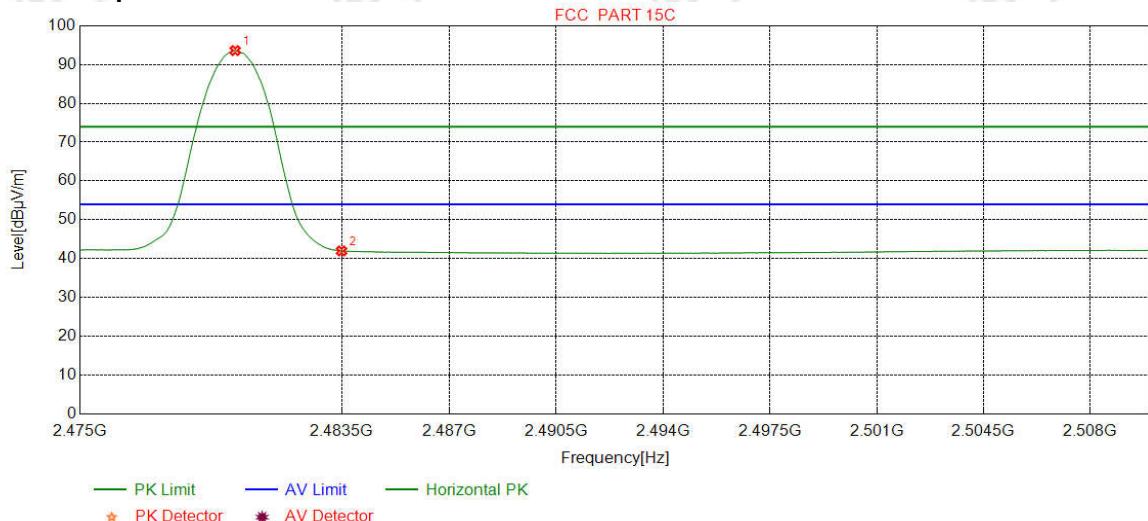
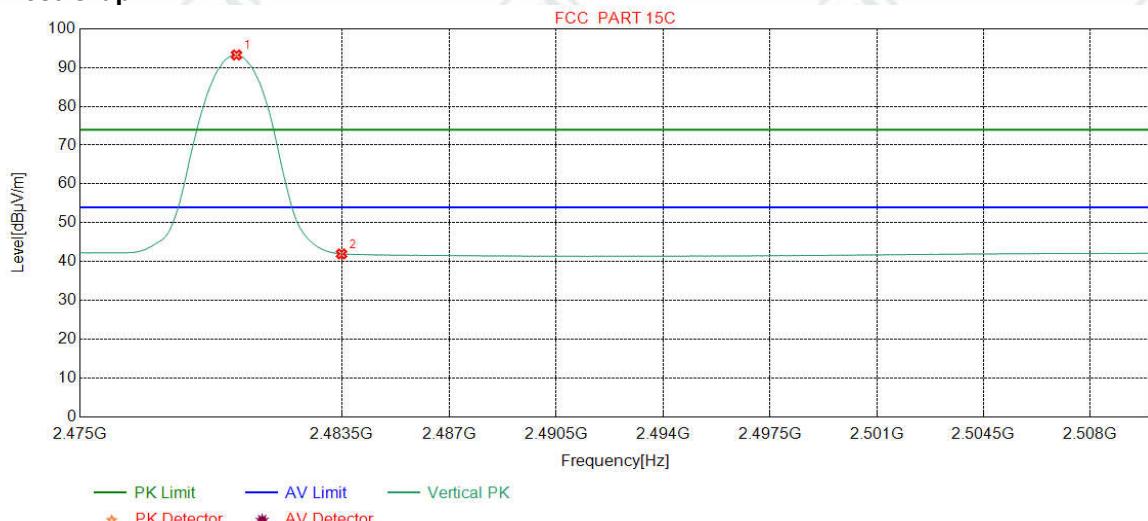


Mode:	GFSK Transmitting	Channel:	2480
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Test Graph

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	Remark
1	2480.0375	32.37	13.39	-36.77	84.63	93.62	54.00	-39.62	Pass	H	AV
2	2483.5000	32.38	13.38	-36.80	33.00	41.96	54.00	12.04	Pass	H	AV

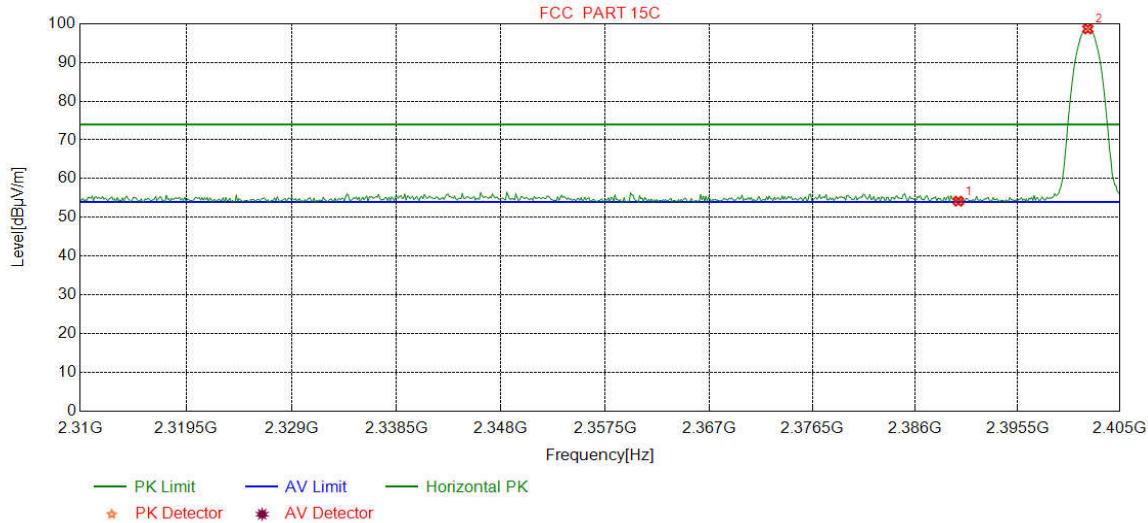
Mode:	GFSK Transmitting	Channel:	2480
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Test Graph

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	Remark
1	2480.0814	32.37	13.39	-36.77	84.27	93.26	54.00	-39.26	Pass	V	AV
2	2483.5000	32.38	13.38	-36.80	33.00	41.96	54.00	12.04	Pass	V	AV

