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
				25	0	22.17
	2687.5	41565		1	0	22.90
				1	12	22.90
				1	24	22.86
				12	0	22.09
				12	6	22.11
				12	13	21.96
				25	0	22.06
16QAM	2498.5	39675		1	0	22.29
				1	12	22.35
				1	24	22.33
				12	0	21.09
				12	6	21.27
				12	13	21.04
				25	0	21.29
	2593	40620		1	0	22.32
				1	12	22.35
				1	24	22.33
				12	0	21.08
				12	6	21.25
				12	13	21.05
				25	0	21.25
	2687.5	41565		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
				25	0	20.17
	2593	40620		1	0	20.99
				1	12	20.92
				1	24	20.93
				12	0	20.15
				12	6	20.18
				12	13	20.02
				25	0	20.10
	2687.5	41565		1	0	20.82
				1	12	20.81
				1	24	20.79
				12	0	20.04
				12	6	20.07
				12	13	19.87
				25	0	20.04
256QAM	2498.5	39675		1	0	18.23
				1	12	18.3
				1	24	18.25
				12	0	18.05
				12	6	18.19
				12	13	18
				25	0	18.27
	2593	40620		1	0	18.29
				1	12	18.25
				1	24	18.24
				12	0	18.02
				12	6	18.2
				12	13	18
				25	0	18.15
	2687.5	41565		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
				50	0	22.49
	2593	40620		1	0	23.21
				1	24	23.15
				1	49	23.16
				25	0	22.32
				25	12	22.43
				25	25	22.26
				50	0	22.30
	2685	41540		1	0	23.04
				1	24	23.13
				1	49	23.10
				25	0	22.18
				25	12	22.27
				25	25	22.10
				50	0	22.14
16QAM	2501	39700		1	0	22.58
				1	24	22.20
				1	49	22.52
				25	0	21.54
				25	12	21.43
				25	25	21.50
				50	0	21.46
	2593	40620		1	0	22.47
				1	24	22.24
				1	49	22.35
				25	0	21.41
				25	12	21.36
				25	25	21.37
				50	0	21.41
	2685	41540		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
	2593	40620		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
	2685	41540		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
	2593	40620		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
	2685	41540		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
				75	0	22.31
	2593	40620		1	0	23.08
				1	38	23.01
				1	74	23.14
				38	0	22.29
				38	18	22.34
				38	37	22.09
				75	0	22.33
	2682.5	41515		1	0	22.91
				1	38	22.91
				1	74	23.02
				38	0	22.11
				38	18	22.19
				38	37	21.98
				75	0	22.20
16QAM	2503.5	39725		1	0	22.49
				1	38	22.29
				1	74	22.15
				38	0	21.34
				38	18	21.30
				38	37	21.28
				75	0	21.24
	2593	40620		1	0	22.54
				1	38	22.29
				1	74	22.16
				38	0	21.31
				38	18	21.31
				38	37	21.31
				75	0	21.23
	2682.5	41515		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
				75	0	20.24
	2593	40620		1	0	21.02
				1	38	20.94
				1	74	21.11
				38	0	20.23
				38	18	20.29
				38	37	20.05
				75	0	20.25
	2682.5	41515		1	0	20.82
				1	38	20.89
				1	74	20.98
				38	0	20.03
				38	18	20.09
				38	37	19.91
				75	0	20.16
256QAM	2503.5	39725		1	0	18.41
				1	38	18.19
				1	74	18.13
				38	0	18.28
				38	18	18.27
				38	37	18.24
				75	0	18.14
	2593	40620		1	0	18.45
				1	38	18.27
				1	74	18.11
				38	0	18.27
				38	18	18.26
				38	37	18.26
				75	0	18.21
	2682.5	41515		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
				100	0	21.86
	2593	40620		1	0	22.91
				1	49	23.04
				1	99	23.20
				50	0	22.07
				50	25	22.04
				50	50	21.86
				100	0	21.86
	2680	41490		1	0	22.89
				1	49	22.95
				1	99	22.96
				50	0	21.90
				50	25	21.74
				50	50	21.71
				100	0	21.89
16QAM	2506	39750		1	0	22.05
				1	49	21.90
				1	99	21.95
				50	0	20.84
				50	25	20.98
				50	50	20.86
				100	0	20.89
	2593	40620		1	0	22.04
				1	49	21.89
				1	99	21.99
				50	0	20.85
				50	25	20.94
				50	50	20.86
				100	0	20.93
	2680	41490		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
				100	0	19.76
	2593	40620		1	0	20.84
				1	49	20.94
				1	99	21.18
				50	0	19.98
				50	25	19.96
				50	50	19.77
				100	0	19.79
	2680	41490		1	0	20.87
				1	49	20.86
				1	99	20.88
				50	0	19.86
				50	25	19.68
				50	50	19.63
				100	0	19.85
256QAM	2506	39750		1	0	18.01
				1	49	17.85
				1	99	17.86
				50	0	17.81
				50	25	17.93
				50	50	17.82
				100	0	17.79
	2593	40620		1	0	18.01
				1	49	17.86
				1	99	17.95
				50	0	17.77
				50	25	17.85
				50	50	17.81
				100	0	17.88
	2680	41490		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	23.16
				1RB#24	23.14
				1RB#49	23.1

2 Occupied Bandwidth

Band	Carrier frequerncy (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 frequerncy (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

