

ANNEX A: Test Result

There is more than one Batteries, each one should be applied throughout the compliance test respectively, and however, only the worst case (Battery 1) will be recorded in this report.

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 (X axis) and the loop antenna is coplanar, the others are vertical and horizontal. and the worst case was recorded.

1. Unwanted Emission

1.1. Bluetooth

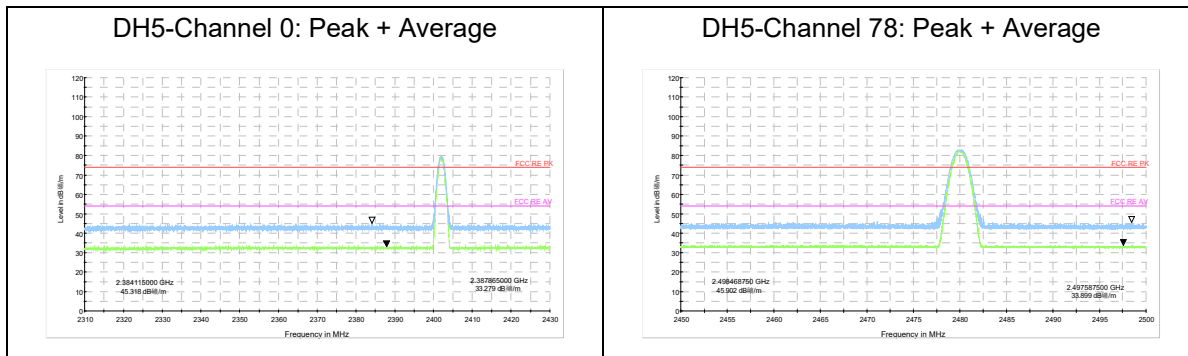
The following graphs display the maximum values of horizontal and vertical by software.

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

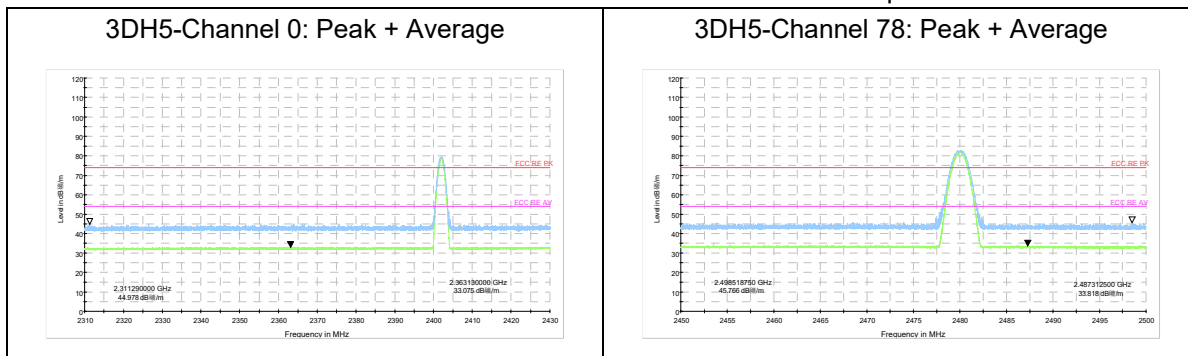
A symbol (dBμV/m) in the test plot below means (dBμV/m)

The signal beyond the limit is carrier.

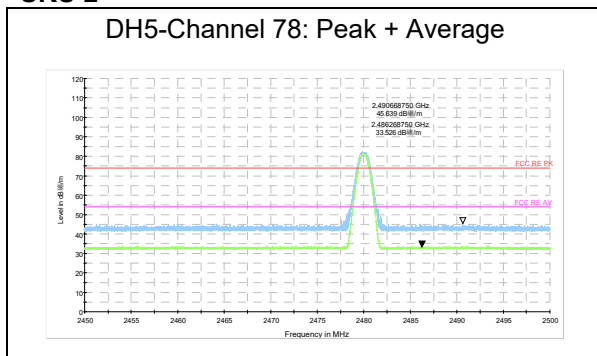
SKU 1



The bandage was performed in all EDR mode (2DH5 and 3DH5), 3DH5 was selected as the worse condition. The test data of the worst-case condition was recorded in this report.



SKU 2



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

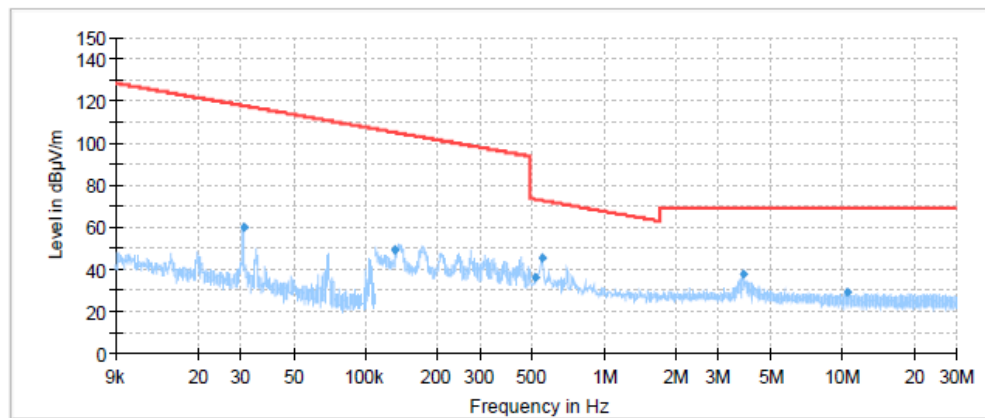
 QP Level @Spectrum Overview H
  QP Level @Spectrum Overview V
  QP Level @Final Results
  QP Limit

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

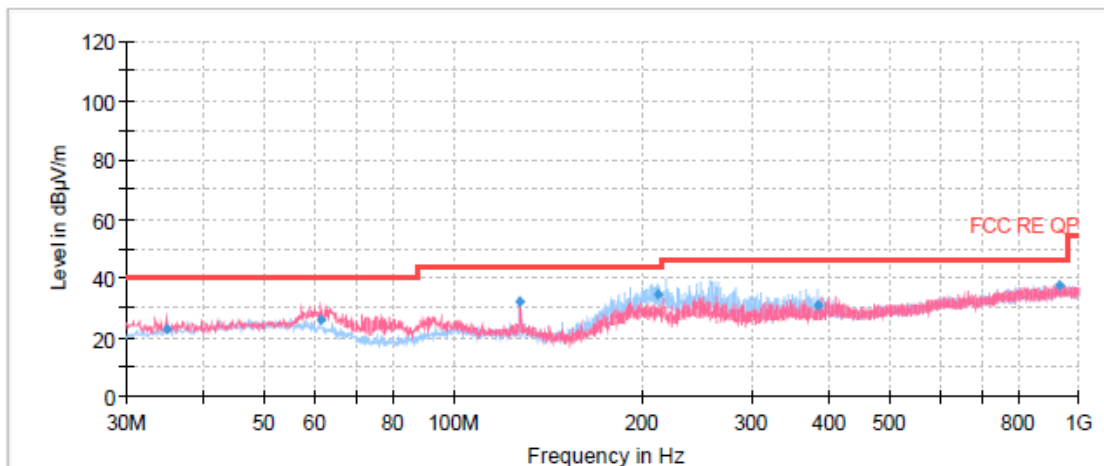
Continuous TX mode:**SKU 1**

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 (DH5-Channel 39) was recorded in this report.

