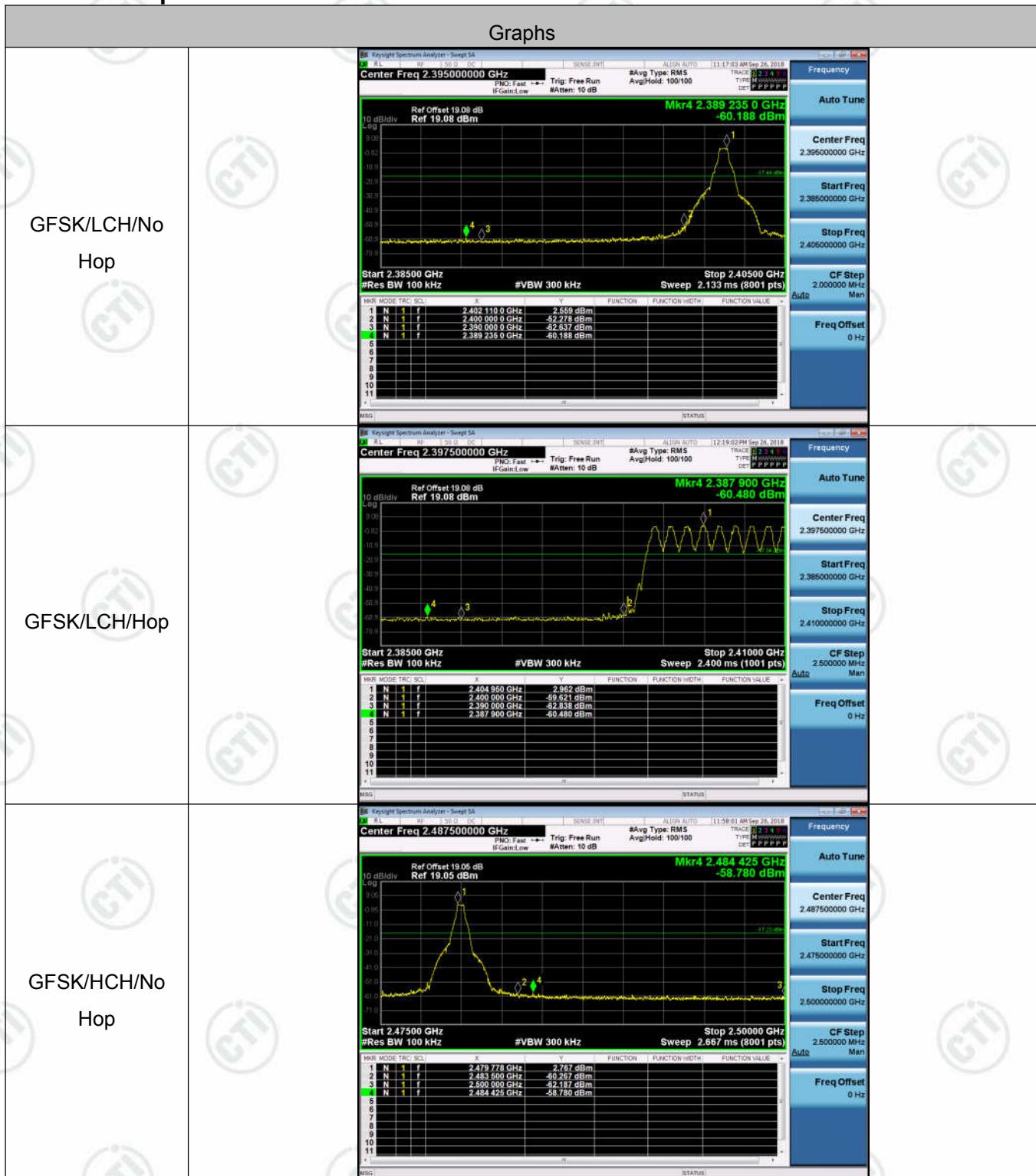


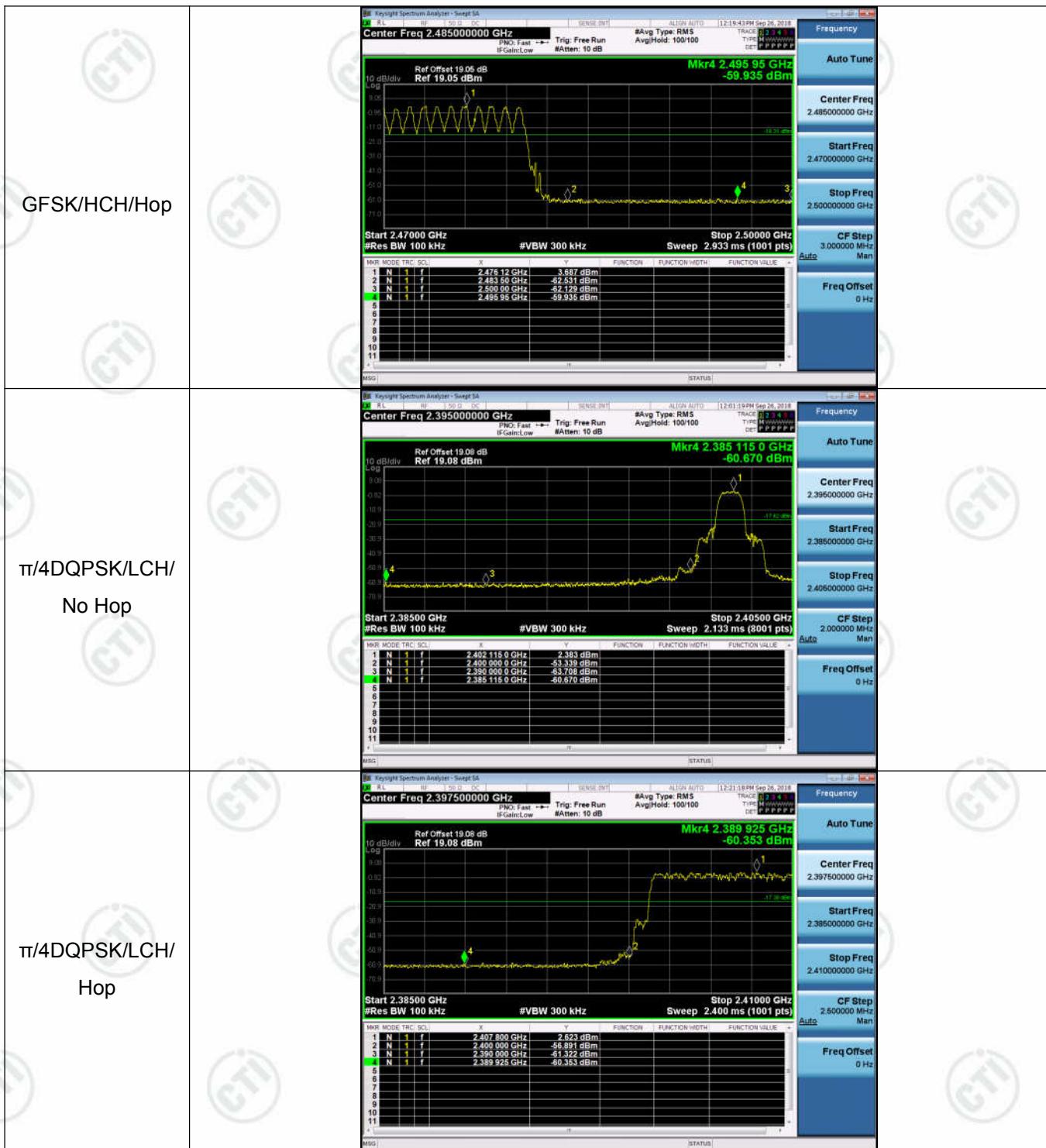
Appendix F): Band-edge for RF Conducted Emissions

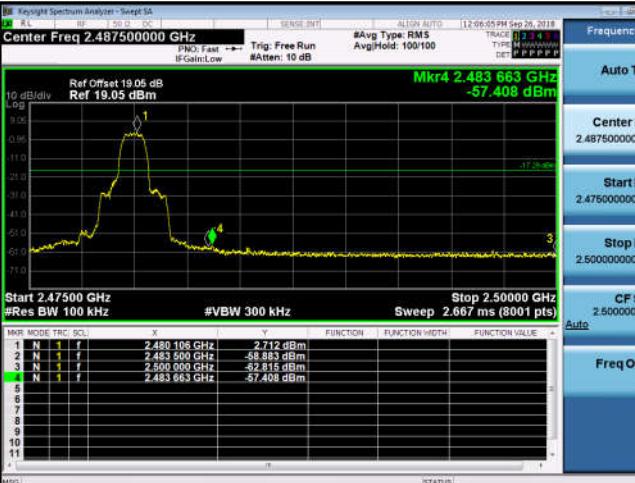
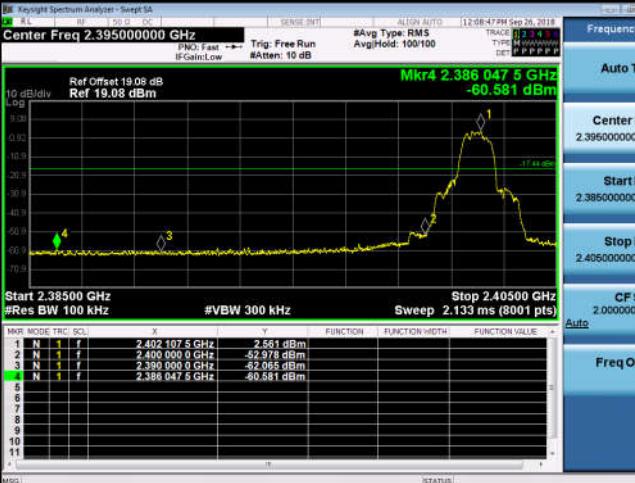
Result Table

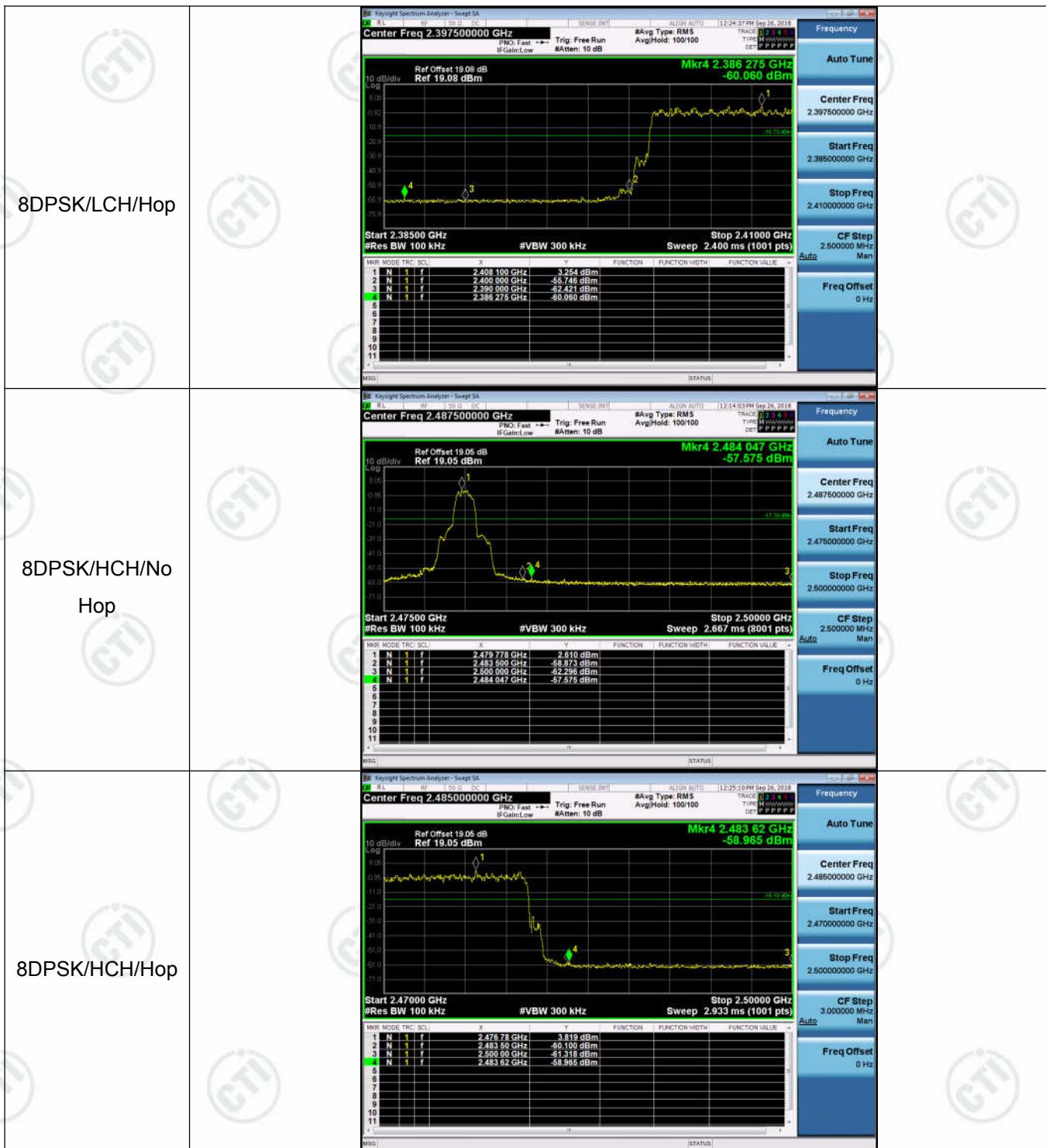
Mode	Channel	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequency Hopping	Max Spurious Level [dBm]	Limit [dBm]	Verdict
GFSK	LCH	2402	2.559	Off	-60.188	-17.44	PASS
			2.962	On	-60.480	-17.04	PASS
GFSK	HCH	2480	2.767	Off	-58.780	-17.23	PASS
			3.687	On	-59.935	-16.31	PASS
$\pi/4$ DQPSK	LCH	2402	2.383	Off	-60.670	-17.62	PASS
			2.623	On	-60.353	-17.38	PASS
$\pi/4$ DQPSK	HCH	2480	2.712	Off	-57.408	-17.29	PASS
			3.535	On	-60.050	-16.47	PASS
8DPSK	LCH	2402	2.561	Off	-60.581	-17.44	PASS
			3.254	On	-60.060	-16.75	PASS
8DPSK	HCH	2480	2.610	Off	-57.575	-17.39	PASS
			3.819	On	-58.965	-16.18	PASS

