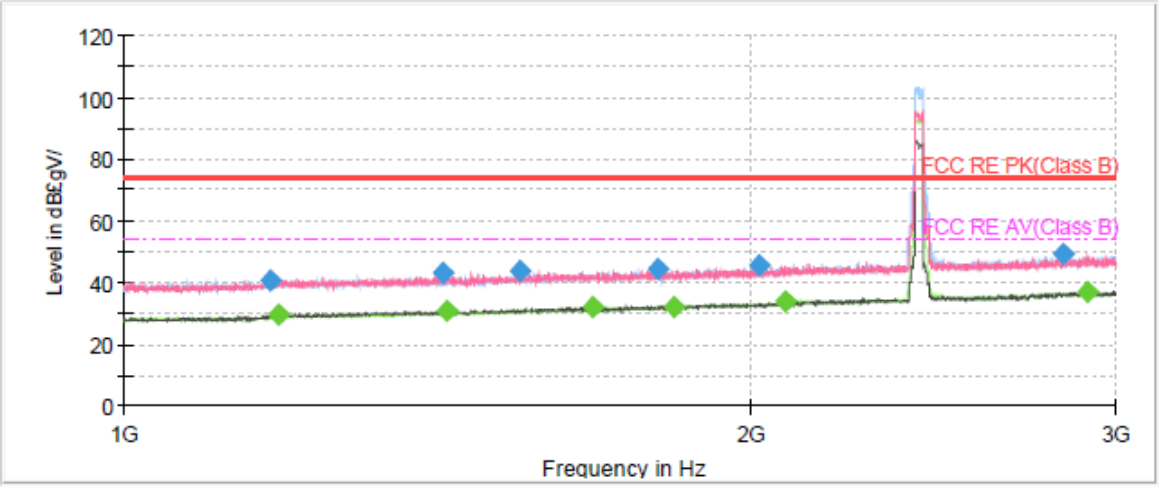
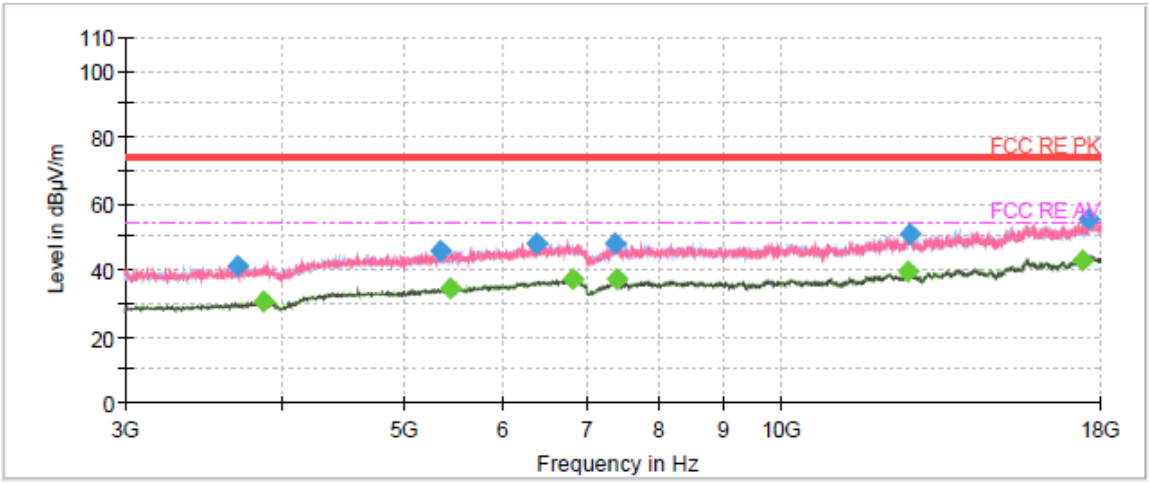
802.11ax(20) 242TONE_CH1



Final_Result

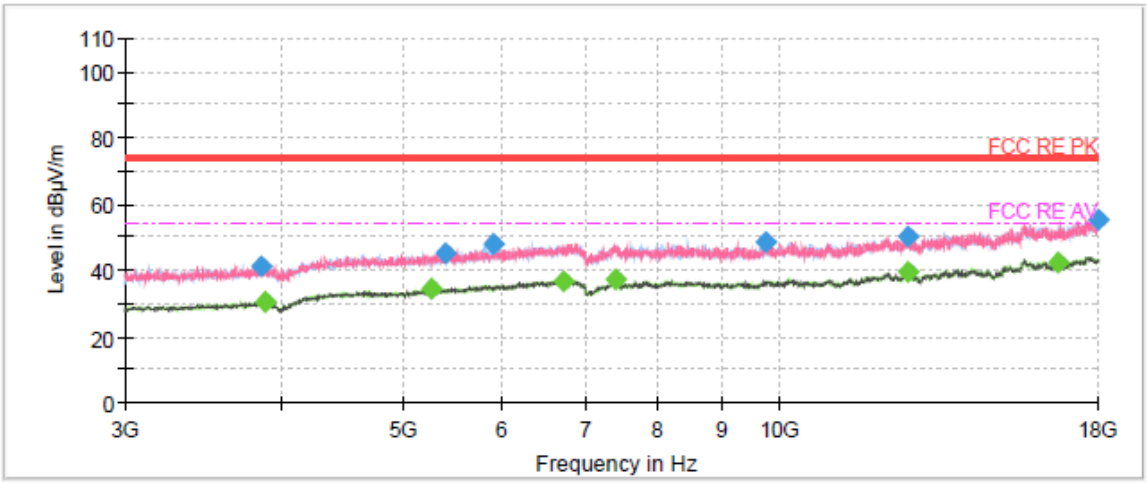
Frequency (MHz)	MaxPeak (dB£gV/m)	Average (dB£gV/m)	Limit (dB£gV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1176.250000	40.82	---	74.00	33.18	500.0	200.0	V	68.0	-9.3
1185.500000	---	29.77	54.00	24.23	500.0	200.0	H	311.0	-9.1
1421.750000	42.80	---	74.00	31.20	500.0	200.0	V	318.0	-7.4
1429.250000	---	30.71	54.00	23.29	500.0	200.0	V	291.0	-7.4
1550.000000	43.84	---	74.00	30.16	500.0	200.0	V	0.0	-6.7
1682.000000	---	32.09	54.00	21.91	500.0	200.0	H	350.0	-6.0
1807.250000	44.20	---	74.00	29.80	500.0	200.0	V	349.0	-5.4
1839.250000	---	32.23	54.00	21.77	500.0	200.0	V	291.0	-5.2
2019.750000	45.23	---	74.00	28.77	500.0	200.0	H	306.0	-4.4
2078.250000	---	33.69	54.00	20.31	500.0	200.0	V	0.0	-3.9
2826.750000	49.04	---	74.00	24.96	500.0	200.0	H	27.0	-1.1
2906.750000	---	36.91	54.00	17.09	500.0	200.0	V	349.0	-1.0



