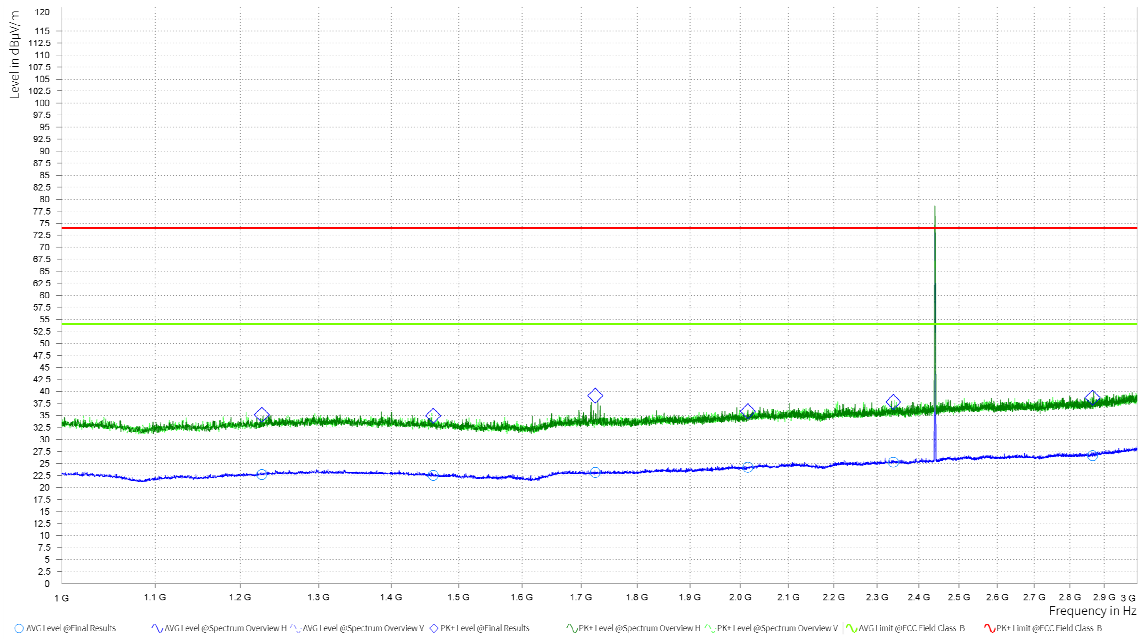


Bluetooth LE-Channel 19

Spectrum Overview H/V

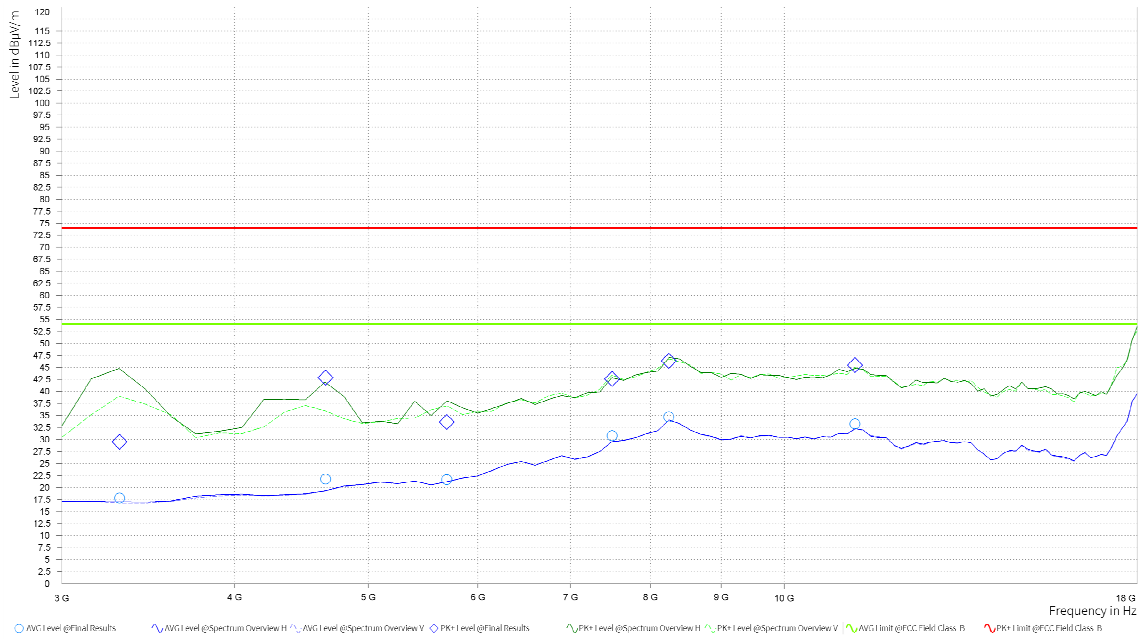


Note: The signal beyond the limit is carrier.

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]
1,226.607	35.11	74.00	38.89	22.68	54.00	31.32	-12.01	H	206	1.00	1.000
1,461.283	34.88	74.00	39.12	22.54	54.00	31.46	-11.86	V	344.1	1.00	1.000
1,724.528	39.10	74.00	34.90	23.10	54.00	30.90	-11.46	H	16.6	1.00	1.000
2,015.204	35.85	74.00	38.15	24.22	54.00	29.78	-9.22	H	353.4	1.00	1.000
2,338.640	37.75	74.00	36.25	25.24	54.00	28.76	-7.10	H	307	1.00	1.000
2,866.346	38.68	74.00	35.32	26.61	54.00	27.39	-4.51	H	71.2	1.00	1.000

