

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 38

1 RF Power Output

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2572.5	37775	5	1	0	22.42
				1	12	22.41
				1	24	22.40
				12	0	21.53
				12	6	21.56
				12	13	21.48
	25	0		21.48		
	2595	38000		1	0	22.25
				1	12	22.20
				1	24	22.05
				12	0	21.37
				12	6	21.33
				12	13	21.23
	2617.5	38225		25	0	21.24
				1	0	22.04
				1	12	22.00
				1	24	22.02
				12	0	21.09
12			6	21.05		
16QAM	2572.5	37775	12	13	21.10	
			25	0	21.02	
			1	0	21.50	
			1	12	21.38	
			1	24	21.48	
			12	0	20.51	
	12	6	20.47			
	2595	38000	12	13	20.46	
			25	0	20.54	
			1	0	21.25	
			1	12	21.36	
			1	24	21.30	
			12	0	20.29	
	2617.5	38225	12	6	20.22	
			12	13	20.12	
			25	0	20.34	
			1	0	21.24	
			1	12	21.20	
1			24	21.19		
12	0	20.39				
12	6	20.30				
12	13	20.23				
25	0	20.24				

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	2572.5	37775	5	1	0	20.48
				1	12	20.28
				1	24	20.40
				12	0	19.45
				12	6	19.41
				12	13	19.38
	2595	38000		25	0	19.45
				1	0	20.17
				1	12	20.31
				1	24	20.27
				12	0	19.24
				12	6	19.13
	2617.5	38225		12	13	19.03
				25	0	19.30
				1	0	20.19
				1	12	20.18
				1	24	20.16
				12	0	19.29
256QAM	2572.5	37775	12	6	19.24	
			12	13	19.15	
			25	0	19.17	
			1	0	17.48	
			1	12	17.32	
			1	24	17.45	
	2595	38000	12	0	17.48	
			12	6	17.42	
			12	13	17.41	
			25	0	17.5	
			1	0	17.19	
			1	12	17.31	
	2617.5	38225	1	24	17.27	
			12	0	17.24	
			12	6	17.16	
			12	13	17.08	
			25	0	17.29	
			1	0	17.15	
			1	12	17.12	
			1	24	17.17	
			12	0	17.35	
			12	6	17.26	
			12	13	17.19	
			25	0	17.19	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2575	37800	10	1	0	22.36
				1	24	22.42
				1	49	22.35
				25	0	21.47
				25	12	21.54
				25	25	21.44
	50	0		21.50		
	1	0		22.13		
	1	24		22.23		
	1	49		22.22		
	25	0		21.32		
	25	12		21.40		
	25	25		21.29		
	50	0		21.42		
	1	0		22.02		
	1	24		22.08		
	1	49		22.15		
	25	0		21.29		
25	12	21.29				
25	25	21.27				
50	0	21.23				
16QAM	2575	37800	1	0	21.57	
			1	24	21.65	
			1	49	21.53	
			25	0	20.61	
			25	12	20.52	
			25	25	20.55	
	50	0	20.57			
	1	0	21.43			
	1	24	21.50			
	1	49	21.44			
	25	0	20.54			
	25	12	20.61			
	25	25	20.50			
	50	0	20.50			
	1	0	21.31			
	1	24	21.59			
	1	49	21.27			
	25	0	20.39			
25	12	20.34				
25	25	20.14				
50	0	20.33				

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	2575	37800	10	1	0	20.48
				1	24	20.63
				1	49	20.51
				25	0	19.54
				25	12	19.44
				25	25	19.47
	2595	38000		50	0	19.50
				1	0	20.35
				1	24	20.42
				1	49	20.35
				25	0	19.51
				25	12	19.56
	2615	38200		25	25	19.44
				50	0	19.46
				1	0	20.23
				1	24	20.52
				1	49	20.18
				25	0	19.37
256QAM	2575	37800	25	12	19.25	
			25	25	19.08	
			50	0	19.30	
			1	0	17.53	
			1	24	17.56	
			1	49	17.51	
	2595	38000	25	0	17.58	
			25	12	17.45	
			25	25	17.53	
			50	0	17.55	
			1	0	17.38	
			1	24	17.46	
	2615	38200	1	49	17.35	
			25	0	17.51	
			25	12	17.57	
			25	25	17.41	
			50	0	17.46	
			1	0	17.22	
			1	24	17.56	
			1	49	17.22	
			25	0	17.32	
			25	12	17.25	
			25	25	17.08	
			50	0	17.26	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2577.5	37825	15	1	0	22.55
				1	38	22.39
				1	74	22.48
				36	0	21.61
				36	18	21.51
				36	37	21.41
	2595	38000		75	0	21.47
				1	0	22.24
				1	38	22.30
				1	74	22.23
				36	0	21.33
				36	18	21.48
	2612.5	38175		36	37	21.30
				75	0	21.46
				1	0	22.25
				1	38	22.03
				1	74	22.11
				36	0	21.21
16QAM	2577.5	37825	36	18	21.28	
			36	37	21.27	
			75	0	21.25	
			1	0	21.70	
			1	38	21.62	
			1	74	21.60	
	2595	38000	36	0	20.64	
			36	18	20.50	
			36	37	20.51	
			75	0	20.60	
			1	0	21.57	
			1	38	21.56	
	2612.5	38175	1	74	21.37	
			36	0	20.43	
			36	18	20.40	
			36	37	20.33	
			75	0	20.43	
			1	0	21.30	
			1	38	21.38	
			1	74	21.33	
			36	0	20.14	
			36	18	20.28	
			36	37	20.22	
			75	0	20.26	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	2577.5	37825	15	1	0	20.67
				1	38	20.58
				1	74	20.57
				36	0	19.54
				36	18	19.46
				36	37	19.47
	2595	38000		75	0	19.55
				1	0	20.53
				1	38	20.54
				1	74	20.31
				36	0	19.40
				36	18	19.37
	2612.5	38175		36	37	19.24
				75	0	19.37
				1	0	20.27
				1	38	20.30
				1	74	20.31
				36	0	19.06
256QAM	2577.5	37825	36	18	19.22	
			36	37	19.15	
			75	0	19.21	
			1	0	17.61	
			1	38	17.57	
			1	74	17.51	
	2595	38000	36	0	17.62	
			36	18	17.48	
			36	37	17.43	
			75	0	17.50	
			1	0	17.53	
			1	38	17.49	
	2612.5	38175	1	74	17.33	
			36	0	17.33	
			36	18	17.33	
			36	37	17.28	
			75	0	17.38	
			1	0	17.25	
			1	38	17.36	
			1	74	17.27	
			36	0	17.12	
			36	18	17.20	
			36	37	17.15	
			75	0	17.20	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2580	37850	20	1	0	21.47
				1	49	21.45
				1	99	21.46
				50	0	21.53
				50	25	22.04
				50	50	22.01
	2595	38000		100	0	22.34
				1	0	21.50
				1	49	21.19
				1	99	21.02
				50	0	21.18
				50	25	22.05
	2610	38150		50	50	22.01
				100	0	22.10
				1	0	21.01
				1	49	21.15
				1	99	21.16
				50	0	21.00
16QAM	2580	37850	50	25	21.72	
			50	50	21.60	
			100	0	21.64	
			1	0	20.66	
			1	49	20.52	
			1	99	20.16	
	2595	38000	50	0	20.18	
			50	25	21.27	
			50	50	21.08	
			100	0	21.18	
			1	0	20.20	
			1	49	20.18	
	2610	38150	1	99	20.10	
			50	0	20.19	
			50	25	21.14	
			50	50	21.07	
			100	0	21.07	
			1	0	20.01	
			1	49	20.10	
			1	99	20.01	
			50	0	20.10	
			50	25	20.68	
			50	50	20.58	
			100	0	20.54	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	2580	37850	20	1	0	19.61
				1	49	19.44
				1	99	19.12
				50	0	19.11
				50	25	20.19
				50	50	20.01
	2595	38000		100	0	20.13
				1	0	19.17
				1	49	19.16
				1	99	19.08
				50	0	19.10
				50	25	20.07
	2610	38150		50	50	20.04
				100	0	20.08
				1	0	19.04
				1	49	19.01
				1	99	19.06
				50	0	19.01
256QAM	2580	37850	50	25	17.69	
			50	50	17.5	
			100	0	17.58	
			1	0	17.64	
			1	49	17.42	
			1	99	17.12	
	2595	38000	50	0	17.11	
			50	25	17.18	
			50	50	17	
			100	0	17.08	
			1	0	17.14	
			1	49	17.09	
	2610	38150	1	99	17.04	
			50	0	17.12	
			50	25	17.09	
			50	50	17.05	
			100	0	17.04	
			1	0	17.04	
			1	49	17.07	
			1	99	17.04	
			50	0	17.08	
			50	25	21.47	
			50	50	21.45	
			100	0	21.46	

Test on the worst case:

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)
Band38	15MHz	QPSK	37825	1RB#0	22.4
				1RB#38	22.17
				1RB#74	22.28

2 Occupied Bandwidth

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)							
						QPSK		16-QAM		64-QAM		256-QAM	
38	2572.5	37775	5	25	0	4.476	Fig.1	4.466	Fig.4	4.466	Fig.7	4.466	Fig.10
	2595	38000		25	0	4.476	Fig.2	4.466	Fig.5	4.466	Fig.8	4.466	Fig.11
	2617.5	38225		25	0	4.476	Fig.3	4.466	Fig.6	4.476	Fig.9	4.466	Fig.12
	2575	37800	10	50	0	8.931	Fig.13	8.931	Fig.16	8.931	Fig.19	8.931	Fig.22
	2595	38000		50	0	8.931	Fig.14	8.931	Fig.17	8.931	Fig.20	8.931	Fig.23
	2615	38200		50	0	8.951	Fig.15	8.931	Fig.18	8.931	Fig.21	8.951	Fig.24
	2577.5	37825	15	75	0	13.546	Fig.25	13.457	Fig.28	13.457	Fig.31	13.487	Fig.34
	2595	38000		75	0	13.516	Fig.26	13.487	Fig.29	13.457	Fig.32	13.487	Fig.35
	2612.5	38175		75	0	13.516	Fig.27	13.487	Fig.30	13.487	Fig.33	13.487	Fig.36
	2580	37850	20	100	0	17.942	Fig.37	17.902	Fig.40	17.902	Fig.43	17.862	Fig.46
	2595	38000		100	0	17.942	Fig.38	17.902	Fig.41	17.942	Fig.44	17.902	Fig.47
	2610	38150		100	0	17.942	Fig.39	17.902	Fig.42	17.902	Fig.45	17.902	Fig.48

3 Emission Bandwidth

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)							
						QPSK		16-QAM		64-QAM		256-QAM	
38	2572.5	37775	5	25	0	4.950	Fig.1	5.040	Fig.4	4.960	Fig.7	4.880	Fig.10
	2595	38000		25	0	4.980	Fig.2	4.850	Fig.5	4.990	Fig.8	4.880	Fig.11
	2617.5	38225		25	0	4.960	Fig.3	4.860	Fig.6	4.950	Fig.9	4.910	Fig.12
	2575	37800	10	50	0	9.720	Fig.13	9.640	Fig.16	9.680	Fig.19	9.740	Fig.22
	2595	38000		50	0	9.660	Fig.14	9.640	Fig.17	9.660	Fig.20	9.660	Fig.23
	2615	38200		50	0	9.680	Fig.15	9.620	Fig.18	9.640	Fig.21	9.680	Fig.24
	2577.5	37825	15	75	0	16.170	Fig.25	15.540	Fig.28	15.540	Fig.31	14.820	Fig.34
	2595	38000		75	0	16.350	Fig.26	15.300	Fig.29	15.480	Fig.32	14.970	Fig.35
	2612.5	38175		75	0	16.200	Fig.27	14.970	Fig.30	15.540	Fig.33	14.880	Fig.36
	2580	37850	20	100	0	19.800	Fig.37	20.440	Fig.40	19.520	Fig.43	19.360	Fig.46
	2595	38000		100	0	19.840	Fig.38	20.240	Fig.41	19.600	Fig.44	19.360	Fig.47
	2610	38150		100	0	19.880	Fig.39	19.920	Fig.42	19.600	Fig.45	19.360	Fig.48