Test Graph





π/4DQPSK/HCH/ No Hop	
π/4DQPSK/HCH/ Hop	
8DPSK/LCH/No Hop	

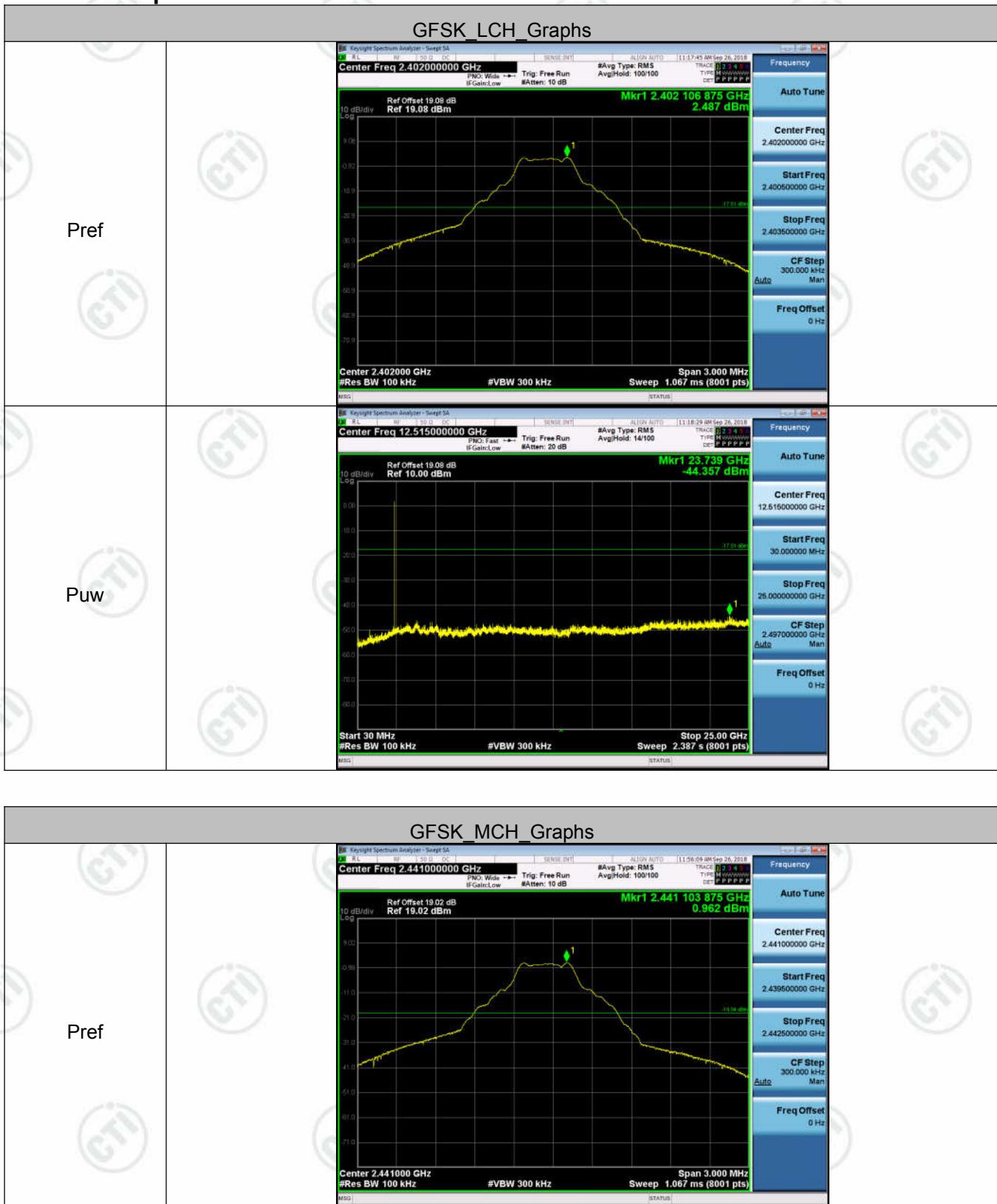


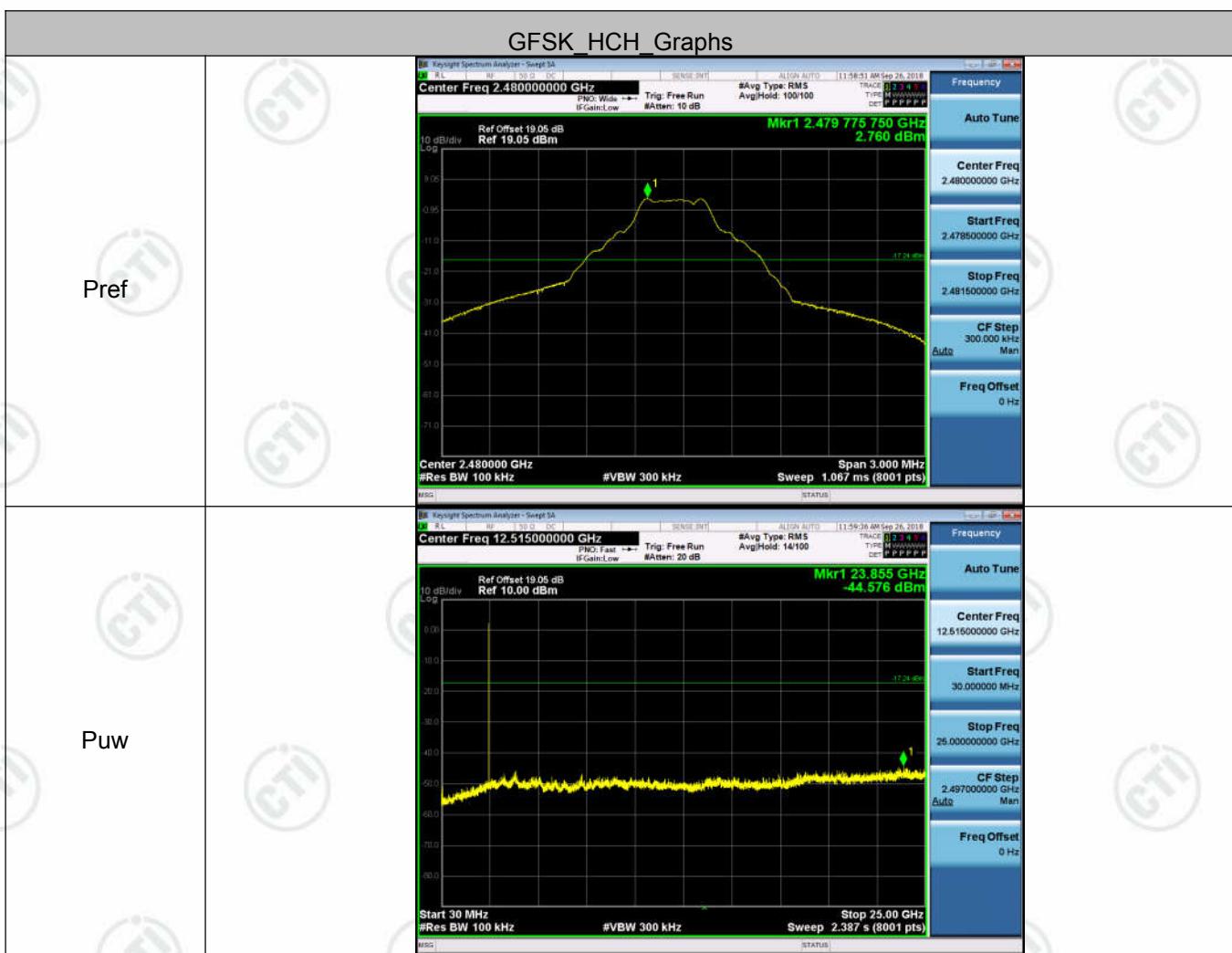
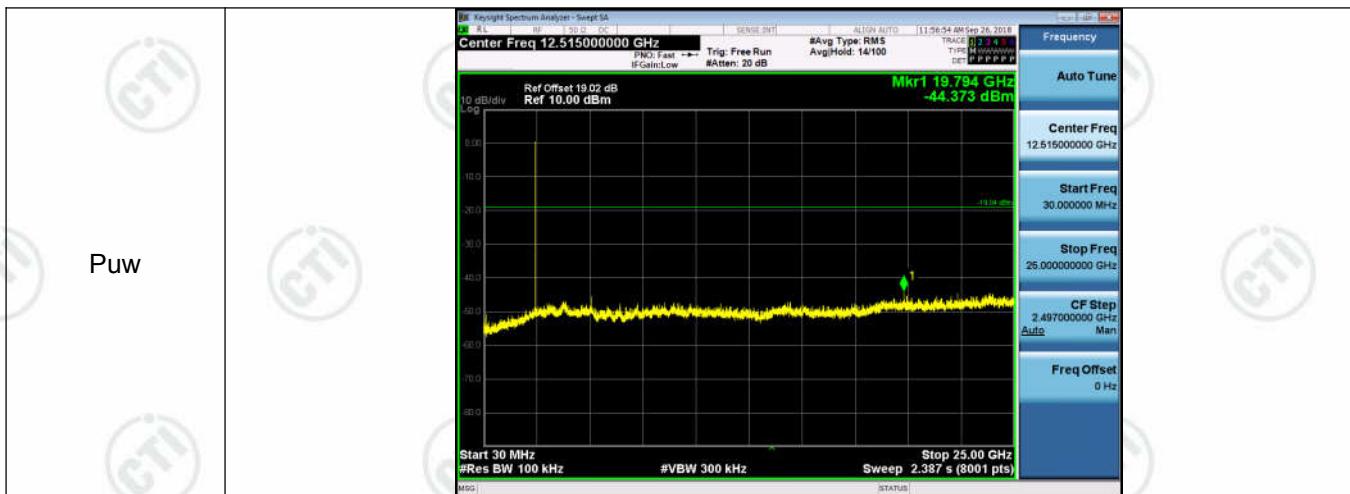
Appendix G): RF Conducted Spurious Emissions

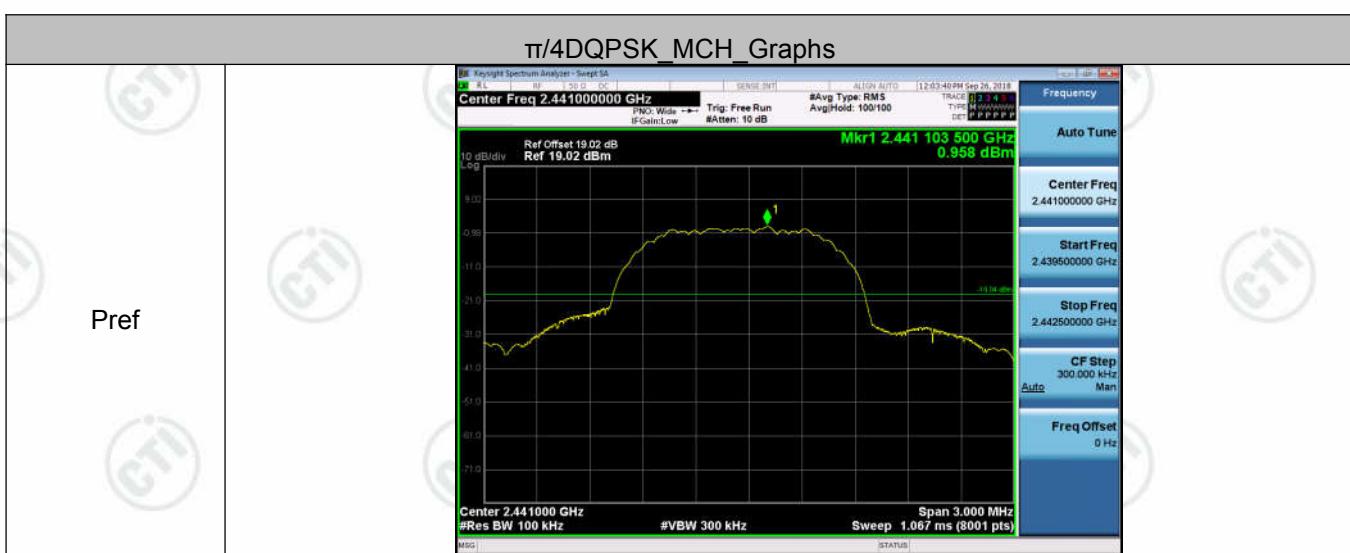
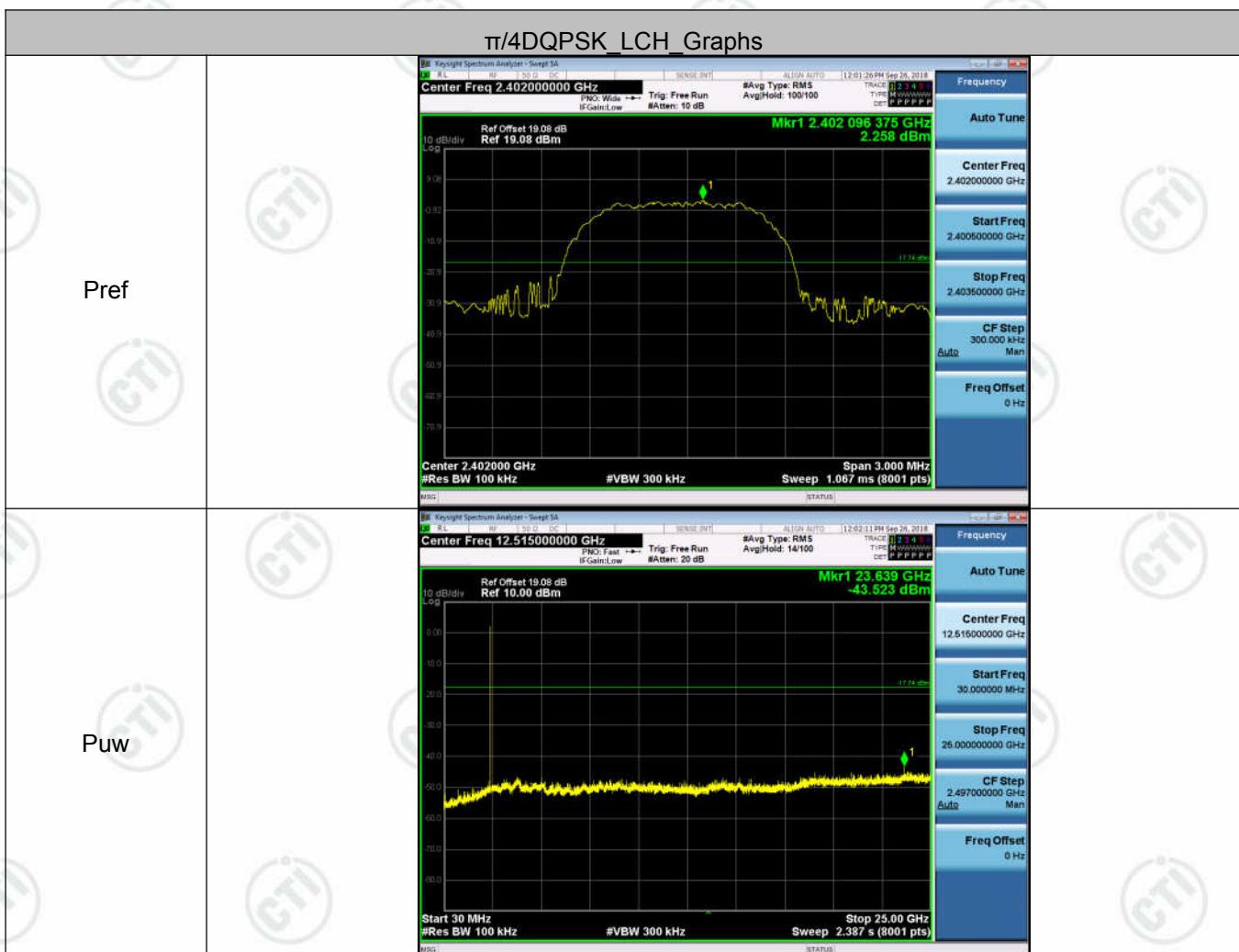
Result Table

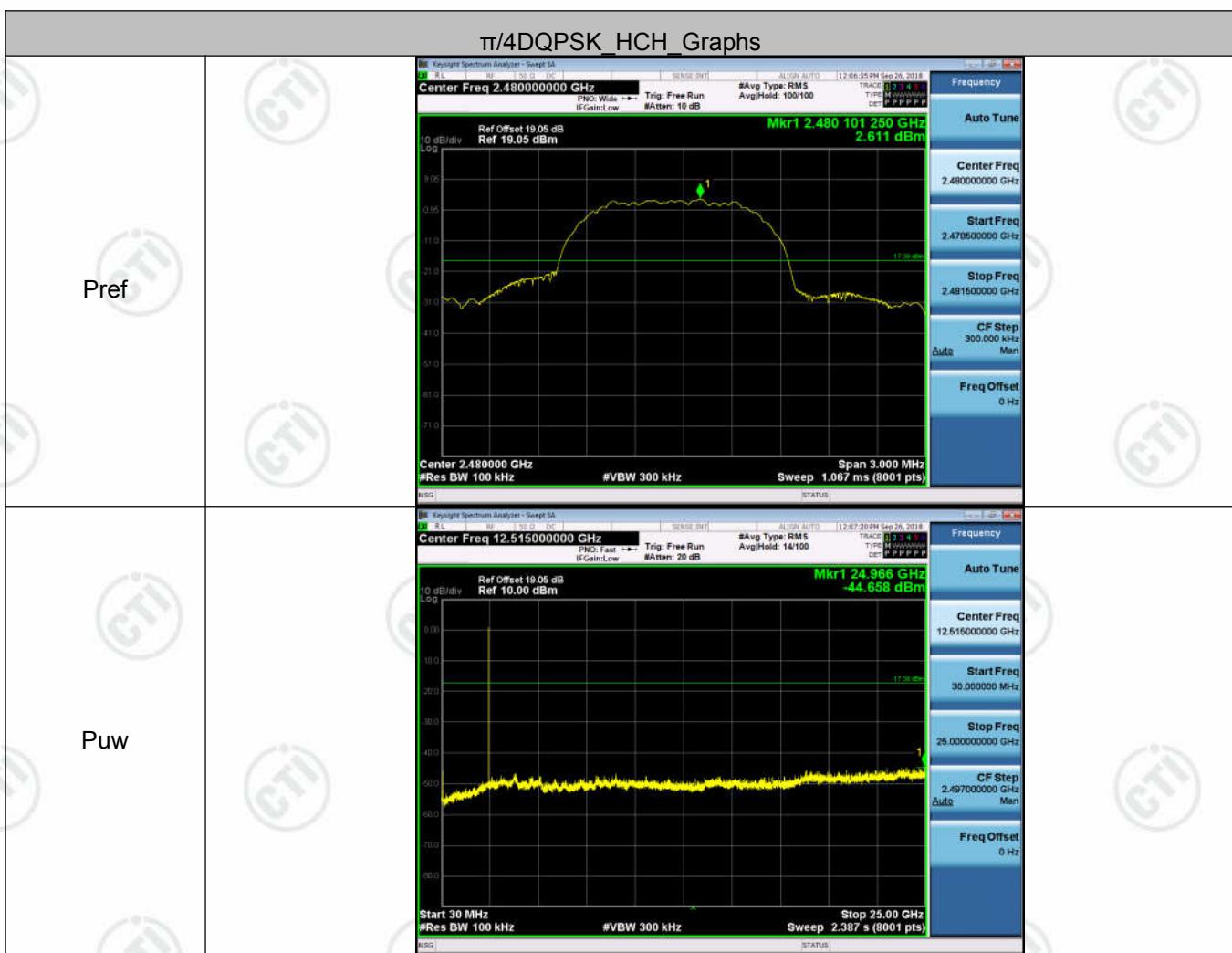
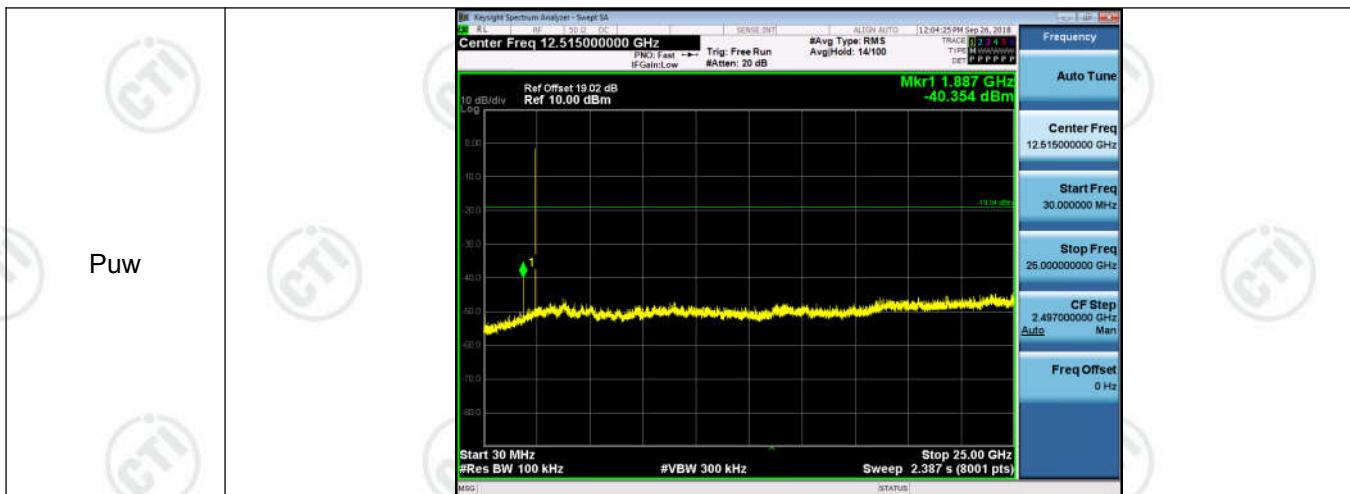
Mode	Channel	Pref [dBm]	Puw[dBm]	Verdict
GFSK	LCH	2.487	<Limit	PASS
GFSK	MCH	0.962	<Limit	PASS
GFSK	HCH	2.76	<Limit	PASS
$\pi/4$ DQPSK	LCH	2.258	<Limit	PASS
$\pi/4$ DQPSK	MCH	0.958	<Limit	PASS
$\pi/4$ DQPSK	HCH	2.611	<Limit	PASS
8DPSK	LCH	2.534	<Limit	PASS
8DPSK	MCH	0.835	<Limit	PASS
8DPSK	HCH	2.699	<Limit	PASS

