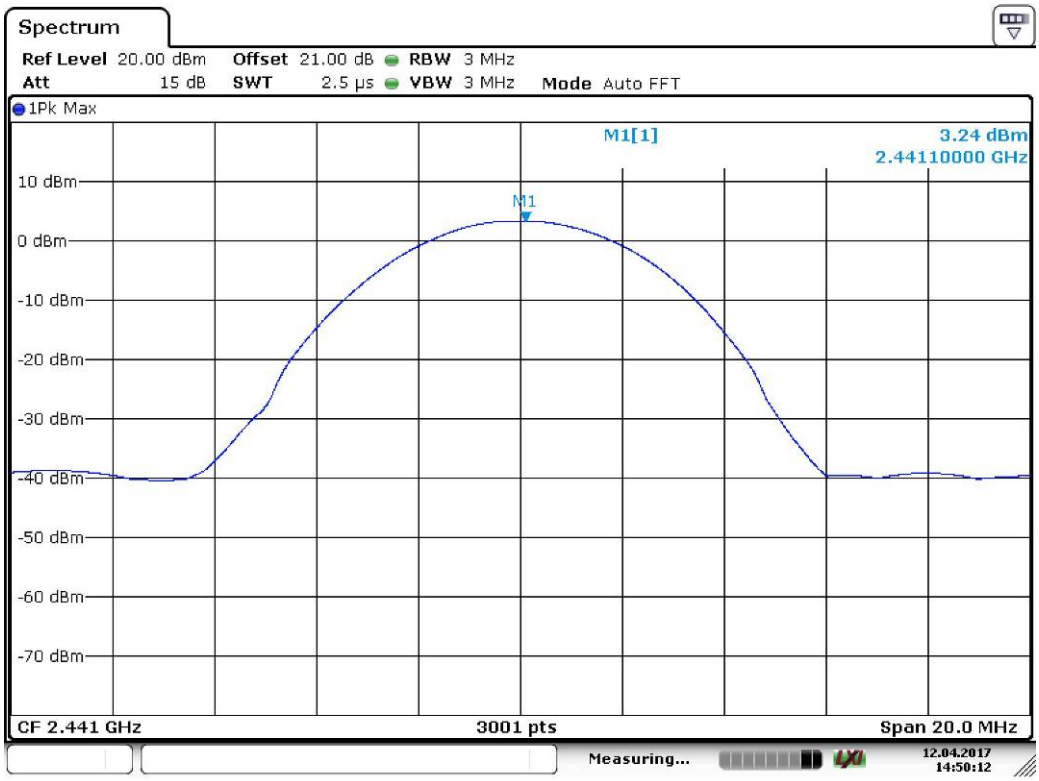
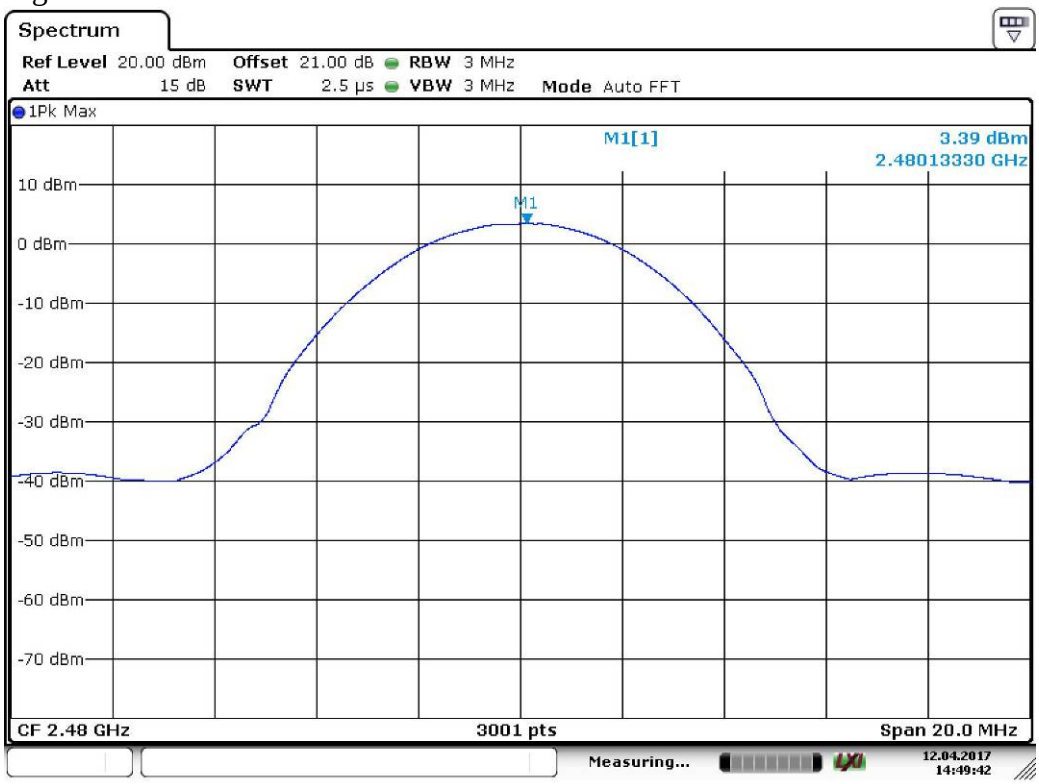
8DPSK Middle Channel:



Date: 12.APR.2017 14:50:13

8DPSK Highest Channel:



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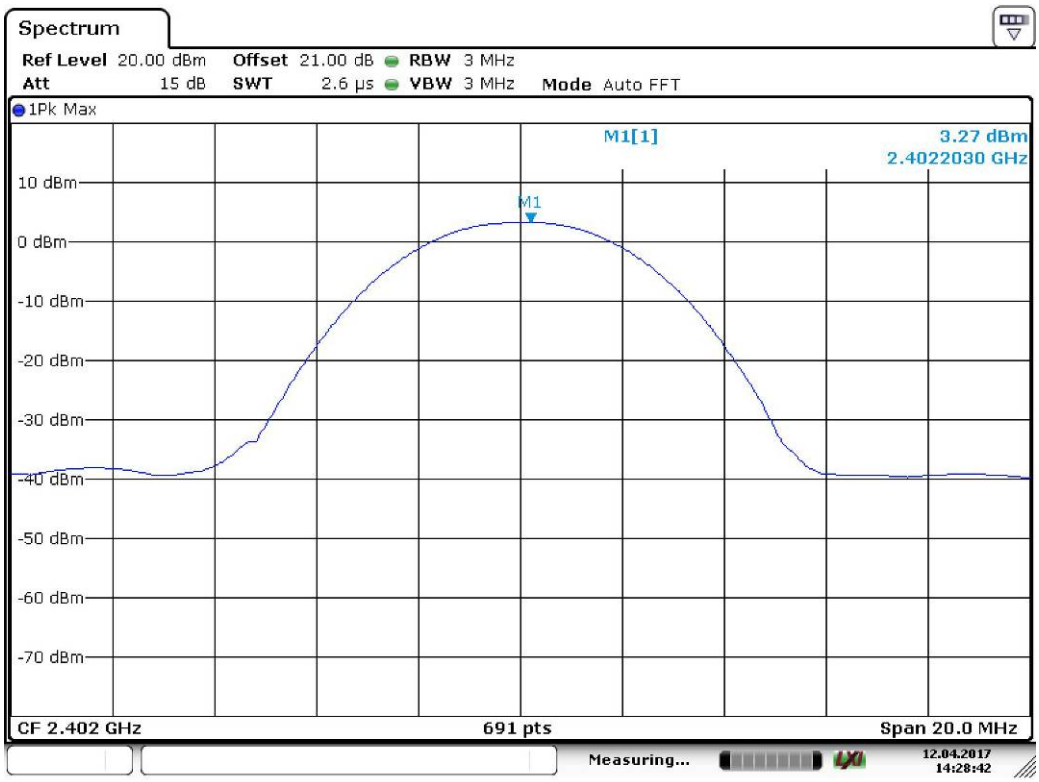
BT3:

GFSK Lowest Channel:



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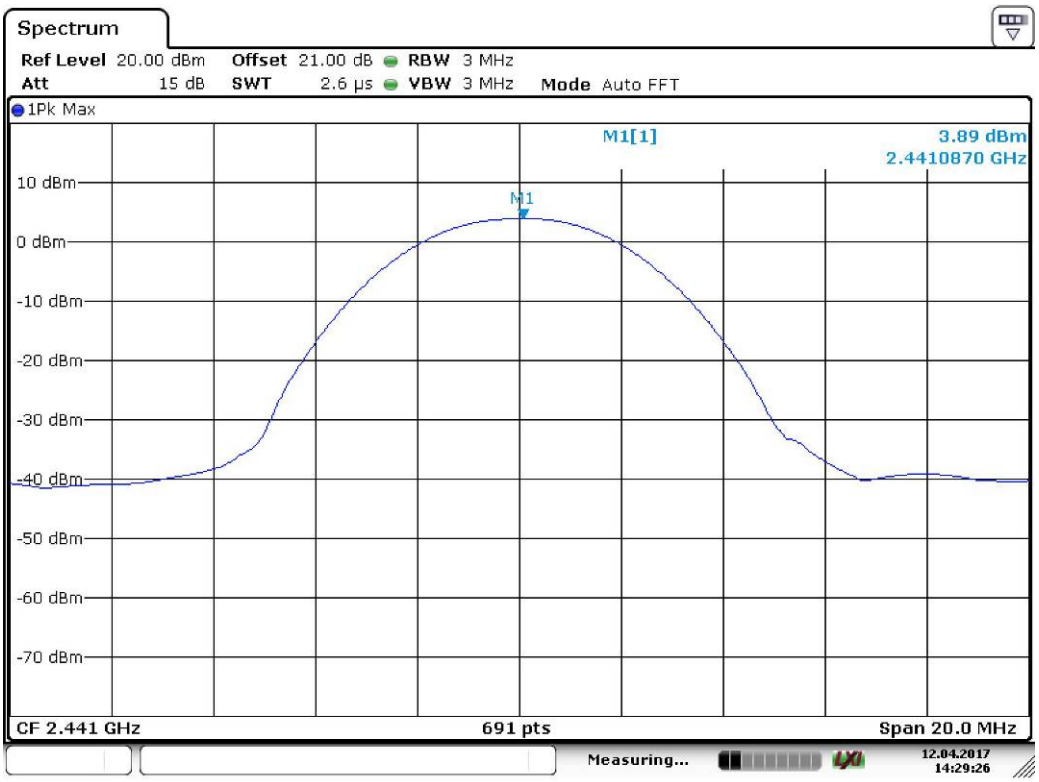

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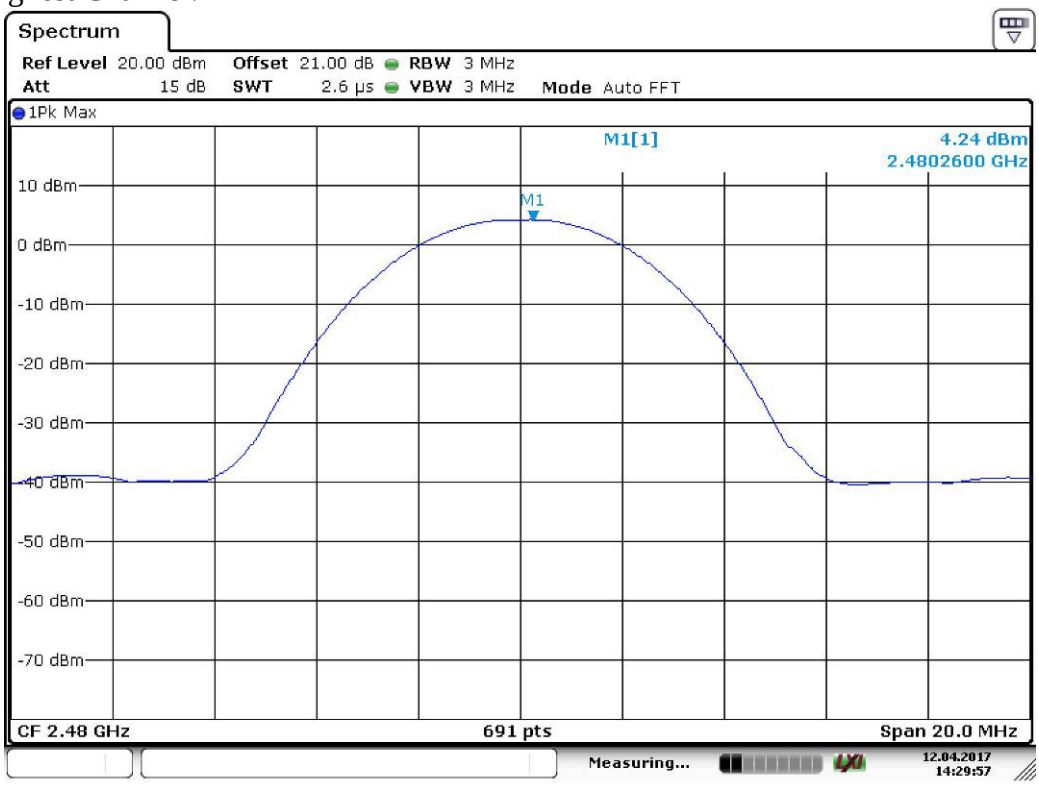

