	V	150.0	-10.6
1192.333333	---	37.51	54.00	16.49	200.0	H	0.0	-10.2
1331.800000	---	38.68	54.00	15.32	100.0	V	306.0	-9.3
1436.266667	48.59	---	74.00	25.41	100.0	V	228.0	-8.7
1688.066667	49.74	---	74.00	24.26	100.0	V	210.0	-7.2
1714.800000	---	40.02	54.00	13.98	200.0	V	94.0	-7.1
2030.533333	51.13	---	74.00	22.87	100.0	H	126.0	-5.5
2035.600000	---	41.20	54.00	12.80	100.0	H	308.0	-5.5
2267.866667	49.03	---	74.00	24.97	200.0	V	88.0	-4.9
2305.400000	---	39.82	54.00	14.18	100.0	V	75.0	-4.9
2623.800000	---	45.55	54.00	8.45	200.0	V	223.0	-4.0
2835.133333	53.72	---	74.00	20.28	100.0	H	71.0	-3.2
12110.500000	---	48.22	54.00	5.78	100.0	H	352.0	6.2
12152.500000	57.68	---	74.00	16.32	100.0	V	207.0	6.0
16323.000000	56.76	---	74.00	17.24	100.0	V	213.0	11.6
16342.500000	---	48.12	54.00	5.88	100.0	V	246.0	11.6

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

802.11n (HT20) CH6



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 3GHz

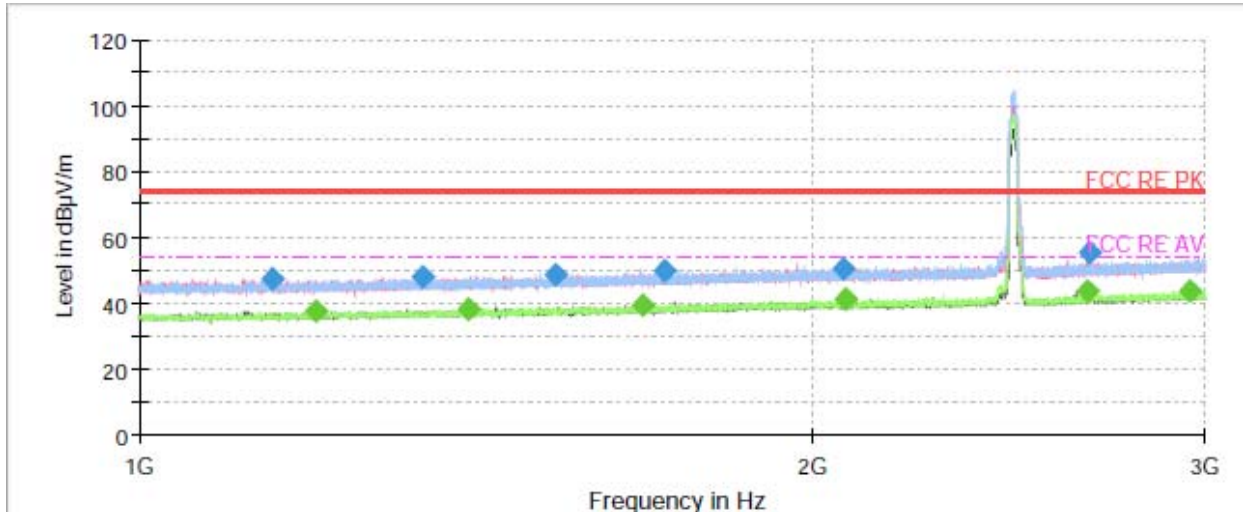


Radiates Emission from 3GHz to 18GHz

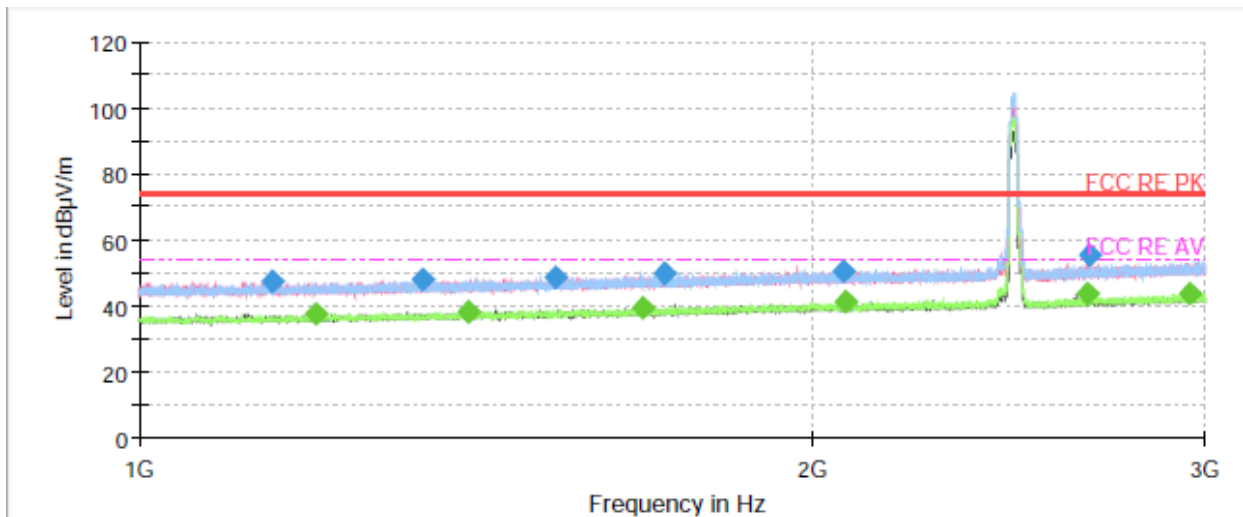
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1172.533333	---	37.59	54.00	16.41	200.0	H	130.0	-10.3
1181.800000	47.55	---	74.00	26.45	100.0	H	239.0	-10.3
1232.266667	48.93	---	74.00	25.07	200.0	H	210.0	-10.0
1423.466667	---	38.93	54.00	15.07	200.0	H	273.0	-8.8
1680.333333	49.88	---	74.00	24.12	200.0	H	112.0	-7.3
1731.533333	---	39.96	54.00	14.04	200.0	H	350.0	-7.0
2016.000000	---	41.47	54.00	12.53	200.0	H	236.0	-5.5
2072.133333	51.51	---	74.00	22.49	200.0	H	309.0	-5.4
2240.266667	---	39.24	54.00	14.76	100.0	V	221.0	-5.0
2321.666667	49.24	---	74.00	24.76	200.0	V	13.0	-4.8
2663.800000	---	44.34	54.00	9.66	100.0	V	161.0	-3.8
2664.466667	54.43	---	74.00	19.57	100.0	V	161.0	-3.8
15850.000000	---	48.15	54.00	5.85	200.0	V	170.0	6.4
15912.000000	59.96	---	74.00	14.04	100.0	H	30.0	6.8

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

802.11n (HT20) CH11



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 3GHz

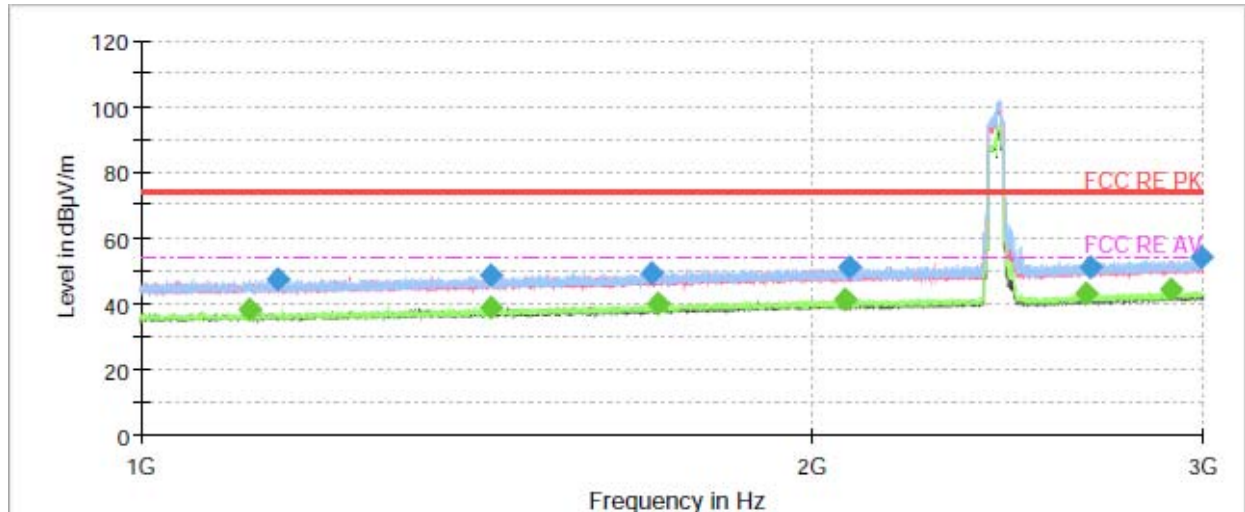


Radiates Emission from 3GHz to 18GHz

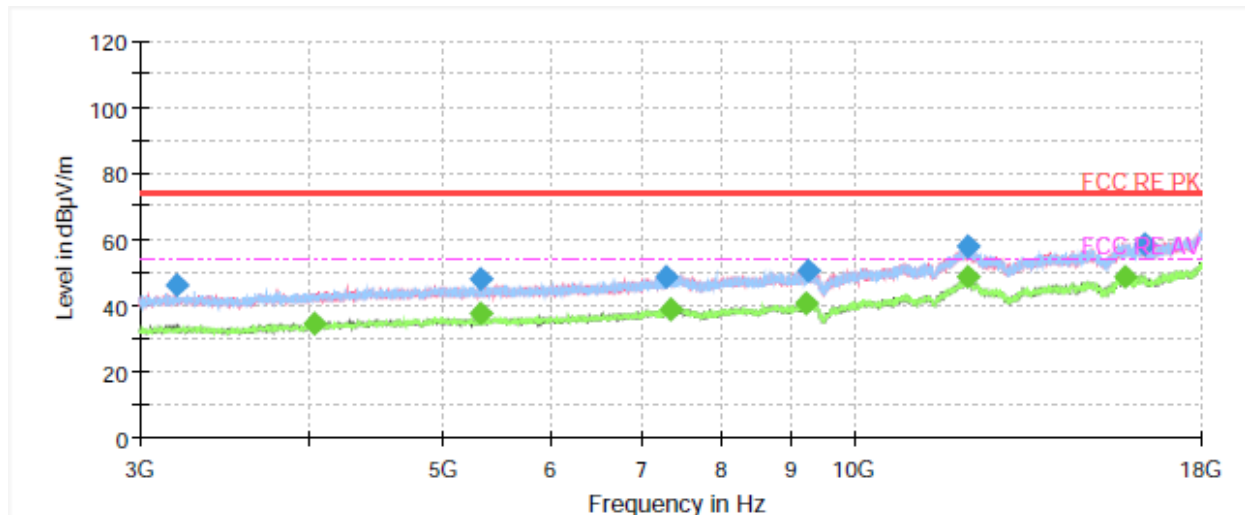
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1147.666667	47.20	---	74.00	26.80	200.0	V	76.0	-10.4
1200.533333	---	37.84	54.00	16.16	100.0	H	46.0	-10.2
1340.066667	48.22	---	74.00	25.78	100.0	H	60.0	-9.3
1402.466667	---	38.27	54.00	15.73	200.0	V	304.0	-8.8
1535.933333	48.55	---	74.00	25.45	100.0	H	40.0	-8.2
1681.600000	---	39.58	54.00	14.42	100.0	H	40.0	-7.2
1716.600000	50.01	---	74.00	23.99	100.0	H	22.0	-7.1
2067.066667	50.58	---	74.00	23.42	100.0	H	66.0	-5.5
2069.333333	---	41.22	54.00	12.78	100.0	H	22.0	-5.5
2656.733333	---	43.85	54.00	10.15	100.0	V	49.0	-3.9
2664.533333	55.39	---	74.00	18.61	100.0	V	49.0	-3.8
2951.933333	---	43.93	54.00	10.07	100.0	H	22.0	-2.8
12081.000000	57.37	---	74.00	16.63	200.0	V	38.0	6.2
12106.000000	---	48.14	54.00	5.86	100.0	V	265.0	6.3
15754.500000	---	48.65	54.00	5.35	100.0	V	99.0	6.3
15829.000000	58.87	---	74.00	15.13	200.0	V	103.0	6.3

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

802.11n (HT40) CH3



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 3GHz

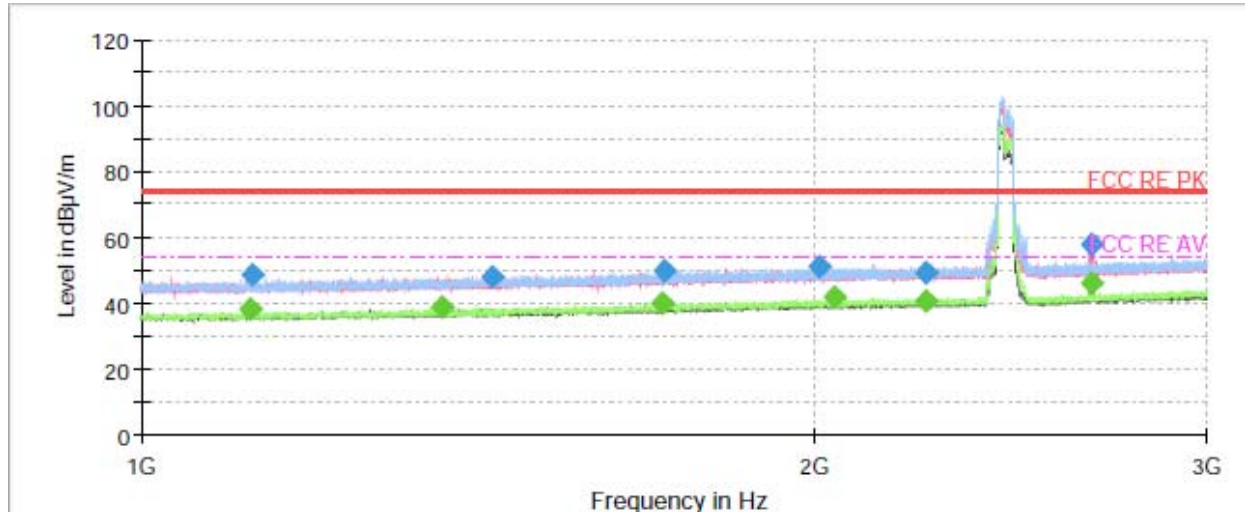


Radiates Emission from 3GHz to 18GHz

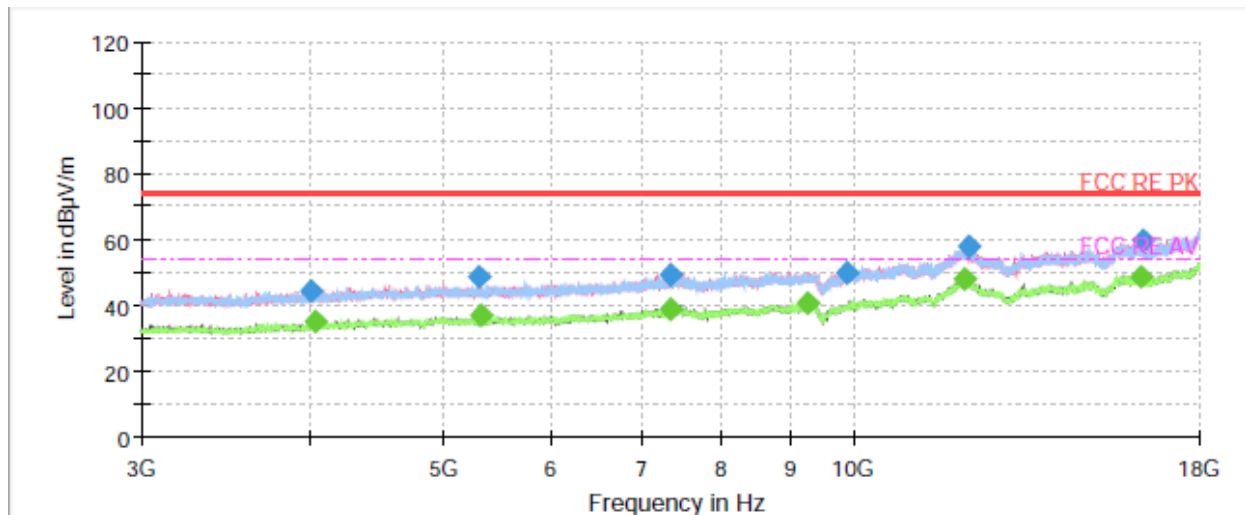
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1118.933333	---	37.91	54.00	16.09	100.0	V	157.0	-10.6
1151.933333	47.61	---	74.00	26.39	200.0	H	114.0	-10.4
1434.866667	---	38.70	54.00	15.30	200.0	H	236.0	-8.7
1437.133333	48.43	---	74.00	25.57	200.0	H	236.0	-8.7
1696.533333	49.40	---	74.00	24.60	200.0	H	262.0	-7.2
1706.466667	---	39.89	54.00	14.11	200.0	H	126.0	-7.1
2069.466667	---	41.29	54.00	12.71	200.0	H	286.0	-5.5
2078.400000	50.91	---	74.00	23.09	200.0	H	322.0	-5.4
2657.466667	---	42.77	54.00	11.23	200.0	V	114.0	-3.9
2667.666667	50.94	---	74.00	23.06	100.0	V	242.0	-3.8
2897.800000	---	44.04	54.00	9.96	200.0	H	304.0	-3.0
2995.066667	53.89	---	74.00	20.11	200.0	H	268.0	-2.7
12117.000000	57.90	---	74.00	16.10	200.0	H	276.0	6.2
12118.000000	---	48.46	54.00	5.54	100.0	V	238.0	6.2
15811.500000	---	48.75	54.00	5.25	200.0	V	63.0	6.3
16344.500000	58.50	---	74.00	15.50	100.0	V	121.0	11.6

