APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 7

1 RF Power Output

Modulation	Carrier frequerncy (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2502.5	20775	5	1	0	22.86
				1	12	22.91
				1	24	22.84
				12	0	21.79
				12	6	21.84
				12	13	21.88
				25	0	21.74
	2535	21100		1	0	22.60
				1	12	22.56
				1	24	22.68
				12	0	21.53
				12	6	21.56
				12	13	21.48
				25	0	21.44
	2567.5	21425		1	0	22.16
				1	12	22.15
				1	24	22.07
				12	0	21.16
				12	6	21.21
				12	13	21.23
				25	0	21.23
16QAM	2502.5	20775		1	0	22.29
				1	12	21.94
				1	24	21.92
				12	0	20.81
				12	6	20.81
				12	13	20.84
				25	0	20.78
	2535	21100		1	0	21.75
				1	12	22.34
				1	24	21.76
				12	0	20.58
				12	6	20.60
				12	13	20.70
				25	0	20.58
	2567.5	21425		1	0	21.82
				1	12	21.51
				1	24	21.68
				12	0	20.38
				12	6	20.39
				12	13	20.47
				25	0	20.42

Modulation	Carrier frequerncy (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	2502.5	20775	5	1	0	21.19
				1	12	20.84
				1	24	20.83
				12	0	19.75
				12	6	19.78
				12	13	19.79
				25	0	19.73
	2535	21100		1	0	20.71
				1	12	21.31
				1	24	20.68
				12	0	19.50
				12	6	19.50
				12	13	19.62
				25	0	19.51
	2567.5	21425		1	0	20.80
				1	12	20.44
				1	24	20.63
				12	0	19.36
				12	6	19.32
				12	13	19.41
				25	0	19.34
256QAM	2502.5	20775		1	0	18.23
				1	12	17.87
				1	24	17.87
				12	0	17.72
				12	6	17.71
				12	13	17.76
				25	0	17.74
	2535	21100		1	0	17.67
				1	12	18.26
				1	24	17.7
				12	0	17.5
				12	6	17.54
				12	13	17.67
				25	0	17.49
	2567.5	21425		1	0	17.79
				1	12	17.41
				1	24	17.66
				12	0	17.30
				12	6	17.30
				12	13	17.45
				25	0	17.38

Modulation	Carrier frequerncy (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2505	20800	10	1	0	22.86
				1	24	22.61
				1	49	22.90
				25	0	21.76
				25	12	21.83
				25	25	21.84
				50	0	21.79
	2535	21100		1	0	22.60
				1	24	22.46
				1	49	22.08
				25	0	21.57
				25	12	21.47
				25	25	21.62
				50	0	21.49
	2565	21400		1	0	22.29
				1	24	22.11
				1	49	22.47
				25	0	21.29
				25	12	21.28
				25	25	21.35
				50	0	21.40
16QAM	2505	20800		1	0	22.21
				1	24	21.62
				1	49	21.79
				25	0	20.84
				25	12	20.91
				25	25	20.88
				50	0	20.81
	2535	21100		1	0	21.96
				1	24	22.11
				1	49	21.75
				25	0	20.68
				25	12	20.48
				25	25	20.47
				50	0	20.56
	2565	21400		1	0	21.75
				1	24	21.46
				1	49	21.81
				25	0	20.34
				25	12	20.22
				25	25	20.27
				50	0	20.30

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	2505	20800	10	1	0	21.11
				1	24	20.55
				1	49	20.74
				25	0	19.75
				25	12	19.84
				25	25	19.84
				50	0	19.77
	2535	21100		1	0	20.88
				1	24	21.01
				1	49	20.65
				25	0	19.66
				25	12	19.44
				25	25	19.38
				50	0	19.47
	2565	21400		1	0	20.68
				1	24	20.41
				1	49	20.76
				25	0	19.29
				25	12	19.20
				25	25	19.17
				50	0	19.27
256QAM	2505	20800		1	0	18.16
				1	24	17.53
				1	49	17.72
				25	0	17.82
				25	12	17.84
				25	25	17.82
				50	0	17.72
	2535	21100		1	0	17.90
				1	24	18.05
				1	49	17.66
				25	0	17.64
				25	12	17.44
				25	25	17.44
				50	0	17.50
	2565	21400		1	0	17.65
				1	24	17.44
				1	49	17.72
				25	0	17.32
				25	12	17.19
				25	25	17.25
				50	0	17.23

Modulation	Carrier frequerncy (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2507.5	20825	15	1	0	22.88
				1	37	22.86
				1	74	22.94
				36	0	22.16
				36	29	22.10
				36	30	22.14
				75	0	22.16
	2535	21100		1	0	22.88
				1	37	22.74
				1	74	22.72
				36	0	21.99
				36	29	21.85
				36	30	21.95
				75	0	21.90
	2562.5	21375		1	0	22.69
				1	37	22.71
				1	74	22.52
				36	0	21.66
				36	29	21.61
				36	30	21.54
				75	0	21.77
16QAM	2507.5	20825		1	0	22.39
				1	37	22.24
				1	74	22.48
				36	0	21.05
				36	29	21.06
				36	30	21.30
				75	0	21.20
	2535	21100		1	0	22.54
				1	37	22.50
				1	74	22.17
				36	0	21.08
				36	29	20.84
				36	30	20.84
				75	0	20.90
	2562.5	21375		1	0	21.87
				1	37	21.83
				1	74	22.09
				36	0	20.72
				36	29	20.79
				36	30	20.61
				75	0	20.73

Modulation	Carrier frequerncy (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	2507.5	20825	15	1	0	21.34
				1	37	21.14
				1	74	21.45
				36	0	20.02
				36	29	20.04
				36	30	20.26
				75	0	20.13
	2535	21100		1	0	21.50
				1	37	21.42
				1	74	21.12
				36	0	20.00
				36	29	19.82
				36	30	19.77
				75	0	19.83
	2562.5	21375		1	0	20.83
				1	37	20.80
				1	74	21.01
				36	0	19.65
				36	29	19.72
				36	30	19.56
				75	0	19.69
256QAM	2507.5	20825		1	0	18.32
				1	37	18.20
				1	74	18.41
				36	0	17.98
				36	29	18.02
				36	30	18.26
				75	0	18.15
	2535	21100		1	0	18.44
				1	37	18.48
				1	74	18.15
				36	0	18.01
				36	29	17.76
				36	30	17.77
				75	0	17.85
	2562.5	21375		1	0	17.80
				1	37	17.80
				1	74	18.07
				36	0	17.65
				36	29	17.69
				36	30	17.56
				75	0	17.71

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2510	20850	20	1	99	23.01
				1	49	23.17
				1	0	22.99
				50	50	22.07
				50	25	22.03
				50	0	22.06
				100	0	22.52
	2535	21100		1	99	22.98
				1	49	23.17
				1	0	23.01
				50	50	22.10
				50	25	22.04
				50	0	22.13
				100	0	22.18
	2560	21350		1	99	22.95
				1	49	23.18
				1	0	22.90
				50	50	22.18
				50	25	22.03
				50	0	21.96
				100	0	21.92
16QAM	2510	20850		1	99	22.40
				1	49	22.75
				1	0	22.45
				50	50	21.45
				50	25	21.35
				50	0	21.41
				100	0	21.35
	2535	21100		1	99	22.56
				1	49	22.32
				1	0	22.74
				50	50	21.35
				50	25	21.21
				50	0	21.19
				100	0	21.26
	2560	21350		1	99	22.09
				1	49	21.96
				1	0	21.89
				50	50	21.03
				50	25	21.07
				50	0	20.91
				100	0	20.98

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	2510	20850	20	1	99	21.35
				1	49	21.71
				1	0	21.37
				50	50	20.41
				50	25	20.29
				50	0	20.31
				100	0	20.25
	2535	21100		1	99	21.53
				1	49	21.26
				1	0	21.70
				50	50	20.27
				50	25	20.13
				50	0	20.14
				100	0	20.22
	2560	21350		1	99	21.00
				1	49	20.89
				1	0	20.83
				50	50	19.97
				50	25	20.05
				50	0	19.87
				100	0	19.95
256QAM	2510	20850		1	99	18.35
				1	49	18.69
				1	0	18.4
				50	50	18.41
				50	25	18.3
				50	0	18.39
				100	0	18.29
	2535	21100		1	99	18.51
				1	49	18.28
				1	0	18.65
				50	50	18.28
				50	25	18.12
				50	0	18.16
				100	0	18.19
	2560	21350		1	99	18.05
				1	49	17.87
				1	0	17.81
				50	50	17.98
				50	25	18.03
				50	0	17.89
				100	0	17.91

Test on the worst case:

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)
Band7	20MHz	QPSK	21350	1RB#0	22.9
				1RB#49	23.06
				1RB#99	22.77

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	
7	2502.5	20775	5	25	0	4.476	Fig.1	4.476	Fig.4	4.486	Fig.7	4.476	Fig.10
	2535	21100		25	0	4.476	Fig.2	4.486	Fig.5	4.486	Fig.8	4.476	Fig.11
	2567.5	21425		25	0	4.476	Fig.3	4.476	Fig.6	4.496	Fig.9	4.476	Fig.12
	2505	20800	10	50	0	8.951	Fig.13	8.931	Fig.16	8.951	Fig.19	8.951	Fig.22
	2535	21100		50	0	8.951	Fig.14	8.931	Fig.17	8.951	Fig.20	8.951	Fig.23
	2565	21400		50	0	8.971	Fig.15	8.931	Fig.18	8.971	Fig.21	8.951	Fig.24
	2507.5	20825	15	75	0	13.516	Fig.25	13.487	Fig.28	13.487	Fig.31	13.457	Fig.34
	2535	21100		75	0	13.487	Fig.26	13.457	Fig.29	13.487	Fig.32	13.457	Fig.35
	2562.5	21375		75	0	13.516	Fig.27	13.487	Fig.30	13.487	Fig.33	13.457	Fig.36
	2510	20850	20	100	0	18.062	Fig.37	18.022	Fig.40	18.022	Fig.43	17.942	Fig.46
	2535	21100		100	0	17.982	Fig.38	17.902	Fig.41	17.902	Fig.44	17.902	Fig.47
	2560	21350		100	0	17.982	Fig.39	17.982	Fig.42	17.982	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	
7	2502.5	20775	5	25	0	4.900	Fig.1	4.960	Fig.4	4.950	Fig.7	4.880	Fig.10
	2535	21100		25	0	4.910	Fig.2	4.960	Fig.5	4.960	Fig.8	4.880	Fig.11
	2567.5	21425		25	0	4.920	Fig.3	4.950	Fig.6	4.950	Fig.9	4.860	Fig.12
	2505	20800	10	50	0	9.720	Fig.13	9.660	Fig.16	9.780	Fig.19	9.700	Fig.22
	2535	21100		50	0	9.680	Fig.14	9.660	Fig.17	9.780	Fig.20	9.660	Fig.23
	2565	21400		50	0	9.700	Fig.15	9.600	Fig.18	9.760	Fig.21	9.720	Fig.24
	2507.5	20825	15	75	0	14.880	Fig.25	14.850	Fig.28	14.850	Fig.31	14.790	Fig.34
	2535	21100		75	0	14.880	Fig.26	14.850	Fig.29	14.880	Fig.32	14.760	Fig.35
	2562.5	21375		75	0	14.880	Fig.27	14.820	Fig.30	14.910	Fig.33	14.760	Fig.36
	2510	20850	20	100	0	19.480	Fig.37	19.440	Fig.40	19.760	Fig.43	19.360	Fig.46
	2535	21100		100	0	19.480	Fig.38	19.440	Fig.41	19.560	Fig.44	19.360	Fig.47
	2560	21350		100	0	19.560	Fig.39	19.480	Fig.42	19.600	Fig.45	19.360	Fig.48