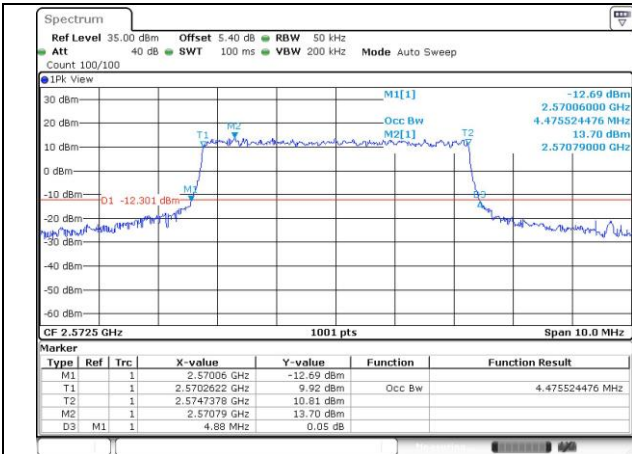


Fig.1

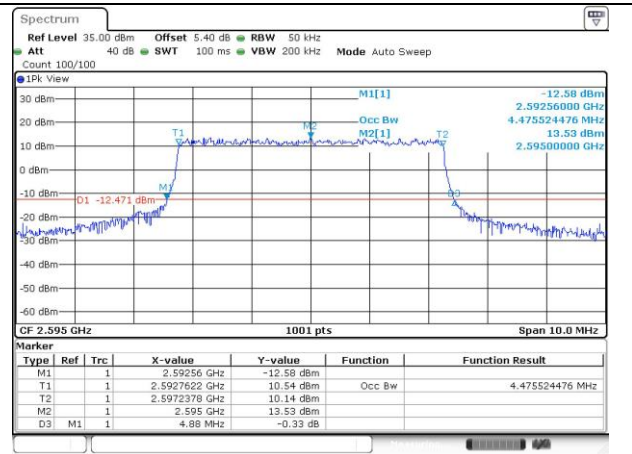


Fig.2

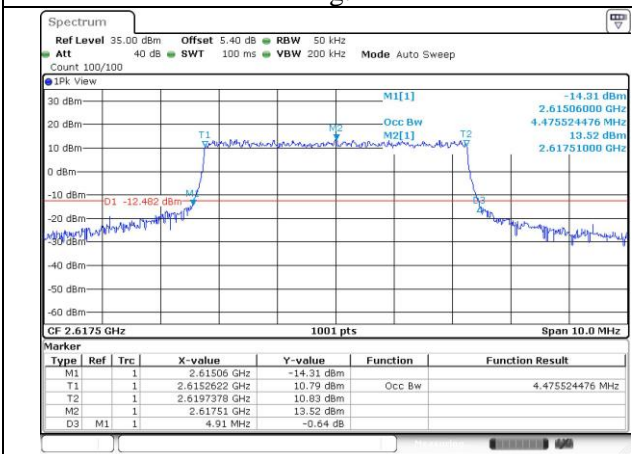


Fig.3

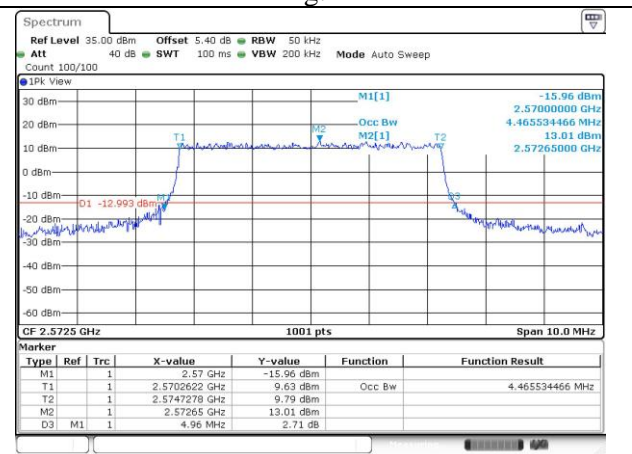


Fig.4

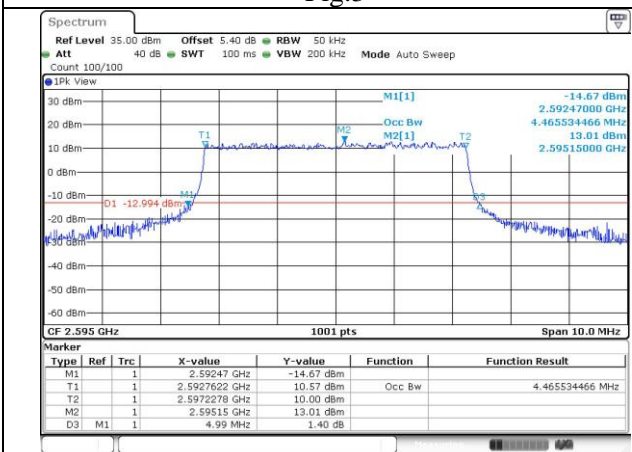


Fig.5

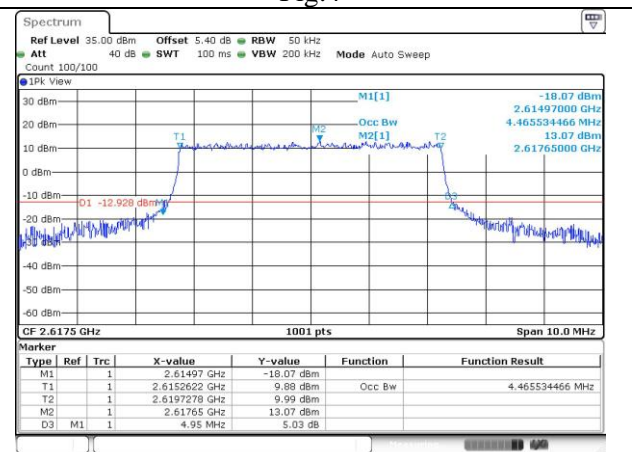


Fig.6

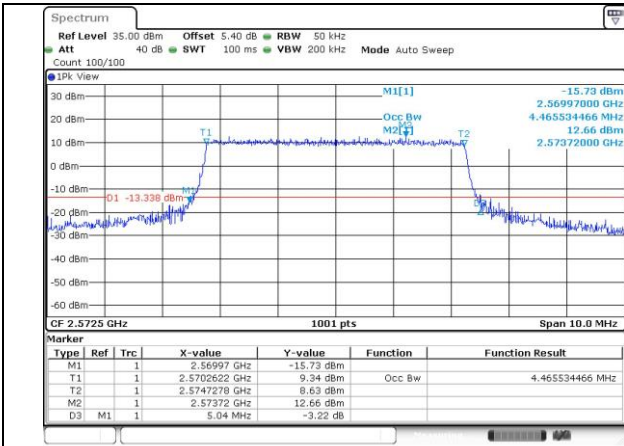


Fig.7

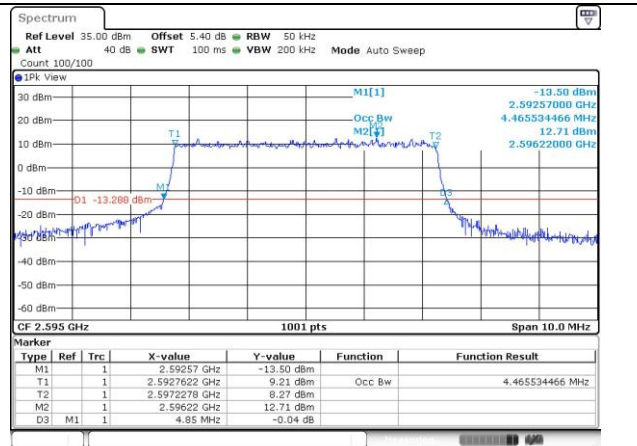


Fig.8

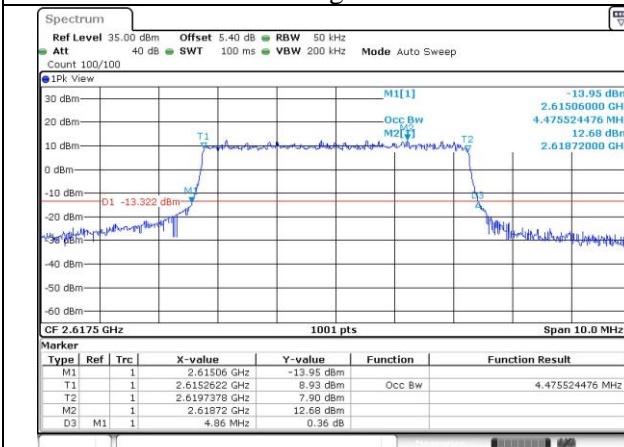


Fig.9

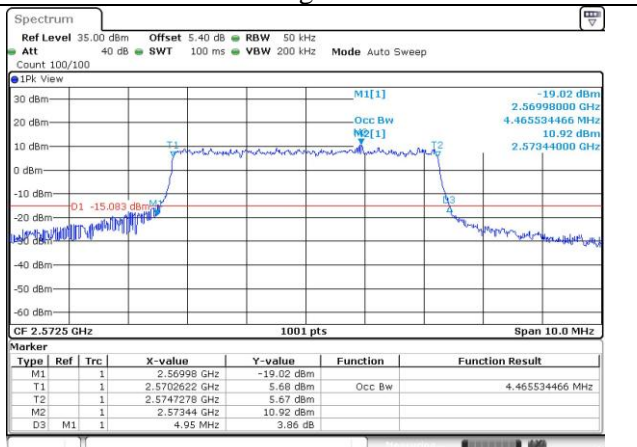


Fig.10

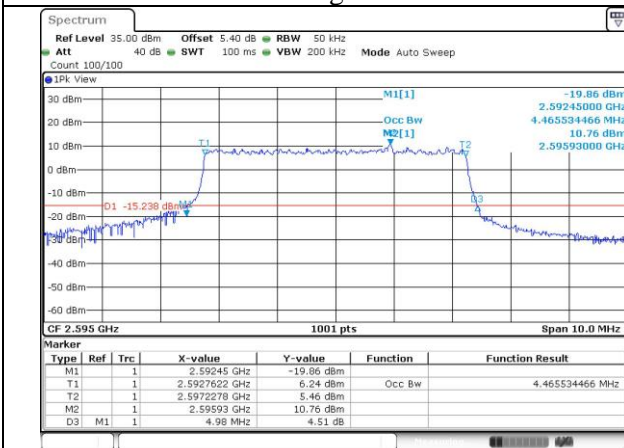


Fig.11

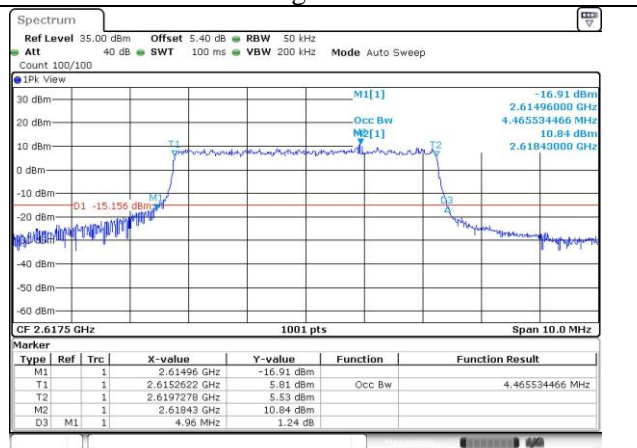


Fig.12

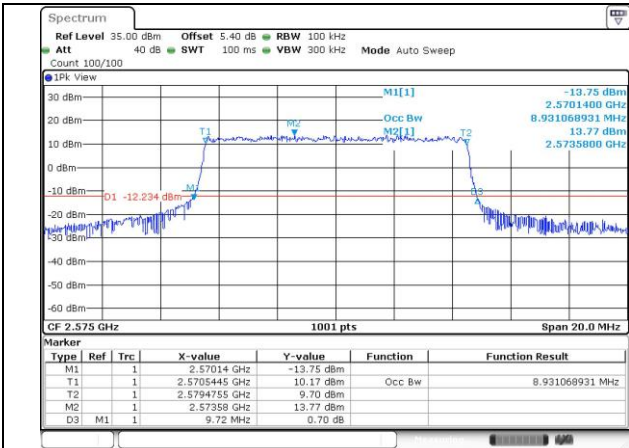


Fig.13

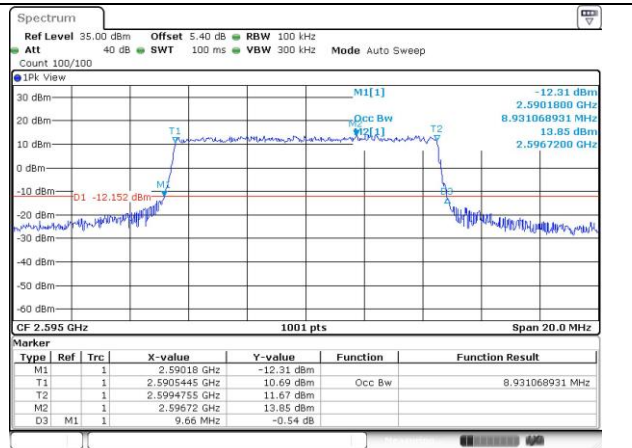


Fig.14

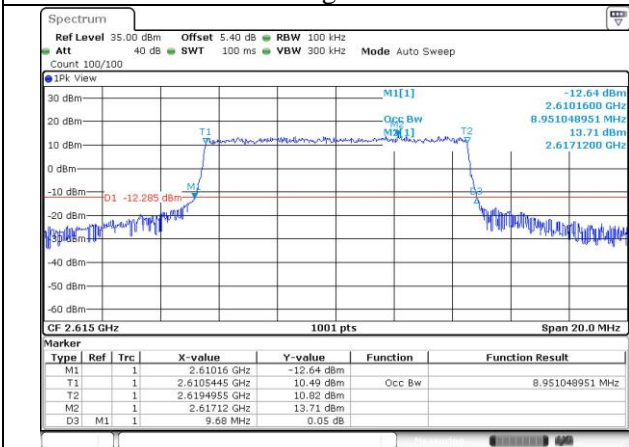


Fig.15

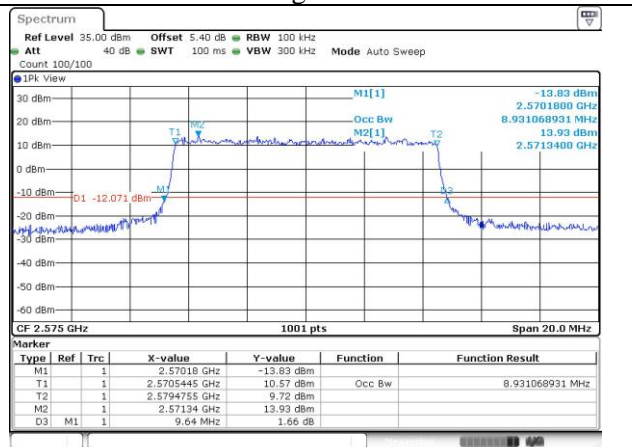


Fig.16