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

802.11n (HT40) CH6



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 3GHz

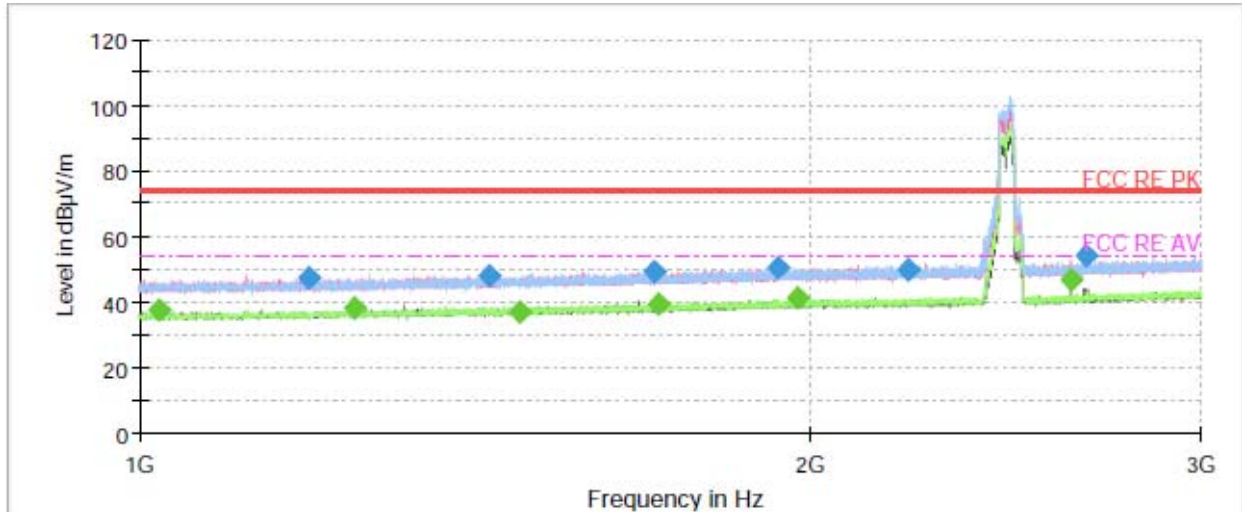


Radiates Emission from 3GHz to 18GHz

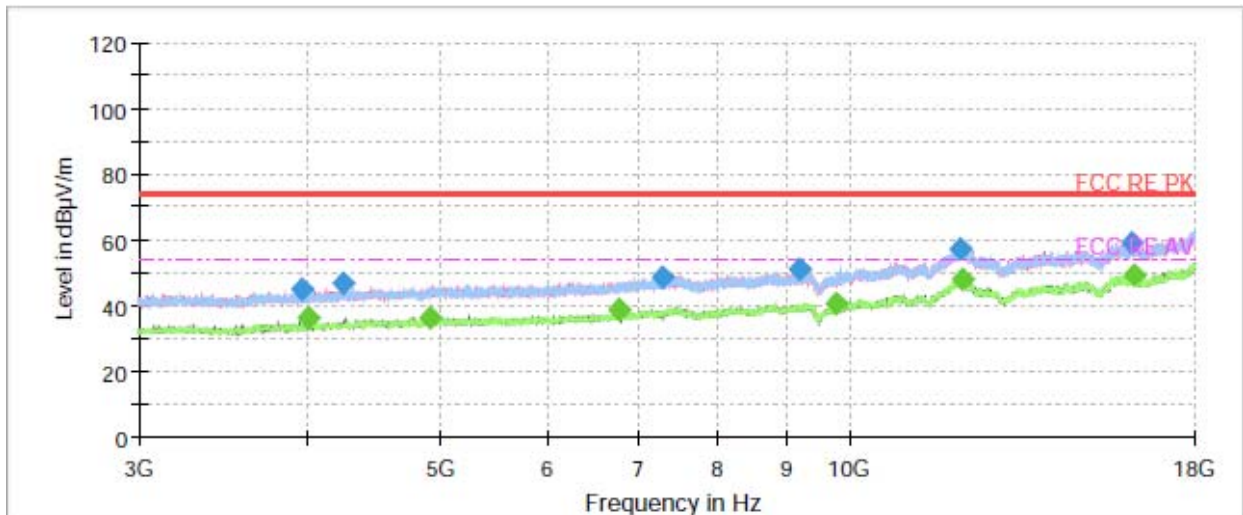
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1117.933333	---	37.99	54.00	16.01	200.0	V	158.0	-10.6
1120.533333	48.35	---	74.00	25.65	200.0	H	60.0	-10.6
1362.666667	---	38.69	54.00	15.31	200.0	H	174.0	-9.1
1434.666667	48.16	---	74.00	25.84	200.0	H	138.0	-8.7
1711.533333	---	39.81	54.00	14.19	200.0	H	270.0	-7.1
1715.600000	49.90	---	74.00	24.10	200.0	H	0.0	-7.1
2011.266667	51.34	---	74.00	22.66	200.0	H	343.0	-5.5
2040.933333	---	41.64	54.00	12.36	200.0	H	67.0	-5.5
2246.400000	49.42	---	74.00	24.58	100.0	V	250.0	-5.0
2247.200000	---	40.85	54.00	13.15	200.0	H	228.0	-5.0
2665.800000	57.59	---	74.00	16.41	200.0	V	91.0	-3.8
2665.866667	---	46.31	54.00	7.69	200.0	V	91.0	-3.8
16323.000000	---	48.47	54.00	5.53	100.0	V	212.0	11.6
16337.500000	59.44	---	74.00	14.56	200.0	H	0.0	11.6

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

802.11n (HT40) CH9



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 3GHz

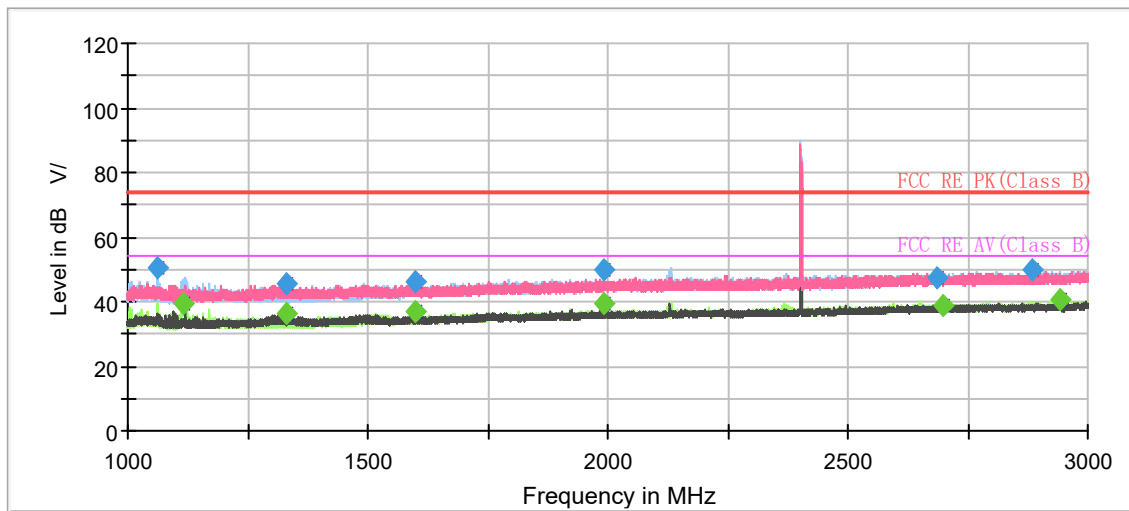


Radiates Emission from 3GHz to 18GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1021.400000	---	37.61	54.00	16.39	200.0	H	72.0	-10.8
1192.066667	47.33	---	74.00	26.67	100.0	H	192.0	-10.2
1248.800000	---	38.35	54.00	15.65	100.0	H	33.0	-9.9
1436.933333	48.16	---	74.00	25.84	100.0	H	20.0	-8.7
1480.000000	---	37.15	54.00	16.85	100.0	V	155.0	-8.4
1704.133333	49.17	---	74.00	24.83	100.0	H	33.0	-7.2
1710.600000	---	39.67	54.00	14.33	100.0	H	63.0	-7.1
1934.200000	50.52	---	74.00	23.48	100.0	H	0.0	-5.9
1974.466667	---	41.10	54.00	12.90	100.0	H	12.0	-5.7
2214.000000	49.62	---	74.00	24.38	100.0	V	266.0	-5.1
2623.266667	---	47.01	54.00	6.99	200.0	V	298.0	-4.0
2661.866667	54.39	---	74.00	19.61	200.0	V	145.0	-3.8
16174.000000	59.33	---	74.00	14.67	200.0	V	262.0	10.0
16262.000000	---	49.18	54.00	4.82	100.0	H	249.0	11.1

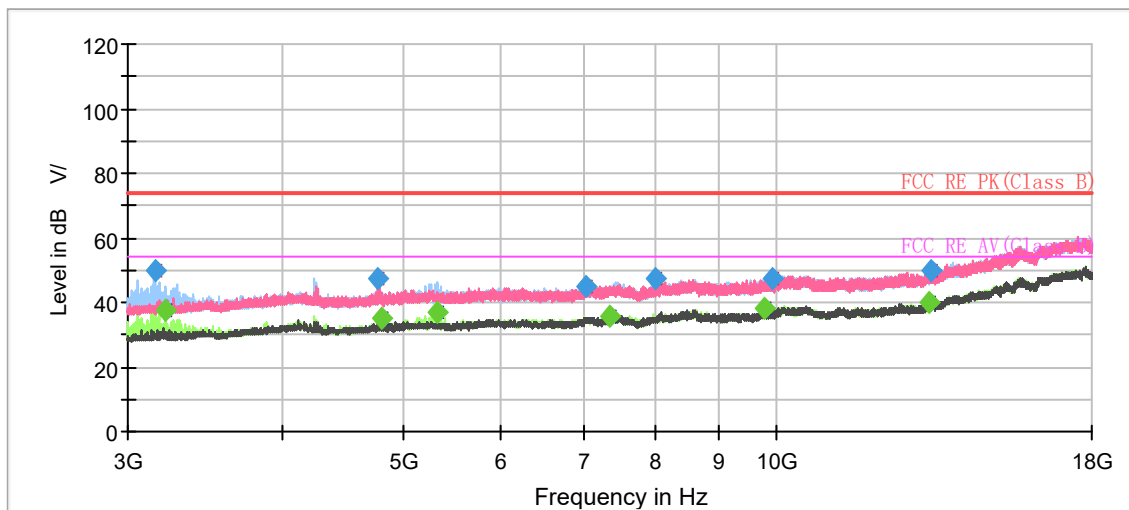
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Bluetooth LE-Channel 0



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

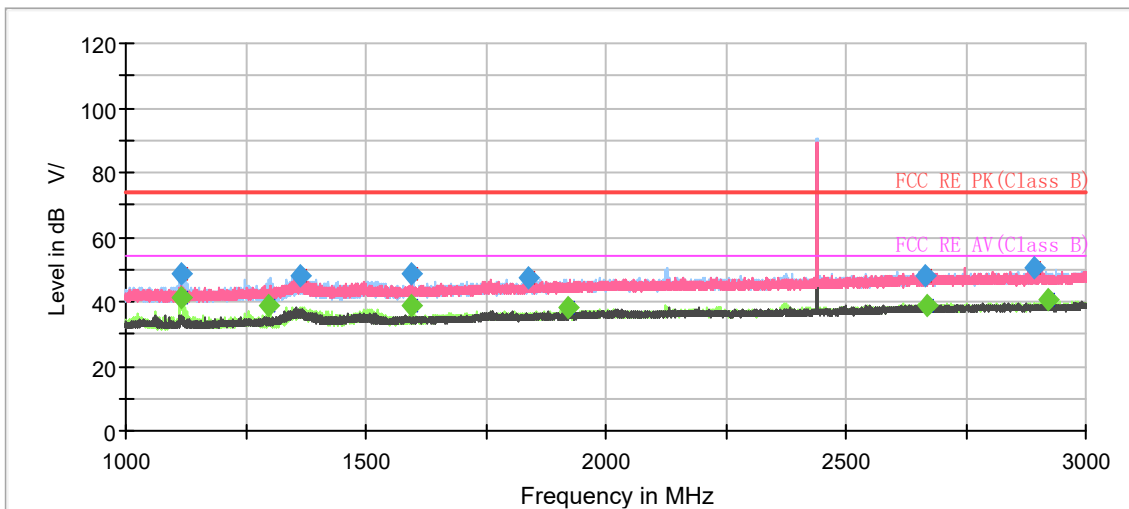


Radiates Emission from 3GHz to 18GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1062.933333	50.16	---	74.00	23.84	100.0	H	76.0	-8.0
1115.800000	---	39.58	54.00	14.42	100.0	H	83.0	-7.7
1331.800000	45.62	---	74.00	28.38	100.0	H	97.0	-6.6
1331.800000	---	36.22	54.00	17.78	100.0	H	97.0	-6.6
1597.466667	---	37.07	54.00	16.93	200.0	H	5.0	-5.1
1599.000000	46.43	---	74.00	27.57	100.0	H	145.0	-5.0
1992.400000	49.65	---	74.00	24.35	100.0	H	111.0	-2.7
1993.000000	---	39.19	54.00	14.81	100.0	H	111.0	-2.7
2687.200000	47.69	---	74.00	26.31	100.0	H	251.0	0.5
2698.066667	---	38.71	54.00	15.29	200.0	H	118.0	0.5
2884.066667	49.72	---	74.00	24.28	200.0	V	89.0	1.2
2940.333333	---	40.68	54.00	13.32	100.0	H	54.0	1.4

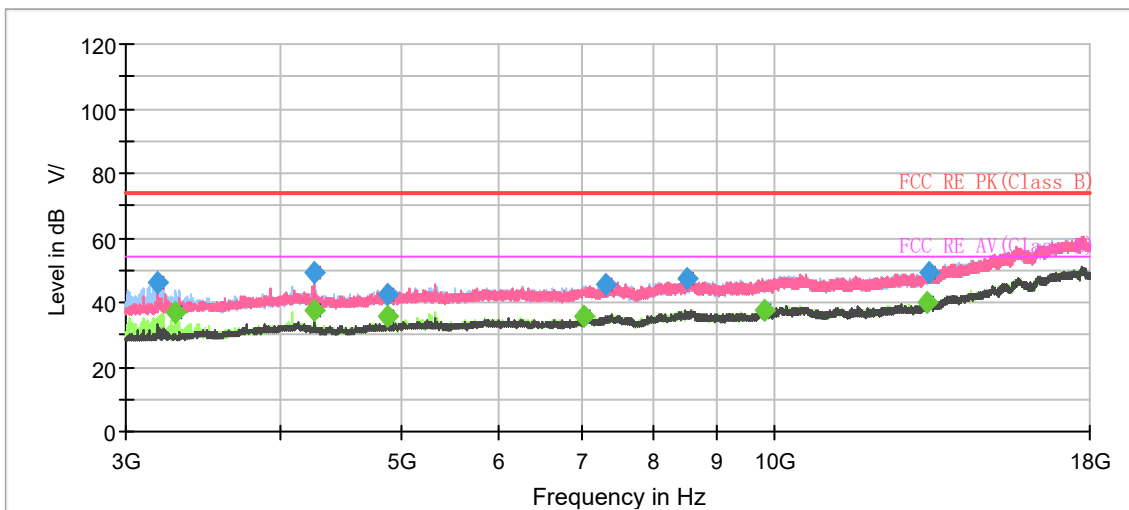
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Bluetooth LE-Channel 19



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz



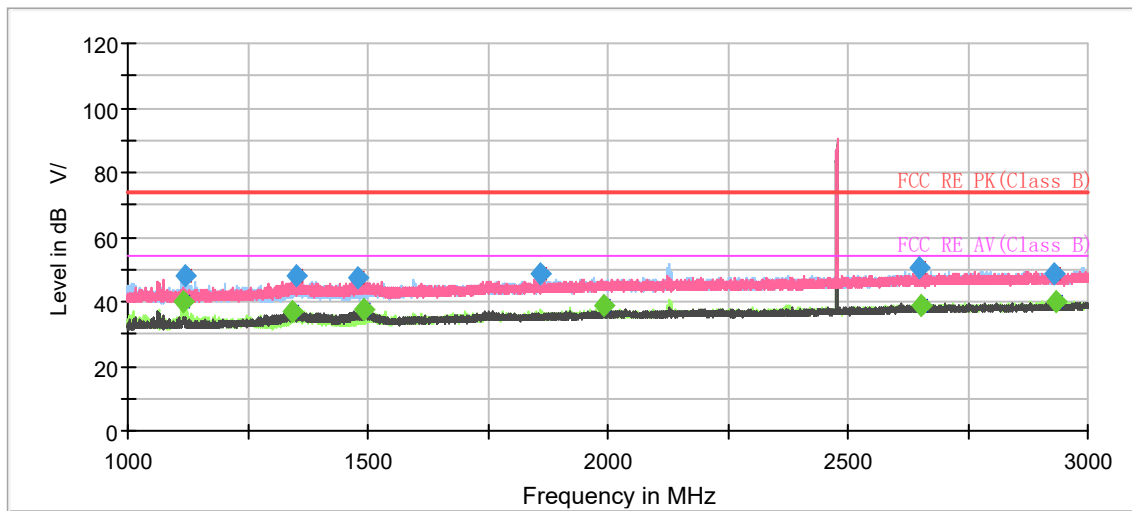
Radiates Emission from 3GHz to 18GHz



Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1115.133333	48.82	---	74.00	25.18	100.0	H	90.0	-7.7
1116.800000	---	41.24	54.00	12.76	100.0	H	83.0	-7.7
1296.666667	---	38.66	54.00	15.34	100.0	H	90.0	-6.8
1363.866667	48.10	---	74.00	25.90	100.0	H	90.0	-6.4
1593.600000	48.78	---	74.00	25.22	100.0	H	75.0	-5.1
1593.800000	---	38.58	54.00	15.42	100.0	H	145.0	-5.1
1839.466667	47.20	---	74.00	26.80	100.0	H	105.0	-3.6
1920.000000	---	37.87	54.00	16.13	100.0	H	249.0	-3.2
2665.266667	47.77	---	74.00	26.23	200.0	H	93.0	0.4
2669.666667	---	38.49	54.00	15.51	200.0	H	172.0	0.4
2892.666667	50.40	---	74.00	23.60	100.0	H	316.0	1.2
2922.466667	---	40.32	54.00	13.68	100.0	H	19.0	1.3

