

**APPENDIX A – TEST DATA OF CONDUCTED EMISSION**

**LTE Band 7**

**1 RF Power Output**

Modulation	Carrier frequency (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 frequency (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 frequency (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
	2565	21400		50	0	21.49
				1	0	22.29
				1	24	22.11
				1	49	22.47
				25	0	21.29
25			12	21.28		
16QAM	2505	20800	25	25	21.35	
			50	0	21.40	
			1	0	22.21	
			1	24	21.62	
			1	49	21.79	
			25	0	20.84	
	2535	21100	25	12	20.91	
			25	25	20.88	
			50	0	20.81	
			1	0	21.96	
			1	24	22.11	
			1	49	21.75	
	2565	21400	25	0	20.68	
			25	12	20.48	
			25	25	20.47	
			50	0	20.56	
			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
	2565	21400		50	0	19.47
				1	0	20.68
				1	24	20.41
				1	49	20.76
				25	0	19.29
25			12	19.20		
256QAM	2505	20800	25	25	19.17	
			50	0	19.27	
			1	0	18.16	
			1	24	17.53	
			1	49	17.72	
			25	0	17.82	
	2535	21100	25	12	17.84	
			25	25	17.82	
			50	0	17.72	
			1	0	17.90	
			1	24	18.05	
			1	49	17.66	
	2565	21400	25	0	17.64	
			25	12	17.44	
			25	25	17.44	
			50	0	17.50	
			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 frequency (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 frequency (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
	2560	21350		100	0	22.18
				1	99	22.95
				1	49	23.18
				1	0	22.90
				50	50	22.18
50			25	22.03		
16QAM	2510	20850	50	0	21.96	
			100	0	21.92	
			1	99	22.40	
			1	49	22.75	
			1	0	22.45	
			50	50	21.45	
	2535	21100	50	25	21.35	
			50	0	21.41	
			100	0	21.35	
			1	99	22.56	
			1	49	22.32	
			1	0	22.74	
	2560	21350	50	50	21.35	
			50	25	21.21	
			50	0	21.19	
			100	0	21.26	
			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	22.74
				1RB#49	23.05
				1RB#99	22.81

## 2 Occupied Bandwidth

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)							
						QPSK		16-QAM		64-QAM		256-QAM	
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 frequency (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

