

ANNEX A: Test Result

The radiated emission was measured in the following position: EUT stand-up position (vertical), lie-down position (horizontal). The worst emission was found in lie-down position (horizontal) and the loop antenna is coaxial, the others are vertical and horizontal. and the worst case was recorded.

1. Unwanted Emission

1.1. Wi-Fi 2.4GHz

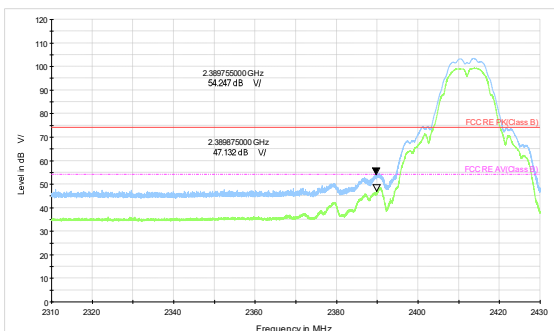
The following graphs display the maximum values of horizontal and vertical by software.

Blue trace uses the peak detection, Green trace uses the average detection.

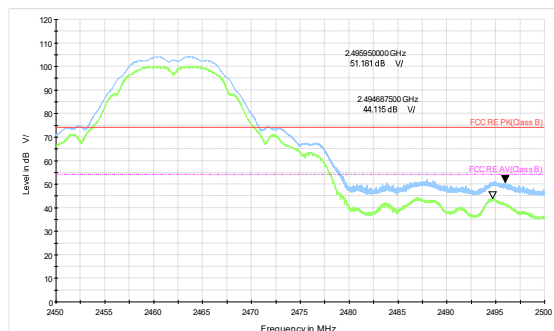
A symbol ($\text{dB } \mu\text{V/m}$) in the test plot below means ($\text{dB}\mu\text{V/m}$)

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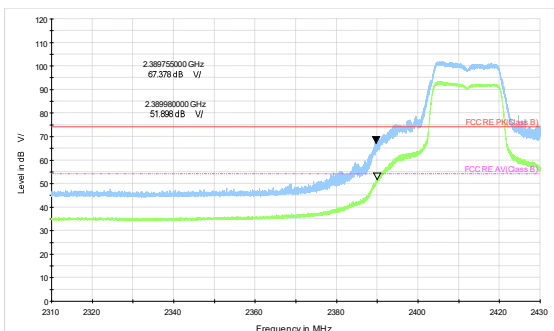
The signal beyond the limit is carrier.



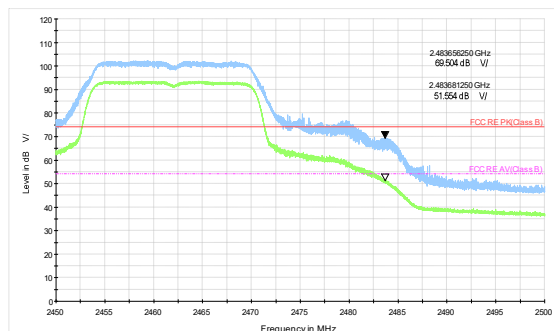
802.11b-Channel 1 Peak+ Average



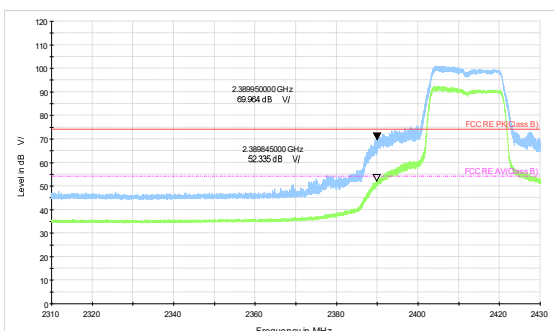
802.11b-Channel 11 Peak+ Average



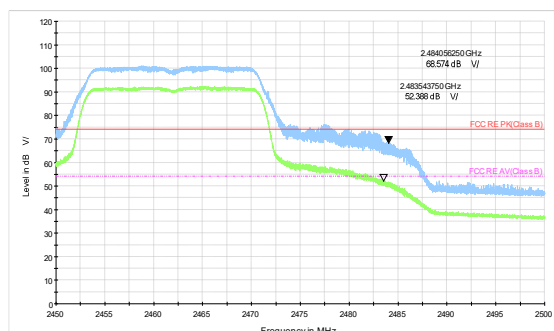
802.11g-Channel 1 Peak+ Average



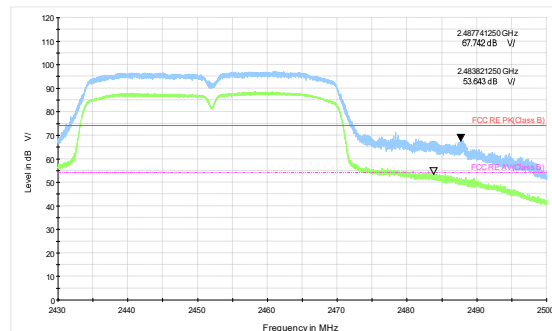
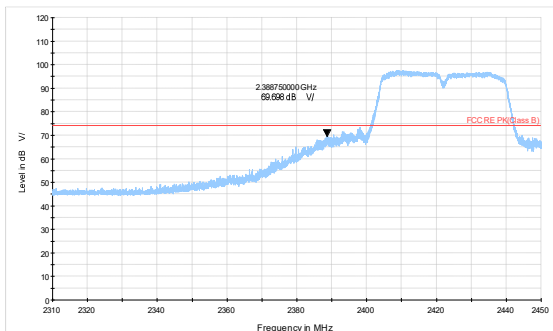
802.11g-Channel 11 Peak+ Average



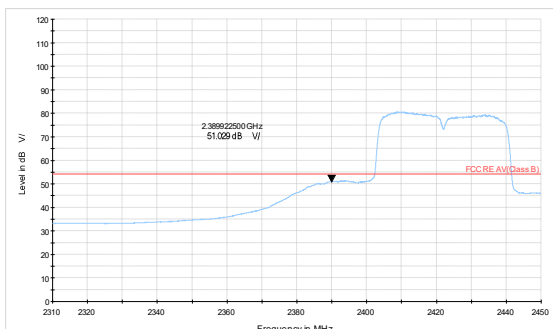
802.11n HT20-Channel 1 Peak+ Average



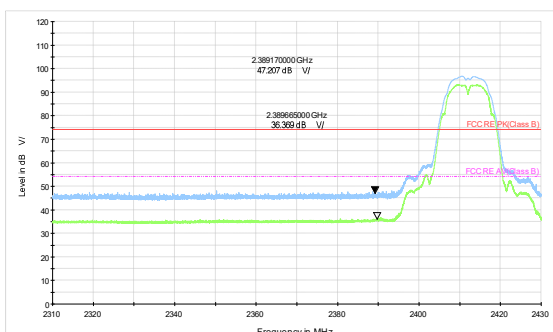
802.11n HT20-Channel 11 Peak+ Average



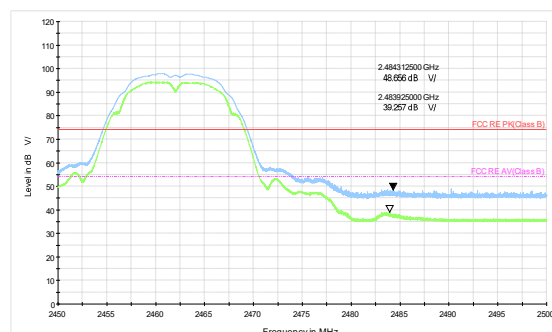
802.11n HT40-Channel 9 Peak+ Average



802.11n HT40-Channel 3 Peak+ Average

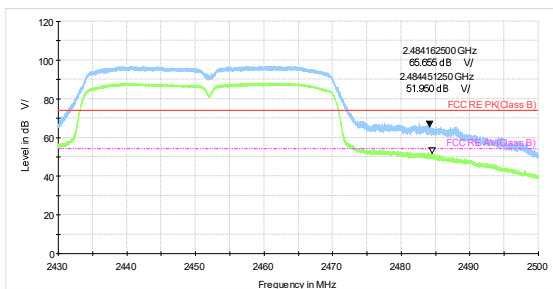


802.11ax HE20-Channel 1 Peak+ Average



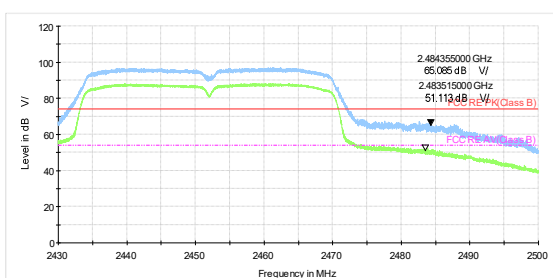
802.11ax HE20-Channel 11 Peak+ Average

WR341



802.11n HT40-Channel 9 Peak+ Average

WR342



802.11n HT40-Channel 9 Peak+ Average

Result of RE

Sweep the whole frequency band through the range from 9kHz to the 10th harmonic of the carrier. The Radiates Emission from 9kHz to 30MHz and 18GHz to 26.5GHz are more than 20dB below the limit are not reported.

Remark:

1. **Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)**
2. **Margin = Limit – Quasi-Peak/ MAX Peak/ Average**
3. **A symbol ($\text{dB } \mu\text{V/m}$) in the test plot below means ($\text{dB}\mu\text{V/m}$)**
4. **The following graphs display the maximum values of horizontal and vertical by software.**
5. **For below 1GHz**

 QP Level @Spectrum Overview H
  QP Level @Spectrum Overview V
  QP Level @Final Results
  QP Limit

For above 1GHz

 PK Level @Spectrum Overview H
  PK Level @Spectrum Overview V
  PK Level @Final Results
  PK Limit

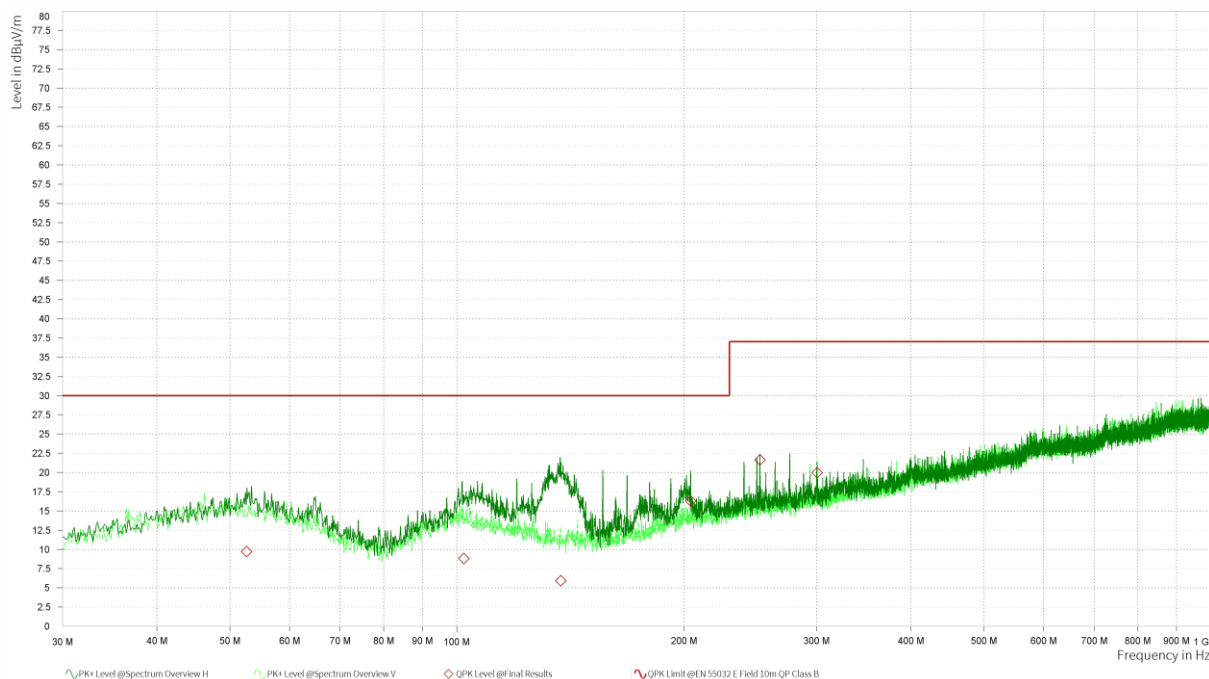
 AVG Level @Spectrum Overview H
  AVG Level @Spectrum Overview V
  AVG Level @Final Results
  AVG Limit

Continuous TX mode:

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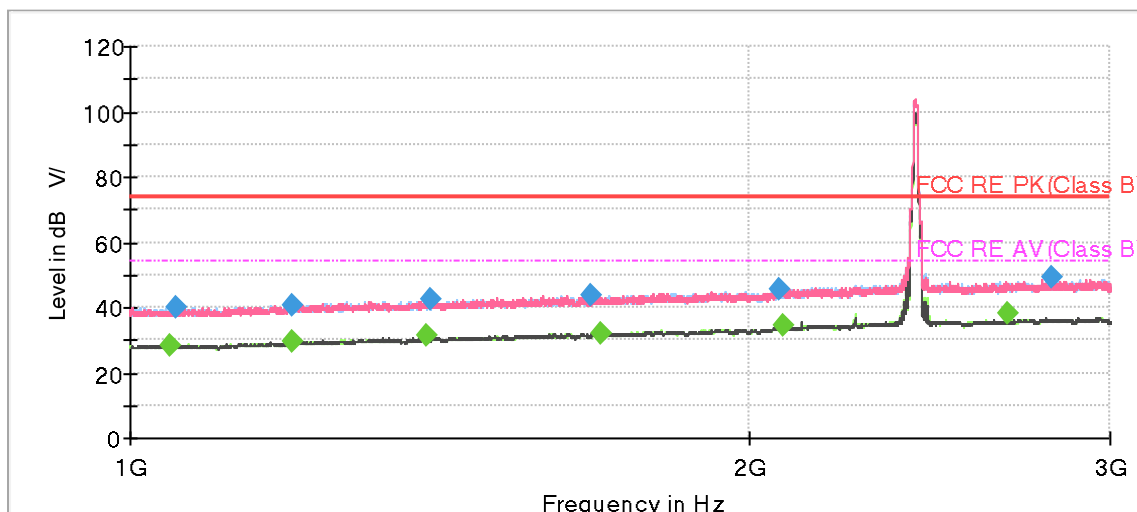
During the test, the Radiates Emission from 30MHz to 1GHz was performed in all modes with all channels, the test data of the worst-case condition was recorded in this report.

Spectrum Overview H/V



Frequency [MHz]	Process State	PK+ Level [dBμV/m]	PK+: QPK Limit [dBμV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
52.614	Final	18.66	30.00	11.34	-8.33	H	182.9	1.21
102.175	Final	17.99	30.00	12.01	-9.85	H	199.8	1.25
137.388	Final	19.09	30.00	10.91	-13.18	H	95.8	1.04
204.236	Final	26.95	30.00	3.05	-9.70	H	244.3	1.00
252.275	Final	26.37	37.00	10.63	-8.44	H	278.9	1.11
300.352	Final	25.58	37.00	11.42	-7.35	H	297.3	1.04

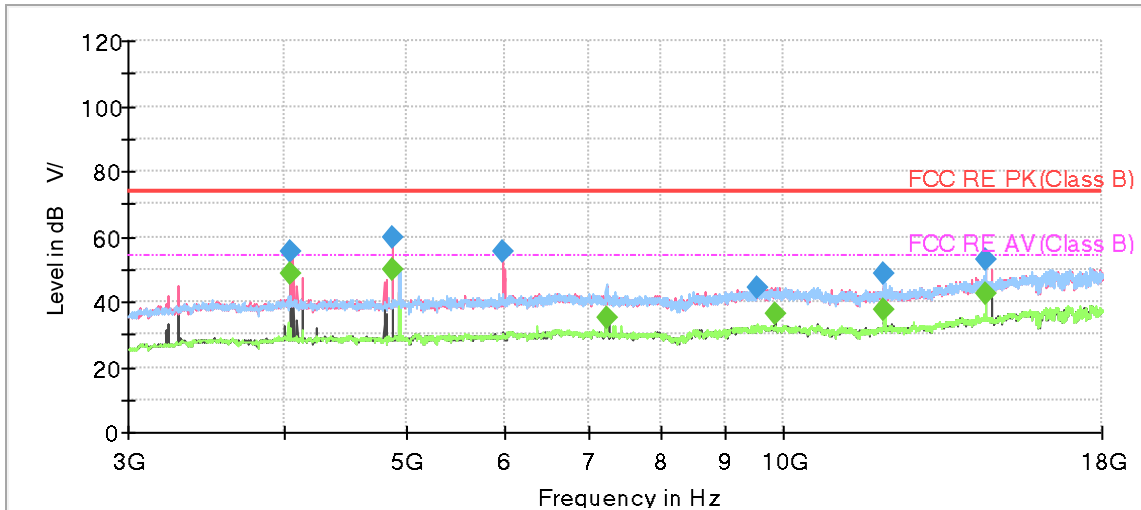
Radiates Emission from 30MHz to 1GHz



Note: The signal beyond the limit is carrier.

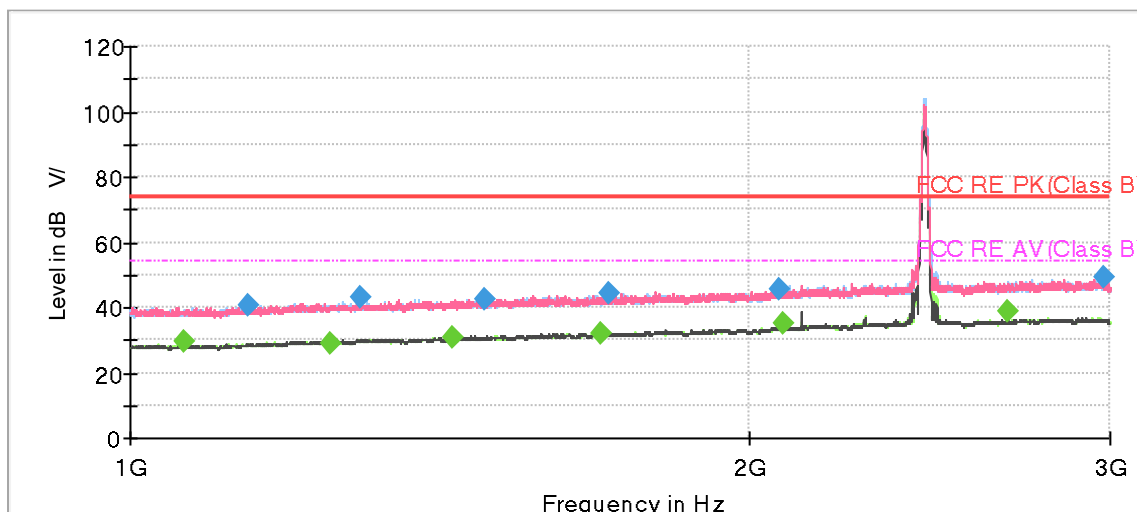
Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1047.000000	---	28.12	54.00	25.88	500.0	100.0	H	339.0	-10.5
1053.250000	40.21	---	74.00	33.79	500.0	200.0	H	73.0	-10.5
1199.000000	---	29.64	54.00	24.36	500.0	100.0	V	0.0	-8.8
1200.250000	40.90	---	74.00	33.10	500.0	100.0	H	0.0	-8.8
1396.000000	---	31.13	54.00	22.87	500.0	100.0	V	40.0	-7.6
1399.750000	42.27	---	74.00	31.74	500.0	100.0	H	307.0	-7.6
1678.250000	43.96	---	74.00	30.04	500.0	100.0	V	201.0	-6.1
1694.000000	---	32.27	54.00	21.73	500.0	100.0	V	179.0	-6.0
2072.750000	45.56	---	74.00	28.44	500.0	200.0	V	308.0	-4.0
2079.250000	---	34.68	54.00	19.32	500.0	100.0	V	271.0	-3.9
2673.000000	---	38.13	54.00	15.87	500.0	100.0	V	184.0	-1.8
2811.500000	48.95	---	74.00	25.05	500.0	100.0	V	28.0	-1.2



Radiates Emission from 3GHz to 18GHz

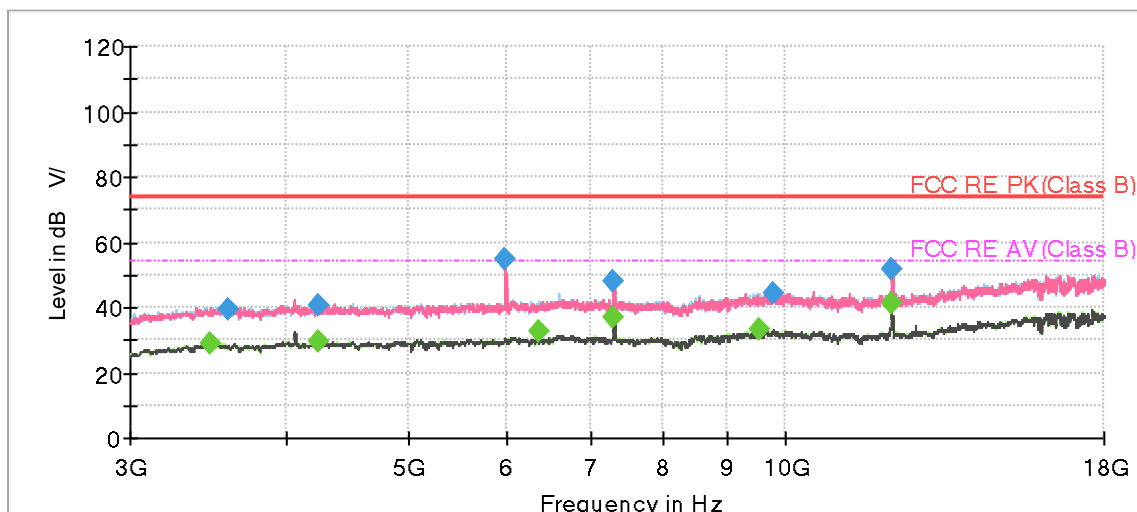
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4038.750000	---	48.34	54.00	5.66	500.0	200.0	V	231.0	-6.7
4038.750000	55.24	---	74.00	18.76	500.0	100.0	V	270.0	-6.7
4880.625000	---	49.97	54.00	4.03	500.0	200.0	V	279.0	-5.7
4880.625000	59.96	---	74.00	14.04	500.0	200.0	V	279.0	-5.7
5973.750000	55.09	---	74.00	18.91	500.0	100.0	V	109.0	-4.7
7239.375000	---	35.28	54.00	18.72	500.0	200.0	V	18.0	-2.9
9560.625000	44.60	---	74.00	29.40	500.0	200.0	V	173.0	-0.4
9868.125000	---	36.40	54.00	17.60	500.0	200.0	V	309.0	-0.5
12056.250000	---	37.61	54.00	16.39	500.0	200.0	H	194.0	-0.1
12061.875000	48.65	---	74.00	25.35	500.0	200.0	H	194.0	-0.1
14544.375000	---	42.39	54.00	11.61	500.0	200.0	V	328.0	4.6
14544.375000	52.67	---	74.00	21.33	500.0	200.0	V	328.0	4.6