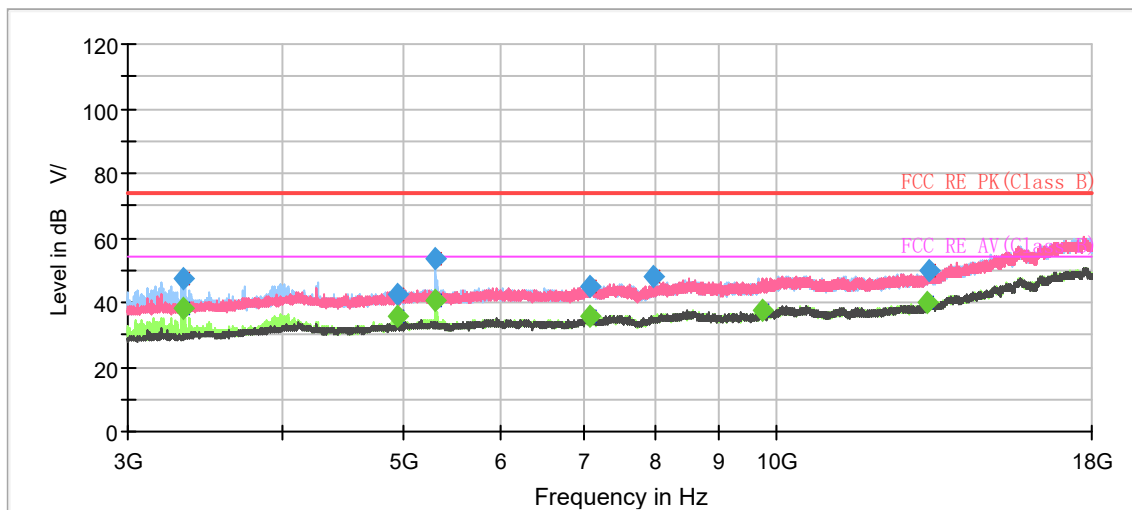
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Bluetooth LE-Channel 39



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz



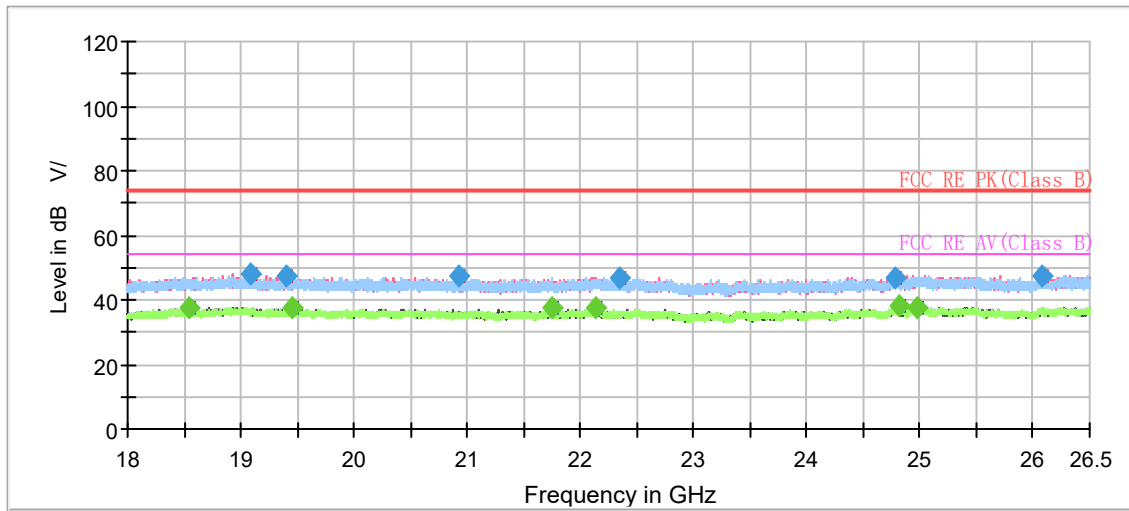
Radiates Emission from 3GHz to 18GHz



Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1117.000000	---	40.19	54.00	13.81	100.0	H	109.0	-7.7
1117.933333	48.14	---	74.00	25.86	100.0	H	95.0	-7.7
1344.466667	---	37.12	54.00	16.88	100.0	H	102.0	-6.5
1349.800000	47.85	---	74.00	26.15	100.0	H	109.0	-6.5
1480.533333	47.64	---	74.00	26.36	100.0	V	347.0	-5.7
1490.400000	---	37.29	54.00	16.71	100.0	V	0.0	-5.6
1857.866667	48.83	---	74.00	25.17	100.0	H	59.0	-3.5
1992.333333	---	38.47	54.00	15.53	100.0	H	44.0	-2.7
2650.133333	50.29	---	74.00	23.71	100.0	H	124.0	0.3
2653.000000	---	38.81	54.00	15.19	100.0	H	124.0	0.4
2931.666667	48.34	---	74.00	25.66	200.0	H	218.0	1.4
2933.933333	---	40.28	54.00	13.72	100.0	H	290.0	1.4

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

During the test, the Radiates Emission from 18GHz to 26.5GHz was performed in all modes with all channels, 802.11g, Channel 6 are selected as the worst condition. The test data of the worst-case condition was recorded in this report.

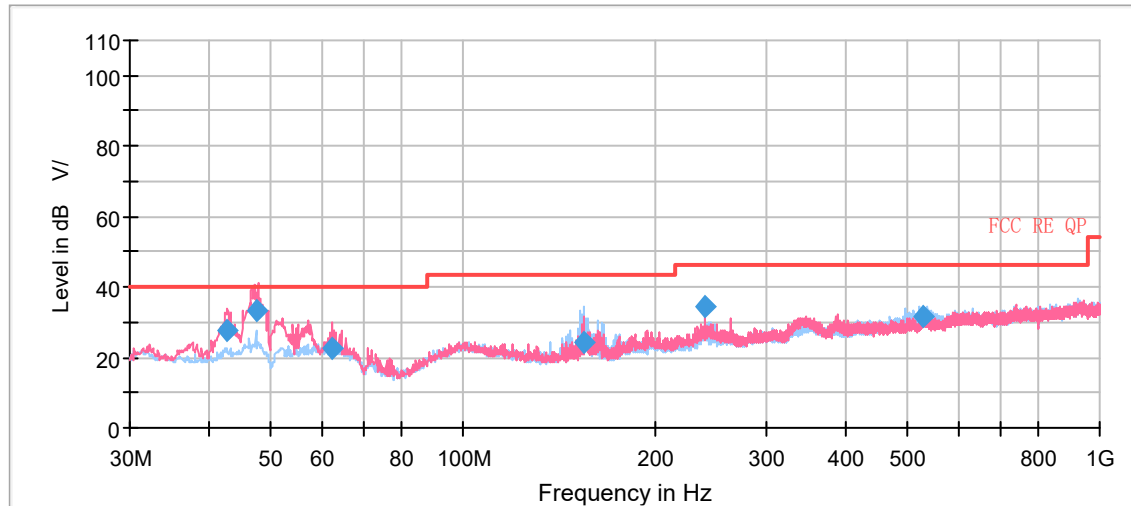


Radiates Emission from 18GHz to 26.5GHz

Antenna 4

During the test, the Radiates Emission from 30MHz to 1GHz was performed in all modes with all channels, 802.11g, Channel 6 are selected as the worst condition. The test data of the worst-case condition was recorded in this report.

Continuous TX mode:



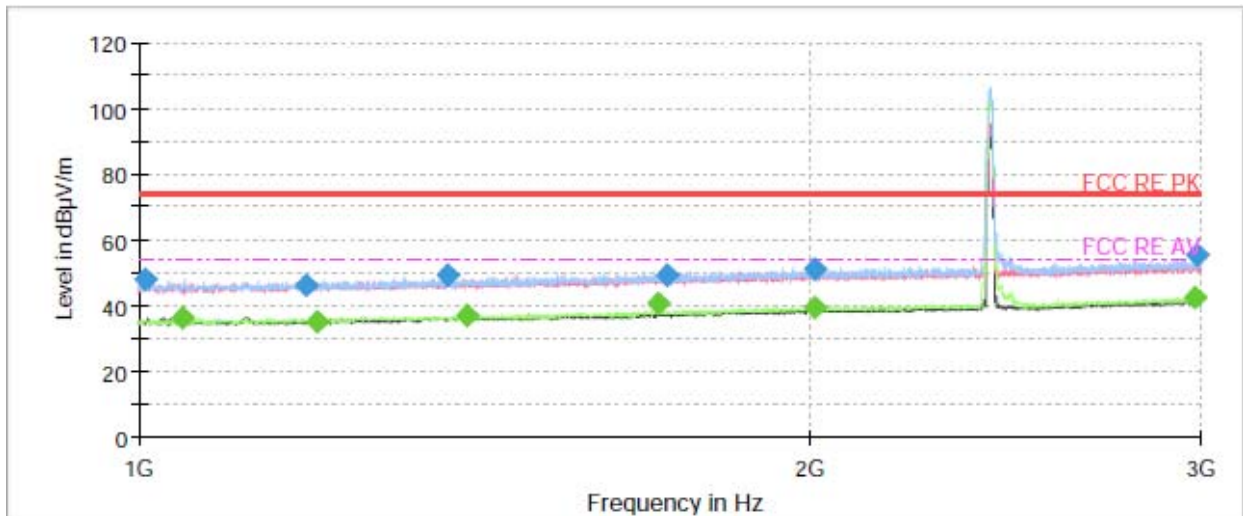
Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
42.730000	27.52	100.0	V	345.0	-5.4	12.48	40.00
47.462500	33.37	100.0	V	0.0	-5.0	6.63	40.00
62.372500	22.40	100.0	V	1.0	-6.1	17.60	40.00
155.207000	24.48	184.0	H	261.0	-9.5	19.02	43.50
240.005000	34.48	110.0	H	291.0	-4.6	11.52	46.00
528.246000	31.33	109.0	H	89.0	0.8	14.67	46.00

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

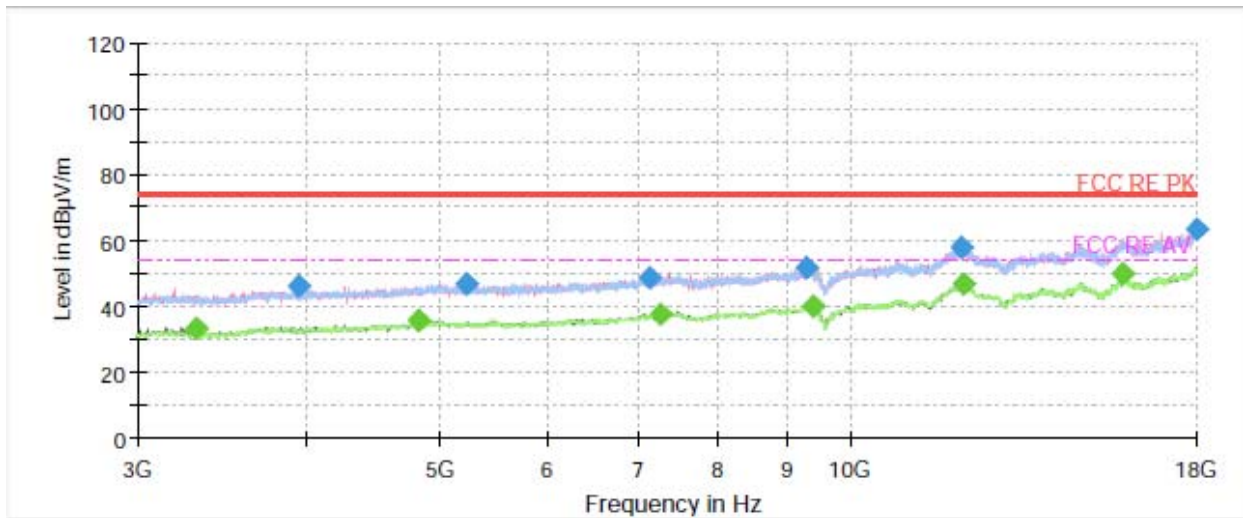
2. Margin = Limit – Quasi-Peak

802.11b CH1



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

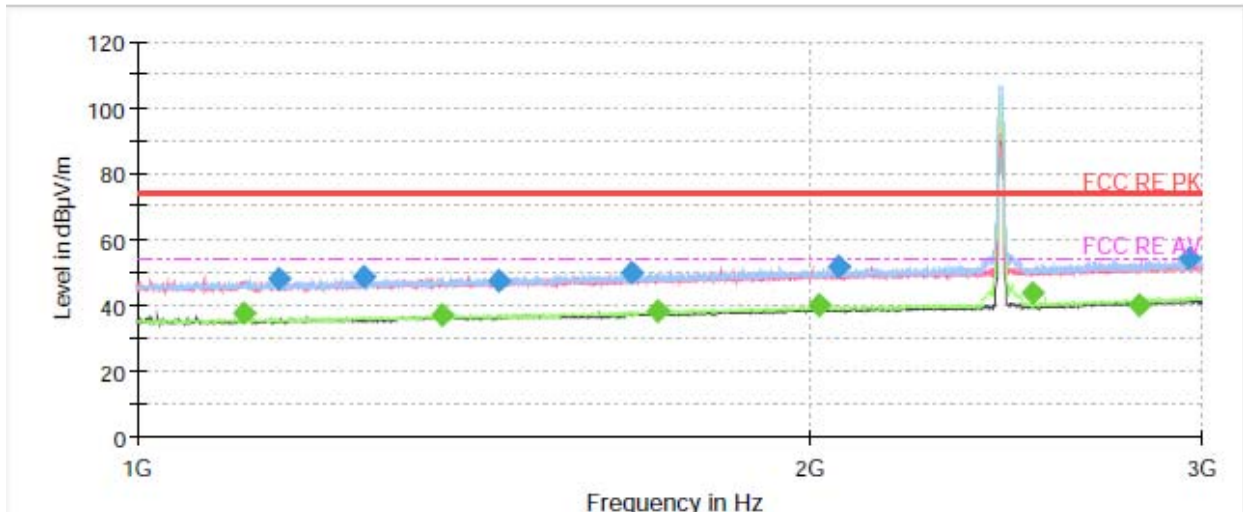


Radiates Emission from 3GHz to 18GHz

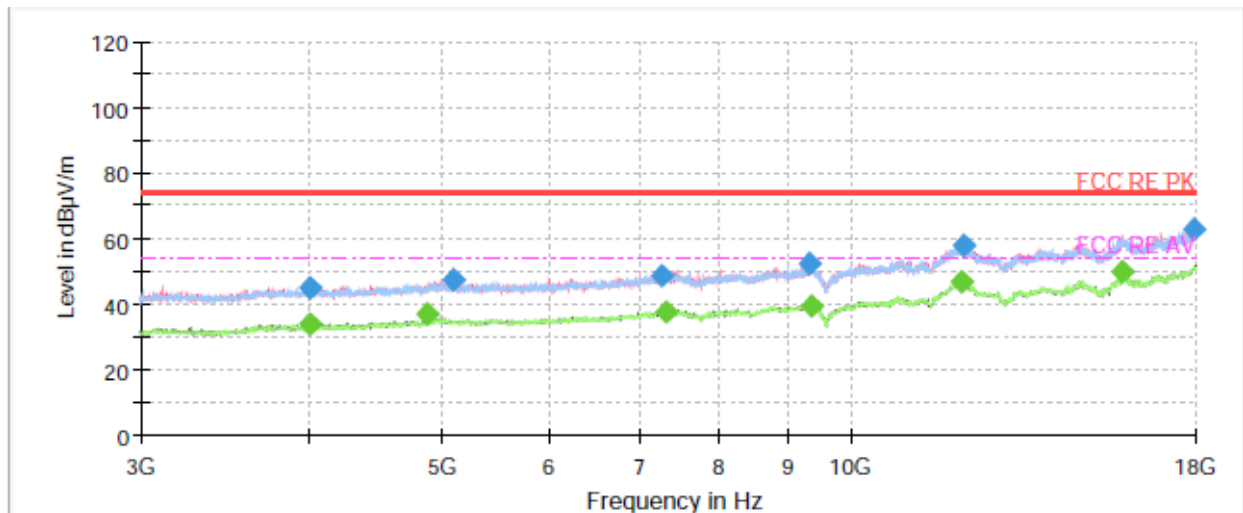
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1007.500000	48.30	---	74.00	25.70	100.0	V	188.0	-10.7
1045.500000	---	36.40	54.00	17.60	100.0	V	184.0	-10.8
1190.000000	46.39	---	74.00	27.61	200.0	V	105.0	-10.2
1201.250000	---	35.21	54.00	18.79	100.0	V	307.0	-10.2
1376.000000	49.02	---	74.00	24.98	200.0	H	175.0	-9.1
1403.750000	---	37.09	54.00	16.91	100.0	H	41.0	-8.8
1711.750000	---	40.64	54.00	13.36	200.0	V	356.0	-7.1
1725.750000	49.25	---	74.00	24.75	100.0	V	338.0	-7.0
2012.500000	---	39.40	54.00	14.60	100.0	H	88.0	-5.5
2013.250000	51.31	---	74.00	22.69	100.0	H	84.0	-5.5
2979.250000	---	42.54	54.00	11.46	200.0	H	282.0	-2.7
2989.500000	55.50	---	74.00	18.50	200.0	H	298.0	-2.7
15896.250000	---	49.55	54.00	4.45	200.0	V	66.0	7.4
17968.125000	63.37	---	74.00	10.63	100.0	H	307.0	7.4

