

ANNEX A: Test Result

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

1. Unwanted Emission

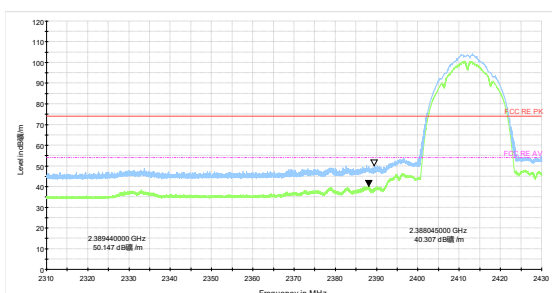
1.1. Wi-Fi 2.4GHz

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.

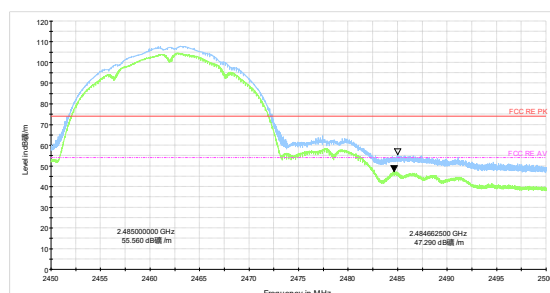
A symbol ($\text{dB}\mu\text{V/m}$) in the test plot below means ($\text{dB}\mu\text{V/m}$)

The modulation and bandwidth are similar for 802.11n mode for 20MHz/40MHz and 802.11ax mode for 20MHz/40MHz, therefore investigated worst case to representative mode in test report.

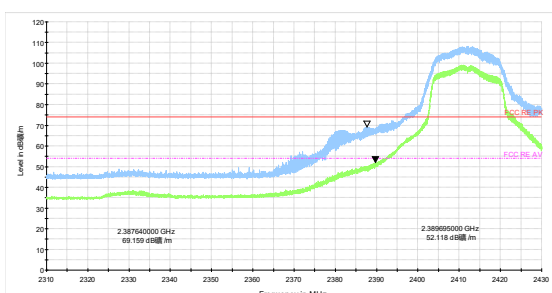
The signal beyond the limit is carrier.



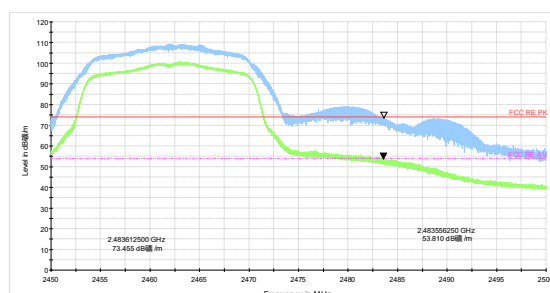
802.11b-Channel 1 Peak+ Average



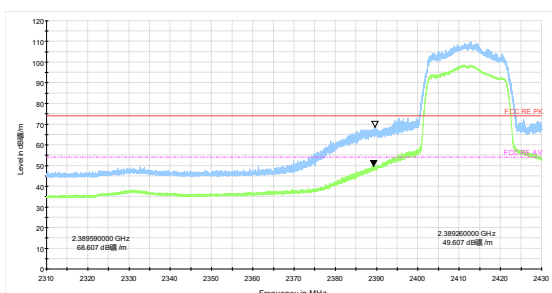
802.11b-Channel 11 Peak+ Average



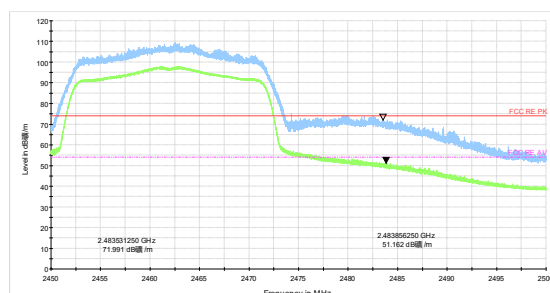
802.11g-Channel 1 Peak+ Average



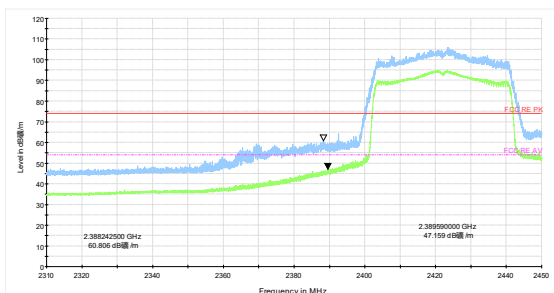
802.11g-Channel 11 Peak+ Average



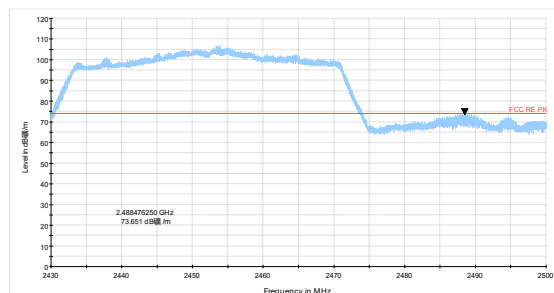
802.11ax HE20-Channel 1 Peak+ Average



802.11ax HE20-Channel 11 Peak+ Average

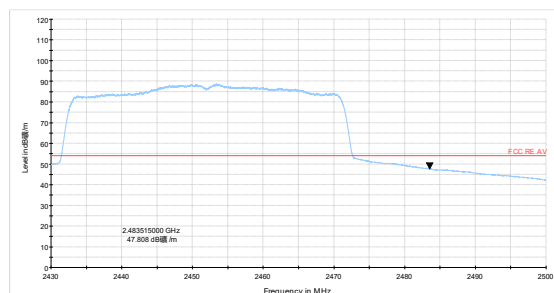


802.11ax HE40-Channel 3 Peak+ Average



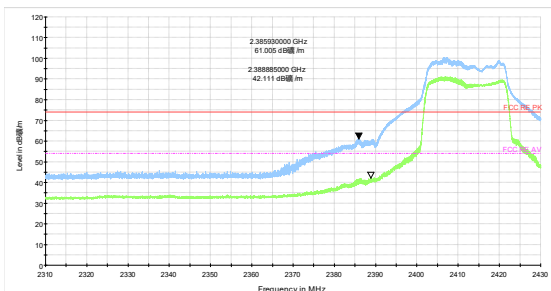
802.11ax HE40-Channel 9 Peak

/

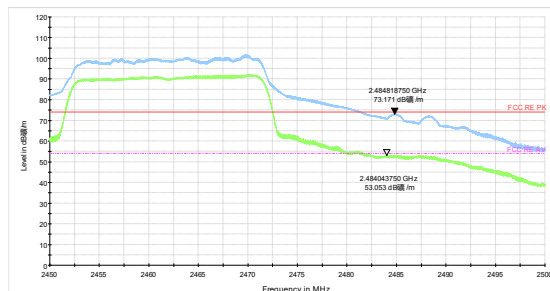


802.11ax HE40-Channel 9 Average

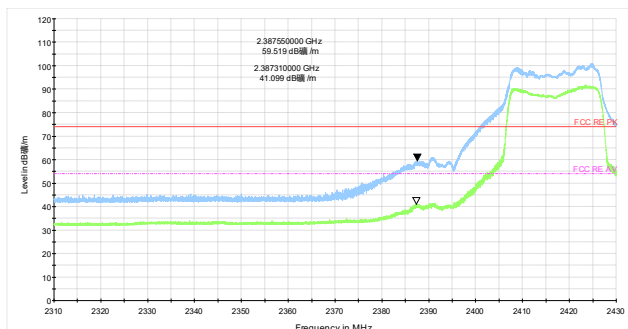
RU Mode



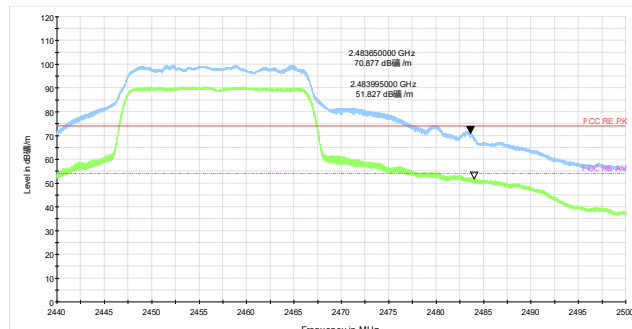
802.11ax HE20-242-Tone Channel 1 Peak+ Average



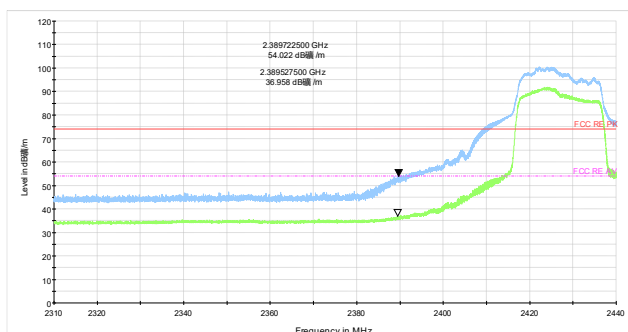
802.11ax HE20-242-Tone Channel 11 Peak+ Average



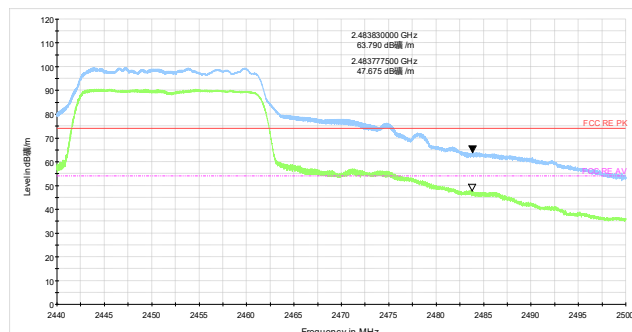
802.11ax HE20-242-Tone Channel 2 Peak+ Average



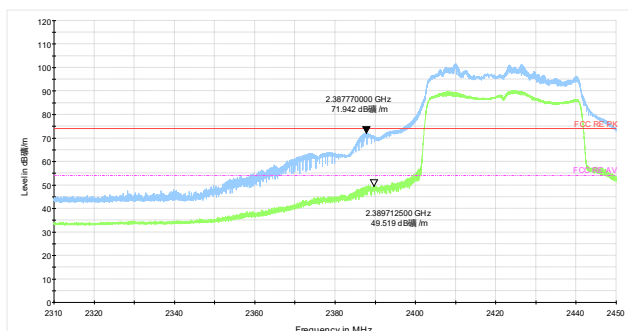
802.11ax HE20-242-Tone Channel 10 Peak+ Average



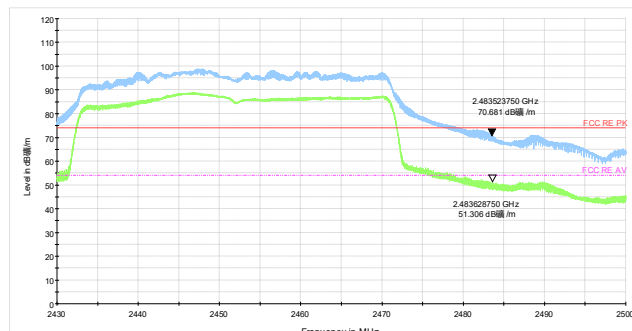
802.11ax HE20-242-Tone Channel 4 Peak+ Average



802.11ax HE20-242-Tone Channel 9 Peak+ Average



802.11ax HE40-484-Tone Channel 3 Peak+ Average



802.11ax HE40-484-Tone 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 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 coaxial and coplanar for 9k-30MHz; horizontal and vertical for above 30MHz by software.**
5. **For below 1GHz**

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

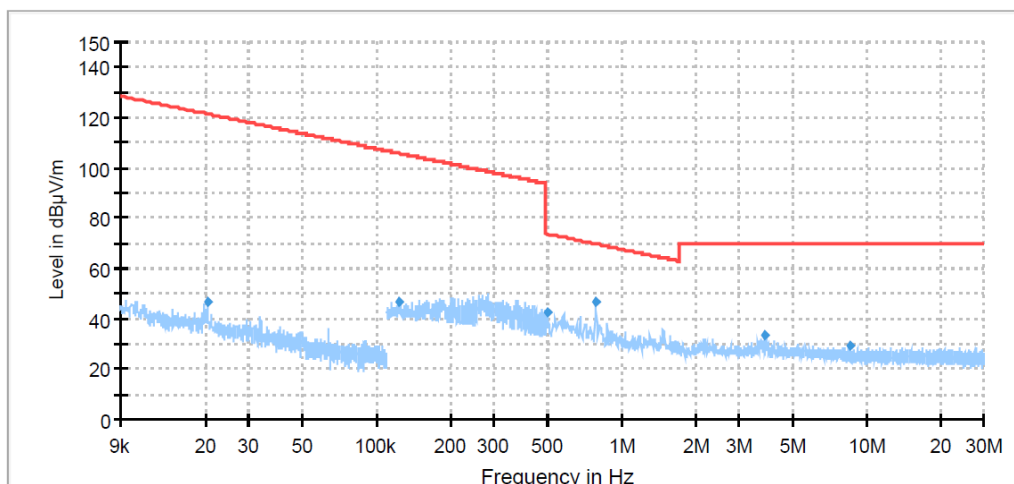
For above 1GHz

 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:

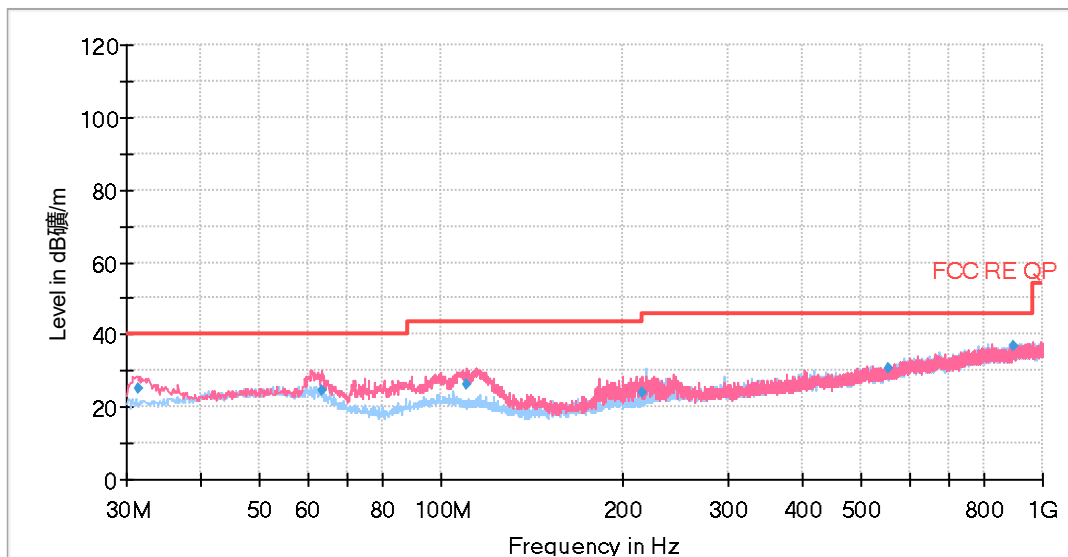
During the test, the Radiates Emission from 9kHz to 1GHz was performed in all modes with all channels, the test data of the worst-case condition (**802.11b CH6**) was recorded in this report.



Radiates Emission from 9kHz to 30MHz

Final Result

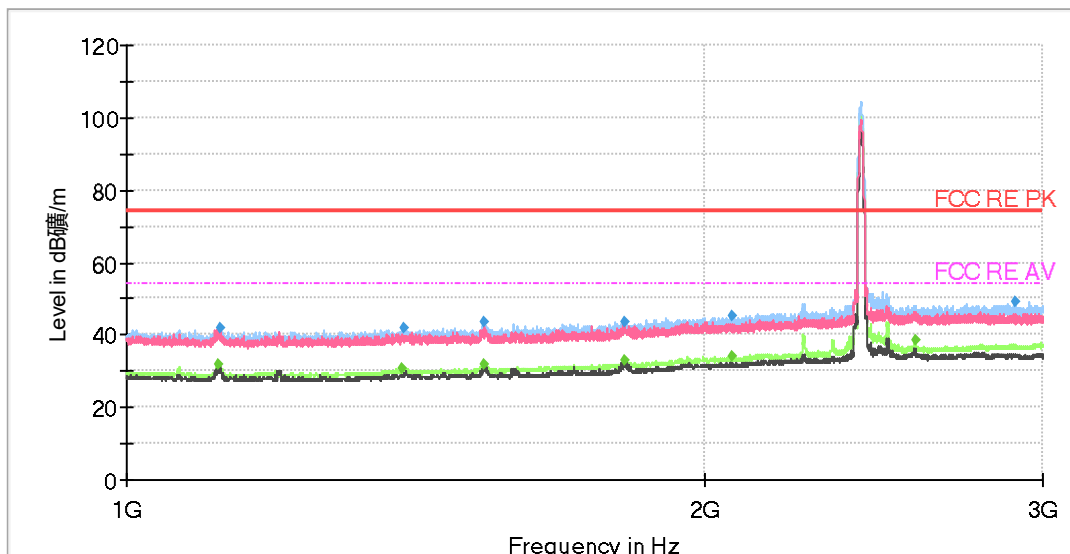
Frequency (MHz)	MaxPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Azimuth (deg)	Corr. (dB/m)
0.02	47.02	121.44	74.42	500.00	322.00	17
0.12	46.99	105.75	58.75	150.00	9.00	17
0.49	42.64	73.74	31.10	150.00	105.00	17
0.78	46.97	69.74	22.78	150.00	28.00	17
3.80	33.51	69.50	35.99	150.00	238.00	17
8.57	29.06	69.50	40.44	150.00	52.00	17



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)
31.33	24.97	40.00	15.03	100.0	V	352.00	17
63.47	24.72	40.00	15.28	100.0	V	88.00	18
110.27	26.02	43.50	17.48	100.0	V	282.00	18
215.76	24.27	43.50	19.23	100.0	V	352.00	18
552.95	30.93	46.00	15.07	100.0	V	2.00	26
895.60	36.78	46.00	9.22	100.0	H	154.00	31

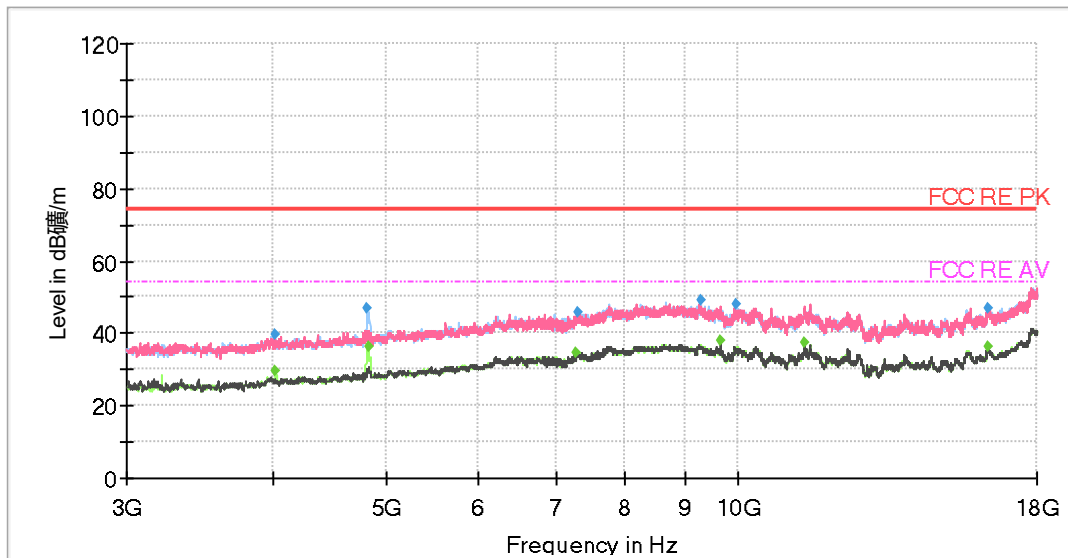
802.11b CH1



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

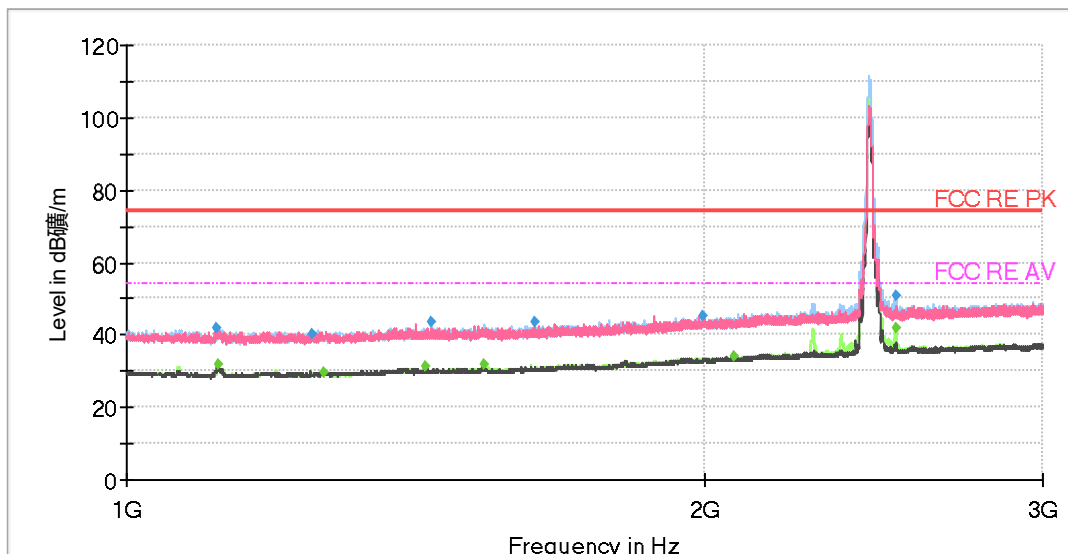
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1116.25	---	31.88	54.00	22.12	500.00	200.0	H	19.00	-12
1118.00	41.99	---	74.00	32.01	500.00	200.0	H	181.00	-12
1391.50	---	30.91	54.00	23.09	500.00	100.0	H	358.00	-11
1395.25	41.79	---	74.00	32.21	500.00	100.0	H	358.00	-11
1535.50	---	31.94	54.00	22.06	500.00	200.0	H	10.00	-11
1535.50	43.48	---	74.00	30.52	500.00	200.0	H	10.00	-11
1817.00	43.71	---	74.00	30.29	500.00	100.0	H	354.00	-9
1817.00	---	32.83	54.00	21.17	500.00	200.0	V	211.00	-9
2065.75	45.07	---	74.00	28.93	500.00	200.0	H	32.00	-8
2067.00	---	34.00	54.00	20.00	500.00	200.0	H	110.00	-8
2573.50	---	38.76	54.00	15.24	500.00	100.0	H	234.00	-5
2901.00	49.11	---	74.00	24.89	500.00	100.0	H	359.00	-5