**Final Result**

Frequency (MHz)	MaxPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Azimuth (deg)	Corr. (dB/m)
0.03	60.00	117.84	57.84	500.00	171.00	17
0.13	49.21	105.08	55.87	150.00	147.00	17
0.52	36.52	73.29	36.77	150.00	49.00	17
0.55	45.51	72.81	27.30	150.00	150.00	17
3.81	37.32	69.50	32.18	150.00	3.00	17
10.41	29.23	69.50	40.27	150.00	1.00	17

Radiates Emission from 9kHz to 30MHz

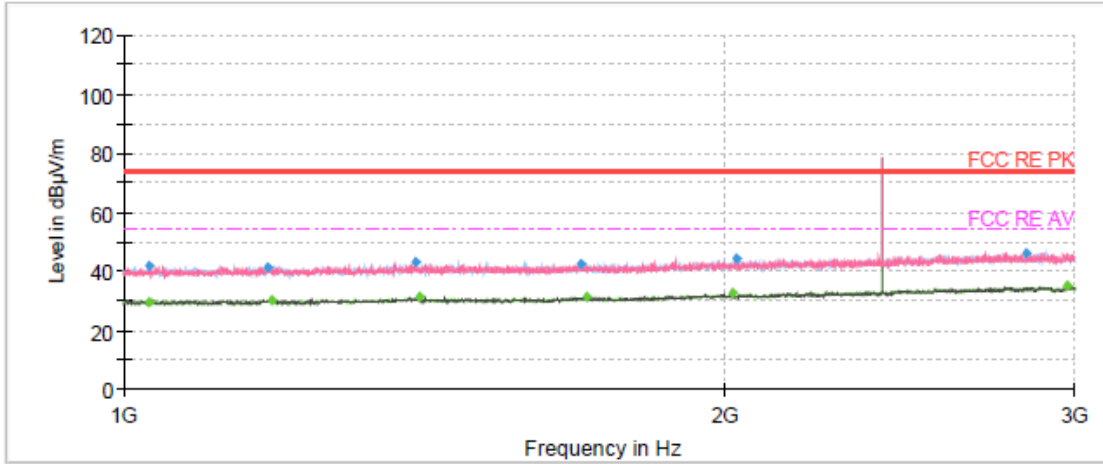


Radiates Emission from 30MHz to 1GHz

Final Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
34.85	22.99	40.00	17.01	1000.00	100.0	V	356.00	18
61.65	25.78	40.00	14.22	1000.00	100.0	V	114.00	18
128.09	31.90	43.50	11.60	1000.00	200.0	H	82.00	16
212.72	34.68	43.50	8.82	1000.00	100.0	H	91.00	18
383.32	30.53	46.00	15.47	1000.00	100.0	H	120.00	23
930.16	37.40	46.00	8.60	1000.00	200.0	V	204.00	32

DH5-Channel 0

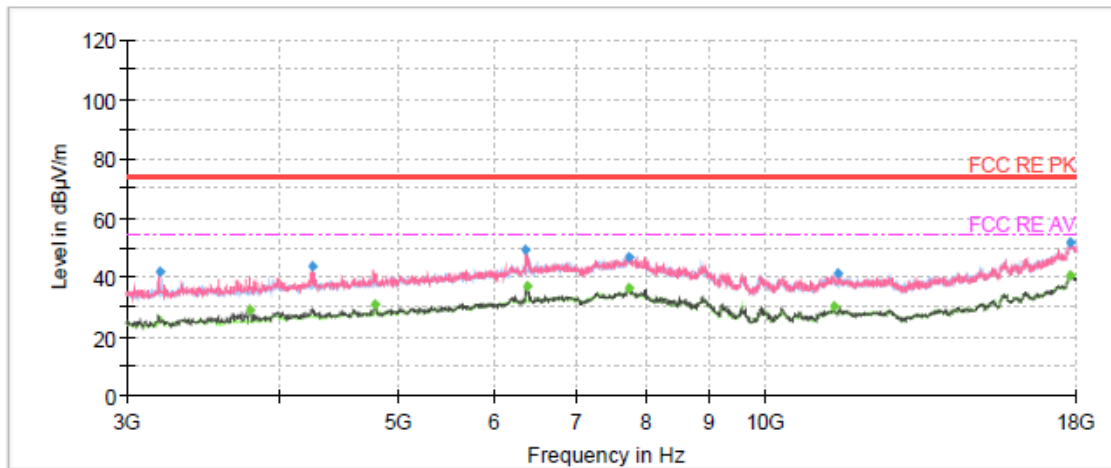


Note: The signal beyond the limit is carrier.

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)
1028.75	---	29.62	54.00	24.38	500.00	200.0	V	258.00	-12
1029.75	41.95	---	74.00	32.05	500.00	100.0	H	53.00	-12
1182.00	41.14	---	74.00	32.86	500.00	100.0	H	4.00	-12
1186.00	---	30.29	54.00	23.71	500.00	100.0	H	28.00	-12
1400.25	42.91	---	74.00	31.09	500.00	200.0	V	48.00	-11
1407.75	---	31.10	54.00	22.90	500.00	200.0	H	166.00	-11
1694.00	42.64	---	74.00	31.36	500.00	200.0	V	10.00	-10
1707.50	---	31.21	54.00	22.79	500.00	200.0	V	84.00	-10
2021.75	---	32.39	54.00	21.61	500.00	200.0	V	124.00	-8
2029.50	44.25	---	74.00	29.75	500.00	200.0	V	59.00	-8
2834.00	46.36	---	74.00	27.64	500.00	100.0	H	16.00	-5
2971.25	---	34.94	54.00	19.06	500.00	200.0	H	285.00	-4

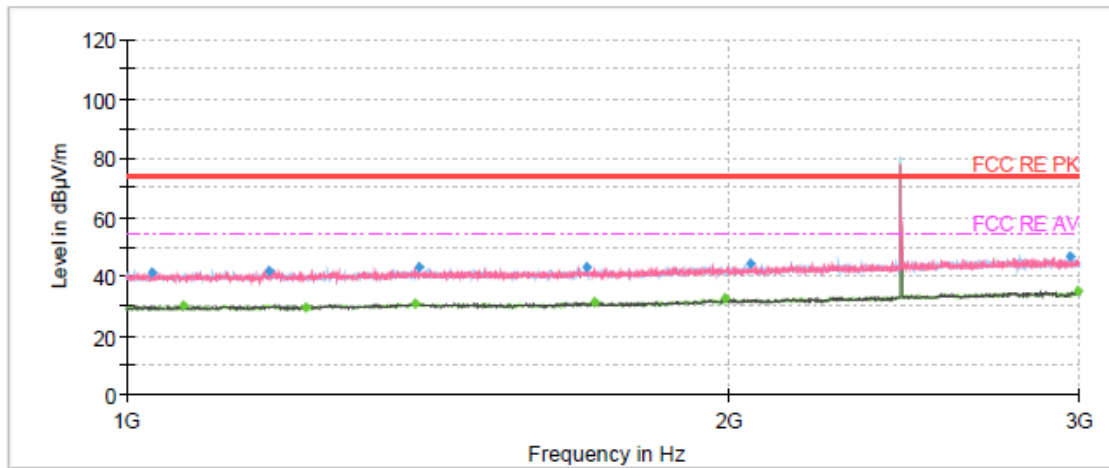


Radiates Emission from 3GHz to 18GHz

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)
3189.38	41.93	---	74.00	32.07	500.00	100.0	V	276.00	-14
3778.13	---	28.90	54.00	25.10	500.00	100.0	V	261.00	-13
4263.75	43.59	---	74.00	30.41	500.00	100.0	V	216.00	-12
4800.00	---	30.76	54.00	23.24	500.00	200.0	V	160.00	-10
6373.13	49.32	---	74.00	24.68	500.00	100.0	V	246.00	-4
6380.63	---	37.10	54.00	16.90	500.00	100.0	V	246.00	-3
7740.00	---	36.09	54.00	17.91	500.00	100.0	V	354.00	1
7741.88	46.94	---	74.00	27.06	500.00	100.0	H	5.00	1
11394.38	---	29.91	54.00	24.09	500.00	100.0	H	326.00	5
11499.38	40.99	---	74.00	33.01	500.00	100.0	V	289.00	6
17812.50	51.96	---	74.00	22.04	500.00	200.0	V	7.00	15
17825.63	---	40.67	54.00	13.33	500.00	100.0	V	338.00	15