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

802.11b CH6



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 3GHz

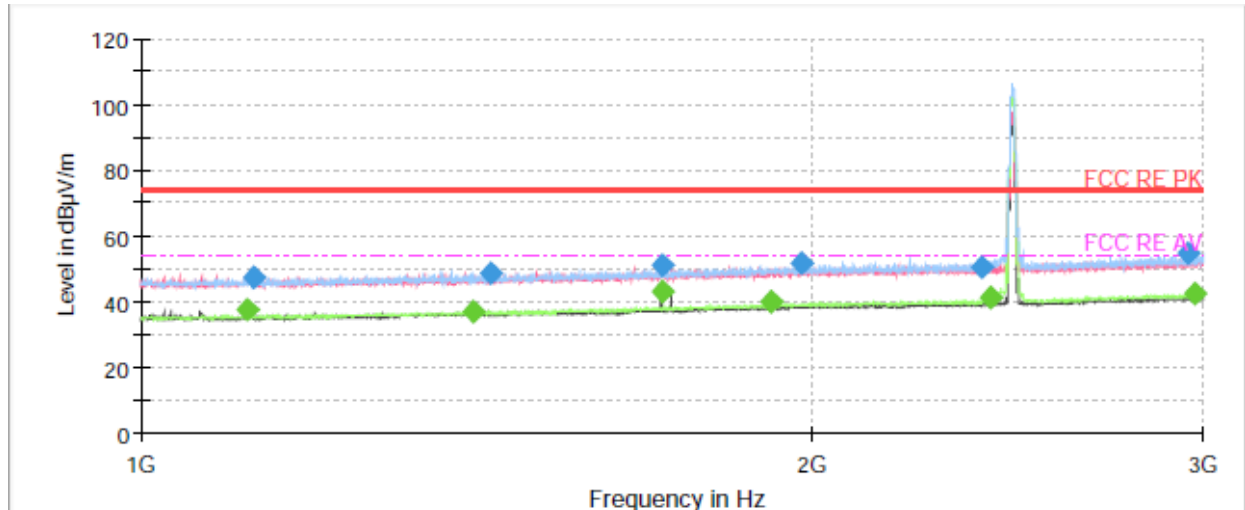


Radiates Emission from 3GHz to 18GHz

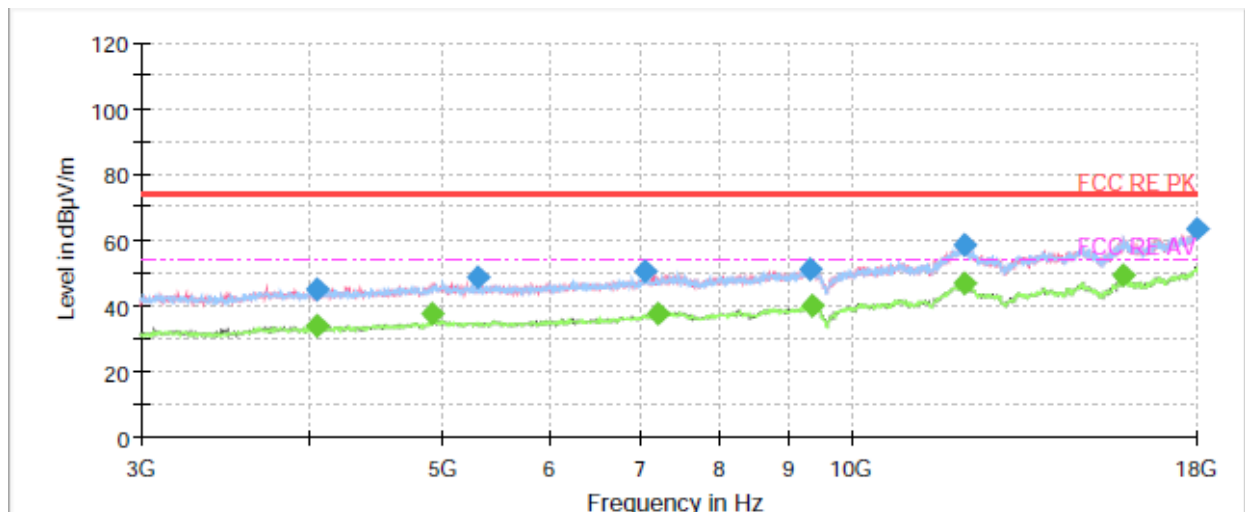
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1116.500000	---	37.51	54.00	16.49	100.0	V	163.0	-10.6
1158.000000	47.96	---	74.00	26.04	200.0	H	352.0	-10.4
1263.000000	48.50	---	74.00	25.50	100.0	H	84.0	-9.8
1370.500000	---	36.90	54.00	17.10	200.0	H	109.0	-9.1
1452.750000	47.31	---	74.00	26.69	100.0	V	250.0	-8.6
1665.250000	49.79	---	74.00	24.21	200.0	H	184.0	-7.3
1711.250000	---	38.16	54.00	15.84	100.0	H	112.0	-7.1
2019.000000	---	39.76	54.00	14.24	100.0	H	100.0	-5.5
2059.500000	51.41	---	74.00	22.59	100.0	H	116.0	-5.5
2519.250000	---	43.42	54.00	10.58	100.0	H	335.0	-4.4
2808.500000	---	40.26	54.00	13.74	100.0	V	333.0	-3.3
2962.500000	54.06	---	74.00	19.94	200.0	H	348.0	-2.7
15896.250000	---	49.67	54.00	4.33	100.0	V	343.0	6.7
17923.125000	62.66	---	74.00	11.34	100.0	H	57.0	7.1

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

802.11b CH11



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 3GHz

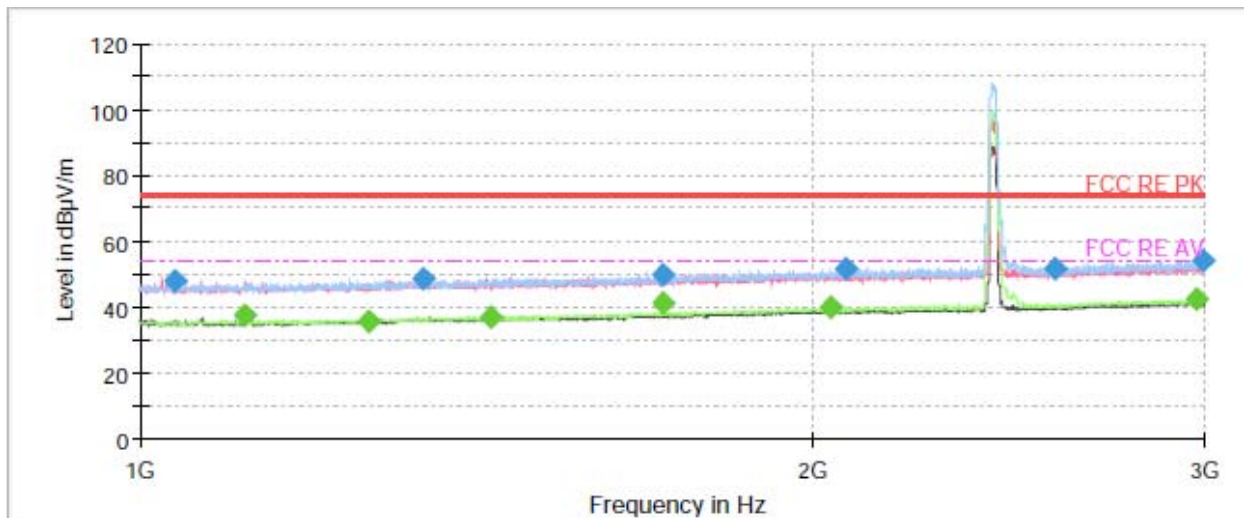


Radiates Emission from 3GHz to 18GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1117.000000	---	37.37	54.00	16.63	100.0	V	174.0	-10.6
1123.000000	47.59	---	74.00	26.41	100.0	V	276.0	-10.6
1411.500000	---	37.11	54.00	16.89	200.0	H	67.0	-8.8
1434.750000	48.79	---	74.00	25.21	200.0	H	285.0	-8.7
1713.250000	51.09	---	74.00	22.91	200.0	V	194.0	-7.1
1714.000000	---	43.05	54.00	10.95	200.0	V	194.0	-7.1
1920.000000	---	39.86	54.00	14.14	100.0	H	134.0	-6.0
1980.750000	51.74	---	74.00	22.26	200.0	H	357.0	-5.7
2386.750000	50.17	---	74.00	23.83	200.0	H	245.0	-4.6
2408.750000	---	41.05	54.00	12.95	100.0	H	71.0	-4.7
2956.250000	54.67	---	74.00	19.33	200.0	H	79.0	-2.8
2972.750000	---	42.44	54.00	11.56	200.0	H	345.0	-2.7
15892.500000	---	49.34	54.00	4.66	100.0	V	318.0	6.7
17968.125000	63.26	---	74.00	10.74	200.0	V	188.0	7.4

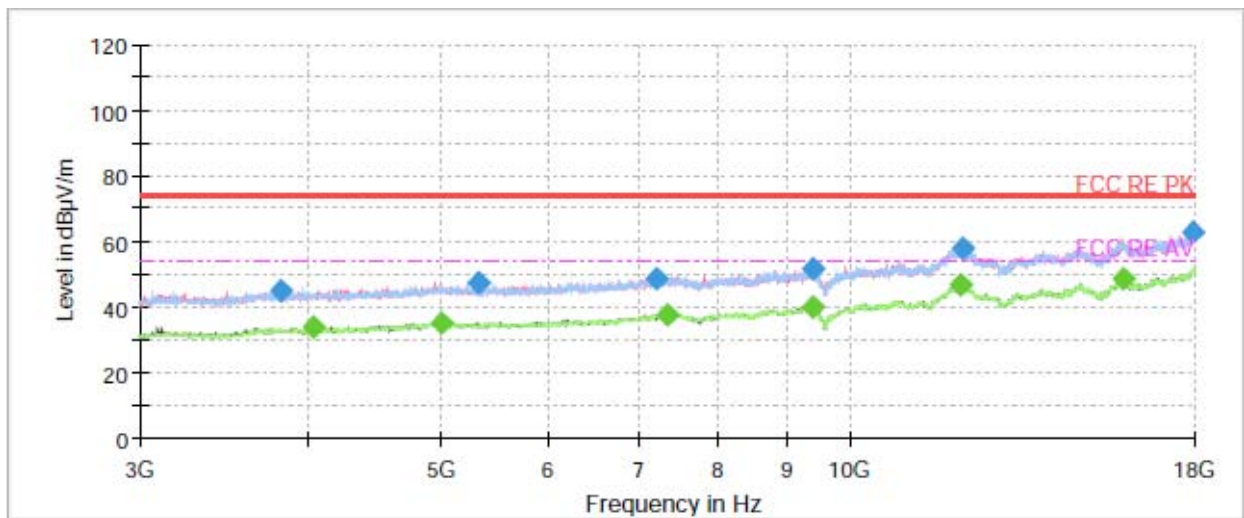
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

802.11g CH1



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

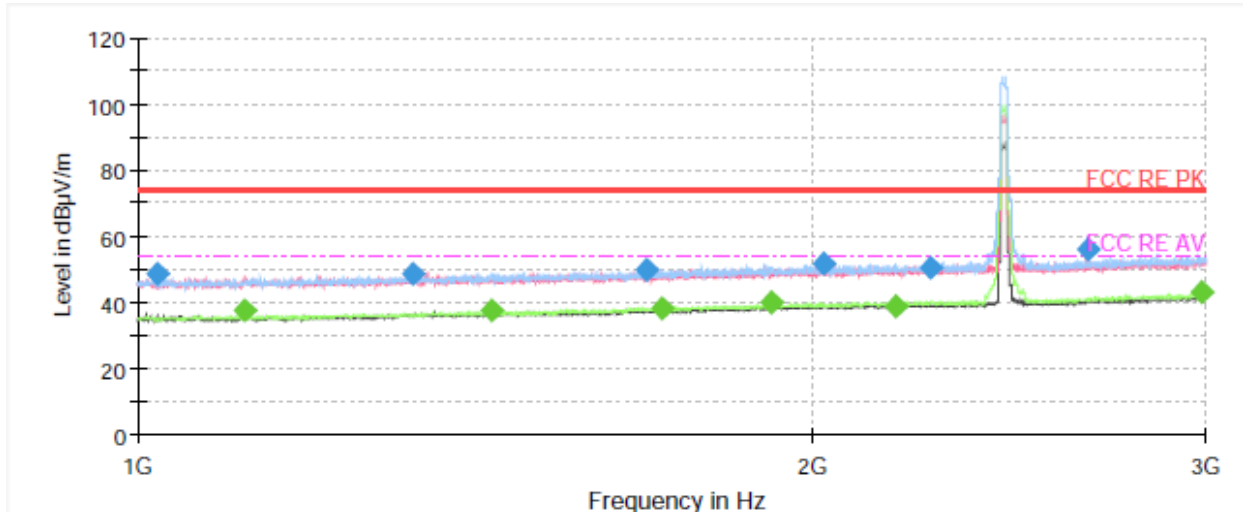


Radiates Emission from 3GHz to 18GHz

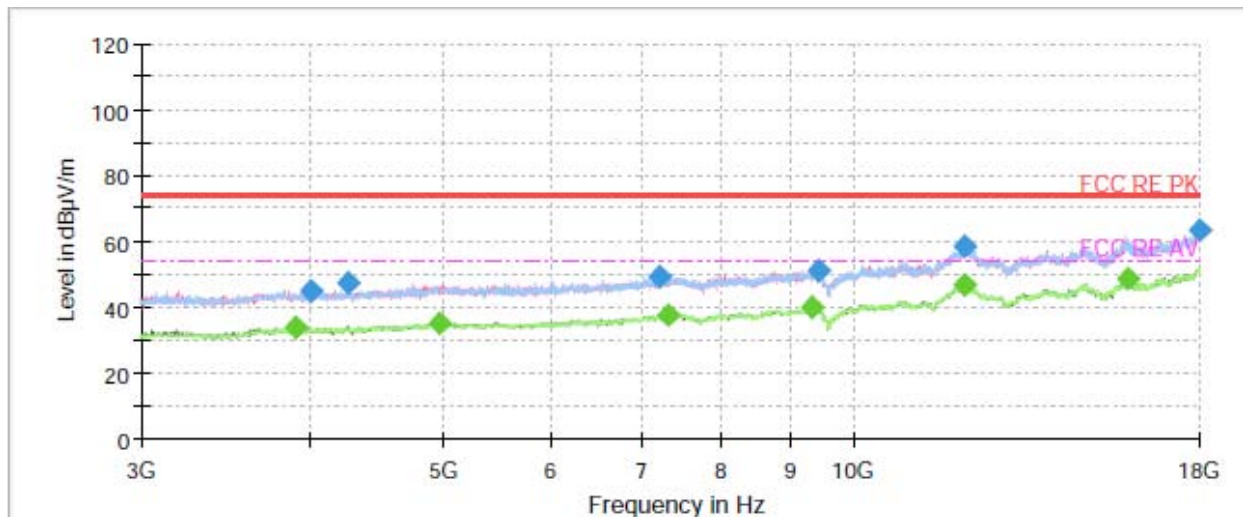
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1037.500000	48.25	---	74.00	25.75	100.0	V	222.0	-10.8
1114.750000	---	37.27	54.00	16.73	100.0	V	166.0	-10.6
1267.000000	---	35.93	54.00	18.07	200.0	H	284.0	-9.8
1339.250000	48.58	---	74.00	25.42	100.0	H	166.0	-9.3
1436.250000	---	37.16	54.00	16.84	100.0	H	76.0	-8.7
1713.500000	---	41.52	54.00	12.48	100.0	H	326.0	-7.1
1713.750000	49.79	---	74.00	24.21	100.0	H	326.0	-7.1
2037.000000	---	39.96	54.00	14.04	100.0	H	158.0	-5.5
2072.500000	51.75	---	74.00	22.25	200.0	H	170.0	-5.4
2569.250000	51.51	---	74.00	22.49	100.0	H	178.0	-4.3
2976.250000	---	42.49	54.00	11.51	200.0	H	327.0	-2.7
2990.750000	54.36	---	74.00	19.64	100.0	H	150.0	-2.7
15920.625000	---	48.44	54.00	5.56	100.0	H	324.0	6.8
17949.375000	63.05	---	74.00	10.95	100.0	V	139.0	7.4

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

802.11g CH6



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 3GHz

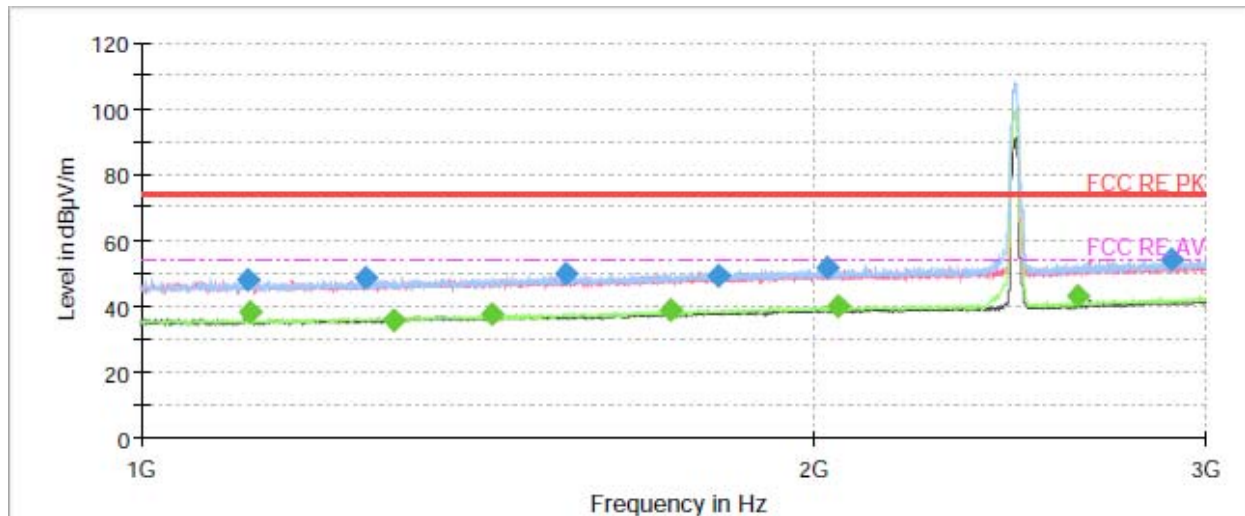


Radiates Emission from 3GHz to 18GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1020.500000	48.32	---	74.00	25.68	100.0	V	192.0	-10.8
1115.250000	---	37.32	54.00	16.68	100.0	V	172.0	-10.6
1328.000000	48.83	---	74.00	25.17	200.0	H	318.0	-9.4
1437.500000	---	37.33	54.00	16.67	100.0	H	158.0	-8.7
1688.750000	49.82	---	74.00	24.18	200.0	H	138.0	-7.2
1714.500000	---	38.38	54.00	15.62	100.0	H	142.0	-7.1
1920.500000	---	39.73	54.00	14.27	100.0	H	10.0	-6.0
2023.250000	51.49	---	74.00	22.51	200.0	V	115.0	-5.5
2179.750000	---	38.63	54.00	15.37	100.0	V	283.0	-5.2
2259.750000	50.36	---	74.00	23.64	200.0	V	166.0	-4.9
2655.250000	56.22	---	74.00	17.78	200.0	V	95.0	-3.9
2985.000000	---	42.79	54.00	11.21	200.0	H	295.0	-2.7
15909.375000	---	48.81	54.00	5.19	100.0	H	218.0	6.8
17970.000000	63.20	---	74.00	10.80	100.0	V	233.0	7.5

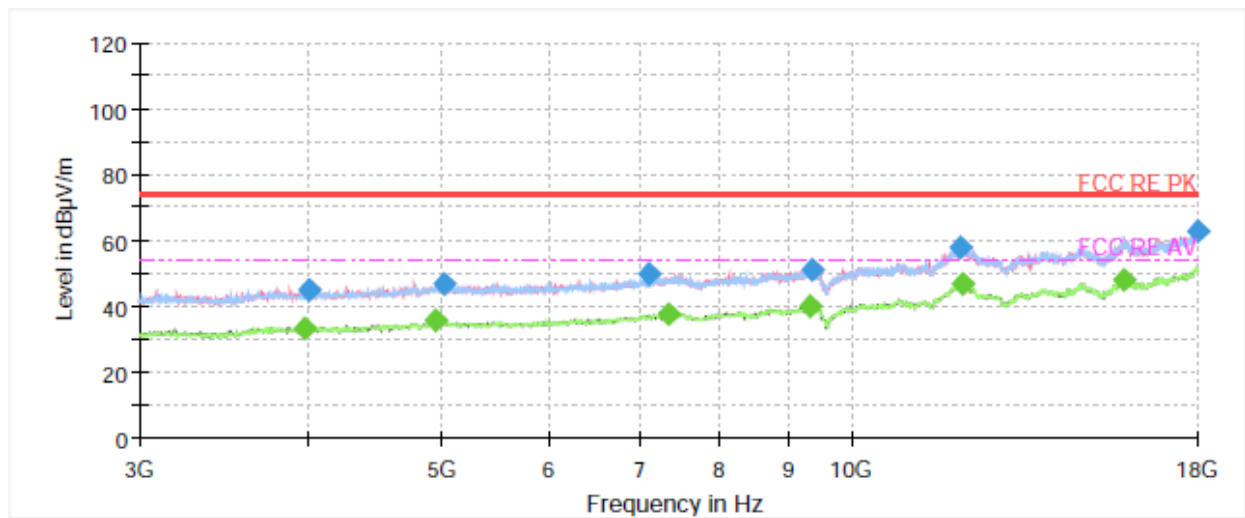
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

