

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 41

1 RF Power Output

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2498.5	39675	5	1	0	23.06
				1	12	23.07
				1	24	22.96
				12	0	22.20
				12	6	22.26
				12	13	22.08
	25	0		22.19		
	2593	40620		1	0	23.06
				1	12	23.02
				1	24	22.97
				12	0	22.21
				12	6	22.27
				12	13	22.12
	2687.5	41565		25	0	22.17
				1	0	22.90
				1	12	22.90
				1	24	22.86
				12	0	22.09
12			6	22.11		
16QAM	2498.5	39675	12	13	21.96	
			25	0	22.06	
			1	0	22.29	
			1	12	22.35	
			1	24	22.33	
			12	0	21.09	
	12	6	21.27			
	2593	40620	12	13	21.04	
			25	0	21.29	
			1	0	22.32	
			1	12	22.35	
			1	24	22.33	
			12	0	21.08	
	2687.5	41565	12	6	21.25	
			12	13	21.05	
			25	0	21.25	
			1	0	22.17	
			1	12	22.22	
1			24	22.22		
12	0	20.92				
12	6	21.14				
12	13	20.92				
25	0	21.11				

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	2498.5	39675	5	1	0	21.00
				1	12	21.03
				1	24	20.88
				12	0	20.18
				12	6	20.20
				12	13	19.99
	2593	40620		25	0	20.17
				1	0	20.99
				1	12	20.92
				1	24	20.93
				12	0	20.15
				12	6	20.18
	2687.5	41565		12	13	20.02
				25	0	20.10
				1	0	20.82
				1	12	20.81
				1	24	20.79
				12	0	20.04
256QAM	2498.5	39675	12	6	20.07	
			12	13	19.87	
			25	0	20.04	
			1	0	18.23	
			1	12	18.3	
			1	24	18.25	
	2593	40620	12	0	18.05	
			12	6	18.19	
			12	13	18	
			25	0	18.27	
			1	0	18.29	
			1	12	18.25	
	2687.5	41565	1	24	18.24	
			12	0	18.02	
			12	6	18.2	
			12	13	18	
			25	0	18.15	
			1	0	18.15	
			1	12	18.19	
			1	24	18.20	
			12	0	17.82	
			12	6	18.10	
			12	13	17.82	
			25	0	18.07	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2501	39700	10	1	0	23.18
				1	24	23.09
				1	49	23.13
				25	0	22.41
				25	12	22.39
				25	25	22.49
	2593	40620		50	0	22.49
				1	0	23.21
				1	24	23.15
				1	49	23.16
				25	0	22.32
				25	12	22.43
	2685	41540		25	25	22.26
				50	0	22.30
				1	0	23.04
				1	24	23.13
				1	49	23.10
				25	0	22.18
16QAM	2501	39700	25	12	22.27	
			25	25	22.10	
			50	0	22.14	
			1	0	22.58	
			1	24	22.20	
			1	49	22.52	
	2593	40620	25	0	21.54	
			25	12	21.43	
			25	25	21.50	
			50	0	21.46	
			1	0	22.47	
			1	24	22.24	
	2685	41540	1	49	22.35	
			25	0	21.41	
			25	12	21.36	
			25	25	21.37	
			50	0	21.41	
			1	0	22.32	
			1	24	22.11	
			1	49	22.17	
			25	0	21.26	
			25	12	21.26	
			25	25	21.25	
			50	0	21.24	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	2501	39700	10	1	0	21.15
				1	24	20.99
				1	49	21.07
				25	0	20.38
				25	12	20.37
				25	25	20.41
	50	0		20.40		
	1	0		21.11		
	1	24		21.11		
	1	49		21.06		
	25	0		20.26		
	25	12		20.41		
	25	25		20.23		
	50	0		20.28		
	1	0		21.00		
	1	24		21.06		
	1	49		21.08		
	25	0		20.12		
25	12	20.19				
25	25	20.04				
50	0	20.05				
256QAM	2501	39700	10	1	0	18.54
				1	24	18.13
				1	49	18.50
				25	0	18.51
				25	12	18.33
				25	25	18.48
	50	0		18.36		
	1	0		18.45		
	1	24		18.20		
	1	49		18.29		
	25	0		18.37		
	25	12		18.33		
	25	25		18.33		
	50	0		18.34		
	1	0		18.27		
	1	24		18.06		
	1	49		18.14		
	25	0		18.19		
25	12	18.23				
25	25	18.22				
50	0	18.19				
2685	41540		10	1	0	18.27
				1	24	18.06
				1	49	18.14
				25	0	18.19
				25	12	18.23
				25	25	18.22
50	0	18.19				

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2503.5	39725	15	1	0	23.09
				1	38	23.04
				1	74	23.13
				38	0	22.28
				38	18	22.35
				38	37	22.09
	2593	40620		75	0	22.31
				1	0	23.08
				1	38	23.01
				1	74	23.14
				38	0	22.29
				38	18	22.34
	2682.5	41515		38	37	22.09
				75	0	22.33
				1	0	22.91
				1	38	22.91
				1	74	23.02
				38	0	22.11
16QAM	2503.5	39725	38	18	22.19	
			38	37	21.98	
			75	0	22.20	
			1	0	22.49	
			1	38	22.29	
			1	74	22.15	
	2593	40620	38	0	21.34	
			38	18	21.30	
			38	37	21.28	
			75	0	21.24	
			1	0	22.54	
			1	38	22.29	
	2682.5	41515	1	74	22.16	
			38	0	21.31	
			38	18	21.31	
			38	37	21.31	
			75	0	21.23	
			1	0	22.37	
1	38	22.16				
1	74	22.00				
38	0	21.19				
38	18	21.18				
38	37	21.17				
75	0	21.11				

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	2503.5	39725	15	1	0	21.05
				1	38	20.95
				1	74	21.03
				38	0	20.21
				38	18	20.30
				38	37	20.03
	2593	40620		75	0	20.24
				1	0	21.02
				1	38	20.94
				1	74	21.11
				38	0	20.23
				38	18	20.29
	2682.5	41515		38	37	20.05
				75	0	20.25
				1	0	20.82
				1	38	20.89
				1	74	20.98
				38	0	20.03
256QAM	2503.5	39725	38	18	20.09	
			38	37	19.91	
			75	0	20.16	
			1	0	18.41	
			1	38	18.19	
			1	74	18.13	
	2593	40620	38	0	18.28	
			38	18	18.27	
			38	37	18.24	
			75	0	18.14	
			1	0	18.45	
			1	38	18.27	
	2682.5	41515	1	74	18.11	
			38	0	18.27	
			38	18	18.26	
			38	37	18.26	
			75	0	18.21	
			1	0	18.34	
			1	38	18.09	
			1	74	17.90	
			38	0	18.15	
			38	18	18.09	
			38	37	18.15	
			75	0	18.06	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2506	39750	20	1	0	22.87
				1	49	22.99
				1	99	23.07
				50	0	22.06
				50	25	22.01
				50	50	21.86
	2593	40620		100	0	21.86
				1	0	22.91
				1	49	23.04
				1	99	23.20
				50	0	22.07
				50	25	22.04
	2680	41490		50	50	21.86
				100	0	21.86
				1	0	22.89
				1	49	22.95
				1	99	22.96
				50	0	21.90
16QAM	2506	39750	50	25	21.74	
			50	50	21.71	
			100	0	21.89	
			1	0	22.05	
			1	49	21.90	
			1	99	21.95	
	2593	40620	50	0	20.84	
			50	25	20.98	
			50	50	20.86	
			100	0	20.89	
			1	0	22.04	
			1	49	21.89	
	2680	41490	1	99	21.99	
			50	0	20.85	
			50	25	20.94	
			50	50	20.86	
			100	0	20.93	
			1	0	21.72	
			1	49	21.80	
			1	99	21.68	
			50	0	20.79	
			50	25	20.73	
			50	50	20.74	
			100	0	20.94	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	2506	39750	20	1	0	20.81
				1	49	20.91
				1	99	21.03
				50	0	19.97
				50	25	19.91
				50	50	19.83
	2593	40620		100	0	19.76
				1	0	20.84
				1	49	20.94
				1	99	21.18
				50	0	19.98
				50	25	19.96
	2680	41490		50	50	19.77
				100	0	19.79
				1	0	20.87
				1	49	20.86
				1	99	20.88
				50	0	19.86
256QAM	2506	39750	50	25	19.68	
			50	50	19.63	
			100	0	19.85	
			1	0	18.01	
			1	49	17.85	
			1	99	17.86	
	2593	40620	50	0	17.81	
			50	25	17.93	
			50	50	17.82	
			100	0	17.79	
			1	0	18.01	
			1	49	17.86	
	2680	41490	1	99	17.95	
			50	0	17.77	
			50	25	17.85	
			50	50	17.81	
			100	0	17.88	
			1	0	17.68	
			1	49	17.76	
			1	99	17.59	
			50	0	17.75	
			50	25	17.69	
			50	50	17.68	
			100	0	17.87	

Test on the worst case:

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)
Band41	10MHz	QPSK	40620	1RB#0	23.02
				1RB#24	23.01
				1RB#49	23.02

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	
41	2498.5	39675	5	25	0	4.476	Fig.1	4.466	Fig.4	4.476	Fig.7	4.466	Fig.10
	2593	40620		25	0	4.476	Fig.2	4.476	Fig.5	4.466	Fig.8	4.466	Fig.11
	2687.5	41565		25	0	4.476	Fig.3	4.466	Fig.6	4.476	Fig.9	4.466	Fig.12
	2501	39700	10	50	0	8.931	Fig.13	8.931	Fig.16	8.951	Fig.19	8.951	Fig.22
	2593	40620		50	0	8.931	Fig.14	8.931	Fig.17	8.931	Fig.20	8.931	Fig.23
	2685	41540		50	0	8.931	Fig.15	8.911	Fig.18	8.951	Fig.21	8.931	Fig.24
	2503.5	39725	15	75	0	13.516	Fig.25	13.487	Fig.28	13.487	Fig.31	13.487	Fig.34
	2593	40620		75	0	13.516	Fig.26	13.487	Fig.29	13.487	Fig.32	13.516	Fig.35
	2682.5	41515		75	0	13.546	Fig.27	13.516	Fig.30	13.457	Fig.33	13.487	Fig.36
	2506	39750	20	100	0	17.942	Fig.37	17.902	Fig.40	17.902	Fig.43	17.902	Fig.46
	2593	40620		100	0	17.942	Fig.38	17.942	Fig.41	17.942	Fig.44	17.902	Fig.47
	2680	41490		100	0	17.942	Fig.39	17.902	Fig.42	17.942	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	
41	2498.5	39675	5	25	0	4.890	Fig.1	4.980	Fig.4	4.860	Fig.7	4.980	Fig.10
	2593	40620		25	0	4.900	Fig.2	5.000	Fig.5	4.850	Fig.8	5.010	Fig.11
	2687.5	41565		25	0	4.880	Fig.3	5.000	Fig.6	4.860	Fig.9	5.090	Fig.12
	2501	39700	10	50	0	9.720	Fig.13	9.620	Fig.16	9.700	Fig.19	9.640	Fig.22
	2593	40620		50	0	9.800	Fig.14	9.620	Fig.17	9.680	Fig.20	9.640	Fig.23
	2685	41540		50	0	9.780	Fig.15	9.620	Fig.18	9.640	Fig.21	9.640	Fig.24
	2503.5	39725	15	75	0	16.290	Fig.25	15.600	Fig.28	15.210	Fig.31	15.150	Fig.34
	2593	40620		75	0	16.140	Fig.26	15.630	Fig.29	15.720	Fig.32	15.930	Fig.35
	2682.5	41515		75	0	16.230	Fig.27	15.810	Fig.30	15.360	Fig.33	14.970	Fig.36
	2506	39750	20	100	0	19.880	Fig.37	19.960	Fig.40	19.600	Fig.43	20.000	Fig.46
	2593	40620		100	0	19.880	Fig.38	19.920	Fig.41	19.640	Fig.44	20.080	Fig.47
	2680	41490		100	0	19.560	Fig.39	20.200	Fig.42	19.520	Fig.45	19.840	Fig.48

