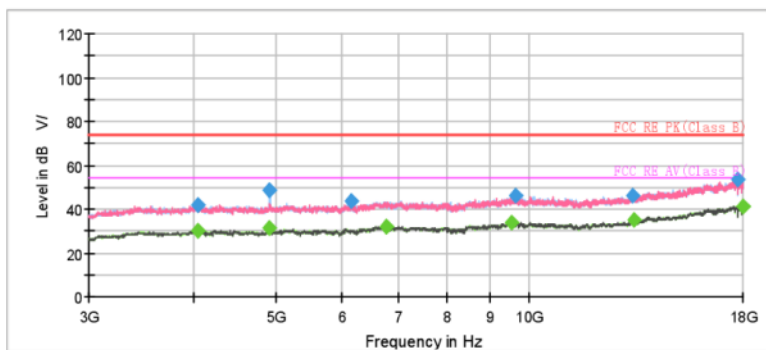
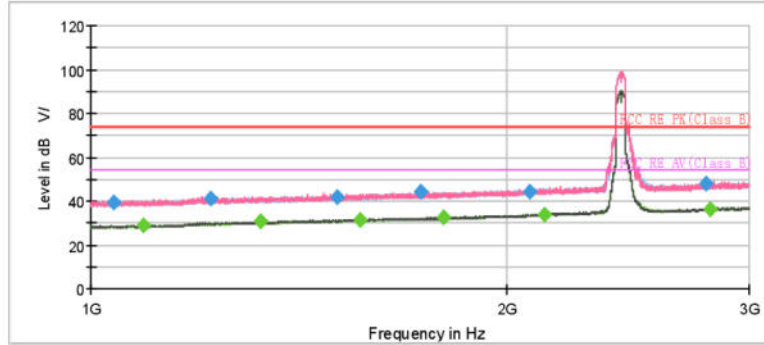




Final Result

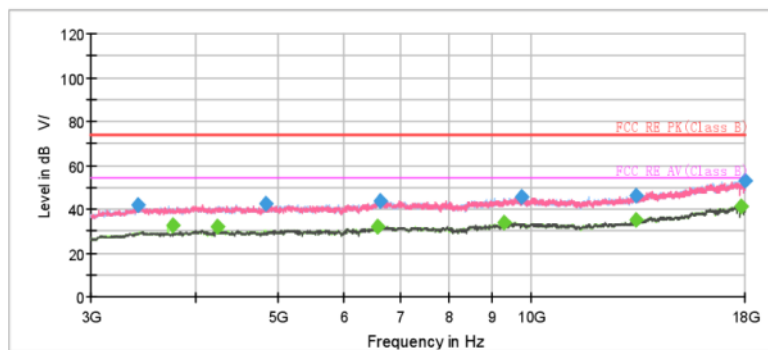
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4040.625000	---	29.97	54.00	24.03	500.0	100.0	V	0.0	-6.7
4040.625000	41.67	---	74.00	32.33	500.0	100.0	H	233.0	-6.7
4920.000000	---	31.38	54.00	22.62	500.0	200.0	H	115.0	-5.3
4925.625000	48.87	---	74.00	25.13	500.0	200.0	H	134.0	-5.3
6166.875000	43.51	---	74.00	30.49	500.0	200.0	H	299.0	-4.5
6776.250000	---	32.05	54.00	21.95	500.0	100.0	H	186.0	-3.3
9556.875000	---	33.77	54.00	20.23	500.0	100.0	H	0.0	-0.3
9641.250000	45.88	---	74.00	28.12	500.0	100.0	H	120.0	-0.6
13290.000000	45.89	---	74.00	28.11	500.0	200.0	V	185.0	2.3
13329.375000	---	34.87	54.00	19.13	500.0	100.0	V	322.0	2.3
17756.250000	53.54	---	74.00	20.46	500.0	200.0	H	60.0	10.3
17996.250000	---	41.26	54.00	12.74	500.0	100.0	V	122.0	11.1

802.11n (HT40) CH3



Final Result

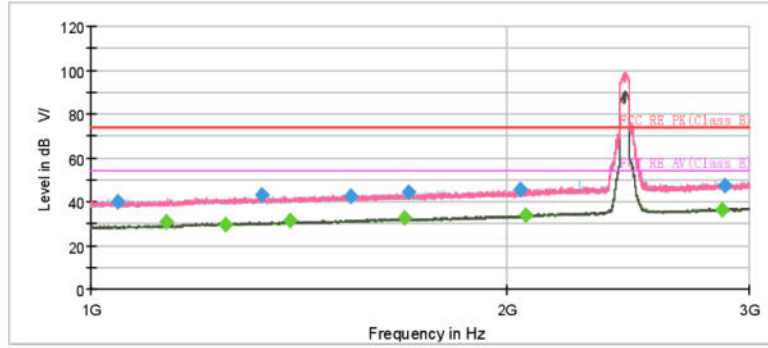
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1038.500000	39.17	---	74.00	34.83	500.0	200.0	H	287.0	-10.5
1092.250000	---	28.78	54.00	25.22	500.0	200.0	V	16.0	-10.2
1221.500000	41.16	---	74.00	32.84	500.0	200.0	V	47.0	-8.7
1328.000000	---	30.47	54.00	23.53	500.0	100.0	V	162.0	-8.0
1509.250000	42.13	---	74.00	31.87	500.0	100.0	V	285.0	-7.0
1566.250000	---	31.27	54.00	22.73	500.0	100.0	H	289.0	-6.6
1734.000000	44.03	---	74.00	29.97	500.0	100.0	V	328.0	-5.8
1800.500000	---	32.48	54.00	21.52	500.0	100.0	H	263.0	-5.4
2078.500000	44.16	---	74.00	29.84	500.0	100.0	H	329.0	-3.9
2132.500000	---	33.72	54.00	20.28	500.0	200.0	H	279.0	-3.6
2790.000000	48.10	---	74.00	25.90	500.0	100.0	H	116.0	-1.3
2808.500000	---	36.51	54.00	17.49	500.0	200.0	H	304.0	-1.2