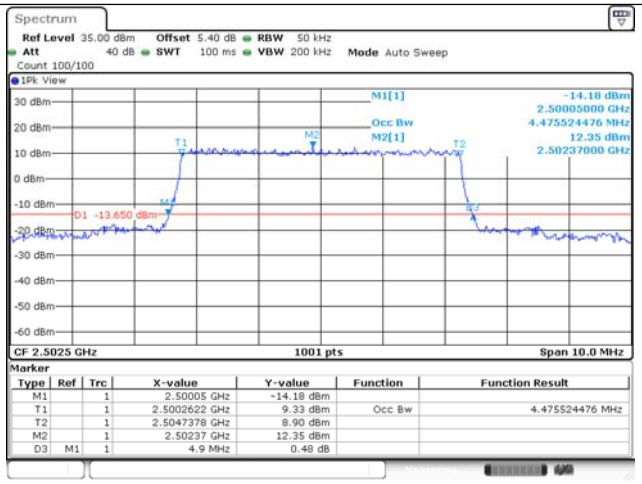

Fig.1

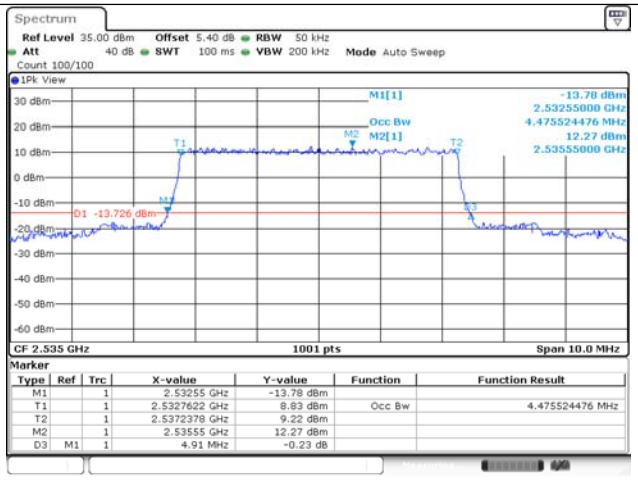

Fig.2

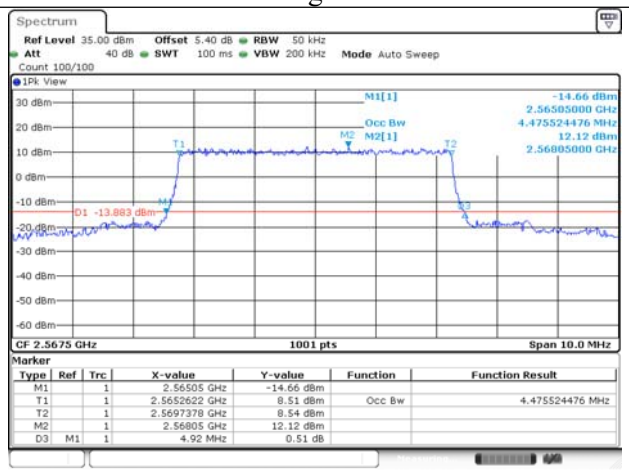

Fig.3

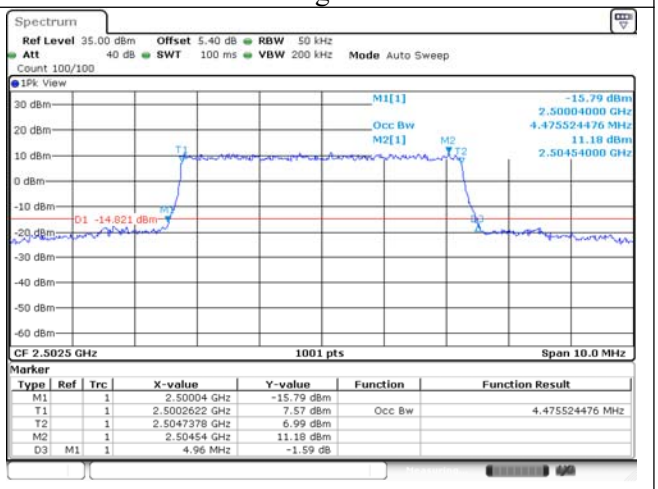

Fig.4

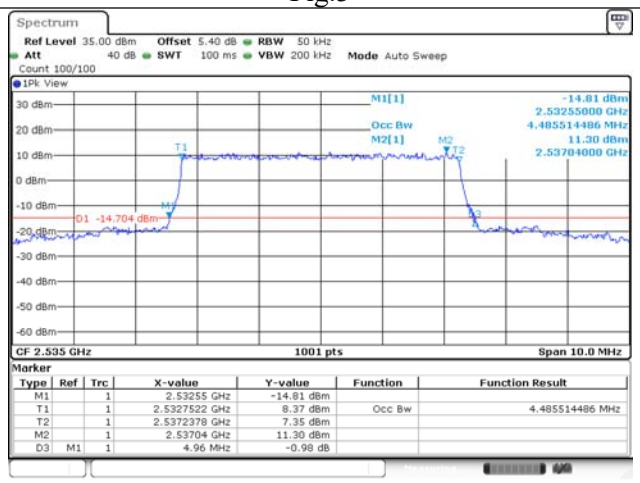

Fig.5

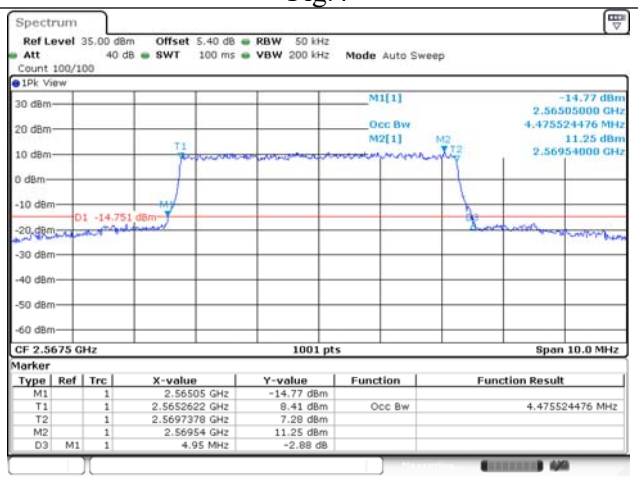

Fig.6

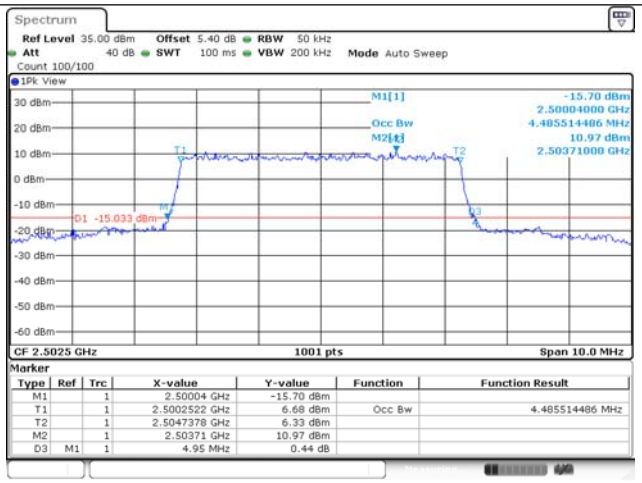

Fig.7

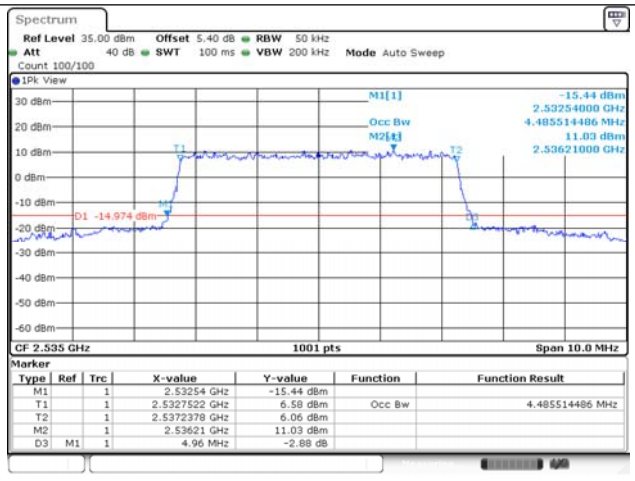

Fig.8

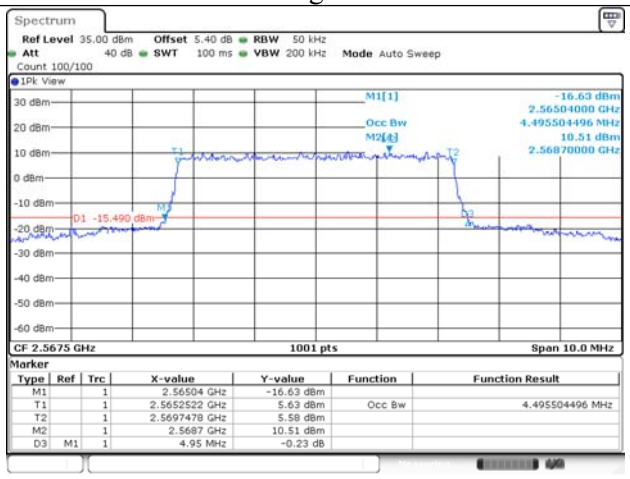

Fig.9

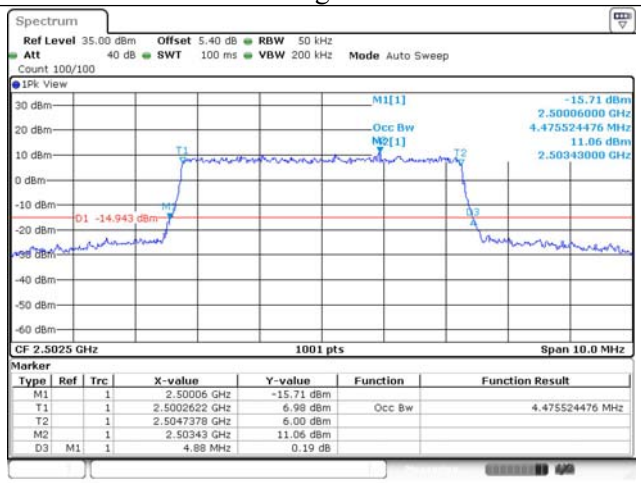

Fig.10

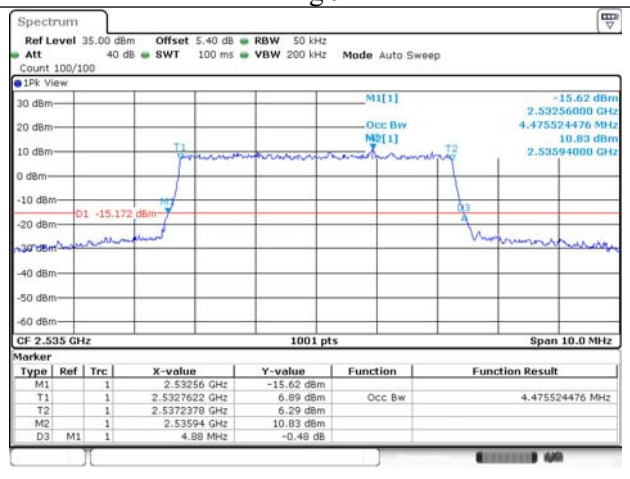

Fig.11

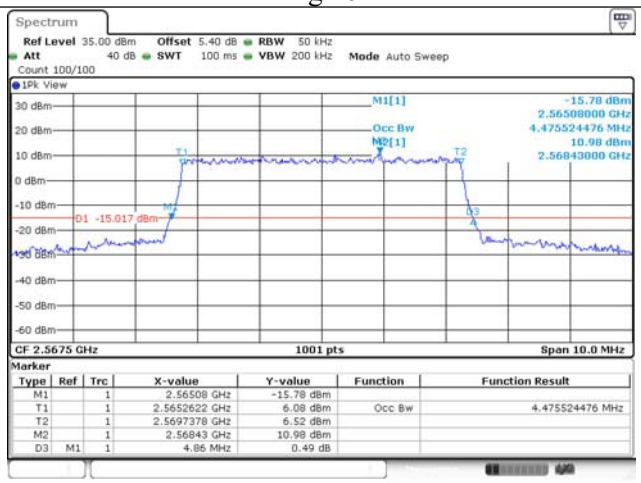

Fig.12

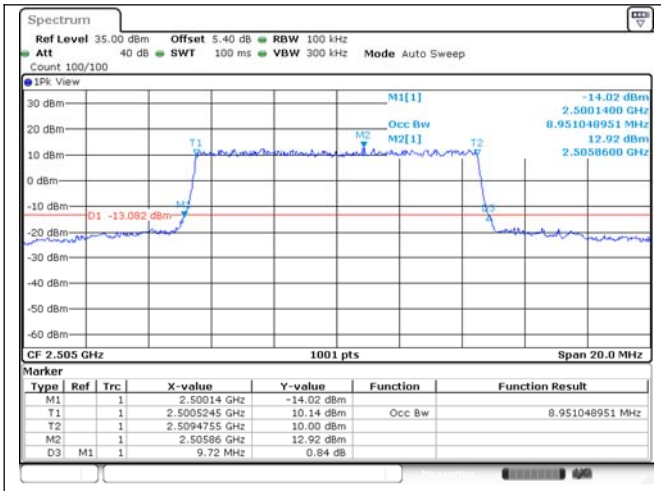

Fig.13