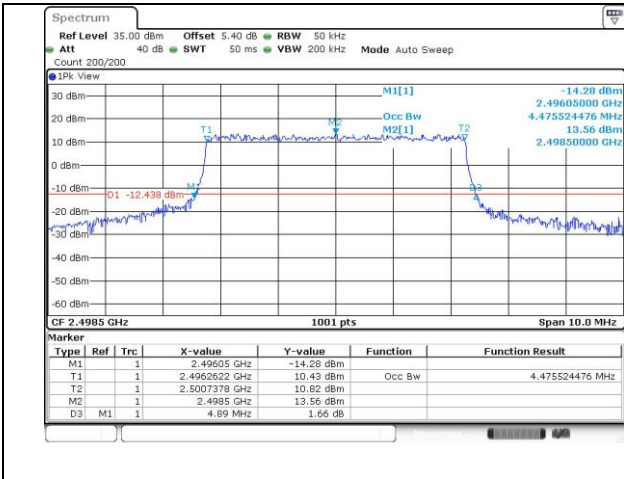


Fig.1

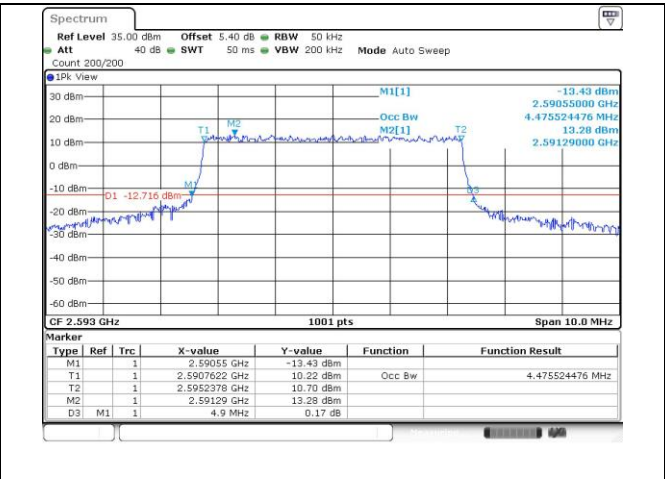


Fig.2

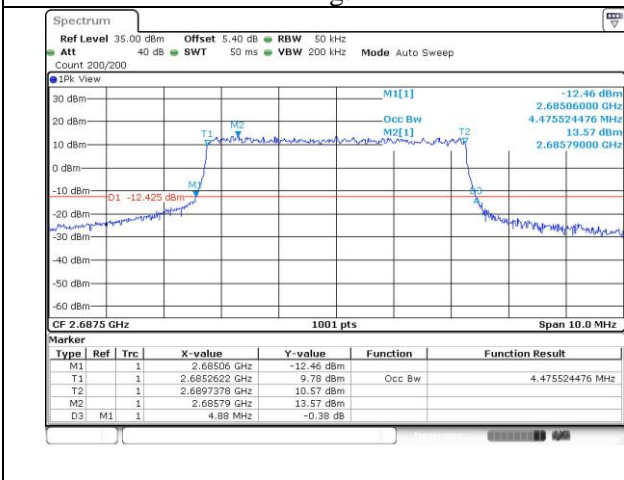


Fig.3

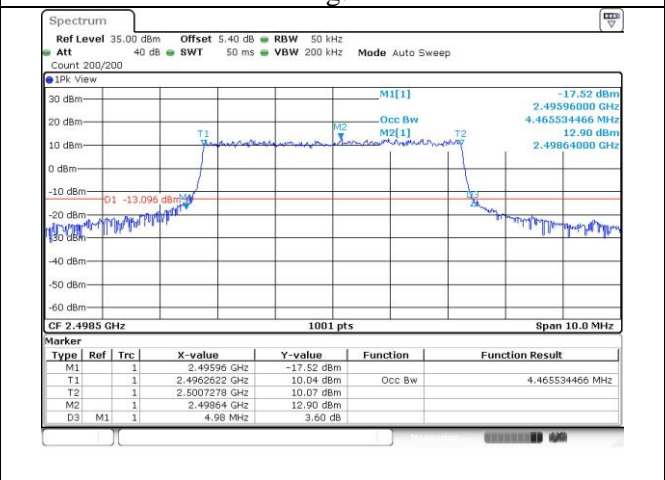


Fig.4

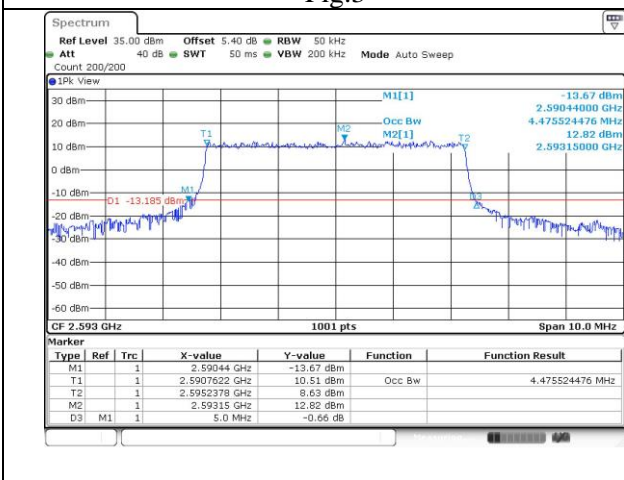


Fig.5

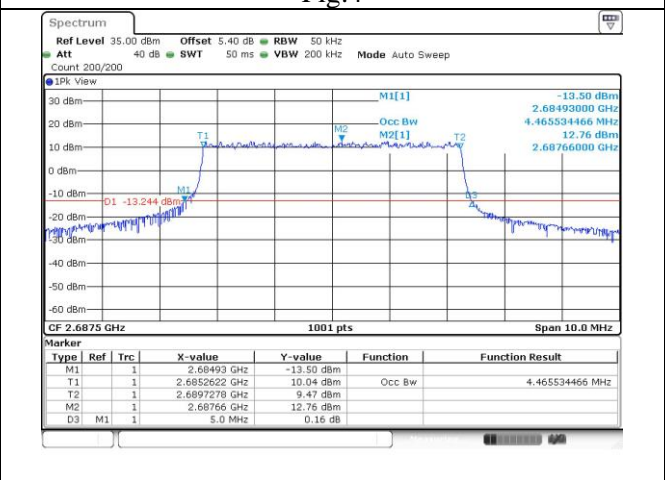
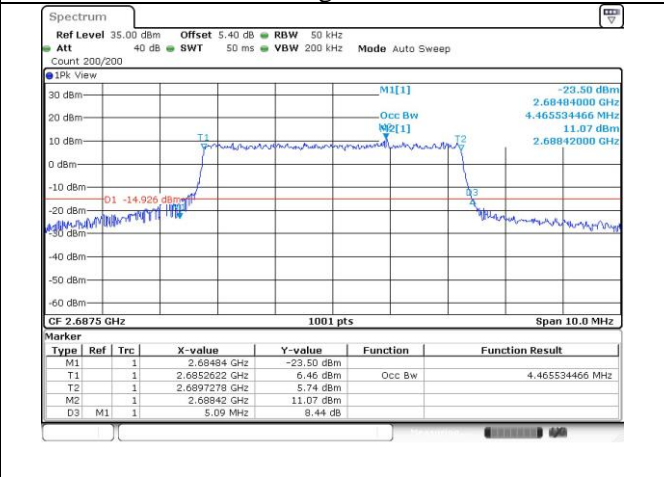
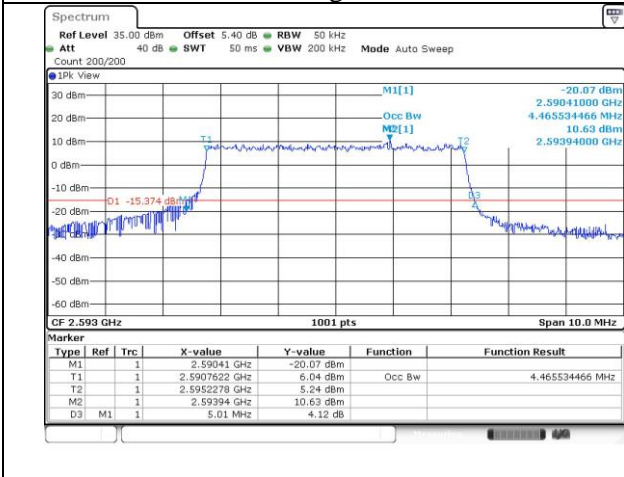
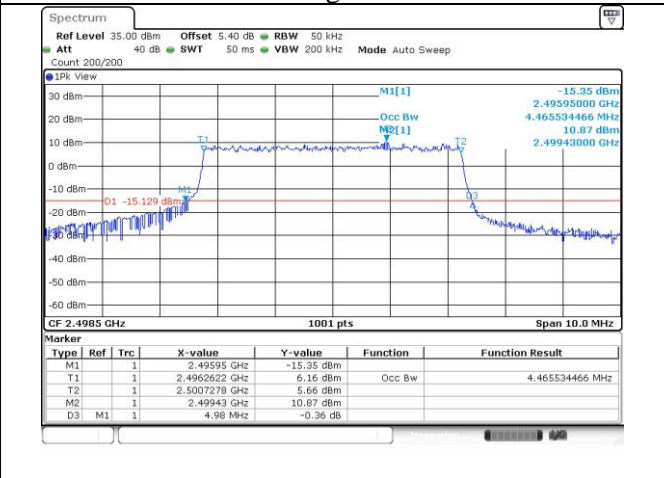
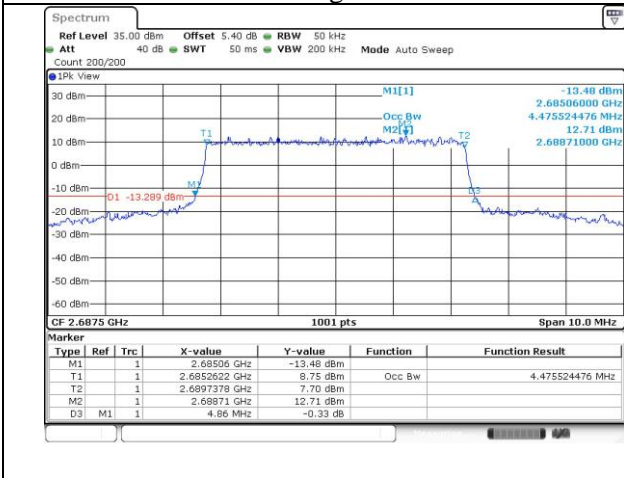
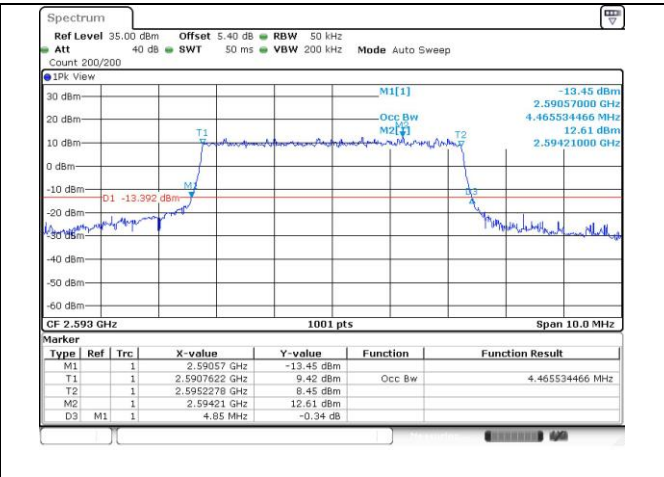
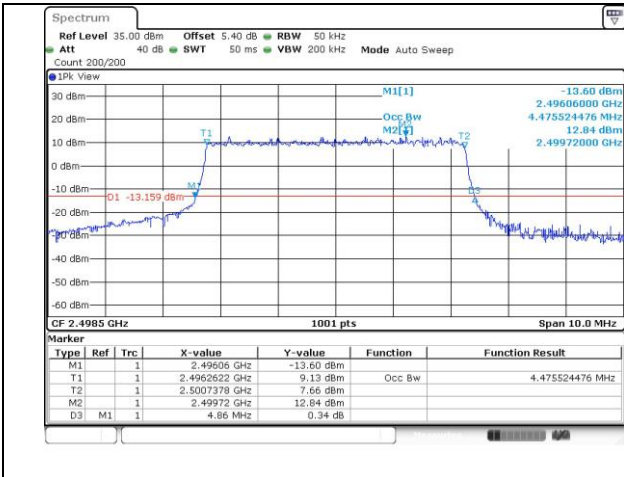