Final Result

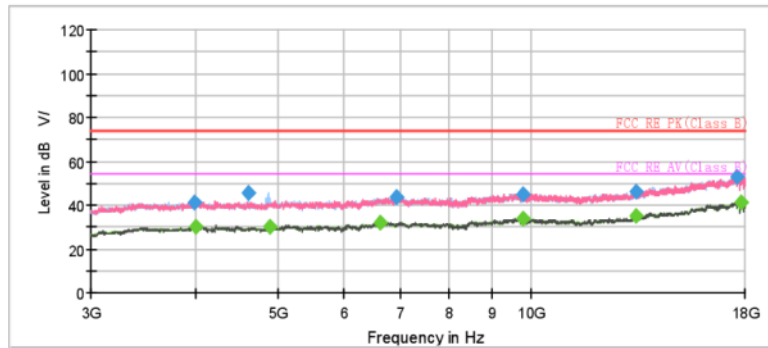
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3410.625000	41.72	---	74.00	32.28	500.0	200.0	V	102.0	-8.6
3750.000000	---	32.34	54.00	21.66	500.0	200.0	H	317.0	-7.8
4245.000000	---	31.77	54.00	22.23	500.0	200.0	H	351.0	-6.6
4843.125000	42.23	---	74.00	31.77	500.0	200.0	H	125.0	-6.0
6586.875000	---	32.01	54.00	21.99	500.0	100.0	H	41.0	-3.4
6626.250000	43.82	---	74.00	30.18	500.0	200.0	H	312.0	-3.4
9316.875000	---	33.97	54.00	20.03	500.0	100.0	H	358.0	-1.0
9776.250000	45.42	---	74.00	28.58	500.0	200.0	V	177.0	-0.5
13336.875000	46.09	---	74.00	27.91	500.0	100.0	H	51.0	2.3
13351.875000	---	34.96	54.00	19.04	500.0	200.0	H	298.0	2.4
17778.750000	---	41.31	54.00	12.69	500.0	100.0	V	0.0	10.3
18000.000000	52.90	---	74.00	21.10	500.0	200.0	H	337.0	11.2

802.11n (HT40) CH6



Final Result

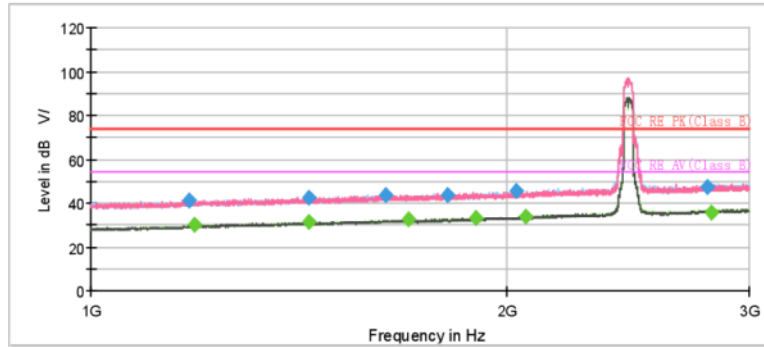
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1045.000000	40.12	---	74.00	33.88	500.0	100.0	V	240.0	-10.5
1134.500000	---	30.62	54.00	23.38	500.0	100.0	H	254.0	-9.8
1252.500000	---	29.35	54.00	24.65	500.0	100.0	H	122.0	-8.6
1331.250000	42.78	---	74.00	31.22	500.0	100.0	V	74.0	-8.0
1395.750000	---	31.18	54.00	22.82	500.0	100.0	V	156.0	-7.6
1541.750000	42.72	---	74.00	31.28	500.0	100.0	V	230.0	-6.8
1686.000000	---	32.56	54.00	21.44	500.0	200.0	V	225.0	-6.0
1700.500000	44.15	---	74.00	29.85	500.0	100.0	V	352.0	-6.0
2047.500000	45.80	---	74.00	28.20	500.0	100.0	H	185.0	-4.2
2065.250000	---	33.74	54.00	20.26	500.0	200.0	V	156.0	-4.1
2870.250000	---	36.53	54.00	17.47	500.0	200.0	H	269.0	-1.1
2878.250000	47.65	---	74.00	26.35	500.0	200.0	V	172.0	-1.1



Final Result

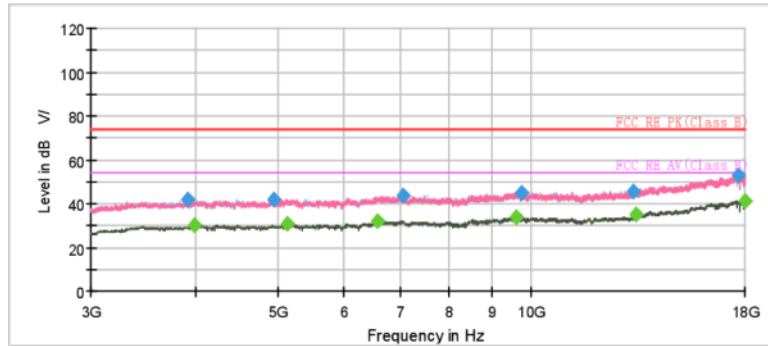
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3980.625000	41.12	---	74.00	32.88	500.0	100.0	H	179.0	-6.9
4003.125000	---	29.90	54.00	24.10	500.0	100.0	H	123.0	-6.8
4616.250000	45.55	---	74.00	28.45	500.0	200.0	H	353.0	-6.1
4891.875000	---	30.01	54.00	23.99	500.0	200.0	H	135.0	-5.6
6622.500000	---	32.01	54.00	21.99	500.0	100.0	H	80.0	-3.4
6931.875000	43.87	---	74.00	30.13	500.0	200.0	H	236.0	-3.0
9789.375000	45.11	---	74.00	28.89	500.0	100.0	H	65.0	-0.5
9800.625000	---	33.76	54.00	20.24	500.0	200.0	V	95.0	-0.4
13338.750000	---	34.91	54.00	19.09	500.0	100.0	V	315.0	2.3
13350.000000	45.90	---	74.00	28.10	500.0	200.0	V	229.0	2.4
17606.250000	52.71	---	74.00	21.29	500.0	100.0	H	85.0	10.1
17776.875000	---	41.25	54.00	12.75	500.0	100.0	H	184.0	10.3

802.11n (HT40) CH9



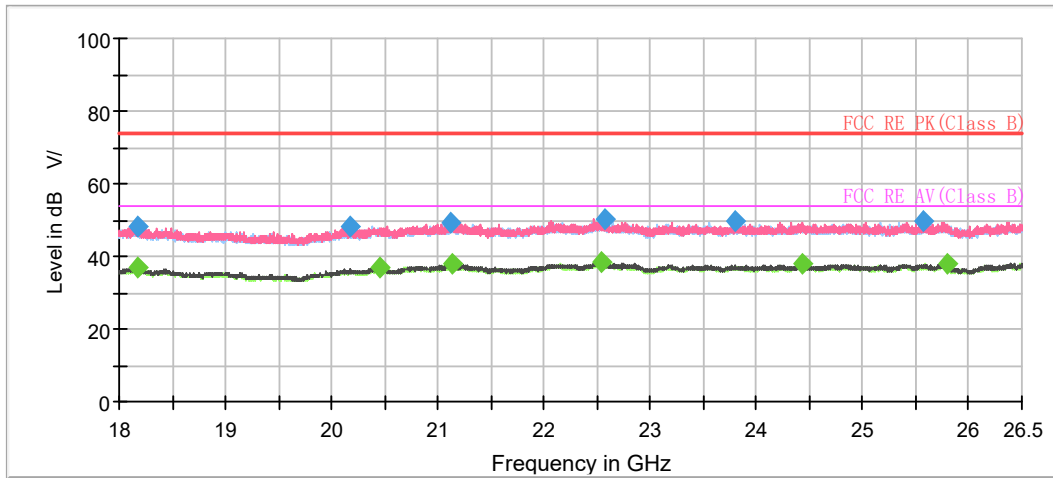
Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1178.250000	41.34	---	74.00	32.66	500.0	100.0	H	318.0	-9.2
1188.250000	---	29.91	54.00	24.09	500.0	100.0	H	314.0	-9.0
1437.500000	42.39	---	74.00	31.61	500.0	200.0	V	194.0	-7.3
1438.500000	---	31.08	54.00	22.92	500.0	200.0	V	8.0	-7.3
1636.000000	43.99	---	74.00	30.01	500.0	100.0	H	343.0	-6.2
1701.000000	---	32.34	54.00	21.66	500.0	200.0	V	16.0	-6.0
1815.250000	43.91	---	74.00	30.09	500.0	200.0	V	12.0	-5.4
1901.500000	---	33.01	54.00	20.99	500.0	100.0	H	288.0	-5.0
2034.250000	45.61	---	74.00	28.39	500.0	200.0	V	72.0	-4.3
2066.750000	---	33.96	54.00	20.04	500.0	100.0	V	300.0	-4.1
2799.250000	47.55	---	74.00	26.45	500.0	200.0	H	272.0	-1.3
2819.000000	---	35.76	54.00	18.24	500.0	100.0	V	0.0	-1.2



Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3909.375000	41.68	---	74.00	32.32	500.0	200.0	V	110.0	-7.4
3986.250000	---	30.02	54.00	23.98	500.0	200.0	V	87.0	-6.8
4946.250000	41.98	---	74.00	32.02	500.0	200.0	V	110.0	-5.4
5141.250000	---	30.51	54.00	23.49	500.0	200.0	V	301.0	-5.0
6568.125000	---	32.09	54.00	21.91	500.0	200.0	V	0.0	-3.4
7065.000000	43.79	---	74.00	30.21	500.0	200.0	V	197.0	-3.1
9618.750000	---	33.88	54.00	20.12	500.0	100.0	V	266.0	-0.6
9755.625000	44.96	---	74.00	29.04	500.0	200.0	H	107.0	-0.5
13276.875000	45.75	---	74.00	28.25	500.0	200.0	H	149.0	2.2
13338.750000	---	34.80	54.00	19.20	500.0	100.0	H	141.0	2.3
17655.000000	52.69	---	74.00	21.31	500.0	200.0	V	158.0	10.2
18000.000000	---	41.30	54.00	12.70	500.0	200.0	V	316.0	11.2



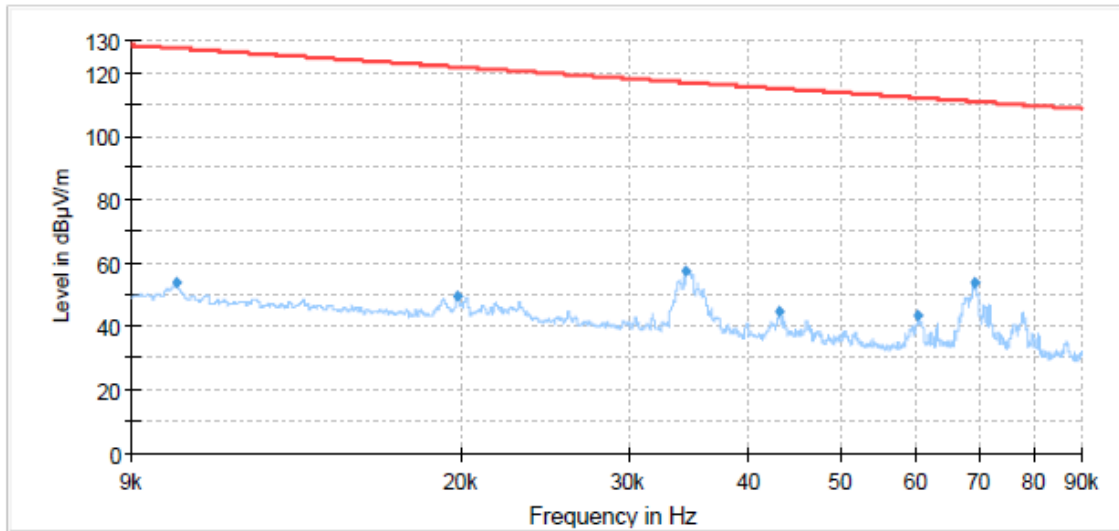
Radiates Emission from 18GHz to 26.5GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
18167.875000	48.05	---	74.00	25.95	500.0	100.0	V	265.0	-5.8
18176.375000	---	36.92	54.00	17.08	500.0	100.0	H	242.0	-5.8
20167.500000	48.04	---	74.00	25.96	500.0	100.0	H	188.0	-5.8
20455.437500	---	36.78	54.00	17.22	500.0	100.0	V	220.0	-4.9
21120.562500	49.45	---	74.00	24.55	500.0	200.0	H	328.0	-4.1
21141.812500	---	37.83	54.00	16.17	500.0	100.0	V	151.0	-4.2
22535.812500	---	38.41	54.00	15.59	500.0	100.0	V	234.0	-3.4
22581.500000	50.36	---	74.00	23.64	500.0	100.0	H	242.0	-3.4
23799.125000	49.60	---	74.00	24.40	500.0	100.0	V	333.0	-3.2
24436.625000	---	37.77	54.00	16.23	500.0	100.0	H	152.0	-3.1
25578.812500	49.84	---	74.00	24.16	500.0	200.0	V	60.0	-2.5
25791.312500	---	37.98	54.00	16.02	500.0	100.0	H	45.0	-2.5

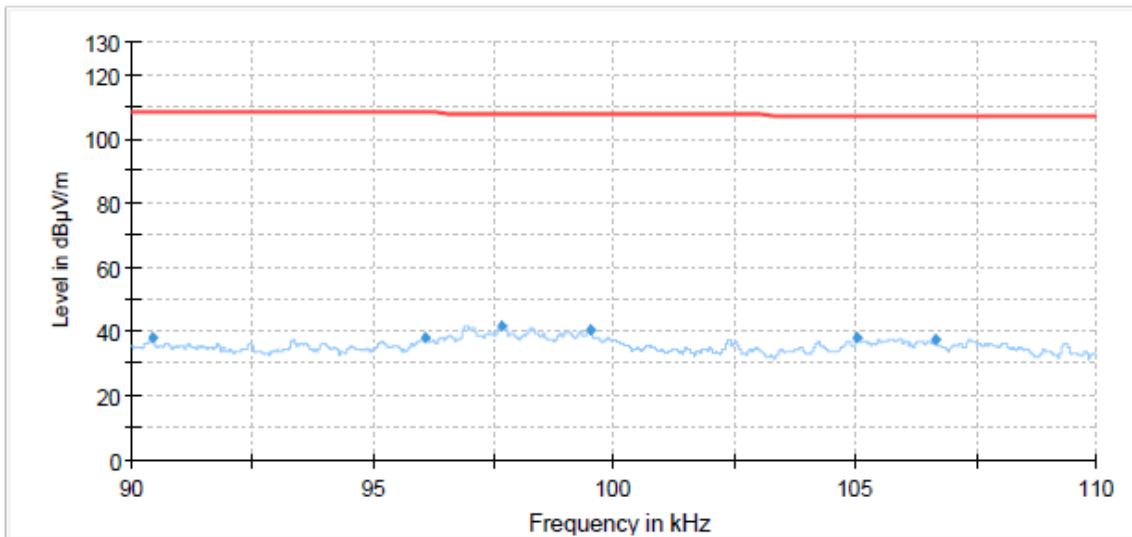
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