802.11g CH11



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz



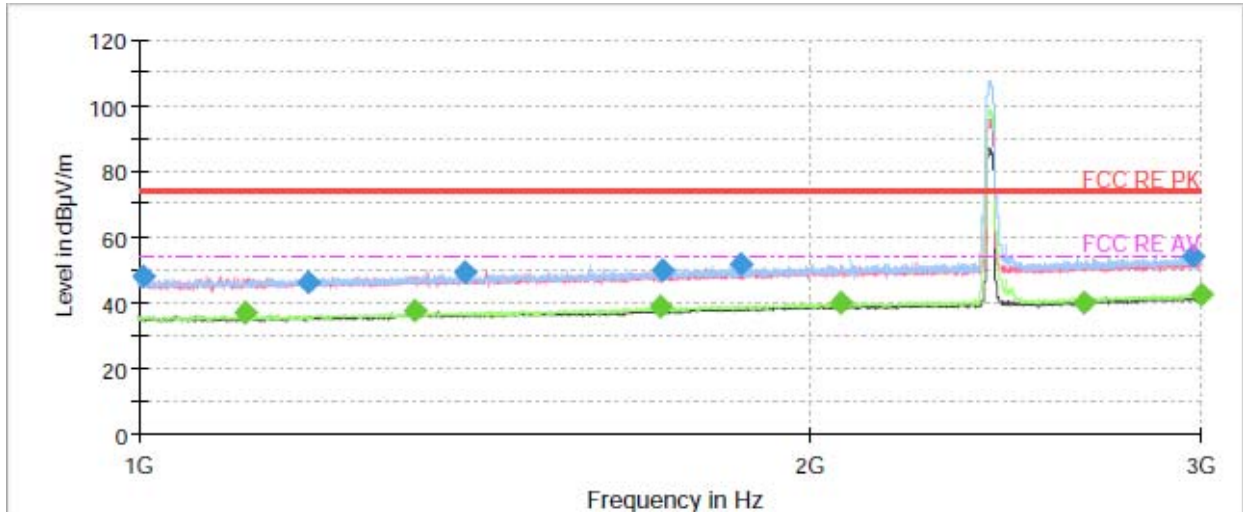
Radiates Emission from 3GHz to 18GHz



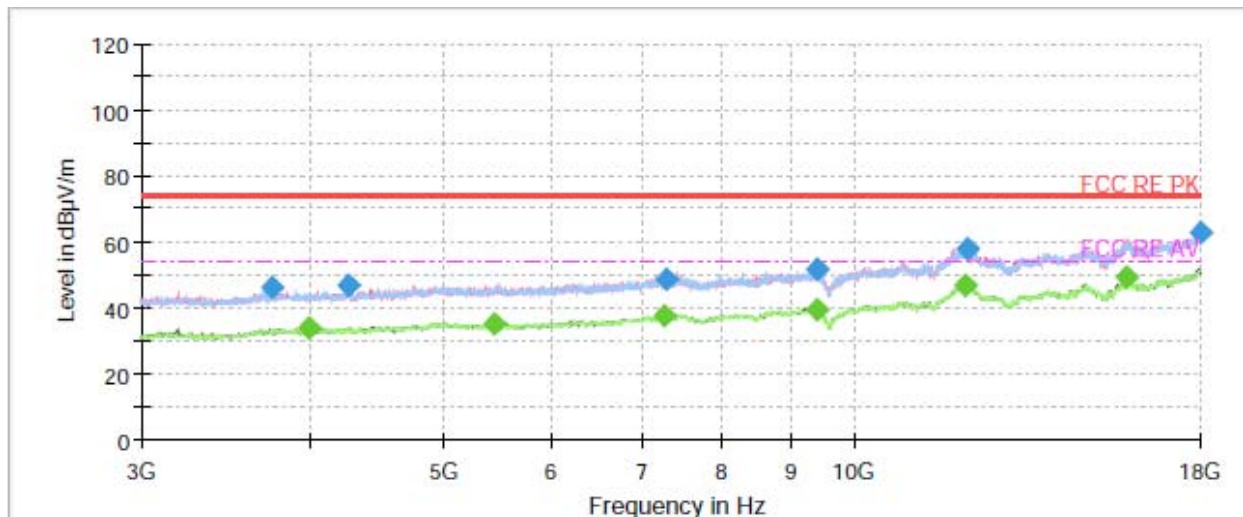
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1116.750000	47.95	---	74.00	26.05	100.0	V	176.0	-10.6
1118.250000	---	38.16	54.00	15.84	100.0	V	168.0	-10.6
1260.000000	48.66	---	74.00	25.34	100.0	H	148.0	-9.8
1297.750000	---	35.96	54.00	18.04	100.0	H	144.0	-9.6
1434.500000	---	37.26	54.00	16.74	200.0	H	302.0	-8.7
1549.750000	50.03	---	74.00	23.97	100.0	H	204.0	-8.1
1726.000000	---	38.58	54.00	15.42	200.0	H	325.0	-7.0
1812.500000	49.28	---	74.00	24.72	100.0	H	12.0	-6.5
2028.250000	51.61	---	74.00	22.39	200.0	H	120.0	-5.5
2050.000000	---	40.09	54.00	13.91	200.0	H	337.0	-5.5
2629.750000	---	43.09	54.00	10.91	100.0	H	12.0	-4.0
2895.000000	54.29	---	74.00	19.71	200.0	H	171.0	-3.0
15881.250000	---	48.24	54.00	5.76	100.0	V	239.0	6.6
17977.500000	62.86	---	74.00	11.14	100.0	H	285.0	7.5

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

802.11n (HT20) CH1



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 3GHz

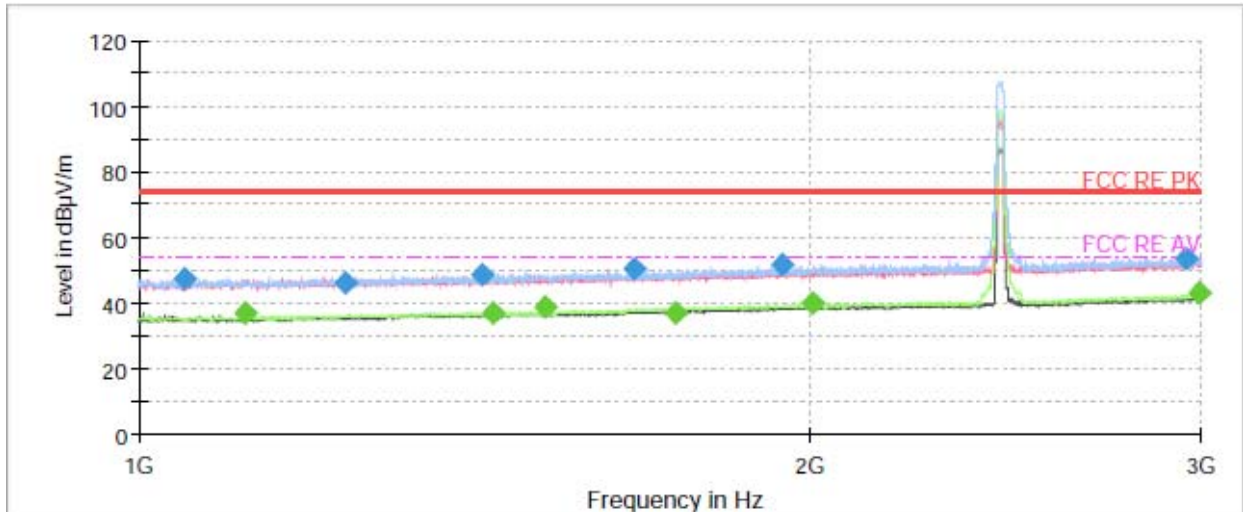


Radiates Emission from 3GHz to 18GHz

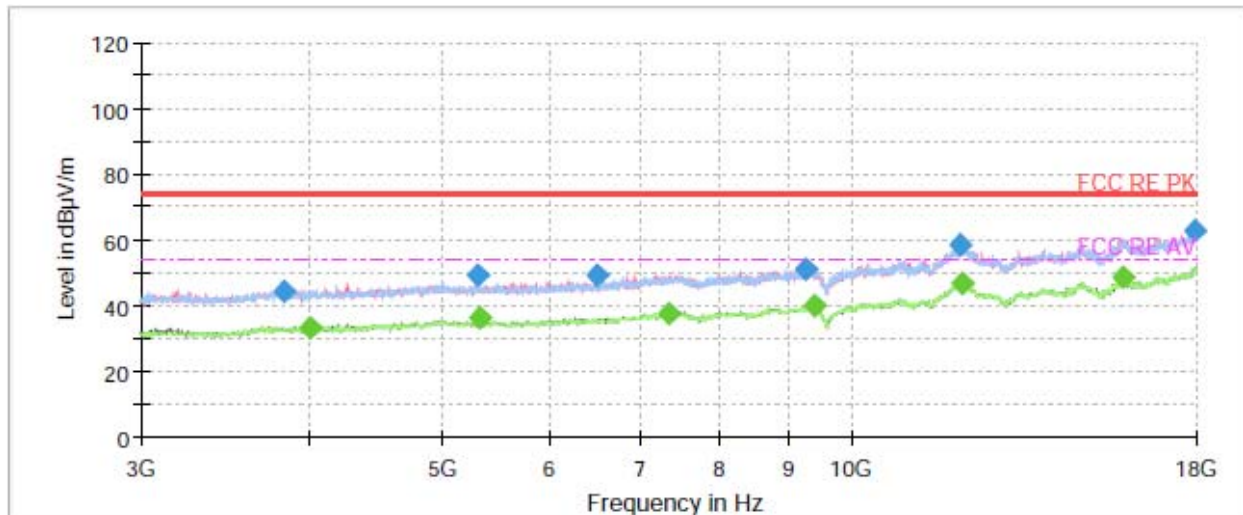
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1005.500000	48.21	---	74.00	25.79	100.0	V	228.0	-10.8
1115.500000	---	36.95	54.00	17.05	100.0	V	180.0	-10.6
1190.750000	46.11	---	74.00	27.89	200.0	V	152.0	-10.2
1328.750000	---	37.31	54.00	16.69	100.0	V	149.0	-9.4
1399.750000	48.95	---	74.00	25.05	100.0	H	3.0	-8.9
1715.750000	---	38.54	54.00	15.46	200.0	H	349.0	-7.1
1719.750000	49.88	---	74.00	24.12	100.0	H	71.0	-7.0
1861.500000	51.39	---	74.00	22.61	200.0	H	349.0	-6.3
2064.000000	---	39.80	54.00	14.20	200.0	H	297.0	-5.5
2654.750000	---	39.74	54.00	14.26	100.0	V	176.0	-3.9
2976.500000	54.29	---	74.00	19.71	100.0	H	158.0	-2.7
3000.000000	---	42.57	54.00	11.43	200.0	H	62.0	-2.7
15903.750000	---	49.49	54.00	4.51	100.0	H	81.0	6.7
17986.875000	62.72	---	74.00	11.28	200.0	V	45.0	7.5

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

802.11n (HT20) CH6



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 3GHz

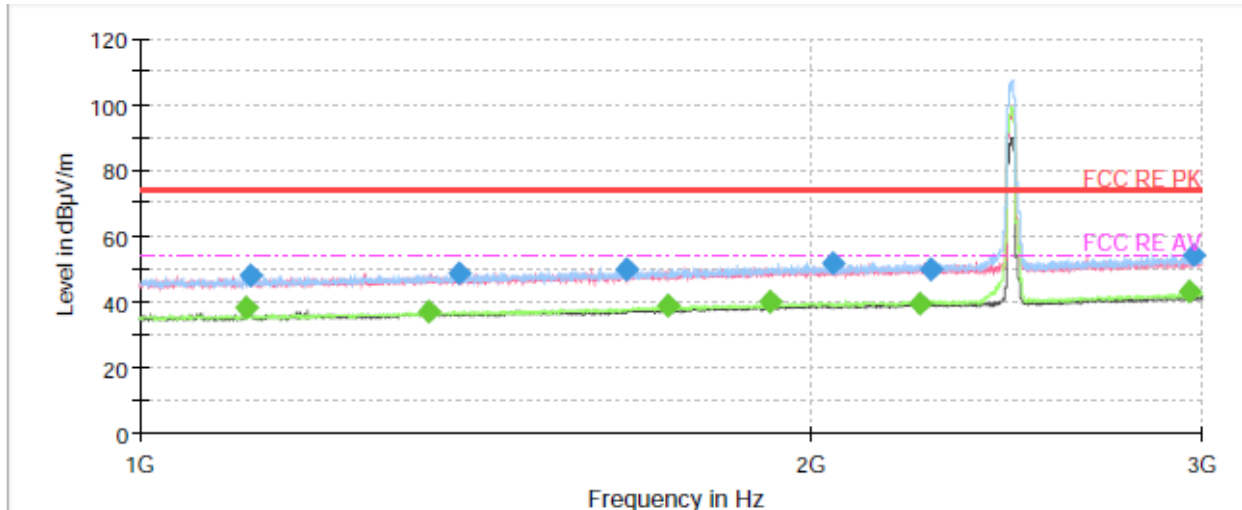


Radiates Emission from 3GHz to 18GHz

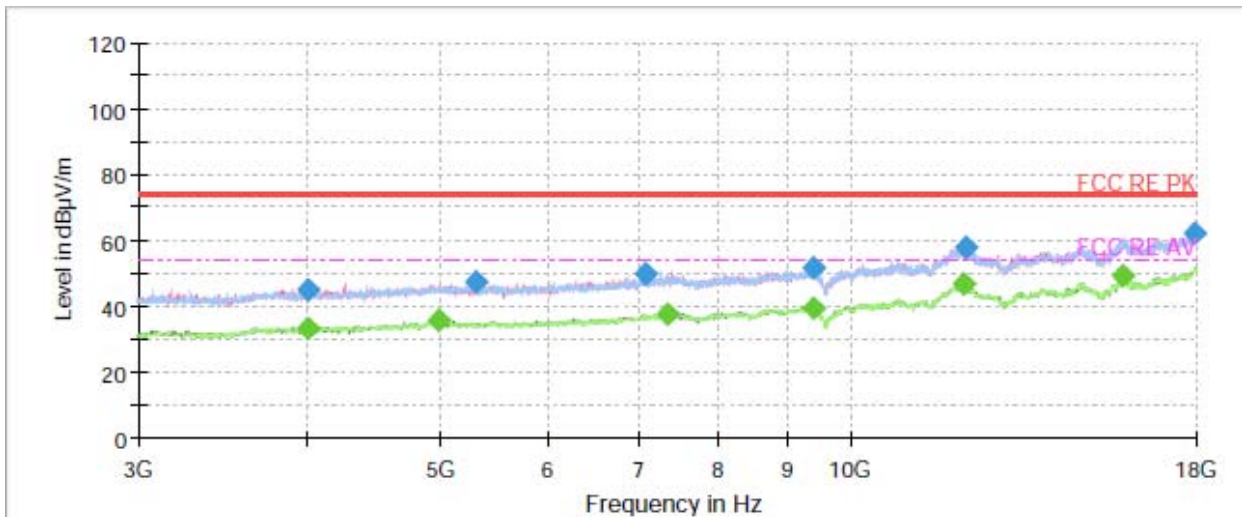
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1047.500000	47.65	---	74.00	26.35	200.0	V	111.0	-10.8
1117.000000	---	37.08	54.00	16.92	100.0	V	171.0	-10.6
1238.750000	46.15	---	74.00	27.85	200.0	V	232.0	-9.9
1425.000000	48.46	---	74.00	25.54	200.0	H	0.0	-8.8
1441.750000	---	37.21	54.00	16.79	100.0	H	124.0	-8.7
1522.000000	---	38.91	54.00	15.09	100.0	V	52.0	-8.2
1670.000000	50.71	---	74.00	23.29	100.0	H	1.0	-7.3
1741.750000	---	37.16	54.00	16.84	100.0	V	0.0	-7.0
1943.000000	51.73	---	74.00	22.27	100.0	H	59.0	-5.9
2005.000000	---	39.74	54.00	14.26	200.0	H	277.0	-5.6
2955.000000	53.73	---	74.00	20.27	200.0	H	157.0	-2.8
2995.750000	---	42.84	54.00	11.16	200.0	H	359.0	-2.7
15905.625000	---	48.88	54.00	5.12	200.0	V	0.0	6.7
17956.875000	63.03	---	74.00	10.97	100.0	V	85.0	7.4