Fig.6



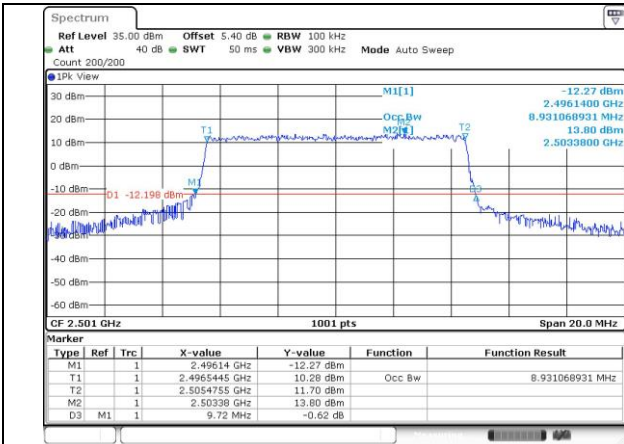


Fig.13

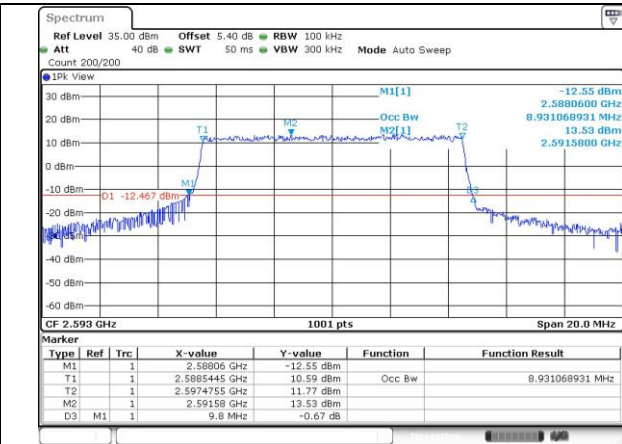


Fig.14

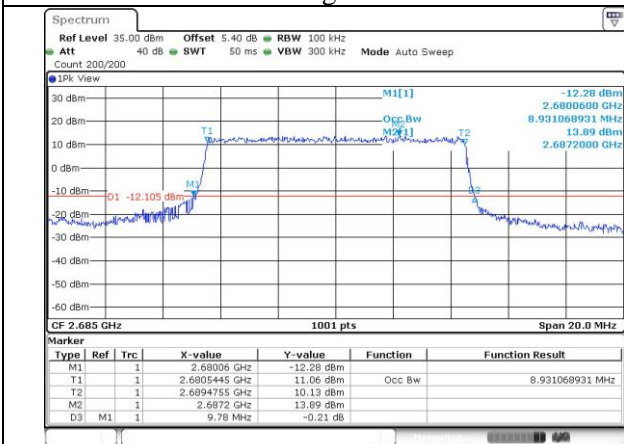


Fig.15

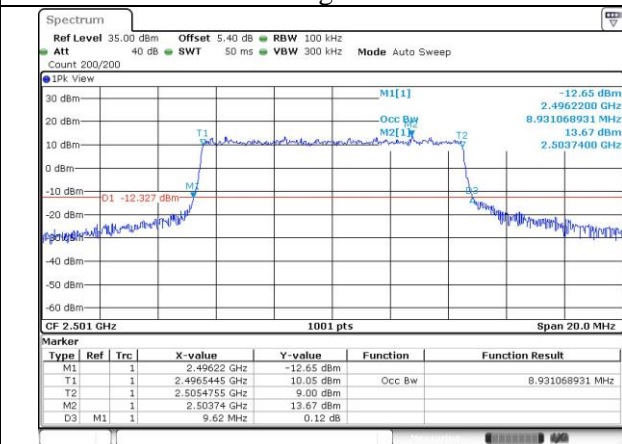


Fig.16

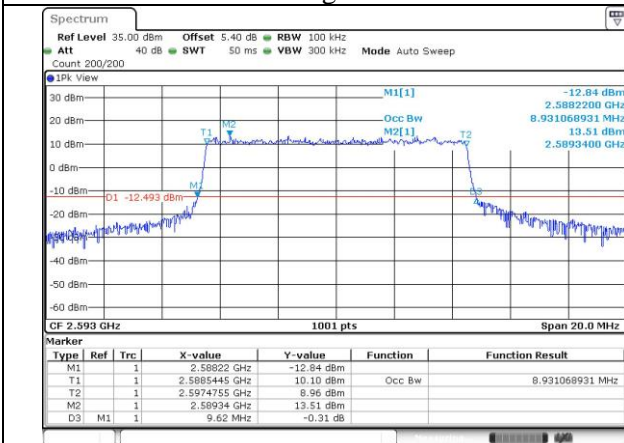


Fig.17

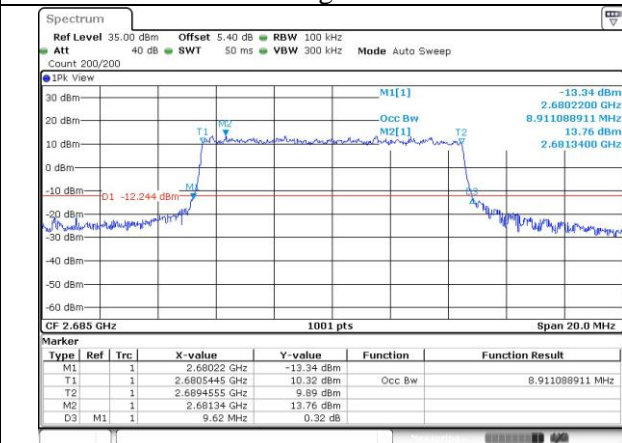


Fig.18

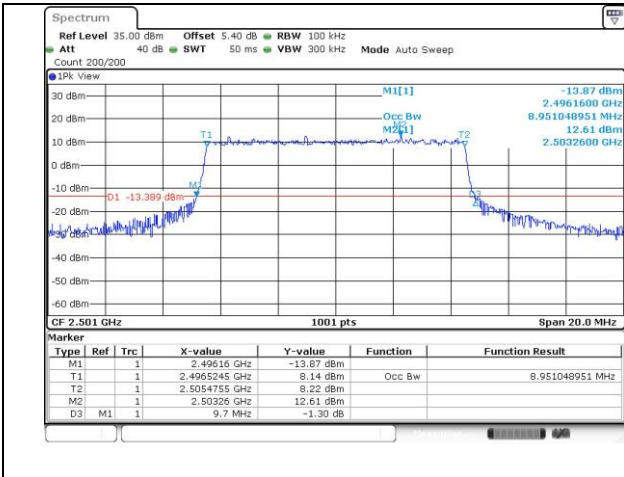


Fig.19

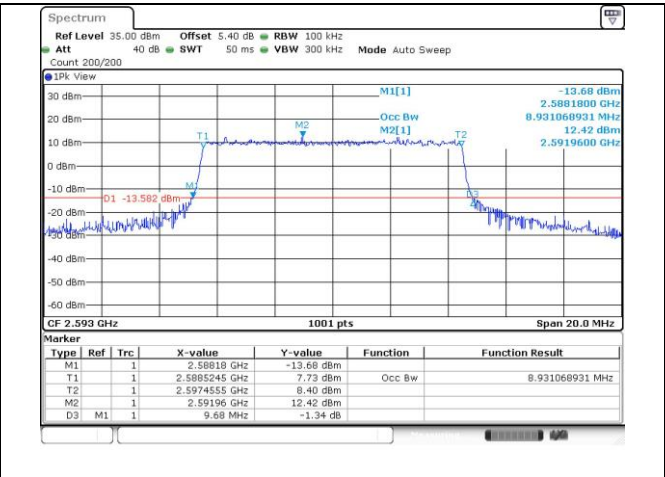


Fig.20

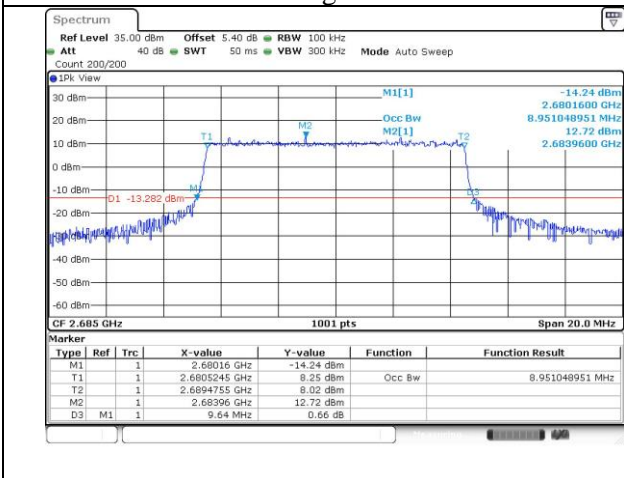


Fig.21

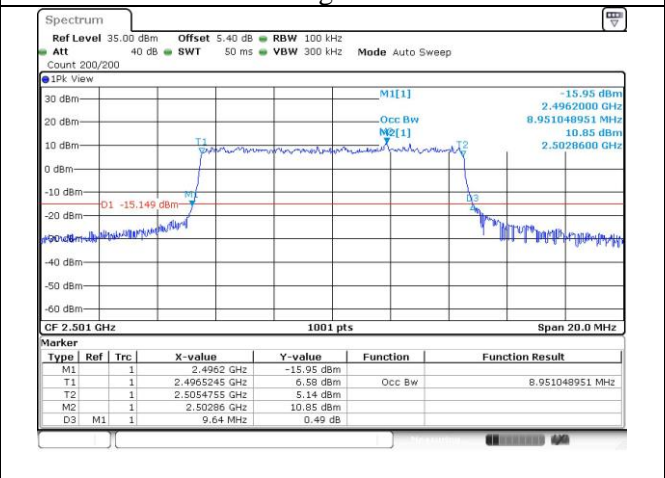


Fig.22

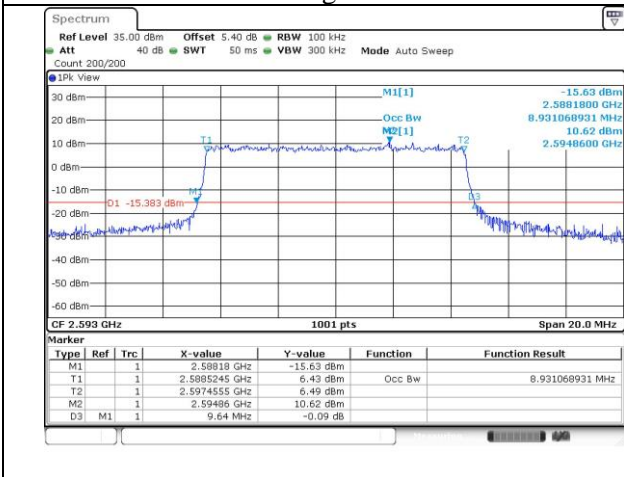


Fig.23

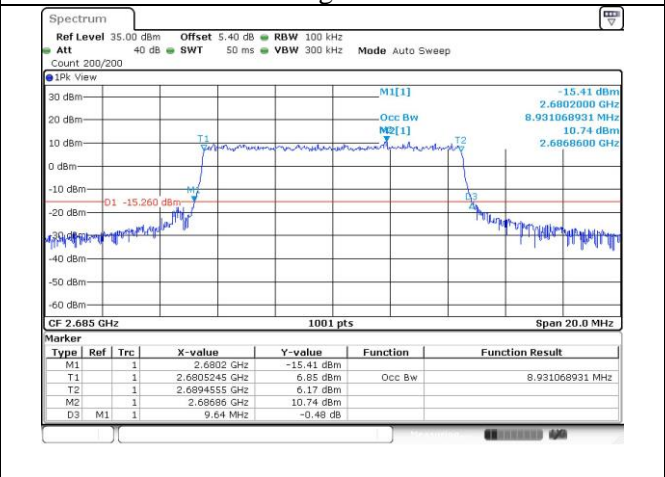


Fig.24

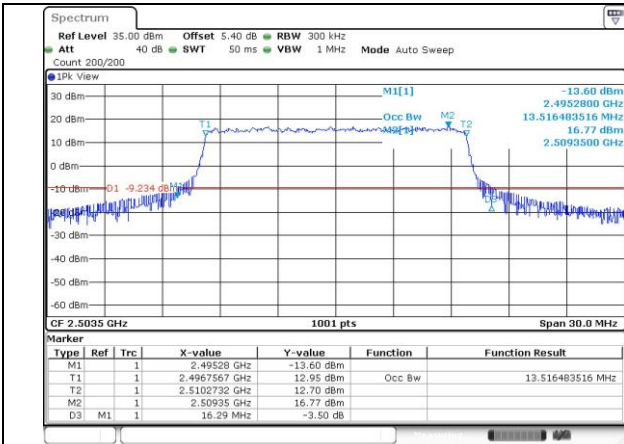


Fig.25

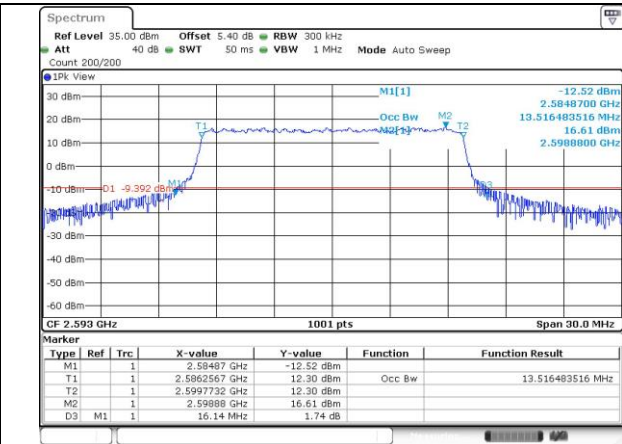


Fig.26

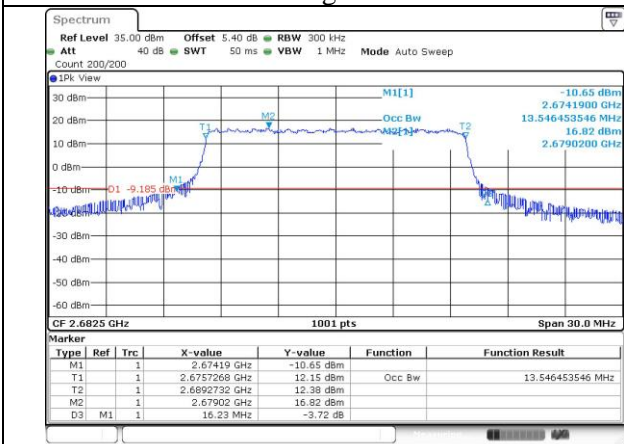


Fig.27

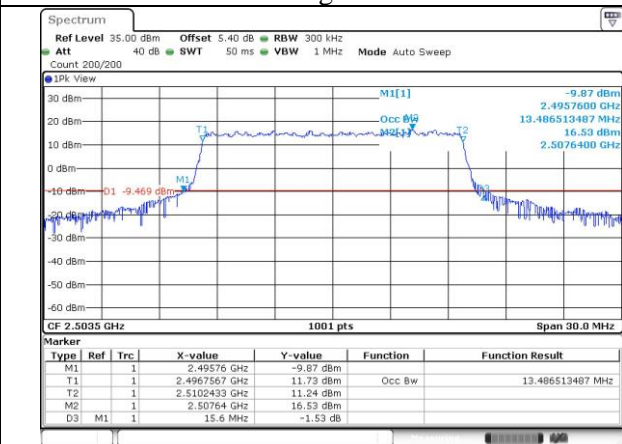


Fig.28

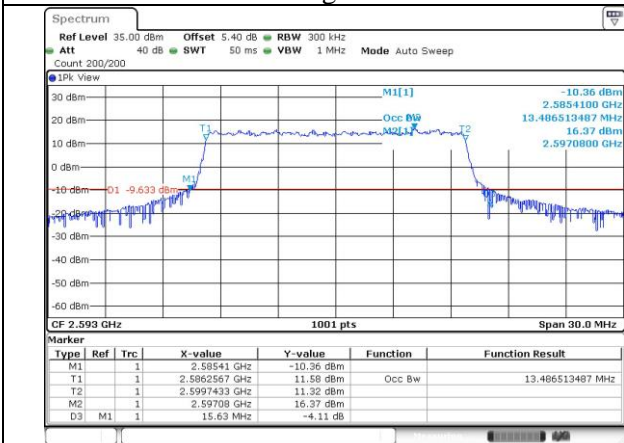


Fig.29

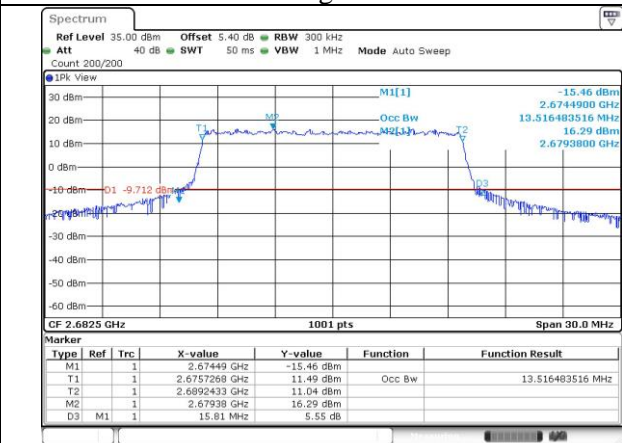


Fig.30