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

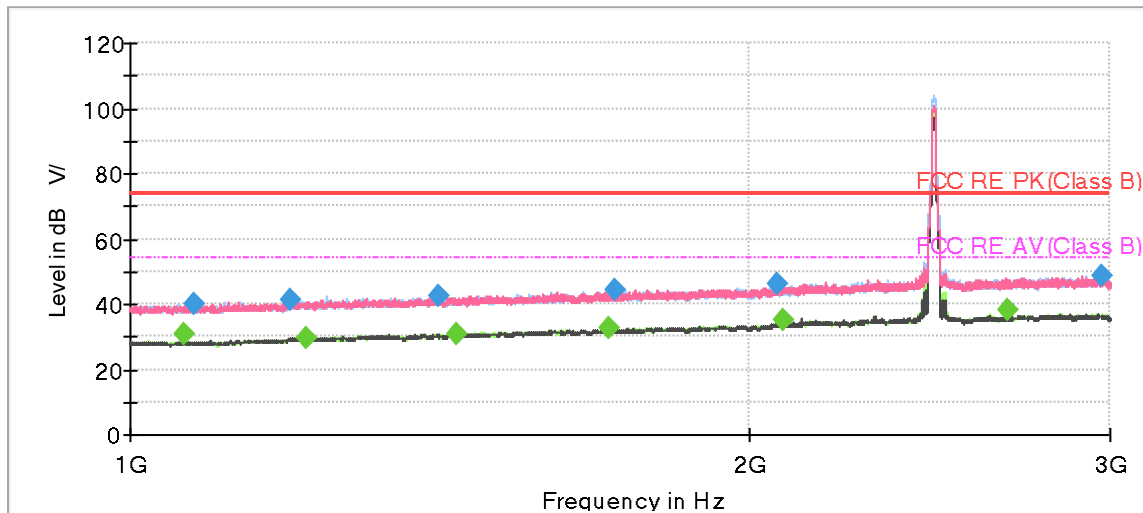
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1062.000000	---	29.69	54.00	24.31	500.0	100.0	V	2.0	-10.4
1143.000000	40.67	---	74.00	33.33	500.0	100.0	V	247.0	-9.8
1251.000000	---	28.96	54.00	25.04	500.0	100.0	H	0.0	-8.6
1296.000000	42.80	---	74.00	31.20	500.0	200.0	V	227.0	-8.2
1437.250000	---	30.92	54.00	23.08	500.0	100.0	V	168.0	-7.3
1488.500000	42.57	---	74.00	31.43	500.0	100.0	V	194.0	-7.1
1694.750000	---	32.27	54.00	21.73	500.0	100.0	V	34.0	-6.0
1710.500000	44.07	---	74.00	29.93	500.0	200.0	V	321.0	-5.9
2071.500000	45.61	---	74.00	28.39	500.0	100.0	H	261.0	-4.0
2079.000000	---	34.93	54.00	19.07	500.0	100.0	V	168.0	-3.9
2673.000000	---	38.46	54.00	15.54	500.0	100.0	V	10.0	-1.8
2981.000000	48.95	---	74.00	25.05	500.0	200.0	V	274.0	-0.7



Radiates Emission from 3GHz to 18GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3478.125000	---	28.65	54.00	25.35	500.0	100.0	V	301.0	-8.3
3596.250000	39.43	---	74.00	34.57	500.0	100.0	H	166.0	-8.2
4246.875000	---	29.26	54.00	24.74	500.0	200.0	H	301.0	-6.6
4246.875000	40.71	---	74.00	33.29	500.0	200.0	V	312.0	-6.6
5986.875000	54.95	---	74.00	19.05	500.0	100.0	V	257.0	-4.6
6371.250000	---	32.34	54.00	21.66	500.0	200.0	H	316.0	-4.3
7303.125000	---	37.21	54.00	16.79	500.0	200.0	H	296.0	-3.0
7303.125000	48.28	---	74.00	25.72	500.0	200.0	H	296.0	-3.0
9534.375000	---	33.02	54.00	20.98	500.0	200.0	V	80.0	-0.2
9795.000000	44.30	---	74.00	29.70	500.0	100.0	V	211.0	-0.5
12183.750000	---	41.24	54.00	12.76	500.0	200.0	H	267.0	0.4
12195.000000	51.93	---	74.00	22.07	500.0	200.0	V	292.0	0.4

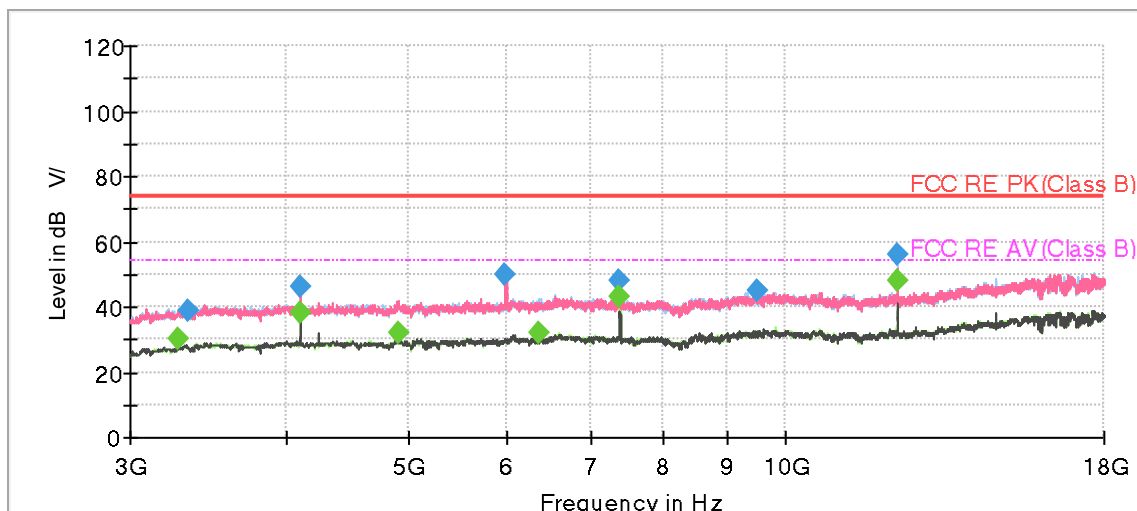
802.11b CH11



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

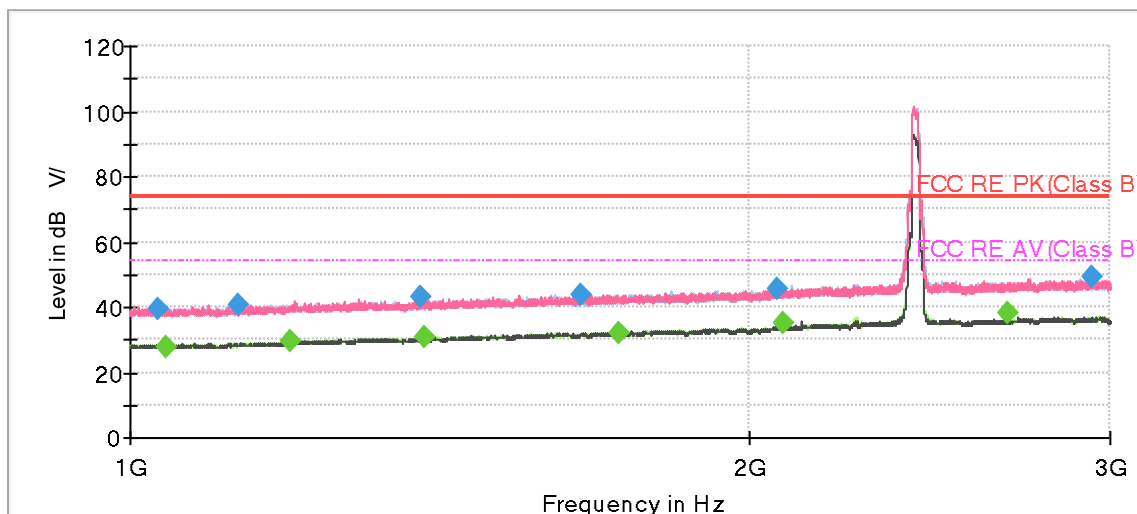
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1061.750000	---	30.51	54.00	23.49	500.0	100.0	V	253.0	-10.4
1075.250000	39.86	---	74.00	34.14	500.0	100.0	V	195.0	-10.3
1196.500000	41.06	---	74.00	32.94	500.0	100.0	H	197.0	-8.9
1218.000000	---	29.36	54.00	24.64	500.0	200.0	H	241.0	-8.7
1412.500000	42.48	---	74.00	31.52	500.0	100.0	H	295.0	-7.5
1441.750000	---	30.89	54.00	23.11	500.0	100.0	V	70.0	-7.3
1711.250000	---	32.34	54.00	21.66	500.0	100.0	V	231.0	-5.9
1721.250000	44.32	---	74.00	29.68	500.0	100.0	V	109.0	-5.9
2067.000000	46.30	---	74.00	27.70	500.0	200.0	H	1.0	-4.1
2079.000000	---	35.09	54.00	18.91	500.0	100.0	V	214.0	-3.9
2673.250000	---	38.21	54.00	15.79	500.0	100.0	V	222.0	-1.8
2974.750000	48.36	---	74.00	25.64	500.0	100.0	H	295.0	-0.7



Radiates Emission from 3GHz to 18GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3281.250000	---	30.43	54.00	23.57	500.0	200.0	H	322.0	-9.3
3339.375000	39.00	---	74.00	35.00	500.0	100.0	V	88.0	-9.1
4100.625000	---	38.04	54.00	15.96	500.0	200.0	V	268.0	-6.6
4100.625000	46.17	---	74.00	27.83	500.0	200.0	V	268.0	-6.6
4923.750000	---	31.88	54.00	22.12	500.0	100.0	H	351.0	-5.3
5985.000000	50.04	---	74.00	23.96	500.0	100.0	V	0.0	-4.6
6371.250000	---	32.22	54.00	21.78	500.0	200.0	H	317.0	-4.3
7383.750000	---	42.92	54.00	11.08	500.0	200.0	H	297.0	-2.8
7385.625000	48.09	---	74.00	25.91	500.0	200.0	H	297.0	-2.8
9523.125000	44.67	---	74.00	29.33	500.0	100.0	V	343.0	-0.1
12311.250000	---	48.10	54.00	5.90	500.0	200.0	H	307.0	0.2
12311.250000	56.07	---	74.00	17.93	500.0	200.0	H	307.0	0.2

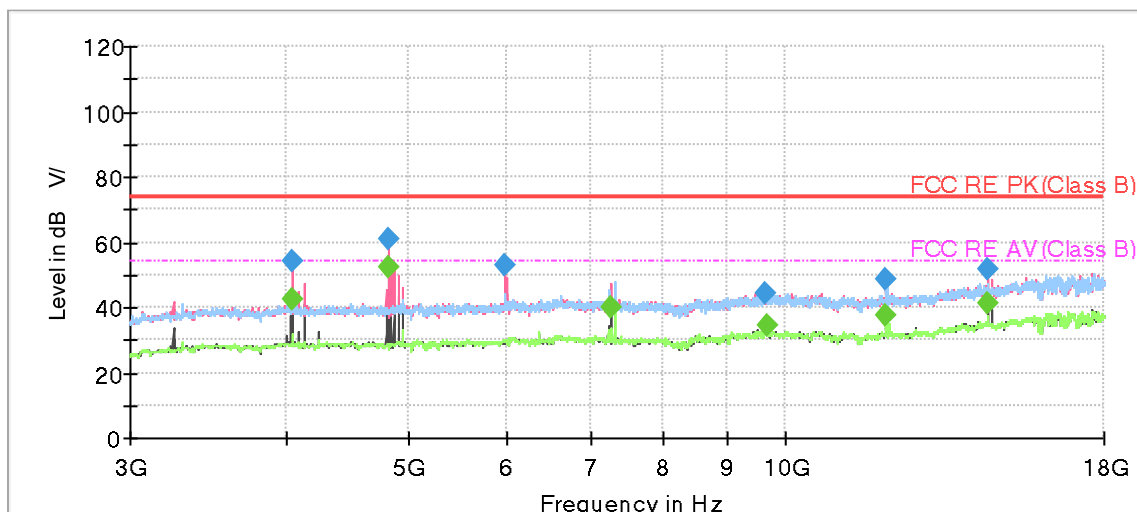
802.11g CH1



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

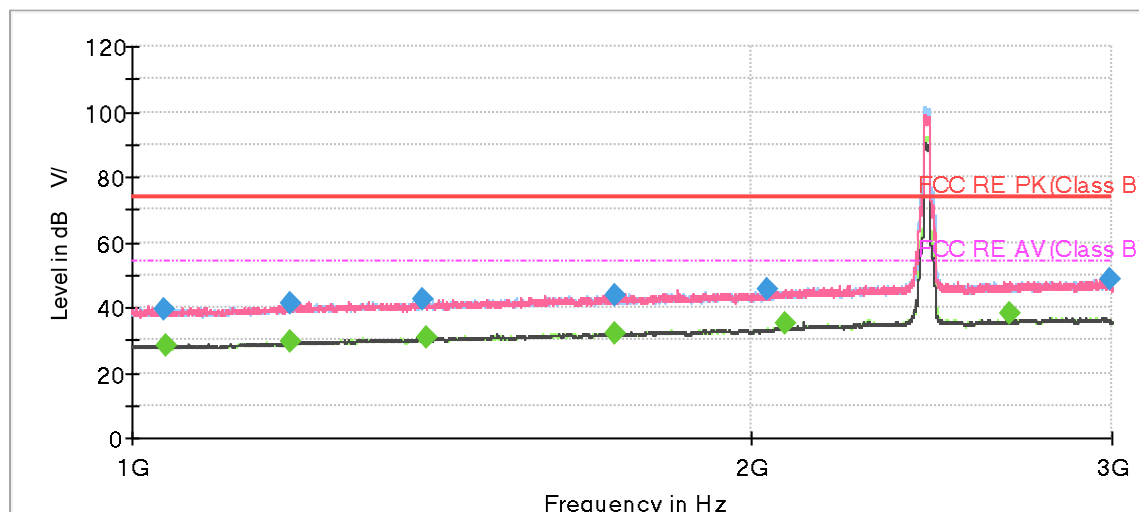
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1031.000000	39.22	---	74.00	34.78	500.0	100.0	H	25.0	-10.6
1041.250000	---	27.63	54.00	26.37	500.0	200.0	H	110.0	-10.5
1130.250000	40.90	---	74.00	33.10	500.0	200.0	V	95.0	-9.9
1197.750000	---	29.59	54.00	24.41	500.0	200.0	H	343.0	-8.8
1384.500000	42.96	---	74.00	31.04	500.0	100.0	H	198.0	-7.7
1390.000000	---	30.93	54.00	23.07	500.0	200.0	V	43.0	-7.6
1656.750000	44.00	---	74.00	30.00	500.0	200.0	V	138.0	-6.1
1731.250000	---	32.26	54.00	21.74	500.0	200.0	H	267.0	-5.8
2066.500000	45.71	---	74.00	28.29	500.0	200.0	V	86.0	-4.1
2079.000000	---	35.02	54.00	18.98	500.0	100.0	V	356.0	-3.9
2673.250000	---	38.11	54.00	15.89	500.0	100.0	V	326.0	-1.8
2943.250000	48.98	---	74.00	25.02	500.0	100.0	H	142.0	-0.9



Radiates Emission from 3GHz to 18GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4038.750000	---	42.22	54.00	11.78	500.0	100.0	V	276.0	-6.7
4038.750000	54.12	---	74.00	19.88	500.0	100.0	V	276.0	-6.7
4822.500000	---	52.15	54.00	1.85	500.0	100.0	V	276.0	-6.1
4822.500000	60.82	---	74.00	13.18	500.0	100.0	V	276.0	-6.1
5977.500000	52.91	---	74.00	21.09	500.0	200.0	V	267.0	-4.6
7271.250000	---	40.13	54.00	13.87	500.0	200.0	V	22.0	-2.9
9654.375000	44.58	---	74.00	29.42	500.0	100.0	H	11.0	-0.5
9695.625000	---	34.29	54.00	19.71	500.0	200.0	V	18.0	-0.7
12054.375000	---	37.32	54.00	16.68	500.0	200.0	H	192.0	-0.1
12060.000000	48.50	---	74.00	25.50	500.0	200.0	H	192.0	-0.1
14544.375000	51.79	---	74.00	22.21	500.0	100.0	V	34.0	4.6
14544.375000	---	41.52	54.00	12.48	500.0	100.0	V	34.0	4.6

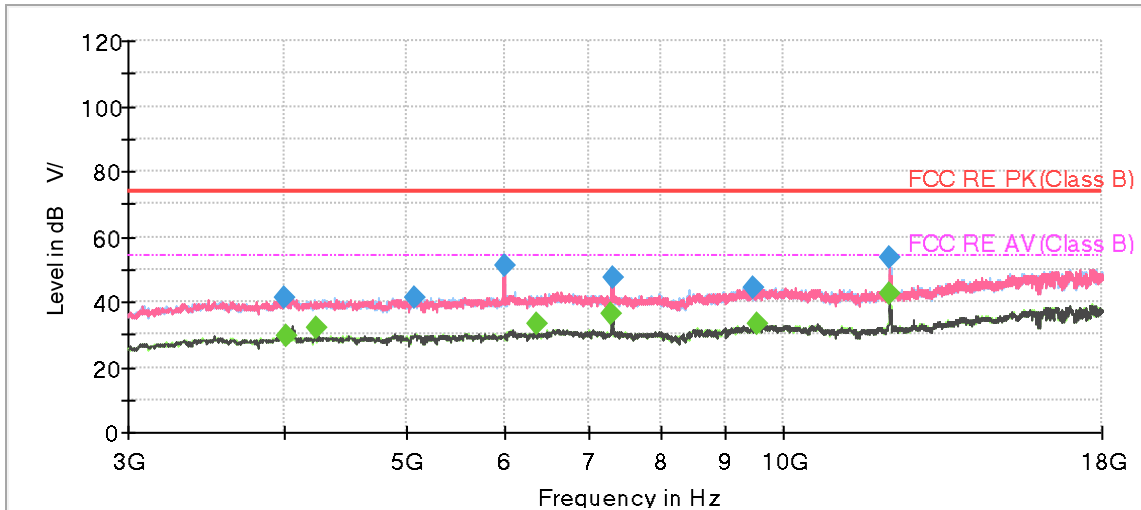
802.11g CH6



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

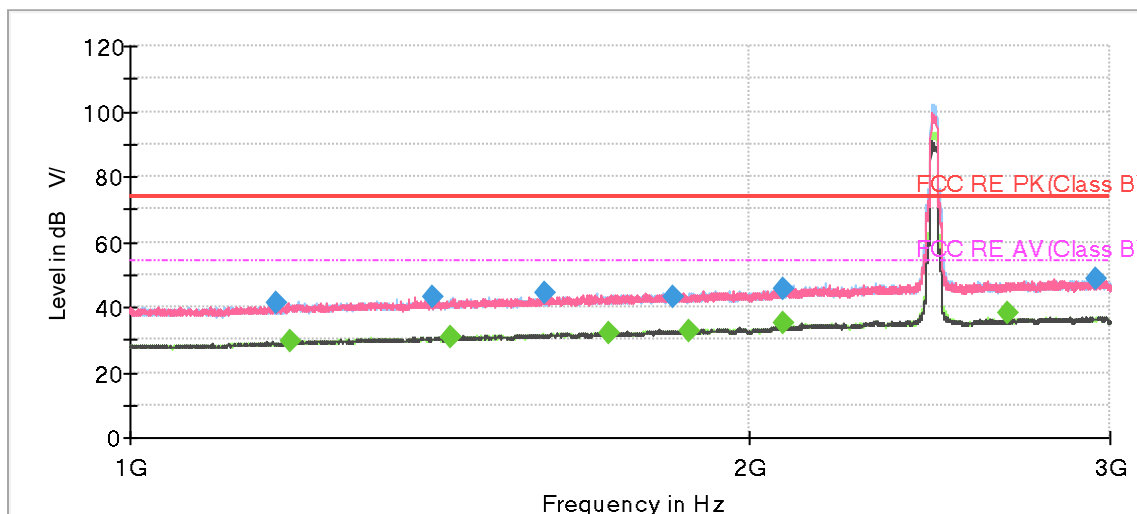
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1036.750000	39.64	---	74.00	34.36	500.0	200.0	H	125.0	-10.5
1038.500000	---	28.34	54.00	25.66	500.0	100.0	V	286.0	-10.5
1193.000000	---	29.48	54.00	24.52	500.0	200.0	V	216.0	-8.9
1193.750000	40.98	---	74.00	33.02	500.0	100.0	V	321.0	-8.9
1384.750000	42.40	---	74.00	31.60	500.0	200.0	V	32.0	-7.7
1390.750000	---	30.94	54.00	23.06	500.0	100.0	V	181.0	-7.6
1718.750000	---	32.22	54.00	21.78	500.0	100.0	H	80.0	-5.9
1719.500000	43.72	---	74.00	30.28	500.0	200.0	H	318.0	-5.9
2039.000000	45.71	---	74.00	28.29	500.0	100.0	V	101.0	-4.3
2078.750000	---	34.77	54.00	19.23	500.0	100.0	V	217.0	-3.9
2673.000000	---	37.99	54.00	16.01	500.0	100.0	V	334.0	-1.8
2993.250000	48.79	---	74.00	25.21	500.0	100.0	V	177.0	-0.6