Final Result

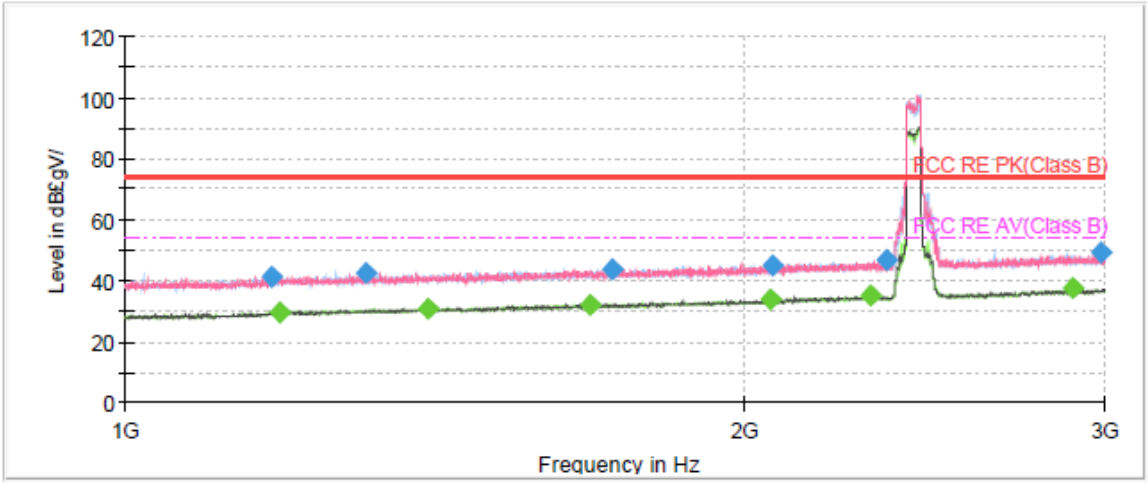
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3686.250000	41.40	---	74.00	32.60	500.0	200.0	H	20.0	-5.5
3870.000000	---	30.53	54.00	23.47	500.0	200.0	H	27.0	-4.8
5356.875000	45.50	---	74.00	28.50	500.0	200.0	V	34.0	-0.5
5443.125000	---	34.49	54.00	19.51	500.0	200.0	V	42.0	-0.2
6382.500000	47.83	---	74.00	26.17	500.0	200.0	V	18.0	1.1
6836.250000	---	37.10	54.00	16.90	500.0	200.0	H	27.0	1.5
7378.125000	47.86	---	74.00	26.14	500.0	200.0	H	45.0	2.2
7389.375000	---	37.13	54.00	16.87	500.0	200.0	V	0.0	2.3
12639.375000	---	39.68	54.00	14.32	500.0	200.0	H	45.0	5.4
12691.875000	50.57	---	74.00	23.43	500.0	200.0	V	0.0	5.5
17413.125000	---	42.66	54.00	11.34	500.0	200.0	V	0.0	10.1
17632.500000	55.45	---	74.00	18.55	500.0	200.0	H	20.0	10.1

802.11ax(40) 484TONE_CH3



Final Result

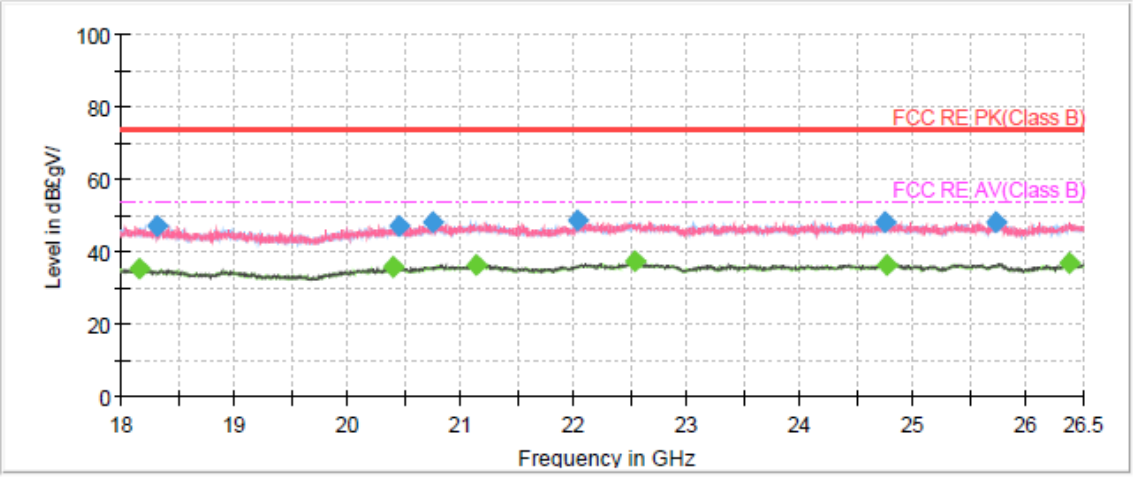
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3849.375000	41.39	---	74.00	32.61	500.0	200.0	H	20.0	-4.8
3885.000000	---	30.55	54.00	23.45	500.0	200.0	H	20.0	-4.8
5281.875000	---	34.52	54.00	19.48	500.0	200.0	V	10.0	-0.6
5415.000000	45.20	---	74.00	28.80	500.0	200.0	V	0.0	-0.2
5913.750000	48.14	---	74.00	25.86	500.0	200.0	H	45.0	0.0
6716.250000	---	36.94	54.00	17.06	500.0	200.0	H	35.0	1.3
7395.000000	---	37.15	54.00	16.85	500.0	200.0	V	26.0	2.3
9746.250000	48.49	---	74.00	25.51	500.0	200.0	V	34.0	3.0
12688.125000	50.01	---	74.00	23.99	500.0	200.0	V	18.0	5.5
12690.000000	---	39.63	54.00	14.37	500.0	200.0	V	42.0	5.5
16726.875000	---	42.15	54.00	11.85	500.0	200.0	V	45.0	7.9
17988.750000	55.28	---	74.00	18.72	500.0	200.0	V	2.0	10.7



Final_Result

Frequency (MHz)	MaxPeak (dBµgV/m)	Average (dBµgV/m)	Limit (dBµgV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1177.250000	41.21	---	74.00	32.79	500.0	200.0	V	274.0	-9.3
1190.000000	---	29.75	54.00	24.25	500.0	200.0	H	336.0	-9.0
1308.000000	42.29	---	74.00	31.71	500.0	200.0	V	322.0	-8.1
1402.750000	---	31.08	54.00	22.92	500.0	200.0	V	242.0	-7.6
1683.500000	---	32.26	54.00	21.74	500.0	200.0	V	221.0	-6.0
1724.500000	43.99	---	74.00	30.01	500.0	200.0	H	111.0	-5.9
2062.750000	---	33.77	54.00	20.23	500.0	200.0	V	269.0	-4.1
2066.000000	45.11	---	74.00	28.89	500.0	200.0	H	80.0	-4.1
2304.500000	---	34.77	54.00	19.23	500.0	200.0	V	260.0	-2.8
2349.000000	46.55	---	74.00	27.45	500.0	200.0	H	234.0	-3.0
2894.000000	---	37.34	54.00	16.66	500.0	200.0	V	318.0	-1.1
2986.750000	49.19	---	74.00	24.81	500.0	200.0	V	242.0	-0.7