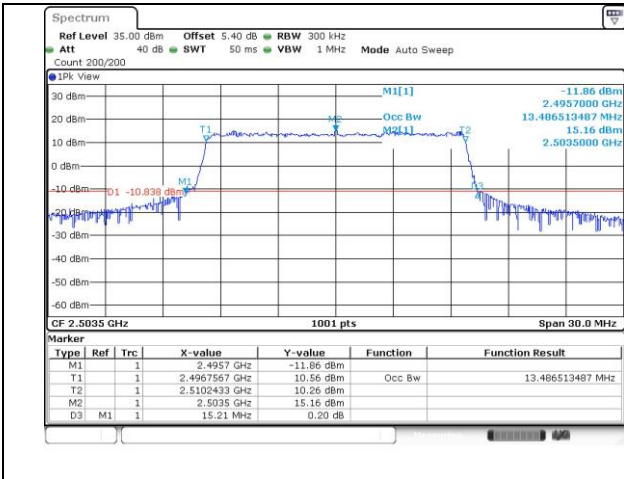


Fig.31

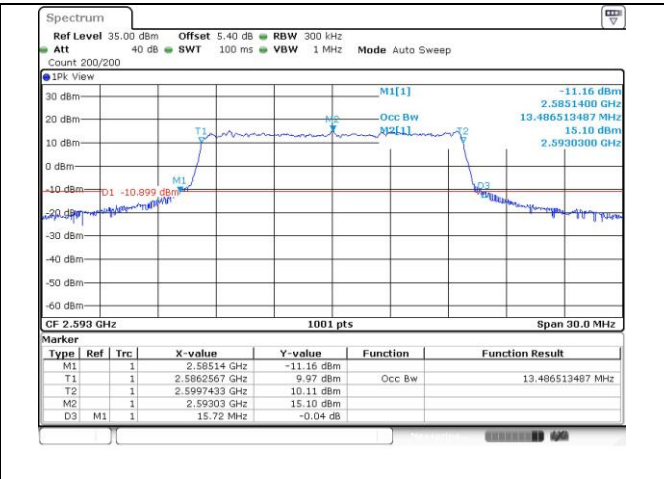


Fig.32

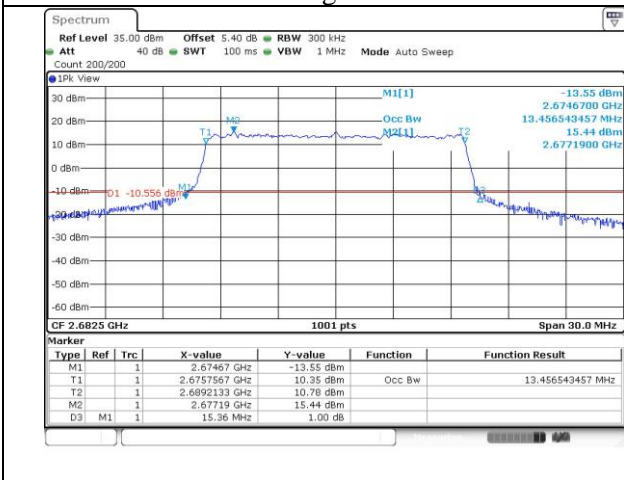


Fig.33

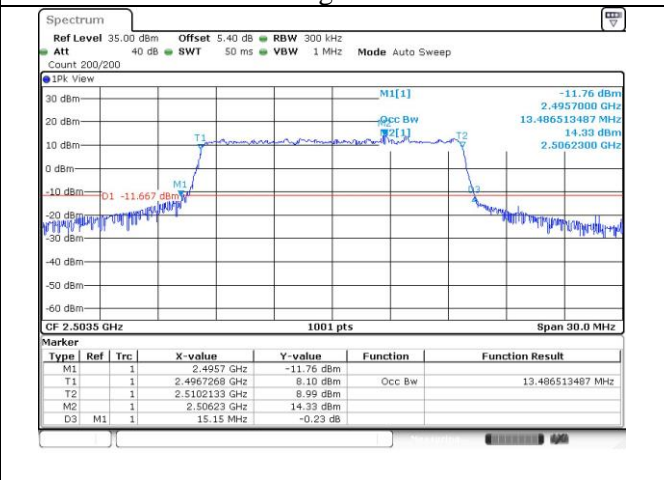


Fig.34

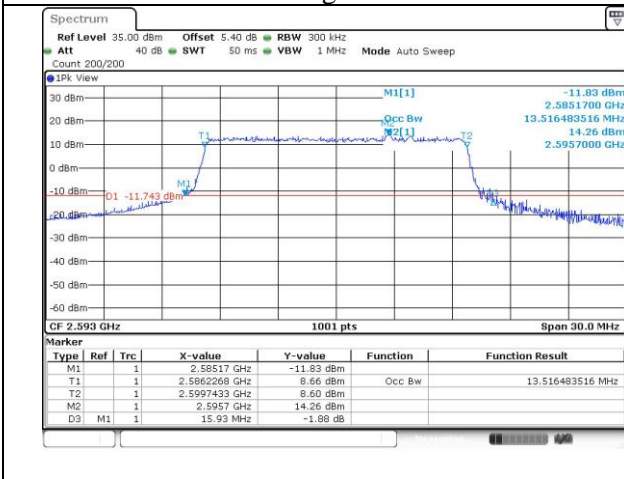


Fig.35

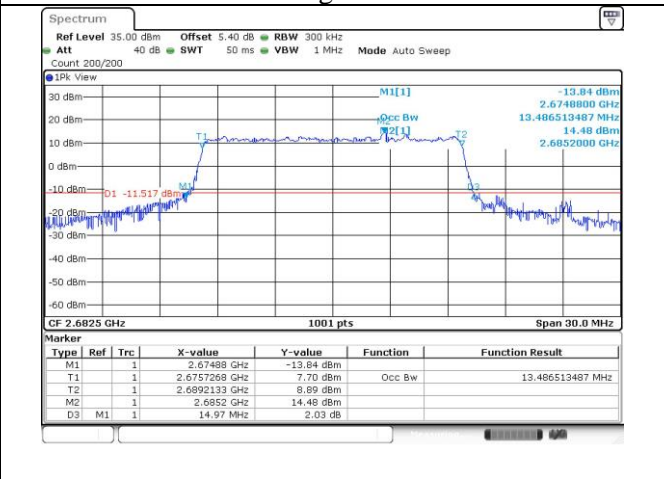


Fig.36

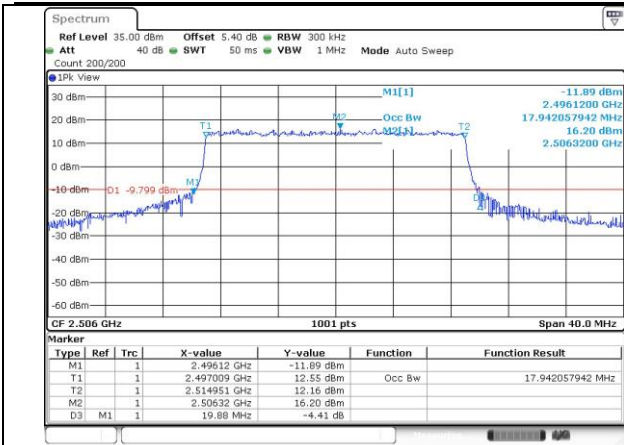


Fig.37

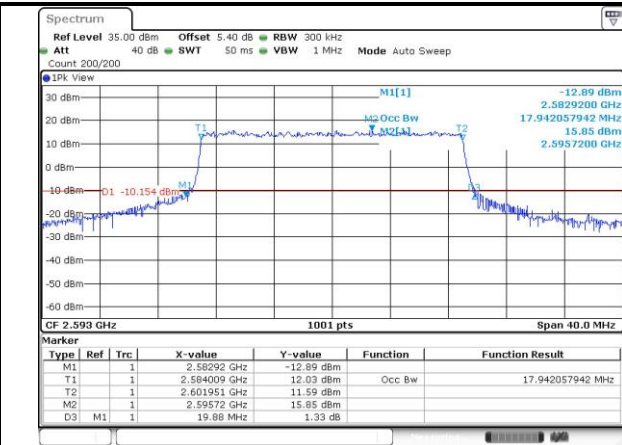


Fig.38

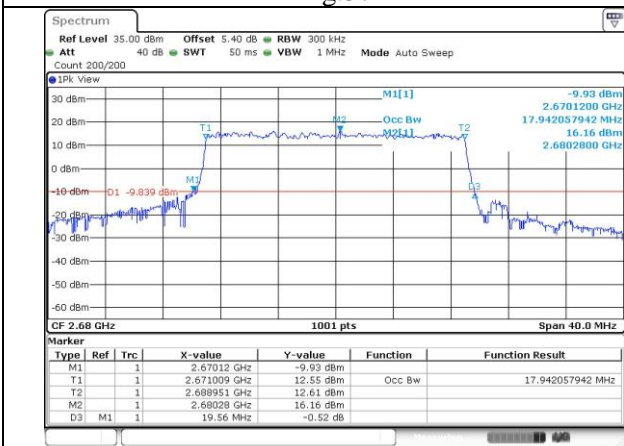


Fig.39

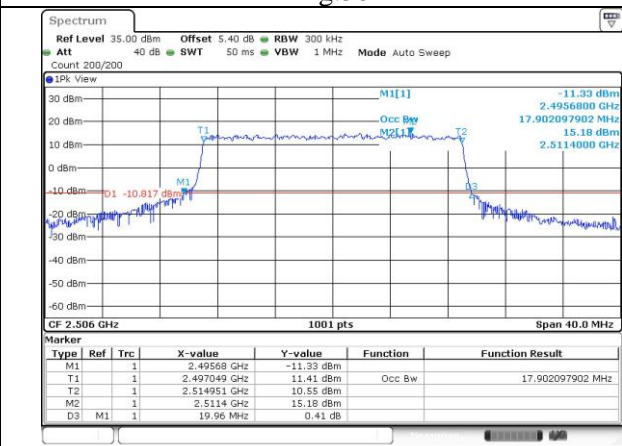


Fig.40

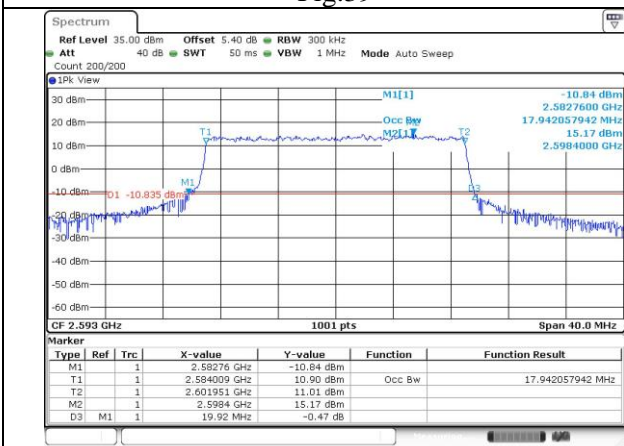


Fig.41

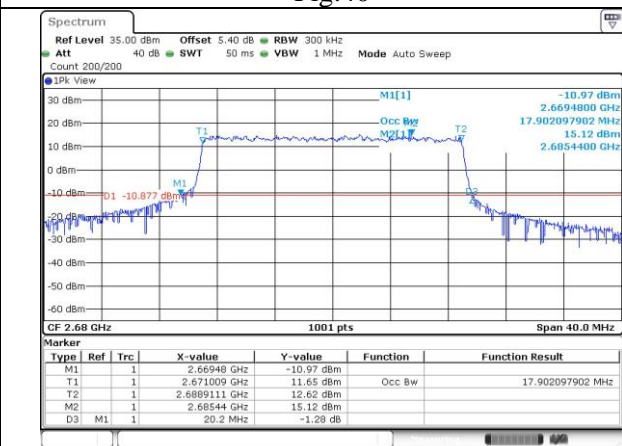


Fig.42

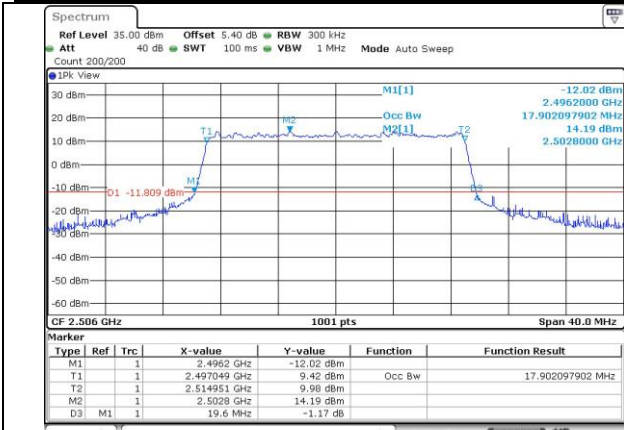


Fig.43

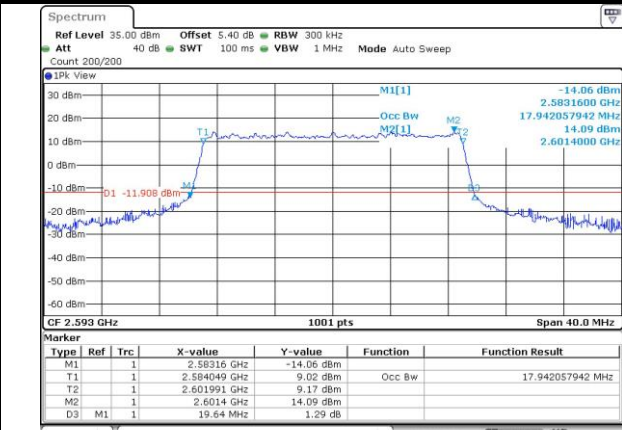


Fig.44

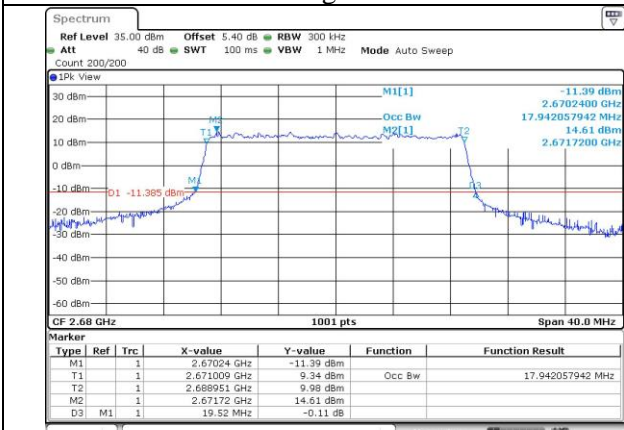


Fig.45

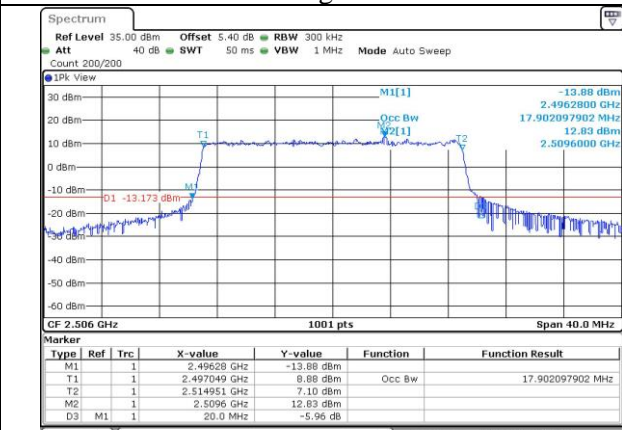


Fig.46

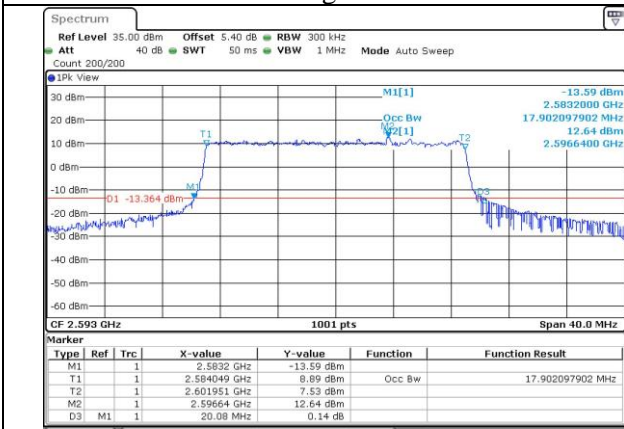


Fig.47

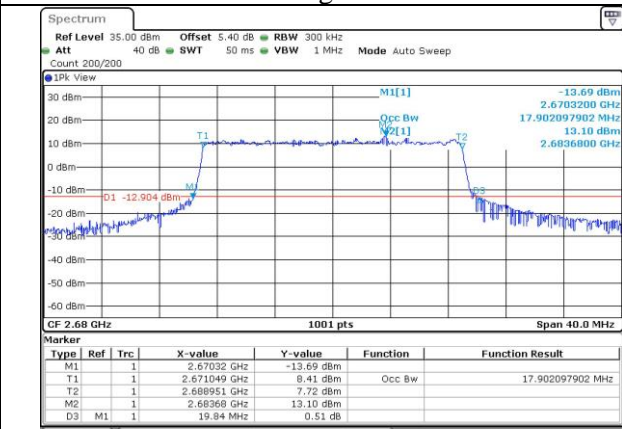


Fig.48