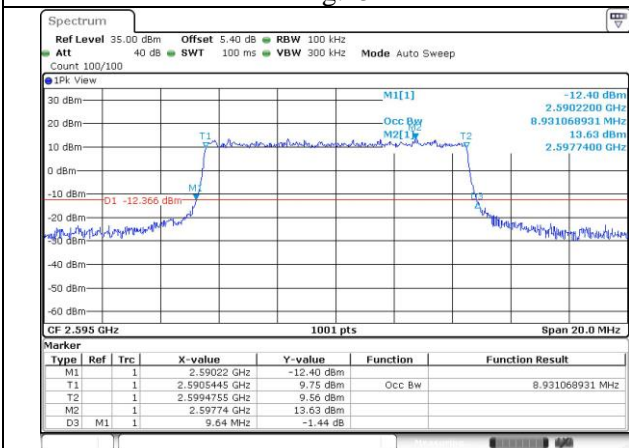


Fig.17

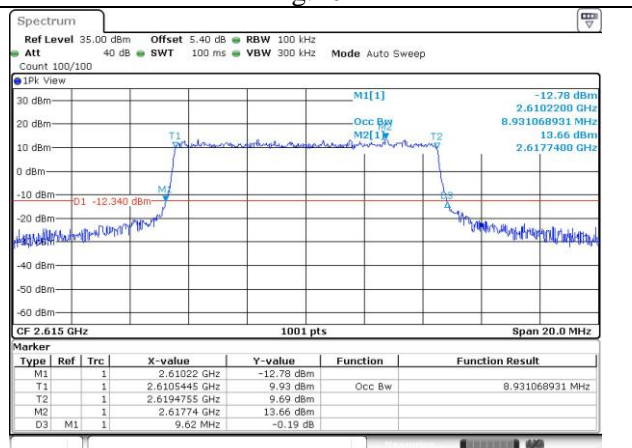


Fig.18

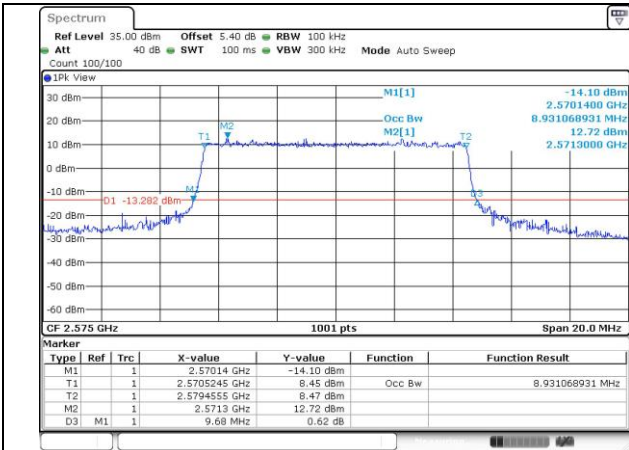


Fig.19

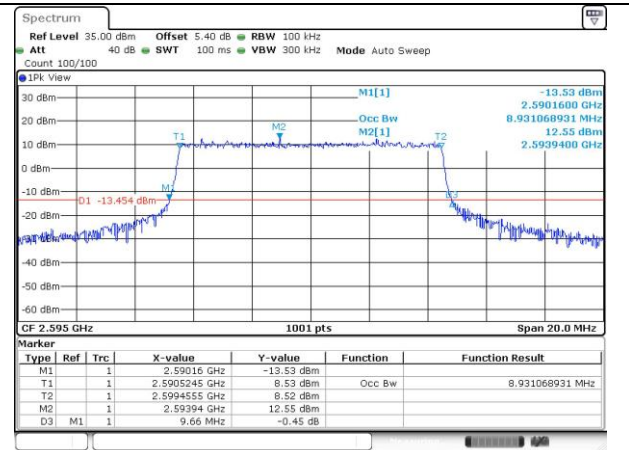


Fig.20

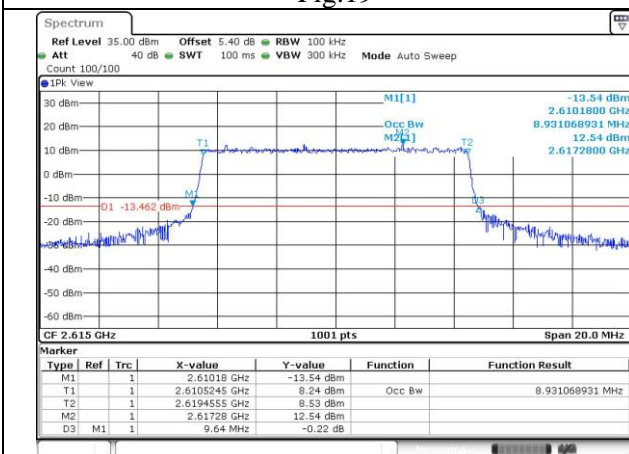


Fig.21

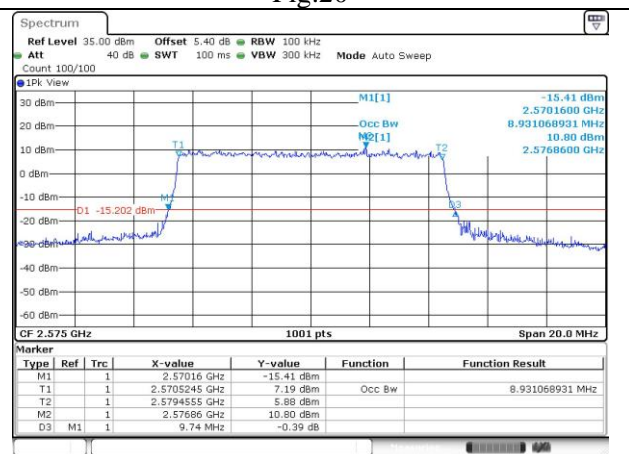


Fig.22

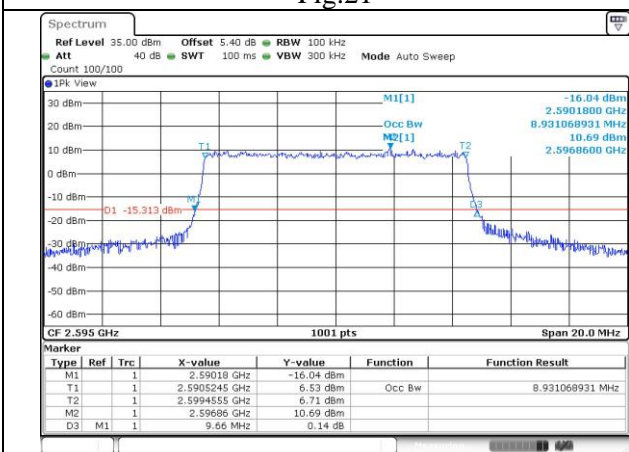


Fig.23

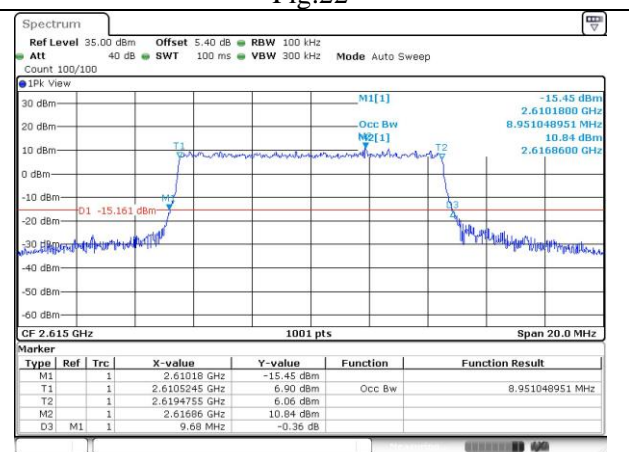


Fig.24

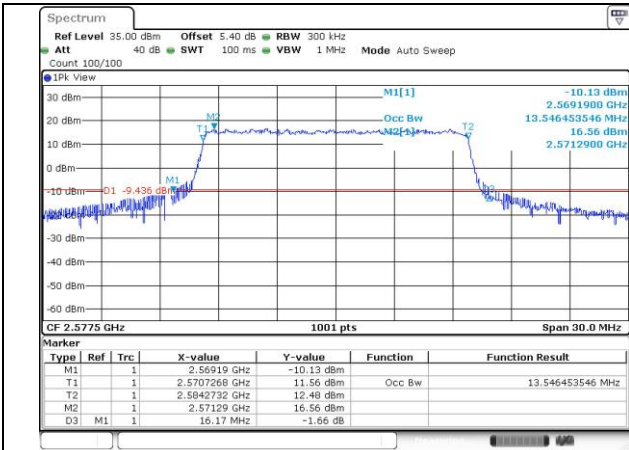


Fig.25

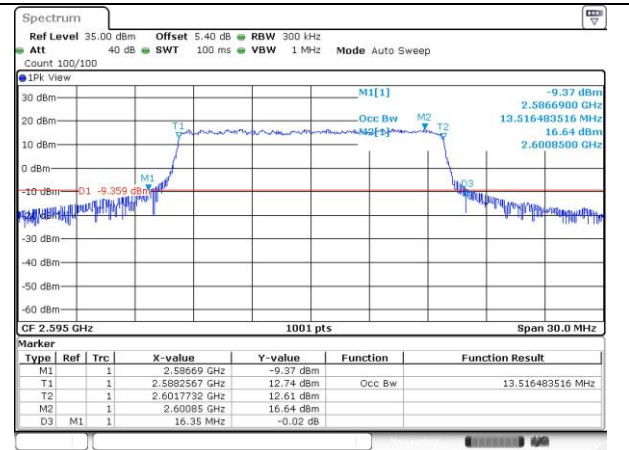


Fig.26

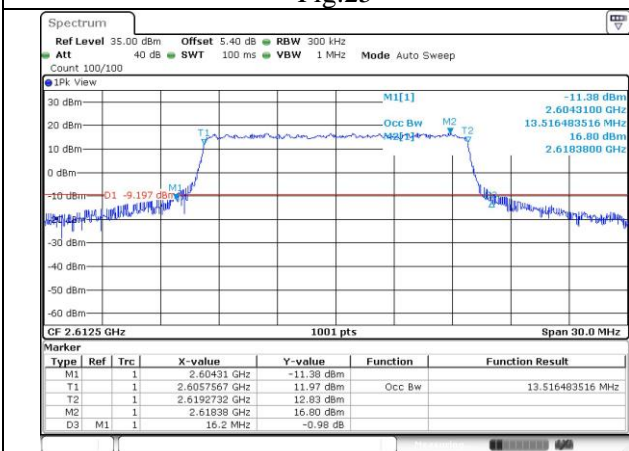


Fig.27

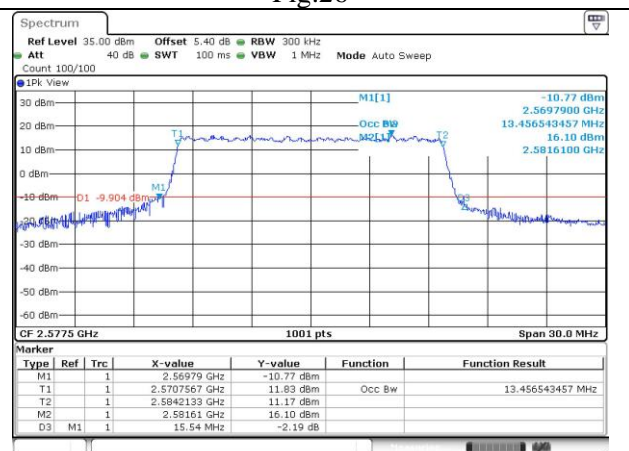


Fig.28

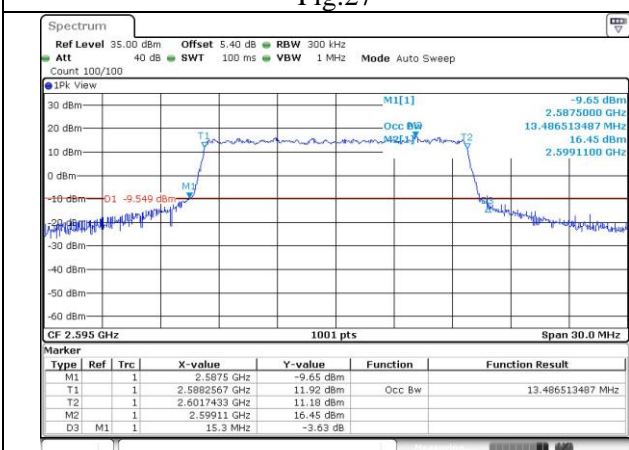


Fig.29

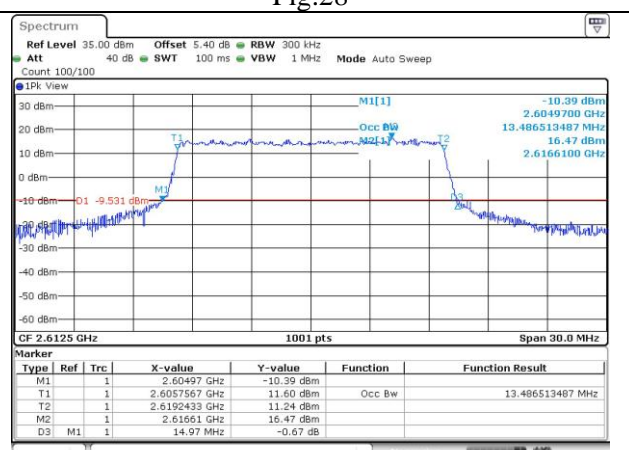


Fig.30

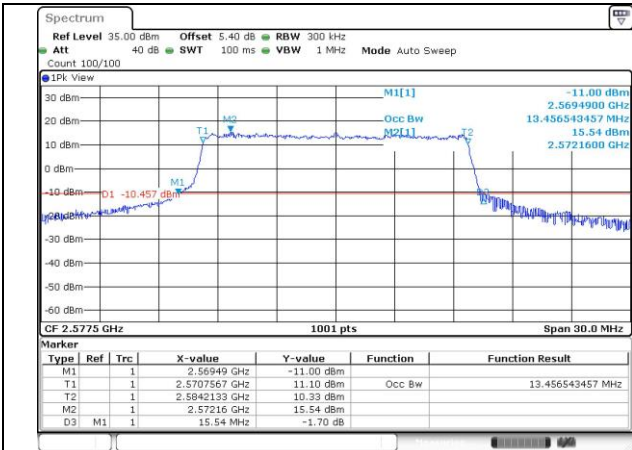


Fig.31

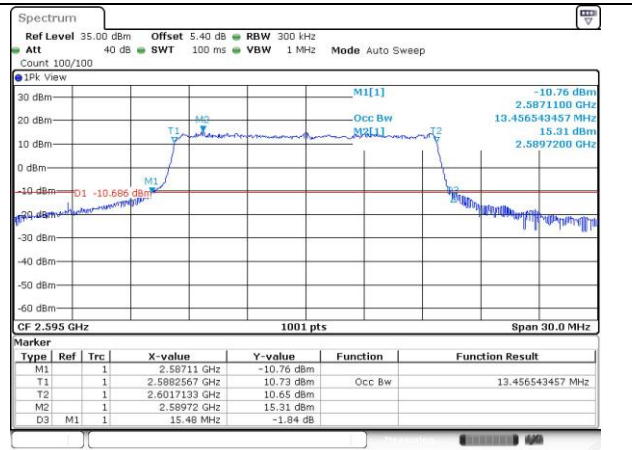


Fig.32