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)
3999.375000	41.40	---	74.00	32.60	500.0	100.0	V	218.0	-6.8
4016.250000	---	29.28	54.00	24.72	500.0	100.0	V	0.0	-6.8
4246.875000	---	32.03	54.00	21.97	500.0	200.0	V	244.0	-6.6
5086.875000	41.50	---	74.00	32.50	500.0	100.0	H	96.0	-4.9
5992.500000	51.21	---	74.00	22.79	500.0	100.0	V	118.0	-4.5
6371.250000	---	33.18	54.00	20.82	500.0	200.0	H	318.0	-4.3
7306.875000	---	36.09	54.00	17.91	500.0	200.0	H	195.0	-3.0
7308.750000	47.17	---	74.00	26.83	500.0	200.0	H	195.0	-3.0
9463.125000	44.52	---	74.00	29.48	500.0	100.0	V	0.0	-0.2
9534.375000	---	32.96	54.00	21.04	500.0	100.0	H	144.0	-0.2
12174.375000	53.29	---	74.00	20.71	500.0	200.0	H	308.0	0.4
12183.750000	---	42.68	54.00	11.32	500.0	200.0	H	318.0	0.4

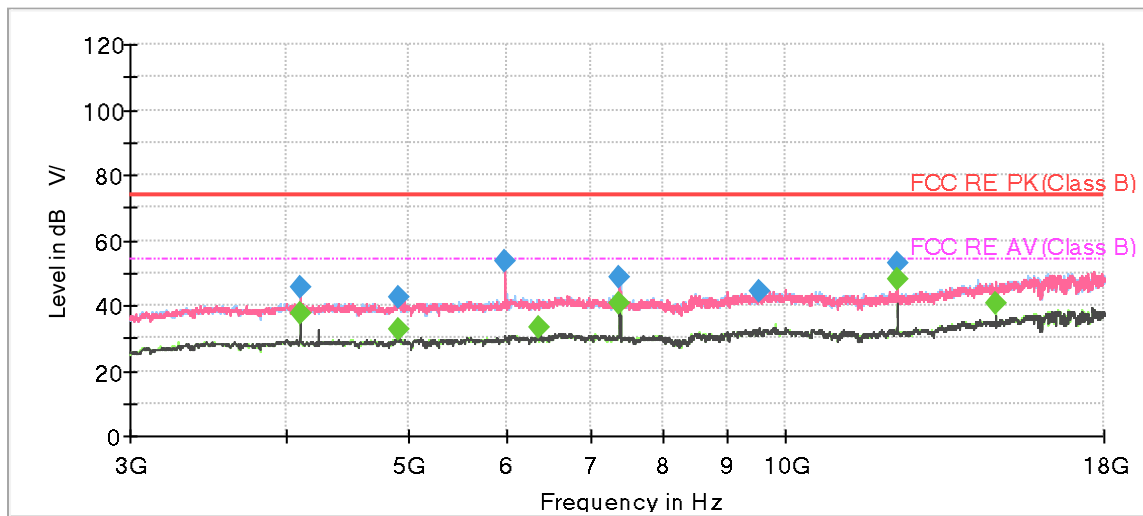
802.11g CH11



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

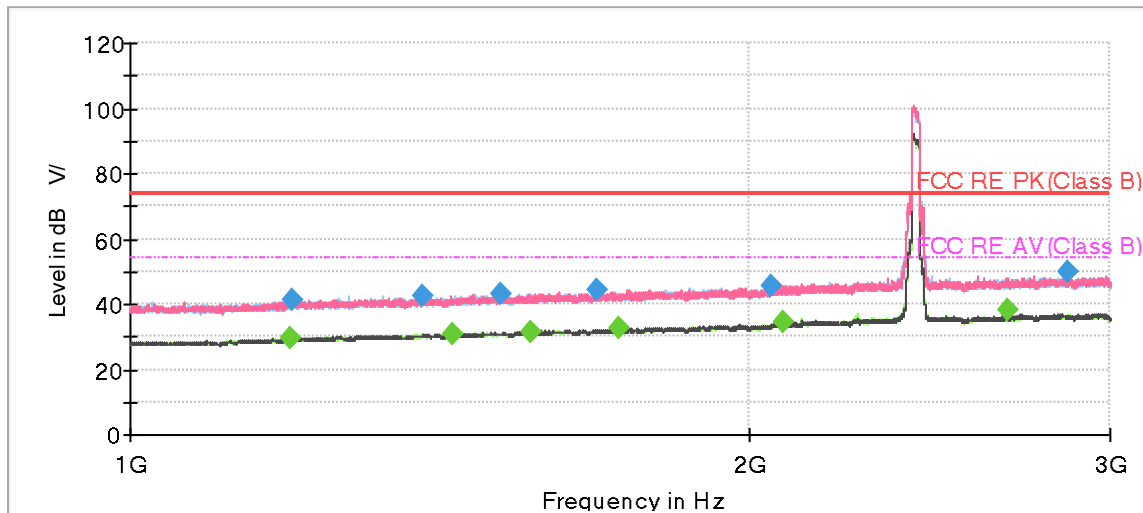
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1179.250000	41.44	---	74.00	32.56	500.0	200.0	V	36.0	-9.2
1197.000000	---	29.66	54.00	24.34	500.0	100.0	V	170.0	-8.9
1403.750000	43.12	---	74.00	30.88	500.0	100.0	H	175.0	-7.6
1433.250000	---	30.90	54.00	23.10	500.0	100.0	H	93.0	-7.4
1590.750000	44.32	---	74.00	29.68	500.0	200.0	H	252.0	-6.4
1712.500000	---	32.27	54.00	21.73	500.0	200.0	H	208.0	-5.9
1837.250000	43.15	---	74.00	30.85	500.0	200.0	H	165.0	-5.2
1869.750000	---	32.32	54.00	21.68	500.0	200.0	V	44.0	-5.1
2078.750000	---	34.86	54.00	19.14	500.0	100.0	V	244.0	-3.9
2079.000000	45.43	---	74.00	28.57	500.0	100.0	V	350.0	-3.9
2673.000000	---	38.15	54.00	15.85	500.0	100.0	V	359.0	-1.8
2956.500000	48.46	---	74.00	25.54	500.0	200.0	H	278.0	-0.8



Radiates Emission from 3GHz to 18GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4100.625000	---	37.82	54.00	16.18	500.0	200.0	V	269.0	-6.6
4104.375000	45.39	---	74.00	28.61	500.0	200.0	V	264.0	-6.6
4923.750000	---	32.53	54.00	21.47	500.0	200.0	H	8.0	-5.3
4923.750000	42.23	---	74.00	31.77	500.0	200.0	H	8.0	-5.3
5975.625000	53.25	---	74.00	20.75	500.0	200.0	V	337.0	-4.6
6371.250000	---	33.36	54.00	20.64	500.0	200.0	H	316.0	-4.3
7381.875000	---	40.46	54.00	13.54	500.0	200.0	H	296.0	-2.8
7383.750000	48.46	---	74.00	25.54	500.0	200.0	H	296.0	-2.8
9540.000000	44.51	---	74.00	29.49	500.0	100.0	V	60.0	-0.2
12309.375000	---	47.77	54.00	6.23	500.0	200.0	H	267.0	0.2
12311.250000	53.12	---	74.00	20.88	500.0	200.0	H	311.0	0.2
14773.125000	---	40.46	54.00	13.54	500.0	200.0	H	320.0	4.9

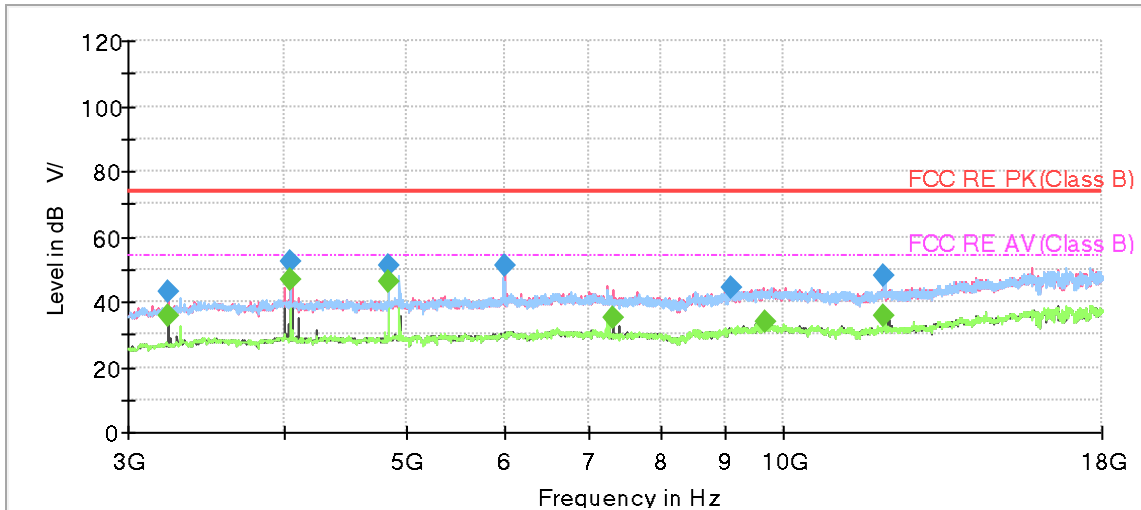
802.11n (HT20) CH1



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

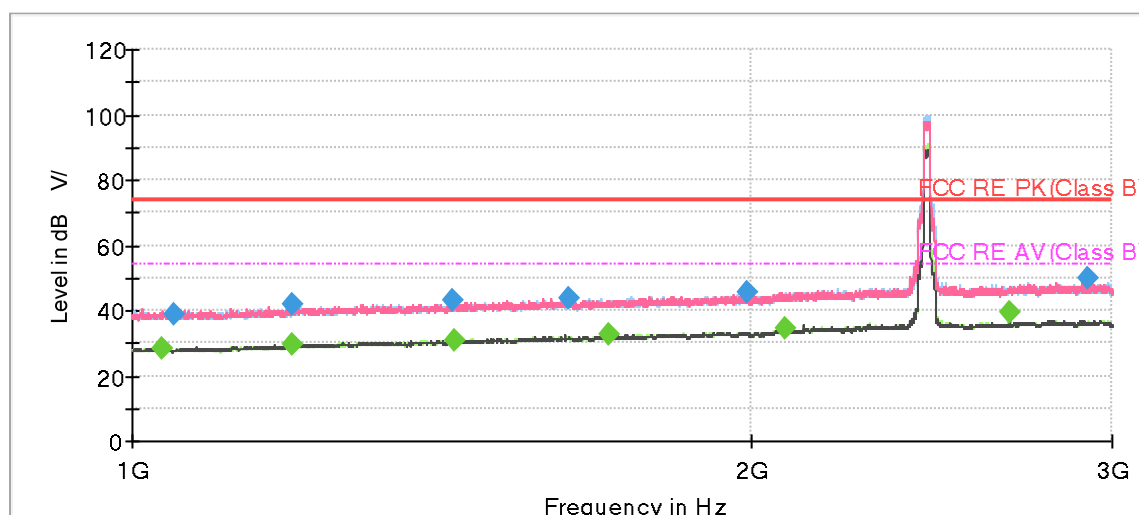
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1197.500000	---	29.69	54.00	24.31	500.0	100.0	V	85.0	-8.9
1198.500000	41.34	---	74.00	32.66	500.0	100.0	V	63.0	-8.8
1387.250000	42.44	---	74.00	31.56	500.0	100.0	V	329.0	-7.7
1435.000000	---	31.03	54.00	22.97	500.0	200.0	V	206.0	-7.4
1515.750000	43.35	---	74.00	30.65	500.0	200.0	V	244.0	-6.9
1567.500000	---	31.20	54.00	22.80	500.0	100.0	H	169.0	-6.6
1687.500000	44.25	---	74.00	29.75	500.0	100.0	V	98.0	-6.0
1732.000000	---	32.55	54.00	21.45	500.0	200.0	H	97.0	-5.8
2053.500000	45.57	---	74.00	28.43	500.0	200.0	H	97.0	-4.2
2079.000000	---	34.69	54.00	19.31	500.0	100.0	V	4.0	-3.9
2673.250000	---	38.32	54.00	15.68	500.0	100.0	V	47.0	-1.8
2864.750000	49.56	---	74.00	24.44	500.0	100.0	H	256.0	-1.1



Radiates Emission from 3GHz to 18GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3230.625000	---	35.64	54.00	18.36	500.0	200.0	V	270.0	-9.8
3232.500000	43.19	---	74.00	30.81	500.0	200.0	V	270.0	-9.8
4038.750000	---	46.49	54.00	7.51	500.0	200.0	V	303.0	-6.7
4038.750000	52.52	---	74.00	21.48	500.0	200.0	V	303.0	-6.7
4846.875000	---	46.24	54.00	7.76	500.0	200.0	H	203.0	-6.0
4848.750000	51.07	---	74.00	22.93	500.0	200.0	H	203.0	-6.0
5994.375000	50.84	---	74.00	23.16	500.0	100.0	V	29.0	-4.5
7321.875000	---	35.30	54.00	18.70	500.0	200.0	V	298.0	-3.0
9105.000000	44.11	---	74.00	29.89	500.0	100.0	V	249.0	-1.2
9695.625000	---	34.09	54.00	19.91	500.0	200.0	V	260.0	-0.7
12054.375000	---	35.83	54.00	18.17	500.0	200.0	H	324.0	-0.1
12056.250000	47.83	---	74.00	26.17	500.0	200.0	H	286.0	-0.1

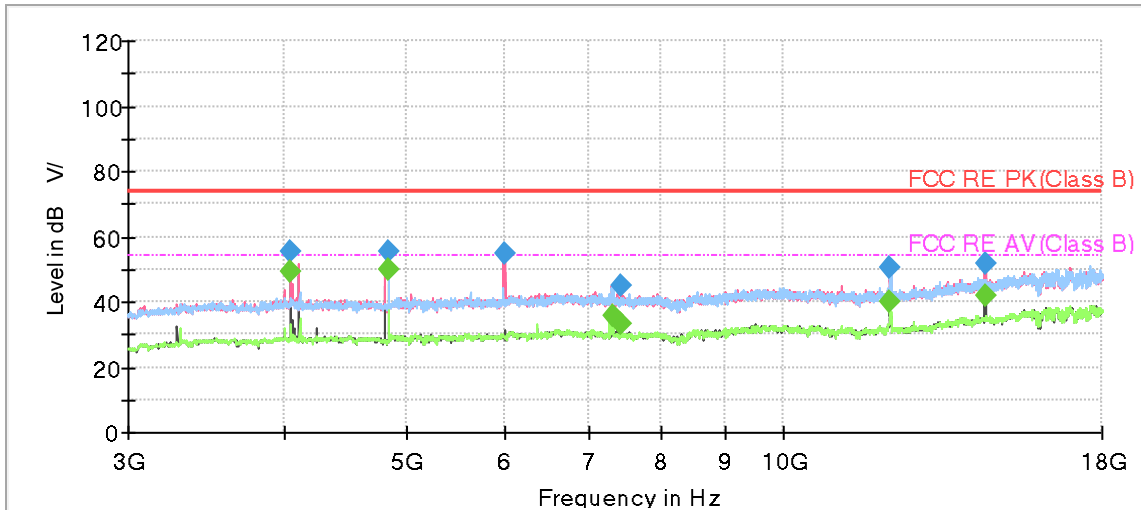
802.11n (HT20) CH6



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

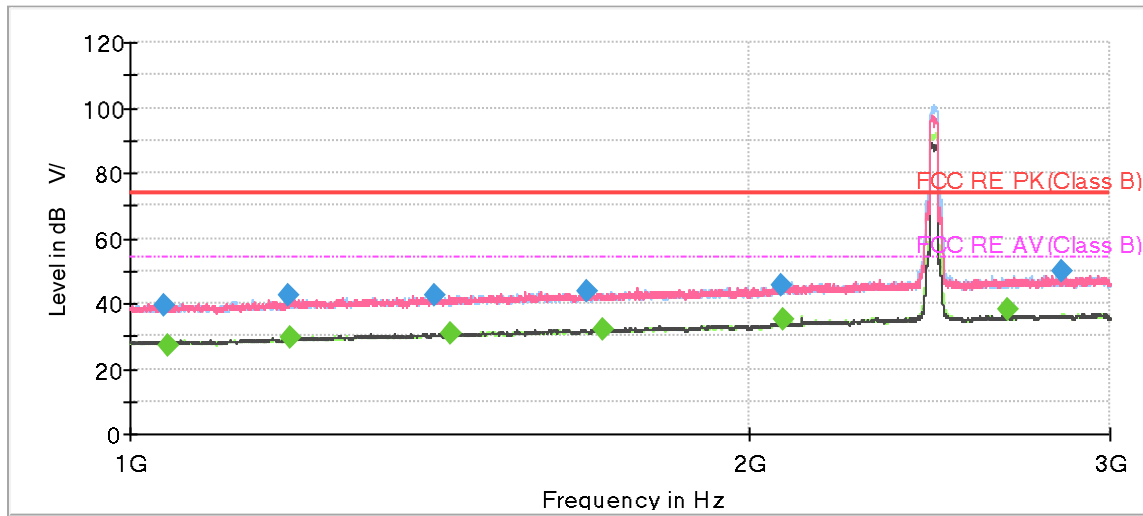
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1033.750000	---	28.13	54.00	25.87	500.0	100.0	H	119.0	-10.5
1048.250000	39.03	---	74.00	34.97	500.0	200.0	H	71.0	-10.5
1196.250000	41.69	---	74.00	32.31	500.0	200.0	V	169.0	-8.9
1196.750000	---	29.56	54.00	24.44	500.0	200.0	V	164.0	-8.9
1433.500000	43.25	---	74.00	30.75	500.0	200.0	H	15.0	-7.4
1437.250000	---	31.04	54.00	22.96	500.0	100.0	V	14.0	-7.3
1633.750000	43.84	---	74.00	30.16	500.0	200.0	V	173.0	-6.2
1707.500000	---	32.44	54.00	21.56	500.0	100.0	H	261.0	-5.9
1991.750000	45.62	---	74.00	28.38	500.0	200.0	V	281.0	-4.6
2079.000000	---	34.70	54.00	19.30	500.0	100.0	V	10.0	-3.9
2673.000000	---	39.09	54.00	14.91	500.0	100.0	V	337.0	-1.8
2922.500000	49.75	---	74.00	24.25	500.0	100.0	H	344.0	-1.0



Radiates Emission from 3GHz to 18GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4038.750000	---	49.14	54.00	4.86	500.0	100.0	V	268.0	-6.7
4038.750000	55.19	---	74.00	18.81	500.0	100.0	V	268.0	-6.7
4846.875000	---	50.05	54.00	3.95	500.0	100.0	H	0.0	-6.0
4846.875000	55.37	---	74.00	18.63	500.0	100.0	H	0.0	-6.0
6000.000000	54.60	---	74.00	19.40	500.0	100.0	V	234.0	-4.5
7308.750000	---	35.75	54.00	18.25	500.0	200.0	H	298.0	-3.0
7419.375000	44.97	---	74.00	29.03	500.0	100.0	V	359.0	-2.8
7419.375000	---	33.32	54.00	20.68	500.0	100.0	V	359.0	-2.8
12183.750000	50.33	---	74.00	23.67	500.0	200.0	H	192.0	0.4
12185.625000	---	40.16	54.00	13.84	500.0	200.0	H	313.0	0.4
14544.375000	---	42.10	54.00	11.91	500.0	200.0	V	276.0	4.6
14546.250000	51.44	---	74.00	22.56	500.0	200.0	V	276.0	4.6

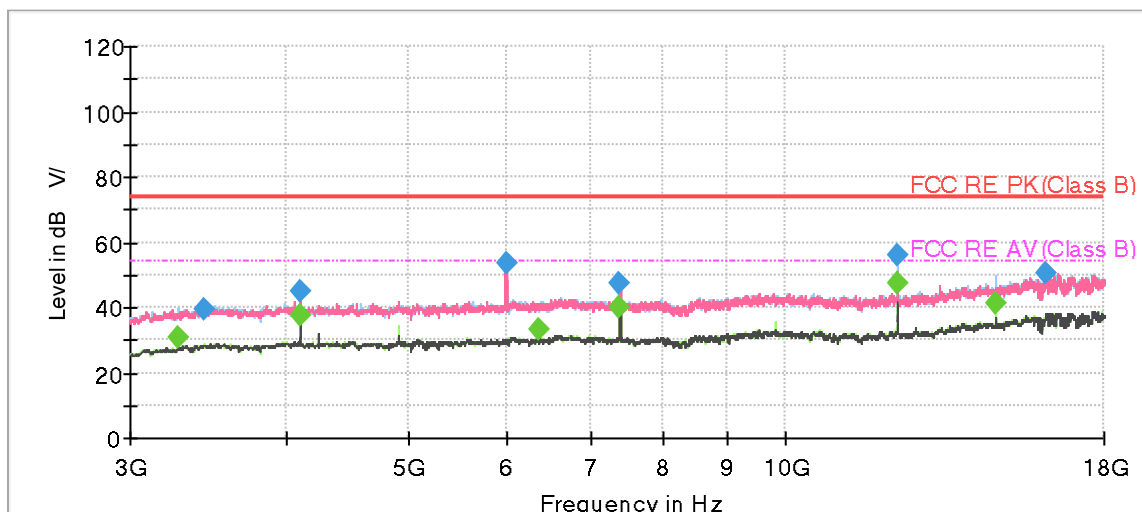
802.11n (HT20) CH11



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

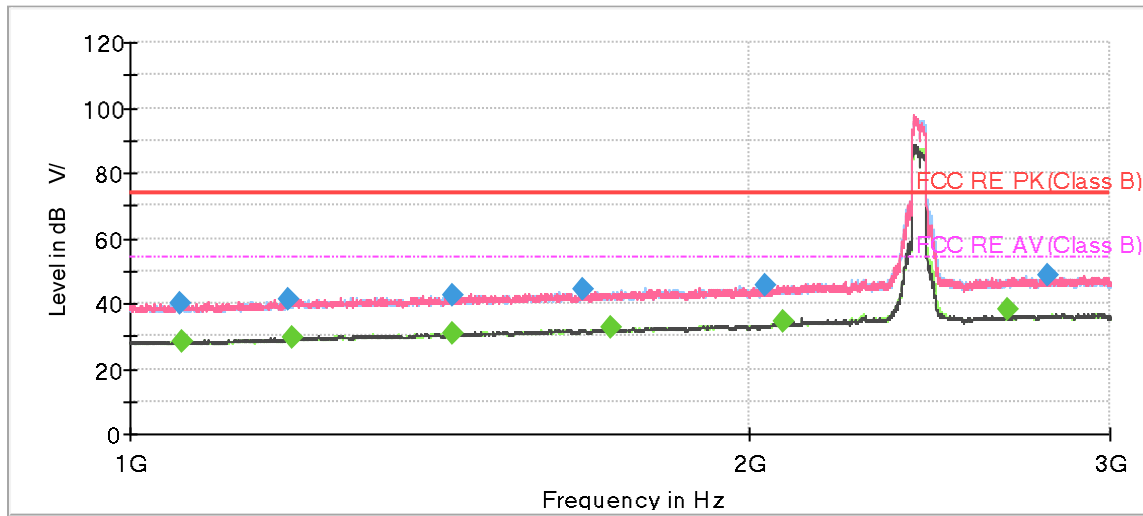
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1039.000000	39.68	---	74.00	34.32	500.0	100.0	H	271.0	-10.5
1044.250000	---	27.37	54.00	26.63	500.0	200.0	H	41.0	-10.5
1194.750000	42.18	---	74.00	31.82	500.0	200.0	H	15.0	-8.9
1197.000000	---	29.57	54.00	24.43	500.0	100.0	V	139.0	-8.9
1407.000000	42.58	---	74.00	31.42	500.0	100.0	H	219.0	-7.5
1431.000000	---	30.93	54.00	23.07	500.0	200.0	V	250.0	-7.4
1669.250000	43.57	---	74.00	30.43	500.0	100.0	V	44.0	-6.1
1698.250000	---	32.30	54.00	21.70	500.0	100.0	V	5.0	-6.0
2077.500000	45.81	---	74.00	28.19	500.0	100.0	V	87.0	-3.9
2078.750000	---	34.80	54.00	19.20	500.0	100.0	V	70.0	-3.9
2673.000000	---	38.17	54.00	15.83	500.0	100.0	V	83.0	-1.8
2843.250000	49.59	---	74.00	24.41	500.0	100.0	V	302.0	-1.1