Mode:	$\pi/4$ DQPSK Transmitting	Channel:	2402
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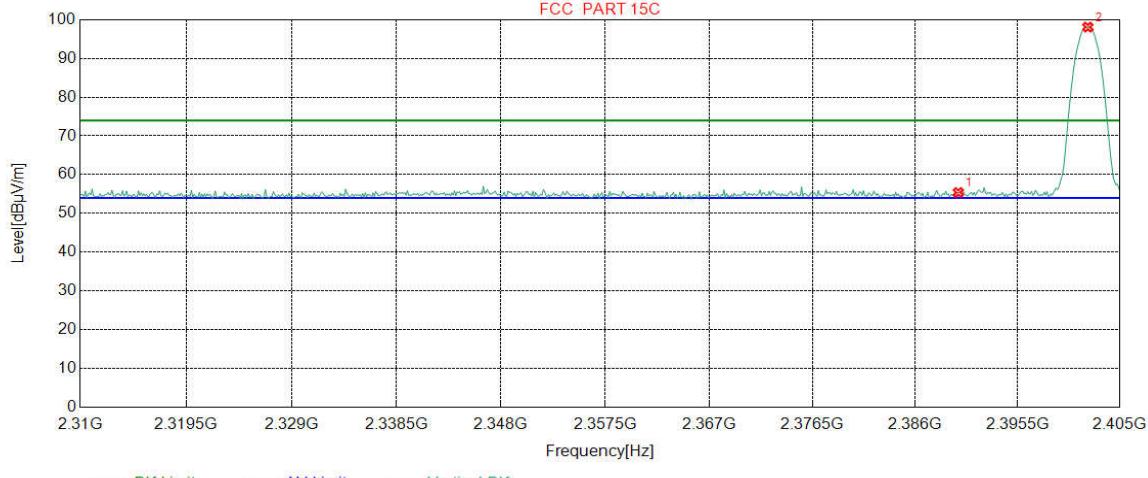
Test Graph



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	Remark
1	2390.0000	32.25	13.37	-36.62	45.17	54.17	74.00	19.83	Pass	H	Peak
2	2402.0275	32.26	13.31	-36.60	89.70	98.67	74.00	-24.67	Pass	H	Peak

Mode:	$\pi/4$ DQPSK Transmitting	Channel:	2402
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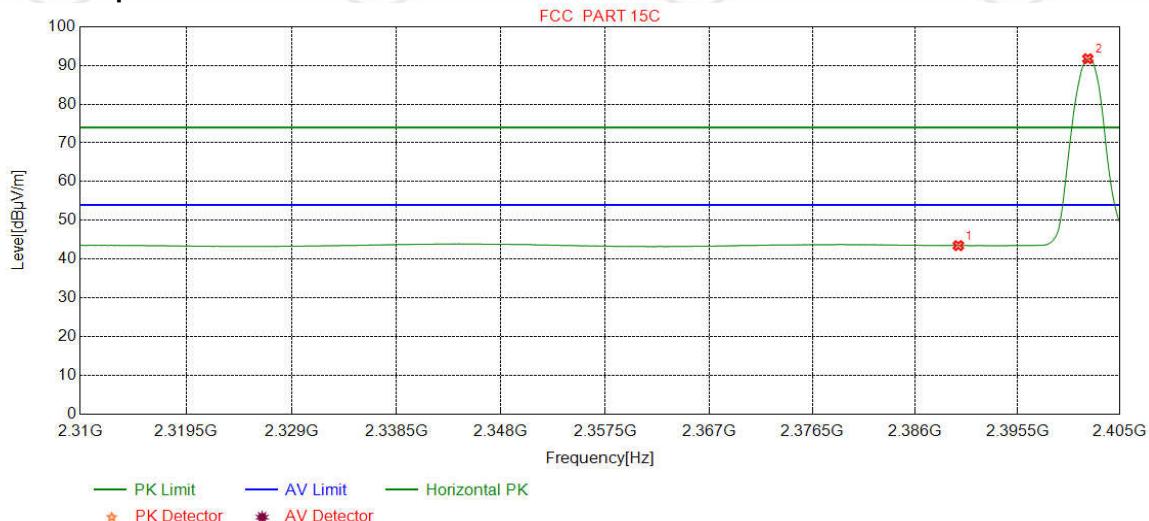
Test Graph



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	Remark
1	2390.0000	32.25	13.37	-36.62	46.38	55.38	74.00	18.62	Pass	V	Peak
2	2402.0275	32.26	13.31	-36.60	89.14	98.11	74.00	-24.11	Pass	V	Peak

Mode:	$\pi/4$ DQPSK Transmitting	Channel:	2402
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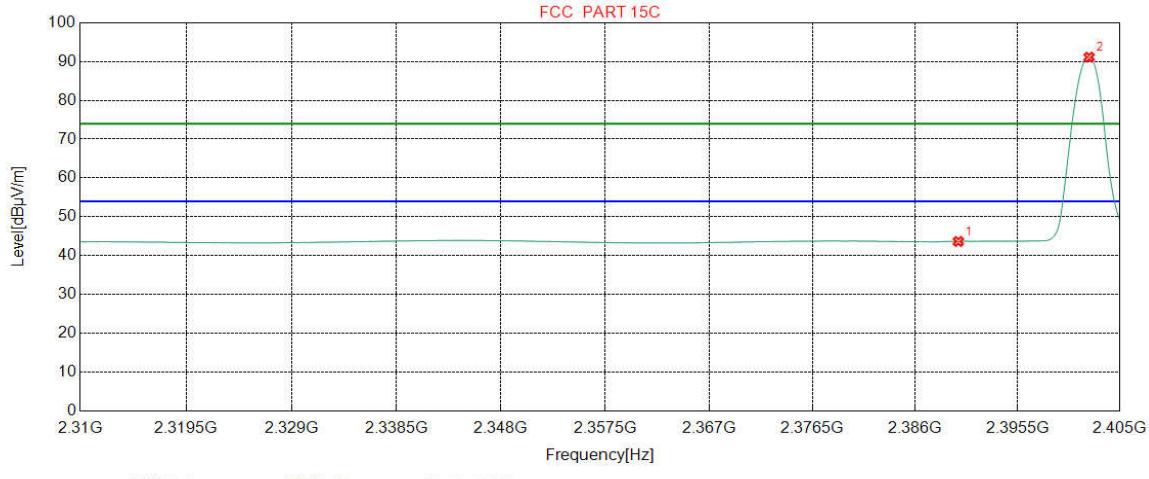
Test Graph



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	Remark
1	2390.0000	32.25	13.37	-36.62	34.47	43.47	54.00	10.53	Pass	H	AV
2	2402.0275	32.26	13.31	-36.60	82.78	91.75	54.00	-37.75	Pass	H	AV

Mode:	$\pi/4$ DQPSK Transmitting	Channel:	2402
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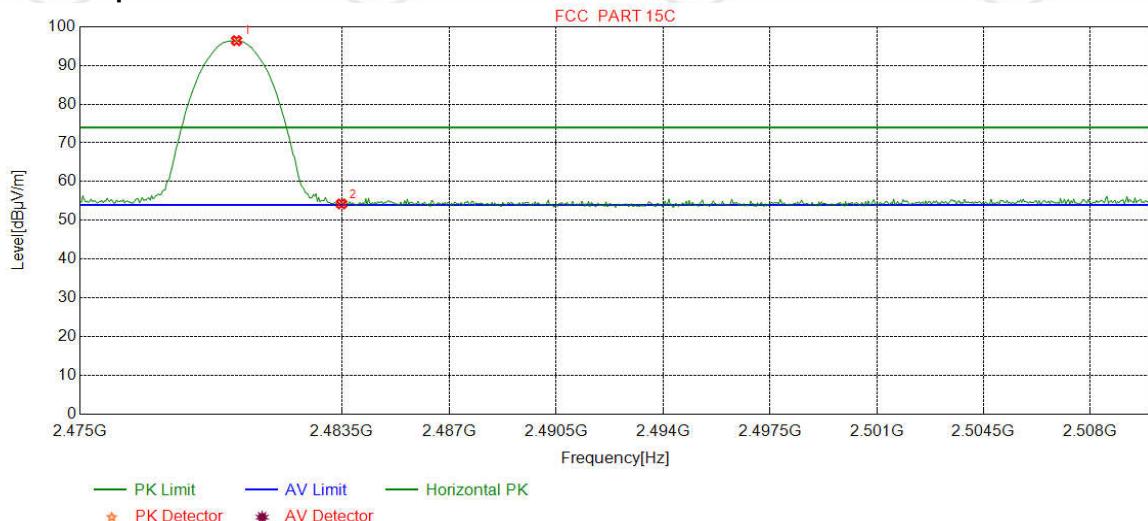
Test Graph