DH5-Channel 39

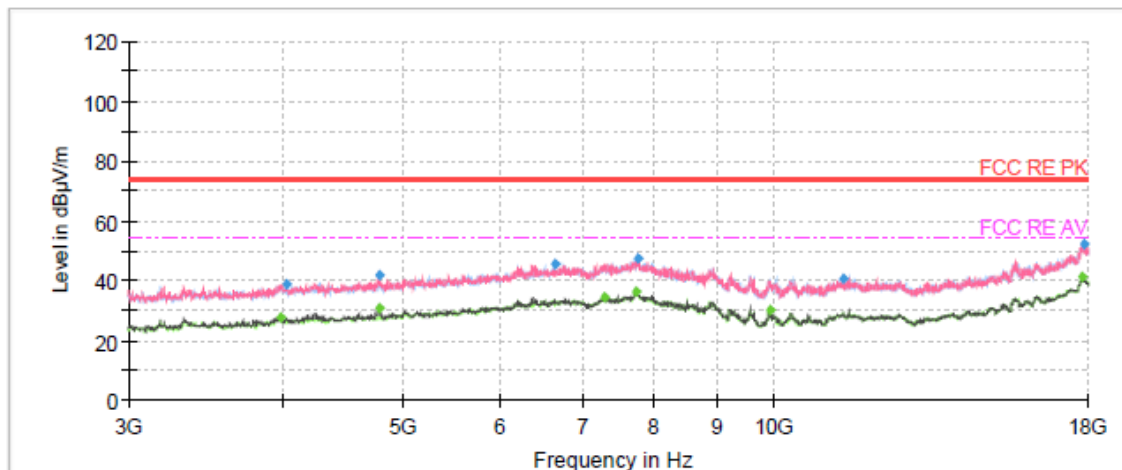


Note: The signal beyond the limit is carrier.

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)
1029.00	41.18	---	74.00	32.82	500.00	100.0	V	82.00	-12
1068.50	---	30.17	54.00	23.83	500.00	200.0	H	69.00	-12
1179.25	41.67	---	74.00	32.33	500.00	200.0	V	8.00	-12
1228.25	---	29.55	54.00	24.45	500.00	200.0	V	3.00	-12
1395.25	---	30.84	54.00	23.16	500.00	100.0	H	113.00	-11
1400.00	43.33	---	74.00	30.67	500.00	100.0	V	150.00	-11
1697.50	43.15	---	74.00	30.85	500.00	100.0	H	8.00	-10
1713.50	---	31.23	54.00	22.77	500.00	200.0	V	278.00	-10
1994.25	---	32.32	54.00	21.68	500.00	200.0	H	298.00	-8
2053.75	44.12	---	74.00	29.88	500.00	100.0	V	0.00	-8
2968.25	46.47	---	74.00	27.53	500.00	100.0	H	0.00	-5
2991.50	---	34.82	54.00	19.18	500.00	200.0	V	140.00	-4

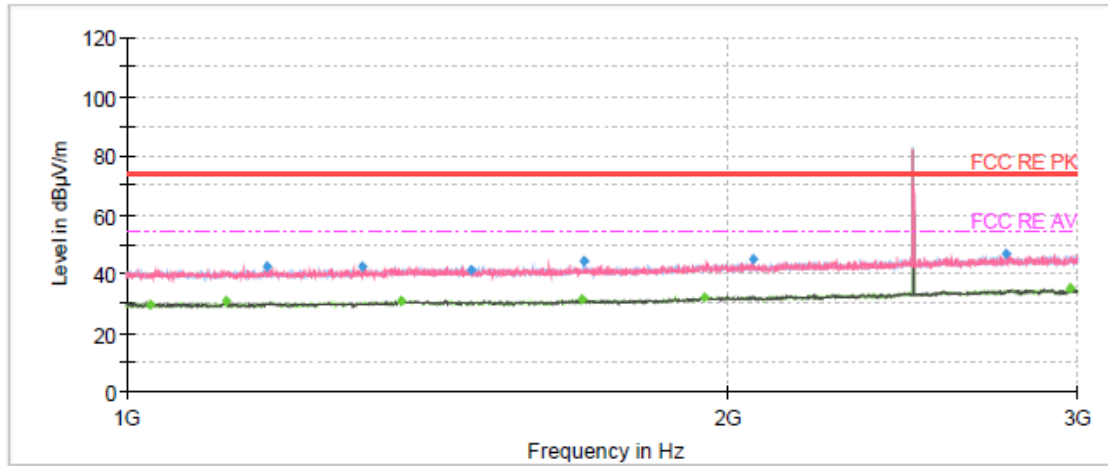


Radiates Emission from 3GHz to 18GHz

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)
3984.38	---	27.84	54.00	26.16	500.00	100.0	V	0.00	-11
4031.25	38.66	---	74.00	35.34	500.00	200.0	V	157.00	-12
4790.63	---	30.82	54.00	23.18	500.00	200.0	V	142.00	-11
4790.63	41.88	---	74.00	32.12	500.00	100.0	V	94.00	-11
6654.38	45.77	---	74.00	28.23	500.00	200.0	H	64.00	-3
7303.13	---	34.37	54.00	19.63	500.00	200.0	V	127.00	-1
7745.63	---	36.12	54.00	17.88	500.00	100.0	V	357.00	1
7753.13	47.42	---	74.00	26.58	500.00	100.0	V	325.00	1
9926.25	---	30.22	54.00	23.78	500.00	200.0	V	46.00	1
11377.50	40.82	---	74.00	33.18	500.00	200.0	V	0.00	5
17823.75	---	40.92	54.00	13.08	500.00	200.0	H	349.00	15
17838.75	52.11	---	74.00	21.89	500.00	200.0	H	245.00	15

DH5-Channel 78

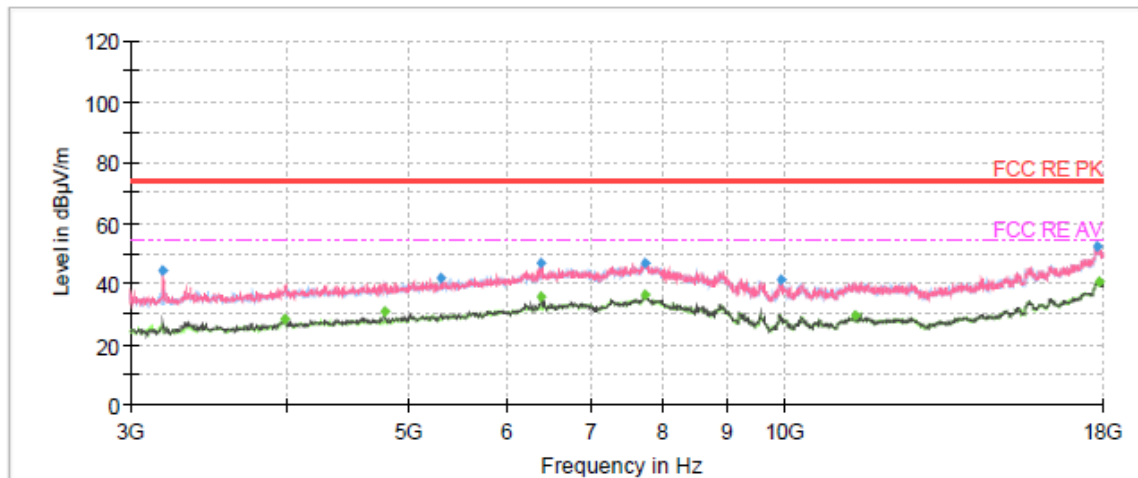


Note: The signal beyond the limit is carrier.