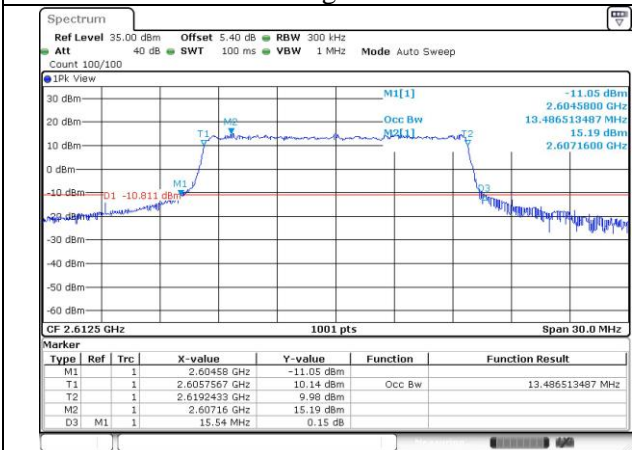


Fig.33

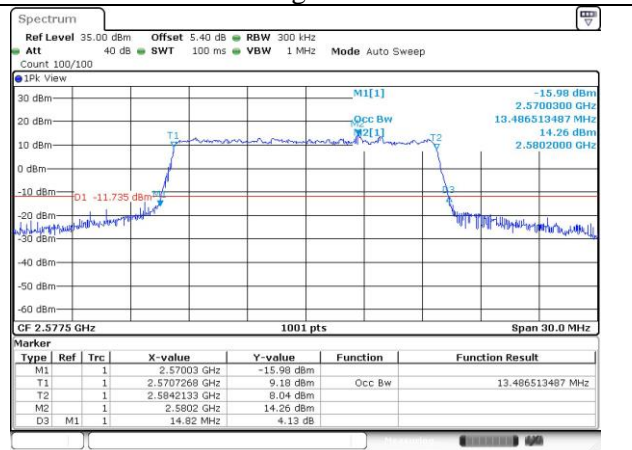


Fig.34

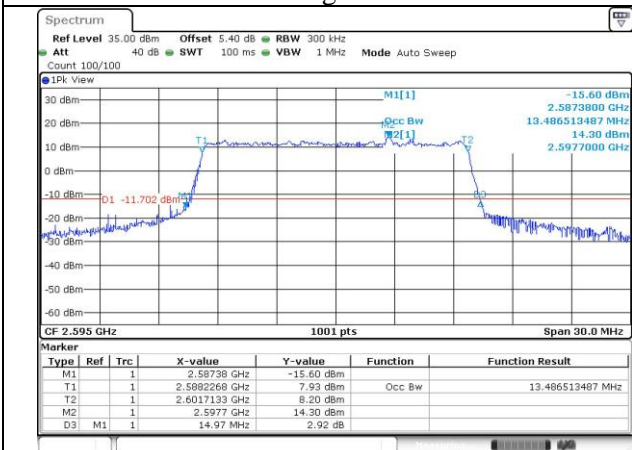


Fig.35

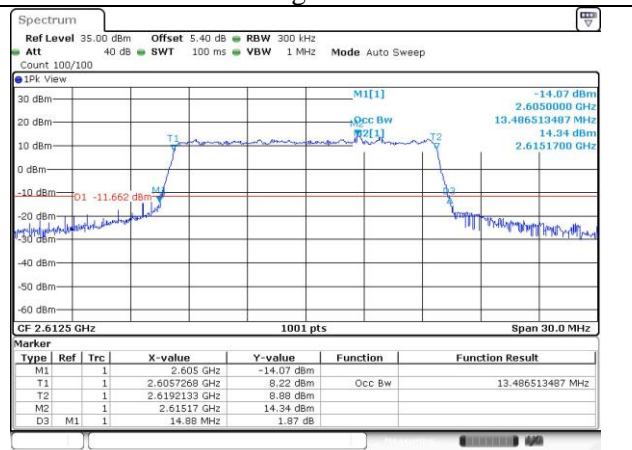


Fig.36

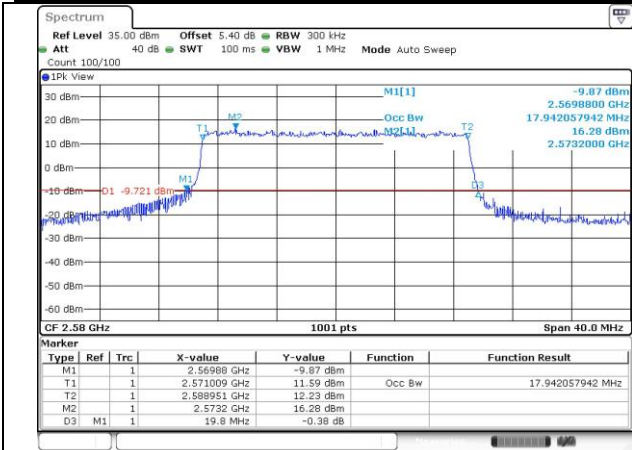


Fig.37

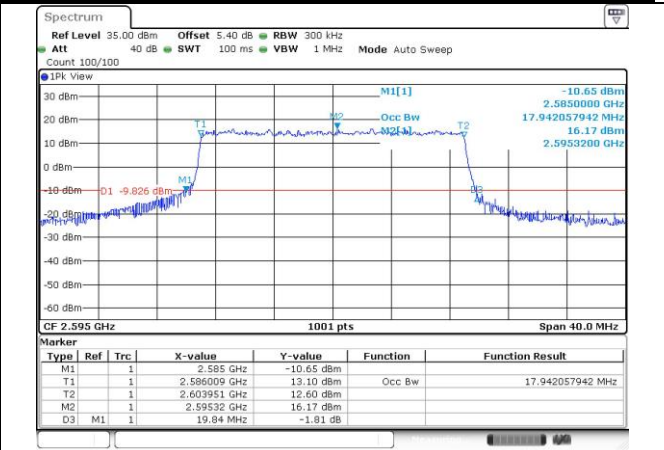


Fig.38

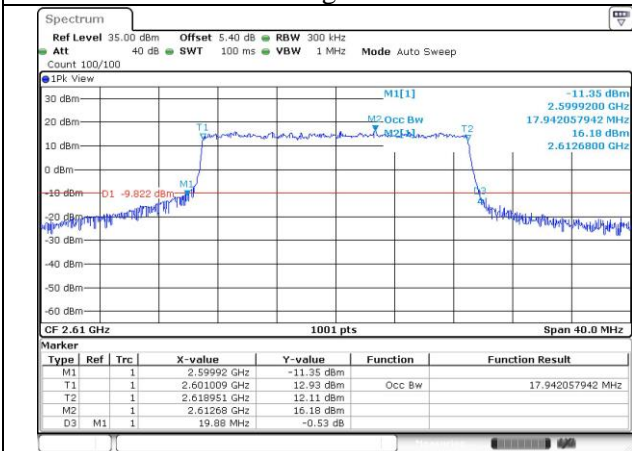


Fig.39

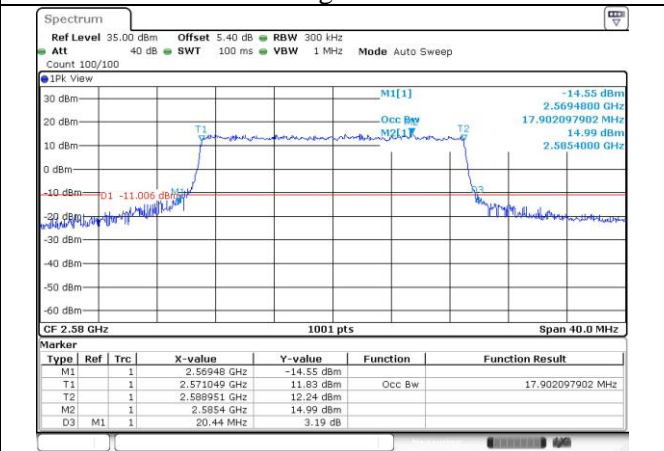


Fig.40

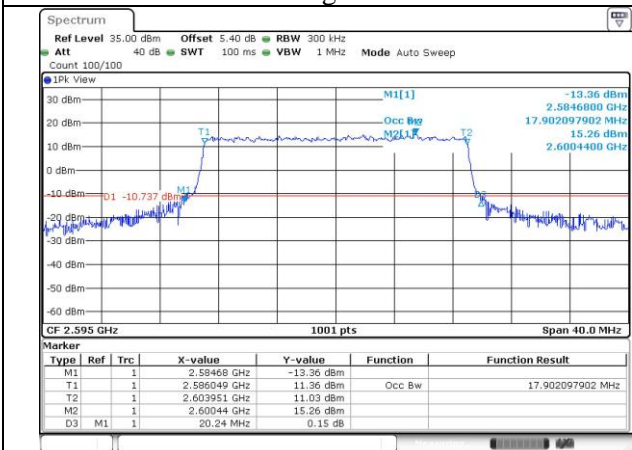


Fig.41

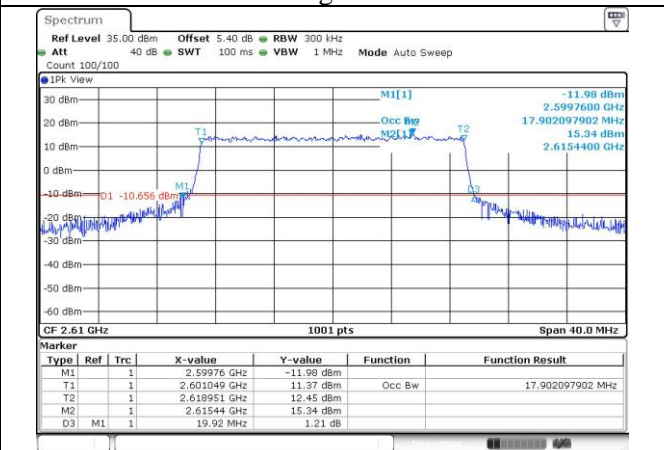


Fig.42

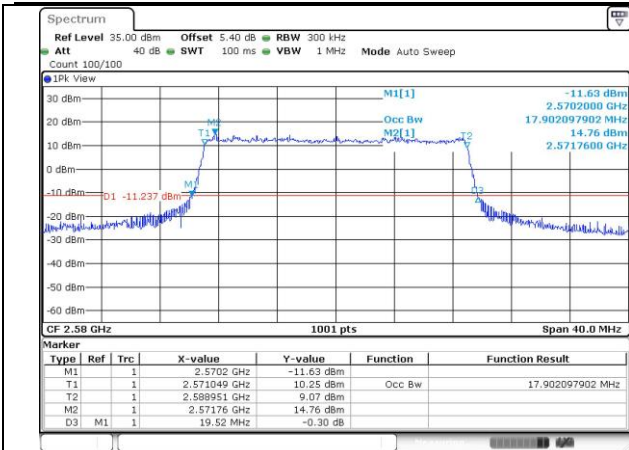


Fig.43

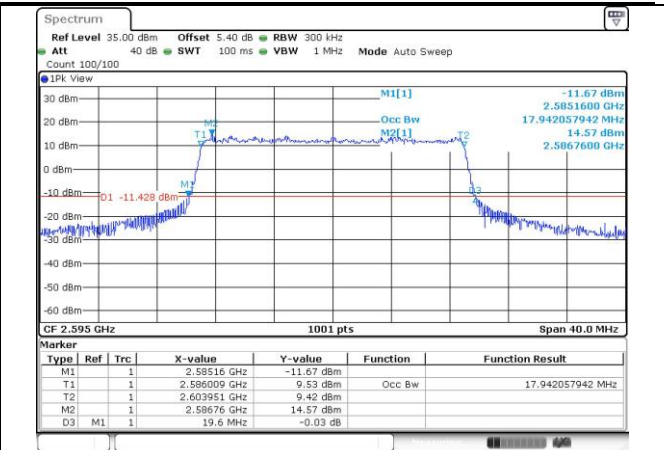


Fig.44

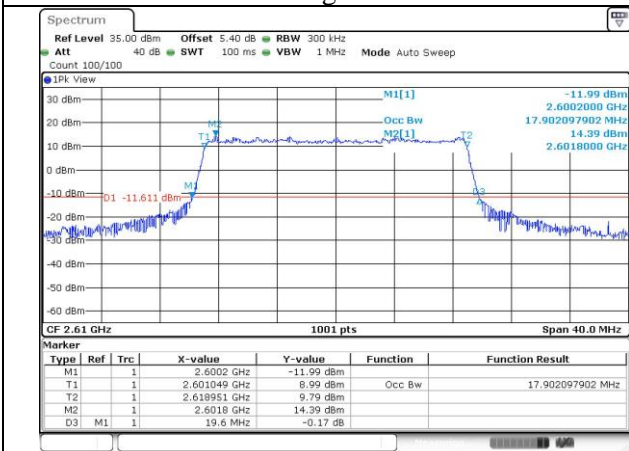


Fig.45

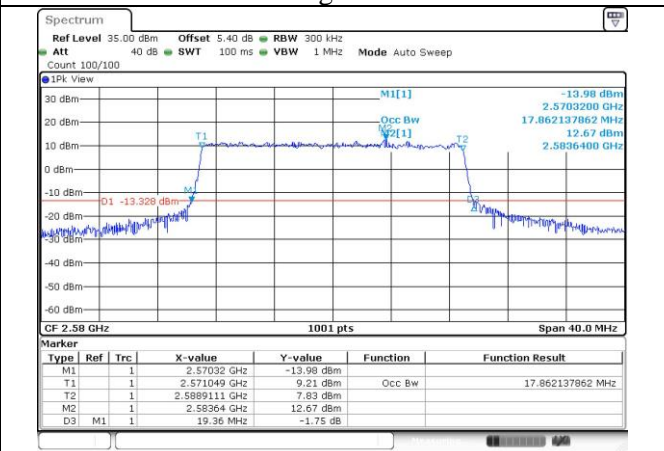


Fig.46

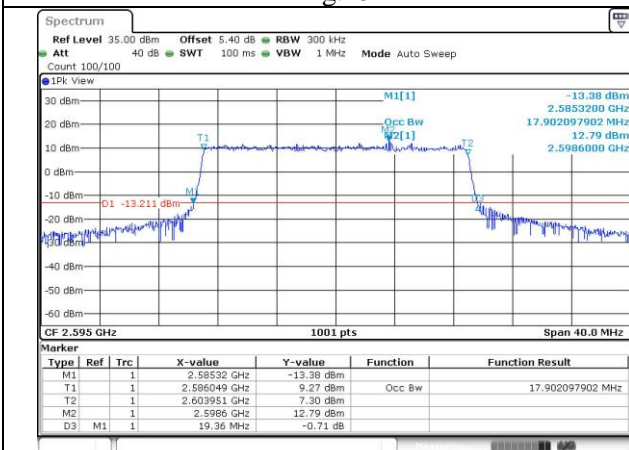


Fig.47

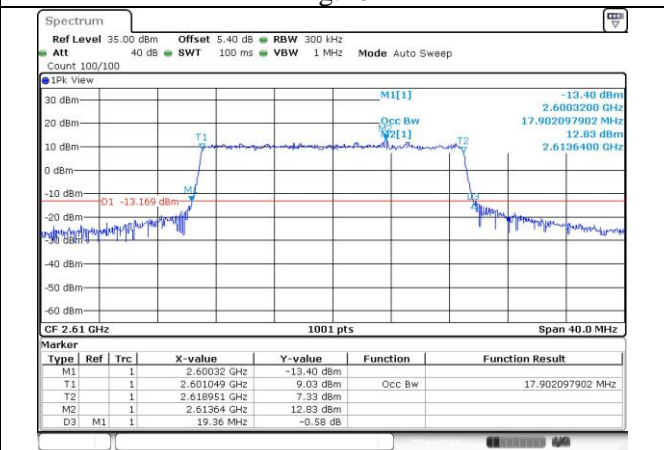


Fig.48

4 Peak-Average Ratio