4 Peak-Average Ratio

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	QPSK	16-QAM	64-QAM	256-QAM
41	2506	39750	20	100	0	Fig.1	Fig.4	Fig.7	Fig.10
	2593	40620		100	0	Fig.2	Fig.5	Fig.8	Fig.11
	2680	41490		100	0	Fig.3	Fig.6	Fig.9	Fig.12

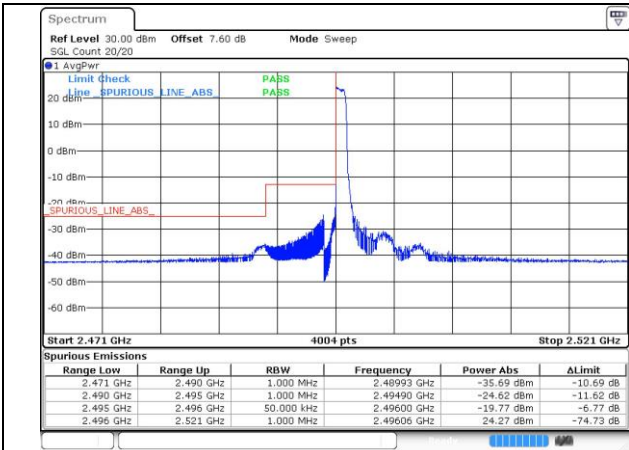


Fig.1

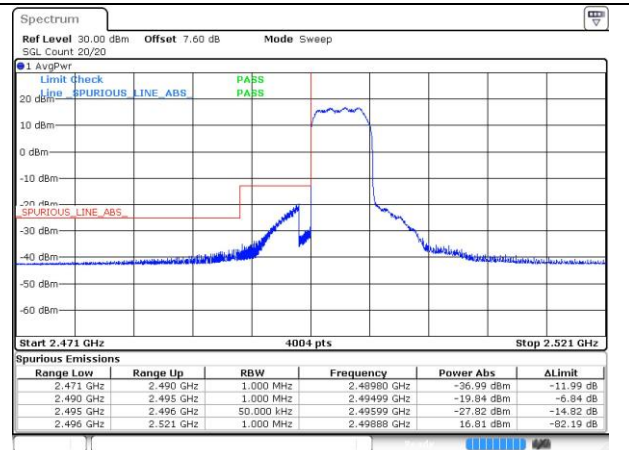


Fig.2



Fig.3

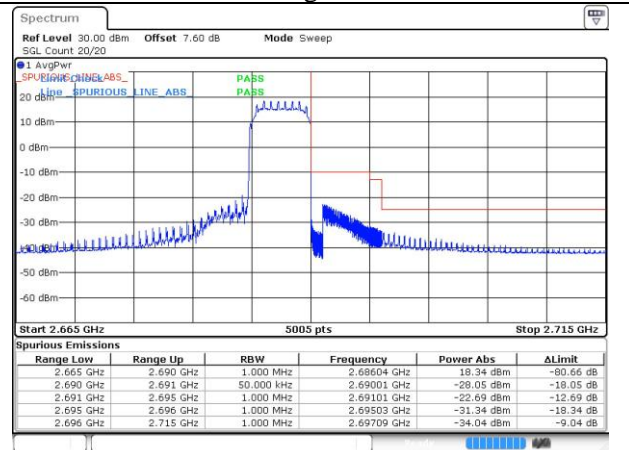


Fig.4

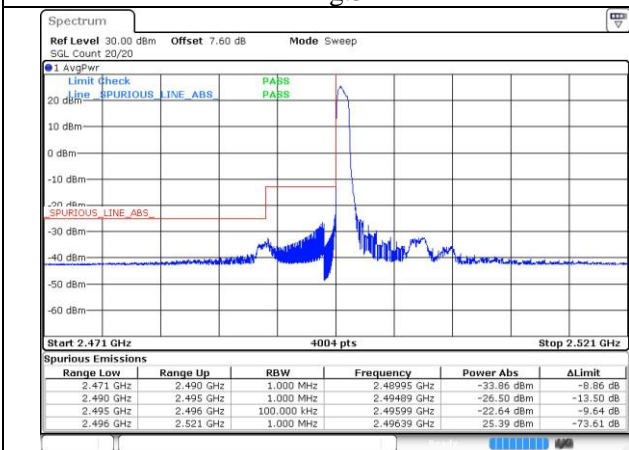


Fig.5

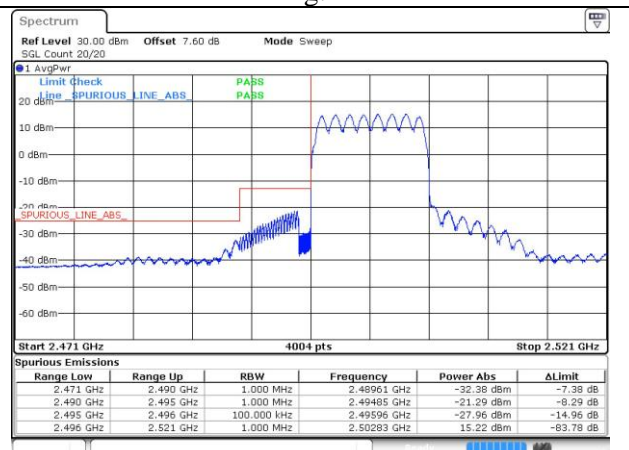


Fig.6

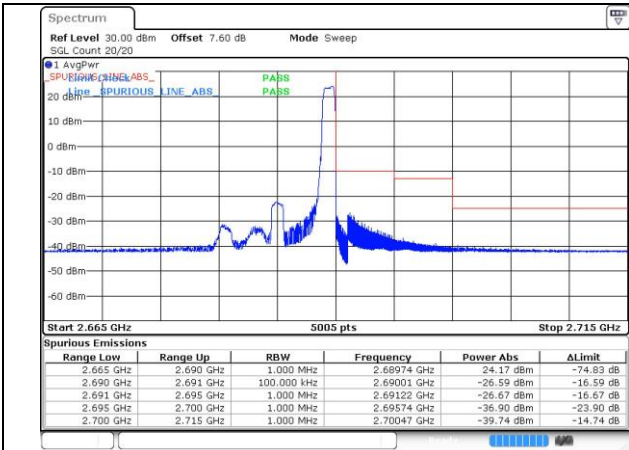


Fig.7

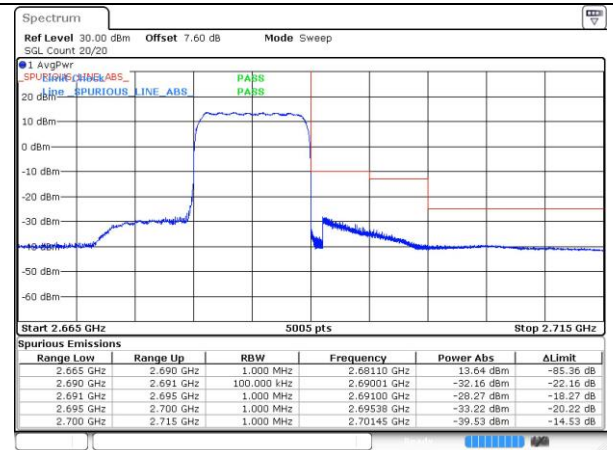


Fig.8

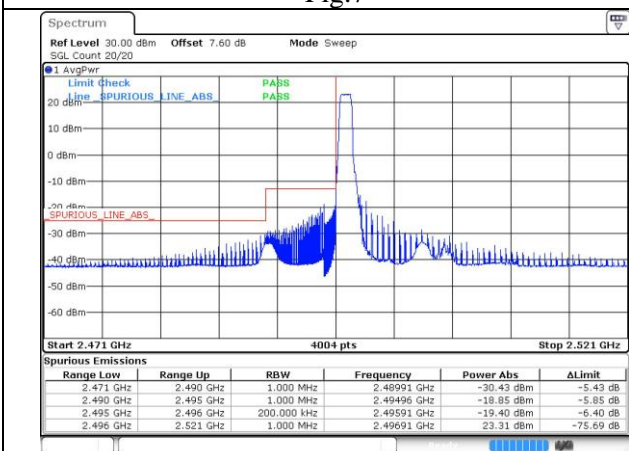


Fig.9

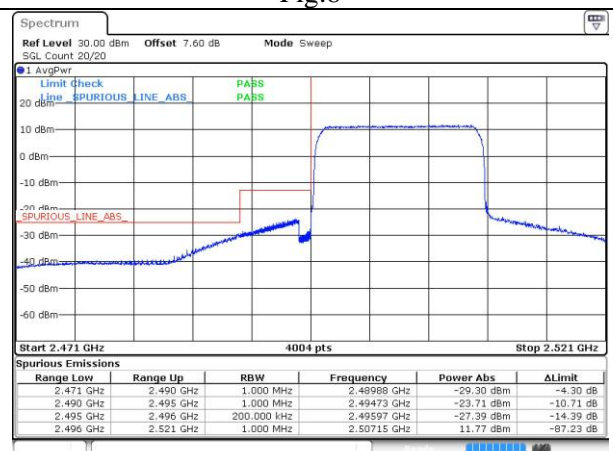


Fig.10

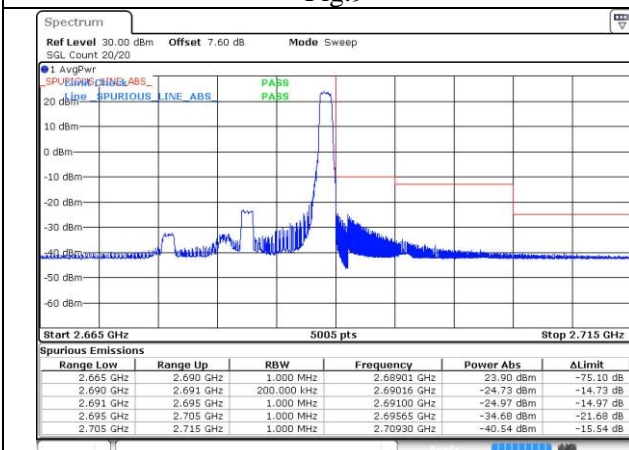


Fig.11

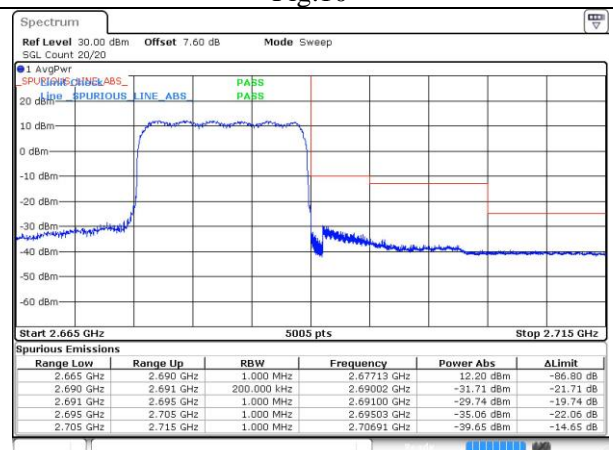


Fig.12

5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
41	2506	39750	20	1	0	Fig.1
	2593	40620		1	0	Fig.2
	2680	41490		1	0	Fig.3