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

802.11n (HT20) CH11



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 3GHz

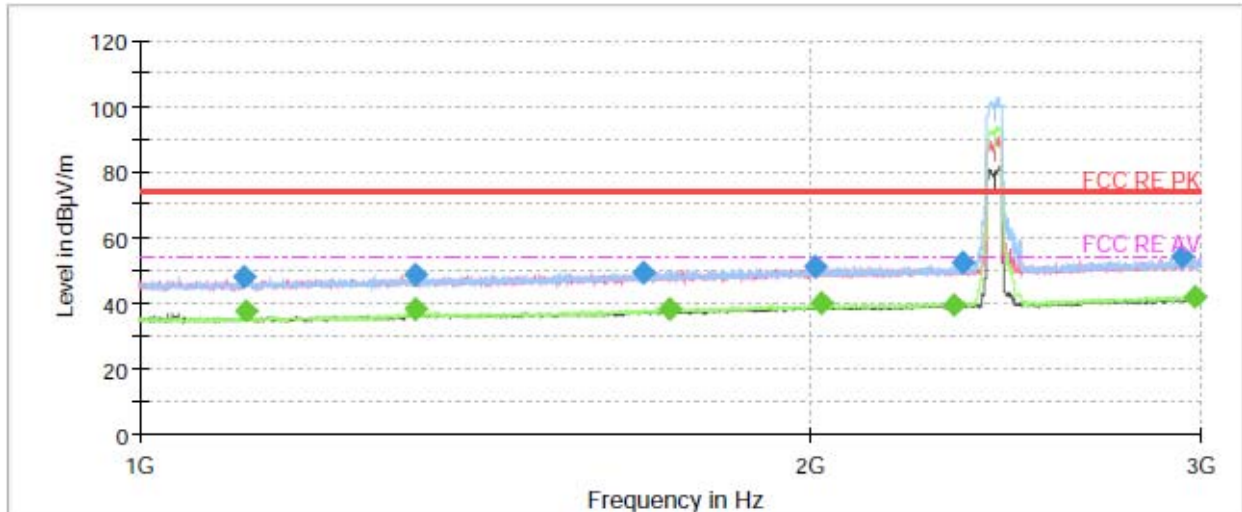


Radiates Emission from 3GHz to 18GHz

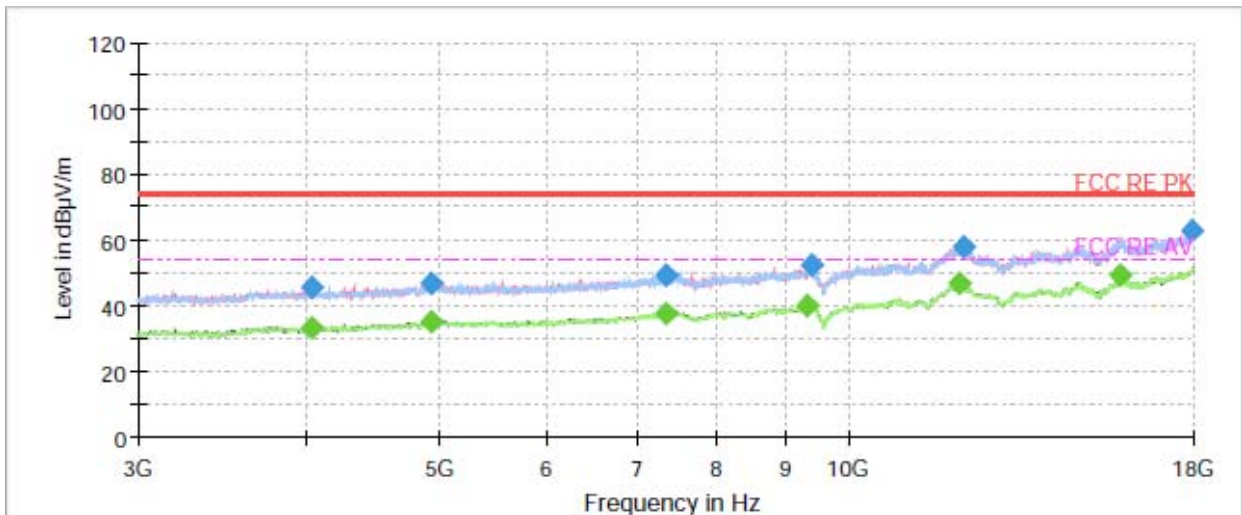
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1116.500000	---	37.99	54.00	16.01	100.0	V	175.0	-10.6
1121.500000	47.74	---	74.00	26.26	200.0	H	345.0	-10.6
1349.250000	---	37.00	54.00	17.00	200.0	H	255.0	-9.2
1392.500000	48.48	---	74.00	25.52	200.0	H	188.0	-8.9
1653.250000	49.77	---	74.00	24.23	200.0	H	282.0	-7.5
1725.000000	---	38.57	54.00	15.43	200.0	H	341.0	-7.0
1919.750000	---	40.13	54.00	13.87	100.0	H	119.0	-6.0
2048.250000	51.66	---	74.00	22.34	200.0	H	220.0	-5.5
2240.250000	---	39.56	54.00	14.44	200.0	H	180.0	-5.0
2265.250000	49.99	---	74.00	24.01	100.0	V	253.0	-4.9
2962.000000	---	42.95	54.00	11.05	200.0	H	298.0	-2.7
2970.000000	53.97	---	74.00	20.03	100.0	H	13.0	-2.7
15896.250000	---	49.10	54.00	4.90	100.0	V	280.0	6.7
17934.375000	62.38	---	74.00	11.62	100.0	V	0.0	7.2

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

802.11n (HT40) CH3



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 3GHz

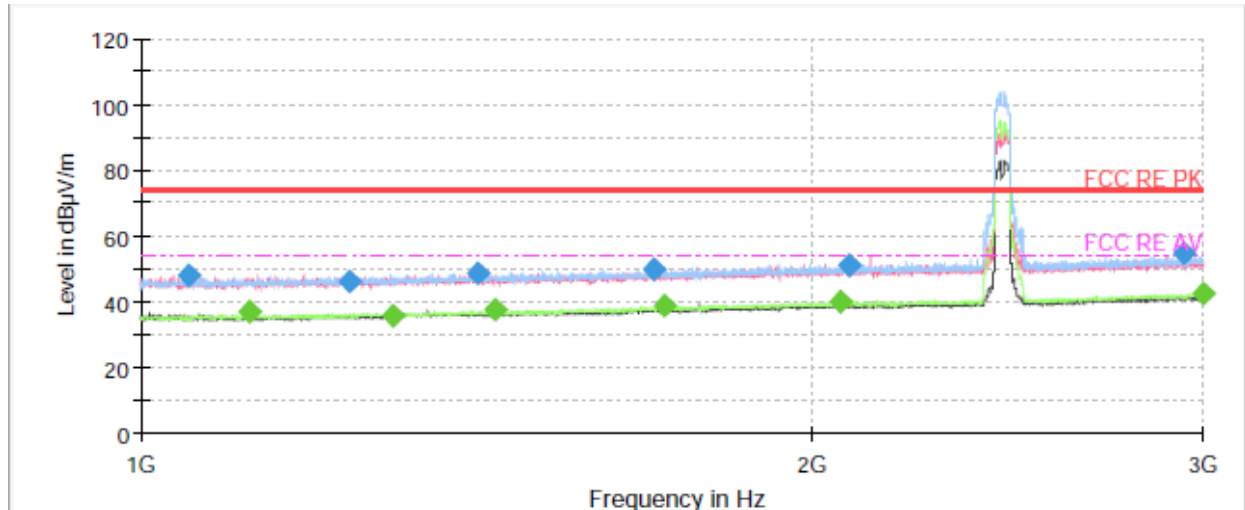


Radiates Emission from 3GHz to 18GHz

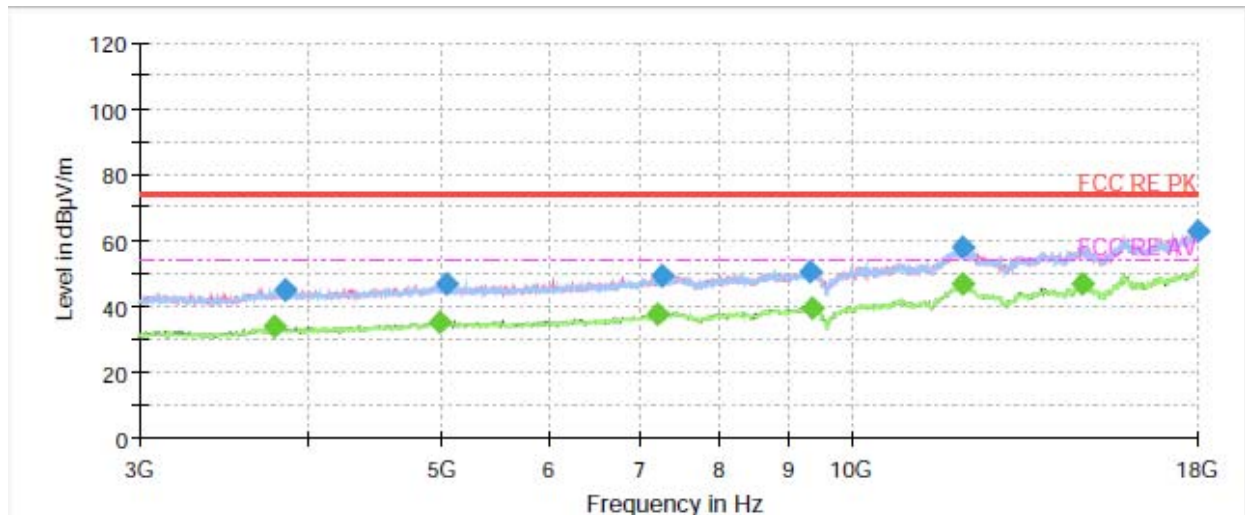
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1113.750000	48.26	---	74.00	25.74	100.0	V	175.0	-10.6
1115.750000	---	37.48	54.00	16.52	100.0	V	166.0	-10.6
1329.500000	48.61	---	74.00	25.39	100.0	H	37.0	-9.3
1331.500000	---	37.95	54.00	16.05	100.0	H	57.0	-9.3
1685.250000	49.34	---	74.00	24.66	100.0	H	0.0	-7.2
1728.250000	---	38.12	54.00	15.88	100.0	H	0.0	-7.0
2009.750000	51.12	---	74.00	22.88	200.0	H	318.0	-5.6
2025.500000	---	39.71	54.00	14.29	100.0	H	25.0	-5.5
2320.500000	---	39.35	54.00	14.65	200.0	V	11.0	-4.8
2344.250000	52.45	---	74.00	21.55	100.0	H	2.0	-4.7
2938.500000	53.90	---	74.00	20.10	100.0	H	13.0	-3.0
2981.000000	---	42.15	54.00	11.85	100.0	H	0.0	-2.7
15894.375000	---	49.48	54.00	4.52	100.0	V	77.0	6.7
17943.750000	62.91	---	74.00	11.09	200.0	V	216.0	7.3

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

802.11n (HT40) CH6



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 3GHz

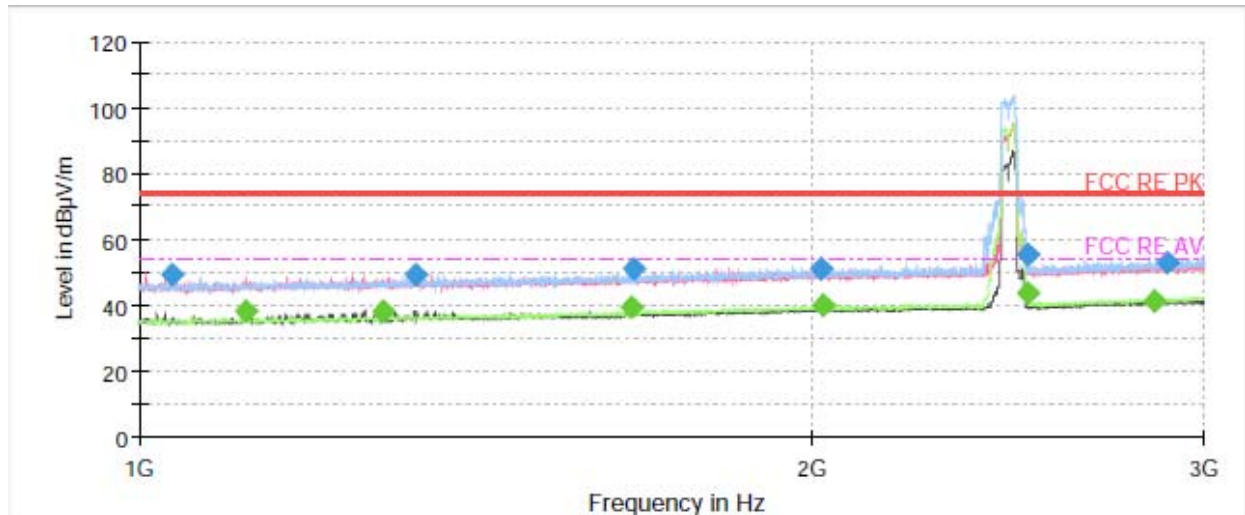


Radiates Emission from 3GHz to 18GHz

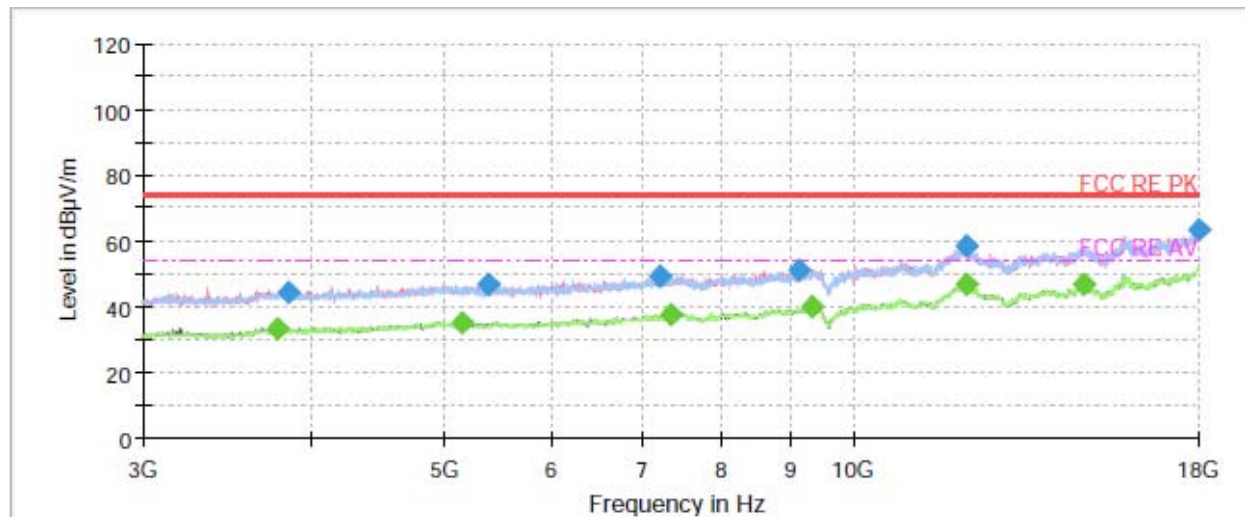
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1050.250000	47.98	---	74.00	26.02	200.0	V	224.0	-10.8
1117.750000	---	37.05	54.00	16.95	100.0	V	179.0	-10.6
1240.250000	46.44	---	74.00	27.56	200.0	H	324.0	-9.9
1298.750000	---	35.42	54.00	18.58	100.0	V	356.0	-9.6
1415.500000	48.68	---	74.00	25.32	100.0	H	65.0	-8.8
1441.750000	---	37.44	54.00	16.56	200.0	H	285.0	-8.7
1700.500000	49.98	---	74.00	24.02	200.0	H	352.0	-7.2
1720.250000	---	38.53	54.00	15.47	200.0	H	309.0	-7.0
2062.750000	---	39.88	54.00	14.12	200.0	H	336.0	-5.5
2078.500000	51.23	---	74.00	22.77	200.0	H	252.0	-5.4
2943.000000	54.55	---	74.00	19.45	200.0	H	348.0	-2.9
2998.000000	---	42.55	54.00	11.45	200.0	H	340.0	-2.7

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

802.11n (HT40) CH9



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 3GHz

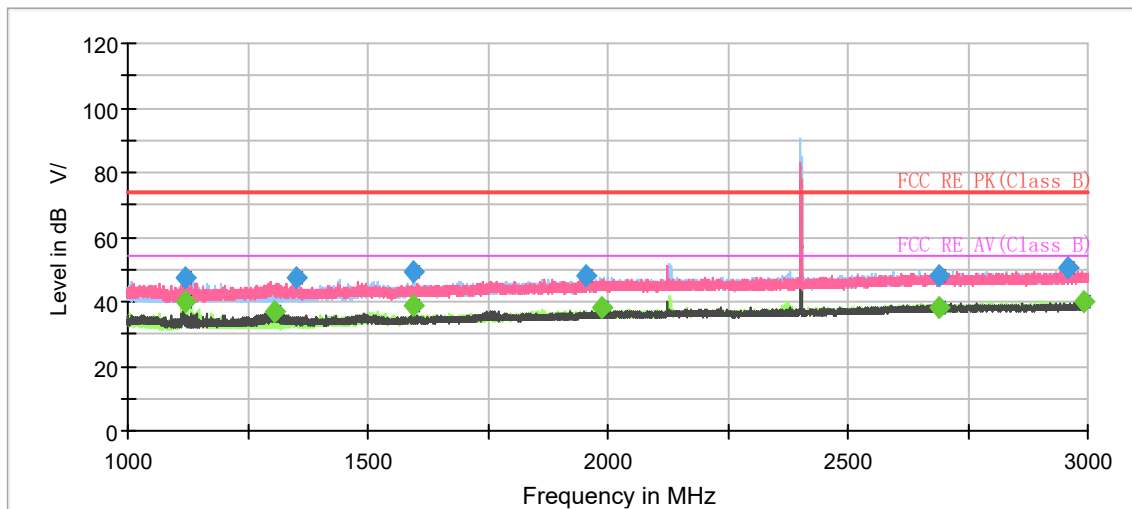


Radiates Emission from 3GHz to 18GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1035.250000	49.00	---	74.00	25.00	100.0	V	205.0	-10.8
1116.250000	---	37.98	54.00	16.02	100.0	V	170.0	-10.6
1287.000000	---	38.19	54.00	15.81	100.0	V	150.0	-9.7
1330.250000	49.19	---	74.00	24.81	100.0	V	150.0	-9.3
1662.250000	---	39.21	54.00	14.79	100.0	V	150.0	-7.4
1663.500000	51.19	---	74.00	22.81	100.0	V	150.0	-7.4
2019.250000	51.08	---	74.00	22.92	200.0	H	0.0	-5.5
2023.250000	---	39.71	54.00	14.29	200.0	H	290.0	-5.5
2498.750000	55.11	---	74.00	18.89	100.0	H	36.0	-4.5
2499.500000	---	43.57	54.00	10.43	100.0	H	36.0	-4.5
2851.000000	---	41.04	54.00	12.96	200.0	V	321.0	-3.2
2886.500000	52.63	---	74.00	21.37	200.0	H	294.0	-3.1

