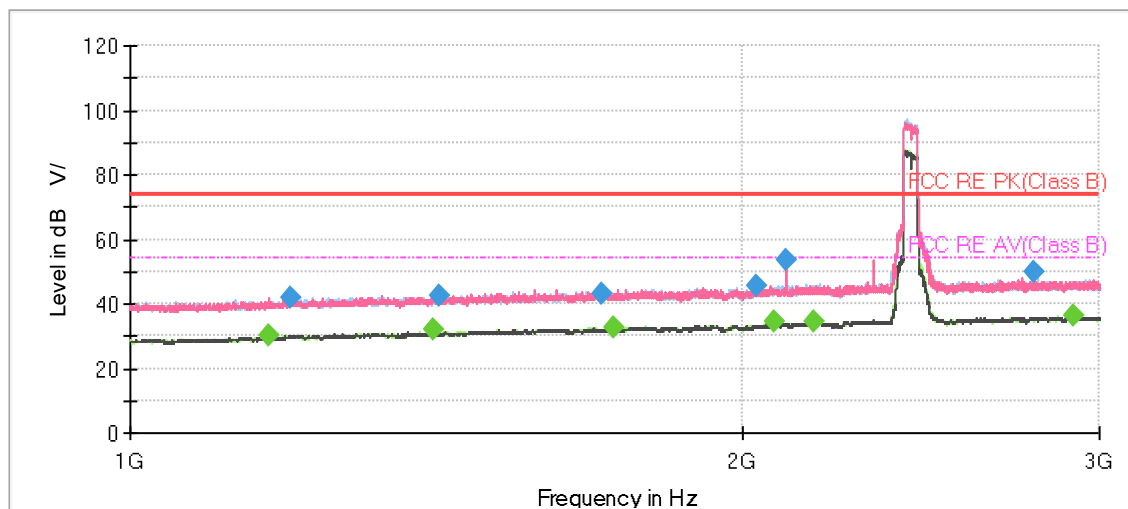


802.11n (HT40) CH3

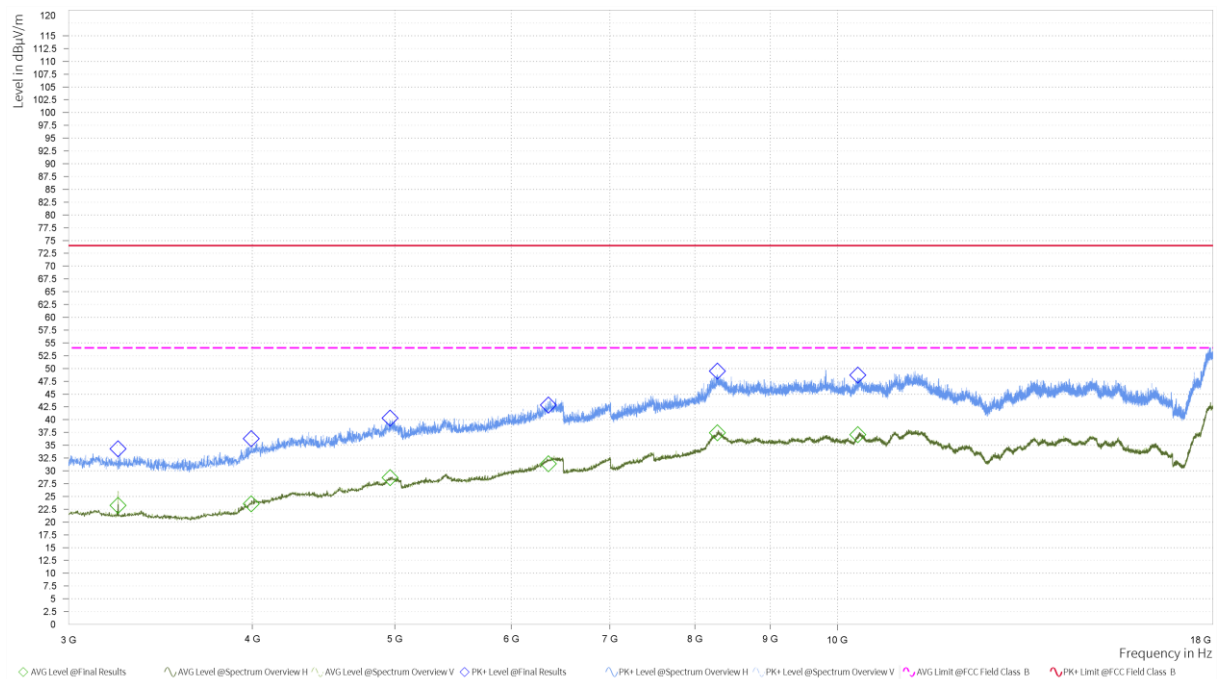


Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1170.000000	---	30.40	54.00	23.60	500.0	200.0	V	310.0	-9.4
1199.000000	42.12	---	74.00	31.88	500.0	200.0	V	325.0	-8.8
1410.000000	---	31.80	54.00	22.20	500.0	200.0	V	74.0	-7.5
1420.750000	42.57	---	74.00	31.43	500.0	200.0	V	0.0	-7.4
1708.500000	43.28	---	74.00	30.72	500.0	100.0	H	119.0	-5.9
1732.000000	---	32.60	54.00	21.40	500.0	200.0	V	1.0	-5.8
2036.000000	45.76	---	74.00	28.24	500.0	100.0	V	306.0	-4.3
2075.000000	---	34.19	54.00	19.81	500.0	200.0	V	17.0	-4.0
2105.250000	53.26	---	74.00	20.74	500.0	200.0	V	155.0	-3.7
2170.000000	---	34.69	54.00	19.31	500.0	100.0	V	265.0	-3.5
2783.250000	49.93	---	74.00	24.07	500.0	200.0	V	49.0	-1.4
2916.250000	---	36.08	54.00	17.92	500.0	100.0	H	0.0	-1.0

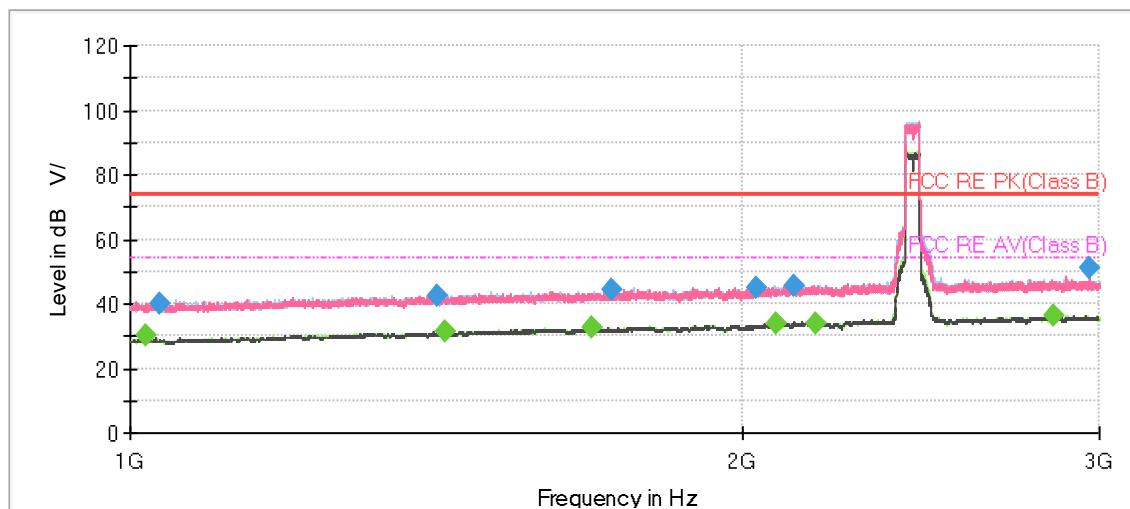
Spectrum Overview H/V



Radiates Emission from 3GHz to 18GHz

Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]	Meas. Time [s]
3,241.875	34.26	74.00	39.74	23.22	54.00	30.78	-7.74	V	109.6	1.00	1.000
3,993.750	36.25	74.00	37.75	23.55	54.00	30.45	-5.61	H	79.1	1.00	1.000
4,963.125	40.28	74.00	33.72	28.63	54.00	25.37	-0.82	H	47.9	1.00	1.000
6,358.125	42.84	74.00	31.16	31.36	54.00	22.64	1.47	H	163.9	1.00	1.000
8,283.750	49.43	74.00	24.57	37.40	54.00	16.60	6.60	H	163.9	1.00	1.000
10,321.875	48.69	74.00	25.31	37.02	54.00	16.98	6.02	H	71.1	1.00	1.000

802.11n (HT40) CH4

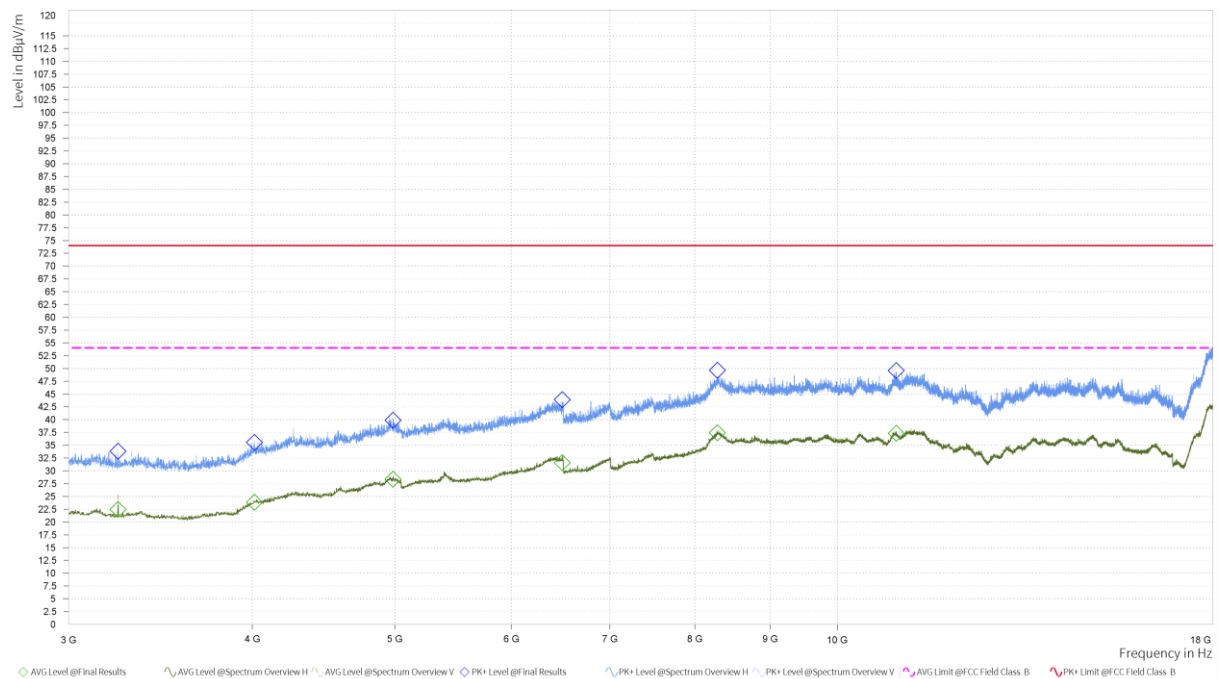


Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1017.000000	---	30.28	54.00	23.72	500.0	200.0	V	321.0	-10.6
1034.250000	40.27	---	74.00	33.73	500.0	200.0	H	29.0	-10.5
1416.250000	42.74	---	74.00	31.26	500.0	100.0	V	248.0	-7.4
1428.000000	---	31.18	54.00	22.82	500.0	200.0	H	318.0	-7.4
1688.750000	---	32.41	54.00	21.59	500.0	200.0	H	326.0	-6.0
1725.750000	44.19	---	74.00	29.81	500.0	200.0	V	10.0	-5.8
2032.750000	44.66	---	74.00	29.34	500.0	100.0	H	165.0	-4.3
2078.000000	---	33.98	54.00	20.02	500.0	100.0	H	67.0	-3.9
2120.250000	45.37	---	74.00	28.63	500.0	100.0	H	100.0	-3.6
2176.750000	---	34.07	54.00	19.93	500.0	100.0	H	19.0	-3.5
2849.250000	---	36.15	54.00	17.85	500.0	100.0	H	67.0	-1.1
2968.000000	50.98	---	74.00	23.02	500.0	200.0	V	43.0	-0.8