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

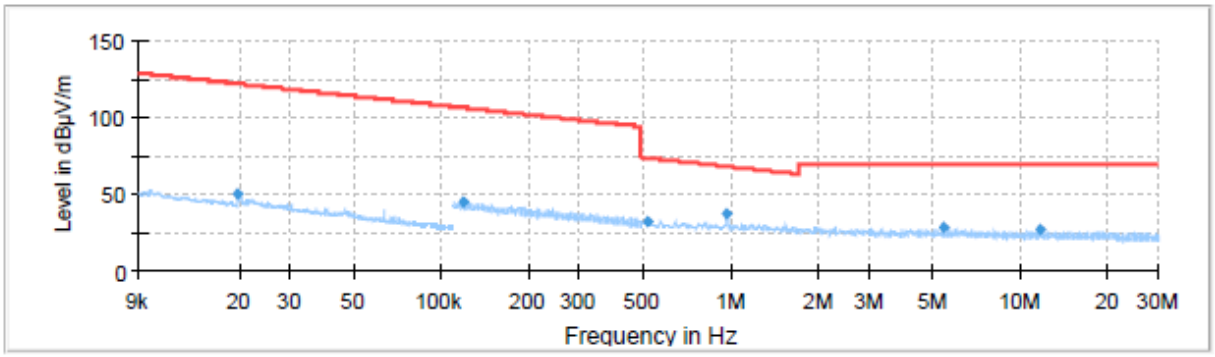


Final_Result

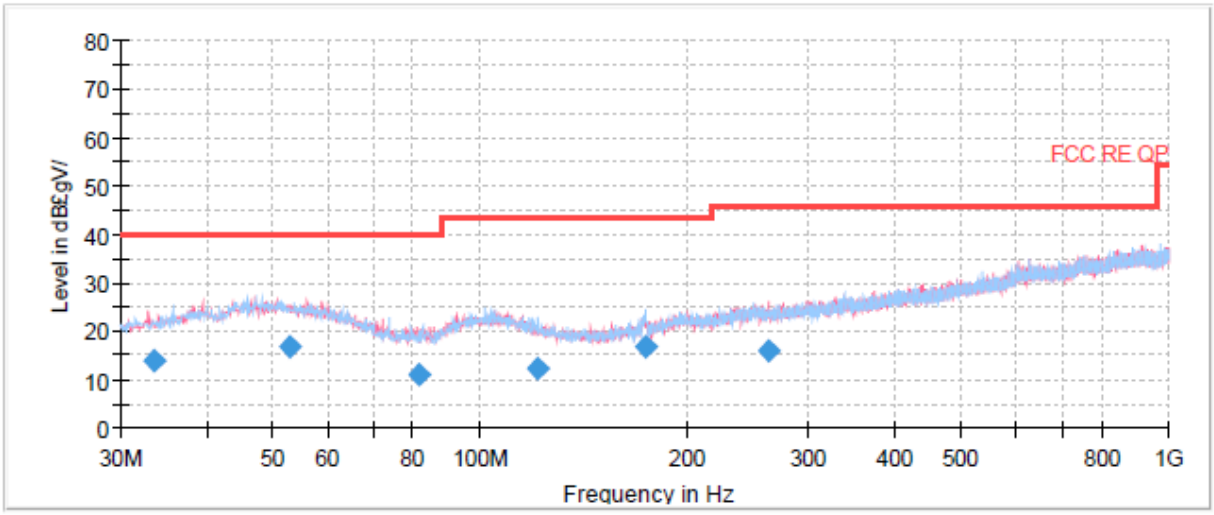
Frequency (MHz)	MaxPeak (dBµgV/m)	Average (dBµgV/m)	Limit (dBµgV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
18160.437500	---	35.51	54.00	18.49	500.0	100.0	H	105.0	-5.8
18318.750000	47.20	---	74.00	26.80	500.0	200.0	V	150.0	-5.8
20398.062500	---	35.69	54.00	18.31	500.0	100.0	V	143.0	-5.2
20448.000000	46.95	---	74.00	27.05	500.0	100.0	V	259.0	-4.9
20752.937500	48.34	---	74.00	25.66	500.0	100.0	V	236.0	-4.6
21138.625000	---	36.49	54.00	17.51	500.0	100.0	V	259.0	-4.2
22030.062500	48.78	---	74.00	25.22	500.0	100.0	H	0.0	-3.8
22532.625000	---	37.29	54.00	16.71	500.0	200.0	V	223.0	-3.4
24752.187500	48.29	---	74.00	25.71	500.0	200.0	V	63.0	-2.7
24760.687500	---	36.66	54.00	17.34	500.0	100.0	V	347.0	-2.7
25728.625000	48.13	---	74.00	25.87	500.0	200.0	H	319.0	-2.4
26382.062500	---	36.86	54.00	17.14	500.0	100.0	V	101.0	-2.2

Bluetooth LE

During the test, the Radiates Emission from 9kHz to 1GHz was performed in all modes with all channels. The test data of the worst-case condition was recorded in this report.



Radiates Emission from 9kHz to 30MHz



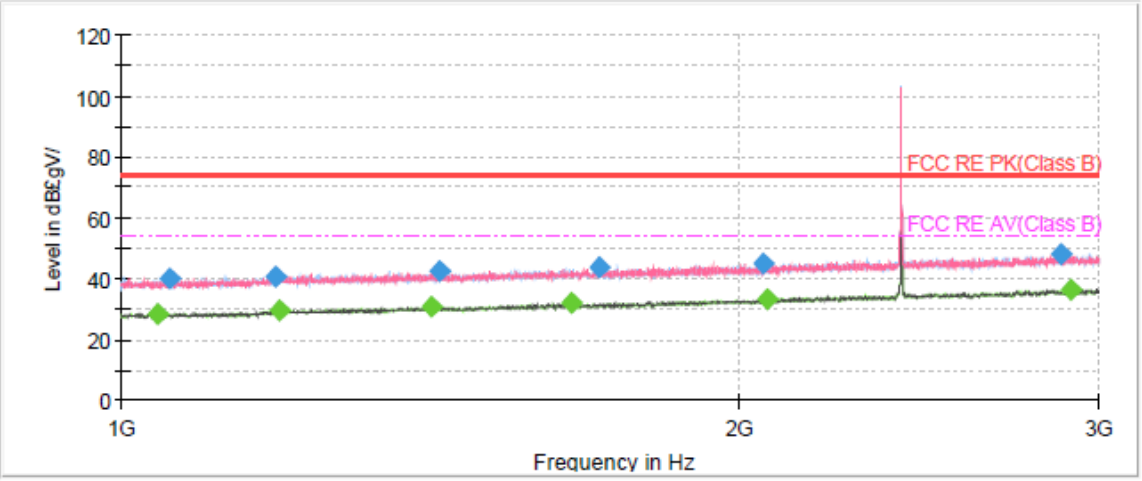
Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
33.510000	13.94	40.00	26.06	100.0	V	36.0	17.8
53.043750	16.88	40.00	23.12	185.0	H	190.0	20.9
81.697500	11.23	40.00	28.77	125.0	V	359.0	15.6
121.103750	12.48	43.50	31.02	209.0	H	242.0	16.9
173.918750	16.71	43.50	26.79	125.0	H	208.0	20.0
261.993750	16.16	46.00	29.84	100.0	V	9.0	20.1