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	Remark
1	2390.0000	32.25	13.37	-36.62	34.63	43.63	54.00	10.37	Pass	V	AV
2	2402.1464	32.26	13.31	-36.60	82.17	91.14	54.00	-37.14	Pass	V	AV

Mode:	$\pi/4$ DQPSK Transmitting	Channel:	2480
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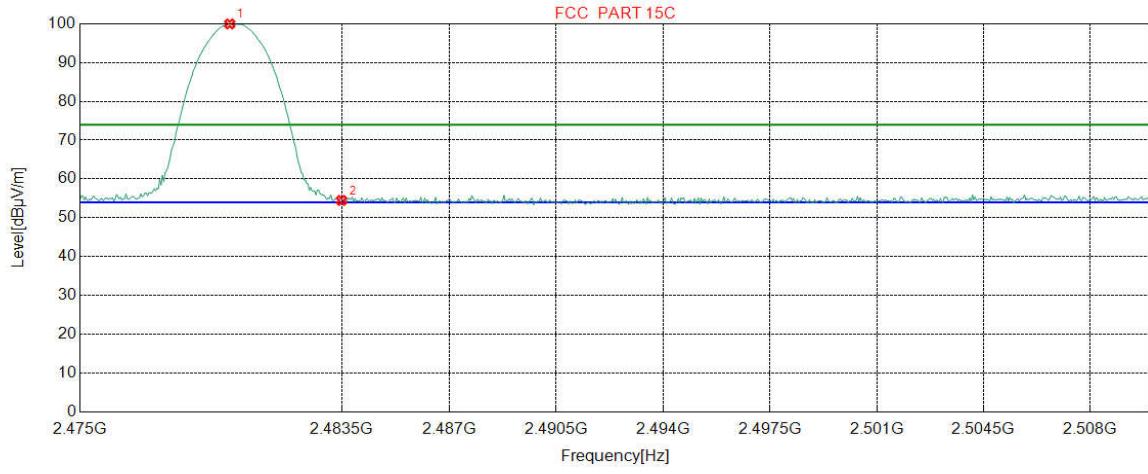
Test Graph



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	Remark
1	2480.0814	32.37	13.39	-36.77	87.42	96.41	74.00	-22.41	Pass	H	Peak
2	2483.5000	32.38	13.38	-36.80	45.28	54.24	74.00	19.76	Pass	H	Peak

Mode:	$\pi/4$ DQPSK Transmitting	Channel:	2480
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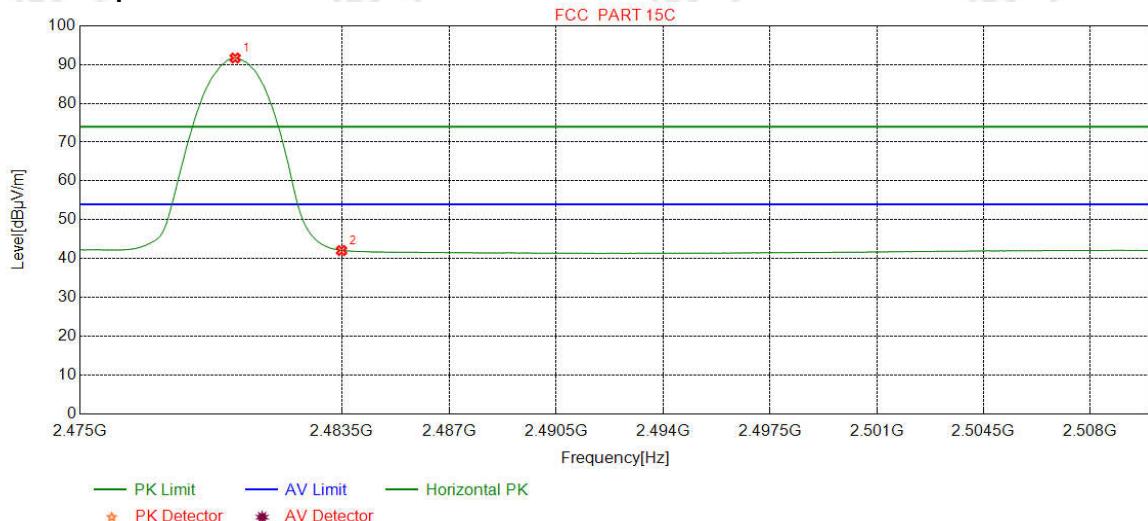
Test Graph



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	Remark
1	2479.8623	32.37	13.39	-36.77	90.98	99.97	74.00	-25.97	Pass	V	Peak
2	2483.5000	32.38	13.38	-36.80	45.51	54.47	74.00	19.53	Pass	V	Peak

Mode:	$\pi/4$ DQPSK Transmitting	Channel:	2480
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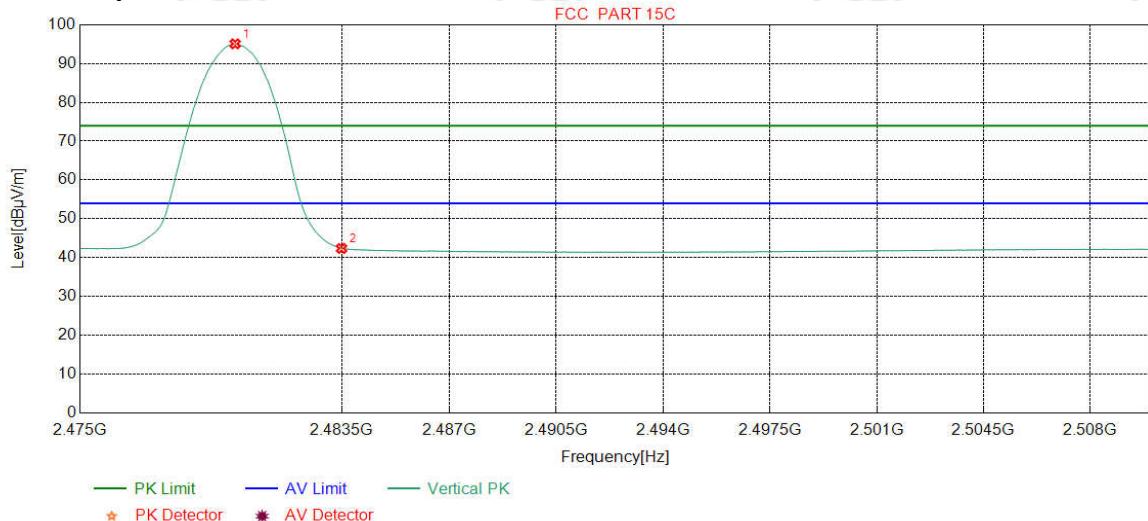
Test Graph



