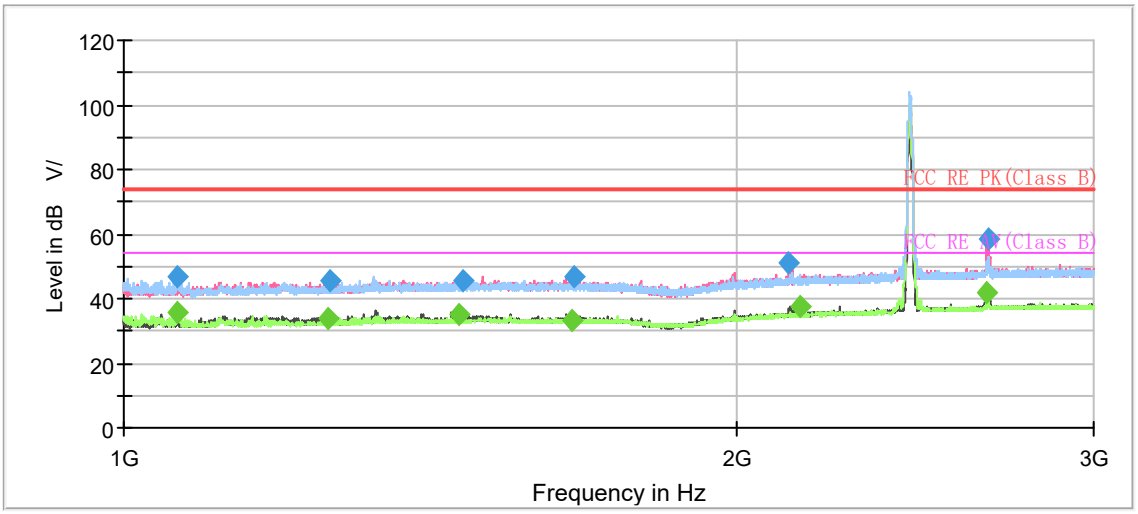
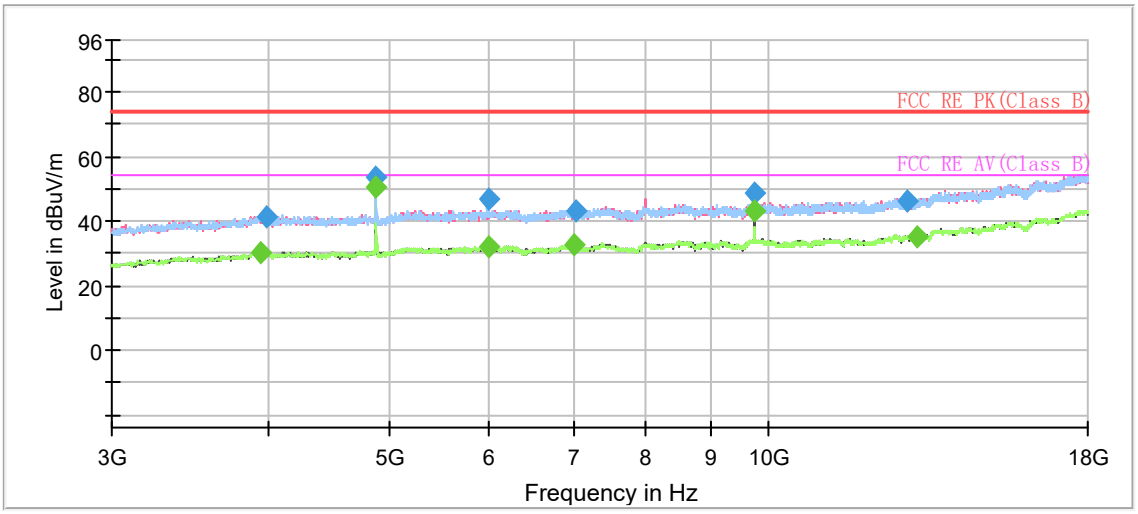
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1056.500000	48.42	---	74.00	25.58	500.0	200.0	H	232.0	-8.7
1063.750000	---	37.20	54.00	16.80	500.0	200.0	H	242.0	-8.6
1310.750000	55.04	---	74.00	18.96	500.0	200.0	V	222.0	-7.1
1332.500000	---	38.92	54.00	15.08	500.0	200.0	V	236.0	-6.9
1668.750000	---	36.10	54.00	17.90	500.0	200.0	H	353.0	-5.1
1692.750000	47.34	---	74.00	26.66	500.0	200.0	H	158.0	-5.0
1879.250000	50.98	---	74.00	23.02	500.0	200.0	H	130.0	-4.0
2075.000000	---	37.61	54.00	16.39	500.0	200.0	H	284.0	-3.1
2288.500000	49.44	---	74.00	24.56	500.0	200.0	H	297.0	-2.2
2295.500000	---	38.51	54.00	15.49	500.0	200.0	H	349.0	-2.2
2659.000000	56.27	---	74.00	17.73	500.0	100.0	V	190.0	-0.3
2665.000000	---	42.03	54.00	11.97	500.0	100.0	V	190.0	-0.3
4864.018750	---	50.84	54.00	3.16	500.0	100.0	H	43.0	-4.1
4864.031250	53.90	---	74.00	20.10	500.0	100.0	H	43.0	-4.1

Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)
2. Margin = Limit –MAX Peak/ Average

802.11b CH6



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

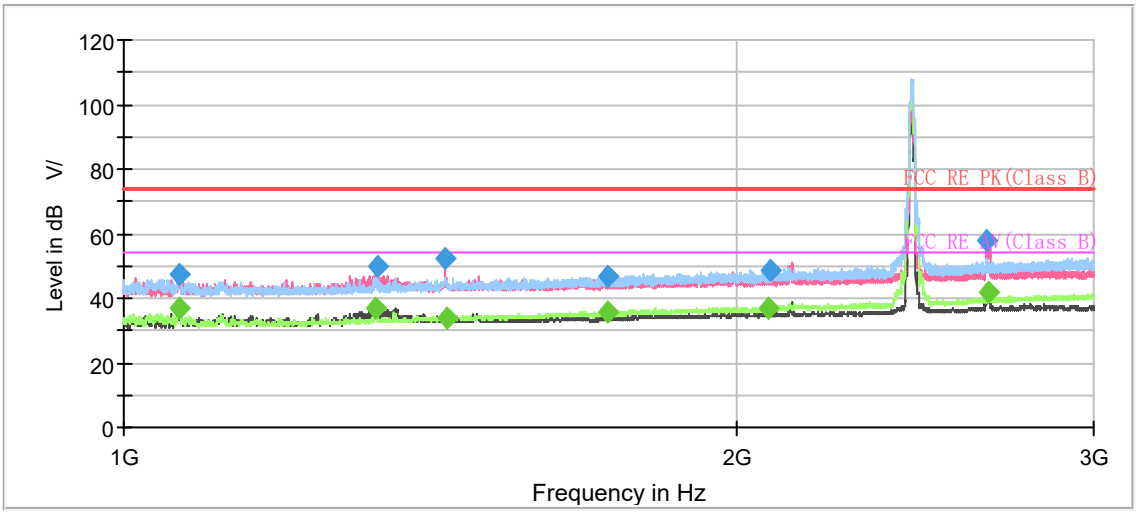


Radiates Emission from 3GHz to 18GHz

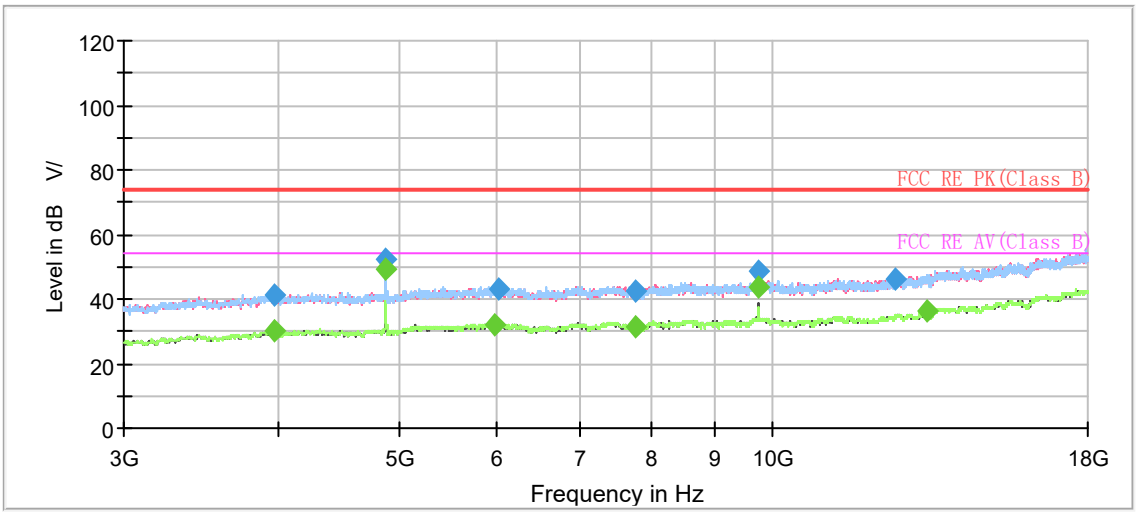
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1062.250000	---	35.40	54.00	18.60	500.0	100.0	H	227.0	-8.7
1062.750000	46.82	---	74.00	27.18	500.0	200.0	H	239.0	-8.7
1260.250000	---	33.58	54.00	20.42	500.0	200.0	V	182.0	-7.4
1263.250000	45.56	---	74.00	28.44	500.0	200.0	V	178.0	-7.4
1463.250000	---	34.95	54.00	19.05	500.0	200.0	V	147.0	-6.1
1468.250000	45.61	---	74.00	28.39	500.0	200.0	V	147.0	-6.1
1662.750000	---	33.49	54.00	20.51	500.0	100.0	V	203.0	-5.1
1664.500000	47.01	---	74.00	26.99	500.0	100.0	V	203.0	-5.1
2124.750000	50.85	---	74.00	23.15	500.0	100.0	V	304.0	-2.9
2149.500000	---	37.47	54.00	16.53	500.0	200.0	V	76.0	-2.8
2659.750000	---	42.10	54.00	11.90	500.0	200.0	V	116.0	-0.3
2663.000000	58.42	---	74.00	15.58	500.0	200.0	V	116.0	-0.3
4874.051250	---	50.47	54.00	3.53	500.0	100.0	H	99.0	-4.1
4874.212500	53.30	---	74.00	20.70	500.0	100.0	H	99.0	-4.1

Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)
2. Margin = Limit –MAX Peak/ Average

802.11b CH7



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

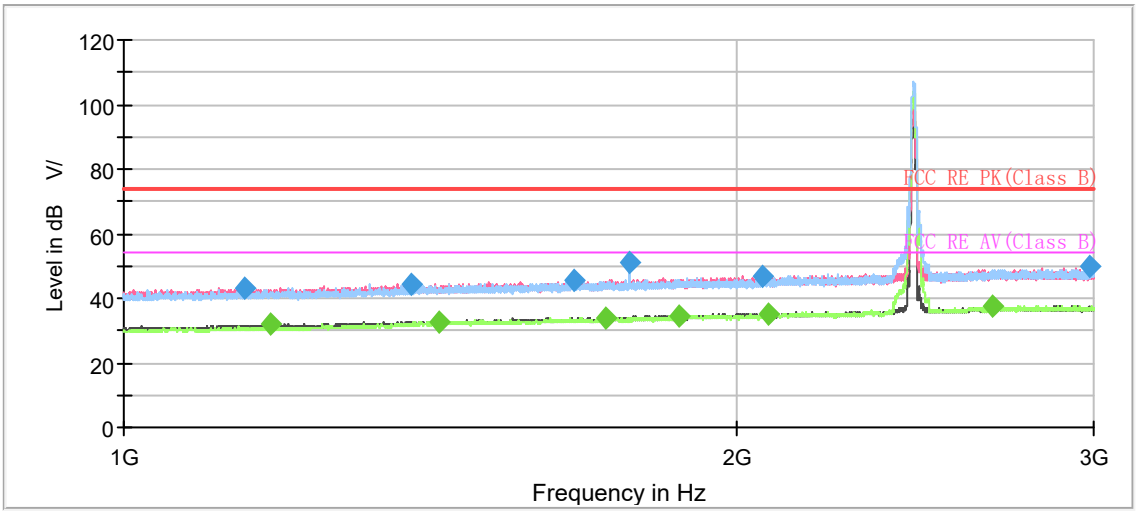


Radiates Emission from 3GHz to 18GHz

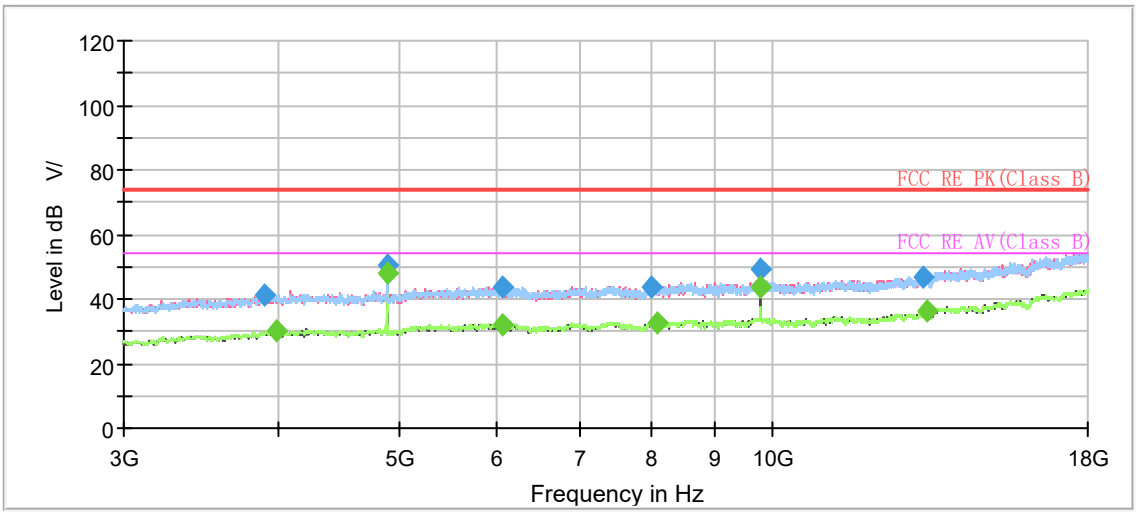
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1063.750000	47.39	---	74.00	26.61	500.0	200.0	H	247.0	-8.6
1063.750000	---	37.13	54.00	16.87	500.0	200.0	H	247.0	-8.6
1331.250000	---	37.16	54.00	16.84	500.0	100.0	V	250.0	-6.9
1332.750000	49.69	---	74.00	24.31	500.0	100.0	V	104.0	-6.9
1440.000000	52.17	---	74.00	21.83	500.0	100.0	V	265.0	-6.2
1441.250000	---	34.07	54.00	19.93	500.0	100.0	H	5.0	-6.2
1728.250000	46.86	---	74.00	27.14	500.0	200.0	H	0.0	-4.8
1729.750000	---	35.88	54.00	18.12	500.0	200.0	H	11.0	-4.8
2076.000000	---	37.23	54.00	16.77	500.0	200.0	H	0.0	-3.1
2078.000000	48.65	---	74.00	25.35	500.0	100.0	H	0.0	-3.1
2658.750000	58.01	---	74.00	15.99	500.0	200.0	V	179.0	-0.3
2665.250000	---	41.66	54.00	12.34	500.0	100.0	V	58.0	-0.3
4883.962500	---	49.34	54.00	4.66	500.0	100.0	H	45.0	-4.0
4884.061250	52.32	---	74.00	21.68	500.0	100.0	H	45.0	-4.0

Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)
2. Margin = Limit –MAX Peak/ Average