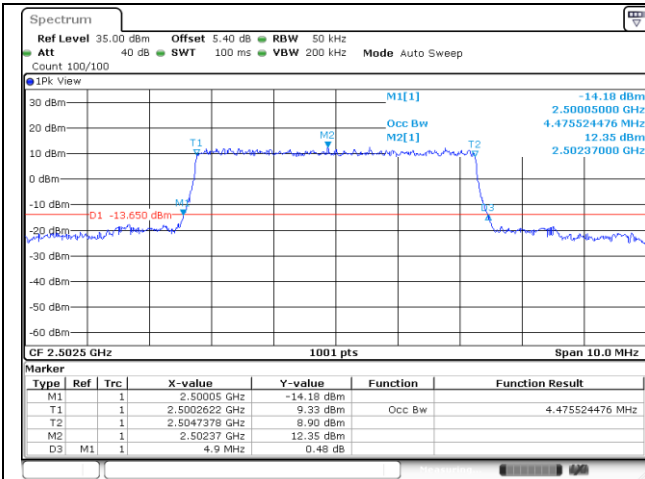


Fig.1

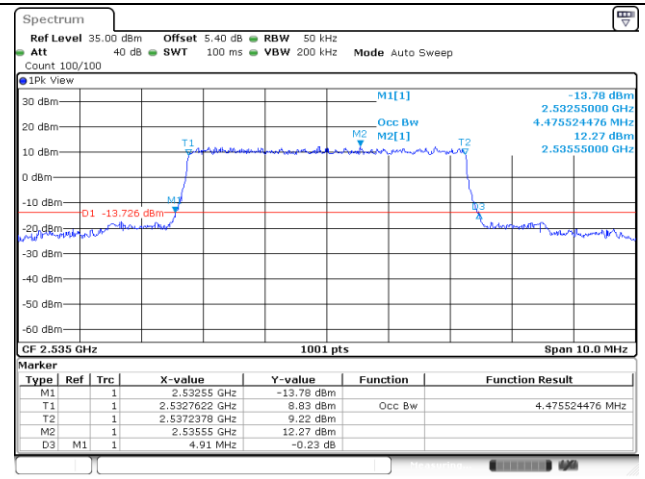


Fig.2

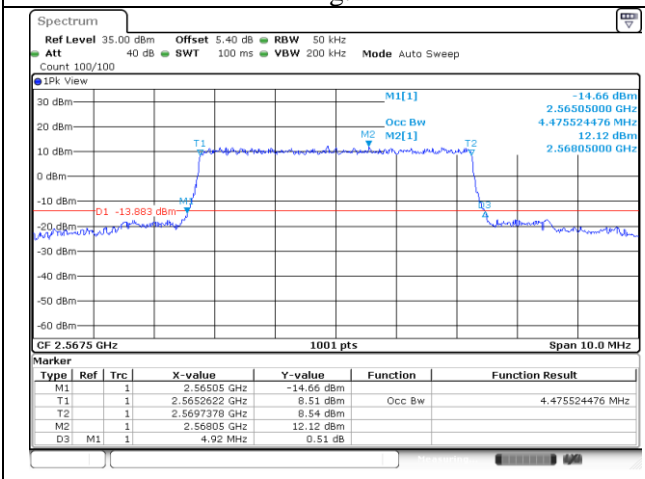


Fig.3

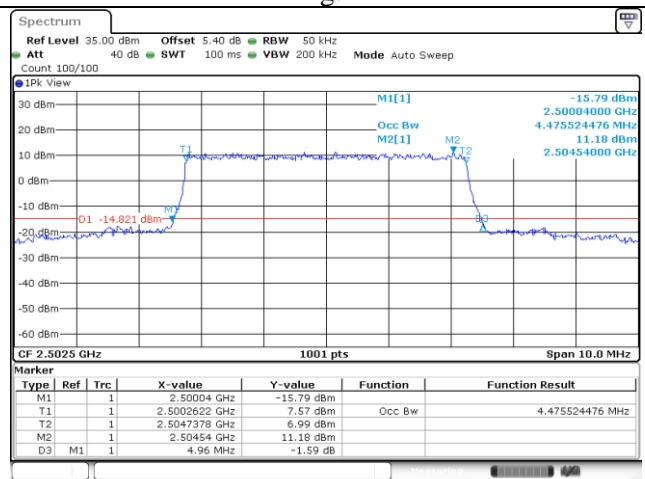


Fig.4

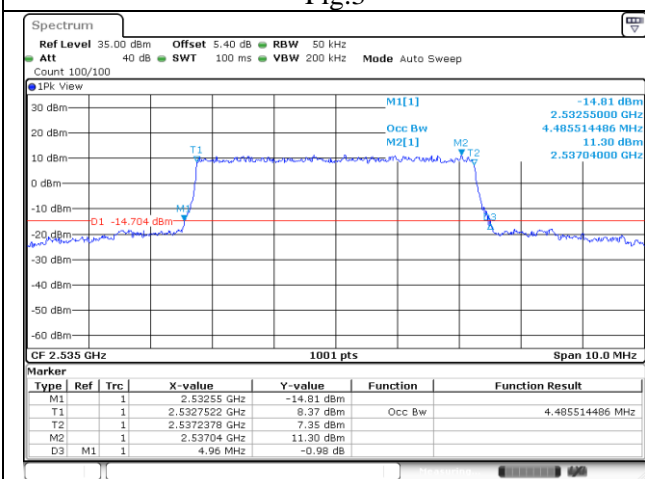


Fig.5

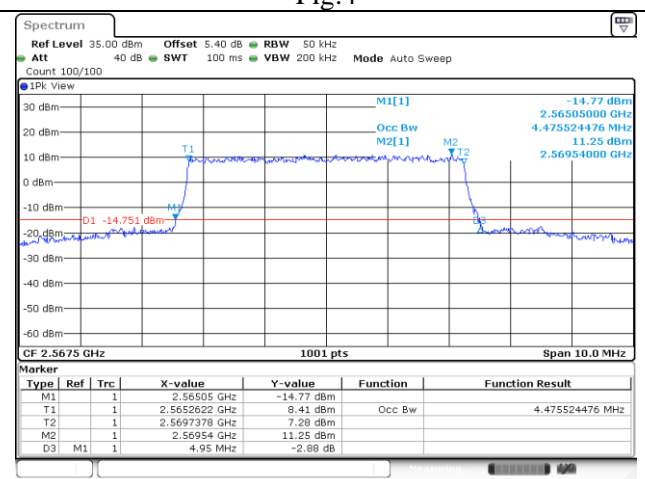


Fig.6

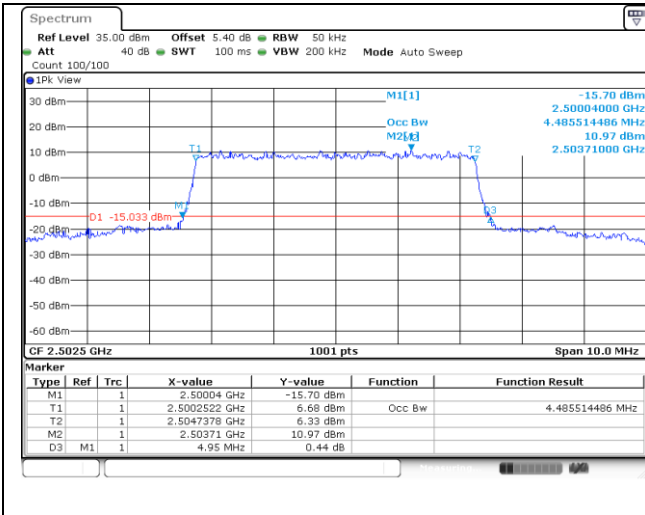


Fig.7

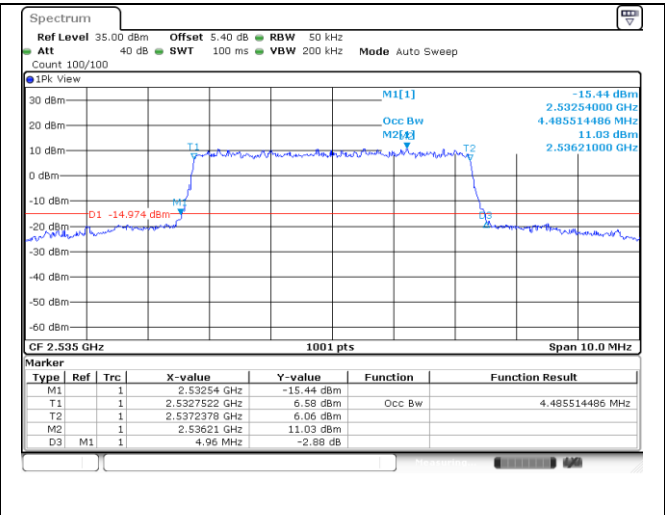


Fig.8

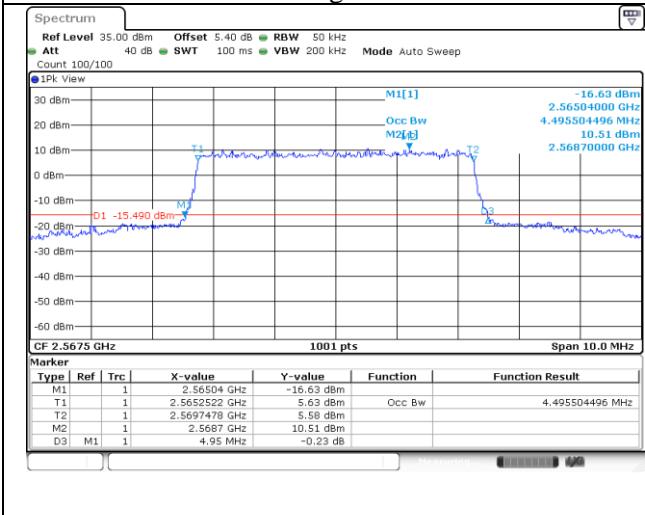


Fig.9

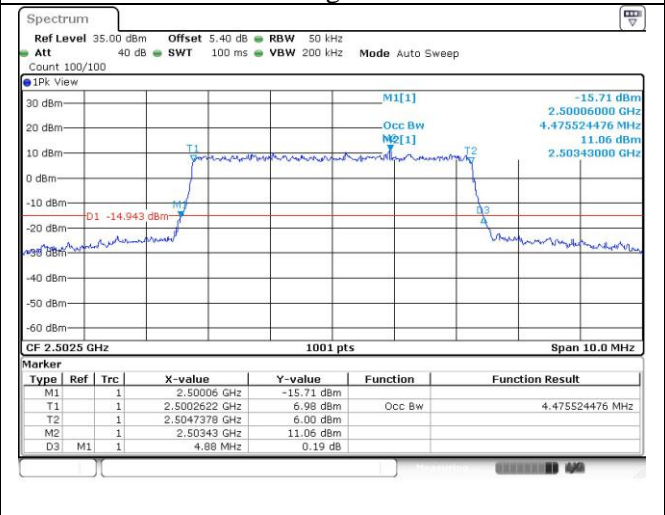


Fig.10

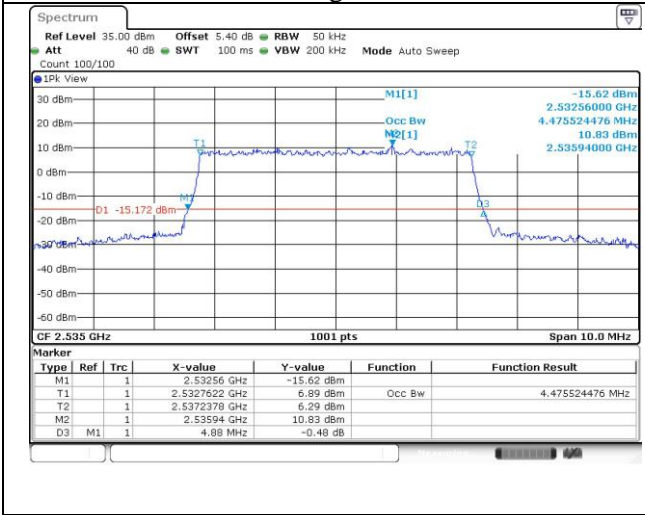


Fig.11