Radiates Emission from 3GHz to 18GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3281.250000	---	30.93	54.00	23.07	500.0	200.0	H	323.0	-9.3
3436.875000	39.62	---	74.00	34.38	500.0	200.0	V	141.0	-8.5
4102.500000	44.99	---	74.00	29.01	500.0	200.0	V	266.0	-6.6
4104.375000	---	37.80	54.00	16.20	500.0	200.0	V	266.0	-6.6
5994.375000	53.56	---	74.00	20.44	500.0	200.0	V	271.0	-4.5
6371.250000	---	33.22	54.00	20.78	500.0	200.0	H	313.0	-4.3
7383.750000	---	40.24	54.00	13.76	500.0	200.0	H	297.0	-2.8
7385.625000	47.50	---	74.00	26.50	500.0	200.0	H	297.0	-2.8
12311.250000	---	47.13	54.00	6.87	500.0	200.0	H	306.0	0.2
12311.250000	55.71	---	74.00	18.29	500.0	200.0	H	306.0	0.2
14773.125000	---	41.37	54.00	12.63	500.0	200.0	H	293.0	4.9
16201.875000	50.56	---	74.00	23.44	500.0	200.0	V	247.0	7.3

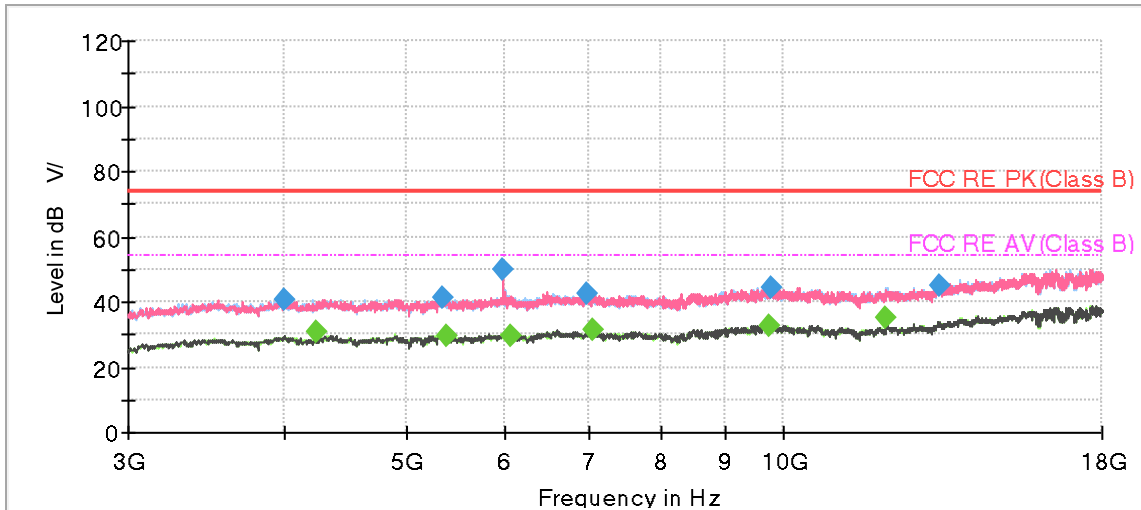
802.11n (HT40) CH3



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

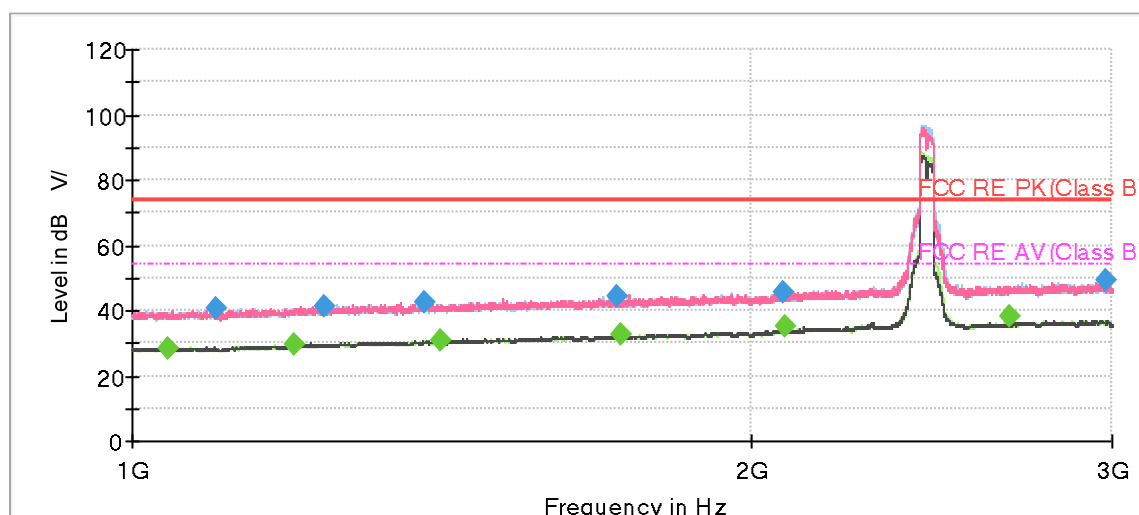
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1058.000000	39.94	---	74.00	34.06	500.0	200.0	V	133.0	-10.4
1060.000000	---	28.39	54.00	25.61	500.0	100.0	H	140.0	-10.4
1195.000000	41.44	---	74.00	32.56	500.0	200.0	V	138.0	-8.9
1199.000000	---	29.72	54.00	24.28	500.0	200.0	V	168.0	-8.8
1434.250000	42.68	---	74.00	31.32	500.0	200.0	V	155.0	-7.4
1434.750000	---	30.88	54.00	23.12	500.0	200.0	V	27.0	-7.4
1662.000000	44.32	---	74.00	29.68	500.0	100.0	V	305.0	-6.1
1714.750000	---	32.40	54.00	21.60	500.0	100.0	V	246.0	-5.9
2039.750000	45.79	---	74.00	28.21	500.0	200.0	V	303.0	-4.3
2079.000000	---	34.66	54.00	19.34	500.0	100.0	V	351.0	-3.9
2673.000000	---	38.13	54.00	15.87	500.0	100.0	V	326.0	-1.8
2800.000000	48.65	---	74.00	25.35	500.0	100.0	V	278.0	-1.3



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)
4005.000000	40.54	---	74.00	33.46	500.0	200.0	V	227.0	-6.8
4246.875000	---	30.79	54.00	23.21	500.0	200.0	V	315.0	-6.6
5358.750000	41.44	---	74.00	32.56	500.0	100.0	V	238.0	-4.9
5390.625000	---	29.46	54.00	24.54	500.0	200.0	H	312.0	-4.9
5981.250000	49.79	---	74.00	24.21	500.0	200.0	V	96.0	-4.6
6065.625000	---	29.66	54.00	24.34	500.0	100.0	H	0.0	-4.2
6984.375000	42.52	---	74.00	31.48	500.0	100.0	H	20.0	-2.9
7066.875000	---	31.28	54.00	22.72	500.0	200.0	H	0.0	-3.1
9772.500000	---	32.86	54.00	21.14	500.0	100.0	V	40.0	-0.5
9783.750000	44.37	---	74.00	29.63	500.0	200.0	H	230.0	-0.5
12106.875000	---	34.82	54.00	19.18	500.0	200.0	H	319.0	0.1
13346.250000	45.01	---	74.00	28.99	500.0	100.0	H	277.0	2.4

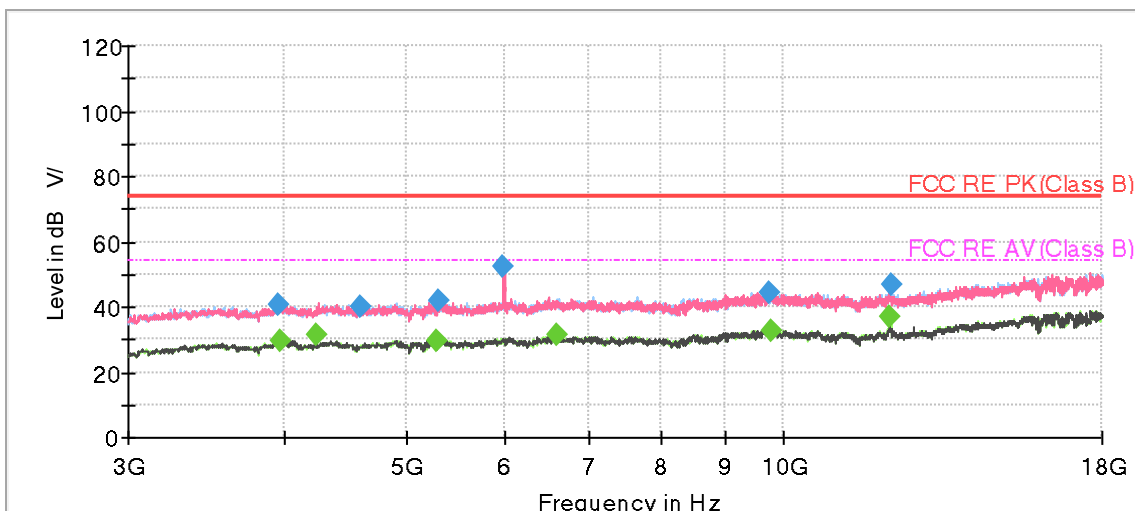
802.11n (HT40) CH6



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

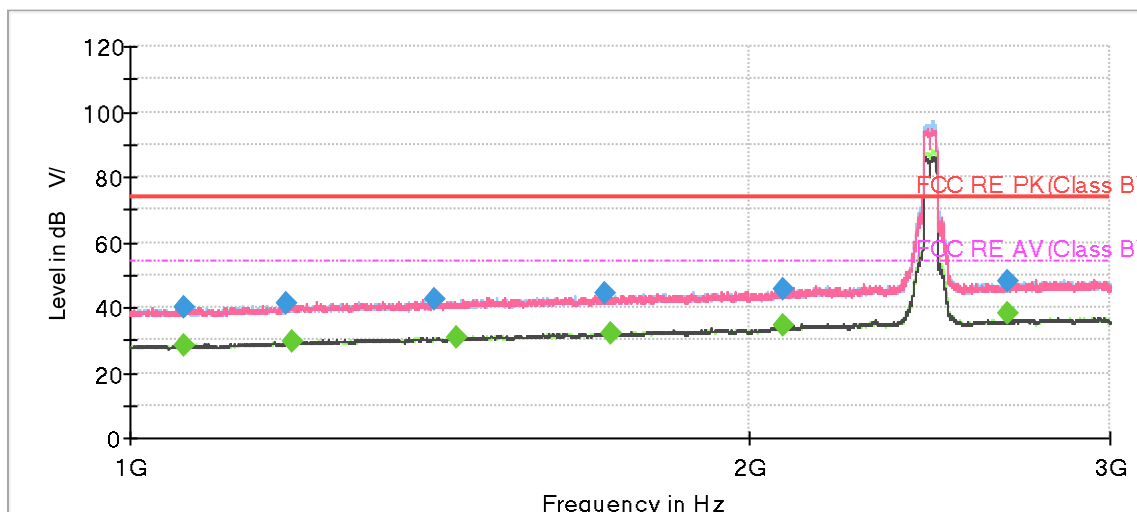
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1040.500000	---	28.15	54.00	25.85	500.0	200.0	H	263.0	-10.5
1098.250000	40.90	---	74.00	33.10	500.0	100.0	V	236.0	-10.1
1200.750000	---	29.71	54.00	24.29	500.0	100.0	H	149.0	-8.8
1241.500000	41.14	---	74.00	32.86	500.0	200.0	H	289.0	-8.6
1388.000000	42.36	---	74.00	31.64	500.0	100.0	V	218.0	-7.7
1414.000000	---	30.85	54.00	23.15	500.0	100.0	V	257.0	-7.5
1720.500000	44.38	---	74.00	29.62	500.0	100.0	V	96.0	-5.9
1728.500000	---	32.43	54.00	21.57	500.0	200.0	V	91.0	-5.8
2076.000000	45.81	---	74.00	28.19	500.0	200.0	V	56.0	-4.0
2079.000000	---	35.01	54.00	18.99	500.0	100.0	V	253.0	-3.9
2673.250000	---	38.21	54.00	15.79	500.0	100.0	V	313.0	-1.8
2979.250000	49.19	---	74.00	24.81	500.0	100.0	H	80.0	-0.7



Radiates Emission from 3GHz to 18GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3956.250000	40.40	---	74.00	33.60	500.0	100.0	V	297.0	-7.1
3969.375000	---	29.44	54.00	24.56	500.0	200.0	V	131.0	-7.0
4246.875000	---	31.14	54.00	22.86	500.0	200.0	V	301.0	-6.6
4595.625000	40.12	---	74.00	33.88	500.0	200.0	V	164.0	-6.3
5298.750000	---	29.41	54.00	24.59	500.0	100.0	H	65.0	-4.6
5310.000000	41.87	---	74.00	32.13	500.0	100.0	H	22.0	-4.6
5981.250000	52.51	---	74.00	21.49	500.0	100.0	V	237.0	-4.6
6607.500000	---	31.40	54.00	22.60	500.0	100.0	H	269.0	-3.3
9774.375000	44.52	---	74.00	29.48	500.0	100.0	V	242.0	-0.5
9811.875000	---	32.83	54.00	21.17	500.0	200.0	V	45.0	-0.4
12176.250000	---	36.91	54.00	17.09	500.0	200.0	H	320.0	0.4
12213.750000	46.74	---	74.00	27.26	500.0	200.0	H	320.0	0.4

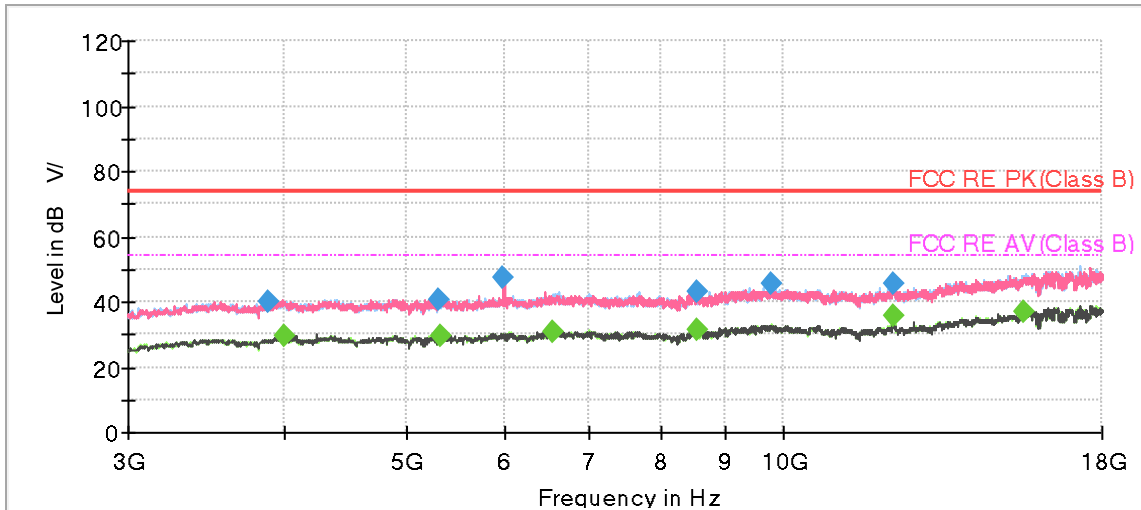
802.11n (HT40) CH9



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

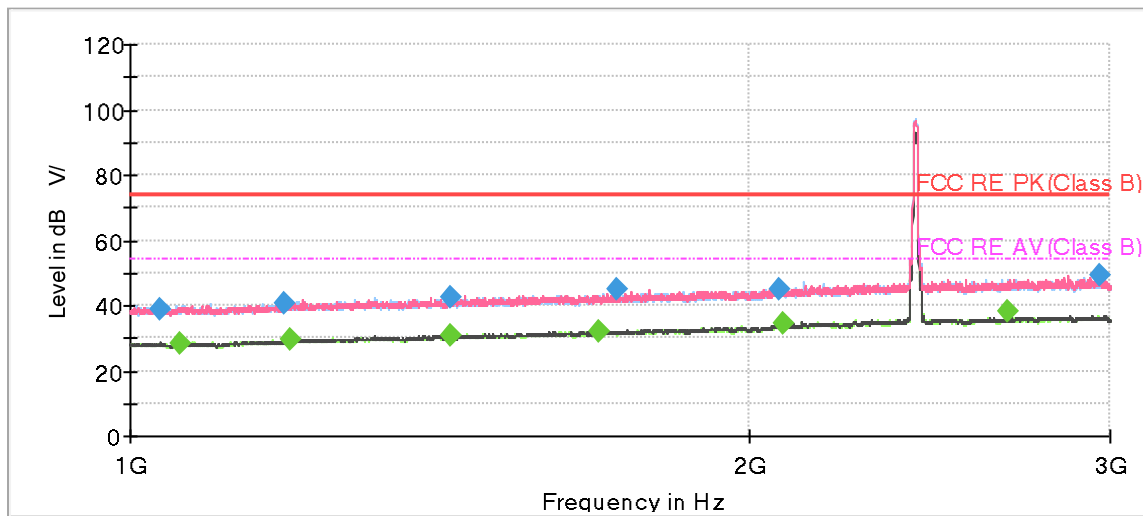
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1061.500000	---	28.17	54.00	25.83	500.0	200.0	H	313.0	-10.4
1062.500000	39.88	---	74.00	34.12	500.0	200.0	V	261.0	-10.4
1191.750000	41.15	---	74.00	32.85	500.0	200.0	H	287.0	-9.0
1200.000000	---	29.67	54.00	24.33	500.0	200.0	H	357.0	-8.8
1406.500000	42.57	---	74.00	31.43	500.0	100.0	V	286.0	-7.5
1441.250000	---	30.79	54.00	23.21	500.0	200.0	V	256.0	-7.3
1702.750000	44.12	---	74.00	29.88	500.0	200.0	V	142.0	-6.0
1715.250000	---	32.28	54.00	21.72	500.0	100.0	H	141.0	-5.9
2079.000000	---	34.50	54.00	19.50	500.0	100.0	V	346.0	-3.9
2079.250000	45.25	---	74.00	28.75	500.0	200.0	V	73.0	-3.9
2672.500000	47.89	---	74.00	26.11	500.0	200.0	H	279.0	-1.8
2673.000000	---	38.11	54.00	15.89	500.0	100.0	V	333.0	-1.8



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)
3888.750000	39.78	---	74.00	34.22	500.0	100.0	H	1.0	-7.4
4005.000000	---	29.24	54.00	24.76	500.0	100.0	H	98.0	-6.8
5306.250000	40.85	---	74.00	33.15	500.0	100.0	H	40.0	-4.6
5326.875000	---	29.81	54.00	24.19	500.0	100.0	H	59.0	-4.7
5973.750000	47.53	---	74.00	26.47	500.0	100.0	H	69.0	-4.7
6562.500000	---	30.51	54.00	23.49	500.0	200.0	H	185.0	-3.5
8540.625000	43.00	---	74.00	31.00	500.0	100.0	H	16.0	-1.8
8551.875000	---	31.23	54.00	22.77	500.0	100.0	H	319.0	-1.8
9791.250000	45.60	---	74.00	28.40	500.0	200.0	H	282.0	-0.5
12249.375000	---	35.91	54.00	18.09	500.0	200.0	H	321.0	0.2
12249.375000	45.60	---	74.00	28.40	500.0	200.0	H	321.0	0.2
15568.125000	---	36.90	54.00	17.10	500.0	200.0	V	17.0	6.4