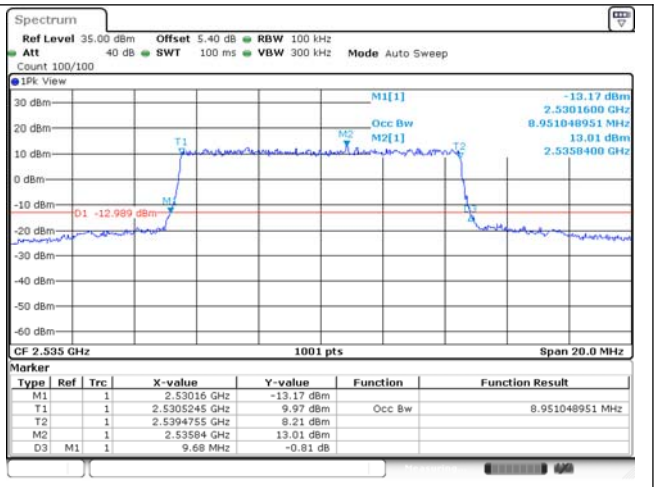

Fig.14

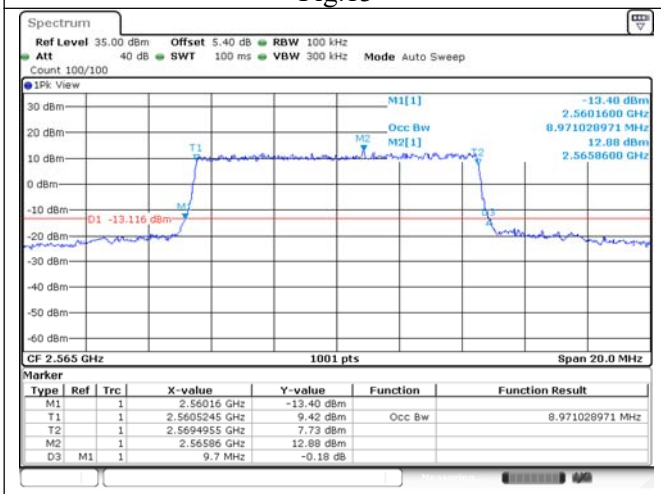

Fig.15

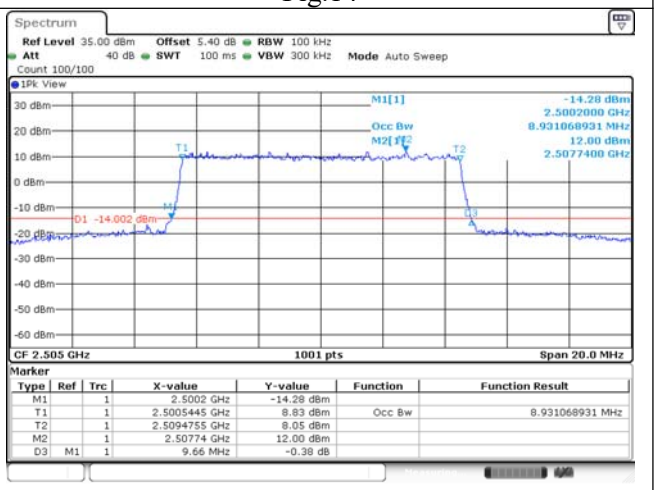

Fig.16

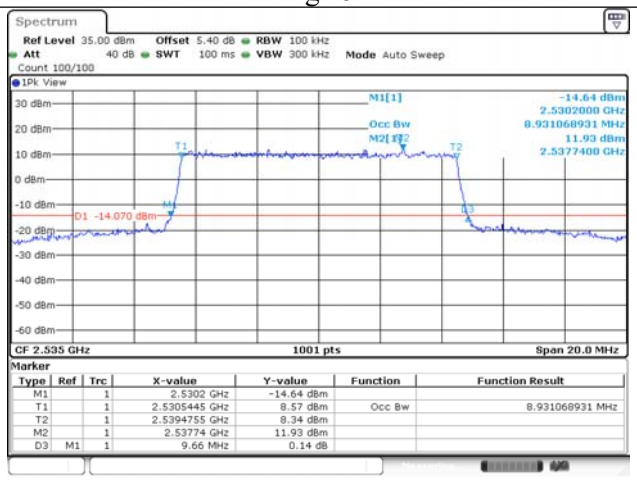

Fig.17

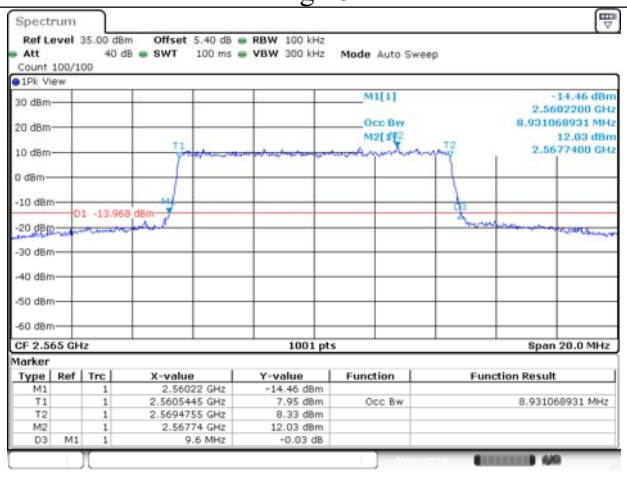

Fig.18

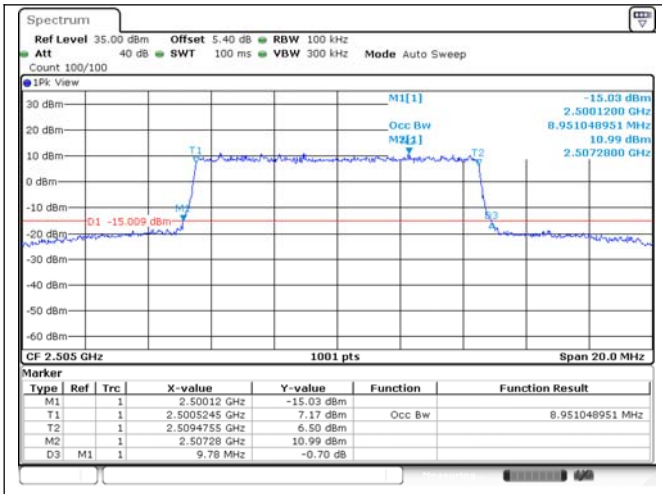

Fig.19

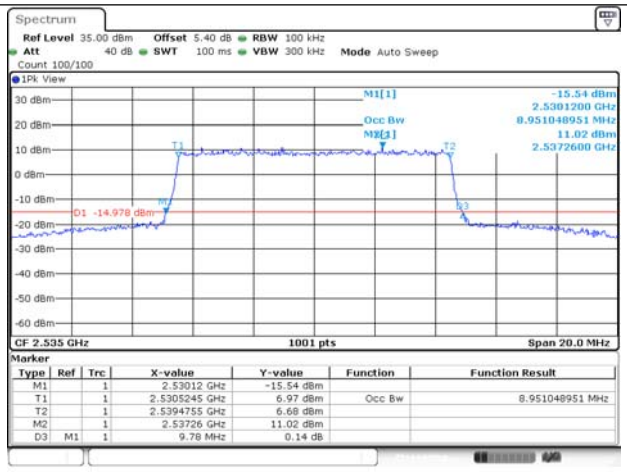

Fig.20

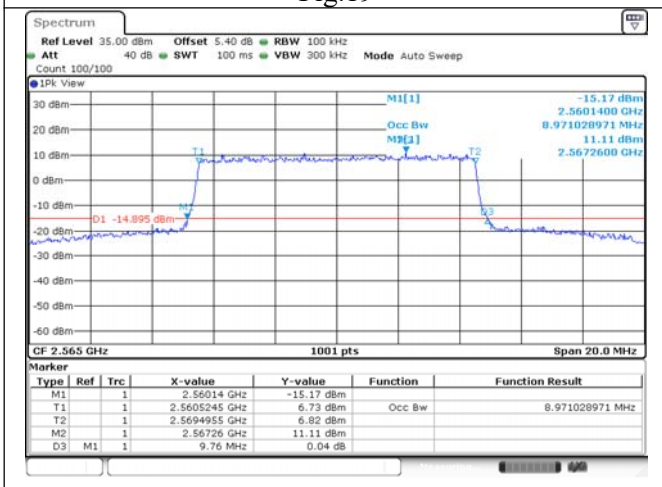

Fig.21

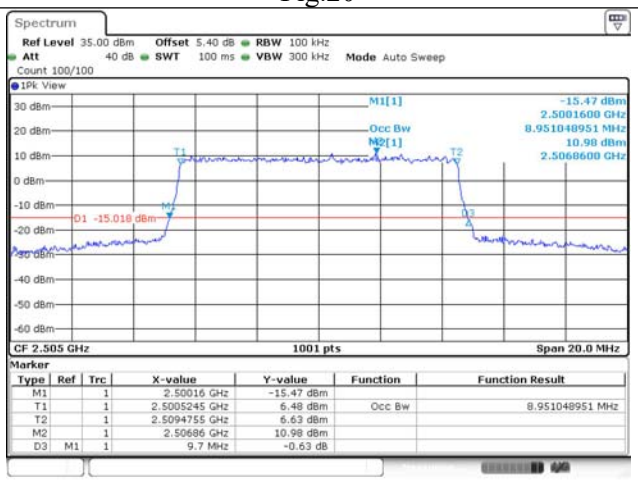

Fig.22

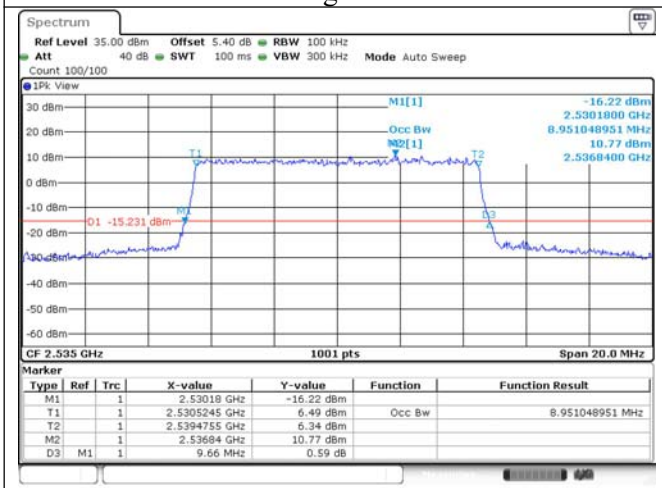

Fig.23

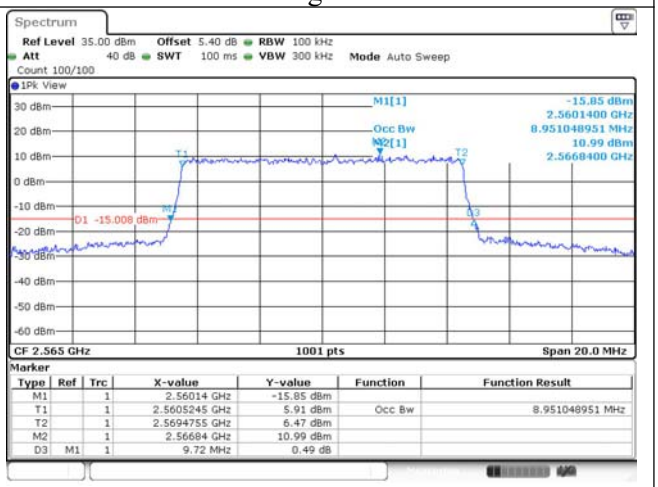

Fig.24

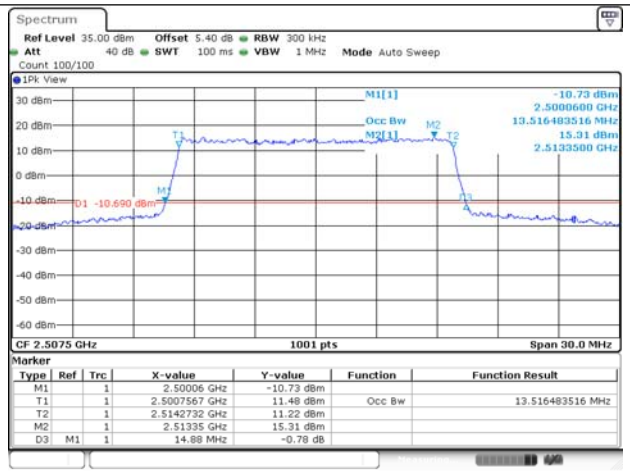

Fig.25

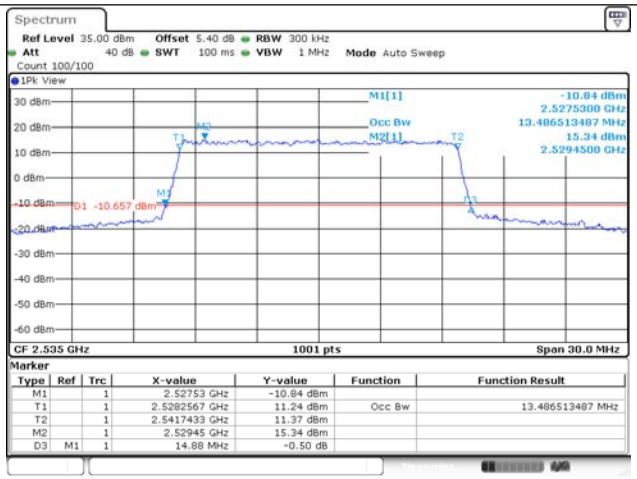

Fig.26

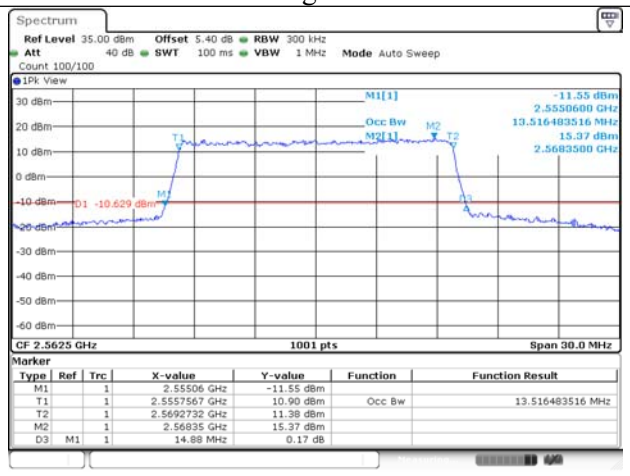