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)
1027.25	---	29.38	54.00	24.62	500.00	100.0	H	0.00	-12
1120.50	---	30.50	54.00	23.50	500.00	100.0	H	127.00	-12
1176.50	42.16	---	74.00	31.84	500.00	200.0	H	354.00	-12
1312.25	42.65	---	74.00	31.35	500.00	200.0	H	19.00	-11
1372.00	---	30.95	54.00	23.05	500.00	100.0	H	87.00	-11
1487.25	41.50	---	74.00	32.50	500.00	100.0	H	2.00	-11
1692.75	---	31.13	54.00	22.87	500.00	100.0	V	220.00	-10
1693.75	44.12	---	74.00	29.88	500.00	100.0	H	2.00	-10
1950.00	---	32.28	54.00	21.72	500.00	200.0	H	0.00	-8
2063.00	44.75	---	74.00	29.25	500.00	200.0	H	258.00	-8
2762.75	46.46	---	74.00	27.54	500.00	100.0	V	344.00	-5
2971.50	---	35.00	54.00	19.00	500.00	100.0	H	1.00	-4



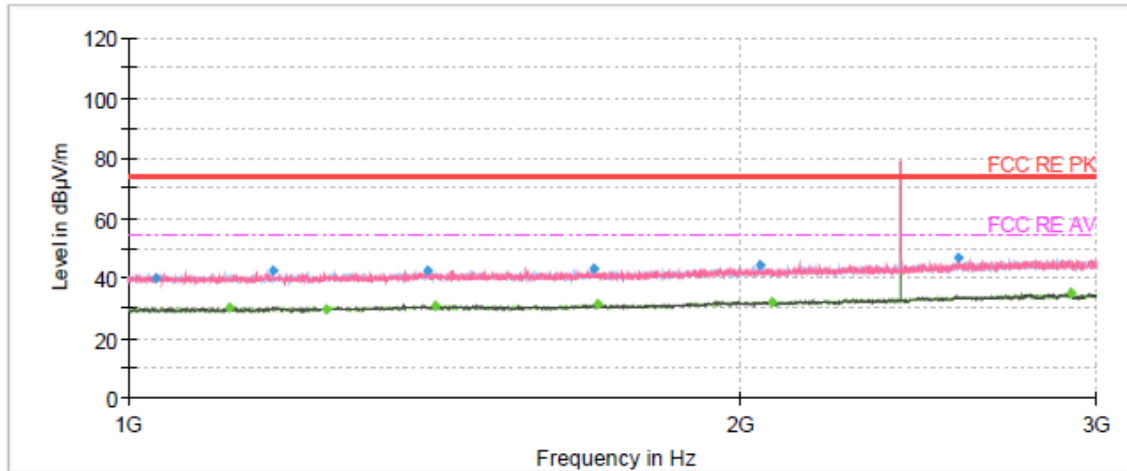
Radiates Emission from 3GHz to 18GHz

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)
3187.50	44.38	---	74.00	29.62	500.00	200.0	V	190.00	-14
3988.13	---	28.26	54.00	25.74	500.00	200.0	V	129.00	-11
4788.75	---	30.46	54.00	23.54	500.00	200.0	V	144.00	-11
5315.63	41.87	---	74.00	32.13	500.00	200.0	V	113.00	-9
6382.50	---	35.65	54.00	18.35	500.00	100.0	V	229.00	-3
6384.38	47.00	---	74.00	27.00	500.00	100.0	V	214.00	-3
7725.00	47.07	---	74.00	26.93	500.00	100.0	H	0.00	1
7736.25	---	36.13	54.00	17.87	500.00	100.0	V	138.00	1
9937.50	40.96	---	74.00	33.04	500.00	200.0	H	356.00	1
11381.25	---	29.69	54.00	24.31	500.00	100.0	V	300.00	5
17814.38	52.09	---	74.00	21.91	500.00	200.0	V	16.00	15
17840.63	---	40.49	54.00	13.51	500.00	100.0	V	330.00	15

The Radiates Emission was performed in all EDR mode (2DH5 and 3DH5), 3DH5 was selected as the worse condition. The test data of the worst-case condition was recorded in this report.

3DH5-Channel 0

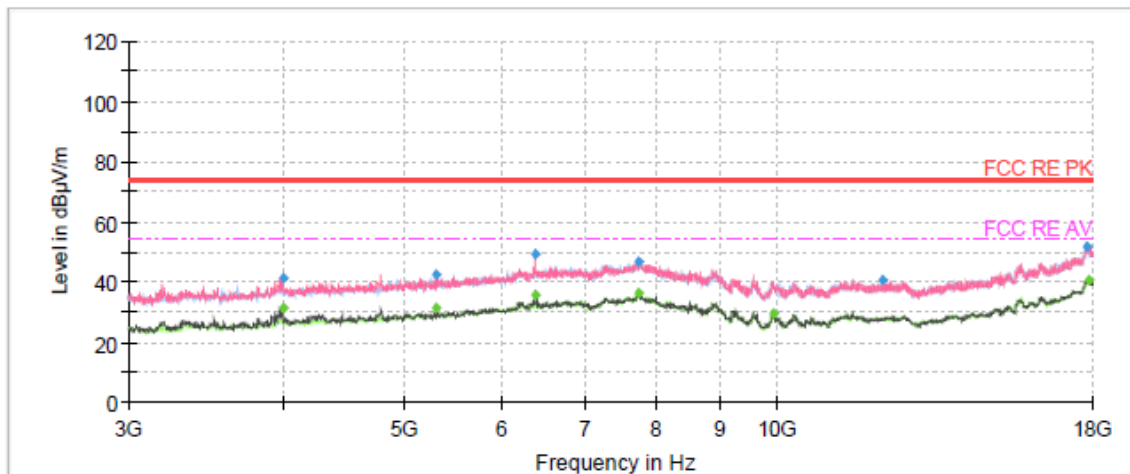


Note: The signal beyond the limit is carrier.

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)
1031.50	39.71	---	74.00	34.29	500.00	200.0	H	0.00	-12
1122.25	---	30.39	54.00	23.61	500.00	200.0	V	201.00	-12
1178.25	42.33	---	74.00	31.67	500.00	200.0	V	80.00	-12
1253.00	---	29.68	54.00	24.32	500.00	200.0	H	224.00	-12
1402.75	42.42	---	74.00	31.58	500.00	100.0	H	19.00	-11
1417.00	---	30.93	54.00	23.07	500.00	200.0	V	161.00	-11
1694.50	42.96	---	74.00	31.04	500.00	100.0	H	25.00	-10
1704.25	---	31.17	54.00	22.83	500.00	200.0	V	201.00	-10
2048.75	44.52	---	74.00	29.48	500.00	200.0	H	264.00	-8
2075.25	---	32.30	54.00	21.70	500.00	200.0	H	359.00	-8
2564.25	46.50	---	74.00	27.50	500.00	200.0	H	349.00	-5
2912.00	---	34.89	54.00	19.11	500.00	100.0	V	340.00	-5