802.11b CH8



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

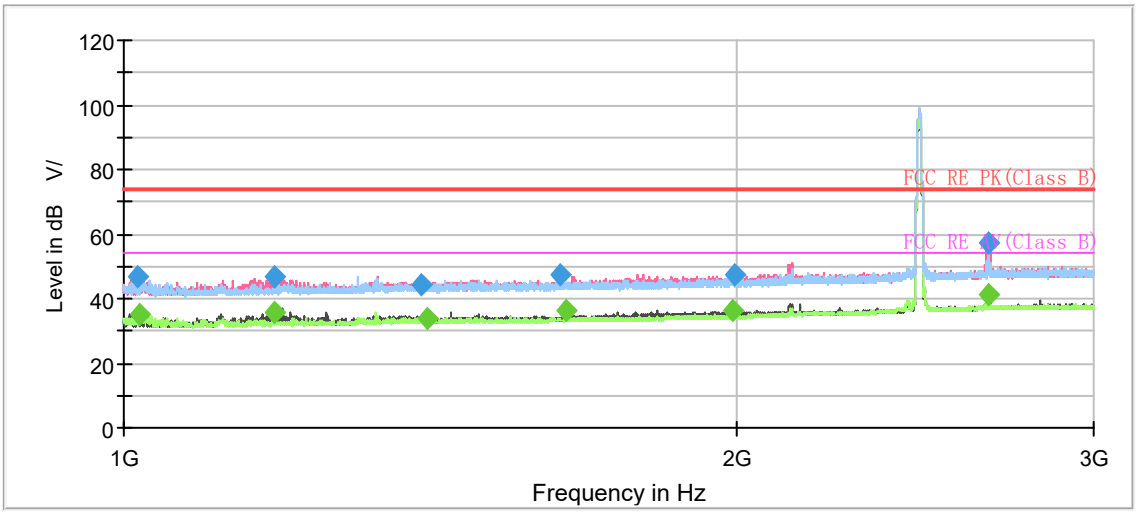


Radiates Emission from 3GHz to 18GHz

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1147.750000	43.06	---	74.00	30.94	500.0	200.0	V	156.0	-8.1
1181.500000	---	31.90	54.00	22.10	500.0	200.0	V	0.0	-7.9
1385.500000	44.21	---	74.00	29.79	500.0	200.0	V	323.0	-6.6
1430.250000	---	32.91	54.00	21.09	500.0	200.0	V	351.0	-6.3
1665.250000	45.82	---	74.00	28.18	500.0	200.0	V	292.0	-5.1
1726.250000	---	34.07	54.00	19.93	500.0	200.0	H	142.0	-4.8
1774.000000	51.13	---	74.00	22.87	500.0	200.0	H	215.0	-4.5
1874.250000	---	34.43	54.00	19.57	500.0	200.0	V	261.0	-4.0
2060.250000	46.72	---	74.00	27.28	500.0	100.0	H	165.0	-3.2
2074.250000	---	35.06	54.00	18.94	500.0	200.0	V	0.0	-3.1
2677.250000	---	37.52	54.00	16.48	500.0	200.0	V	183.0	-0.2
2989.750000	49.59	---	74.00	24.41	500.0	200.0	V	214.0	0.4
4893.992500	50.64	---	74.00	23.36	500.0	100.0	H	44.0	-4.0
4894.102500	---	47.72	54.00	6.28	500.0	100.0	H	44.0	-4.0

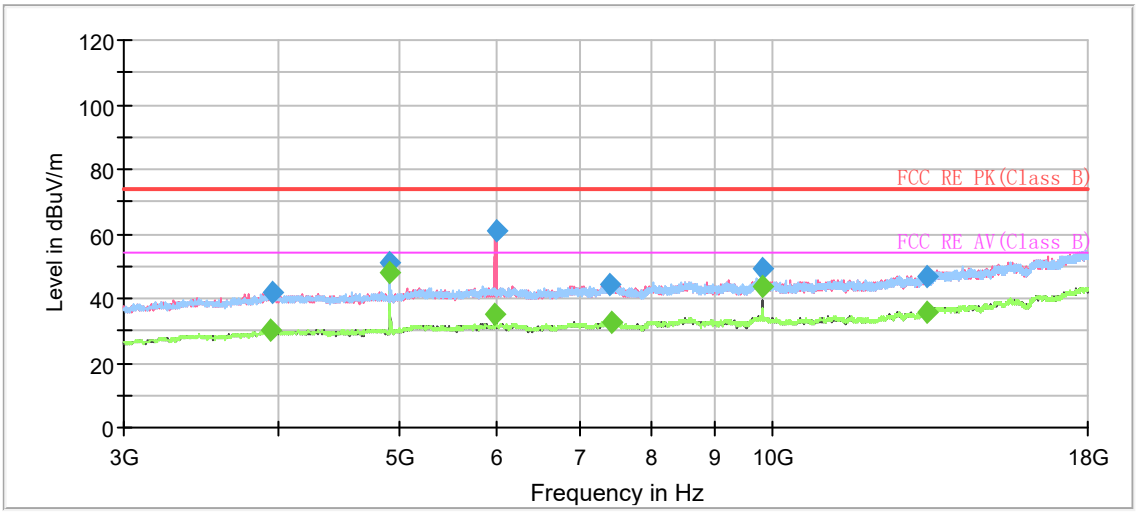
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)
2. Margin = Limit –MAX Peak/ Average

802.11b CH11



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

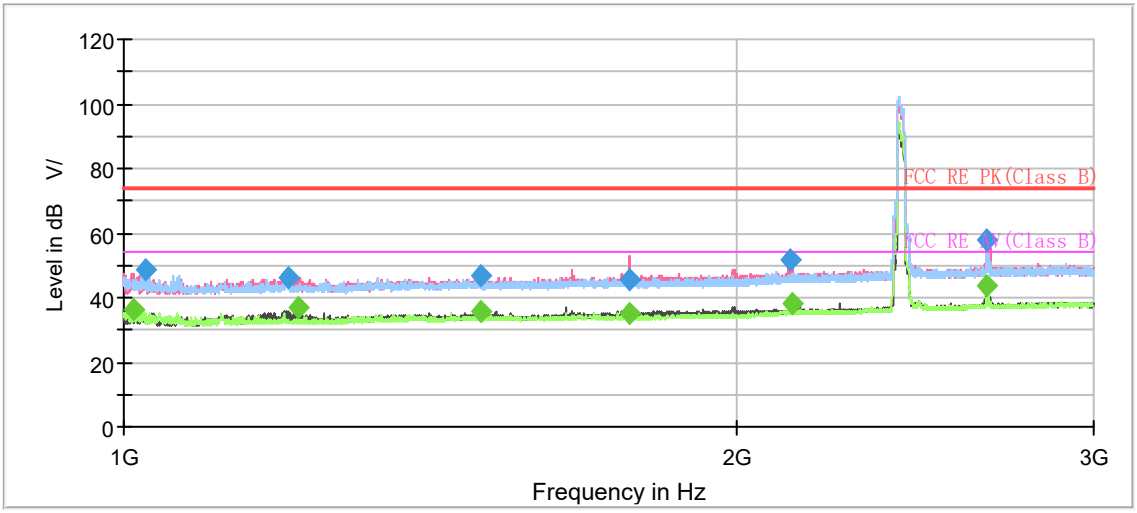


Radiates Emission from 3GHz to 18GHz

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1016.750000	46.83	---	74.00	27.17	500.0	200.0	V	199.0	-9.0
1018.500000	---	35.10	54.00	18.90	500.0	200.0	V	199.0	-9.0
1186.250000	---	35.84	54.00	18.16	500.0	200.0	V	165.0	-7.8
1186.250000	46.80	---	74.00	27.20	500.0	200.0	V	165.0	-7.8
1401.500000	44.27	---	74.00	29.73	500.0	100.0	V	276.0	-6.5
1409.250000	---	33.61	54.00	20.39	500.0	100.0	V	141.0	-6.4
1639.000000	47.46	---	74.00	26.54	500.0	200.0	H	98.0	-5.2
1649.750000	---	36.13	54.00	17.87	500.0	200.0	V	90.0	-5.2
1994.000000	---	36.56	54.00	17.44	500.0	100.0	V	223.0	-3.5
1997.250000	47.59	---	74.00	26.41	500.0	200.0	V	31.0	-3.4
2661.500000	---	41.15	54.00	12.85	500.0	100.0	V	109.0	-0.3
2662.500000	57.27	---	74.00	16.73	500.0	200.0	V	105.0	-0.3
4924.026250	51.07	---	74.00	22.93	500.0	200.0	V	301.0	-3.8
4924.153750	---	47.93	54.00	6.07	500.0	200.0	V	301.0	-3.8

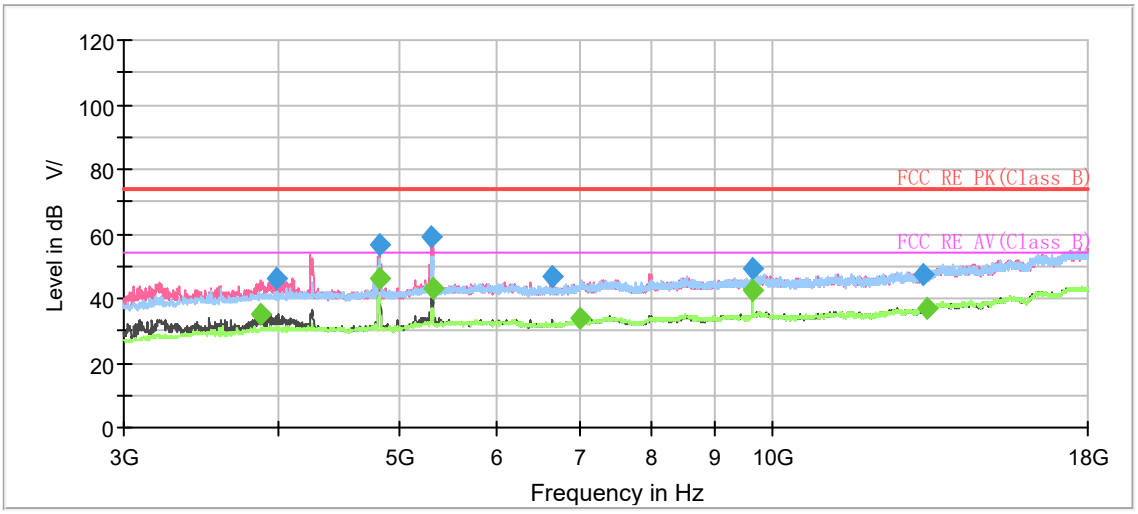
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)
2. Margin = Limit –MAX Peak/ Average

802.11g CH1



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

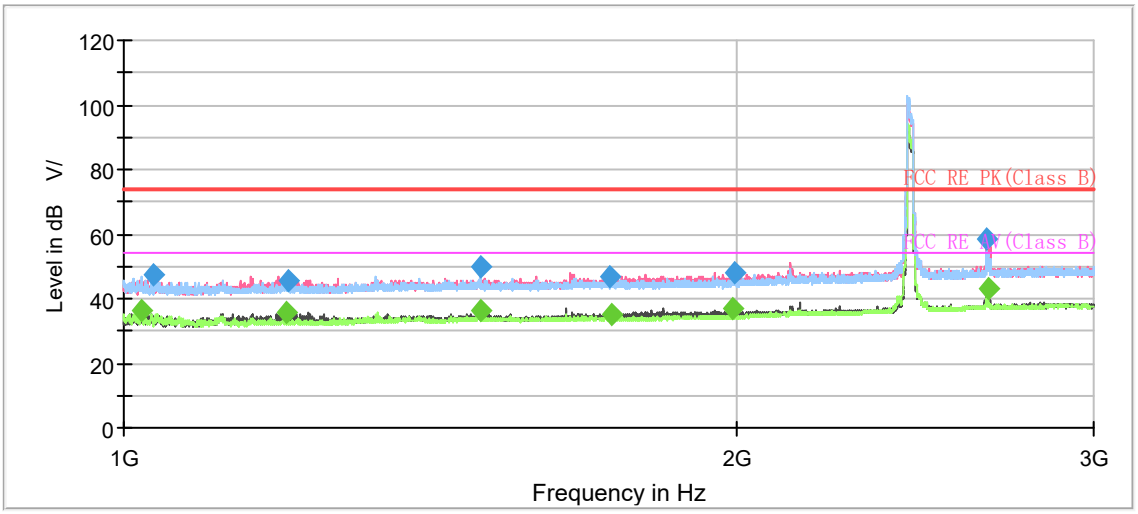


Radiates Emission from 3GHz to 18GHz

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1010.750000	---	36.58	54.00	17.42	500.0	200.0	V	203.0	-9.0
1025.500000	48.66	---	74.00	25.34	500.0	200.0	H	228.0	-8.9
1206.000000	46.42	---	74.00	27.58	500.0	200.0	V	162.0	-7.7
1217.500000	---	36.82	54.00	17.18	500.0	200.0	V	167.0	-7.6
1497.000000	---	35.39	54.00	18.61	500.0	200.0	H	142.0	-5.9
1497.750000	46.77	---	74.00	27.23	500.0	200.0	H	142.0	-5.9
1773.500000	45.55	---	74.00	28.45	500.0	200.0	V	135.0	-4.5
1773.750000	---	34.79	54.00	19.21	500.0	100.0	V	340.0	-4.5
2128.000000	51.65	---	74.00	22.35	500.0	100.0	V	28.0	-2.9
2132.000000	---	38.35	54.00	15.65	500.0	200.0	V	38.0	-2.9
2658.500000	58.06	---	74.00	15.94	500.0	200.0	V	111.0	-0.3
2658.750000	---	43.44	54.00	10.56	500.0	200.0	V	111.0	-0.3
4824.122500	---	46.20	54.00	7.80	500.0	200.0	V	5.0	-4.2
4824.837500	56.59	---	74.00	17.41	500.0	200.0	V	21.0	-4.2

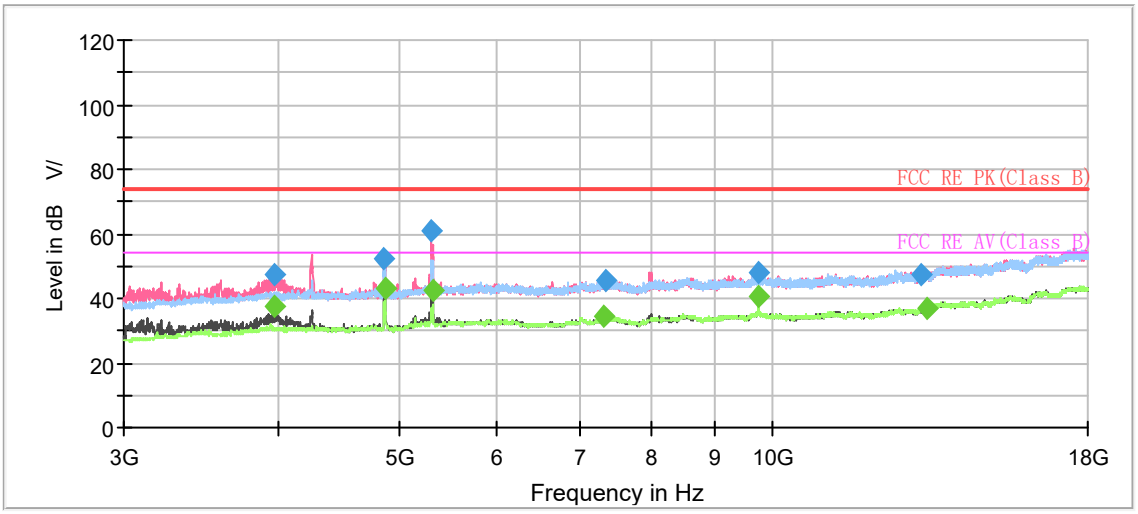
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)
2. Margin = Limit –MAX Peak/ Average

802.11g CH6



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

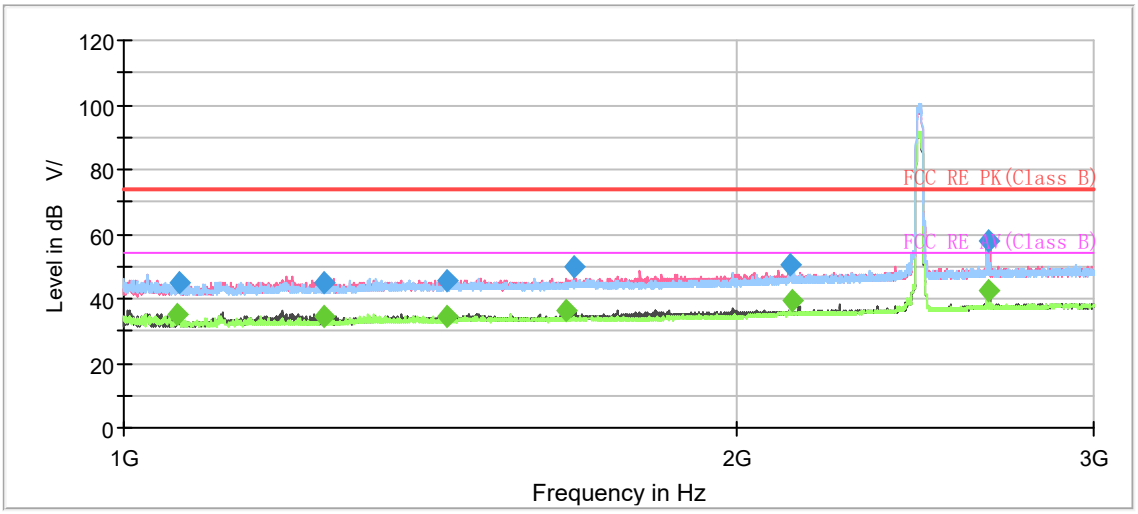


Radiates Emission from 3GHz to 18GHz

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1020.750000	---	36.32	54.00	17.68	500.0	200.0	V	215.0	-9.0
1034.250000	47.18	---	74.00	26.82	500.0	200.0	V	220.0	-8.8
1201.250000	---	35.51	54.00	18.49	500.0	200.0	V	175.0	-7.7
1205.750000	45.76	---	74.00	28.24	500.0	200.0	V	157.0	-7.7
1496.750000	---	36.25	54.00	17.75	500.0	200.0	H	136.0	-5.9
1499.250000	49.58	---	74.00	24.42	500.0	200.0	H	136.0	-5.9
1734.500000	46.98	---	74.00	27.02	500.0	100.0	V	298.0	-4.8
1738.000000	---	35.30	54.00	18.70	500.0	200.0	V	152.0	-4.8
1994.000000	---	36.92	54.00	17.08	500.0	200.0	V	47.0	-3.5
1996.750000	48.17	---	74.00	25.83	500.0	100.0	V	228.0	-3.5
2657.750000	58.58	---	74.00	15.42	500.0	100.0	V	102.0	-0.3
2662.500000	---	42.87	54.00	11.13	500.0	100.0	V	93.0	-0.3
4866.937500	52.47	---	74.00	21.53	500.0	100.0	V	14.0	-4.1
4874.190000	---	42.87	54.00	11.13	500.0	200.0	V	1.0	-4.1