Fig.27

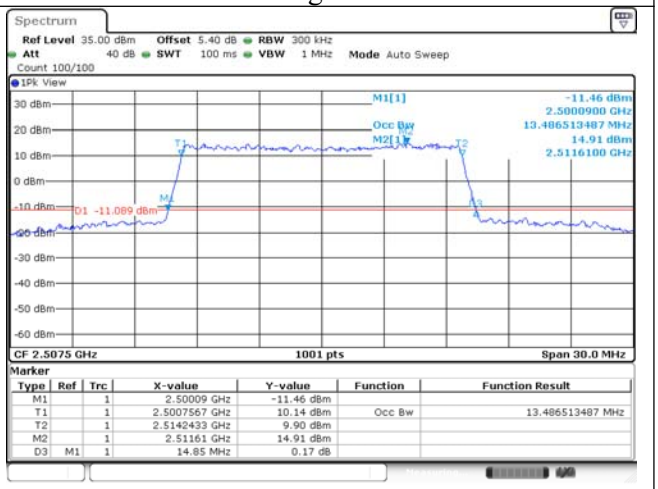

Fig.28

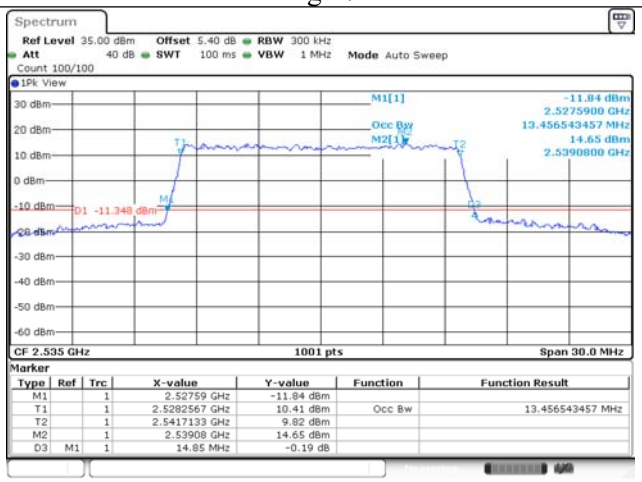

Fig.29

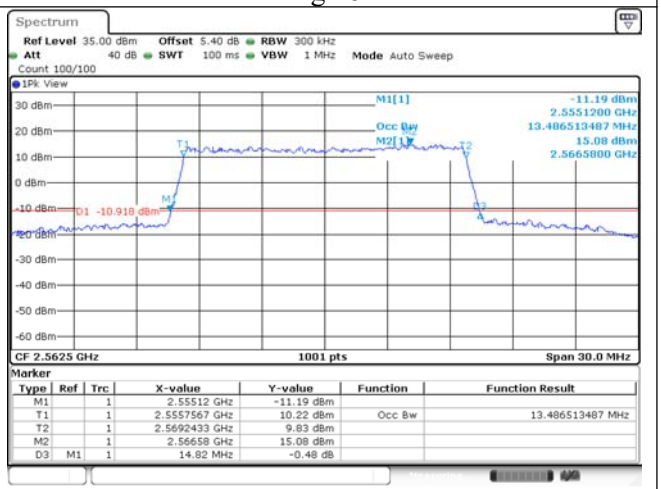

Fig.30

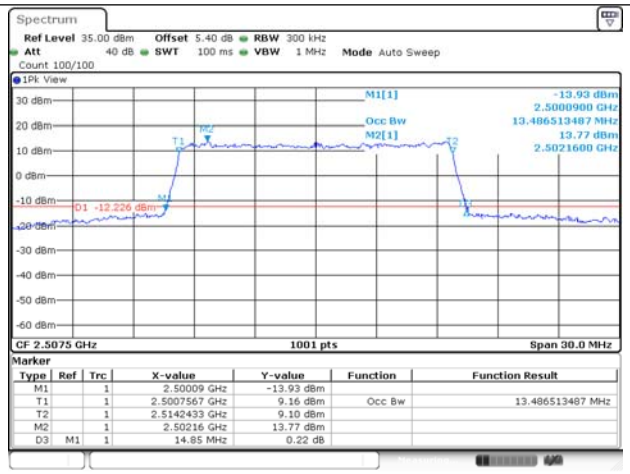

Fig.31

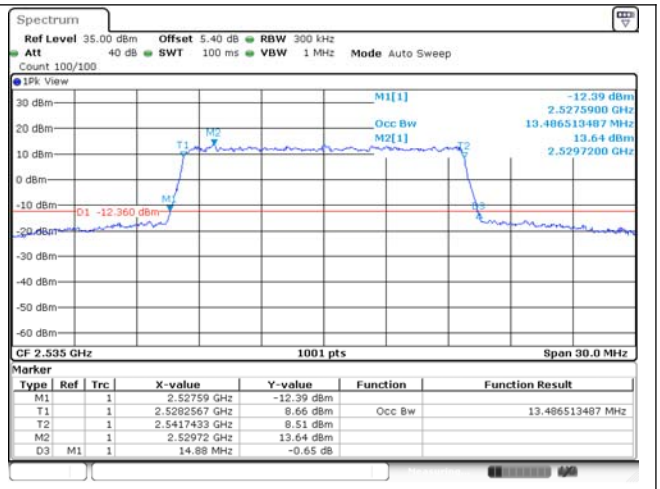

Fig.32

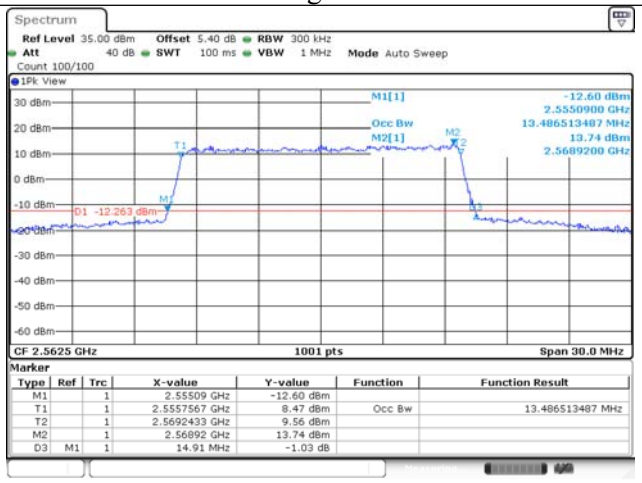

Fig.33

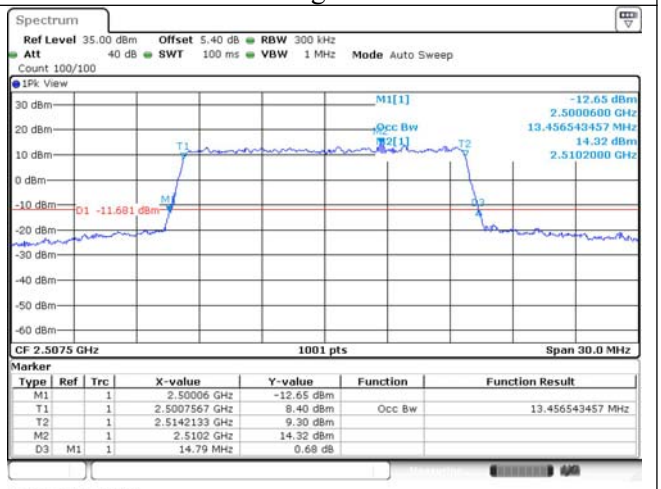

Fig.34

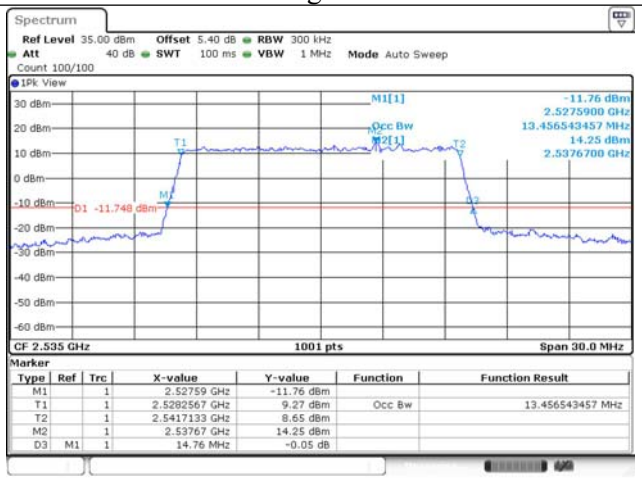

Fig.35

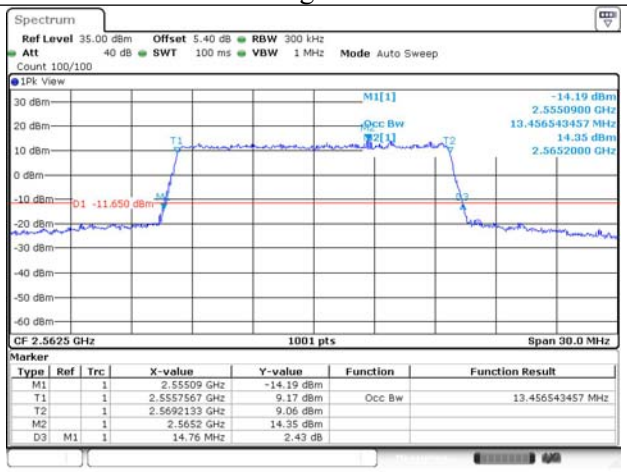

Fig.36

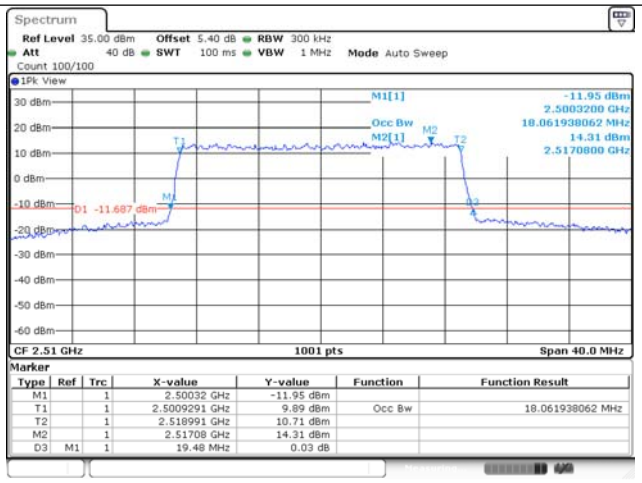

Fig.37

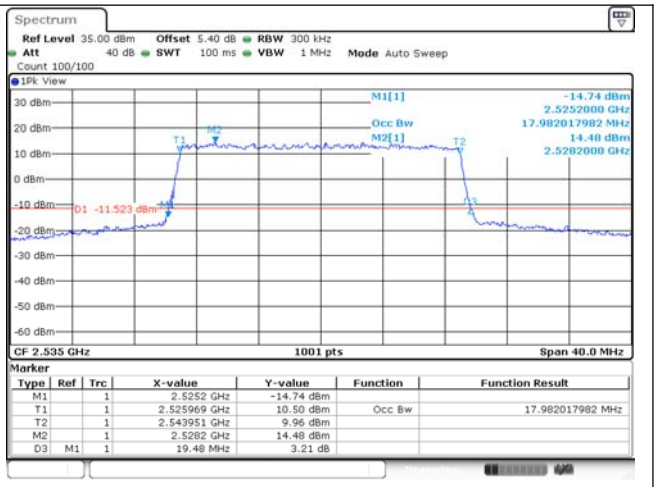

Fig.38

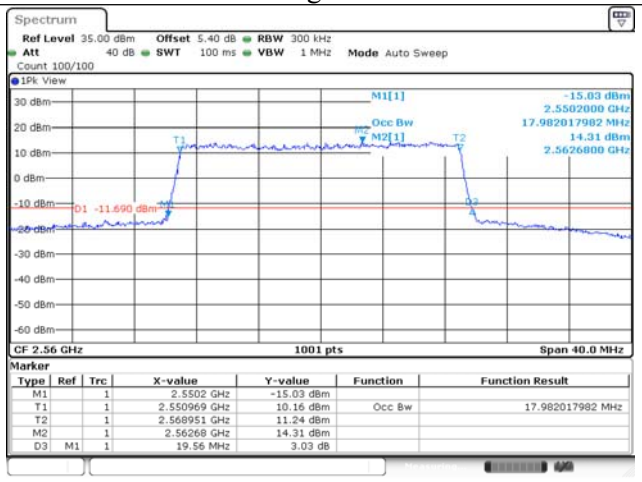

Fig.39

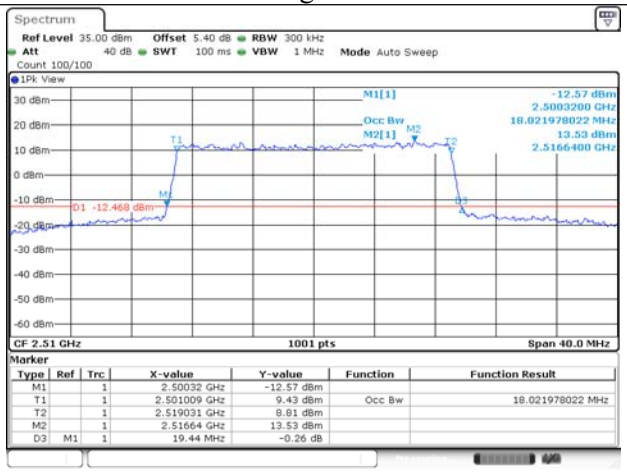