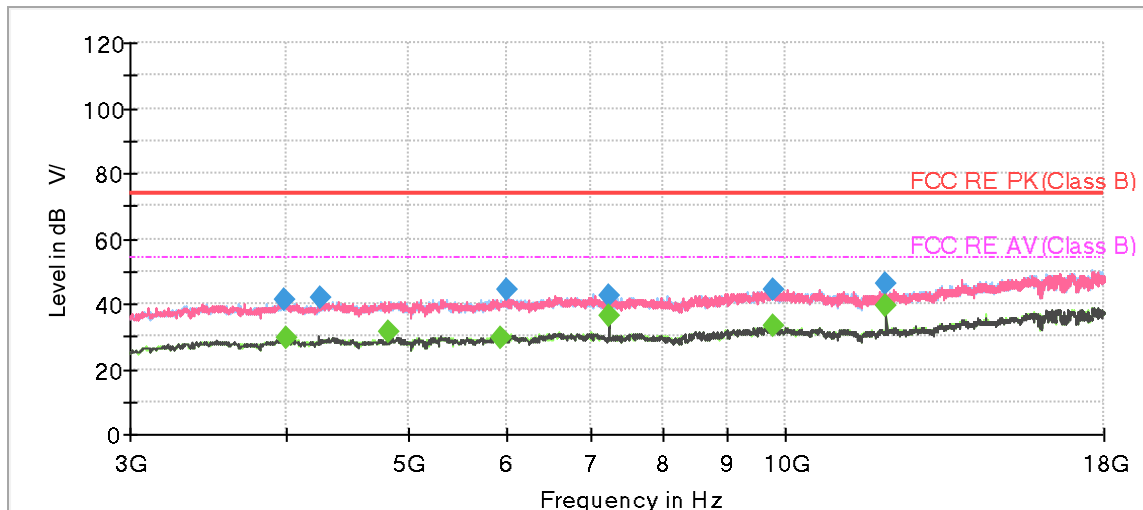
802.11ax (HE20) CH 1



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

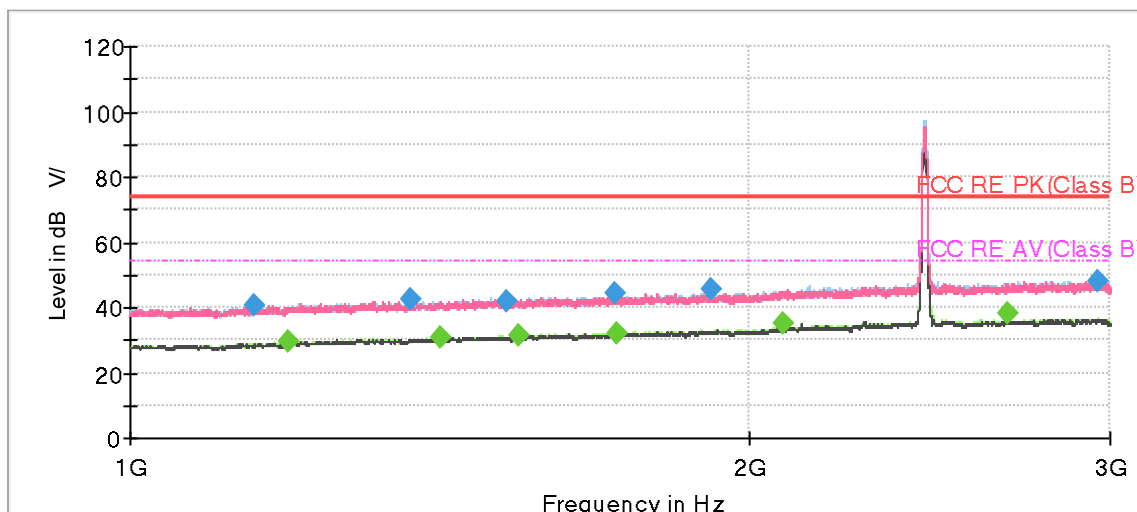
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1034.250000	38.93	---	74.00	35.07	500.0	200.0	H	356.0	-10.5
1058.000000	---	28.31	54.00	25.69	500.0	200.0	V	243.0	-10.4
1188.500000	40.74	---	74.00	33.26	500.0	200.0	V	139.0	-9.0
1197.750000	---	29.69	54.00	24.31	500.0	200.0	V	278.0	-8.8
1431.750000	42.62	---	74.00	31.38	500.0	200.0	H	281.0	-7.4
1434.000000	---	30.99	54.00	23.01	500.0	200.0	V	178.0	-7.4
1692.250000	---	32.28	54.00	21.72	500.0	200.0	V	252.0	-6.0
1726.250000	44.72	---	74.00	29.28	500.0	200.0	V	4.0	-5.8
2070.750000	45.17	---	74.00	28.83	500.0	200.0	V	35.0	-4.0
2079.000000	---	34.53	54.00	19.47	500.0	200.0	V	79.0	-3.9
2673.250000	---	37.93	54.00	16.07	500.0	100.0	V	256.0	-1.8
2968.000000	49.11	---	74.00	24.89	500.0	200.0	V	195.0	-0.8



Radiates Emission from 3GHz to 18GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3978.750000	41.05	---	74.00	32.95	500.0	100.0	H	198.0	-6.9
3999.375000	---	29.55	54.00	24.45	500.0	100.0	V	155.0	-6.8
4256.250000	41.74	---	74.00	32.26	500.0	100.0	V	179.0	-6.5
4822.500000	---	31.58	54.00	22.42	500.0	200.0	V	323.0	-6.1
5932.500000	---	29.33	54.00	24.67	500.0	100.0	H	270.0	-4.9
5992.500000	44.20	---	74.00	29.80	500.0	200.0	V	163.0	-4.5
7233.750000	42.69	---	74.00	31.31	500.0	200.0	H	18.0	-2.9
7237.500000	---	36.08	54.00	17.92	500.0	200.0	H	18.0	-2.9
9787.500000	---	32.97	54.00	21.03	500.0	200.0	V	58.0	-0.5
9789.375000	44.10	---	74.00	29.90	500.0	100.0	H	165.0	-0.5
12060.000000	45.87	---	74.00	28.13	500.0	200.0	H	320.0	-0.1
12061.875000	---	39.08	54.00	14.92	500.0	200.0	H	320.0	-0.1

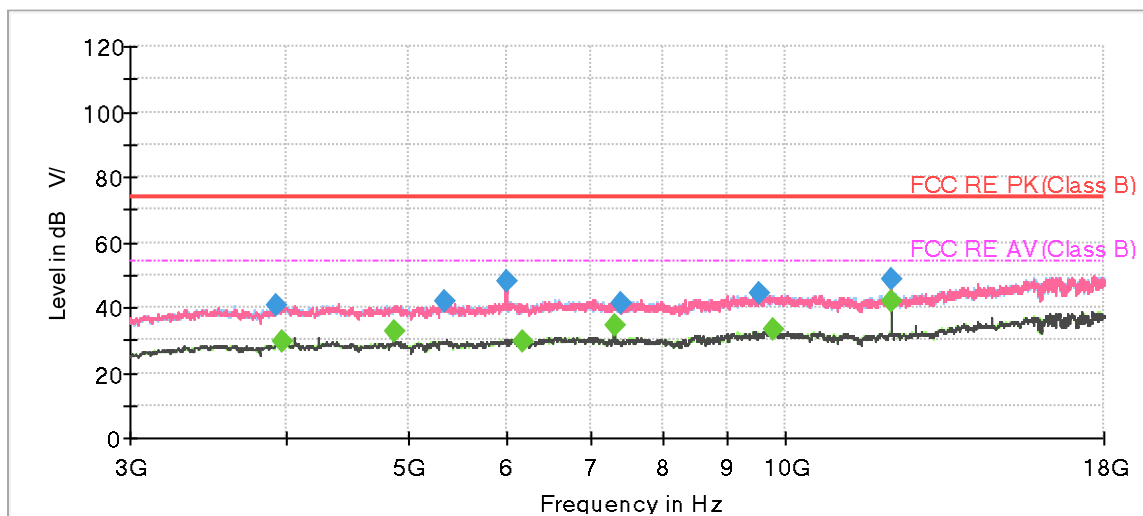
802.11ax (HE20) CH6



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

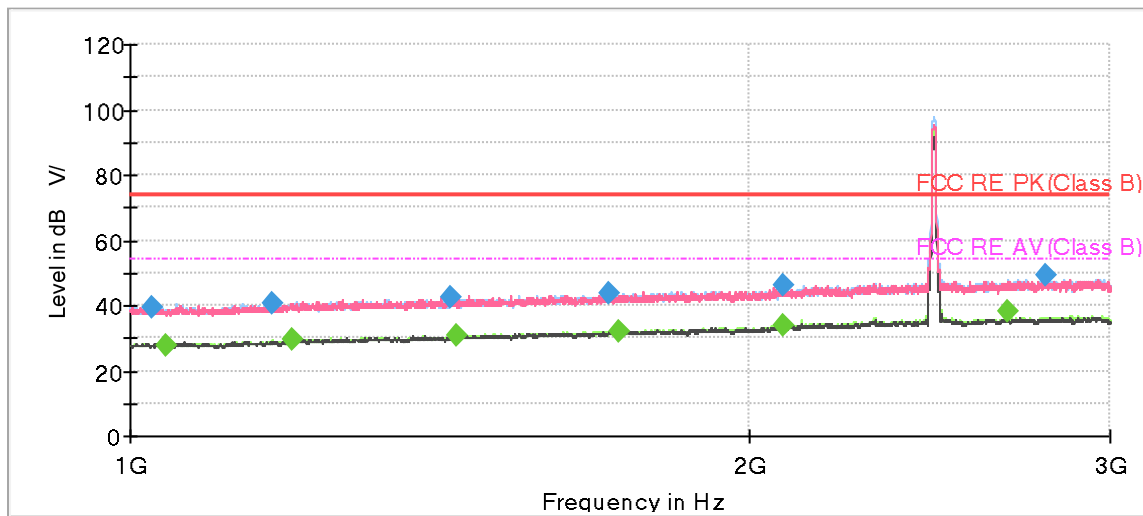
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1150.000000	40.48	---	74.00	33.52	500.0	100.0	V	318.0	-9.8
1193.500000	---	29.79	54.00	24.21	500.0	200.0	H	0.0	-8.9
1368.500000	42.27	---	74.00	31.73	500.0	200.0	V	173.0	-7.7
1416.750000	---	30.88	54.00	23.12	500.0	100.0	V	236.0	-7.4
1526.000000	41.88	---	74.00	32.12	500.0	200.0	H	207.0	-6.9
1545.000000	---	31.26	54.00	22.74	500.0	200.0	H	272.0	-6.7
1721.500000	44.25	---	74.00	29.75	500.0	100.0	H	11.0	-5.9
1726.000000	---	32.23	54.00	21.77	500.0	200.0	H	356.0	-5.8
1920.250000	45.39	---	74.00	28.61	500.0	100.0	V	310.0	-4.9
2079.250000	---	34.78	54.00	19.22	500.0	100.0	V	236.0	-3.9
2673.250000	---	38.12	54.00	15.88	500.0	100.0	V	157.0	-1.8
2958.000000	48.23	---	74.00	25.77	500.0	200.0	H	347.0	-0.8



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)
3920.625000	40.43	---	74.00	33.57	500.0	100.0	H	77.0	-7.4
3975.000000	---	29.25	54.00	24.75	500.0	200.0	H	324.0	-6.9
4873.125000	---	32.86	54.00	21.14	500.0	200.0	V	323.0	-5.8
5355.000000	41.86	---	74.00	32.14	500.0	200.0	V	0.0	-4.8
5992.500000	47.86	---	74.00	26.14	500.0	100.0	V	47.0	-4.5
6180.000000	---	29.59	54.00	24.41	500.0	200.0	H	14.0	-4.5
7308.750000	---	34.46	54.00	19.54	500.0	200.0	H	22.0	-3.0
7411.875000	41.09	---	74.00	32.91	500.0	200.0	H	233.0	-2.8
9530.625000	44.24	---	74.00	29.76	500.0	100.0	H	19.0	-0.2
9789.375000	---	32.95	54.00	21.05	500.0	200.0	H	183.0	-0.5
12187.500000	---	41.97	54.00	12.03	500.0	200.0	H	319.0	0.4
12187.500000	48.61	---	74.00	25.39	500.0	200.0	H	319.0	0.4

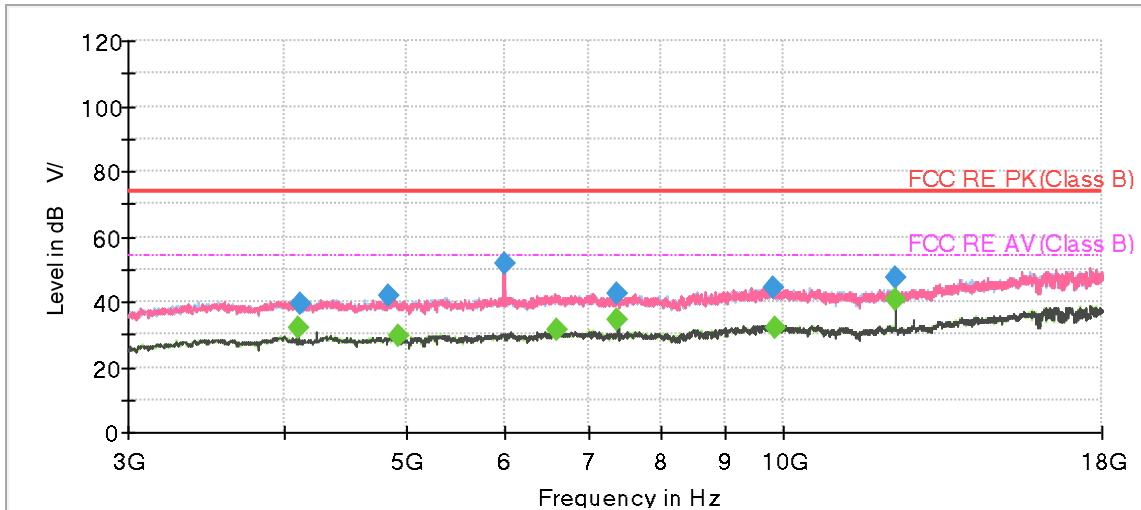
802.11ax (HE20) CH11



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1025.250000	39.38	---	74.00	34.62	500.0	200.0	V	52.0	-10.6
1041.750000	---	27.76	54.00	26.24	500.0	100.0	H	36.0	-10.5
1174.000000	40.84	---	74.00	33.16	500.0	200.0	H	285.0	-9.3
1200.000000	---	29.47	54.00	24.53	500.0	200.0	H	10.0	-8.8
1433.250000	42.55	---	74.00	31.45	500.0	200.0	H	169.0	-7.4
1441.500000	---	30.58	54.00	23.42	500.0	200.0	H	328.0	-7.3
1710.750000	43.85	---	74.00	30.15	500.0	100.0	H	0.0	-5.9
1732.000000	---	32.06	54.00	21.94	500.0	100.0	V	357.0	-5.8
2078.750000	46.00	---	74.00	28.00	500.0	100.0	V	235.0	-3.9
2079.250000	---	34.14	54.00	19.86	500.0	100.0	V	153.0	-3.9
2673.000000	---	38.36	54.00	15.64	500.0	100.0	V	300.0	-1.8
2789.250000	48.99	---	74.00	25.01	500.0	200.0	H	243.0	-1.3

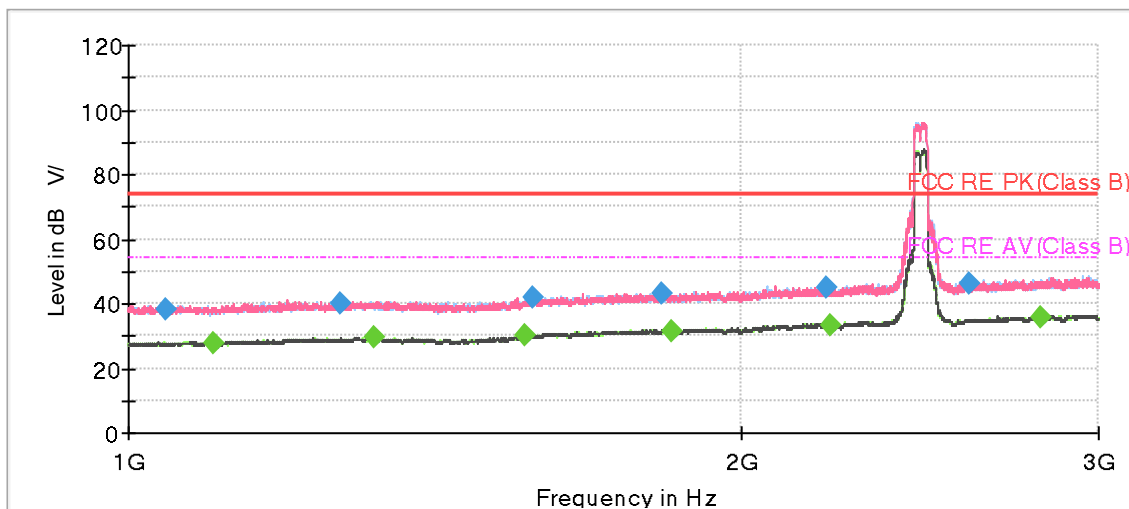


Radiates Emission from 3GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4104.375000	---	31.84	54.00	22.16	500.0	200.0	V	269.0	-6.6
4119.375000	39.62	---	74.00	34.38	500.0	200.0	H	182.0	-6.7
4843.125000	41.96	---	74.00	32.04	500.0	100.0	V	353.0	-6.0
4936.875000	---	29.31	54.00	24.69	500.0	200.0	H	358.0	-5.4
5988.750000	51.72	---	74.00	22.28	500.0	100.0	V	159.0	-4.6
6594.375000	---	31.33	54.00	22.67	500.0	200.0	H	219.0	-3.4
7383.750000	42.56	---	74.00	31.44	500.0	200.0	H	21.0	-2.8
7387.500000	---	34.37	54.00	19.63	500.0	200.0	V	23.0	-2.8
9836.250000	44.56	---	74.00	29.44	500.0	200.0	H	97.0	-0.4
9851.250000	---	32.26	54.00	21.74	500.0	200.0	V	215.0	-0.4
12313.125000	---	40.59	54.00	13.41	500.0	200.0	H	267.0	0.2
12313.125000	47.10	---	74.00	26.90	500.0	200.0	H	267.0	0.2

WR341

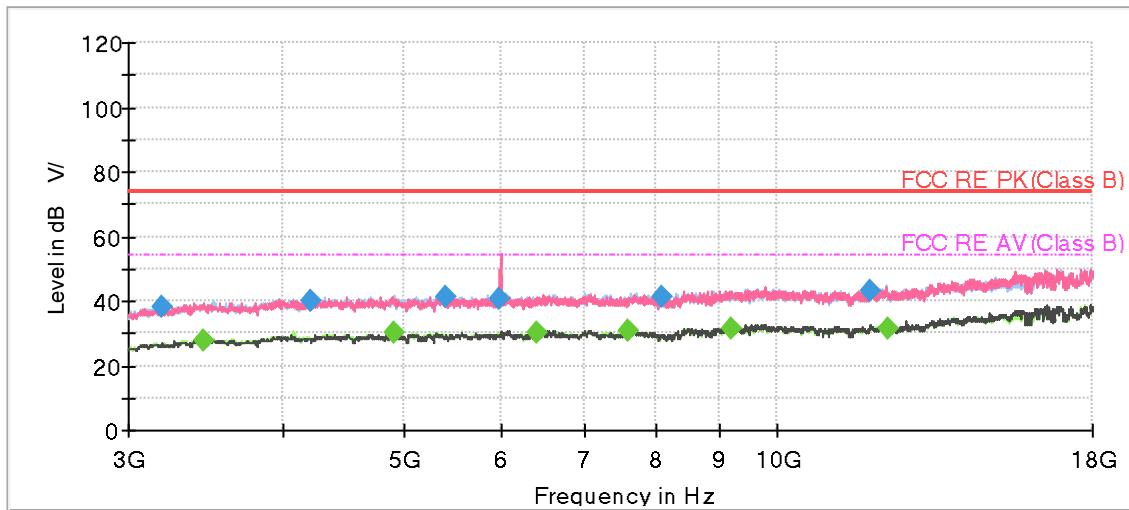
802.11n (HT40) CH9



Note: The signal beyond the limit is carrier.