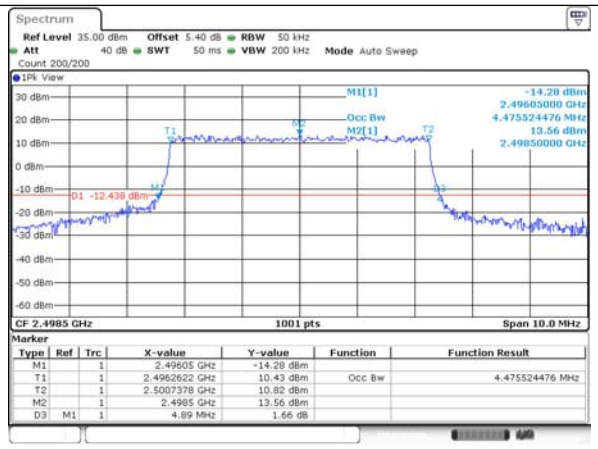


Fig.1

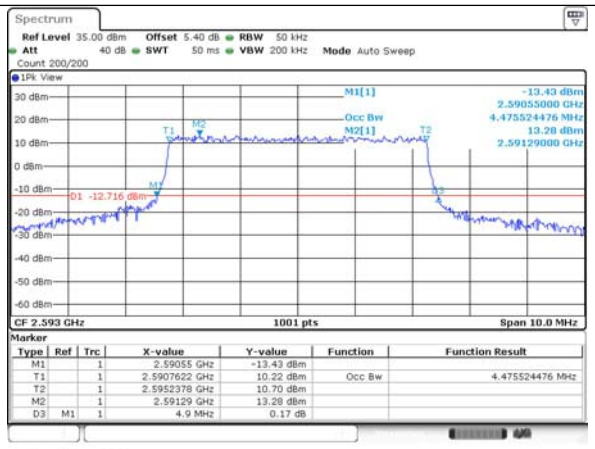


Fig.2

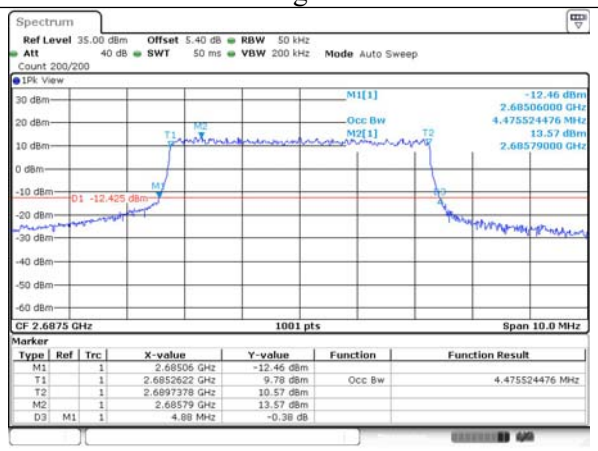


Fig.3

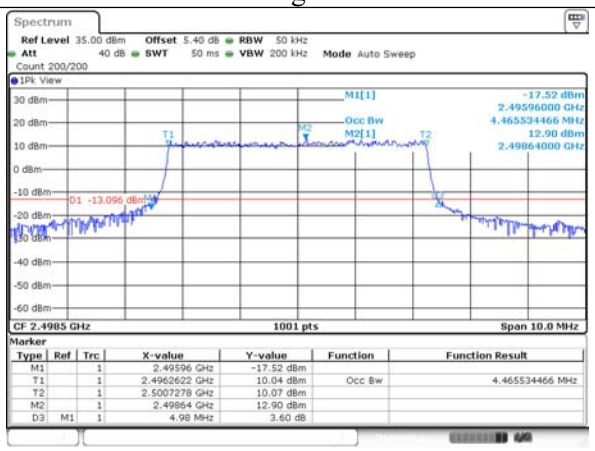


Fig.4

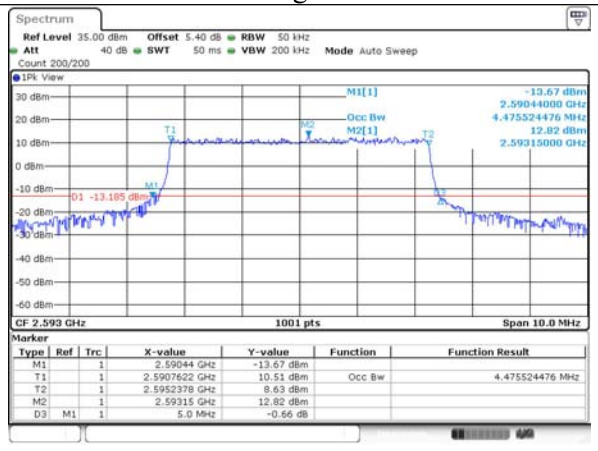


Fig.5

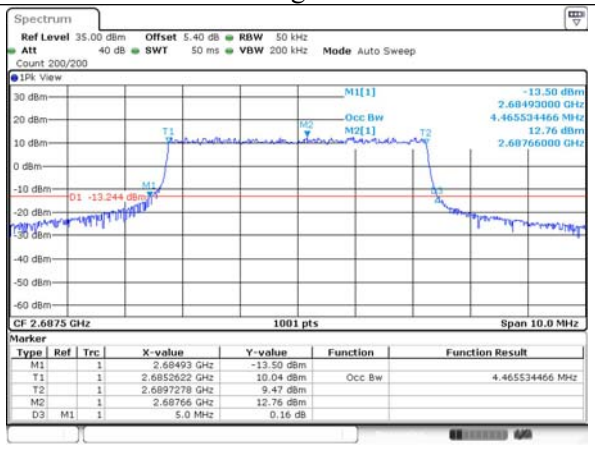


Fig.6

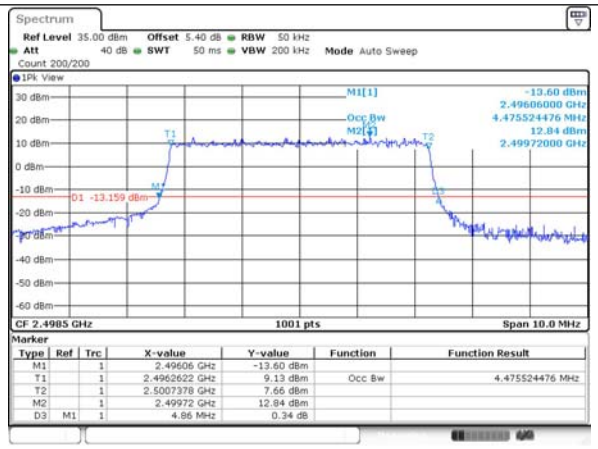


Fig.7

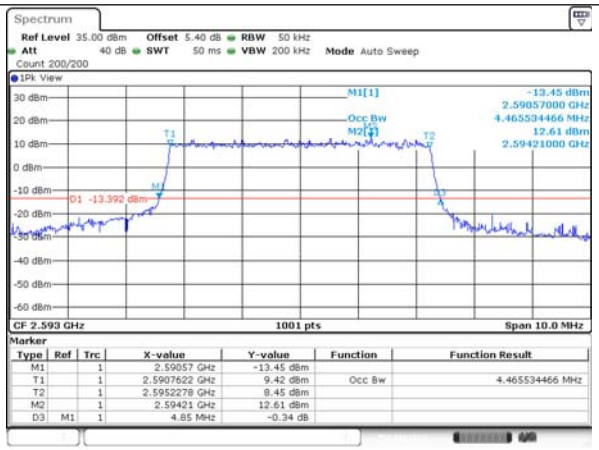


Fig.8

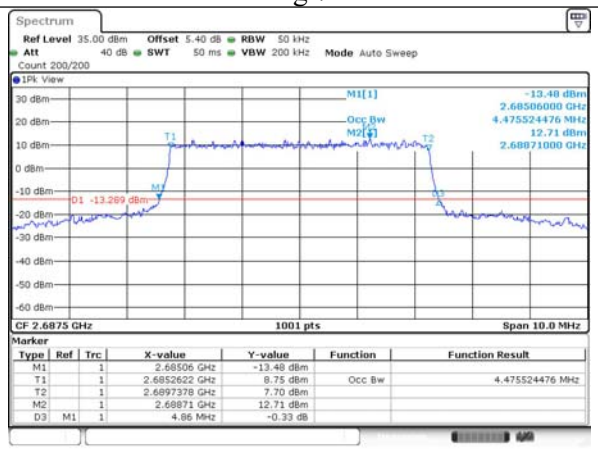


Fig.9

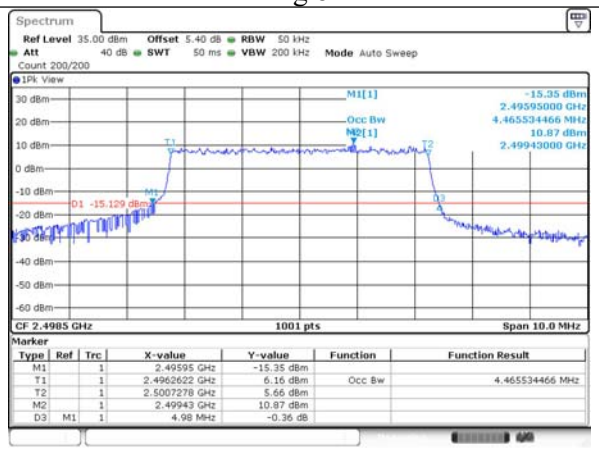


Fig.10

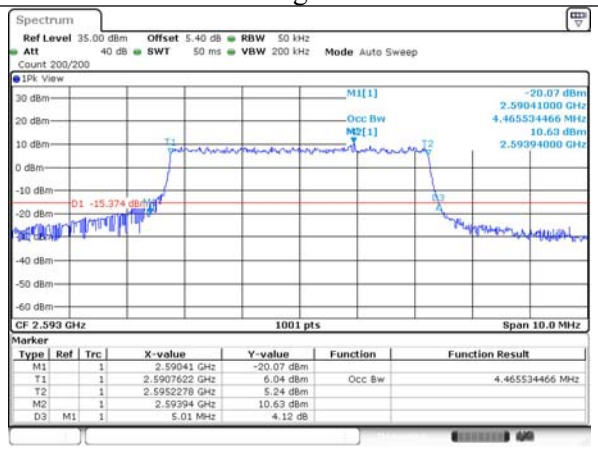


Fig.11

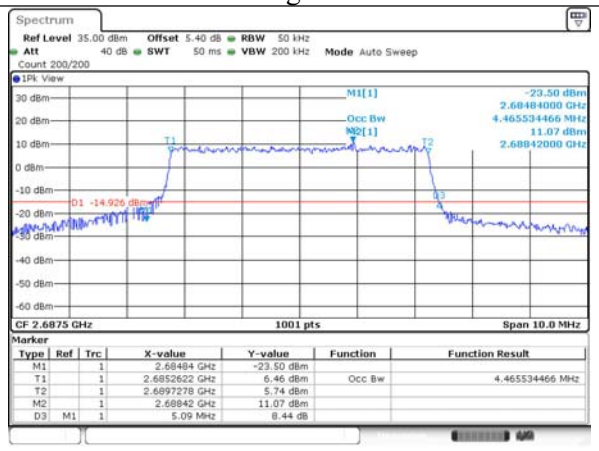


Fig.12

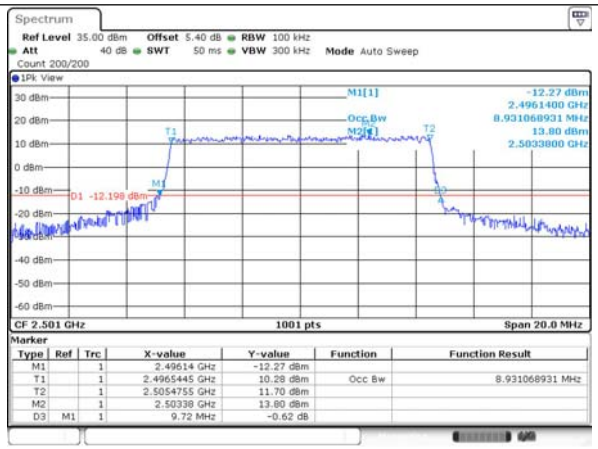