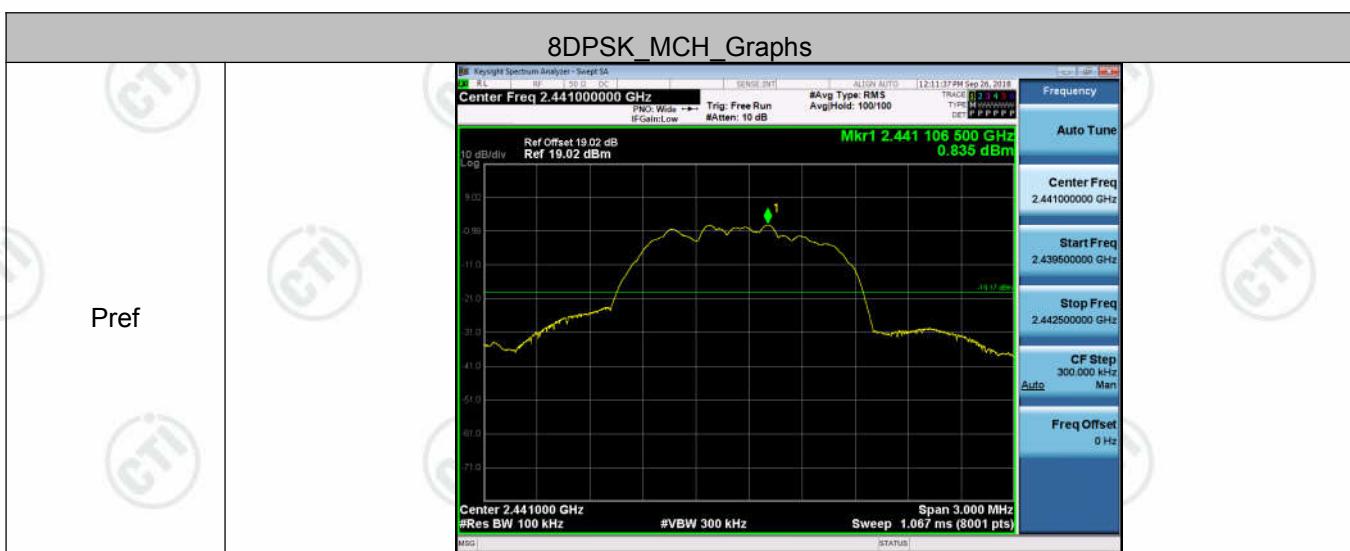
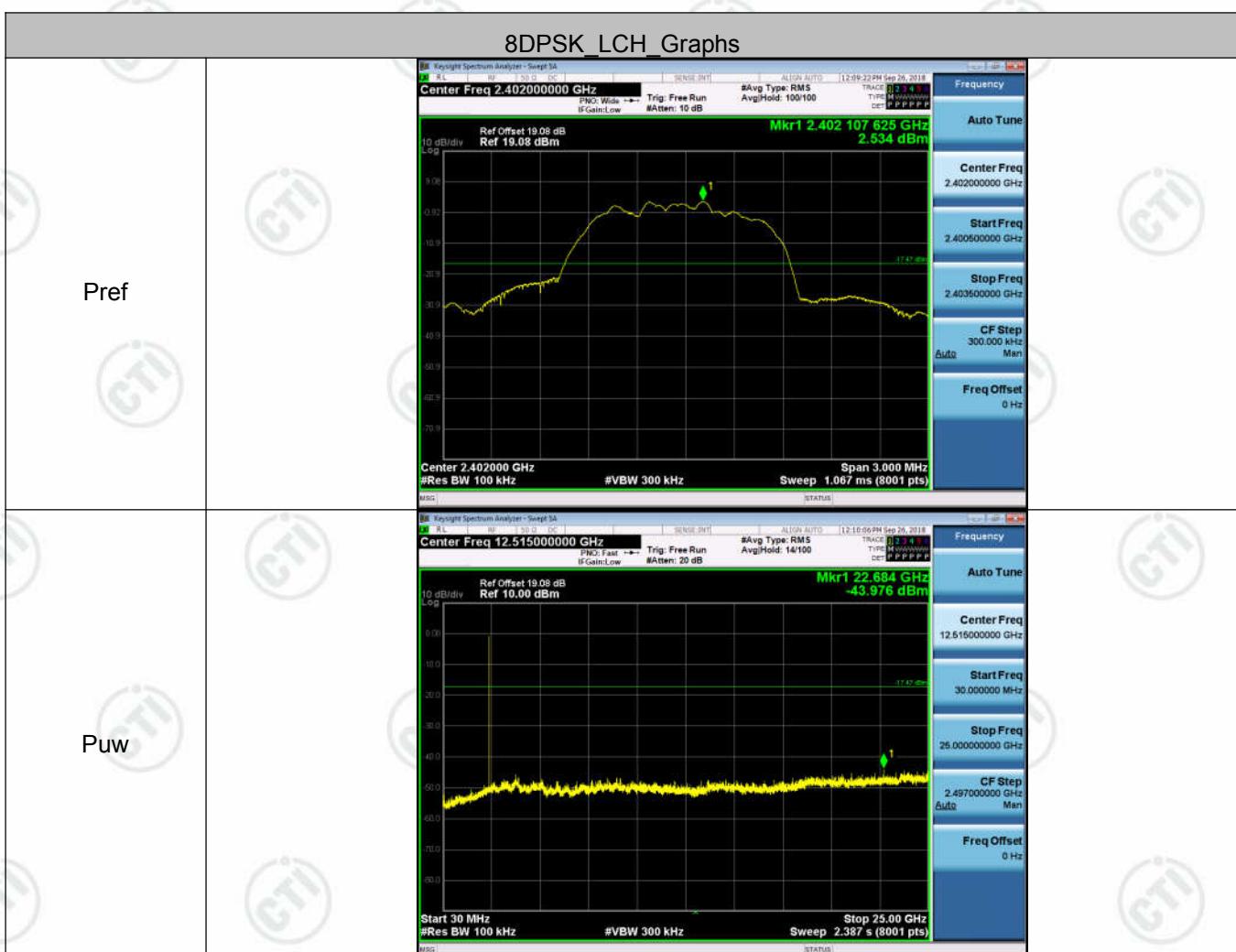
Test Graph

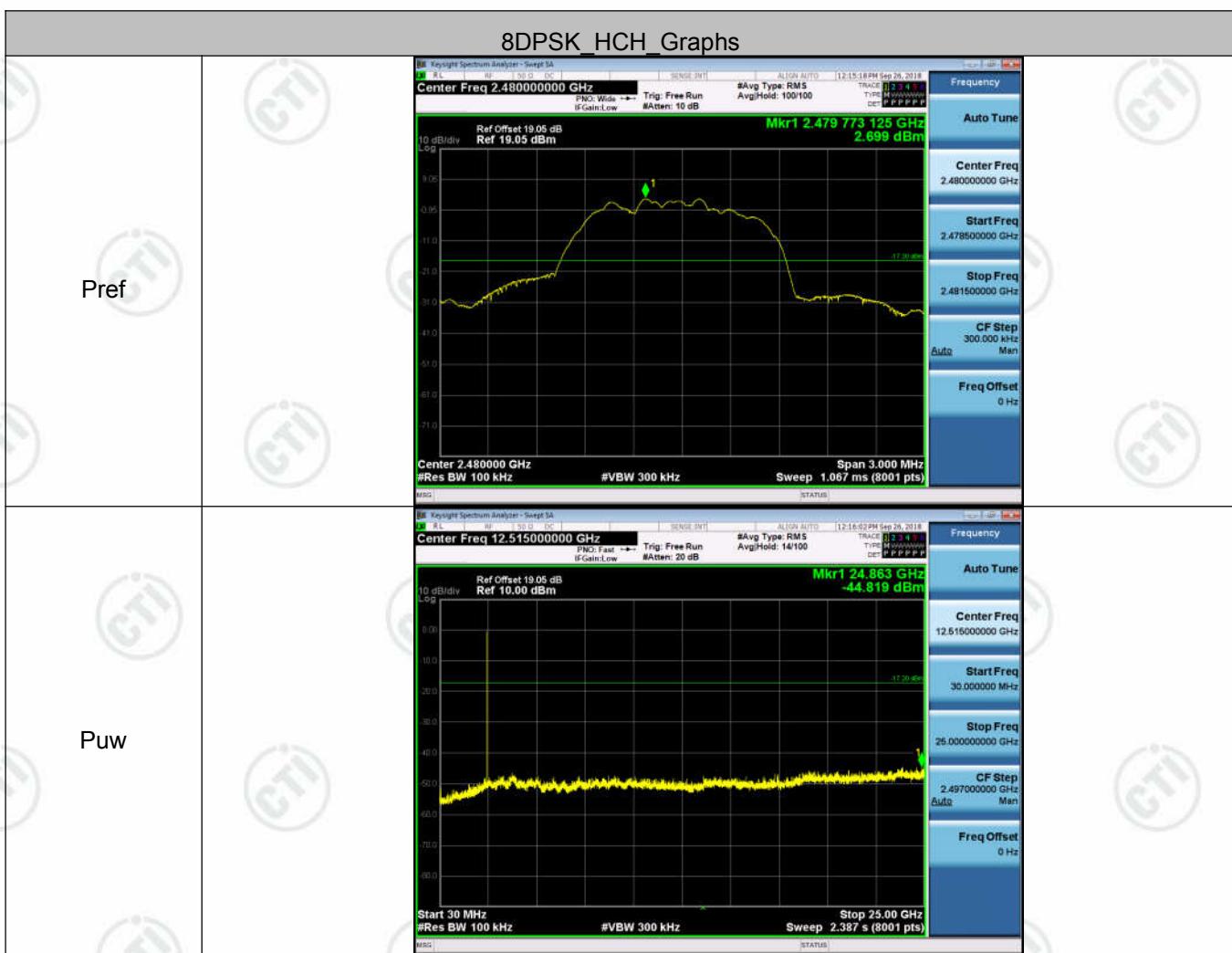
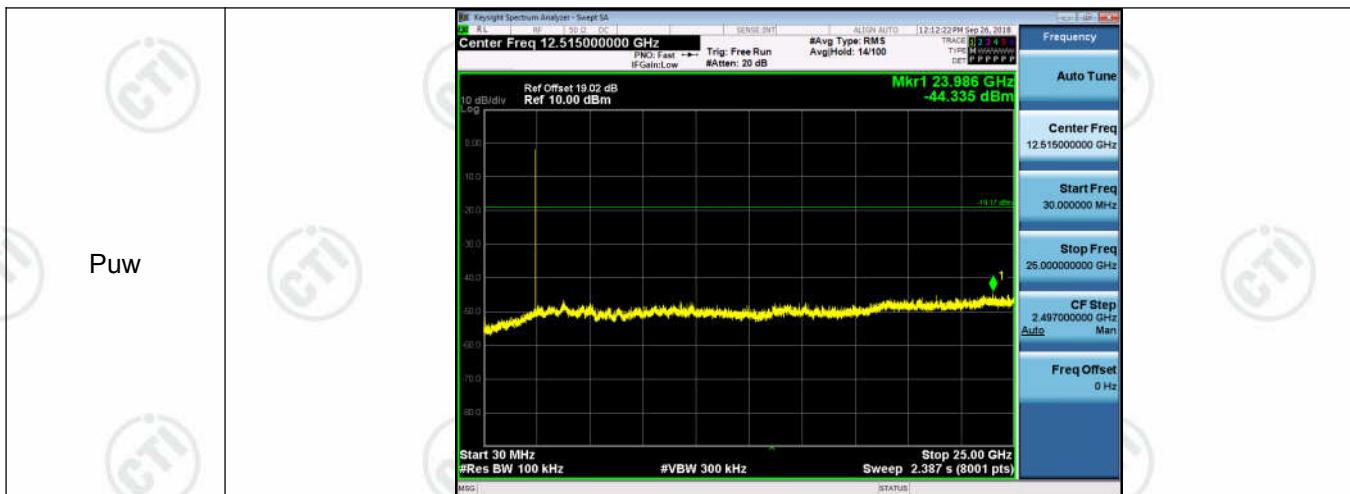




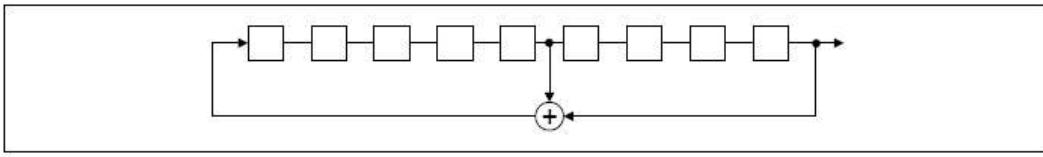








Appendix H): Pseudorandom Frequency Hopping Sequence

Test Requirement:	47 CFR Part 15C Section 15.247 (a)(1) requirement:																						
	<p>Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater.</p> <p>Alternatively. Frequency hopping systems operating in the 2400-2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater, provided the systems operate with an output power no greater than 125 mW.</p> <p>The system shall hop to channel frequencies that are selected at the system hopping rate from a Pseudorandom ordered list of hopping frequencies. Each frequency must be used equally on the average by each transmitter. The system receivers shall have input bandwidths that match the hopping channel bandwidths of their corresponding transmitters and shall shift frequencies in synchronization with the transmitted signals.</p>																						
EUT Pseudorandom Frequency Hopping Sequence																							
<p>The pseudorandom sequence may be generated in a nine-stage shift register whose 5th and 9th stage outputs are added in a modulo-two addition stage. And the result is fed back to the input of the first stage. The sequence begins with the first ONE of 9 consecutive ONEs; i.e. the shift register is initialized with nine ones.</p> <ul style="list-style-type: none"> Number of shift register stages: 9 Length of pseudo-random sequence: $2^9 - 1 = 511$ bits Longest sequence of zeros: 8 (non-inverted signal) 																							
																							
<p><i>Linear Feedback Shift Register for Generation of the PRBS sequence</i></p> <p>An example of Pseudorandom Frequency Hopping Sequence as follow:</p> <table border="1"> <tr> <td>20</td> <td>62</td> <td>46</td> <td>77</td> <td>7</td> <td>64</td> <td>8</td> <td>73</td> <td>16</td> <td>75</td> <td>1</td> </tr> <tr> <td> </td> </tr> </table> <p>Each frequency used equally on the average by each transmitter.</p> <p>The system receivers have input bandwidths that match the hopping channel bandwidths of their Corresponding transmitters and shift frequencies in synchronization with the transmitted signals.</p> <p>The device does not have the ability to be coordinated with other FHSS systems in an effort to avoid the simultaneous occupancy of individual hopping frequencies by multiple transmitters.</p>		20	62	46	77	7	64	8	73	16	75	1											
20	62	46	77	7	64	8	73	16	75	1													

Appendix I): Antenna Requirement

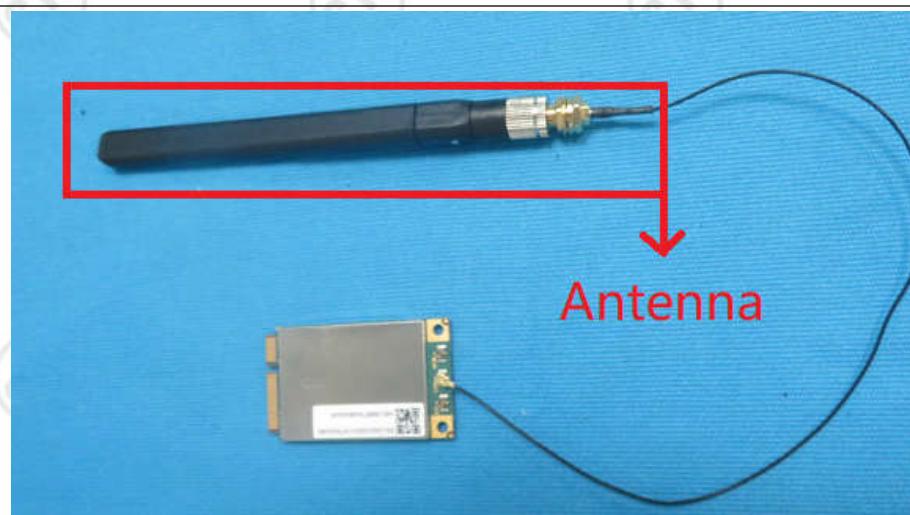
15.203 requirement:

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

15.247(b) (4) requirement:

The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

EUT Antenna:



The antenna is PIFA Antenna and no consideration of replacement. The best case gain of the antenna is -0.5dBi.