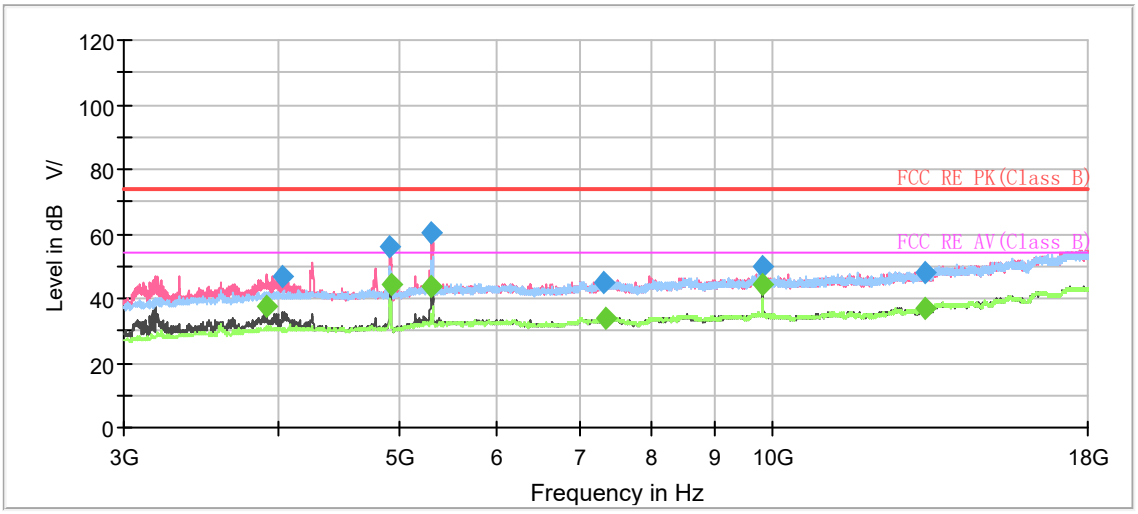
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)
2. Margin = Limit –MAX Peak/ Average

802.11g CH11



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

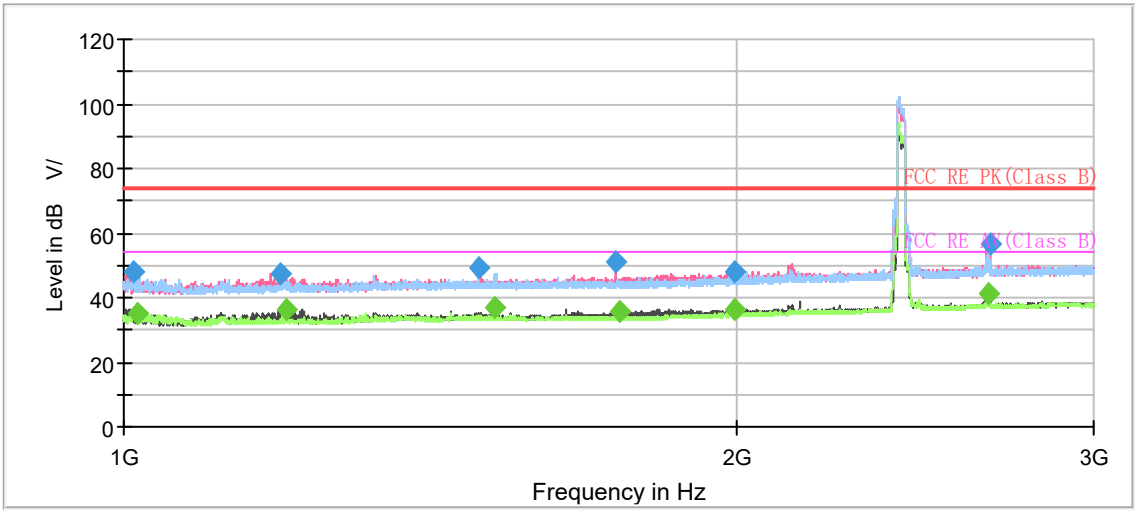


Radiates Emission from 3GHz to 18GHz

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1063.500000	---	35.36	54.00	18.64	500.0	100.0	H	230.0	-8.6
1065.750000	45.15	---	74.00	28.85	500.0	100.0	H	199.0	-8.6
1255.000000	45.06	---	74.00	28.94	500.0	100.0	V	159.0	-7.4
1255.500000	---	34.25	54.00	19.75	500.0	200.0	V	171.0	-7.4
1442.500000	---	34.50	54.00	19.50	500.0	200.0	V	166.0	-6.2
1443.750000	45.62	---	74.00	28.38	500.0	100.0	V	252.0	-6.2
1649.750000	---	36.27	54.00	17.73	500.0	200.0	V	193.0	-5.2
1665.250000	49.99	---	74.00	24.01	500.0	100.0	V	187.0	-5.1
2125.250000	50.37	---	74.00	23.63	500.0	200.0	V	53.0	-2.9
2129.750000	---	39.08	54.00	14.92	500.0	200.0	V	39.0	-2.9
2661.750000	57.57	---	74.00	16.43	500.0	200.0	V	211.0	-0.3
2662.500000	---	42.68	54.00	11.32	500.0	100.0	V	96.0	-0.3
4925.217500	56.04	---	74.00	17.96	500.0	200.0	V	13.0	-3.8
4925.940000	---	44.42	54.00	9.58	500.0	200.0	V	13.0	-3.8

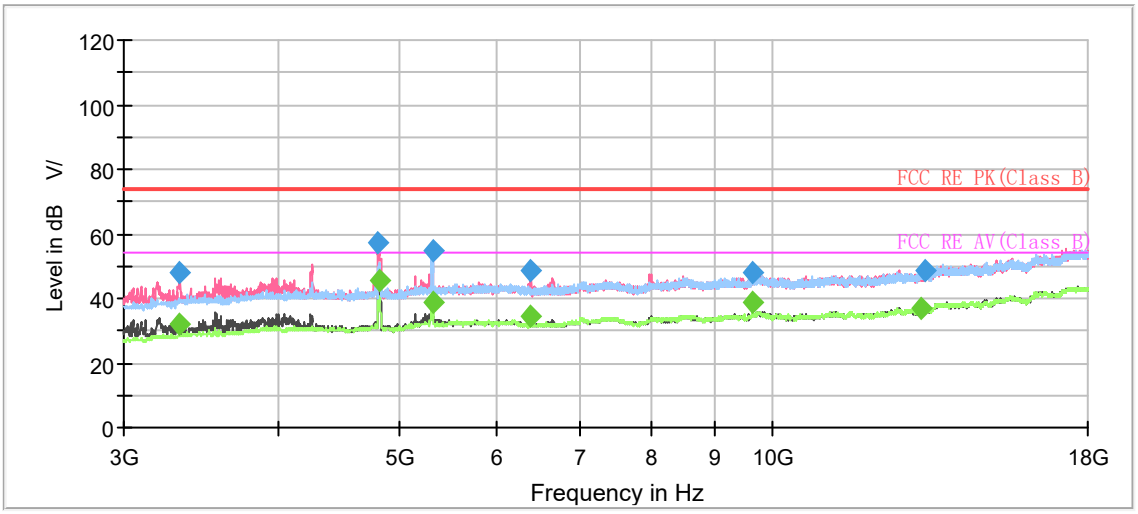
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)
2. Margin = Limit –MAX Peak/ Average

802.11n (HT20) CH1



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

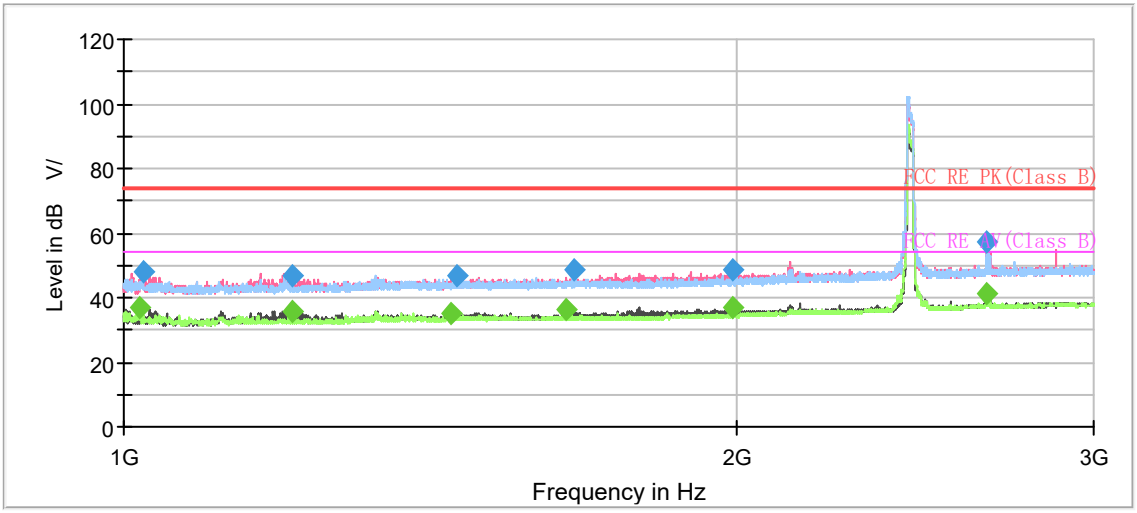


Radiates Emission from 3GHz to 18GHz

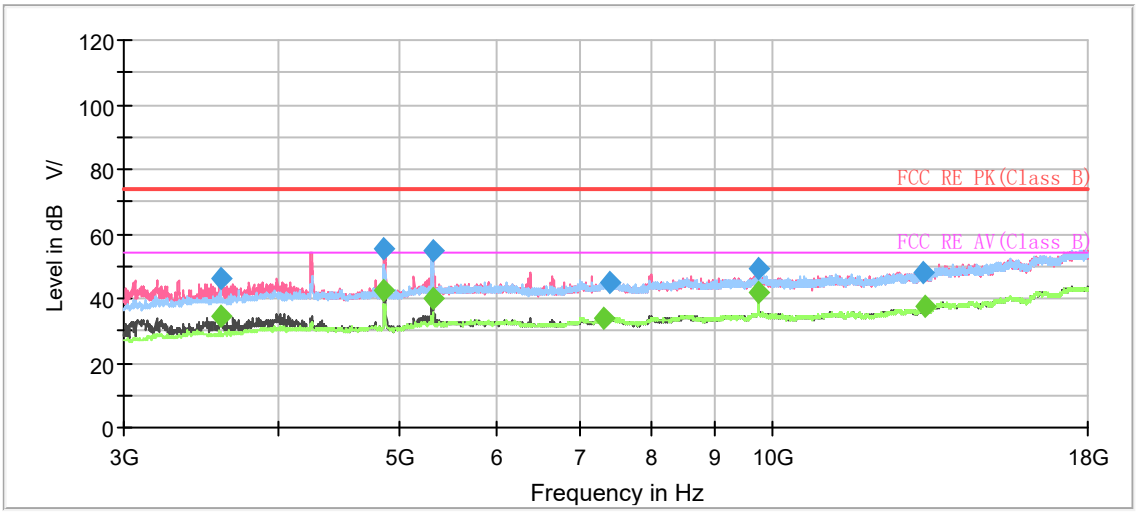
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1010.750000	47.75	---	74.00	26.25	500.0	200.0	V	198.0	-9.0
1016.250000	---	34.89	54.00	19.11	500.0	200.0	H	234.0	-9.0
1194.750000	47.42	---	74.00	26.58	500.0	200.0	V	161.0	-7.8
1202.500000	---	36.61	54.00	17.39	500.0	200.0	V	161.0	-7.7
1494.000000	48.98	---	74.00	25.02	500.0	100.0	H	170.0	-6.0
1522.250000	---	36.79	54.00	17.21	500.0	100.0	H	78.0	-5.8
1746.500000	51.05	---	74.00	22.95	500.0	100.0	V	342.0	-4.7
1755.500000	---	35.77	54.00	18.23	500.0	200.0	V	157.0	-4.7
1995.750000	---	36.60	54.00	17.40	500.0	200.0	V	193.0	-3.5
1997.750000	47.78	---	74.00	26.22	500.0	100.0	V	0.0	-3.4
2662.500000	---	41.52	54.00	12.48	500.0	200.0	V	212.0	-0.3
2666.250000	56.84	---	74.00	17.16	500.0	200.0	V	116.0	-0.3
4815.000000	57.02	---	74.00	16.98	500.0	200.0	V	359.0	-4.2
4822.500000	---	45.59	54.00	8.41	500.0	200.0	V	3.0	-4.2

Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)
2. Margin = Limit –MAX Peak/ Average