Fig.40

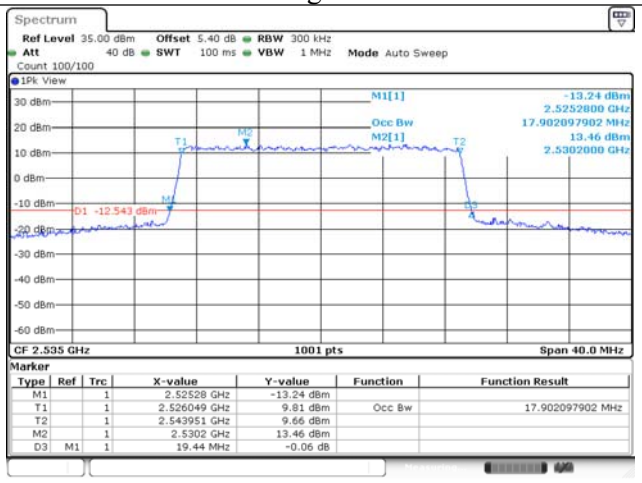

Fig.41

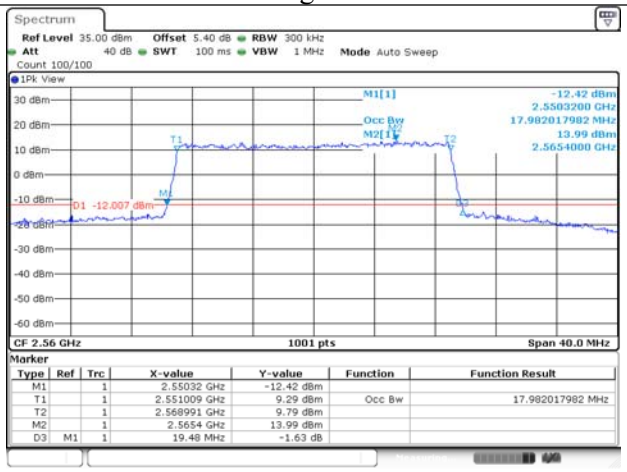

Fig.42

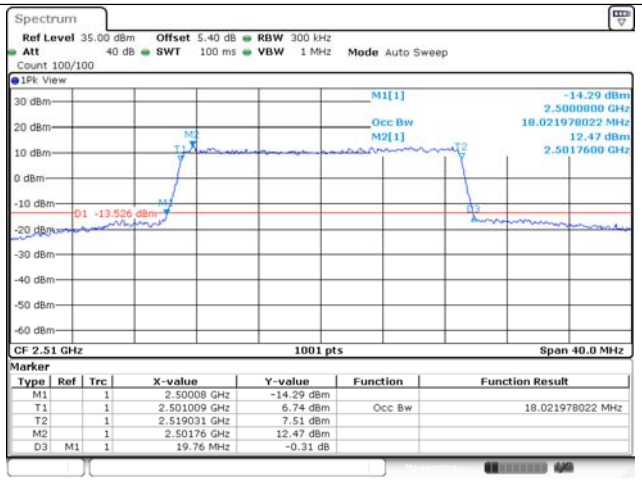

Fig.43

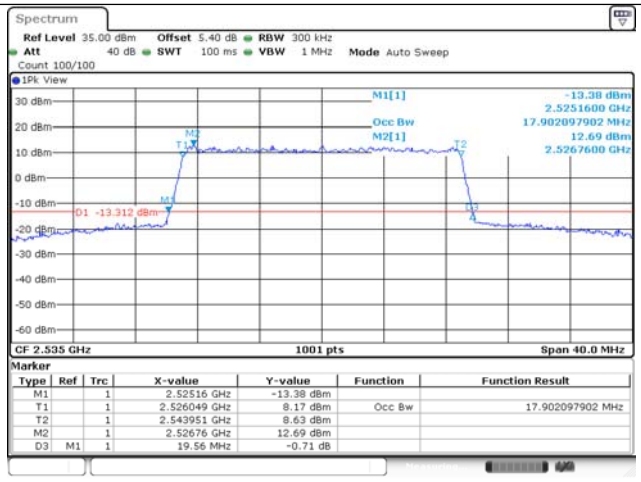

Fig.44

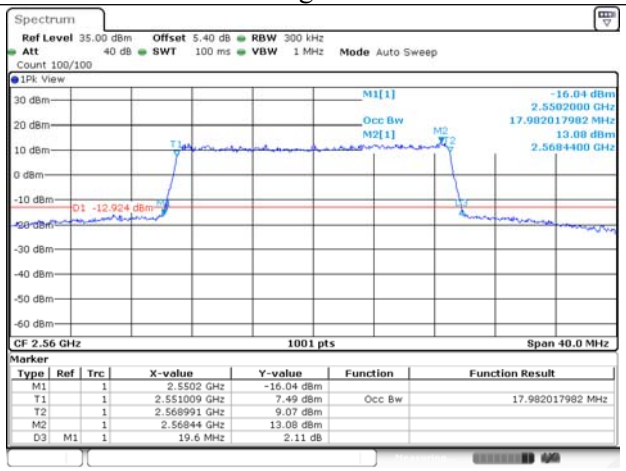

Fig.45

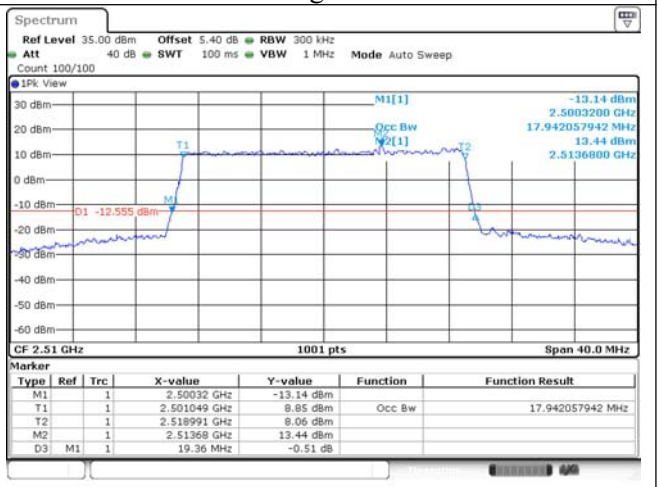

Fig.46

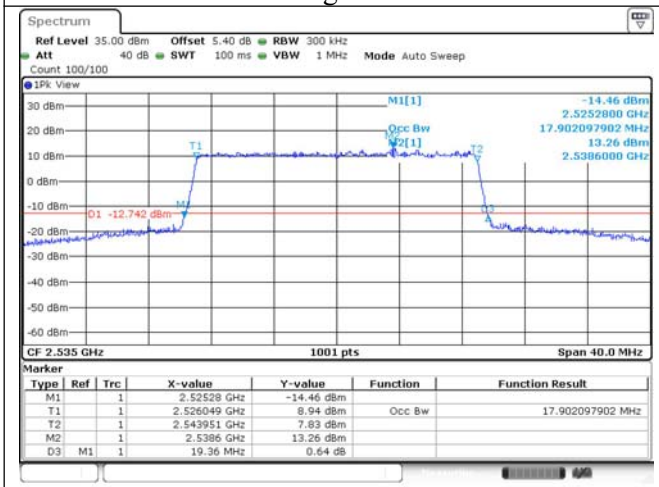

Fig.47

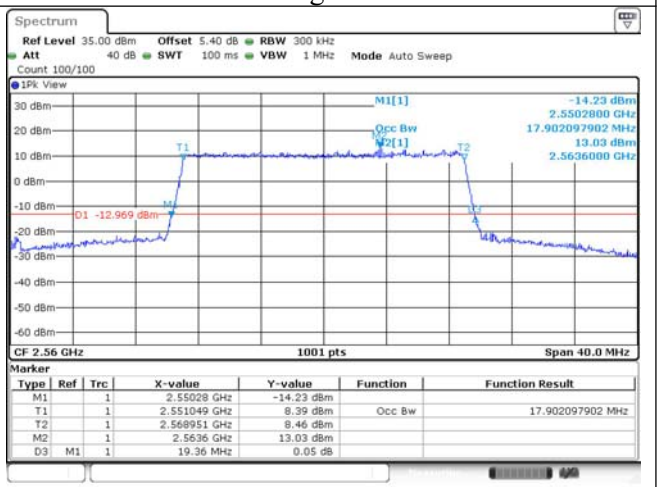

Fig.48

4 Peak-Average Ratio

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	QPSK	16-QAM	64-QAM	256-QAM
	2510	20850		100	0	Fig.1	Fig.4	Fig.7	Fig.10
	2535	21100		100	0	Fig.2	Fig.5	Fig.8	Fig.11
	2560	21350		100	0	Fig.3	Fig.6	Fig.9	Fig.12