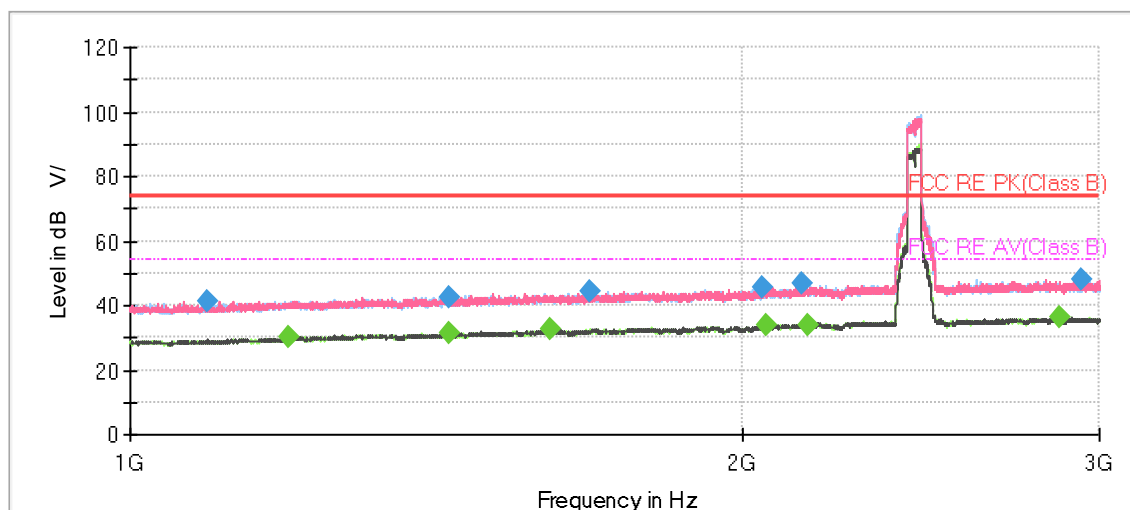
Spectrum Overview H/V



Radiates Emission from 3GHz to 18GHz

Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]	Meas. Time [s]
3,241.875	33.79	74.00	40.21	22.45	54.00	31.55	-7.74	V	85.4	2.00	1.000
4,012.500	35.51	74.00	38.49	23.82	54.00	30.18	-5.46	V	124.8	2.00	1.000
4,985.625	39.87	74.00	34.13	28.35	54.00	25.65	-0.93	H	76.9	1.00	1.000
6,498.750	43.86	74.00	30.14	31.58	54.00	22.42	1.15	H	100.2	1.00	1.000
8,285.625	49.59	74.00	24.41	37.43	54.00	16.57	6.62	H	47.5	2.00	1.000
10,961.250	49.59	74.00	24.41	37.33	54.00	16.67	6.70	H	132.2	1.00	1.000

802.11n (HT40) CH5

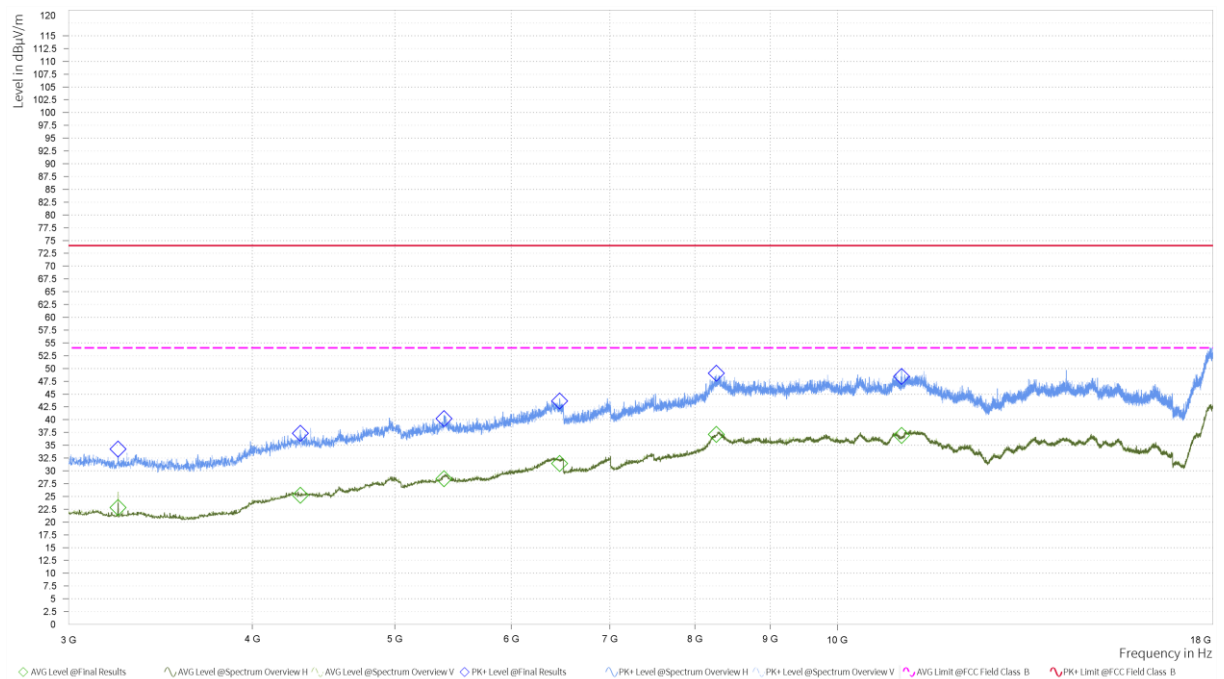


Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1091.500000	41.45	---	74.00	32.55	500.0	100.0	V	0.0	-10.2
1197.250000	---	30.13	54.00	23.87	500.0	200.0	H	187.0	-8.9
1435.250000	---	31.28	54.00	22.72	500.0	100.0	V	338.0	-7.4
1435.750000	42.66	---	74.00	31.34	500.0	100.0	H	318.0	-7.4
1610.750000	---	32.54	54.00	21.46	500.0	100.0	H	318.0	-6.3
1683.000000	44.57	---	74.00	29.43	500.0	200.0	H	54.0	-6.0
2049.000000	45.45	---	74.00	28.55	500.0	200.0	H	244.0	-4.2
2055.000000	---	34.05	54.00	19.95	500.0	100.0	H	335.0	-4.2
2144.000000	46.68	---	74.00	27.32	500.0	100.0	V	289.0	-3.5
2154.750000	---	34.14	54.00	19.86	500.0	200.0	H	12.0	-3.5
2867.750000	---	36.27	54.00	17.73	500.0	100.0	V	265.0	-1.1
2942.500000	48.07	---	74.00	25.93	500.0	200.0	V	102.0	-0.9

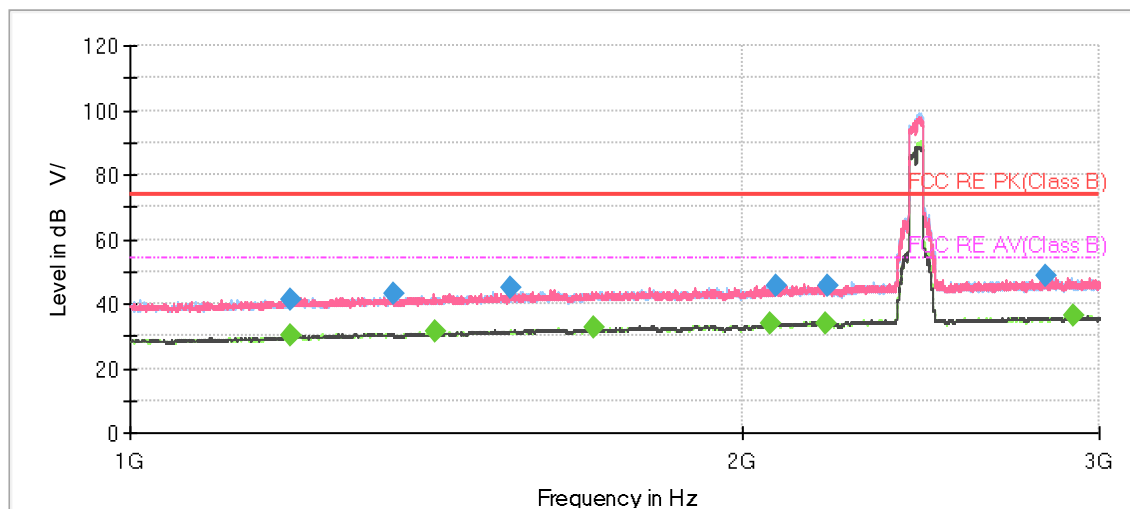
Spectrum Overview H/V



Radiates Emission from 3GHz to 18GHz

Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]	Meas. Time [s]
3,241.875	34.23	74.00	39.77	22.81	54.00	31.19	-7.74	V	0.1	2.00	1.000
4,312.500	37.32	74.00	36.68	25.21	54.00	28.79	-3.35	H	6.1	1.00	1.000
5,400.000	40.18	74.00	33.82	28.44	54.00	25.56	-0.84	H	31.7	2.00	1.000
6,472.500	43.61	74.00	30.39	31.43	54.00	22.57	1.24	H	61.9	1.00	1.000
8,272.500	49.06	74.00	24.94	37.08	54.00	16.92	6.44	V	0	2.00	1.000
11,056.875	48.42	74.00	25.58	36.88	54.00	17.12	6.42	H	31.7	2.00	1.000

802.11n (HT40) CH6

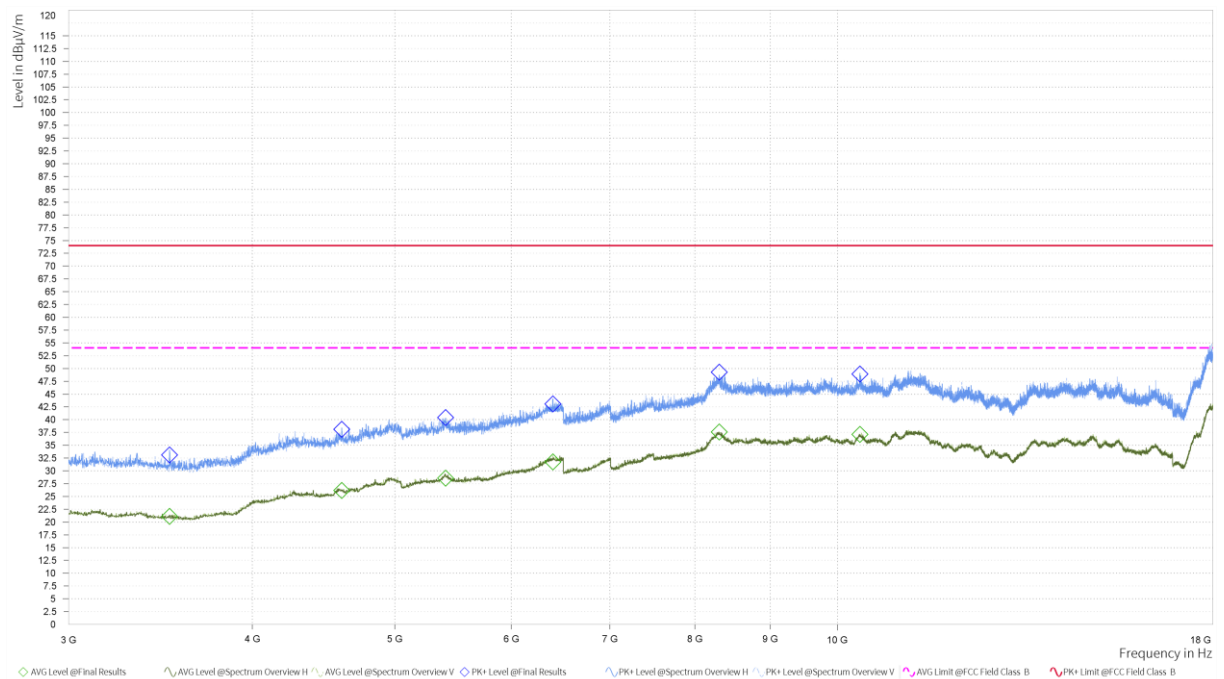


Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1198.750000	---	30.08	54.00	23.92	500.0	200.0	V	260.0	-8.8
1199.000000	41.25	---	74.00	32.75	500.0	100.0	V	77.0	-8.8
1348.250000	43.29	---	74.00	30.71	500.0	200.0	H	35.0	-8.0
1412.500000	---	31.40	54.00	22.60	500.0	200.0	H	183.0	-7.5
1541.000000	44.67	---	74.00	29.33	500.0	200.0	H	128.0	-6.8
1691.250000	---	32.63	54.00	21.37	500.0	200.0	V	85.0	-6.0
2066.750000	---	33.88	54.00	20.12	500.0	100.0	H	338.0	-4.1
2078.750000	45.69	---	74.00	28.31	500.0	100.0	H	298.0	-3.9
2200.750000	---	34.05	54.00	19.95	500.0	100.0	H	355.0	-3.3
2207.500000	45.33	---	74.00	28.67	500.0	100.0	H	0.0	-3.3
2824.750000	48.33	---	74.00	25.67	500.0	200.0	V	8.0	-1.2
2916.750000	---	36.11	54.00	17.89	500.0	200.0	H	0.0	-1.0