Fig.13

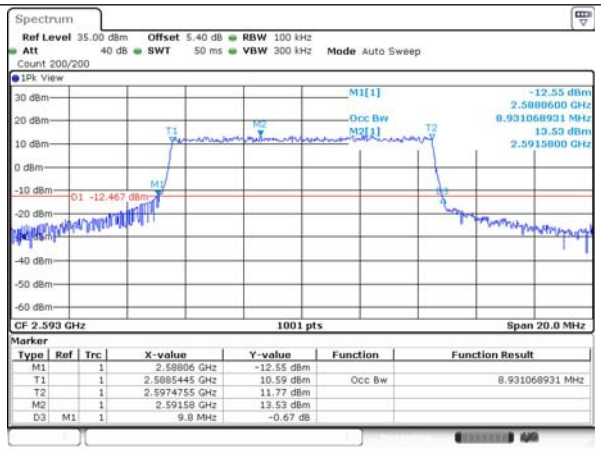


Fig.14

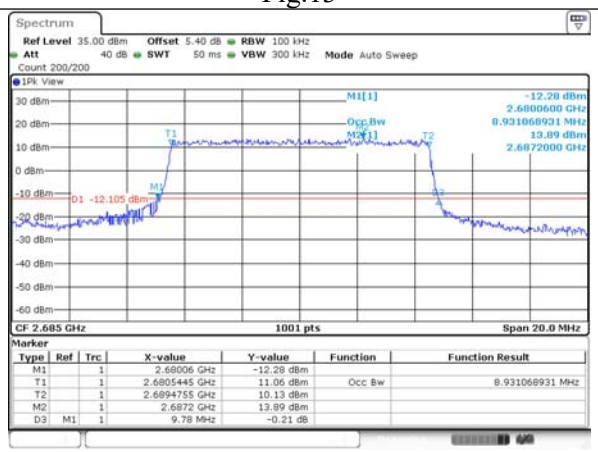


Fig.15

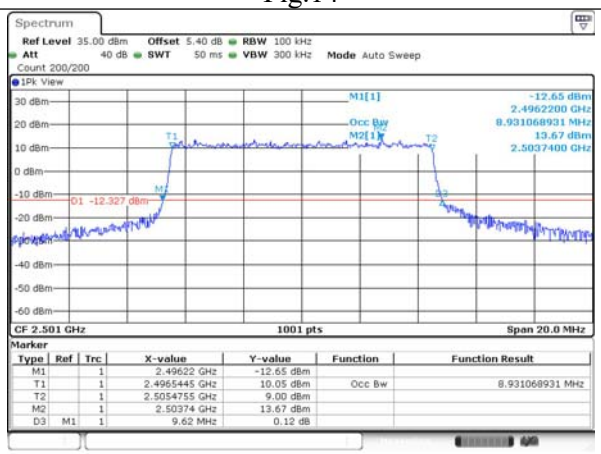


Fig.16

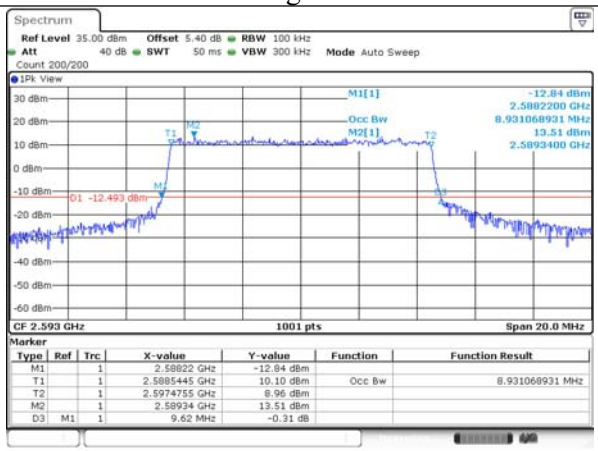


Fig.17

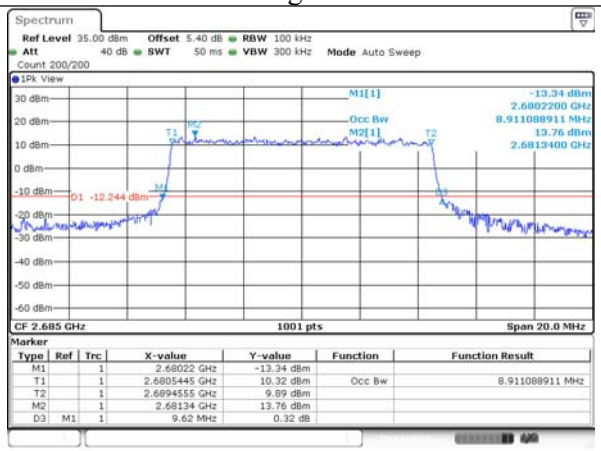


Fig.18

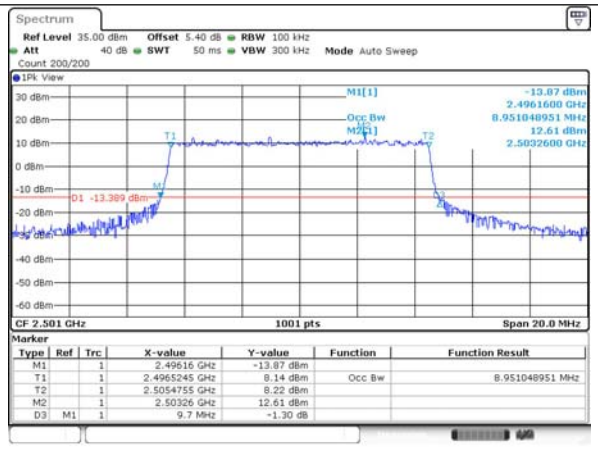


Fig.19

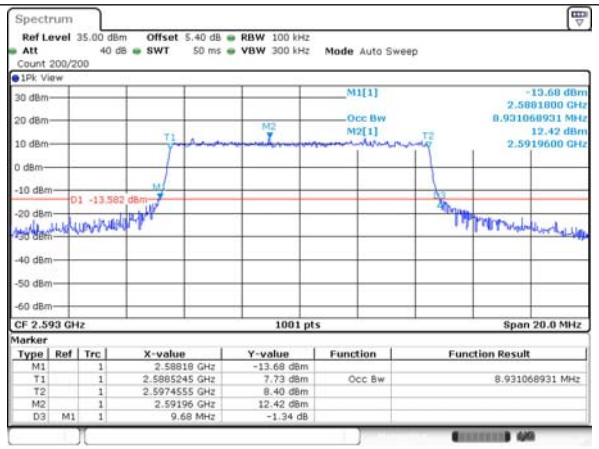


Fig.20

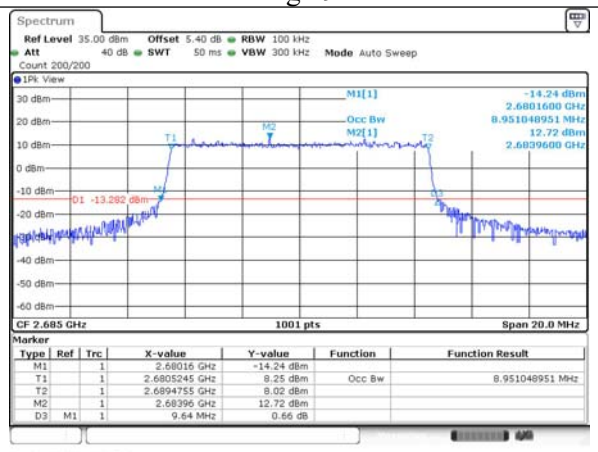


Fig.21

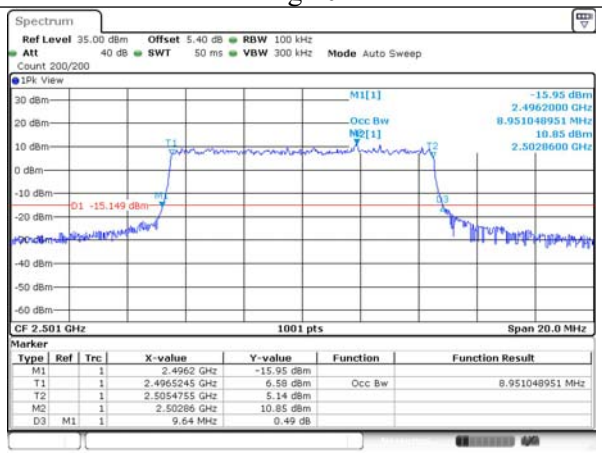


Fig.22

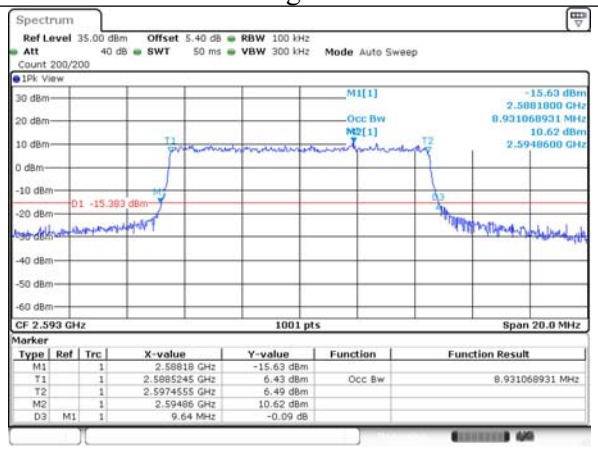


Fig.23

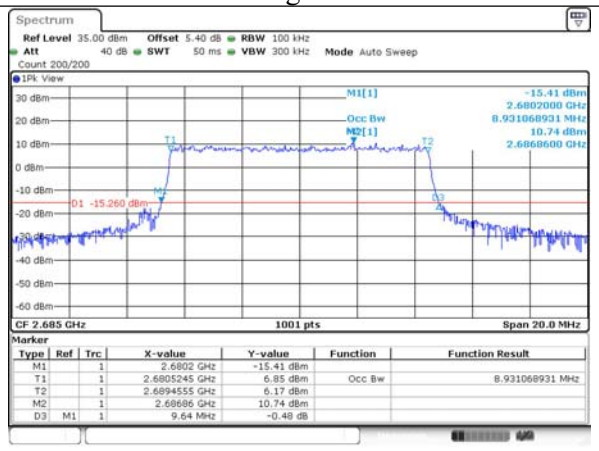


Fig.24

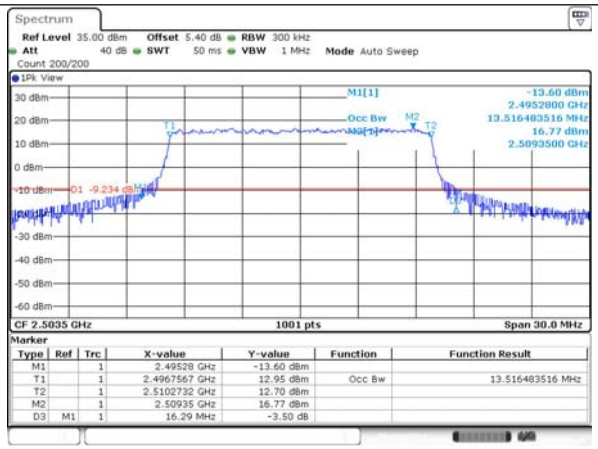


Fig.25

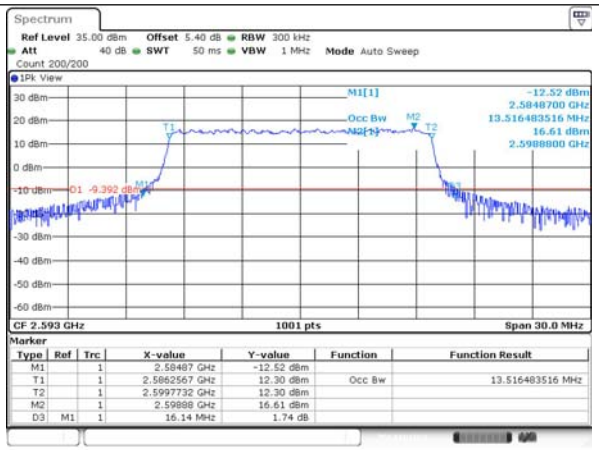