Spectrum Overview H/V

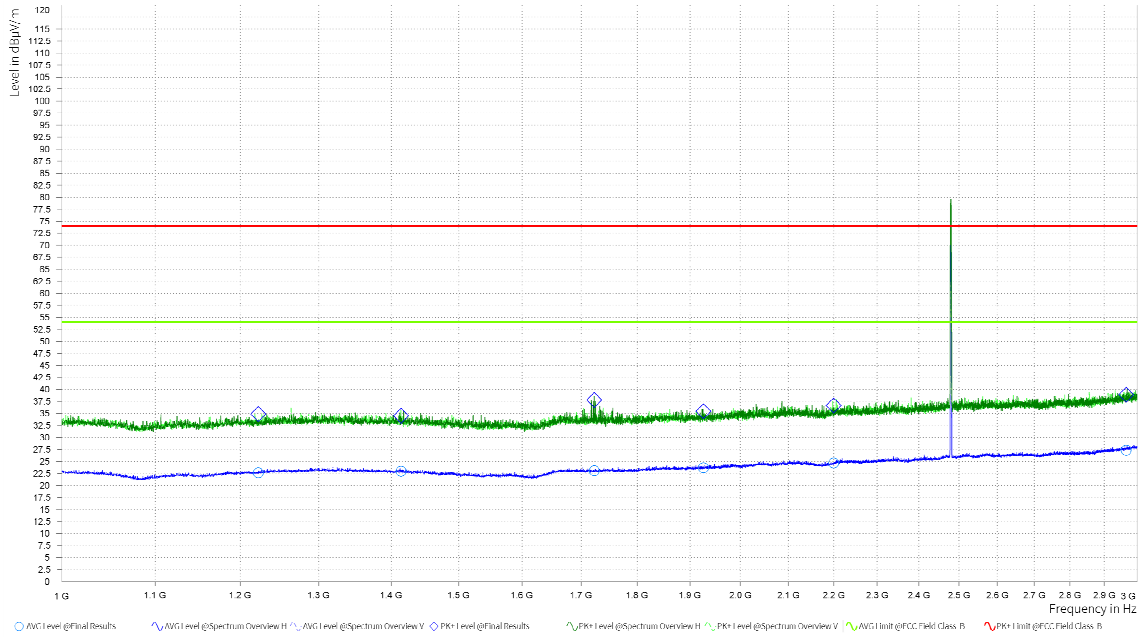


Radiates Emission from 3GHz to 18GHz

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]
3,302.930	29.47	74.00	44.53	17.80	54.00	36.20	-13.49	H	359.5	2.00	1.000
4,654.884	42.84	74.00	31.16	21.77	54.00	32.23	-10.75	H	353.3	2.00	1.000
5,697.713	33.60	74.00	40.40	21.68	54.00	32.32	-8.33	H	143.3	1.00	1.000
7,502.819	42.59	74.00	31.41	30.76	54.00	23.24	-2.76	V	231.8	2.00	1.000
8,246.849	46.34	74.00	27.66	34.69	54.00	19.31	1.92	H	116.1	1.00	1.000
11,247.689	45.43	74.00	28.57	33.24	54.00	20.76	0.49	V	83	2.00	1.000

Bluetooth LE-Channel 39