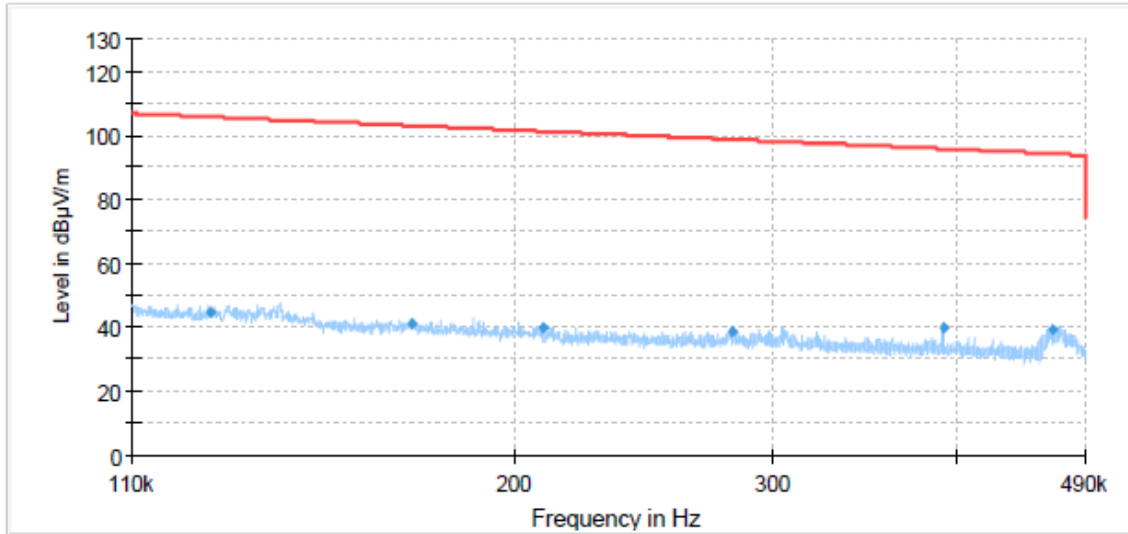
Bluetooth LE



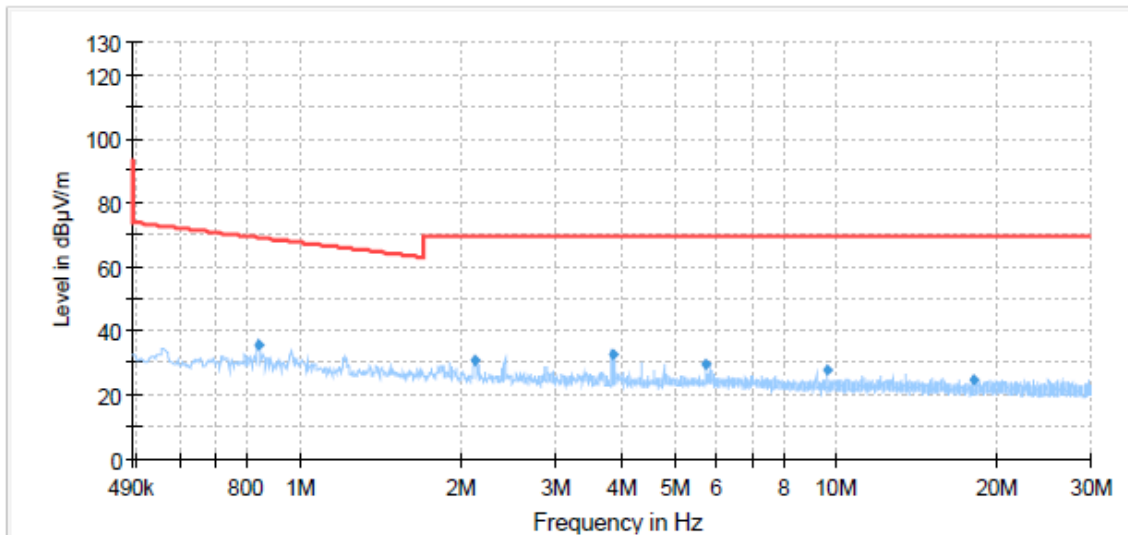
Radiates Emission from 9kHz to 90kHz



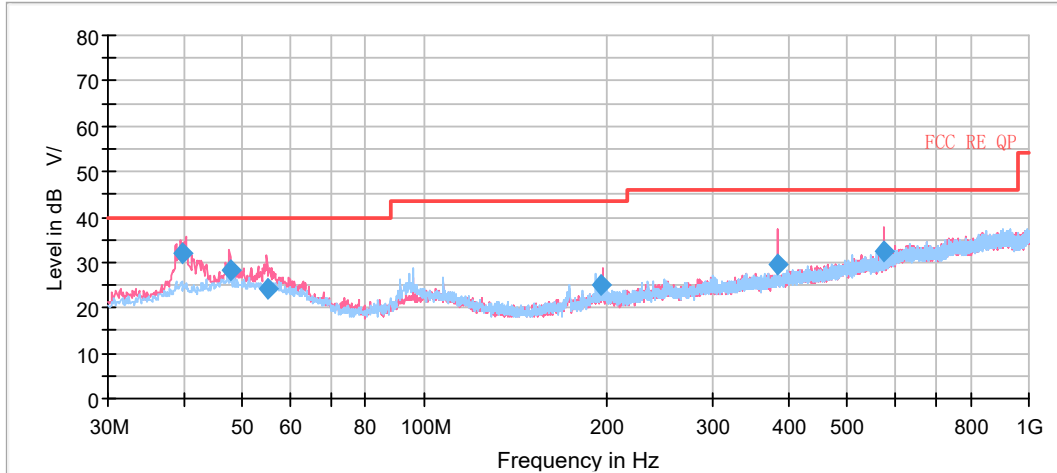
Radiates Emission from 90kHz to 110kHz



Radiates Emission from 110kHz to 490kHz



Radiates Emission from 490kHz to 30MHz



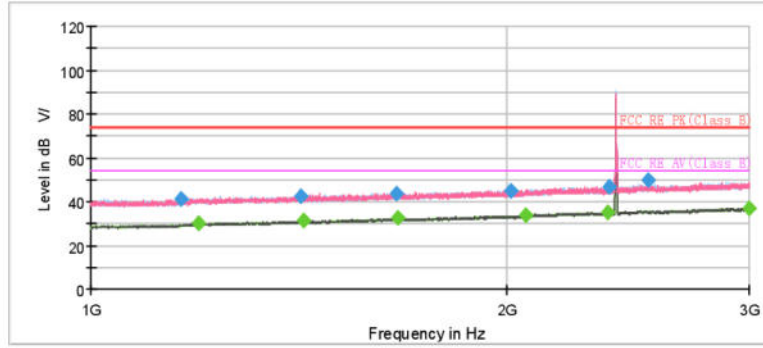
Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
39.706250	31.83	40.00	8.17	1000.0	110.0	V	13.0
47.822500	28.44	40.00	11.56	1000.0	125.0	V	349.0
55.296250	24.30	40.00	15.70	1000.0	100.0	V	4.0
196.60375	25.06	43.50	18.44	1000.0	122.0	V	0.0
384.01000	29.68	46.00	16.32	1000.0	175.0	V	231.0
576.02875	32.23	46.00	13.77	1000.0	100.0	V	232.0

