

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.

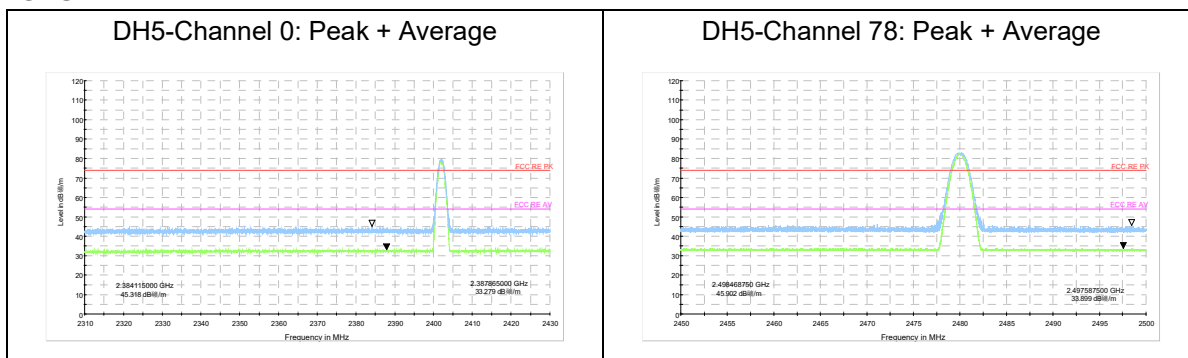
Blue trace uses the peak detection, Green trace uses the average detection.

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

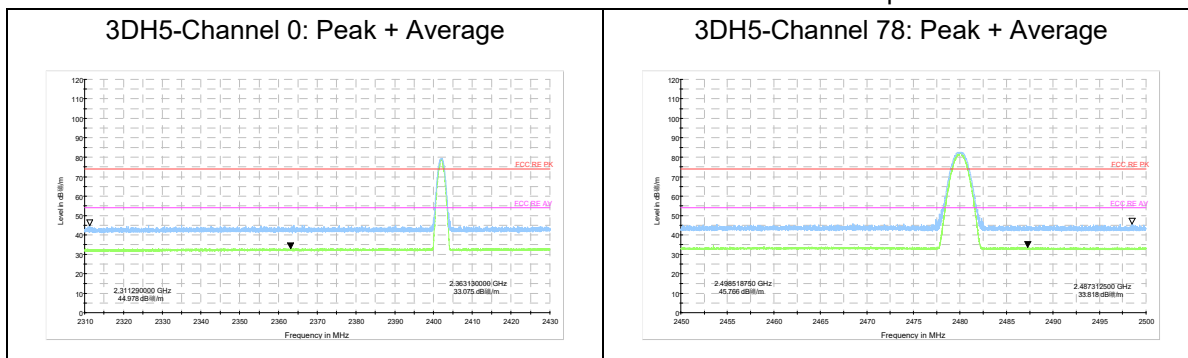
The signal beyond the limit is carrier.

Original

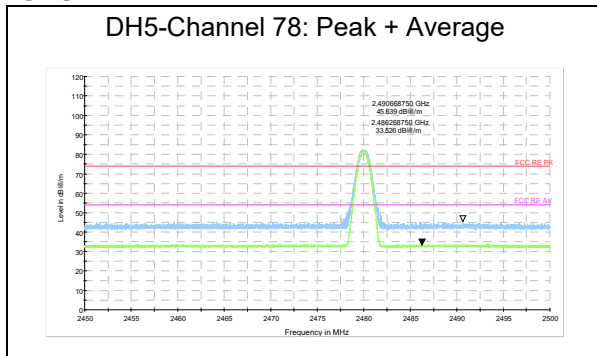
SKU 1



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.

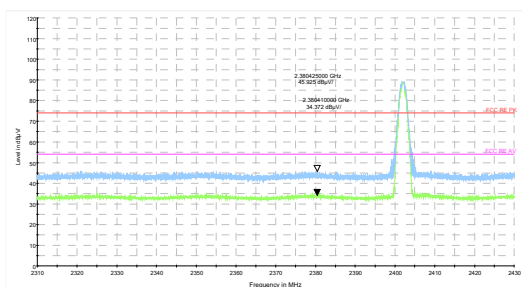


SKU 2

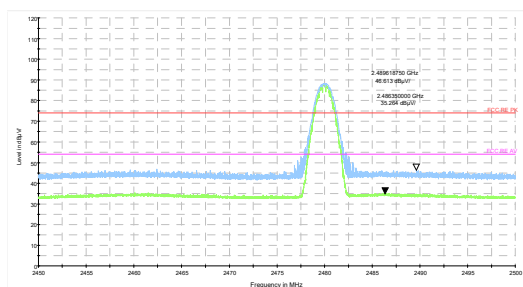


Variant
SKU3

DH5-Channel 0: Peak + Average



DH5-Channel 78: 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/) 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

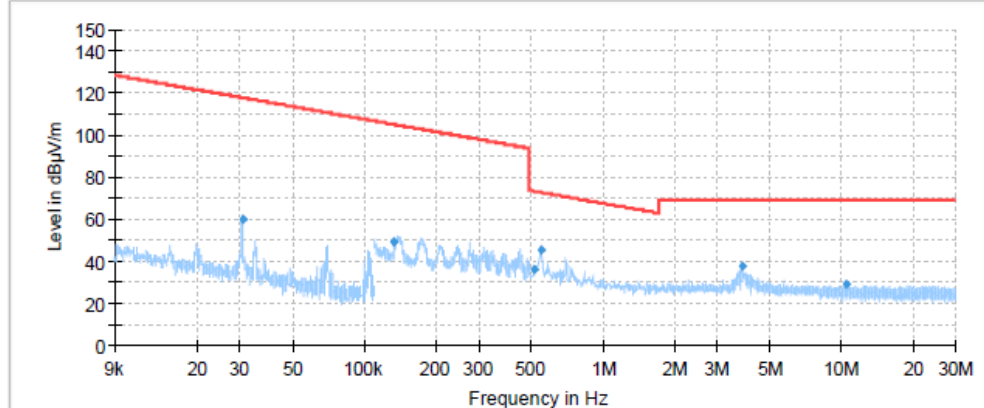
 AVG Level @Spectrum Overview H
  AVG Level @Spectrum Overview V
  AVG Level @Final Results
  AVG Limit

Continuous TX mode:

Original

SKU 1

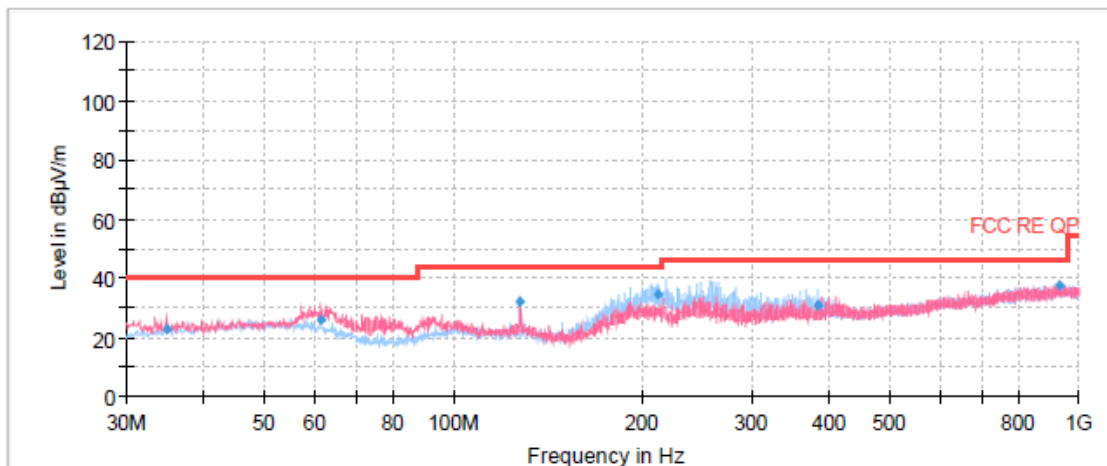
During the test, the Radiates Emission from 9kHz to 1GHz was performed in all modes with all channels. The test data of the worst-case condition (DH5-Channel 39) was recorded in this report.