Spectrum Overview H/V

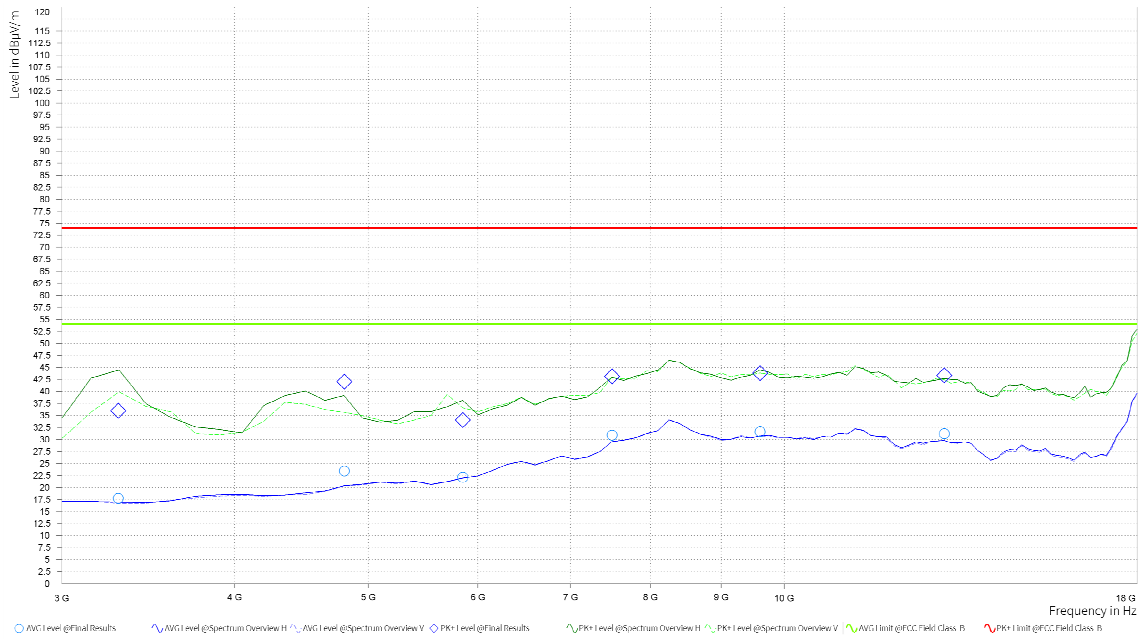


Note: The signal beyond the limit is carrier.

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]
1,222.271	34.84	74.00	39.16	22.64	54.00	31.36	-12.05	V	91.1	2.00	1.000
1,414.111	34.49	74.00	39.51	22.97	54.00	31.03	-11.79	H	192.8	1.00	1.000
1,722.907	37.77	74.00	36.23	23.05	54.00	30.95	-11.46	H	17.2	1.00	1.000
1,925.755	35.42	74.00	38.58	23.70	54.00	30.30	-10.03	H	0	1.00	1.000
2,199.852	36.60	74.00	37.40	24.67	54.00	29.33	-8.02	V	125	2.00	1.000
2,966.684	38.88	74.00	35.12	27.32	54.00	26.68	-3.92	H	296	2.00	1.000