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	QPSK	16-QAM	64-QAM	256-QAM
38	2580	37850	20	100	0	Fig.1	Fig.4	Fig.7	Fig.10
	2595	38000		100	0	Fig.2	Fig.5	Fig.8	Fig.11
	2610	38150		100	0	Fig.3	Fig.6	Fig.9	Fig.12



Fig.1

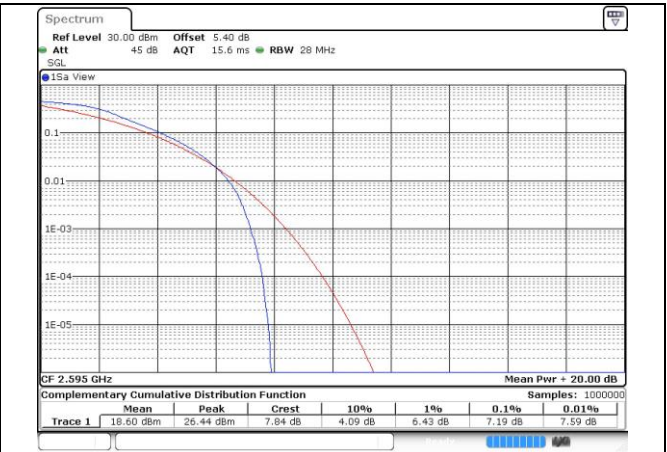


Fig.2

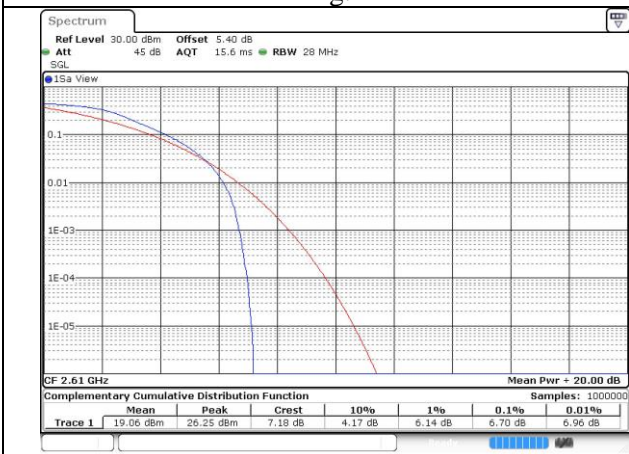


Fig.3

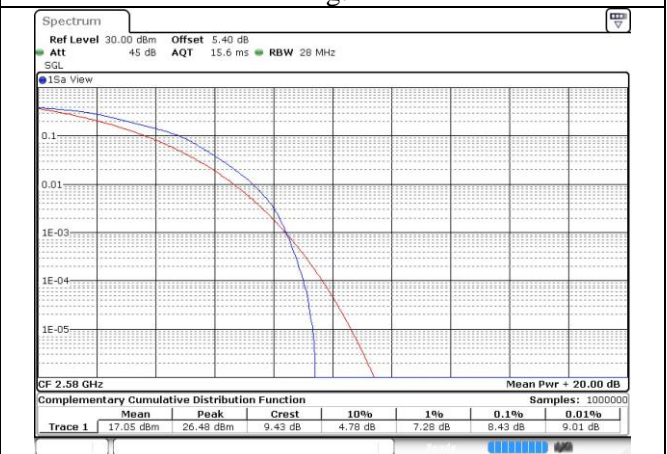


Fig.4



Fig.5

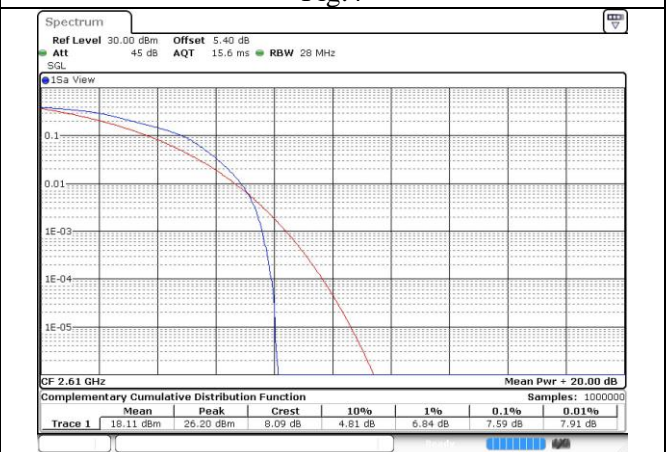


Fig.6



Fig.7

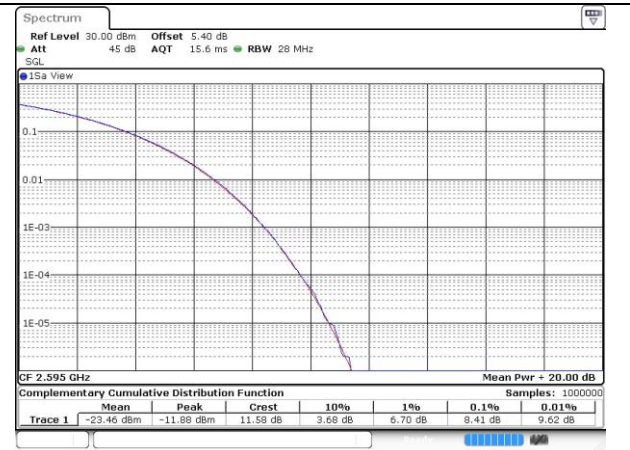


Fig.8

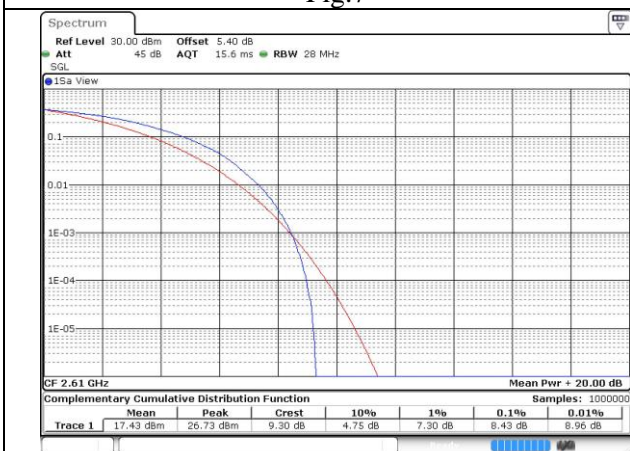


Fig.9

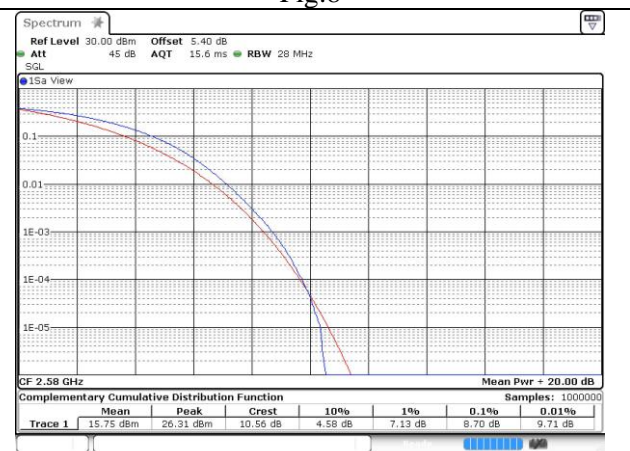


Fig.10

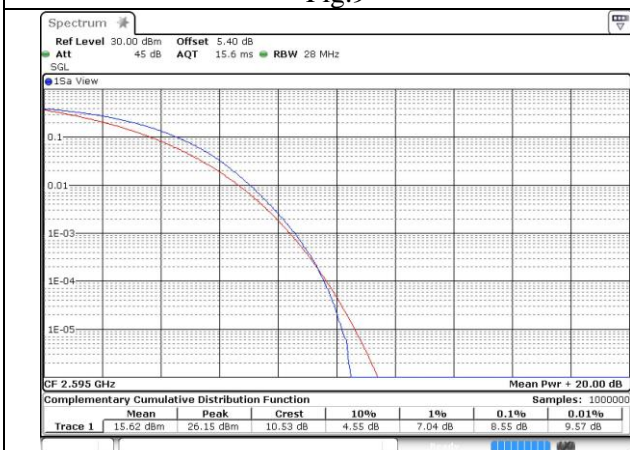


Fig.11

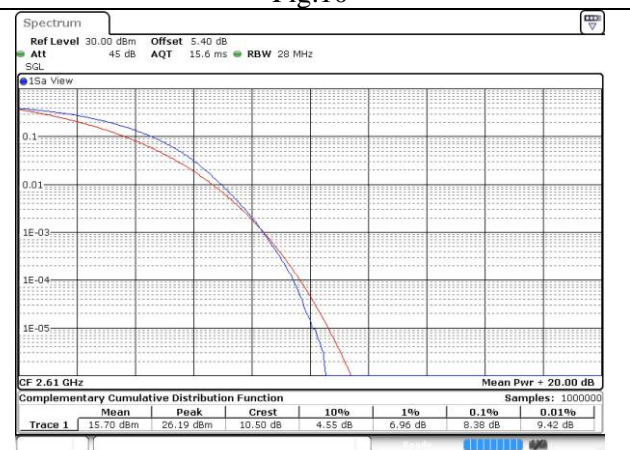


Fig.12

5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
38	2580	37850	20	1	0	Fig.1
	2595	38000		1	0	Fig.2
	2610	38150		1	0	Fig.3