Appendix J): AC Power Line Conducted Emission

Test Procedure:	<p>Test frequency range :150KHz-30MHz</p> <p>1)The mains terminal disturbance voltage test was conducted in a shielded room.</p> <p>2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a $50\Omega/50\mu\text{H} + 5\Omega$ linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded.</p> <p>3)The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane,</p> <p>4) The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the LISN 2.</p> <p>5) In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10 on conducted measurement.</p>														
Limit:	<table border="1"> <thead> <tr> <th rowspan="2">Frequency range (MHz)</th> <th colspan="2">Limit (dBμV)</th> </tr> <tr> <th>Quasi-peak</th> <th>Average</th> </tr> </thead> <tbody> <tr> <td>0.15-0.5</td> <td>66 to 56*</td> <td>56 to 46*</td> </tr> <tr> <td>0.5-5</td> <td>56</td> <td>46</td> </tr> <tr> <td>5-30</td> <td>60</td> <td>50</td> </tr> </tbody> </table> <p>* The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz.</p> <p>NOTE : The lower limit is applicable at the transition frequency</p>	Frequency range (MHz)	Limit (dB μ V)		Quasi-peak	Average	0.15-0.5	66 to 56*	56 to 46*	0.5-5	56	46	5-30	60	50
Frequency range (MHz)	Limit (dB μ V)														
	Quasi-peak	Average													
0.15-0.5	66 to 56*	56 to 46*													
0.5-5	56	46													
5-30	60	50													

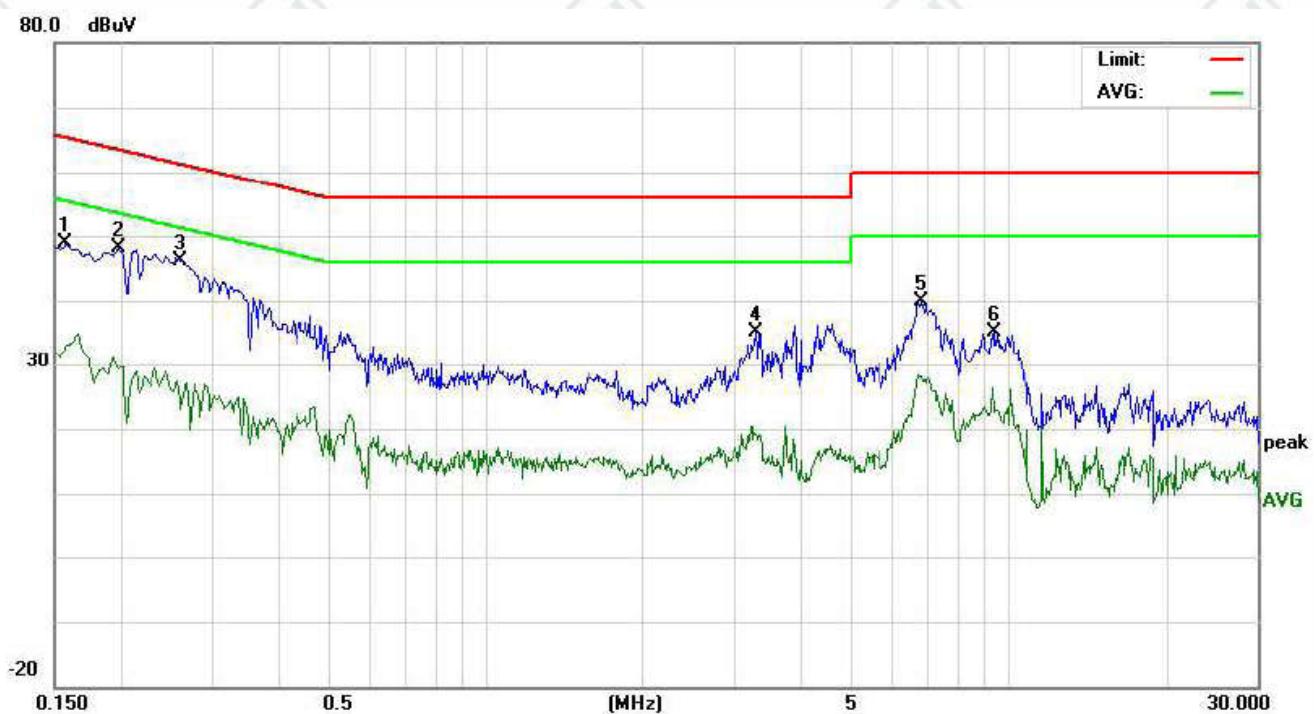
Measurement Data

An initial pre-scan was performed on the live and neutral lines with peak detector.

Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission were detected.

Product : LTE MODULE
Temperature : 21°C
Phase : L

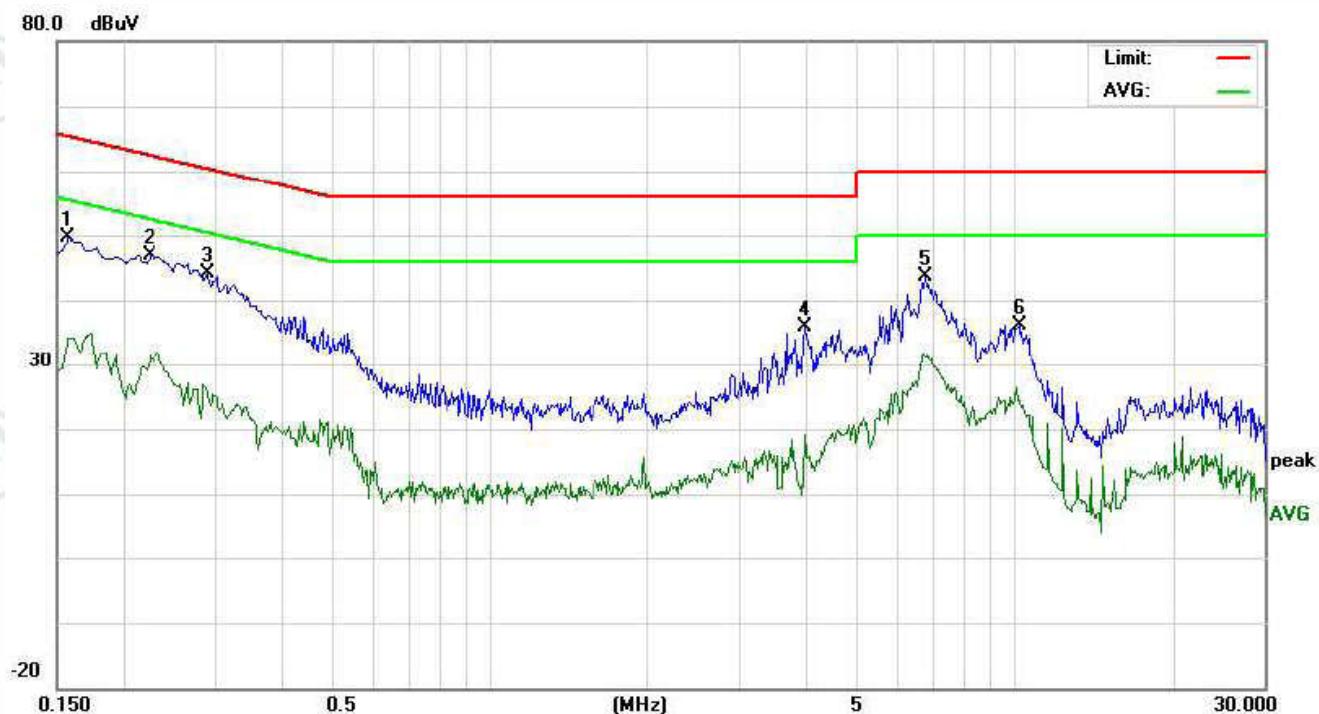
Model/Type reference : GLMM18A02
Humidity : 53%



No.	Freq.	Reading_Level (dBuV)				Correct Factor	Measurement (dBuV)				Limit (dBuV)		Margin (dB)		
		MHz	Peak	QP	AVG		dB	peak	QP	AVG	QP	AVG	QP	AVG	P/F
1	0.1580	39.00	36.25	23.19	9.76	48.76	46.01	32.95	65.56	55.56	-19.55	-22.61	P		
2	0.1980	38.35	35.47	19.68	9.71	48.06	45.18	29.39	63.69	53.69	-18.51	-24.30	P		
3	0.2644	38.71	35.18	22.24	9.75	48.46	44.93	31.99	61.29	51.29	-16.36	-19.30	P		
4	3.3100	25.44	22.64	9.48	9.68	35.12	32.32	19.16	56.00	46.00	-23.68	-26.84	P		
5	6.8220	30.18	27.58	18.42	9.62	39.80	37.20	28.04	60.00	50.00	-22.80	-21.96	P		
6	9.4300	25.35	22.51	13.14	9.76	35.11	32.27	22.90	60.00	50.00	-27.73	-27.10	P		

Product : LTE MODULE
Temperature : 21°C
Phase : N

Model/Type reference : GLMM18A02
Humidity : 53%



No.	Freq.	Reading Level (dBuV)				Correct Factor			Measurement (dBuV)			Limit (dBuV)			Margin (dB)		
		MHz	Peak	QP	AVG	dB	peak	QP	AVG	QP	AVG	QP	AVG	P/F	Comment		
1	0.1580	39.82	36.98	24.44	9.76	49.58	46.74	34.20	65.56	55.56	-18.82	-21.36	P				
2	0.2260	37.16	34.55	21.54	9.73	46.89	44.28	31.27	62.59	52.59	-18.31	-21.32	P				
3	0.2900	34.33	31.24	16.22	9.77	44.10	41.01	25.99	60.52	50.52	-19.51	-24.53	P				
4	4.0020	26.32	23.78	9.55	9.65	35.97	33.43	19.20	56.00	46.00	-22.57	-26.80	P				
5	6.7860	33.95	30.12	21.46	9.62	43.57	39.74	31.08	60.00	50.00	-20.26	-18.92	P				
6	10.1980	26.37	23.14	14.58	9.80	36.17	32.94	24.38	60.00	50.00	-27.06	-25.62	P				

Notes:

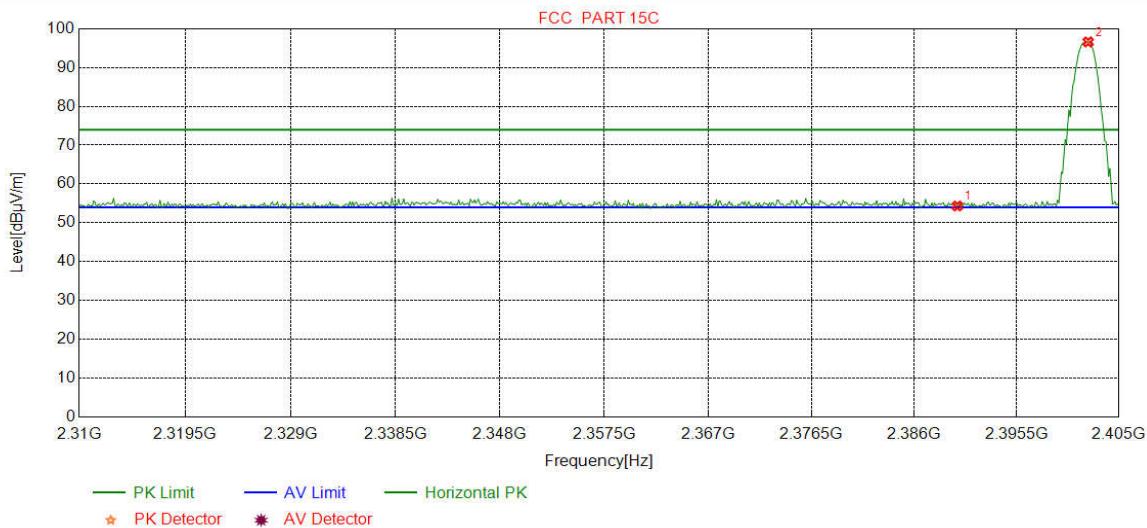
1. The following Quasi-Peak and Average measurements were performed on the EUT:
2. Final Test Level =Receiver Reading + LISN Factor + Cable Loss.

Appendix K): Restricted bands around fundamental frequency (Radiated)

Receiver Setup:	Frequency	Detector	RBW	VBW	Remark																	
	30MHz-1GHz	Quasi-peak	120kHz	300kHz	Quasi-peak																	
	Above 1GHz	Peak	1MHz	3MHz	Peak																	
		Peak	1MHz	10Hz	Average																	
Test Procedure:	Below 1GHz test procedure as below: <ol style="list-style-type: none"> The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. Place a marker at the end of the restricted band closest to the transmit frequency to show compliance. Also measure any emissions in the restricted bands. Save the spectrum analyzer plot. Repeat for each power and modulation for lowest and highest channel Above 1GHz test procedure as below: <ol style="list-style-type: none"> Different between above is the test site, change from Semi- Anechoic Chamber to fully Anechoic Chamber and change form table 0.8 meter to 1.5 meter(Above 18GHz the distance is 1 meter and table is 1.5 meter). Test the EUT in the lowest channel , the Highest channel The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is worse case. Repeat above procedures until all frequencies measured was complete. 																					
Limit:	<table border="1"> <thead> <tr> <th>Frequency</th><th>Limit (dBμV/m @3m)</th><th>Remark</th></tr> </thead> <tbody> <tr> <td>30MHz-88MHz</td><td>40.0</td><td>Quasi-peak Value</td></tr> <tr> <td>88MHz-216MHz</td><td>43.5</td><td>Quasi-peak Value</td></tr> <tr> <td>216MHz-960MHz</td><td>46.0</td><td>Quasi-peak Value</td></tr> <tr> <td>960MHz-1GHz</td><td>54.0</td><td>Quasi-peak Value</td></tr> <tr> <td rowspan="2">Above 1GHz</td><td>54.0</td><td>Average Value</td></tr> <tr> <td>74.0</td><td>Peak Value</td></tr> </tbody> </table>		Frequency	Limit (dB μ V/m @3m)	Remark	30MHz-88MHz	40.0	Quasi-peak Value	88MHz-216MHz	43.5	Quasi-peak Value	216MHz-960MHz	46.0	Quasi-peak Value	960MHz-1GHz	54.0	Quasi-peak Value	Above 1GHz	54.0	Average Value	74.0	Peak Value
Frequency	Limit (dB μ V/m @3m)	Remark																				
30MHz-88MHz	40.0	Quasi-peak Value																				
88MHz-216MHz	43.5	Quasi-peak Value																				
216MHz-960MHz	46.0	Quasi-peak Value																				
960MHz-1GHz	54.0	Quasi-peak Value																				
Above 1GHz	54.0	Average Value																				
	74.0	Peak Value																				

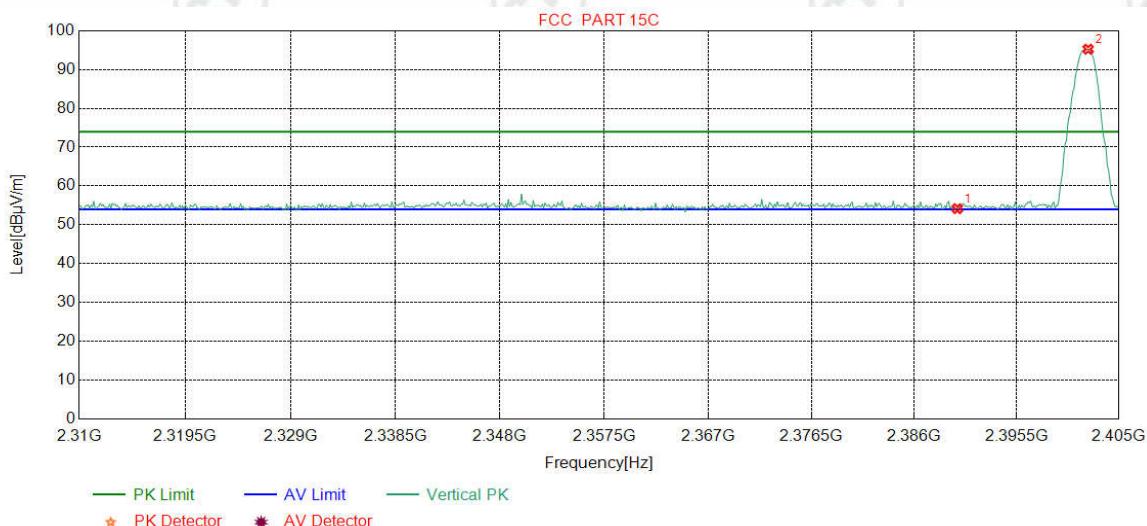
Test plot as follows:

Mode:	GFSK Transmitting	Channel:	2402
Remark:	Peak		



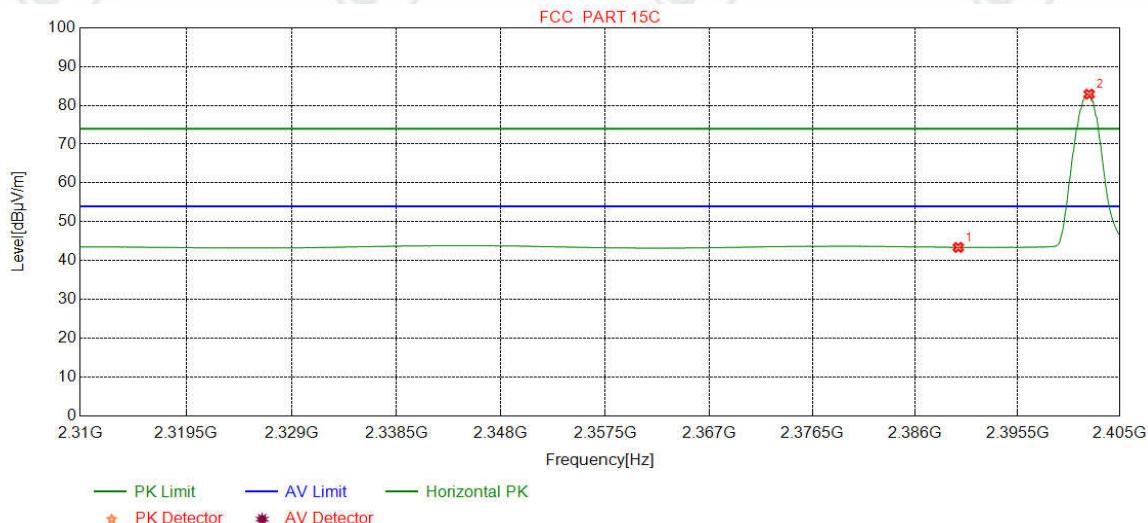
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB μ V]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-36.62	45.32	54.32	74.00	19.68	Pass	Horizontal
2	2402.1464	32.26	13.31	-36.60	87.65	96.62	74.00	-22.62	Pass	Horizontal