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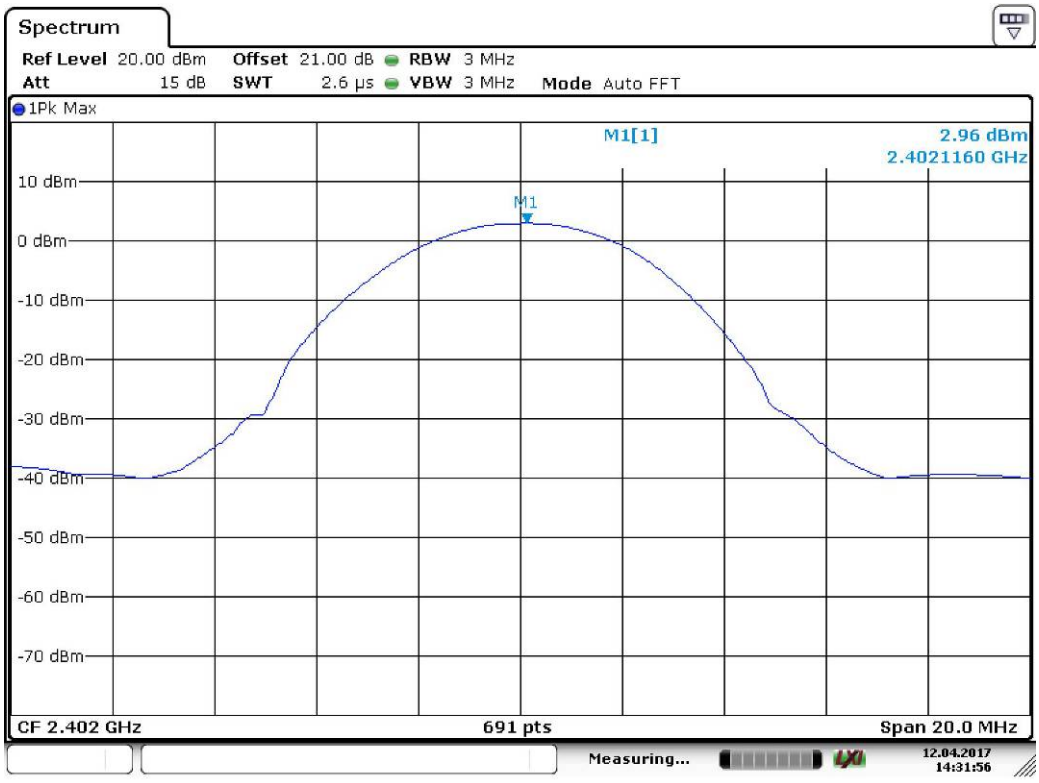
8DPSK Lowest Channel:



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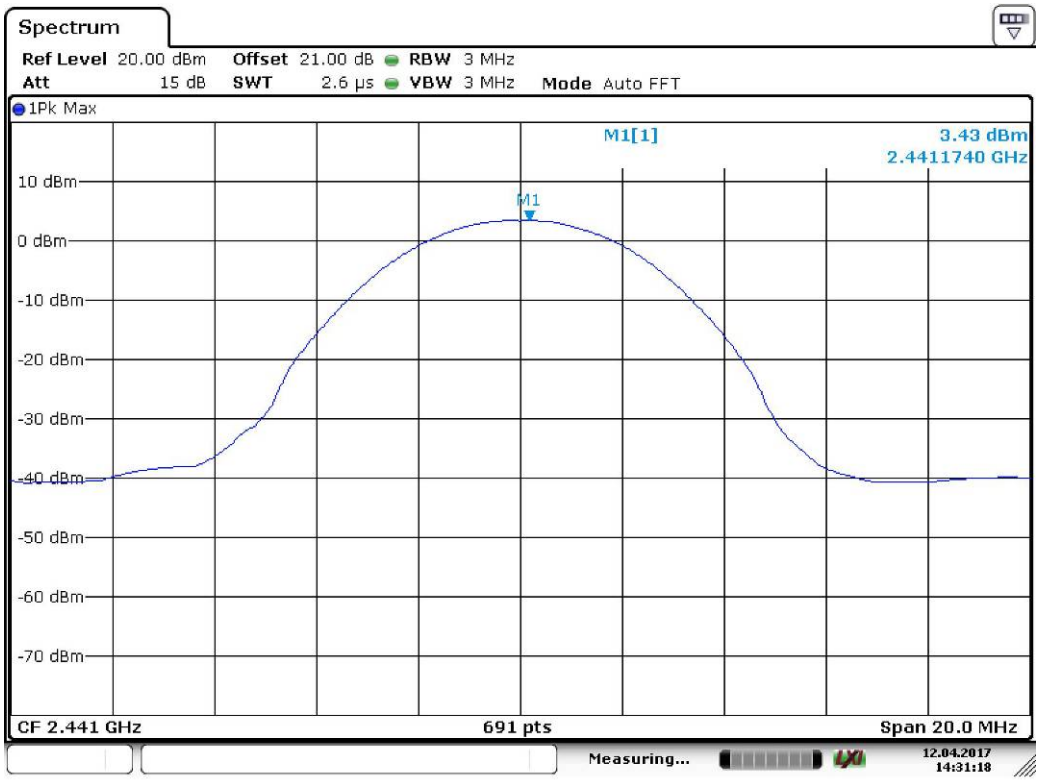
8DPSK Middle Channel:



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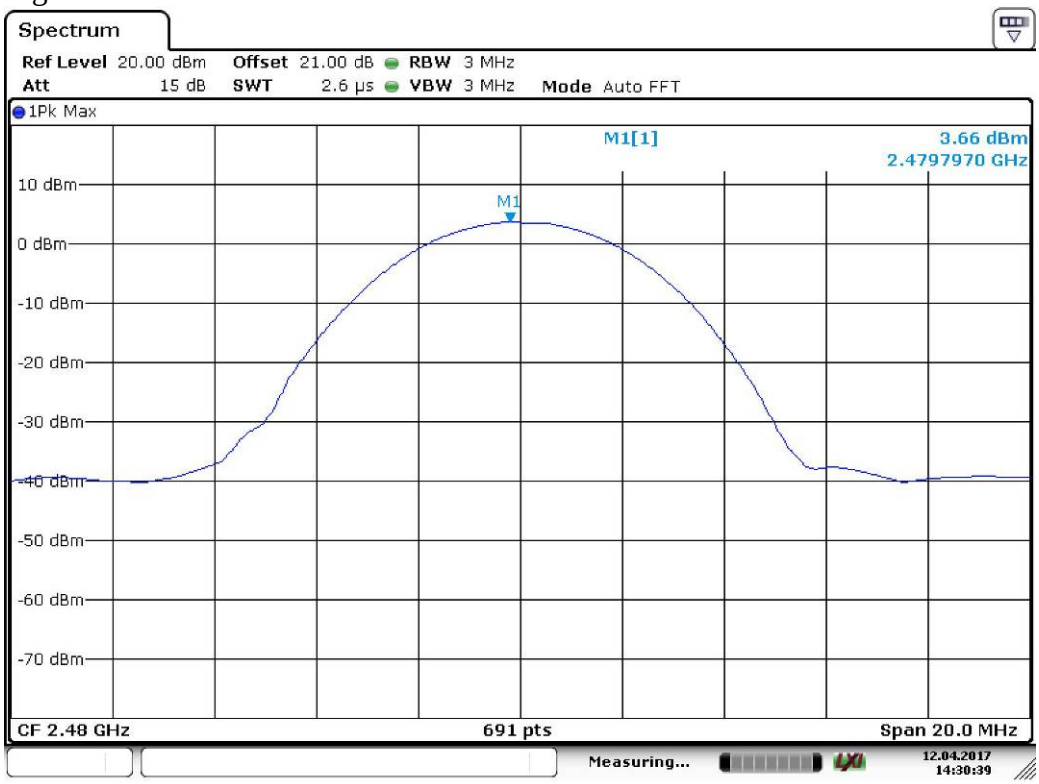
8DPSK Highest Channel:



Date: 12.APR.2017 14:30:39

4.9 RADIATED SPURIOUS EMISSIONS

4.9.1 LIMITS

Frequency (MHz)	Quasi-peak(μV/m)	Measurement distance(m)	Quasi-peak(dBμV/m)@distance 3m
0.009-0.490	2400/F(kHz)	300	53.8~88.5
0.490-1.705	24000/F(kHz)	30	43~53.8
1.705-30.0	30	30	49.5
30 ~ 88	100	3	40
88~216	150	3	43.5
216 ~ 960	200	3	46
Above 960	500	3	54

NOTE: (1) The lower limit shall apply at the transition frequencies.

Frequency (GHz)	Quasi-peak(dBμV/m)
1 ~ 26.5	74
1~ 26.5	54

4.9.2 TEST PROCEDURES

Procedure of Preliminary Test

According to ANSI C63.10:2013, a calibrated, linearly polarized antenna shall be positioned at the specified distance from the periphery of the EUT. The specified distance is the distance between the horizontal projection onto the ground plane of the closest periphery of the EUT and the projection onto the ground plane of the center of the axis of the elements of the receiving antenna.

Measurements shall be made with the antenna positioned in both the horizontal and vertical planes of polarization. The measurement antenna shall be varied in height above the reference ground plane to obtain the maximum signal strength. Unless otherwise specified, the measurement distance shall be 3 m. The EUT put on a 0.8m tabel below 1GHz, on 1.5m table above 1GHz. At any measurement distance, the antenna height shall be varied from 1 m to 4 m. These height scans apply for both horizontal and vertical polarizations, except that for vertical polarization, the minimum height of the center of the antenna shall be increased so that the lowest point of the bottom of the lowest antenna element clears the site reference ground plane by at least 25 cm. For a tuned dipole, the minimum heights as measured from the center of the antenna are those specified in the NSA measurement requirements.

For tabletop systems, cables or wires should be manipulated within the range of likely arrangements. For floor-standing equipment, the cables or wires should be located in the same manner as the user would install them and no further manipulation is made. For combination EUTs, the tabletop and floor-standing portions of the EUT shall follow the procedures for their respective setups and cable manipulation.

Table-top equipment is placed on a non-conductive set-up table with height 0, 8/1.5 m ± 0, 01 m, ANSI C63.10:2013 specifies the method to determine the impact of the non-conductive set-up table on test results. If the manner of cable installation is not known, or if it changes with each installation, cables or wires for floor-standing equipment shall be manipulated to the extent possible to produce the maximum level of emissions. For each mode of operation required to be tested, the frequency spectrum shall be monitored. Variations in antenna height between 1 m and 4 m, antenna polarization, EUT azimuth, and cable or wire placement shall be explored to produce the emission that has the highest amplitude relative to the limit.

Procedure of Final Test

EUT and support equipment were set up on the turntable as per the configuration with highest emission level in the preliminary test. The Analyzer / Receiver scanned from 30MHz to 1000MHz. Emissions were scanned and measured rotating the EUT to 360 degrees, varying cable placement and positioning the antenna 1 to 4 meters above the ground plane, in both the vertical and the horizontal polarization, to maximize the emission reading level. Record at least six highest emissions. Emission frequency, amplitude, antenna position, polarization and turntable position were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit and only QP reading is presented. The test data of the worst-case condition(s) was recorded.

Procedure of Final Test

EUT and support equipment were set up on the test bench as per the configuration with highest emission level in the preliminary test. A scan was taken on both power lines, recording at least the six highest emissions. Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit. The test data of the worst-case condition(s) was recorded.

Below 1GHz Set the spectrum analyzer: RBW =100KHz VBW >= RBW , Span = enough to captch the trace. Sweep = auto; Detector Function = Peak. Trace = Max,hold.

Above 1GHz Set the spectrum analyzer: RBW =1MHz VBW >= RBW , Span = enough to captch the trace. Sweep = auto; Detector Function = Peak. Trace = Max,hold.

Remark:

BT1:Pre-test for normal mode and EDR mode, to find the packet type 3DH5 for the EDR mode is the worst case.The worst case emissions were reported.

BT2:Pre-test for normal mode and EDR mode, to find the packet type 3DH5 for the EDR mode is the worst case.The worst case emissions were reported.