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	Remark
1	2480.0375	32.37	13.39	-36.77	82.71	91.70	54.00	-37.70	Pass	H	AV
2	2483.5000	32.38	13.38	-36.80	33.10	42.06	54.00	11.94	Pass	H	AV

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

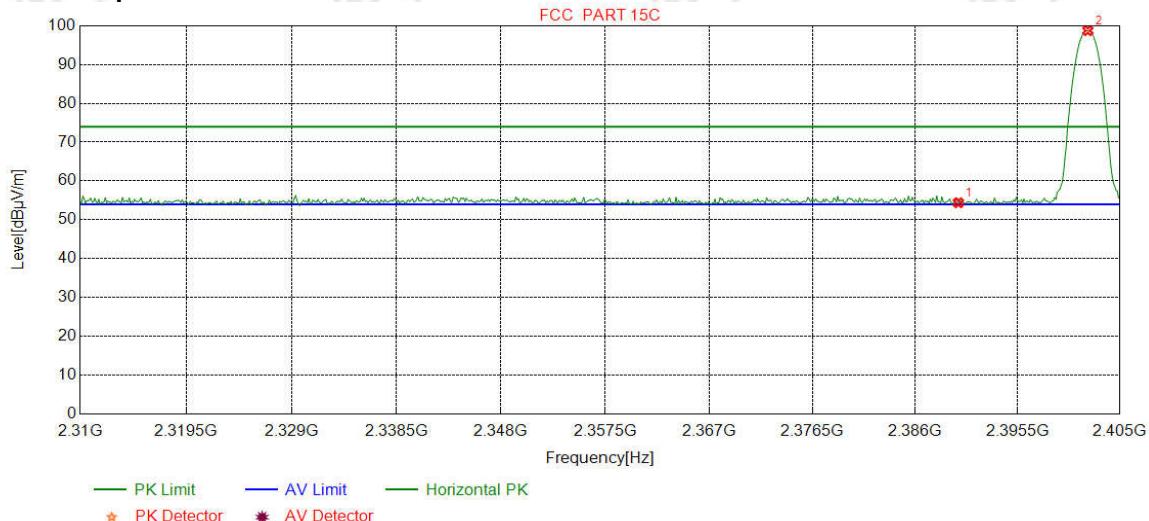
Test Graph



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	Remark
1	2480.0375	32.37	13.39	-36.77	86.11	95.10	54.00	-41.10	Pass	V	AV
2	2483.5000	32.38	13.38	-36.80	33.38	42.34	54.00	11.66	Pass	V	AV

Mode:	8DPSK Transmitting	Channel:	2402
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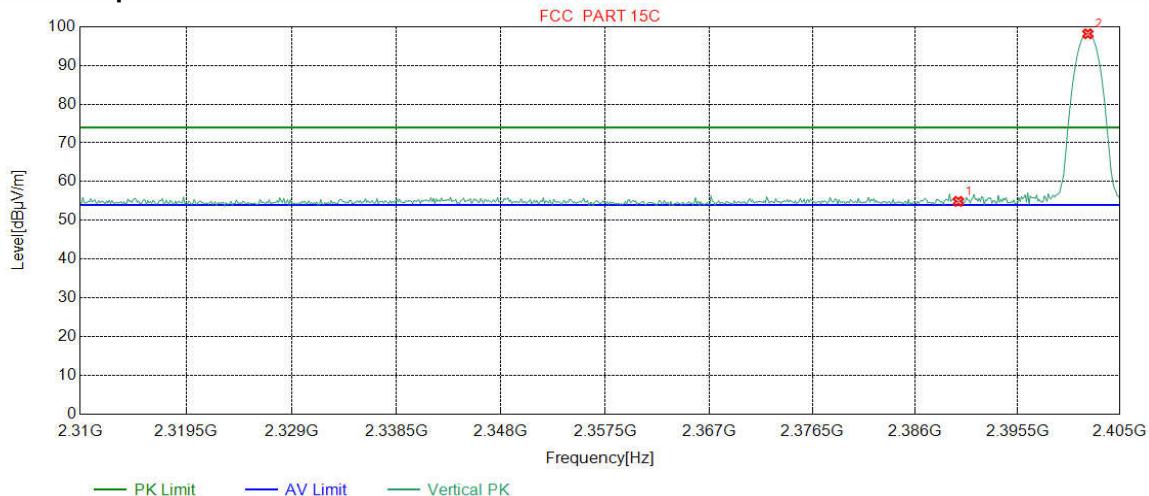
Test Graph



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	Remark
1	2390.0000	32.25	13.37	-36.62	45.37	54.37	74.00	19.63	Pass	H	Peak
2	2402.0275	32.26	13.31	-36.60	89.79	98.76	74.00	-24.76	Pass	H	Peak

Mode:	8DPSK Transmitting	Channel:	2402
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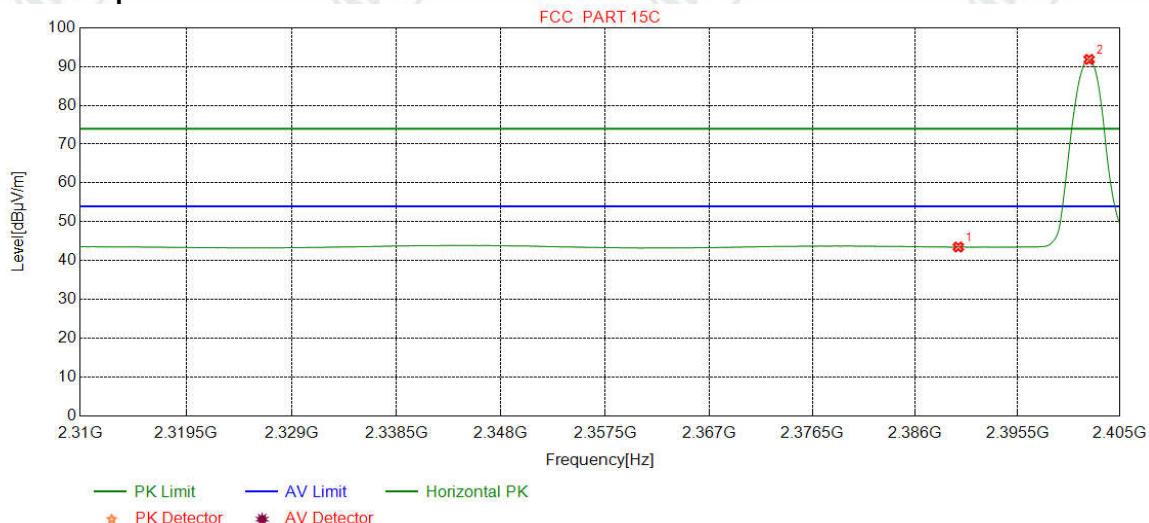
Test Graph