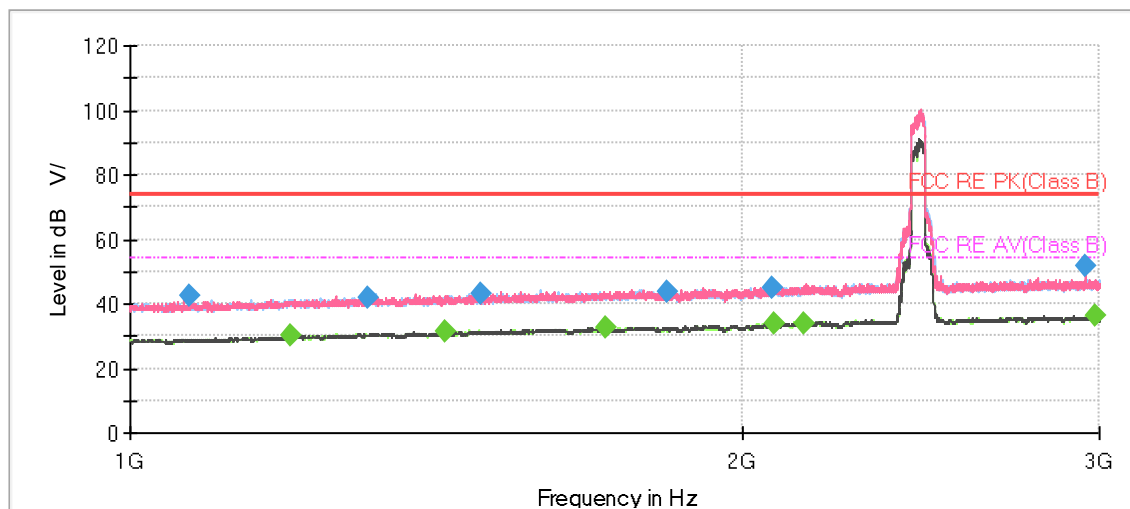
Spectrum Overview H/V



Radiates Emission from 3GHz to 18GHz

Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]	Meas. Time [s]
3,513.750	33.10	74.00	40.90	21.07	54.00	32.93	-7.82	H	82.4	1.00	1.000
4,601.250	38.10	74.00	35.90	26.16	54.00	27.84	-2.53	H	20.9	1.00	1.000
5,413.125	40.39	74.00	33.61	28.55	54.00	25.45	-0.65	H	141.2	2.00	1.000
6,403.125	43.04	74.00	30.96	31.74	54.00	22.26	1.64	H	0	1.00	1.000
8,310.000	49.27	74.00	24.73	37.56	54.00	16.44	6.55	H	98	2.00	1.000
10,355.625	48.89	74.00	25.11	37.10	54.00	16.90	6.24	H	126.5	1.00	1.000

802.11n (HT40) CH 7

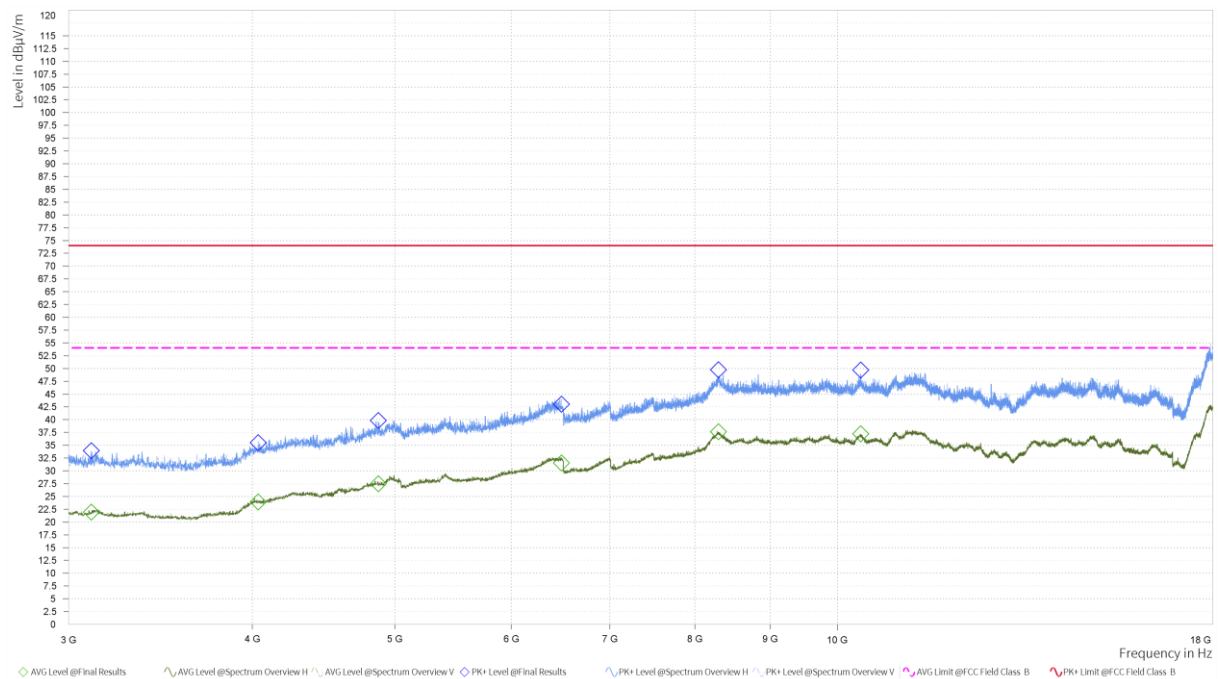


Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1070.250000	42.48	---	74.00	31.52	500.0	200.0	V	6.0	-10.3
1199.500000	---	30.12	54.00	23.88	500.0	200.0	V	253.0	-8.8
1309.000000	41.79	---	74.00	32.21	500.0	100.0	V	105.0	-8.1
1430.250000	---	31.19	54.00	22.81	500.0	200.0	H	113.0	-7.4
1489.750000	42.94	---	74.00	31.06	500.0	100.0	V	105.0	-7.1
1714.250000	---	32.49	54.00	21.51	500.0	200.0	H	164.0	-5.9
1836.750000	43.75	---	74.00	30.25	500.0	200.0	H	37.0	-5.2
2069.250000	45.02	---	74.00	28.98	500.0	100.0	H	342.0	-4.0
2074.500000	---	33.87	54.00	20.13	500.0	200.0	H	53.0	-4.0
2144.500000	---	34.00	54.00	20.00	500.0	200.0	V	262.0	-3.5
2955.000000	51.62	---	74.00	22.38	500.0	200.0	V	57.0	-0.8
2987.750000	---	36.32	54.00	17.68	500.0	100.0	H	301.0	-0.7

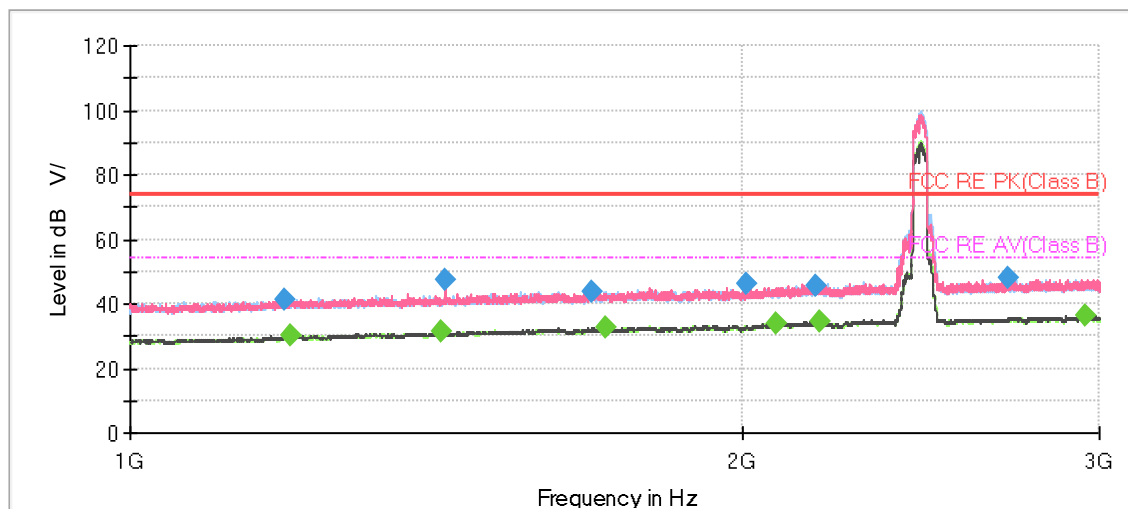
Spectrum Overview H/V



Radiates Emission from 3GHz to 18GHz

Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]	Meas. Time [s]
3,108.750	33.91	74.00	40.09	21.89	54.00	32.11	-7.69	H	50.9	1.00	1.000
4,036.875	35.49	74.00	38.51	23.88	54.00	30.12	-5.48	V	0	2.00	1.000
4,873.125	39.80	74.00	34.20	27.45	54.00	26.55	-1.76	H	120.2	2.00	1.000
6,489.375	42.99	74.00	31.01	31.54	54.00	22.46	1.17	V	51.4	2.00	1.000
8,298.750	49.72	74.00	24.28	37.60	54.00	16.40	6.69	V	132.1	1.00	1.000
10,368.750	49.67	74.00	24.33	37.19	54.00	16.81	6.26	H	28.7	1.00	1.000