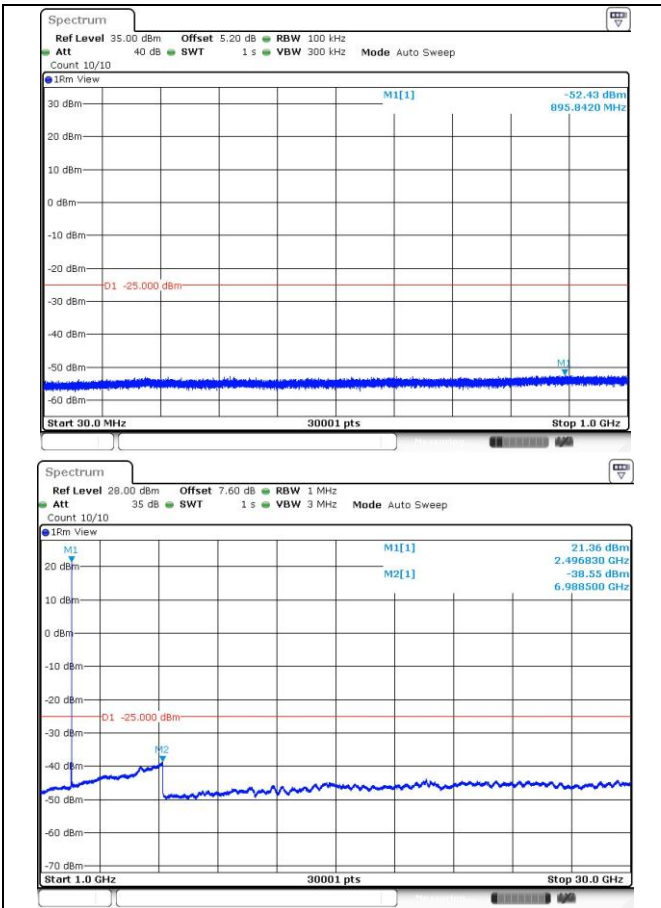


Fig.1

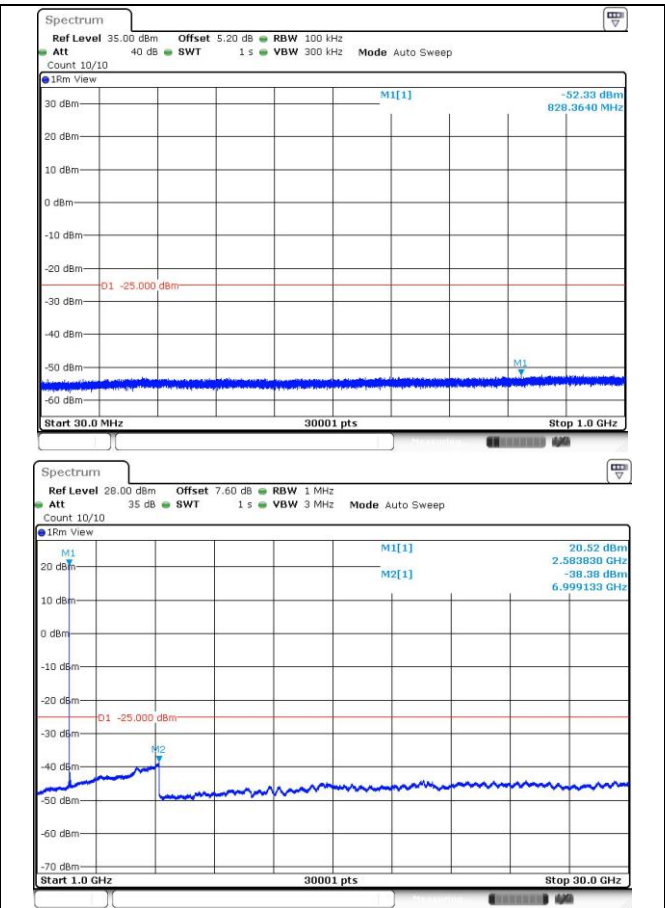
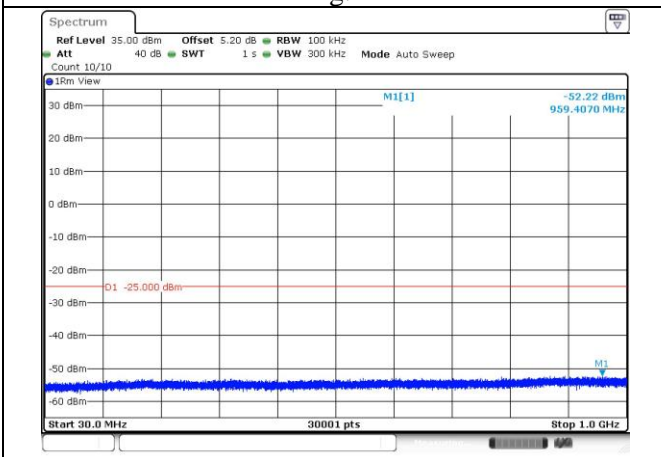


Fig.2



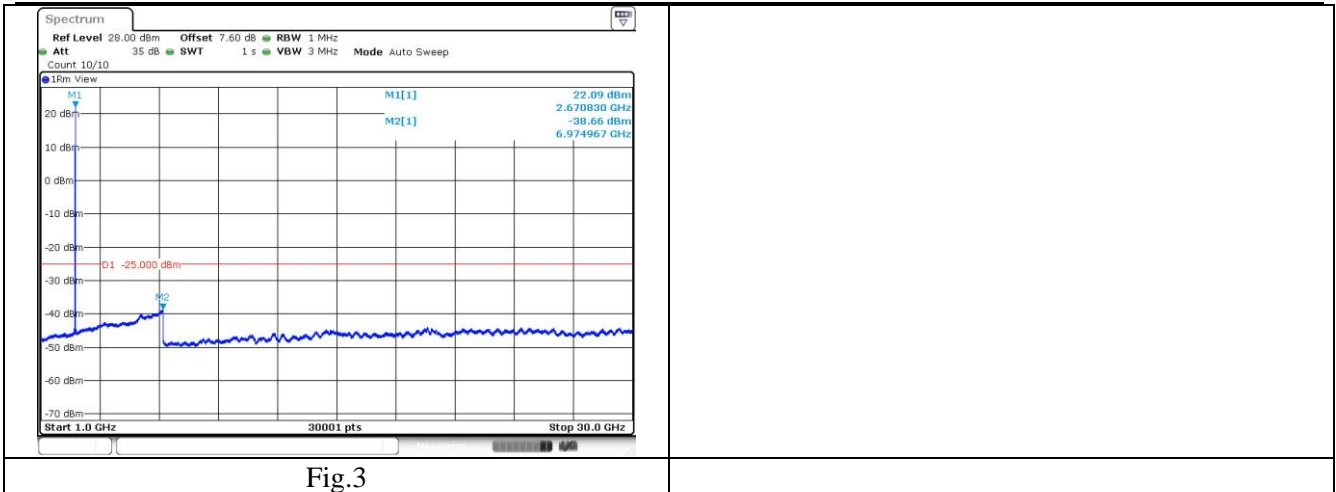


Fig.3

6 Band Edges Compliance

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot			
						QPSK			
41	2498.5	39675	5	1	0	Fig.1			
				25	0	Fig.2			
	2687.5	41565		1	24	Fig.3			
				25	0	Fig.4			
	2501	39700	10	1	0	Fig.5			
				50	0	Fig.6			
				2685	41540	1	49	Fig.7	
						50	0	Fig.8	
	2503.5	39725		15	1	0	Fig.9		
					75	0	Fig.10		
					2682.5	41515	1	74	Fig.11
							75	0	Fig.12
	2506	39750	20		1	0	Fig.13		
					100	0	Fig.14		
					2680	41490	1	99	Fig.15
							100	0	Fig.16