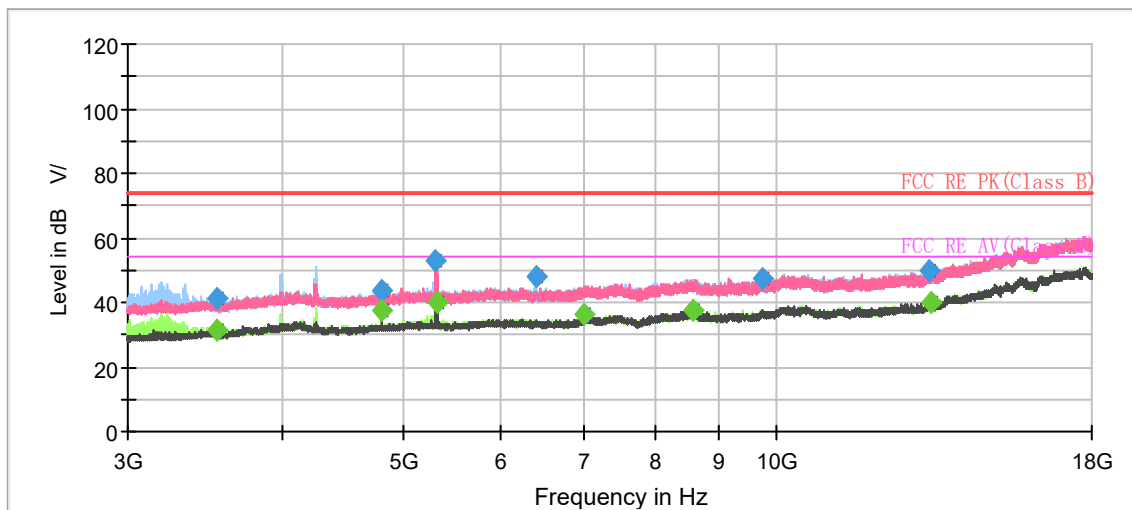
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Bluetooth LE-Channel 0



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

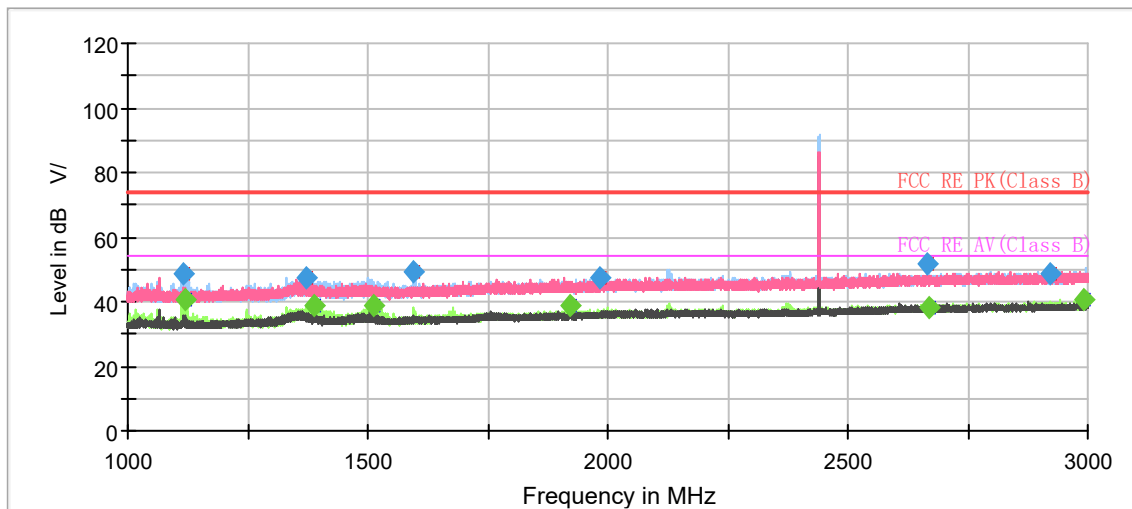


Radiates Emission from 3GHz to 18GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1119.333333	47.57	---	74.00	26.43	100.0	H	116.0	-7.7
1119.800000	---	40.17	54.00	13.83	100.0	H	123.0	-7.7
1306.533333	---	36.97	54.00	17.03	100.0	V	134.0	-6.7
1349.533333	47.31	---	74.00	26.69	100.0	V	32.0	-6.5
1593.533333	---	38.50	54.00	15.50	100.0	H	23.0	-5.1
1596.600000	48.93	---	74.00	25.07	100.0	H	11.0	-5.1
1956.133333	48.06	---	74.00	25.94	100.0	H	49.0	-2.9
1989.066667	---	37.91	54.00	16.09	100.0	H	336.0	-2.7
2689.400000	47.90	---	74.00	26.10	200.0	H	167.0	0.5
2689.800000	---	38.19	54.00	15.81	100.0	H	129.0	0.5
2957.866667	50.16	---	74.00	23.84	100.0	V	254.0	1.6
2993.533333	---	40.10	54.00	13.90	100.0	H	4.0	1.9

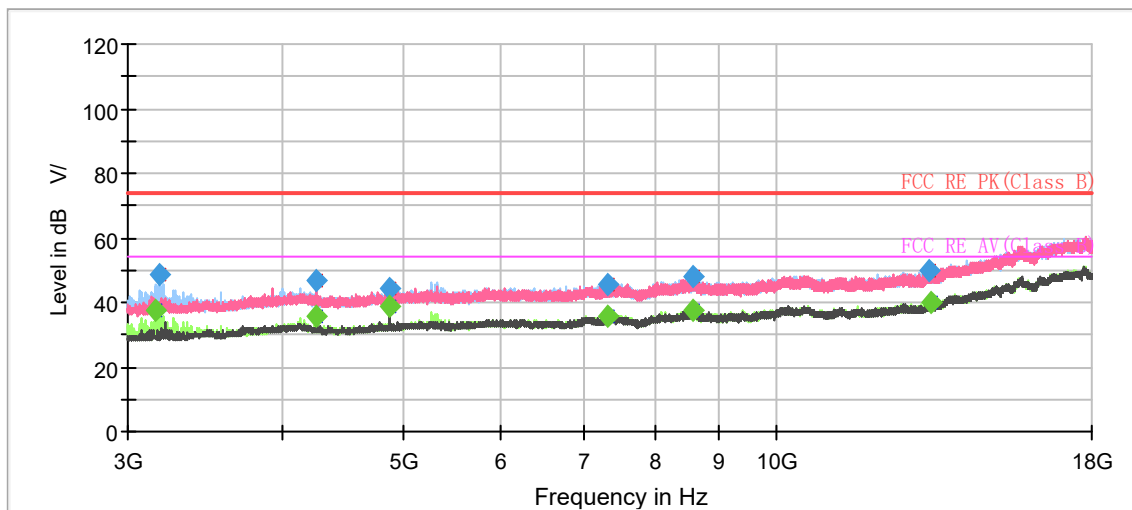
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Bluetooth LE-Channel 19



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

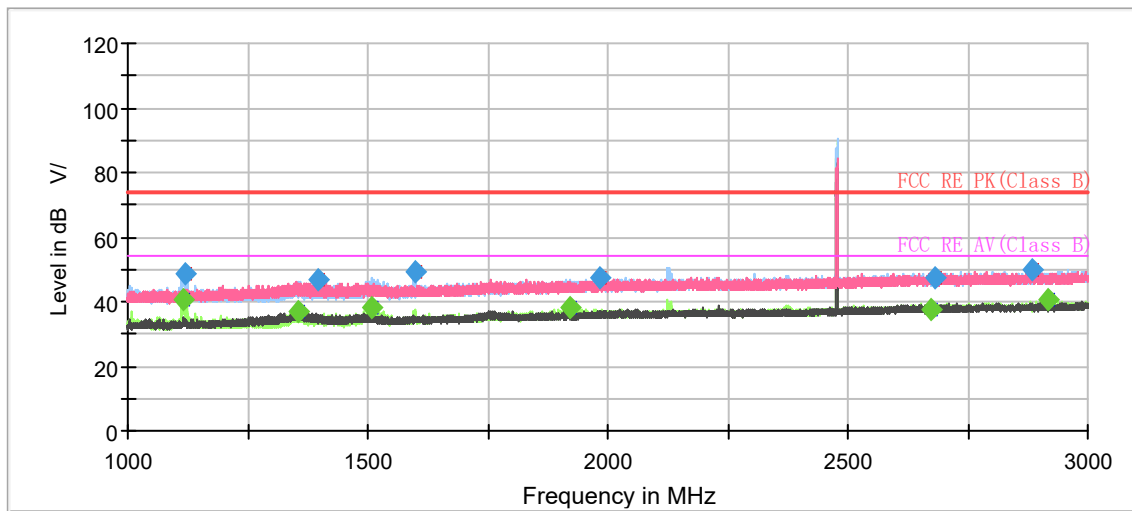


Radiates Emission from 3GHz to 18GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1116.533333	48.71	---	74.00	25.29	100.0	H	83.0	-7.7
1117.800000	---	40.76	54.00	13.24	100.0	H	83.0	-7.7
1372.466667	47.42	---	74.00	26.58	100.0	H	90.0	-6.4
1390.466667	---	38.80	54.00	15.20	100.0	H	90.0	-6.2
1514.400000	---	38.63	54.00	15.37	100.0	H	99.0	-5.5
1596.466667	48.97	---	74.00	25.03	100.0	H	10.0	-5.1
1920.000000	---	38.74	54.00	15.26	100.0	H	246.0	-3.2
1983.533333	47.53	---	74.00	26.47	100.0	H	99.0	-2.8
2666.066667	51.77	---	74.00	22.23	200.0	H	0.0	0.4
2669.733333	---	38.20	54.00	15.80	100.0	H	99.0	0.4
2921.266667	48.65	---	74.00	25.35	100.0	H	10.0	1.3
2991.666667	---	40.46	54.00	13.54	200.0	V	284.0	1.9

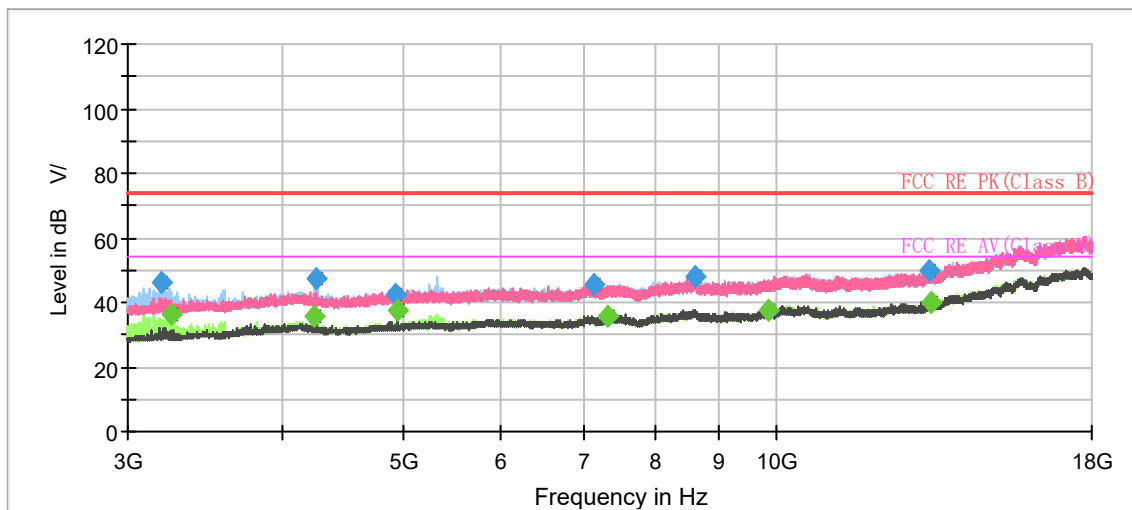
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Bluetooth LE-Channel 39



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

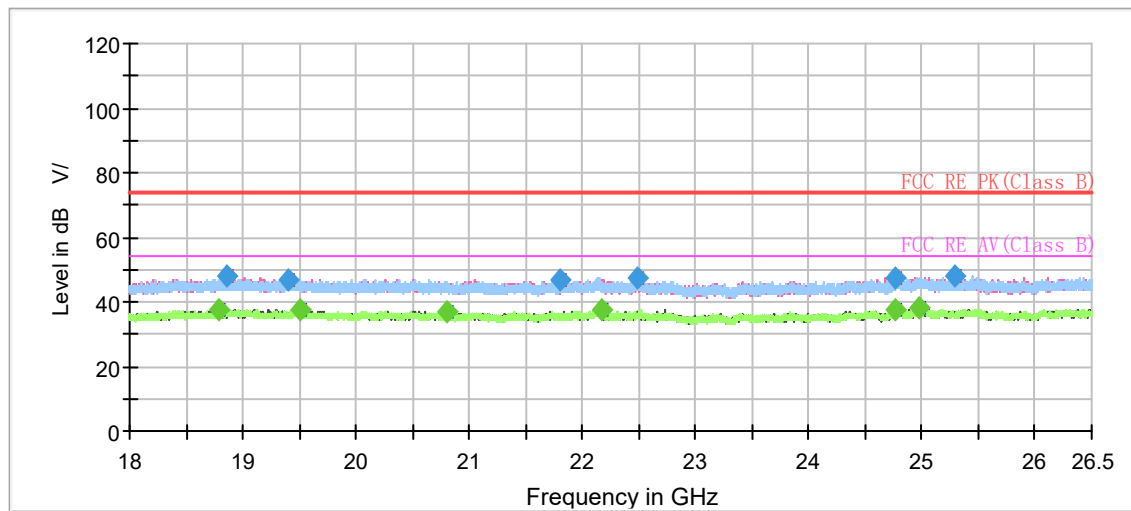


Radiates Emission from 3GHz to 18GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1116.333333	---	40.86	54.00	13.14	100.0	H	109.0	-7.7
1118.933333	48.40	---	74.00	25.60	100.0	H	95.0	-7.7
1354.133333	---	37.01	54.00	16.99	100.0	V	340.0	-6.5
1394.733333	46.50	---	74.00	27.50	100.0	V	0.0	-6.2
1508.800000	---	38.05	54.00	15.95	100.0	H	109.0	-5.5
1599.800000	49.24	---	74.00	24.76	100.0	H	95.0	-5.0
1920.066667	---	38.06	54.00	15.94	100.0	H	109.0	-3.2
1983.466667	47.45	---	74.00	26.55	100.0	H	47.0	-2.8
2672.133333	---	37.72	54.00	16.28	100.0	H	59.0	0.4
2680.133333	47.18	---	74.00	26.82	200.0	H	329.0	0.5
2885.400000	49.69	---	74.00	24.31	200.0	H	25.0	1.2
2915.600000	---	40.63	54.00	13.37	100.0	H	0.0	1.3

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

During the test, the Radiates Emission from 18GHz to 26.5GHz was performed in all modes with all channels, 802.11g, Channel 6 are selected as the worst condition. The test data of the worst-case condition was recorded in this report.



Radiates Emission from 18GHz to 26.5GHz

5.2. Conducted Emission

Ambient condition

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

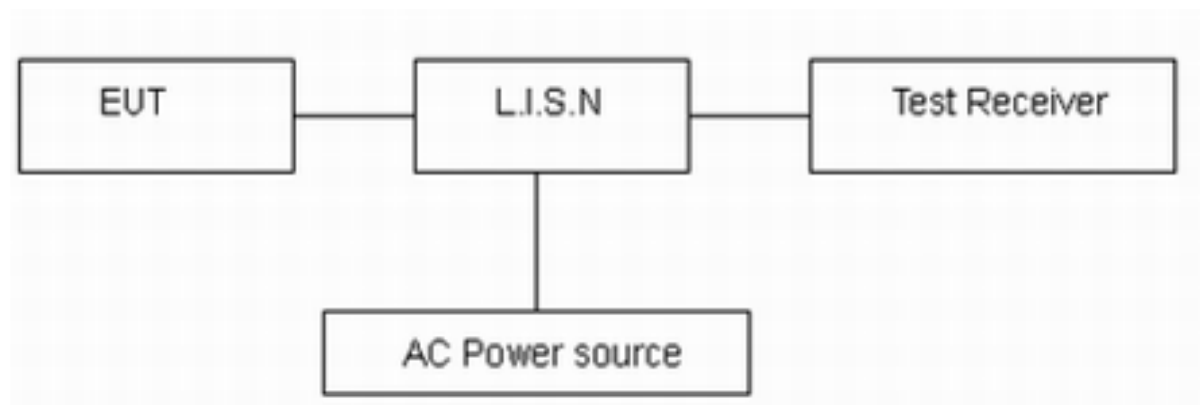
Methods of Measurement

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. Connect the AC power line of the EUT to the L.I.S.N. Use EMI receiver to detect the average and Quasi-peak value. RBW is set to 9 kHz, 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

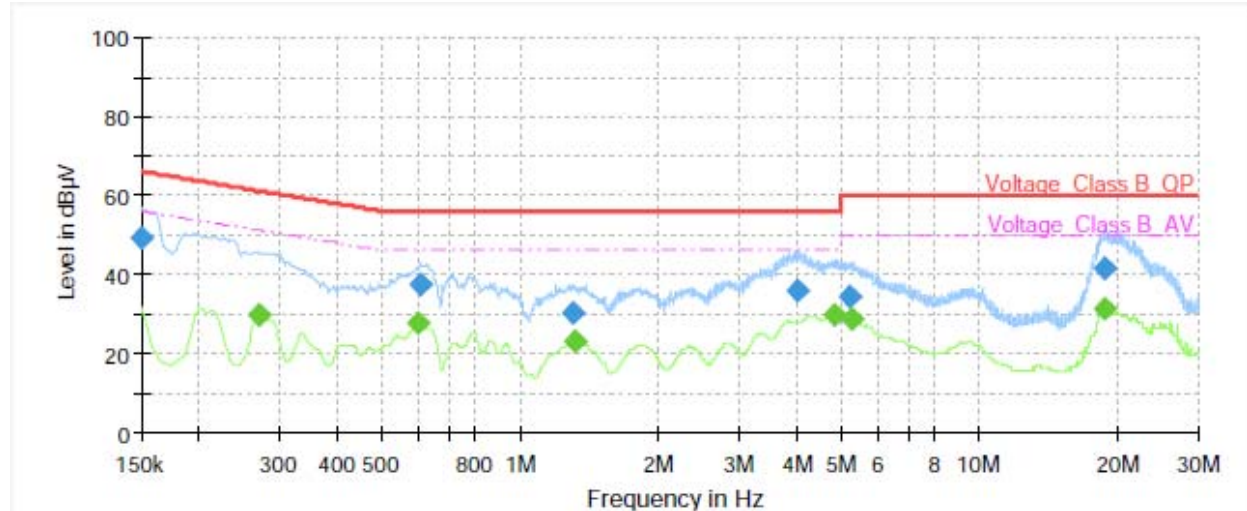
The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor $k = 1.96$, $U = 2.69$ dB.