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

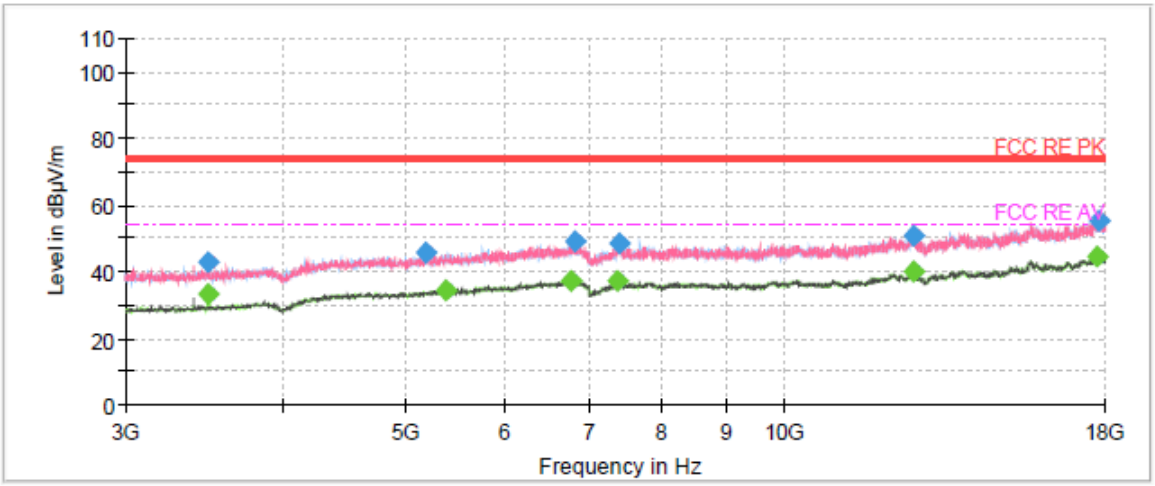
2. Margin = Limit – Quasi-Peak

Bluetooth LE-Channel 0



Final_Result

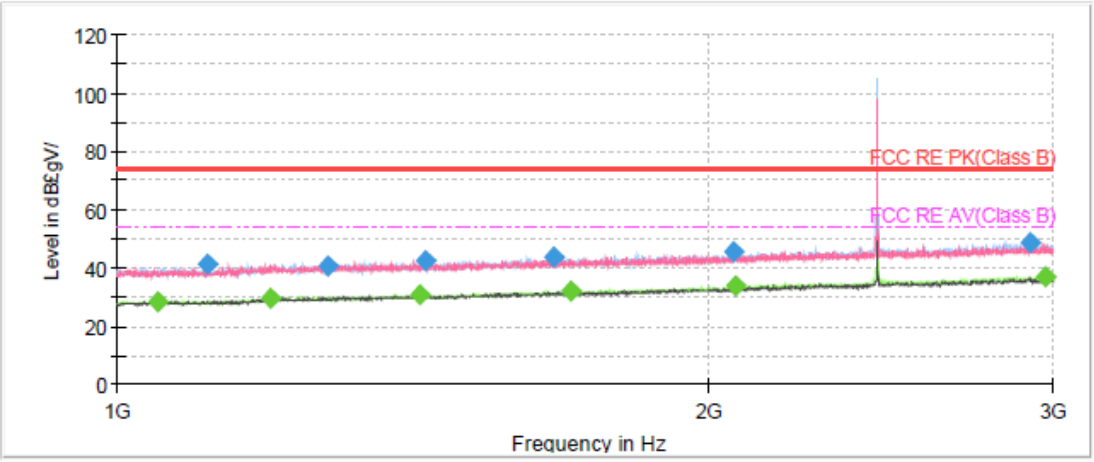
Frequency (MHz)	MaxPeak (dBµgV/m)	Average (dBµgV/m)	Limit (dBµgV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1041.250000	---	28.18	54.00	25.82	500.0	200.0	H	303.0	-10.5
1056.000000	39.85	---	74.00	34.15	500.0	200.0	V	21.0	-10.4
1189.000000	40.49	---	74.00	33.51	500.0	200.0	V	69.0	-9.0
1193.750000	---	29.34	54.00	24.66	500.0	200.0	H	256.0	-8.9
1416.000000	---	30.55	54.00	23.45	500.0	200.0	H	286.0	-7.4
1429.000000	42.49	---	74.00	31.51	500.0	200.0	V	291.0	-7.4
1656.500000	---	31.72	54.00	22.28	500.0	200.0	V	121.0	-6.1
1711.500000	43.75	---	74.00	30.25	500.0	200.0	V	77.0	-5.9
2056.750000	44.92	---	74.00	29.08	500.0	200.0	V	9.0	-4.2
2067.250000	---	33.24	54.00	20.76	500.0	200.0	V	0.0	-4.1
2874.250000	47.96	---	74.00	26.04	500.0	200.0	H	278.0	-1.1
2908.250000	---	36.29	54.00	17.71	500.0	200.0	V	95.0	-1.0



Final Result

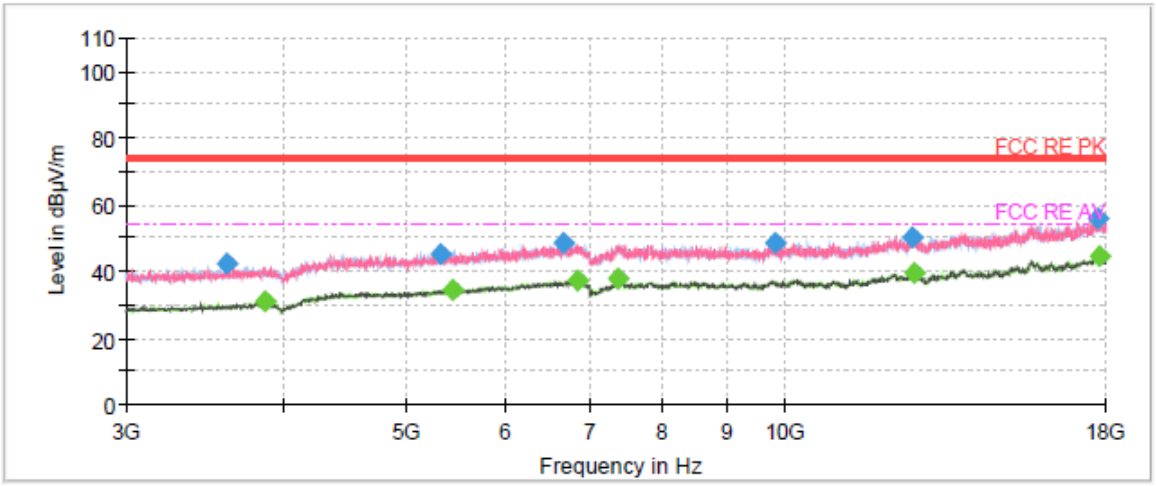
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3489.375000	43.05	---	74.00	30.95	500.0	200.0	H	45.0	-5.9
3489.375000	---	33.38	54.00	20.62	500.0	200.0	H	45.0	-5.9
5197.500000	45.53	---	74.00	28.47	500.0	200.0	V	26.0	-0.8
5388.750000	---	34.56	54.00	19.44	500.0	200.0	V	34.0	-0.3
6772.500000	---	37.43	54.00	16.57	500.0	200.0	H	18.0	1.4
6832.500000	48.81	---	74.00	25.19	500.0	200.0	H	18.0	1.5
7374.375000	---	37.41	54.00	16.59	500.0	200.0	H	0.0	2.2
7391.250000	48.73	---	74.00	25.27	500.0	200.0	V	34.0	2.3
12675.000000	50.79	---	74.00	23.21	500.0	200.0	V	45.0	5.5
12675.000000	---	40.24	54.00	13.76	500.0	200.0	H	26.0	5.5
17748.750000	---	44.74	54.00	9.26	500.0	200.0	V	26.0	10.2
17780.625000	55.56	---	74.00	18.44	500.0	200.0	H	18.0	10.3