BT3:Pre-test for normal mode and EDR mode, to find the packet type 3DH5 for the EDR mode is the worst case.The worst case emissions were reported.

4.9.3 TEST SETUP

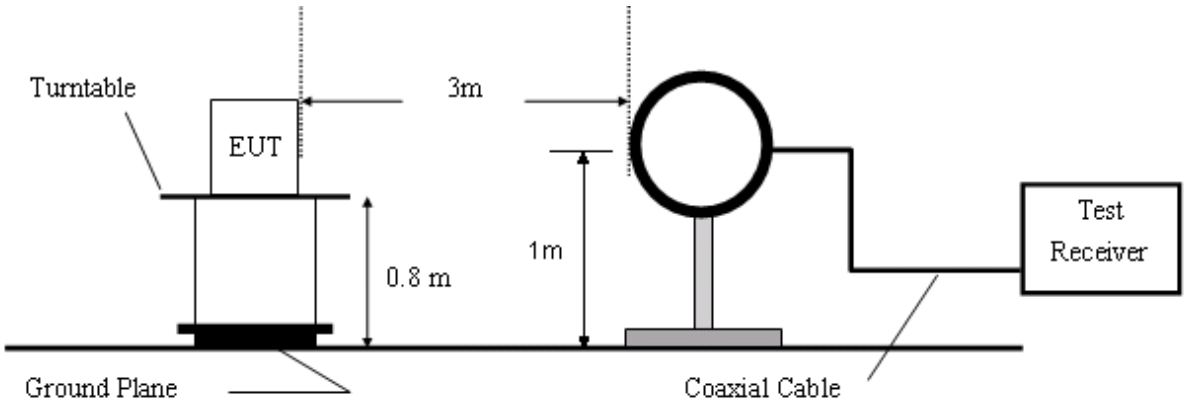


Figure 1. 9 KHz to 30MHz radiated emissions test configuration

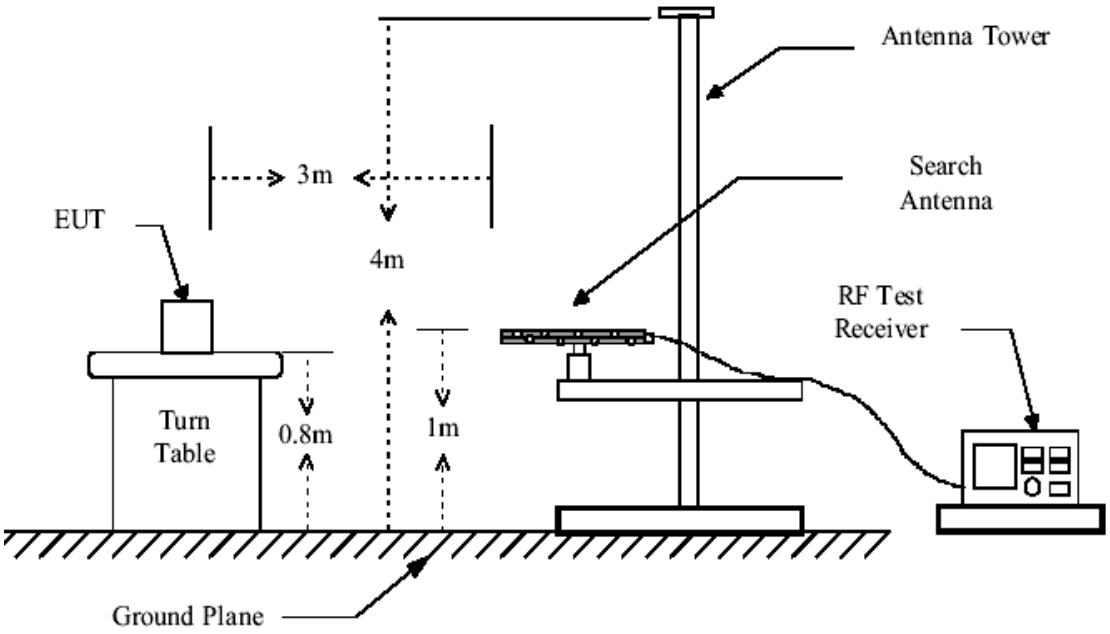


Figure 2. 30MHz to 1GHz radiated emissions test configuration

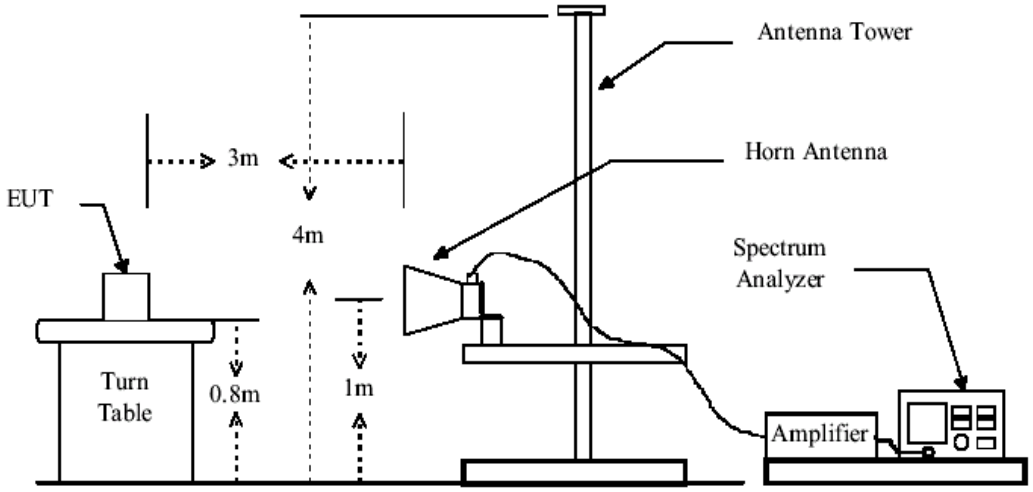


Figure 3. Above 1GHz radiated emissions test configuration

4.9.4 TEST RESULTS

BT 1：

1. Low Frequency 2402MHz

30MHz~1GHz Spurious Emissions .Quasi-Peak Measurement

No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Antenna polarization
1	47.8282	21.00	12.01	33.01	40.00	-6.99	Vertical
2	72.0841	20.70	7.27	27.97	40.00	-12.03	Vertical
3	96.0079	26.94	9.66	36.60	43.50	-6.90	Vertical
4	120.2064	17.93	12.69	30.62	43.50	-12.88	Vertical
5	143.8874	23.74	12.25	35.99	43.50	-7.51	Vertical
6	168.4062	19.18	11.36	30.54	43.50	-12.96	Vertical
7	47.8282	20.87	12.01	32.88	40.00	-7.12	Horizontal
8	72.0841	20.79	7.27	28.06	40.00	-11.94	Horizontal
9	96.0079	20.44	9.66	30.10	43.50	-13.40	Horizontal
10	120.2064	18.92	12.69	31.61	43.50	-11.89	Horizontal
11	143.8875	24.88	12.25	37.13	43.50	-6.37	Horizontal
12	256.6825	26.18	13.32	39.50	46.00	-6.50	Horizontal

1~25 GHz Harmonics & Spurious Emissions. Peak & Average Measurement
Peak Measurement:

No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Antenna polarization
1	3198.345	54.17	-2.32	51.85	74.00	-22.15	Vertical
2	5473.653	48.30	1.73	50.03	74.00	-23.97	Vertical
3	7227.308	47.58	2.72	50.30	74.00	-23.70	Vertical
4	10182.138	46.44	3.89	50.33	74.00	-23.67	Vertical
5	13075.802	42.31	9.54	51.85	74.00	-22.15	Vertical
6	16791.817	34.00	16.66	50.66	74.00	-23.34	Vertical
7	5524.596	48.03	1.79	49.82	74.00	-24.18	Horizontal
8	7500.147	47.55	3.33	50.88	74.00	-23.12	Horizontal
9	9995.220	47.30	4.17	51.47	74.00	-22.53	Horizontal
10	10814.103	46.42	4.40	50.82	74.00	-23.18	Horizontal
11	13444.302	40.53	10.61	51.14	74.00	-22.86	Horizontal
12	16869.777	35.19	16.86	52.05	74.00	-21.95	Horizontal

NOTE：
Above 1GHz, the tested values of Peak are lower than the correspondingly limited values of AVG. So don't read the values of AVG.
The field strength is calculated by adding the Antenna Factor. Correct Factor.
The basic equation with a sample calculation is as follows:
Final Test Level =Receiver Reading + Correct Factor

2. Middle Frequency 2441MHz

30MHz~1GHz Spurious Emissions .Quasi-Peak Measurement

No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Antenna polarization
1	47.8282	20.94	12.01	32.95	40.00	-7.05	Vertical
2	72.0841	20.67	7.27	27.94	40.00	-12.06	Vertical
3	89.7472	22.88	8.58	31.46	43.50	-12.04	Vertical
4	94.9347	24.84	9.44	34.28	43.50	-9.22	Vertical
5	120.2064	18.15	12.69	30.84	43.50	-12.66	Vertical
6	143.8875	23.25	12.25	35.50	43.50	-8.00	Vertical
7	120.2064	21.04	12.69	33.73	43.50	-9.77	Horizontal
8	143.8875	20.41	12.25	32.66	43.50	-10.84	Horizontal
9	168.4062	22.64	11.36	34.00	43.50	-9.50	Horizontal
10	199.3301	20.52	11.48	32.00	43.50	-11.50	Horizontal
11	312.4743	19.43	15.68	35.11	46.00	-10.89	Horizontal
12	384.6920	20.08	17.05	37.13	46.00	-8.87	Horizontal

1~25 GHz Harmonics & Spurious Emissions. Peak & Average Measurement

Peak Measurement:

No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Antenna polarization
1	4013.252	48.37	0.47	48.84	74.00	-25.16	Vertical
2	5274.533	47.35	1.22	48.57	74.00	-25.43	Vertical
3	7465.487	45.43	3.25	48.68	74.00	-25.32	Vertical
4	11274.451	43.49	5.42	48.91	74.00	-25.09	Vertical
5	13197.499	41.03	9.89	50.92	74.00	-23.08	Vertical
6	16636.976	36.31	16.27	52.58	74.00	-21.42	Vertical
7	5153.779	47.11	0.91	48.02	74.00	-25.98	Horizontal
8	5473.653	47.11	1.73	48.84	74.00	-25.16	Horizontal
9	7061.846	46.34	2.36	48.70	74.00	-25.30	Horizontal
10	7783.286	44.78	3.15	47.93	74.00	-26.07	Horizontal
11	10135.083	45.33	3.97	49.30	74.00	-24.70	Horizontal
12	12895.357	41.98	8.84	50.82	74.00	-23.18	Horizontal

NOTE：

Above 1GHz, the tested values of Peak are lower than the correspondingly limited values of AV.So don’t read the values of AVG.

The field strength is calculated by adding the Antenna Factor. Correct Factor.

The basic equation with a sample calculation is as follows:

Final Test Level =Receiver Reading + Correct Factor

3. High Frequency 2480MHz

30MHz~1GHz Spurious Emissions .Quasi-Peak Measurement

No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Antenna polarization
1	47.8282	21.68	12.01	33.69	40.00	-6.31	Vertical
2	72.0841	21.01	7.27	28.28	40.00	-11.72	Vertical
3	89.7472	23.33	8.58	31.91	43.50	-11.59	Vertical
4	120.2064	18.01	12.69	30.70	43.50	-12.80	Vertical
5	143.8876	23.50	12.25	35.75	43.50	-7.75	Vertical
6	400.1259	12.89	17.78	30.67	46.00	-15.33	Vertical
7	47.8282	13.99	12.01	26.00	40.00	-14.00	Horizontal
8	120.2064	20.79	12.69	33.48	43.50	-10.02	Horizontal
9	143.8876	20.78	12.25	33.03	43.50	-10.47	Horizontal
10	168.4062	22.03	11.36	33.39	43.50	-10.11	Horizontal
11	312.4743	19.36	15.68	35.04	46.00	-10.96	Horizontal
12	384.6920	19.85	17.05	36.90	46.00	-9.10	Horizontal

1~25 GHz Harmonics & Spurious Emissions. Peak & Average Measurement

Peak Measurement:

No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Antenna polarization
1	5627.911	49.34	1.79	51.13	74.00	-22.87	Vertical
2	7500.147	46.80	3.33	50.13	74.00	-23.87	Vertical
3	10088.246	46.70	4.04	50.74	74.00	-23.26	Vertical
4	10914.750	45.40	4.74	50.14	74.00	-23.86	Vertical
5	13197.499	41.61	9.89	51.50	74.00	-22.50	Vertical
6	13823.187	40.02	9.93	49.95	74.00	-24.05	Vertical
7	3198.345	52.28	-2.32	49.96	74.00	-24.04	Horizontal
8	5759.774	51.57	1.79	53.36	74.00	-20.64	Horizontal
9	6964.394	48.35	2.24	50.59	74.00	-23.41	Horizontal
10	7783.286	47.91	3.15	51.06	74.00	-22.94	Horizontal
11	10182.138	46.80	3.89	50.69	74.00	-23.31	Horizontal
12	13506.721	41.35	10.75	52.10	74.00	-21.90	Horizontal

NOTE：

Above 1GHz, the tested values of Peak are lower than the correspondingly limited values of AVG.So don’t read the values of AVG.