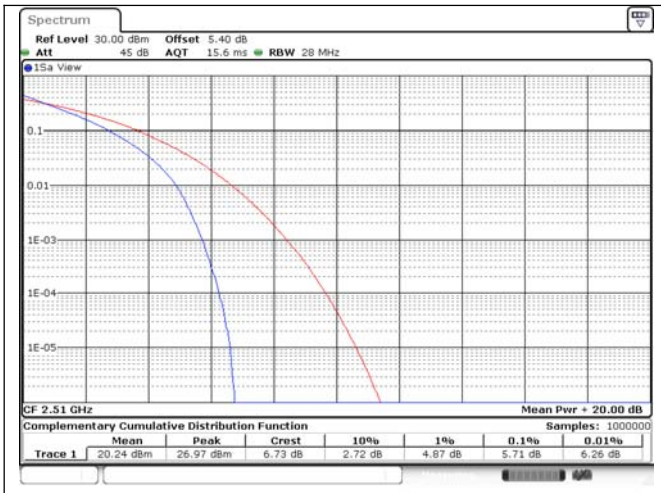

Fig.1

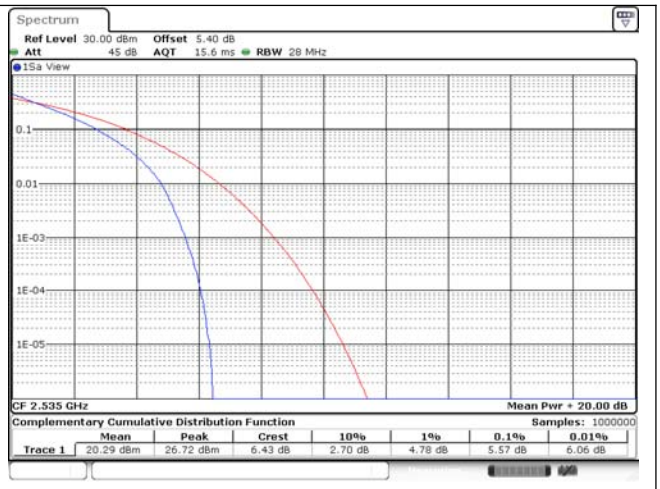

Fig.2

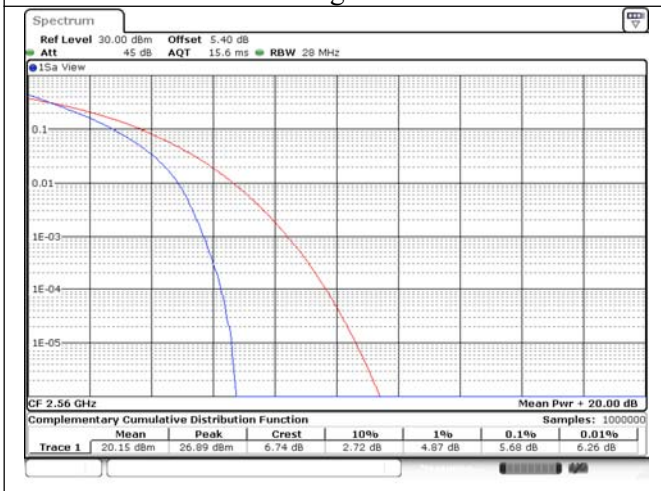

Fig.3

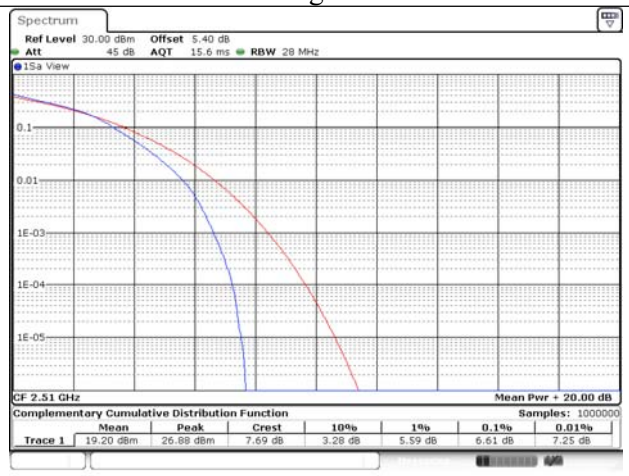

Fig.4

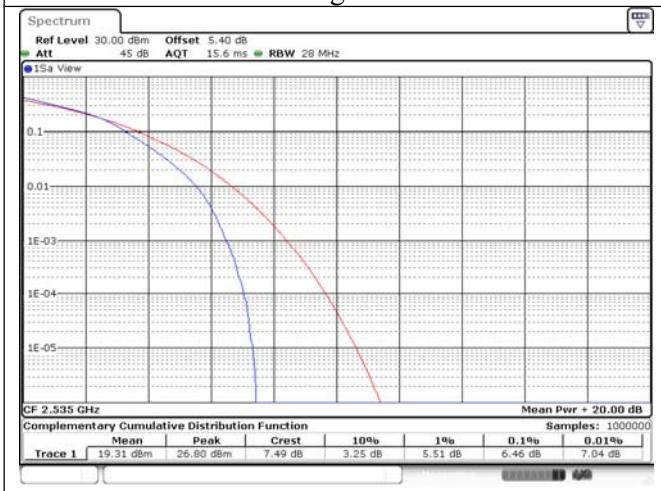

Fig.5

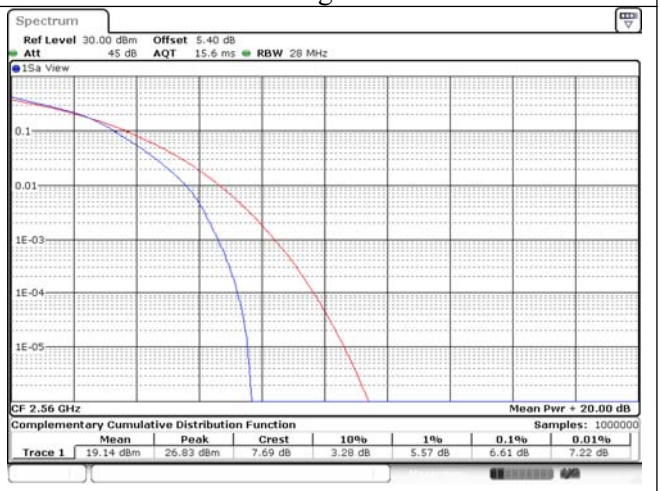

Fig.6

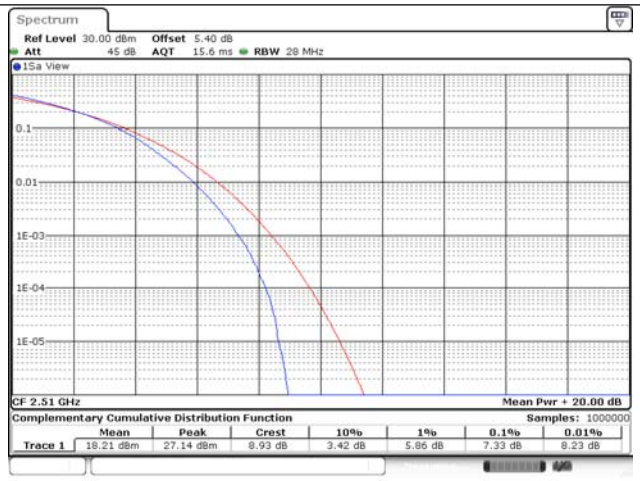

Fig.7

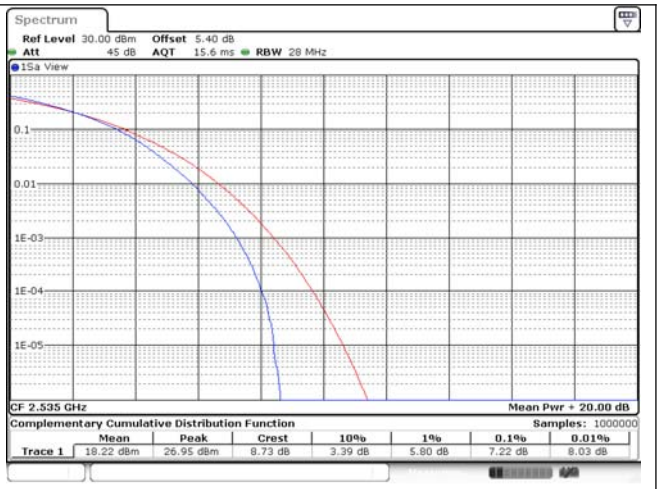

Fig.8

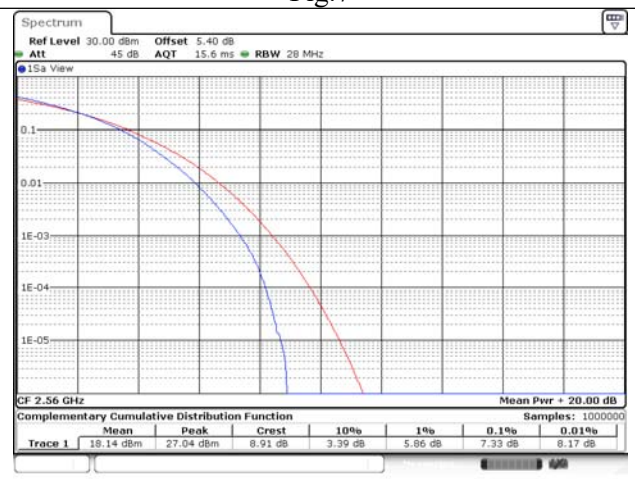

Fig.9

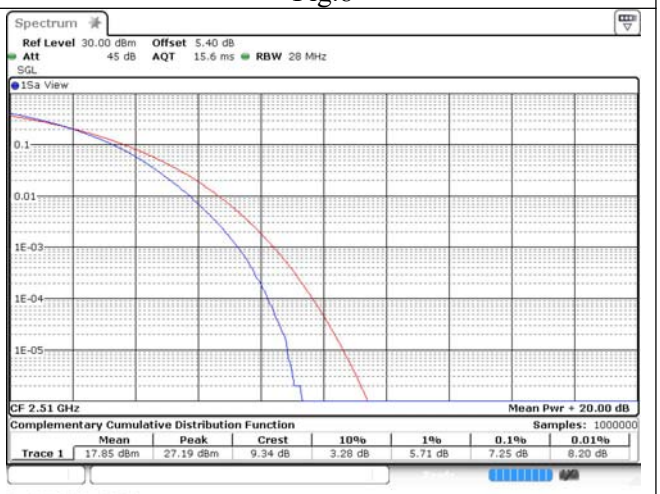

Fig.10

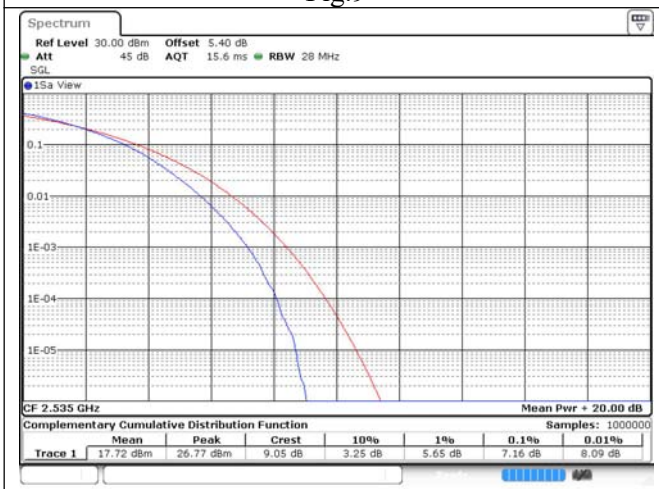

Fig.11

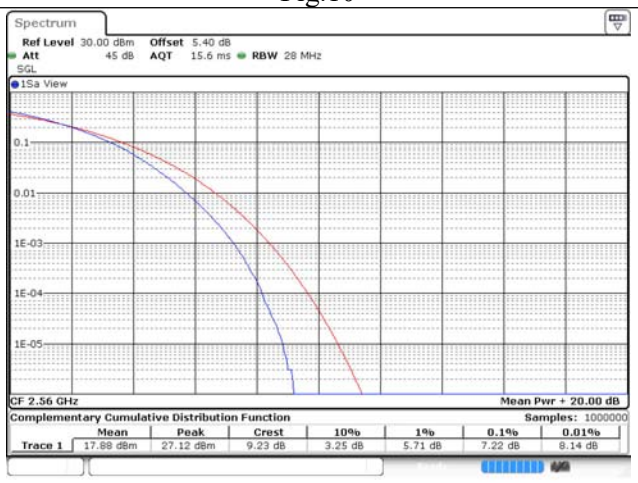

Fig.12

5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
7	2510	20850	20	1	0	Fig.1~ Fig.2
	2535	21100		1	0	Fig.3~ Fig.4
	2560	21350		1	0	Fig.5~ Fig.6

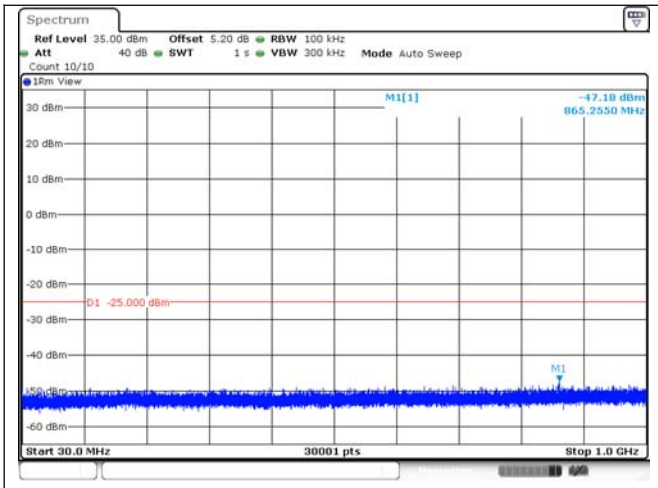

Fig.1

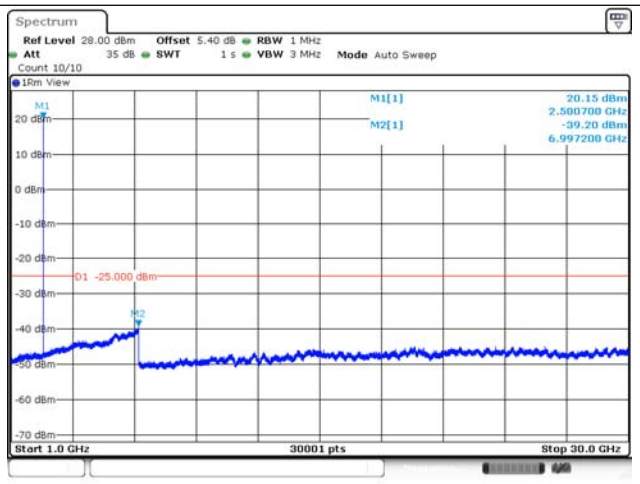

Fig.2

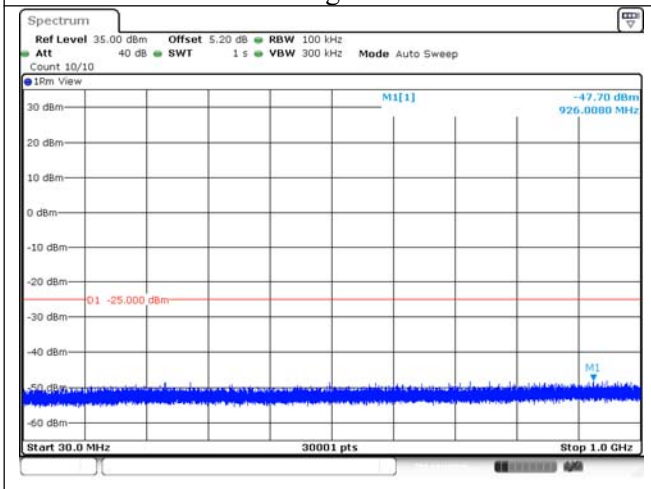

Fig.3

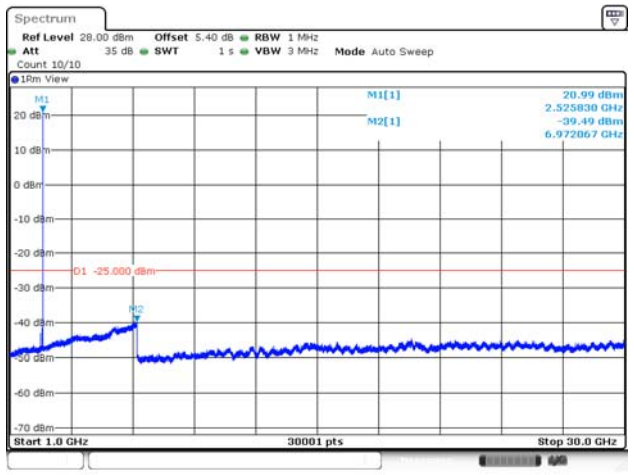

Fig.4

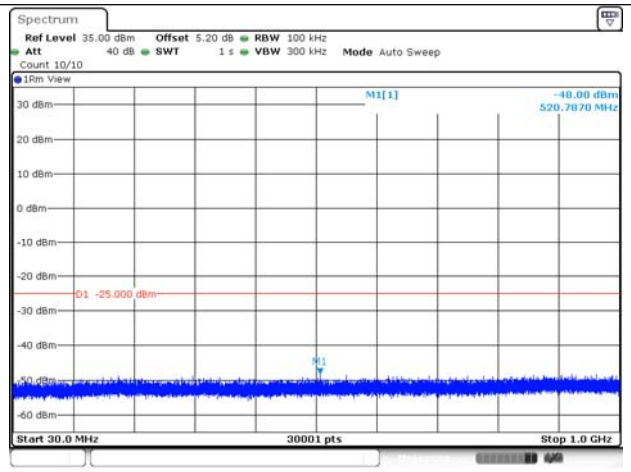
Spectrum
Ref Level 35.00 dBm Offset 5.20 dB RBW 100 kHz
Att 40 dB SWT 1 s VBW 300 kHz Mode Auto Sweep
Count 10/10
1Rm View
M1[1] -48.00 dBm
520.7870 MHz
D1 -25.000 dBm
Start 30.0 MHz 30001 pts Stop 1.0 GHz

Fig.5

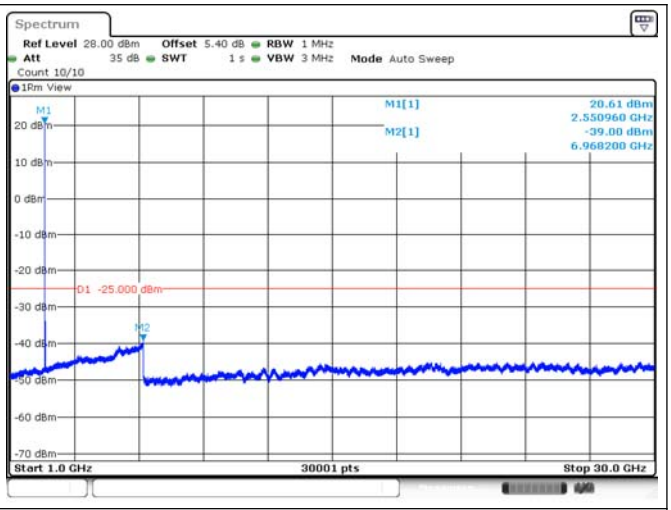
Spectrum
Ref Level 28.00 dBm Offset 5.40 dB RBW 1 MHz
Att 35 dB SWT 1 s VBW 3 MHz Mode Auto Sweep
Count 10/10
1Rm View
M1[1] 20.61 dBm
2.550960 GHz
M2[1] -39.00 dBm
6.968200 GHz
D1 -25.000 dBm
Start 1.0 GHz 30001 pts Stop 30.0 GHz

Fig.6

6 Band Edges Compliance

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
						QPSK
7	2502.5	20775	5	1	0	Fig.1
				25	0	Fig.2
	2567.5	21425		1	24	Fig.3
				25	0	Fig.4
	2505	20800	10	1	0	Fig.5
				50	0	Fig.6
	2565	21400		1	49	Fig.7
				50	0	Fig.8
	2507.5	20825	15	1	0	Fig.9
				75	0	Fig.10
	2562.5	21375		1	74	Fig.11
				75	0	Fig.12
	2510	20850	20	1	0	Fig.13
				100	0	Fig.14
	2560	21350		1	99	Fig.15
				100	0	Fig.16