Bluetooth LE-Channel 19



Final_Result

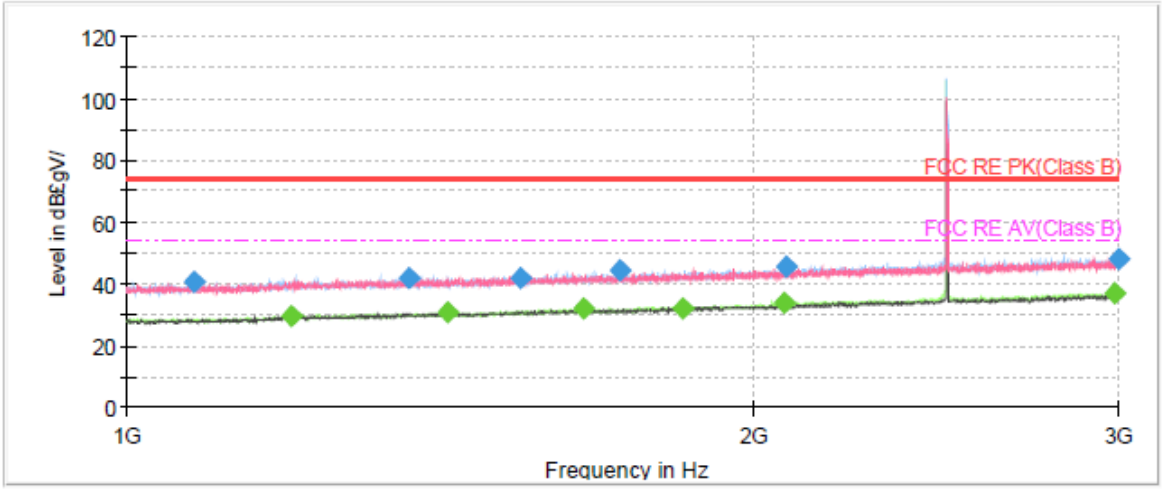
Frequency (MHz)	MaxPeak (dBµgV/m)	Average (dBµgV/m)	Limit (dBµgV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1048.500000	---	28.04	54.00	25.96	500.0	200.0	H	0.0	-10.5
1112.000000	41.10	---	74.00	32.90	500.0	200.0	H	0.0	-10.0
1196.750000	---	29.44	54.00	24.56	500.0	200.0	H	220.0	-8.9
1281.000000	40.67	---	74.00	33.33	500.0	200.0	H	0.0	-8.3
1427.250000	---	30.71	54.00	23.29	500.0	200.0	H	352.0	-7.4
1436.500000	42.36	---	74.00	31.64	500.0	200.0	V	167.0	-7.3
1668.000000	43.76	---	74.00	30.24	500.0	200.0	H	122.0	-6.1
1702.500000	---	32.05	54.00	21.95	500.0	200.0	H	317.0	-6.0
2063.250000	45.36	---	74.00	28.64	500.0	200.0	H	253.0	-4.1
2064.000000	---	33.59	54.00	20.41	500.0	200.0	H	313.0	-4.1
2920.750000	48.43	---	74.00	25.57	500.0	200.0	H	211.0	-1.0
2971.000000	---	36.91	54.00	17.09	500.0	200.0	H	140.0	-0.7



Final Result

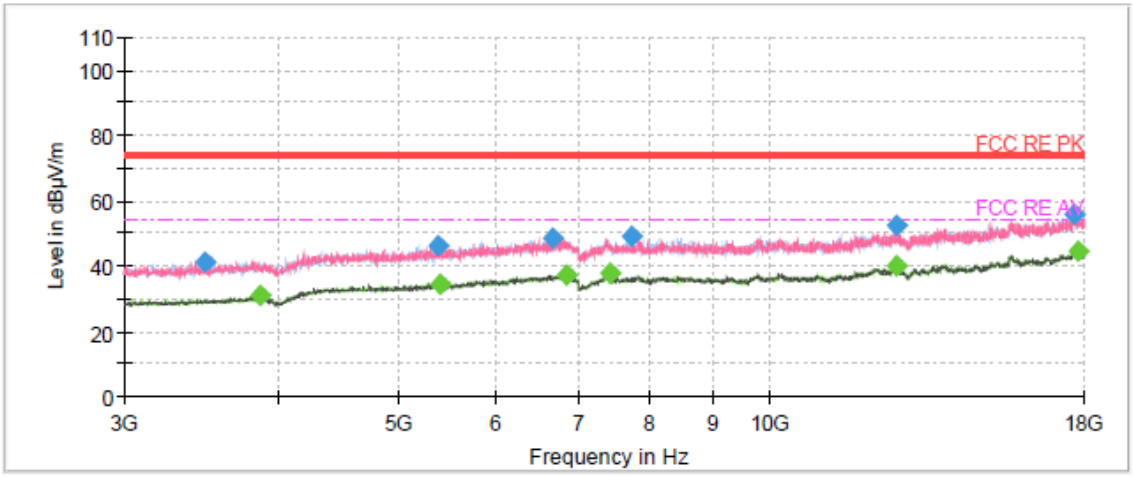
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3611.250000	42.18	---	74.00	31.82	500.0	200.0	V	27.0	-5.7
3873.750000	---	30.88	54.00	23.12	500.0	200.0	V	45.0	-4.8
5338.125000	45.06	---	74.00	28.94	500.0	200.0	H	3.0	-0.5
5443.125000	---	34.54	54.00	19.46	500.0	200.0	H	11.0	-0.2
6688.125000	48.61	---	74.00	25.39	500.0	200.0	V	45.0	1.3
6840.000000	---	37.32	54.00	16.68	500.0	200.0	H	3.0	1.4
7380.000000	---	37.68	54.00	16.32	500.0	200.0	V	42.0	2.2
9817.500000	48.57	---	74.00	25.43	500.0	200.0	H	3.0	3.0
12626.250000	50.31	---	74.00	23.69	500.0	200.0	H	0.0	5.3
12673.125000	---	39.72	54.00	14.28	500.0	200.0	V	45.0	5.5
17745.000000	55.68	---	74.00	18.32	500.0	200.0	H	3.0	10.2
17773.125000	---	44.48	54.00	9.52	500.0	200.0	H	19.0	10.2