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

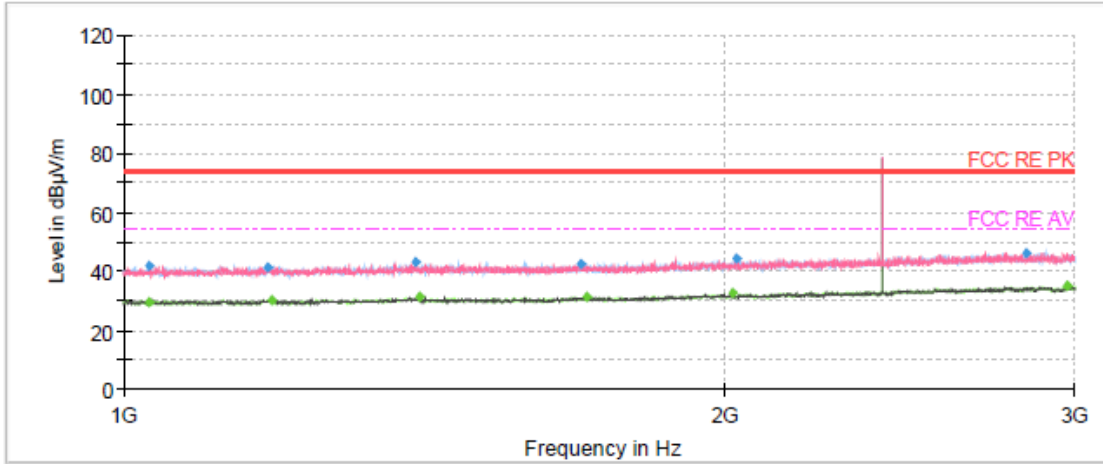


Radiates Emission from 30MHz to 1GHz

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

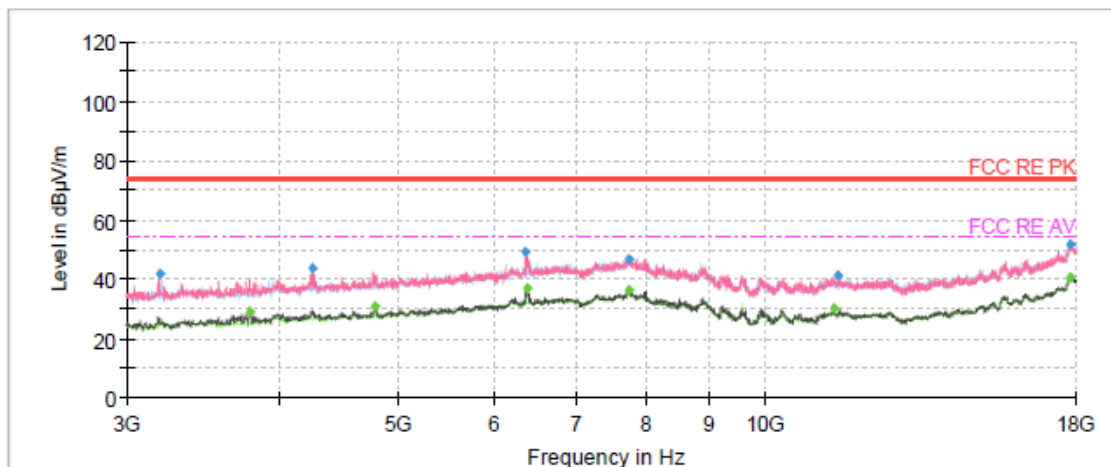


Note: The signal beyond the limit is carrier.

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

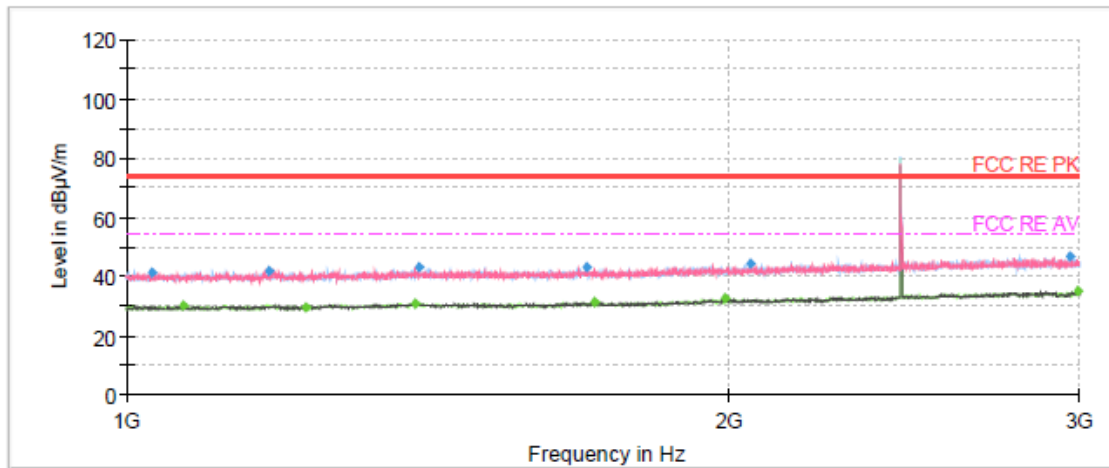


Radiates Emission from 3GHz to 18GHz

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

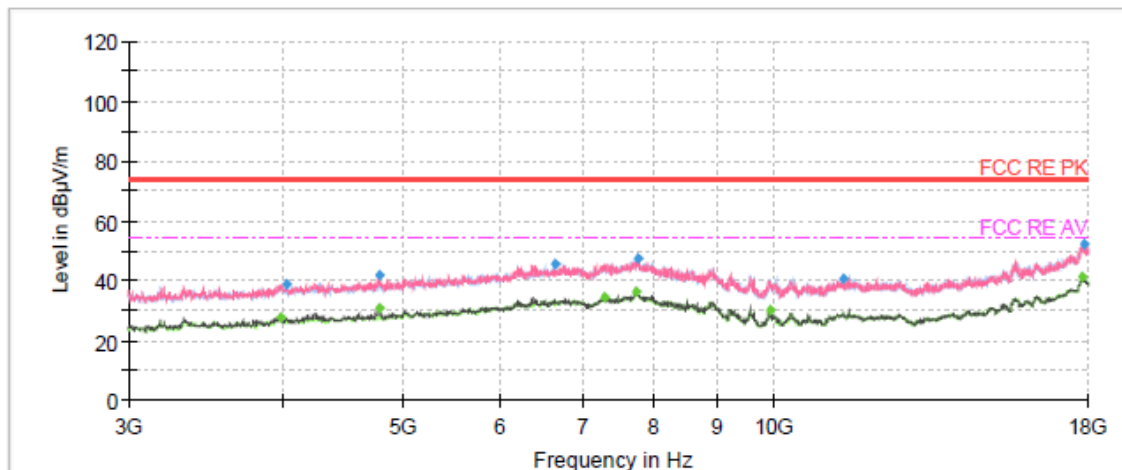


Note: The signal beyond the limit is carrier.