802.11n (HT20) CH6



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

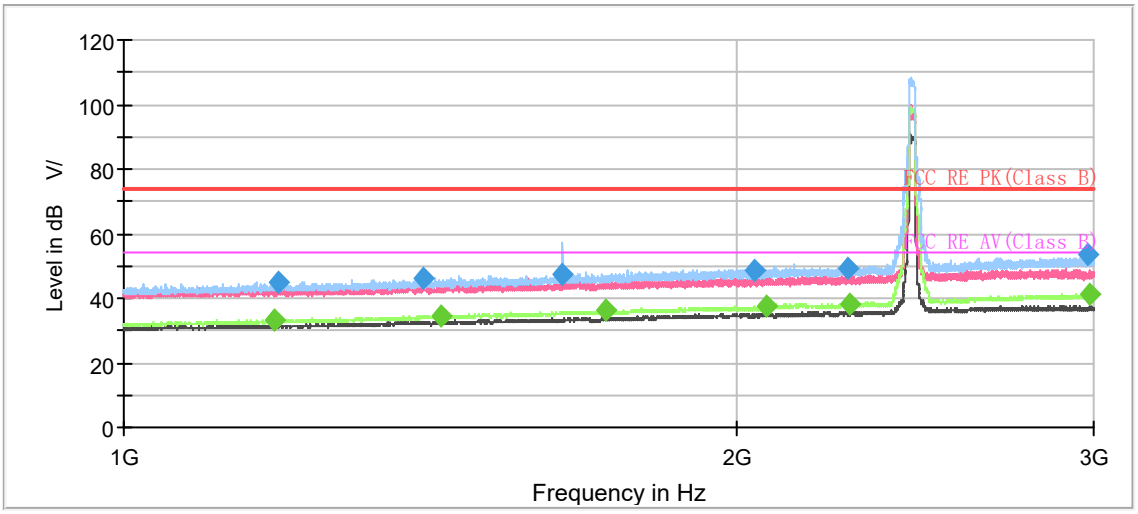


Radiates Emission from 3GHz to 18GHz

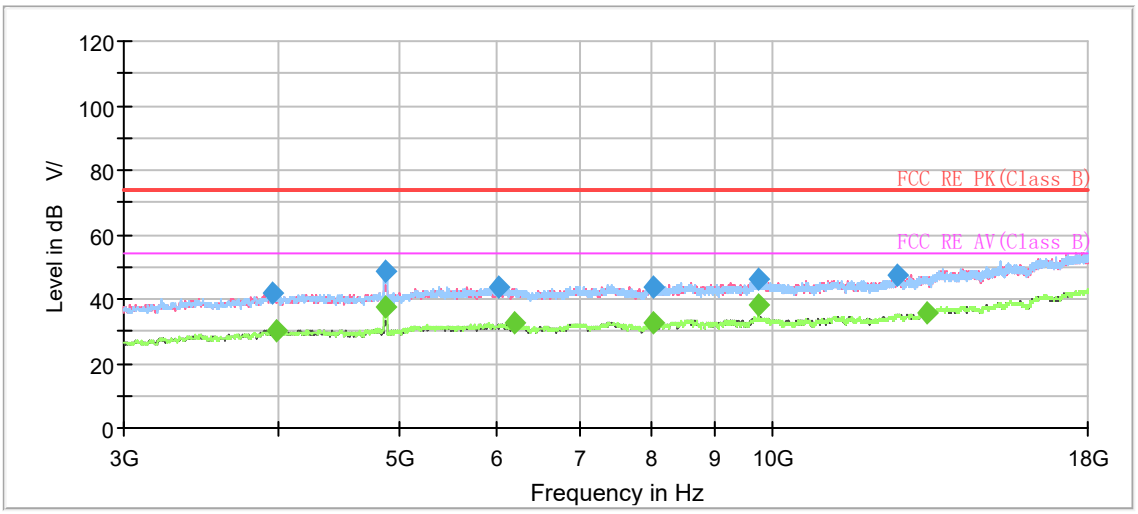
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1018.250000	---	36.64	54.00	17.36	500.0	200.0	V	206.0	-9.0
1021.750000	48.00	---	74.00	26.00	500.0	200.0	H	238.0	-8.9
1211.750000	---	35.89	54.00	18.11	500.0	200.0	V	174.0	-7.6
1211.750000	46.80	---	74.00	27.20	500.0	200.0	V	174.0	-7.6
1449.000000	---	34.81	54.00	19.19	500.0	200.0	V	146.0	-6.2
1458.750000	46.76	---	74.00	27.24	500.0	200.0	V	114.0	-6.1
1649.500000	---	36.33	54.00	17.67	500.0	200.0	V	270.0	-5.2
1666.250000	48.82	---	74.00	25.18	500.0	200.0	V	359.0	-5.1
1992.750000	48.68	---	74.00	25.32	500.0	200.0	V	6.0	-3.5
1993.250000	---	36.73	54.00	17.27	500.0	200.0	V	6.0	-3.5
2655.250000	57.34	---	74.00	16.66	500.0	100.0	V	109.0	-0.4
2656.250000	---	41.36	54.00	12.64	500.0	200.0	V	206.0	-0.4
4869.375000	---	42.34	54.00	11.66	500.0	200.0	V	4.0	-4.1
4871.250000	55.41	---	74.00	18.59	500.0	200.0	V	10.0	-4.1

Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)
2. Margin = Limit –MAX Peak/ Average

802.11n (HT20) CH7



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

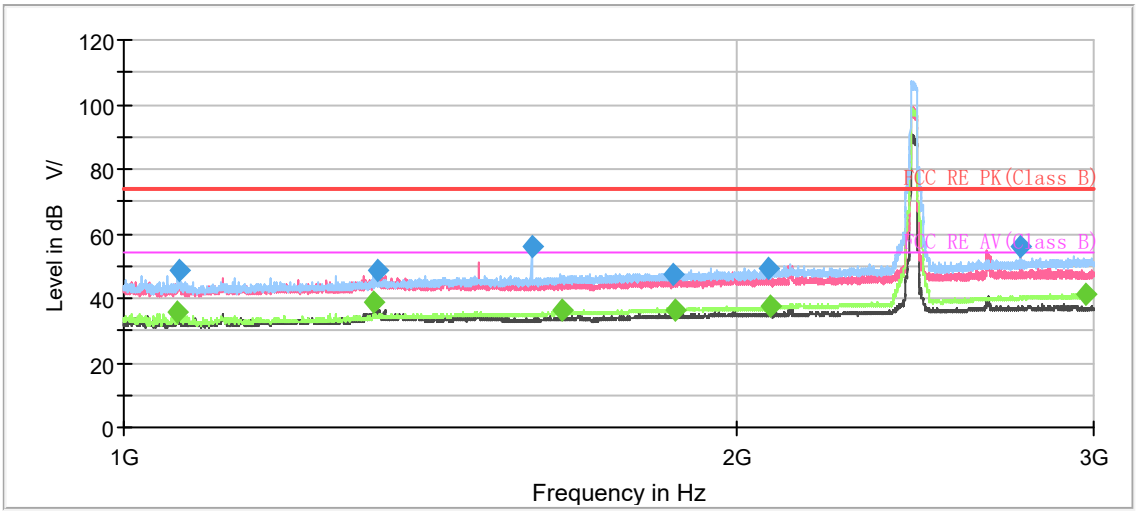


Radiates Emission from 3GHz to 18GHz

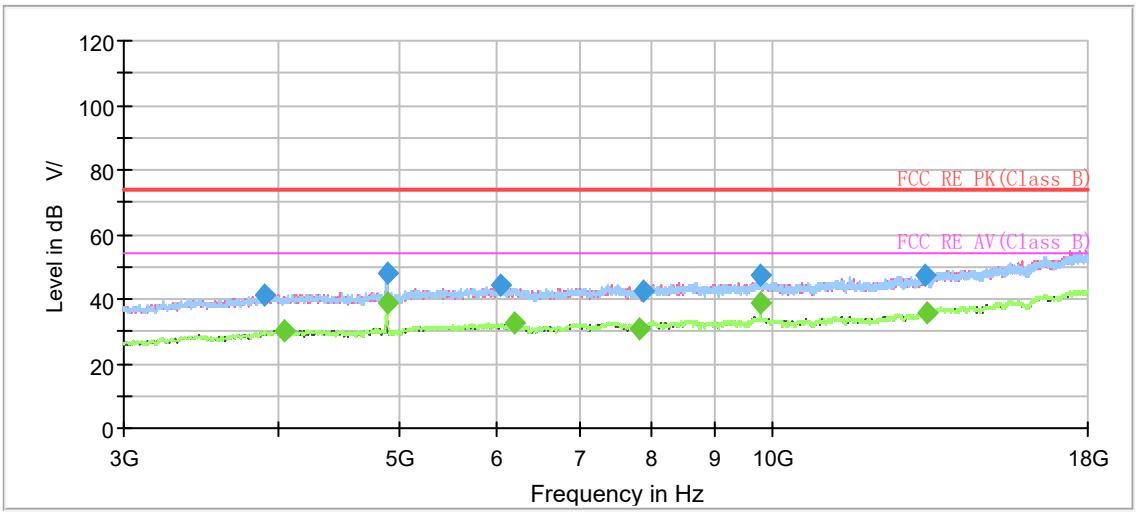
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1185.250000	---	33.14	54.00	20.86	500.0	100.0	H	91.0	-7.8
1191.250000	44.79	---	74.00	29.21	500.0	200.0	H	336.0	-7.8
1405.000000	46.22	---	74.00	27.78	500.0	200.0	H	121.0	-6.5
1434.000000	---	34.53	54.00	19.47	500.0	200.0	H	162.0	-6.3
1644.750000	47.22	---	74.00	26.78	500.0	200.0	H	80.0	-5.2
1725.250000	---	36.04	54.00	17.96	500.0	200.0	H	295.0	-4.8
2041.500000	48.91	---	74.00	25.09	500.0	100.0	H	153.0	-3.3
2071.250000	---	37.44	54.00	16.56	500.0	200.0	H	318.0	-3.1
2268.250000	48.94	---	74.00	25.06	500.0	200.0	H	322.0	-2.3
2274.250000	---	38.17	54.00	15.83	500.0	100.0	H	127.0	-2.3
2979.750000	53.28	---	74.00	20.72	500.0	200.0	H	340.0	0.4
2984.250000	---	41.32	54.00	12.68	500.0	200.0	H	197.0	0.4
9768.750000	46.43	---	74.00	27.57	500.0	200.0	V	312.0	1.5
9768.750000	---	38.05	54.00	15.95	500.0	100.0	V	345.0	1.5

Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)
2. Margin = Limit –MAX Peak/ Average

802.11n (HT20) CH8



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

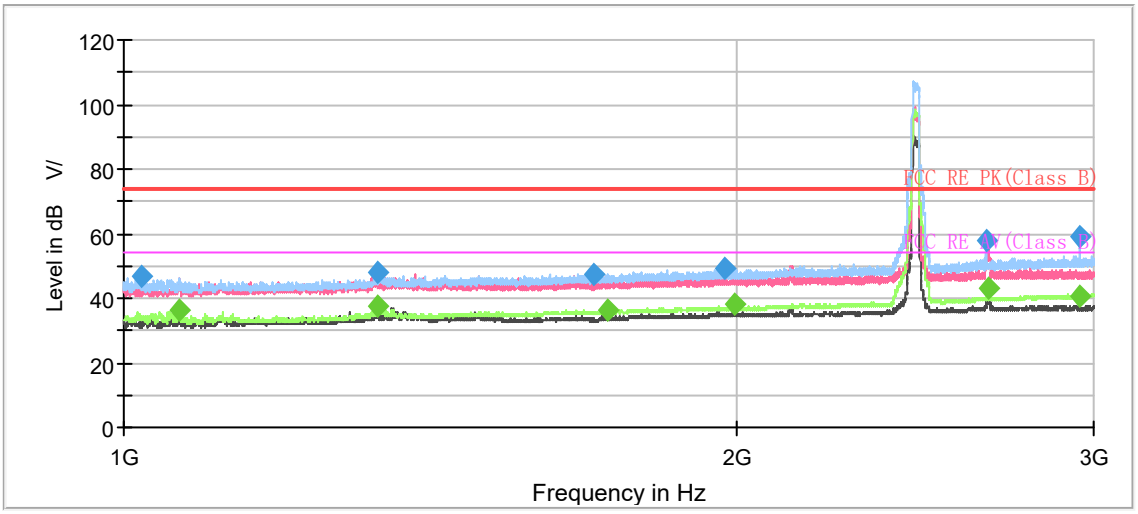


Radiates Emission from 3GHz to 18GHz

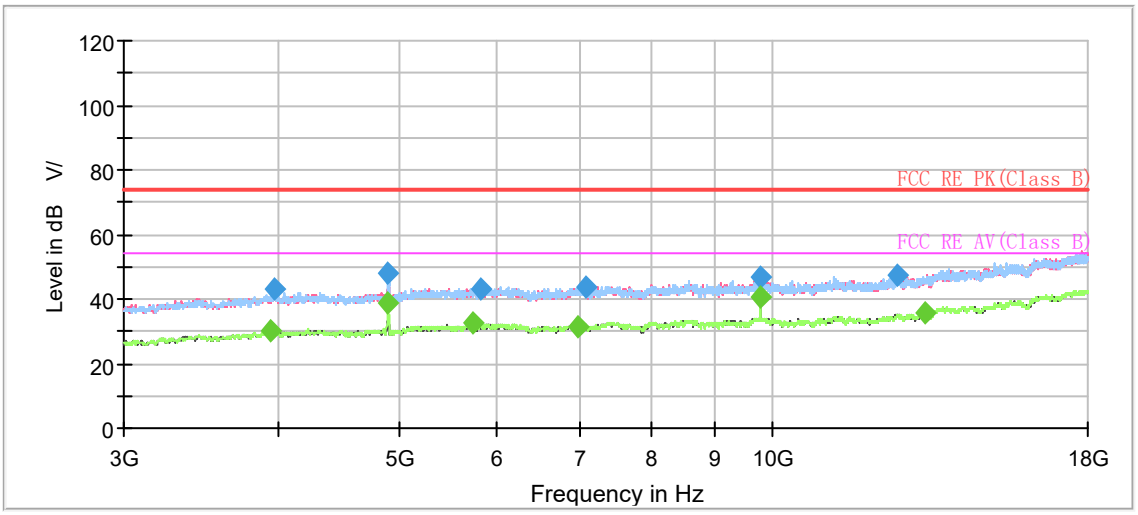
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1063.250000	---	35.73	54.00	18.27	500.0	200.0	H	233.0	-8.6
1065.250000	48.50	---	74.00	25.50	500.0	200.0	H	233.0	-8.6
1328.500000	---	38.78	54.00	15.22	500.0	200.0	V	246.0	-6.9
1332.000000	48.42	---	74.00	25.58	500.0	200.0	V	246.0	-6.9
1586.750000	56.10	---	74.00	17.90	500.0	200.0	H	329.0	-5.6
1643.500000	---	36.13	54.00	17.87	500.0	200.0	H	301.0	-5.2
1862.000000	47.59	---	74.00	26.41	500.0	200.0	H	320.0	-4.1
1867.000000	---	36.59	54.00	17.41	500.0	200.0	H	147.0	-4.1
2076.000000	49.49	---	74.00	24.51	500.0	200.0	H	193.0	-3.1
2079.250000	---	37.50	54.00	16.50	500.0	200.0	H	305.0	-3.1
2760.250000	55.82	---	74.00	18.18	500.0	200.0	V	169.0	-0.1
2974.000000	---	41.28	54.00	12.72	500.0	200.0	H	165.0	0.4
9787.500000	47.36	---	74.00	26.64	500.0	200.0	V	0.0	1.4
9787.500000	---	38.94	54.00	15.06	500.0	200.0	V	0.0	1.4

Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)
2. Margin = Limit –MAX Peak/ Average

802.11n (HT20) CH9



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

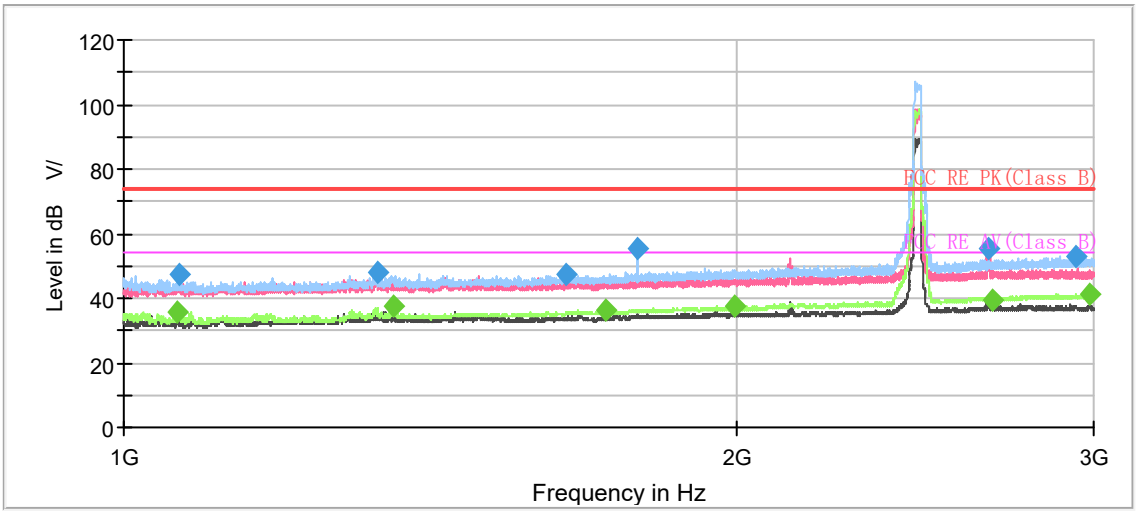


Radiates Emission from 3GHz to 18GHz

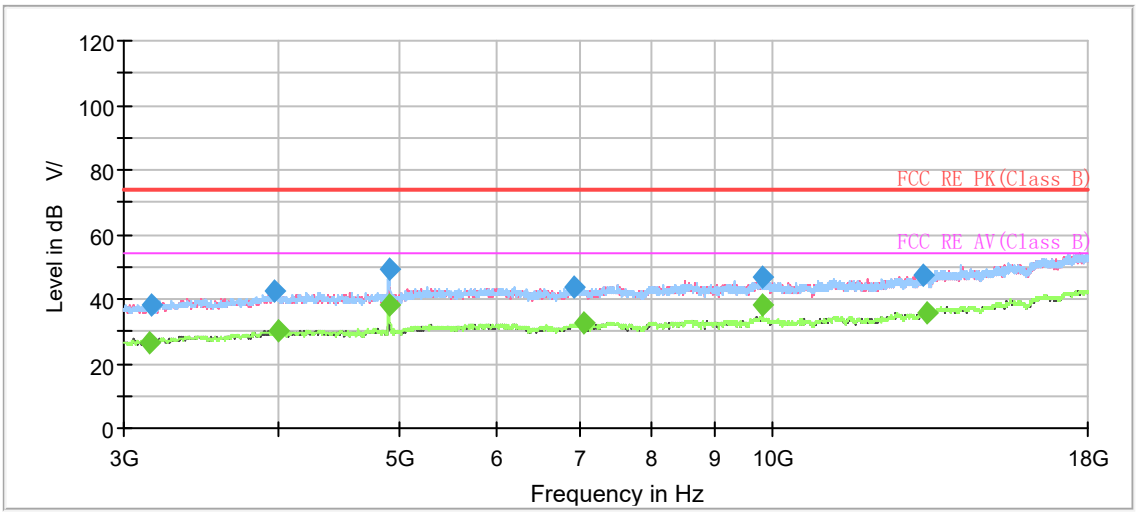
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1020.250000	46.94	---	74.00	27.06	500.0	200.0	H	241.0	-9.0
1064.500000	---	36.33	54.00	17.67	500.0	100.0	H	219.0	-8.6
1332.000000	47.81	---	74.00	26.19	500.0	100.0	H	232.0	-6.9
1332.250000	---	37.62	54.00	16.38	500.0	200.0	H	255.0	-6.9
1705.000000	47.34	---	74.00	26.66	500.0	200.0	H	185.0	-4.9
1728.750000	---	36.16	54.00	17.84	500.0	200.0	H	340.0	-4.8
1973.750000	49.40	---	74.00	24.60	500.0	200.0	H	251.0	-3.6
1995.750000	---	37.95	54.00	16.05	500.0	200.0	H	245.0	-3.5
2654.500000	58.09	---	74.00	15.91	500.0	200.0	H	181.0	-0.4
2661.750000	---	42.93	54.00	11.07	500.0	200.0	V	246.0	-0.3
2953.250000	---	40.53	54.00	13.47	500.0	200.0	H	344.0	0.4
2954.500000	58.90	---	74.00	15.10	500.0	200.0	H	0.0	0.4
9808.125000	46.94	---	74.00	27.06	500.0	200.0	V	307.0	1.4
9808.125000	---	40.47	54.00	13.53	500.0	200.0	V	307.0	1.4

Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)
2. Margin = Limit –MAX Peak/ Average

802.11n (HT20) CH10



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

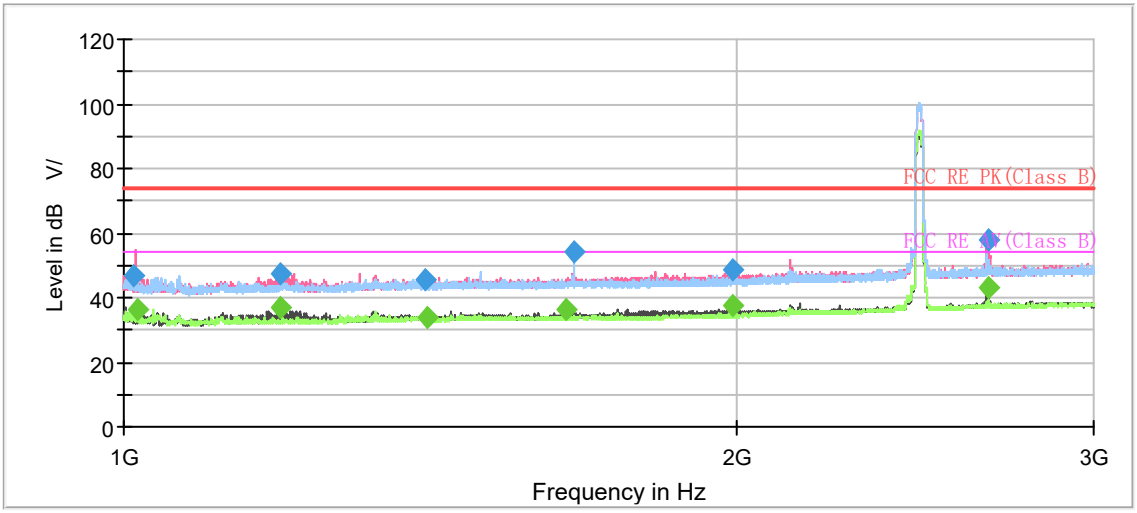


Radiates Emission from 3GHz to 18GHz

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1063.250000	---	35.70	54.00	18.30	500.0	200.0	H	217.0	-8.6
1063.750000	47.41	---	74.00	26.59	500.0	200.0	H	217.0	-8.6
1333.000000	48.22	---	74.00	25.78	500.0	100.0	H	223.0	-6.9
1356.750000	---	37.71	54.00	16.29	500.0	200.0	H	226.0	-6.8
1651.250000	47.58	---	74.00	26.42	500.0	200.0	H	302.0	-5.2
1726.500000	---	36.18	54.00	17.82	500.0	200.0	H	114.0	-4.8
1788.000000	55.48	---	74.00	18.52	500.0	200.0	H	182.0	-4.5
1996.500000	---	37.82	54.00	16.18	500.0	200.0	H	280.0	-3.5
2662.000000	55.64	---	74.00	18.36	500.0	200.0	V	118.0	-0.3
2672.500000	---	39.59	54.00	14.41	500.0	200.0	H	270.0	-0.3
2939.250000	52.90	---	74.00	21.10	500.0	200.0	H	0.0	0.3
2986.000000	---	41.15	54.00	12.85	500.0	200.0	H	351.0	0.4
4912.500000	---	37.93	54.00	16.07	500.0	100.0	H	41.0	-3.9
4918.125000	48.93	---	74.00	25.07	500.0	100.0	H	41.0	-3.9

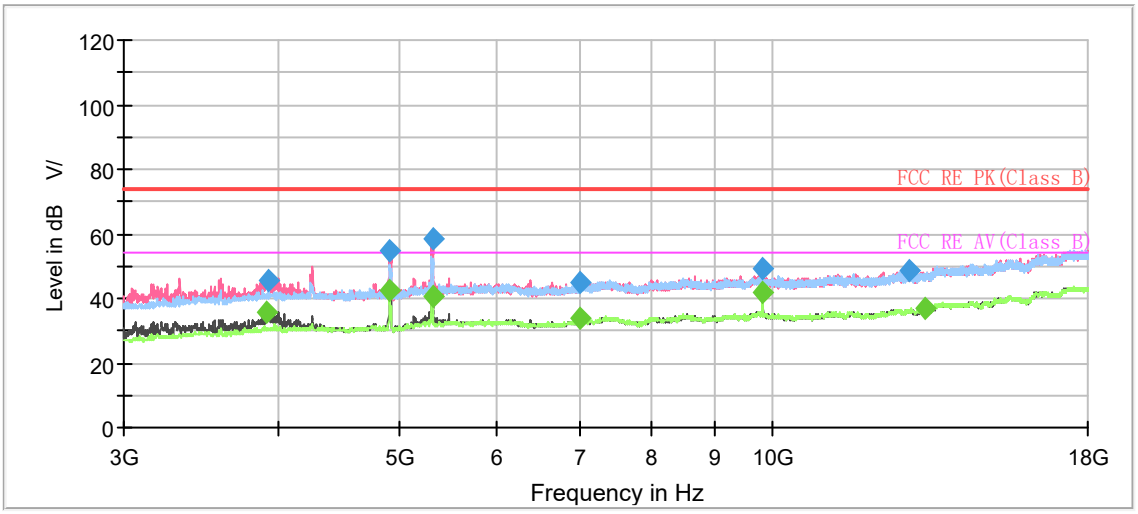
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)
2. Margin = Limit –MAX Peak/ Average

802.11n (HT20) CH11



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

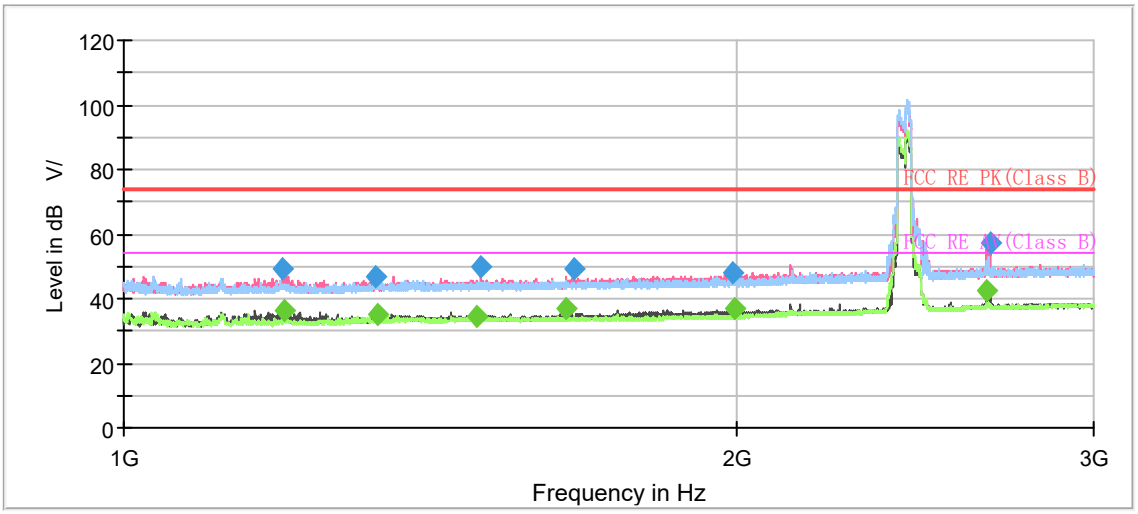


Radiates Emission from 3GHz to 18GHz

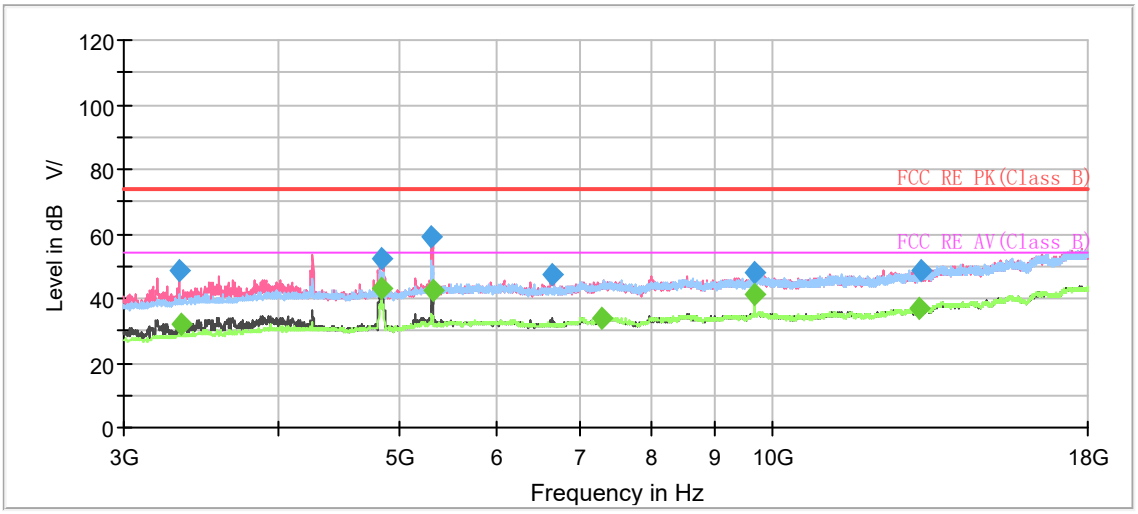
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1011.750000	46.78	---	74.00	27.22	500.0	200.0	H	56.0	-9.0
1015.750000	---	36.00	54.00	18.00	500.0	200.0	H	56.0	-9.0
1195.500000	---	36.93	54.00	17.07	500.0	200.0	V	164.0	-7.8
1195.500000	47.49	---	74.00	26.51	500.0	200.0	V	164.0	-7.8
1407.250000	45.50	---	74.00	28.50	500.0	200.0	V	150.0	-6.4
1410.000000	---	34.08	54.00	19.92	500.0	200.0	V	174.0	-6.4
1650.000000	---	36.42	54.00	17.58	500.0	200.0	V	243.0	-5.2
1666.750000	53.95	---	74.00	20.05	500.0	200.0	H	106.0	-5.1
1992.750000	---	37.48	54.00	16.52	500.0	100.0	V	236.0	-3.5
1993.500000	48.75	---	74.00	25.25	500.0	200.0	V	356.0	-3.5
2664.250000	---	43.32	54.00	10.68	500.0	200.0	V	215.0	-0.3
2665.750000	57.91	---	74.00	16.09	500.0	200.0	V	215.0	-0.3
4921.875000	54.56	---	74.00	19.44	500.0	200.0	V	20.0	-3.8
4923.750000	---	42.53	54.00	11.47	500.0	200.0	V	20.0	-3.8

Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)
2. Margin = Limit –MAX Peak/ Average

802.11n (HT40) CH3



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

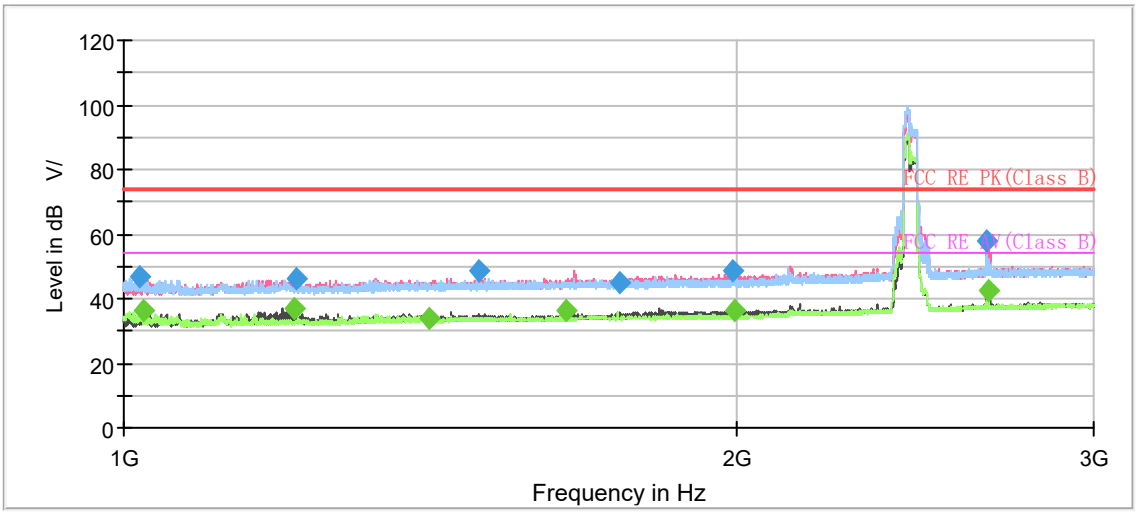


Radiates Emission from 3GHz to 18GHz

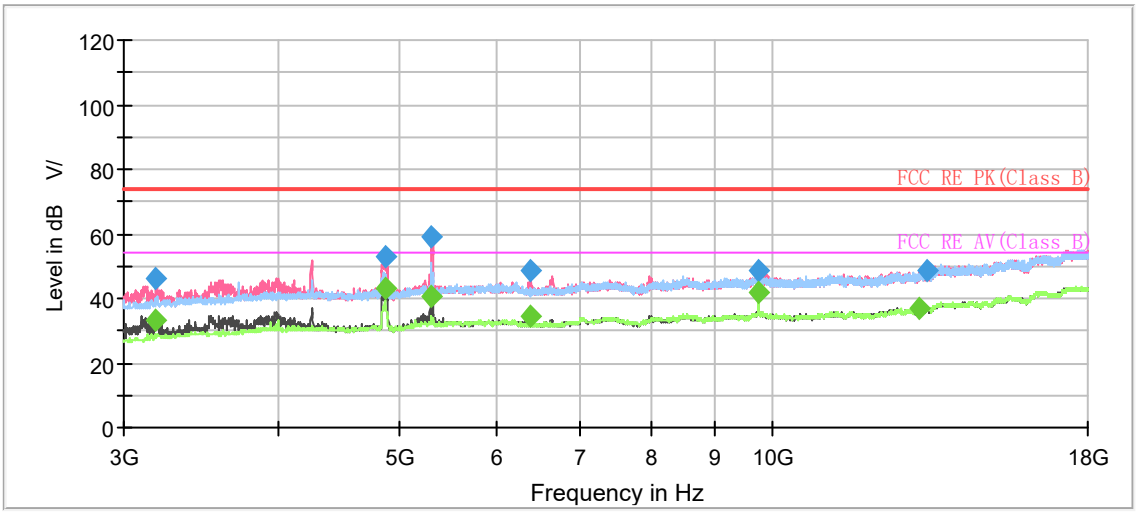
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1197.750000	49.14	---	74.00	24.86	500.0	100.0	V	167.0	-7.7
1198.500000	---	36.21	54.00	17.79	500.0	200.0	V	165.0	-7.7
1329.750000	46.51	---	74.00	27.49	500.0	100.0	H	225.0	-6.9
1332.250000	---	35.05	54.00	18.95	500.0	200.0	V	253.0	-6.9
1492.500000	---	34.39	54.00	19.61	500.0	200.0	V	38.0	-6.0
1499.750000	49.82	---	74.00	24.18	500.0	200.0	V	175.0	-5.9
1649.750000	---	36.67	54.00	17.33	500.0	200.0	V	244.0	-5.2
1665.000000	49.40	---	74.00	24.60	500.0	100.0	V	297.0	-5.1
1995.250000	48.18	---	74.00	25.82	500.0	200.0	V	0.0	-3.5
1998.250000	---	36.93	54.00	17.07	500.0	100.0	V	222.0	-3.4
2658.500000	---	42.59	54.00	11.41	500.0	200.0	V	212.0	-0.3
2666.750000	57.40	---	74.00	16.60	500.0	100.0	V	103.0	-0.3
4837.500000	52.40	---	74.00	21.60	500.0	200.0	V	0.0	-4.2
4843.125000	---	43.02	54.00	10.98	500.0	200.0	V	0.0	-4.1

Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)
2. Margin = Limit –MAX Peak/ Average

802.11n (HT40) CH6



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

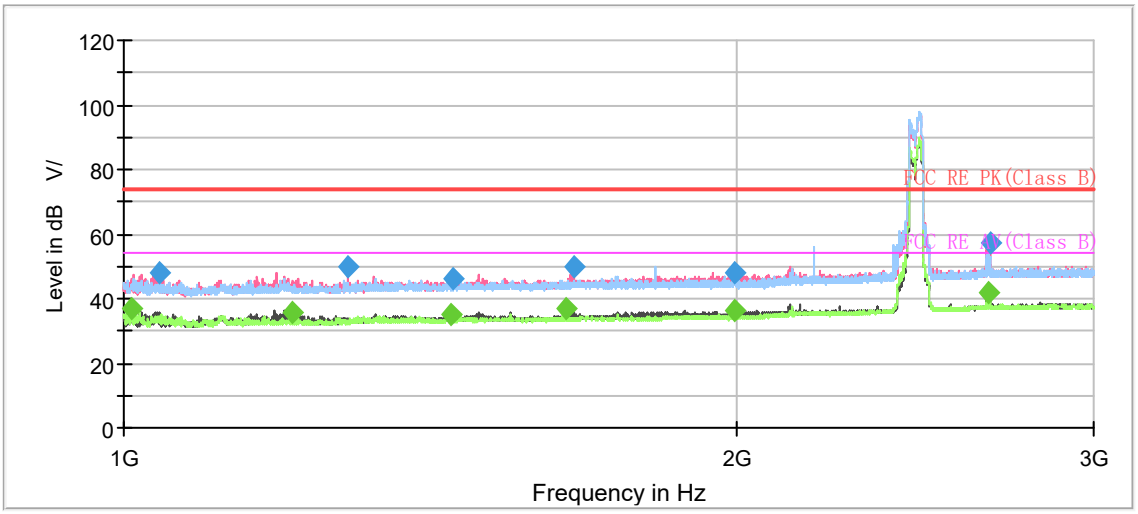


Radiates Emission from 3GHz to 18GHz

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1019.250000	46.80	---	74.00	27.20	500.0	200.0	V	191.0	-9.0
1023.000000	---	36.12	54.00	17.88	500.0	200.0	V	210.0	-8.9
1214.250000	---	36.79	54.00	17.21	500.0	200.0	V	178.0	-7.6
1215.000000	45.93	---	74.00	28.07	500.0	200.0	V	178.0	-7.6
1412.750000	---	33.93	54.00	20.07	500.0	200.0	V	125.0	-6.4
1495.750000	48.79	---	74.00	25.21	500.0	200.0	V	134.0	-6.0
1649.750000	---	36.38	54.00	17.62	500.0	200.0	V	260.0	-5.2
1753.750000	45.11	---	74.00	28.89	500.0	200.0	H	299.0	-4.7
1992.250000	48.34	---	74.00	25.66	500.0	100.0	V	214.0	-3.5
1998.250000	---	36.20	54.00	17.80	500.0	200.0	V	0.0	-3.4
2658.500000	58.10	---	74.00	15.90	500.0	200.0	V	219.0	-0.3
2664.000000	---	42.63	54.00	11.37	500.0	200.0	V	106.0	-0.3
4873.125000	---	43.37	54.00	10.63	500.0	200.0	V	15.0	-4.1
4873.125000	53.04	---	74.00	20.96	500.0	200.0	V	15.0	-4.1

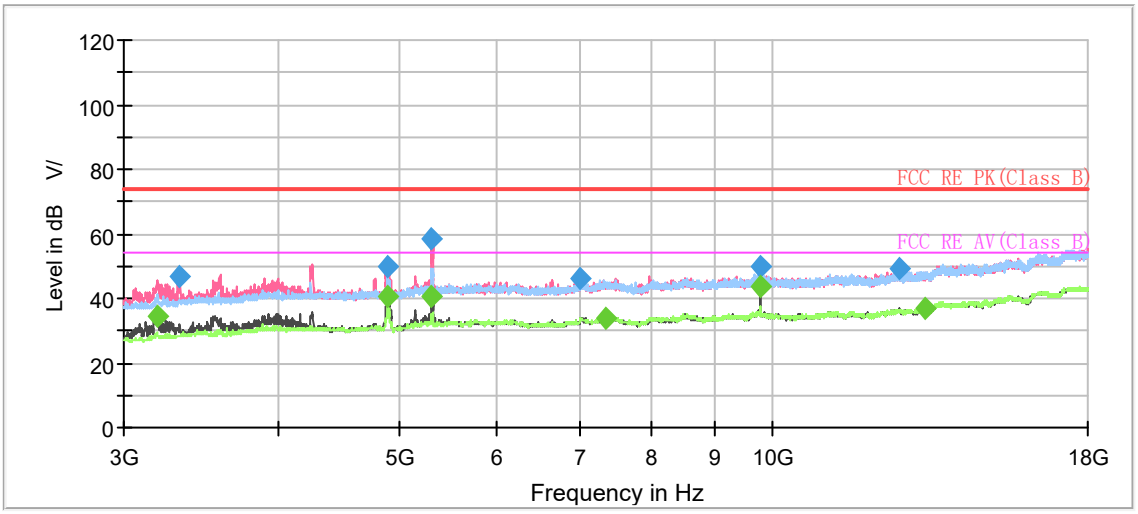
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)
2. Margin = Limit –MAX Peak/ Average

802.11n (HT40) CH9



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

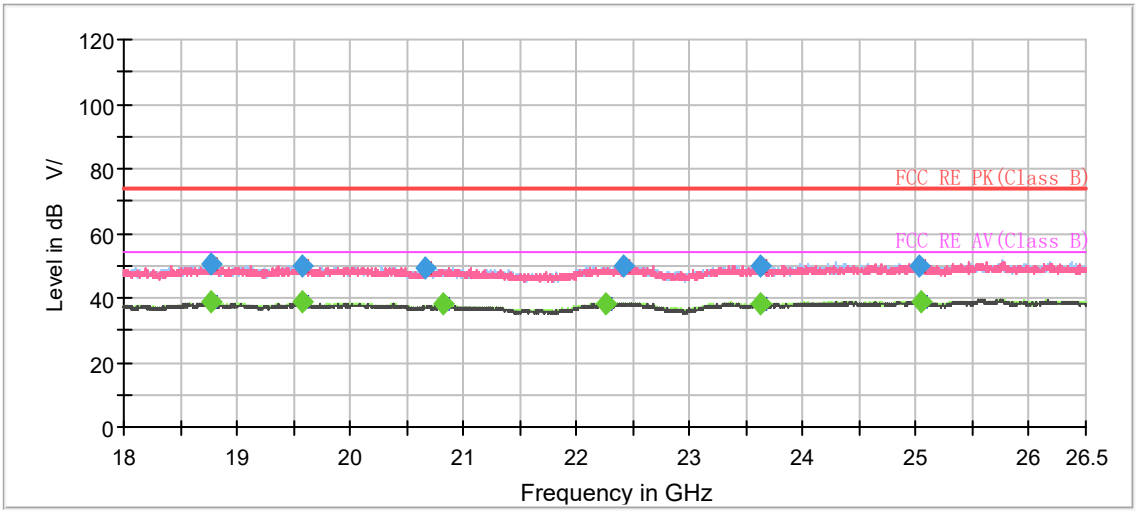


Radiates Emission from 3GHz to 18GHz

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1009.250000	---	36.67	54.00	17.33	500.0	200.0	V	197.0	-9.0
1040.250000	47.76	---	74.00	26.24	500.0	200.0	V	197.0	-8.8
1210.500000	---	35.97	54.00	18.03	500.0	200.0	V	169.0	-7.7
1289.000000	49.79	---	74.00	24.21	500.0	100.0	V	199.0	-7.2
1449.750000	---	35.30	54.00	18.70	500.0	200.0	V	72.0	-6.2
1453.500000	45.88	---	74.00	28.12	500.0	100.0	V	226.0	-6.2
1649.750000	---	36.71	54.00	17.29	500.0	200.0	V	252.0	-5.2
1664.000000	49.85	---	74.00	24.15	500.0	200.0	V	169.0	-5.1
1997.000000	48.19	---	74.00	25.81	500.0	100.0	V	16.0	-3.4
1997.000000	---	36.55	54.00	17.45	500.0	100.0	V	16.0	-3.4
2663.250000	---	41.80	54.00	12.20	500.0	100.0	V	116.0	-0.3
2666.500000	57.06	---	74.00	16.94	500.0	200.0	V	110.0	-0.3
9808.125000	49.67	---	74.00	24.33	500.0	200.0	V	292.0	1.4
9808.125000	---	43.56	54.00	10.44	500.0	200.0	V	292.0	1.4

Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)
2. Margin = Limit –MAX Peak/ Average

During the test, the Radiates Emission from 18GHz to 26.5GHz was performed in all modes with all channels, **802.11b, Channel 5** 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

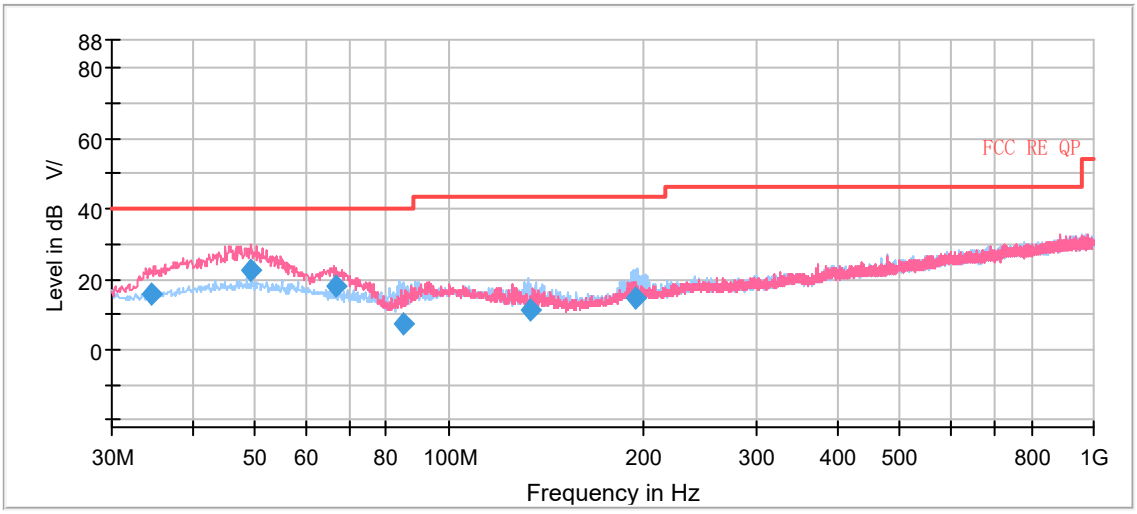
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
18763.937500	50.38	---	74.00	23.62	500.0	100.0	V	27.0	-6.6
18779.875000	---	38.57	54.00	15.43	500.0	200.0	H	275.0	-6.7
19570.375000	50.00	---	74.00	24.00	500.0	100.0	H	62.0	-7.2
19584.187500	---	38.51	54.00	15.49	500.0	100.0	V	0.0	-7.2
20657.312500	49.43	---	74.00	24.57	500.0	200.0	V	321.0	-6.7
20825.187500	---	37.94	54.00	16.06	500.0	200.0	H	51.0	-6.9
22256.375000	---	38.45	54.00	15.55	500.0	200.0	V	0.0	-5.7
22414.687500	49.94	---	74.00	24.06	500.0	100.0	H	280.0	-5.5
23617.437500	50.11	---	74.00	23.89	500.0	200.0	H	174.0	-5.2
23627.000000	---	37.90	54.00	16.10	500.0	100.0	H	299.0	-5.2
25029.500000	50.07	---	74.00	23.93	500.0	100.0	V	41.0	-3.9
25049.687500	---	38.50	54.00	15.50	500.0	200.0	H	6.0	-3.9

Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)
2. Margin = Limit –MAX Peak/ Average

Bluetooth LE

During the test, the Radiates Emission from 30MHz to 1GHz was performed in all modes with all channels, **Bluetooth LE-Channel 19** are selected as the worst condition. The test data of the worst-case condition was recorded in this report.

A symbol (dB V/) in the test plot below means (dBμV/m)



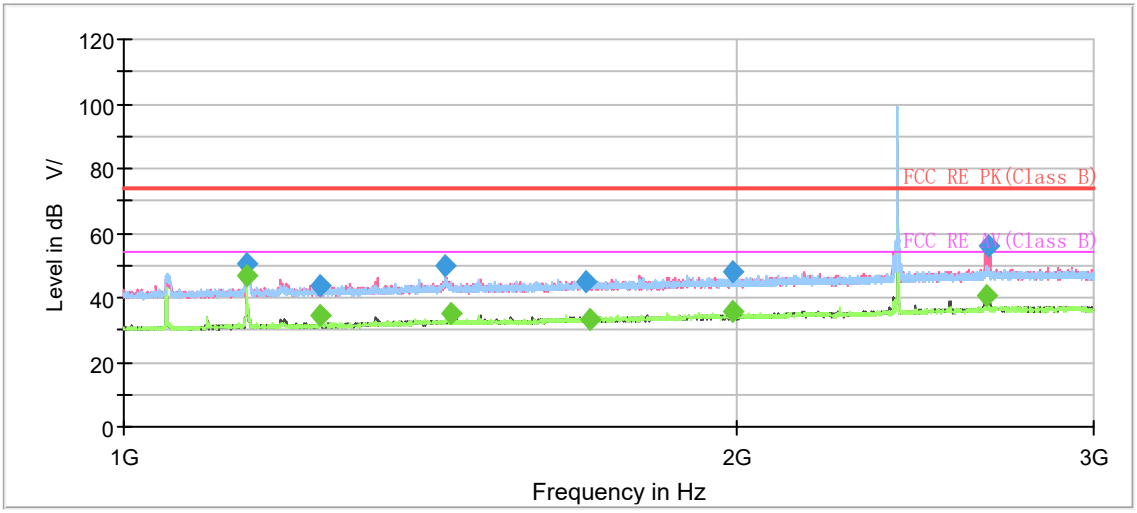
Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
34.675750	16.07	40.00	23.93	100.0	V	284.0	17.6
49.233000	22.53	40.00	17.47	100.0	V	318.0	20.6
66.806344	18.00	40.00	22.00	100.0	V	25.0	17.3
84.903550	7.57	40.00	32.43	184.0	H	234.0	14.5
133.437000	11.08	43.50	32.42	175.0	H	269.0	15.1
194.568000	14.61	43.50	28.89	125.0	H	104.0	18.5