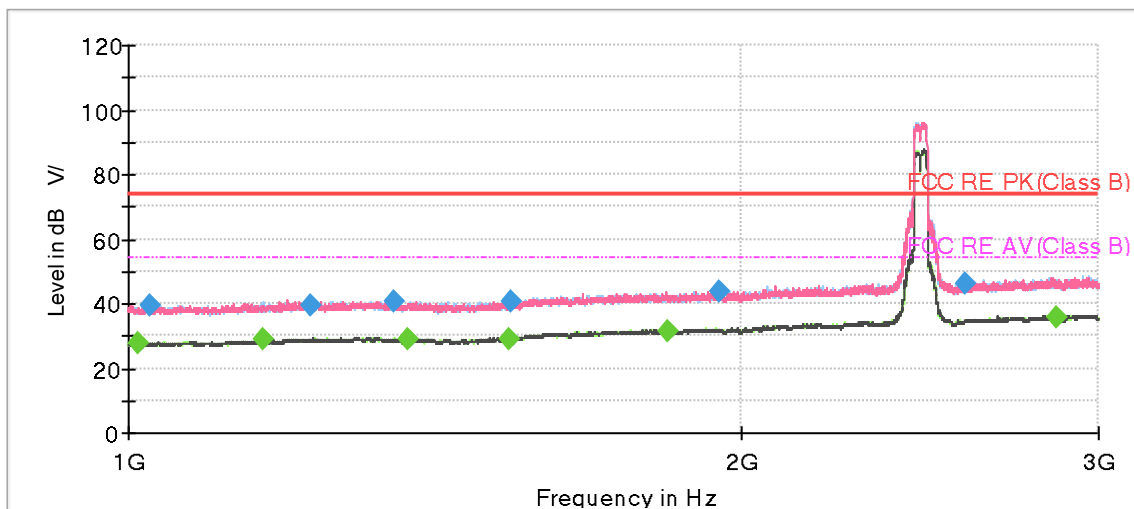
Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1044.500000	38.22	---	74.00	35.78	500.0	200.0	H	268.0	-10.5
1101.500000	---	27.59	54.00	26.41	500.0	200.0	H	214.0	-10.1
1270.750000	40.27	---	74.00	33.73	500.0	200.0	H	310.0	-8.4
1321.500000	---	29.29	54.00	24.71	500.0	100.0	V	323.0	-8.1
1566.250000	---	30.11	54.00	23.89	500.0	100.0	V	231.0	-6.6
1579.750000	41.79	---	74.00	32.21	500.0	200.0	H	125.0	-6.6
1829.250000	43.08	---	74.00	30.92	500.0	100.0	V	338.0	-5.3
1849.750000	---	31.26	54.00	22.74	500.0	200.0	H	186.0	-5.2
2203.000000	44.76	---	74.00	29.24	500.0	200.0	V	76.0	-3.3
2213.250000	---	33.27	54.00	20.73	500.0	200.0	H	114.0	-3.3
2592.500000	45.94	---	74.00	28.06	500.0	200.0	H	348.0	-2.0
2809.250000	---	35.98	54.00	18.02	500.0	100.0	V	199.0	-1.2



Radiates Emission from 3GHz to 18GHz

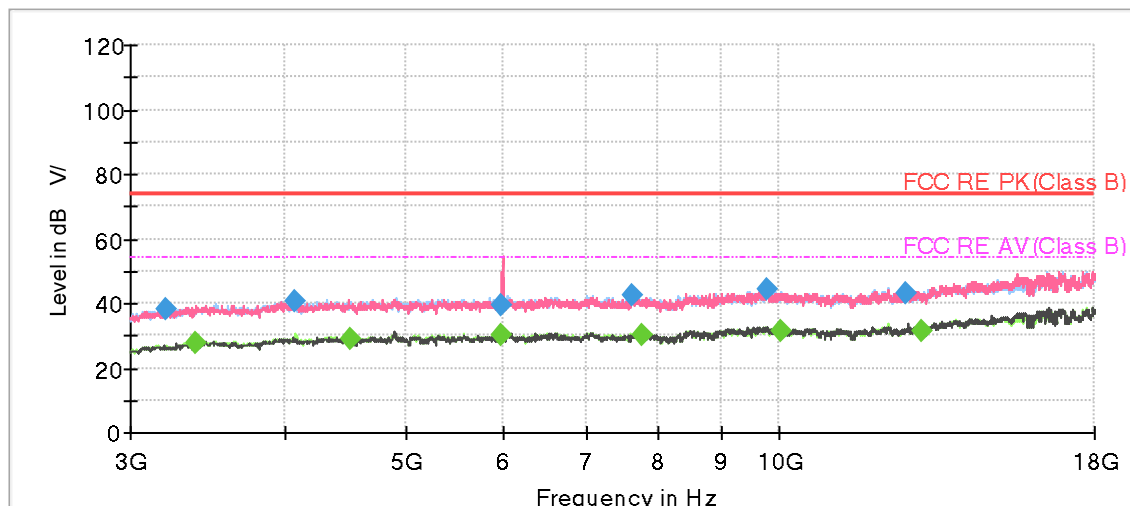
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3189.375000	38.14	---	74.00	35.86	500.0	100.0	V	302.0	-10.0
3453.750000	---	27.89	54.00	26.11	500.0	100.0	V	11.0	-8.4
4207.500000	39.91	---	74.00	34.09	500.0	100.0	H	28.0	-6.6
4912.500000	---	29.95	54.00	24.05	500.0	200.0	H	174.0	-5.3
5407.500000	41.10	---	74.00	32.90	500.0	100.0	H	141.0	-4.9
5975.625000	40.37	---	74.00	33.63	500.0	200.0	H	335.0	-4.6
6418.125000	---	30.40	54.00	23.60	500.0	100.0	H	100.0	-4.1
7606.875000	---	30.51	54.00	23.49	500.0	100.0	H	94.0	-2.9
8101.875000	41.14	---	74.00	32.86	500.0	200.0	V	281.0	-2.5
9198.750000	---	31.42	54.00	22.58	500.0	100.0	H	195.0	-1.0
11919.375000	43.29	---	74.00	30.71	500.0	100.0	V	358.0	0.1
12331.875000	---	31.37	54.00	22.63	500.0	200.0	H	198.0	0.3



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1011.000000	---	27.64	54.00	26.36	500.0	200.0	H	289.0	-10.6
1025.750000	39.17	---	74.00	34.83	500.0	200.0	H	27.0	-10.6
1165.500000	---	28.68	54.00	25.32	500.0	200.0	H	203.0	-9.5
1229.250000	39.53	---	74.00	34.47	500.0	200.0	V	71.0	-8.7
1351.500000	40.56	---	74.00	33.44	500.0	200.0	V	37.0	-7.9
1373.000000	---	29.20	54.00	24.80	500.0	200.0	H	359.0	-7.7
1540.000000	---	29.14	54.00	24.86	500.0	200.0	H	268.0	-6.8
1542.000000	40.65	---	74.00	33.35	500.0	200.0	H	71.0	-6.8
1844.000000	---	31.45	54.00	22.55	500.0	200.0	H	354.0	-5.2
1952.500000	43.77	---	74.00	30.23	500.0	100.0	V	193.0	-4.7
2583.500000	46.46	---	74.00	27.54	500.0	200.0	H	168.0	-2.0
2864.750000	---	35.95	54.00	18.05	500.0	200.0	H	152.0	-1.1



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)
3206.250000	37.85	---	74.00	36.15	500.0	200.0	H	317.0	-9.9
3391.875000	---	27.80	54.00	26.20	500.0	200.0	H	282.0	-8.7
4072.500000	40.75	---	74.00	33.25	500.0	100.0	H	94.0	-6.5
4520.625000	---	29.12	54.00	24.88	500.0	100.0	H	15.0	-6.2
5975.625000	39.55	---	74.00	34.45	500.0	200.0	V	220.0	-4.6
5977.500000	---	30.13	54.00	23.87	500.0	200.0	H	66.0	-4.6
7636.875000	42.35	---	74.00	31.65	500.0	200.0	H	228.0	-2.8
7756.875000	---	30.21	54.00	23.79	500.0	200.0	H	0.0	-2.5
9787.500000	44.32	---	74.00	29.68	500.0	200.0	V	88.0	-0.5
10053.750000	---	31.57	54.00	22.43	500.0	100.0	H	153.0	-0.6
12658.125000	42.97	---	74.00	31.03	500.0	200.0	H	300.0	0.3
13083.750000	---	31.62	54.00	22.38	500.0	200.0	H	306.0	1.5

1.2. Bluetooth LE

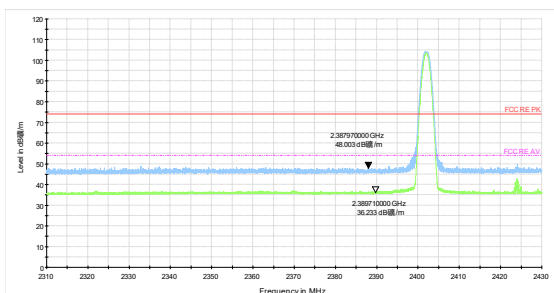
The following graphs display the maximum values of horizontal and vertical by software.
Blue trace uses the peak detection, Green trace uses the average detection.

A symbol ($\text{dB}\mu\text{V}/\text{m}$) in the test plot below means ($\text{dB}\mu\text{V}/\text{m}$)

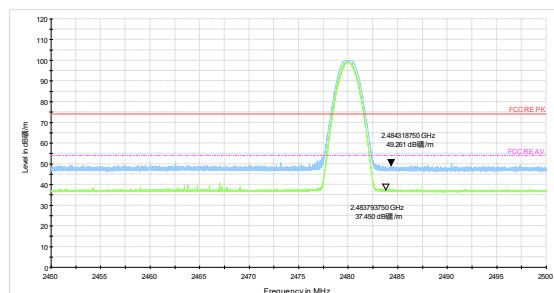
The signal beyond the limit is carrier.

KR282

After the pretest, Bluetooth LE (1M) was selected as the worst Mode for Bluetooth LE.

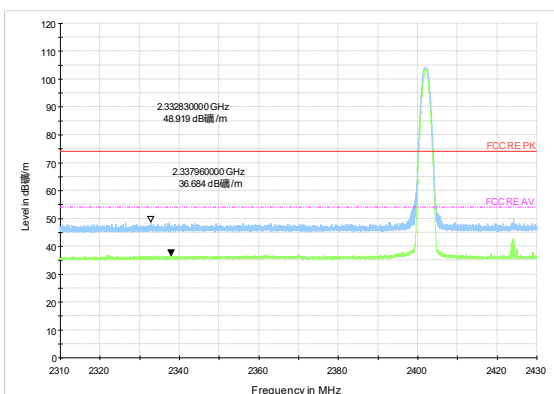


Bluetooth LE (1M) Channel 0 Peak+ Average



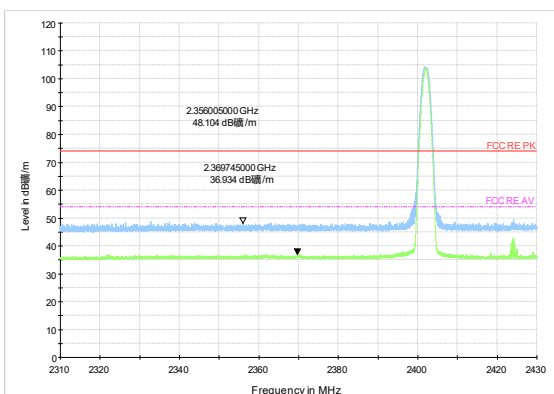
Bluetooth LE (1M) Channel 39 Peak+Average

WR341



Bluetooth LE (1M) Channel 0 Peak+Average

WR342



Bluetooth LE (1M) Channel 0 Peak+Average

Result of RE

Sweep the whole frequency band through the range from 9kHz to the 10th harmonic of the carrier. The Radiates Emission from 9kHz to 30MHz and 18GHz to 26.5GHz are more than 20dB below the limit are not reported.

Remark:

1. **Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)**
2. **Margin = Limit – Quasi-Peak/ MAX Peak/ Average**
3. **A symbol (dB μ V/m) in the test plot below means (dB μ V/m)**
4. **The following graphs display the maximum values of horizontal and vertical by software.**
5. **For below 1GHz**

 QP Level @Spectrum Overview H
  QP Level @Spectrum Overview V
  QP Level @Final Results
  QP Limit

For above 1GHz

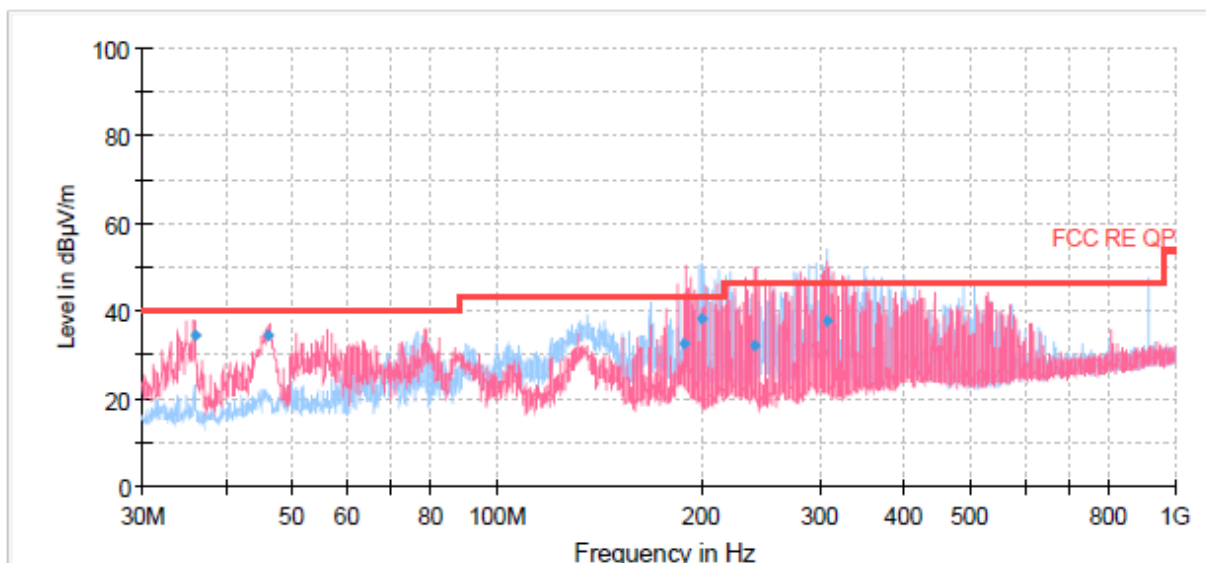
 PK Level @Spectrum Overview H
  PK Level @Spectrum Overview V
  PK Level @Final Results
  PK Limit

 AVG Level @Spectrum Overview H
  AVG Level @Spectrum Overview V
  AVG Level @Final Results
  AVG Limit

Continuous TX mode:

KR282

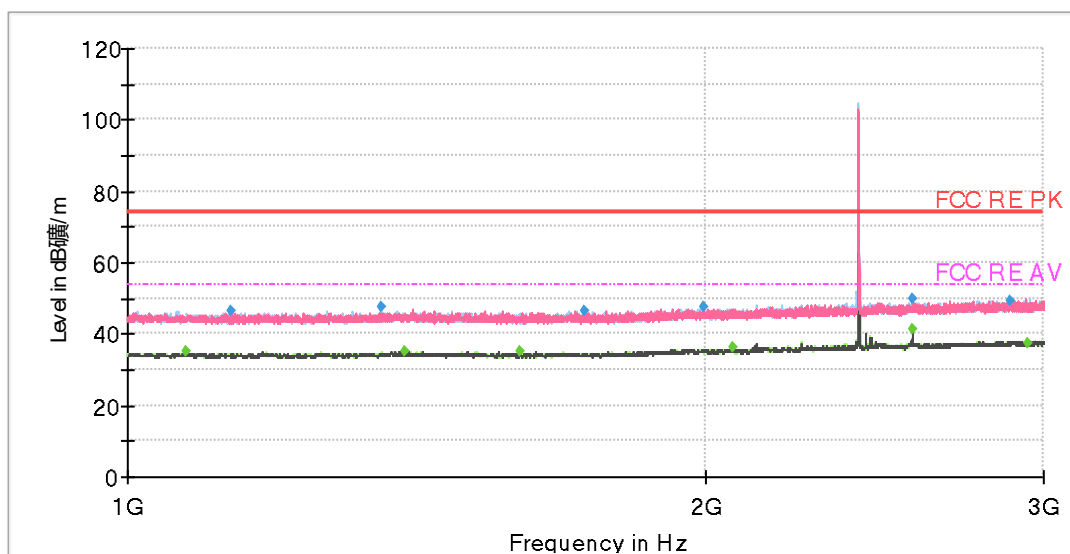
During the test, the Radiates Emission from 30MHz to 1GHz was performed in all modes with all channels. The test data of the worst-case condition was recorded in this report.



Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)
35.76	34.56	40.00	5.44	100.0	V	112.00	18
45.93	34.63	40.00	5.37	100.0	V	310.00	20
189.42	32.59	43.50	10.91	115.0	V	22.00	18
200.36	38.40	43.50	5.10	113.0	H	158.00	18
240.38	32.05	46.00	13.95	100.0	V	22.00	20
307.53	37.51	46.00	8.49	109.0	H	90.00	21

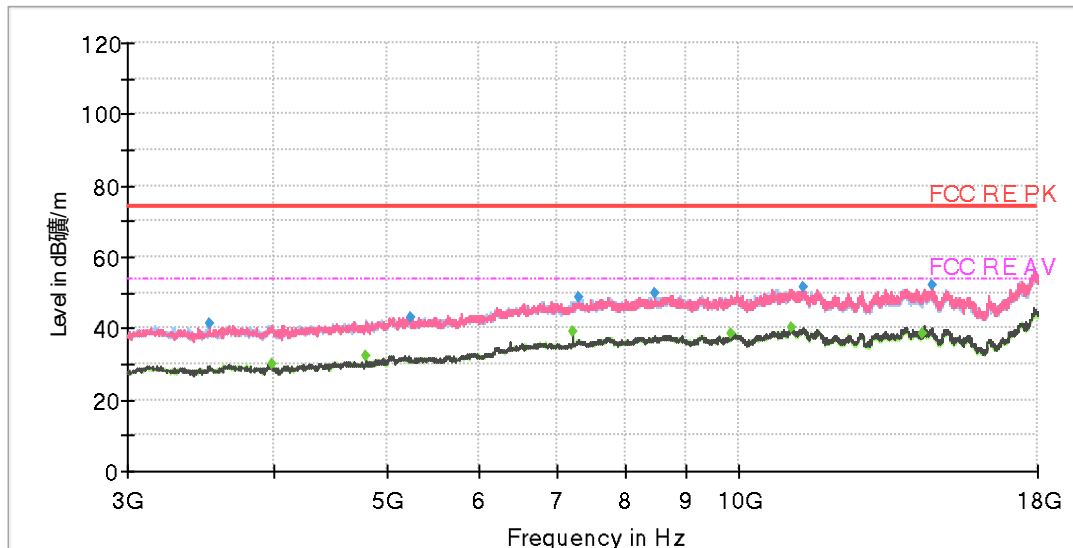
Bluetooth LE-Channel 0



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

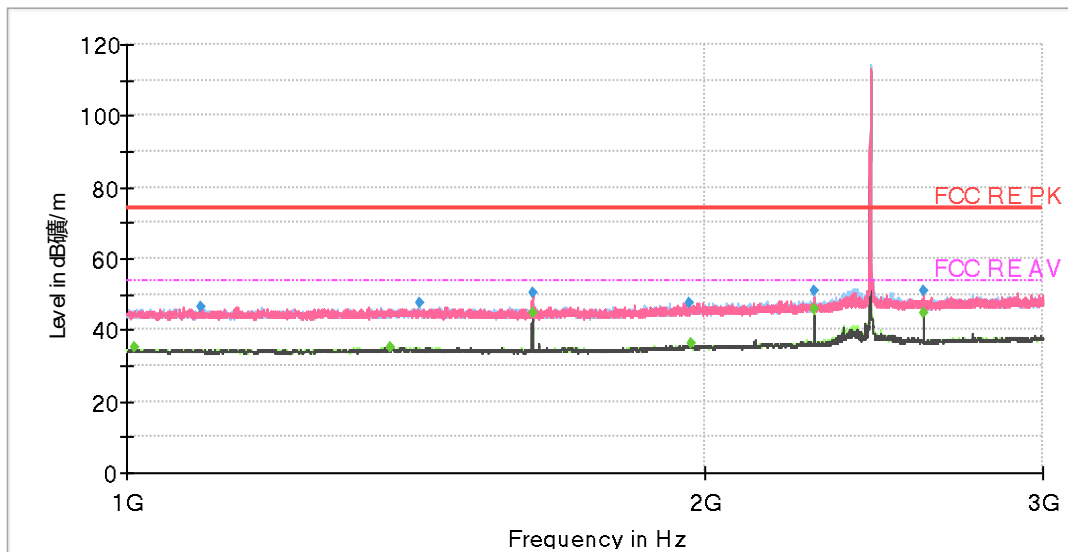
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1073.25	---	35.06	54.00	18.94	500.00	100.0	V	124.00	3
1133.50	46.29	---	74.00	27.71	500.00	100.0	V	192.00	3
1354.50	47.75	---	74.00	26.25	500.00	200.0	H	291.00	4
1393.00	---	35.19	54.00	18.81	500.00	200.0	V	71.00	5
1601.75	---	35.07	54.00	18.93	500.00	200.0	V	32.00	4
1729.75	46.53	---	74.00	27.47	500.00	100.0	H	167.00	5
1996.75	47.28	---	74.00	26.72	500.00	100.0	V	343.00	6
2065.00	---	36.19	54.00	17.81	500.00	100.0	H	0.00	6
2561.75	---	41.37	54.00	12.63	500.00	200.0	V	60.00	8
2562.75	49.93	---	74.00	24.07	500.00	200.0	H	20.00	8
2882.00	49.04	---	74.00	24.96	500.00	200.0	H	152.00	8
2946.50	---	37.32	54.00	16.68	500.00	100.0	H	319.00	8



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)
3530.63	41.05	---	74.00	32.95	500.00	100.0	V	359.00	-7
3990.00	---	29.95	54.00	24.05	500.00	200.0	H	56.00	-5
4803.75	---	32.46	54.00	21.54	500.00	200.0	H	56.00	-4
5233.13	43.28	---	74.00	30.72	500.00	100.0	H	199.00	-3
7205.63	---	39.31	54.00	14.69	500.00	200.0	V	32.00	1
7284.38	48.65	---	74.00	25.35	500.00	200.0	H	354.00	2
8478.75	49.73	---	74.00	24.27	500.00	200.0	V	18.00	3
9853.13	---	38.26	54.00	15.74	500.00	200.0	V	18.00	5
11100.00	---	40.20	54.00	13.80	500.00	200.0	V	42.00	7
11336.25	51.76	---	74.00	22.24	500.00	100.0	V	144.00	7
14328.75	---	38.51	54.00	15.49	500.00	100.0	V	284.00	9
14606.25	51.91	---	74.00	22.09	500.00	200.0	V	122.00	8

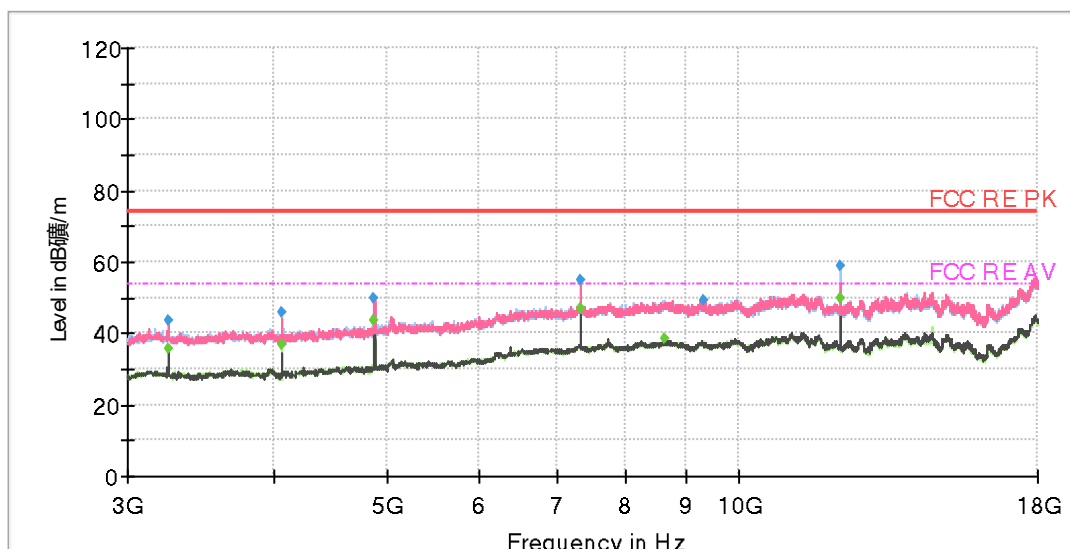
Bluetooth LE-Channel 19



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

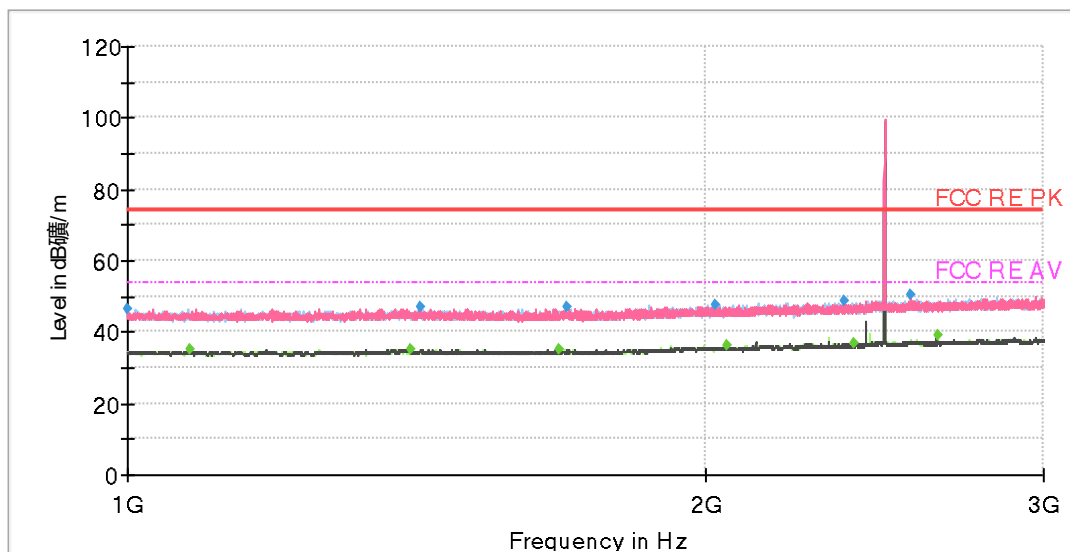
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1010.00	---	34.89	54.00	19.11	500.00	100.0	H	82.00	3
1093.50	46.42	---	74.00	27.58	500.00	100.0	V	334.00	3
1373.00	---	35.16	54.00	18.84	500.00	100.0	V	70.00	4
1419.75	47.27	---	74.00	26.73	500.00	200.0	H	315.00	4
1626.25	50.14	---	74.00	23.86	500.00	200.0	V	189.00	4
1626.75	---	44.58	54.00	9.42	500.00	200.0	V	189.00	4
1964.25	47.65	---	74.00	26.35	500.00	200.0	V	0.00	6
1966.75	---	36.03	54.00	17.97	500.00	100.0	H	259.00	6
2280.25	51.21	---	74.00	22.79	500.00	200.0	H	6.00	7
2280.25	---	45.69	54.00	8.31	500.00	200.0	H	6.00	7
2600.00	---	44.68	54.00	9.32	500.00	200.0	H	15.00	8
2600.00	51.06	---	74.00	22.94	500.00	200.0	H	15.00	8