802.11n (HT40) CH8

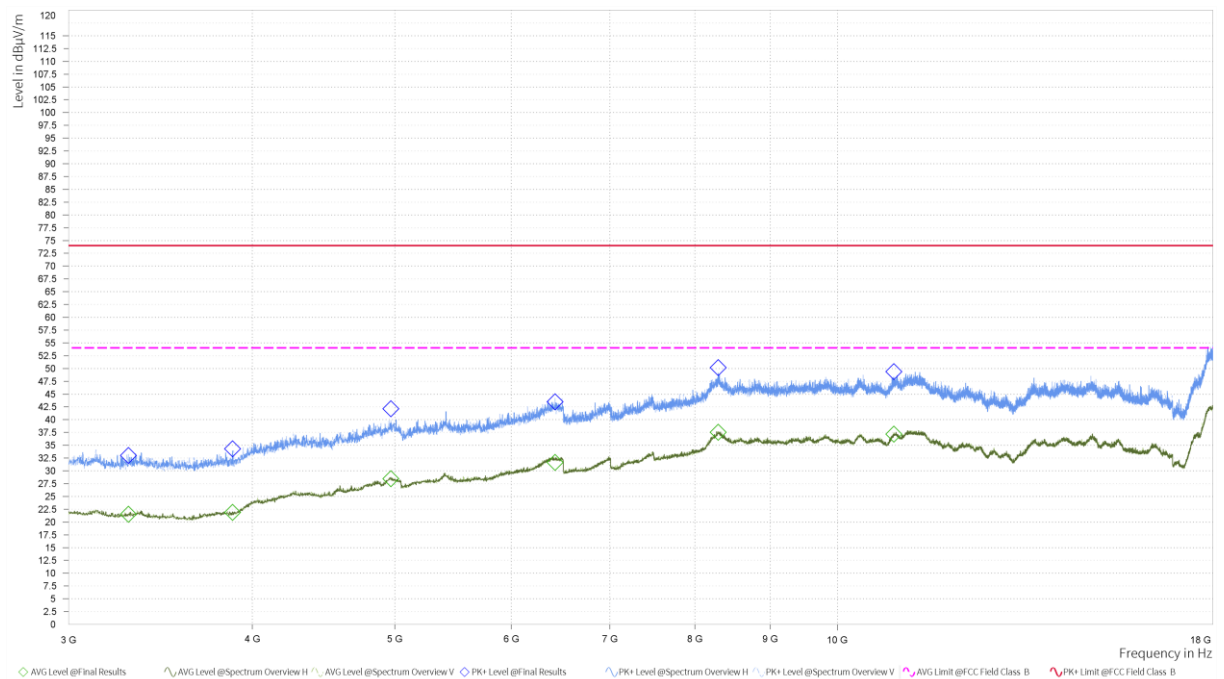


Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1192.500000	40.94	---	74.00	33.06	500.0	200.0	V	6.0	-9.0
1200.250000	---	30.04	54.00	23.96	500.0	200.0	V	55.0	-8.8
1424.500000	---	31.12	54.00	22.88	500.0	100.0	H	146.0	-7.4
1428.250000	47.25	---	74.00	26.75	500.0	100.0	V	232.0	-7.4
1688.500000	43.86	---	74.00	30.14	500.0	200.0	V	256.0	-6.0
1714.500000	---	32.57	54.00	21.43	500.0	100.0	H	146.0	-5.9
2011.000000	45.99	---	74.00	28.01	500.0	200.0	V	81.0	-4.4
2077.750000	---	33.94	54.00	20.06	500.0	200.0	H	0.0	-3.9
2173.500000	45.69	---	74.00	28.31	500.0	100.0	V	341.0	-3.5
2186.000000	---	34.21	54.00	19.79	500.0	100.0	H	224.0	-3.4
2705.750000	48.13	---	74.00	25.87	500.0	200.0	V	55.0	-1.6
2954.000000	---	36.18	54.00	17.82	500.0	200.0	V	223.0	-0.8

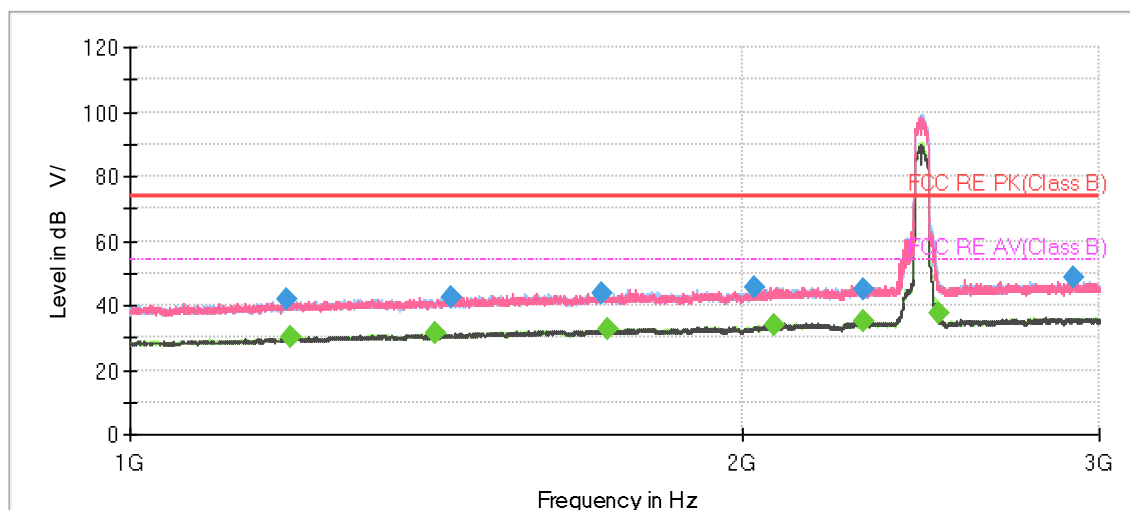
Spectrum Overview H/V



Radiates Emission from 3GHz to 18GHz

Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3,294.375	33.00	74.00	41.00	21.49	54.00	32.51	-7.54	V	126.9	2.00
3,877.500	34.27	74.00	39.73	21.87	54.00	32.13	-7.29	H	166.6	2.00
4,968.750	42.08	74.00	31.92	28.44	54.00	25.56	-0.85	V	20.2	2.00
6,425.625	43.44	74.00	30.56	31.64	54.00	22.36	1.55	V	1.7	2.00
8,296.875	50.12	74.00	23.88	37.51	54.00	16.49	6.72	H	61.5	2.00
10,920.000	49.34	74.00	24.66	37.16	54.00	16.84	6.62	H	151.8	2.00

802.11n (HT40) CH9

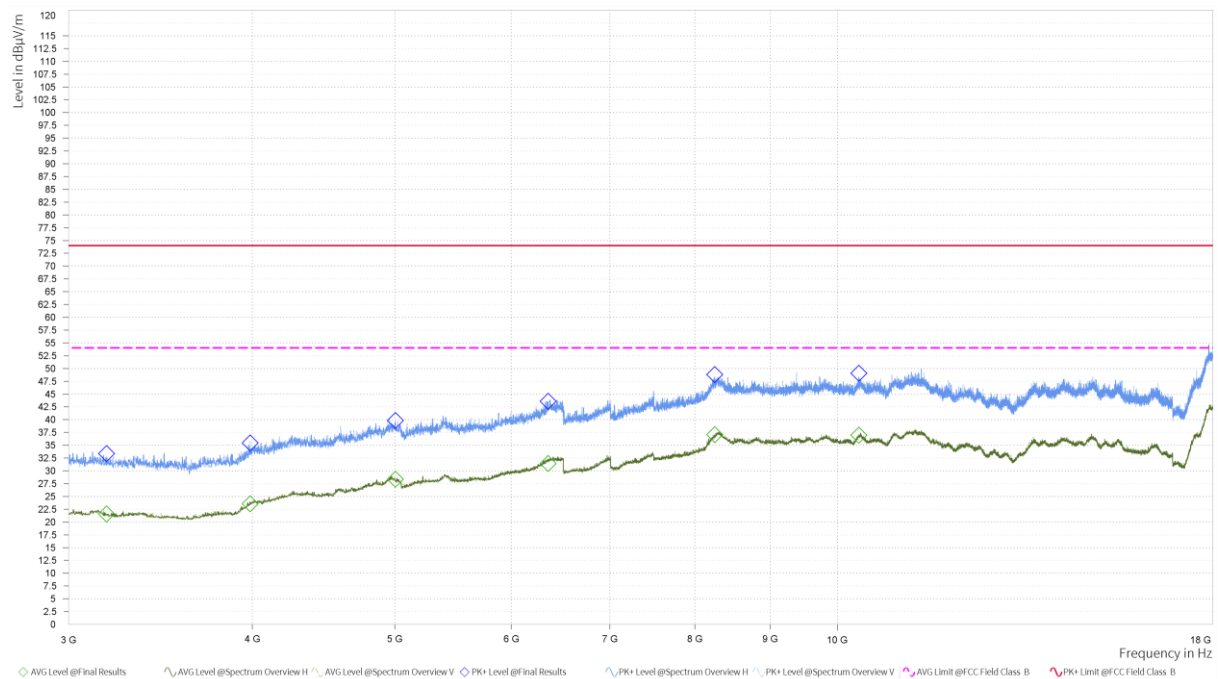


Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1194.500000	41.80	---	74.00	32.20	500.0	200.0	V	14.0	-8.9
1198.750000	---	30.27	54.00	23.73	500.0	100.0	V	311.0	-8.8
1413.750000	---	31.21	54.00	22.79	500.0	100.0	H	0.0	-7.5
1437.500000	42.66	---	74.00	31.34	500.0	100.0	V	31.0	-7.3
1708.500000	43.94	---	74.00	30.06	500.0	200.0	H	341.0	-5.9
1718.750000	---	32.43	54.00	21.57	500.0	200.0	H	333.0	-5.9
2029.500000	45.56	---	74.00	28.44	500.0	100.0	H	224.0	-4.3
2074.000000	---	33.80	54.00	20.21	500.0	200.0	V	126.0	-4.0
2294.250000	---	34.79	54.00	19.21	500.0	200.0	V	305.0	-2.9
2294.500000	44.71	---	74.00	29.29	500.0	200.0	H	248.0	-2.9
2498.500000	---	37.73	54.00	16.27	500.0	100.0	H	291.0	-2.1
2912.750000	48.49	---	74.00	25.51	500.0	200.0	V	6.0	-1.0

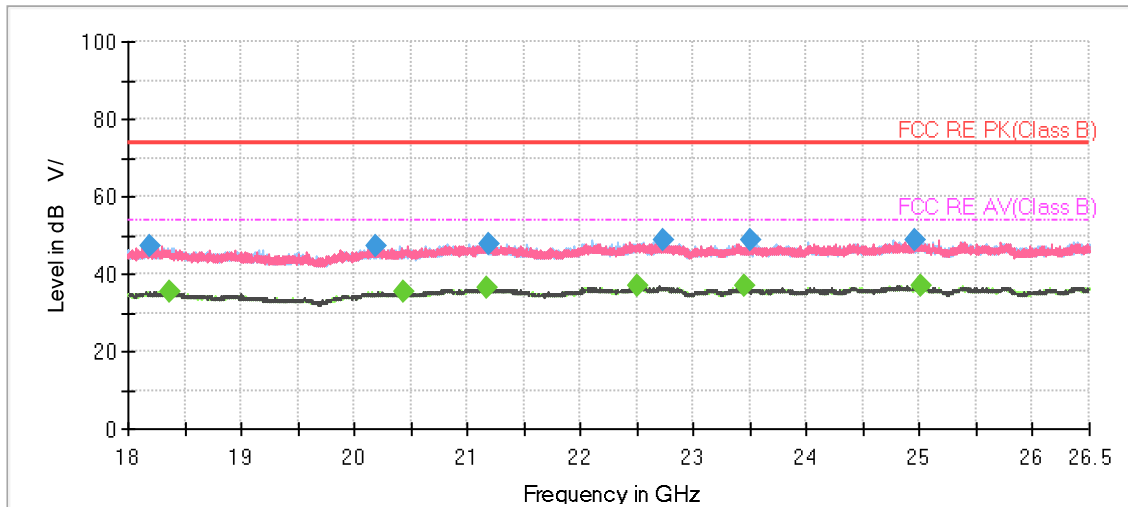
Spectrum Overview H/V



Radiates Emission from 3GHz to 18GHz

Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]	Meas. Time [s]
3,183.750	33.32	74.00	40.68	21.57	54.00	32.43	-7.90	V	119.5	2.00	1.000
3,986.250	35.45	74.00	38.55	23.54	54.00	30.46	-5.69	V	81.2	2.00	1.000
5,004.375	39.81	74.00	34.19	28.31	54.00	25.69	-1.03	H	149.2	1.00	1.000
6,356.250	43.56	74.00	30.44	31.40	54.00	22.60	1.47	H	0.5	1.00	1.000
8,250.000	48.78	74.00	25.22	37.02	54.00	16.98	6.13	H	126.8	1.00	1.000
10,340.625	49.04	74.00	24.96	36.92	54.00	17.08	6.14	H	0.5	1.00	1.000

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.