Fig.26

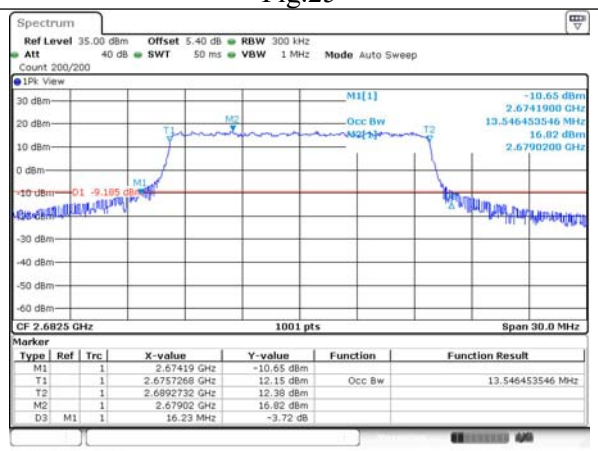


Fig.27

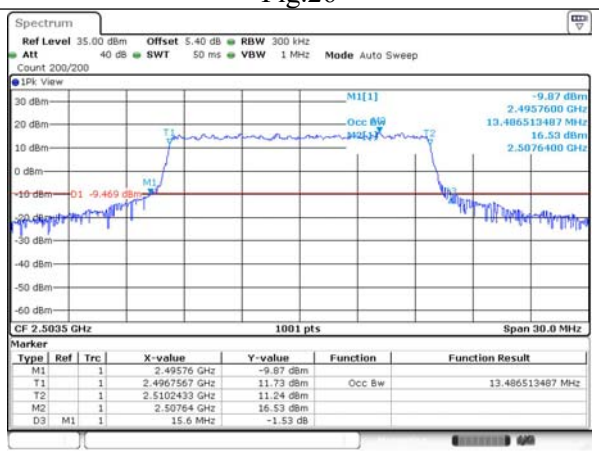


Fig.28

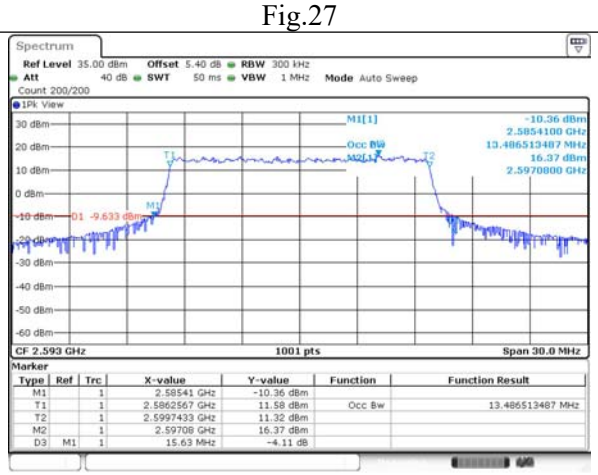


Fig.29

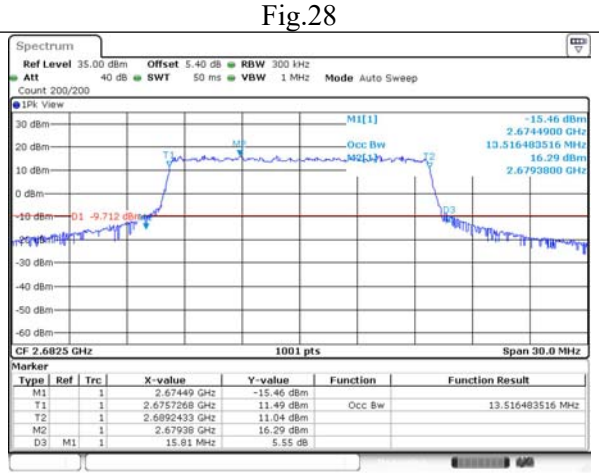


Fig.30

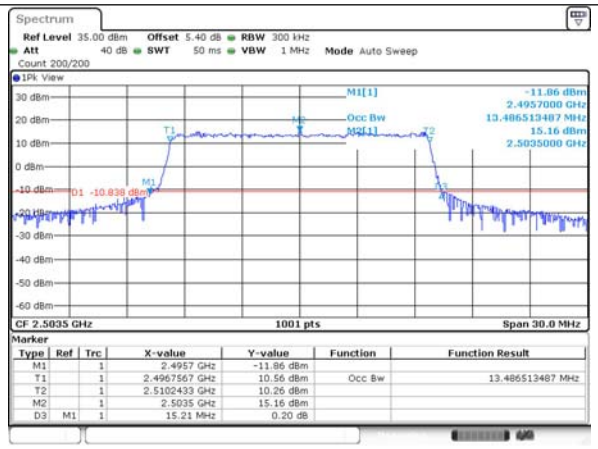


Fig.31

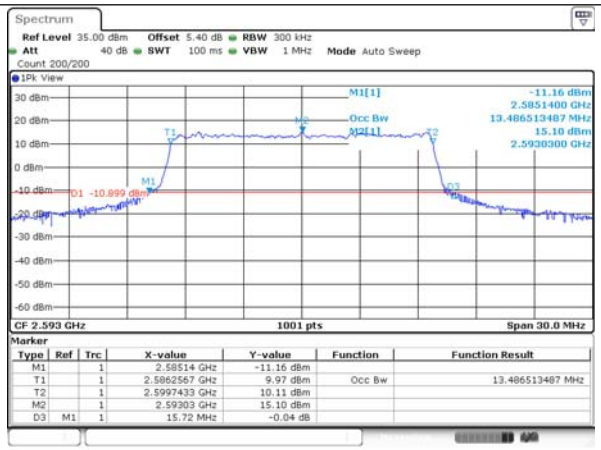


Fig.32

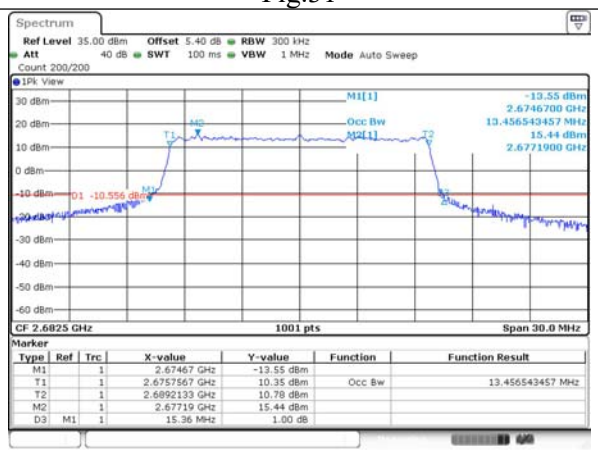


Fig.33

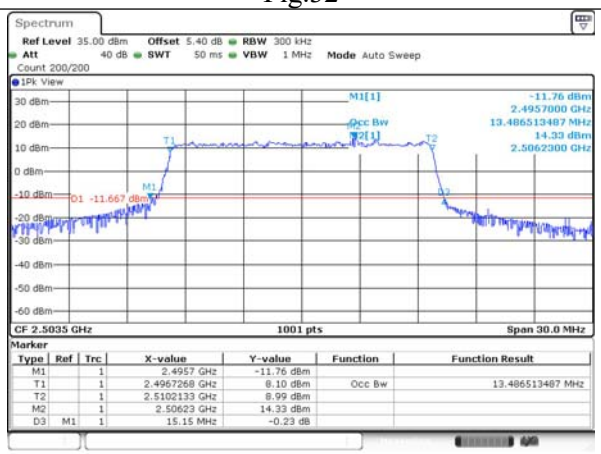


Fig.34

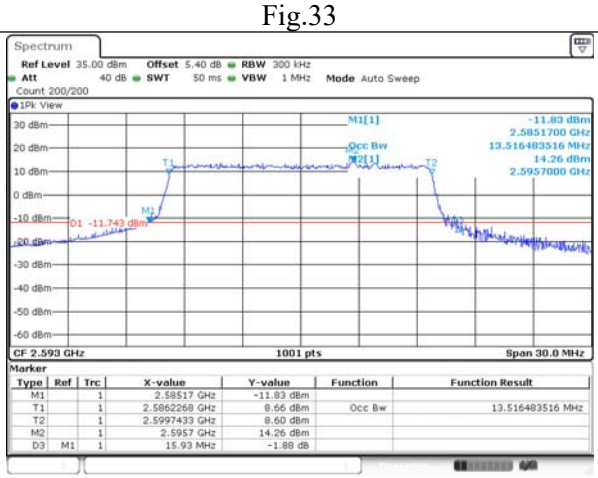


Fig.35

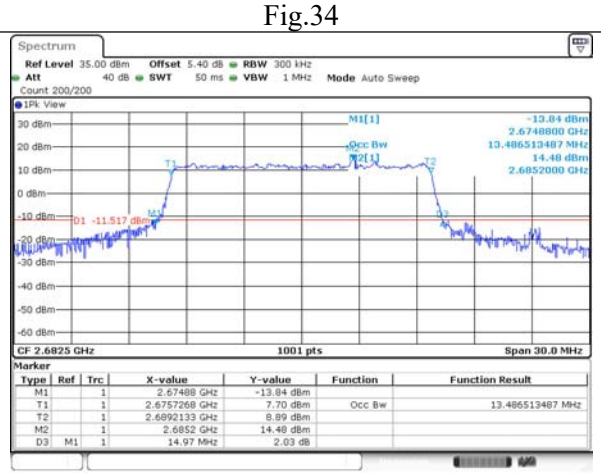


Fig.36

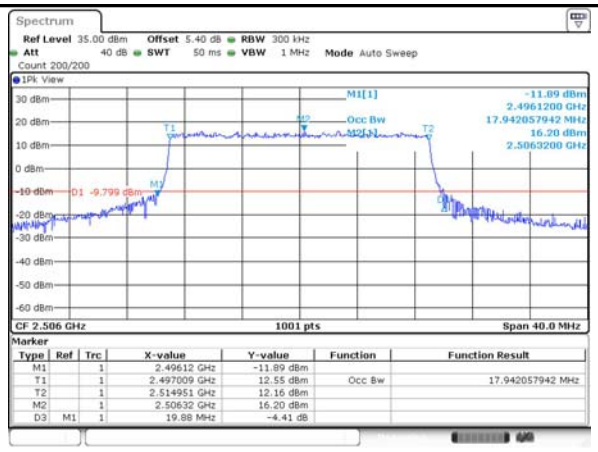


Fig.37

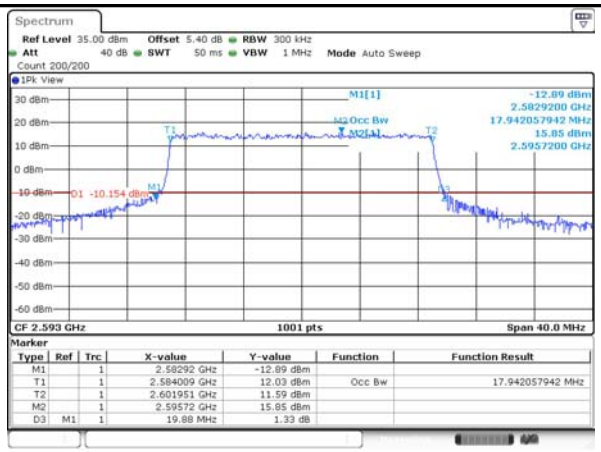


Fig.38