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)
4018.13	39.40	---	74.00	34.60	500.00	100.0	H	0.00	-12
4023.75	---	29.47	54.00	24.53	500.00	100.0	H	356.00	-12
4816.88	47.09	---	74.00	26.91	500.00	100.0	H	299.00	-10
4826.25	---	36.38	54.00	17.62	500.00	100.0	H	299.00	-10
7263.75	---	34.45	54.00	19.55	500.00	100.0	V	12.00	-1
7280.63	46.00	---	74.00	28.00	500.00	100.0	V	12.00	-1
9277.50	49.13	---	74.00	24.87	500.00	200.0	H	38.00	1
9648.75	---	38.16	54.00	15.84	500.00	100.0	V	280.00	1
9945.00	47.92	---	74.00	26.08	500.00	200.0	H	148.00	1
11381.25	---	37.42	54.00	16.58	500.00	100.0	H	131.00	5
16329.38	46.93	---	74.00	27.07	500.00	200.0	V	0.00	8
16368.75	---	36.16	54.00	17.84	500.00	100.0	V	197.00	8

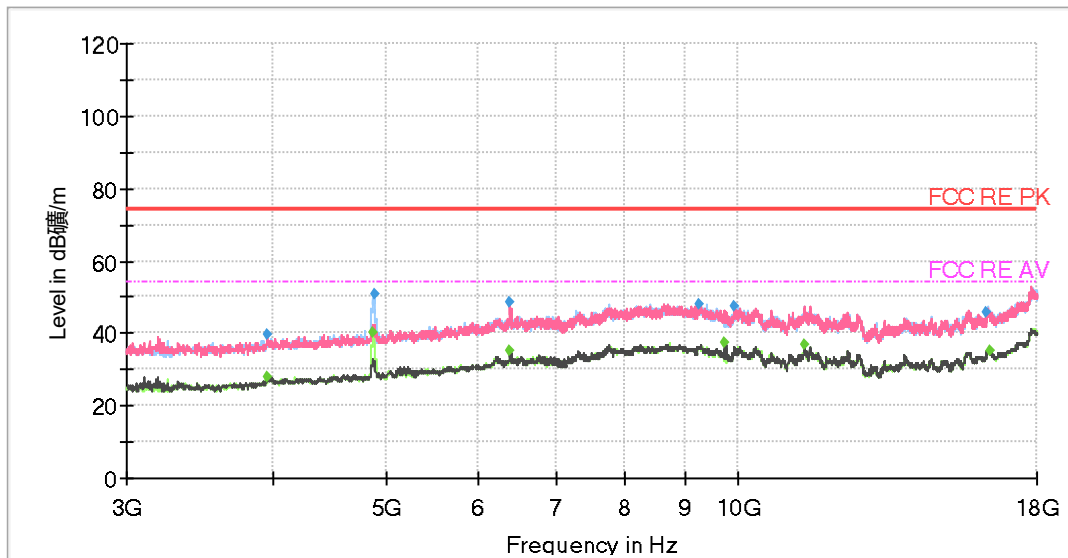
802.11b CH6



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

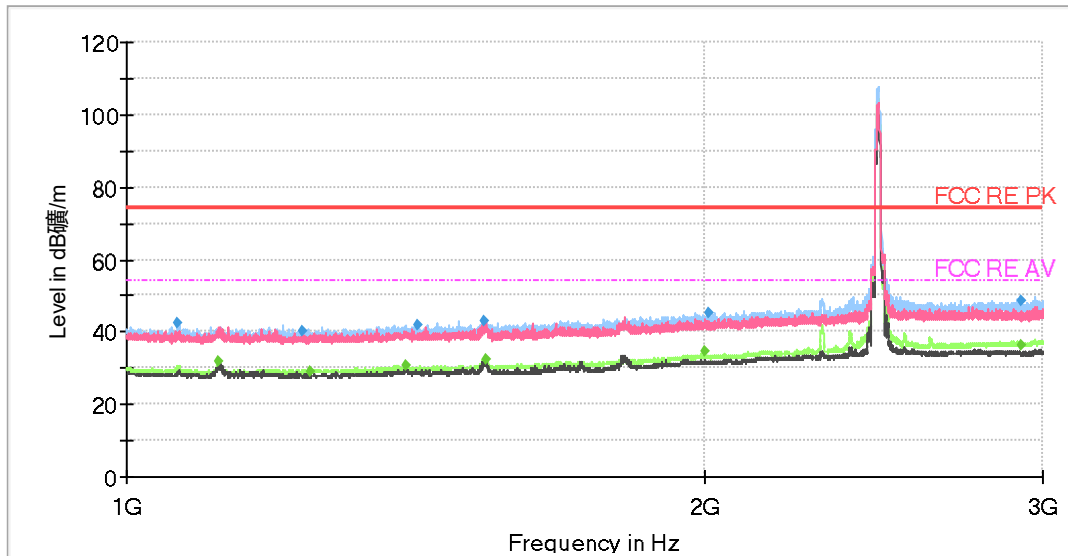
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1112.75	41.90	---	74.00	32.10	500.00	200.0	V	229.00	-12
1116.00	---	31.73	54.00	22.27	500.00	200.0	V	284.00	-12
1248.25	40.37	---	74.00	33.63	500.00	200.0	V	0.00	-12
1267.25	---	29.66	54.00	24.34	500.00	200.0	V	284.00	-11
1430.50	---	31.25	54.00	22.75	500.00	200.0	V	185.00	-11
1439.75	43.36	---	74.00	30.64	500.00	100.0	H	0.00	-11
1536.00	---	31.97	54.00	22.03	500.00	200.0	H	43.00	-11
1633.25	43.65	---	74.00	30.35	500.00	200.0	V	354.00	-10
1997.75	45.23	---	74.00	28.77	500.00	100.0	H	0.00	-8
2070.50	---	34.20	54.00	19.80	500.00	200.0	H	15.00	-8
2513.75	---	41.68	54.00	12.32	500.00	100.0	H	194.00	-6
2515.00	50.74	---	74.00	23.26	500.00	100.0	H	210.00	-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)
3958.13	---	28.13	54.00	25.87	500.00	200.0	H	103.00	-11
3961.88	39.43	---	74.00	34.57	500.00	200.0	V	0.00	-11
4876.88	---	40.05	54.00	13.95	500.00	100.0	H	288.00	-10
4880.63	50.94	---	74.00	23.06	500.00	100.0	H	288.00	-10
6378.75	---	35.20	54.00	18.80	500.00	100.0	V	72.00	-3
6380.63	48.70	---	74.00	25.30	500.00	100.0	V	72.00	-3
9238.13	48.25	---	74.00	25.75	500.00	200.0	V	215.00	2
9748.13	---	37.62	54.00	16.38	500.00	100.0	V	284.00	1
9931.88	47.69	---	74.00	26.31	500.00	100.0	V	4.00	1
11394.38	---	36.86	54.00	17.14	500.00	100.0	H	169.00	5
16305.00	45.62	---	74.00	28.38	500.00	200.0	H	298.00	8
16404.38	---	34.95	54.00	19.05	500.00	100.0	H	138.00	8

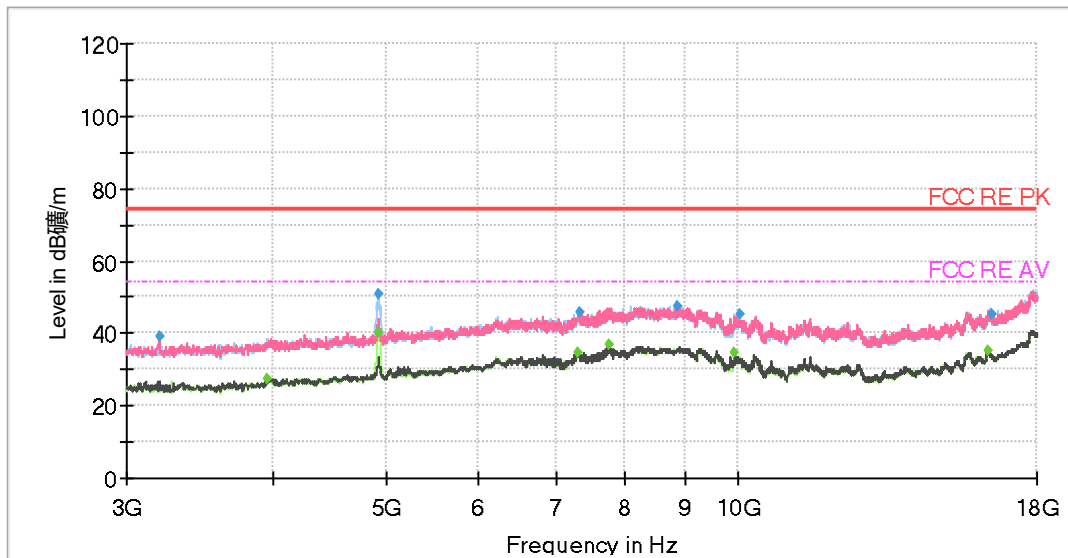
802.11b CH11



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

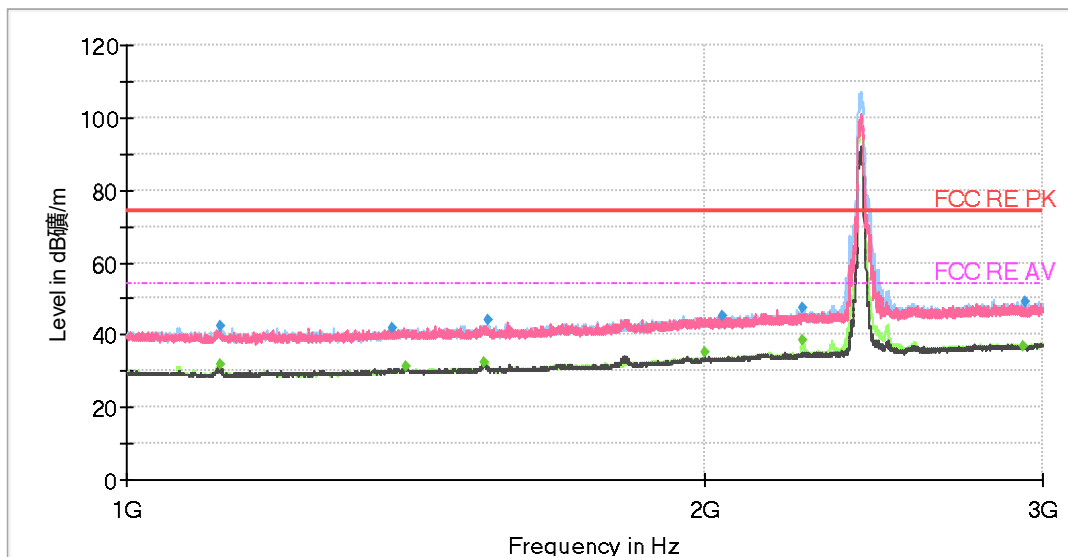
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1063.25	42.60	---	74.00	31.40	500.00	200.0	H	131.00	-12
1117.00	---	31.58	54.00	22.42	500.00	200.0	V	92.00	-12
1235.75	40.19	---	74.00	33.81	500.00	200.0	H	2.00	-12
1245.00	---	28.74	54.00	25.26	500.00	100.0	H	224.00	-12
1397.00	---	30.87	54.00	23.13	500.00	200.0	H	15.00	-11
1419.25	42.06	---	74.00	31.94	500.00	100.0	H	359.00	-11
1533.50	43.21	---	74.00	30.79	500.00	200.0	H	131.00	-11
1538.00	---	32.61	54.00	21.39	500.00	200.0	H	7.00	-11
2000.50	---	34.40	54.00	19.60	500.00	200.0	H	2.00	-8
2009.50	45.33	---	74.00	28.67	500.00	100.0	H	252.00	-8
2925.00	48.73	---	74.00	25.27	500.00	100.0	H	353.00	-5
2926.00	---	36.39	54.00	17.61	500.00	200.0	H	7.00	-5



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)
3196.88	38.80	---	74.00	35.20	500.00	100.0	V	41.00	-14
3961.88	---	27.51	54.00	26.49	500.00	100.0	H	263.00	-11
4923.75	50.58	---	74.00	23.42	500.00	100.0	H	291.00	-10
4925.63	---	40.06	54.00	13.94	500.00	100.0	H	291.00	-10
7297.50	---	34.34	54.00	19.66	500.00	100.0	V	76.00	0
7321.88	45.50	---	74.00	28.50	500.00	200.0	V	95.00	-1
7745.63	---	36.61	54.00	17.39	500.00	100.0	V	347.00	1
8865.00	47.56	---	74.00	26.44	500.00	200.0	V	6.00	1
9926.25	---	34.74	54.00	19.26	500.00	100.0	V	24.00	1
10033.13	45.18	---	74.00	28.82	500.00	200.0	H	205.00	2
16357.50	---	35.37	54.00	18.63	500.00	100.0	V	337.00	8
16505.63	45.22	---	74.00	28.78	500.00	200.0	V	264.00	8

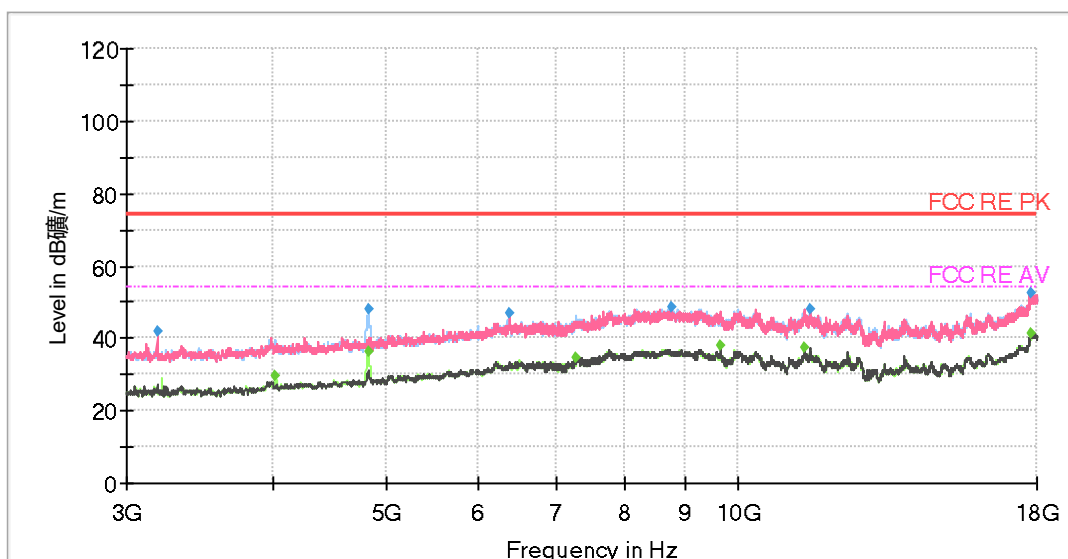
802.11g CH1



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

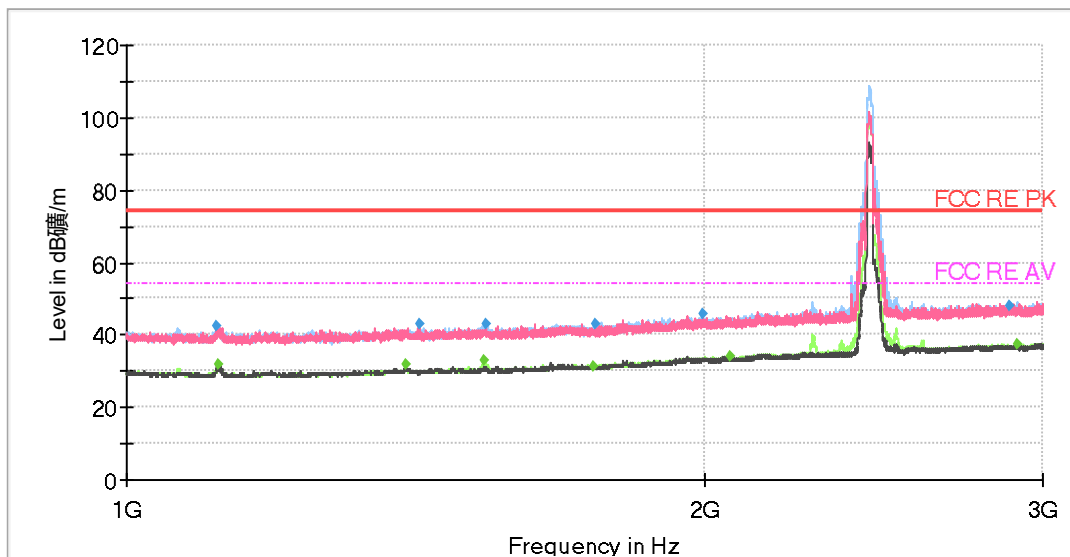
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1117.75	---	31.72	54.00	22.28	500.00	100.0	H	236.00	-12
1119.50	42.41	---	74.00	31.59	500.00	100.0	H	177.00	-12
1376.00	42.04	---	74.00	31.96	500.00	200.0	H	32.00	-11
1398.50	---	30.98	54.00	23.02	500.00	200.0	V	168.00	-11
1536.75	---	32.54	54.00	21.46	500.00	200.0	H	60.00	-11
1541.00	43.98	---	74.00	30.02	500.00	200.0	H	133.00	-11
2000.00	---	35.06	54.00	18.94	500.00	100.0	V	6.00	-8
2041.50	45.39	---	74.00	28.61	500.00	200.0	V	359.00	-8
2248.00	47.64	---	74.00	26.36	500.00	200.0	H	120.00	-7
2250.00	---	38.67	54.00	15.33	500.00	200.0	H	120.00	-7
2932.50	---	36.65	54.00	17.35	500.00	100.0	H	355.00	-5
2938.75	49.02	---	74.00	24.98	500.00	100.0	V	0.00	-5



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)
3189.38	42.07	---	74.00	31.93	500.00	200.0	V	143.00	-14
4018.13	---	29.42	54.00	24.58	500.00	100.0	H	355.00	-12
4826.25	---	36.11	54.00	17.89	500.00	100.0	H	295.00	-10
4828.13	48.15	---	74.00	25.85	500.00	100.0	H	305.00	-10
6380.63	47.13	---	74.00	26.87	500.00	200.0	V	358.00	-3
7263.75	---	34.63	54.00	19.37	500.00	100.0	V	0.00	-1
8765.63	48.28	---	74.00	25.72	500.00	100.0	V	32.00	1
9648.75	---	37.80	54.00	16.20	500.00	100.0	V	4.00	1
11394.38	---	37.44	54.00	16.56	500.00	100.0	V	17.00	5
11503.13	48.15	---	74.00	25.85	500.00	200.0	V	338.00	6
17821.88	52.64	---	74.00	21.36	500.00	100.0	H	333.00	15
17823.75	---	41.29	54.00	12.71	500.00	100.0	H	295.00	15