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	Remark
1	2390.0000	32.25	13.37	-36.62	45.89	54.89	74.00	19.11	Pass	V	Peak
2	2402.0275	32.26	13.31	-36.60	89.21	98.18	74.00	-24.18	Pass	V	Peak

Mode:	8DPSK Transmitting	Channel:	2402
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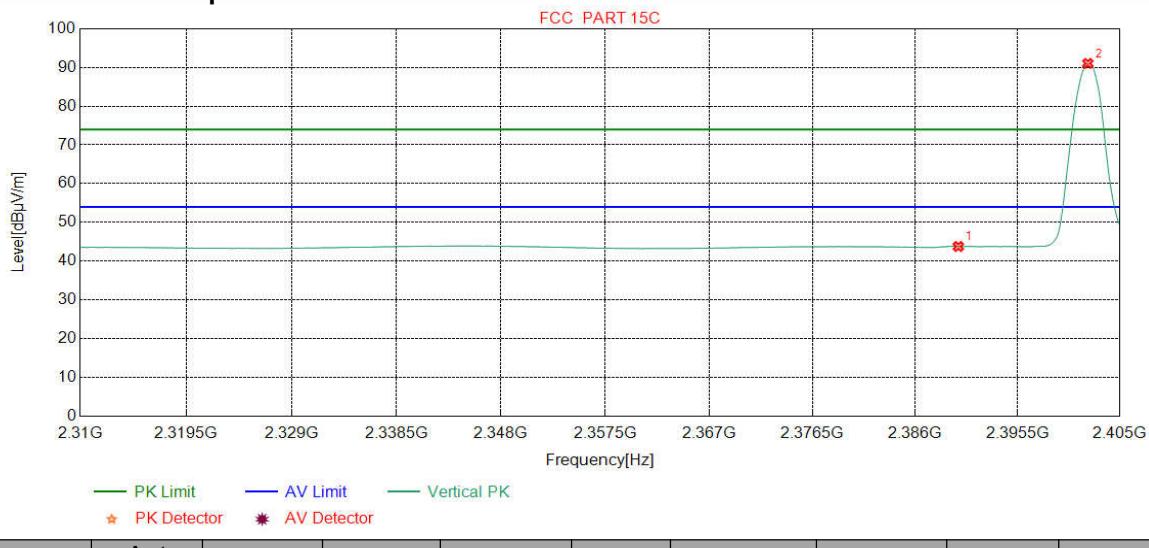
Test Graph



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	Remark
1	2390.0000	32.25	13.37	-36.62	34.48	43.48	54.00	10.52	Pass	H	AV
2	2402.1464	32.26	13.31	-36.60	82.88	91.85	54.00	-37.85	Pass	H	AV

Mode:	8DPSK Transmitting	Channel:	2402
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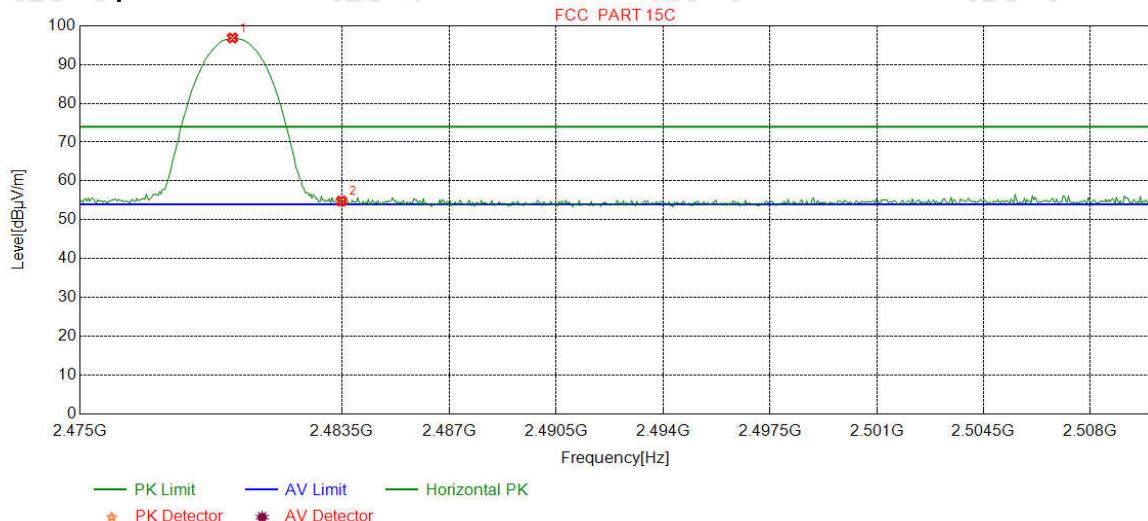
Test Graph



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	Remark
1	2390.0000	32.25	13.37	-36.62	34.76	43.76	54.00	10.24	Pass	V	AV
2	2402.0275	32.26	13.31	-36.60	82.08	91.05	54.00	-37.05	Pass	V	AV

Mode:	8DPSK Transmitting	Channel:	2480
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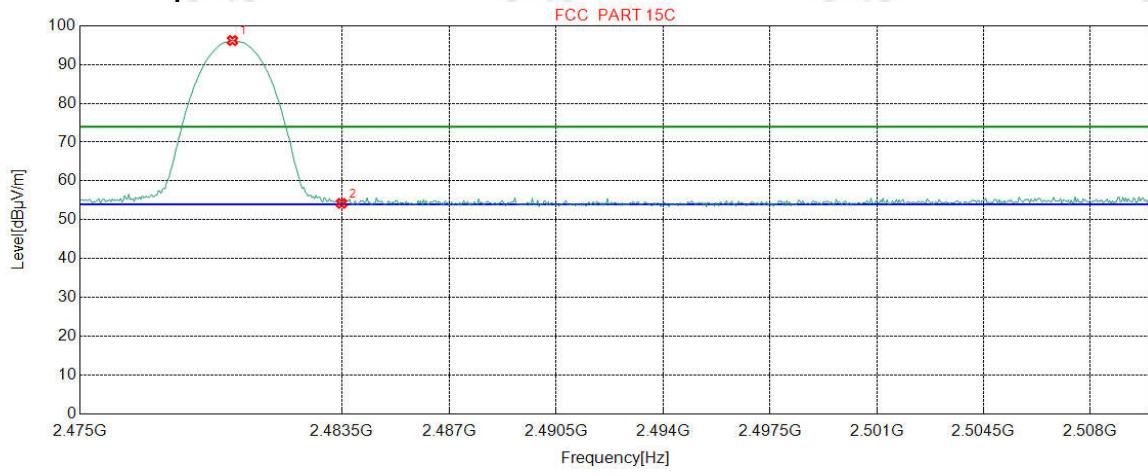
Test Graph



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	Remark
1	2479.9499	32.37	13.39	-36.77	87.88	96.87	74.00	-22.87	Pass	H	Peak
2	2483.5000	32.38	13.38	-36.80	45.85	54.81	74.00	19.19	Pass	H	Peak