Bluetooth LE-Channel 39



Final_Result

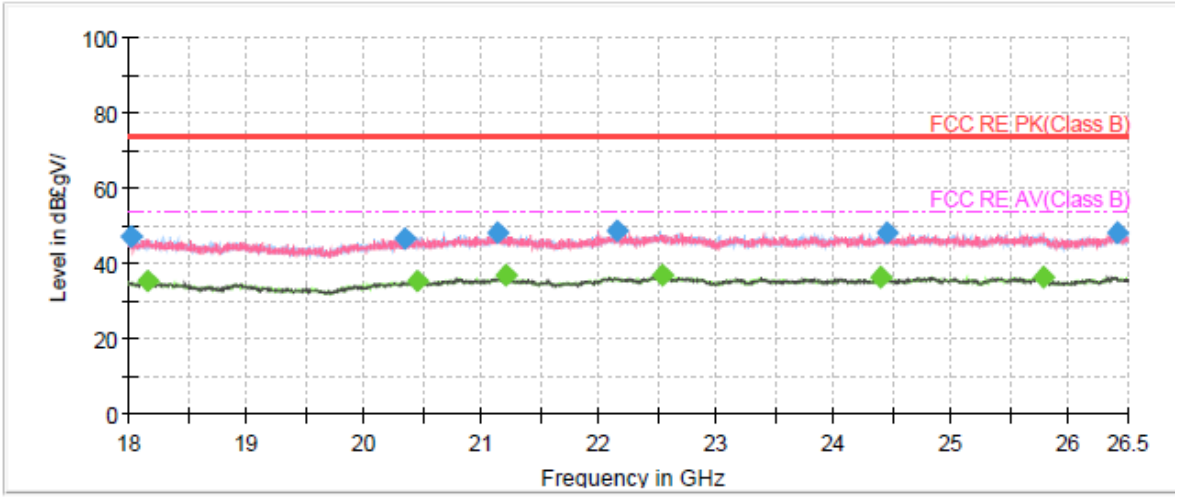
Frequency (MHz)	MaxPeak (dB£gV/m)	Average (dB£gV/m)	Limit (dB£gV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1076.500000	40.91	---	74.00	33.09	500.0	200.0	H	321.0	-10.3
1200.250000	---	29.57	54.00	24.43	500.0	200.0	H	184.0	-8.8
1367.500000	41.87	---	74.00	32.13	500.0	200.0	V	230.0	-7.7
1427.250000	---	30.62	54.00	23.38	500.0	200.0	H	142.0	-7.4
1546.250000	41.57	---	74.00	32.43	500.0	200.0	H	308.0	-6.7
1657.000000	---	32.00	54.00	22.00	500.0	200.0	H	330.0	-6.1
1726.500000	44.01	---	74.00	29.99	500.0	200.0	H	330.0	-5.8
1852.250000	---	31.95	54.00	22.05	500.0	200.0	H	308.0	-5.2
2072.750000	---	33.72	54.00	20.28	500.0	200.0	H	67.0	-4.0
2073.750000	45.39	---	74.00	28.61	500.0	200.0	H	207.0	-4.0
2989.250000	---	36.98	54.00	17.02	500.0	200.0	H	266.0	-0.6
2998.250000	48.22	---	74.00	25.78	500.0	200.0	H	321.0	-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)
3493.125000	41.22	---	74.00	32.78	500.0	200.0	V	42.0	-5.9
3862.500000	---	30.94	54.00	23.06	500.0	200.0	H	45.0	-4.8
5390.625000	46.23	---	74.00	27.77	500.0	200.0	H	34.0	-0.3
5401.875000	---	34.53	54.00	19.47	500.0	200.0	V	3.0	-0.2
6673.125000	48.54	---	74.00	25.46	500.0	200.0	H	18.0	1.3
6862.500000	---	37.08	54.00	16.92	500.0	200.0	H	26.0	1.4
7421.250000	---	37.59	54.00	16.41	500.0	200.0	H	0.0	2.3
7749.375000	48.87	---	74.00	25.13	500.0	200.0	H	26.0	2.3
12663.750000	---	39.96	54.00	14.04	500.0	200.0	H	26.0	5.4
12678.750000	52.25	---	74.00	21.75	500.0	200.0	V	42.0	5.5
17685.000000	55.59	---	74.00	18.41	500.0	200.0	H	42.0	10.1
17775.000000	---	44.35	54.00	9.65	500.0	200.0	V	42.0	10.3

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



Final_Result

Frequency (MHz)	MaxPeak (dB£gV/m)	Average (dB£gV/m)	Limit (dB£gV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
18014.875000	47.15	---	74.00	26.85	500.0	200.0	V	114.0	-5.7
18157.250000	---	35.32	54.00	18.68	500.0	200.0	H	157.0	-5.8
20351.312500	46.66	---	74.00	27.34	500.0	100.0	H	118.0	-5.4
20451.187500	---	35.37	54.00	18.63	500.0	100.0	V	359.0	-4.9
21131.187500	47.99	---	74.00	26.01	500.0	100.0	V	280.0	-4.2
21202.375000	---	36.71	54.00	17.29	500.0	200.0	V	55.0	-4.3
22158.625000	48.77	---	74.00	25.23	500.0	200.0	H	356.0	-3.7
22542.187500	---	36.98	54.00	17.02	500.0	200.0	H	342.0	-3.4
24404.750000	---	36.53	54.00	17.47	500.0	100.0	H	196.0	-3.1
24451.500000	48.02	---	74.00	25.98	500.0	200.0	H	218.0	-3.1
25779.625000	---	36.49	54.00	17.51	500.0	200.0	V	128.0	-2.5
26404.375000	48.08	---	74.00	25.92	500.0	200.0	V	87.0	-2.1

5.7. Conducted Emission

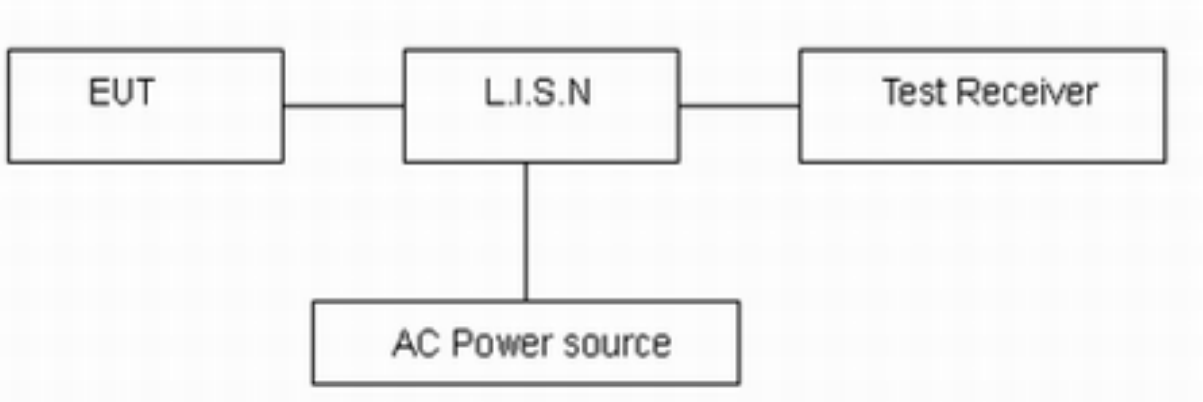
Ambient Condition

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(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