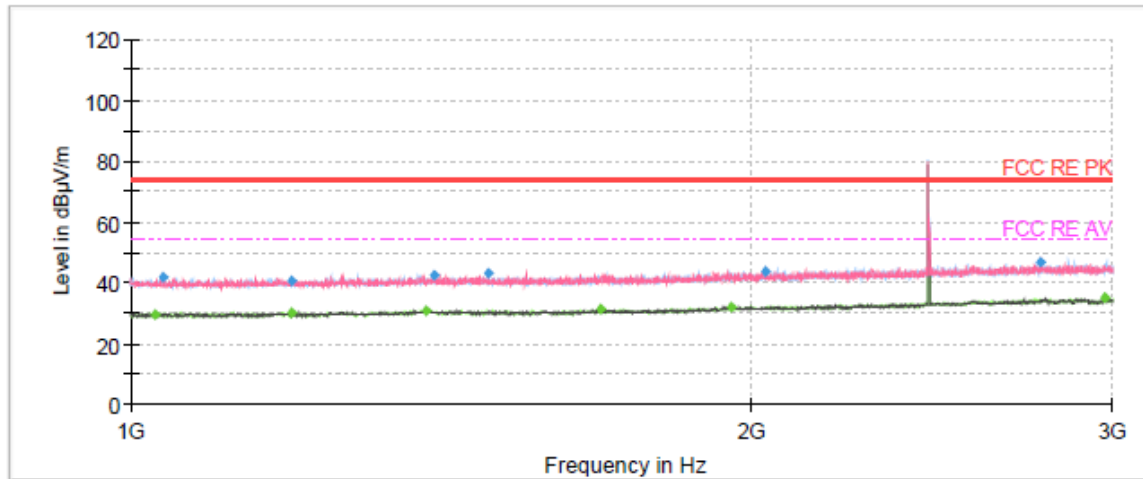


Radiates Emission from 3GHz to 18GHz

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)
3995.63	---	31.22	54.00	22.78	500.00	100.0	V	78.00	-11
3997.50	41.20	---	74.00	32.80	500.00	100.0	V	78.00	-11
5311.88	42.66	---	74.00	31.34	500.00	100.0	V	61.00	-9
5311.88	---	31.38	54.00	22.62	500.00	100.0	V	61.00	-9
6382.50	49.25	---	74.00	24.75	500.00	100.0	V	46.00	-3
6386.25	---	35.50	54.00	18.50	500.00	200.0	V	86.00	-3
7732.50	47.01	---	74.00	26.99	500.00	100.0	H	60.00	1
7740.00	---	36.02	54.00	17.98	500.00	100.0	V	332.00	1
9924.38	---	29.80	54.00	24.20	500.00	200.0	H	0.00	1
12157.50	40.58	---	74.00	33.42	500.00	200.0	V	254.00	6
17818.13	51.85	---	74.00	22.15	500.00	100.0	V	357.00	15
17840.63	---	40.73	54.00	13.27	500.00	100.0	H	4.00	15

3DH5-Channel 39

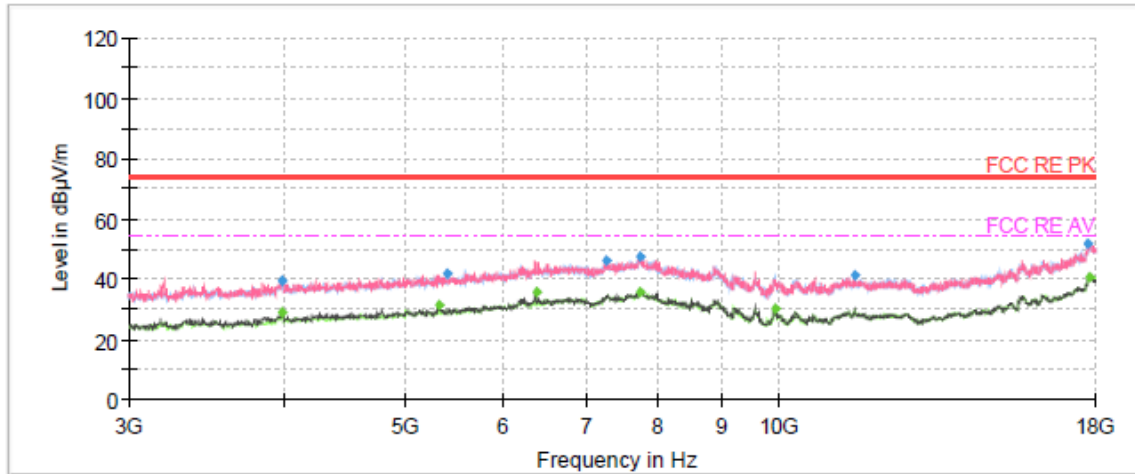


Note: The signal beyond the limit is carrier.

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)
1028.00	---	29.63	54.00	24.37	500.00	100.0	H	18.00	-12
1037.50	41.69	---	74.00	32.31	500.00	100.0	H	237.00	-12
1196.25	---	30.12	54.00	23.88	500.00	100.0	H	201.00	-12
1197.25	40.59	---	74.00	33.41	500.00	100.0	H	106.00	-12
1390.25	---	31.03	54.00	22.97	500.00	100.0	V	337.00	-11
1405.00	42.46	---	74.00	31.54	500.00	100.0	H	0.00	-11
1492.25	42.91	---	74.00	31.09	500.00	200.0	V	330.00	-11
1693.25	---	31.11	54.00	22.89	500.00	200.0	V	0.00	-10
1957.00	---	32.23	54.00	21.77	500.00	200.0	V	52.00	-8
2036.00	43.95	---	74.00	30.05	500.00	100.0	H	262.00	-8
2764.00	46.90	---	74.00	27.10	500.00	100.0	V	253.00	-5
2970.25	---	34.91	54.00	19.09	500.00	100.0	H	0.00	-4

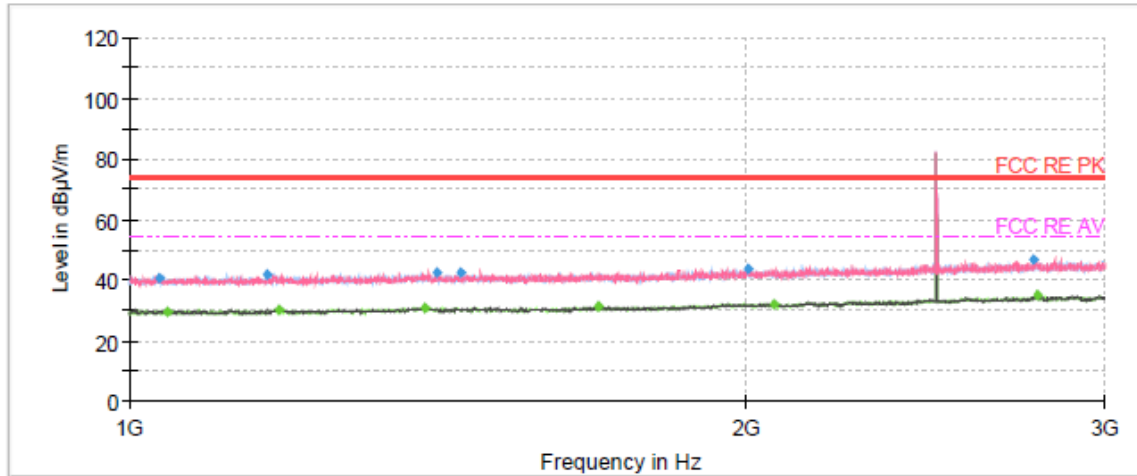


Radiates Emission from 3GHz to 18GHz

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)
3984.38	39.42	---	74.00	34.58	500.00	100.0	V	0.00	-11
3991.88	---	28.91	54.00	25.09	500.00	100.0	V	0.00	-11
5332.50	---	31.66	54.00	22.34	500.00	100.0	V	214.00	-8
5411.25	41.64	---	74.00	32.36	500.00	200.0	H	78.00	-8
6390.00	---	35.77	54.00	18.23	500.00	100.0	V	78.00	-3
7276.88	46.28	---	74.00	27.72	500.00	100.0	V	245.00	-1
7741.88	---	35.96	54.00	18.04	500.00	200.0	V	23.00	1
7745.63	47.68	---	74.00	26.32	500.00	200.0	V	222.00	1
9924.38	---	29.96	54.00	24.04	500.00	100.0	H	5.00	1
11503.13	41.41	---	74.00	32.59	500.00	100.0	V	78.00	6
17756.25	51.77	---	74.00	22.23	500.00	200.0	H	200.00	14
17829.38	---	40.69	54.00	13.31	500.00	100.0	V	358.00	15

