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
				25	0	21.24
	2617.5	38225		1	0	22.04
				1	12	22.00
				1	24	22.02
				12	0	21.09
				12	6	21.05
				12	13	21.10
				25	0	21.02
16QAM	2572.5	37775		1	0	21.50
				1	12	21.38
				1	24	21.48
				12	0	20.51
				12	6	20.47
				12	13	20.46
				25	0	20.54
	2595	38000		1	0	21.25
				1	12	21.36
				1	24	21.30
				12	0	20.29
				12	6	20.22
				12	13	20.12
				25	0	20.34
	2617.5	38225		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
				25	0	19.45
	2595	38000		1	0	20.17
				1	12	20.31
				1	24	20.27
				12	0	19.24
				12	6	19.13
				12	13	19.03
				25	0	19.30
	2617.5	38225		1	0	20.19
				1	12	20.18
				1	24	20.16
				12	0	19.29
				12	6	19.24
				12	13	19.15
				25	0	19.17
256QAM	2572.5	37775		1	0	17.48
				1	12	17.32
				1	24	17.45
				12	0	17.48
				12	6	17.42
				12	13	17.41
				25	0	17.5
	2595	38000		1	0	17.19
				1	12	17.31
				1	24	17.27
				12	0	17.24
				12	6	17.16
				12	13	17.08
				25	0	17.29
	2617.5	38225		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
	2595	38000		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
	2615	38200		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
	2595	38000		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
	2615	38200		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
				50	0	19.50
	2595	38000		1	0	20.35
				1	24	20.42
				1	49	20.35
				25	0	19.51
				25	12	19.56
				25	25	19.44
				50	0	19.46
	2615	38200		1	0	20.23
				1	24	20.52
				1	49	20.18
				25	0	19.37
				25	12	19.25
				25	25	19.08
				50	0	19.30
256QAM	2575	37800		1	0	17.53
				1	24	17.56
				1	49	17.51
				25	0	17.58
				25	12	17.45
				25	25	17.53
				50	0	17.55
	2595	38000		1	0	17.38
				1	24	17.46
				1	49	17.35
				25	0	17.51
				25	12	17.57
				25	25	17.41
				50	0	17.46
	2615	38200		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
				75	0	21.47
	2595	38000		1	0	22.24
				1	38	22.30
				1	74	22.23
				36	0	21.33
				36	18	21.48
				36	37	21.30
				75	0	21.46
	2612.5	38175		1	0	22.25
				1	38	22.03
				1	74	22.11
				36	0	21.21
				36	18	21.28
				36	37	21.27
				75	0	21.25
16QAM	2577.5	37825		1	0	21.70
				1	38	21.62
				1	74	21.60
				36	0	20.64
				36	18	20.50
				36	37	20.51
				75	0	20.60
	2595	38000		1	0	21.57
				1	38	21.56
				1	74	21.37
				36	0	20.43
				36	18	20.40
				36	37	20.33
				75	0	20.43
	2612.5	38175		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
				75	0	19.55
	2595	38000		1	0	20.53
				1	38	20.54
				1	74	20.31
				36	0	19.40
				36	18	19.37
				36	37	19.24
				75	0	19.37
	2612.5	38175		1	0	20.27
				1	38	20.30
				1	74	20.31
				36	0	19.06
				36	18	19.22
				36	37	19.15
				75	0	19.21
256QAM	2577.5	37825		1	0	17.61
				1	38	17.57
				1	74	17.51
				36	0	17.62
				36	18	17.48
				36	37	17.43
				75	0	17.50
	2595	38000		1	0	17.53
				1	38	17.49
				1	74	17.33
				36	0	17.33
				36	18	17.33
				36	37	17.28
				75	0	17.38
	2612.5	38175		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
				100	0	22.34
	2595	38000		1	0	21.50
				1	49	21.19
				1	99	21.02
				50	0	21.18
				50	25	22.05
				50	50	22.01
				100	0	22.10
	2610	38150		1	0	21.01
				1	49	21.15
				1	99	21.16
				50	0	21.00
				50	25	21.72
				50	50	21.60
				100	0	21.64
16QAM	2580	37850		1	0	20.66
				1	49	20.52
				1	99	20.16
				50	0	20.18
				50	25	21.27
				50	50	21.08
				100	0	21.18
	2595	38000		1	0	20.20
				1	49	20.18
				1	99	20.10
				50	0	20.19
				50	25	21.14
				50	50	21.07
				100	0	21.07
	2610	38150		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
				100	0	20.13
	2595	38000		1	0	19.17
				1	49	19.16
				1	99	19.08
				50	0	19.10
				50	25	20.07
				50	50	20.04
				100	0	20.08
	2610	38150		1	0	19.04
				1	49	19.01
				1	99	19.06
				50	0	19.01
				50	25	17.69
				50	50	17.5
				100	0	17.58
256QAM	2580	37850		1	0	17.64
				1	49	17.42
				1	99	17.12
				50	0	17.11
				50	25	17.18
				50	50	17
				100	0	17.08
	2595	38000		1	0	17.14
				1	49	17.09
				1	99	17.04
				50	0	17.12
				50	25	17.09
				50	50	17.05
				100	0	17.04
	2610	38150		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	22.54
				1RB#38	22.35
				1RB#74	22.41

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	
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 frequerncy (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