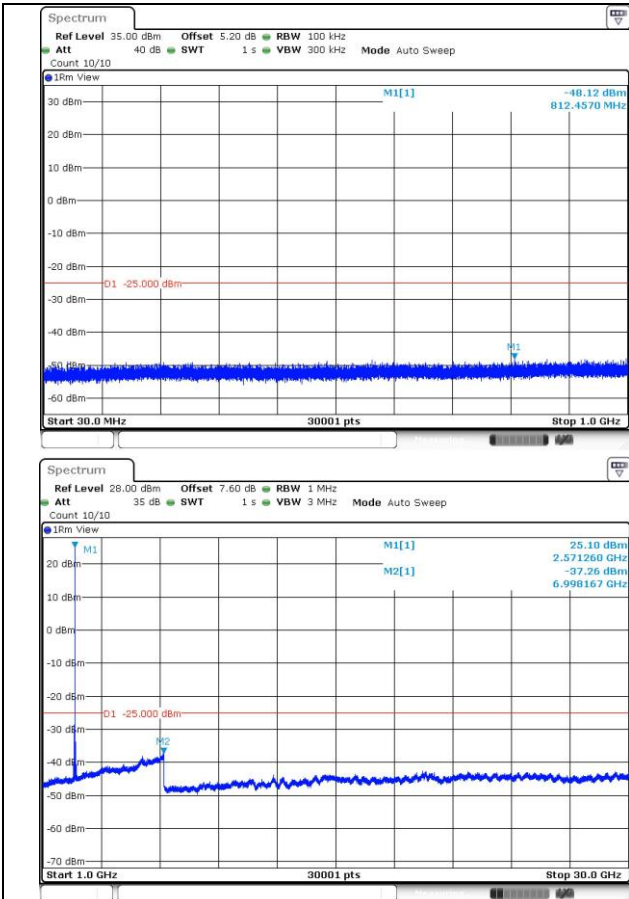


Fig.1

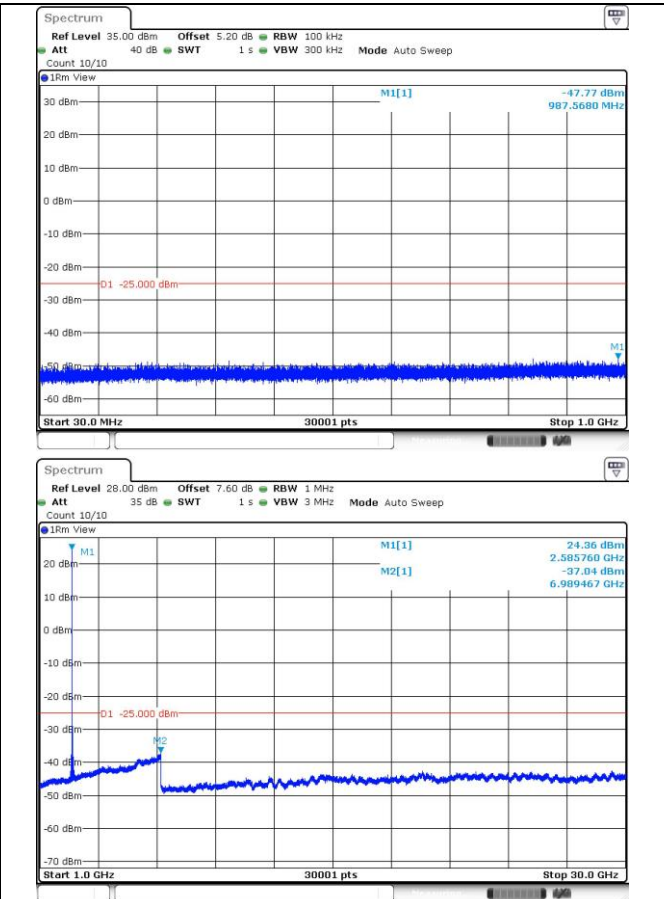
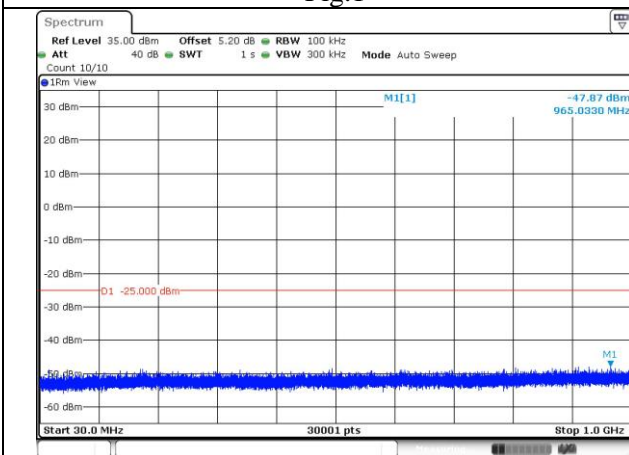


Fig.2



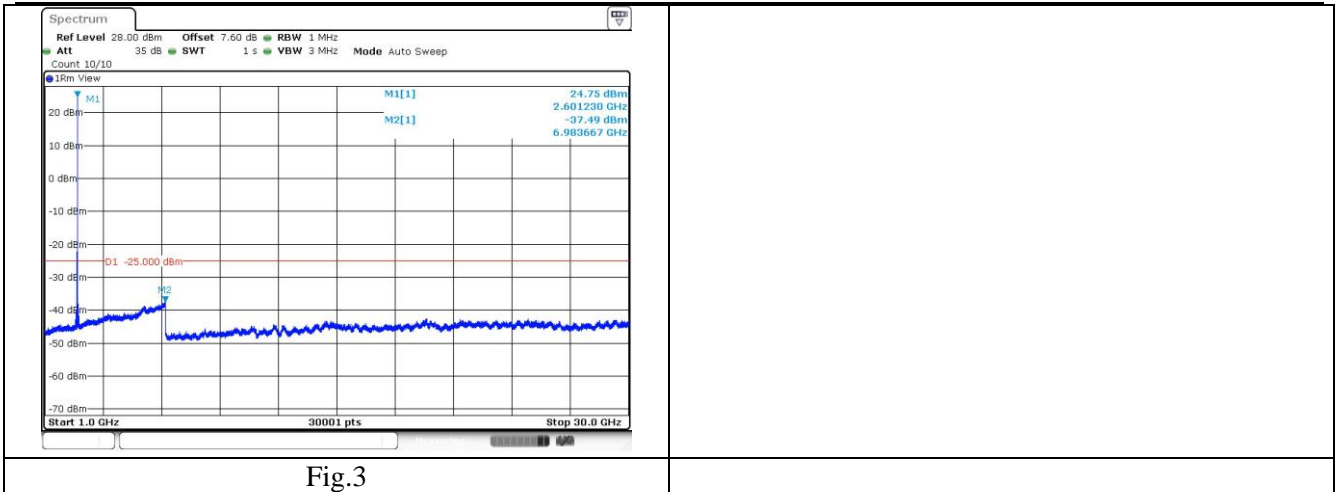


Fig.3

6 Band Edges Compliance

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot			
						QPSK			
38	2572.5	37775	5	1	0	Fig.1			
				25	0	Fig.2			
	2617.5	38225		1	24	Fig.3			
				25	0	Fig.4			
	2575	37800	10	1	0	Fig.5			
				50	0	Fig.6			
				2615	38200	1	49	Fig.7	
						50	0	Fig.8	
	2577.5	37825		15	1	0	Fig.9		
					75	0	Fig.10		
					2612.5	38175	1	74	Fig.11
							75	0	Fig.12
	2580	37850	20		1	0	Fig.13		
					100	0	Fig.14		
					2610	38150	1	99	Fig.15
							100	0	Fig.16