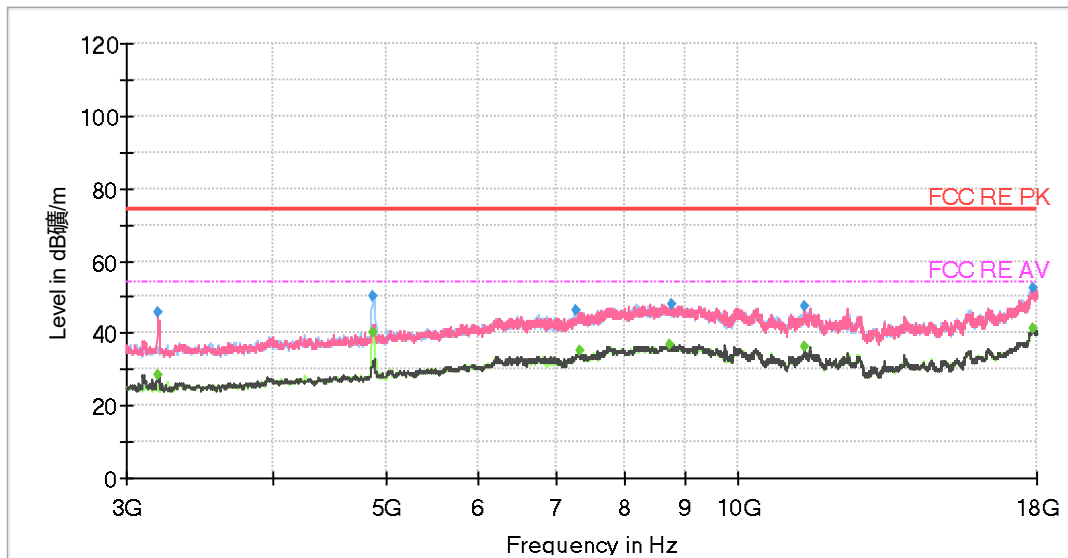
802.11g CH6



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

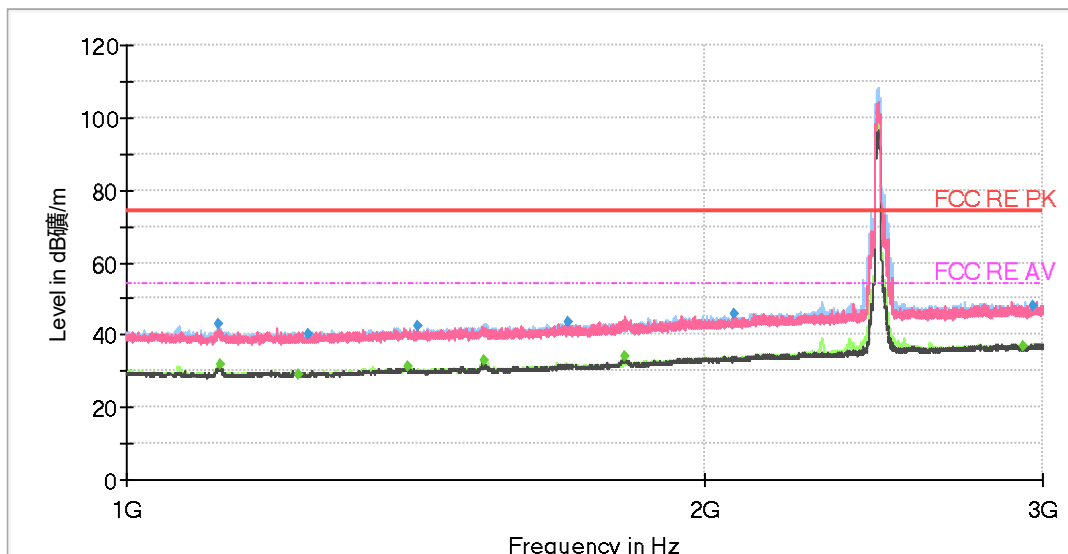
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1112.75	42.26	---	74.00	31.74	500.00	200.0	V	228.00	-12
1117.50	---	31.82	54.00	22.18	500.00	200.0	V	228.00	-12
1398.75	---	31.56	54.00	22.44	500.00	200.0	V	242.00	-11
1421.00	42.79	---	74.00	31.21	500.00	200.0	V	214.00	-11
1534.00	---	32.79	54.00	21.21	500.00	200.0	H	118.00	-11
1537.25	43.09	---	74.00	30.91	500.00	200.0	H	133.00	-11
1749.50	---	31.17	54.00	22.83	500.00	100.0	H	294.00	-10
1755.75	42.77	---	74.00	31.23	500.00	200.0	H	4.00	-10
1994.50	45.61	---	74.00	28.39	500.00	200.0	V	284.00	-8
2062.50	---	34.19	54.00	19.81	500.00	200.0	H	35.00	-8
2880.50	47.99	---	74.00	26.01	500.00	100.0	H	210.00	-5
2909.00	---	37.50	54.00	16.50	500.00	100.0	H	225.00	-5



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)
3187.50	---	28.70	54.00	25.30	500.00	200.0	V	135.00	-14
3187.50	45.85	---	74.00	28.15	500.00	200.0	V	135.00	-14
4878.75	---	39.93	54.00	14.07	500.00	100.0	H	293.00	-10
4878.75	50.04	---	74.00	23.96	500.00	100.0	H	293.00	-10
7267.50	46.10	---	74.00	27.90	500.00	200.0	H	298.00	-1
7306.88	---	35.21	54.00	18.79	500.00	100.0	V	282.00	-1
8731.88	---	36.93	54.00	17.07	500.00	200.0	H	8.00	2
8771.25	48.17	---	74.00	25.83	500.00	100.0	V	108.00	1
11381.25	---	36.53	54.00	17.47	500.00	100.0	V	1.00	5
11394.38	47.22	---	74.00	26.78	500.00	100.0	V	25.00	5
17833.13	52.34	---	74.00	21.66	500.00	200.0	H	145.00	15
17840.63	---	41.04	54.00	12.96	500.00	100.0	V	221.00	15

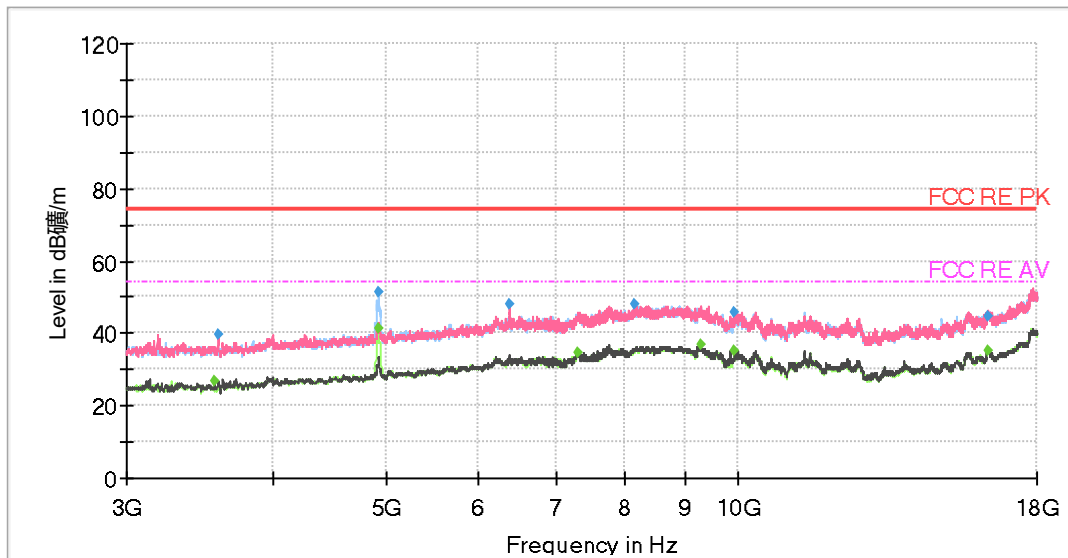
802.11g CH11



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

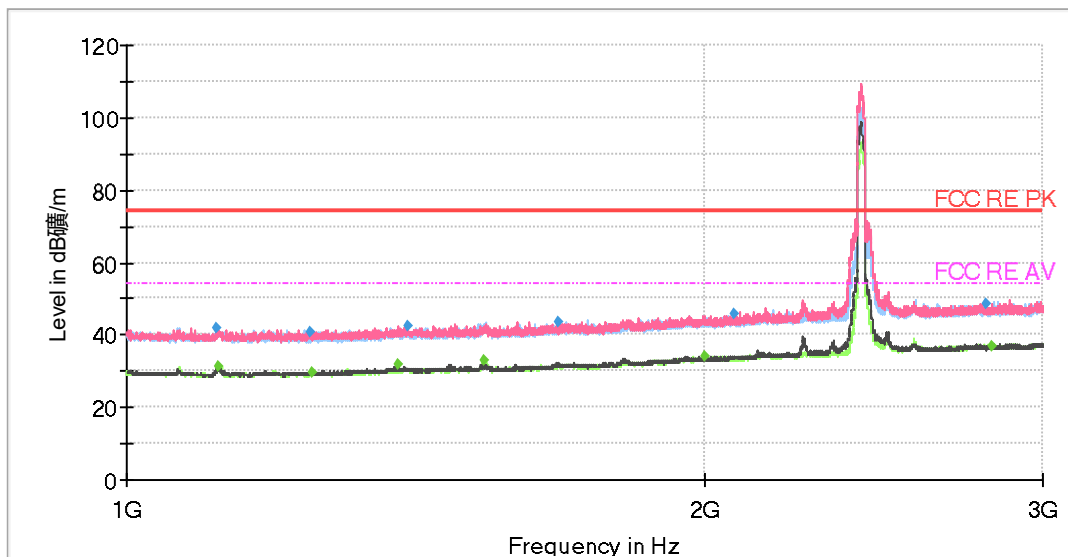
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1117.00	43.12	---	74.00	30.88	500.00	200.0	H	178.00	-12
1117.75	---	31.73	54.00	22.27	500.00	200.0	V	243.00	-12
1229.75	---	28.98	54.00	25.02	500.00	100.0	H	144.00	-12
1243.25	39.92	---	74.00	34.08	500.00	200.0	V	137.00	-12
1400.25	---	31.15	54.00	22.85	500.00	200.0	V	2.00	-11
1417.00	42.34	---	74.00	31.66	500.00	200.0	V	64.00	-11
1535.50	---	33.00	54.00	21.00	500.00	100.0	H	130.00	-11
1699.75	43.40	---	74.00	30.60	500.00	200.0	V	20.00	-10
1818.25	---	34.24	54.00	19.76	500.00	200.0	V	6.00	-9
2072.00	45.68	---	74.00	28.32	500.00	100.0	H	130.00	-8
2929.00	---	36.89	54.00	17.11	500.00	200.0	H	332.00	-5
2963.00	48.25	---	74.00	25.75	500.00	200.0	H	348.00	-5



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)
3564.38	---	26.85	54.00	27.15	500.00	100.0	V	66.00	-14
3590.63	39.79	---	74.00	34.21	500.00	100.0	V	66.00	-14
4925.63	---	41.06	54.00	12.94	500.00	100.0	H	288.00	-10
4927.50	51.54	---	74.00	22.46	500.00	100.0	H	288.00	-10
6376.88	47.94	---	74.00	26.06	500.00	100.0	V	13.00	-3
7280.63	---	34.84	54.00	19.16	500.00	100.0	H	358.00	-1
8150.63	48.03	---	74.00	25.97	500.00	200.0	H	43.00	1
9277.50	---	36.75	54.00	17.25	500.00	100.0	V	8.00	1
9922.50	45.93	---	74.00	28.07	500.00	100.0	H	214.00	1
9933.75	---	35.39	54.00	18.61	500.00	100.0	V	18.00	1
16338.75	---	35.29	54.00	18.71	500.00	200.0	H	80.00	8
16370.63	44.57	---	74.00	29.43	500.00	100.0	H	214.00	8

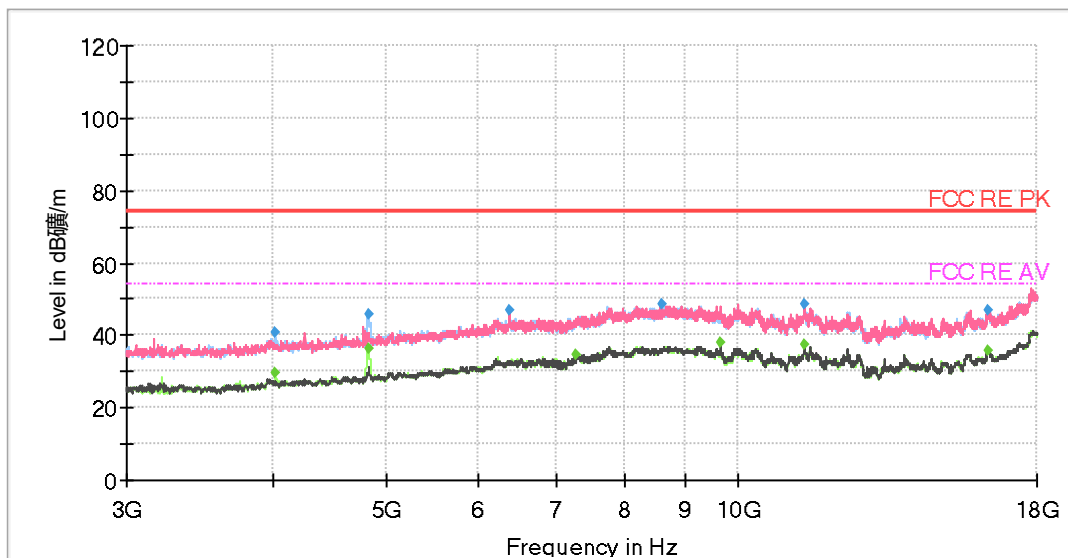
802.11ax HE20 CH 1



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

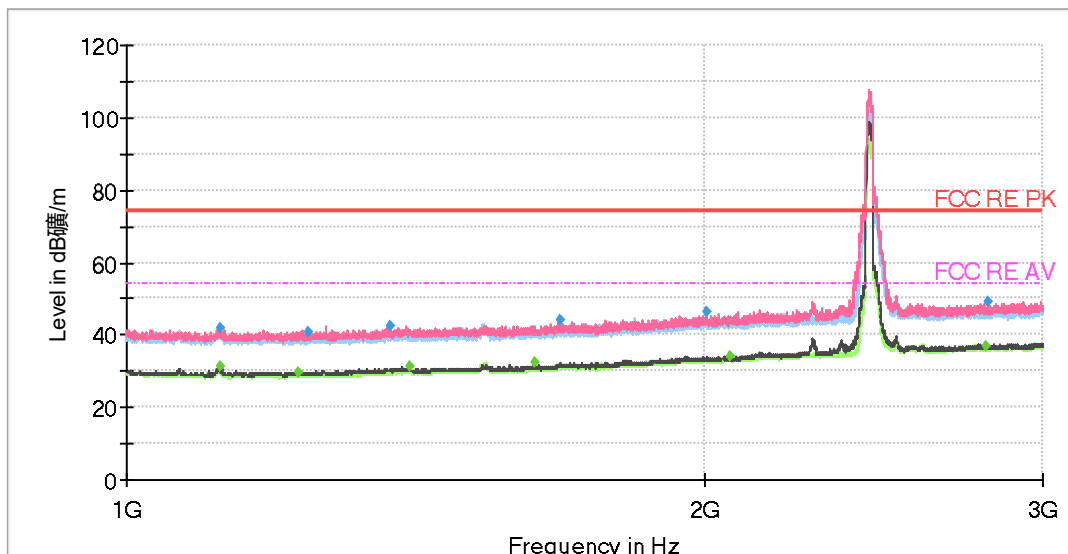
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1114.50	41.73	---	74.00	32.27	500.00	100.0	H	100.00	-12
1117.50	---	31.39	54.00	22.61	500.00	200.0	H	231.00	-12
1247.25	41.02	---	74.00	32.98	500.00	200.0	V	20.00	-12
1248.75	---	29.41	54.00	24.59	500.00	200.0	V	52.00	-12
1384.75	---	32.00	54.00	22.00	500.00	200.0	V	180.00	-11
1400.25	42.21	---	74.00	31.79	500.00	200.0	V	20.00	-11
1534.75	---	33.09	54.00	20.91	500.00	100.0	H	155.00	-11
1677.00	43.48	---	74.00	30.52	500.00	100.0	V	275.00	-10
1999.00	---	34.20	54.00	19.80	500.00	100.0	V	0.00	-8
2073.50	45.95	---	74.00	28.05	500.00	100.0	H	0.00	-8
2805.25	48.53	---	74.00	25.47	500.00	200.0	H	341.00	-5
2820.50	---	36.87	54.00	17.13	500.00	200.0	H	175.00	-5



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)
4018.13	40.69	---	74.00	33.31	500.00	100.0	H	0.00	-12
4020.00	---	29.74	54.00	24.26	500.00	100.0	H	358.00	-12
4826.25	---	36.12	54.00	17.88	500.00	100.0	H	296.00	-10
4826.25	45.75	---	74.00	28.25	500.00	200.0	H	295.00	-10
6376.88	46.64	---	74.00	27.36	500.00	100.0	V	190.00	-3
7263.75	---	34.50	54.00	19.50	500.00	100.0	V	1.00	-1
8611.88	48.66	---	74.00	25.34	500.00	100.0	V	25.00	1
9648.75	---	37.79	54.00	16.21	500.00	100.0	V	4.00	1
11392.50	48.65	---	74.00	25.35	500.00	200.0	V	249.00	5
11394.38	---	37.33	54.00	16.67	500.00	100.0	V	0.00	5
16342.50	46.90	---	74.00	27.10	500.00	200.0	H	23.00	8
16368.75	---	35.56	54.00	18.44	500.00	200.0	H	134.00	8

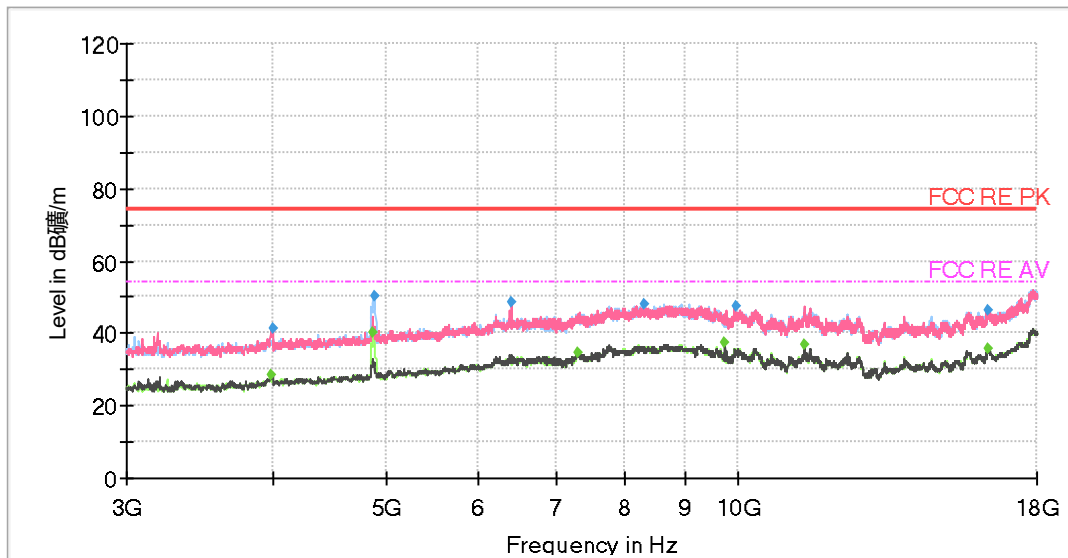
802.11ax HE20 CH6



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

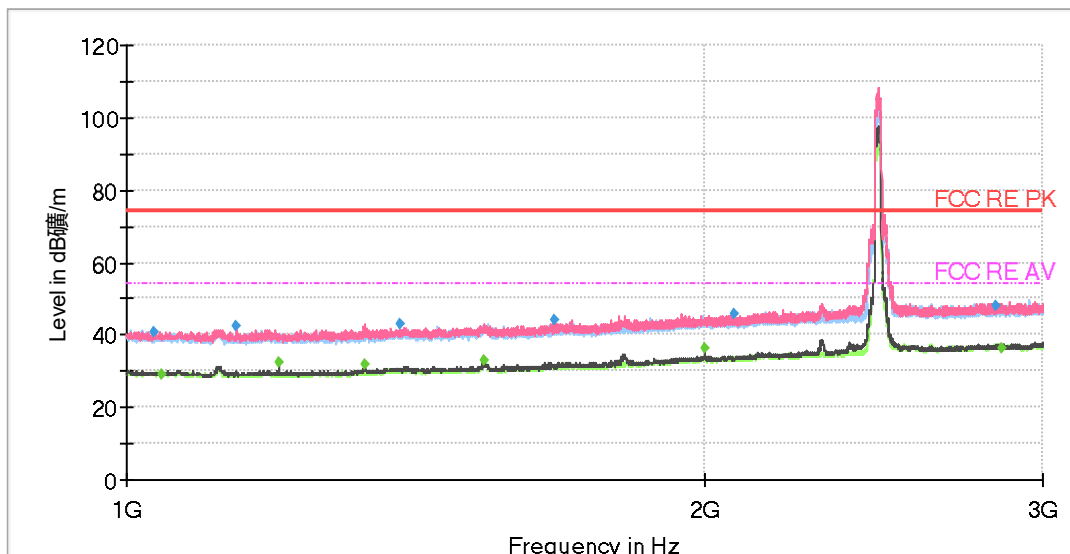
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1118.25	41.61	---	74.00	32.39	500.00	200.0	V	97.00	-12
1119.25	---	31.25	54.00	22.75	500.00	200.0	V	239.00	-12
1229.50	---	29.52	54.00	24.48	500.00	200.0	V	3.00	-12
1242.75	40.62	---	74.00	33.38	500.00	100.0	H	0.00	-12
1371.50	42.49	---	74.00	31.51	500.00	100.0	V	356.00	-11
1403.75	---	31.15	54.00	22.85	500.00	200.0	V	0.00	-11
1630.75	---	32.43	54.00	21.57	500.00	200.0	V	267.00	-10
1682.25	43.88	---	74.00	30.12	500.00	200.0	V	25.00	-10
2003.50	46.35	---	74.00	27.65	500.00	100.0	V	358.00	-8
2062.00	---	34.16	54.00	19.84	500.00	100.0	V	0.00	-8
2802.75	---	36.67	54.00	17.33	500.00	200.0	V	49.00	-5
2809.50	48.96	---	74.00	25.04	500.00	100.0	V	0.00	-5