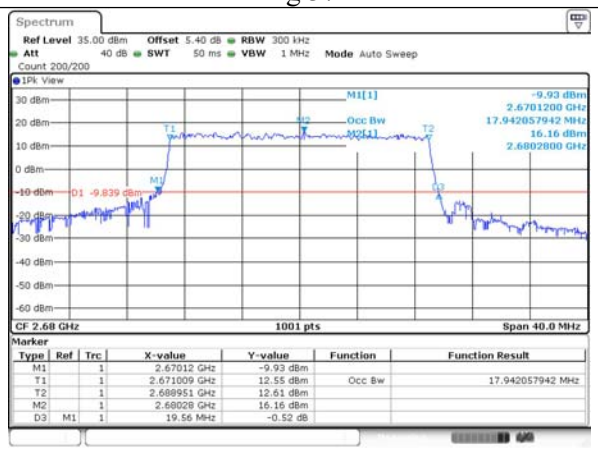


Fig.39

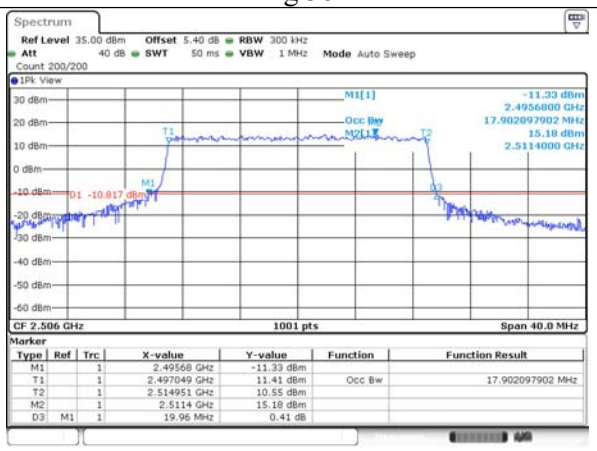


Fig.40

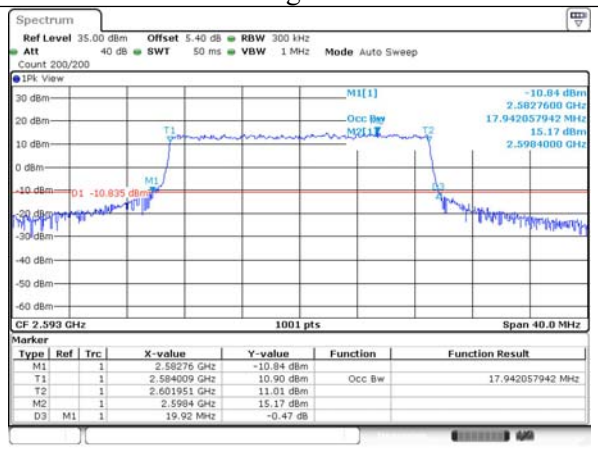


Fig.41

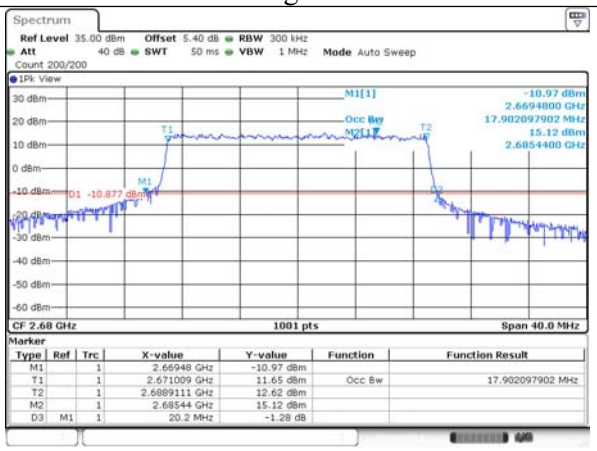


Fig.42

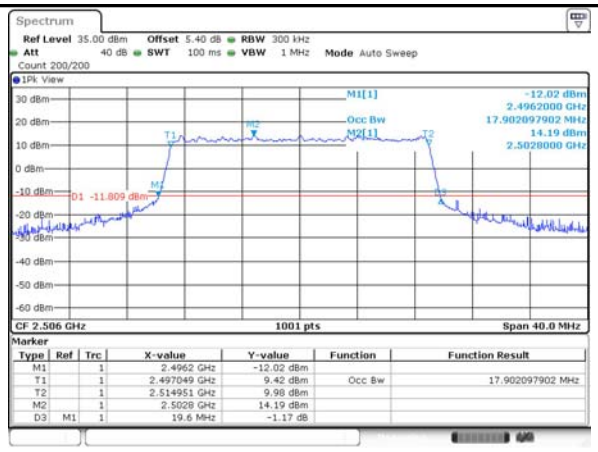


Fig.43

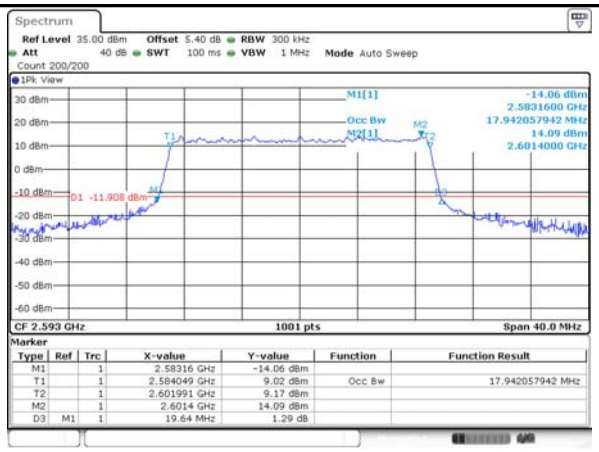


Fig.44

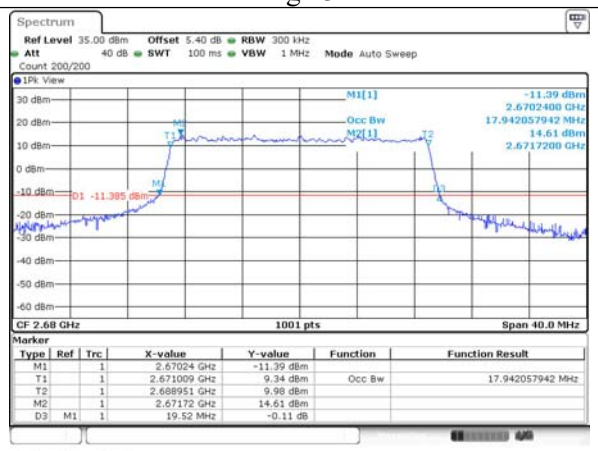


Fig.45

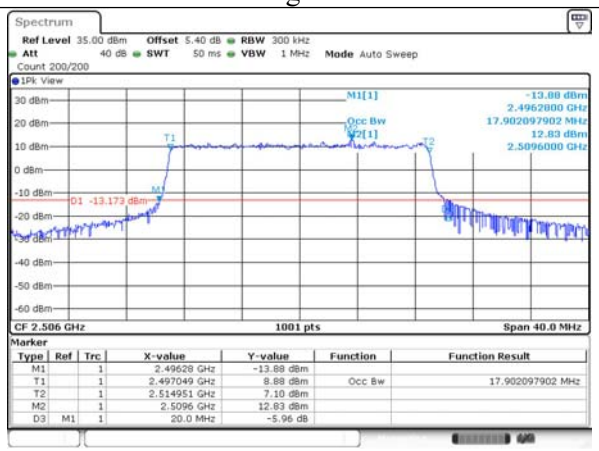


Fig.46

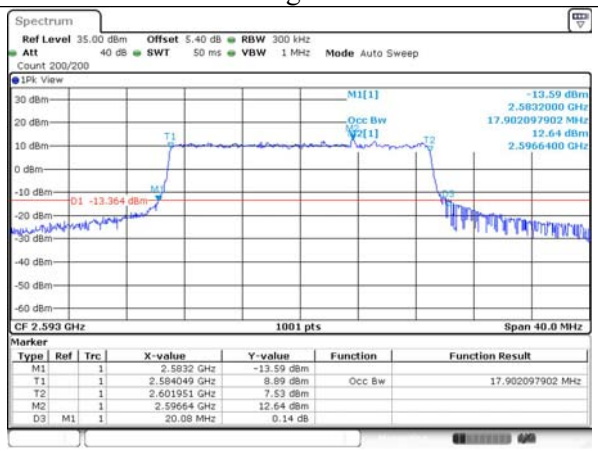


Fig.47

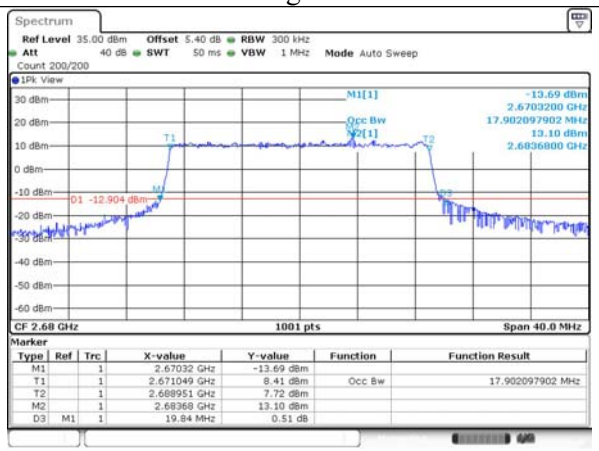


Fig.48

4 Peak-Average Ratio

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	QPSK	16-QAM	64-QAM	256-QAM
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