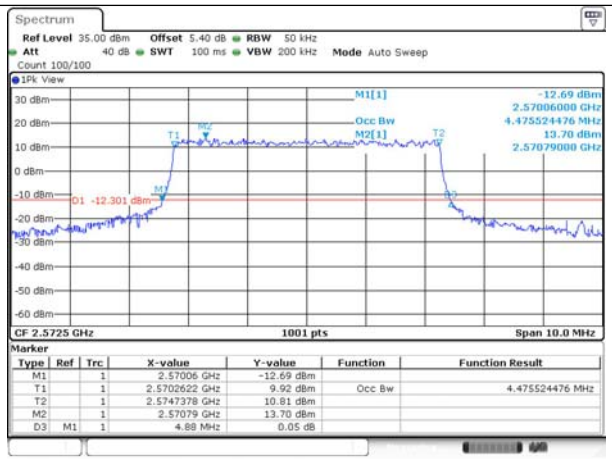


Fig.1

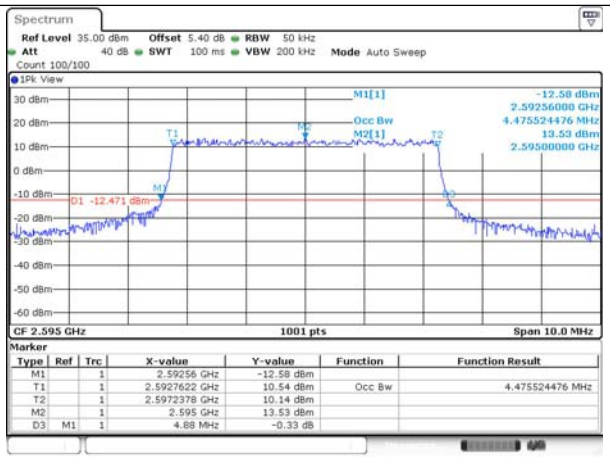


Fig.2

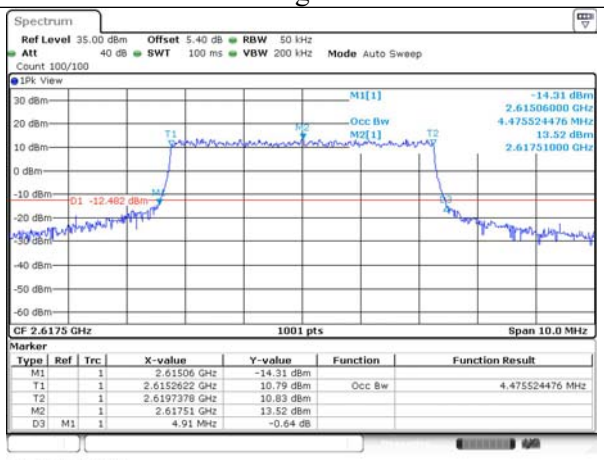


Fig.3

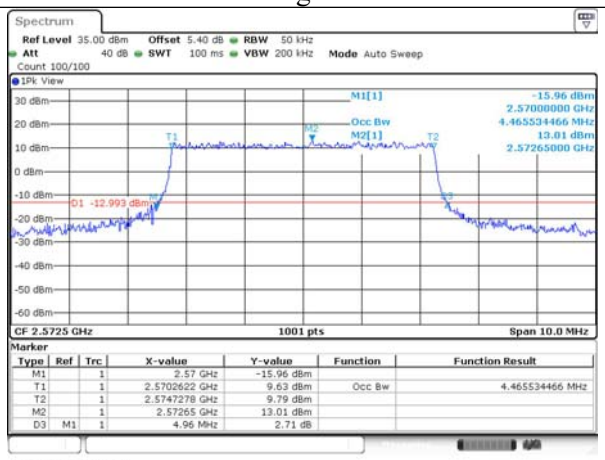


Fig.4

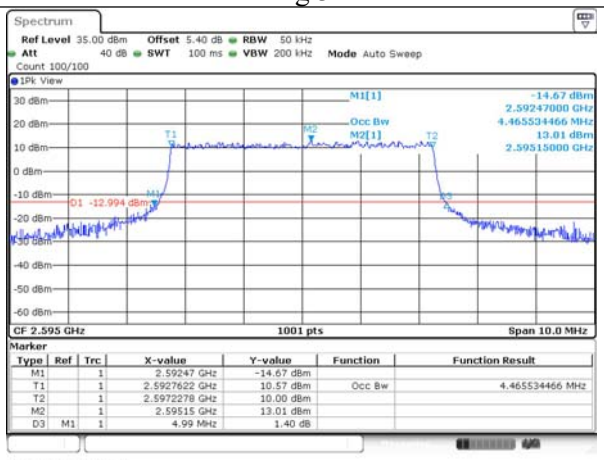


Fig.5

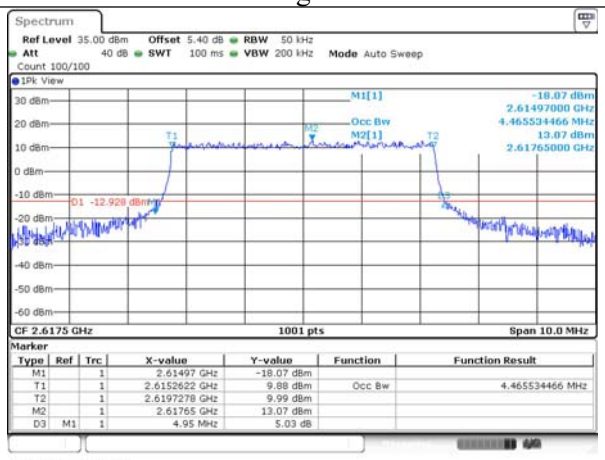


Fig.6

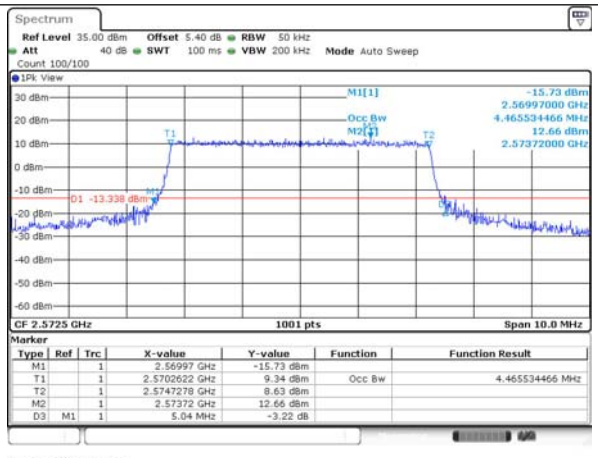


Fig.7

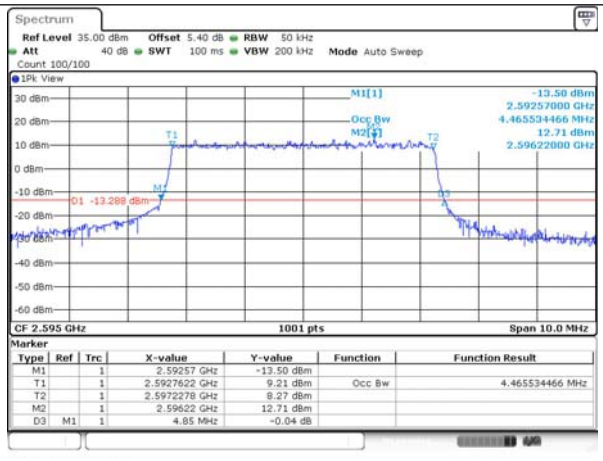


Fig.8

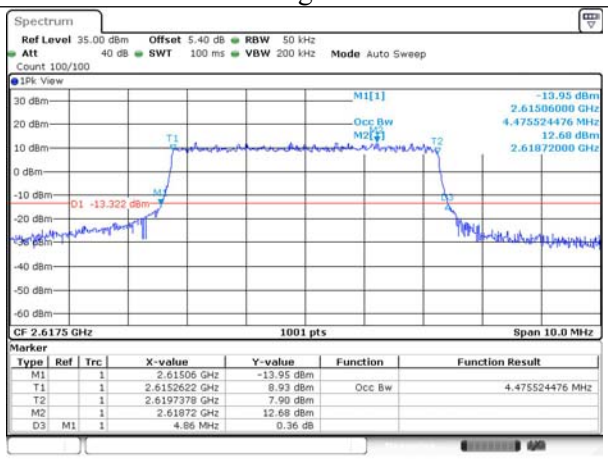


Fig.9

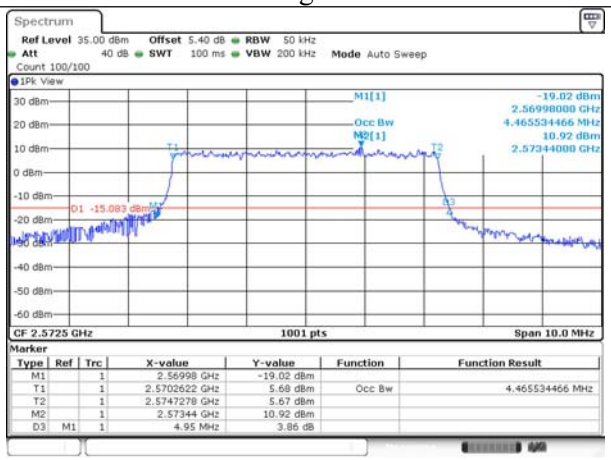


Fig.10

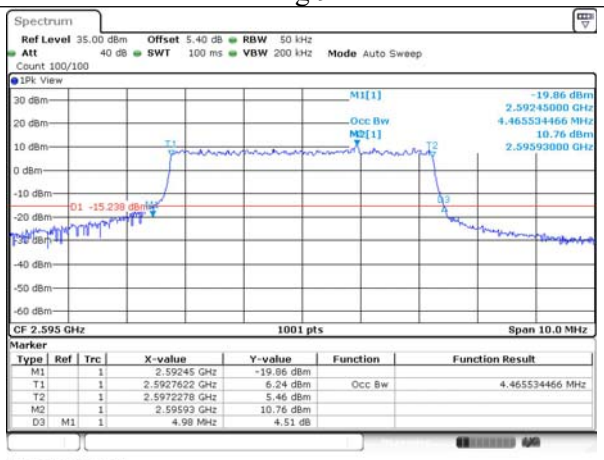


Fig.11

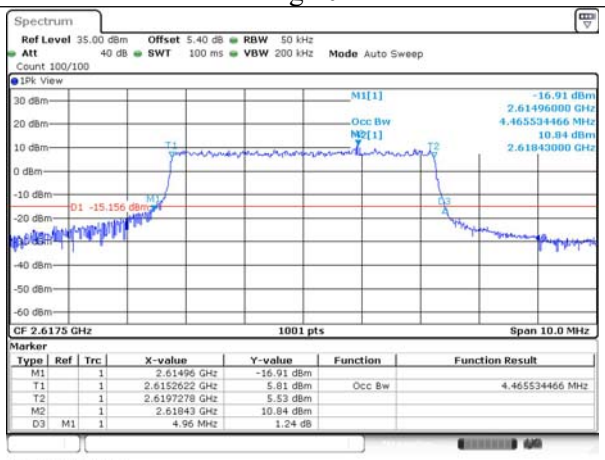


Fig.12

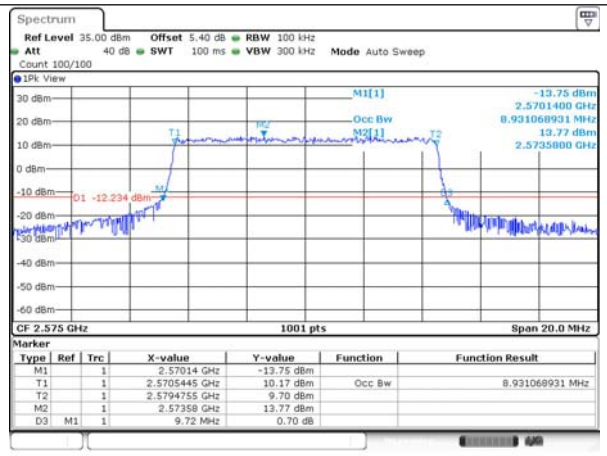