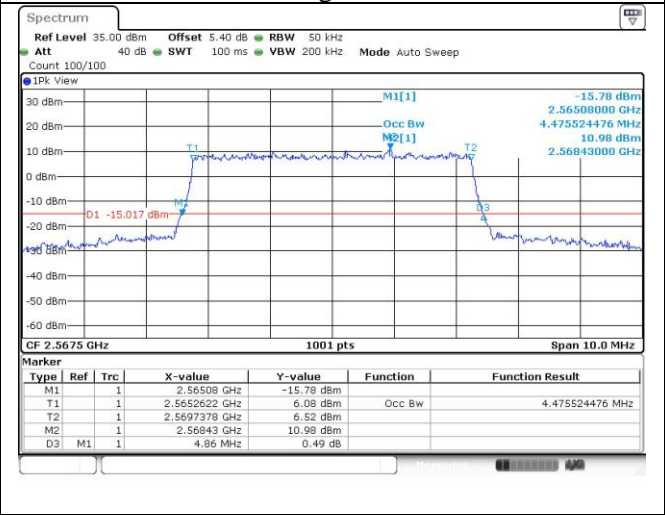


Fig.12

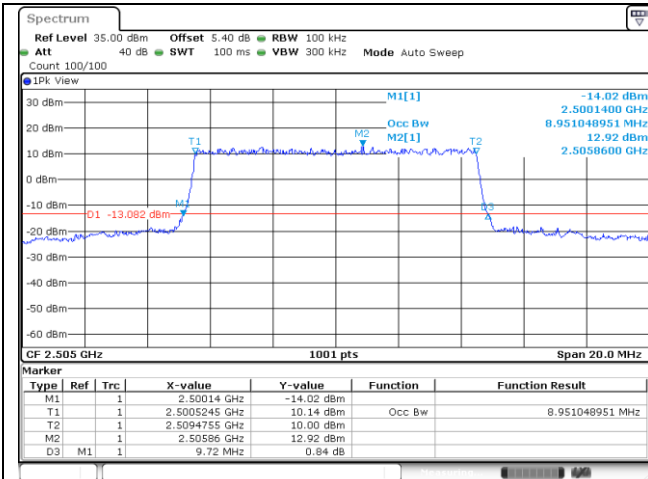


Fig.13

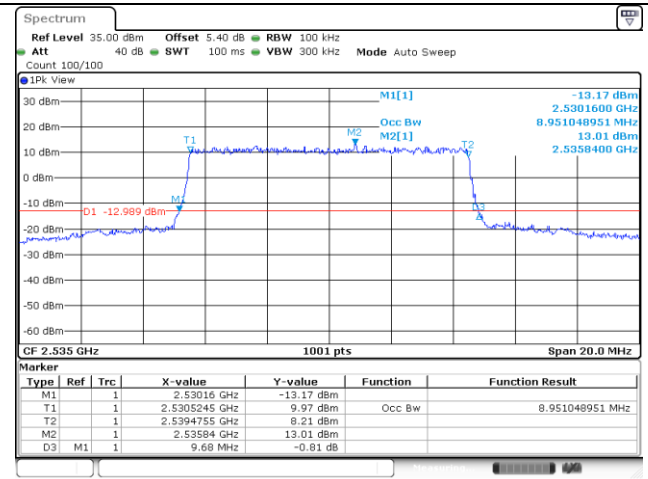


Fig.14

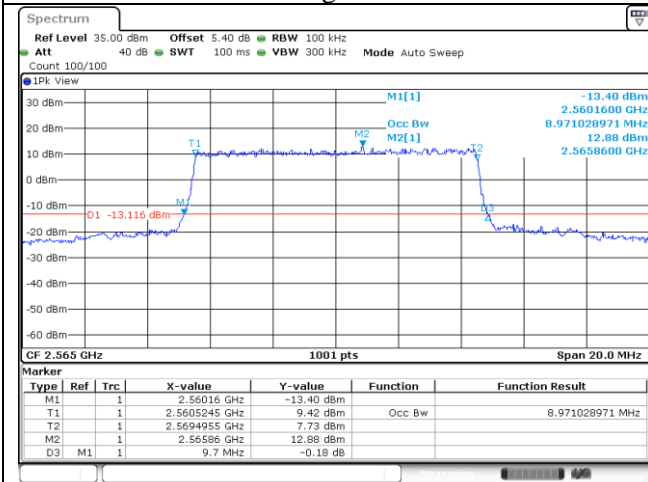


Fig.15

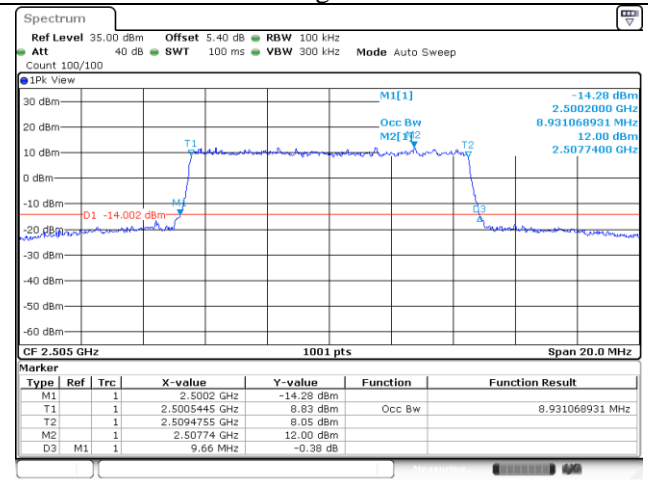


Fig.16

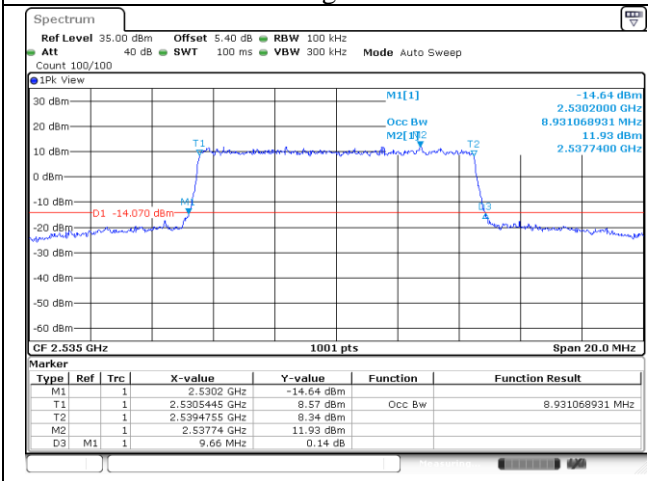


Fig.17

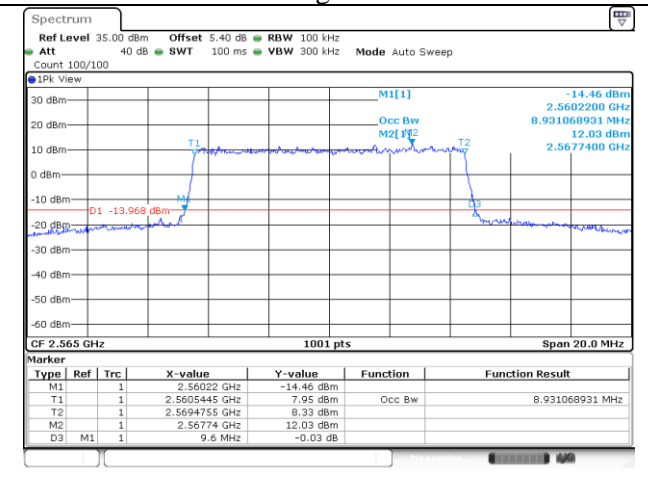
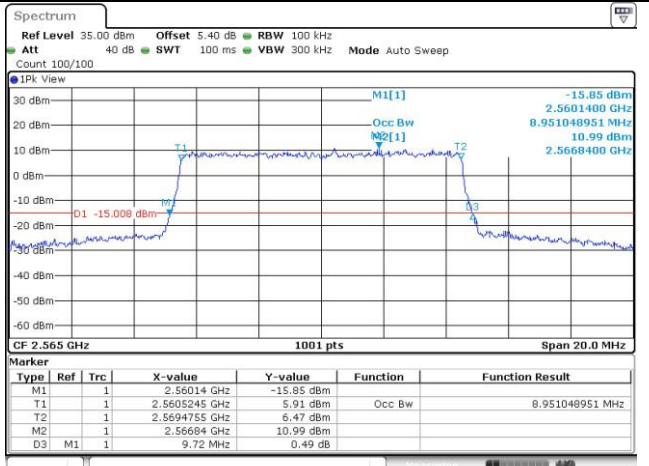
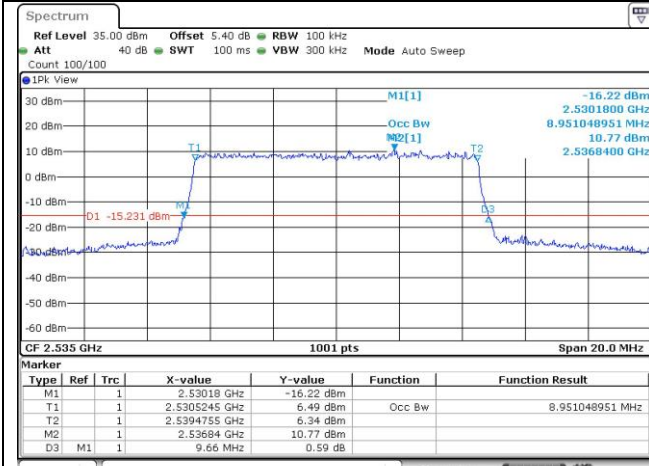
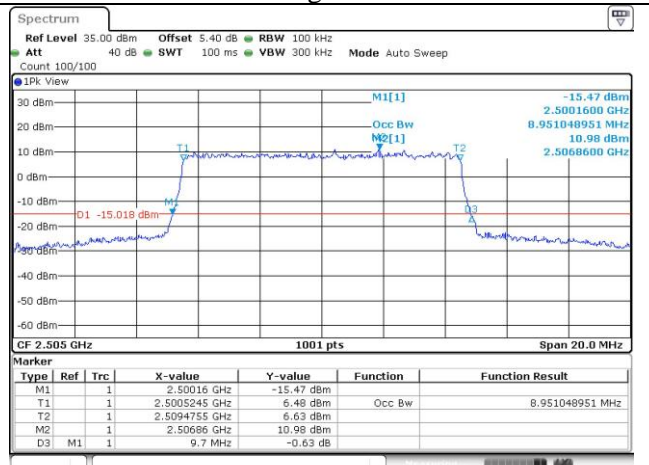
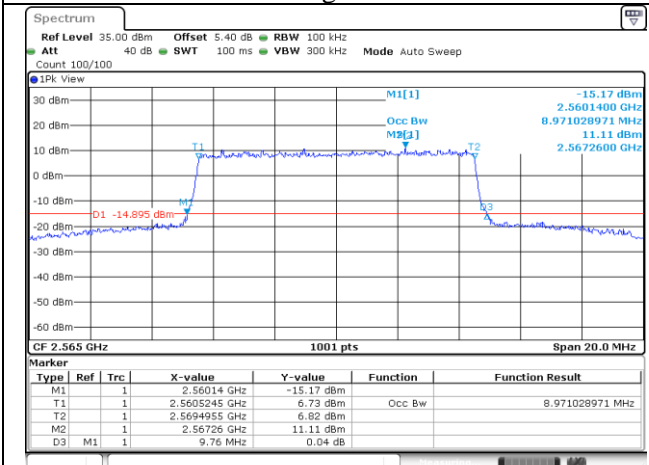
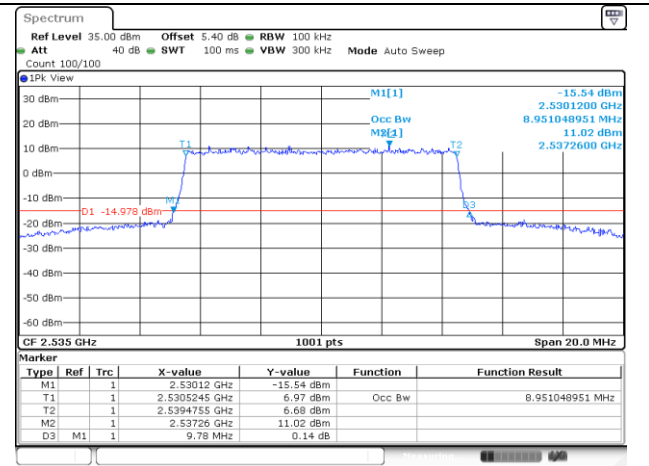
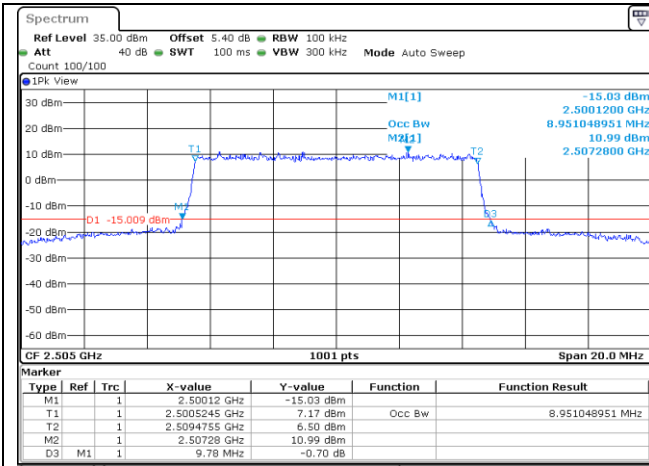