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)
3991.88	---	28.53	54.00	25.47	500.00	200.0	V	134.00	-11
3997.50	41.53	---	74.00	32.47	500.00	200.0	V	134.00	-11
4878.75	---	40.26	54.00	13.74	500.00	100.0	H	282.00	-10
4880.63	50.19	---	74.00	23.81	500.00	100.0	H	296.00	-10
6391.88	48.45	---	74.00	25.55	500.00	100.0	V	67.00	-3
7305.00	---	34.60	54.00	19.40	500.00	100.0	V	251.00	-1
8311.88	47.86	---	74.00	26.14	500.00	200.0	H	18.00	1
9748.13	---	37.39	54.00	16.61	500.00	100.0	V	266.00	1
9941.25	47.66	---	74.00	26.34	500.00	100.0	H	0.00	1
11394.38	---	36.65	54.00	17.35	500.00	100.0	V	3.00	5
16342.50	---	35.57	54.00	18.43	500.00	100.0	H	225.00	8
16372.50	46.48	---	74.00	27.52	500.00	200.0	H	0.00	8

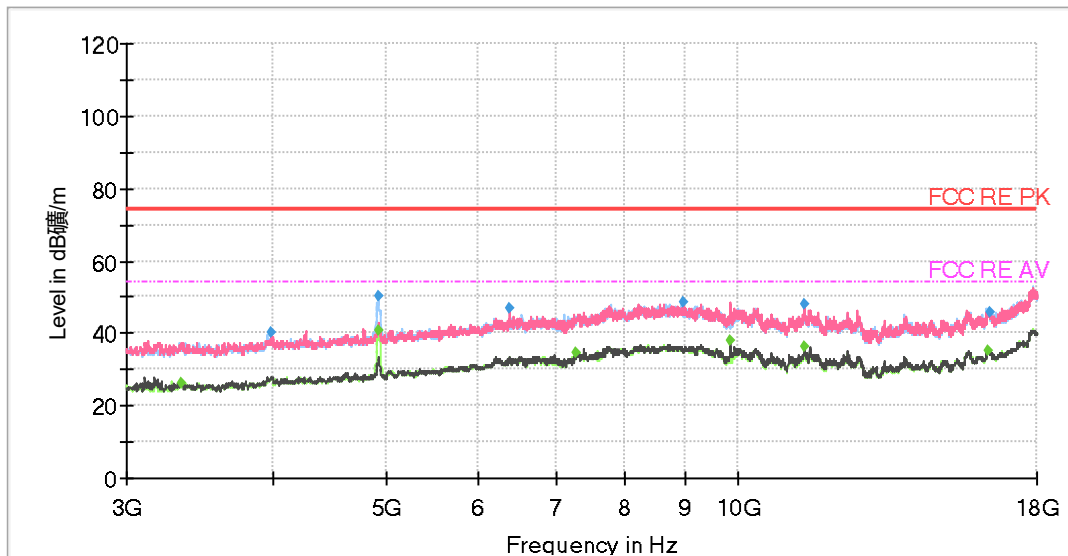
802.11ax HE20 CH11



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

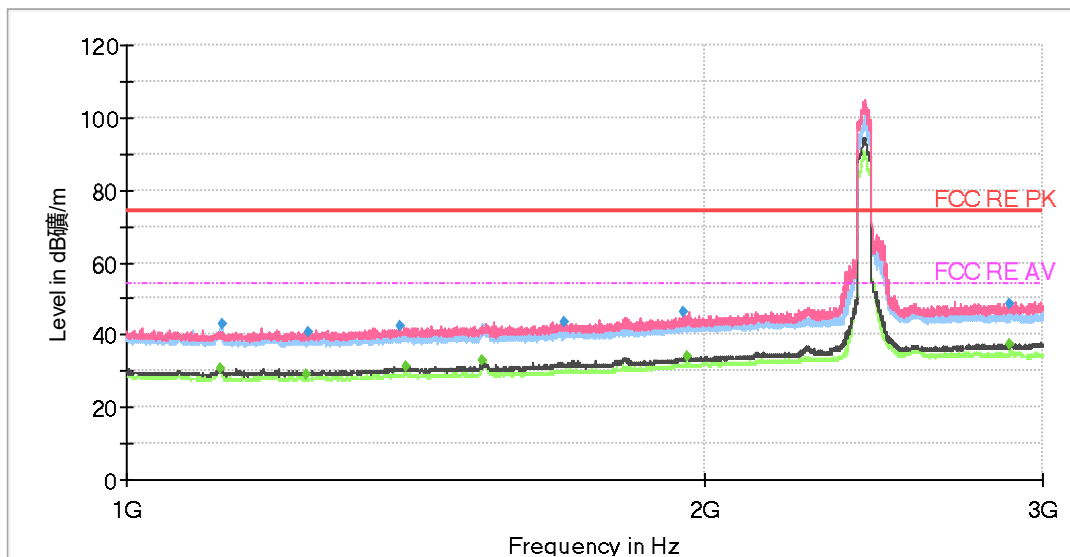
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1033.75	40.84	---	74.00	33.16	500.00	100.0	V	0.00	-12
1043.75	---	28.89	54.00	25.12	500.00	100.0	H	27.00	-12
1141.50	42.20	---	74.00	31.80	500.00	200.0	V	231.00	-12
1199.75	---	32.29	54.00	21.71	500.00	200.0	V	91.00	-12
1331.00	---	31.76	54.00	22.24	500.00	200.0	V	148.00	-11
1387.50	42.73	---	74.00	31.27	500.00	200.0	H	357.00	-11
1536.75	---	32.85	54.00	21.15	500.00	100.0	H	130.00	-11
1672.00	43.98	---	74.00	30.02	500.00	200.0	V	21.00	-10
1999.75	---	36.32	54.00	17.68	500.00	200.0	V	91.00	-8
2073.75	45.74	---	74.00	28.26	500.00	100.0	H	0.00	-8
2838.75	47.90	---	74.00	26.10	500.00	200.0	V	27.00	-5
2854.50	---	36.41	54.00	17.59	500.00	100.0	H	20.00	-5



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)
3337.50	---	26.27	54.00	27.73	500.00	100.0	V	0.00	-13
3982.50	40.24	---	74.00	33.76	500.00	200.0	V	84.00	-11
4923.75	---	40.70	54.00	13.30	500.00	100.0	H	289.00	-10
4925.63	50.03	---	74.00	23.97	500.00	100.0	H	289.00	-10
6378.75	46.85	---	74.00	27.15	500.00	200.0	V	69.00	-3
7263.75	---	34.81	54.00	19.19	500.00	200.0	V	355.00	-1
8983.13	48.69	---	74.00	25.31	500.00	200.0	V	84.00	1
9847.50	---	37.98	54.00	16.02	500.00	100.0	V	279.00	1
11381.25	---	36.51	54.00	17.49	500.00	200.0	H	3.00	5
11396.25	47.80	---	74.00	26.20	500.00	100.0	H	358.00	5
16335.00	---	35.42	54.00	18.58	500.00	200.0	H	15.00	8
16434.38	45.74	---	74.00	28.26	500.00	200.0	H	119.00	8

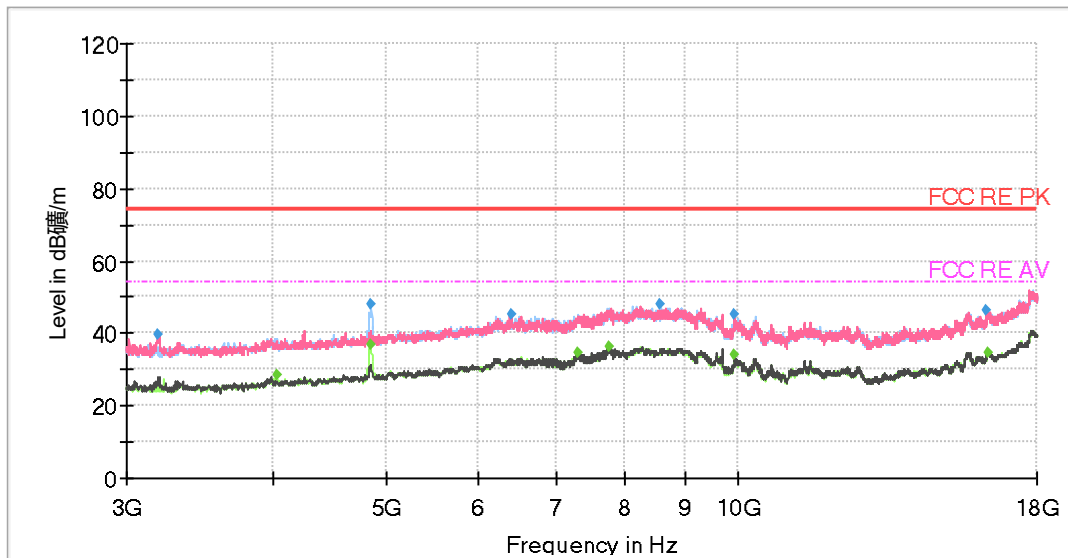
802.11ax HE40 CH3



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

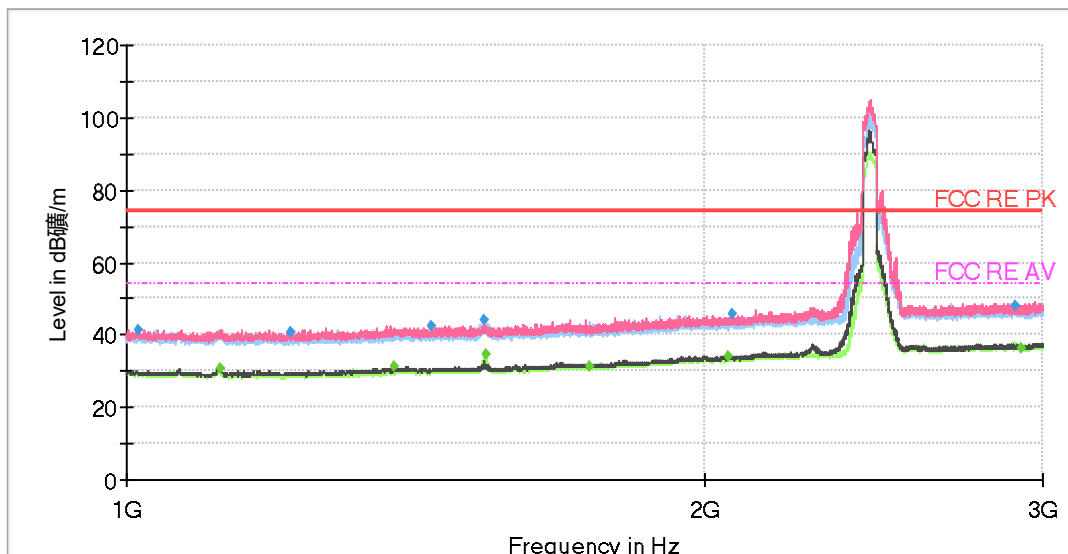
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1120.00	---	30.94	54.00	23.06	500.00	100.0	H	240.00	-12
1121.50	42.81	---	74.00	31.19	500.00	200.0	H	114.00	-12
1240.00	---	29.10	54.00	24.90	500.00	200.0	V	108.00	-12
1244.00	40.56	---	74.00	33.44	500.00	100.0	V	343.00	-12
1386.75	42.25	---	74.00	31.75	500.00	200.0	V	16.00	-11
1399.00	---	31.08	54.00	22.92	500.00	100.0	V	355.00	-11
1532.25	---	33.08	54.00	20.92	500.00	100.0	H	155.00	-11
1691.50	43.62	---	74.00	30.38	500.00	200.0	V	149.00	-10
1949.25	46.13	---	74.00	27.87	500.00	200.0	V	149.00	-8
1957.75	---	34.26	54.00	19.74	500.00	200.0	V	0.00	-8
2879.75	48.62	---	74.00	25.38	500.00	100.0	V	304.00	-5
2884.25	---	37.32	54.00	16.68	500.00	100.0	V	0.00	-5



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)
3185.63	39.58	---	74.00	34.42	500.00	100.0	V	74.00	-14
4029.38	---	28.40	54.00	25.60	500.00	100.0	H	358.00	-12
4848.75	---	36.87	54.00	17.13	500.00	100.0	H	277.00	-10
4848.75	48.01	---	74.00	25.99	500.00	100.0	H	277.00	-10
6406.88	45.23	---	74.00	28.77	500.00	200.0	V	34.00	-3
7295.63	---	34.51	54.00	19.49	500.00	200.0	V	350.00	0
7745.63	---	36.31	54.00	17.69	500.00	100.0	V	227.00	1
8585.63	47.91	---	74.00	26.09	500.00	100.0	H	140.00	1
9926.25	45.23	---	74.00	28.77	500.00	100.0	V	133.00	1
9926.25	---	33.81	54.00	20.19	500.00	100.0	V	133.00	1
16299.38	46.50	---	74.00	27.50	500.00	200.0	V	249.00	8
16325.63	---	34.68	54.00	19.32	500.00	200.0	H	4.00	8

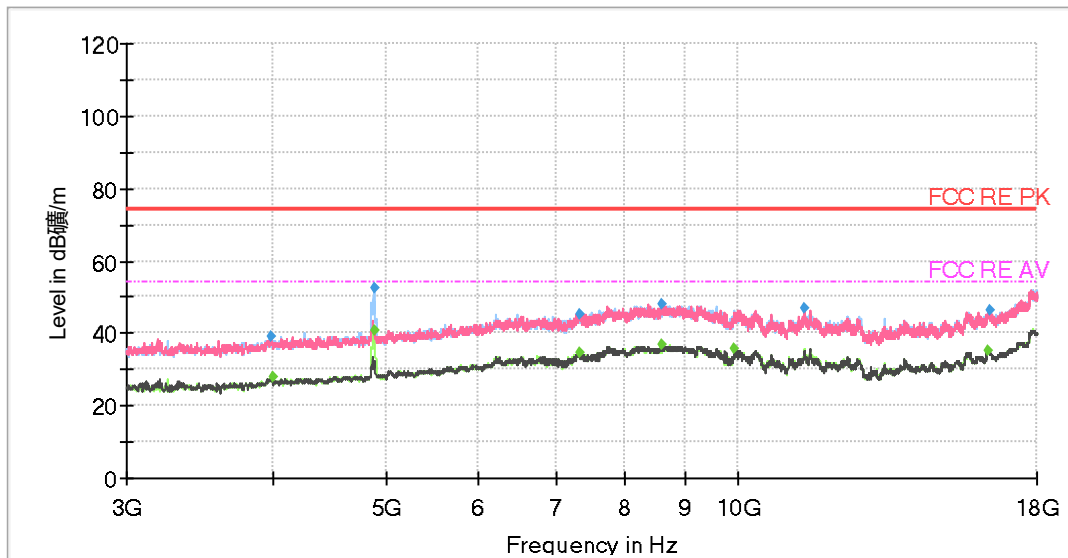
802.11ax HE40 CH6



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

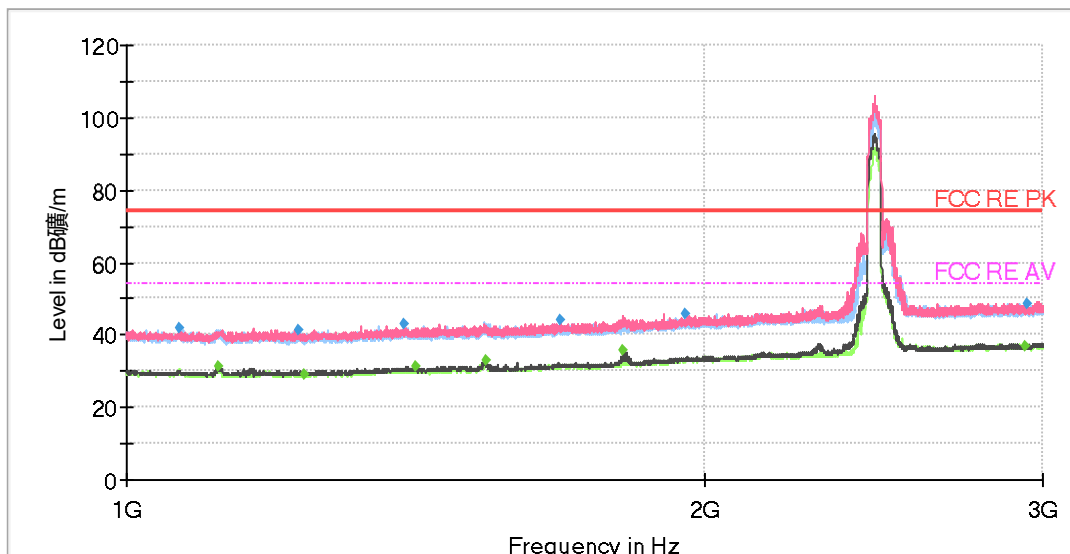
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1015.25	41.43	---	74.00	32.57	500.00	100.0	V	36.00	-12
1118.50	---	30.87	54.00	23.13	500.00	200.0	V	224.00	-12
1218.75	40.69	---	74.00	33.31	500.00	100.0	V	353.00	-12
1379.00	---	31.26	54.00	22.74	500.00	200.0	V	9.00	-11
1441.00	42.45	---	74.00	31.55	500.00	200.0	V	2.00	-11
1535.50	44.19	---	74.00	29.81	500.00	100.0	H	138.00	-11
1537.25	---	34.34	54.00	19.66	500.00	100.0	H	138.00	-11
1743.50	---	31.34	54.00	22.66	500.00	100.0	H	35.00	-10
2058.00	---	34.32	54.00	19.68	500.00	100.0	V	277.00	-8
2066.75	45.51	---	74.00	28.49	500.00	100.0	V	346.00	-8
2903.25	48.02	---	74.00	25.98	500.00	200.0	V	194.00	-5
2925.50	---	36.39	54.00	17.61	500.00	100.0	H	11.00	-5



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)
3984.38	38.86	---	74.00	35.14	500.00	200.0	V	346.00	-11
3995.63	---	27.87	54.00	26.13	500.00	100.0	V	78.00	-11
4880.63	---	40.58	54.00	13.42	500.00	100.0	H	296.00	-10
4880.63	52.30	---	74.00	21.70	500.00	100.0	H	296.00	-10
7321.88	---	34.87	54.00	19.13	500.00	100.0	V	260.00	-1
7325.63	45.41	---	74.00	28.59	500.00	100.0	V	309.00	-1
8610.00	48.03	---	74.00	25.97	500.00	200.0	H	275.00	1
8613.75	---	36.66	54.00	17.34	500.00	200.0	H	0.00	1
9930.00	---	35.88	54.00	18.12	500.00	100.0	H	358.00	1
11379.38	46.76	---	74.00	27.24	500.00	100.0	H	282.00	5
16368.75	---	35.25	54.00	18.75	500.00	100.0	H	355.00	8
16410.00	46.10	---	74.00	27.90	500.00	200.0	V	161.00	8

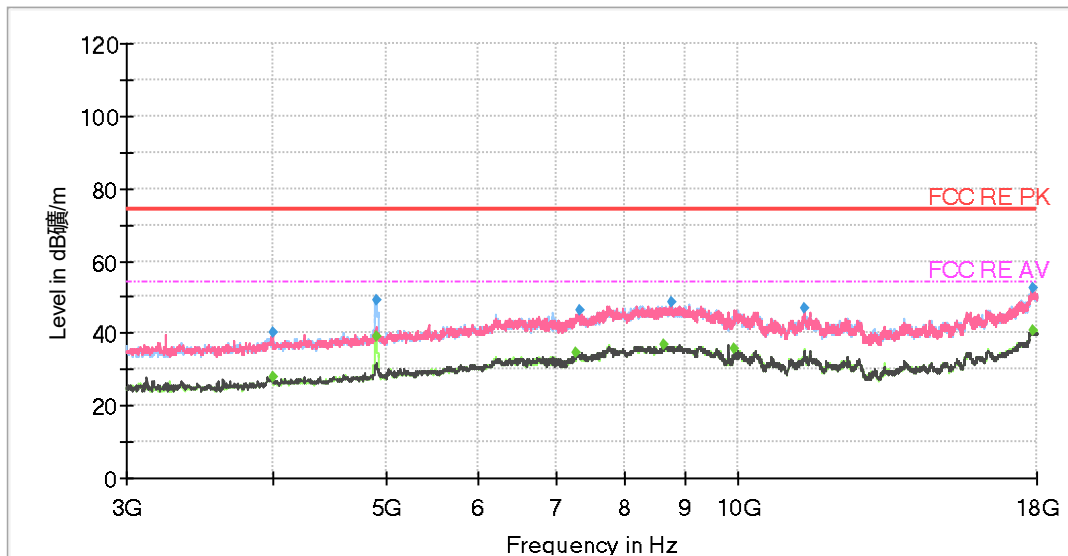
802.11ax HE40 CH9



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)
1065.25	41.84	---	74.00	32.16	500.00	200.0	V	191.00	-12
1117.25	---	31.30	54.00	22.70	500.00	200.0	V	6.00	-12
1227.75	41.38	---	74.00	32.62	500.00	200.0	V	236.00	-12
1237.50	---	28.83	54.00	25.17	500.00	200.0	H	321.00	-12
1395.00	42.96	---	74.00	31.04	500.00	200.0	H	0.00	-11
1412.75	---	31.37	54.00	22.63	500.00	100.0	V	0.00	-11
1537.25	---	33.14	54.00	20.86	500.00	100.0	V	119.00	-11
1682.50	43.87	---	74.00	30.13	500.00	100.0	V	344.00	-10
1815.00	---	35.47	54.00	18.53	500.00	200.0	V	178.00	-10
1953.00	45.74	---	74.00	28.26	500.00	200.0	H	332.00	-8
2939.75	---	36.86	54.00	17.14	500.00	100.0	H	1.00	-5
2946.00	48.68	---	74.00	25.32	500.00	200.0	V	4.00	-5