Fig.13

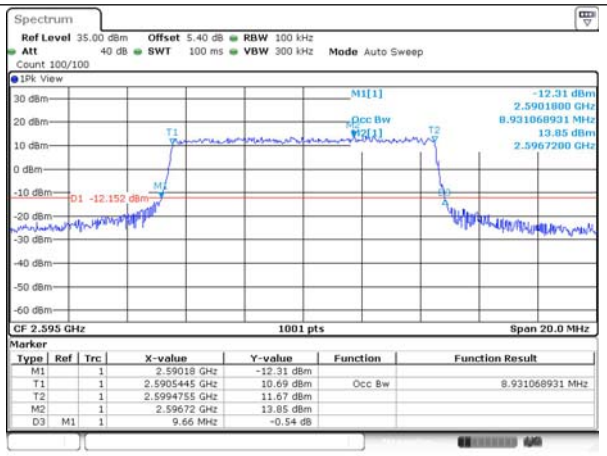


Fig.14

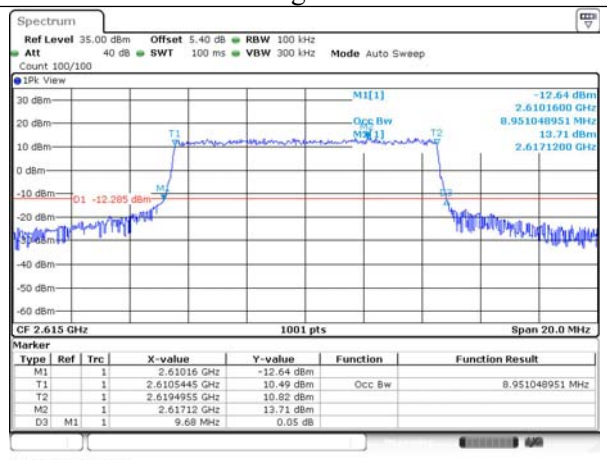


Fig.15

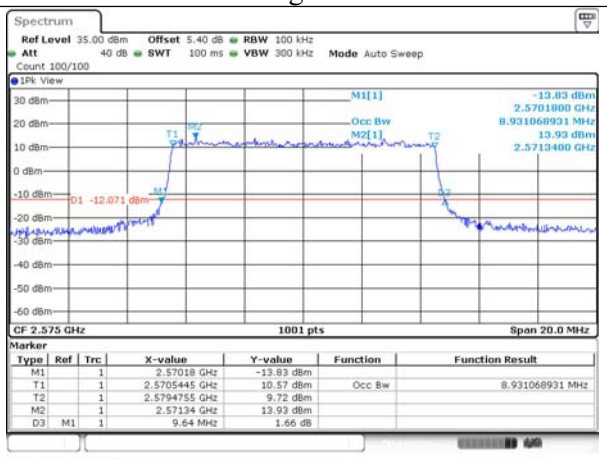


Fig.16

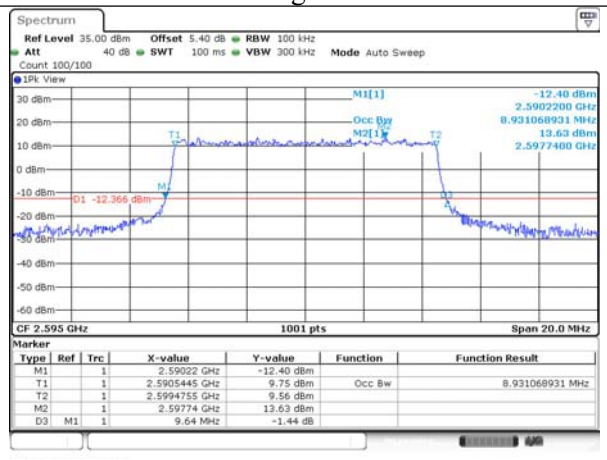


Fig.17

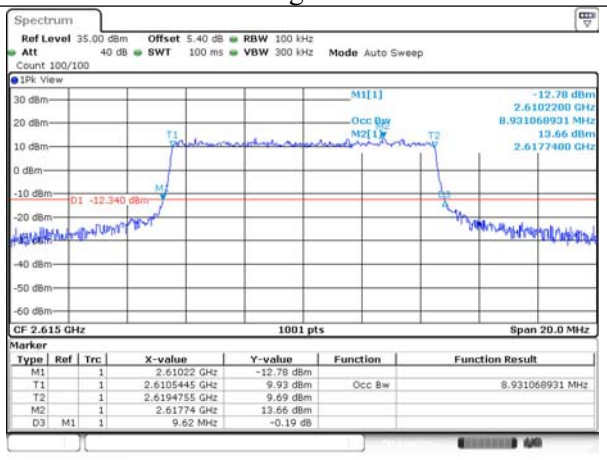


Fig.18

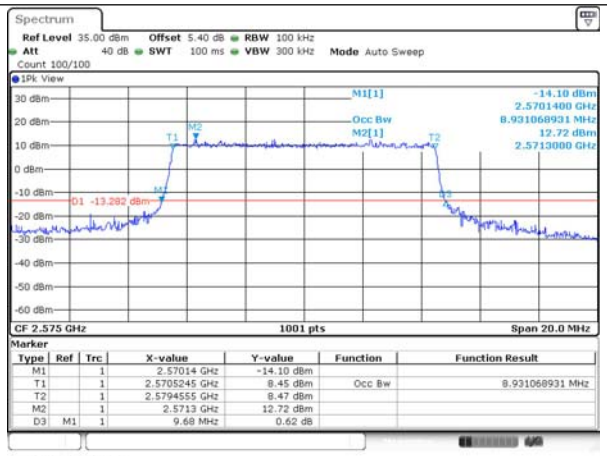


Fig.19

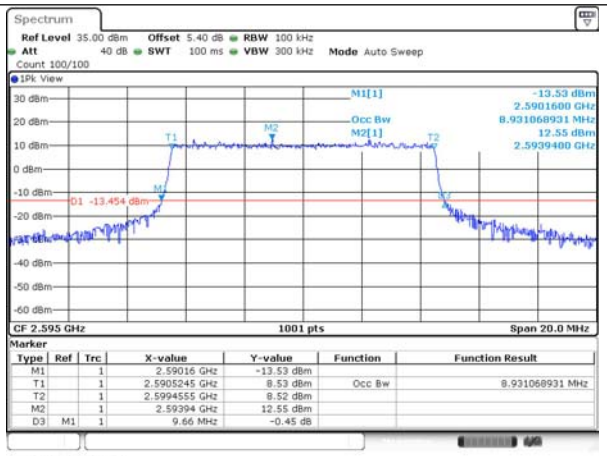


Fig.20

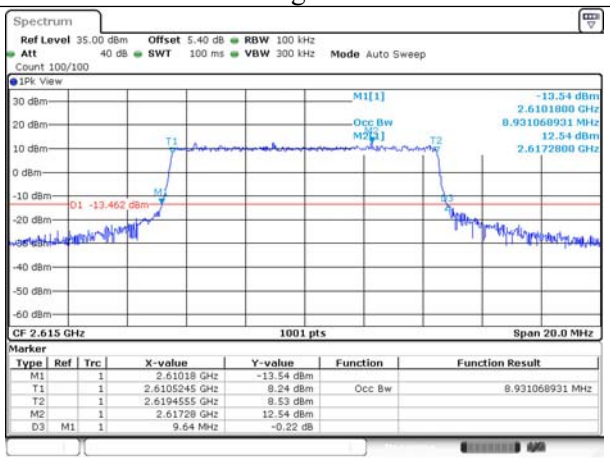


Fig.21

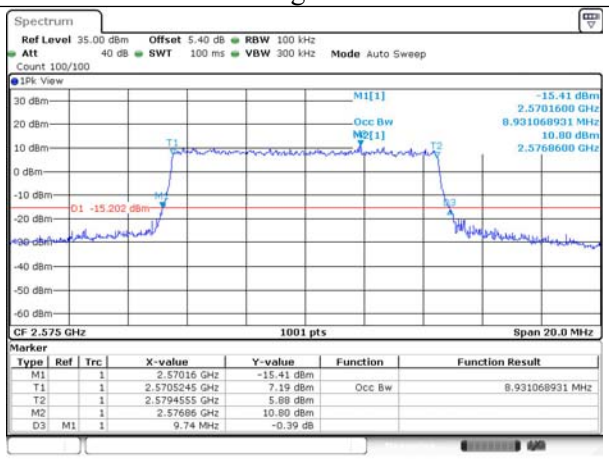


Fig.22

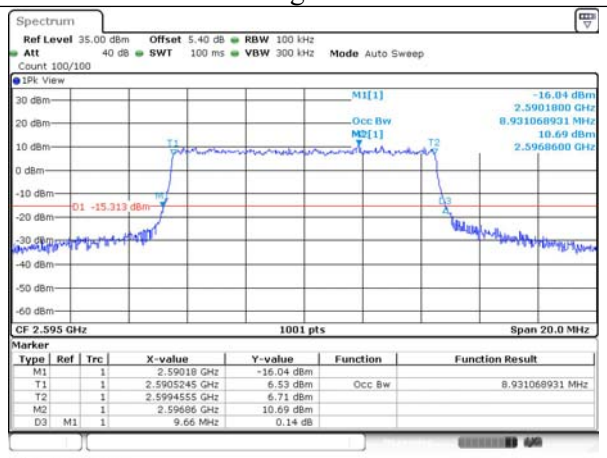


Fig.23

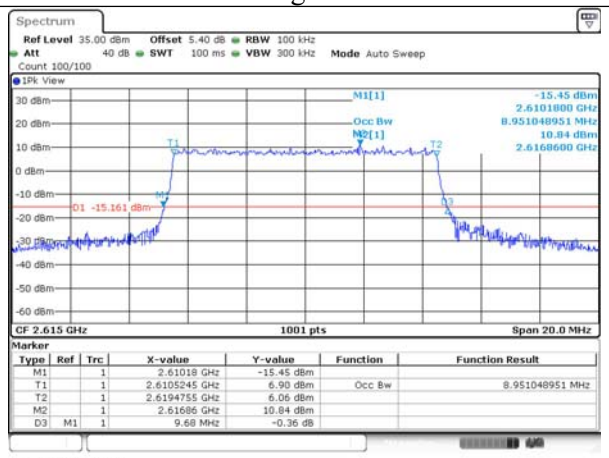


Fig.24

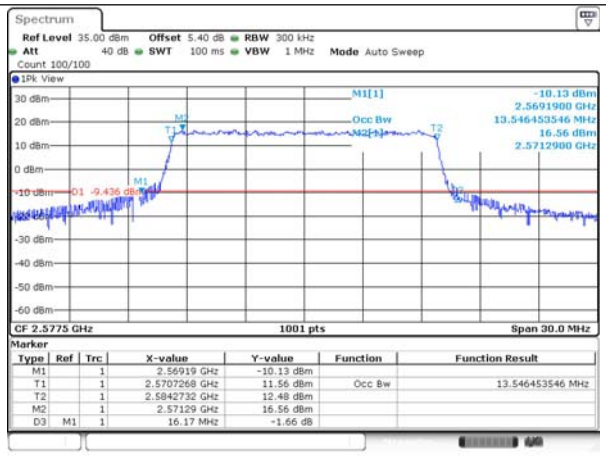


Fig.25