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

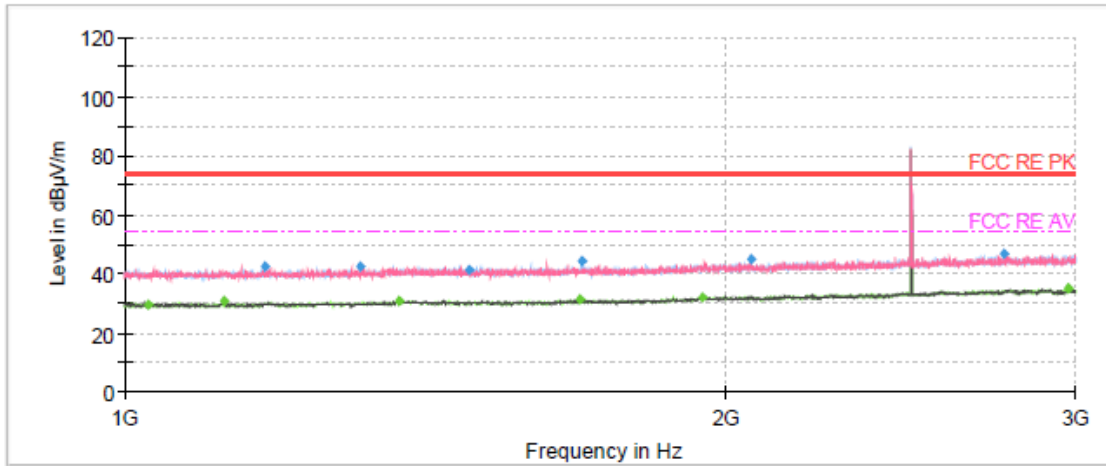


Radiates Emission from 3GHz to 18GHz

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

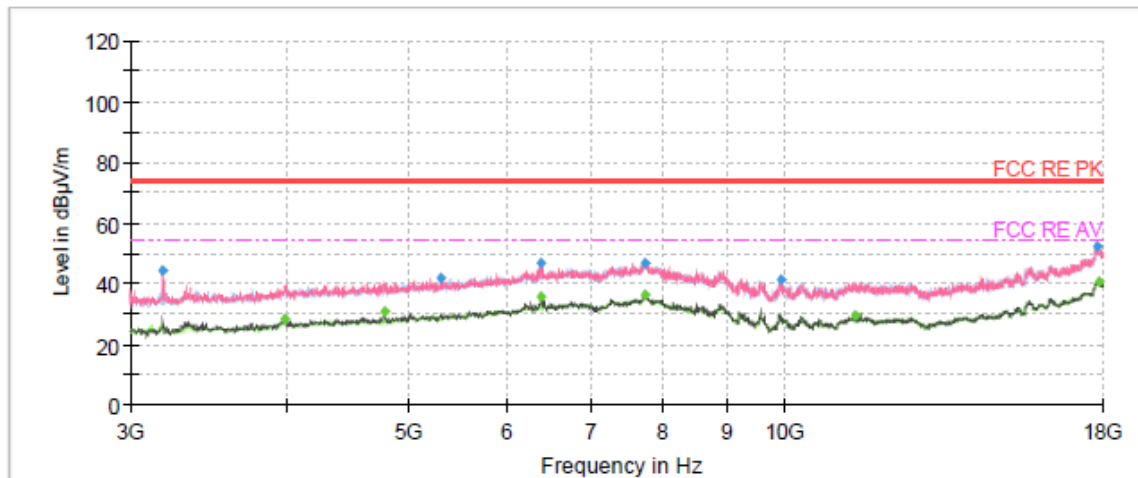


Note: The signal beyond the limit is carrier.

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



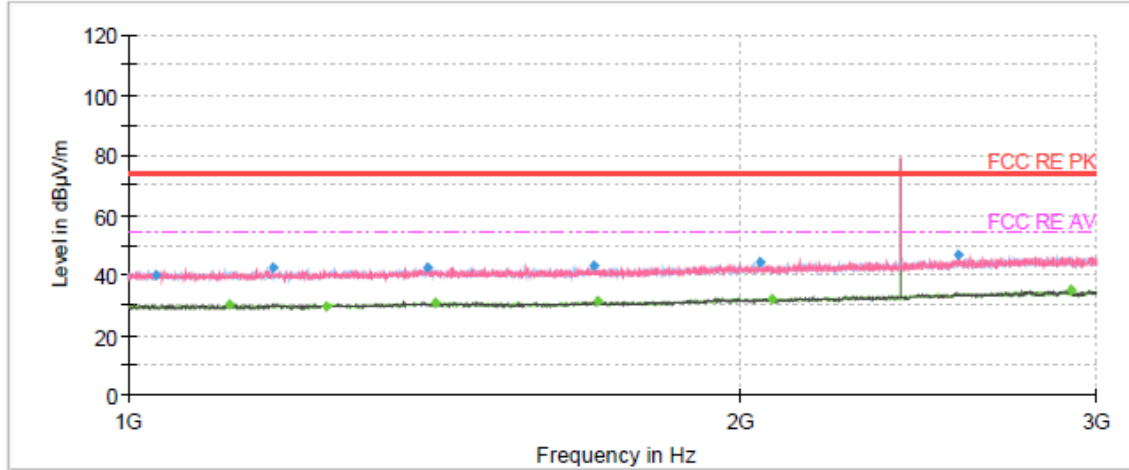
Radiates Emission from 3GHz to 18GHz

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

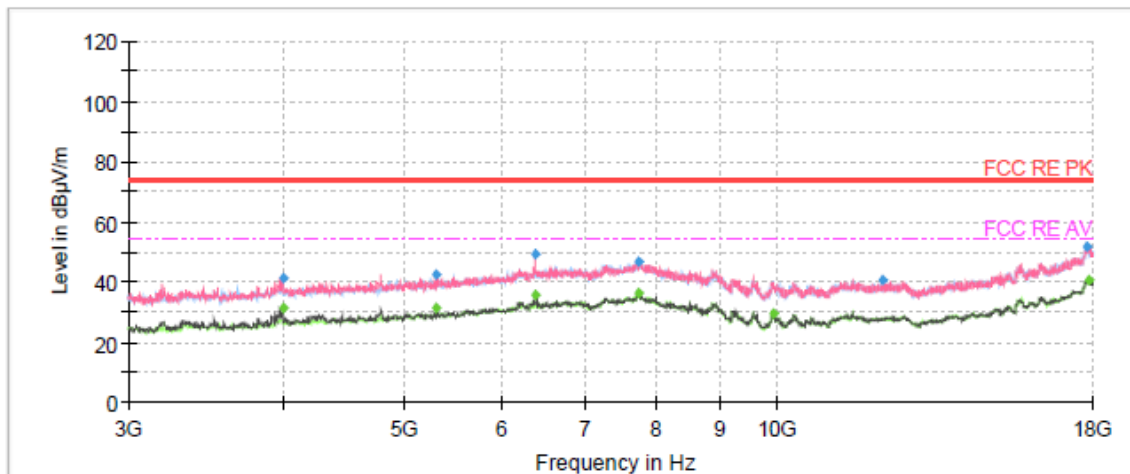


Note: The signal beyond the limit is carrier.