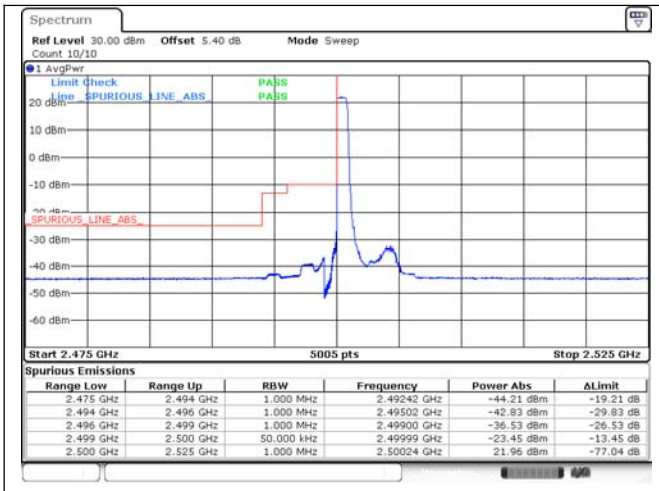

Fig.1

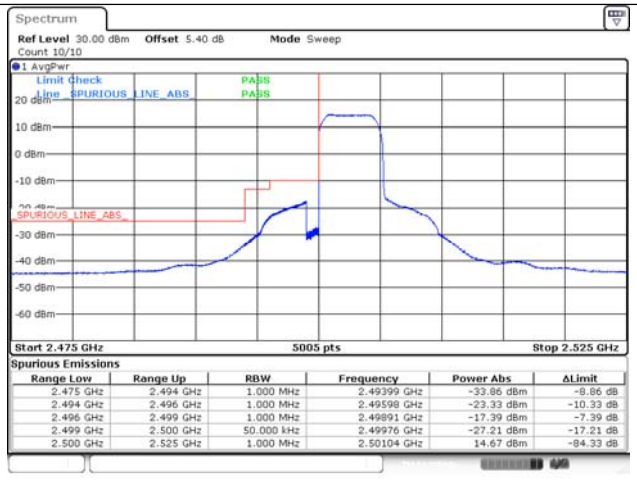

Fig.2

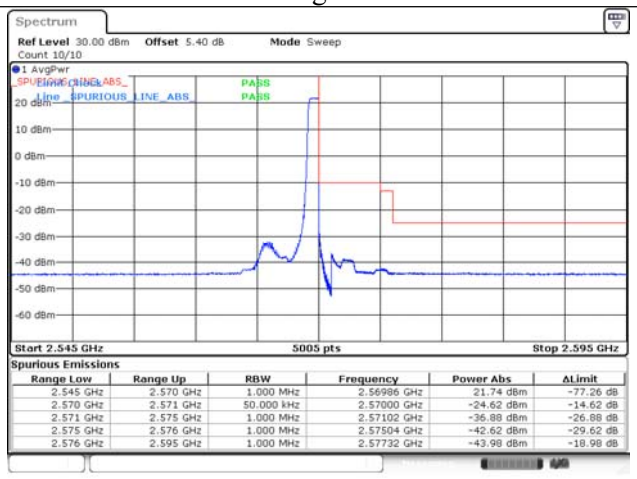

Fig.3

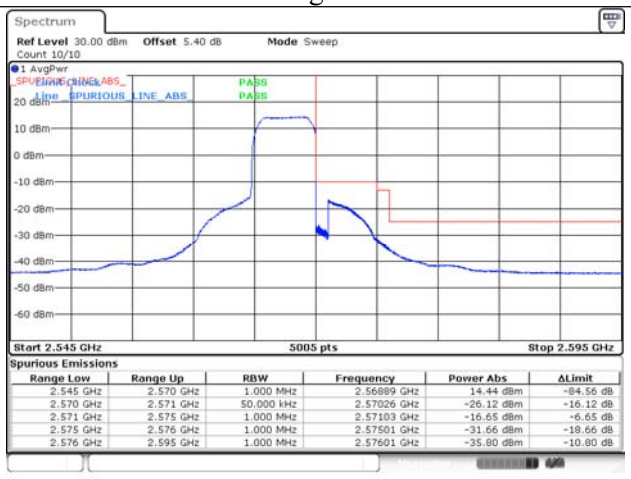

Fig.4

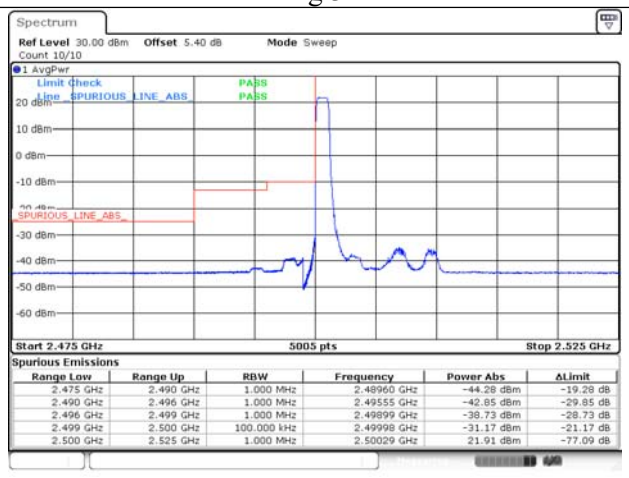

Fig.5

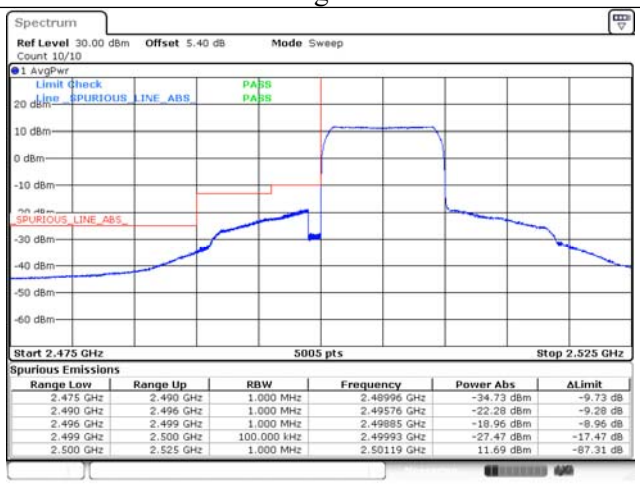

Fig.6

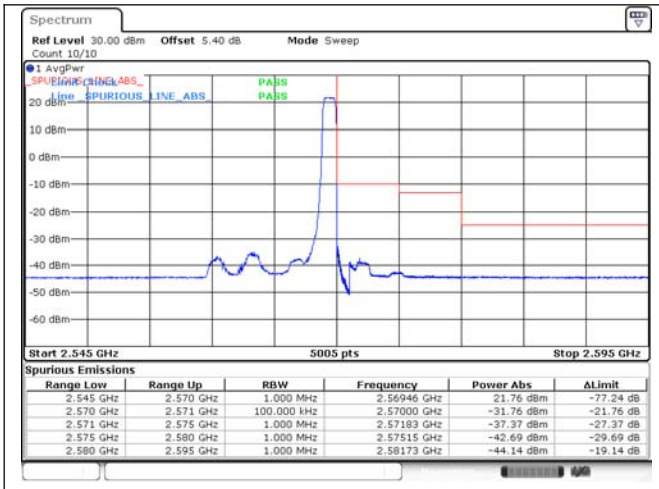

Fig.7

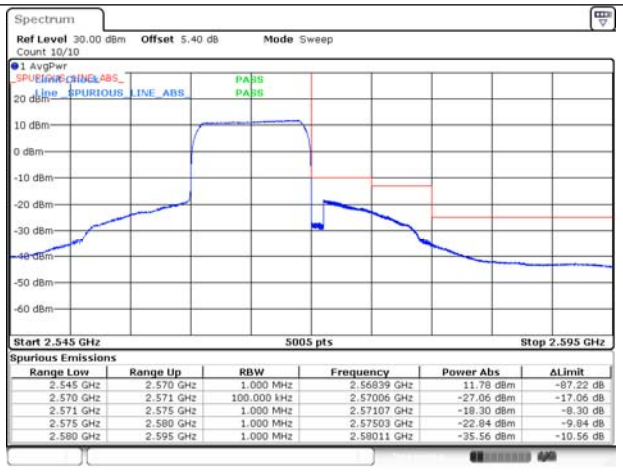

Fig.8

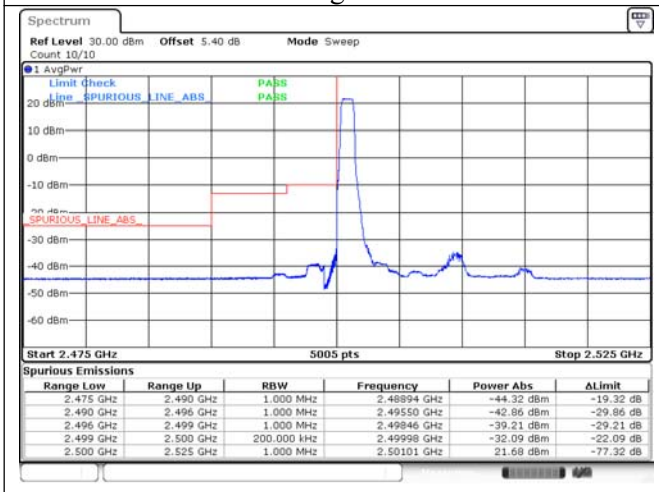

Fig.9

Fig.10

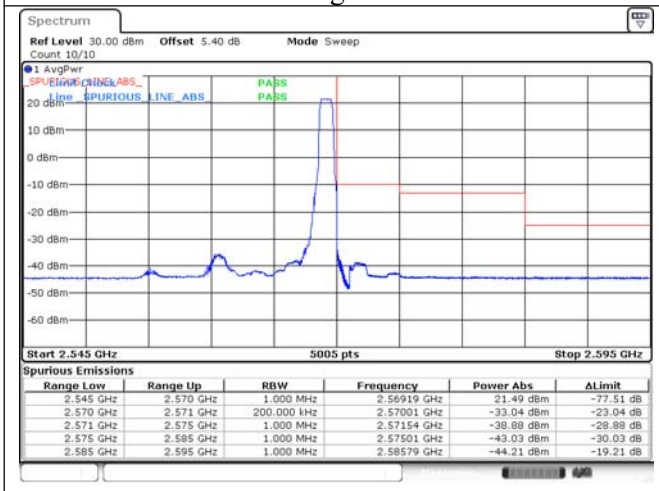

Fig.11

Fig.12

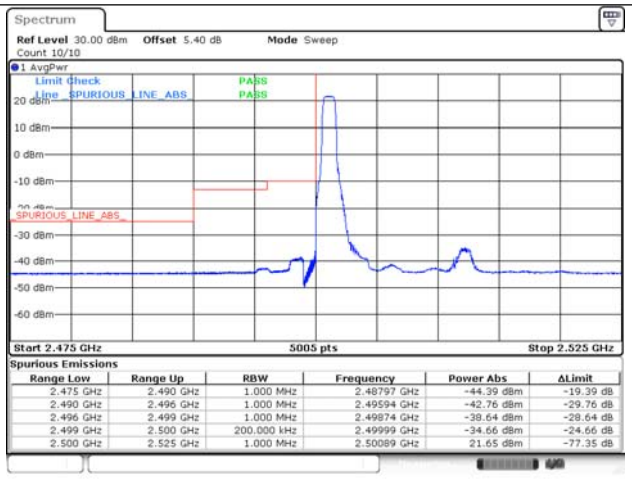

Fig.13

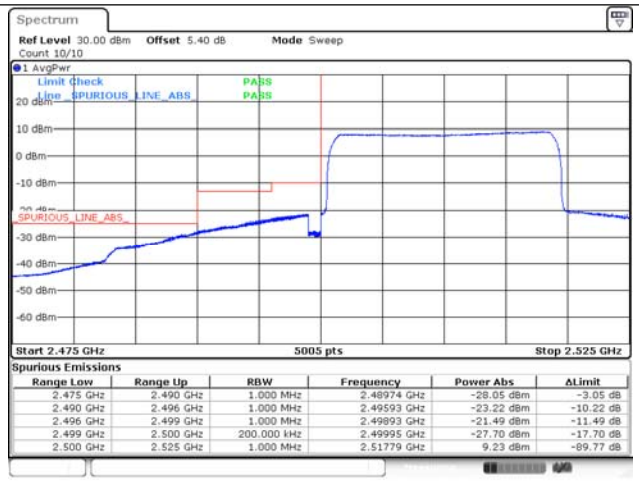

Fig.14

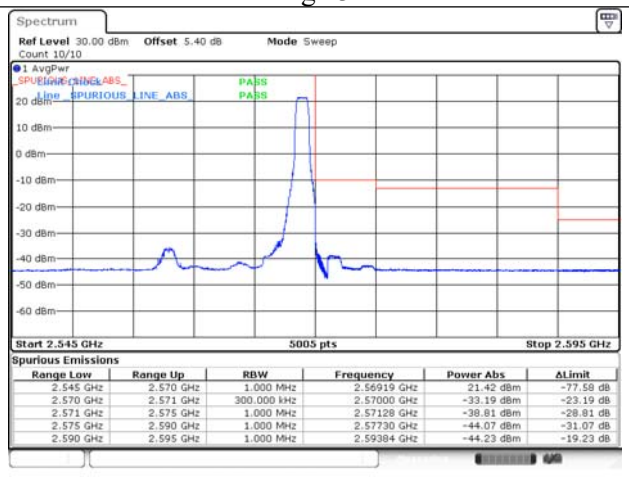

Fig.15

Fig.16

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band7 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-30	NV	---	---	---	---	---	0.005896
-20	NV	---	---	---	---	---	0.006414
-10	NV	---	---	---	---	---	0.001952
0	NV	---	---	---	---	---	0.005777
+10	NV	---	---	---	---	---	0.000996
+20	NV	---	---	---	---	---	0.006853
+30	NV	---	---	---	---	---	0.004382
+40	NV	---	---	---	---	---	0.001315
+50	NV	---	---	---	---	---	0.001116
+20	LV	---	---	---	---	---	0.002351
+20	HV	---	---	---	---	---	0.002829

Temperature(°C)	Voltage	Test Result (ppm) Band7 High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-30	NV	---	---	---	---	---	0.007461
-20	NV	---	---	---	---	---	0.004727
-10	NV	---	---	---	---	---	-0.000234
0	NV	---	---	---	---	---	-0.000039
+10	NV	---	---	---	---	---	0.005898
+20	NV	---	---	---	---	---	0.004336
+30	NV	---	---	---	---	---	0.005508
+40	NV	---	---	---	---	---	0.000117
+50	NV	---	---	---	---	---	0.003086
+20	LV	---	---	---	---	---	0.006484
+20	HV	---	---	---	---	---	-0.001328

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	2502.5	20775	5	1	0	22.86	20.86	0.122
				1	12	22.91	20.91	0.123
				1	24	22.84	20.84	0.121
				12	0	21.79	19.79	0.095
				12	6	21.84	19.84	0.096
				12	13	21.88	19.88	0.097
				25	0	21.74	19.74	0.094
	2535	21100		1	0	22.60	20.60	0.115
				1	12	22.56	20.56	0.114
				1	24	22.68	20.68	0.117
				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	21.44	19.44	0.088
	2567.5	21425		1	0	22.16	20.16	0.104
				1	12	22.15	20.15	0.104
				1	24	22.07	20.07	0.102
				12	0	21.16	19.16	0.082
				12	6	21.21	19.21	0.083
				12	13	21.23	19.23	0.084
				25	0	21.23	19.23	0.084
16QAM	2502.5	20775		1	0	22.29	20.29	0.107
				1	12	21.94	19.94	0.099
				1	24	21.92	19.92	0.098
				12	0	20.81	18.81	0.076
				12	6	20.81	18.81	0.076
				12	13	20.84	18.84	0.077
				25	0	20.78	18.78	0.076
	2535	21100		1	0	21.75	19.75	0.094
				1	12	22.34	20.34	0.108
				1	24	21.76	19.76	0.095
				12	0	20.58	18.58	0.072
				12	6	20.60	18.60	0.072
				12	13	20.70	18.70	0.074
				25	0	20.58	18.58	0.072
	2567.5	21425		1	0	21.82	19.82	0.096
				1	12	21.51	19.51	0.089
				1	24	21.68	19.68	0.093
				12	0	20.38	18.38	0.069
				12	6	20.39	18.39	0.069
				12	13	20.47	18.47	0.070
				25	0	20.42	18.42	0.070