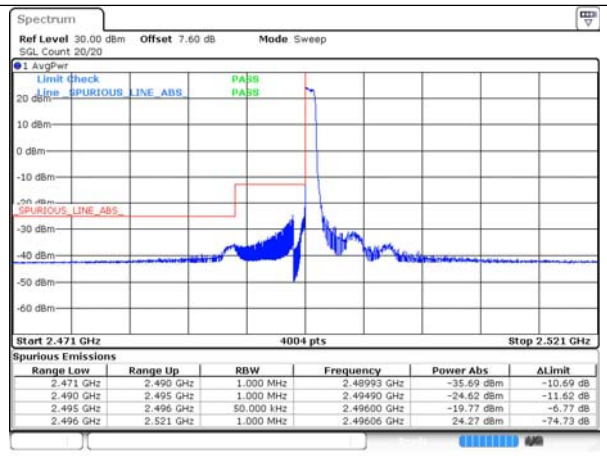


Fig.1

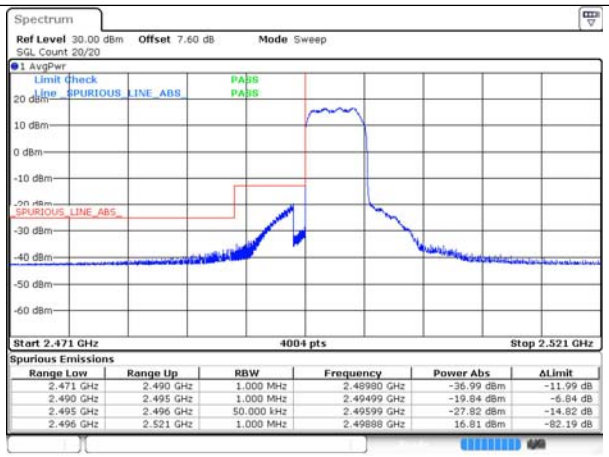


Fig.2

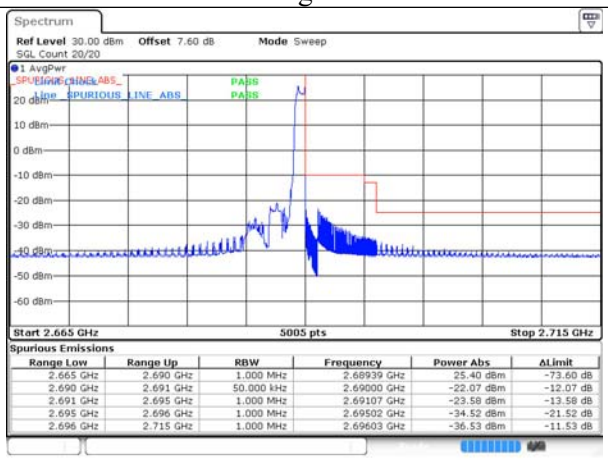


Fig.3

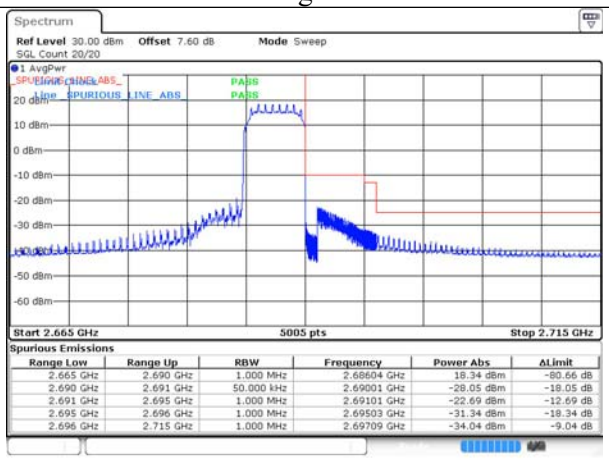


Fig.4

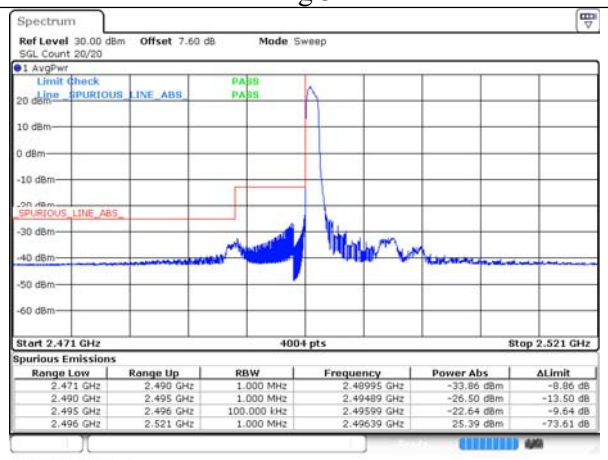


Fig.5

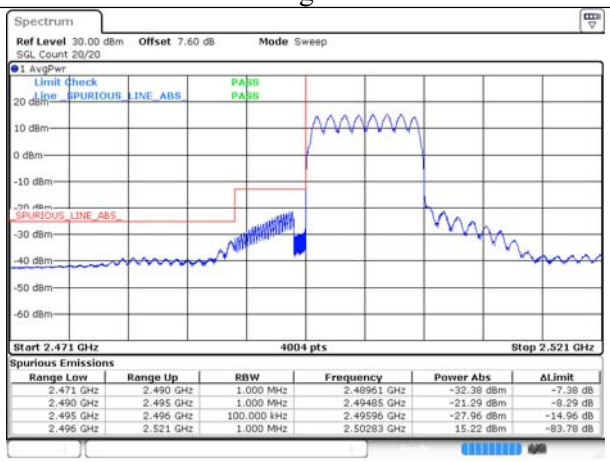


Fig.6

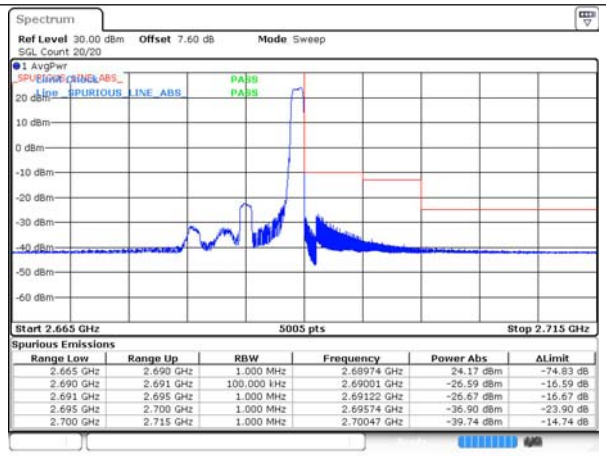


Fig.7

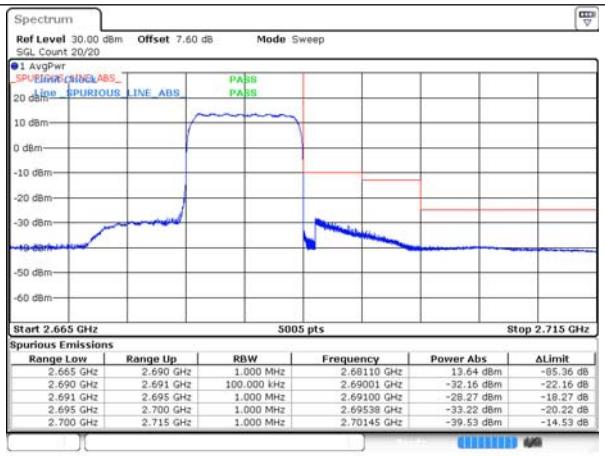


Fig.8

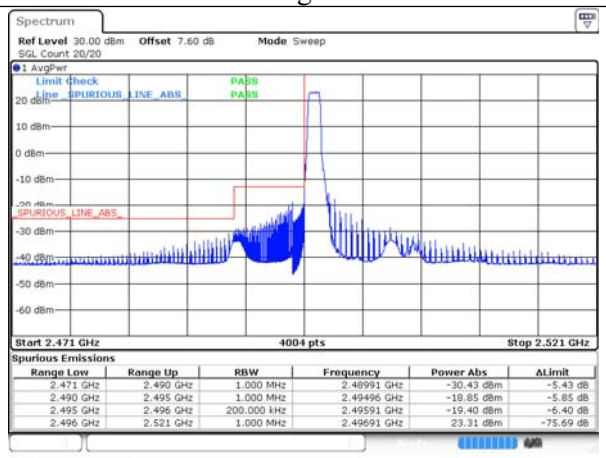


Fig.9

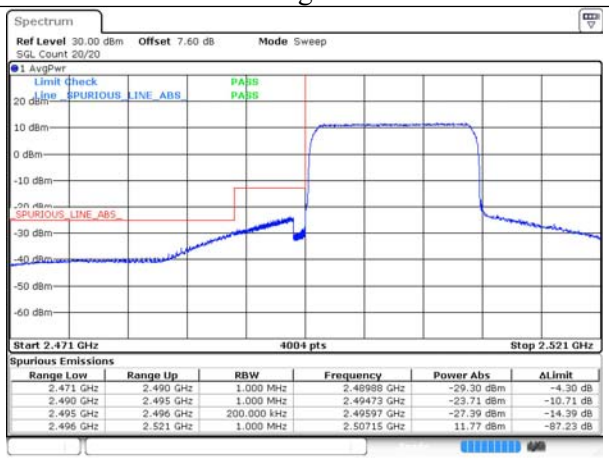


Fig.10

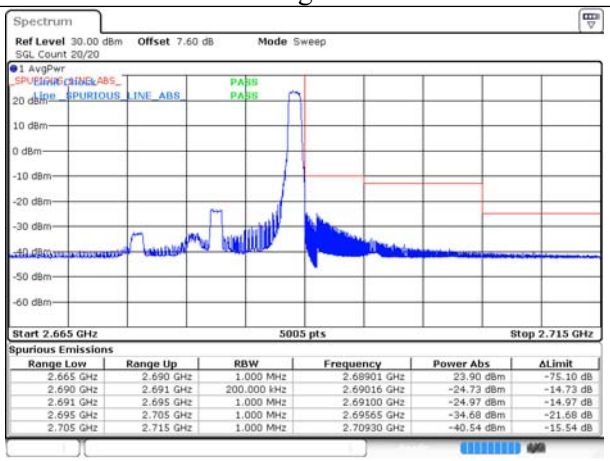


Fig.11

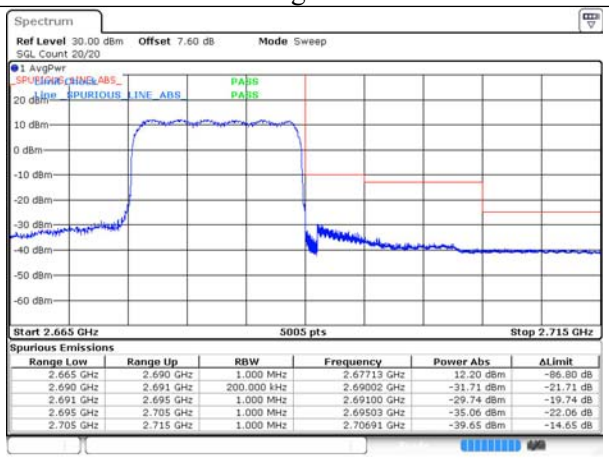