Mode:	GFSK Transmitting	Channel:	2402
Remark:	Peak		



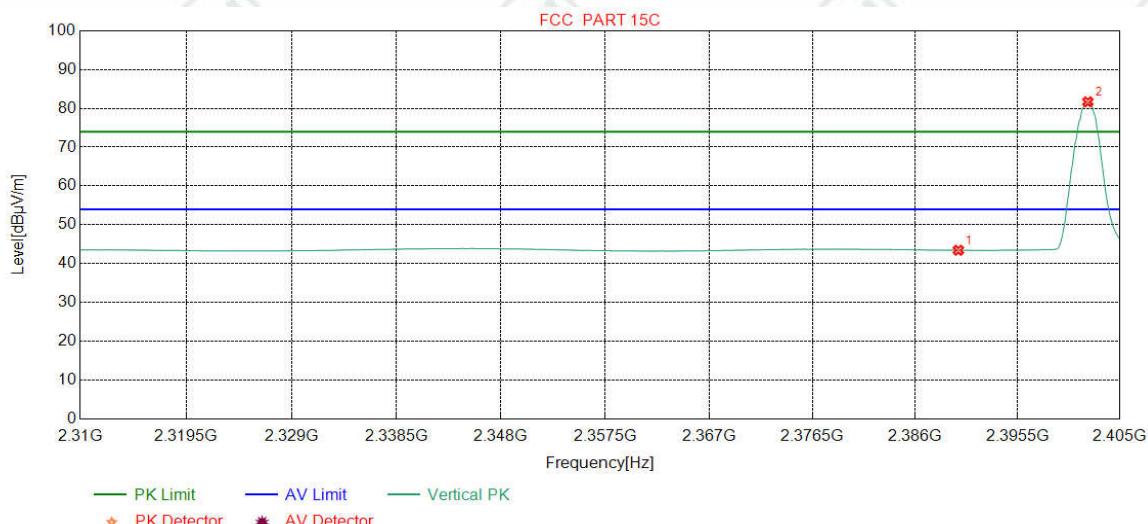
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB μ V]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-36.62	45.14	54.14	74.00	19.86	Pass	Vertical
2	2402.1464	32.26	13.31	-36.60	86.29	95.26	74.00	-21.26	Pass	Vertical

Mode:	GFSK Transmitting	Channel:	2402
Remark:	AV		



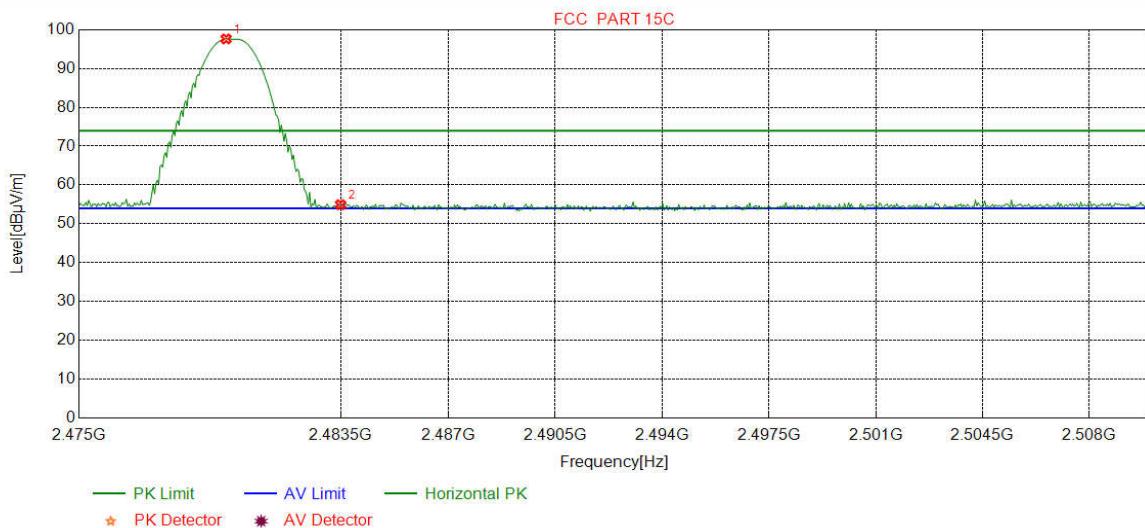
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB μ V]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-36.62	34.38	43.38	54.00	10.62	Pass	Horizontal
2	2402.1464	32.26	13.31	-36.60	73.93	82.90	54.00	-28.90	Pass	Horizontal

Mode:	GFSK Transmitting	Channel:	2402
Remark:	AV		



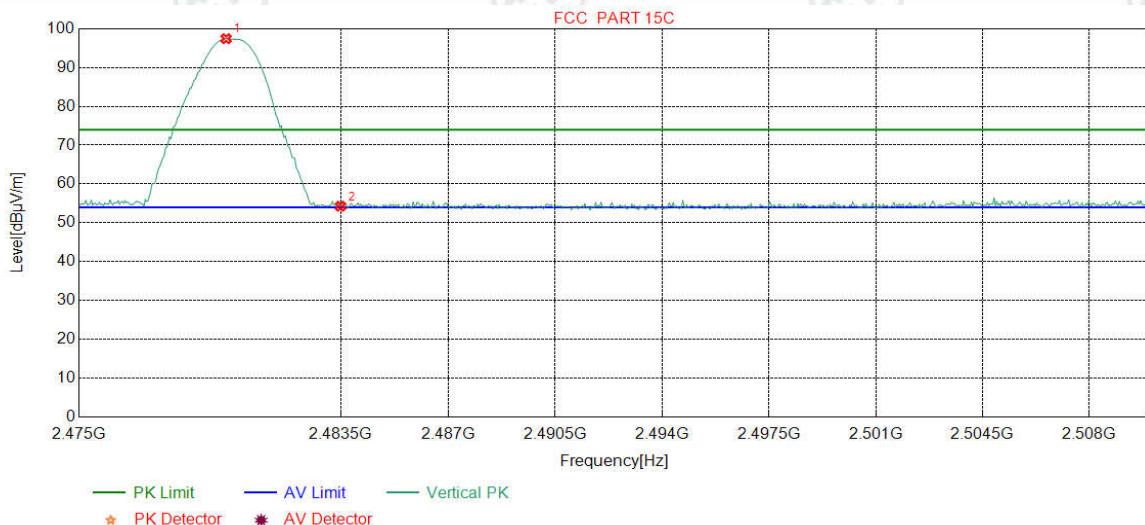
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB μ V]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-36.62	34.42	43.42	54.00	10.58	Pass	Vertical
2	2402.0275	32.26	13.31	-36.60	72.73	81.70	54.00	-27.70	Pass	Vertical

Mode:	GFSK Transmitting	Channel:	2480
Remark:	Peak		



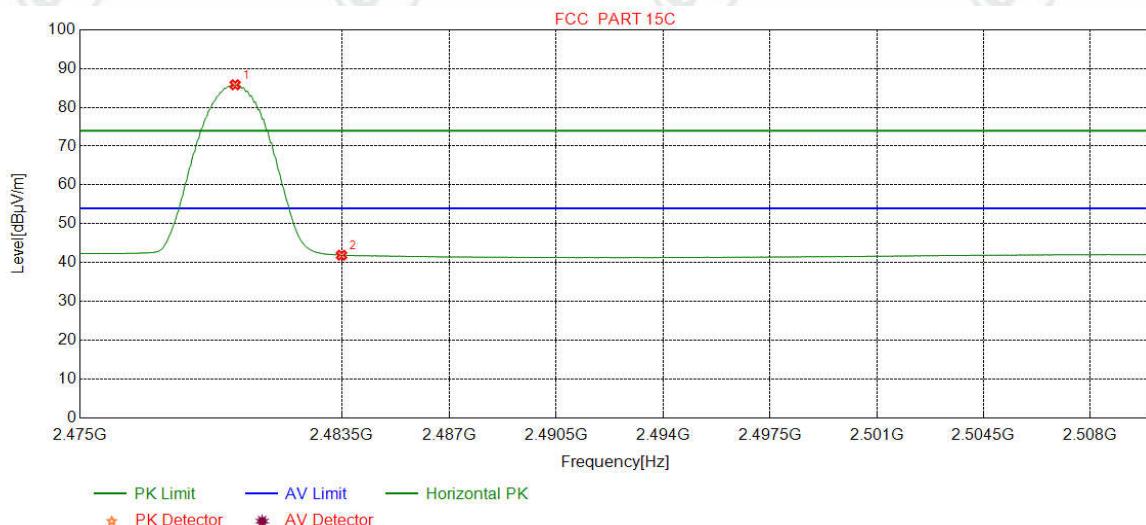
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB μ V]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Result	Polarity
1	2479.7747	32.37	13.39	-36.77	88.66	97.65	74.00	-23.65	Pass	Horizontal
2	2483.5000	32.38	13.38	-36.80	45.94	54.90	74.00	19.10	Pass	Horizontal

Mode:	GFSK Transmitting	Channel:	2480
Remark:	Peak		



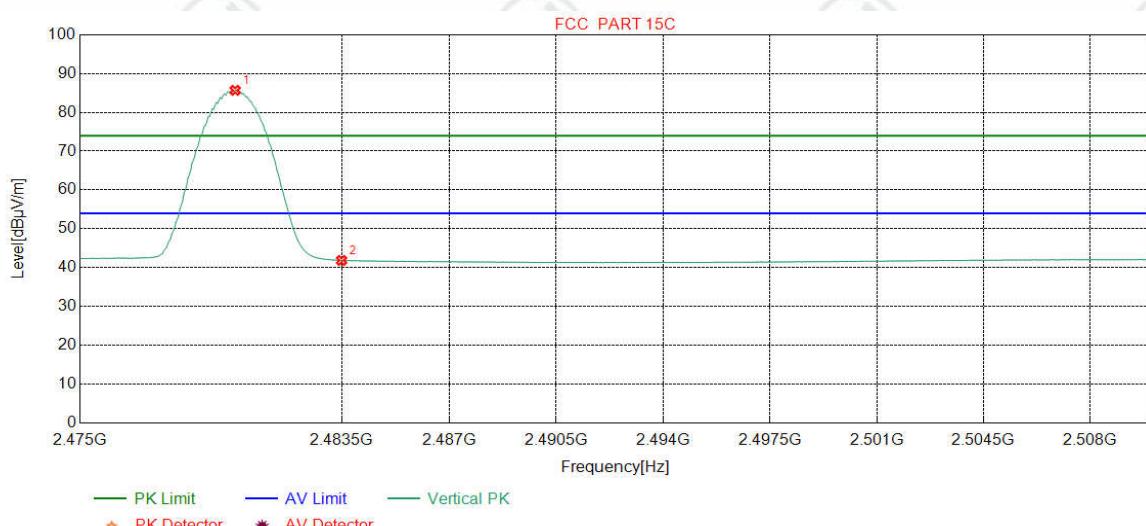
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB μ V]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Result	Polarity
1	2479.7747	32.37	13.39	-36.77	88.47	97.46	74.00	-23.46	Pass	Vertical
2	2483.5000	32.38	13.38	-36.80	45.30	54.26	74.00	19.74	Pass	Vertical

Mode:	GFSK Transmitting	Channel:	2480
Remark:	AV		



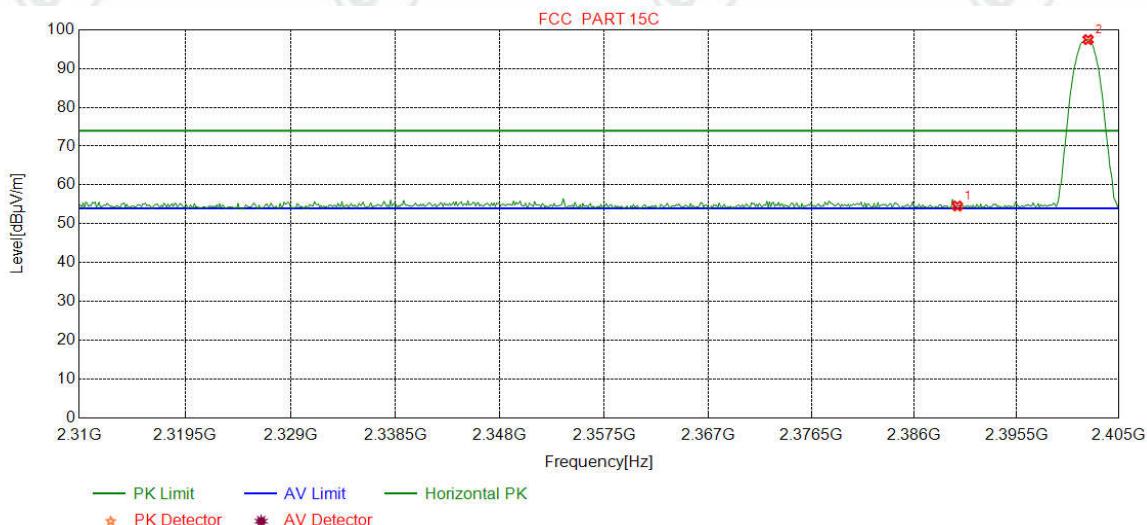
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB μ V]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Result	Polarity
1	2480.0375	32.37	13.39	-36.77	76.84	85.83	54.00	-31.83	Pass	Horizontal
2	2483.5000	32.38	13.38	-36.80	32.92	41.88	54.00	12.12	Pass	Horizontal

Mode:	GFSK Transmitting	Channel:	2480
Remark:	AV		



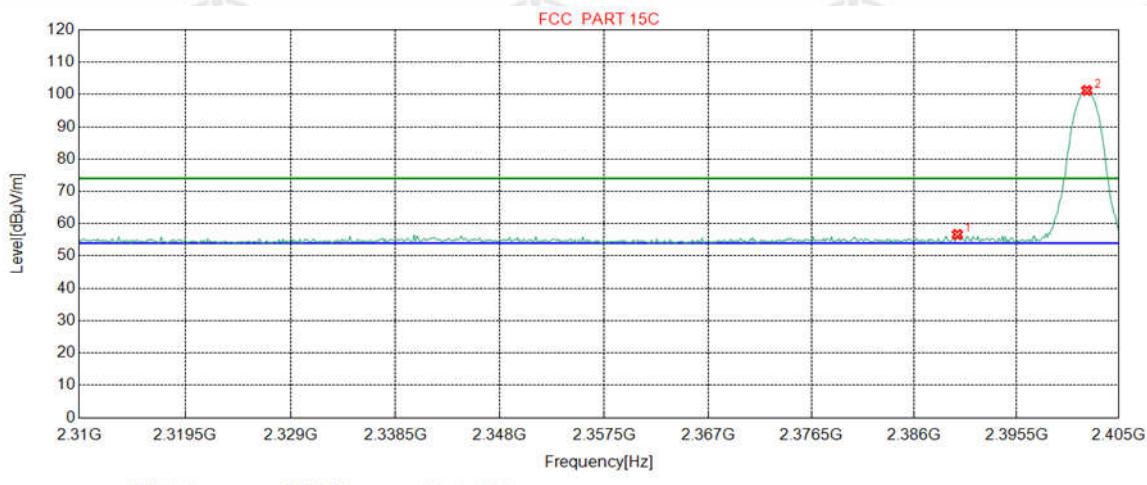
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB μ V]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Result	Polarity
1	2480.0375	32.37	13.39	-36.77	76.70	85.69	54.00	-31.69	Pass	Vertical
2	2483.5000	32.38	13.38	-36.80	32.87	41.83	54.00	12.17	Pass	Vertical

Mode:	$\pi/4$ DQPSK Transmitting	Channel:	2402
Remark:	Peak		



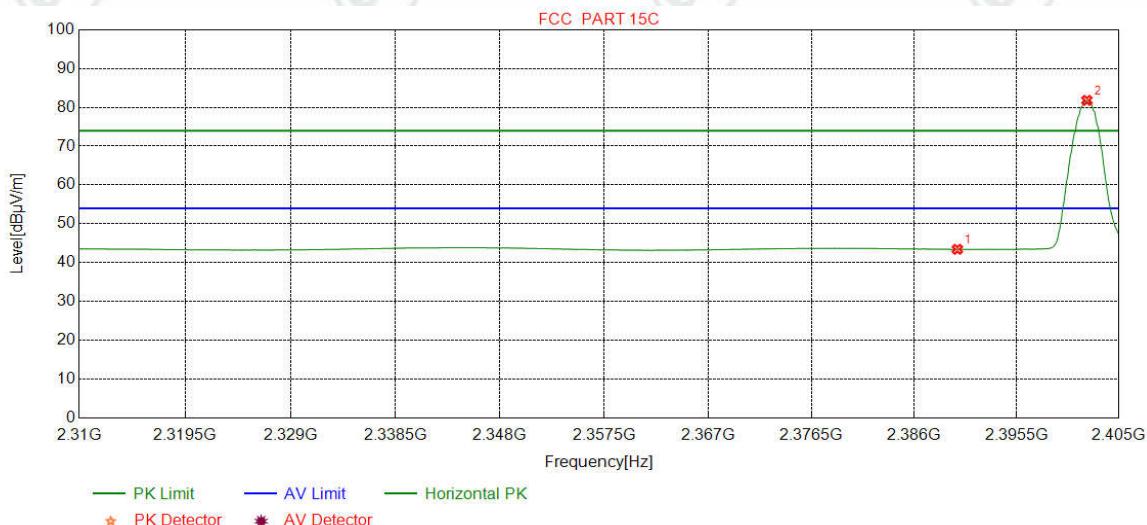
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB μ V]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-36.62	45.58	54.58	74.00	19.42	Pass	Horizontal
2	2402.1464	32.26	13.31	-36.60	88.51	97.48	74.00	-23.48	Pass	Horizontal