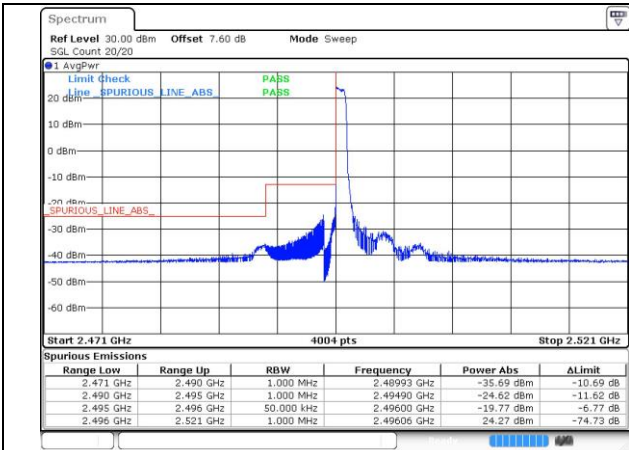


Fig.1

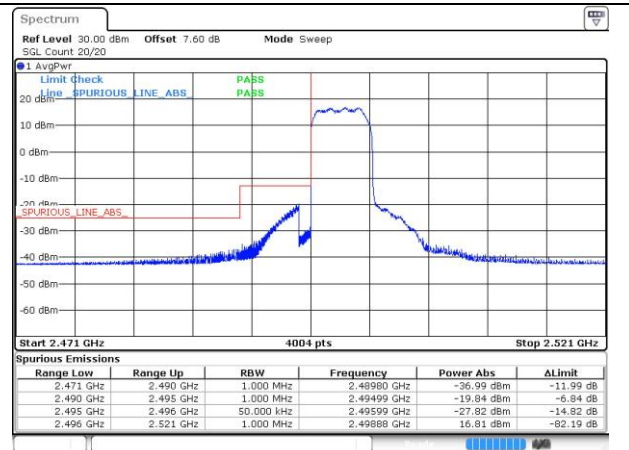


Fig.2



Fig.3

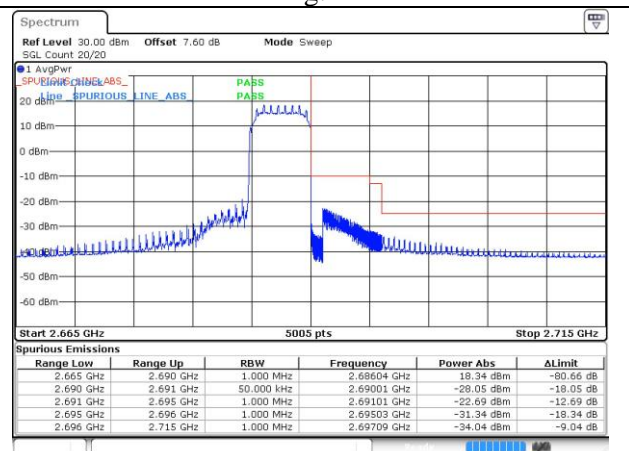


Fig.4

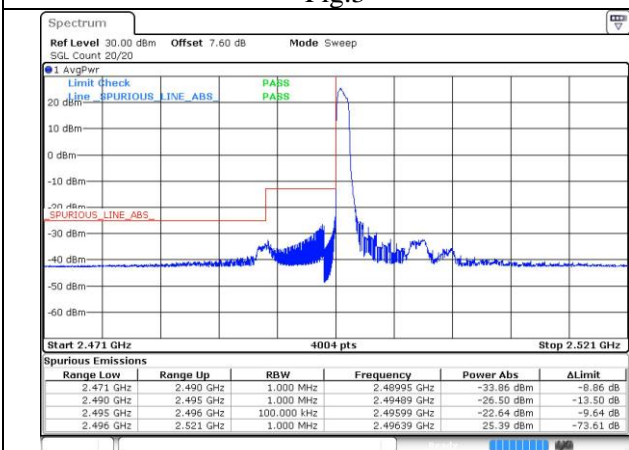


Fig.5

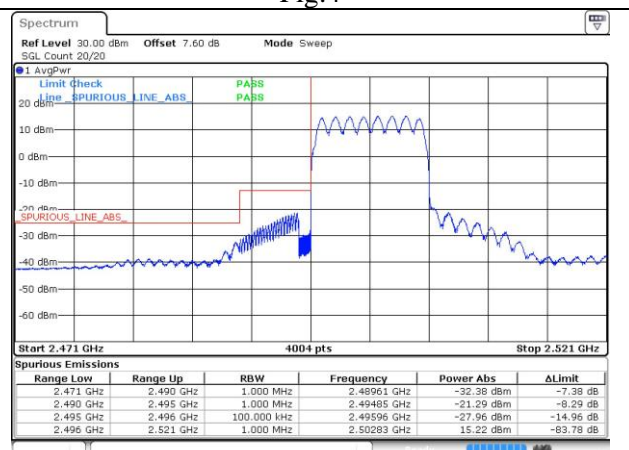


Fig.6

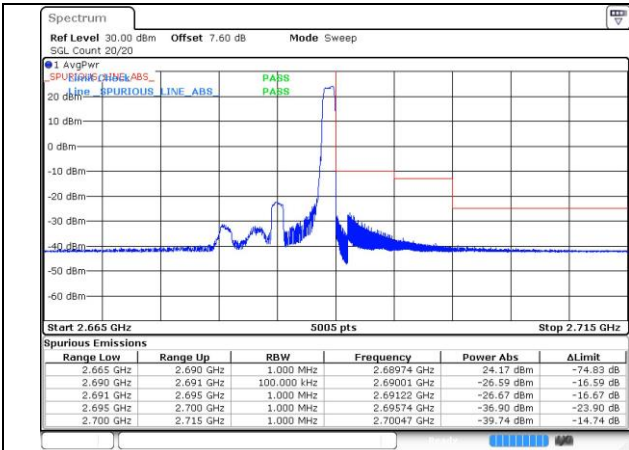


Fig.7

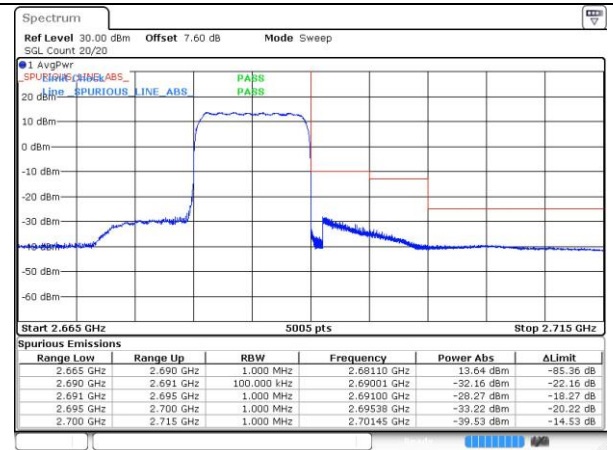


Fig.8

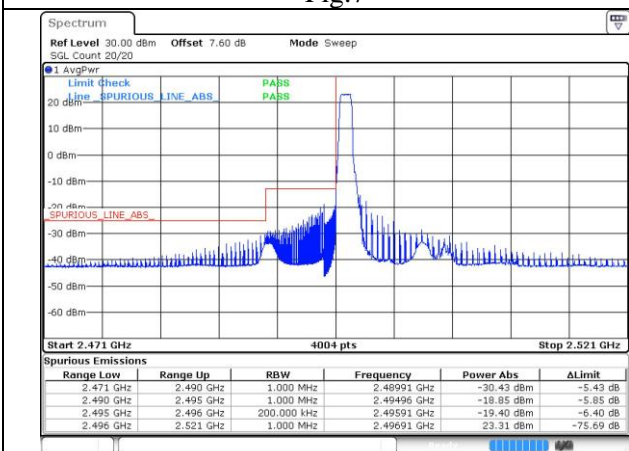


Fig.9

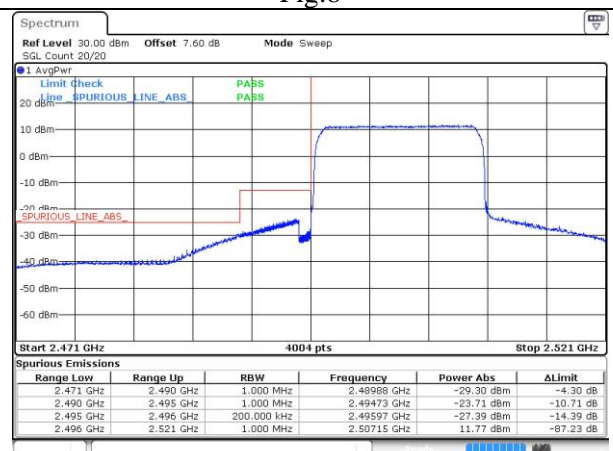


Fig.10

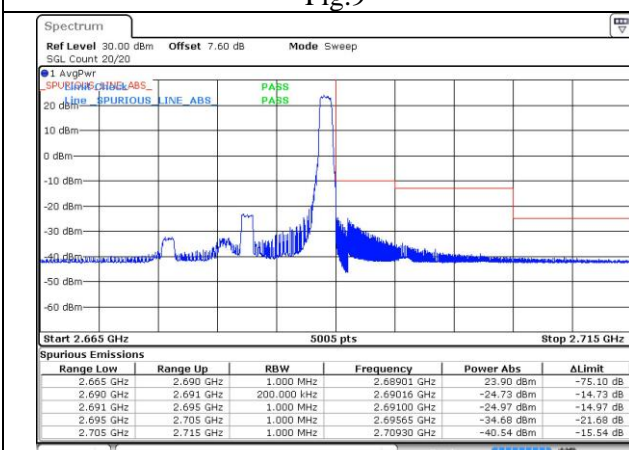


Fig.11

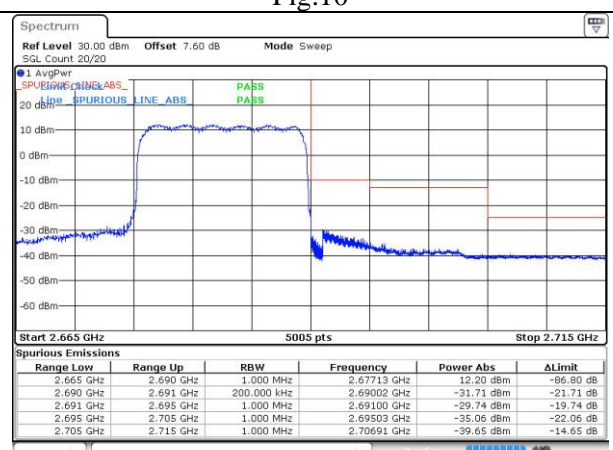


Fig.12

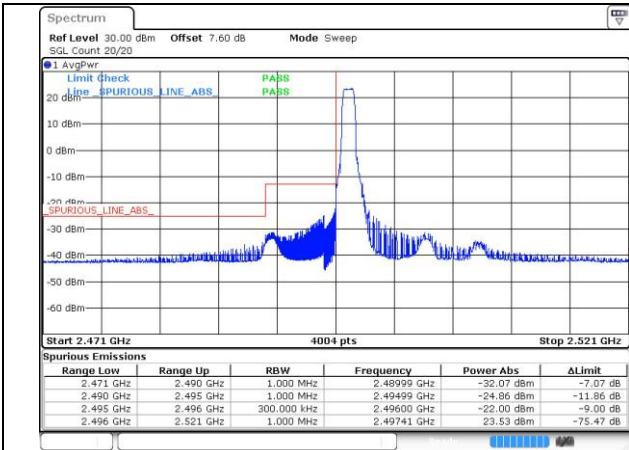


Fig.13

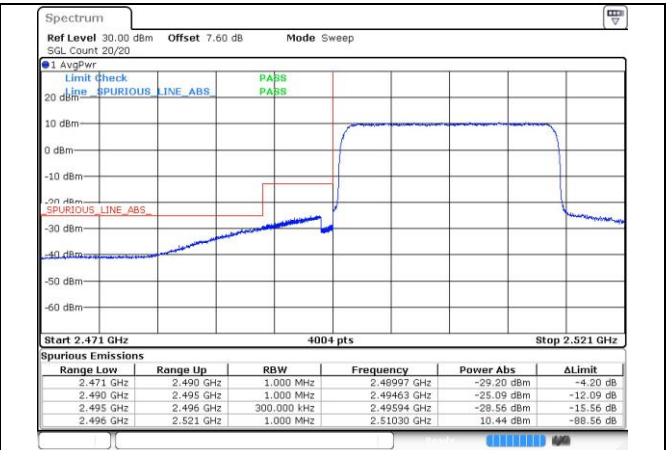


Fig.14

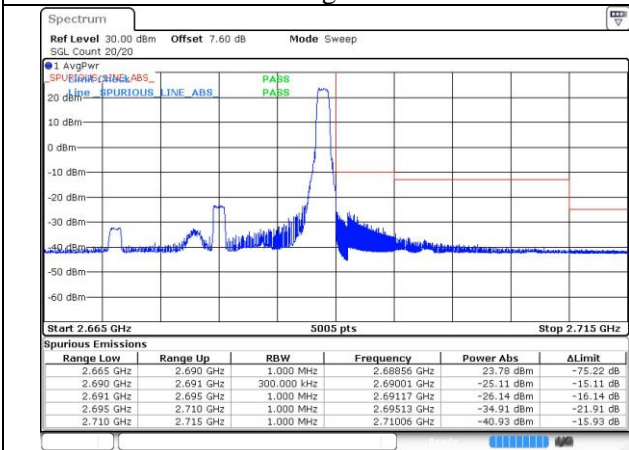


Fig.15

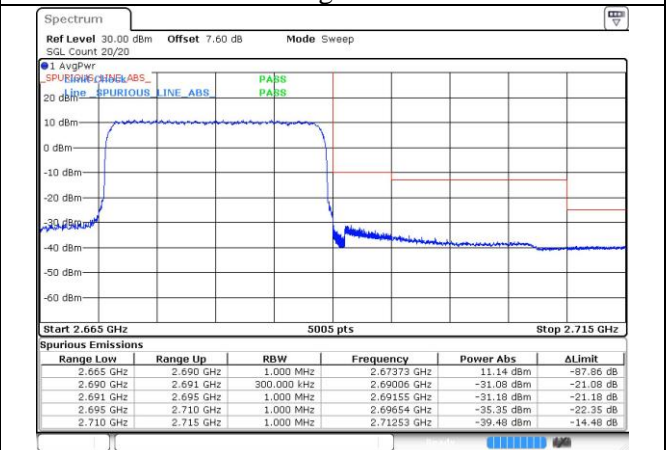


Fig.16

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band41 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-30	NV	---	---	---	---	---	0.000120
-20	NV	---	---	---	---	---	0.003152
-10	NV	---	---	---	---	---	0.001357
0	NV	---	---	---	---	---	0.002314
+10	NV	---	---	---	---	---	0.002594
+20	NV	---	---	---	---	---	0.003831
+30	NV	---	---	---	---	---	0.006425
+40	NV	---	---	---	---	---	-0.000080
+50	NV	---	---	---	---	---	0.004469
+20	LV	---	---	---	---	---	-0.000479
+20	HV	---	---	---	---	---	-0.001197

Temperature(°C)	Voltage	Test Result (ppm) Band41 High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-30	NV	---	---	---	---	---	0.003769
-20	NV	---	---	---	---	---	-0.002351
-10	NV	---	---	---	---	---	0.005000
0	NV	---	---	---	---	---	0.003843
+10	NV	---	---	---	---	---	0.002910
+20	NV	---	---	---	---	---	0.001231
+30	NV	---	---	---	---	---	0.001455
+40	NV	---	---	---	---	---	-0.000299
+50	NV	---	---	---	---	---	0.004142
+20	LV	---	---	---	---	---	0.003806
+20	HV	---	---	---	---	---	0.002425

8 Effective Radiated Power and Effective Isotropic Radiated Power

9	Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)	
9	QPSK	2498.5	39675	5	1	0	23.06	21.06	0.128	
					1	12	23.07	21.07	0.128	
					1	24	22.96	20.96	0.125	
					12	0	22.20	20.2	0.105	
					12	6	22.26	20.26	0.106	
					12	13	22.08	20.08	0.102	
					25	0	22.19	20.19	0.104	
		1	0		23.06	21.06	0.128			
		1	12		23.02	21.02	0.126			
		1	24		22.97	20.97	0.125			
		12	0		22.21	20.21	0.105			
		12	6		22.27	20.27	0.106			
		12	13		22.12	20.12	0.103			
		25	0		22.17	20.17	0.104			
		1	0		22.90	20.9	0.123			
	1	12	22.90		20.9	0.123				
	1	24	22.86		20.86	0.122				
	12	0	22.09		20.09	0.102				
	12	6	22.11		20.11	0.103				
	12	13	21.96		19.96	0.099				
	25	0	22.06		20.06	0.101				
	9	16QAM	2498.5		39675	1	0	22.29	20.29	0.107
						1	12	22.35	20.35	0.108
						1	24	22.33	20.33	0.108
						12	0	21.09	19.09	0.081
						12	6	21.27	19.27	0.085
						12	13	21.04	19.04	0.080
25				0		21.29	19.29	0.085		
1			0	22.32	20.32	0.108				
1			12	22.35	20.35	0.108				
1			24	22.33	20.33	0.108				
12			0	21.08	19.08	0.081				
12			6	21.25	19.25	0.084				
12			13	21.05	19.05	0.080				
25			0	21.25	19.25	0.084				
1			0	22.17	20.17	0.104				
1		12	22.22	20.22	0.105					
1		24	22.22	20.22	0.105					
12		0	20.92	18.92	0.078					
12		6	21.14	19.14	0.082					
12		13	20.92	18.92	0.078					
25		0	21.11	19.11	0.081					