The field strength is calculated by adding the Antenna Factor. Correct Factor.

The basic equation with a sample calculation is as follows:

Final Test Level =Receiver Reading + Correct Factor

BT 2：

1. Low Frequency 2402MHz

30MHz~1GHz Spurious Emissions .Quasi-Peak Measurement

No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Antenna polarization
1	135.2626	26.82	12.98	39.80	43.50	-3.70	Vertical
2	255.2442	18.63	13.28	31.91	46.00	-14.09	Vertical
3	404.6482	15.04	17.98	33.02	46.00	-12.98	Vertical
4	460.4787	14.85	18.16	33.01	46.00	-12.99	Vertical
5	541.9813	14.37	20.35	34.72	46.00	-11.28	Vertical
6	596.3111	14.29	20.56	34.85	46.00	-11.15	Vertical
7	113.0009	20.92	12.25	33.17	43.50	-10.33	Horizontal
8	135.2626	22.44	12.98	35.42	43.50	-8.08	Horizontal
9	208.4958	22.26	11.97	34.23	43.50	-9.27	Horizontal
10	288.8331	19.37	13.86	33.23	46.00	-12.77	Horizontal
11	432.8763	16.10	17.60	33.70	46.00	-12.30	Horizontal
12	460.4787	15.19	18.16	33.35	46.00	-12.65	Horizontal

1~25 GHz Harmonics & Spurious Emissions. Peak & Average Measurement
Peak Measurement:

No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Antenna polarization
1	1395.851	56.90	-9.62	47.28	74.00	-26.72	Vertical
2	1792.539	56.29	-7.17	49.12	74.00	-24.88	Vertical
3	3198.345	54.68	-2.32	52.36	74.00	-21.64	Vertical
4	5576.014	49.68	1.79	51.47	74.00	-22.53	Vertical
5	7227.308	48.16	2.72	50.88	74.00	-23.12	Vertical
6	9949.029	46.02	4.09	50.11	74.00	-23.89	Vertical
7	3957.869	49.81	0.26	50.07	74.00	-23.93	Horizontal
8	4242.641	50.39	0.16	50.55	74.00	-23.45	Horizontal
9	5201.745	49.91	1.03	50.94	74.00	-23.06	Horizontal
10	5473.653	49.14	1.73	50.87	74.00	-23.13	Horizontal
11	7260.862	47.84	2.80	50.64	74.00	-23.36	Horizontal
12	10182.138	46.79	3.89	50.68	74.00	-23.32	Horizontal

NOTE：
Above 1GHz, the tested values of Peak are lower than the correspondingly limited values of AVG. So don’t read the values of AVG.
The field strength is calculated by adding the Antenna Factor. Correct Factor.
The basic equation with a sample calculation is as follows:
Final Test Level =Receiver Reading + Correct Factor

2. Middle Frequency 2441MHz

30MHz~1GHz Spurious Emissions .Quasi-Peak Measurement

No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Antenna polarization
1	135.2625	26.62	12.98	39.60	43.50	-3.90	Vertical
2	378.2610	17.13	16.78	33.91	46.00	-12.09	Vertical
3	404.6482	14.75	17.98	32.73	46.00	-13.27	Vertical
4	541.9813	14.04	20.35	34.39	46.00	-11.61	Vertical
5	596.3111	13.59	20.56	34.15	46.00	-11.85	Vertical
6	914.0117	6.68	27.04	33.72	46.00	-12.28	Vertical
7	135.2626	19.82	12.98	32.80	43.50	-10.70	Horizontal
8	205.0104	21.65	11.81	33.46	43.50	-10.04	Horizontal
9	229.3961	20.19	13.06	33.25	46.00	-12.75	Horizontal
10	406.9286	15.84	18.08	33.92	46.00	-12.08	Horizontal
11	432.8763	16.03	17.60	33.63	46.00	-12.37	Horizontal
12	460.4787	15.50	18.16	33.66	46.00	-12.34	Horizontal

1~25 GHz Harmonics & Spurious Emissions. Peak & Average Measurement

Peak Measurement:

No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Antenna polarization
1	3591.011	48.37	-1.72	46.65	74.00	-27.35	Vertical
2	3903.251	47.42	-0.04	47.38	74.00	-26.62	Vertical
3	5423.179	46.68	1.60	48.28	74.00	-25.72	Vertical
4	5654.039	46.93	1.79	48.72	74.00	-25.28	Vertical
5	7569.951	44.85	3.28	48.13	74.00	-25.87	Vertical
6	11592.185	44.04	5.81	49.85	74.00	-24.15	Vertical
7	4050.603	47.79	0.41	48.20	74.00	-25.80	Horizontal
8	5323.623	47.12	1.35	48.47	74.00	-25.53	Horizontal
9	6868.285	45.39	2.27	47.66	74.00	-26.34	Horizontal
10	7640.405	45.01	3.24	48.25	74.00	-25.75	Horizontal
11	10135.083	45.53	3.97	49.50	74.00	-24.50	Horizontal
12	14212.750	40.97	9.69	50.66	74.00	-23.34	Horizontal

NOTE：

Above 1GHz, the tested values of Peak are lower than the correspondingly limited values of AV.So don’t read the values of AVG.

The field strength is calculated by adding the Antenna Factor. Correct Factor.

The basic equation with a sample calculation is as follows:

Final Test Level =Receiver Reading + Correct Factor

3. High Frequency 2480MHz

30MHz~1GHz Spurious Emissions .Quasi-Peak Measurement

No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Antenna polarization
1	135.2626	27.12	12.98	40.10	43.50	-3.40	Vertical
2	378.2610	14.90	16.78	31.68	46.00	-14.32	Vertical
3	404.6482	15.69	17.98	33.67	46.00	-12.33	Vertical
4	432.8763	15.28	17.60	32.88	46.00	-13.12	Vertical
5	460.4787	14.73	18.16	32.89	46.00	-13.11	Vertical
6	541.9813	13.51	20.35	33.86	46.00	-12.14	Vertical
7	135.2626	20.23	12.98	33.21	43.50	-10.29	Horizontal
8	212.0406	21.55	12.24	33.79	43.50	-9.71	Horizontal
9	325.0108	17.93	15.43	33.36	46.00	-12.64	Horizontal
10	404.6482	14.25	17.98	32.23	46.00	-13.77	Horizontal
11	432.8763	15.91	17.60	33.51	46.00	-12.49	Horizontal
12	460.4787	15.61	18.16	33.77	46.00	-12.23	Horizontal

1~25 GHz Harmonics & Spurious Emissions. Peak & Average Measurement

Peak Measurement:

No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Antenna polarization
1	4031.884	50.12	0.43	50.55	74.00	-23.45	Vertical
2	4807.850	50.45	0.25	50.70	74.00	-23.30	Vertical
3	5786.515	48.50	1.79	50.29	74.00	-23.71	Vertical
4	8077.115	47.64	2.96	50.60	74.00	-23.40	Vertical
5	9587.105	46.49	3.51	50.00	74.00	-24.00	Vertical
6	12835.764	42.46	8.57	51.03	74.00	-22.97	Vertical
7	2888.477	52.39	-2.13	50.26	74.00	-23.74	Horizontal
8	3903.251	49.16	-0.04	49.12	74.00	-24.88	Horizontal
9	5177.706	49.97	0.97	50.94	74.00	-23.06	Horizontal
10	7783.286	47.64	3.15	50.79	74.00	-23.21	Horizontal
11	10041.626	45.69	4.11	49.80	74.00	-24.20	Horizontal
12	12658.631	41.83	7.75	49.58	74.00	-24.42	Horizontal

NOTE：

Above 1GHz, the tested values of Peak are lower than the correspondingly limited values of AVG.So don’t read the values of AVG.

The field strength is calculated by adding the Antenna Factor. Correct Factor.

The basic equation with a sample calculation is as follows:

Final Test Level =Receiver Reading + Correct Factor

BT 3：

1. Low Frequency 2402MHz

30MHz~1GHz Spurious Emissions .Quasi-Peak Measurement

No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Antenna polarization
1	43.7154	19.62	13.59	33.21	40.00	-6.79	Vertical
2	44.7092	18.37	13.27	31.64	40.00	-8.36	Vertical
3	135.2626	26.32	12.98	39.30	43.50	-4.20	Vertical
4	139.1171	24.88	12.62	37.50	43.50	-6.00	Vertical
5	145.5140	24.67	12.14	36.81	43.50	-6.69	Vertical
6	147.9878	24.31	11.97	36.28	43.50	-7.22	Vertical
7	135.2626	20.42	12.98	33.40	43.50	-10.10	Horizontal
8	161.9103	18.53	11.29	29.82	43.50	-13.68	Horizontal
9	297.0638	19.52	14.15	33.67	46.00	-12.33	Horizontal
10	325.0108	19.07	15.43	34.50	46.00	-11.50	Horizontal
11	351.6130	16.21	15.86	32.07	46.00	-13.93	Horizontal
12	432.8763	14.64	17.60	32.24	46.00	-13.76	Horizontal

1~25 GHz Harmonics & Spurious Emissions. Peak & Average Measurement
Peak Measurement:

No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Antenna polarization
1	1994.052	54.72	-5.68	49.04	74.00	-24.96	Vertical
2	2915.360	51.85	-2.19	49.66	74.00	-24.34	Vertical
3	4807.850	50.39	0.25	50.64	74.00	-23.36	Vertical
4	7362.463	48.08	3.02	51.10	74.00	-22.90	Vertical
5	10276.904	46.17	3.74	49.91	74.00	-24.09	Vertical
6	12835.764	41.77	8.57	50.34	74.00	-23.66	Vertical
7	1395.851	59.08	-9.62	49.46	74.00	-24.54	Horizontal
8	3183.565	53.69	-2.33	51.36	74.00	-22.64	Horizontal
9	3778.722	51.38	-0.71	50.67	74.00	-23.33	Horizontal
10	5153.779	48.98	0.91	49.89	74.00	-24.11	Horizontal
11	7500.147	47.62	3.33	50.95	74.00	-23.05	Horizontal
12	10914.750	45.58	4.74	50.32	74.00	-23.68	Horizontal

NOTE：
Above 1GHz, the tested values of Peak are lower than the correspondingly limited values of AVG. So don’t read the values of AVG.
The field strength is calculated by adding the Antenna Factor. Correct Factor.
The basic equation with a sample calculation is as follows:
Final Test Level =Receiver Reading + Correct Factor

2. Middle Frequency 2441MHz

30MHz~1GHz Spurious Emissions .Quasi-Peak Measurement

No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Antenna polarization
1	43.7154	18.72	13.59	32.31	40.00	-7.69	Vertical
2	44.7092	17.67	13.27	30.94	40.00	-9.06	Vertical
3	135.2626	26.52	12.98	39.50	43.50	-4.00	Vertical
4	143.0814	23.77	12.30	36.07	43.50	-7.43	Vertical
5	161.9103	21.68	11.29	32.97	43.50	-10.53	Vertical
6	541.9813	14.51	20.35	34.86	46.00	-11.14	Vertical
7	135.2626	20.21	12.98	33.19	43.50	-10.31	Horizontal
8	297.0638	19.39	14.15	33.54	46.00	-12.46	Horizontal
9	325.0108	19.03	15.43	34.46	46.00	-11.54	Horizontal
10	351.6130	16.57	15.86	32.43	46.00	-13.57	Horizontal
11	460.4787	14.28	18.16	32.44	46.00	-13.56	Horizontal
12	701.8556	10.92	21.83	32.75	46.00	-13.25	Horizontal

1~25 GHz Harmonics & Spurious Emissions. Peak & Average Measurement

Peak Measurement:

No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Antenna polarization
1	3243.100	49.90	-2.30	47.60	74.00	-26.40	Vertical
2	3903.251	49.12	-0.04	49.08	74.00	-24.92	Vertical
3	5680.290	47.87	1.78	49.65	74.00	-24.35	Vertical
4	7965.651	45.73	3.05	48.78	74.00	-25.22	Vertical
5	9949.029	44.81	4.09	48.90	74.00	-25.10	Vertical
6	13444.302	40.45	10.61	51.06	74.00	-22.94	Vertical
7	3885.213	49.61	-0.14	49.47	74.00	-24.53	Horizontal
8	5550.246	47.38	1.79	49.17	74.00	-24.83	Horizontal
9	7500.147	46.04	3.33	49.37	74.00	-24.63	Horizontal
10	9995.220	45.88	4.17	50.05	74.00	-23.95	Horizontal
11	13444.302	41.00	10.61	51.61	74.00	-22.39	Horizontal
12	16636.976	35.23	16.27	51.50	74.00	-22.50	Horizontal

NOTE：

Above 1GHz, the tested values of Peak are lower than the correspondingly limited values of AV.So don’t read the values of AVG.