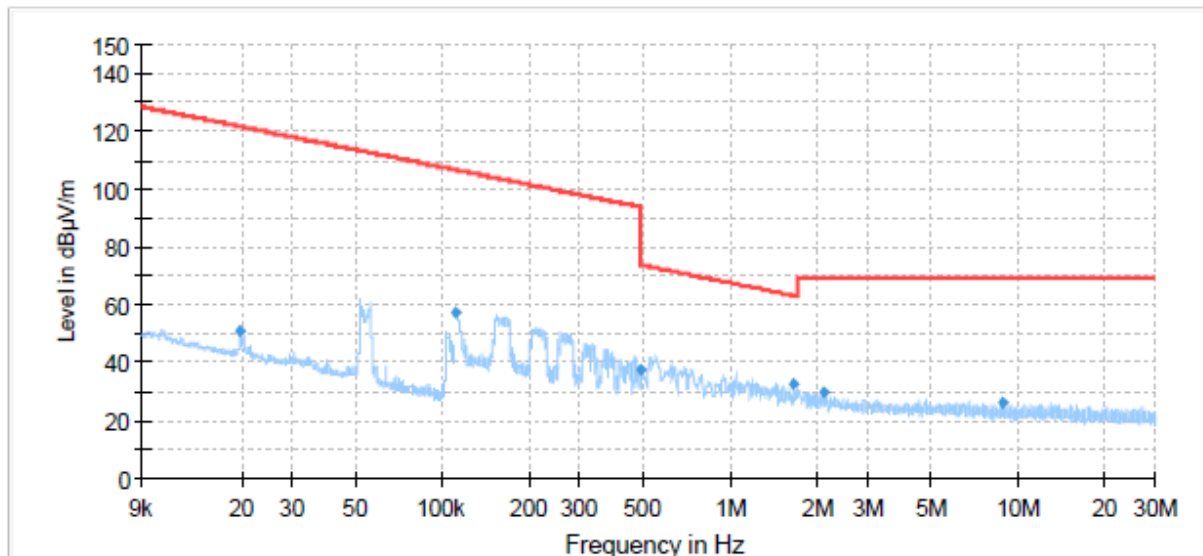


Radiates Emission from 18GHz to 26.5GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
18188.062500	47.13	---	74.00	26.87	500.0	200.0	V	170.0	-6.1
18361.250000	---	35.45	54.00	18.55	500.0	100.0	H	261.0	-6.0
20183.437500	47.31	---	74.00	26.69	500.0	200.0	H	20.0	-5.8
20428.875000	---	35.45	54.00	18.55	500.0	100.0	V	53.0	-5.3
21165.187500	---	36.38	54.00	17.62	500.0	100.0	V	134.0	-4.3
21196.000000	47.62	---	74.00	26.38	500.0	100.0	V	147.0	-4.4
22505.000000	---	36.82	54.00	17.18	500.0	100.0	H	283.0	-3.6
22735.562500	48.91	---	74.00	25.09	500.0	200.0	H	0.0	-3.5
23454.875000	---	36.78	54.00	17.22	500.0	200.0	H	74.0	-3.4
23505.875000	48.73	---	74.00	25.27	500.0	100.0	V	80.0	-3.3
24955.125000	48.73	---	74.00	25.27	500.0	100.0	V	35.0	-2.3
25017.812500	---	37.11	54.00	16.89	500.0	200.0	H	25.0	-2.4

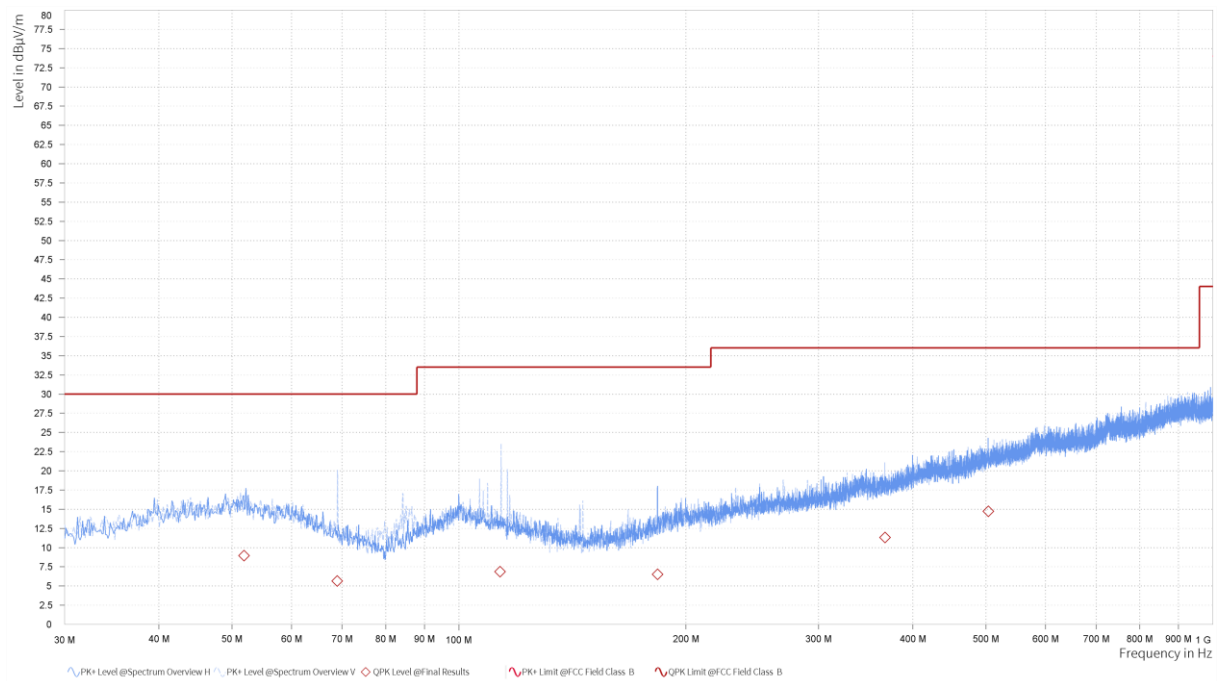
Bluetooth LE

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

Spectrum Overview H/V

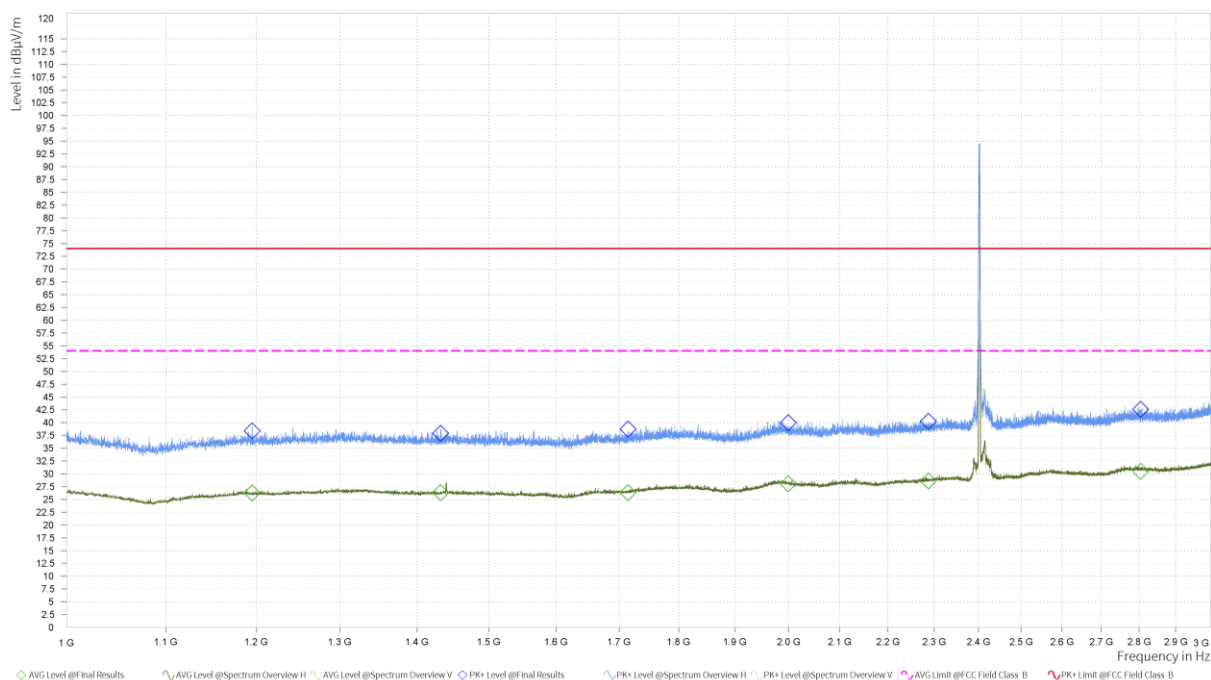


Radiates Emission from 30MHz to 1GHz

Frequency [MHz]	QPK Level [dBμV/m]	QPK Limit [dBμV/m]	QPK Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]	Meas. BW [kHz]	Meas. Time [s]
51.894	8.92	30.00	21.08	-8.55	H	65.6	1.25	120.000	1.000
68.967	5.64	30.00	24.36	-12.19	V	257.5	2.08	120.000	1.000
113.375	6.85	33.50	26.65	-10.85	V	66.1	1.77	120.000	1.000
183.476	6.52	33.50	26.98	-11.32	H	234.6	1.92	120.000	1.000
367.563	11.30	36.00	24.70	-5.84	V	341	1.02	120.000	1.000
503.955	14.71	36.00	21.29	-2.79	H	97.3	1.95	120.000	1.000

Bluetooth LE-Channel 0

Spectrum Overview H/V

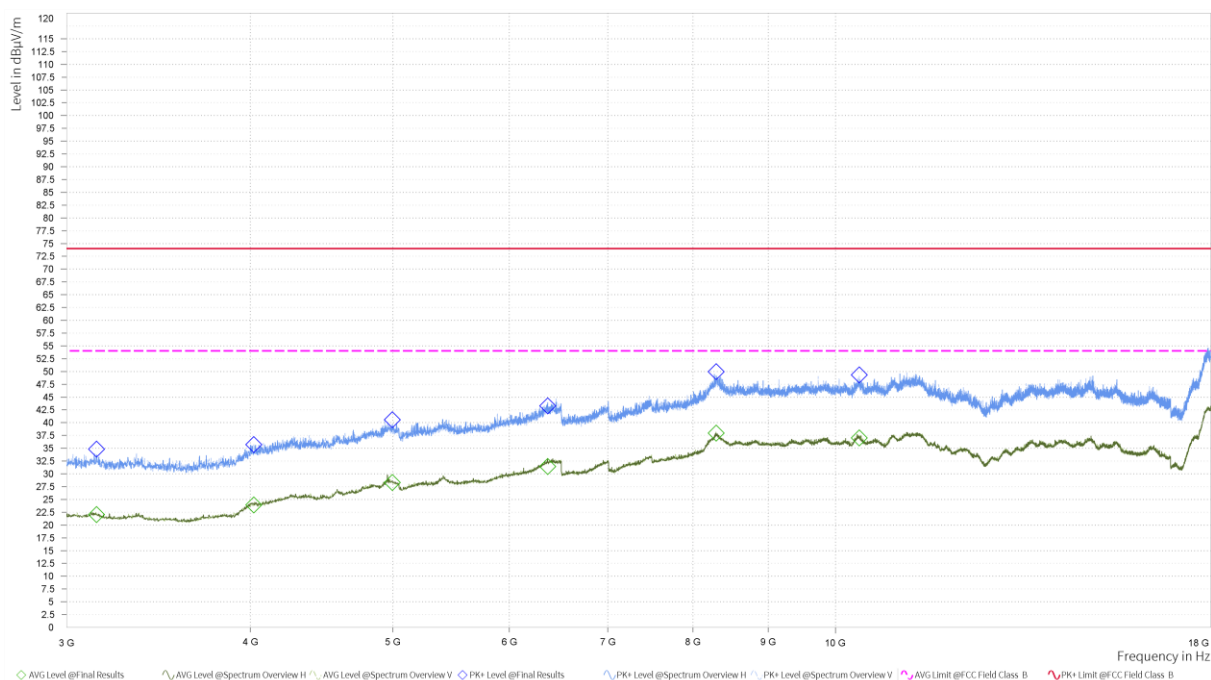


Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]	Meas. Time [s]
1,195.000	38.34	74.00	35.66	26.23	54.00	27.77	-4.77	H	26.4	2.00	1.000
1,432.000	37.85	74.00	36.15	26.32	54.00	27.68	-4.31	H	52.3	1.00	1.000
1,714.250	38.72	74.00	35.28	26.30	54.00	27.70	-3.73	H	38.5	1.00	1.000
1,999.500	39.96	74.00	34.04	28.01	54.00	25.99	-1.74	H	79.4	1.00	1.000
2,287.250	40.23	74.00	33.77	28.58	54.00	25.42	-0.72	H	65.7	1.00	1.000
2,804.500	42.58	74.00	31.42	30.45	54.00	23.55	1.47	H	230.3	1.00	1.000