3DH5-Channel 78

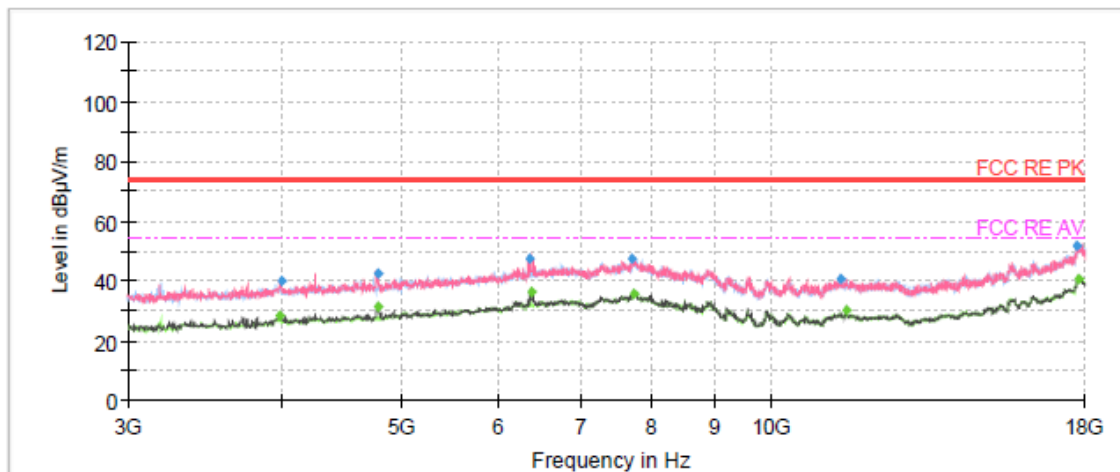


Note: The signal beyond the limit is carrier.

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)
1033.25	40.75	---	74.00	33.25	500.00	200.0	H	1.00	-12
1042.75	---	29.40	54.00	24.60	500.00	200.0	V	0.00	-12
1166.75	41.90	---	74.00	32.10	500.00	100.0	H	195.00	-12
1182.25	---	30.28	54.00	23.72	500.00	200.0	H	0.00	-12
1395.00	---	30.78	54.00	23.22	500.00	100.0	H	99.00	-11
1412.50	42.42	---	74.00	31.58	500.00	200.0	V	14.00	-11
1451.00	42.65	---	74.00	31.35	500.00	200.0	H	335.00	-11
1697.00	---	31.08	54.00	22.92	500.00	100.0	H	291.00	-10
2005.00	43.98	---	74.00	30.02	500.00	200.0	V	14.00	-8
2064.25	---	32.20	54.00	21.80	500.00	200.0	H	320.00	-8
2765.75	46.67	---	74.00	27.33	500.00	200.0	V	47.00	-5
2777.00	---	35.10	54.00	18.90	500.00	100.0	V	0.00	-5



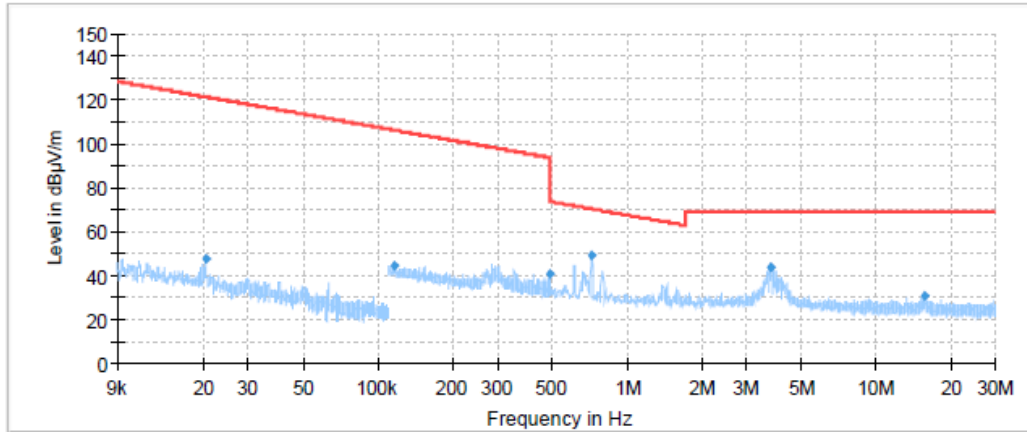
Radiates Emission from 3GHz to 18GHz

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)
3991.88	---	28.56	54.00	25.44	500.00	200.0	V	155.00	-11
3997.50	40.00	---	74.00	34.00	500.00	100.0	V	359.00	-11
4794.38	---	31.29	54.00	22.71	500.00	100.0	V	78.00	-10
4794.38	42.33	---	74.00	31.67	500.00	200.0	V	138.00	-10
6365.63	47.47	---	74.00	26.53	500.00	100.0	V	248.00	-4
6376.88	---	36.50	54.00	17.50	500.00	100.0	V	248.00	-3
7711.88	47.19	---	74.00	26.81	500.00	200.0	H	300.00	1
7730.63	---	35.97	54.00	18.04	500.00	100.0	V	157.00	1
11396.25	40.78	---	74.00	33.22	500.00	200.0	H	356.00	5
11501.25	---	29.87	54.00	24.13	500.00	100.0	V	0.00	6
17760.00	51.85	---	74.00	22.15	500.00	200.0	H	185.00	14
17825.63	---	40.80	54.00	13.20	500.00	200.0	V	124.00	15

SKU 2

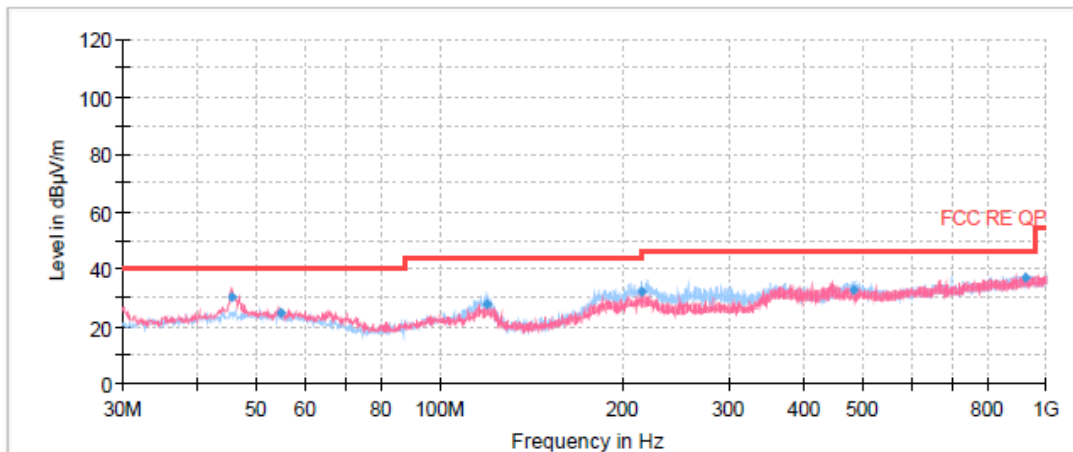
DH5-Channel 39



Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Azimuth (deg)	Corr. (dB/m)
0.02	47.47	121.45	73.98	500.00	182.00	17
0.12	44.67	106.35	61.68	150.00	153.00	17
0.49	40.87	93.80	52.93	150.00	128.00	17
0.72	48.88	70.43	21.55	150.00	77.00	17
3.74	44.21	69.50	25.29	150.00	185.00	17
15.70	30.99	69.50	38.51	150.00	309.00	17