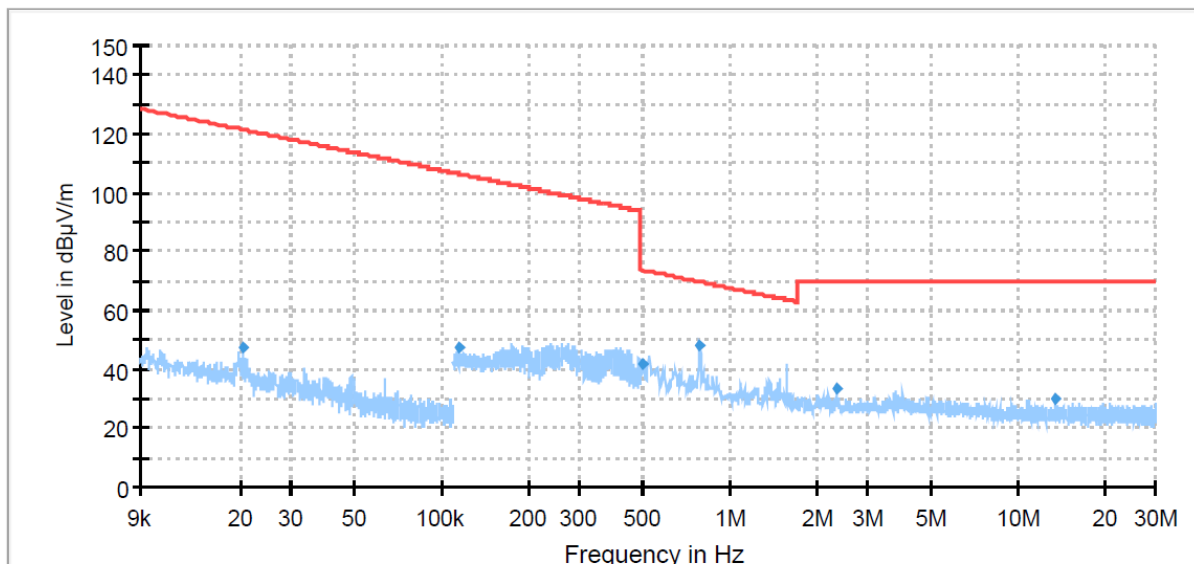
Radiates Emission from 3GHz to 18GHz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3995.63	---	28.04	54.00	25.96	500.00	100.0	V	26.00	-11
3997.50	40.04	---	74.00	33.96	500.00	200.0	V	180.00	-11
4905.00	---	39.33	54.00	14.67	500.00	100.0	H	293.00	-10
4914.38	48.95	---	74.00	25.05	500.00	100.0	H	293.00	-10
7263.75	---	34.39	54.00	19.61	500.00	200.0	V	354.00	-1
7320.00	46.22	---	74.00	27.78	500.00	200.0	V	164.00	-1
8621.25	---	37.00	54.00	17.00	500.00	100.0	V	20.00	1
8767.50	48.31	---	74.00	25.69	500.00	100.0	V	0.00	1
9931.88	---	35.76	54.00	18.24	500.00	200.0	H	6.00	1
11379.38	46.72	---	74.00	27.28	500.00	100.0	V	43.00	5
17833.13	52.56	---	74.00	21.44	500.00	100.0	H	356.00	15
17838.75	---	41.00	54.00	13.00	500.00	100.0	H	334.00	15

RU Mode

Continuous TX mode:

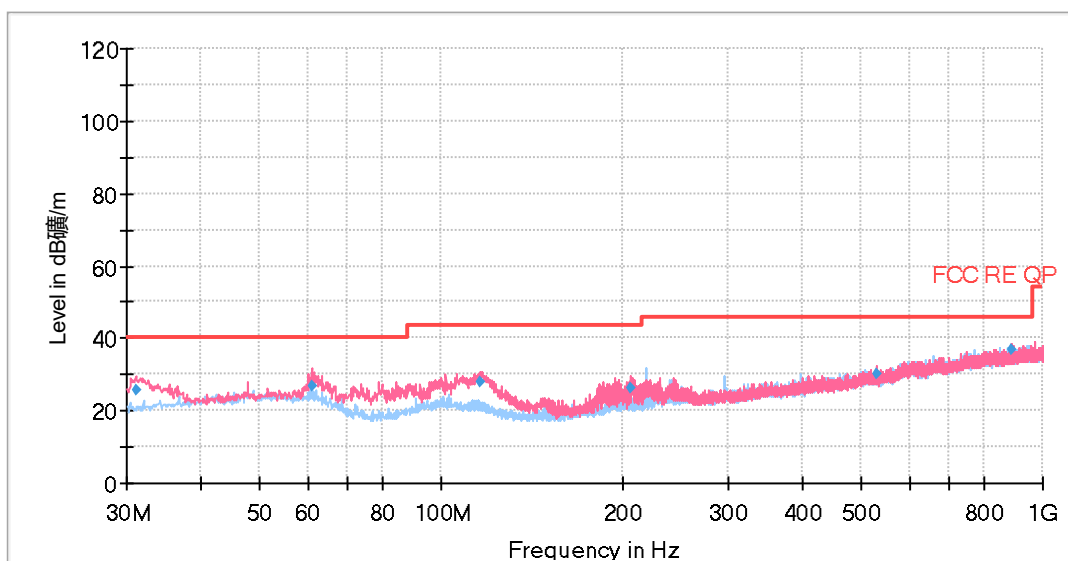
During the test, the Radiates Emission from 9kHz to 1GHz was performed in all modes with all channels, the test data of the worst-case condition (**802.11ax (HE40) 484 Tone CH3**) was recorded in this report.



Radiates Emission from 9kHz to 30MHz

Final Result

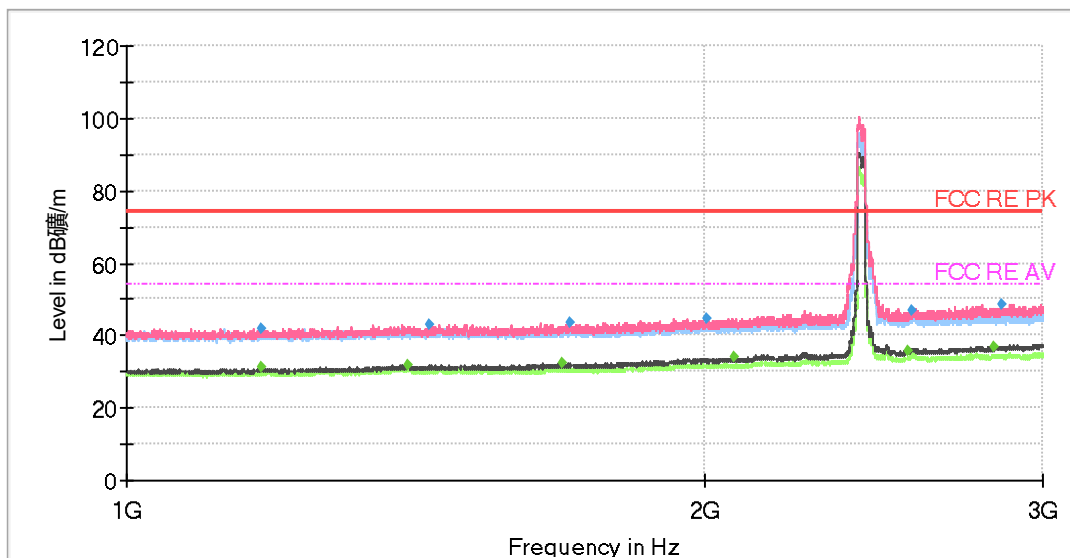
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Azimuth (deg)	Corr. (dB/m)
0.02	47.18	121.42	74.24	500.00	120.00	17
0.11	47.18	106.41	59.23	150.00	10.00	17
0.50	41.97	73.67	31.70	150.00	0.00	17
0.79	48.37	69.70	21.33	150.00	0.00	17
2.36	33.42	69.50	36.08	150.00	131.00	17
13.54	29.71	69.50	39.79	150.00	236.00	17



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)
31.09	25.67	40.00	14.33	101.0	V	83.00	17
60.92	26.76	40.00	13.24	101.0	V	74.00	19
115.97	27.85	43.50	15.65	101.0	V	219.00	17
206.06	26.35	43.50	17.15	101.0	V	325.00	18
529.07	30.38	46.00	15.62	200.0	V	36.00	26
889.42	36.72	46.00	9.28	101.0	V	325.00	31

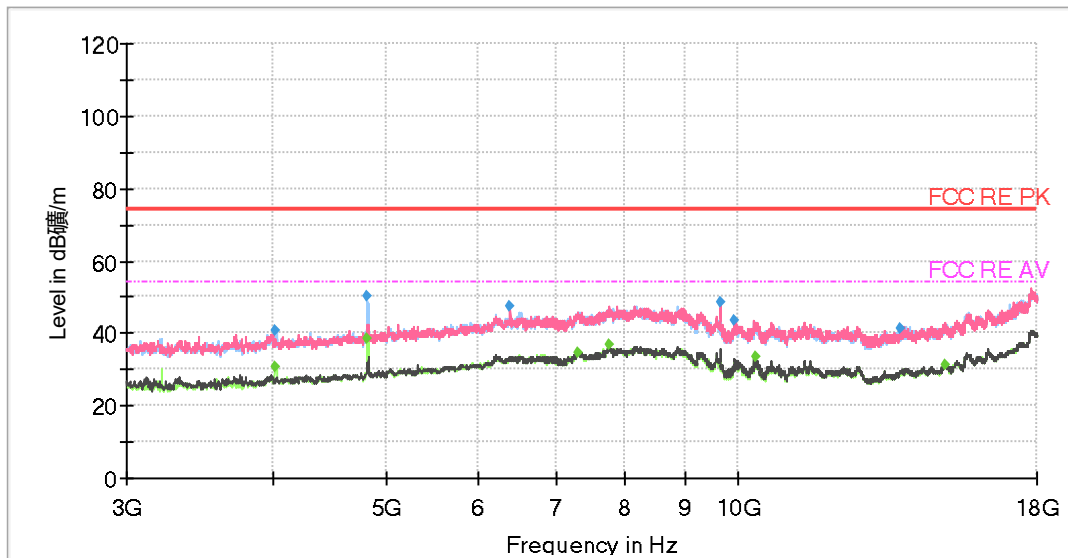
802.11ax (HE20) 242 Tone CH 1



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

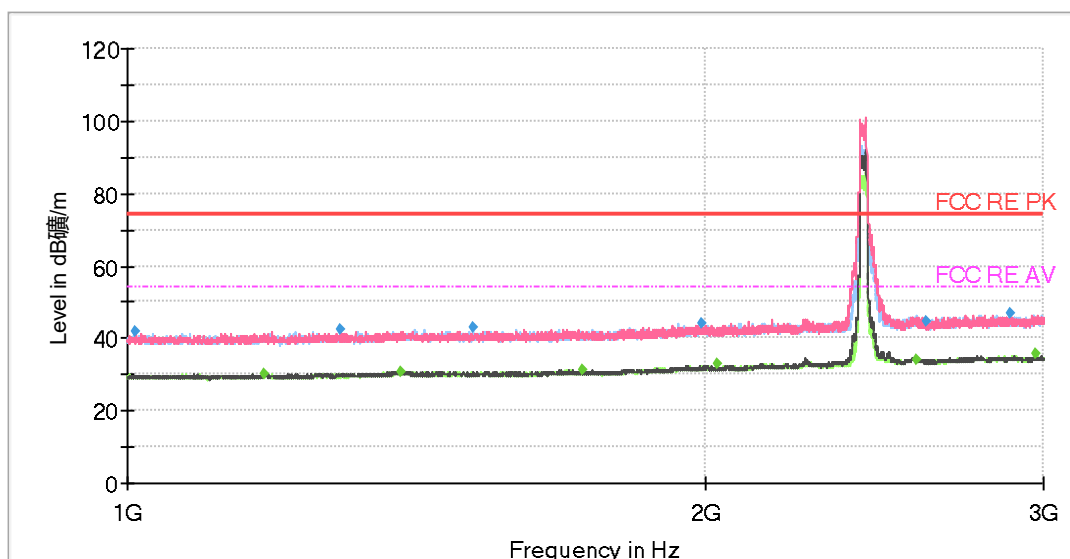
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1174.25	42.01	---	74.00	31.99	500.00	200.0	V	0.00	-12
1176.50	---	31.09	54.00	22.91	500.00	200.0	V	0.00	-12
1399.75	---	31.79	54.00	22.21	500.00	200.0	V	350.00	-11
1439.00	43.22	---	74.00	30.78	500.00	200.0	V	290.00	-11
1686.75	---	32.25	54.00	21.75	500.00	200.0	V	0.00	-10
1703.00	43.44	---	74.00	30.56	500.00	200.0	V	357.00	-10
2006.25	44.85	---	74.00	29.15	500.00	100.0	V	225.00	-8
2070.00	---	33.84	54.00	20.16	500.00	200.0	V	359.00	-8
2554.75	---	35.73	54.00	18.27	500.00	200.0	V	0.00	-5
2562.50	47.15	---	74.00	26.85	500.00	200.0	V	336.00	-5
2831.25	---	36.59	54.00	17.41	500.00	200.0	V	278.00	-5
2855.25	48.34	---	74.00	25.66	500.00	200.0	V	346.00	-5



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)
4020.00	---	30.54	54.00	23.46	500.00	100.0	H	0.00	-12
4021.88	40.78	---	74.00	33.22	500.00	100.0	H	0.00	-12
4818.75	50.12	---	74.00	23.88	500.00	100.0	H	280.00	-10
4820.63	---	38.72	54.00	15.28	500.00	100.0	H	265.00	-10
6386.25	47.45	---	74.00	26.55	500.00	100.0	V	189.00	-3
7280.63	---	34.83	54.00	19.17	500.00	200.0	V	20.00	-1
7741.88	---	36.70	54.00	17.30	500.00	100.0	V	218.00	1
9643.13	48.40	---	74.00	25.60	500.00	100.0	V	358.00	1
9933.75	43.64	---	74.00	30.36	500.00	100.0	V	248.00	1
10333.13	---	33.29	54.00	20.71	500.00	100.0	V	345.00	2
13747.50	41.28	---	74.00	32.72	500.00	200.0	H	356.00	5
15020.63	---	31.28	54.00	22.72	500.00	100.0	H	234.00	6

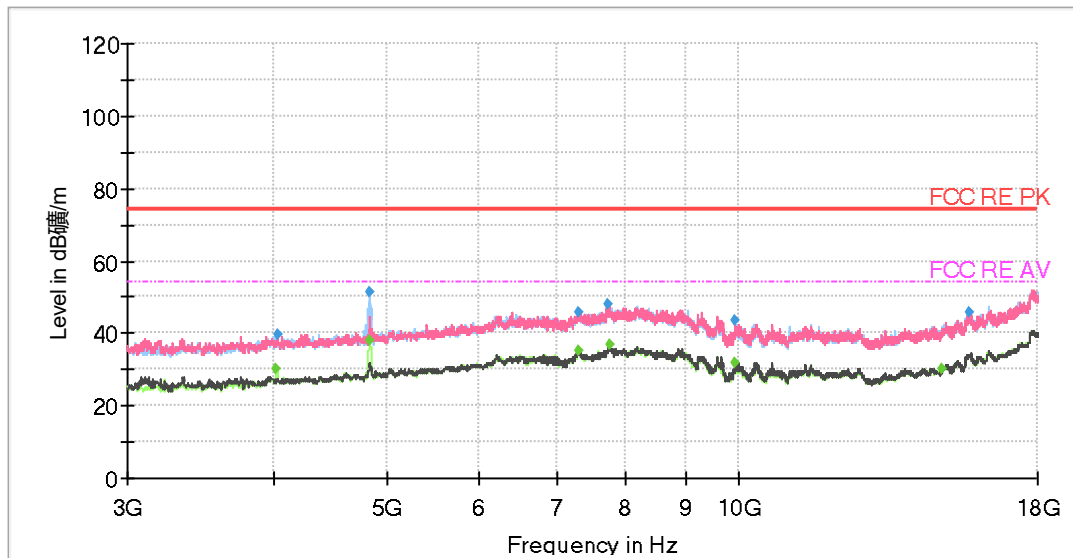
802.11ax (HE20) 242 Tone CH2



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

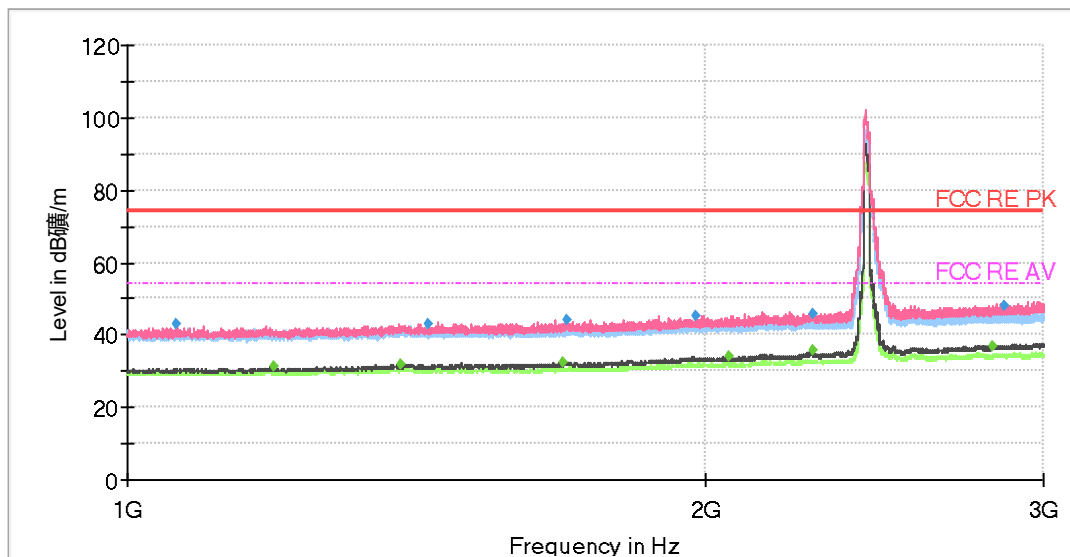
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1010.50	41.89	---	74.00	32.11	500.00	200.0	V	347.00	-12
1178.75	---	30.17	54.00	23.83	500.00	100.0	V	116.00	-12
1292.25	42.56	---	74.00	31.44	500.00	100.0	V	257.00	-11
1388.75	---	30.83	54.00	23.17	500.00	200.0	V	351.00	-11
1514.75	42.86	---	74.00	31.14	500.00	200.0	H	9.00	-11
1725.50	---	31.38	54.00	22.62	500.00	200.0	V	60.00	-10
1989.50	44.26	---	74.00	29.74	500.00	200.0	V	199.00	-8
2029.50	---	32.66	54.00	21.34	500.00	100.0	V	21.00	-8
2578.25	---	34.12	54.00	19.88	500.00	100.0	H	346.00	-5
2608.75	44.71	---	74.00	29.29	500.00	100.0	V	2.00	-6
2881.50	46.63	---	74.00	27.37	500.00	200.0	H	0.00	-5
2973.25	---	35.45	54.00	18.55	500.00	200.0	V	75.00	-4



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)
4023.75	---	30.14	54.00	23.86	500.00	100.0	H	7.00	-12
4033.13	39.67	---	74.00	34.33	500.00	200.0	H	359.00	-12
4830.00	---	37.87	54.00	16.13	500.00	100.0	H	282.00	-10
4831.88	51.53	---	74.00	22.47	500.00	100.0	H	268.00	-10
7284.38	---	34.99	54.00	19.01	500.00	200.0	H	306.00	0
7305.00	46.01	---	74.00	27.99	500.00	100.0	V	354.00	-1
7734.38	47.90	---	74.00	26.10	500.00	200.0	V	42.00	1
7745.63	---	36.64	54.00	17.36	500.00	200.0	H	0.00	1
9930.00	43.44	---	74.00	30.56	500.00	100.0	H	33.00	1
9931.88	---	32.00	54.00	22.00	500.00	200.0	H	355.00	1
14930.63	---	30.38	54.00	23.62	500.00	200.0	H	294.00	6
15705.00	45.54	---	74.00	28.46	500.00	100.0	H	208.00	7