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)	
64QAM	2498.5	39675	5	1	0	21.00	19	0.079	
				1	12	21.03	19.03	0.080	
				1	24	20.88	18.88	0.077	
				12	0	20.18	18.18	0.066	
				12	6	20.20	18.2	0.066	
				12	13	19.99	17.99	0.063	
				25	0	20.17	18.17	0.066	
	2593	40620		1	0	20.99	18.99	0.079	
				1	12	20.92	18.92	0.078	
				1	24	20.93	18.93	0.078	
				12	0	20.15	18.15	0.065	
				12	6	20.18	18.18	0.066	
				12	13	20.02	18.02	0.063	
				25	0	20.10	18.1	0.065	
	2687.5	41565		1	0	20.82	18.82	0.076	
				1	12	20.81	18.81	0.076	
				1	24	20.79	18.79	0.076	
				12	0	20.04	18.04	0.064	
				12	6	20.07	18.07	0.064	
				12	13	19.87	17.87	0.061	
				25	0	20.04	18.04	0.064	
	256QAM	2498.5		39675	1	0	18.23	16.23	0.042
					1	12	18.3	16.3	0.043
					1	24	18.25	16.25	0.042
12			0		18.05	16.05	0.040		
12			6		18.19	16.19	0.042		
12			13		18	16	0.040		
25			0		18.27	16.27	0.042		
2593		40620	1	0	18.29	16.29	0.043		
			1	12	18.25	16.25	0.042		
			1	24	18.24	16.24	0.042		
			12	0	18.02	16.02	0.040		
			12	6	18.2	16.2	0.042		
			12	13	18	16	0.040		
			25	0	18.15	16.15	0.041		
2687.5		41565	1	0	18.15	16.15	0.041		
			1	12	18.19	16.19	0.042		
			1	24	18.20	16.2	0.042		
			12	0	17.82	15.82	0.038		
			12	6	18.10	16.1	0.041		
			12	13	17.82	15.82	0.038		
			25	0	18.07	16.07	0.040		

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
QPSK	2501	39700	10	1	0	23.18	21.18	0.131
				1	24	23.09	21.09	0.129
				1	49	23.13	21.13	0.130
				25	0	22.41	20.41	0.110
				25	12	22.39	20.39	0.109
				25	25	22.49	20.49	0.112
				50	0	22.49	20.49	0.112
	2593	40620		1	0	23.21	21.21	0.132
				1	24	23.15	21.15	0.130
				1	49	23.16	21.16	0.131
				25	0	22.32	20.32	0.108
				25	12	22.43	20.43	0.110
				25	25	22.26	20.26	0.106
				50	0	22.30	20.3	0.107
	2685	41540		1	0	23.04	21.04	0.127
				1	24	23.13	21.13	0.130
				1	49	23.10	21.1	0.129
				25	0	22.18	20.18	0.104
				25	12	22.27	20.27	0.106
				25	25	22.10	20.1	0.102
				50	0	22.14	20.14	0.103
16QAM	2501	39700	1	0	22.58	20.58	0.114	
			1	24	22.20	20.2	0.105	
			1	49	22.52	20.52	0.113	
			25	0	21.54	19.54	0.090	
			25	12	21.43	19.43	0.088	
			25	25	21.50	19.5	0.089	
			50	0	21.46	19.46	0.088	
	2593	40620	1	0	22.47	20.47	0.111	
			1	24	22.24	20.24	0.106	
			1	49	22.35	20.35	0.108	
			25	0	21.41	19.41	0.087	
			25	12	21.36	19.36	0.086	
			25	25	21.37	19.37	0.086	
			50	0	21.41	19.41	0.087	
	2685	41540	1	0	22.32	20.32	0.108	
			1	24	22.11	20.11	0.103	
			1	49	22.17	20.17	0.104	
			25	0	21.26	19.26	0.084	
			25	12	21.26	19.26	0.084	
			25	25	21.25	19.25	0.084	
			50	0	21.24	19.24	0.084	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
64QAM	2501	39700	10	1	0	21.15	19.15	0.082
				1	24	20.99	18.99	0.079
				1	49	21.07	19.07	0.081
				25	0	20.38	18.38	0.069
				25	12	20.37	18.37	0.069
				25	25	20.41	18.41	0.069
				50	0	20.40	18.4	0.069
	2593	40620		1	0	21.11	19.11	0.081
				1	24	21.11	19.11	0.081
				1	49	21.06	19.06	0.081
				25	0	20.26	18.26	0.067
				25	12	20.41	18.41	0.069
				25	25	20.23	18.23	0.067
				50	0	20.28	18.28	0.067
	2685	41540		1	0	21.00	19	0.079
				1	24	21.06	19.06	0.081
				1	49	21.08	19.08	0.081
				25	0	20.12	18.12	0.065
				25	12	20.19	18.19	0.066
				25	25	20.04	18.04	0.064
				50	0	20.05	18.05	0.064
256QAM	2501	39700	1	0	18.54	16.54	0.045	
			1	24	18.13	16.13	0.041	
			1	49	18.50	16.5	0.045	
			25	0	18.51	16.51	0.045	
			25	12	18.33	16.33	0.043	
			25	25	18.48	16.48	0.044	
			50	0	18.36	16.36	0.043	
	2593	40620	1	0	18.45	16.45	0.044	
			1	24	18.20	16.2	0.042	
			1	49	18.29	16.29	0.043	
			25	0	18.37	16.37	0.043	
			25	12	18.33	16.33	0.043	
			25	25	18.33	16.33	0.043	
			50	0	18.34	16.34	0.043	
	2685	41540	1	0	18.27	16.27	0.042	
			1	24	18.06	16.06	0.040	
			1	49	18.14	16.14	0.041	
			25	0	18.19	16.19	0.042	
			25	12	18.23	16.23	0.042	
			25	25	18.22	16.22	0.042	
			50	0	18.19	16.19	0.042	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
QPSK	2503.5	39725	15	1	0	23.09	21.09	0.129
				1	38	23.04	21.04	0.127
				1	74	23.13	21.13	0.130
				38	0	22.28	20.28	0.107
				38	18	22.35	20.35	0.108
				38	37	22.09	20.09	0.102
				75	0	22.31	20.31	0.107
	2593	40620		1	0	23.08	21.08	0.128
				1	38	23.01	21.01	0.126
				1	74	23.14	21.14	0.130
				38	0	22.29	20.29	0.107
				38	18	22.34	20.34	0.108
				38	37	22.09	20.09	0.102
				75	0	22.33	20.33	0.108
	2682.5	41515		1	0	22.91	20.91	0.123
				1	38	22.91	20.91	0.123
				1	74	23.02	21.02	0.126
				38	0	22.11	20.11	0.103
				38	18	22.19	20.19	0.104
				38	37	21.98	19.98	0.100
				75	0	22.20	20.2	0.105
16QAM	2503.5	39725	1	0	22.49	20.49	0.112	
			1	38	22.29	20.29	0.107	
			1	74	22.15	20.15	0.104	
			38	0	21.34	19.34	0.086	
			38	18	21.30	19.3	0.085	
			38	37	21.28	19.28	0.085	
			75	0	21.24	19.24	0.084	
	2593	40620	1	0	22.54	20.54	0.113	
			1	38	22.29	20.29	0.107	
			1	74	22.16	20.16	0.104	
			38	0	21.31	19.31	0.085	
			38	18	21.31	19.31	0.085	
			38	37	21.31	19.31	0.085	
			75	0	21.23	19.23	0.084	
	2682.5	41515	1	0	22.37	20.37	0.109	
			1	38	22.16	20.16	0.104	
			1	74	22.00	20	0.100	
			38	0	21.19	19.19	0.083	
			38	18	21.18	19.18	0.083	
			38	37	21.17	19.17	0.083	
			75	0	21.11	19.11	0.081	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
64QAM	2503.5	39725	15	1	0	21.05	19.05	0.080
				1	38	20.95	18.95	0.079
				1	74	21.03	19.03	0.080
				38	0	20.21	18.21	0.066
				38	18	20.30	18.3	0.068
				38	37	20.03	18.03	0.064
				75	0	20.24	18.24	0.067
	2593	40620		1	0	21.02	19.02	0.080
				1	38	20.94	18.94	0.078
				1	74	21.11	19.11	0.081
				38	0	20.23	18.23	0.067
				38	18	20.29	18.29	0.067
				38	37	20.05	18.05	0.064
				75	0	20.25	18.25	0.067
	2682.5	41515		1	0	20.82	18.82	0.076
				1	38	20.89	18.89	0.077
				1	74	20.98	18.98	0.079
				38	0	20.03	18.03	0.064
				38	18	20.09	18.09	0.064
				38	37	19.91	17.91	0.062
				75	0	20.16	18.16	0.065
256QAM	2503.5	39725	1	0	18.41	16.41	0.044	
			1	38	18.19	16.19	0.042	
			1	74	18.13	16.13	0.041	
			38	0	18.28	16.28	0.042	
			38	18	18.27	16.27	0.042	
			38	37	18.24	16.24	0.042	
			75	0	18.14	16.14	0.041	
	2593	40620	1	0	18.45	16.45	0.044	
			1	38	18.27	16.27	0.042	
			1	74	18.11	16.11	0.041	
			38	0	18.27	16.27	0.042	
			38	18	18.26	16.26	0.042	
			38	37	18.26	16.26	0.042	
			75	0	18.21	16.21	0.042	
	2682.5	41515	1	0	18.34	16.34	0.043	
			1	38	18.09	16.09	0.041	
			1	74	17.90	15.9	0.039	
			38	0	18.15	16.15	0.041	
			38	18	18.09	16.09	0.041	
			38	37	18.15	16.15	0.041	
			75	0	18.06	16.06	0.040	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
QPSK	2506	39750	20	1	0	22.87	20.87	0.122
				1	49	22.99	20.99	0.126
				1	99	23.07	21.07	0.128
				50	0	22.06	20.06	0.101
				50	25	22.01	20.01	0.100
				50	50	21.86	19.86	0.097
				100	0	21.86	19.86	0.097
	2593	40620		1	0	22.91	20.91	0.123
				1	49	23.04	21.04	0.127
				1	99	23.20	21.2	0.132
				50	0	22.07	20.07	0.102
				50	25	22.04	20.04	0.101
				50	50	21.86	19.86	0.097
				100	0	21.86	19.86	0.097
	2680	41490		1	0	22.89	20.89	0.123
				1	49	22.95	20.95	0.124
				1	99	22.96	20.96	0.125
				50	0	21.90	19.9	0.098
				50	25	21.74	19.74	0.094
				50	50	21.71	19.71	0.094
				100	0	21.89	19.89	0.097
16QAM	2506	39750	1	0	22.05	20.05	0.101	
			1	49	21.90	19.9	0.098	
			1	99	21.95	19.95	0.099	
			50	0	20.84	18.84	0.077	
			50	25	20.98	18.98	0.079	
			50	50	20.86	18.86	0.077	
			100	0	20.89	18.89	0.077	
	2593	40620	1	0	22.04	20.04	0.101	
			1	49	21.89	19.89	0.097	
			1	99	21.99	19.99	0.100	
			50	0	20.85	18.85	0.077	
			50	25	20.94	18.94	0.078	
			50	50	20.86	18.86	0.077	
			100	0	20.93	18.93	0.078	
	2680	41490	1	0	21.72	19.72	0.094	
			1	49	21.80	19.8	0.095	
			1	99	21.68	19.68	0.093	
			50	0	20.79	18.79	0.076	
			50	25	20.73	18.73	0.075	
			50	50	20.74	18.74	0.075	
			100	0	20.94	18.94	0.078	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
64QAM	2506	39750	20	1	0	20.81	18.81	0.076
				1	49	20.91	18.91	0.078
				1	99	21.03	19.03	0.080
				50	0	19.97	17.97	0.063
				50	25	19.91	17.91	0.062
				50	50	19.83	17.83	0.061
				100	0	19.76	17.76	0.060
	2593	40620		1	0	20.84	18.84	0.077
				1	49	20.94	18.94	0.078
				1	99	21.18	19.18	0.083
				50	0	19.98	17.98	0.063
				50	25	19.96	17.96	0.063
				50	50	19.77	17.77	0.060
				100	0	19.79	17.79	0.060
	2680	41490		1	0	20.87	18.87	0.077
				1	49	20.86	18.86	0.077
				1	99	20.88	18.88	0.077
				50	0	19.86	17.86	0.061
				50	25	19.68	17.68	0.059
				50	50	19.63	17.63	0.058
				100	0	19.85	17.85	0.061
256QAM	2506	39750	1	0	18.01	16.01	0.040	
			1	49	17.85	15.85	0.038	
			1	99	17.86	15.86	0.039	
			50	0	17.81	15.81	0.038	
			50	25	17.93	15.93	0.039	
			50	50	17.82	15.82	0.038	
			100	0	17.79	15.79	0.038	
	2593	40620	1	0	18.01	16.01	0.040	
			1	49	17.86	15.86	0.039	
			1	99	17.95	15.95	0.039	
			50	0	17.77	15.77	0.038	
			50	25	17.85	15.85	0.038	
			50	50	17.81	15.81	0.038	
			100	0	17.88	15.88	0.039	
	2680	41490	1	0	17.68	15.68	0.037	
			1	49	17.76	15.76	0.038	
			1	99	17.59	15.59	0.036	
			50	0	17.75	15.75	0.038	
			50	25	17.69	15.69	0.037	
			50	50	17.68	15.68	0.037	
			100	0	17.87	15.87	0.039	

Test on the worst case:

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
Band41	10MHz	QPSK	40620	1RB#0	23.02	21.02	0.126
				1RB#24	23.01	21.01	0.126
				1RB#49	23.02	21.02	0.126