Test Results:

Antenna 2

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

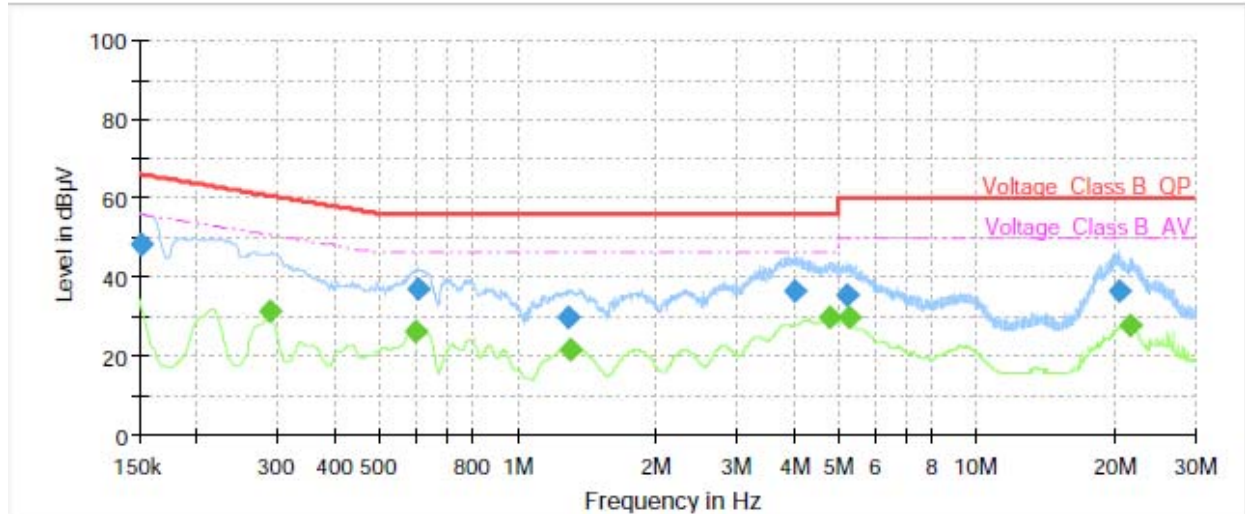
During the test, the Conducted Emission was performed in all modes (WIFI 2.4G /Bluetooth LE) with all channels, 802.11g, Channel 1 are selected as the worst condition. The test data of the worst-case condition was recorded in this report.



Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.15	49.02	---	66.00	16.98	70.0	9.000	L1	ON	21
0.27	---	29.87	51.14	21.27	70.0	9.000	L1	ON	21
0.60	---	27.86	46.00	18.14	70.0	9.000	L1	ON	20
0.61	37.42	---	56.00	18.58	70.0	9.000	L1	ON	20
1.31	30.11	---	56.00	25.89	70.0	9.000	L1	ON	20
1.32	---	23.17	46.00	22.83	70.0	9.000	L1	ON	20
4.01	35.71	---	56.00	20.29	70.0	9.000	L1	ON	19
4.83	---	29.84	46.00	16.16	70.0	9.000	L1	ON	19
5.21	34.61	---	60.00	25.39	70.0	9.000	L1	ON	19
5.27	---	28.73	50.00	21.27	70.0	9.000	L1	ON	19
18.67	41.39	---	60.00	18.61	70.0	9.000	L1	ON	20
18.76	---	31.28	50.00	18.72	70.0	9.000	L1	ON	20

Remark: Correct factor=cable loss + LISN factor

L line Conducted Emission from 150 KHz to 30 MHz



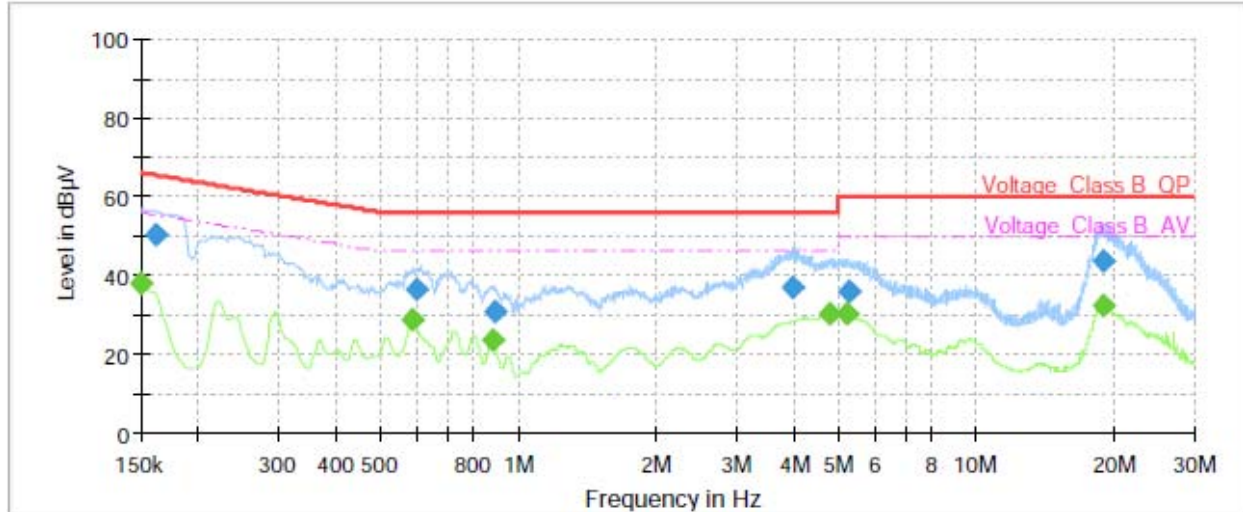
Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.15	48.42	---	65.88	17.46	70.0	9.000	N	ON	21
0.29	---	31.25	50.54	19.29	70.0	9.000	N	ON	21
0.60	---	26.02	46.00	19.98	70.0	9.000	N	ON	20
0.60	36.75	---	56.00	19.25	70.0	9.000	N	ON	20
1.29	29.96	---	56.00	26.04	70.0	9.000	N	ON	20
1.31	---	21.69	46.00	24.31	70.0	9.000	N	ON	20
4.02	36.36	---	56.00	19.64	70.0	9.000	N	ON	19
4.76	---	29.65	46.00	16.35	70.0	9.000	N	ON	19
5.20	35.18	---	60.00	24.82	70.0	9.000	N	ON	19
5.26	---	29.63	50.00	20.37	70.0	9.000	N	ON	19
20.41	36.36	---	60.00	23.64	70.0	9.000	N	ON	20
21.71	---	27.71	50.00	22.29	70.0	9.000	N	ON	20

Remark: Correct factor=cable loss + LISN factor

N line Conducted Emission from 150 KHz to 30 MHz

Antenna 3

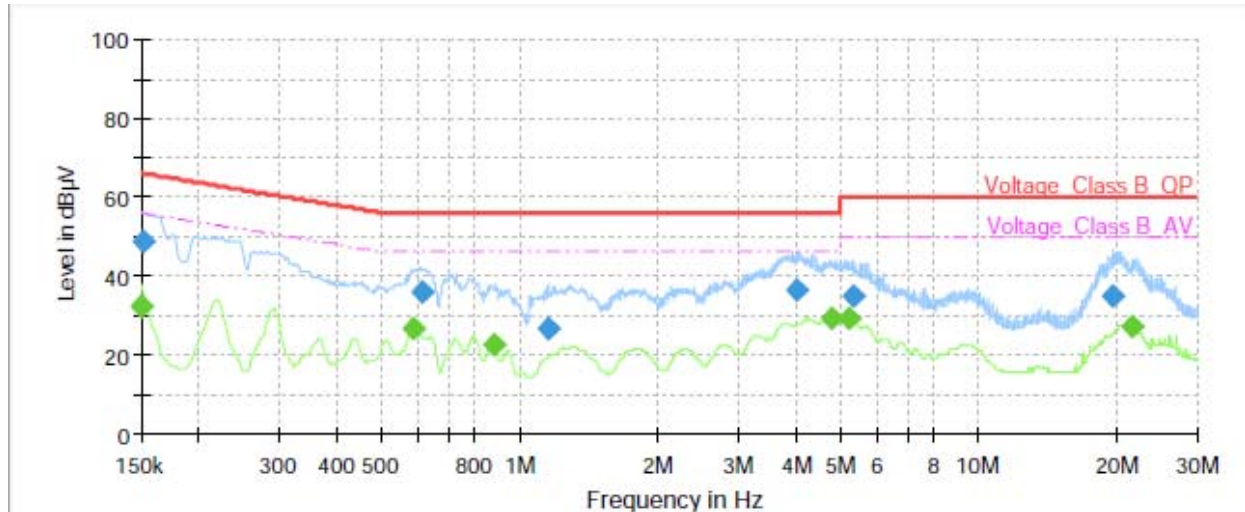
Following plots, Blue trace uses the peak detection and Green trace uses the average detection. During the test, the Conducted Emission was performed in all modes (WIFI 2.4G /Bluetooth LE) with all channels, 802.11b, Channel 6 are selected as the worst condition. The test data of the worst-case condition was recorded in this report.



Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.15	---	38.17	56.00	17.83	70.0	9.000	L1	ON	21
0.16	50.34	---	65.40	15.06	70.0	9.000	L1	ON	21
0.59	---	28.85	46.00	17.15	70.0	9.000	L1	ON	20
0.60	36.52	---	56.00	19.48	70.0	9.000	L1	ON	20
0.88	---	23.74	46.00	22.26	70.0	9.000	L1	ON	20
0.89	30.53	---	56.00	25.47	70.0	9.000	L1	ON	20
3.98	36.79	---	56.00	19.21	70.0	9.000	L1	ON	19
4.79	---	30.35	46.00	15.65	70.0	9.000	L1	ON	19
5.21	---	30.19	50.00	19.81	70.0	9.000	L1	ON	19
5.26	36.08	---	60.00	23.92	70.0	9.000	L1	ON	19
18.93	---	32.18	50.00	17.82	70.0	9.000	L1	ON	20
18.96	43.54	---	60.00	16.46	70.0	9.000	L1	ON	20

Remark: Correct factor=cable loss + LISN factor

L line Conducted Emission from 150 KHz to 30 MHz



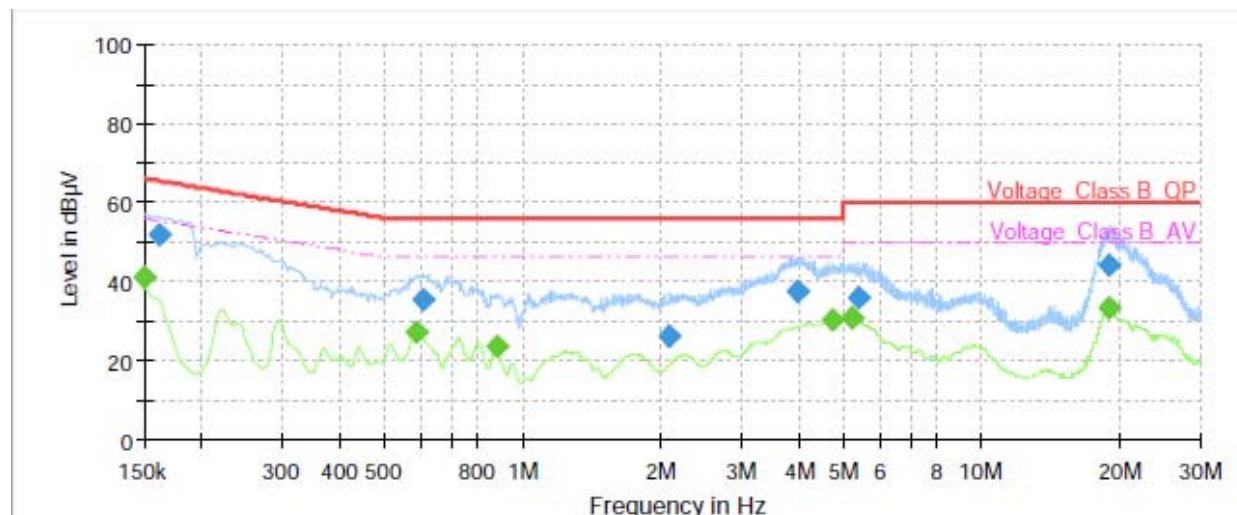
Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.15	---	32.32	56.00	23.68	70.0	9.000	N	ON	21
0.15	48.67	---	65.88	17.21	70.0	9.000	N	ON	21
0.59	---	26.78	46.00	19.22	70.0	9.000	N	ON	20
0.61	36.14	---	56.00	19.86	70.0	9.000	N	ON	20
0.88	---	22.33	46.00	23.67	70.0	9.000	N	ON	20
1.15	26.92	---	56.00	29.08	70.0	9.000	N	ON	20
4.03	36.27	---	56.00	19.73	70.0	9.000	N	ON	19
4.77	---	29.14	46.00	16.86	70.0	9.000	N	ON	19
5.22	---	29.06	50.00	20.94	70.0	9.000	N	ON	19
5.32	34.67	---	60.00	25.33	70.0	9.000	N	ON	19
19.69	35.06	---	60.00	24.94	70.0	9.000	N	ON	20
21.63	---	27.22	50.00	22.78	70.0	9.000	N	ON	20

Remark: Correct factor=cable loss + LISN factor

N line Conducted Emission from 150 KHz to 30 MHz

Antenna 4

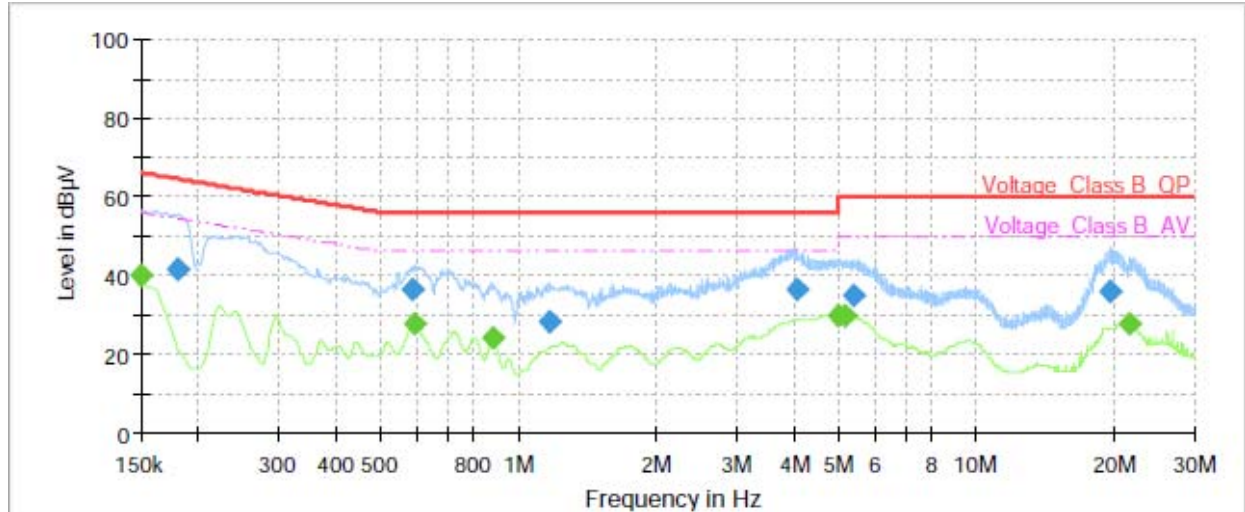
Following plots, Blue trace uses the peak detection and Green trace uses the average detection. During the test, the Conducted Emission was performed in all modes (WIFI 2.4G /Bluetooth LE) with all channels, 802.11b, Channel 6 are selected as the worst condition. The test data of the worst-case condition was recorded in this report.



Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.15	---	40.94	56.00	15.06	70.0	9.000	L1	ON	21
0.16	51.91	---	65.40	13.49	70.0	9.000	L1	ON	21
0.59	---	27.20	46.00	18.80	70.0	9.000	L1	ON	20
0.61	35.53	---	56.00	20.47	70.0	9.000	L1	ON	20
0.88	---	23.45	46.00	22.55	70.0	9.000	L1	ON	20
2.08	25.95	---	56.00	30.05	70.0	9.000	L1	ON	20
3.98	37.52	---	56.00	18.48	70.0	9.000	L1	ON	19
4.74	---	30.17	46.00	15.83	70.0	9.000	L1	ON	19
5.21	---	30.89	50.00	19.11	70.0	9.000	L1	ON	19
5.39	36.00	---	60.00	24.00	70.0	9.000	L1	ON	19
19.00	---	33.25	50.00	16.75	70.0	9.000	L1	ON	20
19.05	43.94	---	60.00	16.06	70.0	9.000	L1	ON	20

Remark: Correct factor=cable loss + LISN factor

L line Conducted Emission from 150 KHz to 30 MHz



Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.15	---	39.86	56.00	16.14	70.0	9.000	N	ON	21
0.18	41.55	---	64.42	22.87	70.0	9.000	N	ON	21
0.59	36.38	---	56.00	19.62	70.0	9.000	N	ON	20
0.59	---	27.62	46.00	18.38	70.0	9.000	N	ON	20
0.88	---	24.05	46.00	21.95	70.0	9.000	N	ON	20
1.16	28.22	---	56.00	27.78	70.0	9.000	N	ON	20
4.07	36.63	---	56.00	19.37	70.0	9.000	N	ON	19
5.00	---	29.55	46.00	16.45	70.0	9.000	N	ON	19
5.17	---	29.83	50.00	20.17	70.0	9.000	N	ON	19
5.40	35.04	---	60.00	24.96	70.0	9.000	N	ON	19
19.67	35.64	---	60.00	24.36	70.0	9.000	N	ON	20
21.67	---	27.60	50.00	22.40	70.0	9.000	N	ON	20

Remark: Correct factor=cable loss + LISN factor

N line Conducted Emission from 150 KHz to 30 MHz

6. Main Test Instruments

Name	Manufacturer	Type	Serial Number	Calibration Date	Expiration Date
Spectrum Analyzer	R&S	FSV30	100815	2020-12-13	2021-12-12
EMI Test Receiver	R&S	ESCI	100948	2021-05-15	2022-05-14
Loop Antenna	SCHWARZBECK	FMZB1519	1519-047	2020-04-02	2023-04-01
TRILOG Broadband Antenna	SCHWARZBECK	VULB 9163	391	2019-12-16	2022-12-15
Horn Antenna	R&S	HF907	102723	2018-08-11	2021-08-10
Horn Antenna	ETS-Lindgren	3160-09	00102644	2018-06-20	2023-06-19
EMI Test Receiver	R&S	ESR	101667	2021-05-16	2022-05-15
LISN	R&S	ENV216	101171	2018-12-15	2021-12-14
Spectrum Analyzer	Agilent	N9010A	MY47191109	2021-05-15	2022-05-14
Power Meter	R&S	NRP2	104306	2021-05-15	2022-05-14
Power Sensor	R&S	NRP-Z21	104799	2021-05-15	2022-05-14
20dB Attenuator	Star River Highlight	UCL-TS2S-20	18013001	2020-12-14	2021-12-13
RF Cable	Agilent	SMA 15cm	0001	2021-06-12	2021-12-13
Software	R&S	EMC32	9.26.0	/	/

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



ANNEX A: The EUT Appearance

The EUT Appearance are submitted separately.



ANNEX B: Test Setup Photos

The Test Setup Photos are submitted separately.