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)
3253.13	---	35.57	54.00	18.43	500.00	200.0	V	120.00	-8
3253.13	43.55	---	74.00	30.45	500.00	100.0	V	129.00	-8
4065.00	---	36.96	54.00	17.04	500.00	100.0	H	104.00	-5
4065.00	45.99	---	74.00	28.01	500.00	100.0	H	104.00	-5
4878.75	49.63	---	74.00	24.37	500.00	200.0	V	42.00	-3
4878.75	---	43.50	54.00	10.50	500.00	200.0	V	42.00	-3
7320.00	54.82	---	74.00	19.18	500.00	200.0	V	106.00	2
7320.00	---	46.81	54.00	7.19	500.00	200.0	H	212.00	2
8621.25	---	38.50	54.00	15.50	500.00	100.0	V	144.00	4
9315.00	49.41	---	74.00	24.59	500.00	100.0	H	52.00	6
12198.75	58.76	---	74.00	15.24	500.00	200.0	H	122.00	7
12200.63	---	49.69	54.00	4.31	500.00	200.0	H	122.00	7

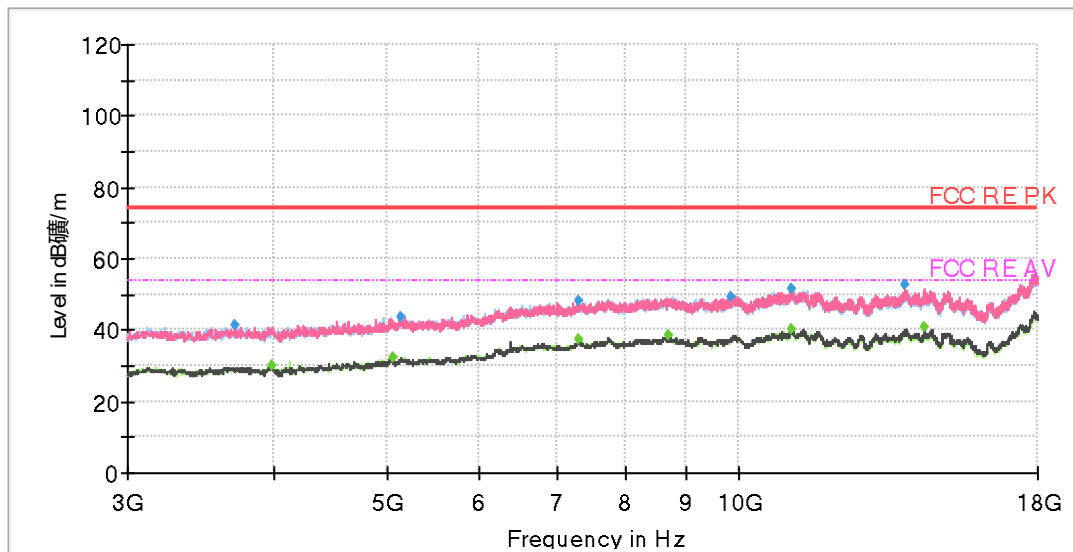
Bluetooth LE-Channel 39



Note: The signal beyond the limit is carrier.

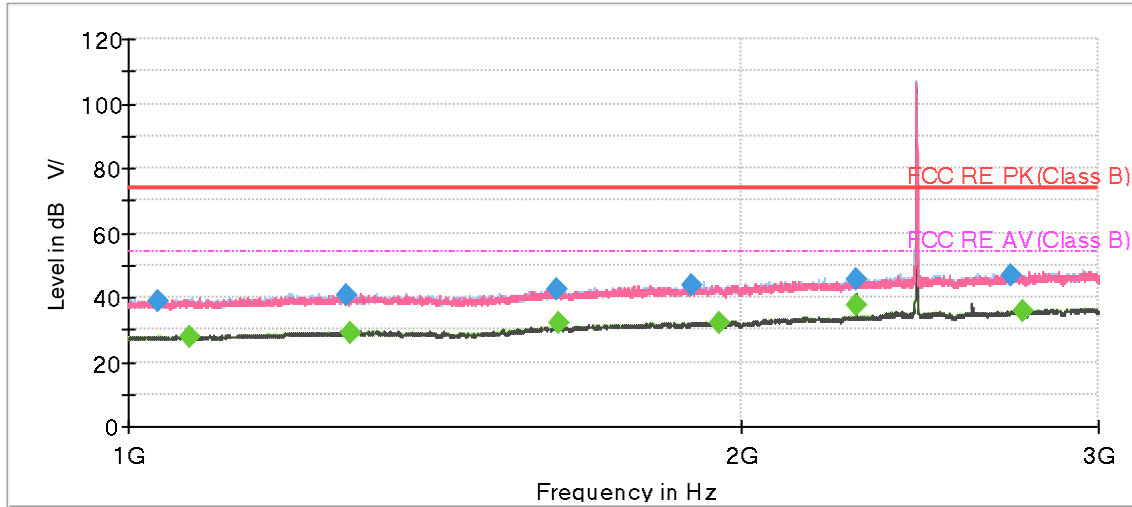
Radiates Emission from 1GHz to 3GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1000.50	46.60	---	74.00	27.40	500.00	100.0	V	335.00	3
1077.00	---	35.09	54.00	18.91	500.00	200.0	V	125.00	3
1404.75	---	35.30	54.00	18.70	500.00	100.0	V	346.00	4
1420.50	47.08	---	74.00	26.92	500.00	100.0	H	17.00	4
1679.75	---	35.12	54.00	18.88	500.00	200.0	V	60.00	5
1694.75	46.71	---	74.00	27.29	500.00	200.0	H	223.00	5
2024.75	47.69	---	74.00	26.31	500.00	200.0	H	249.00	6
2051.00	---	36.19	54.00	17.81	500.00	100.0	H	0.00	6
2364.25	48.74	---	74.00	25.26	500.00	200.0	V	234.00	7
2388.00	---	36.52	54.00	17.48	500.00	100.0	H	148.00	7
2561.00	50.25	---	74.00	23.75	500.00	200.0	V	25.00	8
2640.50	---	38.96	54.00	15.04	500.00	200.0	H	237.00	8



Radiates Emission from 3GHz to 18GHz

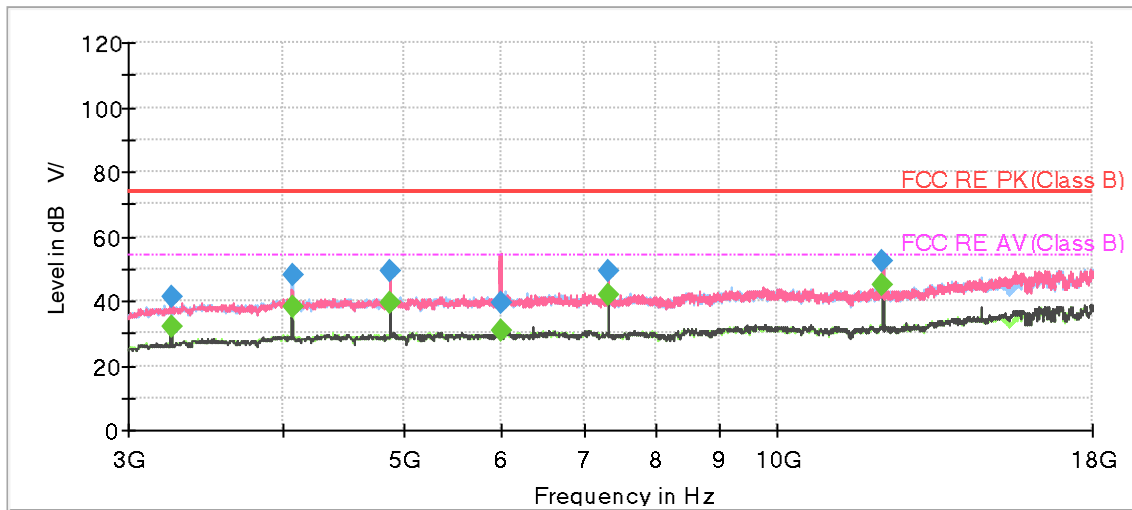
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3712.50	41.08	---	74.00	32.92	500.00	200.0	V	43.00	-6
3986.25	---	29.98	54.00	24.02	500.00	100.0	V	189.00	-5
5055.00	---	32.29	54.00	21.71	500.00	100.0	H	4.00	-2
5137.50	43.68	---	74.00	30.32	500.00	200.0	H	0.00	-2
7284.38	47.95	---	74.00	26.05	500.00	200.0	V	109.00	2
7286.25	---	37.35	54.00	16.65	500.00	200.0	H	333.00	2
8694.38	---	38.32	54.00	15.68	500.00	100.0	H	140.00	5
9840.00	49.22	---	74.00	24.78	500.00	200.0	H	315.00	5
11101.88	51.63	---	74.00	22.37	500.00	100.0	V	174.00	7
11103.75	---	40.26	54.00	13.74	500.00	200.0	H	1.00	7
13873.13	52.36	---	74.00	21.64	500.00	100.0	H	94.00	9
14400.00	---	40.64	54.00	13.36	500.00	200.0	V	2.00	9

WR341
Bluetooth LE-Channel 19


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)
1034.500000	38.73	---	74.00	35.27	500.0	200.0	H	228.0	-10.5
1073.250000	---	27.81	54.00	26.19	500.0	100.0	H	252.0	-10.3
1280.500000	40.91	---	74.00	33.09	500.0	200.0	V	14.0	-8.3
1285.500000	---	28.77	54.00	25.23	500.0	200.0	H	185.0	-8.3
1624.250000	42.43	---	74.00	31.57	500.0	200.0	H	323.0	-6.2
1626.500000	---	32.17	54.00	21.83	500.0	200.0	H	185.0	-6.2
1894.250000	43.41	---	74.00	30.59	500.0	100.0	H	126.0	-5.0
1951.500000	---	32.19	54.00	21.81	500.0	200.0	H	180.0	-4.7
2281.500000	---	37.48	54.00	16.52	500.0	100.0	V	62.0	-3.0
2281.500000	45.33	---	74.00	28.67	500.0	100.0	V	62.0	-3.0
2717.500000	46.75	---	74.00	27.25	500.0	100.0	V	165.0	-1.5
2751.500000	---	35.70	54.00	18.30	500.0	100.0	V	347.0	-1.5

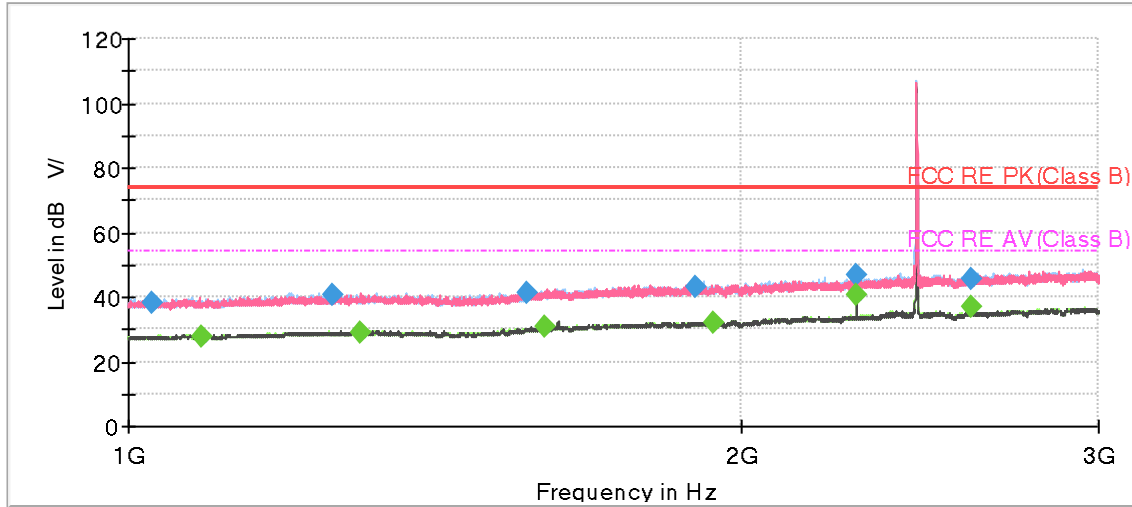


Radiates Emission from 3GHz to 18GHz

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3251.250000	---	31.98	54.00	22.02	500.0	100.0	V	129.0	-9.7
3251.250000	41.36	---	74.00	32.64	500.0	100.0	V	129.0	-9.7
4066.875000	---	38.36	54.00	15.64	500.0	100.0	H	96.0	-6.5
4066.875000	47.82	---	74.00	26.18	500.0	100.0	H	96.0	-6.5
4878.750000	49.49	---	74.00	24.51	500.0	200.0	V	37.0	-5.7
4880.625000	---	39.42	54.00	14.58	500.0	200.0	V	37.0	-5.7
5988.750000	39.36	---	74.00	34.64	500.0	200.0	V	269.0	-4.6
5998.125000	---	30.83	54.00	23.17	500.0	200.0	V	111.0	-4.5
7320.000000	---	41.58	54.00	12.42	500.0	200.0	V	111.0	-3.0
7320.000000	49.41	---	74.00	24.59	500.0	200.0	V	111.0	-3.0
12198.750000	---	44.64	54.00	9.36	500.0	200.0	H	0.0	0.4
12198.750000	52.55	---	74.00	21.45	500.0	200.0	H	0.0	0.4

WR342

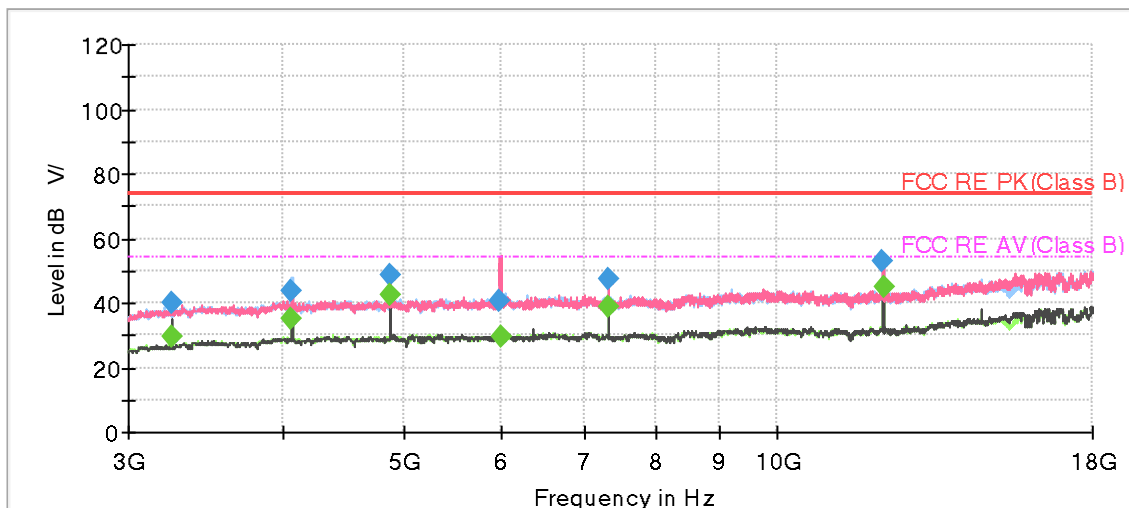
Bluetooth LE-Channel 19



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)
1026.250000	38.42	---	74.00	35.58	500.0	100.0	H	179.0	-10.6
1086.500000	---	27.79	54.00	26.21	500.0	100.0	H	208.0	-10.2
1259.500000	40.49	---	74.00	33.51	500.0	100.0	V	149.0	-8.5
1301.750000	---	28.86	54.00	25.14	500.0	100.0	H	0.0	-8.2
1570.250000	41.24	---	74.00	32.76	500.0	200.0	H	249.0	-6.6
1603.750000	---	30.69	54.00	23.31	500.0	200.0	H	11.0	-6.3
1901.250000	43.34	---	74.00	30.66	500.0	200.0	H	323.0	-5.0
1940.500000	---	31.87	54.00	22.13	500.0	100.0	H	274.0	-4.7
2280.000000	46.54	---	74.00	27.46	500.0	200.0	H	23.0	-3.0
2280.000000	---	40.35	54.00	13.65	500.0	200.0	H	23.0	-3.0
2600.000000	---	36.86	54.00	17.14	500.0	200.0	H	255.0	-2.0
2600.750000	45.77	---	74.00	28.23	500.0	100.0	V	187.0	-2.0



Radiates Emission from 3GHz to 18GHz

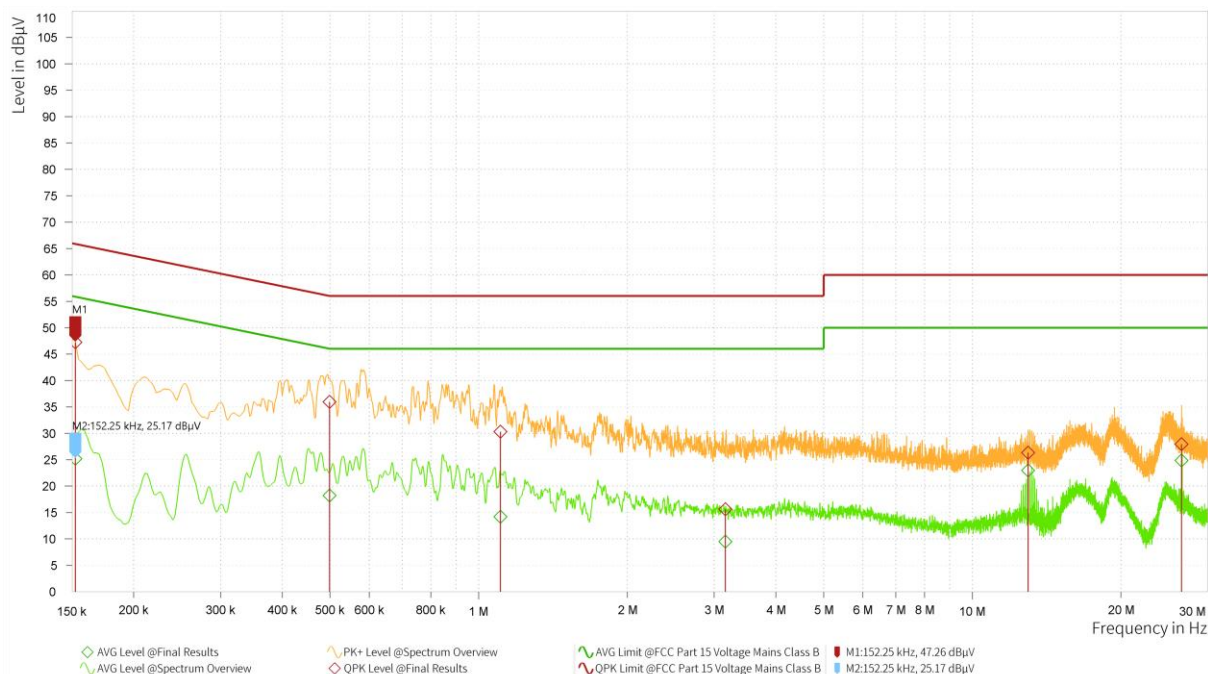
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3251.250000	---	29.83	54.00	24.17	500.0	200.0	H	44.0	-9.7
3251.250000	40.26	---	74.00	33.74	500.0	200.0	H	44.0	-9.7
4065.000000	43.50	---	74.00	30.50	500.0	200.0	V	99.0	-6.5
4065.000000	---	34.92	54.00	19.08	500.0	200.0	V	99.0	-6.5
4878.750000	---	42.56	54.00	11.44	500.0	100.0	H	78.0	-5.7
4878.750000	48.82	---	74.00	25.18	500.0	200.0	H	175.0	-5.7
5973.750000	40.36	---	74.00	33.64	500.0	200.0	H	194.0	-4.7
5990.625000	---	29.47	54.00	24.53	500.0	100.0	H	72.0	-4.5
7320.000000	47.24	---	74.00	26.76	500.0	100.0	H	132.0	-3.0
7320.000000	---	38.61	54.00	15.39	500.0	200.0	H	217.0	-3.0
12198.750000	52.74	---	74.00	21.26	500.0	100.0	V	75.0	0.4
12200.625000	---	44.82	54.00	9.18	500.0	100.0	V	75.0	0.4

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 was recorded in this report.