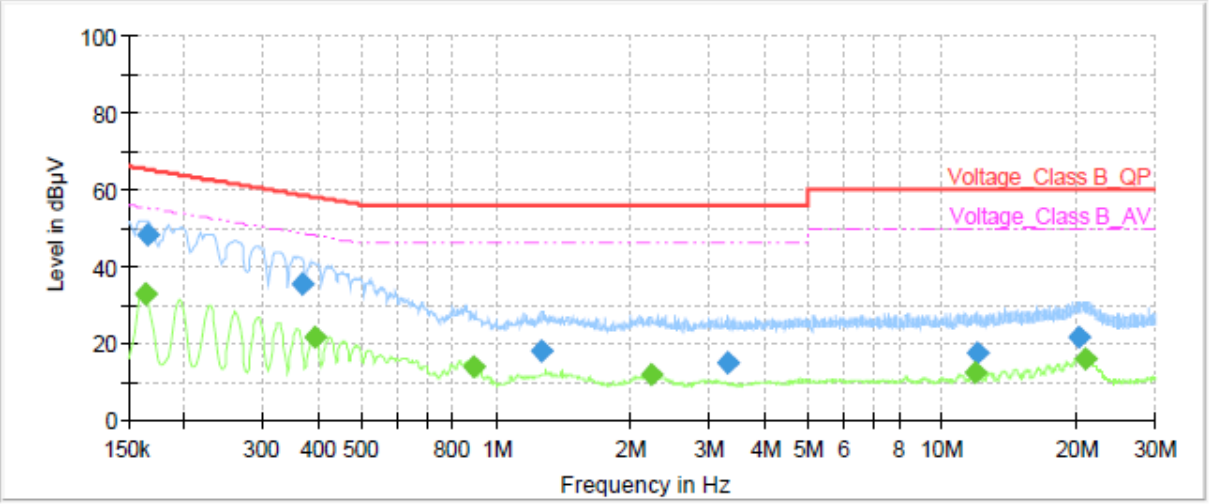
The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor k = 1.96, U= 2.69 dB.

Test Results:

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

Wi-Fi 2.4GHz

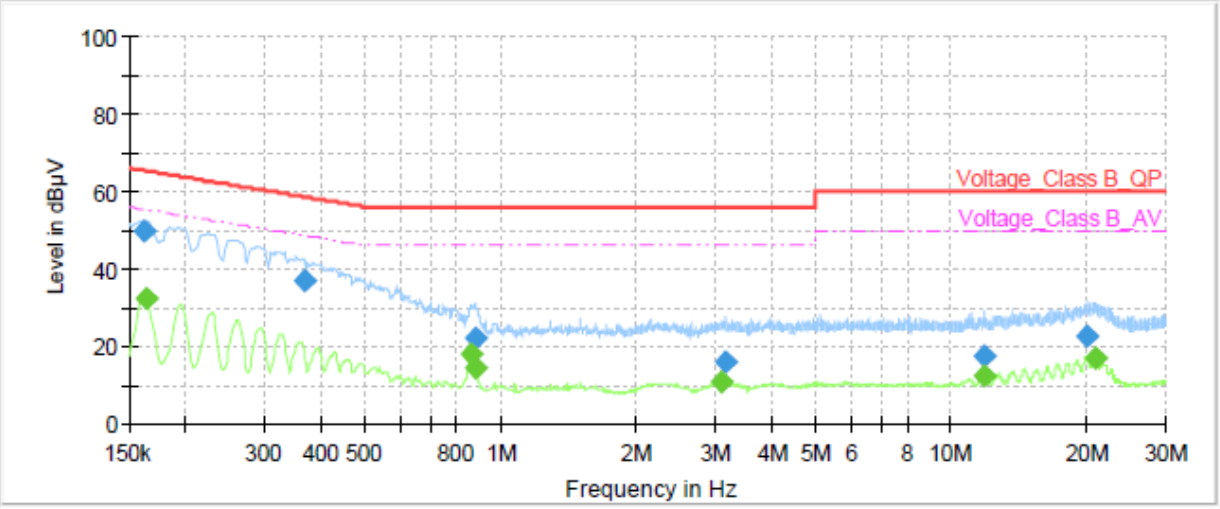
During the test, the Conducted Emission was performed in all modes with all channels. The test data of the worst-case condition was recorded in this report.



Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.16	---	32.64	55.28	22.64	1000.0	9.000	L1	ON	20.9
0.17	48.16	---	65.17	17.01	1000.0	9.000	L1	ON	20.9
0.37	35.17	---	58.54	23.37	1000.0	9.000	L1	ON	20.9
0.39	---	21.44	48.05	26.61	1000.0	9.000	L1	ON	20.9
0.89	---	13.78	46.00	32.22	1000.0	9.000	L1	ON	20.3
1.27	18.19	---	56.00	37.81	1000.0	9.000	L1	ON	20.0
2.24	---	11.98	46.00	34.02	1000.0	9.000	L1	ON	19.6
3.30	14.89	---	56.00	41.11	1000.0	9.000	L1	ON	19.5
11.87	---	12.33	50.00	37.67	1000.0	9.000	L1	ON	19.4
12.03	17.20	---	60.00	42.80	1000.0	9.000	L1	ON	19.4
20.32	21.71	---	60.00	38.29	1000.0	9.000	L1	ON	19.7
20.85	---	16.11	50.00	33.89	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