Fig.18





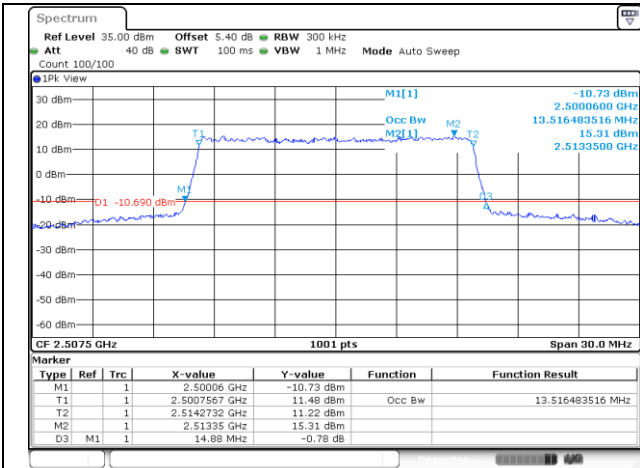


Fig.25

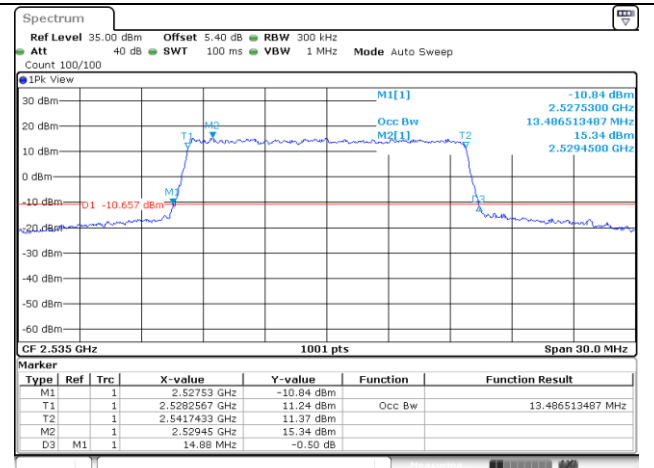


Fig.26

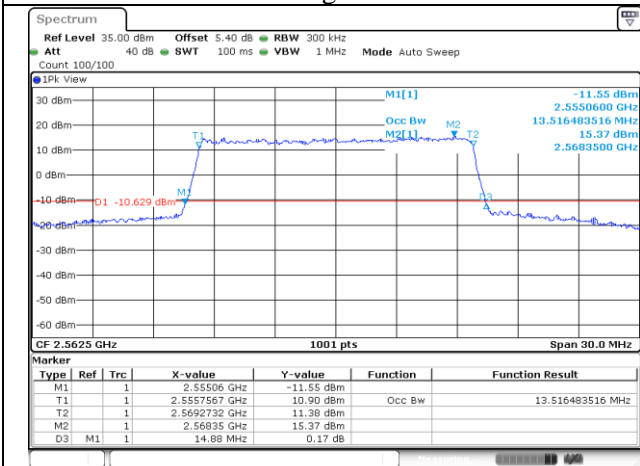


Fig.27

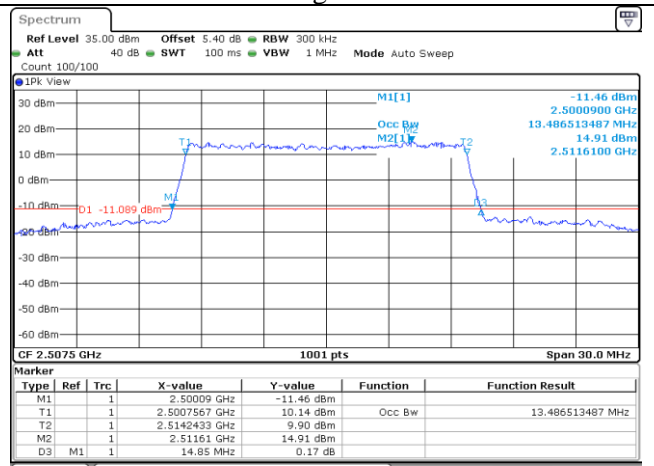


Fig.28

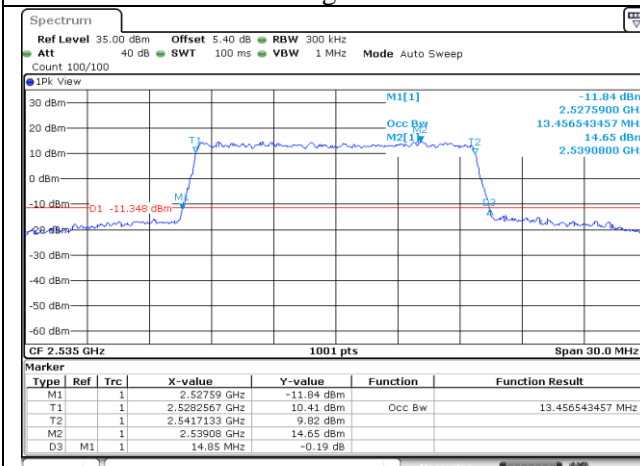


Fig.29

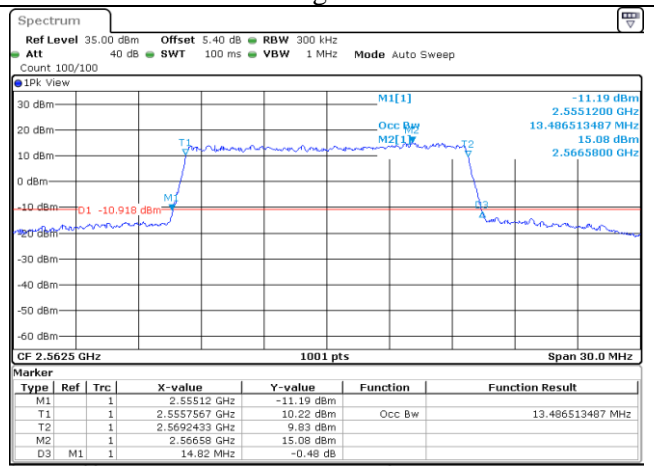


Fig.30

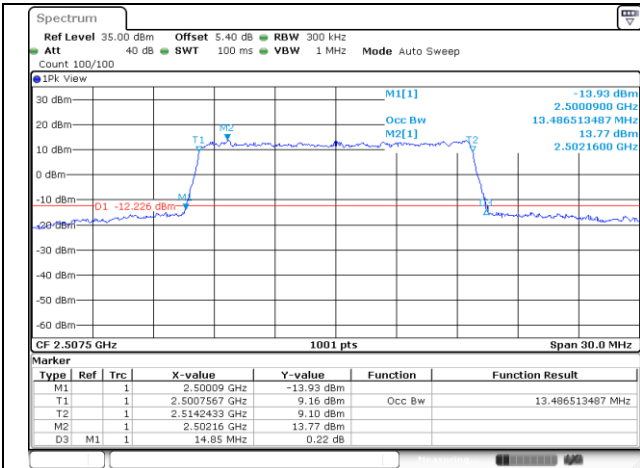


Fig.31

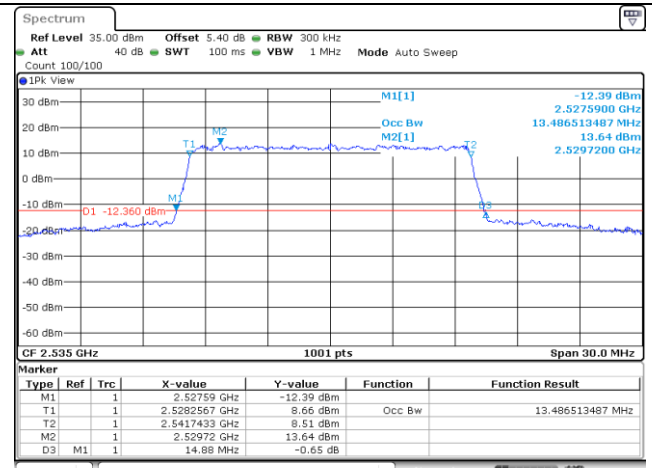


Fig.32

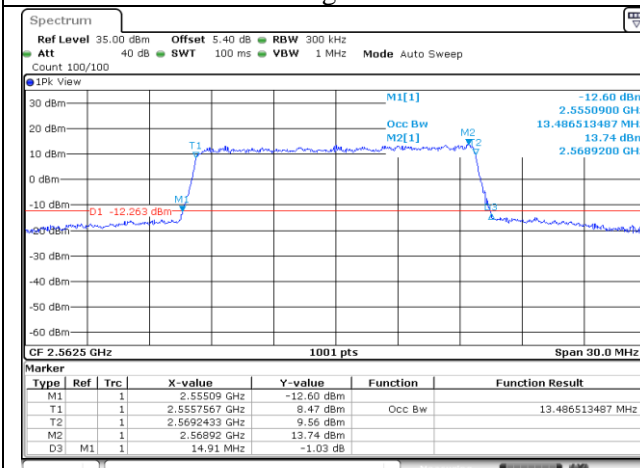


Fig.33

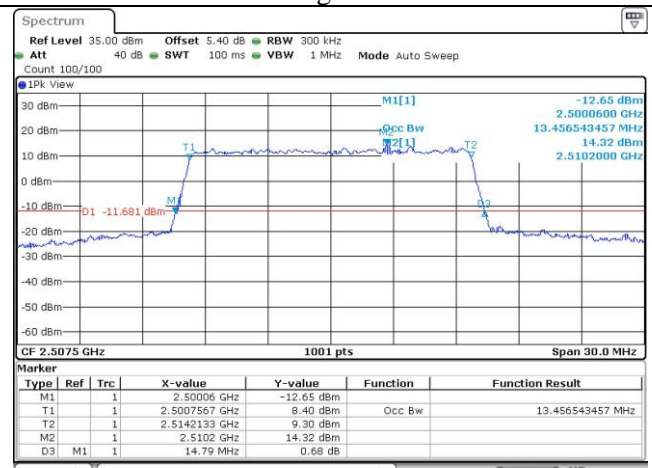


Fig.34

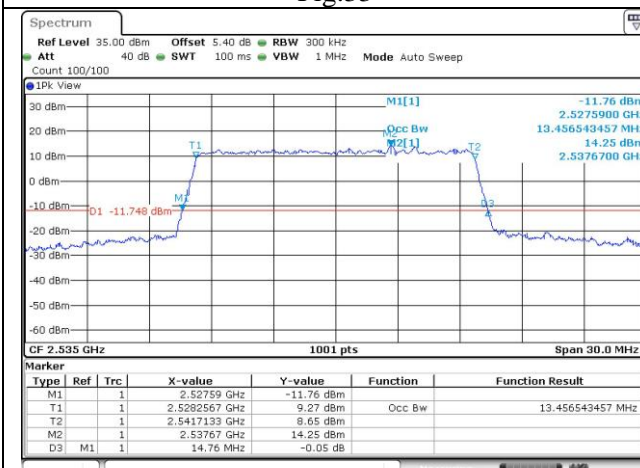