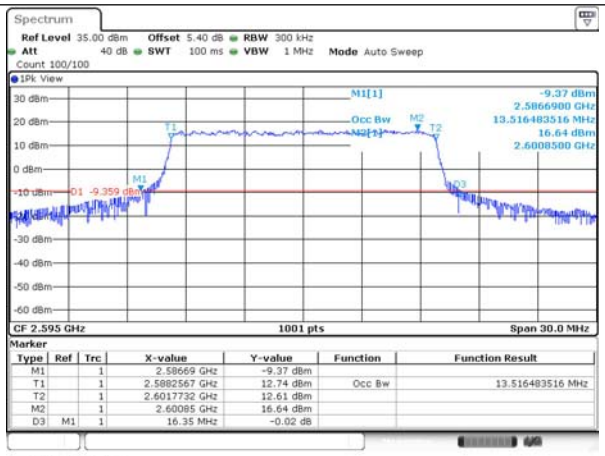


Fig.26

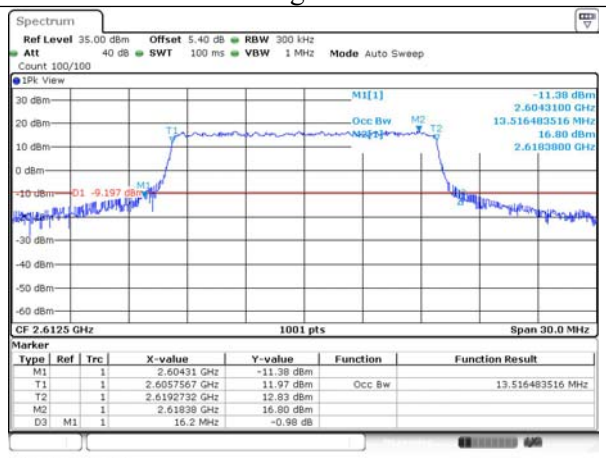


Fig.27

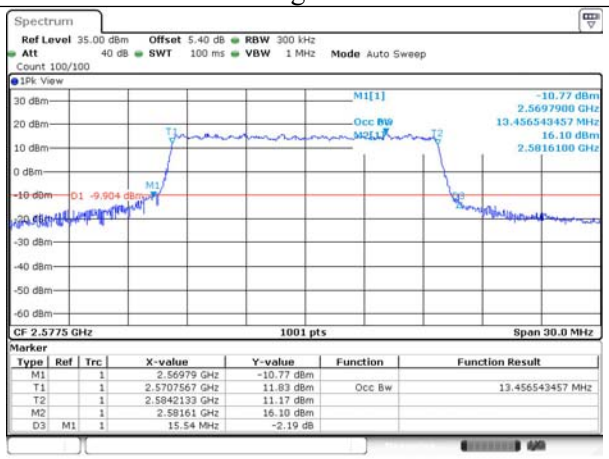


Fig.28

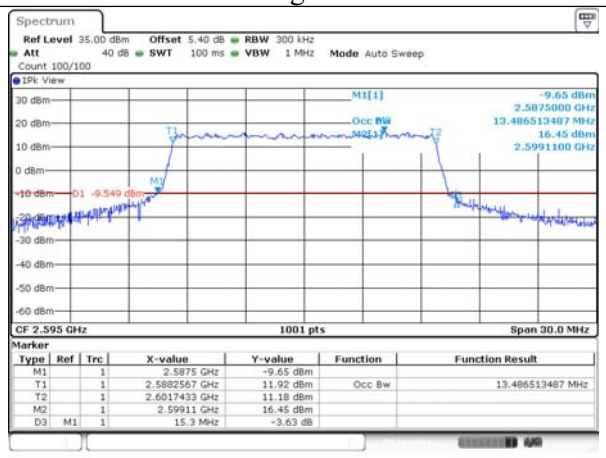


Fig.29

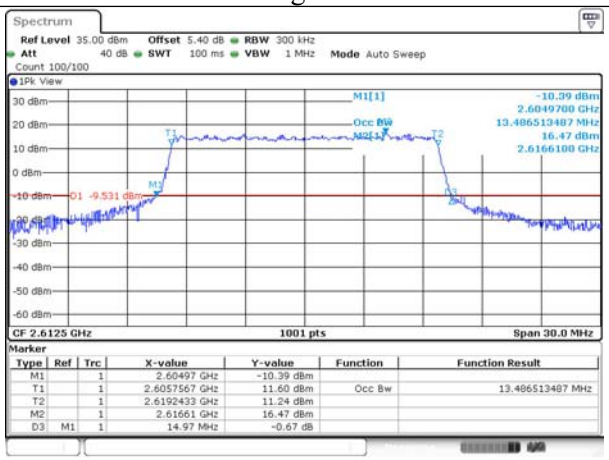


Fig.30

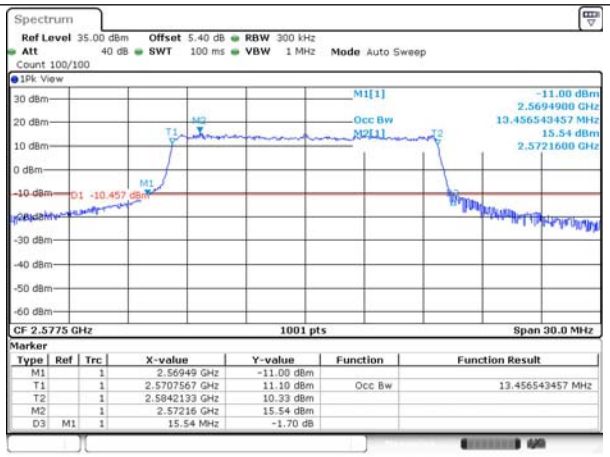


Fig.31

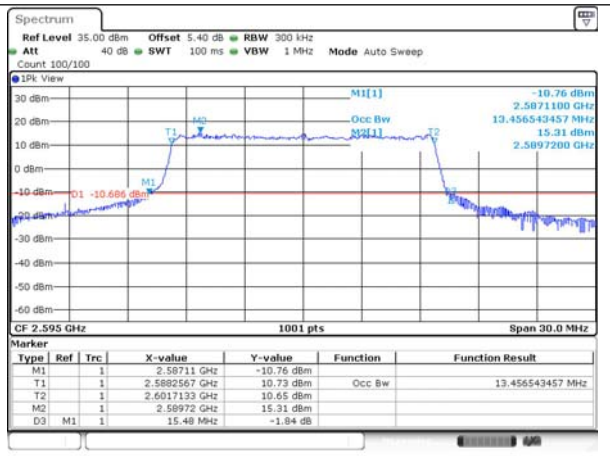


Fig.32

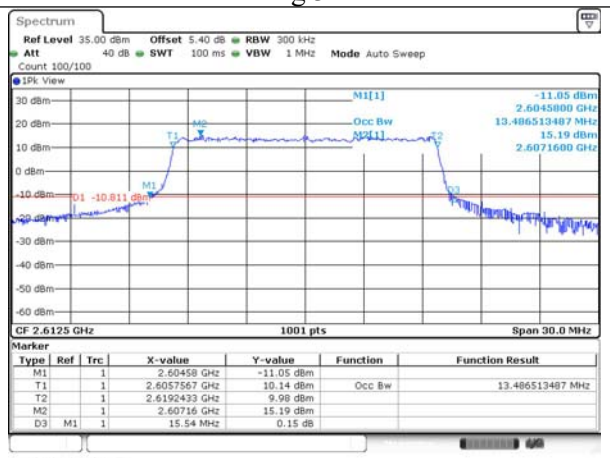


Fig.33

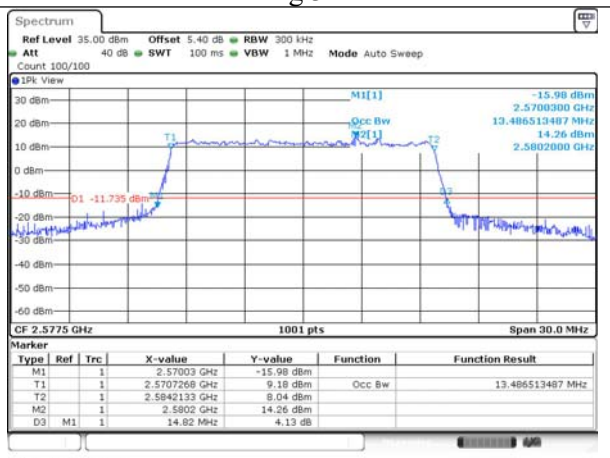


Fig.34

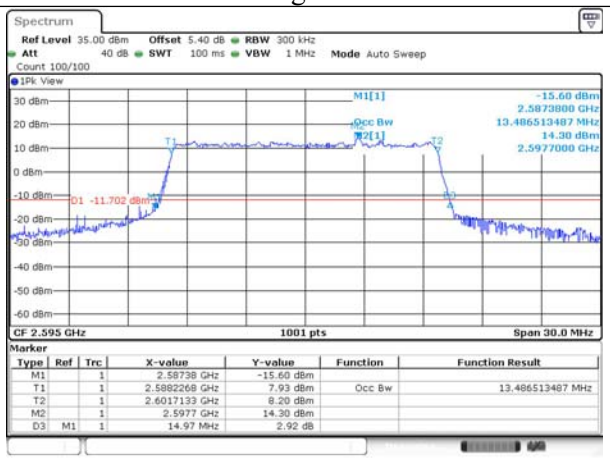


Fig.35

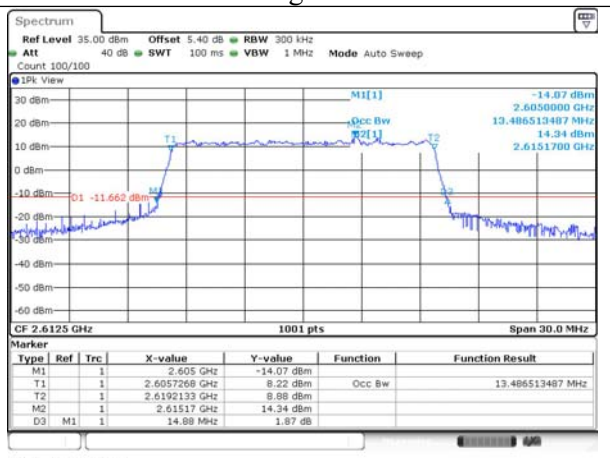


Fig.36

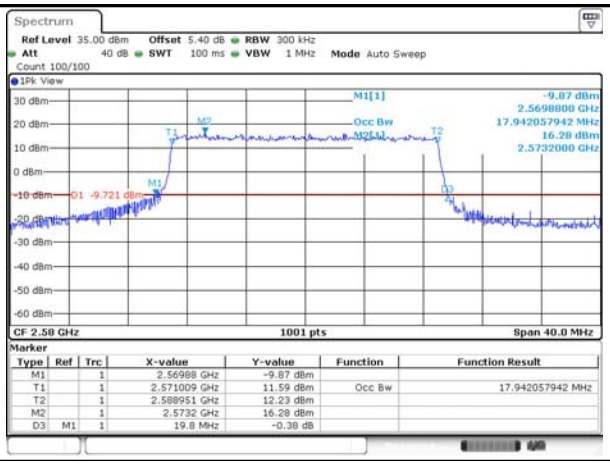


Fig.37