The field strength is calculated by adding the Antenna Factor. Correct Factor.

The basic equation with a sample calculation is as follows:

Final Test Level =Receiver Reading + Correct Factor

3. High Frequency 2480MHz

30MHz~1GHz Spurious Emissions .Quasi-Peak Measurement

No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Antenna polarization
1	43.7154	19.26	13.59	32.85	40.00	-7.15	Vertical
2	44.7092	18.48	13.27	31.75	40.00	-8.25	Vertical
3	99.3002	20.02	10.32	30.34	43.50	-13.16	Vertical
4	135.2626	25.92	12.98	38.90	43.50	-4.60	Vertical
5	139.1171	24.76	12.62	37.38	43.50	-6.12	Vertical
6	144.6985	24.69	12.19	36.88	43.50	-6.62	Vertical
7	135.2626	19.67	12.98	32.65	43.50	-10.85	Horizontal
8	161.9103	18.11	11.29	29.40	43.50	-14.10	Horizontal
9	297.0638	20.88	14.15	35.03	46.00	-10.97	Horizontal
10	312.4743	19.08	15.68	34.76	46.00	-11.24	Horizontal
11	325.0108	17.93	15.43	33.36	46.00	-12.64	Horizontal
12	460.4787	13.95	18.16	32.11	46.00	-13.89	Horizontal

1~25 GHz Harmonics & Spurious Emissions. Peak & Average Measurement
Peak Measurement:

No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Antenna polarization
1	3183.565	54.03	-2.33	51.70	74.00	-22.30	Vertical
2	5601.902	48.59	1.79	50.38	74.00	-23.62	Vertical
3	7430.986	47.23	3.18	50.41	74.00	-23.59	Vertical
4	10276.904	47.25	3.74	50.99	74.00	-23.01	Vertical
5	13258.772	40.84	10.07	50.91	74.00	-23.09	Vertical
6	16791.817	35.22	16.66	51.88	74.00	-22.12	Vertical
7	3541.455	51.84	-2.00	49.84	74.00	-24.16	Horizontal
8	4013.252	50.02	0.47	50.49	74.00	-23.51	Horizontal
9	5129.961	48.32	0.85	49.17	74.00	-24.83	Horizontal
10	7892.198	47.03	3.10	50.13	74.00	-23.87	Horizontal
11	10566.526	46.53	3.61	50.14	74.00	-23.86	Horizontal
12	13506.721	39.09	10.75	49.84	74.00	-24.16	Horizontal

NOTE：
Above 1GHz, the tested values of Peak are lower than the correspondingly limited values of AVG.So don’t read the values of AVG.
The field strength is calculated by adding the Antenna Factor. Correct Factor.
The basic equation with a sample calculation is as follows:
Final Test Level =Receiver Reading + Correct Factor

BT 1 + BT 2 + BT 3：

1. Low Frequency 2402MHz

30MHz~1GHz Spurious Emissions .Quasi-Peak Measurement

No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Antenna polarization
1	44.9611	5.26	13.16	18.42	40.00	-21.58	Vertical
2	57.5731	12.26	9.63	21.89	40.00	-18.11	Vertical
3	63.3444	14.92	8.64	23.56	40.00	-16.44	Vertical
4	64.4213	13.22	8.37	21.59	40.00	-18.41	Vertical
5	125.7335	6.20	13.08	19.28	43.50	-24.22	Vertical
6	234.6108	12.55	13.00	25.55	46.00	-20.45	Vertical
7	57.5732	11.73	9.63	21.36	40.00	-18.64	Horizontal
8	63.3445	15.13	8.64	23.77	40.00	-16.23	Horizontal
9	109.2544	13.61	12.01	25.62	43.50	-17.88	Horizontal
10	127.1547	10.21	13.12	23.33	43.50	-20.17	Horizontal
11	239.9442	13.19	13.20	26.39	46.00	-19.61	Horizontal
12	908.8900	6.26	27.00	33.26	46.00	-12.74	Horizontal

1~25 GHz Harmonics & Spurious Emissions. Peak & Average Measurement
Peak Measurement:

No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Antenna polarization
1	5323.623	47.78	1.35	49.13	74.00	-24.87	Vertical
2	7362.463	46.38	3.02	49.40	74.00	-24.60	Vertical
3	9995.220	45.16	4.17	49.33	74.00	-24.67	Vertical
4	12835.764	42.67	8.57	51.24	74.00	-22.76	Vertical
5	14955.685	39.85	11.59	51.44	74.00	-22.56	Vertical
6	16791.817	34.12	16.66	50.78	74.00	-23.22	Vertical
7	5473.653	47.50	1.73	49.23	74.00	-24.77	Horizontal
8	7430.986	45.92	3.18	49.10	74.00	-24.90	Horizontal
9	9995.220	45.07	4.17	49.24	74.00	-24.76	Horizontal
10	10965.425	44.72	4.90	49.62	74.00	-24.38	Horizontal
11	13506.721	41.20	10.75	51.95	74.00	-22.05	Horizontal
12	16331.563	35.88	15.01	50.89	74.00	-23.11	Horizontal

NOTE：
Above 1GHz, the tested values of Peak are lower than the correspondingly limited values of AVG. So don’t read the values of AVG.
The field strength is calculated by adding the Antenna Factor. Correct Factor.
The basic equation with a sample calculation is as follows:
Final Test Level =Receiver Reading + Correct Factor

2. Middle Frequency 2441MHz

30MHz~1GHz Spurious Emissions .Quasi-Peak Measurement

No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Antenna polarization
1	57.5731	11.61	9.63	21.24	40.00	-18.76	Vertical
2	63.3444	14.90	8.64	23.54	40.00	-16.46	Vertical
3	234.6108	10.80	13.00	23.80	46.00	-22.20	Vertical
4	246.7815	10.59	13.33	23.92	46.00	-22.08	Vertical
5	798.6924	6.45	24.37	30.82	46.00	-15.18	Vertical
6	914.0118	5.84	27.04	32.88	46.00	-13.12	Vertical
7	88.7442	9.70	8.44	18.14	43.50	-25.36	Horizontal
8	113.0009	8.01	12.25	20.26	43.50	-23.24	Horizontal
9	239.9442	15.53	13.20	28.73	46.00	-17.27	Horizontal
10	246.7816	15.83	13.33	29.16	46.00	-16.84	Horizontal
11	794.2168	6.30	24.50	30.80	46.00	-15.20	Horizontal
12	919.1626	5.56	27.00	32.56	46.00	-13.44	Horizontal

1~25 GHz Harmonics & Spurious Emissions. Peak & Average Measurement

Peak Measurement:

No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Antenna polarization
1	5759.774	47.69	1.79	49.48	74.00	-24.52	Vertical
2	7783.286	46.04	3.15	49.19	74.00	-24.81	Vertical
3	11379.382	44.76	5.57	50.33	74.00	-23.67	Vertical
4	13506.721	41.17	10.75	51.92	74.00	-22.08	Vertical
5	15592.337	37.90	12.84	50.74	74.00	-23.26	Vertical
6	16714.217	34.29	16.46	50.75	74.00	-23.25	Vertical
7	5348.340	47.62	1.41	49.03	74.00	-24.97	Horizontal
8	11700.074	43.91	5.89	49.80	74.00	-24.20	Horizontal
9	12835.764	42.89	8.57	51.46	74.00	-22.54	Horizontal
10	13382.172	41.76	10.42	52.18	74.00	-21.82	Horizontal
11	15377.164	38.90	12.51	51.41	74.00	-22.59	Horizontal
12	16483.562	35.19	15.84	51.03	74.00	-22.97	Horizontal

NOTE：

Above 1GHz, the tested values of Peak are lower than the correspondingly limited values of AV.So don’t read the values of AVG.

The field strength is calculated by adding the Antenna Factor. Correct Factor.

The basic equation with a sample calculation is as follows:

Final Test Level =Receiver Reading + Correct Factor

3. High Frequency 2480MHz

30MHz~1GHz Spurious Emissions .Quasi-Peak Measurement

No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Antenna polarization
1	44.9612	7.03	13.16	20.19	40.00	-19.81	Vertical
2	58.5520	13.39	9.53	22.92	40.00	-17.08	Vertical
3	63.3445	15.24	8.64	23.88	40.00	-16.12	Vertical
4	208.4958	10.69	11.97	22.66	43.50	-20.84	Vertical
5	245.3987	9.91	13.33	23.24	46.00	-22.76	Vertical
6	914.0119	6.55	27.04	33.59	46.00	-12.41	Vertical
7	58.5520	9.77	9.53	19.30	40.00	-20.70	Horizontal
8	110.4892	12.64	12.13	24.77	43.50	-18.73	Horizontal
9	246.7816	15.98	13.33	29.31	46.00	-16.69	Horizontal
10	256.6826	15.79	13.32	29.11	46.00	-16.89	Horizontal
11	794.2168	6.72	24.50	31.22	46.00	-14.78	Horizontal
12	924.3423	6.36	26.91	33.27	46.00	-12.73	Horizontal

1~25 GHz Harmonics & Spurious Emissions. Peak & Average Measurement
Peak Measurement:

No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Antenna polarization
1	3813.890	49.57	-0.52	49.05	74.00	-24.95	Vertical
2	5373.171	48.74	1.47	50.21	74.00	-23.79	Vertical
3	6680.030	46.99	2.30	49.29	74.00	-24.71	Vertical
4	11700.074	44.95	5.89	50.84	74.00	-23.16	Vertical
5	13506.721	41.61	10.75	52.36	74.00	-21.64	Vertical
6	16483.562	36.33	15.84	52.17	74.00	-21.83	Vertical
7	7569.951	46.65	3.28	49.93	74.00	-24.07	Horizontal
8	11067.480	44.94	5.11	50.05	74.00	-23.95	Horizontal
9	12835.764	42.88	8.57	51.45	74.00	-22.55	Horizontal
10	13506.721	40.97	10.75	51.72	74.00	-22.28	Horizontal
11	15520.280	38.06	12.78	50.84	74.00	-23.16	Horizontal
12	16407.387	35.60	15.42	51.02	74.00	-22.98	Horizontal

NOTE：
Above 1GHz, the tested values of Peak are lower than the correspondingly limited values of AVG.So don’t read the values of AVG.
The field strength is calculated by adding the Antenna Factor. Correct Factor.
The basic equation with a sample calculation is as follows:
Final Test Level =Receiver Reading + Correct Factor

Remark:

1). No any other emissions level which are attenuated less than 20dB below the limit.
According to 15.31(o), The amplitude of spurious emissions from intentional radiators and emissions from unintentional radiators which are attenuated more than 20 dB below the permissible value need not be reported unless specifically required elsewhere in this Part.
Hence there no other emissions have been reported.

2). As shown in Section, for frequencies above 1000 MHz. the above field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.

3). The test only perform the EUT in transmitting status since the test frequencies were over 1GHz only required transmitting status.

Test result: The unit does meet the requirements.

4.10 BAND EDGES REQUIREMENT

4.10.1 LIMITS

Section 15.247 (d) In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in Section 15.209(a) is not required.

4.10.2 TEST PROCEDURES

1. Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
2. Position the EUT without connection to measurement instrument. Turn on the EUT and connect its antenna terminal to measurement instrument via a low loss cable. Then set it to any one measured frequency within its operating range, and make sure the instrument is operated in its linear range.
3. Fixing frequency mode：
4. Set RBW to 100 kHz and VBW of spectrum analyzer to 300 kHz with a convenient frequency span including 100 kHz bandwidth from band edge. Measure the highest amplitude appearing on spectral display and set it as a reference level. Plot the graph with marking the highest point and edge frequency. Repeat above procedures until all measured frequencies were complete.
5. Frequency Hopping mode:
6. Span = wide enough to capture the peak level of the emission operating on the channel closest to the band edge, as well as any modulation products which fall outside of the authorized band of operation.
7. RBW ⩾1 % of spectrum analyzer display span(set 100kHz), VBW ⩾RBW(set 100kHz), Sweep = auto, Detector function = peak, Trace = max hold.