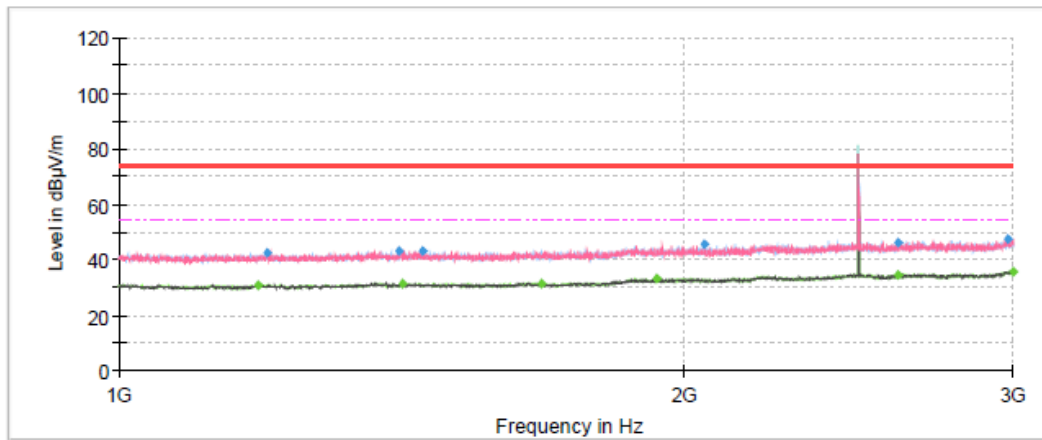
Radiates Emission from 9kHz to 30MHz



Final Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
45.52	30.29	40.00	9.71	1000.00	100.0	V	9.00	20
54.74	24.44	40.00	15.56	1000.00	100.0	V	186.00	20
120.09	27.88	43.50	15.62	1000.00	199.0	H	202.00	17
215.27	32.17	43.50	11.33	1000.00	100.0	H	114.00	18
481.78	32.83	46.00	13.17	1000.00	200.0	H	49.00	25
923.98	36.92	46.00	9.08	1000.00	100.0	V	9.00	31

Radiates Emission from 30MHz to 1GHz

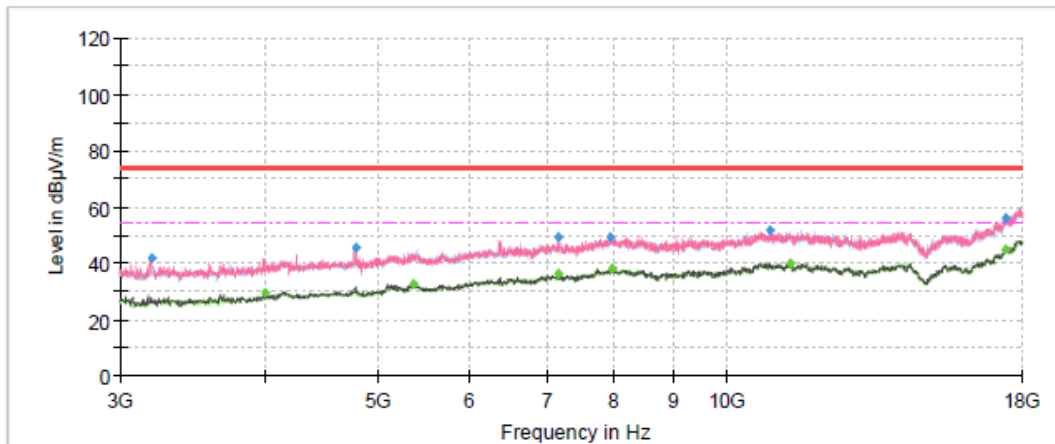


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1186.00	---	30.88	54.00	23.12	500.00	200.0	H	311.00	-13
1199.25	42.34	---	74.00	31.66	500.00	100.0	V	334.00	-12
1410.75	43.23	---	74.00	30.77	500.00	200.0	V	124.00	-12
1416.75	---	31.62	54.00	22.38	500.00	200.0	V	0.00	-12
1451.00	43.15	---	74.00	30.85	500.00	100.0	H	40.00	-12
1679.25	---	31.56	54.00	22.44	500.00	200.0	V	124.00	-11
1934.25	---	33.28	54.00	20.72	500.00	100.0	H	61.00	-9
2053.00	45.29	---	74.00	28.71	500.00	200.0	V	207.00	-9
2601.50	46.41	---	74.00	27.59	500.00	100.0	H	290.00	-6
2603.00	---	34.46	54.00	19.54	500.00	100.0	V	97.00	-6
2978.75	47.22	---	74.00	26.78	500.00	100.0	H	111.00	-4
2997.25	---	35.99	54.00	18.01	500.00	200.0	V	289.00	-4

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)
3193.13	41.91	---	74.00	32.09	500.00	200.0	V	155.00	-14
3995.63	---	29.44	54.00	24.56	500.00	100.0	V	142.00	-12
4785.00	45.40	---	74.00	28.60	500.00	100.0	V	36.00	-10
5371.88	---	32.76	54.00	21.24	500.00	100.0	V	0.00	-7
7168.13	49.02	---	74.00	24.98	500.00	100.0	V	81.00	-3
7170.00	---	36.21	54.00	17.79	500.00	100.0	V	81.00	-3
7936.88	49.45	---	74.00	24.55	500.00	100.0	H	46.00	0
7983.75	---	37.99	54.00	16.01	500.00	100.0	V	348.00	0
10910.63	51.44	---	74.00	22.56	500.00	100.0	H	249.00	2
11338.13	---	39.92	54.00	14.08	500.00	200.0	V	10.00	2
17409.38	56.20	---	74.00	17.80	500.00	100.0	V	322.00	11
17441.25	---	45.07	54.00	8.93	500.00	100.0	V	301.00	11

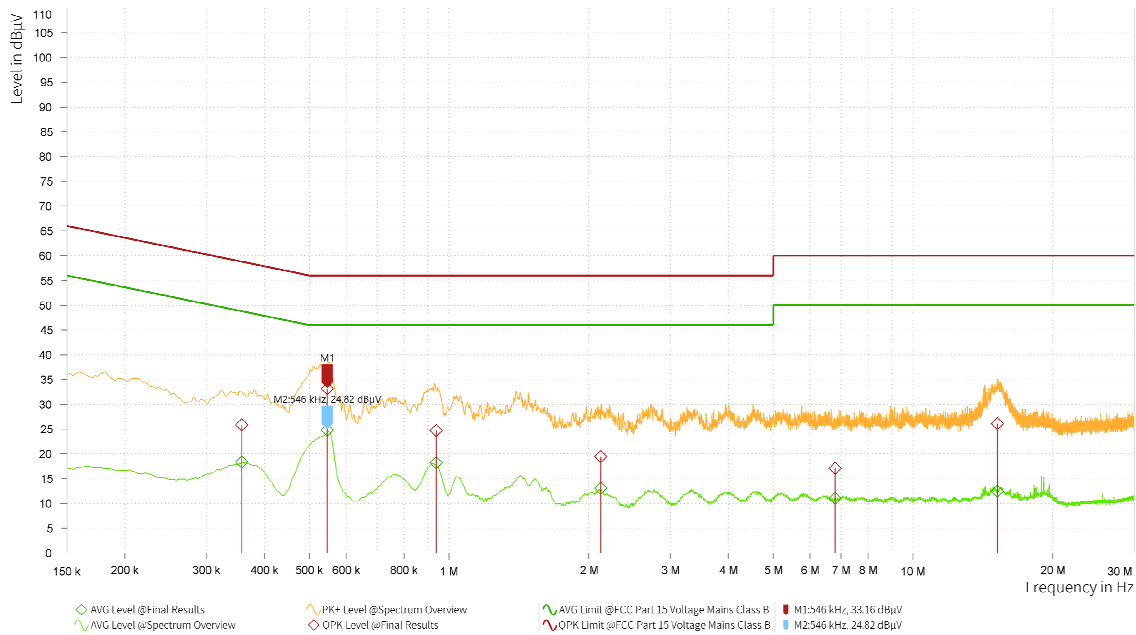
Radiates Emission from 3GHz to 18GHz

2. Conducted Emission

2.1. Bluetooth

During the test, the Conducted Emission was performed in all modes with all channels. The test data of the worst-case condition (DH5-Channel 39) was recorded in this report.