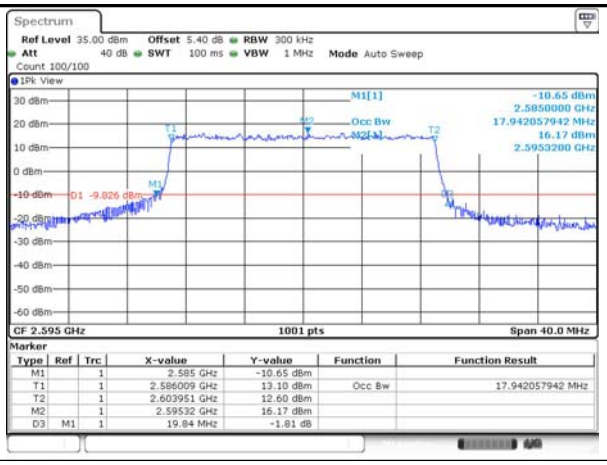


Fig.38

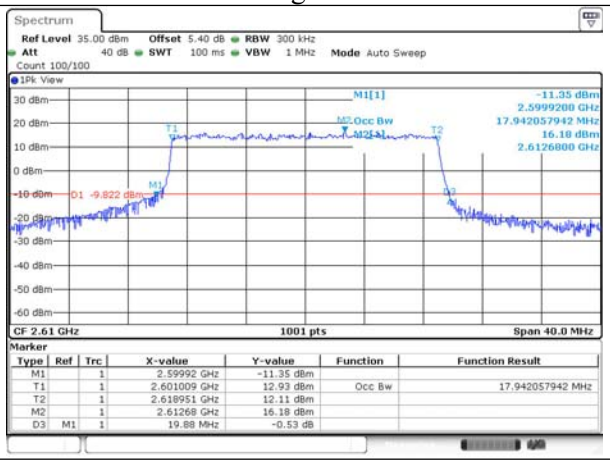


Fig.39

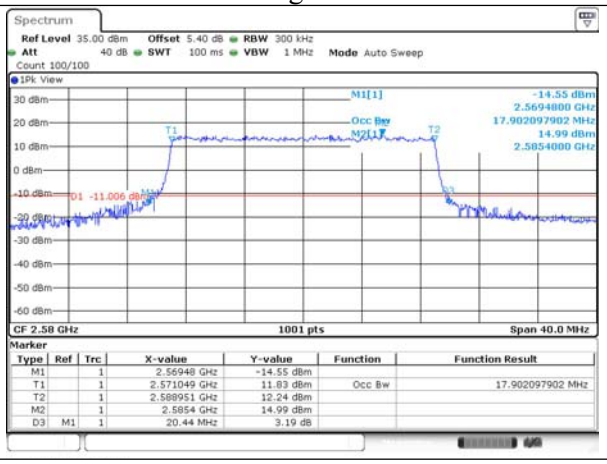


Fig.40

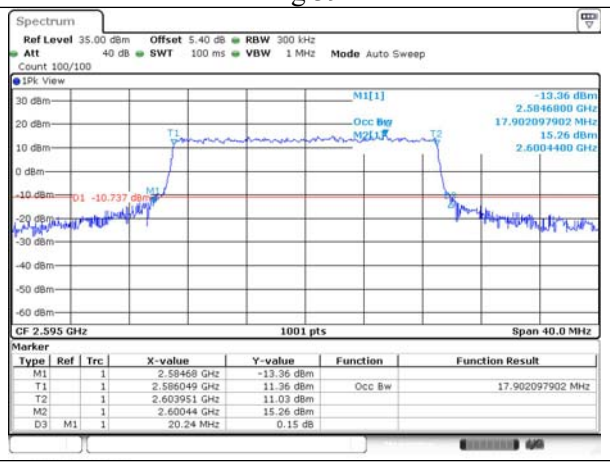


Fig.41

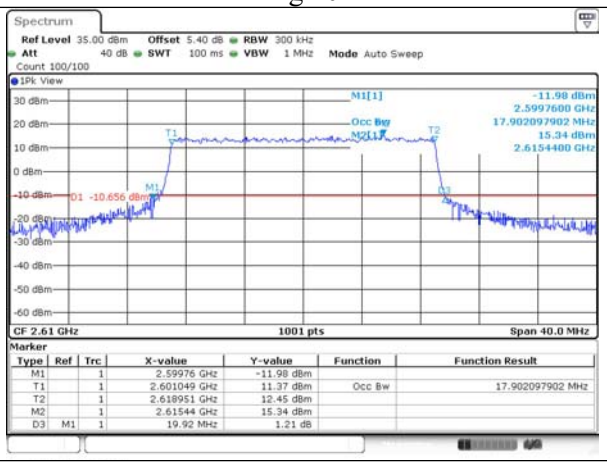


Fig.42

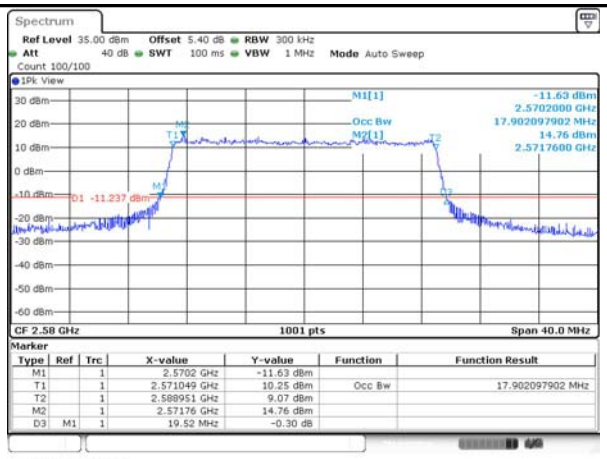


Fig.43

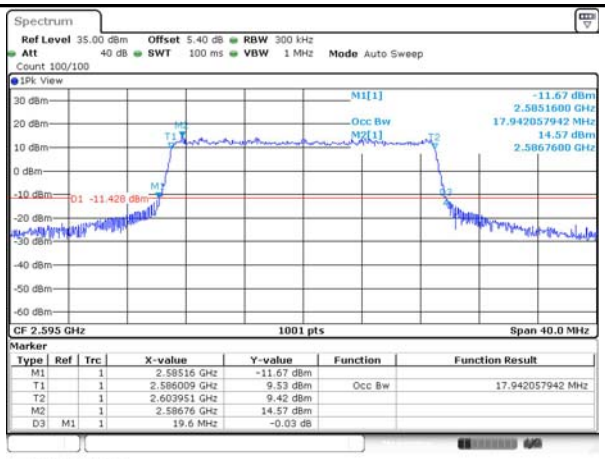


Fig.44

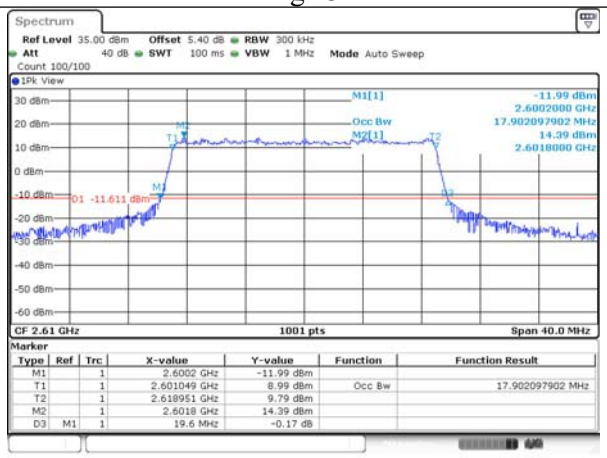


Fig.45

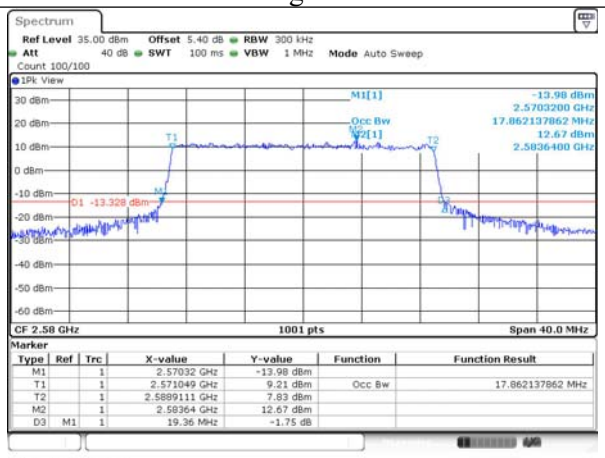


Fig.46

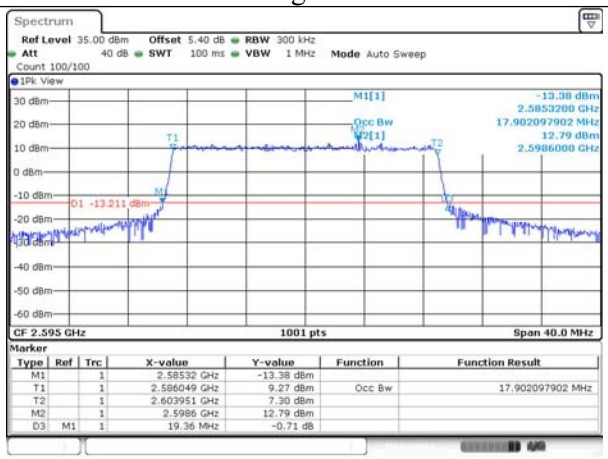


Fig.47

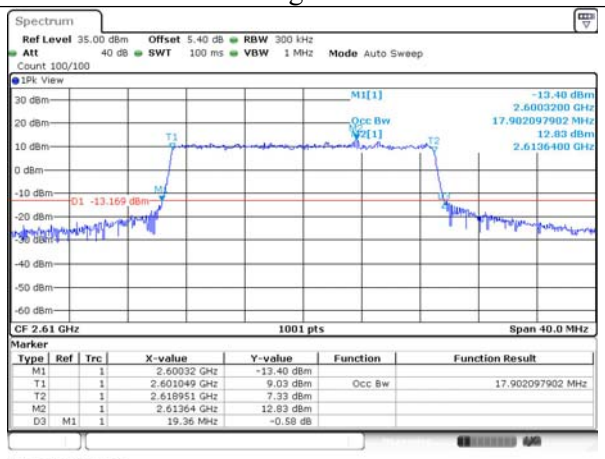


Fig.48

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

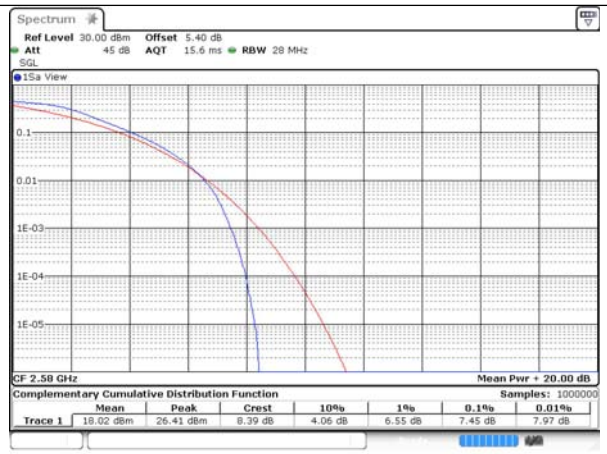