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

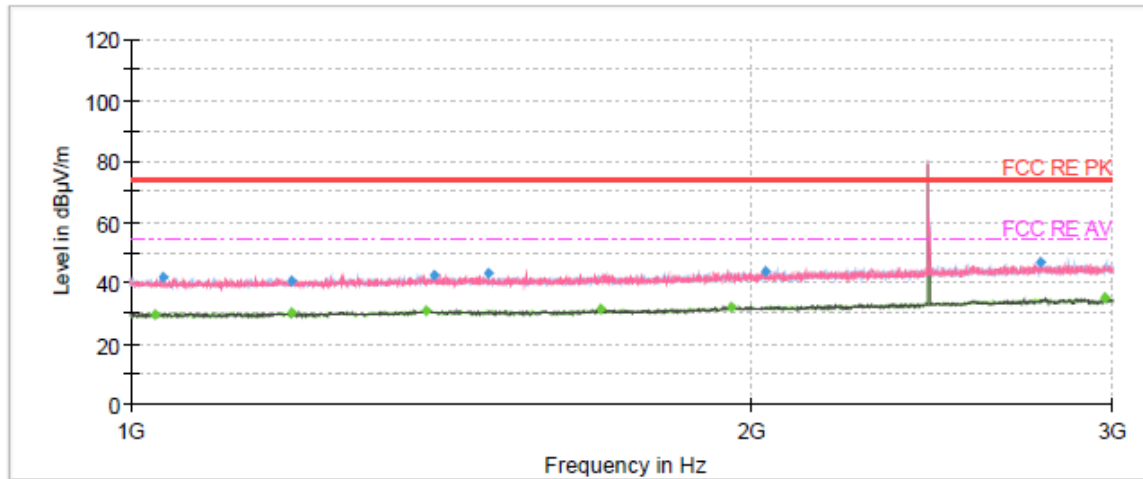


Radiates Emission from 3GHz to 18GHz

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

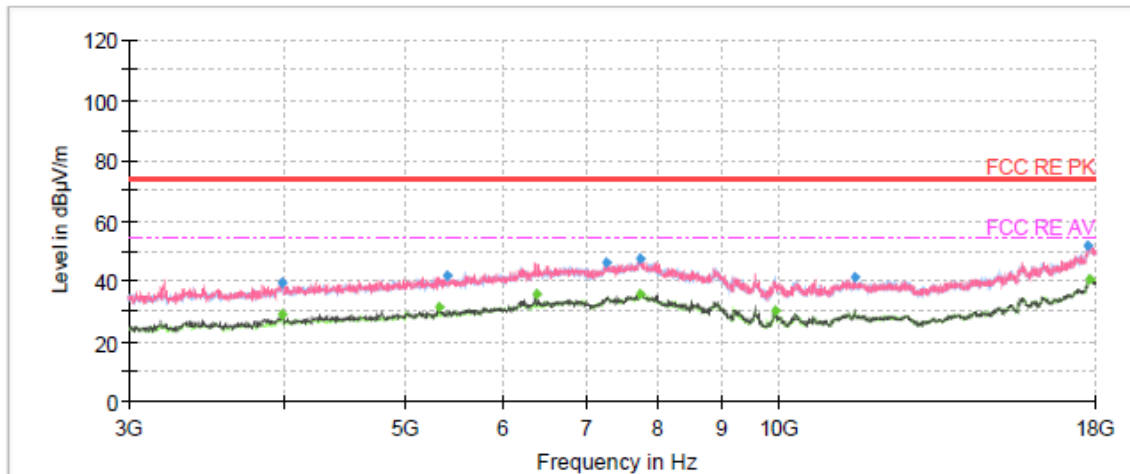
3DH5-Channel 39



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

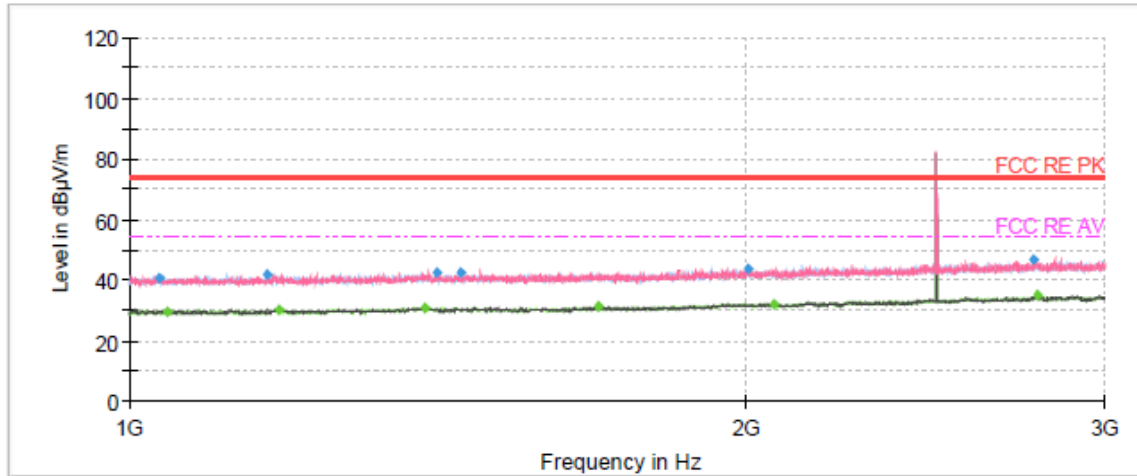


Radiates Emission from 3GHz to 18GHz

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

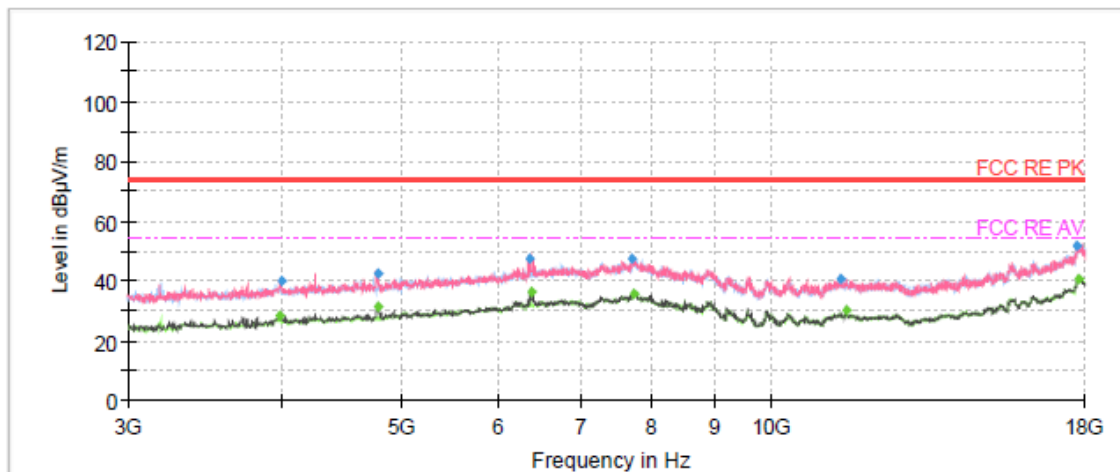


Note: The signal beyond the limit is carrier.