Fig.35

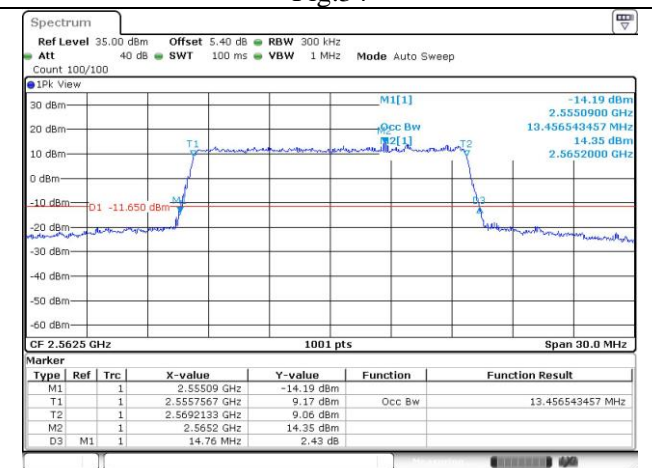


Fig.36



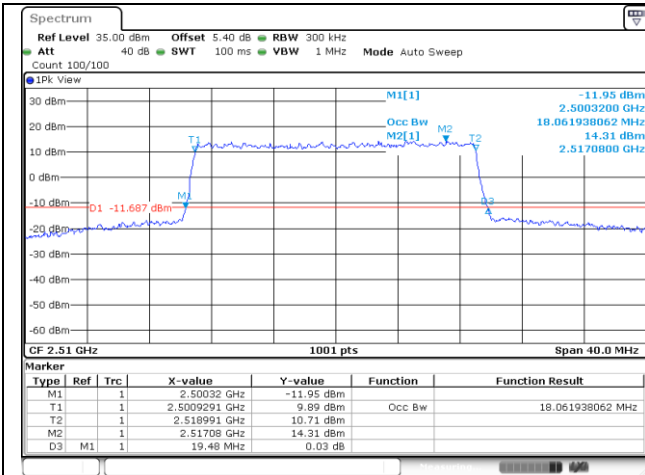


Fig.37

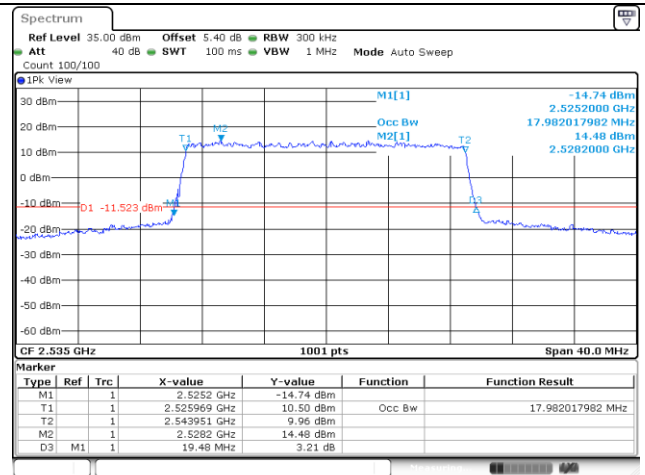


Fig.38

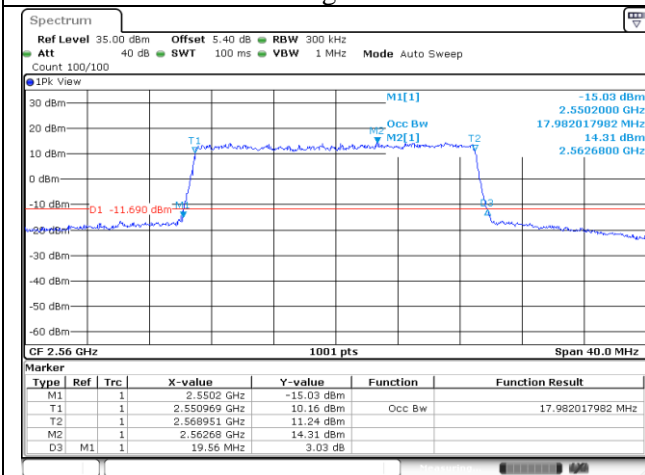


Fig.39

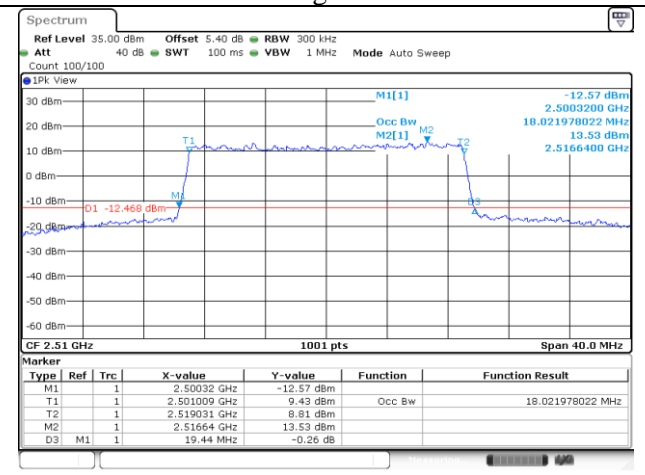


Fig.40

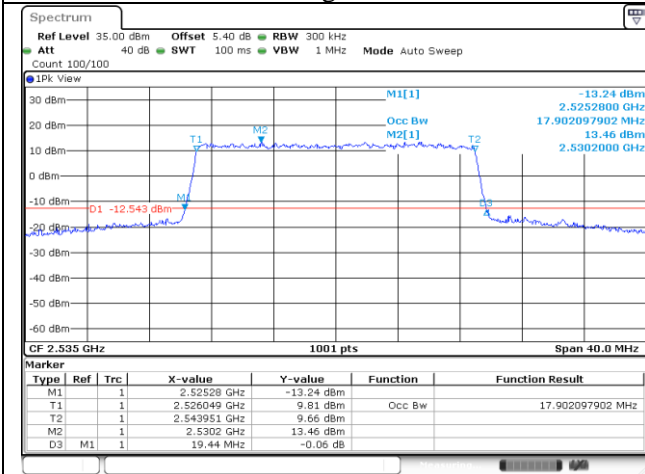


Fig.41

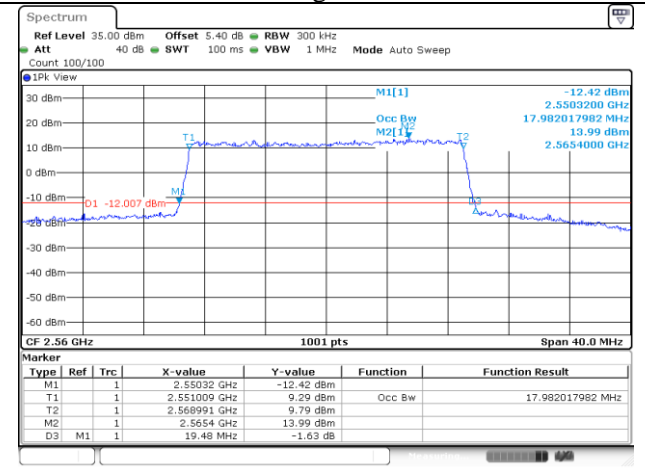


Fig.42

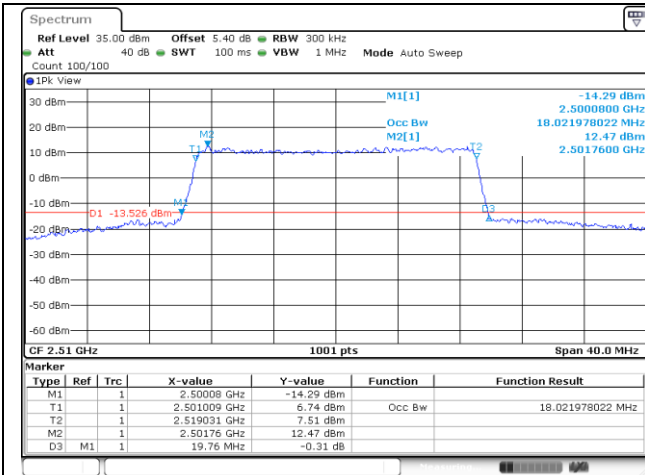


Fig.43

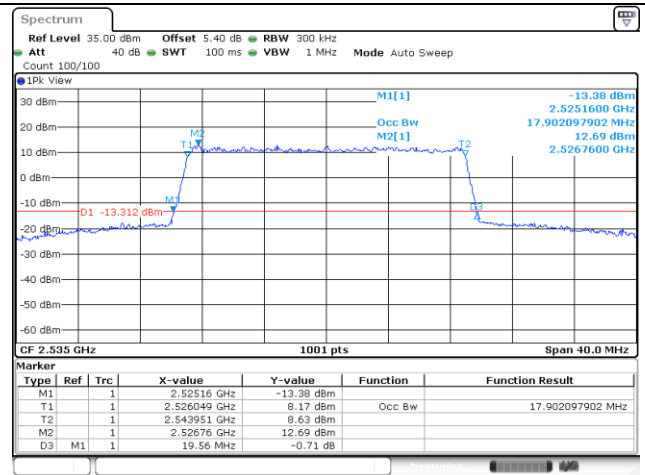


Fig.44

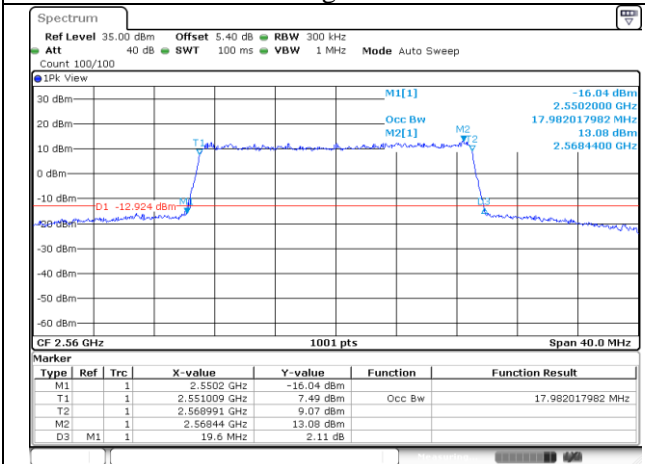


Fig.45

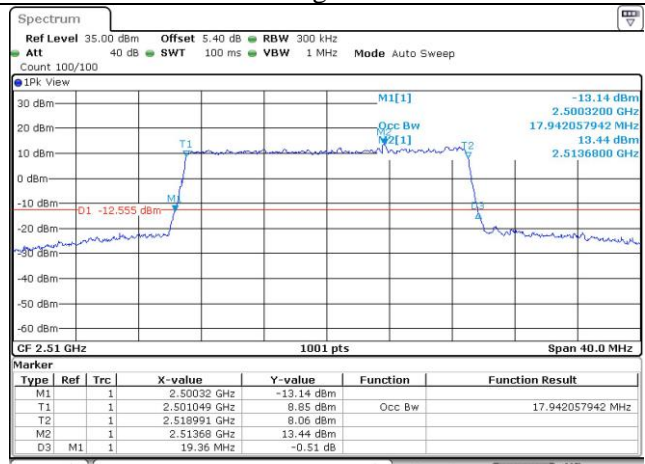