Allow the trace to stabilize. Set the marker on the emission at the band edge, or on the highest modulation product outside of the band, if this level is greater than that at the band edge.

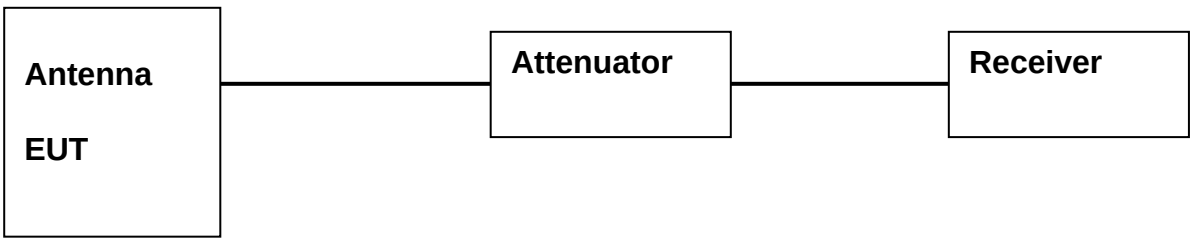
Remark:

BT1:Pre-test the 3 modulation to find GFSK and 8DPSK is worse case, so only record GFSK and 8DPSK test data.

BT2:Pre-test the 3 modulation to find GFSK and 8DPSK is worse case, so only record GFSK and 8DPSK test data.

BT3:Pre-test the 3 modulation to find GFSK and 8DPSK is worse case, so only record GFSK and 8DPSK test data.

4.10.3 TEST SETUP



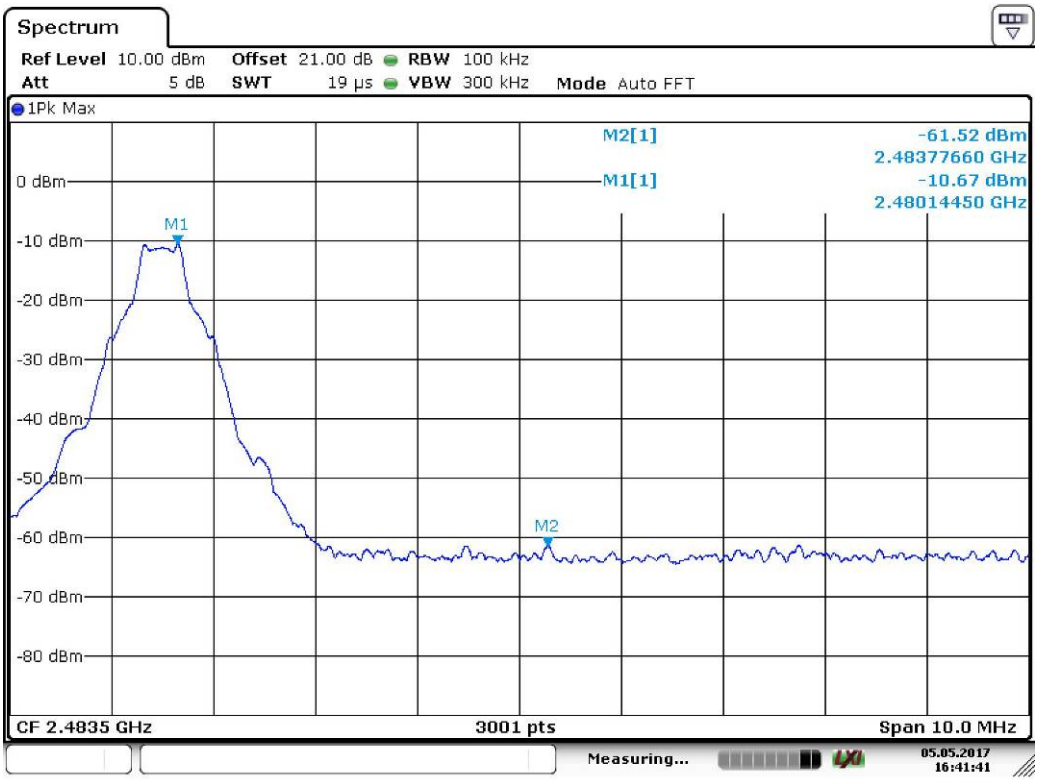
4.10.4 TEST RESULTS

Test result plot as follows:
BT1: For GFSK

Lowest Channel

Date: 5.MAY.2017 16:28:18

Highest Channel



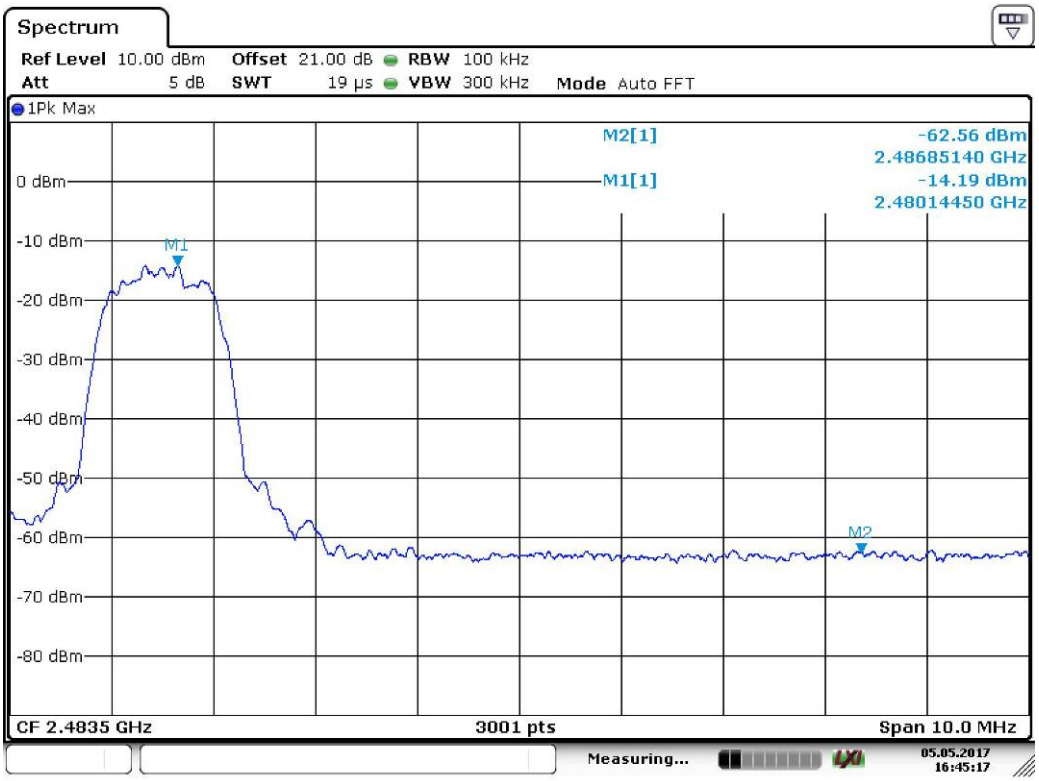
Date: 5.MAY.2017 16:41:42

For 8DPSK

Lowest Channel

Date: 5.MAY.2017 16:43:42

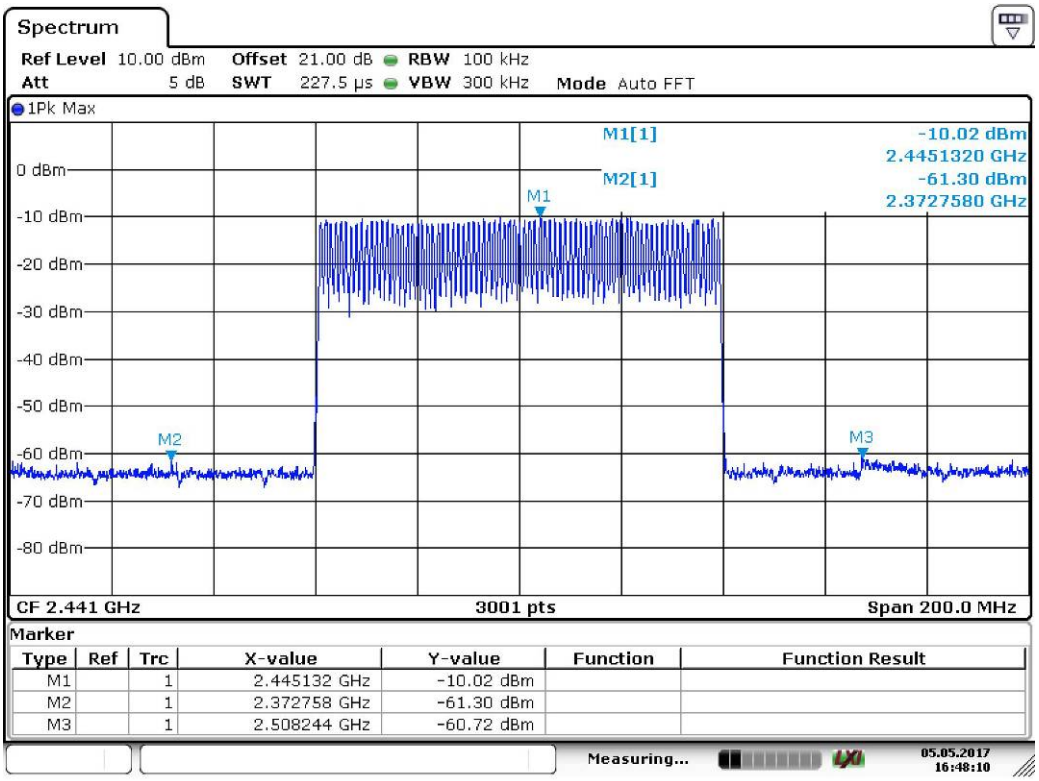
Highest Channel



Date: 5.MAY.2017 16:45:17

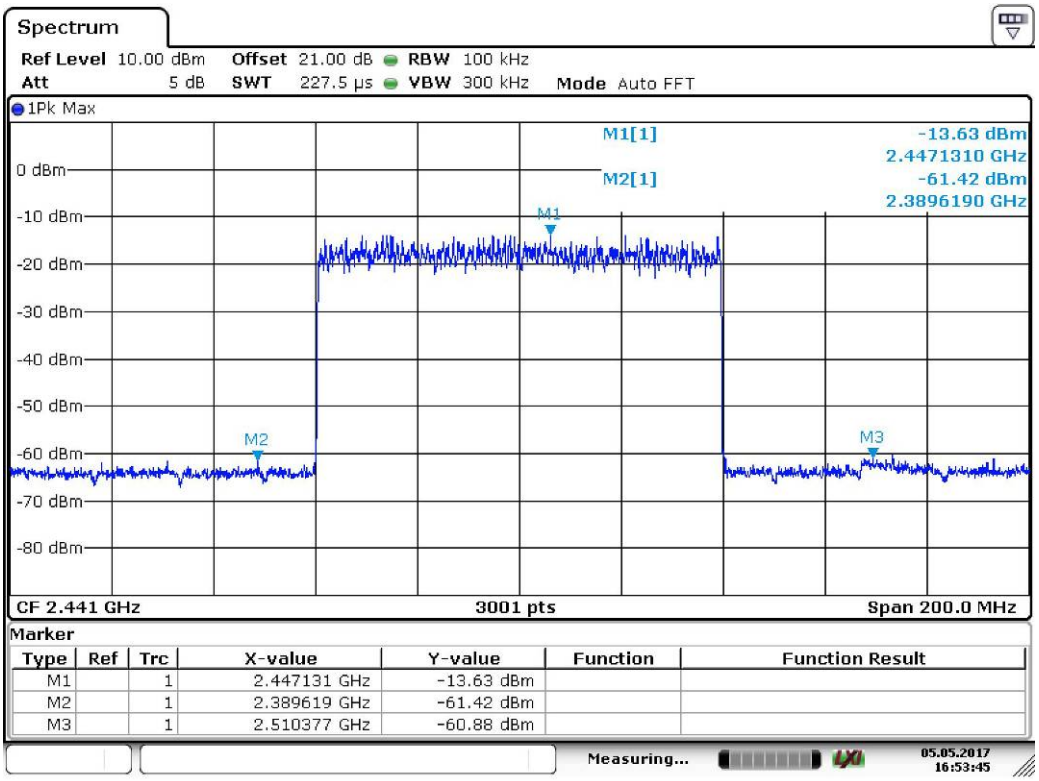
Frequency Hopping mode:

FOR GFSK:



Date: 5.MAY.2017 16:48:10

FOR 8DPSK



Date: 5.MAY.2017 16:53:45

BT2:For GFSK

Lowest Channel

Date: 12.APR.2017 16:17:24

Highest Channel

Date: 12.APR.2017 16:18:17

For 8DPSK

Lowest Channel

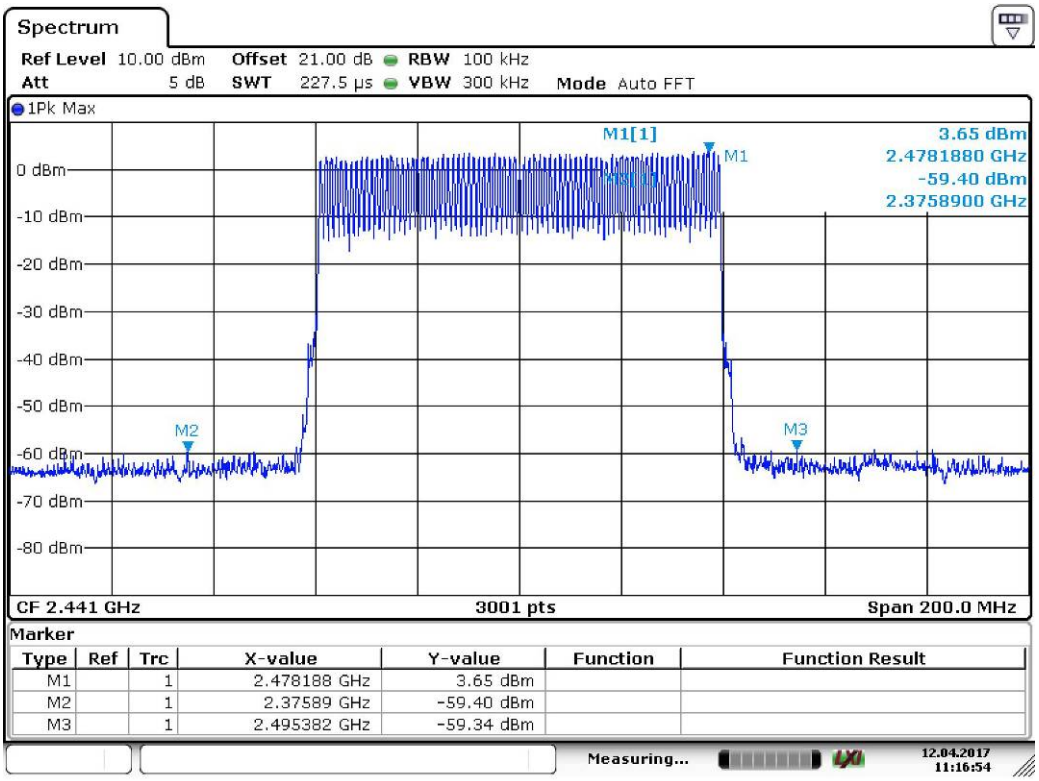
Date: 12.APR.2017 16:20:25

Highest Channel

Date: 12.APR.2017 16:19:26

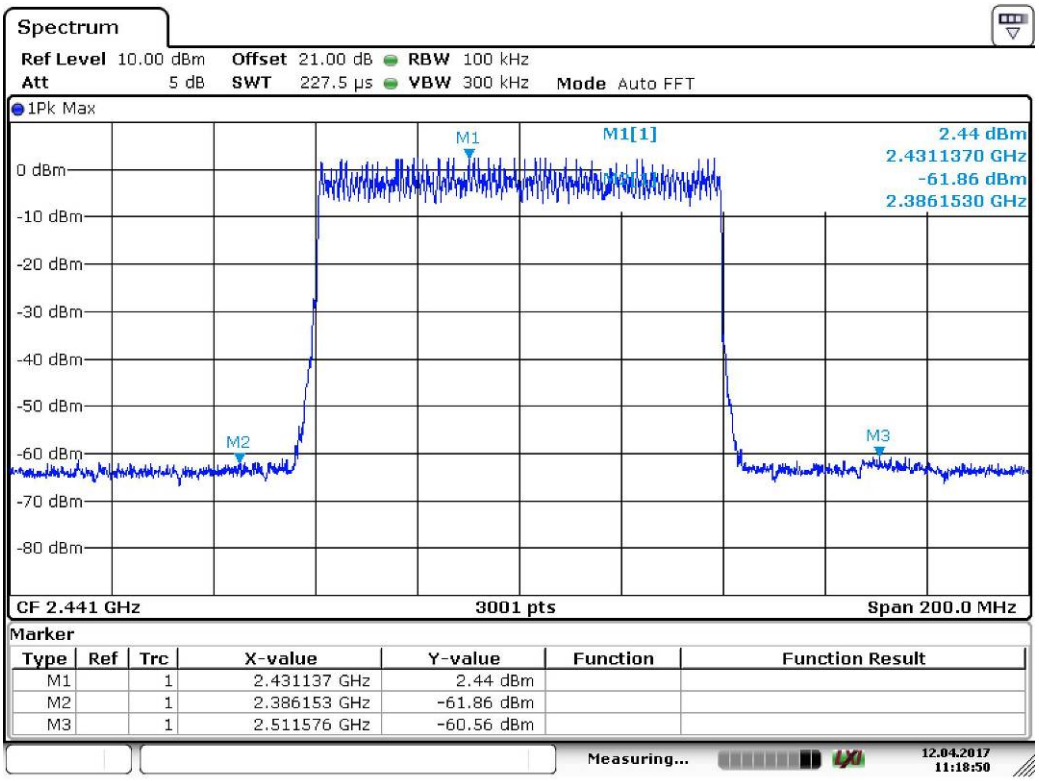
Frequency Hopping mode:

FOR GFSK:



Date: 12.APR.2017 11:16:54

FOR 8DPSK



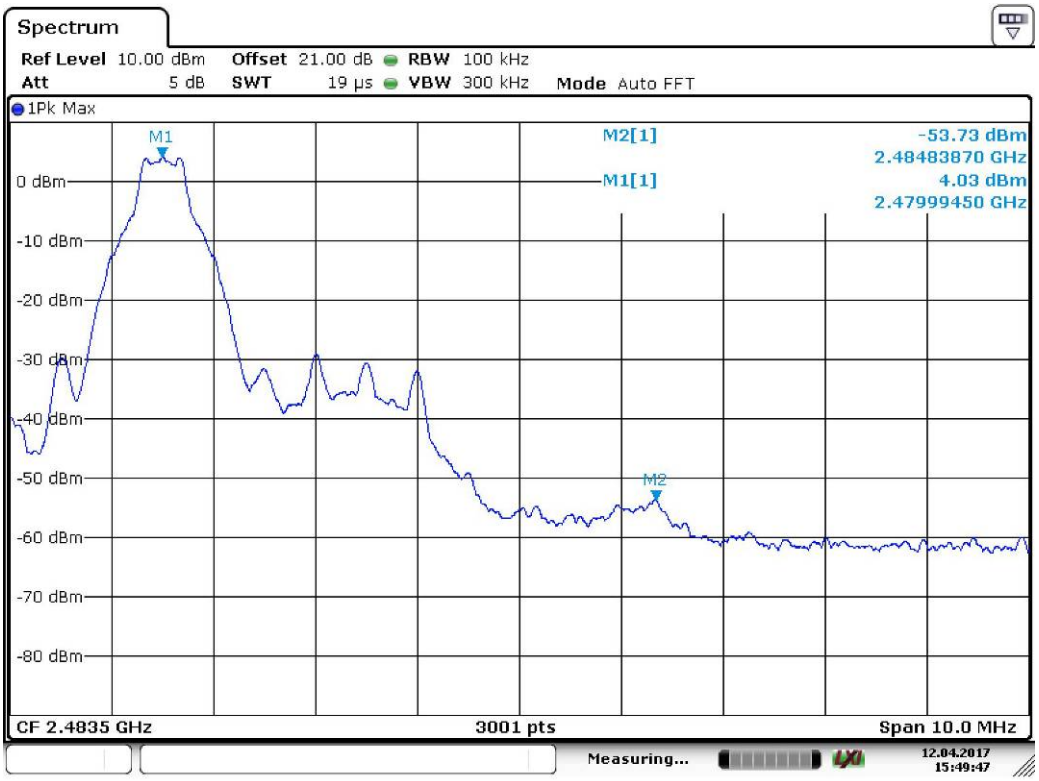
Date: 12.APR.2017 11:18:50

BT3:For GFSK

Lowest Channel

Date: 12.APR.2017 15:48:56

Highest Channel



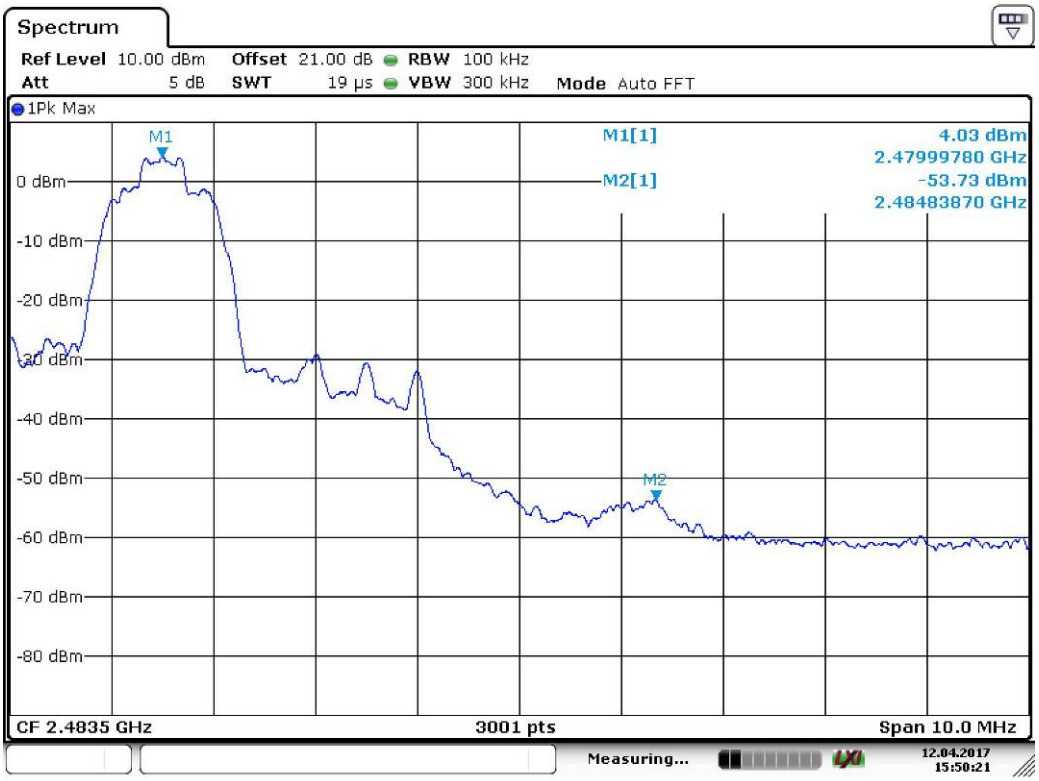
Date: 12.APR.2017 15:49:47

For 8DPSK

Lowest Channel

Date: 12.APR.2017 15:51:03

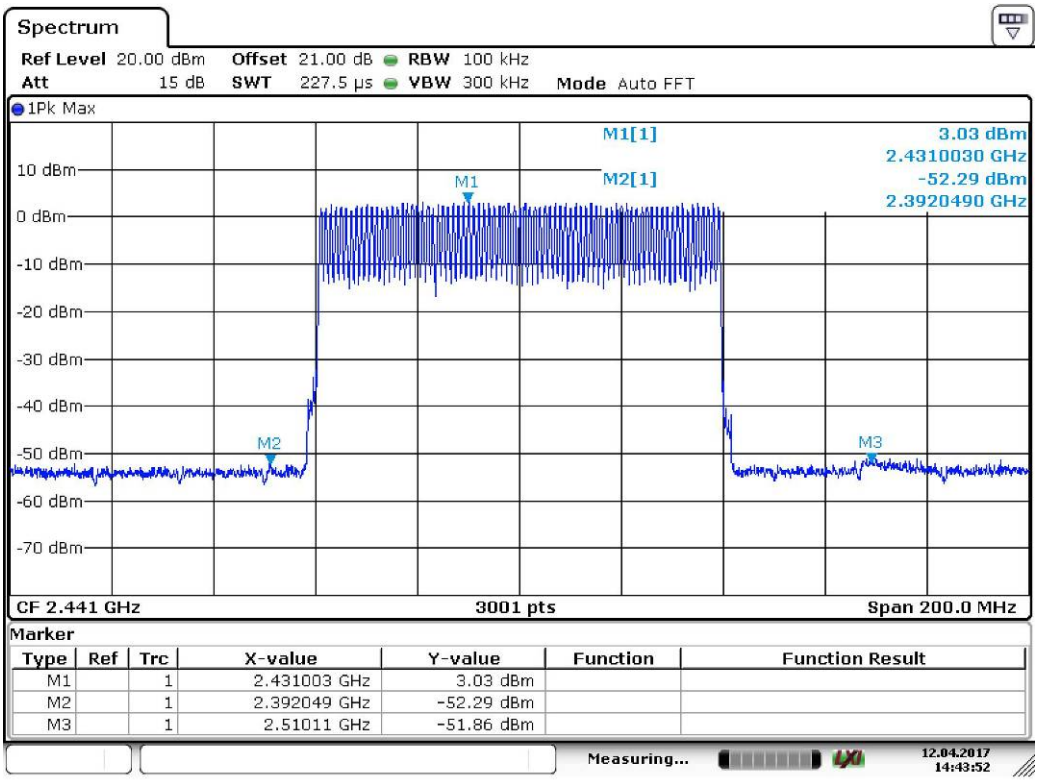
Highest Channel



Date: 12.APR.2017 15:50:22

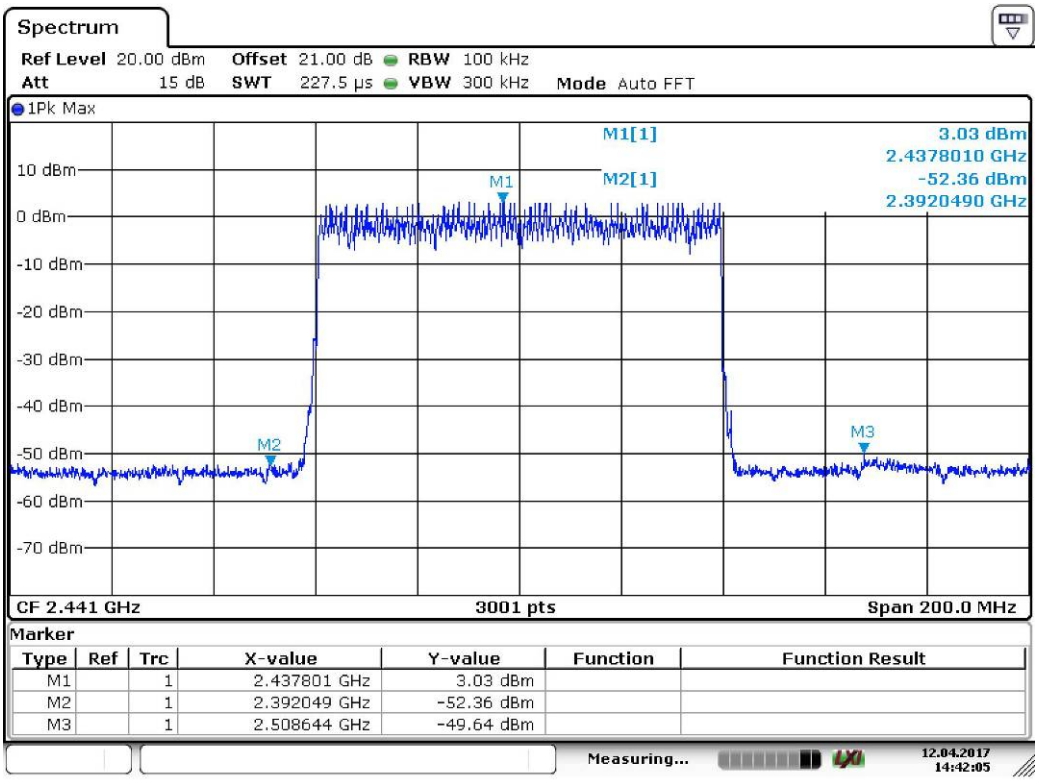
Frequency Hopping mode:

FOR GFSK:



Date: 12.APR.2017 14:43:53

FOR 8DPSK



Date: 12.APR.2017 14:42:05

4.10.5 RADIATED EMISSIONS WHICH FALL IN THE RESTRICTED BANDS

Test Requirement:	Section 15.247(d) In addition, radiated emissions which fall in the restricted bands. as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (see Section 15.205(c)).

Section 15.205 Restricted bands of operation.

(a) Except as shown in paragraph (d) of this section. Only spurious emissions are permitted in any of the frequency bands listed below:

MHz	MHz	MHz	GHz
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
[1]0.495 - 0.505	16.69475 -	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.69525	960 - 1240	7.25 - 7.75
4.125 - 4.128	16.80425 -	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	16.80475	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	25.5 - 25.67	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	37.5 - 38.25	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	73 - 74.6	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	74.8 - 75.2	2200 - 2300	14.47 - 14.5
8.291 - 8.294	108 - 121.94	2310 - 2390	15.35 - 16.2
8.362 - 8.366	123 - 138	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	149.9 - 150.05	2655 - 2900	22.01 - 23.12
8.41425 - 8.41475	156.52475 -	3260 - 3267	23.6 - 24.0
12.29 - 12.293	156.52525	3332 - 3339	31.2 - 31.8
12.51975 -	156.7 - 156.9	3345.8 - 3358	36.43 - 36.5
12.52025	162.0125 - 167.17	3600 - 4400	
12.57675 -	167.72 - 173.2		
12.57725	240 - 285		
13.36 - 13.41	322 - 335.4		

Pretest the Bluetooth normal mode and EDR mode, to find the packet type 3DH5 for the EDR mode is the worst case,so only record the worst case.
The field strength was measured with an EMI measuring receiver and 1 MHz RBW / VBW for peak and with 1MHz RBW / 10Hz VBW for average at a distance of 3m.

Test Result:

BT 1:
Channel Low

No.	Freq MHz	Reading dBuV	Factor dB	Level dBuV/m	Limit dBuV/m	Over Limit dB	Remark	Pol V/H
1	2310.000	38.81	-3.49	35.32	54.00	-18.68	peak	VERTICAL
2	2390.000	38.54	-2.92	35.62	54.00	-18.38	peak	VERTICAL
1	2310.000	38.88	-3.49	35.39	54.00	-18.61	peak	HORIZONTAL
2	2390.000	38.66	-2.92	35.74	54.00	-18.26	peak	HORIZONTAL

Channel High

No.	Freq MHz	Reading dBuV	Factor dB	Level dBuV/m	Limit dBuV/m	Over Limit dB	Remark	Pol V/H
1	2483.500	38.33	-2.34	35.99	54.00	-18.01	peak	VERTICAL
2	2500.000	38.21	-2.24	35.97	54.00	-18.03	peak	VERTICAL
1	2483.500	38.47	-2.34	36.13	54.00	-17.87	peak	HORIZONTAL
2	2500.000	38.35	-2.24	36.11	54.00	-17.89	peak	HORIZONTAL

Remark:
1. Max field strength in 3m distance. No any other emission which falls in restricted bands can be detected and be reported.
2. The test result in peak detector is lower than AVG limit , so only test the EUT in peak detector.

BT 2:
Channel Low

No.	Freq MHz	Reading dBuV	Factor dB	Level dBuV/m	Limit dBuV/m	Over Limit dB	Remark	Pol V/H
1	2310.000	38.83	-3.49	35.34	54.00	-18.66	peak	VERTICAL
2	2390.000	38.52	-2.92	35.60	54.00	-18.40	peak	VERTICAL
1	2310.000	39.02	-3.49	35.53	54.00	-18.47	peak	HORIZONTAL
2	2390.000	38.84	-2.92	35.92	54.00	-18.08	peak	HORIZONTAL

Channel High

No.	Freq MHz	Reading dBuV	Factor dB	Level dBuV/m	Limit dBuV/m	Over Limit dB	Remark	Pol V/H
1	2483.500	39.44	-2.34	37.10	54.00	-16.90	peak	VERTICAL
2	2500.000	38.27	-2.24	36.03	54.00	-17.97	peak	VERTICAL
1	2483.500	40.52	-2.34	38.18	54.00	-15.82	peak	HORIZONTAL
2	2500.000	38.39	-2.24	36.15	54.00	-17.85	peak	HORIZONTAL

Remark:
1. Max field strength in 3m distance. No any other emission which falls in restricted bands can be detected and be reported.
2. The test result in peak detector is lower than AVG limit , so only test the EUT in peak detector.

BT 3：

Channel Low

No.	Freq MHz	Reading dBuV	Factor dB	Level dBuV/m	Limit dBuV/m	Over Limit dB	Remark	Pol V/H
1	2310.000	38.78	-3.49	35.29	54.00	-18.71	peak	VERTICAL
2	2390.000	38.54	-2.92	35.62	54.00	-18.38	peak	VERTICAL
1	2310.000	38.83	-3.49	35.34	54.00	-18.66	peak	HORIZONTAL
2	2390.000	38.63	-2.92	35.71	54.00	-18.29	peak	HORIZONTAL

Channel High

No.	Freq MHz	Reading dBuV	Factor dB	Level dBuV/m	Limit dBuV/m	Over Limit dB	Remark	Pol V/H
1	2483.500	39.82	-2.34	37.48	54.00	-16.52	peak	VERTICAL
2	2500.000	38.32	-2.24	36.08	54.00	-17.92	peak	VERTICAL
1	2483.500	39.49	-2.34	37.15	54.00	-16.85	peak	HORIZONTAL
2	2500.000	38.36	-2.24	36.12	54.00	-17.88	peak	HORIZONTAL

Remark:

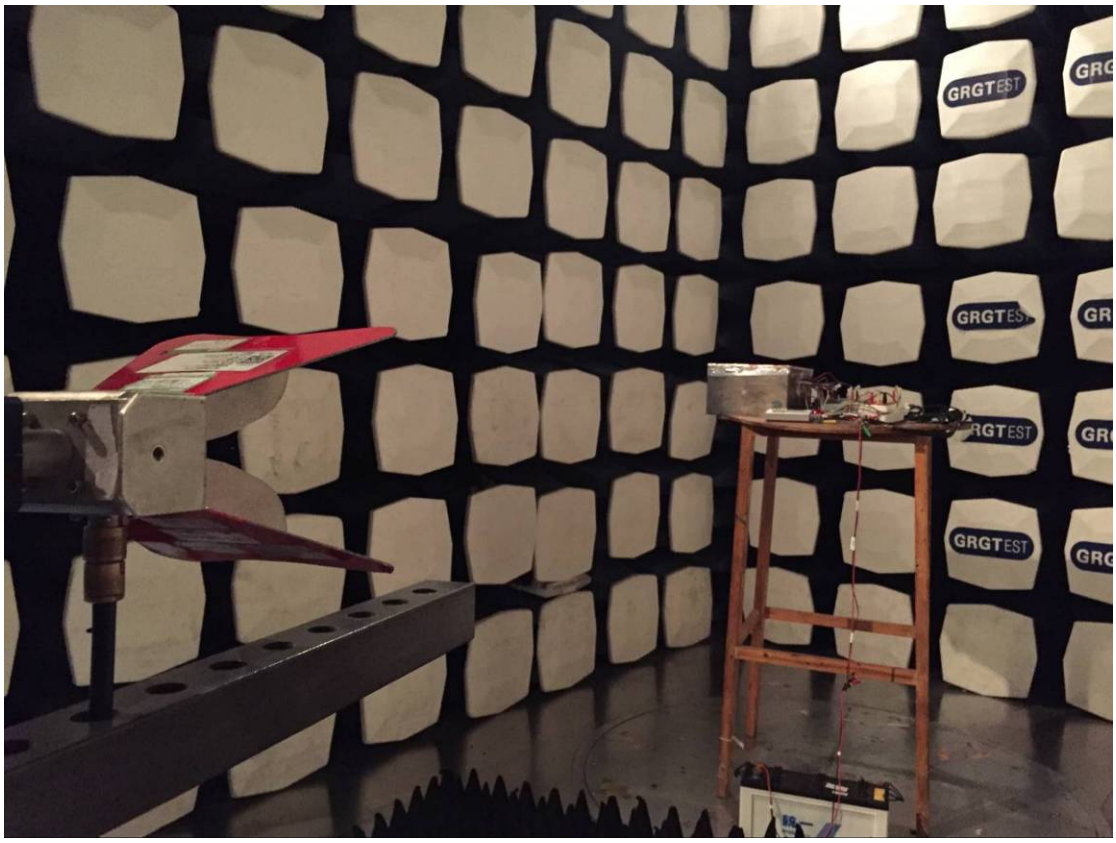
1. Max field strength in 3m distance. No any other emission which falls in restricted bands can be detected and be reported.
2. The test result in peak detector is lower than AVG limit, so only test the EUT in peak detector.

The unit does meet the FCC requirements.

APPENDIX A: PHOTOGRAPH OF THE TEST ARRANGEMENT

RSE（Below 1GHz）

RSE（Above 1GHz）



CE

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