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

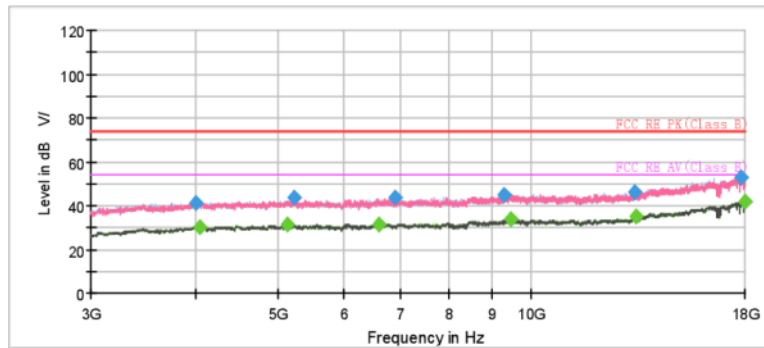
2. Margin = Limit – Quasi-Peak

Bluetooth LE-Channel 0



Final Result

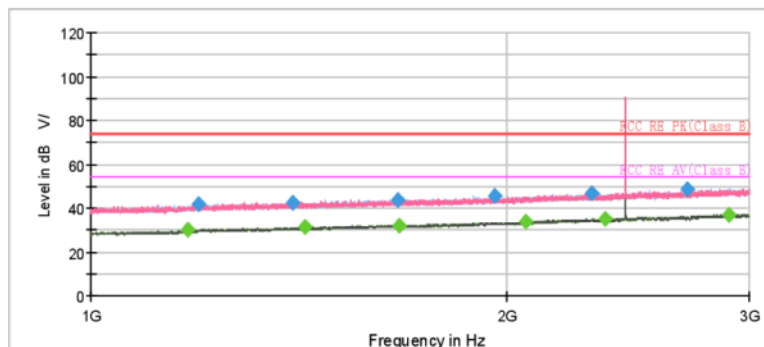
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1161.750000	41.33	---	74.00	32.67	500.0	100.0	H	307.0	-9.5
1196.750000	---	30.12	54.00	23.88	500.0	200.0	V	305.0	-8.9
1420.750000	42.28	---	74.00	31.72	500.0	100.0	H	299.0	-7.4
1427.250000	---	31.12	54.00	22.88	500.0	200.0	V	292.0	-7.4
1665.250000	43.73	---	74.00	30.27	500.0	200.0	H	337.0	-6.1
1669.750000	---	32.36	54.00	21.64	500.0	200.0	H	52.0	-6.1
2014.500000	44.96	---	74.00	29.04	500.0	100.0	H	0.0	-4.4
2064.000000	---	33.83	54.00	20.17	500.0	100.0	V	94.0	-4.1
2368.500000	---	35.04	54.00	18.96	500.0	100.0	V	249.0	-2.8
2372.750000	46.69	---	74.00	27.31	500.0	200.0	V	358.0	-2.8
2533.500000	49.56	---	74.00	24.44	500.0	200.0	H	57.0	-2.2
2997.750000	---	36.99	54.00	17.01	500.0	100.0	H	329.0	-0.6



Final Result

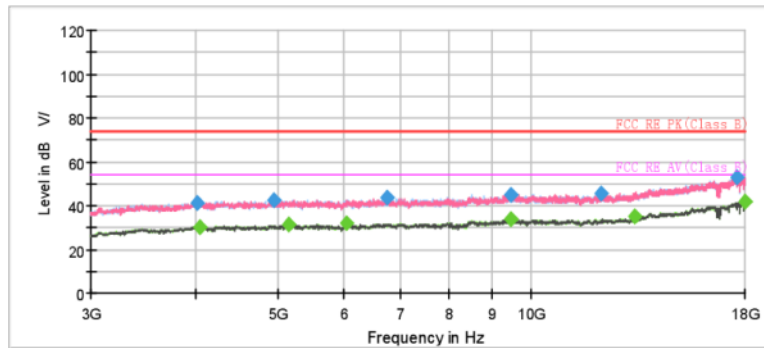
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4006.875000	41.50	---	74.00	32.50	500.0	200.0	V	60.0	-6.8
4036.875000	---	30.16	54.00	23.84	500.0	200.0	H	224.0	-6.7
5145.000000	---	31.29	54.00	22.71	500.0	200.0	V	98.0	-5.0
5242.500000	43.60	---	74.00	30.40	500.0	100.0	V	206.0	-4.7
6598.125000	---	31.64	54.00	22.36	500.0	200.0	H	349.0	-3.3
6898.125000	43.44	---	74.00	30.56	500.0	200.0	H	330.0	-3.3
9318.750000	45.05	---	74.00	28.95	500.0	200.0	H	204.0	-1.0
9481.875000	---	34.13	54.00	19.87	500.0	200.0	V	112.0	0.0
13320.000000	46.09	---	74.00	27.91	500.0	200.0	H	75.0	2.3
13336.875000	---	34.81	54.00	19.19	500.0	200.0	V	21.0	2.3
17775.000000	53.16	---	74.00	20.84	500.0	100.0	H	320.0	10.3
18000.000000	---	41.85	54.00	12.15	500.0	100.0	H	301.0	11.2