Fig.46

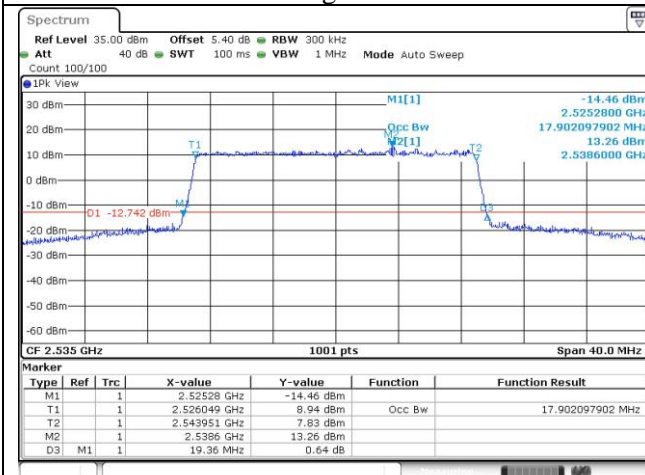


Fig.47

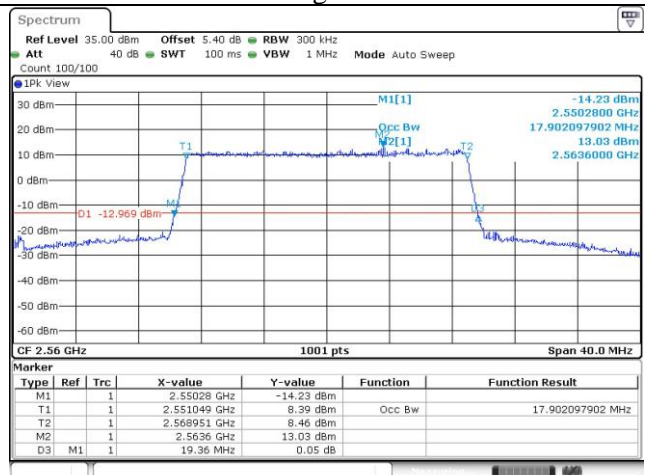


Fig.48

#### 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

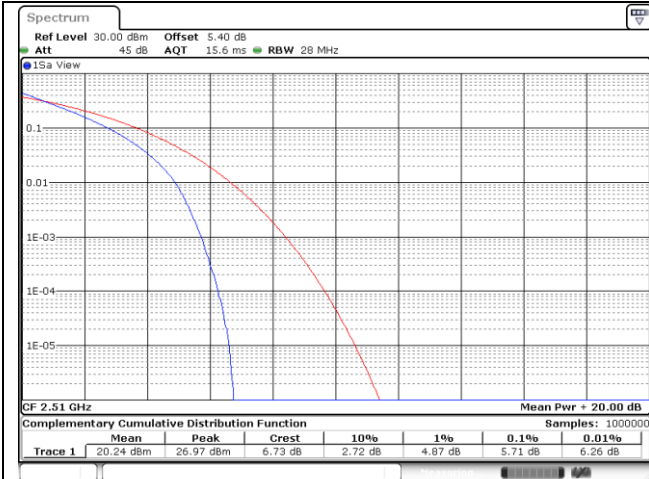


Fig.1

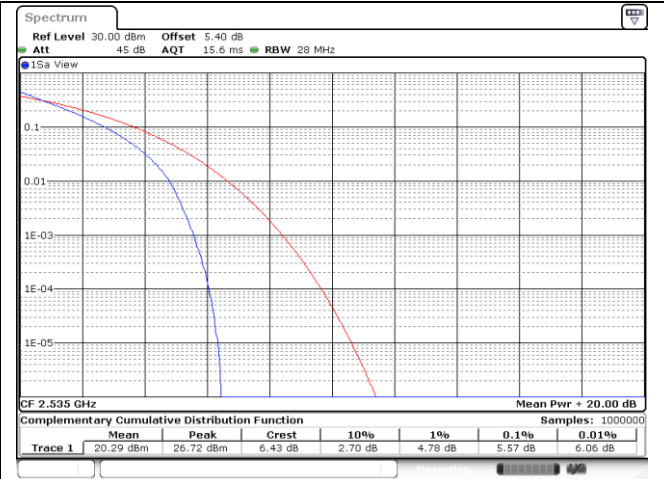


Fig.2

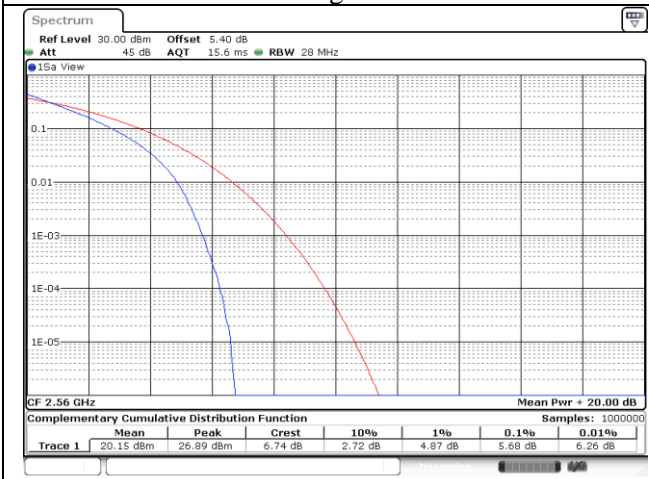


Fig.3

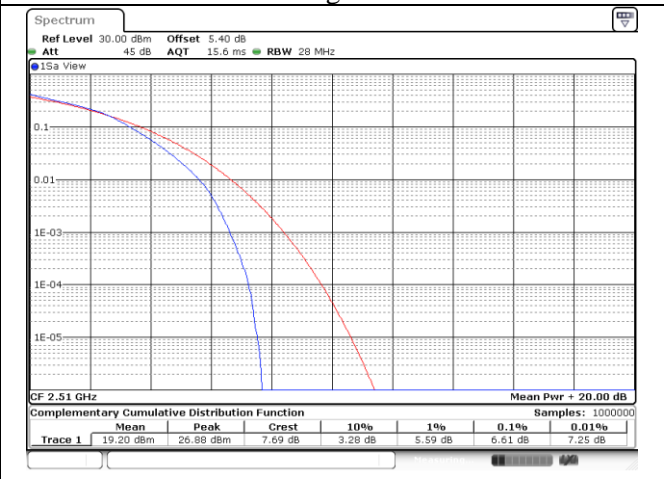


Fig.4

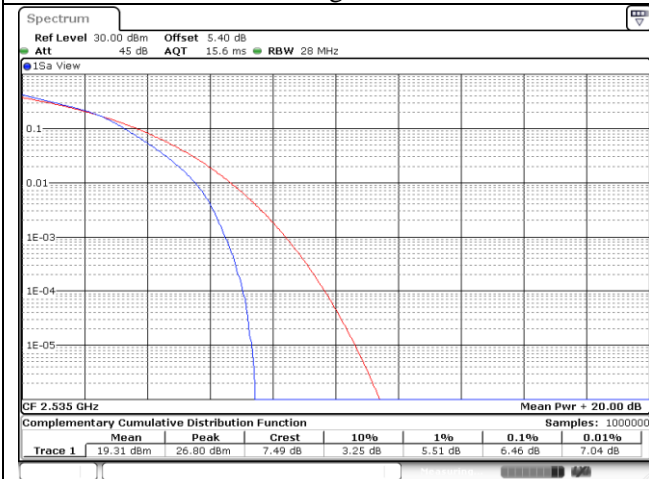


Fig.5

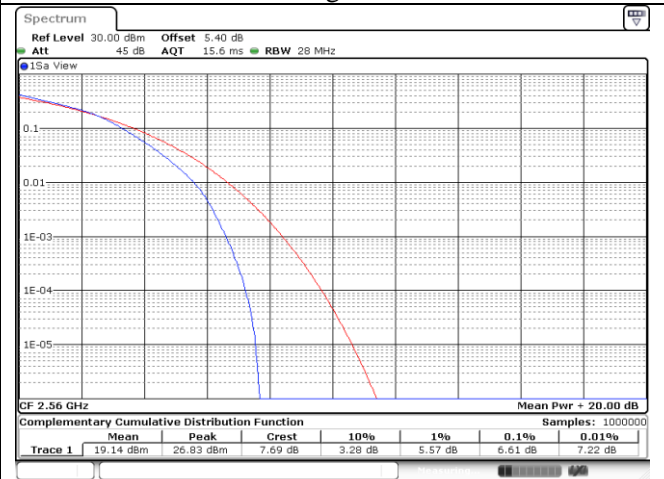


Fig.6



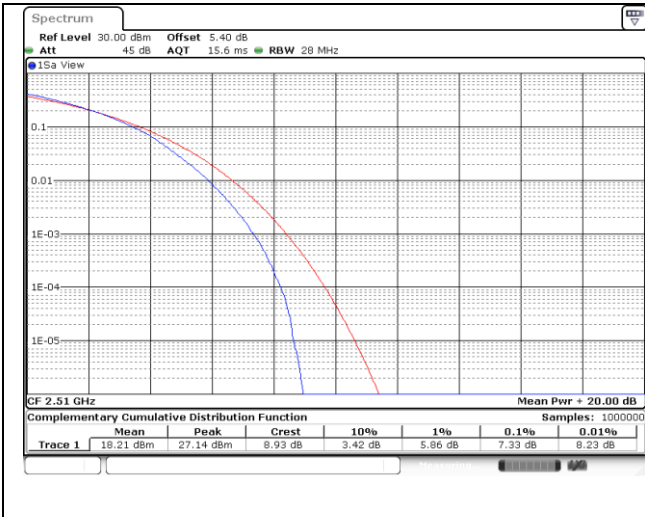


Fig.7

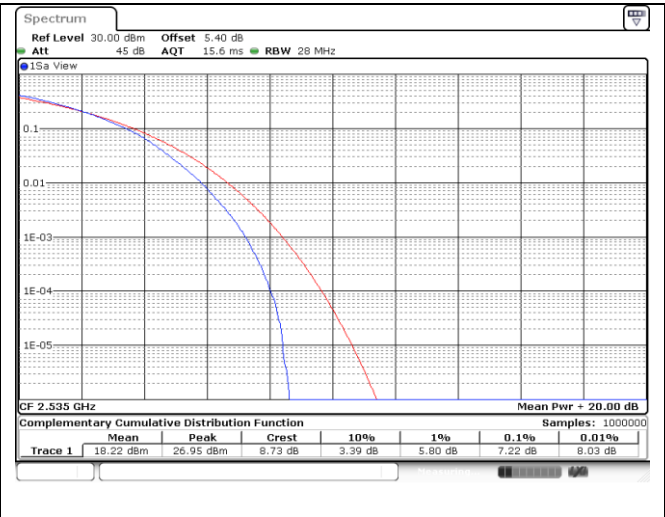