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



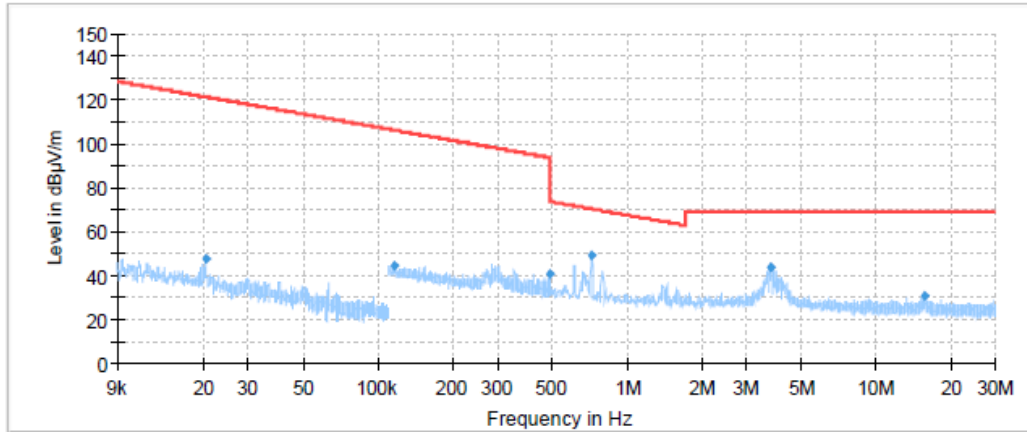
Radiates Emission from 3GHz to 18GHz

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

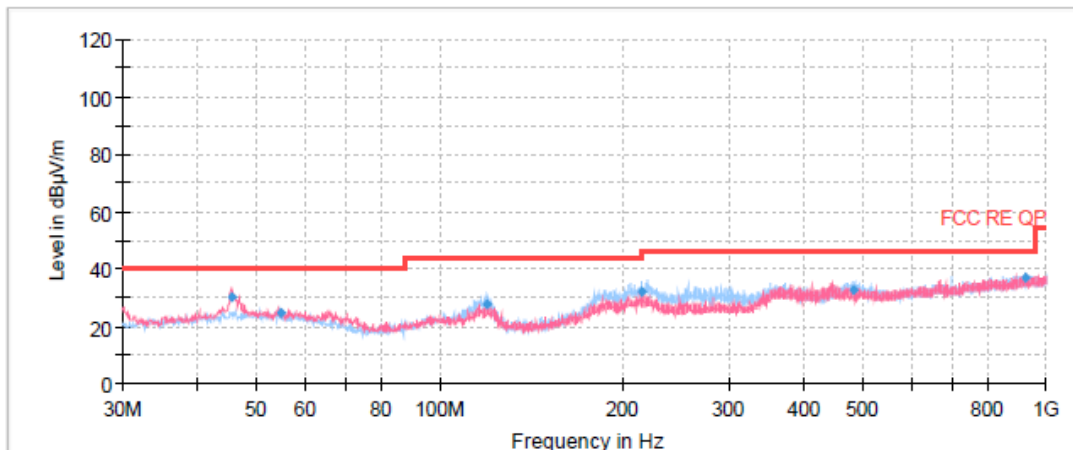
DH5-Channel 39



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

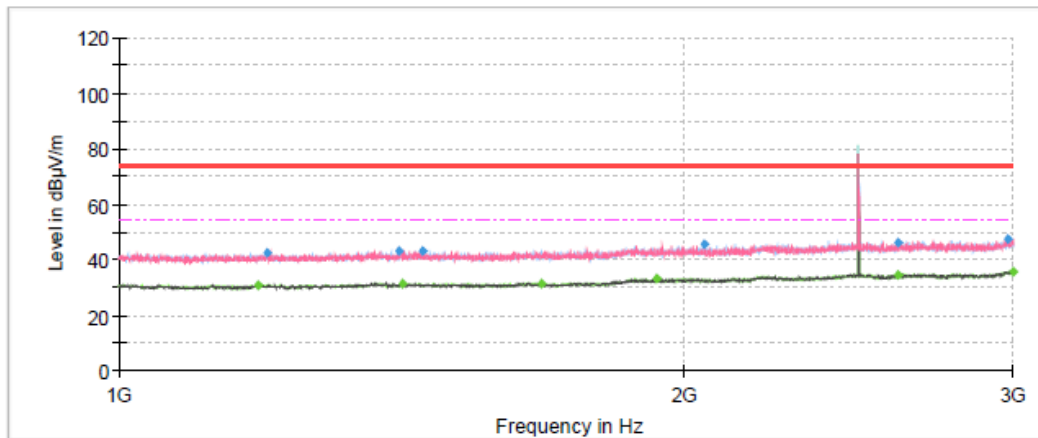
Radiates Emission from 9kHz to 30MHz



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

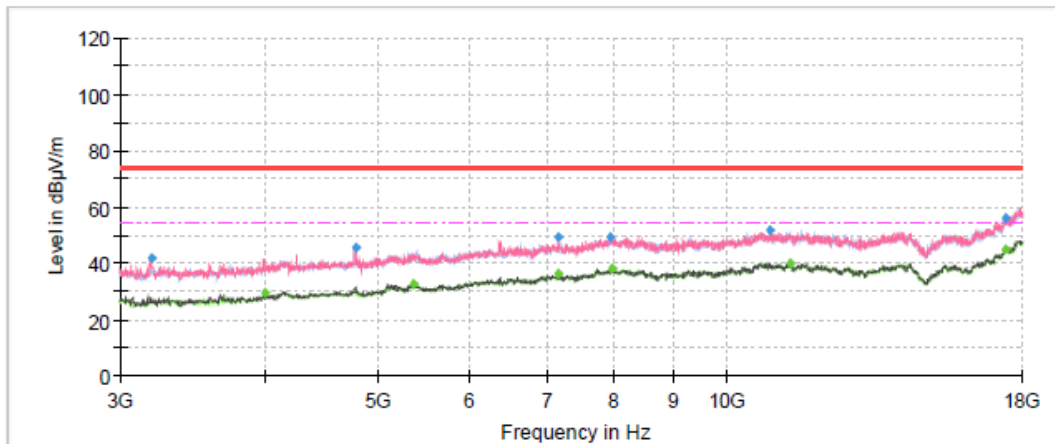


Final Result

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

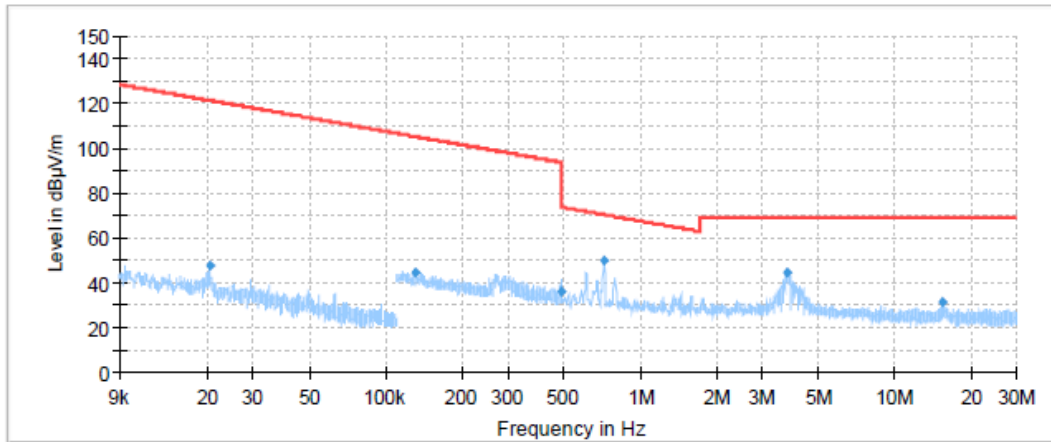


Final Result

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

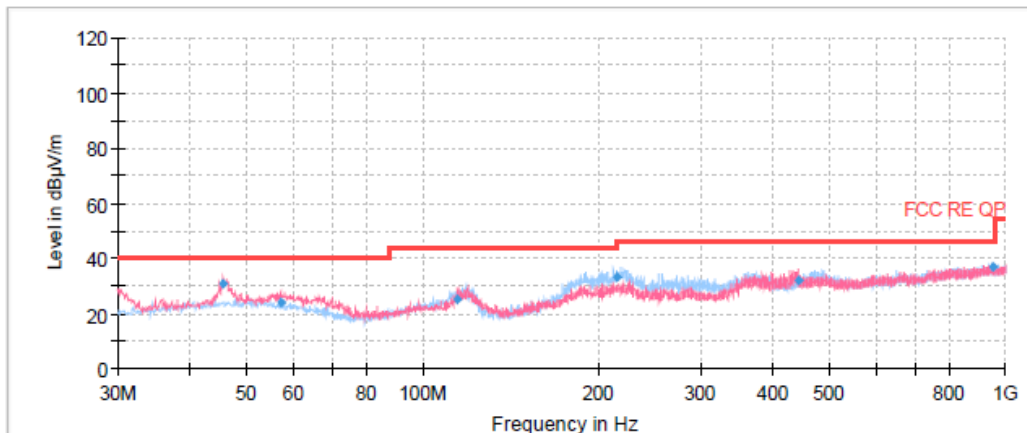
Variant
SKU3



Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Azimuth (deg)	Corr. (dB/m)
0.02	47.37	121.45	74.08	500.00	254.00	17
0.13	45.00	105.34	60.35	150.00	4.00	17
0.49	36.14	93.80	37.66	150.00	3.00	17
0.72	49.78	70.43	20.64	150.00	78.00	17
3.74	44.37	69.50	25.13	150.00	103.00	17
15.37	31.35	69.50	38.15	150.00	50.00	17

Radiates Emission from 9kHz to 30MHz

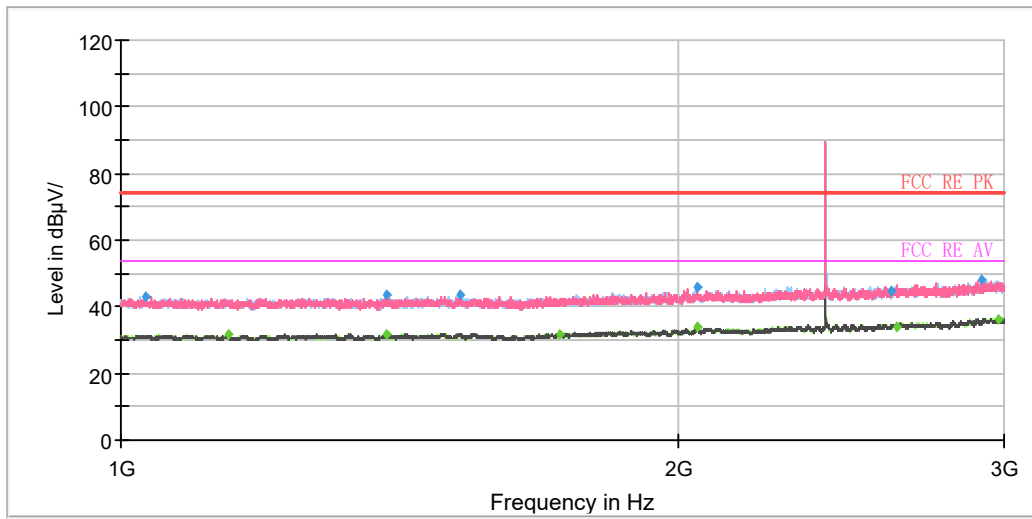


Final Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
45.52	30.74	40.00	9.26	1000.00	100.0	V	7.00	20
57.04	24.25	40.00	15.75	1000.00	100.0	V	215.00	19
114.88	24.93	43.50	18.57	1000.00	100.0	V	115.00	18
215.88	33.33	43.50	10.17	1000.00	100.0	H	129.00	18
442.49	32.05	46.00	13.95	1000.00	100.0	V	115.00	24
948.83	37.19	46.00	8.81	1000.00	100.0	V	340.00	32