Spectrum Overview H/V

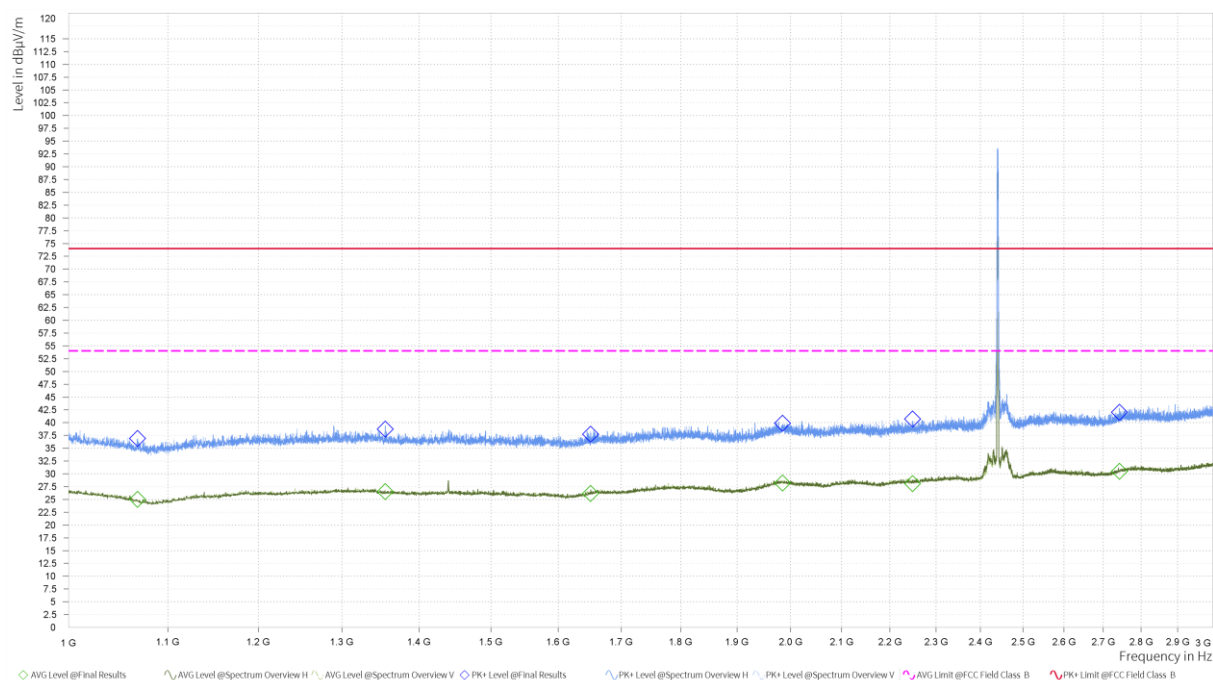


Radiates Emission from 3GHz to 18GHz

Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]	Meas. Time [s]
3,144.375	34.81	74.00	39.19	22.04	54.00	31.96	-7.72	H	222.5	1.00	1.000
4,021.875	35.67	74.00	38.33	23.90	54.00	30.10	-5.43	V	306.9	2.00	1.000
4,996.875	40.54	74.00	33.46	28.28	54.00	25.72	-0.98	H	69.8	1.00	1.000
6,371.250	43.24	74.00	30.76	31.41	54.00	22.59	1.52	H	92.5	1.00	1.000
8,296.875	49.95	74.00	24.05	37.92	54.00	16.08	6.72	H	0	1.00	1.000
10,380.000	49.31	74.00	24.69	37.02	54.00	16.98	6.19	V	356.9	2.00	1.000

Bluetooth LE-Channel 19

Spectrum Overview H/V

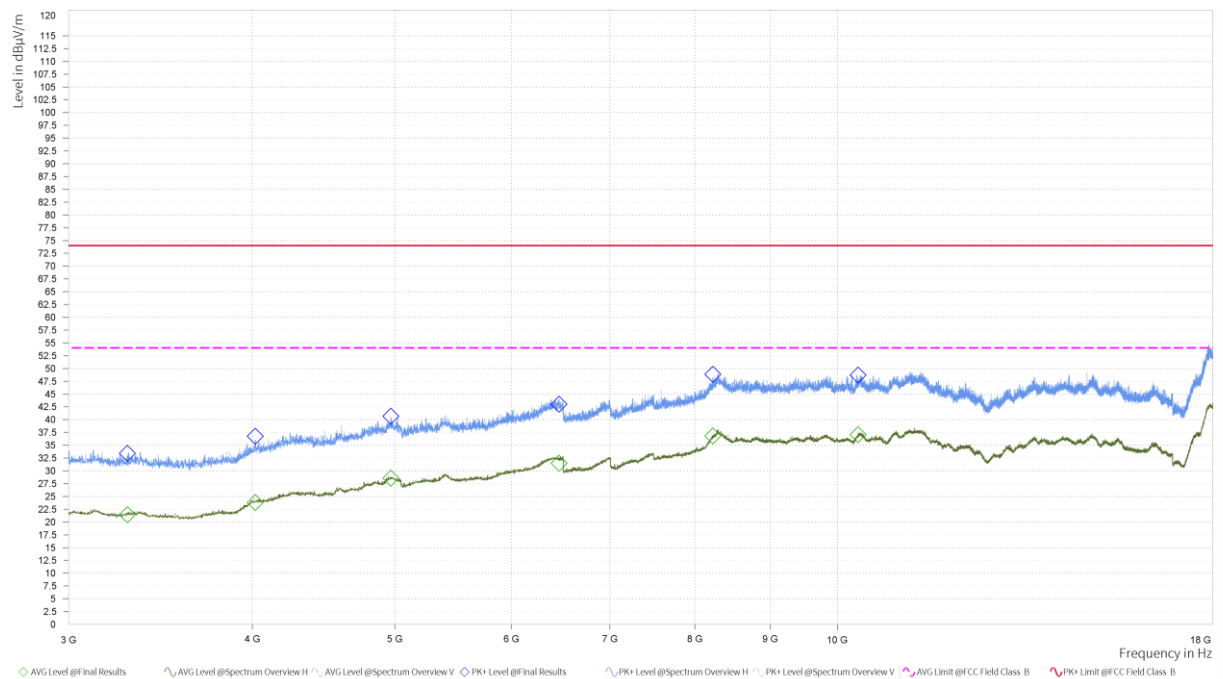


Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]	Meas. Time [s]
1,068.250	36.89	74.00	37.11	24.99	54.00	29.01	-5.67	H	208.8	1.00	1.000
1,355.250	38.73	74.00	35.27	26.49	54.00	27.51	-4.43	H	264.1	1.00	1.000
1,650.500	37.71	74.00	36.29	26.14	54.00	27.86	-4.08	V	250	2.00	1.000
1,984.750	39.85	74.00	34.15	28.19	54.00	25.81	-1.80	V	334.8	1.00	1.000
2,248.250	40.69	74.00	33.31	28.07	54.00	25.93	-0.96	H	44	1.00	1.000
2,742.750	42.02	74.00	31.98	30.46	54.00	23.54	1.05	H	215.6	1.00	1.000

Spectrum Overview H/V

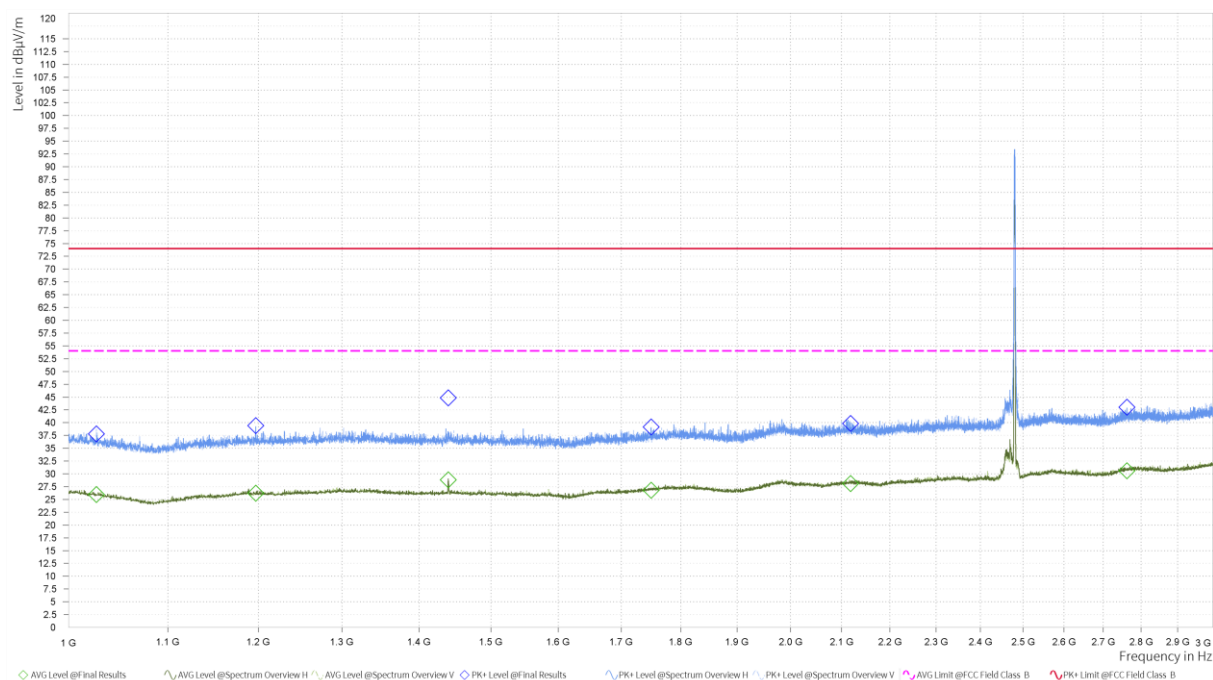


Radiates Emission from 3GHz to 18GHz

Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]	Meas. Time [s]
3,288.750	33.39	74.00	40.61	21.40	54.00	32.60	-7.55	H	214.1	1.00	1.000
4,018.125	36.71	74.00	37.29	23.79	54.00	30.21	-5.43	H	2.1	1.00	1.000
4,968.750	40.62	74.00	33.38	28.54	54.00	25.46	-0.85	H	359.8	2.00	1.000
6,465.000	43.01	74.00	30.99	31.45	54.00	22.55	1.29	H	0	1.00	1.000
8,225.625	48.85	74.00	25.15	36.76	54.00	17.24	5.78	H	75.2	1.00	1.000
10,327.500	48.67	74.00	25.33	37.06	54.00	16.94	6.05	V	48.5	2.00	1.000