Fig.8

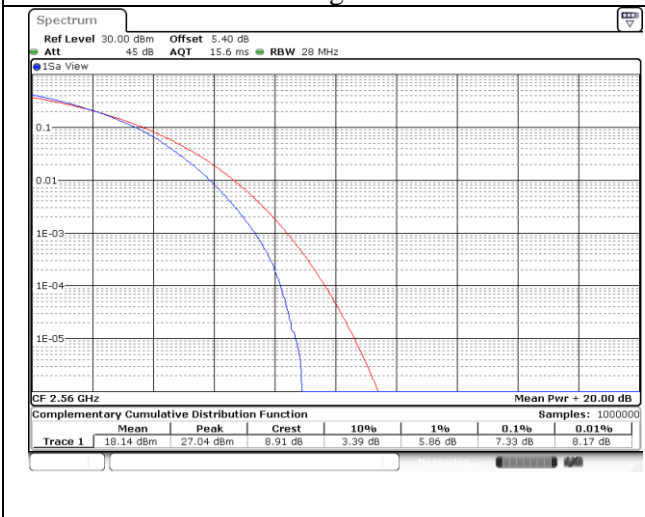


Fig.9

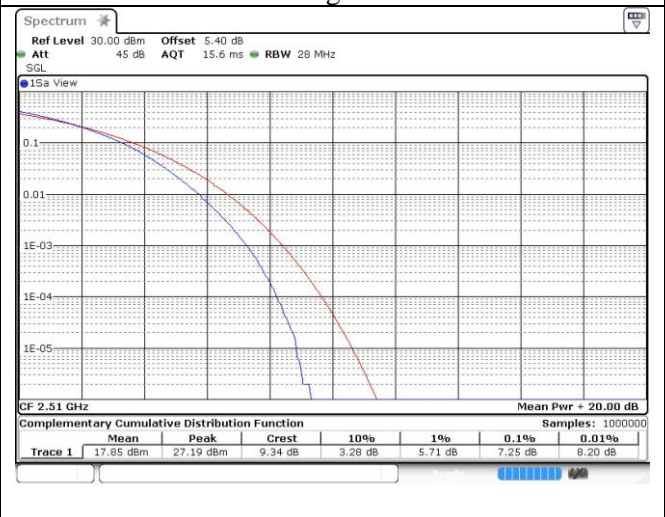


Fig.10

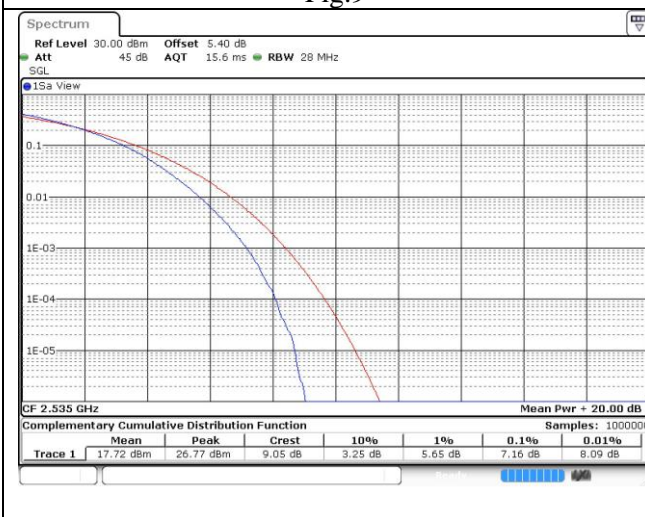


Fig.11

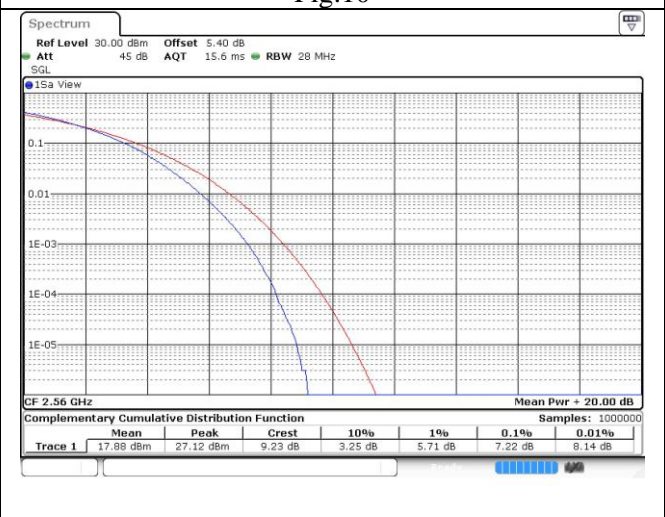


Fig.12

### 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

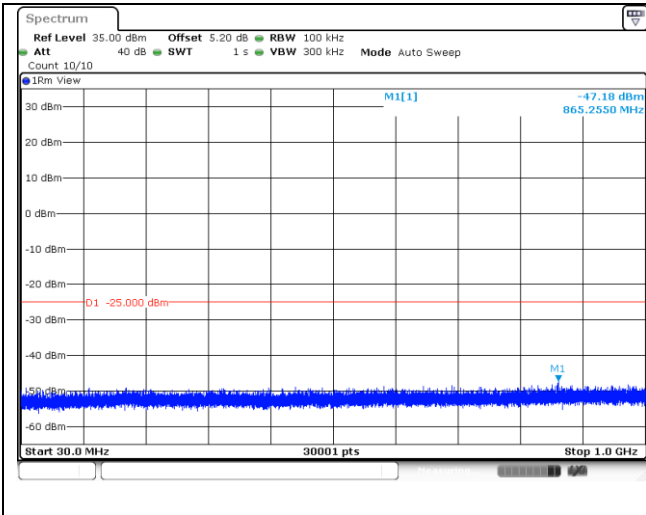


Fig.1

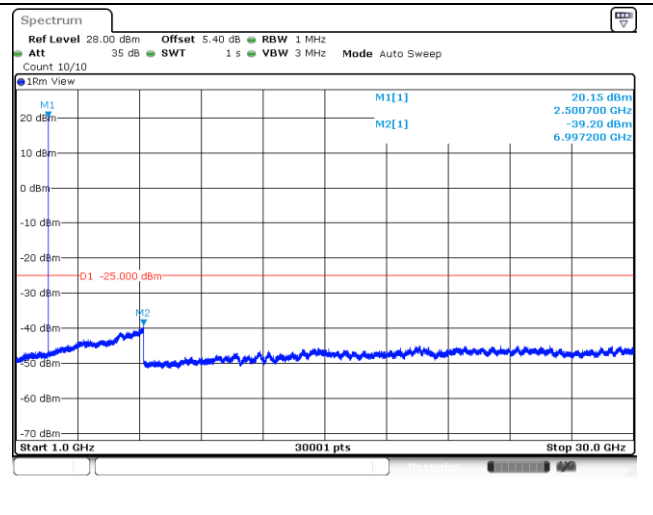


Fig.2

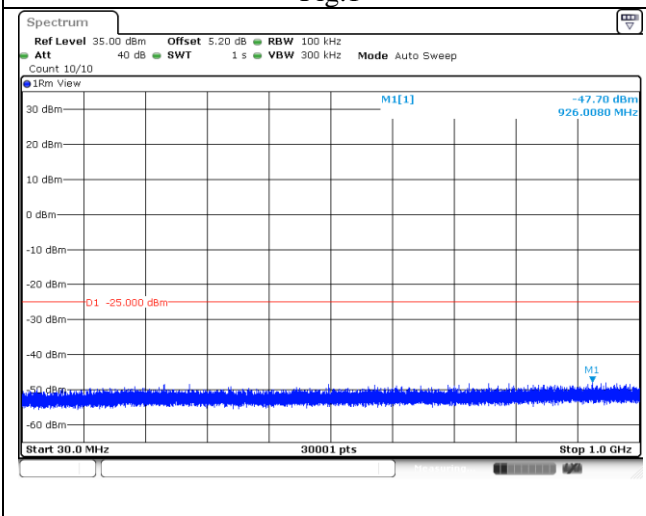


Fig.3

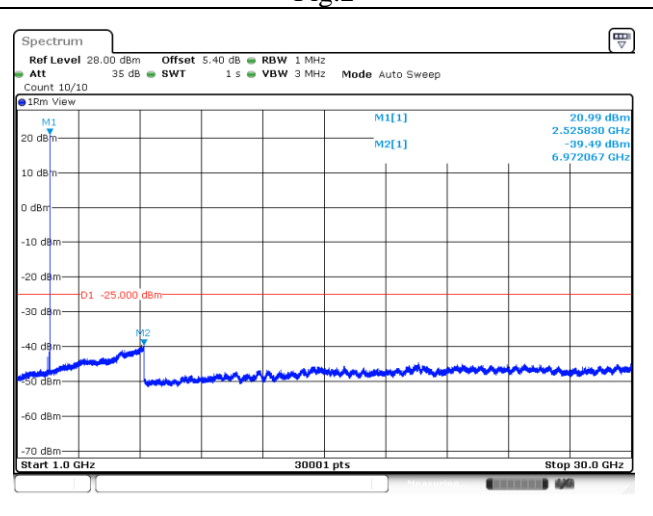


Fig.4

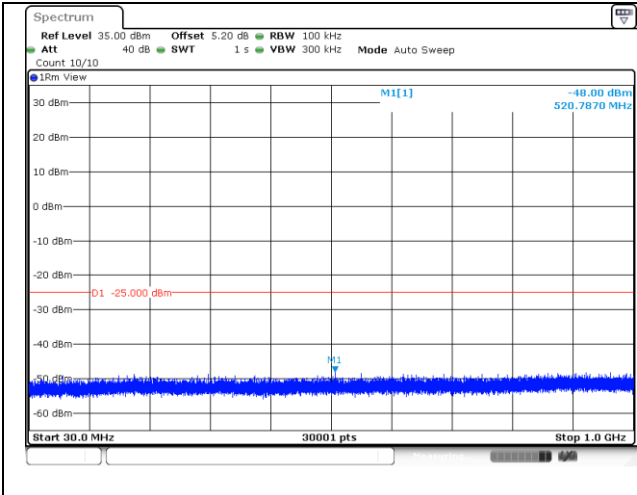


Fig.5

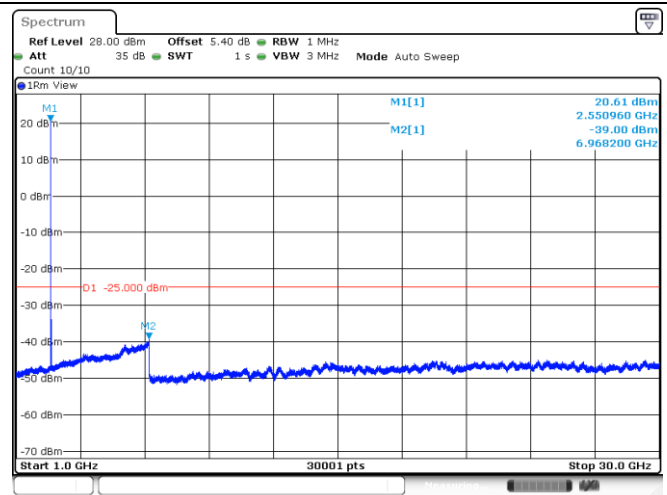