Radiates Emission from 30MHz to 1GHz

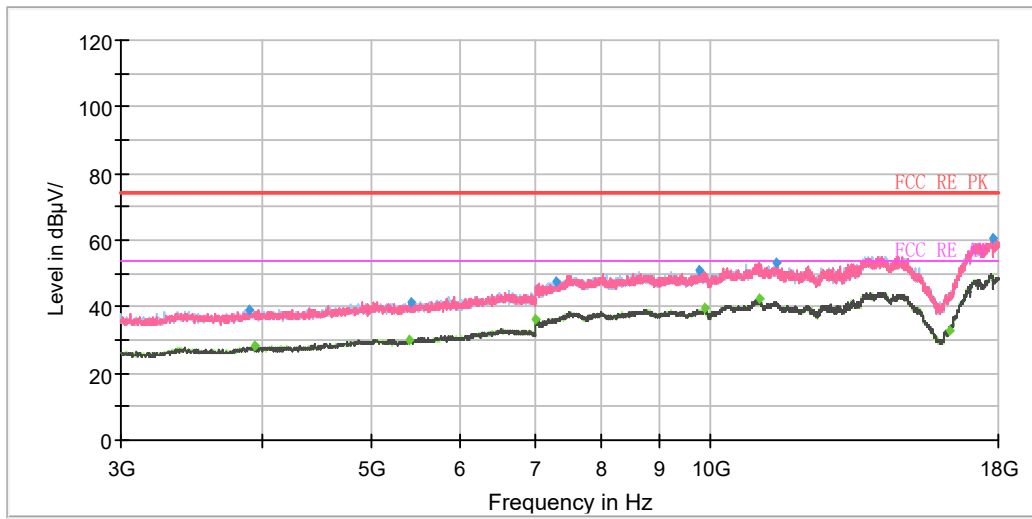
DH5-Channel 0



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

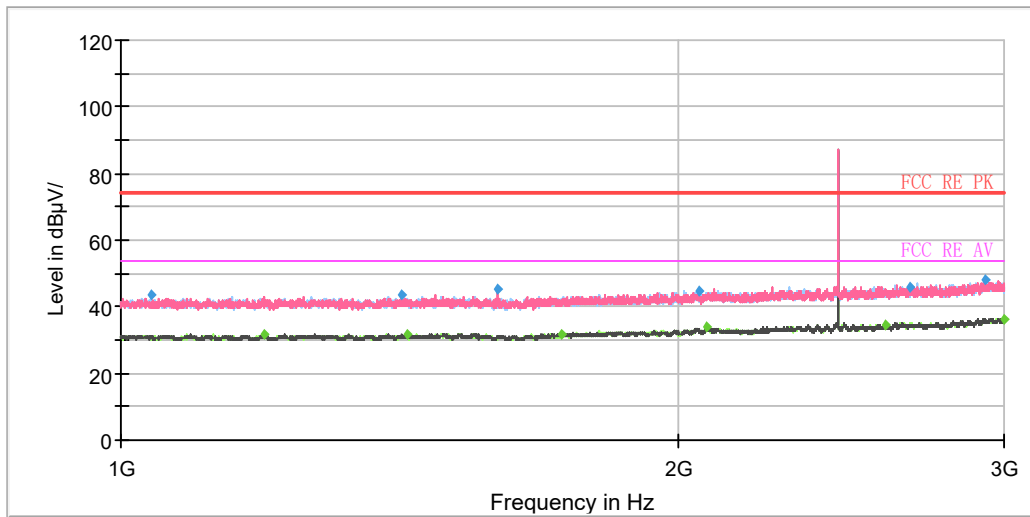
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1030.50	42.99	---	74.00	31.01	500.00	100.0	V	305.00	-6
1143.75	---	31.62	54.00	22.38	500.00	100.0	V	356.00	-6
1391.00	43.50	---	74.00	30.50	500.00	200.0	V	193.00	-5
1392.75	---	31.58	54.00	22.42	500.00	100.0	H	82.00	-5
1523.75	43.65	---	74.00	30.35	500.00	200.0	V	314.00	-5
1727.50	---	31.96	54.00	22.04	500.00	100.0	H	3.00	-5
2046.00	---	33.74	54.00	20.26	500.00	200.0	H	205.00	-4
2048.25	45.85	---	74.00	28.15	500.00	100.0	V	335.00	-4
2609.25	44.98	---	74.00	29.02	500.00	100.0	H	32.00	-1
2627.00	---	33.72	54.00	20.28	500.00	200.0	H	92.00	0
2916.50	48.14	---	74.00	25.86	500.00	100.0	V	284.00	1
2982.00	---	36.42	54.00	17.58	500.00	100.0	V	305.00	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)
3890.63	39.18	---	74.00	34.82	500.00	100.0	V	50.00	-7
3943.13	---	28.18	54.00	25.82	500.00	100.0	V	7.00	-7
5405.63	---	30.27	54.00	23.73	500.00	100.0	V	181.00	-5
5433.75	41.31	---	74.00	32.69	500.00	200.0	H	294.00	-5
7001.25	---	36.35	54.00	17.65	500.00	100.0	V	148.00	0
7288.13	47.45	---	74.00	26.55	500.00	100.0	V	310.00	1
9751.88	50.76	---	74.00	23.24	500.00	200.0	H	130.00	3
9886.88	---	39.70	54.00	14.30	500.00	100.0	H	358.00	3
11041.88	---	42.22	54.00	11.78	500.00	200.0	H	146.00	7
11437.50	53.16	---	74.00	20.84	500.00	100.0	H	15.00	7
16286.25	---	32.67	54.00	21.33	500.00	200.0	V	50.00	8
17803.13	60.58	---	74.00	13.42	500.00	100.0	V	0.00	18

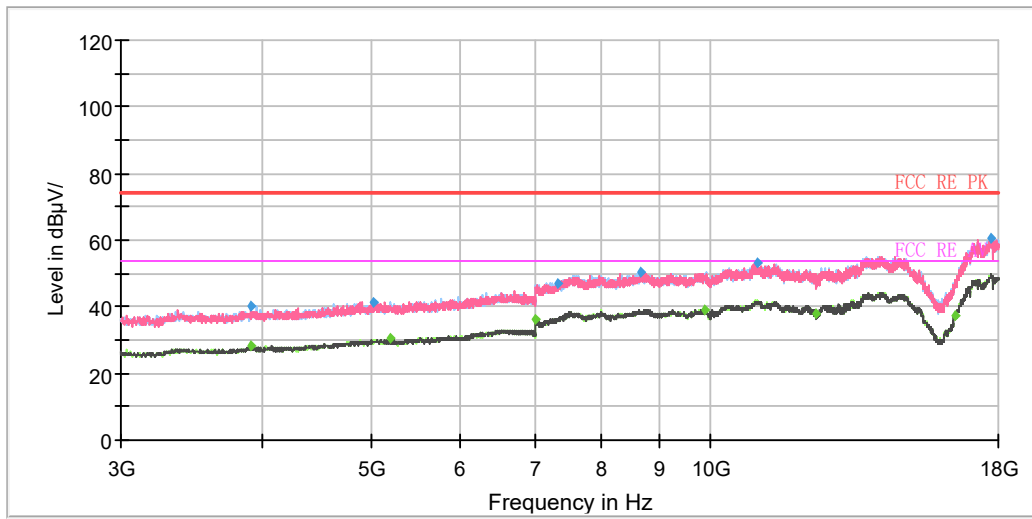
DH5-Channel 39



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

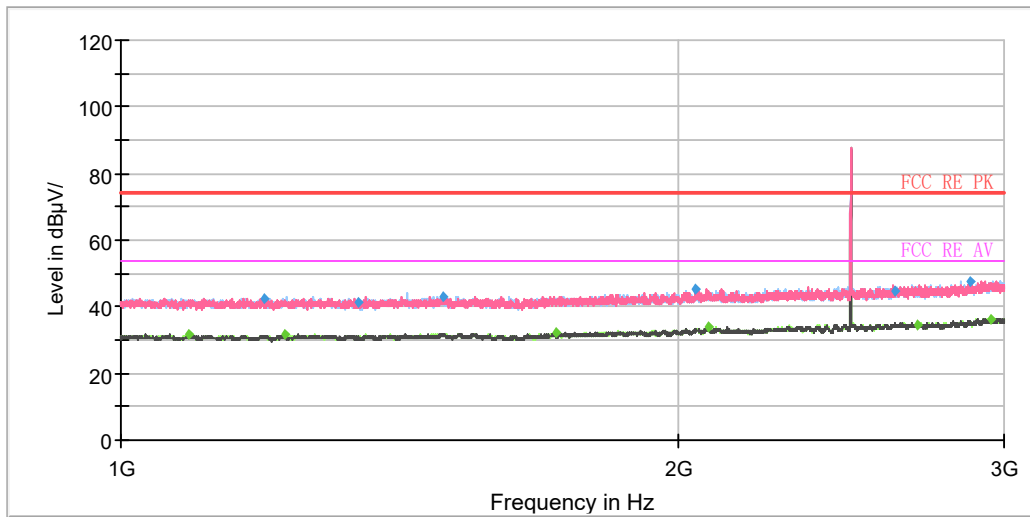
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1037.50	43.61	---	74.00	30.39	500.00	100.0	H	155.00	-6
1195.25	---	31.54	54.00	22.46	500.00	100.0	H	125.00	-6
1417.75	43.42	---	74.00	30.58	500.00	100.0	V	0.00	-5
1427.25	---	31.54	54.00	22.46	500.00	100.0	V	253.00	-5
1597.50	45.13	---	74.00	28.87	500.00	200.0	V	234.00	-6
1728.50	---	31.97	54.00	22.03	500.00	100.0	H	24.00	-5
2050.50	44.50	---	74.00	29.50	500.00	200.0	H	226.00	-4
2073.00	---	33.73	54.00	20.27	500.00	100.0	V	322.00	-4
2591.25	---	34.39	54.00	19.61	500.00	100.0	H	278.00	-1
2667.00	45.94	---	74.00	28.06	500.00	200.0	V	0.00	0
2927.50	47.90	---	74.00	26.10	500.00	100.0	V	253.00	1
2998.75	---	36.41	54.00	17.59	500.00	100.0	V	164.00	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)
3907.50	40.02	---	74.00	33.98	500.00	100.0	V	213.00	-7
3911.25	---	28.22	54.00	25.78	500.00	100.0	V	197.00	-7
5019.38	41.56	---	74.00	32.44	500.00	200.0	H	347.00	-6
5205.00	---	30.46	54.00	23.54	500.00	100.0	V	197.00	-5
7001.25	---	36.49	54.00	17.51	500.00	100.0	H	356.00	0
7314.38	47.21	---	74.00	26.79	500.00	200.0	H	146.00	1
8653.13	50.52	---	74.00	23.48	500.00	100.0	H	129.00	3
9879.38	---	39.19	54.00	14.81	500.00	200.0	H	332.00	3
11004.38	53.16	---	74.00	20.84	500.00	100.0	H	268.00	7
12403.13	---	38.01	54.00	15.99	500.00	200.0	H	211.00	7
16501.88	---	37.55	54.00	16.45	500.00	100.0	H	359.00	11
17735.63	60.69	---	74.00	13.31	500.00	200.0	V	2.00	18