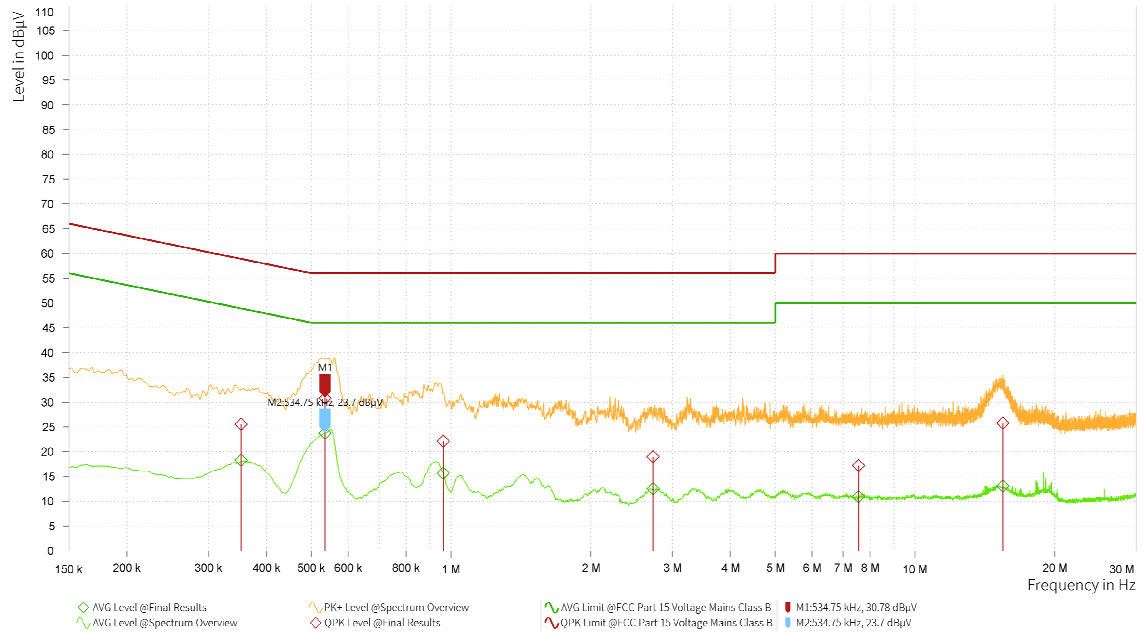
SKU 1



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]
0.357	25.85	58.80	32.95	18.37	48.80	30.43	21.25	L1	9.000	1.000
0.546	33.16	56.00	22.84	24.82	46.00	21.18	21.08	L1	9.000	1.000
0.938	24.71	56.00	31.29	18.22	46.00	27.78	20.51	L1	9.000	1.000
2.123	19.47	56.00	36.53	13.10	46.00	32.90	19.98	L1	9.000	1.000
6.799	17.09	60.00	42.91	10.99	50.00	39.01	19.71	L1	9.000	1.000
15.212	26.09	60.00	33.91	12.50	50.00	37.50	19.77	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]
0.353	25.52	58.90	33.38	18.28	48.90	30.62	21.20	N	9.000	1.000
0.535	30.78	56.00	25.22	23.70	46.00	22.30	21.03	N	9.000	1.000
0.962	22.08	56.00	33.92	15.66	46.00	30.34	20.53	N	9.000	1.000
2.726	19.00	56.00	37.00	12.52	46.00	33.48	19.85	N	9.000	1.000
7.555	17.15	60.00	42.85	10.93	50.00	39.07	19.72	N	9.000	1.000
15.477	25.77	60.00	34.23	13.06	50.00	36.94	19.82	N	9.000	1.000

Remark: Correct factor=cable loss + LISN factor

N line Conducted Emission from 150 kHz to 30 MHz

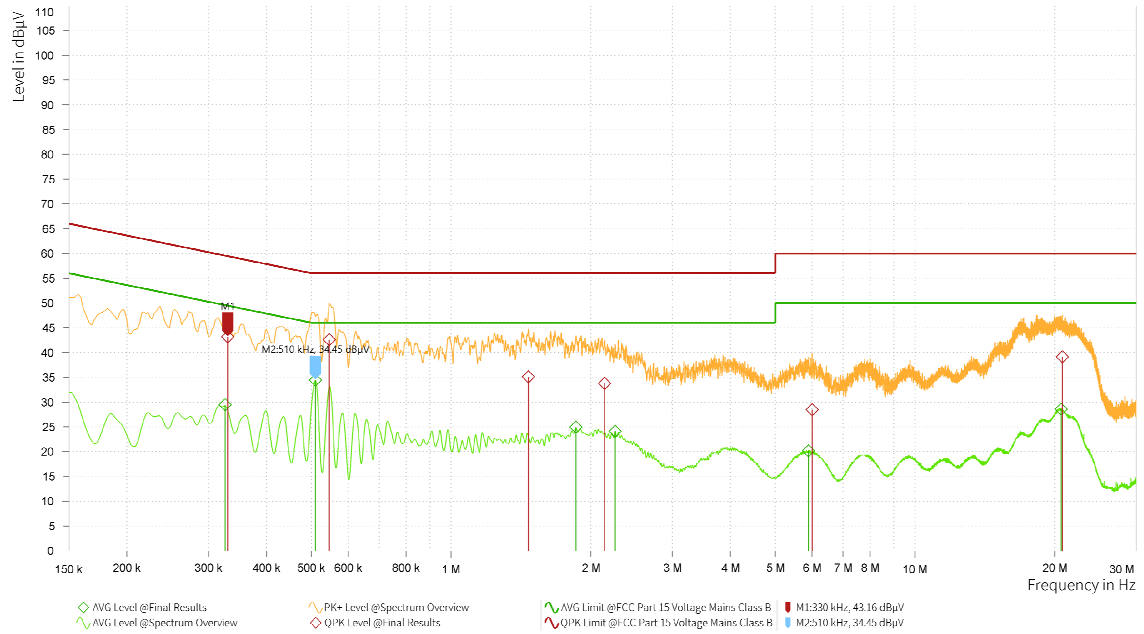
SKU 2



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]
0.317	--	--	--	29.78	49.80	20.02	21.26	L1	9.000	1.000
0.328	43.04	59.51	16.47	--	--	--	21.27	L1	9.000	1.000
0.508	--	--	--	34.70	46.00	11.30	21.12	L1	9.000	1.000
0.546	43.34	56.00	12.66	--	--	--	21.08	L1	9.000	1.000
0.983	--	--	--	25.46	46.00	20.54	20.47	L1	9.000	1.000
1.685	34.56	56.00	21.44	--	--	--	20.10	L1	9.000	1.000
2.216	33.31	56.00	22.69	--	--	--	19.95	L1	9.000	1.000
2.254	--	--	--	23.82	46.00	22.18	19.95	L1	9.000	1.000
5.582	27.83	60.00	32.17	--	--	--	19.73	L1	9.000	1.000
5.712	--	--	--	19.89	50.00	30.11	19.73	L1	9.000	1.000
18.377	38.34	60.00	21.66	--	--	--	19.89	L1	9.000	1.000
20.312	--	--	--	28.19	50.00	21.81	19.96	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]
0.326	--	--	--	29.45	49.57	20.11	21.22	N	9.000	1.000
0.330	43.16	59.45	16.29	--	--	--	21.22	N	9.000	1.000
0.510	--	--	--	34.45	46.00	11.55	21.04	N	9.000	1.000
0.546	42.59	56.00	13.41	--	--	--	21.02	N	9.000	1.000
1.469	35.10	56.00	20.90	--	--	--	20.17	N	9.000	1.000
1.858	--	--	--	24.97	46.00	21.03	20.00	N	9.000	1.000
2.141	33.78	56.00	22.22	--	--	--	19.92	N	9.000	1.000
2.258	--	--	--	24.09	46.00	21.91	19.90	N	9.000	1.000
5.894	--	--	--	20.18	50.00	29.82	19.76	N	9.000	1.000
6.002	28.48	60.00	31.52	--	--	--	19.75	N	9.000	1.000
20.679	--	--	--	28.54	50.00	21.46	20.09	N	9.000	1.000
20.796	39.14	60.00	20.86	--	--	--	20.10	N	9.000	1.000

Remark: Correct factor=cable loss + LISN factor

N line Conducted Emission from 150 kHz to 30 MHz