Fig.12

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

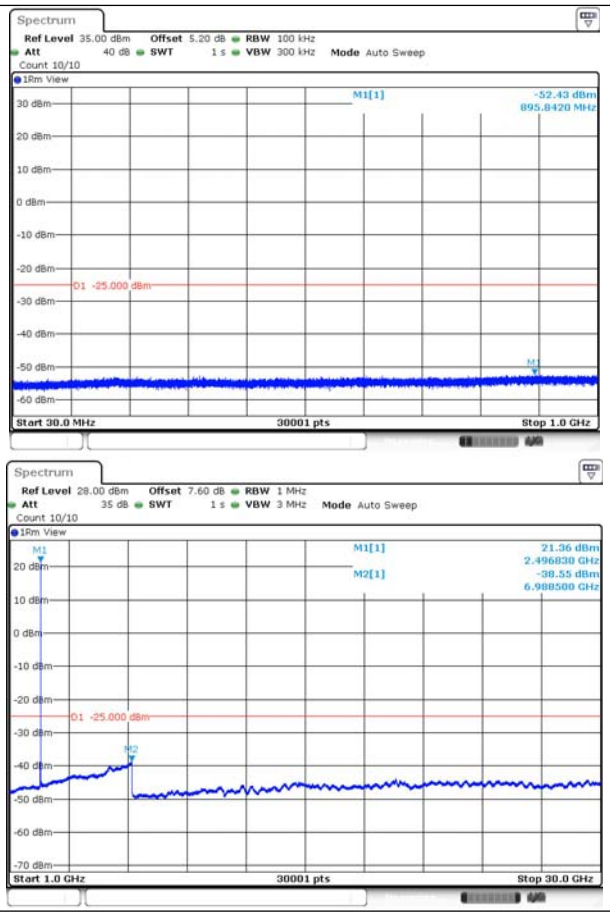


Fig.1

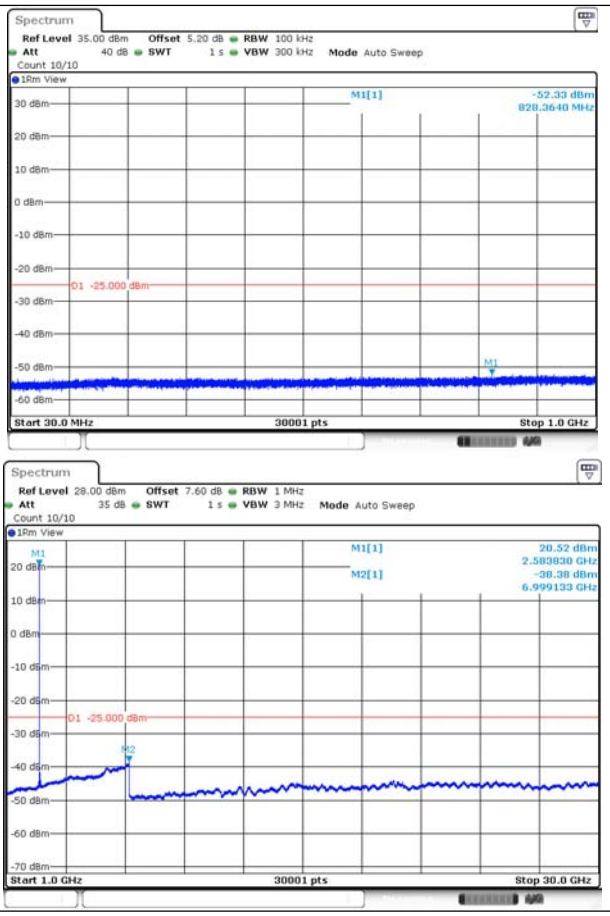
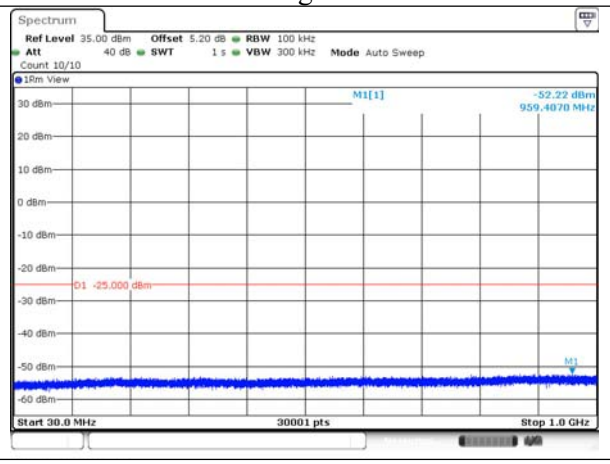


Fig.2



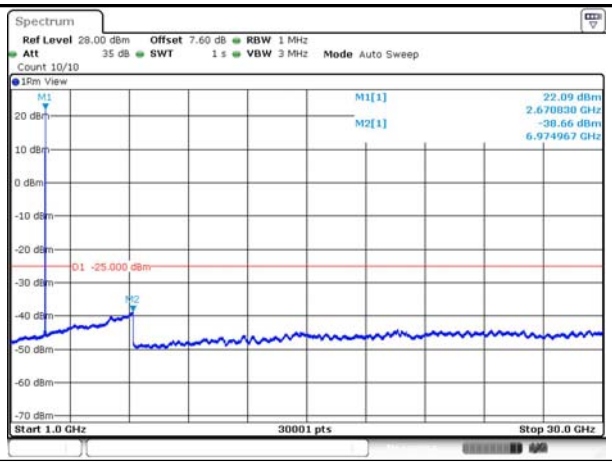

Spectrum
Ref Level 28.00 dBm Offset 7.60 dB RBW 1 MHz
Att 35 dB SWT 1 s VBW 3 MHz Mode Auto Sweep
Count 10/10
1Rm View
M1
M1[1] 22.09 dBm
2.670830 GHz
M2[1] -38.66 dBm
6.974967 GHz
20 dBm
10 dBm
0 dBm
-10 dBm
-20 dBm
D1 -25.000 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
Start 1.0 GHz
30001 pts
Stop 30.0 GHz