Fig.1

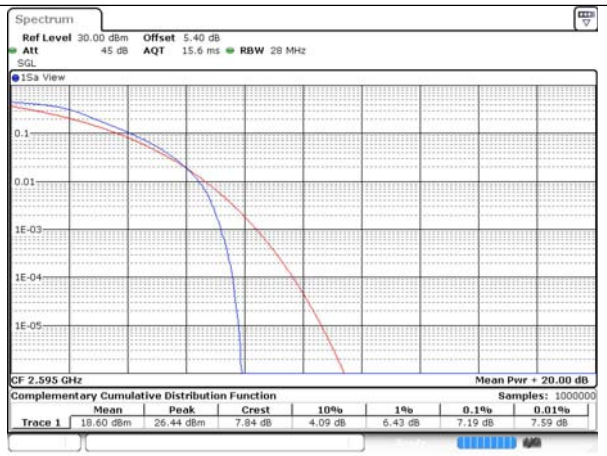


Fig.2

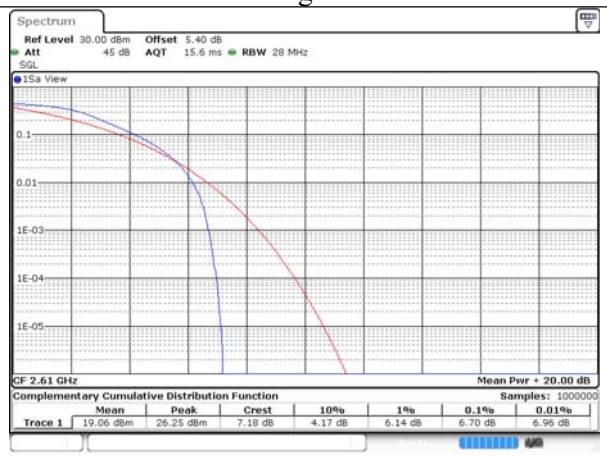


Fig.3

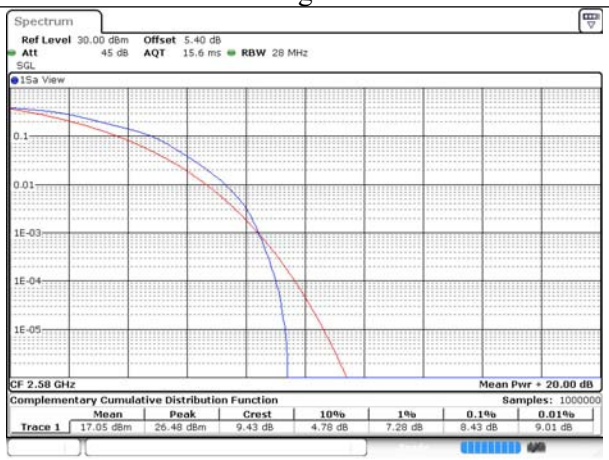


Fig.4

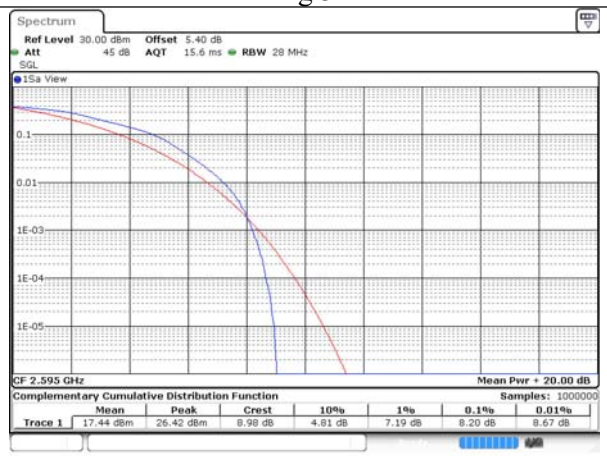


Fig.5

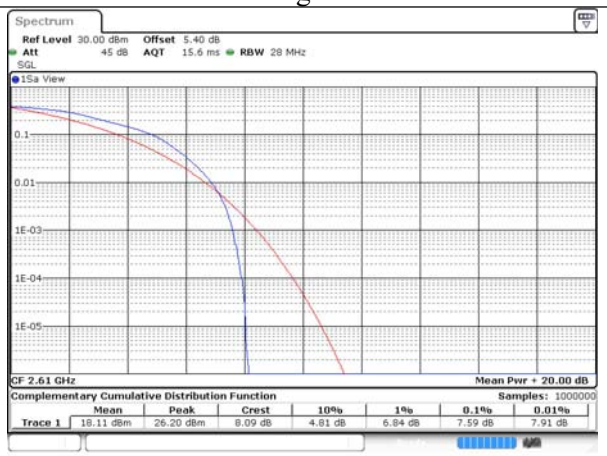


Fig.6

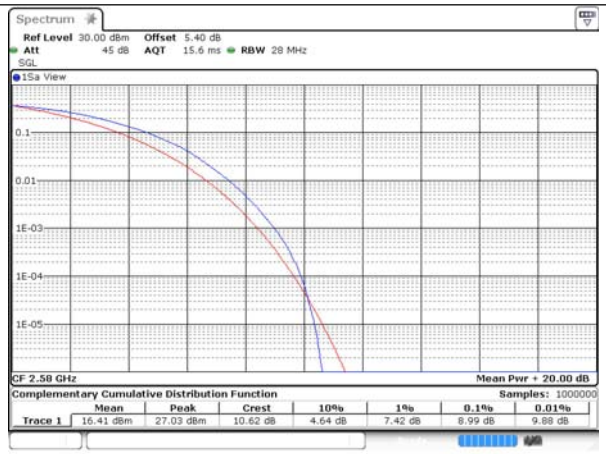


Fig.7

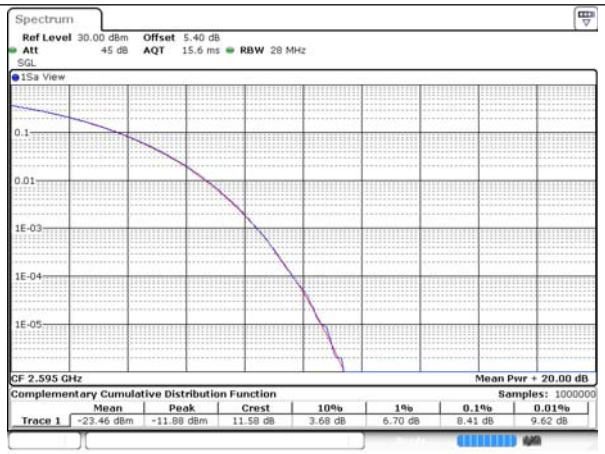


Fig.8

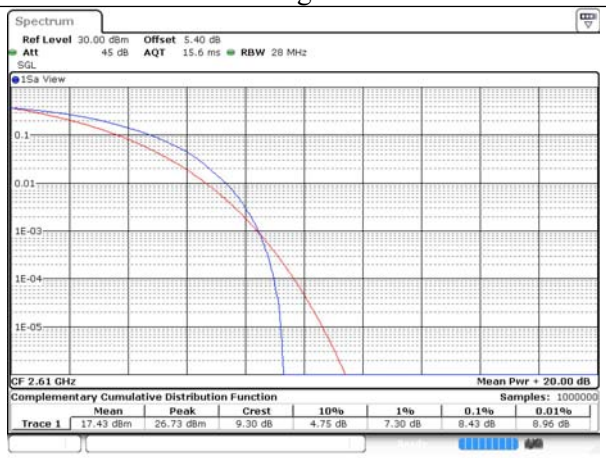


Fig.9

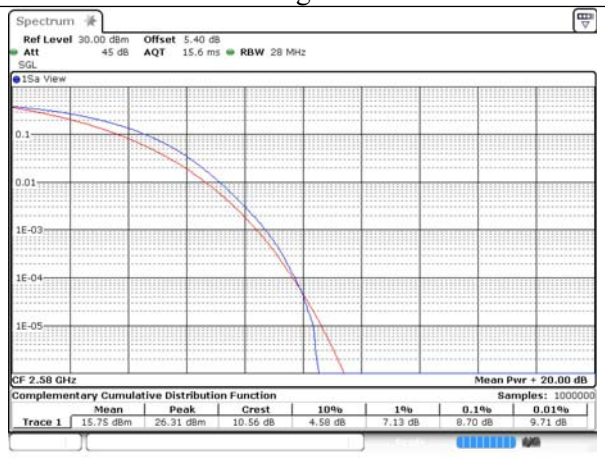


Fig.10

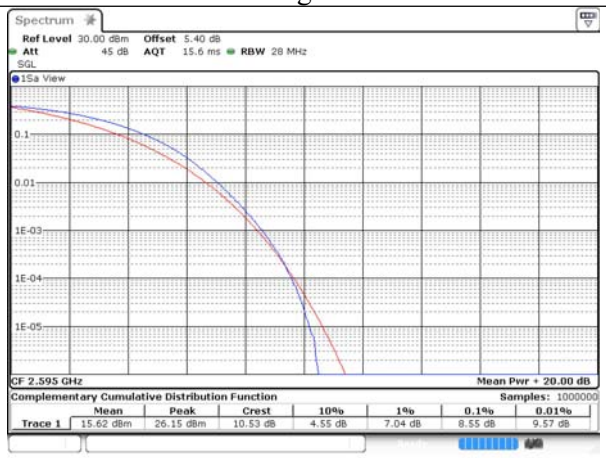


Fig.11

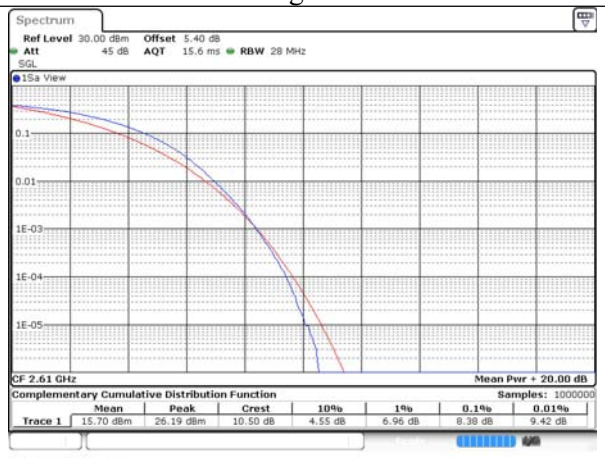


Fig.12

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