Bluetooth LE-Channel 39

Spectrum Overview H/V

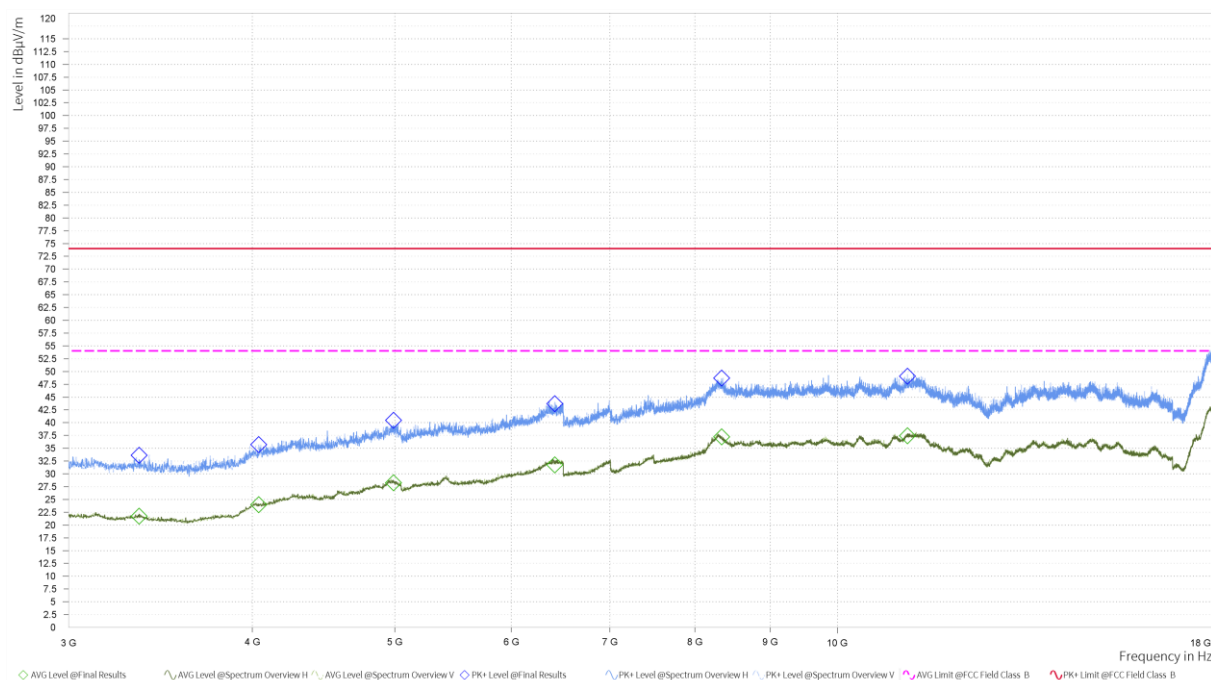


Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]	Meas. Time [s]
1,027.000	37.76	74.00	36.24	25.95	54.00	28.05	-5.88	V	307.5	1.00	1.000
1,196.750	39.40	74.00	34.60	26.20	54.00	27.80	-4.75	H	98.9	1.00	1.000
1,439.750	44.81	74.00	29.19	28.82	54.00	25.18	-4.23	H	120	1.00	1.000
1,749.250	39.11	74.00	34.89	26.78	54.00	27.22	-3.58	H	106	1.00	1.000
2,118.750	39.81	74.00	34.19	28.06	54.00	25.94	-1.65	V	146.1	1.00	1.000
2,762.250	42.97	74.00	31.03	30.57	54.00	23.43	1.24	H	360	1.00	1.000

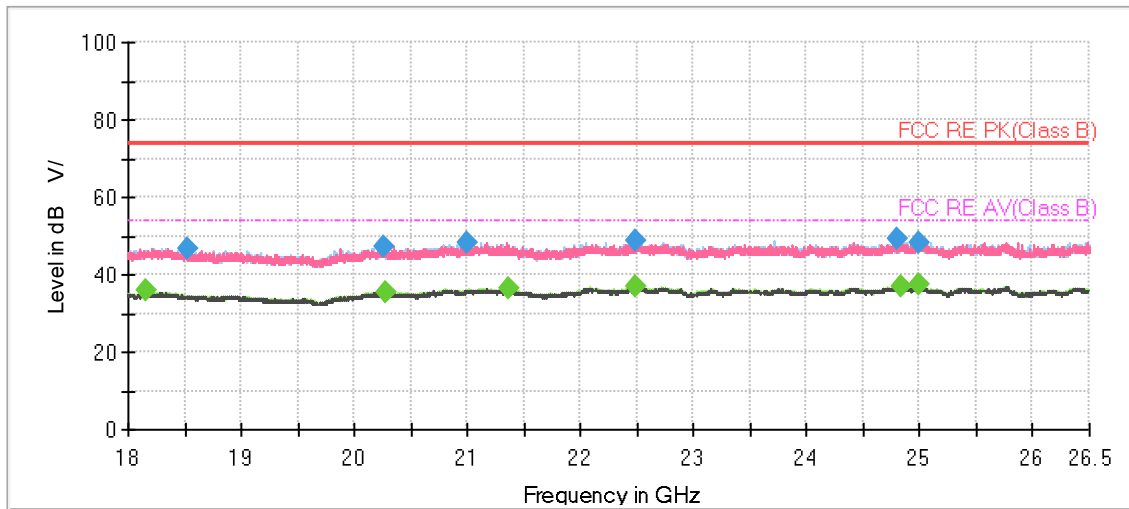
Spectrum Overview H/V



Radiates Emission from 3GHz to 18GHz

Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]	Meas. Time [s]
3,350.625	33.59	74.00	40.41	21.69	54.00	32.31	-7.43	H	141	1.00	1.000
4,040.625	35.68	74.00	38.32	23.93	54.00	30.07	-5.49	V	156.8	2.00	1.000
4,989.375	40.43	74.00	33.57	28.25	54.00	25.75	-0.95	H	95.4	1.00	1.000
6,421.875	43.65	74.00	30.35	31.73	54.00	22.27	1.57	V	79.6	2.00	1.000
8,341.875	48.69	74.00	25.31	37.20	54.00	16.80	6.08	H	176.8	1.00	1.000
11,156.250	49.04	74.00	24.96	37.38	54.00	16.62	7.20	V	133.8	2.00	1.000

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.



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)
18150.875000	---	35.66	54.00	18.34	500.0	200.0	H	352.0	-6.1
18523.812500	46.89	---	74.00	27.11	500.0	200.0	V	199.0	-6.8
20266.312500	47.29	---	74.00	26.71	500.0	100.0	H	340.0	-5.8
20273.750000	---	35.43	54.00	18.57	500.0	200.0	H	0.0	-5.8
20996.250000	48.42	---	74.00	25.58	500.0	200.0	H	8.0	-4.5
21363.875000	---	36.61	54.00	17.39	500.0	200.0	V	199.0	-4.6
22485.875000	---	36.86	54.00	17.14	500.0	100.0	H	133.0	-3.6
22486.937500	48.62	---	74.00	25.38	500.0	200.0	V	350.0	-3.6
24795.750000	49.06	---	74.00	24.94	500.0	200.0	H	122.0	-2.4
24839.312500	---	36.92	54.00	17.08	500.0	200.0	H	67.0	-2.4
24988.062500	48.19	---	74.00	25.81	500.0	200.0	H	8.0	-2.3
24998.687500	---	37.23	54.00	16.77	500.0	200.0	H	22.0	-2.3

5.7. Conducted Emission

Ambient Condition

Temperature	Relative humidity
15°C ~ 35°C	20% ~ 80%

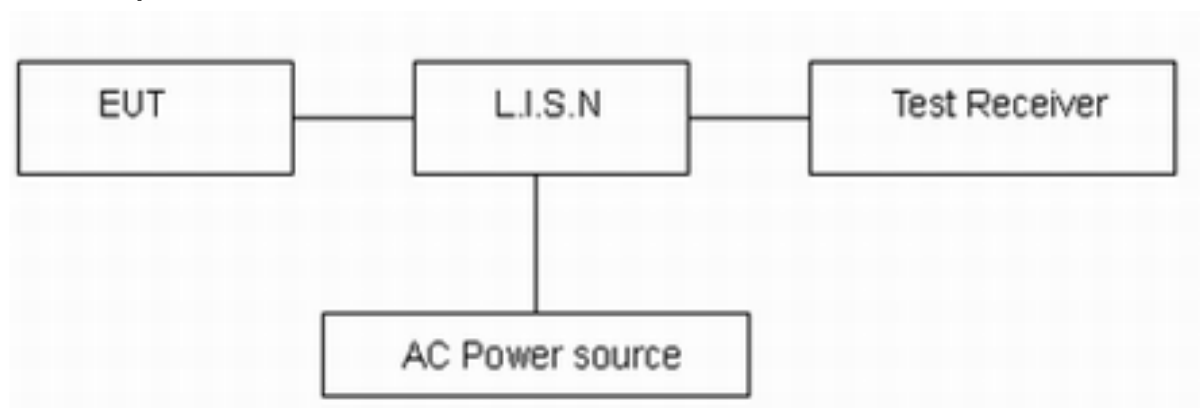
Methods of Measurement

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 110V/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

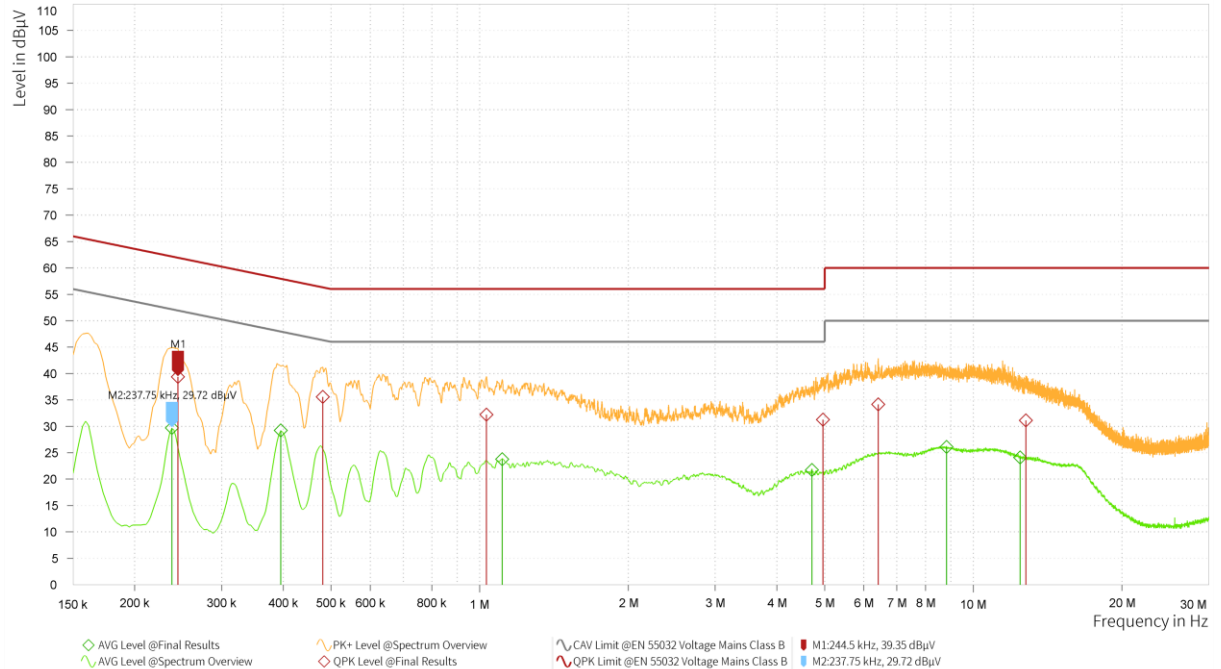
The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor $k = 1.96$, $U = 2.69$ dB.

Test Results:

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

Wi-Fi 2.4GHz

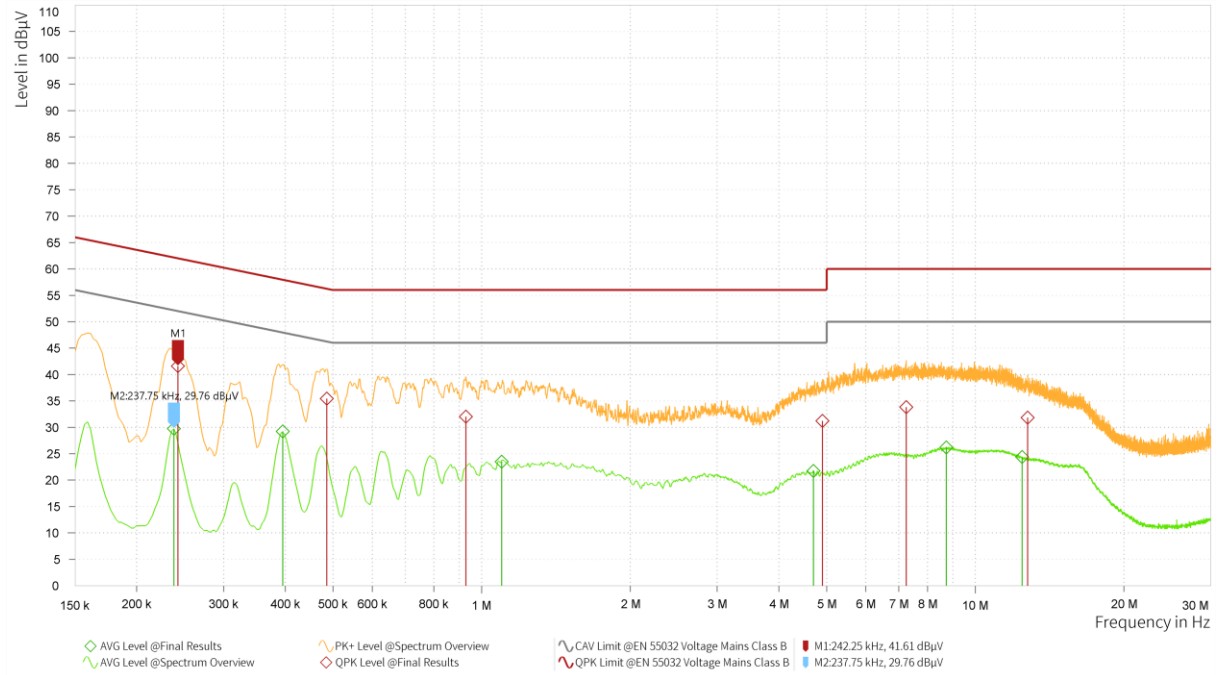
During the test, the Conducted Emission was performed in all modes with all channel. The test data of the worst-case condition was recorded in this report.