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

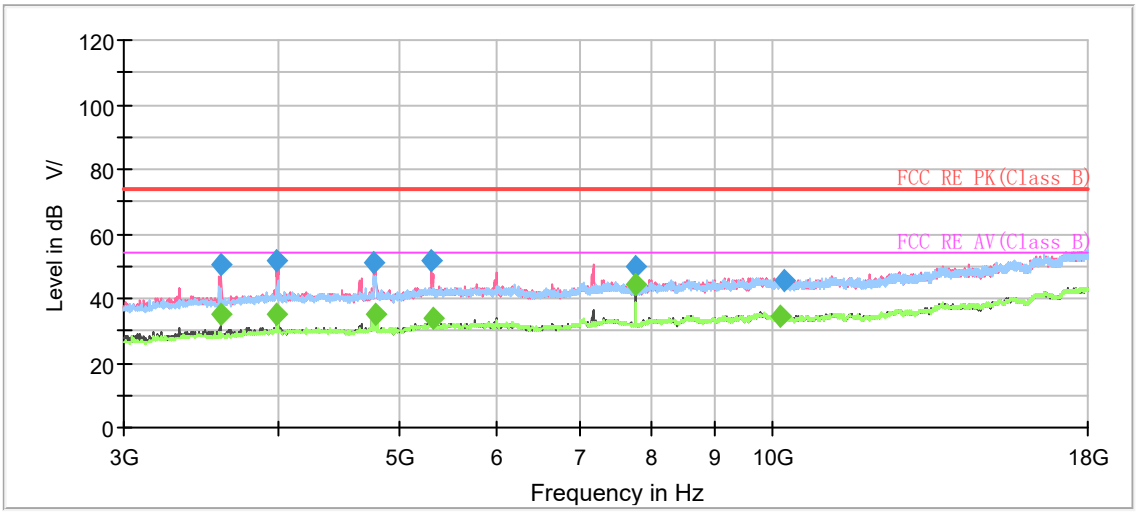
2. Margin = Limit – Quasi-Peak

Bluetooth LE-Channel 0



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

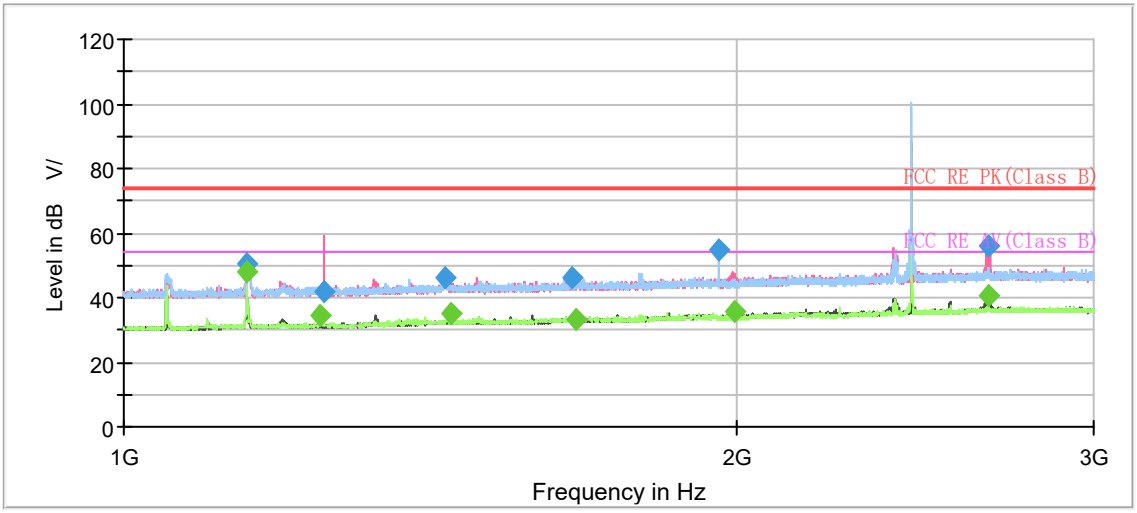


Radiates Emission from 3GHz to 18GHz

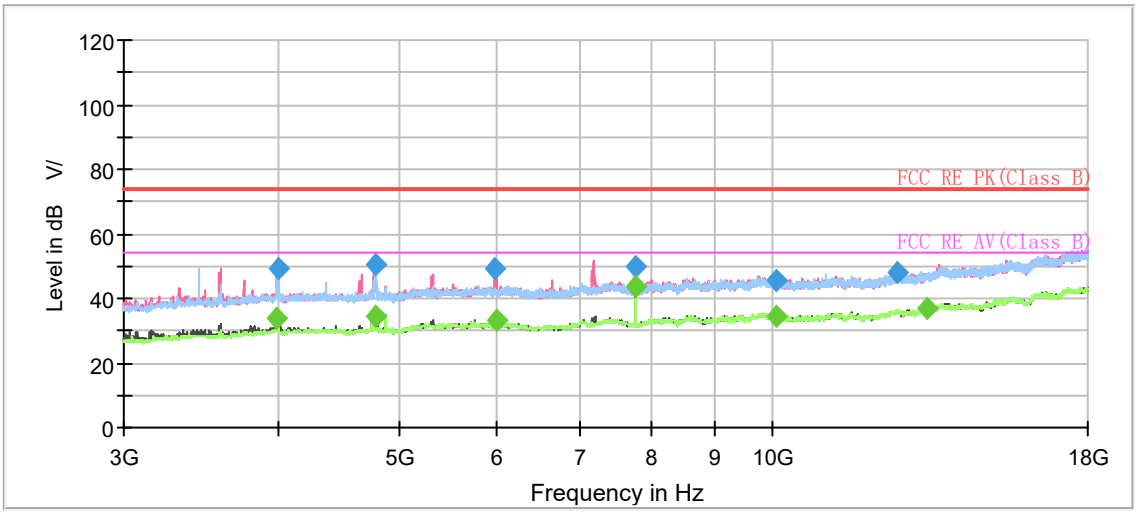
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1149.750000	---	46.96	54.00	7.04	500.0	200.0	V	330.0	-8.1
1149.750000	50.71	---	74.00	23.29	500.0	200.0	H	113.0	-8.1
1249.500000	---	34.32	54.00	19.68	500.0	200.0	V	189.0	-7.4
1249.500000	43.80	---	74.00	30.20	500.0	100.0	V	29.0	-7.4
1440.250000	49.91	---	74.00	24.09	500.0	200.0	H	267.0	-6.2
1449.750000	---	34.90	54.00	19.10	500.0	100.0	V	266.0	-6.2
1688.500000	44.66	---	74.00	29.34	500.0	100.0	V	246.0	-5.0
1694.750000	---	33.15	54.00	20.85	500.0	100.0	V	123.0	-5.0
1994.750000	47.77	---	74.00	26.23	500.0	100.0	H	126.0	-3.5
1994.750000	---	35.82	54.00	18.18	500.0	200.0	V	160.0	-3.5
2655.250000	---	40.87	54.00	13.13	500.0	100.0	V	173.0	-0.4
2661.500000	56.04	---	74.00	17.96	500.0	200.0	V	184.0	-0.3
7766.250000	---	44.54	54.00	9.46	500.0	200.0	V	169.0	-1.1
7766.250000	49.96	---	74.00	24.04	500.0	200.0	V	169.0	-1.1

Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)
2. Margin = Limit –MAX Peak/ Average

Bluetooth LE-Channel 19



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

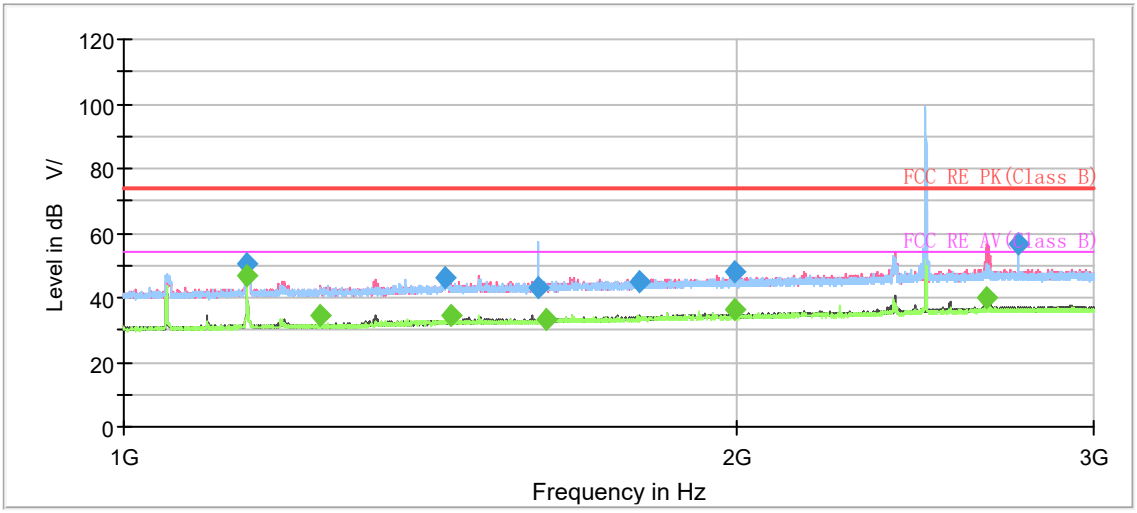


Radiates Emission from 3GHz to 18GHz

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1149.750000	---	47.85	54.00	6.15	500.0	200.0	H	114.0	-8.1
1149.750000	50.74	---	74.00	23.26	500.0	200.0	H	114.0	-8.1
1249.500000	---	34.16	54.00	19.84	500.0	200.0	V	354.0	-7.4
1255.500000	41.76	---	74.00	32.24	500.0	100.0	V	181.0	-7.4
1440.250000	46.39	---	74.00	27.61	500.0	100.0	V	146.0	-6.2
1449.500000	---	35.13	54.00	18.87	500.0	200.0	V	16.0	-6.2
1661.500000	46.01	---	74.00	27.99	500.0	100.0	V	161.0	-5.1
1670.000000	---	33.20	54.00	20.80	500.0	100.0	H	71.0	-5.1
1963.250000	54.69	---	74.00	19.31	500.0	200.0	H	357.0	-3.6
1998.250000	---	35.94	54.00	18.06	500.0	200.0	V	205.0	-3.4
2662.500000	55.75	---	74.00	18.25	500.0	100.0	V	275.0	-0.3
2665.750000	---	40.91	54.00	13.09	500.0	100.0	V	275.0	-0.3
7766.250000	---	43.89	54.00	10.11	500.0	200.0	V	172.0	-1.1
7766.250000	49.94	---	74.00	24.06	500.0	200.0	V	172.0	-1.1

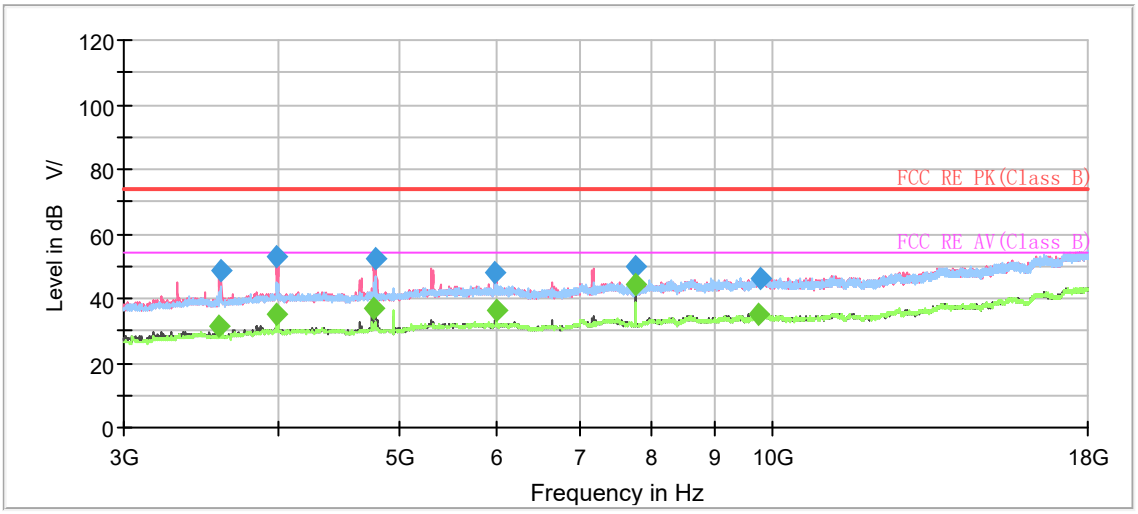
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)
2. Margin = Limit –MAX Peak/ Average

Bluetooth LE-Channel 39



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

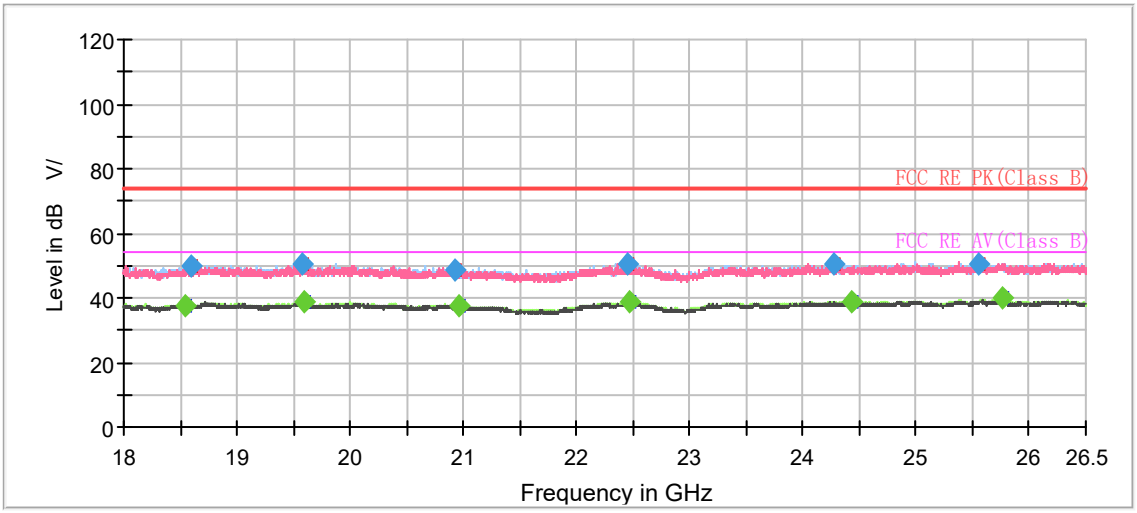


Radiates Emission from 3GHz to 18GHz

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1149.500000	---	46.74	54.00	7.26	500.0	200.0	V	334.0	-8.1
1150.000000	50.29	---	74.00	23.71	500.0	200.0	H	122.0	-8.1
1249.500000	---	34.45	54.00	19.55	500.0	200.0	V	22.0	-7.4
1440.250000	45.89	---	74.00	28.11	500.0	200.0	V	146.0	-6.2
1449.750000	---	34.76	54.00	19.24	500.0	200.0	V	7.0	-6.2
1599.500000	42.85	---	74.00	31.15	500.0	200.0	V	175.0	-5.5
1613.750000	---	33.02	54.00	20.98	500.0	200.0	V	73.0	-5.4
1792.250000	44.95	---	74.00	29.05	500.0	200.0	V	132.0	-4.5
1996.000000	48.04	---	74.00	25.96	500.0	200.0	V	180.0	-3.5
1997.750000	---	36.18	54.00	17.82	500.0	200.0	V	190.0	-3.4
2657.250000	---	40.30	54.00	13.70	500.0	100.0	V	278.0	-0.4
2754.250000	56.90	---	74.00	17.10	500.0	200.0	H	0.0	-0.1
7766.250000	49.64	---	74.00	24.36	500.0	200.0	V	167.0	-1.1
7766.250000	---	44.23	54.00	9.77	500.0	200.0	V	167.0	-1.1

Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)
2. Margin = Limit –MAX Peak/ Average

During the test, the Radiates Emission from 18GHz to 26.5GHz was performed in all modes with all channels, **Bluetooth LE-Channel 19** 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

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
18546.125000	---	37.81	54.00	16.19	500.0	200.0	H	243.0	-7.3
18603.500000	49.91	---	74.00	24.09	500.0	100.0	H	213.0	-7.1
19571.437500	50.69	---	74.00	23.31	500.0	200.0	H	181.0	-7.2
19593.750000	---	38.73	54.00	15.27	500.0	200.0	H	29.0	-7.2
20927.187500	48.50	---	74.00	25.50	500.0	200.0	H	120.0	-7.0
20958.000000	---	37.34	54.00	16.66	500.0	200.0	H	153.0	-7.1
22446.562500	50.34	---	74.00	23.66	500.0	100.0	H	306.0	-5.6
22464.625000	---	38.54	54.00	15.46	500.0	200.0	H	153.0	-5.6
24281.500000	50.31	---	74.00	23.69	500.0	100.0	H	350.0	-4.3
24436.625000	---	38.84	54.00	15.16	500.0	200.0	H	210.0	-4.2
25551.187500	50.71	---	74.00	23.29	500.0	200.0	H	153.0	-3.6
25760.500000	---	39.88	54.00	14.12	500.0	200.0	H	87.0	-3.7

Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)
2. Margin = Limit –MAX Peak/ Average