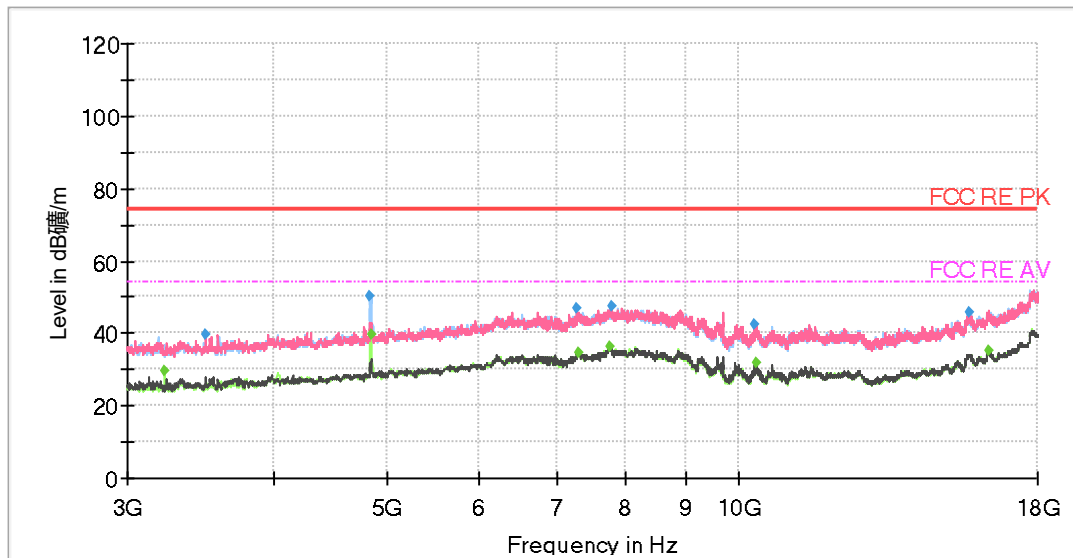
802.11ax (HE20) 242 Tone CH4



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

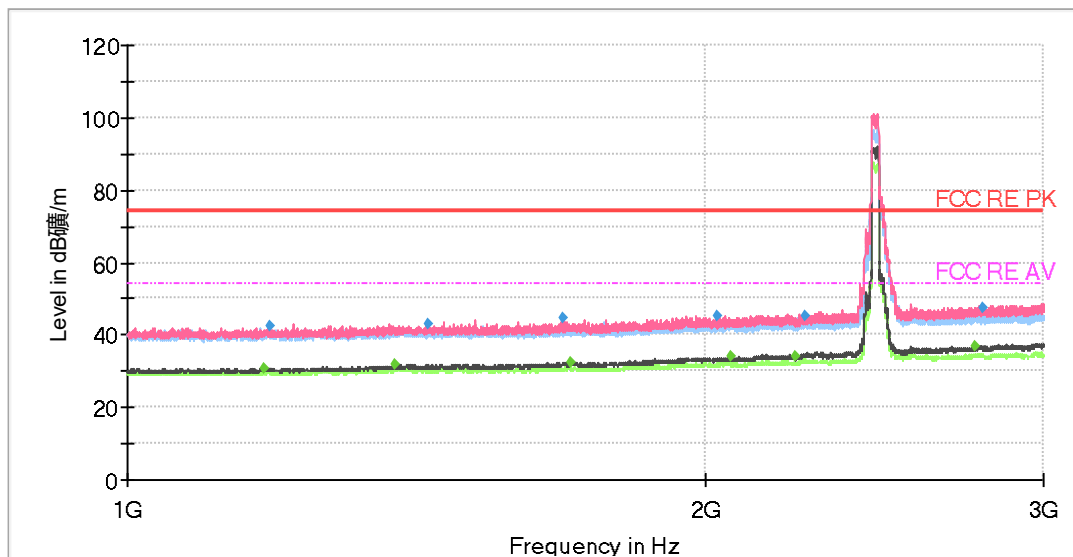
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1061.50	42.74	---	74.00	31.26	500.00	200.0	V	358.00	-12
1191.75	---	31.13	54.00	22.87	500.00	100.0	V	5.00	-12
1387.00	---	31.99	54.00	22.01	500.00	100.0	V	32.00	-11
1433.00	42.89	---	74.00	31.11	500.00	200.0	V	355.00	-11
1686.25	---	32.47	54.00	21.53	500.00	200.0	V	328.00	-10
1692.75	44.09	---	74.00	29.91	500.00	200.0	V	352.00	-10
1975.25	45.08	---	74.00	28.92	500.00	100.0	V	5.00	-8
2055.50	---	34.00	54.00	20.00	500.00	200.0	V	262.00	-8
2273.50	---	35.89	54.00	18.11	500.00	200.0	V	350.00	-7
2275.25	45.75	---	74.00	28.25	500.00	100.0	V	2.00	-7
2824.75	---	36.83	54.00	17.17	500.00	200.0	V	179.00	-5
2860.00	48.00	---	74.00	26.00	500.00	100.0	V	5.00	-5



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)
3228.75	---	29.36	54.00	24.64	500.00	100.0	H	0.00	-14
3500.63	39.60	---	74.00	34.40	500.00	100.0	V	184.00	-13
4839.38	50.08	---	74.00	23.92	500.00	100.0	H	294.00	-10
4845.00	---	39.51	54.00	14.49	500.00	100.0	H	264.00	-10
7261.88	46.64	---	74.00	27.36	500.00	200.0	H	301.00	-1
7303.13	---	34.80	54.00	19.20	500.00	100.0	H	140.00	-1
7749.38	---	36.39	54.00	17.61	500.00	200.0	H	260.00	1
7777.50	47.24	---	74.00	26.76	500.00	200.0	V	92.00	1
10318.13	42.52	---	74.00	31.48	500.00	200.0	V	0.00	2
10333.13	---	31.84	54.00	22.16	500.00	100.0	V	288.00	2
15736.88	45.74	---	74.00	28.26	500.00	200.0	V	66.00	7
16338.75	---	35.39	54.00	18.61	500.00	200.0	H	355.00	8

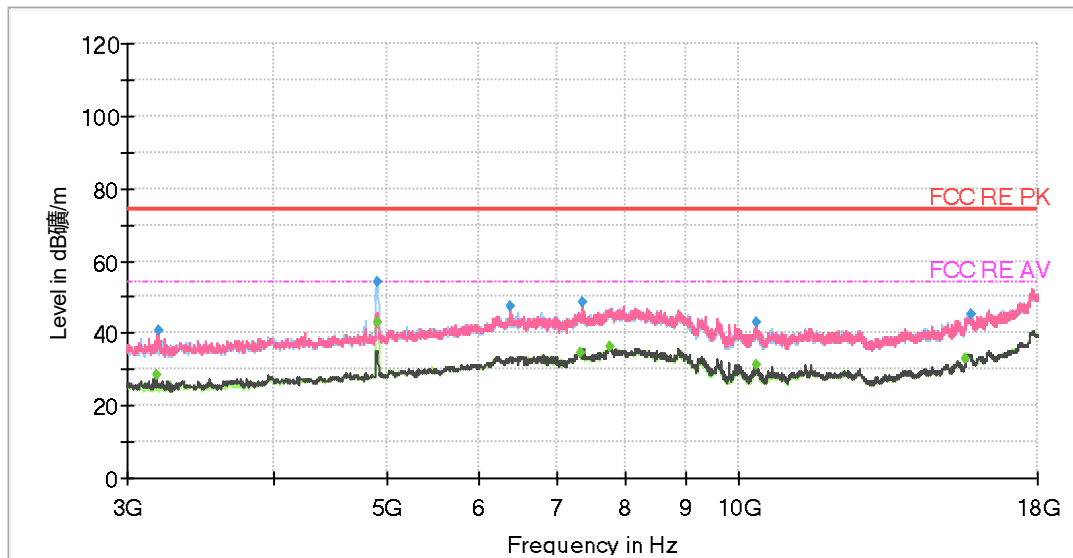
802.11ax (HE20) 242 Tone CH9



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

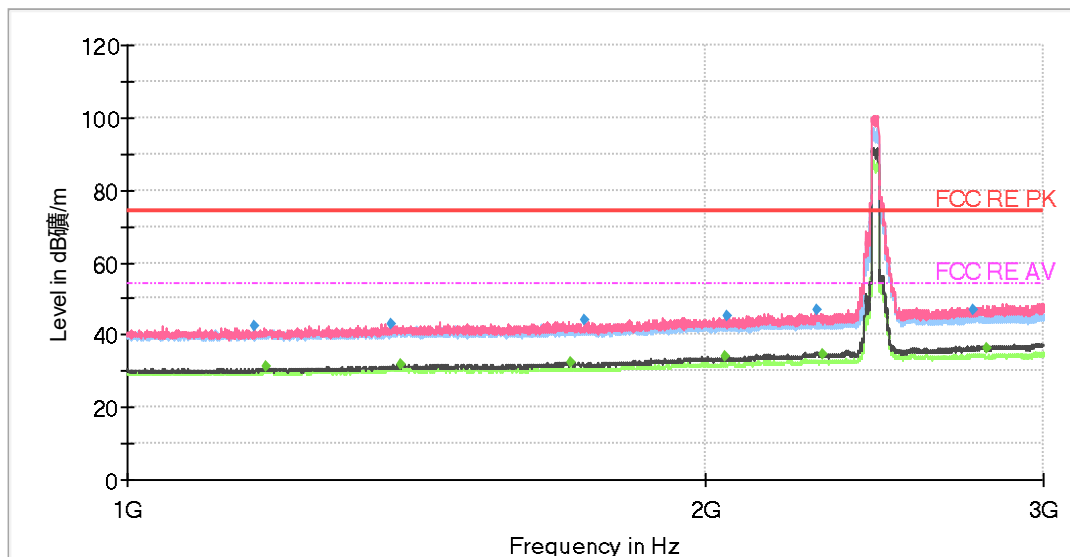
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1177.25	---	30.97	54.00	23.03	500.00	200.0	V	353.00	-12
1185.75	42.31	---	74.00	31.69	500.00	200.0	V	192.00	-12
1378.25	---	31.83	54.00	22.17	500.00	200.0	V	177.00	-11
1433.25	43.04	---	74.00	30.96	500.00	200.0	V	359.00	-11
1687.00	44.74	---	74.00	29.26	500.00	200.0	V	350.00	-10
1703.75	---	32.54	54.00	21.46	500.00	200.0	V	311.00	-10
2028.25	45.13	---	74.00	28.87	500.00	200.0	V	350.00	-8
2062.50	---	33.82	54.00	20.18	500.00	200.0	V	350.00	-8
2230.50	---	33.80	54.00	20.20	500.00	200.0	V	355.00	-7
2254.25	45.23	---	74.00	28.77	500.00	200.0	V	335.00	-7
2765.75	---	36.60	54.00	17.40	500.00	200.0	V	0.00	-5
2787.25	47.40	---	74.00	26.60	500.00	200.0	V	108.00	-5



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)
3174.38	---	28.33	54.00	25.67	500.00	100.0	V	275.00	-14
3191.25	40.69	---	74.00	33.31	500.00	100.0	V	168.00	-14
4901.25	54.05	---	74.00	19.95	500.00	100.0	H	265.00	-10
4903.13	---	43.00	54.00	11.00	500.00	100.0	H	280.00	-10
6380.63	47.21	---	74.00	26.79	500.00	100.0	V	183.00	-3
7310.63	---	34.75	54.00	19.25	500.00	100.0	V	35.00	-1
7353.75	48.69	---	74.00	25.31	500.00	100.0	V	288.00	-1
7745.63	---	36.28	54.00	17.72	500.00	200.0	V	2.00	1
10333.13	42.98	---	74.00	31.02	500.00	200.0	V	161.00	2
10333.13	---	31.39	54.00	22.61	500.00	100.0	V	300.00	2
15626.25	---	32.88	54.00	21.12	500.00	200.0	V	220.00	6
15796.88	45.12	---	74.00	28.88	500.00	100.0	V	350.00	7

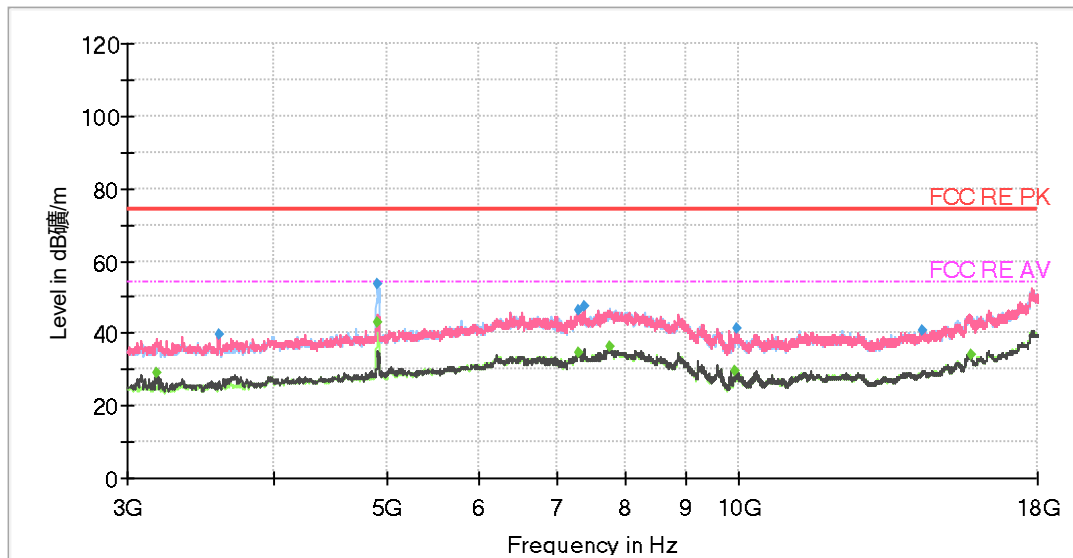
802.11ax (HE20) 242 Tone CH10



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

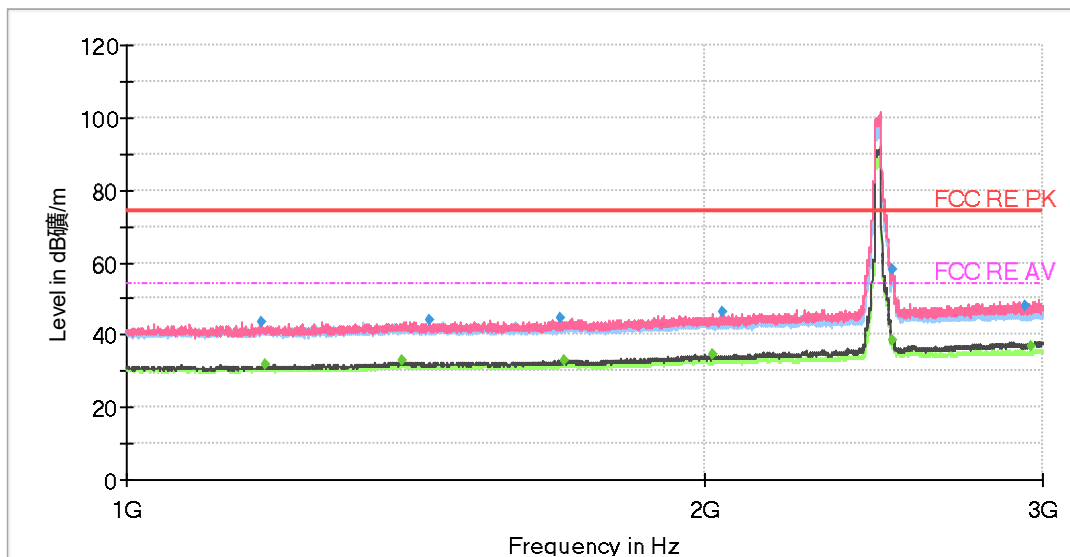
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1165.25	42.39	---	74.00	31.61	500.00	200.0	V	0.00	-12
1180.50	---	30.99	54.00	23.01	500.00	200.0	V	356.00	-12
1371.75	42.95	---	74.00	31.05	500.00	200.0	V	206.00	-11
1387.25	---	32.08	54.00	21.92	500.00	200.0	V	192.00	-11
1701.75	---	32.63	54.00	21.37	500.00	200.0	V	318.00	-10
1732.00	43.92	---	74.00	30.08	500.00	200.0	V	353.00	-10
2049.00	---	33.88	54.00	20.12	500.00	200.0	V	346.00	-8
2053.75	45.13	---	74.00	28.87	500.00	200.0	V	219.00	-8
2284.50	46.77	---	74.00	27.23	500.00	200.0	V	299.00	-7
2300.00	---	34.68	54.00	19.32	500.00	200.0	V	359.00	-7
2755.50	47.08	---	74.00	26.92	500.00	200.0	V	0.00	-5
2801.50	---	36.42	54.00	17.58	500.00	200.0	V	353.00	-5



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)
3176.25	---	29.12	54.00	24.88	500.00	100.0	V	278.00	-14
3594.38	39.72	---	74.00	34.28	500.00	200.0	V	0.00	-14
4908.75	53.72	---	74.00	20.28	500.00	100.0	H	279.00	-10
4912.50	---	43.05	54.00	10.95	500.00	100.0	H	279.00	-10
7280.63	---	34.71	54.00	19.29	500.00	200.0	V	200.00	-1
7284.38	46.16	---	74.00	27.84	500.00	100.0	V	355.00	0
7365.00	47.27	---	74.00	26.73	500.00	100.0	V	292.00	-1
7745.63	---	36.21	54.00	17.79	500.00	100.0	V	97.00	1
9931.88	---	29.77	54.00	24.23	500.00	100.0	H	210.00	1
9943.13	41.04	---	74.00	32.96	500.00	100.0	H	32.00	1
14351.25	40.99	---	74.00	33.01	500.00	200.0	V	0.00	6
15781.88	---	33.93	54.00	20.07	500.00	200.0	V	245.00	7

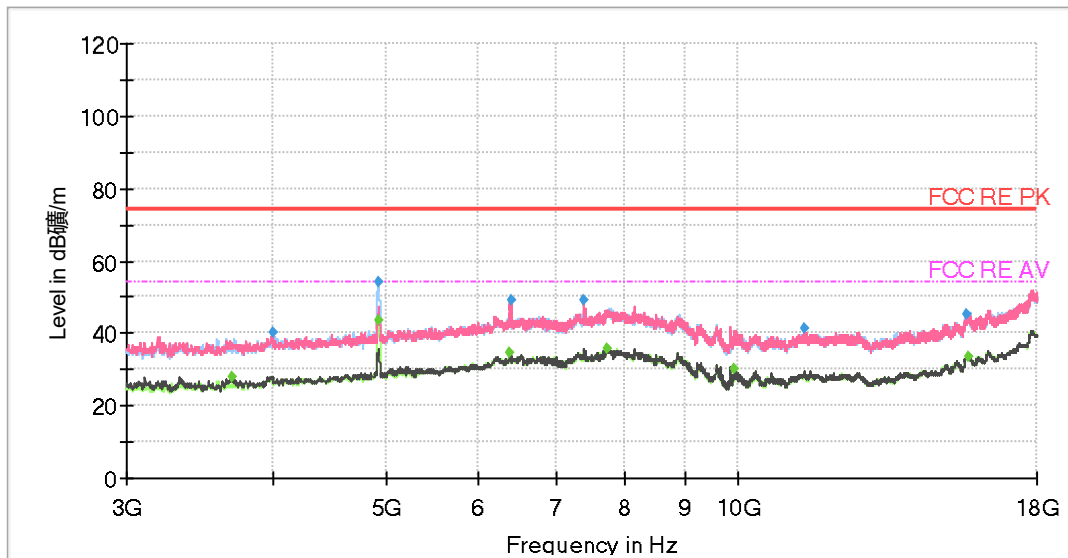
802.11ax (HE20) 242 Tone CH11



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

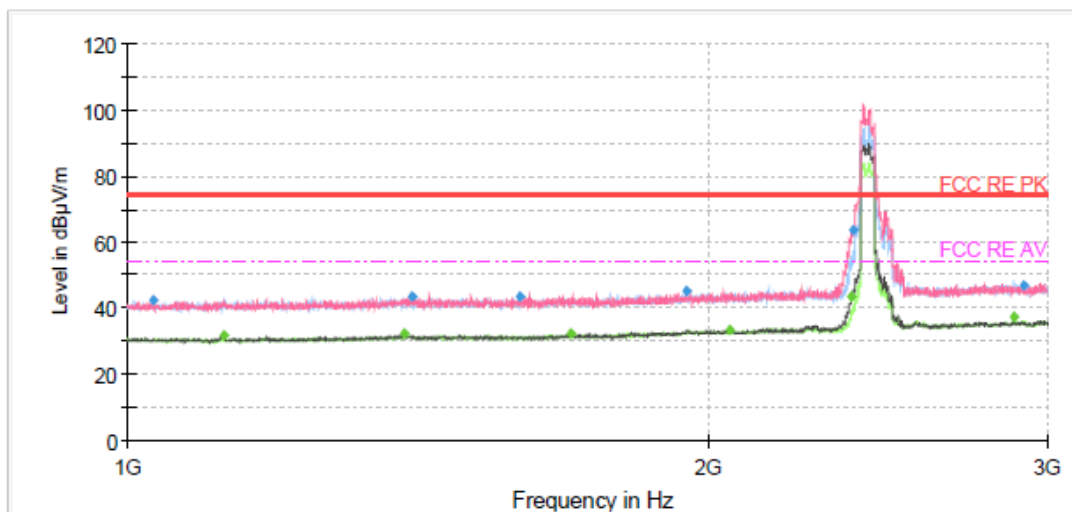
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1175.25	43.47	---	74.00	30.53	500.00	200.0	V	264.00	-12
1180.25	---	31.69	54.00	22.31	500.00	200.0	V	341.00	-12
1391.25	---	32.71	54.00	21.29	500.00	200.0	V	0.00	-11
1437.25	44.17	---	74.00	29.83	500.00	200.0	V	221.00	-11
1682.25	44.80	---	74.00	29.20	500.00	200.0	V	123.00	-10
1691.25	---	33.21	54.00	20.79	500.00	200.0	V	0.00	-10
2020.75	---	34.44	54.00	19.56	500.00	200.0	V	123.00	-8
2045.25	46.30	---	74.00	27.70	500.00	200.0	V	346.00	-8
2506.25	58.14	---	74.00	15.86	500.00	100.0	V	29.00	-6
2507.50	---	38.49	54.00	15.51	500.00	200.0	V	328.00	-6
2936.00	48.11	---	74.00	25.89	500.00	200.0	V	358.00	-5
2958.75	---	36.99	54.00	17.01	500.00	200.0	V	300.00	-5