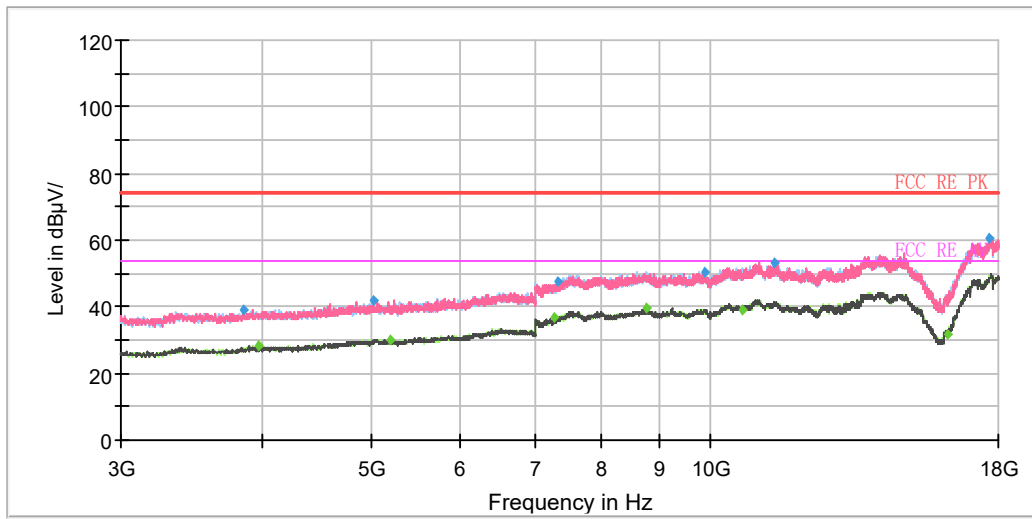
DH5-Channel 78



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)
1088.00	---	31.54	54.00	22.46	500.00	100.0	H	0.00	-6
1194.25	42.71	---	74.00	31.29	500.00	200.0	V	220.00	-6
1227.00	---	31.65	54.00	22.35	500.00	100.0	H	36.00	-5
1343.25	41.05	---	74.00	32.95	500.00	100.0	H	0.00	-5
1493.50	43.30	---	74.00	30.70	500.00	200.0	H	46.00	-5
1718.25	---	32.06	54.00	21.94	500.00	100.0	V	48.00	-5
2042.50	45.40	---	74.00	28.60	500.00	100.0	H	176.00	-4
2079.00	---	33.69	54.00	20.31	500.00	100.0	H	217.00	-4
2619.25	44.99	---	74.00	29.01	500.00	100.0	H	86.00	-1
2695.25	---	34.35	54.00	19.66	500.00	100.0	H	77.00	0
2877.75	47.78	---	74.00	26.22	500.00	200.0	V	358.00	0
2951.75	---	36.37	54.00	17.63	500.00	200.0	H	217.00	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)
3847.50	39.26	---	74.00	34.74	500.00	100.0	V	44.00	-7
3965.63	---	28.19	54.00	25.81	500.00	100.0	H	349.00	-7
5015.63	41.88	---	74.00	32.12	500.00	200.0	H	218.00	-6
5203.13	---	30.21	54.00	23.79	500.00	100.0	H	202.00	-5
7271.25	---	36.60	54.00	17.40	500.00	200.0	V	77.00	1
7310.63	47.56	---	74.00	26.44	500.00	100.0	V	77.00	1
8771.25	---	39.43	54.00	14.57	500.00	200.0	H	357.00	3
9888.75	50.47	---	74.00	23.53	500.00	100.0	V	228.00	3
10653.75	---	39.19	54.00	14.81	500.00	100.0	H	0.00	5
11403.75	53.07	---	74.00	20.93	500.00	200.0	V	4.00	7
16198.13	---	31.80	54.00	22.20	500.00	100.0	H	318.00	7
17677.50	60.68	---	74.00	13.32	500.00	100.0	V	1.00	17

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 3



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]
0.256	41.30	61.57	20.27	--	--	--	21.29	L1	9.000	1.000
0.314	--	--	--	30.29	49.86	19.57	21.26	L1	9.000	1.000
0.501	40.02	56.00	15.98	--	--	--	21.13	L1	9.000	1.000
0.544	--	--	--	36.36	46.00	9.64	21.08	L1	9.000	1.000
1.165	--	--	--	26.67	46.00	19.33	20.35	L1	9.000	1.000
1.237	35.43	56.00	20.57	--	--	--	20.30	L1	9.000	1.000
2.130	--	--	--	23.06	46.00	22.94	19.97	L1	9.000	1.000
2.135	30.82	56.00	25.18	--	--	--	19.97	L1	9.000	1.000
9.362	--	--	--	21.32	50.00	28.68	19.77	L1	9.000	1.000
9.553	26.46	60.00	33.54	--	--	--	19.77	L1	9.000	1.000
16.598	29.58	60.00	30.42	--	--	--	19.82	L1	9.000	1.000
20.074	--	--	--	23.44	50.00	26.56	19.95	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]
0.256	41.20	61.57	20.37	--	--	--	21.26	N	9.000	1.000
0.314	--	--	--	30.22	49.86	19.64	21.21	N	9.000	1.000
0.544	--	--	--	36.25	46.00	9.75	21.02	N	9.000	1.000
0.551	40.32	56.00	15.68	--	--	--	21.02	N	9.000	1.000
1.165	--	--	--	26.76	46.00	19.24	20.37	N	9.000	1.000
1.462	35.02	56.00	20.98	--	--	--	20.18	N	9.000	1.000
2.123	--	--	--	23.11	46.00	22.89	19.92	N	9.000	1.000
2.135	30.71	56.00	25.29	--	--	--	19.92	N	9.000	1.000
7.899	26.14	60.00	33.86	--	--	--	19.72	N	9.000	1.000
9.184	--	--	--	21.27	50.00	28.73	19.72	N	9.000	1.000
16.627	29.92	60.00	30.08	--	--	--	19.89	N	9.000	1.000
20.139	--	--	--	23.65	50.00	26.35	20.08	N	9.000	1.000

Remark: Correct factor=cable loss + LISN factor

N line Conducted Emission from 150 kHz to 30 MHz