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	2502.5	20775	5	1	0	21.19	19.19	0.083
				1	12	20.84	18.84	0.077
				1	24	20.83	18.83	0.076
				12	0	19.75	17.75	0.060
				12	6	19.78	17.78	0.060
				12	13	19.79	17.79	0.060
				25	0	19.73	17.73	0.059
	2535	21100		1	0	20.71	18.71	0.074
				1	12	21.31	19.31	0.085
				1	24	20.68	18.68	0.074
				12	0	19.50	17.50	0.056
				12	6	19.50	17.50	0.056
				12	13	19.62	17.62	0.058
				25	0	19.51	17.51	0.056
	2567.5	21425		1	0	20.80	18.80	0.076
				1	12	20.44	18.44	0.070
				1	24	20.63	18.63	0.073
				12	0	19.36	17.36	0.054
				12	6	19.32	17.32	0.054
				12	13	19.41	17.41	0.055
				25	0	19.34	17.34	0.054
256QAM	2502.5	20775		1	0	18.23	16.23	0.042
				1	12	17.87	15.87	0.039
				1	24	17.87	15.87	0.039
				12	0	17.72	15.72	0.037
				12	6	17.71	15.71	0.037
				12	13	17.76	15.76	0.038
				25	0	17.74	15.74	0.037
	2535	21100		1	0	17.67	15.67	0.037
				1	12	18.26	16.26	0.042
				1	24	17.7	15.70	0.037
				12	0	17.5	15.50	0.035
				12	6	17.54	15.54	0.036
				12	13	17.67	15.67	0.037
				25	0	17.49	15.49	0.035
	2567.5	21425		1	0	17.79	15.79	0.038
				1	12	17.41	15.41	0.035
				1	24	17.66	15.66	0.037
				12	0	17.30	15.30	0.034
				12	6	17.30	15.30	0.034
				12	13	17.45	15.45	0.035
				25	0	17.38	15.38	0.035

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	2505	20800	10	1	0	22.86	20.86	0.122
				1	24	22.61	20.61	0.115
				1	49	22.90	20.90	0.123
				25	0	21.76	19.76	0.095
				25	12	21.83	19.83	0.096
				25	25	21.84	19.84	0.096
				50	0	21.79	19.79	0.095
	2535	21100		1	0	22.60	20.60	0.115
				1	24	22.46	20.46	0.111
				1	49	22.08	20.08	0.102
				25	0	21.57	19.57	0.091
				25	12	21.47	19.47	0.089
				25	25	21.62	19.62	0.092
				50	0	21.49	19.49	0.089
	2565	21400		1	0	22.29	20.29	0.107
				1	24	22.11	20.11	0.103
				1	49	22.47	20.47	0.111
				25	0	21.29	19.29	0.085
				25	12	21.28	19.28	0.085
				25	25	21.35	19.35	0.086
				50	0	21.40	19.40	0.087
16QAM	2505	20800		1	0	22.21	20.21	0.105
				1	24	21.62	19.62	0.092
				1	49	21.79	19.79	0.095
				25	0	20.84	18.84	0.077
				25	12	20.91	18.91	0.078
				25	25	20.88	18.88	0.077
				50	0	20.81	18.81	0.076
	2535	21100		1	0	21.96	19.96	0.099
				1	24	22.11	20.11	0.103
				1	49	21.75	19.75	0.094
				25	0	20.68	18.68	0.074
				25	12	20.48	18.48	0.070
				25	25	20.47	18.47	0.070
				50	0	20.56	18.56	0.072
	2565	21400		1	0	21.75	19.75	0.094
				1	24	21.46	19.46	0.088
				1	49	21.81	19.81	0.096
				25	0	20.34	18.34	0.068
				25	12	20.22	18.22	0.066
				25	25	20.27	18.27	0.067
				50	0	20.30	18.30	0.068

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	2505	20800	10	1	0	21.11	19.11	0.081
				1	24	20.55	18.55	0.072
				1	49	20.74	18.74	0.075
				25	0	19.75	17.75	0.060
				25	12	19.84	17.84	0.061
				25	25	19.84	17.84	0.061
				50	0	19.77	17.77	0.060
	2535	21100		1	0	20.88	18.88	0.077
				1	24	21.01	19.01	0.080
				1	49	20.65	18.65	0.073
				25	0	19.66	17.66	0.058
				25	12	19.44	17.44	0.055
				25	25	19.38	17.38	0.055
				50	0	19.47	17.47	0.056
	2565	21400		1	0	20.68	18.68	0.074
				1	24	20.41	18.41	0.069
				1	49	20.76	18.76	0.075
				25	0	19.29	17.29	0.054
				25	12	19.20	17.20	0.052
				25	25	19.17	17.17	0.052
				50	0	19.27	17.27	0.053
256QAM	2505	20800		1	0	18.16	16.16	0.041
				1	24	17.53	15.53	0.036
				1	49	17.72	15.72	0.037
				25	0	17.82	15.82	0.038
				25	12	17.84	15.84	0.038
				25	25	17.82	15.82	0.038
				50	0	17.72	15.72	0.037
	2535	21100		1	0	17.90	15.90	0.039
				1	24	18.05	16.05	0.040
				1	49	17.66	15.66	0.037
				25	0	17.64	15.64	0.037
				25	12	17.44	15.44	0.035
				25	25	17.44	15.44	0.035
				50	0	17.50	15.50	0.035
	2565	21400		1	0	17.65	15.65	0.037
				1	24	17.44	15.44	0.035
				1	49	17.72	15.72	0.037
				25	0	17.32	15.32	0.034
				25	12	17.19	15.19	0.033
				25	25	17.25	15.25	0.033
				50	0	17.23	15.23	0.033

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	2507.5	20825	15	1	0	22.88	20.88	0.122
				1	37	22.86	20.86	0.122
				1	74	22.94	20.94	0.124
				36	0	22.16	20.16	0.104
				36	29	22.10	20.10	0.102
				36	30	22.14	20.14	0.103
				75	0	22.16	20.16	0.104
	2535	21100		1	0	22.88	20.88	0.122
				1	37	22.74	20.74	0.119
				1	74	22.72	20.72	0.118
				36	0	21.99	19.99	0.100
				36	29	21.85	19.85	0.097
				36	30	21.95	19.95	0.099
				75	0	21.90	19.90	0.098
	2562.5	21375		1	0	22.69	20.69	0.117
				1	37	22.71	20.71	0.118
				1	74	22.52	20.52	0.113
				36	0	21.66	19.66	0.092
				36	29	21.61	19.61	0.091
				36	30	21.54	19.54	0.090
				75	0	21.77	19.77	0.095
16QAM	2507.5	20825		1	0	22.39	20.39	0.109
				1	37	22.24	20.24	0.106
				1	74	22.48	20.48	0.112
				36	0	21.05	19.05	0.080
				36	29	21.06	19.06	0.081
				36	30	21.30	19.30	0.085
				75	0	21.20	19.20	0.083
	2535	21100		1	0	22.54	20.54	0.113
				1	37	22.50	20.50	0.112
				1	74	22.17	20.17	0.104
				36	0	21.08	19.08	0.081
				36	29	20.84	18.84	0.077
				36	30	20.84	18.84	0.077
				75	0	20.90	18.90	0.078
	2562.5	21375		1	0	21.87	19.87	0.097
				1	37	21.83	19.83	0.096
				1	74	22.09	20.09	0.102
				36	0	20.72	18.72	0.074
				36	29	20.79	18.79	0.076
				36	30	20.61	18.61	0.073
				75	0	20.73	18.73	0.075

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	2507.5	20825	15	1	0	21.34	19.34	0.086
				1	37	21.14	19.14	0.082
				1	74	21.45	19.45	0.088
				36	0	20.02	18.02	0.063
				36	29	20.04	18.04	0.064
				36	30	20.26	18.26	0.067
				75	0	20.13	18.13	0.065
	2535	21100		1	0	21.50	19.50	0.089
				1	37	21.42	19.42	0.087
				1	74	21.12	19.12	0.082
				36	0	20.00	18.00	0.063
				36	29	19.82	17.82	0.061
				36	30	19.77	17.77	0.060
				75	0	19.83	17.83	0.061
	2562.5	21375		1	0	20.83	18.83	0.076
				1	37	20.80	18.80	0.076
				1	74	21.01	19.01	0.080
				36	0	19.65	17.65	0.058
				36	29	19.72	17.72	0.059
				36	30	19.56	17.56	0.057
				75	0	19.69	17.69	0.059
256QAM	2507.5	20825		1	0	18.32	16.32	0.043
				1	37	18.20	16.20	0.042
				1	74	18.41	16.41	0.044
				36	0	17.98	15.98	0.040
				36	29	18.02	16.02	0.040
				36	30	18.26	16.26	0.042
				75	0	18.15	16.15	0.041
	2535	21100		1	0	18.44	16.44	0.044
				1	37	18.48	16.48	0.044
				1	74	18.15	16.15	0.041
				36	0	18.01	16.01	0.040
				36	29	17.76	15.76	0.038
				36	30	17.77	15.77	0.038
				75	0	17.85	15.85	0.038
	2562.5	21375		1	0	17.80	15.80	0.038
				1	37	17.80	15.80	0.038
				1	74	18.07	16.07	0.040
				36	0	17.65	15.65	0.037
				36	29	17.69	15.69	0.037
				36	30	17.56	15.56	0.036
				75	0	17.71	15.71	0.037

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	2510	20850	20	1	99	23.01	21.01	0.126
				1	49	23.17	21.17	0.131
				1	0	22.99	20.99	0.126
				50	50	22.07	20.07	0.102
				50	25	22.03	20.03	0.101
				50	0	22.06	20.06	0.101
				100	0	22.52	20.52	0.113
	2535	21100		1	99	22.98	20.98	0.125
				1	49	23.17	21.17	0.131
				1	0	23.01	21.01	0.126
				50	50	22.10	20.10	0.102
				50	25	22.04	20.04	0.101
				50	0	22.13	20.13	0.103
				100	0	22.18	20.18	0.104
	2560	21350		1	99	22.95	20.95	0.124
				1	49	23.18	21.18	0.131
				1	0	22.90	20.90	0.123
				50	50	22.18	20.18	0.104
				50	25	22.03	20.03	0.101
				50	0	21.96	19.96	0.099
				100	0	21.92	19.92	0.098
16QAM	2510	20850		1	99	22.40	20.40	0.110
				1	49	22.75	20.75	0.119
				1	0	22.45	20.45	0.111
				50	50	21.45	19.45	0.088
				50	25	21.35	19.35	0.086
				50	0	21.41	19.41	0.087
				100	0	21.35	19.35	0.086
	2535	21100		1	99	22.56	20.56	0.114
				1	49	22.32	20.32	0.108
				1	0	22.74	20.74	0.119
				50	50	21.35	19.35	0.086
				50	25	21.21	19.21	0.083
				50	0	21.19	19.19	0.083
				100	0	21.26	19.26	0.084
	2560	21350		1	99	22.09	20.09	0.102
				1	49	21.96	19.96	0.099
				1	0	21.89	19.89	0.097
				50	50	21.03	19.03	0.080
				50	25	21.07	19.07	0.081
				50	0	20.91	18.91	0.078
				100	0	20.98	18.98	0.079

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	2510	20850	20	1	99	21.35	19.35	0.086
				1	49	21.71	19.71	0.094
				1	0	21.37	19.37	0.086
				50	50	20.41	18.41	0.069
				50	25	20.29	18.29	0.067
				50	0	20.31	18.31	0.068
				100	0	20.25	18.25	0.067
	2535	21100		1	99	21.53	19.53	0.090
				1	49	21.26	19.26	0.084
				1	0	21.70	19.70	0.093
				50	50	20.27	18.27	0.067
				50	25	20.13	18.13	0.065
				50	0	20.14	18.14	0.065
				100	0	20.22	18.22	0.066
	2560	21350		1	99	21.00	19.00	0.079
				1	49	20.89	18.89	0.077
				1	0	20.83	18.83	0.076
				50	50	19.97	17.97	0.063
				50	25	20.05	18.05	0.064
				50	0	19.87	17.87	0.061
				100	0	19.95	17.95	0.062
256QAM	2510	20850		1	99	18.35	16.35	0.043
				1	49	18.69	16.69	0.047
				1	0	18.4	16.40	0.044
				50	50	18.41	16.41	0.044
				50	25	18.3	16.30	0.043
				50	0	18.39	16.39	0.044
				100	0	18.29	16.29	0.043
	2535	21100		1	99	18.51	16.51	0.045
				1	49	18.28	16.28	0.042
				1	0	18.65	16.65	0.046
				50	50	18.28	16.28	0.042
				50	25	18.12	16.12	0.041
				50	0	18.16	16.16	0.041
				100	0	18.19	16.19	0.042
	2560	21350		1	99	18.05	16.05	0.040
				1	49	17.87	15.87	0.039
				1	0	17.81	15.81	0.038
				50	50	17.98	15.98	0.040
				50	25	18.03	16.03	0.040
				50	0	17.89	15.89	0.039
				100	0	17.91	15.91	0.039

Test on the worst case:

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
Band7	20MHz	QPSK	21350	1RB#0	22.9	20.9	0.123
				1RB#49	23.06	21.06	0.128
				1RB#99	22.77	20.77	0.119

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