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)
3697.50	---	28.14	54.00	25.86	500.00	200.0	V	24.00	-13
3999.38	39.92	---	74.00	34.08	500.00	200.0	V	74.00	-11
4927.50	---	43.68	54.00	10.32	500.00	100.0	H	279.00	-10
4931.25	54.03	---	74.00	19.97	500.00	100.0	H	279.00	-10
6384.38	---	34.69	54.00	19.31	500.00	200.0	V	226.00	-3
6388.13	49.33	---	74.00	24.67	500.00	200.0	V	226.00	-3
7378.13	48.85	---	74.00	25.15	500.00	100.0	V	286.00	-1
7736.25	---	35.97	54.00	18.03	500.00	200.0	V	74.00	1
9935.63	---	30.31	54.00	23.69	500.00	200.0	V	61.00	1
11400.00	41.19	---	74.00	32.81	500.00	200.0	V	354.00	5
15703.13	45.12	---	74.00	28.88	500.00	200.0	H	321.00	7
15751.88	---	33.48	54.00	20.52	500.00	100.0	H	42.00	7

802.11ax (HE40) 484 Tone CH3

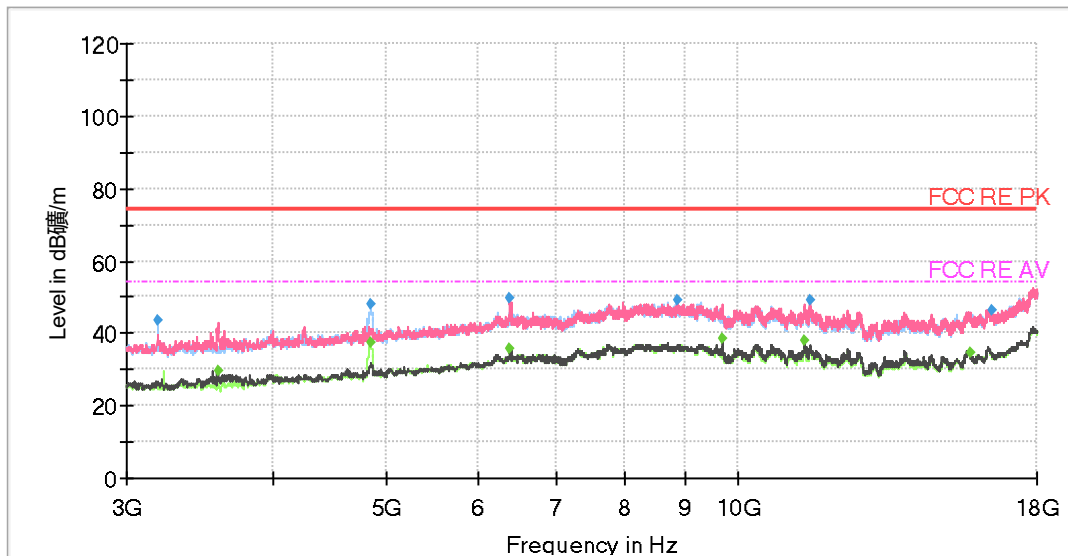


Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

Final Result

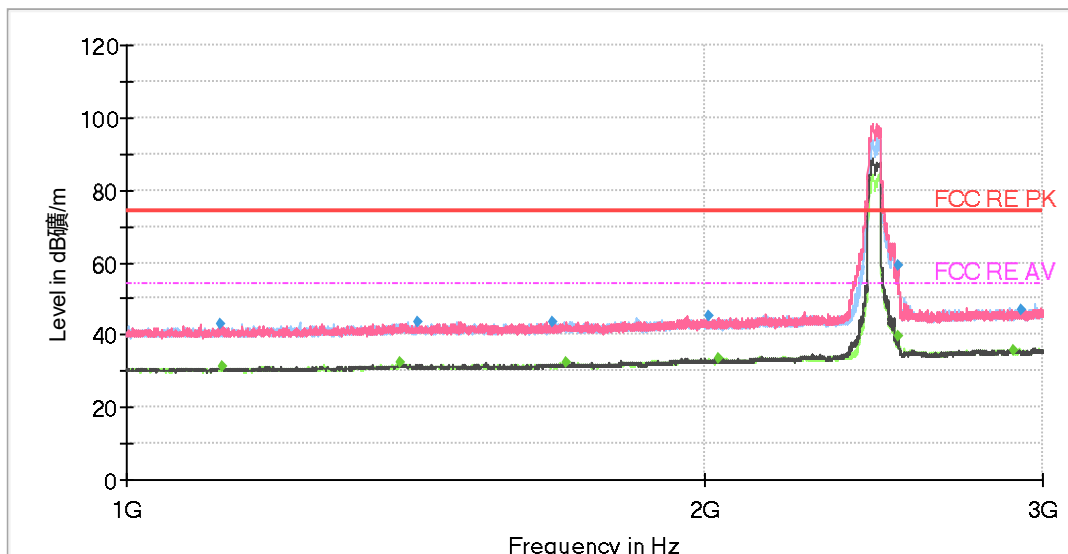
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1030.25	42.66	---	74.00	31.34	500.00	200.0	V	2.00	-12
1120.75	---	31.90	54.00	22.10	500.00	200.0	V	208.00	-12
1390.50	---	32.12	54.00	21.88	500.00	200.0	V	100.00	-11
1403.25	43.55	---	74.00	30.45	500.00	100.0	H	0.00	-11
1598.00	43.52	---	74.00	30.48	500.00	100.0	V	342.00	-11
1697.00	---	32.37	54.00	21.63	500.00	200.0	V	280.00	-10
1947.75	45.48	---	74.00	28.52	500.00	100.0	V	0.00	-8
2052.50	---	33.57	54.00	20.43	500.00	100.0	H	31.00	-8
2372.25	---	43.52	54.00	10.48	500.00	100.0	V	198.00	-7
2378.75	63.91	---	74.00	10.09	500.00	200.0	V	0.00	-7
2884.00	---	37.64	54.00	16.36	500.00	200.0	H	338.00	-5
2915.25	46.68	---	74.00	27.32	500.00	200.0	H	0.00	-5



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)
3187.50	43.62	---	74.00	30.38	500.00	200.0	H	139.00	-14
3592.50	---	29.65	54.00	24.35	500.00	200.0	V	158.00	-14
4843.13	---	37.29	54.00	16.71	500.00	100.0	H	252.00	-10
4854.38	47.87	---	74.00	26.13	500.00	100.0	H	312.00	-10
6371.25	49.62	---	74.00	24.38	500.00	100.0	V	124.00	-4
6378.75	---	35.84	54.00	18.16	500.00	100.0	V	124.00	-3
8865.00	48.89	---	74.00	25.11	500.00	200.0	V	337.00	1
9688.13	---	38.50	54.00	15.50	500.00	100.0	V	289.00	1
11394.38	---	37.68	54.00	16.32	500.00	100.0	V	245.00	5
11501.25	49.33	---	74.00	24.67	500.00	200.0	V	8.00	6
15781.88	---	34.35	54.00	19.65	500.00	100.0	H	0.00	7
16455.00	46.19	---	74.00	27.81	500.00	100.0	H	236.00	8

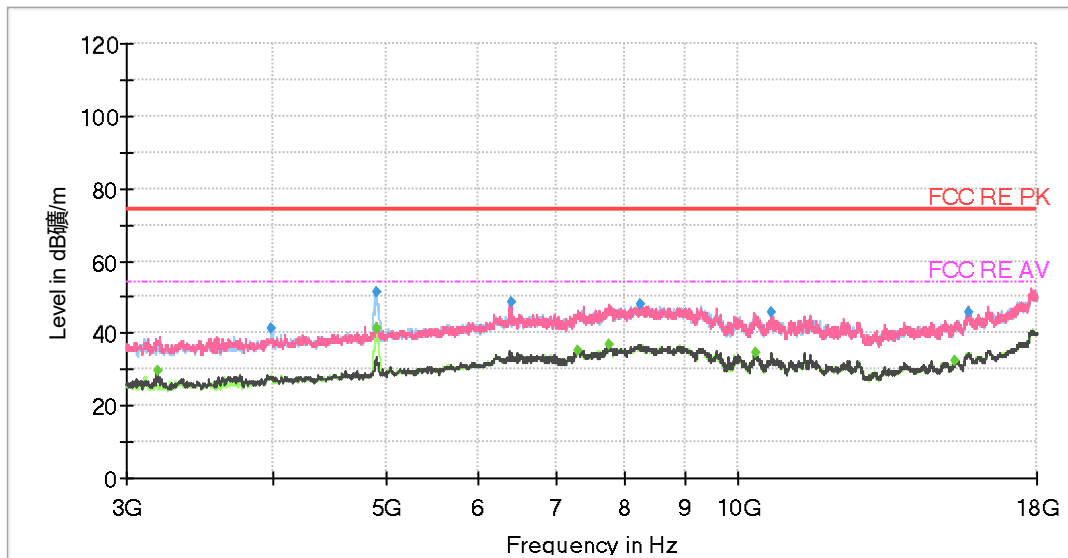
802.11ax (HE40) 484 Tone CH9



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)
1119.75	43.05	---	74.00	30.95	500.00	200.0	V	62.00	-12
1121.00	---	31.44	54.00	22.56	500.00	200.0	V	153.00	-12
1387.25	---	32.23	54.00	21.77	500.00	100.0	V	198.00	-11
1418.75	43.70	---	74.00	30.30	500.00	200.0	H	32.00	-11
1664.50	43.66	---	74.00	30.34	500.00	100.0	V	358.00	-10
1695.50	---	32.46	54.00	21.54	500.00	100.0	V	226.00	-10
2010.50	45.44	---	74.00	28.56	500.00	100.0	H	24.00	-8
2035.25	---	33.45	54.00	20.55	500.00	200.0	H	0.00	-8
2520.75	---	39.75	54.00	14.25	500.00	100.0	V	0.00	-6
2521.00	59.06	---	74.00	14.94	500.00	100.0	V	336.00	-6
2896.50	---	35.73	54.00	18.27	500.00	100.0	H	0.00	-5
2920.50	47.15	---	74.00	26.85	500.00	100.0	H	7.00	-5



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)
3185.63	---	29.51	54.00	24.49	500.00	200.0	V	144.00	-14
3984.38	41.42	---	74.00	32.58	500.00	200.0	H	95.00	-11
4901.25	---	41.09	54.00	12.91	500.00	100.0	H	296.00	-10
4910.63	51.34	---	74.00	22.66	500.00	100.0	H	266.00	-10
6393.75	48.74	---	74.00	25.26	500.00	100.0	V	187.00	-3
7284.38	---	35.20	54.00	18.80	500.00	200.0	V	99.00	0
7743.75	---	37.09	54.00	16.91	500.00	200.0	H	315.00	1
8251.88	48.01	---	74.00	25.99	500.00	100.0	H	176.00	1
10333.13	---	34.62	54.00	19.38	500.00	200.0	V	99.00	2
10685.63	45.70	---	74.00	28.30	500.00	100.0	V	344.00	3
15341.25	---	32.30	54.00	21.70	500.00	100.0	H	296.00	6
15755.63	45.95	---	74.00	28.05	500.00	100.0	H	190.00	7

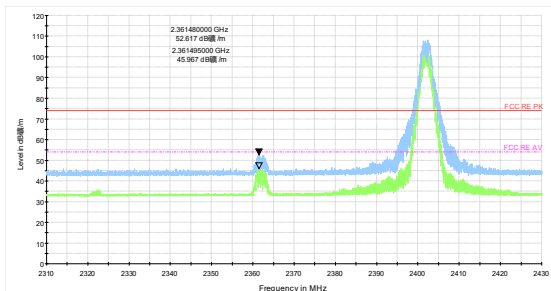
1.2. Bluetooth LE

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.

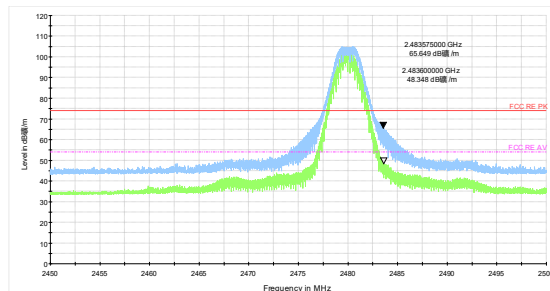
A symbol ($\text{dB}\mu\text{V/m}$) in the test plot below means ($\text{dB}\mu\text{V/m}$)

The signal beyond the limit is carrier.

After the pretest, Bluetooth LE (2M) was selected as the worst Mode for Bluetooth LE.



Bluetooth LE Channel 0 Peak+ Average



Bluetooth LE Channel 39 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 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 coaxial and coplanar for 9k-30MHz; horizontal and vertical for above 30MHz by software.
5. For below 1GHz

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

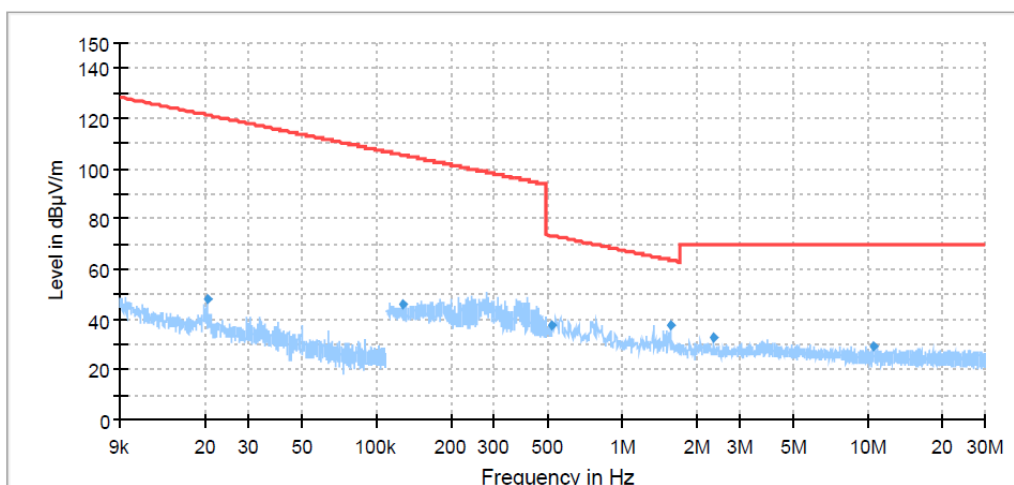
For above 1GHz

 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

After the pretest, Bluetooth LE (2M) was selected as the worst Mode for Bluetooth LE.

Continuous TX mode:

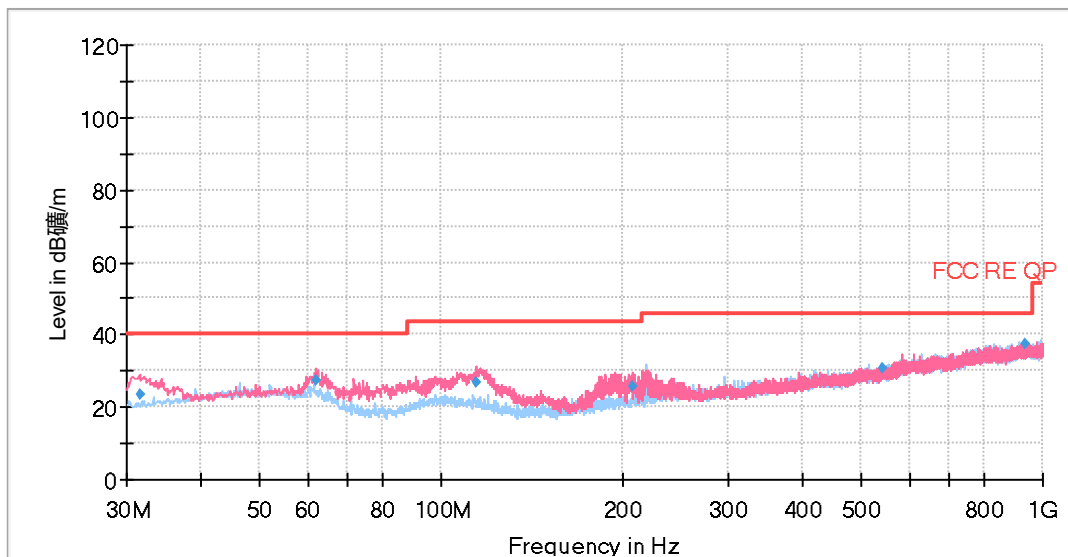
During the test, the Radiates Emission from 9kHz to 1GHz was performed in all modes with all channels. The test data of the worst-case condition (**Bluetooth LE-Channel 39**) was recorded in this report.