Mode:	$\pi/4$ DQPSK Transmitting	Channel:	2402
Remark:	Peak		



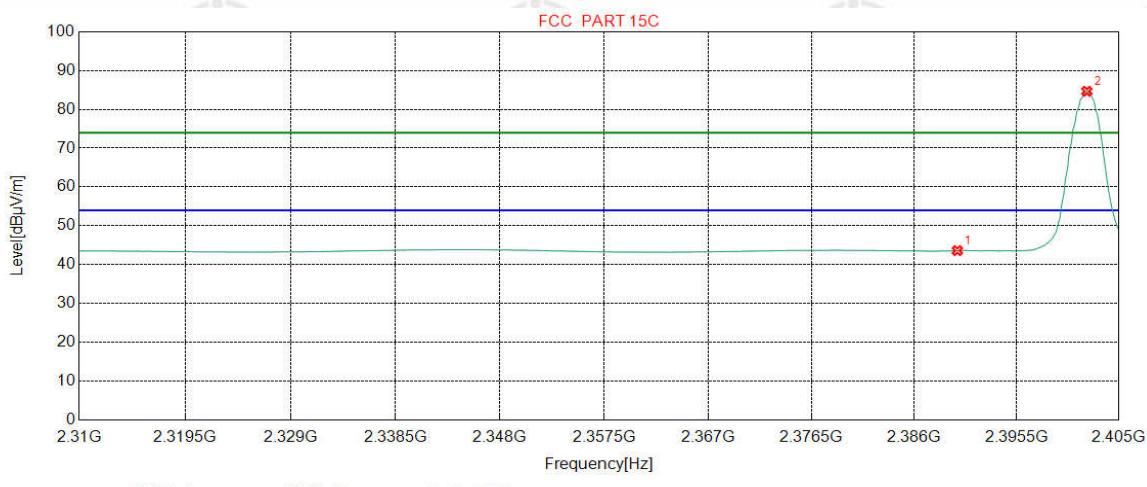
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1	2390.0000	32.25	13.37	-36.62	47.67	56.67	74.00	17.33	Pass	Vertical
2	2402.0275	32.26	13.31	-36.60	92.26	101.23	74.00	-27.23	Pass	Vertical

Mode:	$\pi/4$ DQPSK Transmitting	Channel:	2402
Remark:	AV		



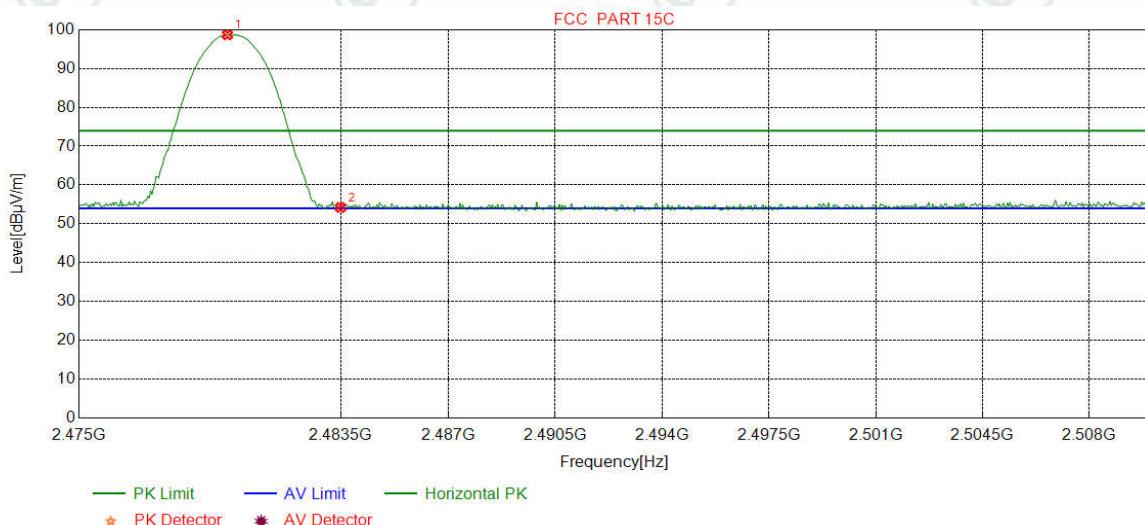
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1	2390.0000	32.25	13.37	-36.62	34.41	43.41	54.00	10.59	Pass	Horizontal
2	2402.0275	32.26	13.31	-36.60	72.85	81.82	54.00	-27.82	Pass	Horizontal

Mode:	$\pi/4$ DQPSK Transmitting	Channel:	2402
Remark:	AV		



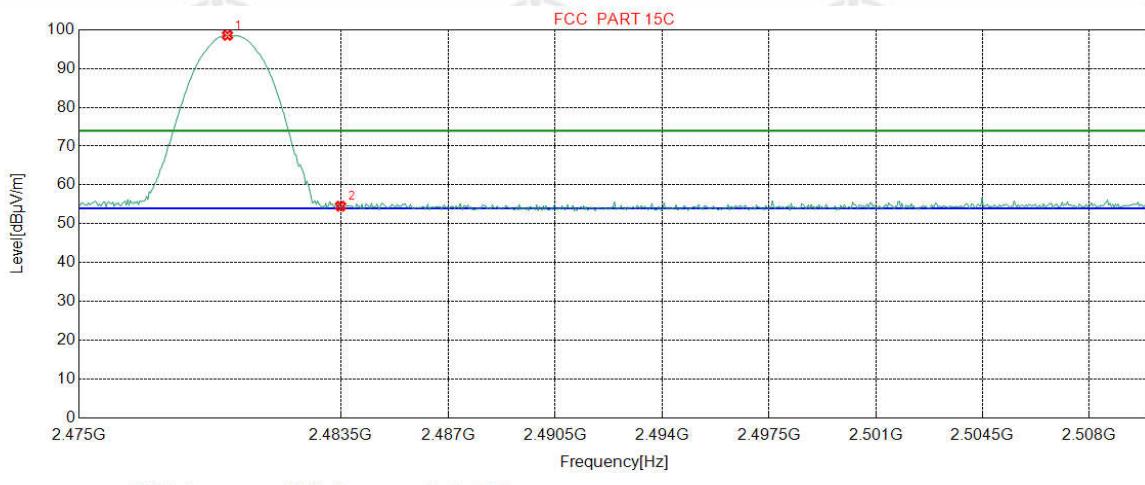
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1	2390.0000	32.25	13.37	-36.62	34.59	43.59	54.00	10.41	Pass	Vertical
2	2402.0275	32.26	13.31	-36.60	75.70	84.67	54.00	-30.67	Pass	Vertical

Mode:	$\pi/4$ DQPSK Transmitting	Channel:	2480
Remark:	Peak		



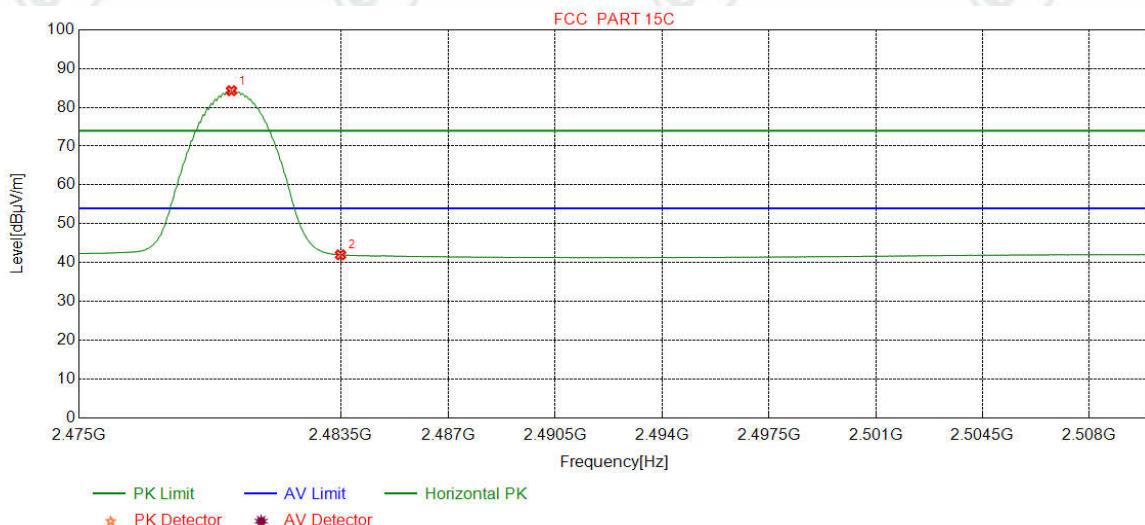
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB μ V]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Result	Polarity
1	2479.8185	32.37	13.39	-36.77	89.71	98.70	74.00	-24.70	Pass	Horizontal
2	2483.5000	32.38	13.38	-36.80	45.22	54.18	74.00	19.82	Pass	Horizontal

Mode:	$\pi/4$ DQPSK Transmitting	Channel:	2480
Remark:	Peak		



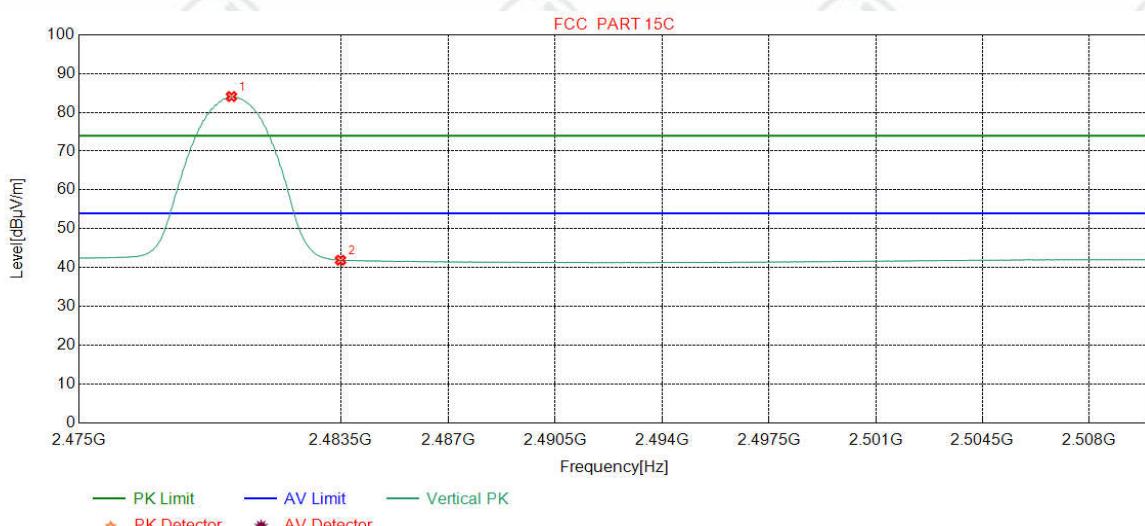
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1	2479.8185	32.37	13.39	-36.77	89.59	98.58	74.00	-24.58	Pass	Vertical
2	2483.5000	32.38	13.38	-36.80	45.58	54.54	74.00	19.46	Pass	Vertical

Mode:	$\pi/4$ DQPSK Transmitting	Channel:	2480
Remark:	AV		



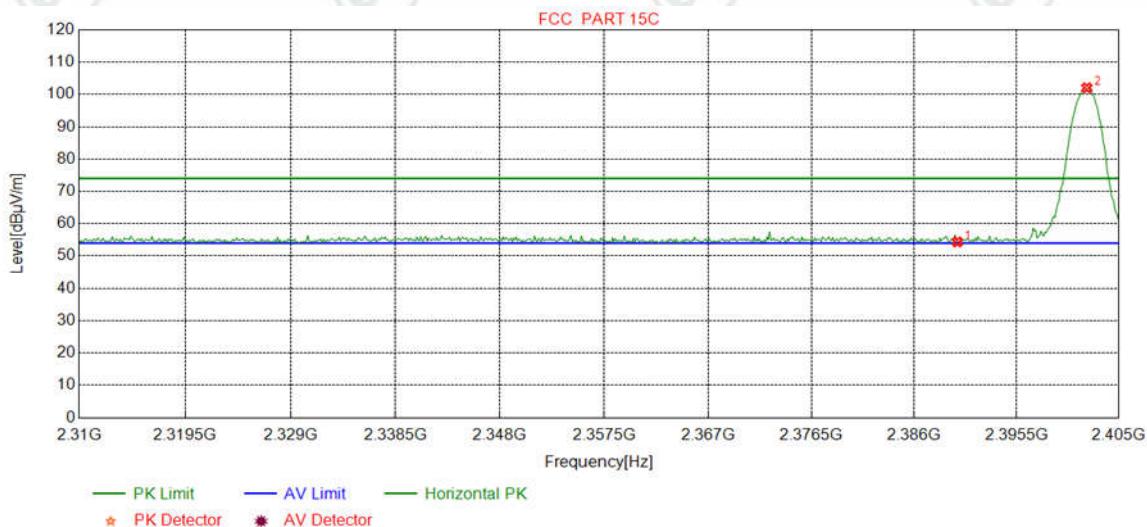
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1	2479.9499	32.37	13.39	-36.77	75.32	84.31	54.00	-30.31	Pass	Horizontal
2	2483.5000	32.38	13.38	-36.80	33.03	41.99	54.00	12.01	Pass	Horizontal

Mode:	$\pi/4$ DQPSK Transmitting	Channel:	2480
Remark:	AV		



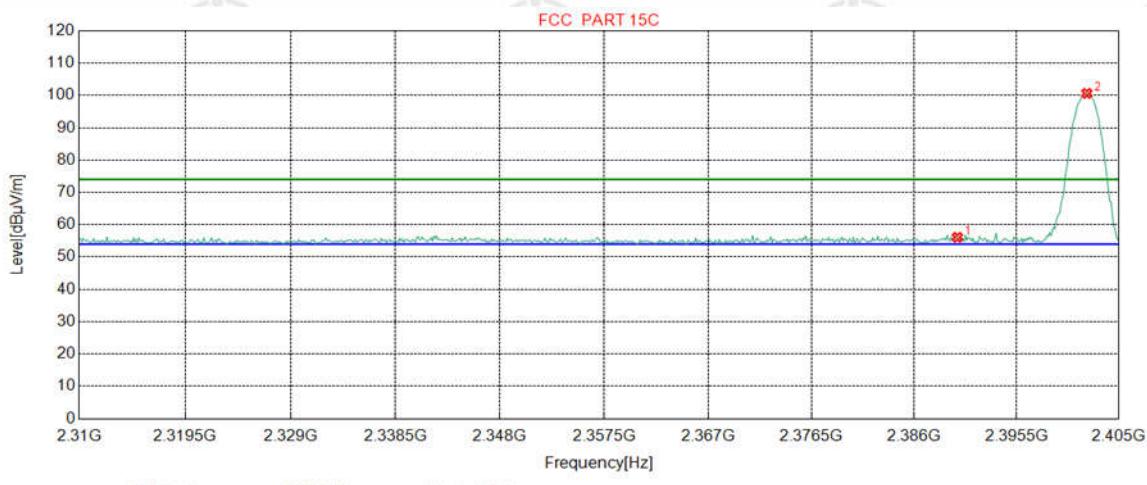
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB μ V]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Result	Polarity
1	2479.9499	32.37	13.39	-36.77	75.10	84.09	54.00	-30.09	Pass	Vertical
2	2483.5000	32.38	13.38	-36.80	32.92	41.88	54.00	12.12	Pass	Vertical

Mode:	8DPSK Transmitting	Channel:	2402
Remark:	Peak		



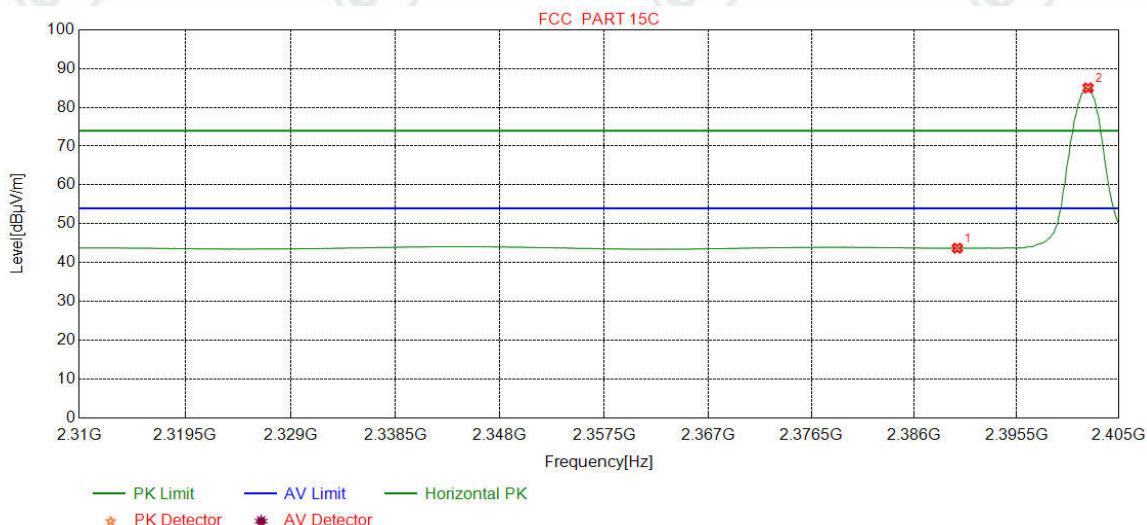
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB μ V]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-36.62	45.37	54.37	74.00	19.63	Pass	Horizontal
2	2402.0275	32.26	13.31	-36.60	93.09	102.06	74.00	-28.06	Pass	Horizontal