Spectrum Overview H/V



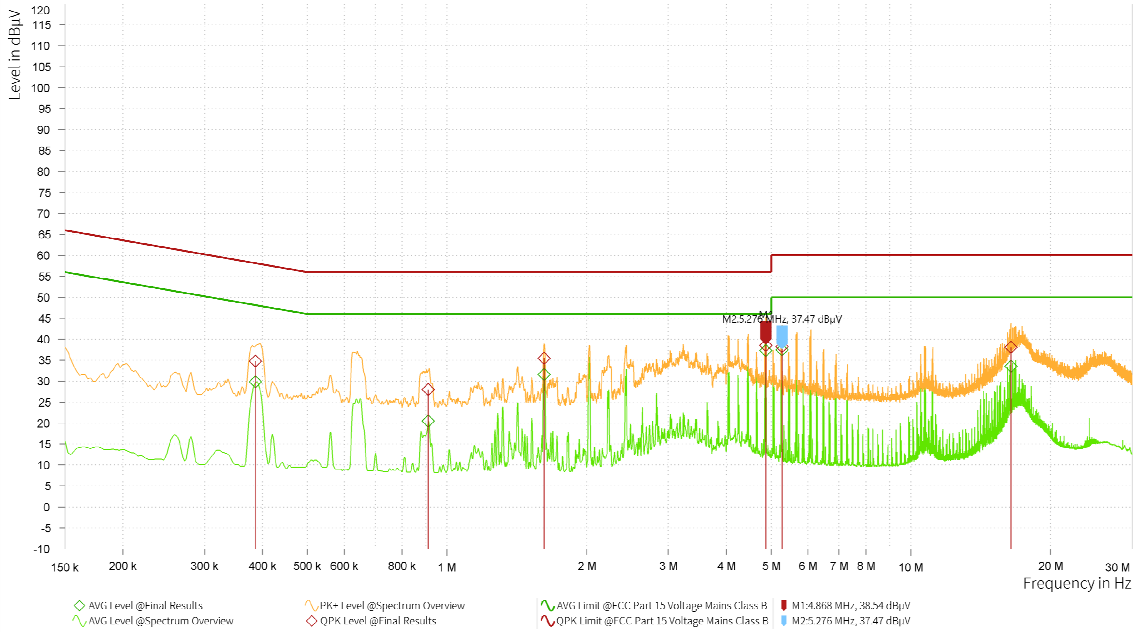
Radiates Emission from 3GHz to 18GHz

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]
3,295.585	35.94	74.00	38.06	17.74	54.00	36.26	-13.48	H	313.1	1.00	1.000
4,803.868	41.99	74.00	32.01	23.42	54.00	30.58	-9.83	H	352.9	2.00	1.000
5,850.773	34.01	74.00	39.99	22.12	54.00	31.88	-7.98	H	339.3	2.00	1.000
7,502.498	43.08	74.00	30.92	30.88	54.00	23.12	-2.76	H	184.2	1.00	1.000
9,601.584	43.80	74.00	30.20	31.59	54.00	22.41	-2.20	H	345.9	2.00	1.000
13,049.096	43.29	74.00	30.71	31.18	54.00	22.82	1.68	H	245.4	1.00	1.000

2. Conducted Emission

2.1. 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 (**802.11b CH1**) was recorded in this report.



Frequency [MHz]	QPK Level [dBμV]	QPK Limit [dBμV]	QPK Margin [dB]	AVG Level [dBμV]	AVG Limit [dBμV]	AVG Margin [dB]	Correction [dB]	Line	Meas. BW [kHz]	Meas. Time [s]
0.386	34.81	58.14	23.34	29.87	48.14	18.28	20.89	L1	9.000	1.000
0.911	27.99	56.00	28.01	20.52	46.00	25.48	20.23	L1	9.000	1.000
1.619	35.45	56.00	20.55	31.57	46.00	14.43	19.78	L1	9.000	1.000
4.868	38.54	56.00	17.46	37.34	46.00	8.66	19.40	L1	9.000	1.000
5.276	38.29	60.00	21.71	37.47	50.00	12.53	19.40	L1	9.000	1.000
16.440	38.10	60.00	21.90	33.58	50.00	16.42	19.55	L1	9.000	1.000

Remark: Correct factor=cable loss + LISN factor

L line Conducted Emission from 150 kHz to 30 MHz