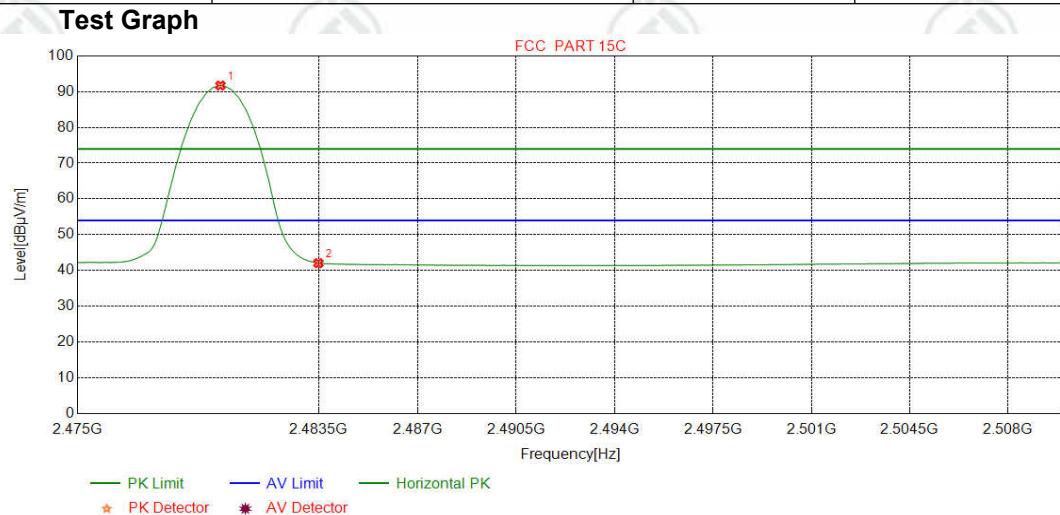
Mode:	8DPSK Transmitting	Channel:	2480
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Test Graph



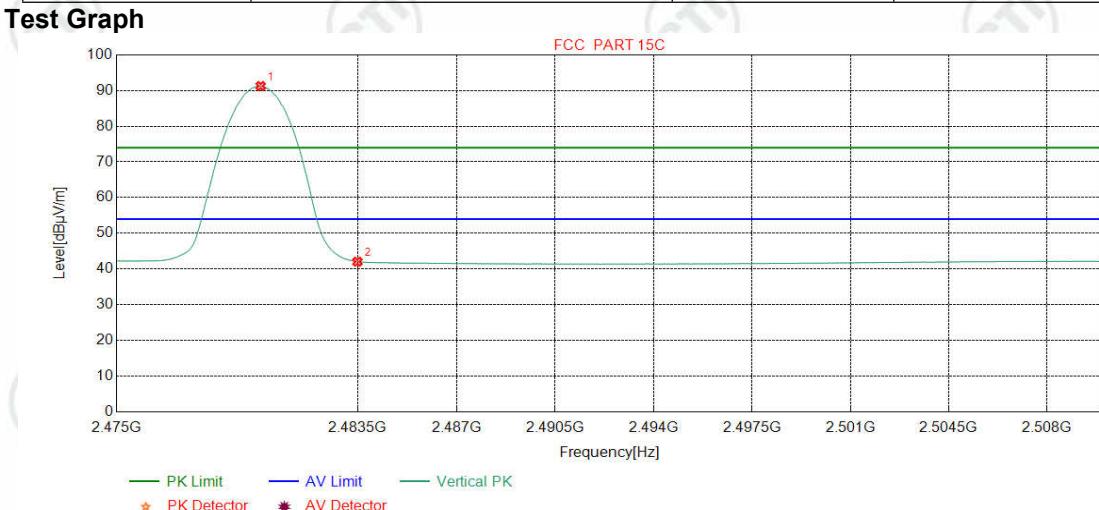
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB μ V]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Result	Polarity	Remark
1	2479.9499	32.37	13.39	-36.77	87.21	96.20	74.00	-22.20	Pass	V	Peak
2	2483.5000	32.38	13.38	-36.80	45.25	54.21	74.00	19.79	Pass	V	Peak

Mode:	8DPSK Transmitting	Channel:	2480
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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	Remark
1	2480.0375	32.37	13.39	-36.77	82.74	91.73	54.00	-37.73	Pass	H	AV
2	2483.5000	32.38	13.38	-36.80	33.06	42.02	54.00	11.98	Pass	H	AV

Mode:	8DPSK Transmitting	Channel:	2480
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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	Remark
1	2480.0814	32.37	13.39	-36.77	82.28	91.27	54.00	-37.27	Pass	V	AV
2	2483.5000	32.38	13.38	-36.80	33.05	42.01	54.00	11.99	Pass	V	AV

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 charge + transmitter mode.

2) 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:
Radiated Emission below 1GHz**

Mode:	8DPSK Transmitting		Channel:	2480						
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	63.3747	10.72	0.91	-32.04	34.80	14.39	40.00	25.61	Pass	Horizontal
2	120.8102	9.08	1.30	-32.07	39.42	17.73	43.50	25.77	Pass	Horizontal
3	237.8156	11.88	1.83	-31.90	42.39	24.20	46.00	21.80	Pass	Horizontal
4	359.4779	14.51	2.27	-31.85	39.22	24.15	46.00	21.85	Pass	Horizontal
5	599.5039	18.99	2.96	-31.99	31.72	21.68	46.00	24.32	Pass	Horizontal
6	721.5543	20.04	3.23	-32.08	46.93	38.12	46.00	7.88	Pass	Horizontal

Mode:	8DPSK Transmitting		Channel:	2480						
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	52.7025	12.77	0.82	-32.10	41.92	23.41	40.00	16.59	Pass	Vertical
2	208.9038	11.13	1.71	-31.94	45.03	25.93	43.50	17.57	Pass	Vertical
3	356.1792	14.44	2.25	-31.85	36.69	21.53	46.00	24.47	Pass	Vertical
4	598.9218	18.98	2.95	-31.98	32.31	22.26	46.00	23.74	Pass	Vertical
5	687.5975	19.70	3.14	-32.06	35.00	25.78	46.00	20.22	Pass	Vertical
6	796.4533	20.86	3.38	-32.01	33.24	25.47	46.00	20.53	Pass	Vertical

Transmitter Emission above 1GHz

Mode:		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	1790.9582	30.32	3.30	-36.80	51.29	48.11	74.00	25.89	Pass	H	Peak
2	2997.1994	33.20	4.54	-36.72	46.47	47.49	74.00	26.51	Pass	H	Peak
3	4804.0000	34.50	4.55	-36.15	42.08	44.98	74.00	29.02	Pass	H	Peak
4	5897.9898	35.64	5.06	-36.23	44.37	48.84	74.00	25.16	Pass	H	Peak
5	7206.0000	36.31	5.81	-36.43	42.59	48.28	74.00	25.72	Pass	H	Peak
6	9608.0000	37.64	6.63	-36.79	43.26	50.74	74.00	23.26	Pass	H	Peak
7	2195.4391	31.97	3.65	-36.54	50.98	50.06	74.00	23.94	Pass	V	Peak
8	3640.6391	33.51	4.34	-36.41	45.10	46.54	74.00	27.46	Pass	V	Peak
9	4804.0000	34.50	4.55	-36.15	42.50	45.40	74.00	28.60	Pass	V	Peak
10	5759.5260	35.42	4.95	-36.12	45.41	49.66	74.00	24.34	Pass	V	Peak
11	7206.0000	36.31	5.81	-36.43	43.35	49.04	74.00	24.96	Pass	V	Peak
12	9608.0000	37.64	6.63	-36.79	43.24	50.72	74.00	23.28	Pass	V	Peak