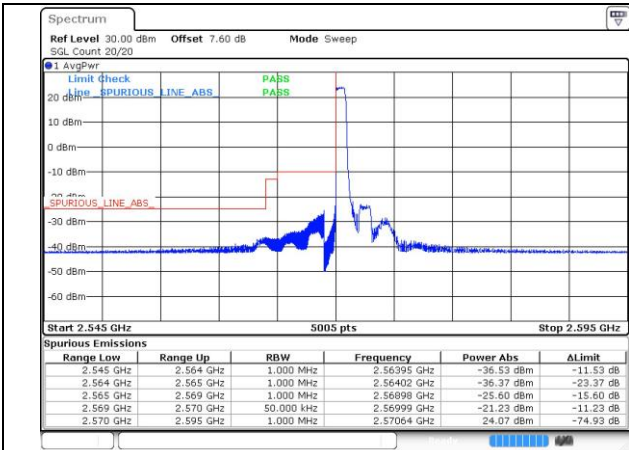


Fig.1

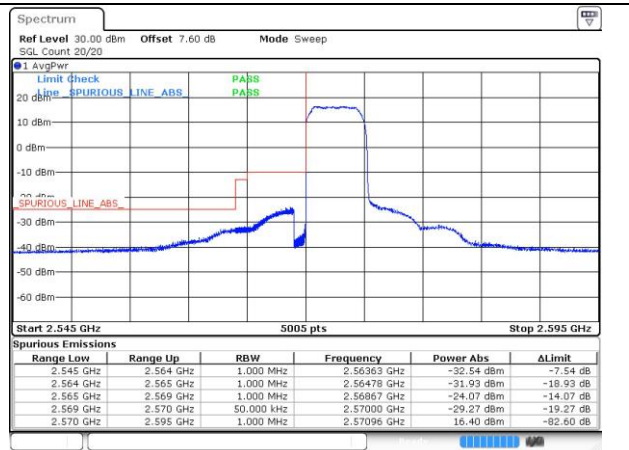


Fig.2

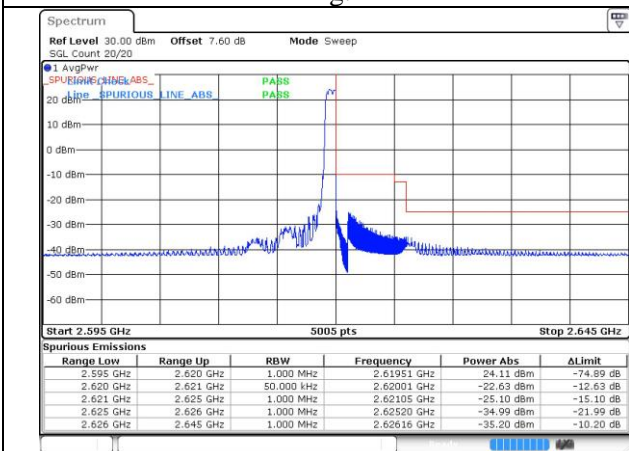


Fig.3

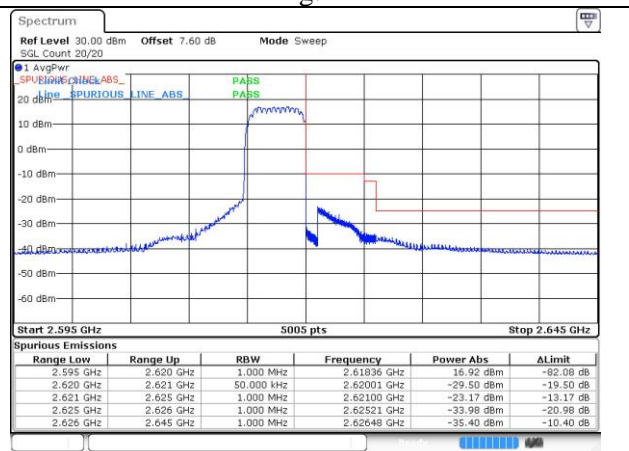


Fig.4

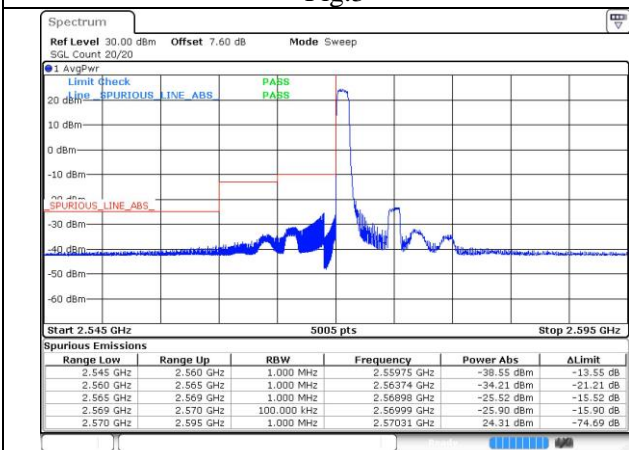


Fig.5

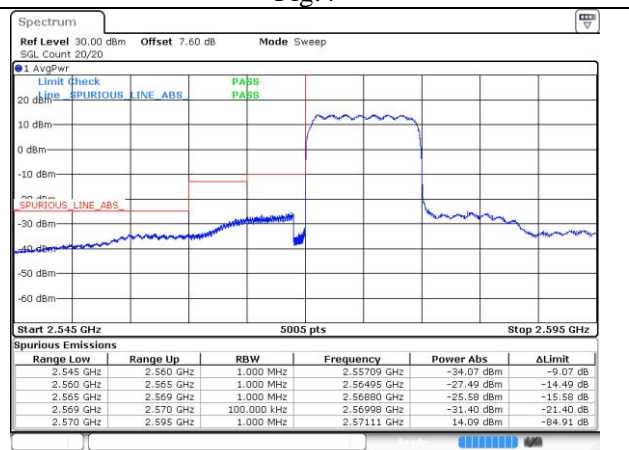


Fig.6

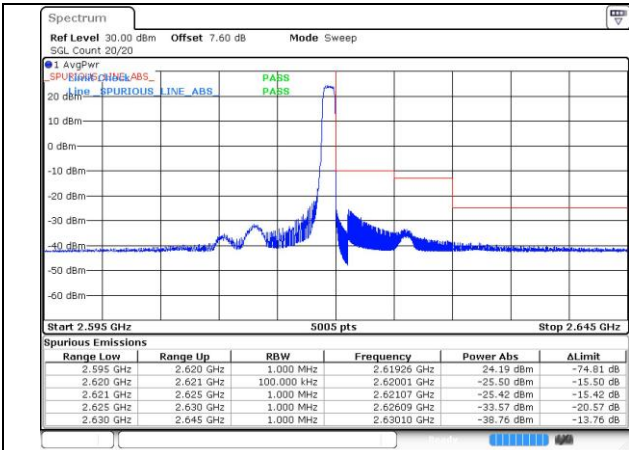


Fig.7

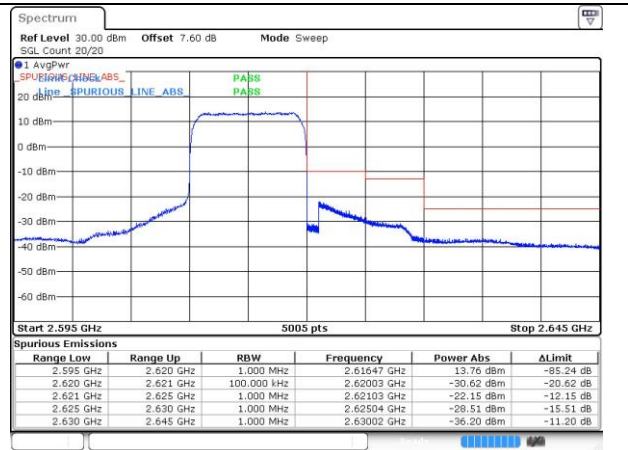


Fig.8

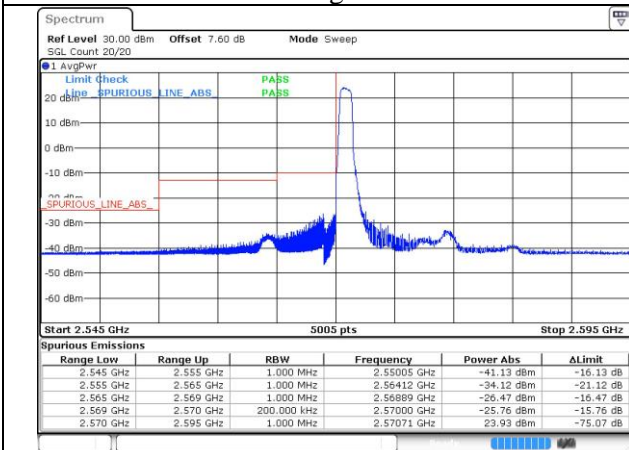


Fig.9

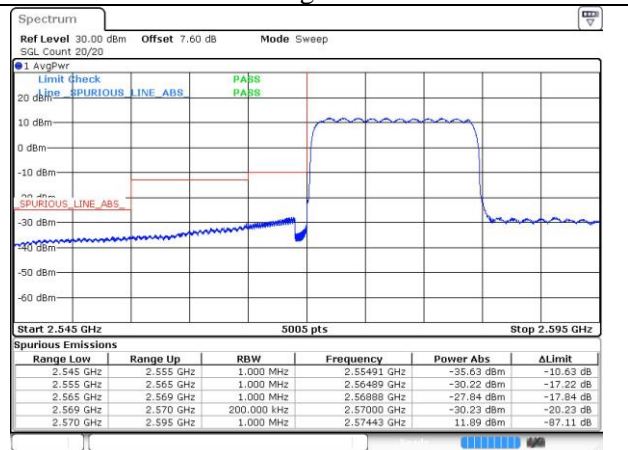


Fig.10

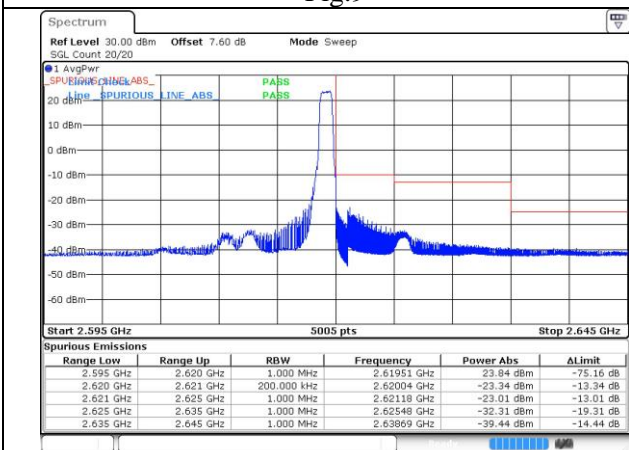


Fig.11

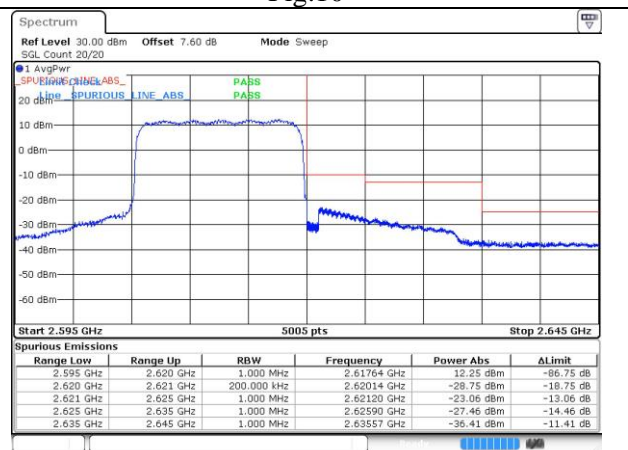


Fig.12

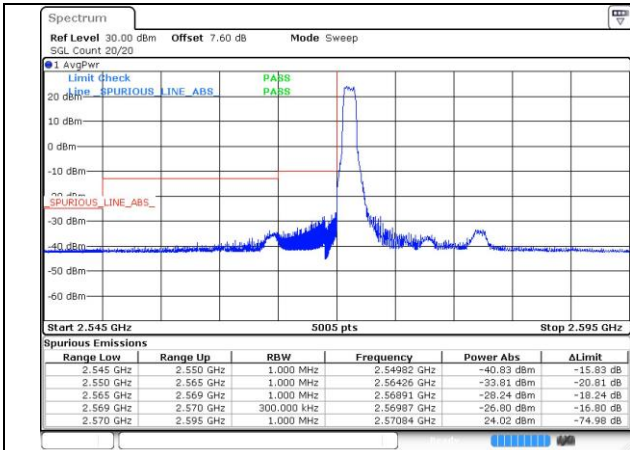


Fig.13

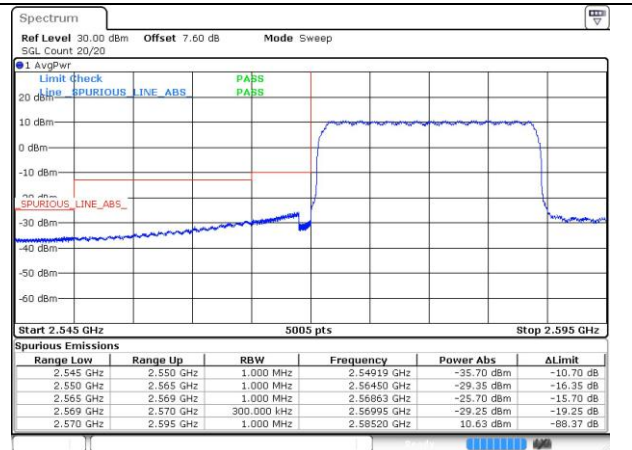


Fig.14

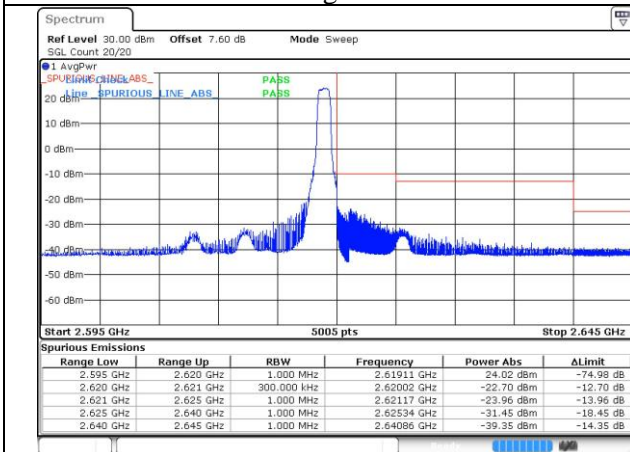


Fig.15



Fig.16

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band38 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-30	NV	---	---	---	---	---	0.002868
-20	NV	---	---	---	---	---	0.002791
-10	NV	---	---	---	---	---	0.000930
0	NV	---	---	---	---	---	0.007481
+10	NV	---	---	---	---	---	0.004574
+20	NV	---	---	---	---	---	0.005233
+30	NV	---	---	---	---	---	0.005116
+40	NV	---	---	---	---	---	0.005310
+50	NV	---	---	---	---	---	-0.000543
+20	LV	---	---	---	---	---	0.004341
+20	HV	---	---	---	---	---	-0.000426

Temperature(°C)	Voltage	Test Result (ppm) Band38 High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-30	NV	---	---	---	---	---	0.005939
-20	NV	---	---	---	---	---	0.001034
-10	NV	---	---	---	---	---	-0.000268
0	NV	---	---	---	---	---	-0.000192
+10	NV	---	---	---	---	---	0.002031
+20	NV	---	---	---	---	---	-0.001303
+30	NV	---	---	---	---	---	0.000996
+40	NV	---	---	---	---	---	-0.000613
+50	NV	---	---	---	---	---	0.007893
+20	LV	---	---	---	---	---	0.001839
+20	HV	---	---	---	---	---	0.004674

8 Effective Radiated Power and Effective Isotropic Radiated Power

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)	
QPSK	2572.5	37775	5	1	0	22.42	20.42	0.110	
				1	12	22.41	20.41	0.110	
				1	24	22.40	20.4	0.110	
				12	0	21.53	19.53	0.090	
				12	6	21.56	19.56	0.090	
				12	13	21.48	19.48	0.089	
				25	0	21.48	19.48	0.089	
	2595	38000		1	0	22.25	20.25	0.106	
				1	12	22.20	20.2	0.105	
				1	24	22.05	20.05	0.101	
				12	0	21.37	19.37	0.086	
				12	6	21.33	19.33	0.086	
				12	13	21.23	19.23	0.084	
				25	0	21.24	19.24	0.084	
	2617.5	38225		1	0	22.04	20.04	0.101	
				1	12	22.00	20	0.100	
				1	24	22.02	20.02	0.100	
				12	0	21.09	19.09	0.081	
				12	6	21.05	19.05	0.080	
				12	13	21.10	19.1	0.081	
				25	0	21.02	19.02	0.080	
	16QAM	2572.5		37775	1	0	21.50	19.5	0.089
					1	12	21.38	19.38	0.087
					1	24	21.48	19.48	0.089
12			0		20.51	18.51	0.071		
12			6		20.47	18.47	0.070		
12			13		20.46	18.46	0.070		
25			0		20.54	18.54	0.071		
2595		38000	1	0	21.25	19.25	0.084		
			1	12	21.36	19.36	0.086		
			1	24	21.30	19.3	0.085		
			12	0	20.29	18.29	0.067		
			12	6	20.22	18.22	0.066		
			12	13	20.12	18.12	0.065		
			25	0	20.34	18.34	0.068		
2617.5		38225	1	0	21.24	19.24	0.084		
			1	12	21.20	19.2	0.083		
			1	24	21.19	19.19	0.083		
			12	0	20.39	18.39	0.069		
			12	6	20.30	18.3	0.068		
			12	13	20.23	18.23	0.067		
			25	0	20.24	18.24	0.067		