Bluetooth LE-Channel 19



Final Result

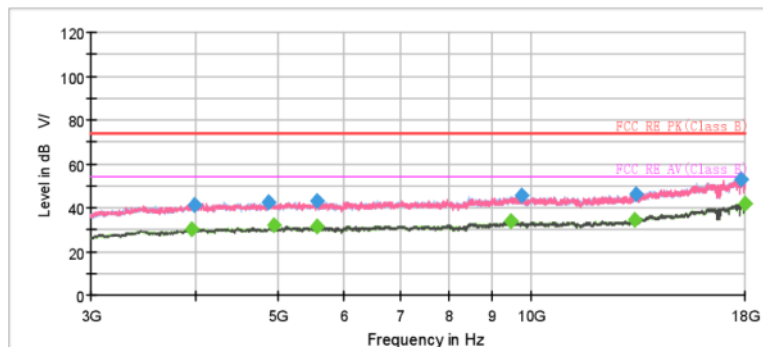
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1175.250000	---	30.28	54.00	23.72	500.0	200.0	V	45.0	-9.3
1196.250000	41.79	---	74.00	32.21	500.0	100.0	V	192.0	-8.9
1400.250000	42.55	---	74.00	31.45	500.0	100.0	H	304.0	-7.6
1429.500000	---	31.10	54.00	22.90	500.0	100.0	V	206.0	-7.4
1670.750000	44.00	---	74.00	30.00	500.0	100.0	H	83.0	-6.1
1673.500000	---	32.26	54.00	21.74	500.0	100.0	H	299.0	-6.1
1960.500000	45.64	---	74.00	28.36	500.0	100.0	H	184.0	-4.7
2066.500000	---	33.82	54.00	20.18	500.0	100.0	H	0.0	-4.1
2305.500000	46.80	---	74.00	27.20	500.0	200.0	V	150.0	-2.8
2361.500000	---	34.84	54.00	19.16	500.0	200.0	V	334.0	-2.9
2704.750000	48.49	---	74.00	25.51	500.0	200.0	V	356.0	-1.6
2898.500000	---	37.11	54.00	16.89	500.0	100.0	H	283.0	-1.0



Final Result

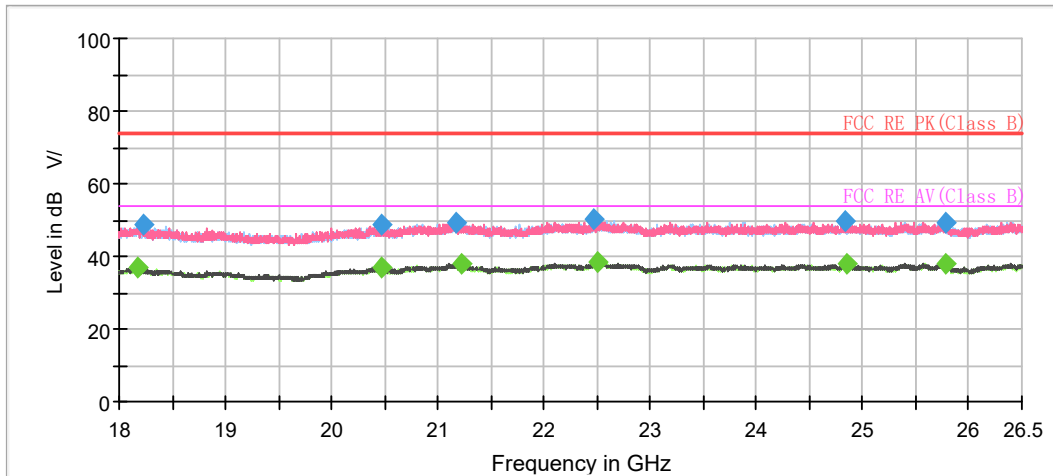
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4012.500000	41.18	---	74.00	32.82	500.0	100.0	H	132.0	-6.8
4040.625000	---	30.39	54.00	23.61	500.0	200.0	H	334.0	-6.7
4946.250000	42.31	---	74.00	31.69	500.0	200.0	V	233.0	-5.4
5156.250000	---	31.28	54.00	22.72	500.0	100.0	H	353.0	-4.9
6033.750000	---	31.81	54.00	22.19	500.0	200.0	H	8.0	-4.2
6759.375000	43.75	---	74.00	30.25	500.0	200.0	V	0.0	-3.5
9468.750000	---	34.01	54.00	19.99	500.0	100.0	V	123.0	-0.1
9478.125000	44.92	---	74.00	29.08	500.0	100.0	H	78.0	0.0
12127.500000	45.63	---	74.00	28.37	500.0	200.0	V	292.0	0.2
13327.500000	---	34.84	54.00	19.16	500.0	100.0	H	108.0	2.3
17621.250000	53.21	---	74.00	20.79	500.0	200.0	V	142.0	10.2
18000.000000	---	41.76	54.00	12.24	500.0	100.0	H	349.0	11.2

Bluetooth LE-Channel 39



Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3952.500000	---	30.22	54.00	23.78	500.0	200.0	H	305.0	-7.2
3988.125000	41.29	---	74.00	32.71	500.0	100.0	V	36.0	-6.8
4886.250000	42.46	---	74.00	31.54	500.0	100.0	H	243.0	-5.6
4959.375000	---	31.85	54.00	22.15	500.0	200.0	V	335.0	-5.4
5574.375000	---	31.65	54.00	22.35	500.0	200.0	V	349.0	-4.4
5574.375000	43.01	---	74.00	30.99	500.0	200.0	V	349.0	-4.4
9478.125000	---	33.78	54.00	20.22	500.0	100.0	V	321.0	0.0
9757.500000	45.35	---	74.00	28.65	500.0	200.0	H	117.0	-0.5
13320.000000	---	34.76	54.00	19.24	500.0	100.0	V	142.0	2.3
13346.250000	46.07	---	74.00	27.93	500.0	200.0	H	301.0	2.4
17791.875000	52.84	---	74.00	21.16	500.0	100.0	V	220.0	10.2
17996.250000	---	41.92	54.00	12.09	500.0	100.0	V	258.0	11.1



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)
18177.437500	---	37.07	54.00	16.93	500.0	200.0	V	287.0	-5.8
18225.250000	48.76	---	74.00	25.24	500.0	100.0	H	88.0	-5.8
20473.500000	48.80	---	74.00	25.20	500.0	200.0	H	329.0	-4.8
20474.562500	---	36.93	54.00	17.07	500.0	200.0	V	246.0	-4.8
21175.812500	49.14	---	74.00	24.86	500.0	200.0	V	89.0	-4.3
21232.125000	---	37.75	54.00	16.25	500.0	200.0	V	21.0	-4.4
22477.375000	50.27	---	74.00	23.73	500.0	200.0	V	154.0	-3.5
22498.625000	---	38.30	54.00	15.70	500.0	200.0	H	222.0	-3.4
24836.125000	49.93	---	74.00	24.07	500.0	200.0	H	333.0	-2.8
24852.062500	---	37.95	54.00	16.05	500.0	200.0	V	79.0	-2.8
25777.500000	---	37.72	54.00	16.28	500.0	200.0	V	126.0	-2.5
25782.812500	49.44	---	74.00	24.56	500.0	100.0	H	14.0	-2.5