Mode:		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	1192.8386	28.09	2.66	-37.65	49.39	42.49	74.00	31.51	Pass	H	Peak
2	3500.2250	33.40	4.49	-36.59	45.00	46.30	74.00	27.70	Pass	H	Peak
3	4882.0000	34.50	4.81	-36.10	40.90	44.11	74.00	29.89	Pass	H	Peak
4	6711.2211	35.98	5.54	-36.20	43.97	49.29	74.00	24.71	Pass	H	Peak
5	7323.0000	36.42	5.85	-36.41	42.46	48.32	74.00	25.68	Pass	H	Peak
6	9764.0000	37.71	6.71	-36.83	43.15	50.74	74.00	23.26	Pass	H	Peak
7	1592.5185	29.01	3.06	-36.99	53.20	48.28	74.00	25.72	Pass	V	Peak
8	3865.8866	33.69	4.35	-36.17	45.51	47.38	74.00	26.62	Pass	V	Peak
9	4882.0000	34.50	4.81	-36.10	42.61	45.82	74.00	28.18	Pass	V	Peak
10	6179.7930	35.84	5.23	-36.28	44.93	49.72	74.00	24.28	Pass	V	Peak
11	7323.0000	36.42	5.85	-36.41	42.31	48.17	74.00	25.83	Pass	V	Peak
12	9764.0000	37.71	6.71	-36.83	42.93	50.52	74.00	23.48	Pass	V	Peak

Mode:		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	1796.5593	30.36	3.31	-36.81	50.70	47.56	74.00	26.44	Pass	H	Peak
2	3302.2802	33.32	4.58	-36.79	46.56	47.67	74.00	26.33	Pass	H	Peak
3	4960.0000	34.50	4.82	-36.20	41.44	44.56	74.00	29.44	Pass	H	Peak
4	5808.2808	35.49	5.00	-36.02	44.28	48.75	74.00	25.25	Pass	H	Peak
5	7440.0000	36.54	5.85	-36.34	43.09	49.14	74.00	24.86	Pass	H	Peak
6	9920.0000	37.77	6.79	-36.82	43.23	50.97	74.00	23.03	Pass	H	Peak
7	1598.1196	29.05	3.07	-36.99	52.88	48.01	74.00	25.99	Pass	V	Peak
8	3201.8452	33.28	4.64	-36.69	46.19	47.42	74.00	26.58	Pass	V	Peak
9	4882.0000	34.50	4.81	-36.10	42.71	45.92	74.00	28.08	Pass	V	Peak
10	5987.6988	35.78	5.34	-36.28	44.25	49.09	74.00	24.91	Pass	V	Peak
11	7323.0000	36.42	5.85	-36.41	41.24	47.10	74.00	26.90	Pass	V	Peak
12	9764.0000	37.71	6.71	-36.83	43.20	50.79	74.00	23.21	Pass	V	Peak