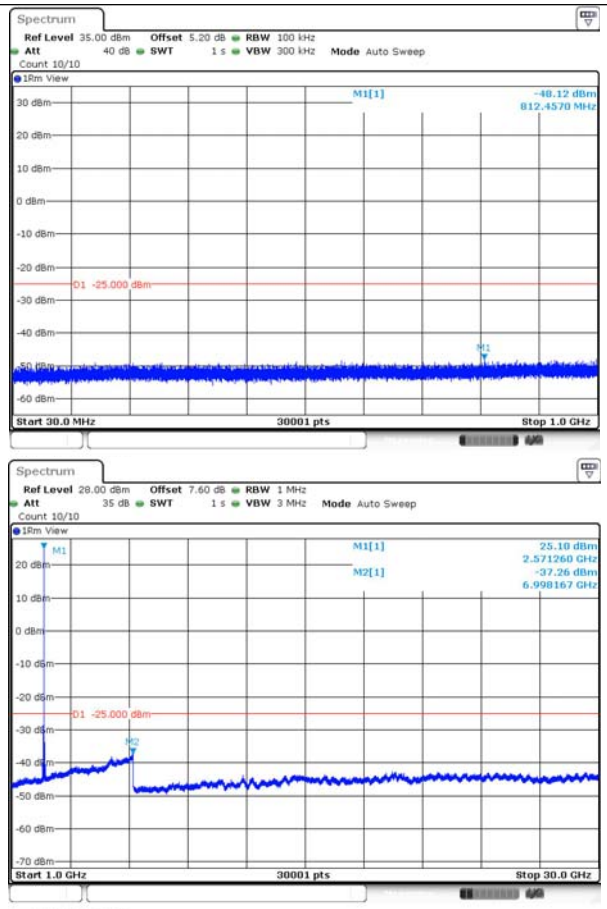


Fig.1

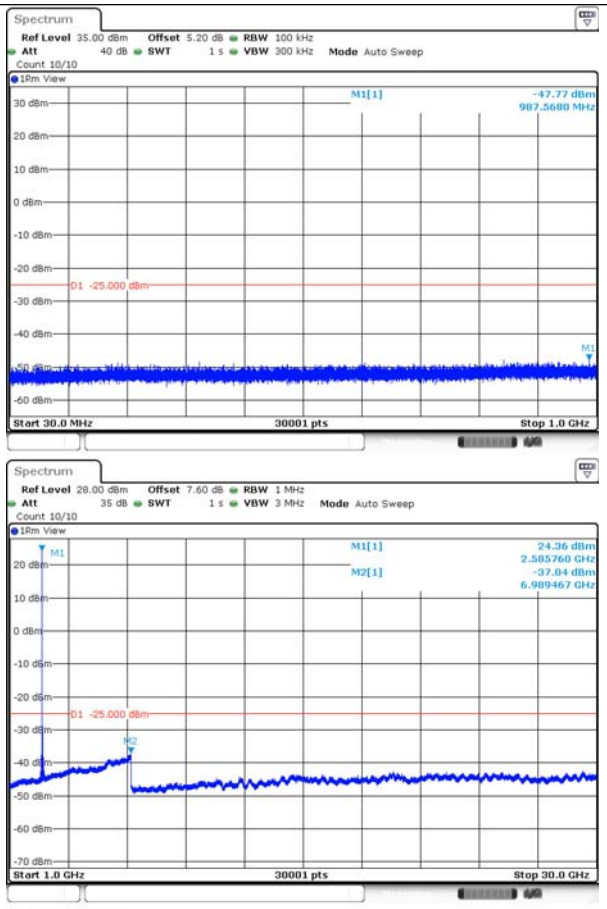
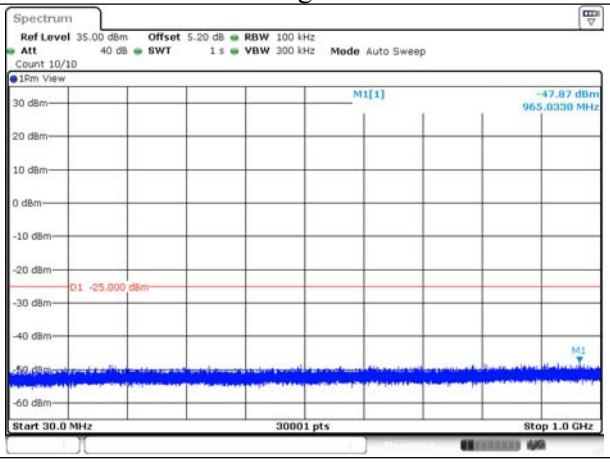


Fig.2



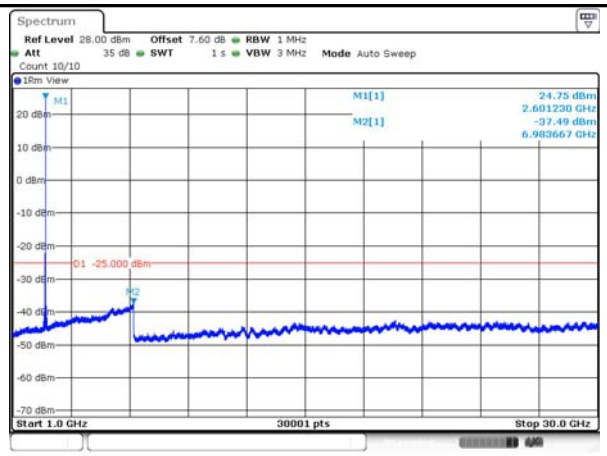

Spectrum
Ref Level 28.00 dBm Offset 7.60 dB RBW 1 MHz
Att 35 dB SWT 1 s VBW 3 MHz Mode Auto Sweep
Count 10/10
1Rm View
M1
M1[1] 24.75 dBm
2.601230 GHz
M2[1] -37.49 dBm
6.983667 GHz
D1 -25.000 dBm
M2
20 dBm
10 dBm
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
Start 1.0 GHz
30001 pts
Stop 30.0 GHz

Fig.3

6 Band Edges Compliance

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
						QPSK
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