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

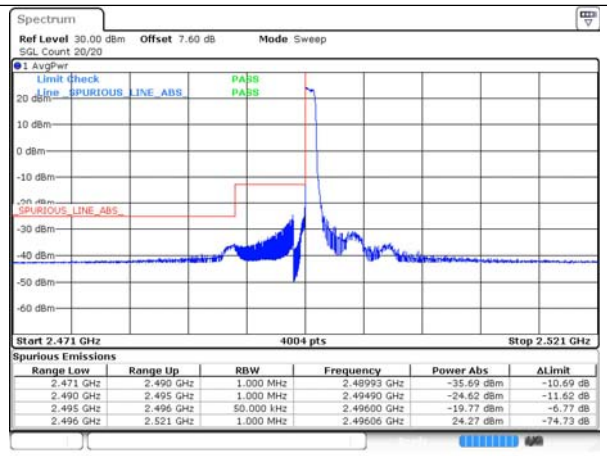


Fig.1

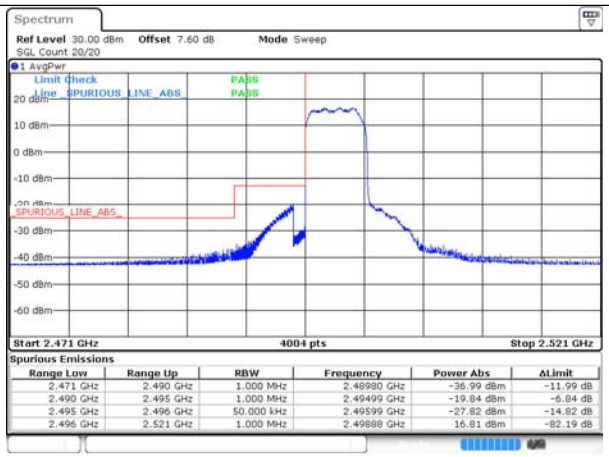


Fig.2

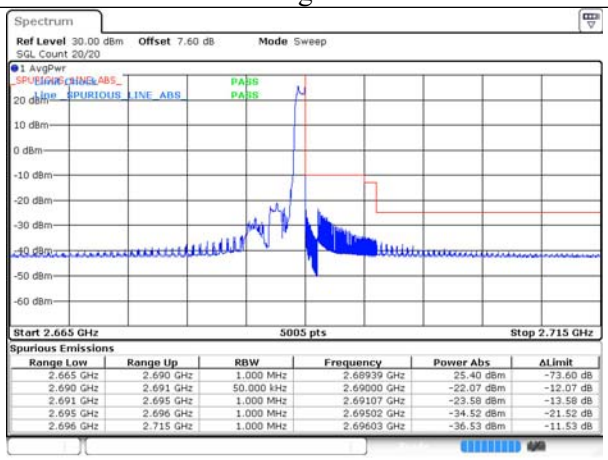


Fig.3

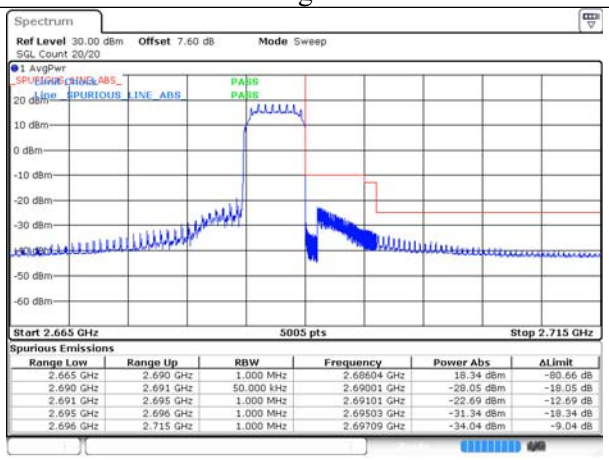


Fig.4

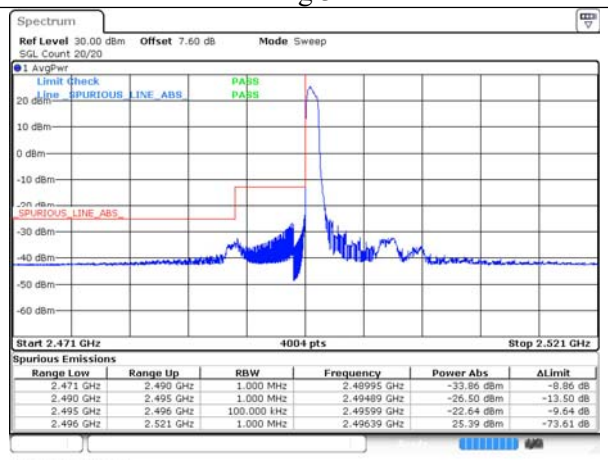


Fig.5

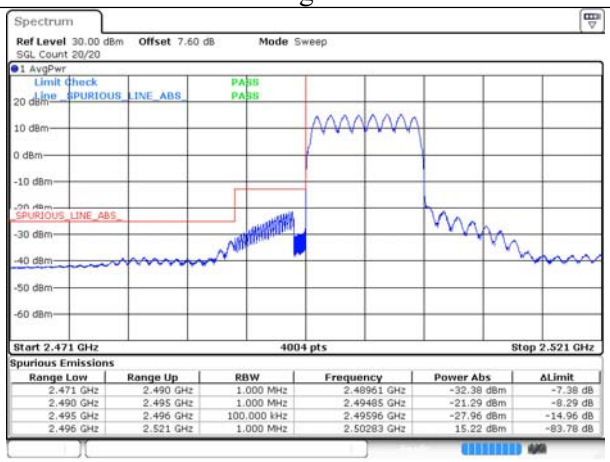


Fig.6

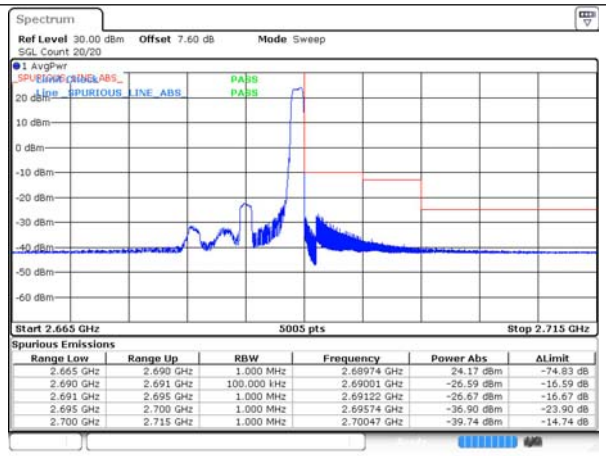


Fig.7

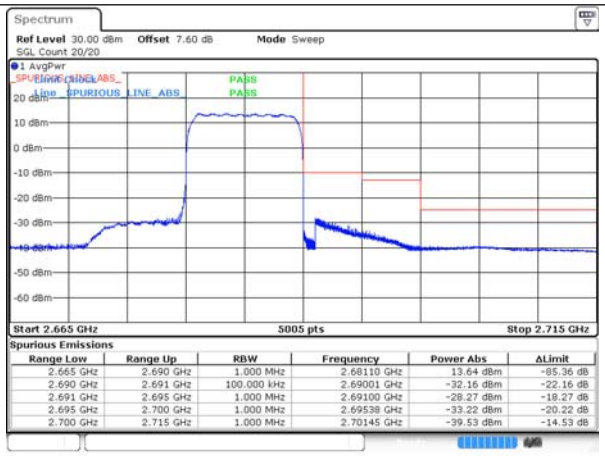


Fig.8

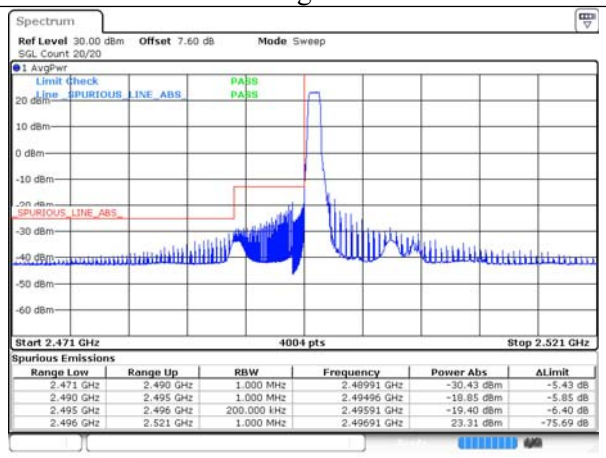


Fig.9

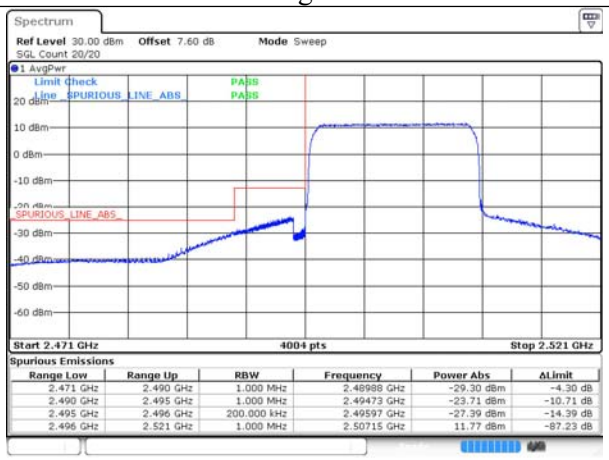


Fig.10

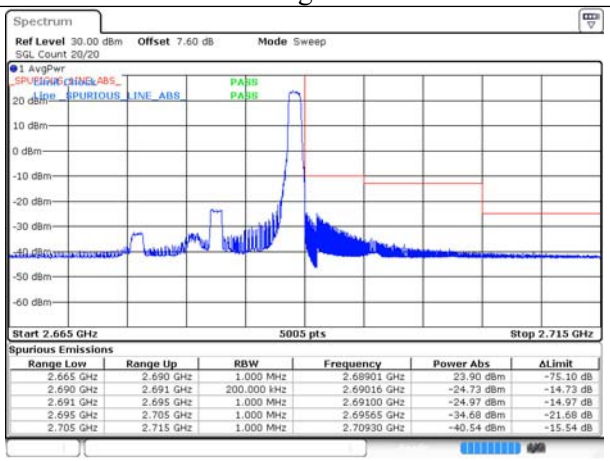


Fig.11

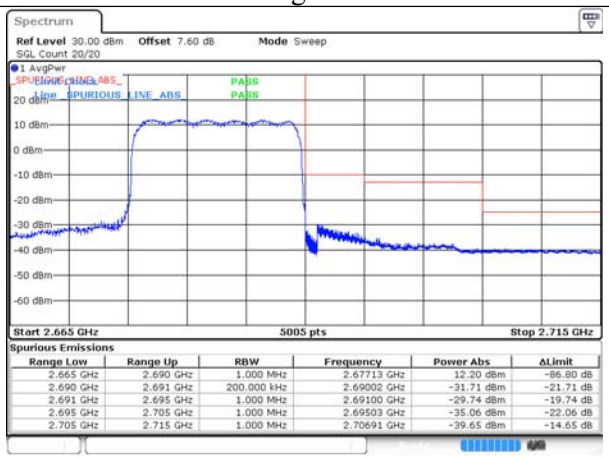


Fig.12

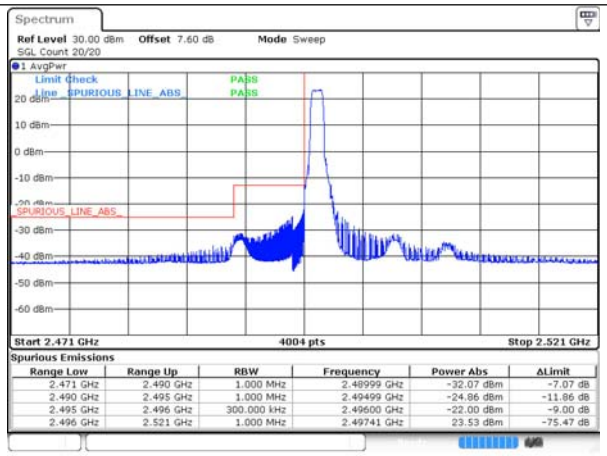


Fig.13

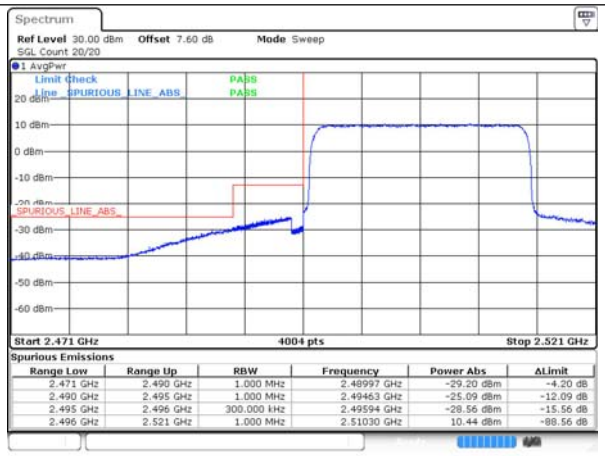


Fig.14

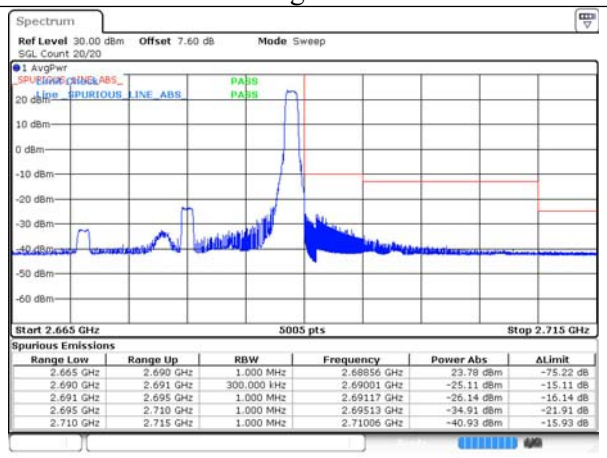


Fig.15

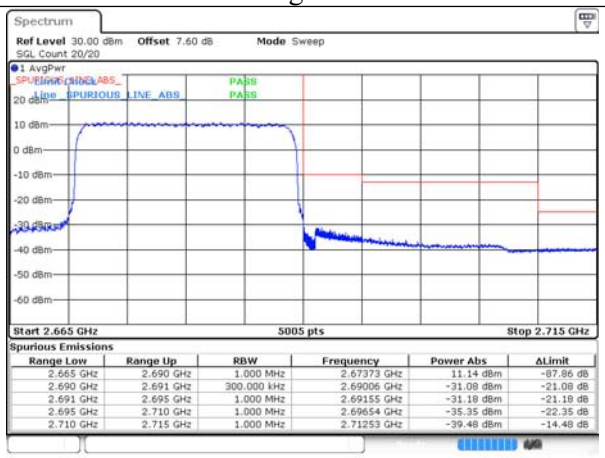


Fig.16

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)
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
	2593	40620		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
	2687.5	41565		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
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
	2593	40620		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
	2687.5	41565		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	10	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	23.16	21.16	0.131
				1RB#24	23.14	21.14	0.130
				1RB#49	23.1	21.1	0.129