Mode:		$\pi/4$ DQPSK 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	2173.8348	31.94	3.65	-36.42	47.81	46.98	74.00	27.02	Pass	H	Peak
2	3409.5410	33.36	4.54	-36.63	46.07	47.34	74.00	26.66	Pass	H	Peak
3	4804.0000	34.50	4.55	-36.15	41.94	44.84	74.00	29.16	Pass	H	Peak
4	6018.9019	35.80	5.29	-36.29	44.94	49.74	74.00	24.26	Pass	H	Peak
5	7206.0000	36.31	5.81	-36.43	42.55	48.24	74.00	25.76	Pass	H	Peak
6	9608.0000	37.64	6.63	-36.79	43.08	50.56	74.00	23.44	Pass	H	Peak
7	1594.9190	29.03	3.07	-37.00	52.95	48.05	74.00	25.95	Pass	V	Peak
8	3069.2319	33.23	4.79	-36.86	45.81	46.97	74.00	27.03	Pass	V	Peak
9	4804.0000	34.50	4.55	-36.15	41.48	44.38	74.00	29.62	Pass	V	Peak
10	5761.4761	35.42	4.95	-36.11	44.89	49.15	74.00	24.85	Pass	V	Peak
11	7206.0000	36.31	5.81	-36.43	42.00	47.69	74.00	26.31	Pass	V	Peak
12	9608.0000	37.64	6.63	-36.79	43.14	50.62	74.00	23.38	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	1797.3595	30.36	3.32	-36.81	48.72	45.59	74.00	28.41	Pass	H	Peak
2	2961.9924	33.14	4.44	-36.79	46.12	46.91	74.00	27.09	Pass	H	Peak
3	4882.0000	34.50	4.81	-36.10	41.43	44.64	74.00	29.36	Pass	H	Peak
4	6551.3051	35.92	5.35	-36.13	44.37	49.51	74.00	24.49	Pass	H	Peak
5	7323.0000	36.42	5.85	-36.41	42.20	48.06	74.00	25.94	Pass	H	Peak
6	9764.0000	37.71	6.71	-36.83	43.33	50.92	74.00	23.08	Pass	H	Peak
7	1594.5189	29.02	3.07	-36.99	53.04	48.14	74.00	25.86	Pass	V	Peak
8	3520.7021	33.42	4.47	-36.53	45.18	46.54	74.00	27.46	Pass	V	Peak
9	4882.0000	34.50	4.81	-36.10	41.36	44.57	74.00	29.43	Pass	V	Peak
10	6496.6997	35.90	5.47	-36.22	44.52	49.67	74.00	24.33	Pass	V	Peak
11	7323.0000	36.42	5.85	-36.41	41.56	47.42	74.00	26.58	Pass	V	Peak
12	9764.0000	37.71	6.71	-36.83	43.17	50.76	74.00	23.24	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	3010.7261	33.20	4.91	-36.74	46.52	47.89	74.00	26.11	Pass	H	Peak
2	4475.3225	34.47	4.73	-36.24	44.38	47.34	74.00	26.66	Pass	H	Peak
3	4960.0000	34.50	4.82	-36.20	41.76	44.88	74.00	29.12	Pass	H	Peak
4	6075.4575	35.82	5.24	-36.30	44.92	49.68	74.00	24.32	Pass	H	Peak
5	7440.0000	36.54	5.85	-36.34	41.90	47.95	74.00	26.05	Pass	H	Peak
6	9920.0000	37.77	6.79	-36.82	44.81	52.55	74.00	21.45	Pass	H	Peak
7	9920.0000	37.77	6.79	-36.82	31.36	39.10	54.00	14.90	Pass	H	AV
8	1888.5777	30.96	3.41	-36.81	51.36	48.92	74.00	25.08	Pass	V	Peak
9	3191.1191	33.28	4.64	-36.75	46.66	47.83	74.00	26.17	Pass	V	Peak
10	4960.0000	34.50	4.82	-36.20	41.10	44.22	74.00	29.78	Pass	V	Peak
11	5543.0543	35.07	5.16	-36.06	43.26	47.43	74.00	26.57	Pass	V	Peak
12	7440.0000	36.54	5.85	-36.34	41.70	47.75	74.00	26.25	Pass	V	Peak
13	9920.0000	37.77	6.79	-36.82	43.02	50.76	74.00	23.24	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	1989.7980	31.63	3.46	-36.75	47.11	45.45	74.00	28.55	Pass	H	Peak
2	3128.7129	33.25	4.63	-36.89	45.35	46.34	74.00	27.66	Pass	H	Peak
3	4804.0000	34.50	4.55	-36.15	42.49	45.39	74.00	28.61	Pass	H	Peak
4	6255.8506	35.85	5.36	-36.28	43.29	48.22	74.00	25.78	Pass	H	Peak
5	7206.0000	36.31	5.81	-36.43	40.69	46.38	74.00	27.62	Pass	H	Peak
6	9608.0000	37.64	6.63	-36.79	43.21	50.69	74.00	23.31	Pass	H	Peak
7	1915.3831	31.14	3.42	-36.79	48.49	46.26	74.00	27.74	Pass	V	Peak
8	3002.9253	33.20	4.92	-36.71	46.26	47.67	74.00	26.33	Pass	V	Peak
9	4804.0000	34.50	4.55	-36.15	41.88	44.78	74.00	29.22	Pass	V	Peak
10	5820.9571	35.51	5.02	-36.01	45.70	50.22	74.00	23.78	Pass	V	Peak
11	7206.0000	36.31	5.81	-36.43	41.60	47.29	74.00	26.71	Pass	V	Peak
12	9608.0000	37.64	6.63	-36.79	43.50	50.98	74.00	23.02	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	1791.7584	30.33	3.31	-36.81	51.48	48.31	74.00	25.69	Pass	H	Peak
2	3532.4032	33.43	4.46	-36.50	45.06	46.45	74.00	27.55	Pass	H	Peak
3	4882.0000	34.50	4.81	-36.10	42.29	45.50	74.00	28.50	Pass	H	Peak
4	5818.0318	35.51	5.02	-36.02	44.53	49.04	74.00	24.96	Pass	H	Peak
5	7323.0000	36.42	5.85	-36.41	42.54	48.40	74.00	25.60	Pass	H	Peak
6	9764.0000	37.71	6.71	-36.83	43.31	50.90	74.00	23.10	Pass	H	Peak
7	1596.5193	29.04	3.07	-37.00	53.06	48.17	74.00	25.83	Pass	V	Peak
8	4295.9046	34.21	4.41	-36.14	43.63	46.11	74.00	27.89	Pass	V	Peak
9	4882.0000	34.50	4.81	-36.10	40.62	43.83	74.00	30.17	Pass	V	Peak
10	5760.5011	35.42	4.95	-36.11	43.34	47.60	74.00	26.40	Pass	V	Peak
11	7323.0000	36.42	5.85	-36.41	40.58	46.44	74.00	27.56	Pass	V	Peak
12	9764.0000	37.71	6.71	-36.83	43.18	50.77	74.00	23.23	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	1794.9590	30.35	3.31	-36.81	51.90	48.75	74.00	25.25	Pass	H	Peak
2	3423.1923	33.37	4.50	-36.61	45.11	46.37	74.00	27.63	Pass	H	Peak
3	4960.0000	34.50	4.82	-36.20	40.57	43.69	74.00	30.31	Pass	H	Peak
4	6309.4809	35.86	5.46	-36.21	43.32	48.43	74.00	25.57	Pass	H	Peak
5	7440.0000	36.54	5.85	-36.34	41.93	47.98	74.00	26.02	Pass	H	Peak
6	9920.0000	37.77	6.79	-36.82	42.86	50.60	74.00	23.40	Pass	H	Peak
7	1594.1188	29.02	3.07	-37.00	52.49	47.58	74.00	26.42	Pass	V	Peak
8	3193.0693	33.28	4.64	-36.73	46.24	47.43	74.00	26.57	Pass	V	Peak
9	4960.0000	34.50	4.82	-36.20	41.66	44.78	74.00	29.22	Pass	V	Peak
10	5791.7042	35.47	4.97	-36.04	43.73	48.13	74.00	25.87	Pass	V	Peak
11	7440.0000	36.54	5.85	-36.34	42.10	48.15	74.00	25.85	Pass	V	Peak
12	9920.0000	37.77	6.79	-36.82	43.14	50.88	74.00	23.12	Pass	V	Peak

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, 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.: WCT1BR2701T



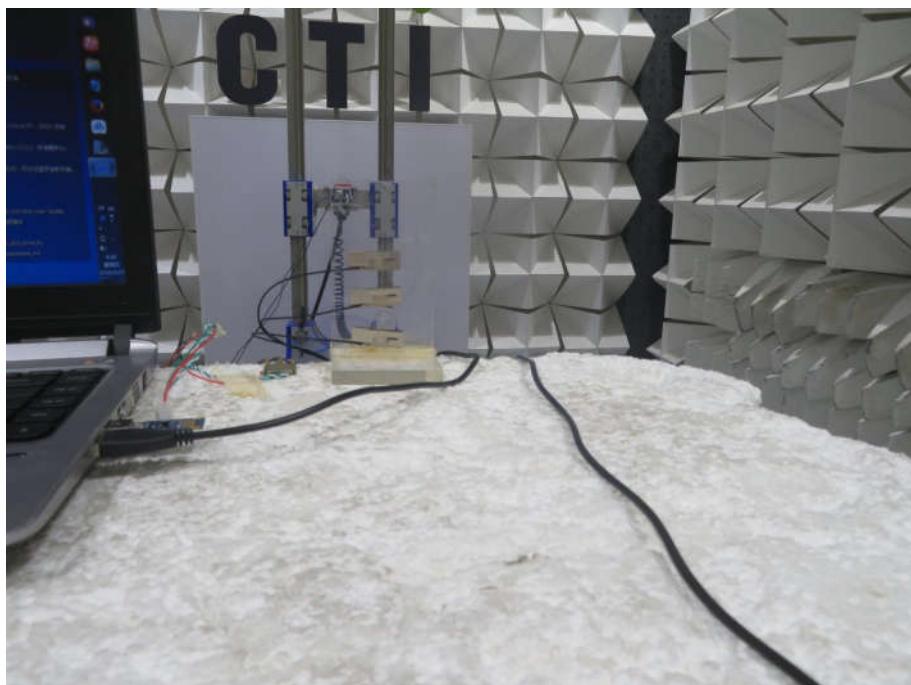
Radiated spurious emission Test Setup-1(Below 30MHz)



Radiated spurious emission Test Setup-2(30MHz-1GHz)



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



Radiated spurious emission Test Setup-4(Close-up)



Conducted Emissions Test Setup



PHOTOGRAPHS OF EUT Constructional Details

Refer to Report No. EED32K00249901 for EUT external and internal photos.

*** End of Report ***

The test report is effective only with both signature and specialized stamp, The result(s) shown in this report refer only to the sample(s) tested. Without written approval of CTI, this report can't be reproduced except in full.