Mode:	8DPSK Transmitting	Channel:	2402
Remark:	Peak		



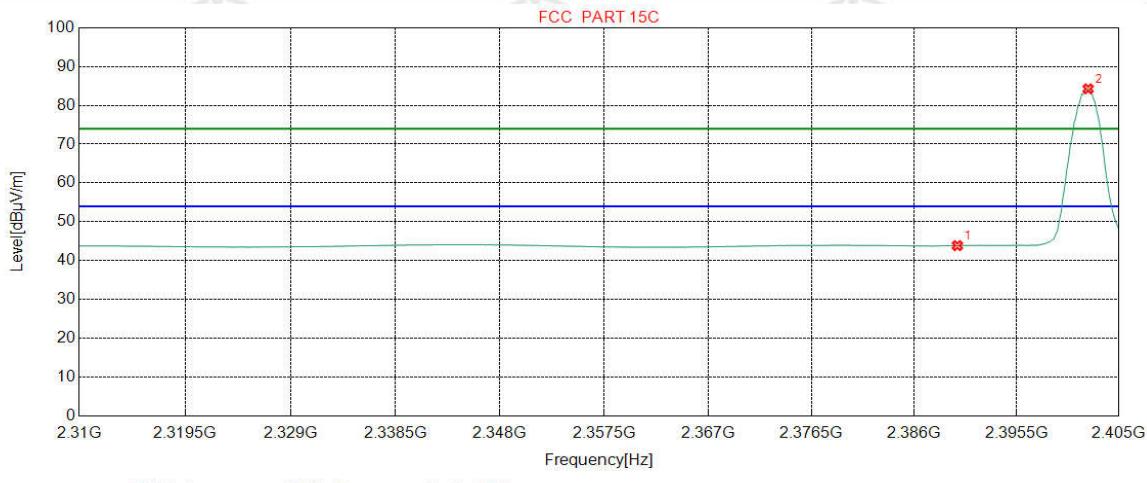
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB μ V]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-36.62	47.09	56.09	74.00	17.91	Pass	Vertical
2	2402.0275	32.26	13.31	-36.60	91.67	100.64	74.00	-26.64	Pass	Vertical

Mode:	8DPSK Transmitting	Channel:	2402
Remark:	AV		



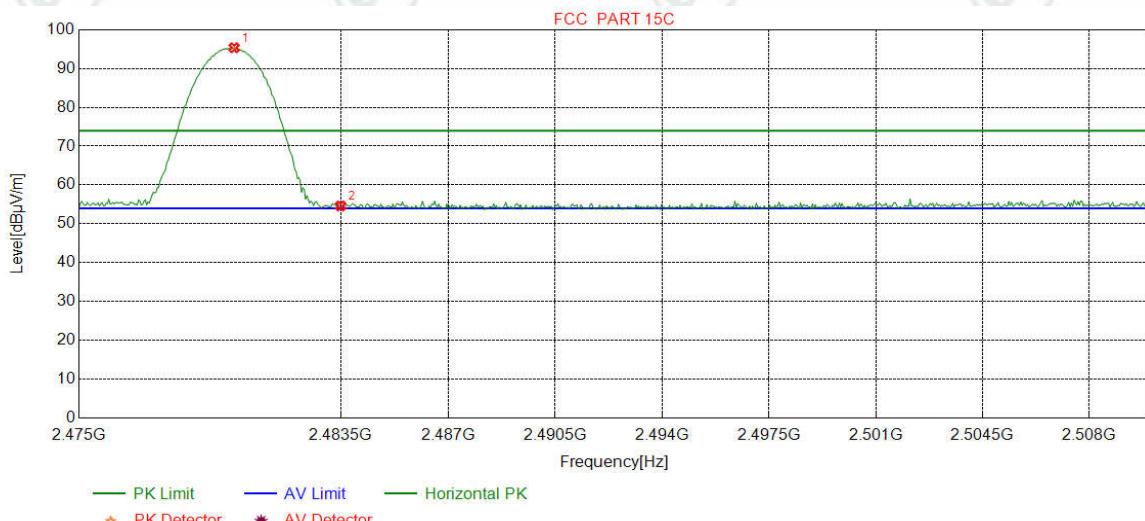
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB μ V]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-36.62	34.70	43.70	54.00	10.30	Pass	Horizontal
2	2402.1464	32.26	13.31	-36.60	76.06	85.03	54.00	-31.03	Pass	Horizontal

Mode:	8DPSK Transmitting	Channel:	2402
Remark:	AV		



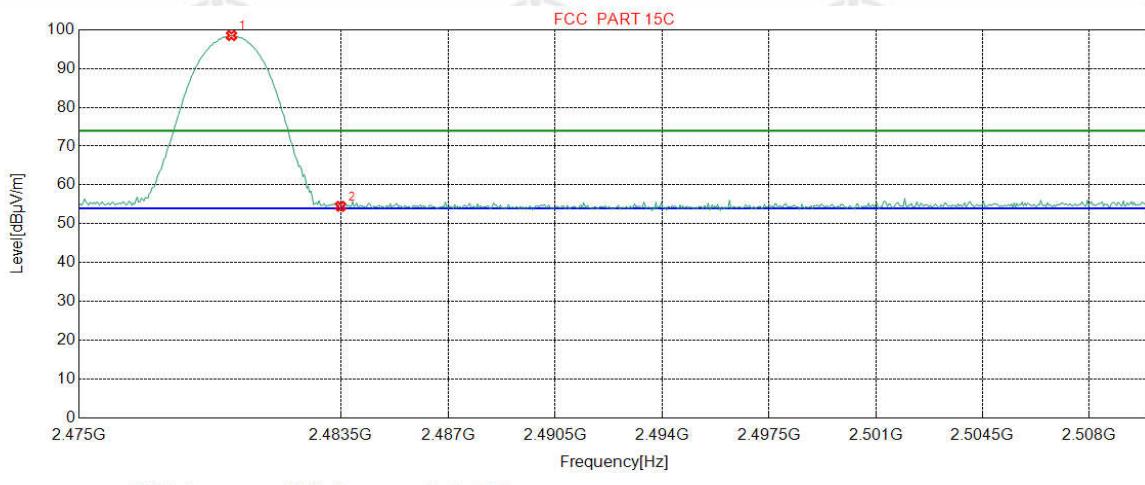
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB μ V]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-36.62	34.84	43.84	54.00	10.16	Pass	Vertical
2	2402.1464	32.26	13.31	-36.60	75.31	84.28	54.00	-30.28	Pass	Vertical

Mode:	8DPSK Transmitting	Channel:	2480
Remark:	Peak		



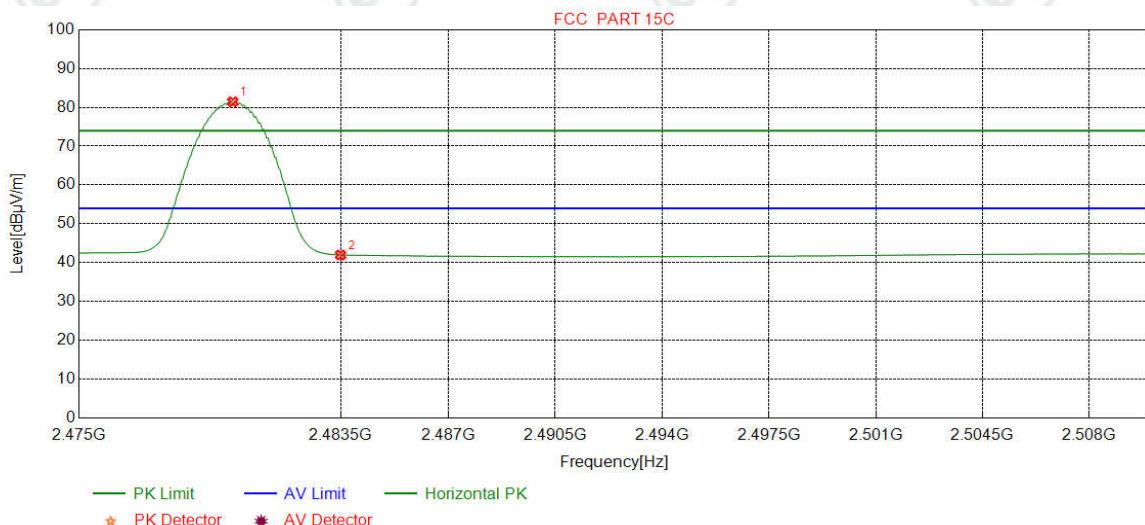
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB μ V]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Result	Polarity
1	2480.0375	32.37	13.39	-36.77	86.39	95.38	74.00	-21.38	Pass	Horizontal
2	2483.5000	32.38	13.38	-36.80	45.63	54.59	74.00	19.41	Pass	Horizontal

Mode:	8DPSK Transmitting	Channel:	2480
Remark:	Peak		



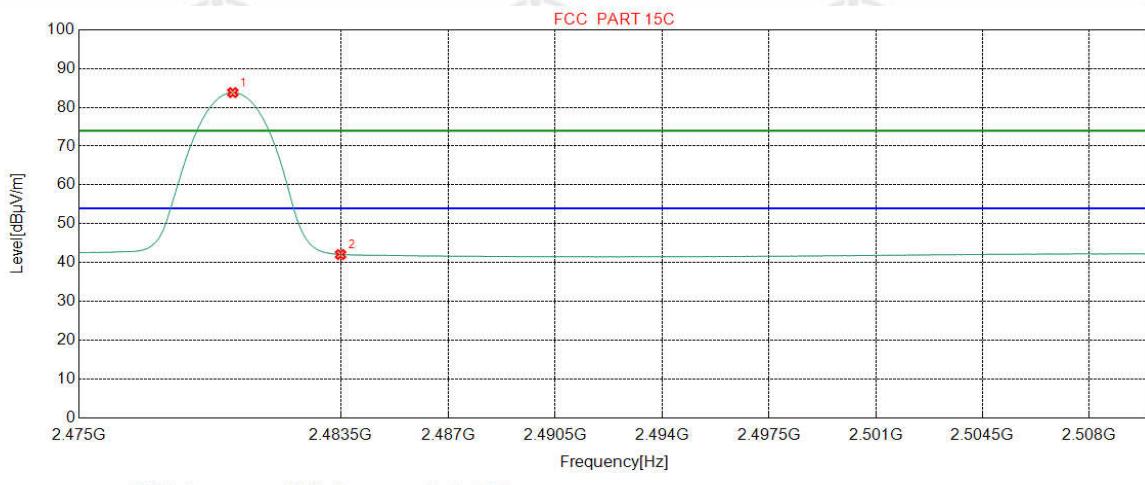
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB μ V]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Result	Polarity
1	2479.9499	32.37	13.39	-36.77	89.53	98.52	74.00	-24.52	Pass	Vertical
2	2483.5000	32.38	13.38	-36.80	45.53	54.49	74.00	19.51	Pass	Vertical

Mode:	8DPSK Transmitting	Channel:	2480
Remark:	AV		



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB μ V]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Result	Polarity
1	2479.9937	32.37	13.39	-36.77	72.45	81.44	54.00	-27.44	Pass	Horizontal
2	2483.5000	32.38	13.38	-36.80	32.99	41.95	54.00	12.05	Pass	Horizontal

Mode:	8DPSK Transmitting	Channel:	2480
Remark:	AV		



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB μ V]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Result	Polarity
1	2479.9937	32.37	13.39	-36.77	74.83	83.82	54.00	-29.82	Pass	Vertical
2	2483.5000	32.38	13.38	-36.80	33.10	42.06	54.00	11.94	Pass	Vertical

Note:

- 1) Through Pre-scan transmitter mode with all kind of modulation and all kind of data type, find the 1-DH5 of data type is the worse case of GFSK modulation type, the 2-DH5 of data type is the worse case of $\pi/4$ DQPSK modulation type, the 3-DH5 of data type is the worse case of 8DPSK modulation type in transmitter mode.
- 2) As shown in this section, the 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. So, only the peak values are measured.
- 3) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Final Test Level = Receiver Reading - Correct Factor

Correct Factor = Preamplifier Factor - Antenna Factor - Cable Factor

Appendix L): Radiated Spurious Emissions

Receiver Setup:	Frequency	Detector	RBW	VBW	Remark					
	0.009MHz-0.090MHz	Peak	10kHz	30kHz	Peak					
	0.009MHz-0.090MHz	Average	10kHz	30kHz	Average					
	0.090MHz-0.110MHz	Quasi-peak	10kHz	30kHz	Quasi-peak					
	0.110MHz-0.490MHz	Peak	10kHz	30kHz	Peak					
	0.110MHz-0.490MHz	Average	10kHz	30kHz	Average					
	0.490MHz -30MHz	Quasi-peak	10kHz	30kHz	Quasi-peak					
	30MHz-1GHz	Quasi-peak	120kHz	300kHz	Quasi-peak					
	Above 1GHz	Peak	1MHz	3MHz	Peak					
		Peak	1MHz	10Hz	Average					
Test Procedure:										
Below 1GHz test procedure as below:										
<ol style="list-style-type: none"> The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet. 										
Above 1GHz test procedure as below:										
<ol style="list-style-type: none"> Different between above is the test site, change from Semi- Anechoic Chamber to fully Anechoic Chamber and change form table 0.8 meter to 1.5 meter(Above 18GHz the distance is 1 meter and table is 1.5 meter). Test the EUT in the lowest channel ,the middle channel ,the Highest channel The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is worse case. Repeat above procedures until all frequencies measured was complete. 										
Limit:	Frequency	Field strength (microvolt/meter)	Limit (dB μ V/m)	Remark	Measurement distance (m)					
	0.009MHz-0.490MHz	2400/F(kHz)	-	-	300					
	0.490MHz-1.705MHz	24000/F(kHz)	-	-	30					
	1.705MHz-30MHz	30	-	-	30					
	30MHz-88MHz	100	40.0	Quasi-peak	3					
	88MHz-216MHz	150	43.5	Quasi-peak	3					
	216MHz-960MHz	200	46.0	Quasi-peak	3					
	960MHz-1GHz	500	54.0	Quasi-peak	3					
	Above 1GHz	500	54.0	Average	3					
	Note: 15.35(b), Unless otherwise specified, the limit on peak radio frequency emissions is 20dB above the maximum permitted average emission limit applicable to the equipment under test. This peak limit applies to the total peak emission level radiated by the device.									

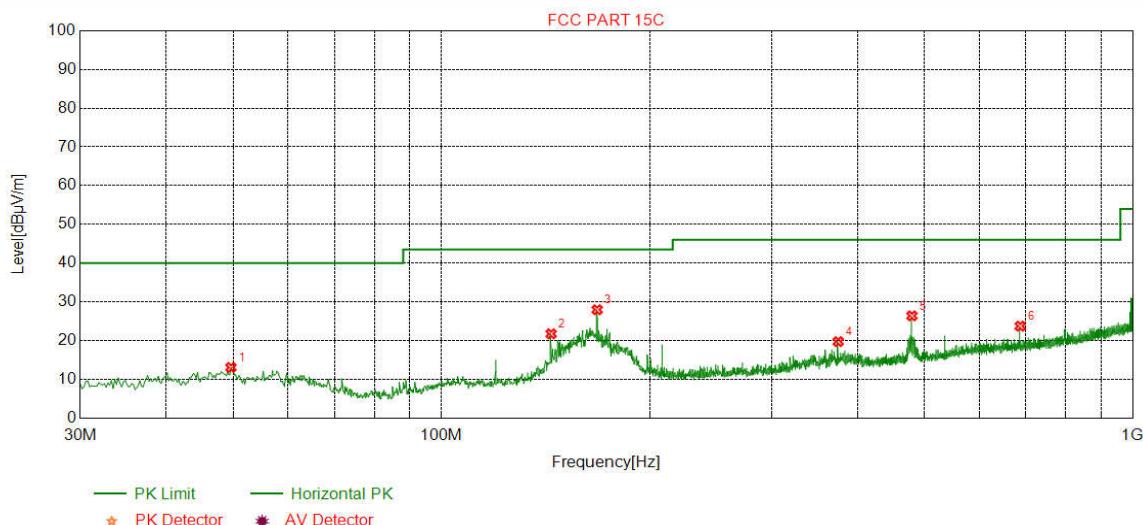
Radiated Spurious Emissions test Data:

Product : LTE MODULE
Temperature : 20°C

Model/Type reference : GLMM18A02
Humidity : 61%

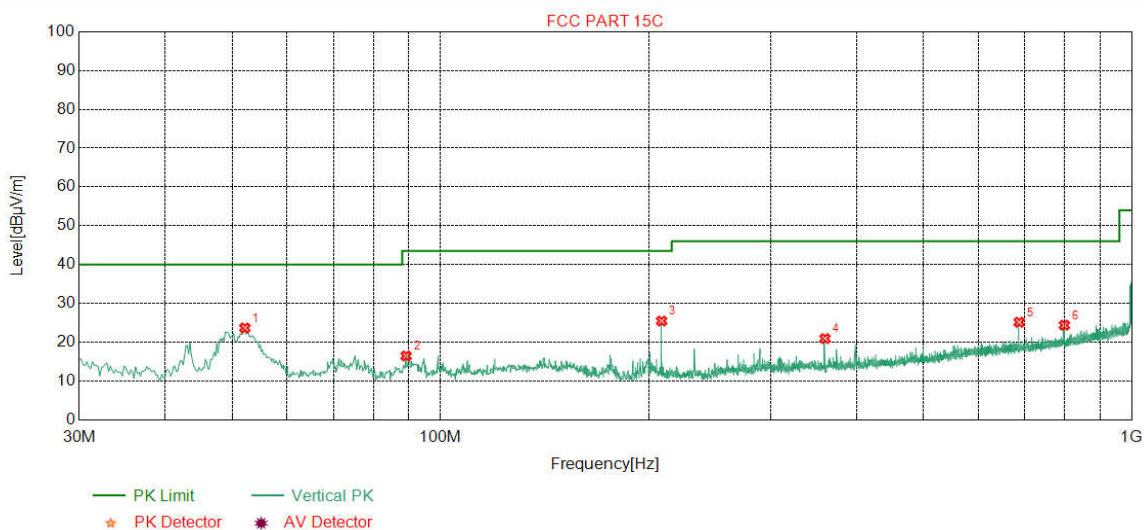
Radiated Emission below 1GHz

Mode:	8DPSK Transmitting	Channel:	2402
Remark:	QP		



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB μ V]	Level [dB μ V/m]	Limit [dB μ V/m]	Magin [dB]	Result	Polarity
1	49.5979	13.20	0.80	-32.12	31.15	13.03	40.00	26.97	Pass	Horizontal
2	144.0948	7.34	1.41	-31.99	44.96	21.72	43.50	21.78	Pass	Horizontal
3	167.9616	8.34	1.52	-31.97	50.05	27.94	43.50	15.56	Pass	Horizontal
4	375.0010	14.85	2.31	-31.88	34.43	19.71	46.00	26.29	Pass	Horizontal
5	479.3939	16.67	2.61	-31.90	38.98	26.36	46.00	19.64	Pass	Horizontal
6	687.5975	19.70	3.14	-32.06	32.92	23.70	46.00	22.30	Pass	Horizontal

Mode:	8DPSK Transmitting	Channel:	2402
Remark:	QP		



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB μ V]	Level [dB μ V/m]	Limit [dB μ V/m]	Magin [dB]	Result	Polarity
1	52.1204	12.86	0.82	-32.11	42.07	23.64	40.00	16.36	Pass	Vertical
2	89.1818	9.21	1.09	-32.08	38.21	16.43	43.50	27.07	Pass	Vertical
3	208.9038	11.13	1.71	-31.94	44.53	25.43	43.50	18.07	Pass	Vertical
4	360.0600	14.52	2.27	-31.84	35.96	20.91	46.00	25.09	Pass	Vertical
5	687.5975	19.70	3.14	-32.06	34.33	25.11	46.00	20.89	Pass	Vertical
6	799.1698	20.89	3.39	-32.03	32.11	24.36	46.00	21.64	Pass	Vertical

Transmitter Emission above 1GHz

Mode:		BLE GFSK Transmitting			Channel:				2402		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB μ V]	Level [dB μ V/m]	Limit [dB μ V/m]	Magin [dB]	Result	Polarity	Remark
1	1984.5969	31.60	3.45	-36.76	48.94	47.23	74.00	26.77	Pass	H	Peak
2	3308.1308	33.32	4.57	-36.77	45.22	46.34	74.00	27.66	Pass	H	Peak
3	4804.0000	34.50	4.55	-36.15	41.19	44.09	74.00	29.91	Pass	H	Peak
4	6345.5596	35.87	5.46	-36.14	43.44	48.63	74.00	25.37	Pass	H	Peak
5	7206.0000	36.31	5.81	-36.43	41.41	47.10	74.00	26.90	Pass	H	Peak
6	9608.0000	37.64	6.63	-36.79	43.23	50.71	74.00	23.29	Pass	H	Peak
7	1396.8794	28.30	2.90	-37.21	53.96	47.95	74.00	26.05	Pass	V	Peak
8	3186.2436	33.27	4.63	-36.76	45.81	46.95	74.00	27.05	Pass	V	Peak
9	4804.0000	34.50	4.55	-36.15	41.09	43.99	74.00	30.01	Pass	V	Peak
10	5192.9943	34.69	4.91	-35.92	43.44	47.12	74.00	26.88	Pass	V	Peak
11	7206.0000	36.31	5.81	-36.43	41.55	47.24	74.00	26.76	Pass	V	Peak
12	9608.0000	37.64	6.63	-36.79	43.41	50.89	74.00	23.11	Pass	V	Peak

Mode:		BLE GFSK Transmitting			Channel:				2441		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB μ V]	Level [dB μ V/m]	Limit [dB μ V/m]	Magin [dB]	Result	Polarity	Remark
1	1396.8794	28.30	2.90	-37.21	53.96	47.95	74.00	26.05	Pass	H	Peak
2	3186.2436	33.27	4.63	-36.76	45.81	46.95	74.00	27.05	Pass	H	Peak
3	4804.0000	34.50	4.55	-36.15	41.09	43.99	74.00	30.01	Pass	H	Peak
4	5192.9943	34.69	4.91	-35.92	43.44	47.12	74.00	26.88	Pass	H	Peak
5	7206.0000	36.31	5.81	-36.43	41.55	47.24	74.00	26.76	Pass	H	Peak
6	9608.0000	37.64	6.63	-36.79	43.41	50.89	74.00	23.11	Pass	H	Peak
7	1198.4397	28.10	2.66	-37.64	52.45	45.57	74.00	28.43	Pass	V	Peak
8	3011.7012	33.20	4.91	-36.75	46.21	47.57	74.00	26.43	Pass	V	Peak
9	4882.0000	34.50	4.81	-36.10	41.77	44.98	74.00	29.02	Pass	V	Peak
10	6133.9634	35.83	5.25	-36.23	44.66	49.51	74.00	24.49	Pass	V	Peak
11	7323.0000	36.42	5.85	-36.41	44.07	49.93	74.00	24.07	Pass	V	Peak
12	9764.0000	37.71	6.71	-36.83	43.34	50.93	74.00	23.07	Pass	V	Peak

Mode:		BLE GFSK Transmitting			Channel:				2480		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB μ V]	Level [dB μ V/m]	Limit [dB μ V/m]	Magin [dB]	Result	Polarity	Remark
1	1793.7588	30.34	3.31	-36.81	52.33	49.17	74.00	24.83	Pass	H	Peak
2	3011.7012	33.20	4.91	-36.75	46.71	48.07	74.00	25.93	Pass	H	Peak
3	4960.0000	34.50	4.82	-36.20	42.86	45.98	74.00	28.02	Pass	H	Peak
4	5504.0504	35.01	5.16	-36.14	45.36	49.39	74.00	24.61	Pass	H	Peak
5	7440.0000	36.54	5.85	-36.34	41.70	47.75	74.00	26.25	Pass	H	Peak
6	9920.0000	37.77	6.79	-36.82	42.69	50.43	74.00	23.57	Pass	H	Peak
7	1952.1904	31.38	3.42	-36.84	47.87	45.83	74.00	28.17	Pass	V	Peak
8	3193.0693	33.28	4.64	-36.73	47.16	48.35	74.00	25.65	Pass	V	Peak
9	4960.0000	34.50	4.82	-36.20	41.25	44.37	74.00	29.63	Pass	V	Peak
10	5904.8155	35.65	5.09	-36.24	44.25	48.75	74.00	25.25	Pass	V	Peak
11	7440.0000	36.54	5.85	-36.34	42.80	48.85	74.00	25.15	Pass	V	Peak
12	9920.0000	37.77	6.79	-36.82	43.03	50.77	74.00	23.23	Pass	V	Peak

Mode:		π/4DQPSK Transmitting			Channel:				2402		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB μ V]	Level [dB μ V/m]	Limit [dB μ V/m]	Magin [dB]	Result	Polarity	Remark
1	1798.5597	30.37	3.32	-36.81	51.24	48.12	74.00	25.88	Pass	H	Peak
2	3391.0141	33.36	4.55	-36.65	45.48	46.74	74.00	27.26	Pass	H	Peak
3	4804.0000	34.50	4.55	-36.15	41.49	44.39	74.00	29.61	Pass	H	Peak
4	5923.3423	35.68	5.18	-36.20	43.93	48.59	74.00	25.41	Pass	H	Peak
5	7206.0000	36.31	5.81	-36.43	42.41	48.10	74.00	25.90	Pass	H	Peak
6	9608.0000	37.64	6.63	-36.79	43.14	50.62	74.00	23.38	Pass	H	Peak
7	1596.9194	29.04	3.07	-36.99	52.63	47.75	74.00	26.25	Pass	V	Peak
8	4804.0000	34.50	4.55	-36.15	41.27	44.17	74.00	29.83	Pass	V	Peak
9	5571.3321	35.11	5.13	-36.07	44.06	48.23	74.00	25.77	Pass	V	Peak
10	7206.0000	36.31	5.81	-36.43	42.33	48.02	74.00	25.98	Pass	V	Peak
11	8537.5788	36.68	6.36	-36.35	44.04	50.73	74.00	23.27	Pass	V	Peak
12	9608.0000	37.64	6.63	-36.79	43.43	50.91	74.00	23.09	Pass	V	Peak

Mode:		π/4DQPSK Transmitting			Channel:				2441		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	1798.5597	30.37	3.32	-36.81	51.00	47.88	74.00	26.12	Pass	H	Peak
2	4117.4617	33.96	4.39	-36.35	43.99	45.99	74.00	28.01	Pass	H	Peak
3	4882.0000	34.50	4.81	-36.10	41.97	45.18	74.00	28.82	Pass	H	Peak
4	6503.5254	35.90	5.46	-36.21	44.87	50.02	74.00	23.98	Pass	H	Peak
5	7323.0000	36.42	5.85	-36.41	42.13	47.99	74.00	26.01	Pass	H	Peak
6	9764.0000	37.71	6.71	-36.83	43.08	50.67	74.00	23.33	Pass	H	Peak
7	1592.9186	29.01	3.06	-36.99	51.82	46.90	74.00	27.10	Pass	V	Peak
8	3185.2685	33.27	4.63	-36.77	46.75	47.88	74.00	26.12	Pass	V	Peak
9	4882.0000	34.50	4.81	-36.10	41.01	44.22	74.00	29.78	Pass	V	Peak
10	6951.0951	36.08	5.81	-36.26	43.61	49.24	74.00	24.76	Pass	V	Peak
11	7323.0000	36.42	5.85	-36.41	42.21	48.07	74.00	25.93	Pass	V	Peak
12	9764.0000	37.71	6.71	-36.83	43.30	50.89	74.00	23.11	Pass	V	Peak

Mode:		π/4DQPSK Transmitting			Channel:				2480		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	1597.3195	29.04	3.07	-36.99	50.19	45.31	74.00	28.69	Pass	H	Peak
2	3060.4560	33.22	4.81	-36.86	46.67	47.84	74.00	26.16	Pass	H	Peak
3	4960.0000	34.50	4.82	-36.20	42.51	45.63	74.00	28.37	Pass	H	Peak
4	6329.9580	35.87	5.46	-36.17	44.34	49.50	74.00	24.50	Pass	H	Peak
5	7440.0000	36.54	5.85	-36.34	42.96	49.01	74.00	24.99	Pass	H	Peak
6	9920.0000	37.77	6.79	-36.82	42.99	50.73	74.00	23.27	Pass	H	Peak
7	1398.4797	28.30	2.90	-37.21	50.08	44.07	74.00	29.93	Pass	V	Peak
8	3587.0087	33.47	4.37	-36.55	45.09	46.38	74.00	27.62	Pass	V	Peak
9	4960.0000	34.50	4.82	-36.20	42.10	45.22	74.00	28.78	Pass	V	Peak
10	6285.1035	35.86	5.43	-36.25	44.09	49.13	74.00	24.87	Pass	V	Peak
11	7440.0000	36.54	5.85	-36.34	41.49	47.54	74.00	26.46	Pass	V	Peak
12	9920.0000	37.77	6.79	-36.82	43.22	50.96	74.00	23.04	Pass	V	Peak

Mode:		8DPSK Transmitting			Channel:				2402		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB μ V]	Level [dB μ V/m]	Limit [dB μ V/m]	Magin [dB]	Result	Polarity	Remark
1	1795.7592	30.35	3.31	-36.80	52.45	49.31	74.00	24.69	Pass	H	Peak
2	3016.5767	33.21	4.90	-36.77	45.92	47.26	74.00	26.74	Pass	H	Peak
3	4804.0000	34.50	4.55	-36.15	41.64	44.54	74.00	29.46	Pass	H	Peak
4	6085.2085	35.82	5.25	-36.32	43.91	48.66	74.00	25.34	Pass	H	Peak
5	7206.0000	36.31	5.81	-36.43	41.33	47.02	74.00	26.98	Pass	H	Peak
6	9608.0000	37.64	6.63	-36.79	43.30	50.78	74.00	23.22	Pass	H	Peak
7	1305.6611	28.21	2.76	-37.35	52.26	45.88	74.00	28.12	Pass	V	Peak
8	3187.2187	33.27	4.63	-36.75	48.44	49.59	74.00	24.41	Pass	V	Peak
9	4804.0000	34.50	4.55	-36.15	41.72	44.62	74.00	29.38	Pass	V	Peak
10	5988.6739	35.78	5.34	-36.28	44.28	49.12	74.00	24.88	Pass	V	Peak
11	7206.0000	36.31	5.81	-36.43	43.26	48.95	74.00	25.05	Pass	V	Peak
12	9608.0000	37.64	6.63	-36.79	43.12	50.60	74.00	23.40	Pass	V	Peak

Mode:		8DPSK Transmitting			Channel:				2441		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB μ V]	Level [dB μ V/m]	Limit [dB μ V/m]	Magin [dB]	Result	Polarity	Remark
1	1799.3599	30.38	3.32	-36.81	49.79	46.68	74.00	27.32	Pass	H	Peak
2	2996.3993	33.19	4.54	-36.71	46.65	47.67	74.00	26.33	Pass	H	Peak
3	4882.0000	34.50	4.81	-36.10	41.30	44.51	74.00	29.49	Pass	H	Peak
4	6897.4647	36.06	5.86	-36.29	43.87	49.50	74.00	24.50	Pass	H	Peak
5	7323.0000	36.42	5.85	-36.41	41.11	46.97	74.00	27.03	Pass	H	Peak
6	9764.0000	37.71	6.71	-36.83	43.02	50.61	74.00	23.39	Pass	H	Peak
7	1592.5185	29.01	3.06	-36.99	48.93	44.01	74.00	29.99	Pass	V	Peak
8	2999.5999	33.20	4.55	-36.71	49.00	50.04	74.00	23.96	Pass	V	Peak
9	4882.0000	34.50	4.81	-36.10	42.60	45.81	74.00	28.19	Pass	V	Peak
10	6386.5137	35.88	5.35	-36.29	44.86	49.80	74.00	24.20	Pass	V	Peak
11	7323.0000	36.42	5.85	-36.41	43.37	49.23	74.00	24.77	Pass	V	Peak
12	9764.0000	37.71	6.71	-36.83	43.00	50.59	74.00	23.41	Pass	V	Peak

Mode:		8DPSK Transmitting			Channel:				2480		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB μ V]	Level [dB μ V/m]	Limit [dB μ V/m]	Magin [dB]	Result	Polarity	Remark
1	1792.5585	30.33	3.31	-36.81	51.55	48.38	74.00	25.62	Pass	H	Peak
2	3189.1689	33.28	4.63	-36.75	45.73	46.89	74.00	27.11	Pass	H	Peak
3	4960.0000	34.50	4.82	-36.20	41.80	44.92	74.00	29.08	Pass	H	Peak
4	5530.3780	35.05	5.16	-36.08	43.07	47.20	74.00	26.80	Pass	H	Peak
5	7440.0000	36.54	5.85	-36.34	42.14	48.19	74.00	25.81	Pass	H	Peak
6	9920.0000	37.77	6.79	-36.82	43.08	50.82	74.00	23.18	Pass	H	Peak
7	1596.1192	29.03	3.07	-36.99	53.59	48.70	74.00	25.30	Pass	V	Peak
8	3026.3276	33.21	4.88	-36.80	47.41	48.70	74.00	25.30	Pass	V	Peak
9	4960.0000	34.50	4.82	-36.20	43.02	46.14	74.00	27.86	Pass	V	Peak
10	6449.8950	35.89	5.52	-36.26	44.26	49.41	74.00	24.59	Pass	V	Peak
11	7440.0000	36.54	5.85	-36.34	42.42	48.47	74.00	25.53	Pass	V	Peak
12	9920.0000	37.77	6.79	-36.82	43.10	50.84	74.00	23.16	Pass	V	Peak

Note:

- 1) Through transmitter mode with all kind of modulation and all kind of data type, find the 1-DH5 of data type is the worse case of GFSK modulation type, the 2-DH5 of data type is the worse case of $\pi/4$ DQPSK modulation type, The 3-DH5 of data type is the worse case of 8DPSKmodulation type in transmitter mode.
- 2) As shown in this section, for frequencies above 1GHz, the 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. So, only the peak values are measured.
- 3) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Final Test Level =Receiver Reading -Correct Factor

Correct Factor = Preamplifier Factor- Antenna Factor-Cable Factor

- 4) Scan from 9kHz to 25GHz, the disturbance above 13GHz and below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.

PHOTOGRAPHS OF TEST SETUP

Test model No.: GLMM18A02



Radiated spurious emission Test Setup-1(Below 30MHz)



Radiated spurious emission Test Setup-2(Below 1GHz)



Radiated spurious emission Test Setup-3(Above 1GHz)



Conducted Emissions Test Setup

PHOTOGRAPHS OF EUT Constructional Details

Refer to Report No.EED32K00246401 for EUT external and internal photos.

*** End of Report ***

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