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
15°C ~ 35°C	20% ~ 80%

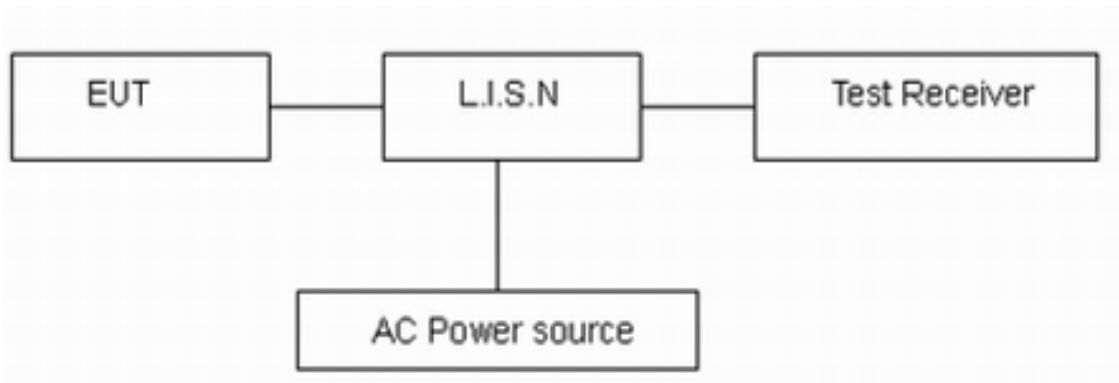
Methods of Measurement

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 120V/60Hz.

Limits

Frequency (MHz)	Conducted Limits(dB μ V)	
	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.		

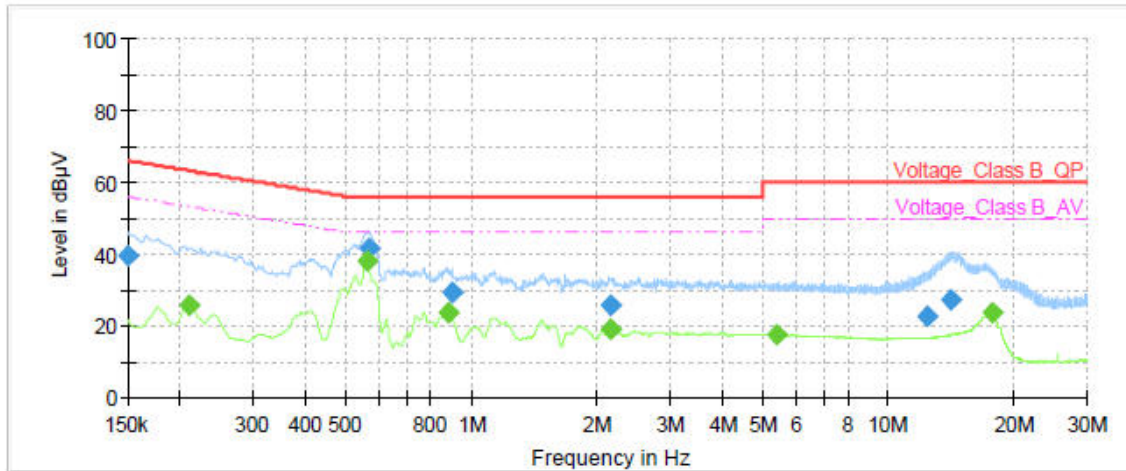
Measurement Uncertainty

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.

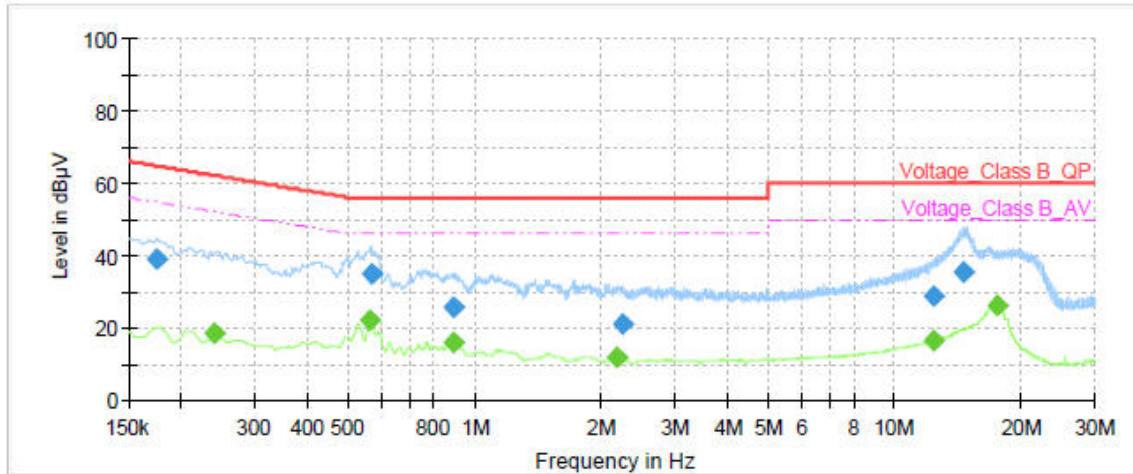
Wi-Fi 2.4G



Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.15	39.52	---	66.00	26.48	1000.0	9.000	L1	ON	21.0
0.21	---	25.66	53.18	27.52	1000.0	9.000	L1	ON	21.1
0.56	---	37.92	46.00	8.08	1000.0	9.000	L1	ON	20.8
0.57	41.30	---	56.00	14.70	1000.0	9.000	L1	ON	20.8
0.88	---	23.67	46.00	22.33	1000.0	9.000	L1	ON	20.3
0.90	29.05	---	56.00	26.95	1000.0	9.000	L1	ON	20.3
2.15	---	18.73	46.00	27.27	1000.0	9.000	L1	ON	19.7
2.16	25.69	---	56.00	30.31	1000.0	9.000	L1	ON	19.7
5.41	---	17.42	50.00	32.58	1000.0	9.000	L1	ON	19.5
12.35	22.60	---	60.00	37.40	1000.0	9.000	L1	ON	19.6
14.06	27.43	---	60.00	32.57	1000.0	9.000	L1	ON	19.6
17.69	---	23.51	50.00	26.49	1000.0	9.000	L1	ON	19.7