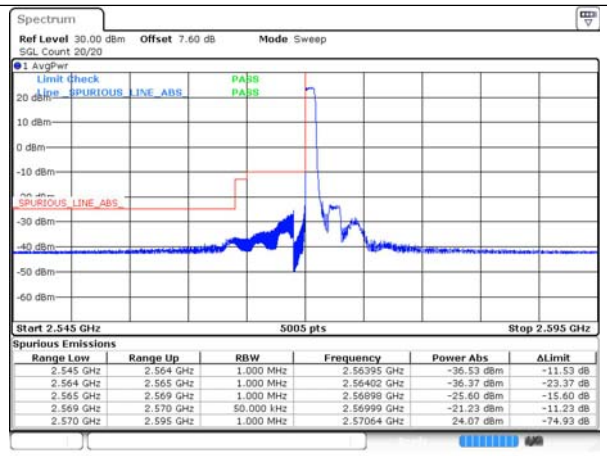


Fig.1

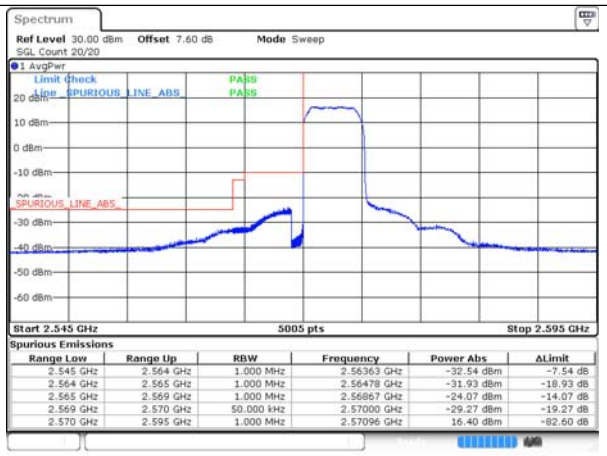


Fig.2

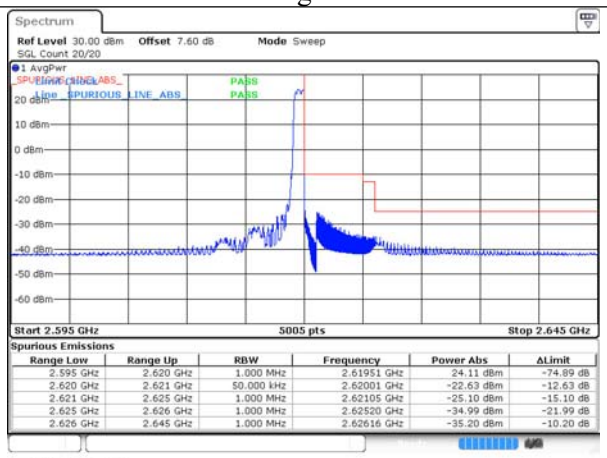


Fig.3

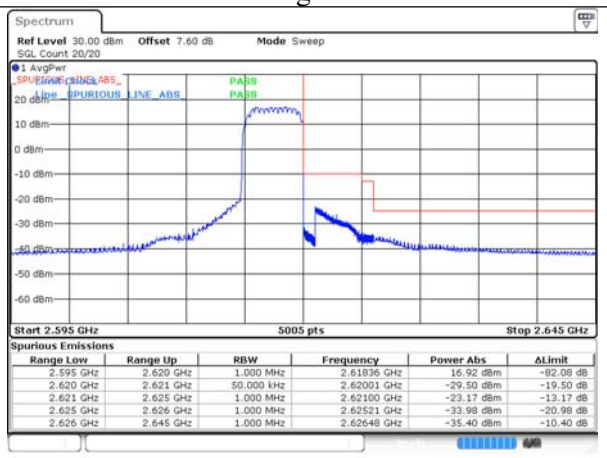


Fig.4

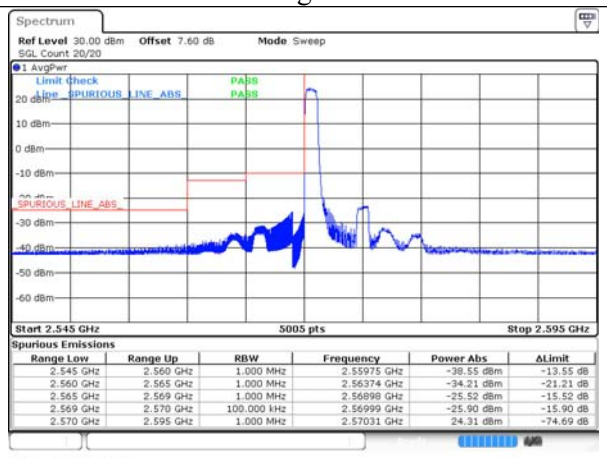


Fig.5

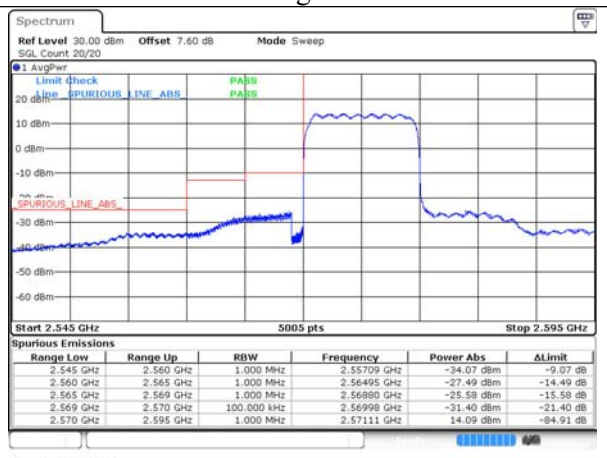


Fig.6

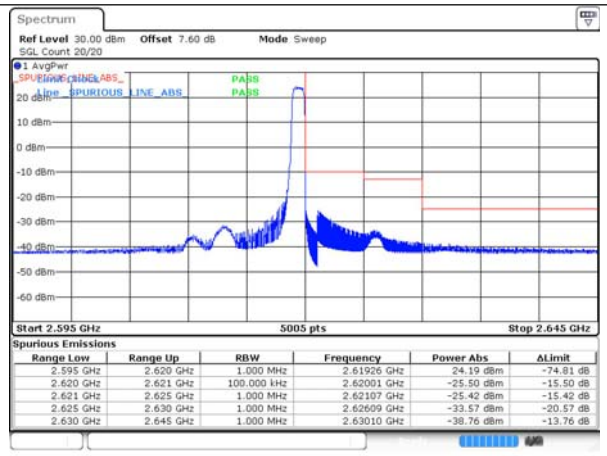


Fig.7

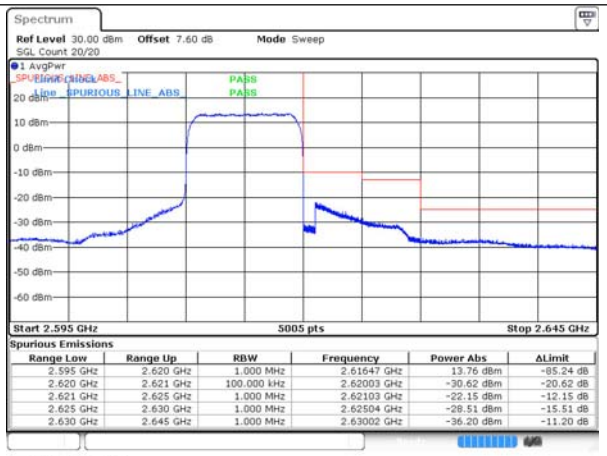


Fig.8

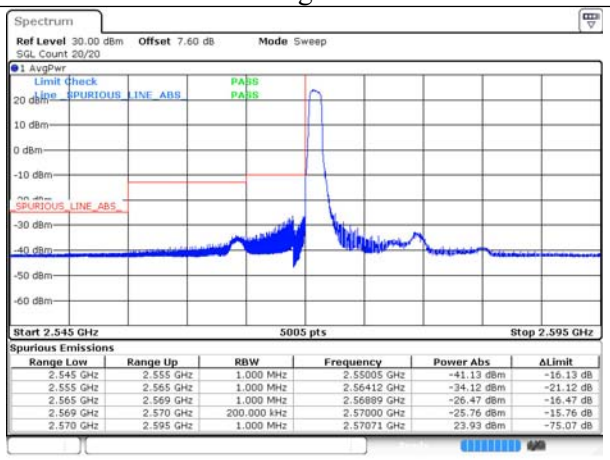


Fig.9

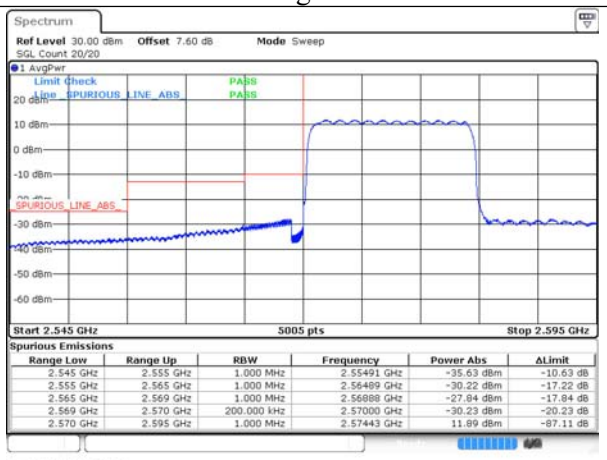


Fig.10

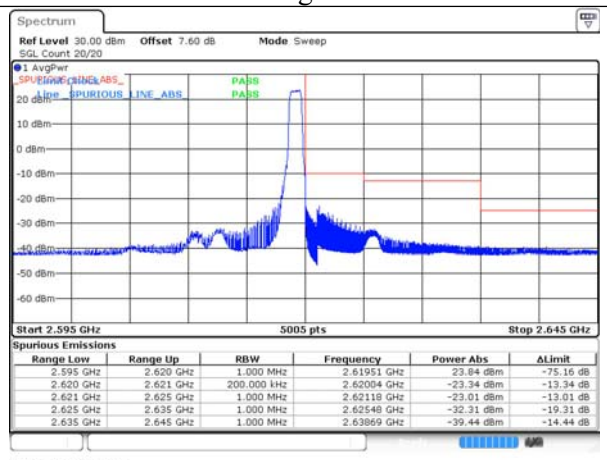


Fig.11

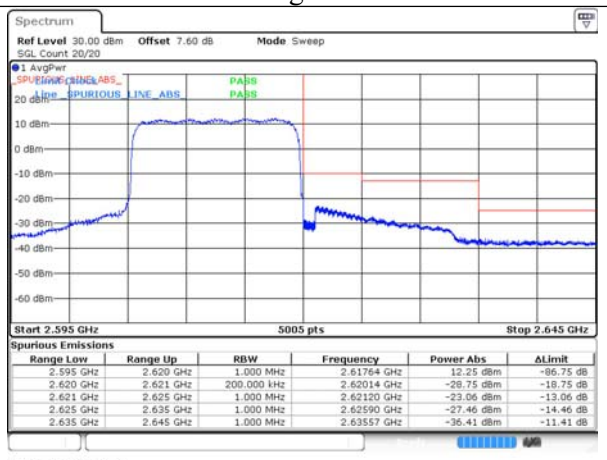


Fig.12

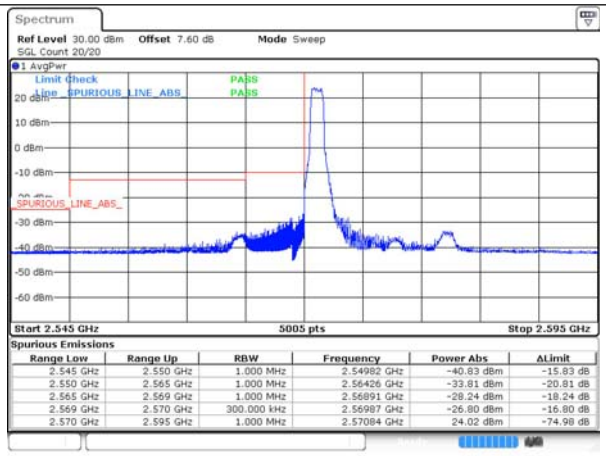


Fig.13

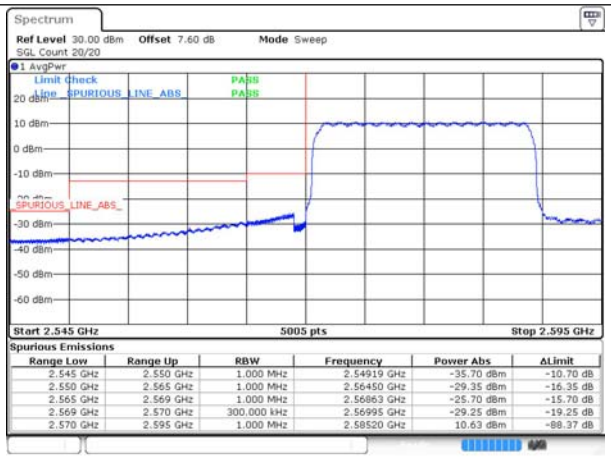


Fig.14

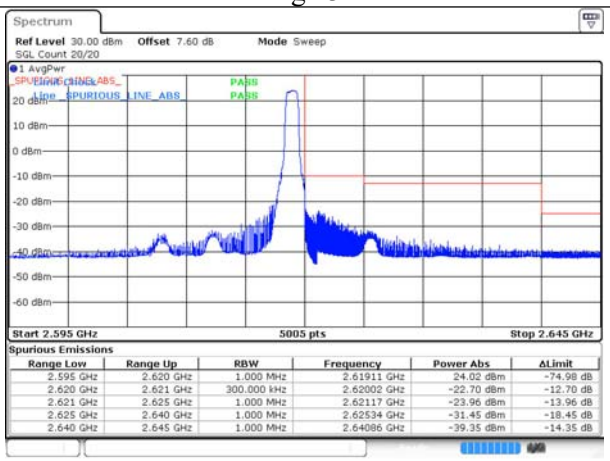


Fig.15

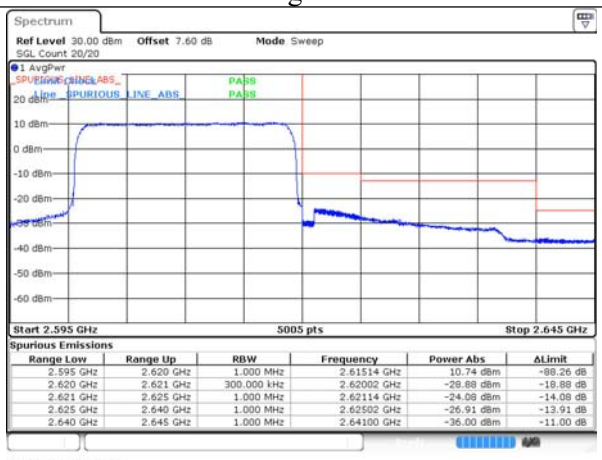


Fig.16

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
				25	0	19.45	17.45	0.056
	2595	38000		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
				25	0	19.17	17.17	0.052
256QAM	2572.5	37775		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
				12	13	17.41	15.41	0.035
				25	0	17.5	15.5	0.035
	2595	38000		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	22.54	20.54	0.113
				1RB#38	22.35	20.35	0.108
				1RB#74	22.41	20.41	0.110