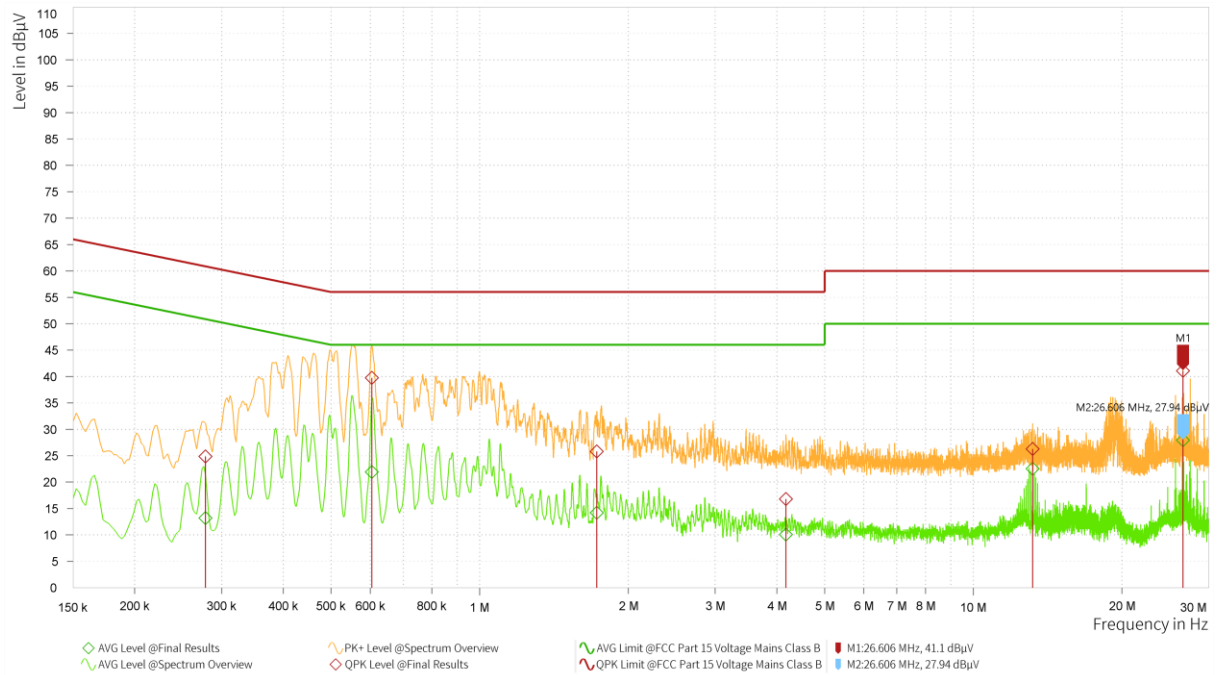
WR341



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]
0.152	47.26	65.88	18.62	25.17	55.88	30.71	20.90	L1	9.000	1.000
0.499	35.96	56.02	20.06	18.20	46.02	27.82	20.78	L1	9.000	1.000
1.106	30.31	56.00	25.69	14.17	46.00	31.83	20.08	L1	9.000	1.000
3.161	15.59	56.00	40.41	9.49	46.00	36.51	19.47	L1	9.000	1.000
12.982	26.33	60.00	33.67	22.97	50.00	27.03	19.45	L1	9.000	1.000
26.531	27.95	60.00	32.05	24.87	50.00	25.13	19.81	L1	9.000	1.000

Remark: Correct factor=cable loss + LISN factor

L line Conducted Emission from 150 kHz to 30 MHz

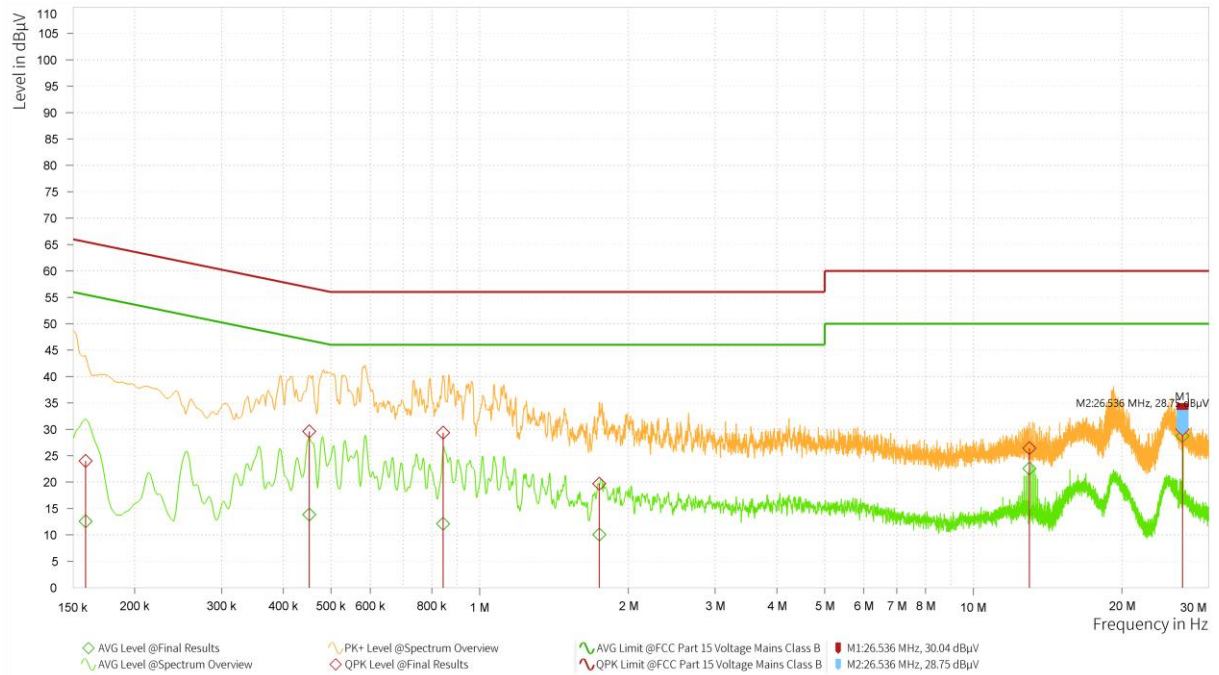


Frequency [MHz]	QPK Level [dBμV]	QPK Limit [dBμV]	QPK Margin [dB]	AVG Level [dBμV]	AVG Limit [dBμV]	AVG Margin [dB]	Correction [dB]	Line	Meas. BW [kHz]	Meas. Time [s]
0.278	24.85	60.87	36.02	13.21	50.87	37.66	20.96	N	9.000	1.000
0.605	39.75	56.00	16.25	21.91	46.00	24.09	20.68	N	9.000	1.000
1.727	25.82	56.00	30.18	14.17	46.00	31.83	19.75	N	9.000	1.000
4.173	16.79	56.00	39.21	10.03	46.00	35.97	19.43	N	9.000	1.000
13.189	26.29	60.00	33.71	22.51	50.00	27.49	19.48	N	9.000	1.000
26.606	41.10	60.00	18.90	27.94	50.00	22.06	19.88	N	9.000	1.000

Remark: Correct factor=cable loss + LISN factor

N line Conducted Emission from 150 kHz to 30 MHz

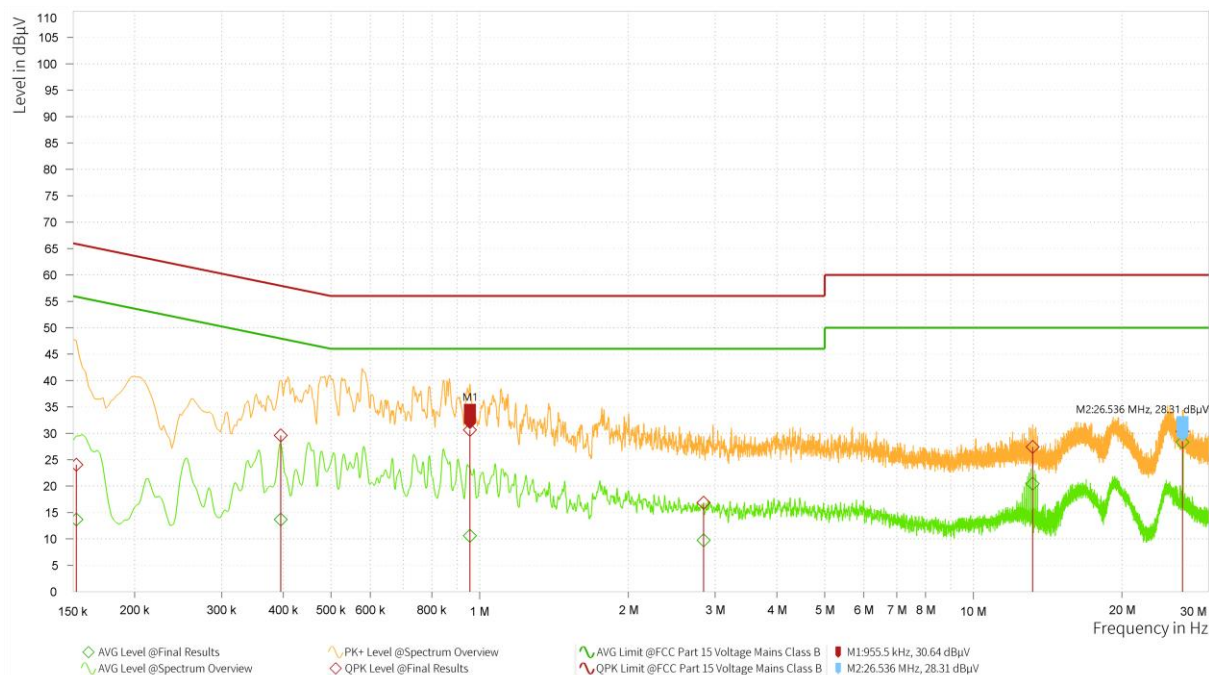
WR342



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]
0.159	24.01	65.52	41.50	12.59	55.52	42.93	20.90	L1	9.000	1.000
0.452	29.60	56.85	27.24	13.84	46.85	33.01	20.82	L1	9.000	1.000
0.843	29.37	56.00	26.63	12.11	46.00	33.89	20.29	L1	9.000	1.000
1.748	19.67	56.00	36.33	10.06	46.00	35.94	19.73	L1	9.000	1.000
12.984	26.44	60.00	33.56	22.57	50.00	27.43	19.45	L1	9.000	1.000
26.536	30.04	60.00	29.96	28.75	50.00	21.25	19.81	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 Limit [dBμV]	AVG Margin [dB]	Correction [dB]	Line	Meas. BW [kHz]	Meas. Time [s]
0.152	24.07	65.88	41.81	13.67	55.88	42.20	20.91	N	9.000	1.000
0.395	29.61	57.95	28.34	13.67	47.95	34.28	20.89	N	9.000	1.000
0.956	30.64	56.00	25.36	10.57	46.00	35.43	20.21	N	9.000	1.000
2.843	16.84	56.00	39.16	9.71	46.00	36.29	19.51	N	9.000	1.000
13.193	27.40	60.00	32.60	20.47	50.00	29.53	19.48	N	9.000	1.000
26.536	30.37	60.00	29.63	28.31	50.00	21.69	19.88	N	9.000	1.000

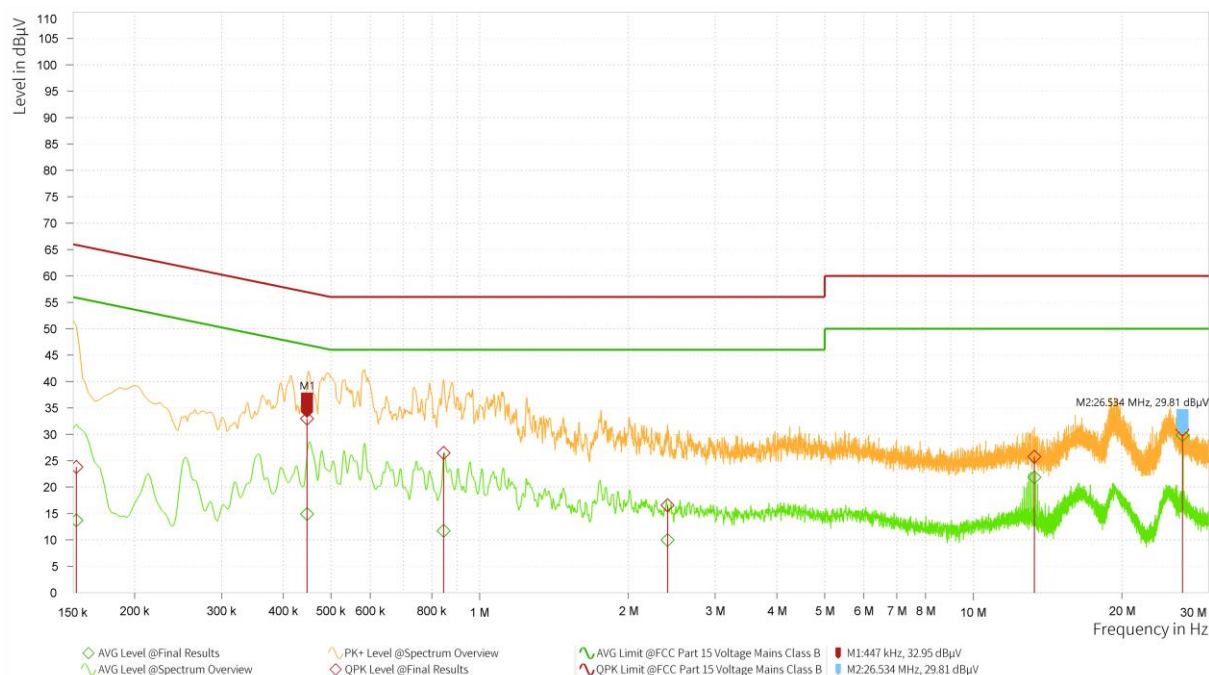
Remark: Correct factor=cable loss + LISN factor

N line Conducted Emission from 150 kHz to 30 MHz

2.2. 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.

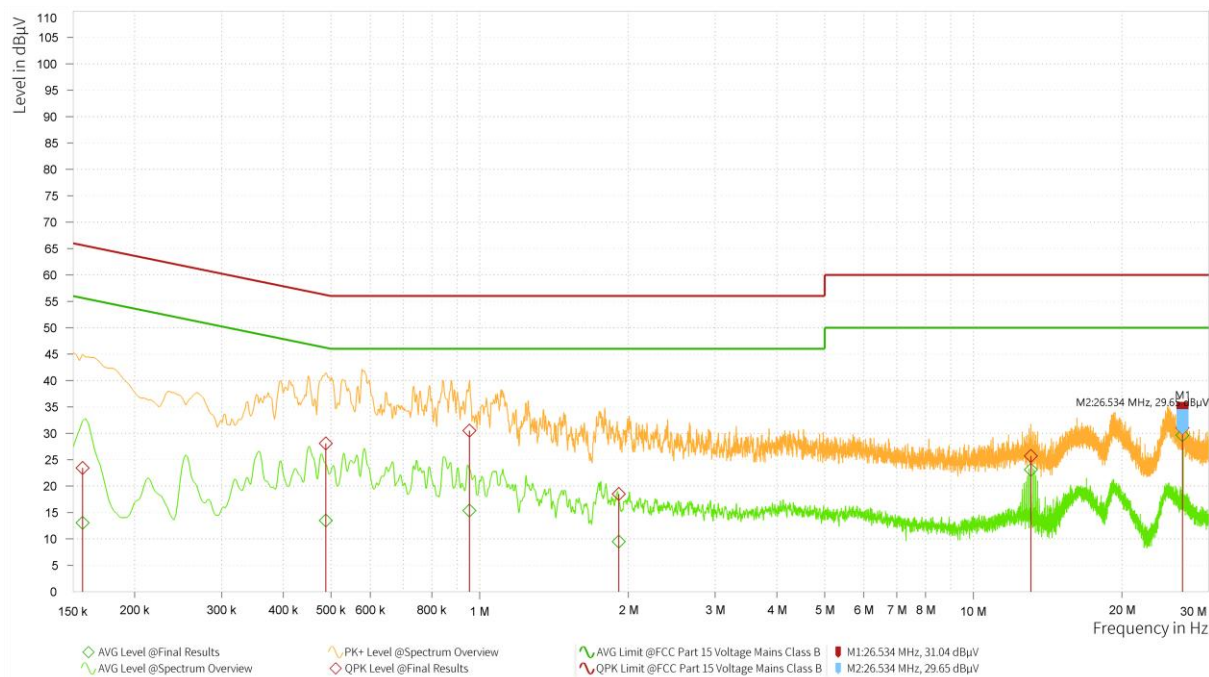
WR341



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]
0.152	23.82	65.88	42.05	13.69	55.88	42.19	20.90	L1	9.000	1.000
0.447	32.95	56.93	23.98	14.90	46.93	32.03	20.83	L1	9.000	1.000
0.845	26.48	56.00	29.52	11.70	46.00	34.30	20.29	L1	9.000	1.000
2.402	16.54	56.00	39.46	9.96	46.00	36.04	19.56	L1	9.000	1.000
13.292	25.74	60.00	34.26	21.89	50.00	28.11	19.46	L1	9.000	1.000
26.534	30.90	60.00	29.10	29.81	50.00	20.19	19.81	L1	9.000	1.000

Remark: Correct factor=cable loss + LISN factor

L line Conducted Emission from 150 kHz to 30 MHz

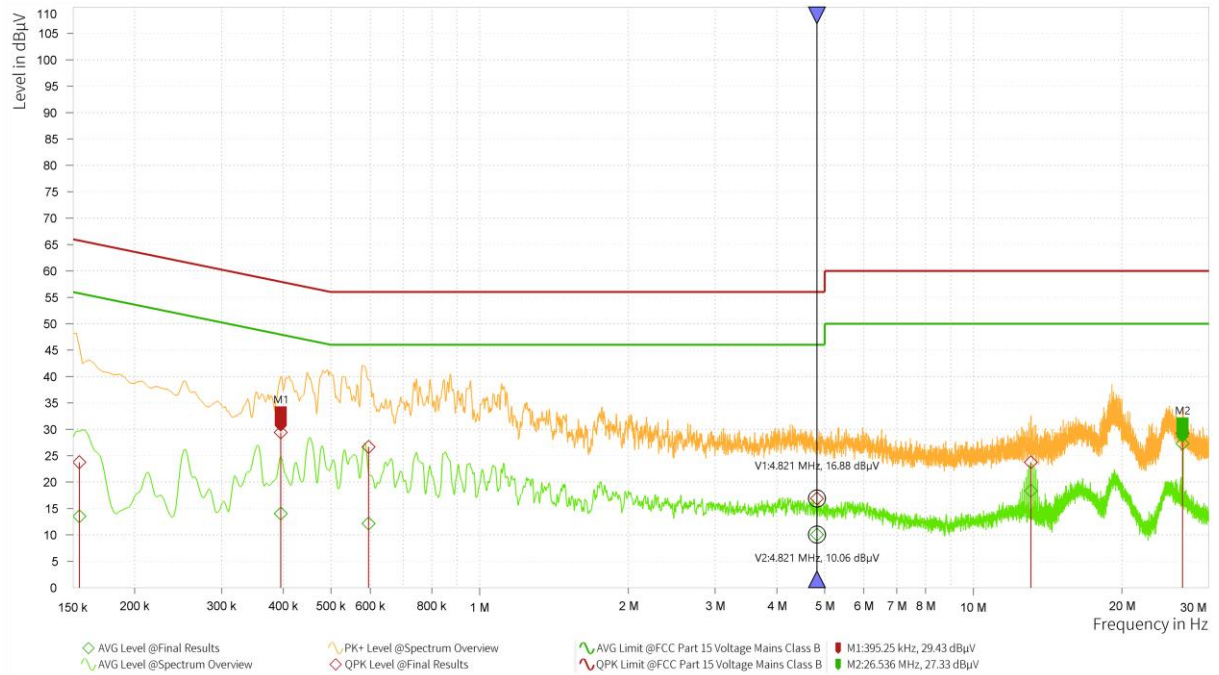


Frequency [MHz]	QPK Level [dBμV]	QPK Limit [dBμV]	QPK Margin [dB]	AVG Level [dBμV]	AVG Limit [dBμV]	AVG Margin [dB]	Correction [dB]	Line	Meas. BW [kHz]	Meas. Time [s]
0.157	23.44	65.63	42.20	13.03	55.63	42.60	20.91	N	9.000	1.000
0.488	28.10	56.21	28.11	13.49	46.21	32.72	20.80	N	9.000	1.000
0.953	30.50	56.00	25.50	15.38	46.00	30.62	20.21	N	9.000	1.000
1.914	18.51	56.00	37.49	9.47	46.00	36.53	19.68	N	9.000	1.000
13.085	25.69	60.00	34.31	23.09	50.00	26.91	19.48	N	9.000	1.000
26.534	31.04	60.00	28.96	29.65	50.00	20.35	19.88	N	9.000	1.000

Remark: Correct factor=cable loss + LISN factor

N line Conducted Emission from 150 kHz to 30 MHz

WR342



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]
0.155	23.78	65.75	41.97	13.53	55.75	42.23	20.90	L1	9.000	1.000
0.395	29.43	57.95	28.52	14.06	47.95	33.90	20.88	L1	9.000	1.000
0.596	26.66	56.00	29.34	12.15	46.00	33.85	20.68	L1	9.000	1.000
4.821	16.88	56.00	39.12	10.06	46.00	35.94	19.40	L1	9.000	1.000
13.090	23.77	60.00	36.23	18.33	50.00	31.67	19.45	L1	9.000	1.000
26.536	29.25	60.00	30.75	27.33	50.00	22.67	19.81	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 Limit [dBμV]	AVG Margin [dB]	Correction [dB]	Line	Meas. BW [kHz]	Meas. Time [s]
0.157	40.22	65.63	25.41	32.15	55.63	23.48	20.91	N	9.000	1.000
0.488	38.98	56.21	17.23	24.18	46.21	22.03	20.80	N	9.000	1.000
0.953	35.47	56.00	20.53	24.71	46.00	21.29	20.21	N	9.000	1.000
2.963	23.20	56.00	32.80	16.41	46.00	29.59	19.50	N	9.000	1.000
13.196	23.18	60.00	36.82	16.90	50.00	33.10	19.48	N	9.000	1.000
26.538	30.89	60.00	29.11	27.85	50.00	22.15	19.88	N	9.000	1.000

Remark: Correct factor=cable loss + LISN factor

N line Conducted Emission from 150 kHz to 30 MHz