Radiates Emission from 9kHz to 30MHz

Final Result

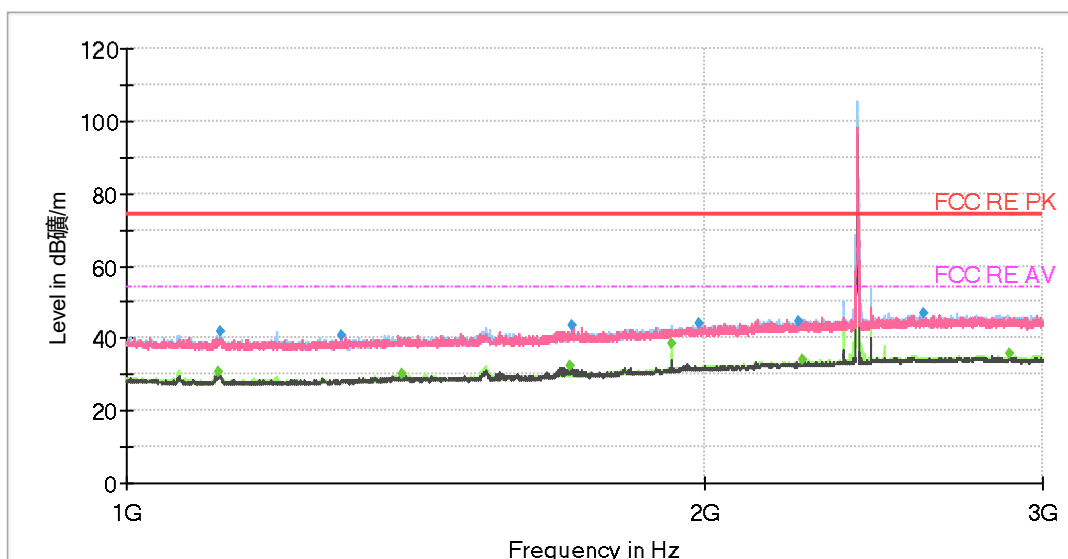
Frequency (MHz)	MaxPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Azimuth (deg)	Corr. (dB/m)
0.02	48.47	121.44	72.97	500.00	256.00	17
0.13	45.90	105.53	59.63	150.00	358.00	17
0.52	37.70	73.29	35.59	150.00	183.00	17
1.57	37.46	63.65	26.20	150.00	50.00	17
2.36	32.73	69.50	36.77	150.00	348.00	17
10.59	29.38	69.50	40.12	150.00	354.00	17



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)
31.58	23.61	40.00	16.39	200.0	V	4.00	17
62.01	27.34	40.00	12.66	100.0	V	67.00	18
114.27	27.06	43.50	16.44	100.0	V	269.00	18
207.63	25.80	43.50	17.70	100.0	V	333.00	18
541.19	30.94	46.00	15.06	100.0	V	358.00	26
937.44	37.44	46.00	8.56	200.0	H	148.00	32

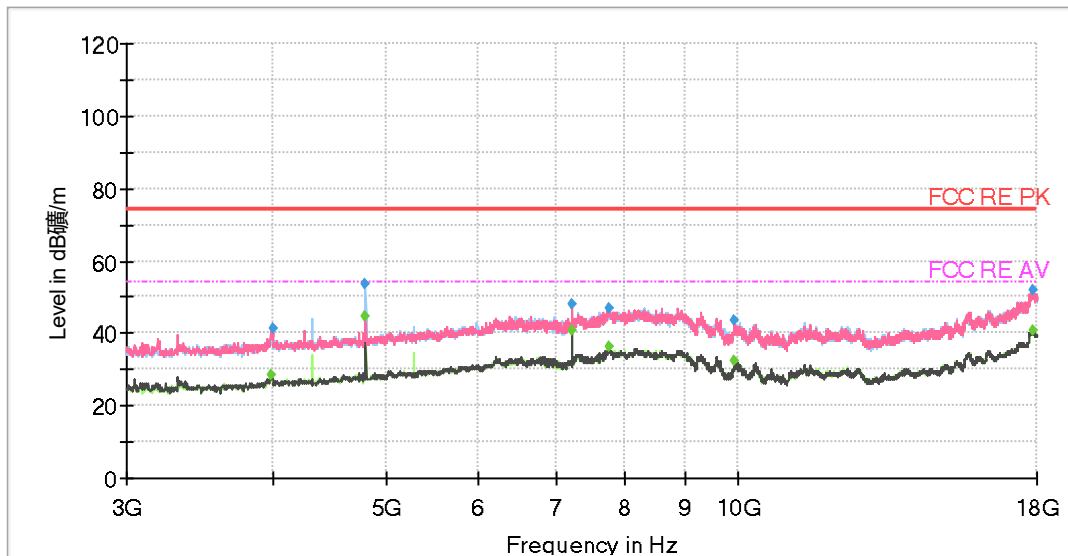
Bluetooth LE-Channel 0



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

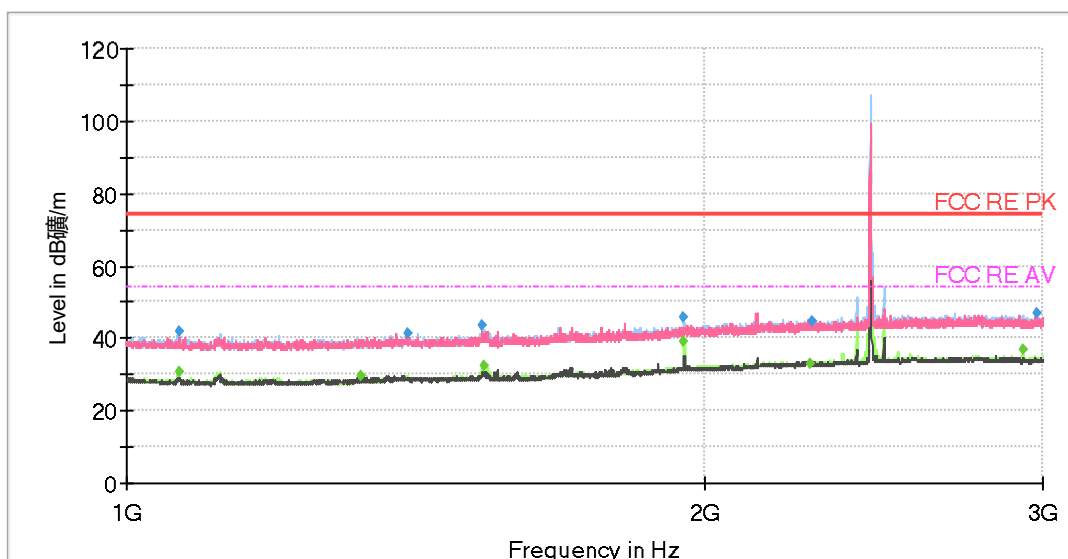
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1117.25	---	30.64	54.00	23.36	500.00	200.0	H	131.00	-12
1120.25	41.81	---	74.00	32.19	500.00	200.0	H	116.00	-12
1293.25	40.99	---	74.00	33.01	500.00	200.0	V	103.00	-11
1390.75	---	30.42	54.00	23.58	500.00	200.0	V	174.00	-11
1703.00	---	32.18	54.00	21.82	500.00	100.0	V	270.00	-10
1706.25	43.35	---	74.00	30.65	500.00	100.0	V	270.00	-10
1921.50	---	38.49	54.00	15.51	500.00	100.0	H	50.00	-9
1985.75	44.07	---	74.00	29.93	500.00	200.0	H	355.00	-8
2238.00	44.64	---	74.00	29.36	500.00	200.0	H	158.00	-7
2251.00	---	33.85	54.00	20.15	500.00	100.0	V	346.00	-7
2599.50	46.92	---	74.00	27.08	500.00	100.0	H	0.00	-6
2883.00	---	35.98	54.00	18.02	500.00	200.0	H	287.00	-5



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)
3982.50	---	28.35	54.00	25.65	500.00	200.0	V	141.00	-11
3995.63	41.42	---	74.00	32.58	500.00	200.0	V	141.00	-11
4803.75	53.57	---	74.00	20.43	500.00	100.0	H	287.00	-10
4803.75	---	44.54	54.00	9.46	500.00	100.0	H	287.00	-10
7205.63	47.96	---	74.00	26.04	500.00	100.0	V	249.00	-2
7205.63	---	40.58	54.00	13.42	500.00	100.0	V	249.00	-2
7749.38	---	36.01	54.00	17.99	500.00	100.0	H	330.00	1
7751.25	46.98	---	74.00	27.02	500.00	100.0	V	18.00	1
9926.25	43.60	---	74.00	30.40	500.00	100.0	H	330.00	1
9933.75	---	32.51	54.00	21.49	500.00	200.0	H	0.00	1
17836.88	---	40.99	54.00	13.01	500.00	100.0	V	0.00	15
17855.63	51.99	---	74.00	22.01	500.00	100.0	H	243.00	15

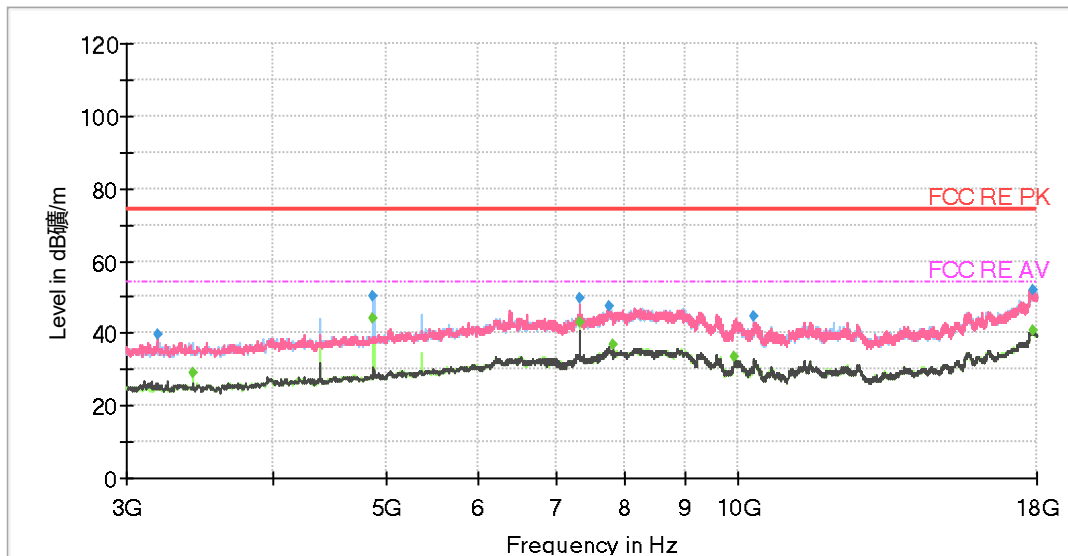
Bluetooth LE-Channel 19



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

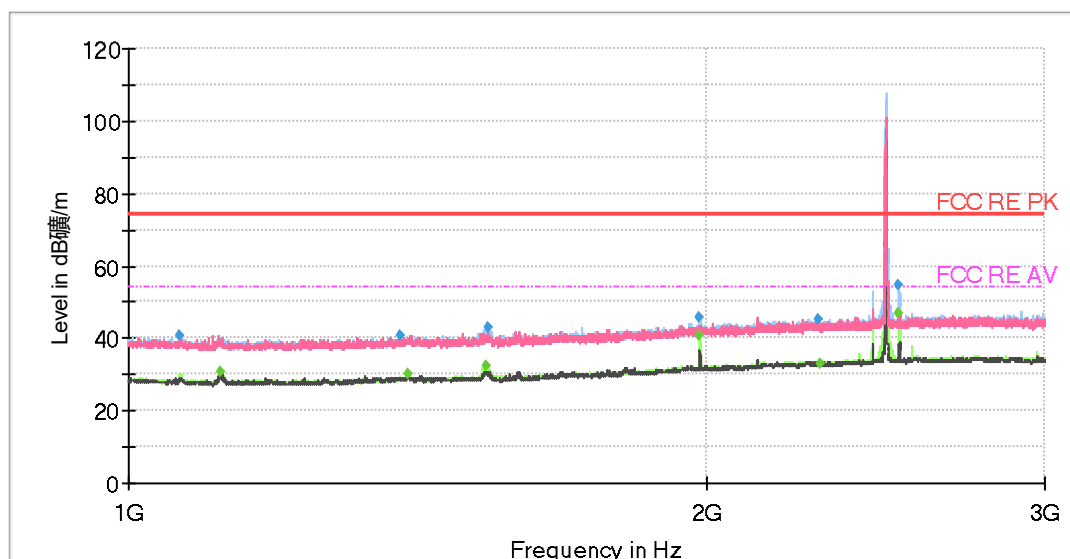
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1064.75	41.85	---	74.00	32.15	500.00	200.0	H	116.00	-12
1065.25	---	30.74	54.00	23.26	500.00	100.0	H	110.00	-12
1325.25	---	29.82	54.00	24.18	500.00	200.0	H	73.00	-11
1400.75	41.22	---	74.00	32.78	500.00	100.0	H	70.00	-11
1531.50	43.34	---	74.00	30.66	500.00	100.0	H	125.00	-11
1535.50	---	32.29	54.00	21.71	500.00	100.0	H	125.00	-11
1951.50	45.96	---	74.00	28.04	500.00	200.0	H	187.00	-8
1951.50	---	38.81	54.00	15.19	500.00	200.0	H	187.00	-8
2272.00	---	33.07	54.00	20.93	500.00	200.0	H	333.00	-7
2274.25	44.75	---	74.00	29.25	500.00	200.0	H	358.00	-7
2928.75	---	36.99	54.00	17.01	500.00	100.0	H	302.00	-5
2977.75	47.08	---	74.00	26.92	500.00	100.0	H	39.00	-4



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)
3185.63	39.49	---	74.00	34.51	500.00	200.0	V	79.00	-14
3414.38	---	28.86	54.00	25.14	500.00	100.0	H	50.00	-14
4878.75	---	44.11	54.00	9.89	500.00	100.0	H	310.00	-10
4878.75	50.34	---	74.00	23.66	500.00	100.0	H	310.00	-10
7320.00	49.61	---	74.00	24.39	500.00	100.0	H	293.00	-1
7320.00	---	42.90	54.00	11.10	500.00	100.0	H	293.00	-1
7745.63	47.24	---	74.00	26.76	500.00	200.0	H	126.00	1
7807.50	---	36.73	54.00	17.27	500.00	100.0	V	93.00	1
9926.25	---	33.21	54.00	20.79	500.00	200.0	H	202.00	1
10314.38	44.40	---	74.00	29.60	500.00	100.0	H	0.00	2
17846.25	---	41.01	54.00	12.99	500.00	100.0	V	139.00	15
17863.13	52.15	---	74.00	21.85	500.00	100.0	V	1.00	15

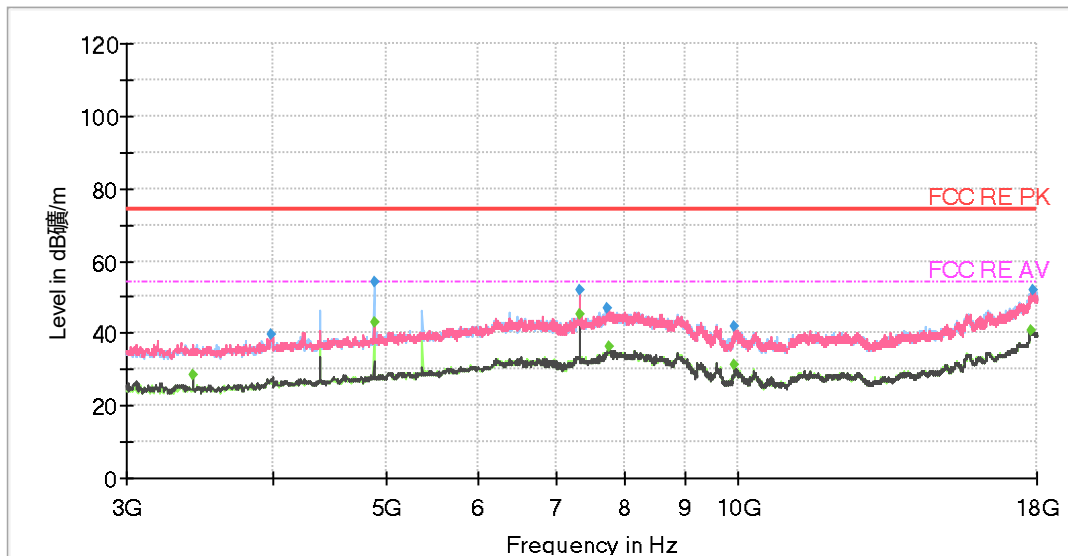
Bluetooth LE-Channel 39



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)
1062.00	40.94	---	74.00	33.06	500.00	100.0	H	115.00	-12
1116.25	---	30.84	54.00	23.16	500.00	200.0	H	239.00	-12
1385.00	40.64	---	74.00	33.36	500.00	200.0	H	343.00	-11
1396.50	---	29.93	54.00	24.07	500.00	100.0	H	3.00	-11
1535.00	---	32.59	54.00	21.41	500.00	100.0	H	20.00	-11
1537.50	43.20	---	74.00	30.80	500.00	200.0	V	42.00	-11
1983.75	45.86	---	74.00	28.14	500.00	200.0	H	225.00	-8
1984.00	---	40.60	54.00	13.40	500.00	200.0	H	37.00	-8
2287.25	45.04	---	74.00	28.96	500.00	200.0	H	354.00	-7
2290.25	---	32.76	54.00	21.24	500.00	200.0	H	343.00	-7
2519.25	---	46.74	54.00	7.26	500.00	200.0	H	239.00	-6
2519.50	54.69	---	74.00	19.31	500.00	200.0	H	239.00	-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)
3416.25	---	28.68	54.00	25.32	500.00	100.0	H	344.00	-14
3980.63	39.79	---	74.00	34.21	500.00	200.0	V	178.00	-11
4880.63	---	42.89	54.00	11.11	500.00	100.0	H	288.00	-10
4882.50	54.27	---	74.00	19.73	500.00	100.0	H	274.00	-10
7321.88	---	45.00	54.00	9.00	500.00	100.0	V	241.00	-1
7323.75	51.95	---	74.00	22.05	500.00	100.0	V	241.00	-1
7734.38	46.81	---	74.00	27.19	500.00	100.0	H	330.00	1
7745.63	---	36.05	54.00	17.95	500.00	100.0	H	355.00	1
9924.38	---	31.09	54.00	22.91	500.00	200.0	V	310.00	1
9928.13	42.02	---	74.00	31.98	500.00	100.0	V	74.00	1
17823.75	---	40.70	54.00	13.30	500.00	100.0	H	300.00	15
17835.00	51.90	---	74.00	22.10	500.00	100.0	V	347.00	15

2. Conducted Emission

2.1. Wi-Fi 2.4GHz

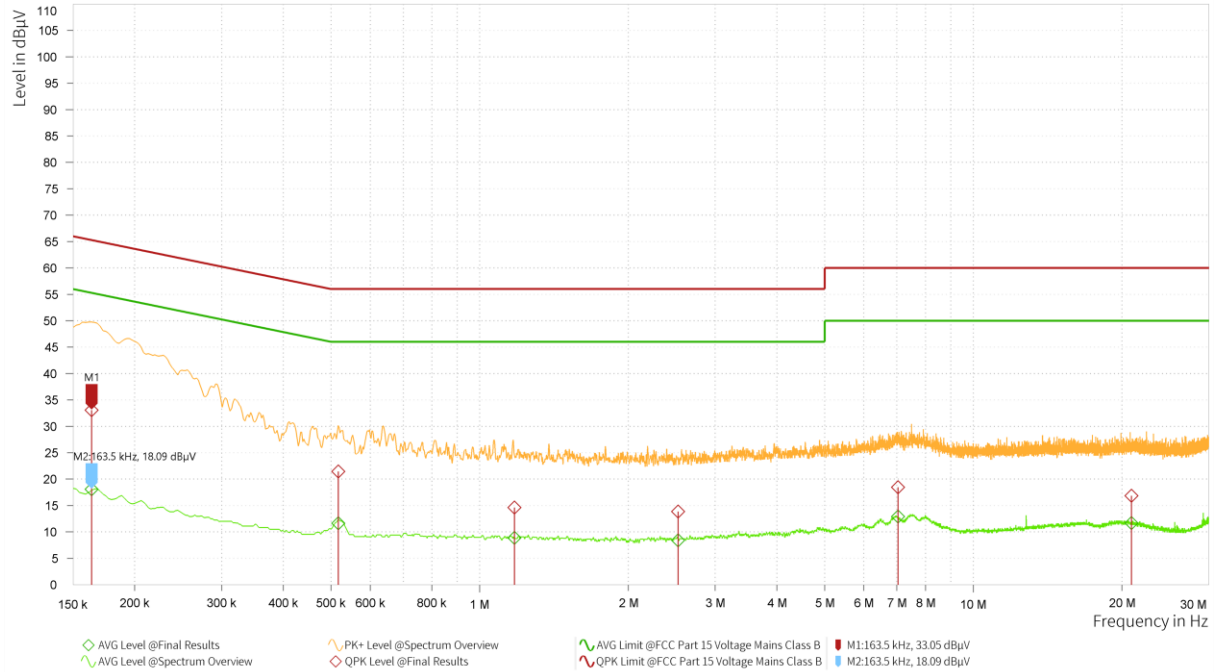
During the test, the Conducted Emission was performed in all modes with all channel. The test data of the worst-case condition (**802.11ax (HE40) 484 Tone CH3**) was recorded in this report.



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]
0.166	36.34	65.17	28.84	18.03	55.17	37.14	20.89	L1	9.000	1.000
0.517	21.51	56.00	34.49	12.32	46.00	33.68	20.76	L1	9.000	1.000
1.426	14.04	56.00	41.96	8.70	46.00	37.30	19.88	L1	9.000	1.000
3.080	13.95	56.00	42.05	8.87	46.00	37.13	19.48	L1	9.000	1.000
7.040	18.36	60.00	41.64	12.79	50.00	37.21	19.41	L1	9.000	1.000
20.290	17.02	60.00	42.98	11.66	50.00	38.34	19.67	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]
0.164	33.05	65.28	32.23	18.09	55.28	37.19	20.90	N	9.000	1.000
0.517	21.44	56.00	34.56	11.61	46.00	34.39	20.77	N	9.000	1.000
1.176	14.62	56.00	41.38	8.89	46.00	37.11	20.04	N	9.000	1.000
2.524	13.84	56.00	42.16	8.41	46.00	37.59	19.55	N	9.000	1.000
7.040	18.45	60.00	41.55	12.90	50.00	37.10	19.41	N	9.000	1.000
20.915	16.83	60.00	43.17	11.67	50.00	38.33	19.74	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 (**Bluetooth LE-Channel 39**) 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]
0.155	41.14	65.75	24.61	20.58	55.75	35.17	20.90	L1	9.000	1.000
0.317	28.45	59.80	31.35	12.99	49.80	36.81	20.93	L1	9.000	1.000
0.753	15.60	56.00	40.40	9.35	46.00	36.65	20.37	L1	9.000	1.000
2.308	14.02	56.00	41.98	8.66	46.00	37.34	19.58	L1	9.000	1.000
7.269	19.38	60.00	40.62	13.37	50.00	36.63	19.41	L1	9.000	1.000
19.772	17.25	60.00	42.75	11.93	50.00	38.07	19.65	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	41.22	65.63	24.41	20.91	55.63	34.73	20.91	N	9.000	1.000
0.517	20.95	56.00	35.05	12.05	46.00	33.95	20.77	N	9.000	1.000
1.417	14.83	56.00	41.17	9.00	46.00	37.00	19.89	N	9.000	1.000
3.017	14.35	56.00	41.65	9.09	46.00	36.91	19.49	N	9.000	1.000
7.316	19.76	60.00	40.24	13.65	50.00	36.35	19.41	N	9.000	1.000
20.456	17.22	60.00	42.78	12.02	50.00	37.98	19.73	N	9.000	1.000

Remark: Correct factor=cable loss + LISN factor

N line Conducted Emission from 150 kHz to 30 MHz