5.7. Conducted Emission

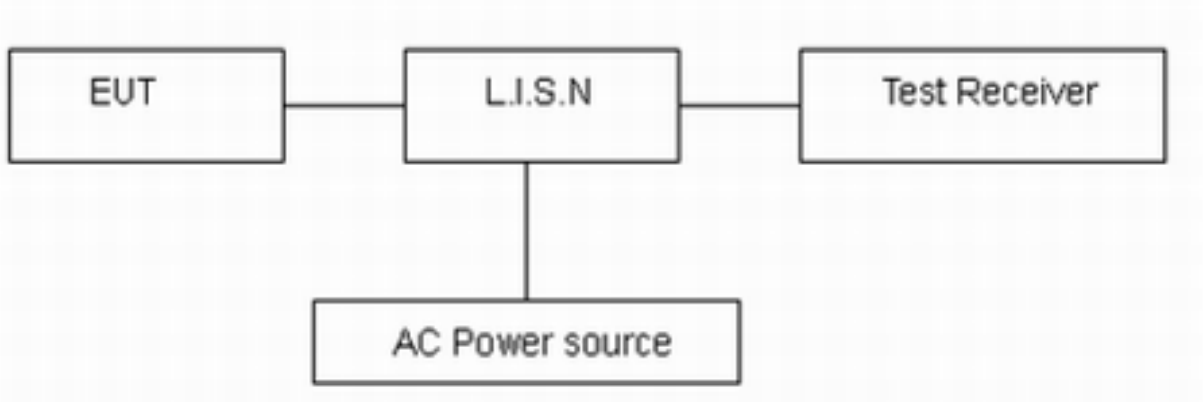
Ambient Condition

Temperature	Relative humidity
20°C ~ 25°C	45% ~ 50%

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

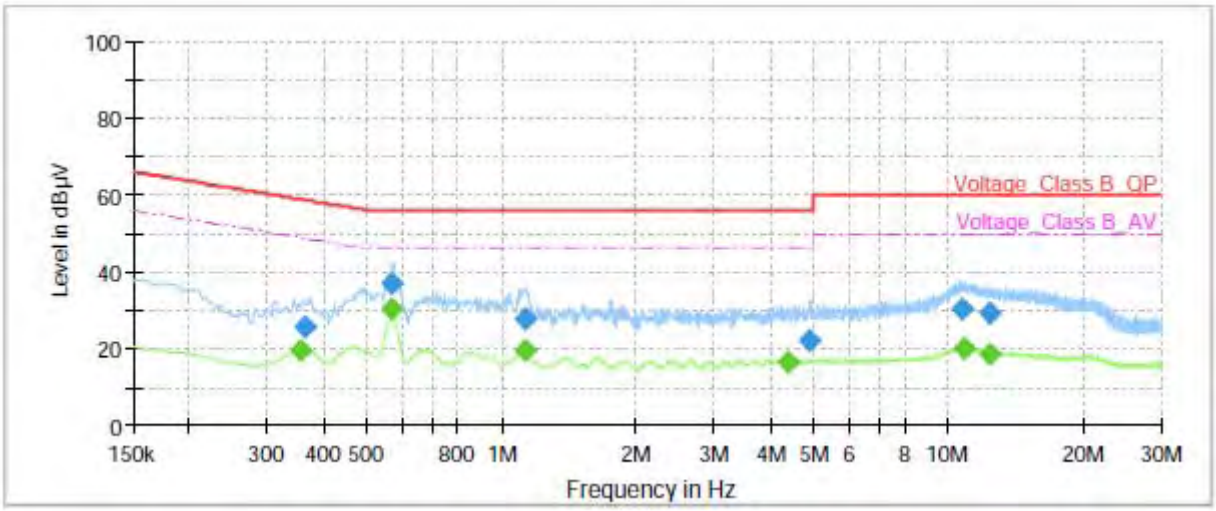
The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor k = 1.96, U= 2.69 dB.

Test Results:

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

Wi-Fi 2.4G

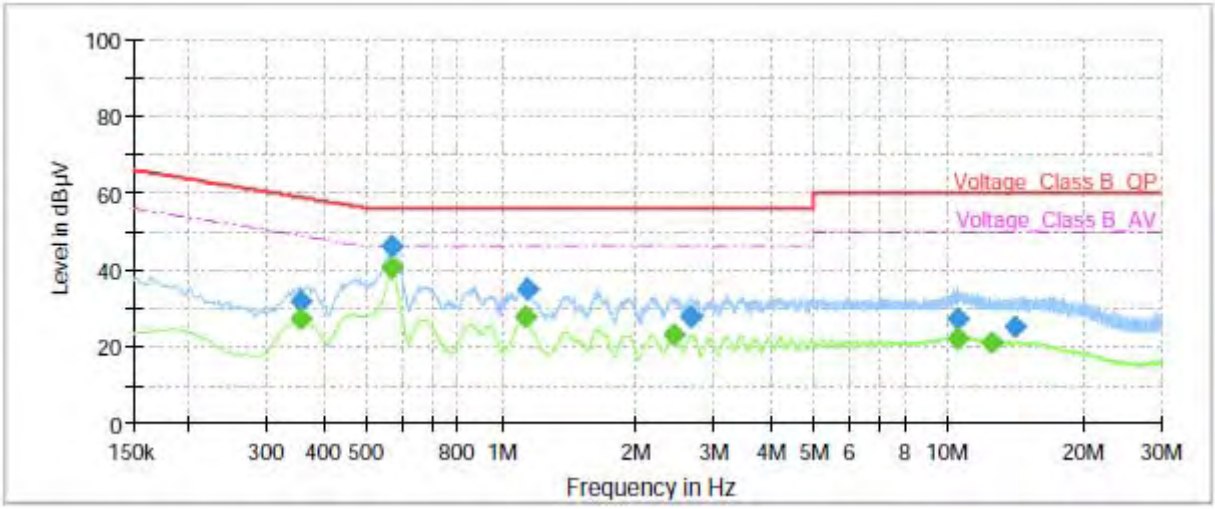
During the test, the Conducted Emission was performed in all modes with all channels, 802.11b, Channel 5 are selected as the worst condition. The test data of the worst-case condition was recorded in this report.



Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.35	---	19.54	48.85	29.31	1000.0	9.000	L1	ON	21.0
0.36	25.48	---	58.69	33.21	1000.0	9.000	L1	ON	21.0
0.57	---	30.01	46.00	15.99	1000.0	9.000	L1	ON	20.8
0.57	36.69	---	56.00	19.31	1000.0	9.000	L1	ON	20.8
1.13	---	19.52	46.00	26.48	1000.0	9.000	L1	ON	20.1
1.13	27.55	---	56.00	28.45	1000.0	9.000	L1	ON	20.1
4.41	---	16.52	46.00	29.48	1000.0	9.000	L1	ON	19.5
4.92	22.24	---	56.00	33.76	1000.0	9.000	L1	ON	19.5
10.72	30.48	---	60.00	29.52	1000.0	9.000	L1	ON	19.5
10.90	---	20.01	50.00	29.99	1000.0	9.000	L1	ON	19.5
12.41	29.20	---	60.00	30.80	1000.0	9.000	L1	ON	19.6
12.44	---	18.71	50.00	31.29	1000.0	9.000	L1	ON	19.6

Remark: Correct factor=cable loss + LISN factor

L line Conducted Emission from 150 KHz to 30 MHz



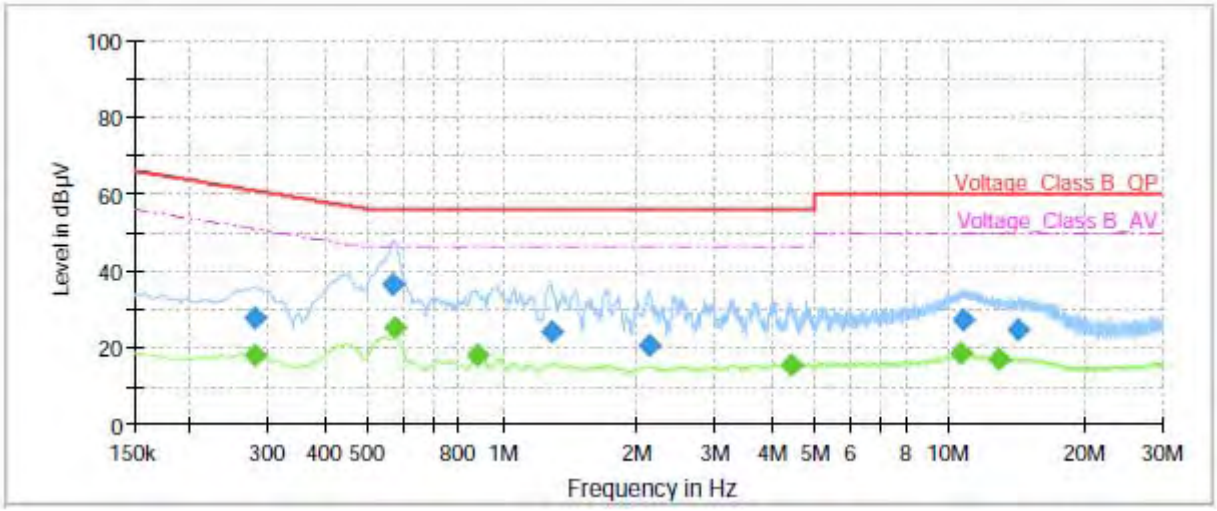
Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.35	---	27.16	48.85	21.69	1000.0	9.000	N	ON	21.0
0.35	31.81	---	58.85	27.04	1000.0	9.000	N	ON	21.0
0.57	---	40.27	46.00	5.73	1000.0	9.000	N	ON	20.8
0.57	46.41	---	56.00	9.59	1000.0	9.000	N	ON	20.8
1.14	---	27.63	46.00	18.37	1000.0	9.000	N	ON	20.1
1.14	34.79	---	56.00	21.21	1000.0	9.000	N	ON	20.1
2.43	---	22.87	46.00	23.13	1000.0	9.000	N	ON	19.6
2.64	27.64	---	56.00	28.36	1000.0	9.000	N	ON	19.6
10.52	27.15	---	60.00	32.85	1000.0	9.000	N	ON	19.6
10.53	---	22.20	50.00	27.80	1000.0	9.000	N	ON	19.6
12.50	---	21.10	50.00	28.90	1000.0	9.000	N	ON	19.6
14.07	25.30	---	60.00	34.70	1000.0	9.000	N	ON	19.6

Remark: Correct factor=cable loss + LISN factor

N line Conducted Emission from 150 KHz to 30 MHz

Bluetooth LE

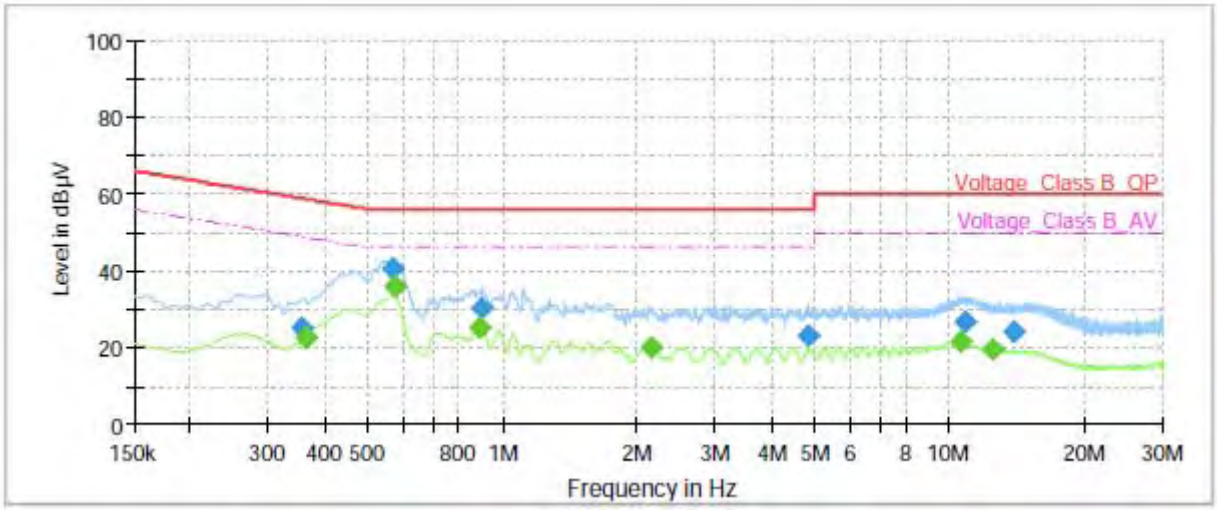
During the test, the Conducted Emission was performed in all modes with all channels, Bluetooth LE-Channel 19 are selected as the worst condition. The test data of the worst-case condition was recorded in this report.



Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.28	---	18.04	50.80	32.76	1000.0	9.000	L1	ON	21.1
0.28	27.86	---	60.80	32.94	1000.0	9.000	L1	ON	21.1
0.57	36.48	---	56.00	19.52	1000.0	9.000	L1	ON	20.8
0.57	---	25.37	46.00	20.63	1000.0	9.000	L1	ON	20.8
0.88	---	17.90	46.00	28.10	1000.0	9.000	L1	ON	20.3
1.29	23.86	---	56.00	32.14	1000.0	9.000	L1	ON	20.0
2.13	20.66	---	56.00	35.34	1000.0	9.000	L1	ON	19.7
4.45	---	15.33	46.00	30.67	1000.0	9.000	L1	ON	19.5
10.65	---	18.27	50.00	31.73	1000.0	9.000	L1	ON	19.5
10.79	27.33	---	60.00	32.67	1000.0	9.000	L1	ON	19.5
12.91	---	16.80	50.00	33.20	1000.0	9.000	L1	ON	19.6
14.31	24.58	---	60.00	35.42	1000.0	9.000	L1	ON	19.6

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)
0.36	25.36	---	58.80	33.44	1000.0	9.000	N	ON	21.0
0.36	---	22.74	48.69	25.95	1000.0	9.000	N	ON	21.0
0.57	40.44	---	56.00	15.56	1000.0	9.000	N	ON	20.8
0.57	---	35.66	46.00	10.34	1000.0	9.000	N	ON	20.8
0.89	---	25.17	46.00	20.83	1000.0	9.000	N	ON	20.3
0.90	30.16	---	56.00	25.84	1000.0	9.000	N	ON	20.3
2.17	---	20.24	46.00	25.76	1000.0	9.000	N	ON	19.7
4.83	23.02	---	56.00	32.98	1000.0	9.000	N	ON	19.5
10.59	---	21.53	50.00	28.47	1000.0	9.000	N	ON	19.6
10.88	26.64	---	60.00	33.36	1000.0	9.000	N	ON	19.6
12.46	---	19.44	50.00	30.56	1000.0	9.000	N	ON	19.6
13.97	23.99	---	60.00	36.01	1000.0	9.000	N	ON	19.6

Remark: Correct factor=cable loss + LISN factor

N line Conducted Emission from 150 KHz to 30 MHz

6. Main Test Instruments

Date of Testing: March 25, 2023

Name	Manufacturer	Type	Serial Number	Calibration Date	Expiration Date
EMI Test Receiver	R&S	ESCI3	100948	2022-05-25	2023-05-24
Signal Analyzer	R&S	FSV40	101298	2022-05-14	2023-05-13
Loop Antenna	Schwarzbeck	FMZB1519	1519-047	2020-04-02	2023-04-01
Software	R&S	EMC32	9.26.01	/	/

Date of Testing: March 16, 2023 ~ May 8, 2023

Name	Manufacturer	Type	Serial Number	Calibration Date	Expiration Date
DC Power Supply	UNI-T	UTP1306S+	2205D0517232	2022-12-10	2023-12-09
Wireless Communication Tester	ESPEC	SU-242	93000506	2022-12-10	2023-12-09
Spectrum Analyzer	KEYSIGHT	N9020A	MY51330870	2022-05-14	2023-05-13
EMI Test Receiver	R&S	ESCI3	100948	2022-05-25	2023-05-24
Signal Analyzer	R&S	FSV40	101298	2022-05-14	2023-05-13
TRILOG Broadband Antenna	SCHWARZBECK	VULB 9163	01111	2022-10-25	2025-10-24
Horn Antenna	Schwarzbeck	BBHA 9120D	430	2021-07-26	2024-07-25
Horn Antenna	ETS-Lindgren	3160-09	00102643	2021-10-10	2024-10-09
Software	R&S	EMC32	9.26.01	/	/
LISN	R&S	ENV216	102191	2022-12-13	2024-12-09
EMI Test Receiver	R&S	ESR	101667	2022-05-25	2023-05-24
Software	R&S	EMC32	10.35.10	/	/

ANNEX A: The EUT Appearance

The EUT Appearance are submitted separately.

ANNEX B: Test Setup Photos

The Test Setup Photos are submitted separately.

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