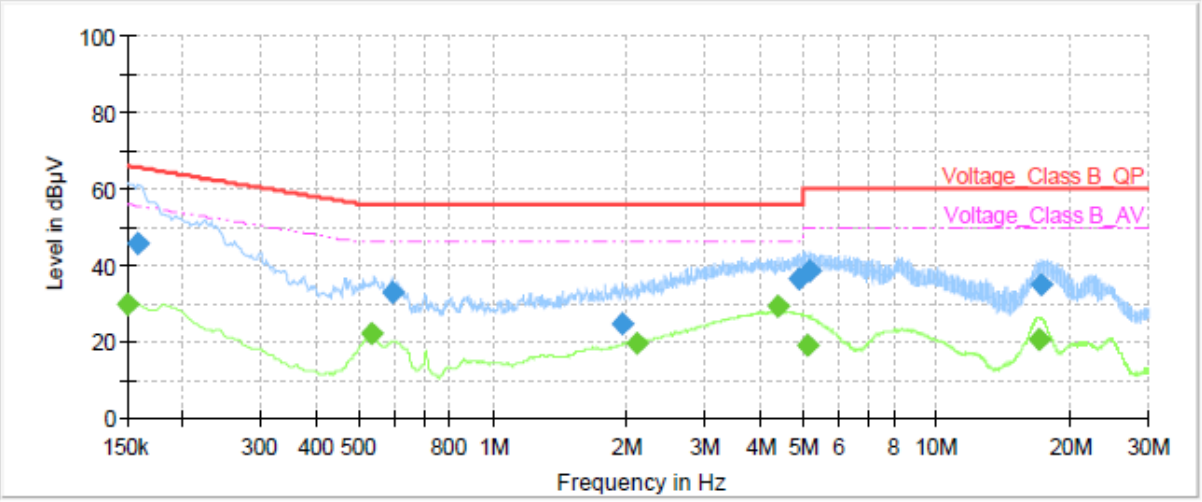
Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.16	49.91	---	65.40	15.49	1000.0	9.000	N	ON	20.9
0.16	---	32.56	55.28	22.72	1000.0	9.000	N	ON	20.9
0.37	36.72	---	58.59	21.87	1000.0	9.000	N	ON	20.9
0.86	---	18.10	46.00	27.90	1000.0	9.000	N	ON	20.3
0.88	22.21	---	56.00	33.79	1000.0	9.000	N	ON	20.3
0.88	---	14.28	46.00	31.72	1000.0	9.000	N	ON	20.3
3.10	---	10.92	46.00	35.08	1000.0	9.000	N	ON	19.5
3.16	16.00	---	56.00	40.00	1000.0	9.000	N	ON	19.5
11.86	---	12.39	50.00	37.61	1000.0	9.000	N	ON	19.4
11.89	17.52	---	60.00	42.48	1000.0	9.000	N	ON	19.4
20.09	22.65	---	60.00	37.35	1000.0	9.000	N	ON	19.7
20.85	---	16.88	50.00	33.12	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

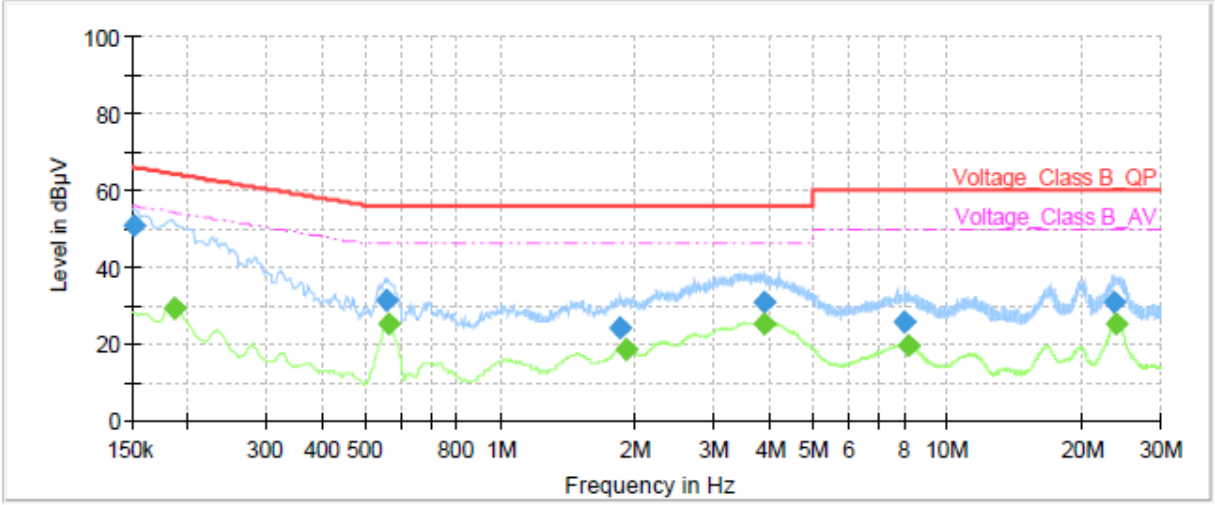
During the test, the Conducted Emission was performed in all modes with all channels. The test data of the worst-case condition was



Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.15	---	29.98	56.00	26.02	1000.0	9.000	L1	ON	20.9
0.16	45.73	---	65.52	19.79	1000.0	9.000	L1	ON	20.9
0.53	---	22.01	46.00	23.99	1000.0	9.000	L1	ON	20.7
0.59	32.71	---	56.00	23.29	1000.0	9.000	L1	ON	20.7
1.95	24.71	---	56.00	31.29	1000.0	9.000	L1	ON	19.7
2.10	---	19.52	46.00	26.48	1000.0	9.000	L1	ON	19.6
4.39	---	29.08	46.00	16.92	1000.0	9.000	L1	ON	19.4
4.89	36.48	---	56.00	19.52	1000.0	9.000	L1	ON	19.4
5.13	---	18.98	50.00	31.02	1000.0	9.000	L1	ON	19.4
5.17	38.35	---	60.00	21.65	1000.0	9.000	L1	ON	19.4
16.99	---	20.53	50.00	29.47	1000.0	9.000	L1	ON	19.6
17.18	34.77	---	60.00	25.23	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)
0.15	50.68	---	65.88	15.20	1000.0	9.000	N	ON	20.9
0.19	---	29.19	54.21	25.02	1000.0	9.000	N	ON	21.0
0.56	31.34	---	56.00	24.66	1000.0	9.000	N	ON	20.7
0.56	---	25.28	46.00	20.72	1000.0	9.000	N	ON	20.7
1.86	24.02	---	56.00	31.98	1000.0	9.000	N	ON	19.7
1.91	---	18.64	46.00	27.36	1000.0	9.000	N	ON	19.7
3.87	30.85	---	56.00	25.15	1000.0	9.000	N	ON	19.4
3.88	---	25.28	46.00	20.72	1000.0	9.000	N	ON	19.4
8.03	25.79	---	60.00	34.21	1000.0	9.000	N	ON	19.4
8.14	---	19.30	50.00	30.70	1000.0	9.000	N	ON	19.4
23.67	30.66	---	60.00	29.34	1000.0	9.000	N	ON	19.8
23.94	---	25.25	50.00	24.75	1000.0	9.000	N	ON	19.8

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
DC Power Supply	UNI-T	UTP1306S+	2205D0517426	2024-12-02	2025-12-01
Attenuator	HASCO	HA18A-10	0003	/	/
EMI Test Receiver	R&S	ESCI3	100948	2024-05-07	2025-05-06
Signal Analyzer	R&S	FSV40	101186	2024-05-07	2025-05-06
Loop Antenna	SCHWARZBECK	FMZB1519	1519-047	2023-04-16	2026-04-15
TRILOG Broadband Antenna	SCHWARZBECK	VULB 9163	1023	2023-07-14	2026-07-13
Horn Antenna	SCHWARZBECK	BBHA 9120D	430	2024-07-18	2027-07-17
Amplifier	MWPA.CN	MWLA-010200G40	YQ2103039B01	2024-05-07	2025-05-06
Horn Antenna	ETS-Lindgren	3160-09	00102643	2024-09-24	2027-09-23
Horn Antenna	STEATITE	QSH-SL-26-40-K-15	16779	2023-01-17	2026-01-16
Amplifier	MicroWave	KLNA-18040050	220826001	2024-05-08	2025-05-07
Antenna mast	ETS	2070-2	00095628	/	/
Software	R&S	EMC32	9.26.01	/	/
Artificial main network	R&S	ENV216	102191	2024-12-02	2026-12-01
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 ********