Remark: Correct factor=cable loss + LISN factor

L line Conducted Emission from 150 kHz to 30 MHz

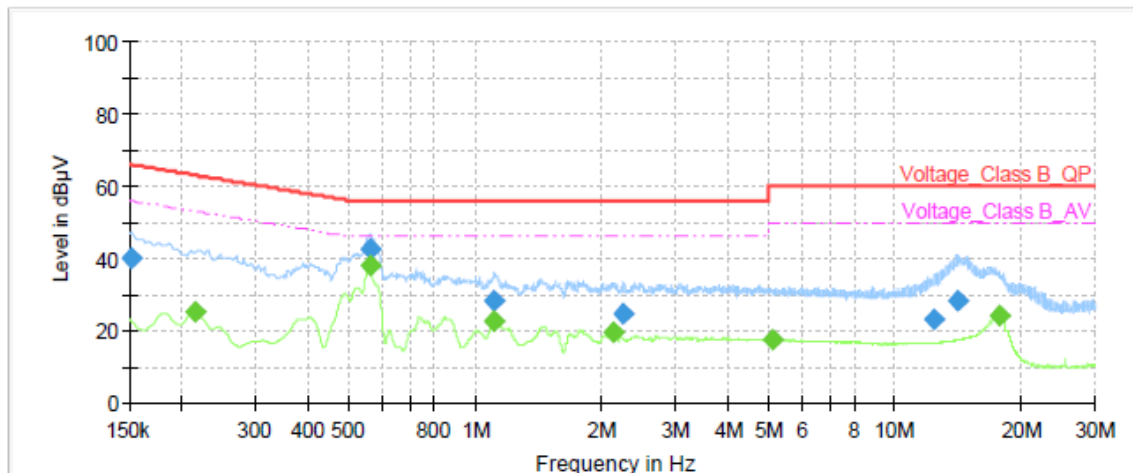


Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.17	38.82	---	64.73	25.91	1000.0	9.000	N	ON	21.1
0.24	---	18.61	52.10	33.49	1000.0	9.000	N	ON	21.1
0.56	---	21.81	46.00	24.19	1000.0	9.000	N	ON	20.8
0.57	35.09	---	56.00	20.91	1000.0	9.000	N	ON	20.8
0.89	25.84	---	56.00	30.16	1000.0	9.000	N	ON	20.3
0.89	---	15.68	46.00	30.32	1000.0	9.000	N	ON	20.3
2.19	---	11.58	46.00	34.42	1000.0	9.000	N	ON	19.7
2.24	20.79	---	56.00	35.21	1000.0	9.000	N	ON	19.7
12.33	28.66	---	60.00	31.34	1000.0	9.000	N	ON	19.6
12.35	---	16.47	50.00	33.53	1000.0	9.000	N	ON	19.6
14.66	35.49	---	60.00	24.51	1000.0	9.000	N	ON	19.6
17.57	---	26.12	50.00	23.88	1000.0	9.000	N	ON	19.7

Remark: Correct factor=cable loss + LISN factor

N line Conducted Emission from 150 kHz to 30 MHz

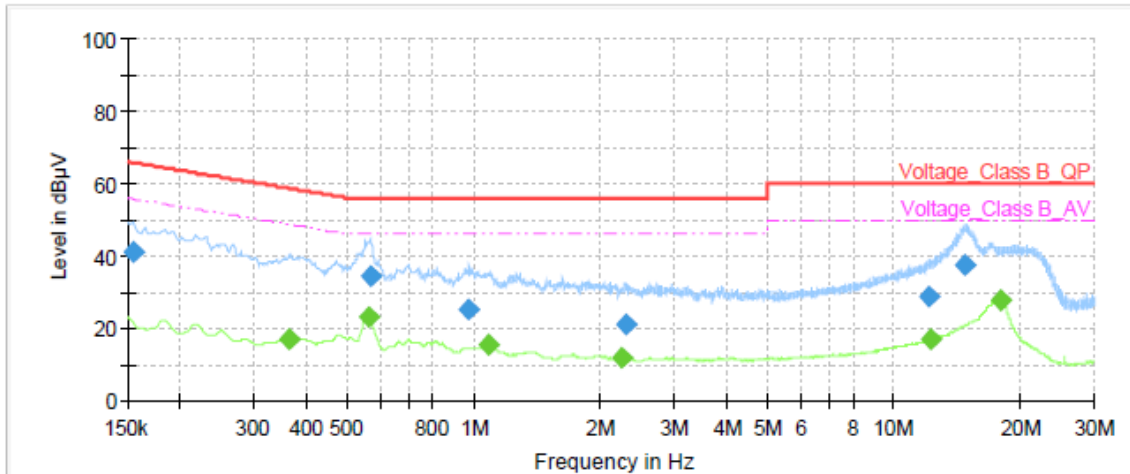
Bluetooth LE



Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.15	39.90	---	65.88	25.97	1000.0	9.000	L1	ON	21.0
0.22	---	25.27	53.00	27.73	1000.0	9.000	L1	ON	21.1
0.56	---	38.02	46.00	7.98	1000.0	9.000	L1	ON	20.8
0.56	42.38	---	56.00	13.62	1000.0	9.000	L1	ON	20.8
1.11	28.37	---	56.00	27.63	1000.0	9.000	L1	ON	20.2
1.11	---	22.37	46.00	23.63	1000.0	9.000	L1	ON	20.2
2.13	---	19.43	46.00	26.57	1000.0	9.000	L1	ON	19.7
2.27	24.37	---	56.00	31.63	1000.0	9.000	L1	ON	19.6
5.13	---	17.58	50.00	32.42	1000.0	9.000	L1	ON	19.5
12.40	23.00	---	60.00	37.00	1000.0	9.000	L1	ON	19.6
14.07	28.46	---	60.00	31.54	1000.0	9.000	L1	ON	19.6
17.78	---	23.93	50.00	26.07	1000.0	9.000	L1	ON	19.7

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	40.92	---	65.75	24.83	1000.0	9.000	N	ON	21.0
0.36	---	16.92	48.69	31.77	1000.0	9.000	N	ON	21.0
0.56	---	23.32	46.00	22.68	1000.0	9.000	N	ON	20.8
0.57	34.57	---	56.00	21.43	1000.0	9.000	N	ON	20.8
0.98	25.20	---	56.00	30.80	1000.0	9.000	N	ON	20.3
1.08	---	15.38	46.00	30.62	1000.0	9.000	N	ON	20.2
2.27	---	11.62	46.00	34.38	1000.0	9.000	N	ON	19.6
2.29	21.26	---	56.00	34.74	1000.0	9.000	N	ON	19.6
12.09	28.57	---	60.00	31.43	1000.0	9.000	N	ON	19.6
12.31	---	16.99	50.00	33.01	1000.0	9.000	N	ON	19.6
14.69	37.29	---	60.00	22.71	1000.0	9.000	N	ON	19.6
17.88	---	27.91	50.00	22.09	1000.0	9.000	N	ON	19.7

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
Power Sensor	R&S	NRP18S	101954	2024-05-07	2025-05-06
Spectrum Analyzer	KEYSIGHT	N9020A	MY51330870	2024-05-07	2025-05-06
Radiated Emission					
EMI Test Receiver	R&S	ESR	102389	2024-05-07	2025-05-06
Signal Analyzer	R&S	FSV40	101298	2024-05-07	2025-05-06
TRILOG Broadband Antenna	SCHWARZBECK	VULB 9163	01111	2022-10-25	2025-10-24
Horn Antenna	R&S	HF 907	102723	2023-11-24	2026-11-23
Amplifier	R&S	SCU18	10034	2024-05-08	2025-05-07
Horn Antenna	ETS-Lindgren	3160-09	00102643	2024-09-24	2027-09-23
Amplifier	MicroWave	KLNA-1804 0050	220826001	2024-05-08	2025-05-07
Software	R&S	EMC32	9.26.01	/	/
Conducted Emission					
Artificial main network	R&S	ENV216	102191	2022-12-10	2024-12-09
EMI Test Receiver	R&S	ESR	101667	2024-05-07	2025-05-06
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 *****