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)		
64QAM	2572.5	37775	5	1	0	20.48	18.48	0.070		
				1	12	20.28	18.28	0.067		
				1	24	20.40	18.4	0.069		
				12	0	19.45	17.45	0.056		
				12	6	19.41	17.41	0.055		
				12	13	19.38	17.38	0.055		
	2595	38000		25	0	19.45	17.45	0.056		
				1	0	20.17	18.17	0.066		
				1	12	20.31	18.31	0.068		
				1	24	20.27	18.27	0.067		
				12	0	19.24	17.24	0.053		
				12	6	19.13	17.13	0.052		
				12	13	19.03	17.03	0.050		
				25	0	19.30	17.3	0.054		
				2617.5	38225	1	0	20.19	18.19	0.066
						1	12	20.18	18.18	0.066
						1	24	20.16	18.16	0.065
						12	0	19.29	17.29	0.054
	12	6				19.24	17.24	0.053		
	12	13				19.15	17.15	0.052		
	256QAM	2572.5		37775	25	0	19.17	17.17	0.052	
					1	0	17.48	15.48	0.035	
					1	12	17.32	15.32	0.034	
					1	24	17.45	15.45	0.035	
12			0		17.48	15.48	0.035			
12			6		17.42	15.42	0.035			
2595		38000	12	13	17.41	15.41	0.035			
			25	0	17.5	15.5	0.035			
			1	0	17.19	15.19	0.033			
			1	12	17.31	15.31	0.034			
			1	24	17.27	15.27	0.034			
			12	0	17.24	15.24	0.033			
			12	6	17.16	15.16	0.033			
			12	13	17.08	15.08	0.032			
			25	0	17.29	15.29	0.034			
			2617.5	38225	1	0	17.15	15.15	0.033	
					1	12	17.12	15.12	0.033	
					1	24	17.17	15.17	0.033	
12		0			17.35	15.35	0.034			
12		6			17.26	15.26	0.034			
12		13			17.19	15.19	0.033			
25		0	17.19	15.19	0.033					

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
QPSK	2575	37800	10	1	0	22.36	20.36	0.109
				1	24	22.42	20.42	0.110
				1	49	22.35	20.35	0.108
				25	0	21.47	19.47	0.089
				25	12	21.54	19.54	0.090
				25	25	21.44	19.44	0.088
				50	0	21.50	19.5	0.089
	2595	38000		1	0	22.13	20.13	0.103
				1	24	22.23	20.23	0.105
				1	49	22.22	20.22	0.105
				25	0	21.32	19.32	0.086
				25	12	21.40	19.4	0.087
				25	25	21.29	19.29	0.085
				50	0	21.42	19.42	0.087
	2615	38200		1	0	22.02	20.02	0.100
				1	24	22.08	20.08	0.102
				1	49	22.15	20.15	0.104
				25	0	21.29	19.29	0.085
				25	12	21.29	19.29	0.085
				25	25	21.27	19.27	0.085
				50	0	21.23	19.23	0.084
16QAM	2575	37800	1	0	21.57	19.57	0.091	
			1	24	21.65	19.65	0.092	
			1	49	21.53	19.53	0.090	
			25	0	20.61	18.61	0.073	
			25	12	20.52	18.52	0.071	
			25	25	20.55	18.55	0.072	
			50	0	20.57	18.57	0.072	
	2595	38000	1	0	21.43	19.43	0.088	
			1	24	21.50	19.5	0.089	
			1	49	21.44	19.44	0.088	
			25	0	20.54	18.54	0.071	
			25	12	20.61	18.61	0.073	
			25	25	20.50	18.5	0.071	
			50	0	20.50	18.5	0.071	
	2615	38200	1	0	21.31	19.31	0.085	
			1	24	21.59	19.59	0.091	
			1	49	21.27	19.27	0.085	
			25	0	20.39	18.39	0.069	
			25	12	20.34	18.34	0.068	
			25	25	20.14	18.14	0.065	
			50	0	20.33	18.33	0.068	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
64QAM	2575	37800	10	1	0	20.48	18.48	0.070
				1	24	20.63	18.63	0.073
				1	49	20.51	18.51	0.071
				25	0	19.54	17.54	0.057
				25	12	19.44	17.44	0.055
				25	25	19.47	17.47	0.056
				50	0	19.50	17.5	0.056
	2595	38000		1	0	20.35	18.35	0.068
				1	24	20.42	18.42	0.070
				1	49	20.35	18.35	0.068
				25	0	19.51	17.51	0.056
				25	12	19.56	17.56	0.057
				25	25	19.44	17.44	0.055
				50	0	19.46	17.46	0.056
	2615	38200		1	0	20.23	18.23	0.067
				1	24	20.52	18.52	0.071
				1	49	20.18	18.18	0.066
				25	0	19.37	17.37	0.055
				25	12	19.25	17.25	0.053
				25	25	19.08	17.08	0.051
				50	0	19.30	17.3	0.054
256QAM	2575	37800	1	0	17.53	15.53	0.036	
			1	24	17.56	15.56	0.036	
			1	49	17.51	15.51	0.036	
			25	0	17.58	15.58	0.036	
			25	12	17.45	15.45	0.035	
			25	25	17.53	15.53	0.036	
			50	0	17.55	15.55	0.036	
	2595	38000	1	0	17.38	15.38	0.035	
			1	24	17.46	15.46	0.035	
			1	49	17.35	15.35	0.034	
			25	0	17.51	15.51	0.036	
			25	12	17.57	15.57	0.036	
			25	25	17.41	15.41	0.035	
			50	0	17.46	15.46	0.035	
	2615	38200	1	0	17.22	15.22	0.033	
			1	24	17.56	15.56	0.036	
			1	49	17.22	15.22	0.033	
			25	0	17.32	15.32	0.034	
			25	12	17.25	15.25	0.033	
			25	25	17.08	15.08	0.032	
			50	0	17.26	15.26	0.034	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
QPSK	2577.5	37825	15	1	0	22.55	20.55	0.114
				1	38	22.39	20.39	0.109
				1	74	22.48	20.48	0.112
				36	0	21.61	19.61	0.091
				36	18	21.51	19.51	0.089
				36	37	21.41	19.41	0.087
				75	0	21.47	19.47	0.089
	2595	38000		1	0	22.24	20.24	0.106
				1	38	22.30	20.3	0.107
				1	74	22.23	20.23	0.105
				36	0	21.33	19.33	0.086
				36	18	21.48	19.48	0.089
				36	37	21.30	19.3	0.085
				75	0	21.46	19.46	0.088
	2612.5	38175		1	0	22.25	20.25	0.106
				1	38	22.03	20.03	0.101
				1	74	22.11	20.11	0.103
				36	0	21.21	19.21	0.083
				36	18	21.28	19.28	0.085
				36	37	21.27	19.27	0.085
				75	0	21.25	19.25	0.084
16QAM	2577.5	37825	1	0	21.70	19.7	0.093	
			1	38	21.62	19.62	0.092	
			1	74	21.60	19.6	0.091	
			36	0	20.64	18.64	0.073	
			36	18	20.50	18.5	0.071	
			36	37	20.51	18.51	0.071	
			75	0	20.60	18.6	0.072	
	2595	38000	1	0	21.57	19.57	0.091	
			1	38	21.56	19.56	0.090	
			1	74	21.37	19.37	0.086	
			36	0	20.43	18.43	0.070	
			36	18	20.40	18.4	0.069	
			36	37	20.33	18.33	0.068	
			75	0	20.43	18.43	0.070	
	2612.5	38175	1	0	21.30	19.3	0.085	
			1	38	21.38	19.38	0.087	
			1	74	21.33	19.33	0.086	
			36	0	20.14	18.14	0.065	
			36	18	20.28	18.28	0.067	
			36	37	20.22	18.22	0.066	
			75	0	20.26	18.26	0.067	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)	
64QAM	2577.5	37825	15	1	0	20.67	18.67	0.074	
				1	38	20.58	18.58	0.072	
				1	74	20.57	18.57	0.072	
				36	0	19.54	17.54	0.057	
				36	18	19.46	17.46	0.056	
				36	37	19.47	17.47	0.056	
				75	0	19.55	17.55	0.057	
	2595	38000		1	0	20.53	18.53	0.071	
				1	38	20.54	18.54	0.071	
				1	74	20.31	18.31	0.068	
				36	0	19.40	17.4	0.055	
				36	18	19.37	17.37	0.055	
				36	37	19.24	17.24	0.053	
				75	0	19.37	17.37	0.055	
	2612.5	38175		1	0	20.27	18.27	0.067	
				1	38	20.30	18.3	0.068	
				1	74	20.31	18.31	0.068	
				36	0	19.06	17.06	0.051	
				36	18	19.22	17.22	0.053	
				36	37	19.15	17.15	0.052	
				75	0	19.21	17.21	0.053	
	256QAM	2577.5		37825	1	0	17.61	15.61	0.036
					1	38	17.57	15.57	0.036
					1	74	17.51	15.51	0.036
36			0		17.62	15.62	0.036		
36			18		17.48	15.48	0.035		
36			37		17.43	15.43	0.035		
75			0		17.50	15.5	0.035		
2595		38000	1	0	17.53	15.53	0.036		
			1	38	17.49	15.49	0.035		
			1	74	17.33	15.33	0.034		
			36	0	17.33	15.33	0.034		
			36	18	17.33	15.33	0.034		
			36	37	17.28	15.28	0.034		
			75	0	17.38	15.38	0.035		
2612.5		38175	1	0	17.25	15.25	0.033		
			1	38	17.36	15.36	0.034		
			1	74	17.27	15.27	0.034		
			36	0	17.12	15.12	0.033		
			36	18	17.20	15.2	0.033		
			36	37	17.15	15.15	0.033		
			75	0	17.20	15.2	0.033		

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
QPSK	2580	37850	20	1	0	21.47	19.47	0.089
				1	49	21.45	19.45	0.088
				1	99	21.46	19.46	0.088
				50	0	21.53	19.53	0.090
				50	25	22.04	20.04	0.101
				50	50	22.01	20.01	0.100
				100	0	22.34	20.34	0.108
	2595	38000		1	0	21.50	19.5	0.089
				1	49	21.19	19.19	0.083
				1	99	21.02	19.02	0.080
				50	0	21.18	19.18	0.083
				50	25	22.05	20.05	0.101
				50	50	22.01	20.01	0.100
				100	0	22.10	20.1	0.102
	2610	38150		1	0	21.01	19.01	0.080
				1	49	21.15	19.15	0.082
				1	99	21.16	19.16	0.082
				50	0	21.00	19	0.079
				50	25	21.72	19.72	0.094
				50	50	21.60	19.6	0.091
				100	0	21.64	19.64	0.092
16QAM	2580	37850	1	0	20.66	18.66	0.073	
			1	49	20.52	18.52	0.071	
			1	99	20.16	18.16	0.065	
			50	0	20.18	18.18	0.066	
			50	25	21.27	19.27	0.085	
			50	50	21.08	19.08	0.081	
			100	0	21.18	19.18	0.083	
	2595	38000	1	0	20.20	18.2	0.066	
			1	49	20.18	18.18	0.066	
			1	99	20.10	18.1	0.065	
			50	0	20.19	18.19	0.066	
			50	25	21.14	19.14	0.082	
			50	50	21.07	19.07	0.081	
			100	0	21.07	19.07	0.081	
	2610	38150	1	0	20.01	18.01	0.063	
			1	49	20.10	18.1	0.065	
			1	99	20.01	18.01	0.063	
			50	0	20.10	18.1	0.065	
			50	25	20.68	18.68	0.074	
			50	50	20.58	18.58	0.072	
			100	0	20.54	18.54	0.071	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
64QAM	2580	37850	20	1	0	19.61	17.61	0.058
				1	49	19.44	17.44	0.055
				1	99	19.12	17.12	0.052
				50	0	19.11	17.11	0.051
				50	25	20.19	18.19	0.066
				50	50	20.01	18.01	0.063
				100	0	20.13	18.13	0.065
	2595	38000		1	0	19.17	17.17	0.052
				1	49	19.16	17.16	0.052
				1	99	19.08	17.08	0.051
				50	0	19.10	17.1	0.051
				50	25	20.07	18.07	0.064
				50	50	20.04	18.04	0.064
				100	0	20.08	18.08	0.064
	2610	38150		1	0	19.04	17.04	0.051
				1	49	19.01	17.01	0.050
				1	99	19.06	17.06	0.051
				50	0	19.01	17.01	0.050
				50	25	17.69	15.69	0.037
				50	50	17.5	15.5	0.035
				100	0	17.58	15.58	0.036
256QAM	2580	37850	1	0	17.64	15.64	0.037	
			1	49	17.42	15.42	0.035	
			1	99	17.12	15.12	0.033	
			50	0	17.11	15.11	0.032	
			50	25	17.18	15.18	0.033	
			50	50	17	15	0.032	
			100	0	17.08	15.08	0.032	
	2595	38000	1	0	17.14	15.14	0.033	
			1	49	17.09	15.09	0.032	
			1	99	17.04	15.04	0.032	
			50	0	17.12	15.12	0.033	
			50	25	17.09	15.09	0.032	
			50	50	17.05	15.05	0.032	
			100	0	17.04	15.04	0.032	
	2610	38150	1	0	17.04	15.04	0.032	
			1	49	17.07	15.07	0.032	
			1	99	17.04	15.04	0.032	
			50	0	17.08	15.08	0.032	
			50	25	21.47	19.47	0.089	
			50	50	21.45	19.45	0.088	
			100	0	21.46	19.46	0.088	

Test on the worst case:

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
Band38	15MHz	QPSK	37825	1RB#0	22.4	20.4	0.110
				1RB#38	22.17	20.17	0.104
				1RB#74	22.28	20.28	0.107