Frequency [MHz]	QPK Level [dBμV]	QPK Limit [dBμV]	QPK Margin [dB]	AVG Level [dBμV]	AVG: CAV Limit [dBμV]	AVG Margin [dB]	Correction [dB]	Line	Meas. BW [kHz]	Meas. Time [s]
0.238	--	--	--	29.72	52.17	22.46	20.99	L1	9.000	1.000
0.245	39.35	61.94	22.59	--	--	--	20.98	L1	9.000	1.000
0.395	--	--	--	29.21	47.95	18.74	20.88	L1	9.000	1.000
0.481	35.59	56.33	20.74	--	--	--	20.80	L1	9.000	1.000
1.032	32.22	56.00	23.78	--	--	--	20.14	L1	9.000	1.000
1.111	--	--	--	23.78	46.00	22.22	20.08	L1	9.000	1.000
4.709	--	--	--	21.74	46.00	24.26	19.41	L1	9.000	1.000
4.958	31.25	56.00	24.75	--	--	--	19.40	L1	9.000	1.000
6.416	34.17	60.00	25.83	--	--	--	19.40	L1	9.000	1.000
8.824	--	--	--	26.07	50.00	23.93	19.41	L1	9.000	1.000
12.444	--	--	--	24.12	50.00	25.88	19.44	L1	9.000	1.000
12.775	31.10	60.00	28.90	--	--	--	19.44	L1	9.000	1.000

Remark: Correct factor=cable loss + LISN factor

L line Conducted Emission from 150 kHz to 30 MHz



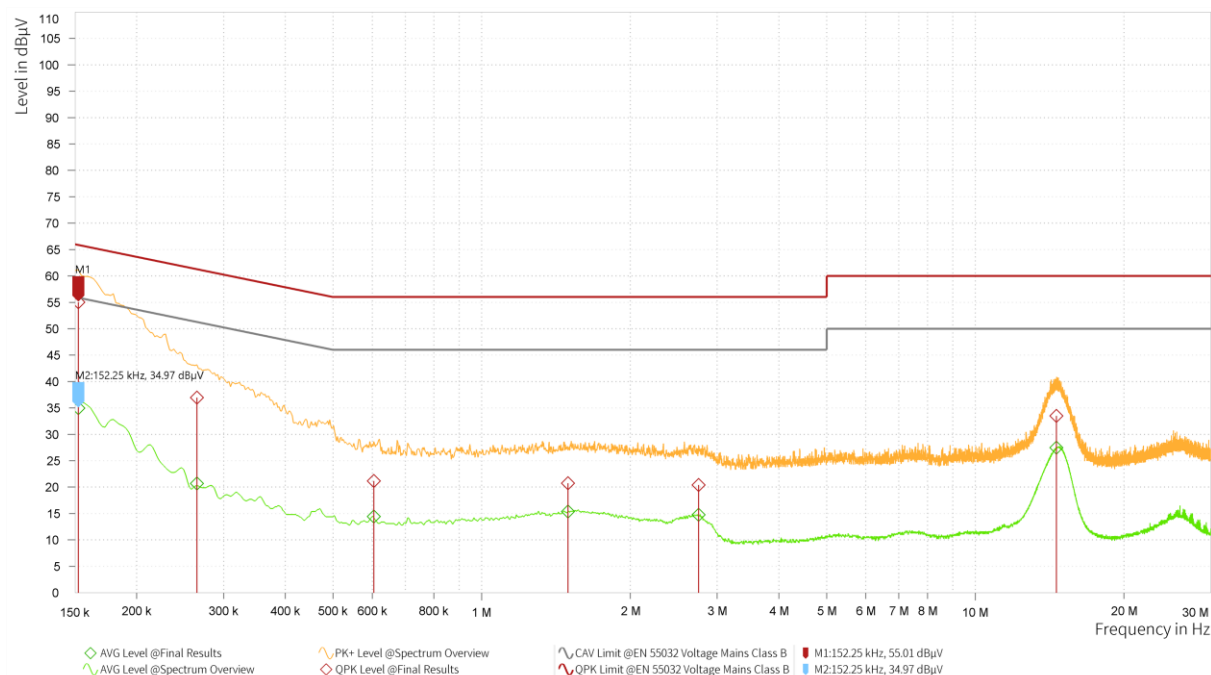
Frequency [MHz]	QPK Level [dBμV]	QPK Limit [dBμV]	QPK Margin [dB]	AVG Level [dBμV]	AVG: CAV Limit [dBμV]	AVG Margin [dB]	Correction [dB]	Line	Meas. BW [kHz]	Meas. Time [s]
0.238	--	--	--	29.76	52.17	22.42	21.00	N	9.000	1.000
0.242	41.61	62.02	20.41	--	--	--	20.99	N	9.000	1.000
0.395	--	--	--	29.21	47.95	18.74	20.89	N	9.000	1.000
0.485	35.46	56.25	20.79	--	--	--	20.80	N	9.000	1.000
0.929	32.01	56.00	23.99	--	--	--	20.23	N	9.000	1.000
1.097	--	--	--	23.49	46.00	22.51	20.10	N	9.000	1.000
4.697	--	--	--	21.70	46.00	24.30	19.42	N	9.000	1.000
4.900	31.22	56.00	24.78	--	--	--	19.41	N	9.000	1.000
7.244	33.83	60.00	26.17	--	--	--	19.41	N	9.000	1.000
8.732	--	--	--	26.19	50.00	23.81	19.42	N	9.000	1.000
12.449	--	--	--	24.39	50.00	25.61	19.46	N	9.000	1.000
12.766	31.82	60.00	28.18	--	--	--	19.47	N	9.000	1.000

Remark: Correct factor=cable loss + LISN factor

N line Conducted Emission from 150 kHz to 30 MHz

Bluetooth LE

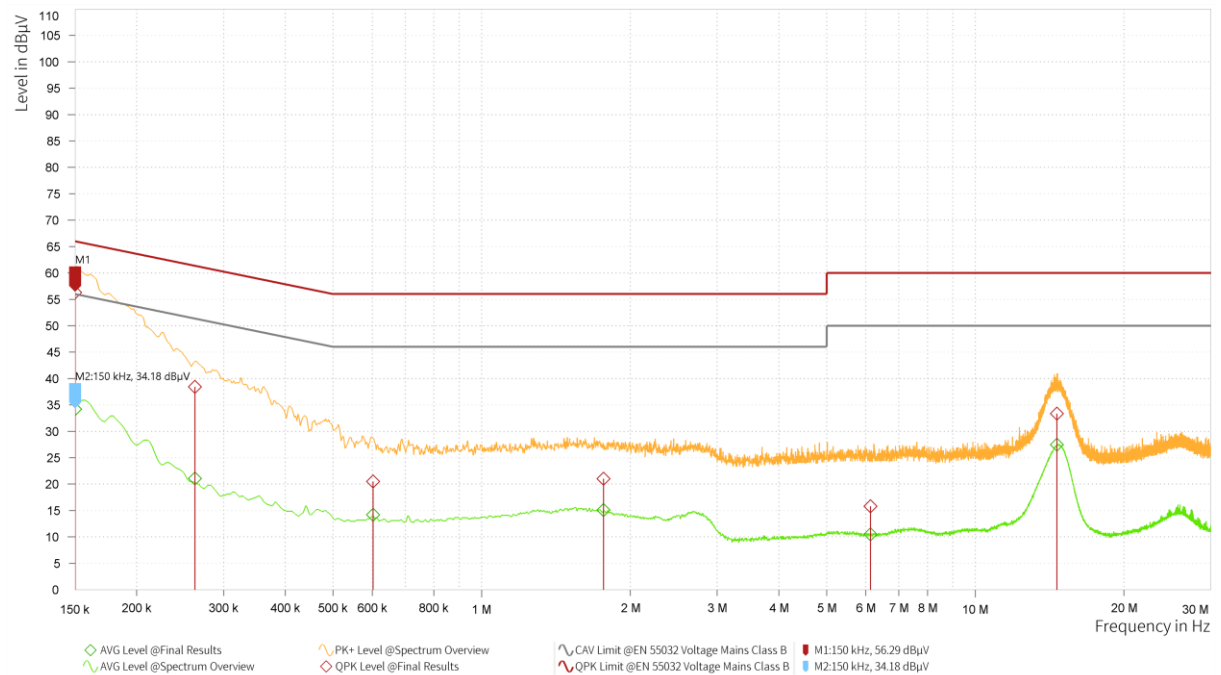
During the test, the Conducted Emission was performed in all modes with all channels. The test data of the worst-case condition was recorded in this report.



Frequency [MHz]	QPK Level [dBμV]	QPK Limit [dBμV]	QPK Margin [dB]	AVG Level [dBμV]	AVG: CAV Limit [dBμV]	AVG Margin [dB]	Correction [dB]	Line	Meas. BW [kHz]	Meas. Time [s]
0.152	55.01	65.88	10.86	34.97	55.88	20.91	20.90	L1	9.000	1.000
0.265	36.97	61.28	24.31	20.67	51.28	30.61	20.97	L1	9.000	1.000
0.605	21.13	56.00	34.87	14.42	46.00	31.58	20.67	L1	9.000	1.000
1.496	20.71	56.00	35.29	15.37	46.00	30.63	19.84	L1	9.000	1.000
2.751	20.40	56.00	35.60	14.74	46.00	31.26	19.51	L1	9.000	1.000
14.597	33.48	60.00	26.52	27.48	50.00	22.52	19.49	L1	9.000	1.000

Remark: Correct factor=cable loss + LISN factor

L line Conducted Emission from 150 kHz to 30 MHz



Frequency [MHz]	QPK Level [dBμV]	QPK Limit [dBμV]	QPK Margin [dB]	AVG Level [dBμV]	AVG: CAV Limit [dBμV]	AVG Margin [dB]	Correction [dB]	Line	Meas. BW [kHz]	Meas. Time [s]
0.150	56.29	66.00	9.71	34.19	56.00	21.82	20.91	N	9.000	1.000
0.263	38.41	61.35	22.94	21.06	51.35	30.29	20.98	N	9.000	1.000
0.602	20.47	56.00	35.53	14.17	46.00	31.83	20.68	N	9.000	1.000
1.766	21.02	56.00	34.98	15.09	46.00	30.91	19.74	N	9.000	1.000
6.135	15.78	60.00	44.22	10.47	50.00	39.53	19.41	N	9.000	1.000
14.636	33.32	60.00	26.68	27.48	50.00	22.52	19.52	N	9.000	1.000

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	2025-05-06	2026-05-05
Spectrum Analyzer	KEYSIGHT	N9020A	MY51330870	2025-05-06	2026-05-05
Attenuator	HASCO	HA18A-10	0003	-	-
Wideband radio communication tester	R&S	CMW500	113645	2024-12-02	2025-12-01
EMI Test Receiver	R&S	ESCI3	100948	2025-05-07	2026-05-06
Signal Analyzer	R&S	FSV40	101186	2025-05-06	2026-05-05
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
Horn Antenna	ETS-Lindgren	3160-09	00102643	2024-09-24	2027-09-23
Software	R&S	EMC32	9.26.01	/	/
Artificial main network	R&S	ENV216	101171	2024-12-02	2026-12-01
EMI Test Receiver	R&S	ESR	101667	2025-05-06	2026-05-05
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 *****