Fig.6

**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



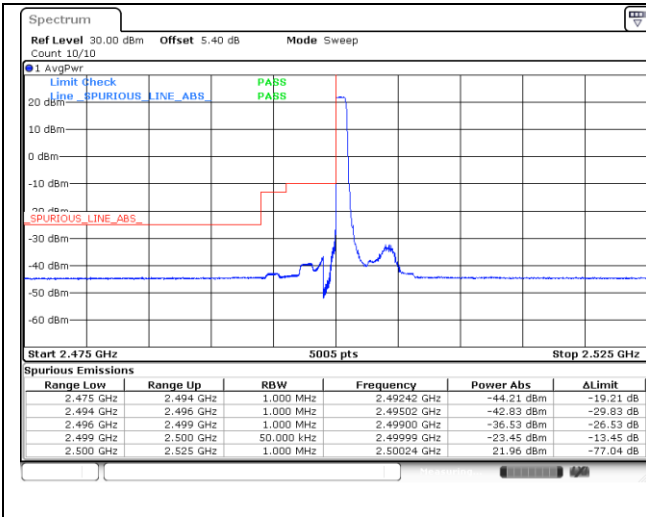


Fig.1

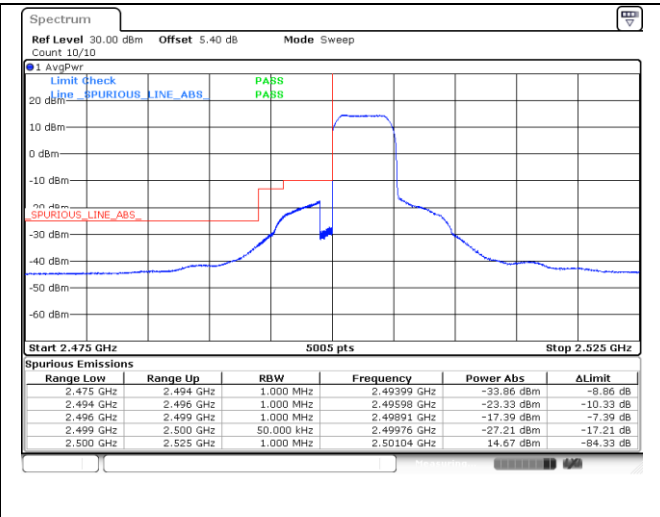


Fig.2

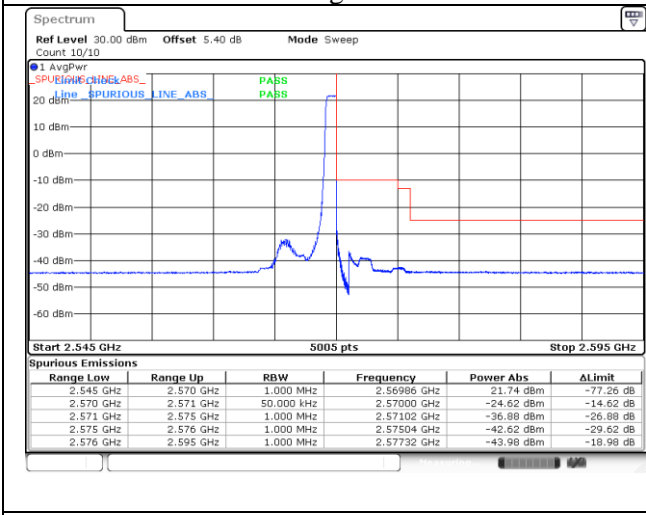


Fig.3

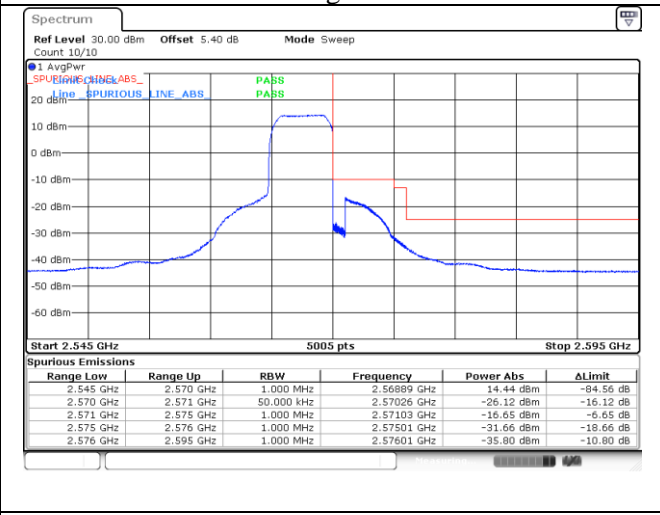


Fig.4

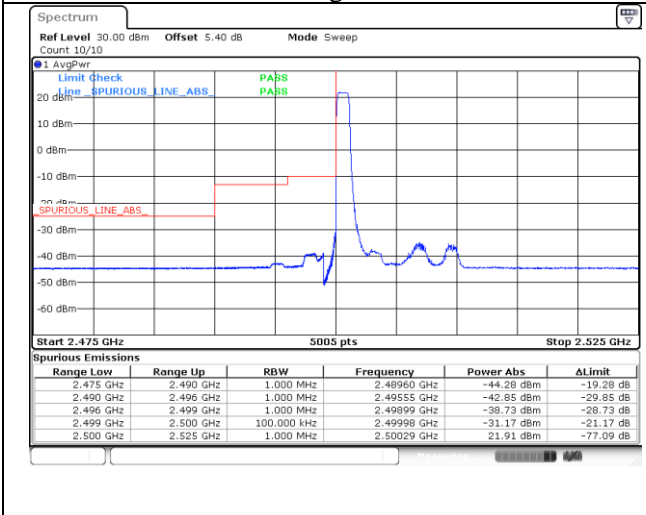


Fig.5

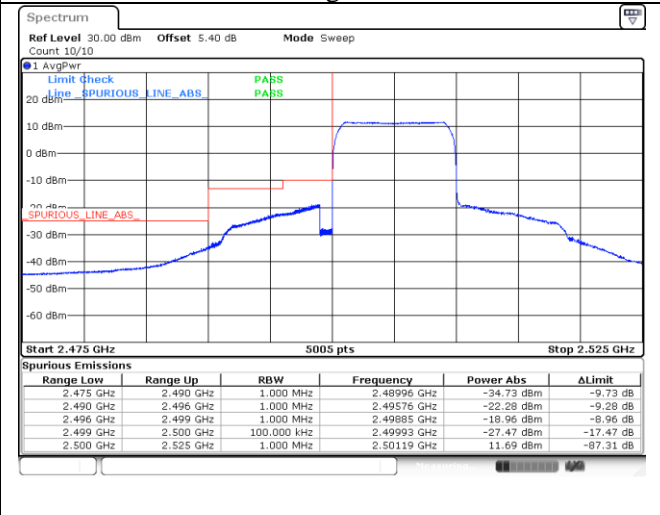


Fig.6

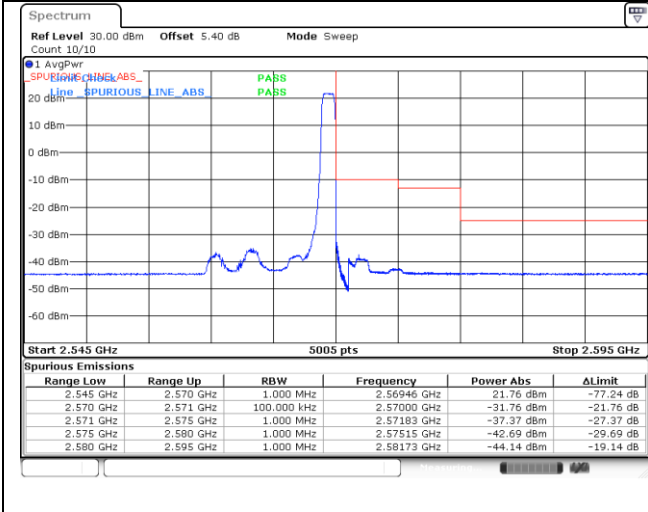


Fig.7

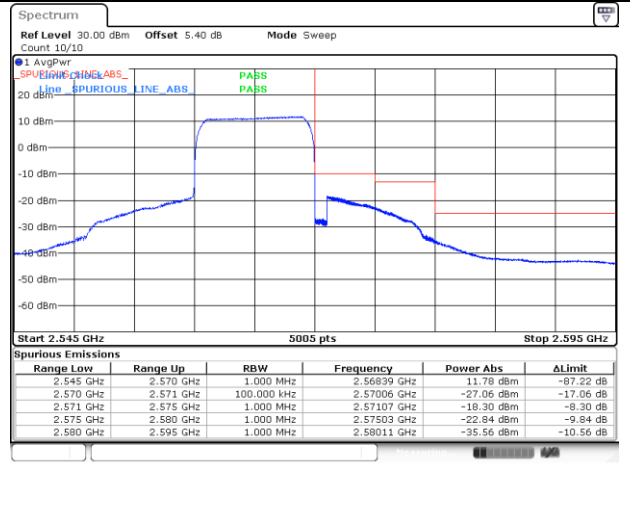


Fig.8

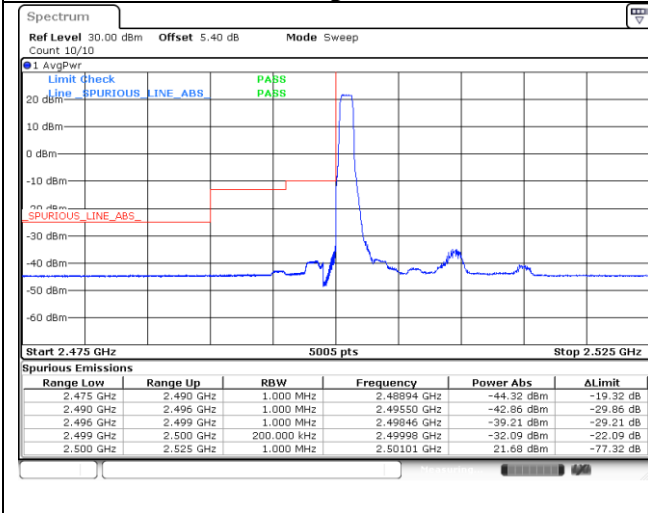


Fig.9

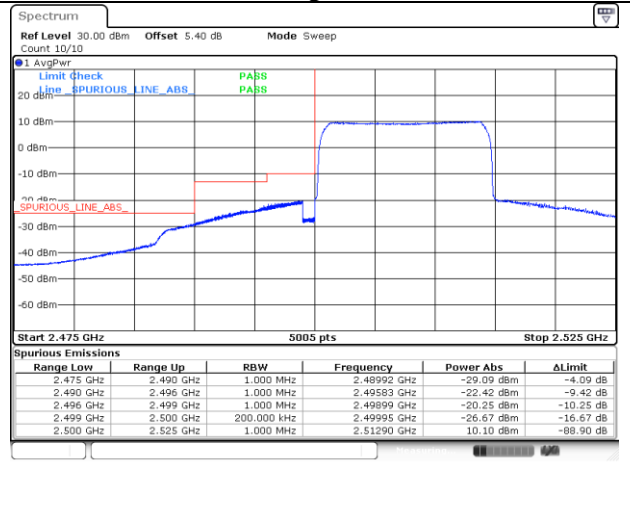


Fig.10

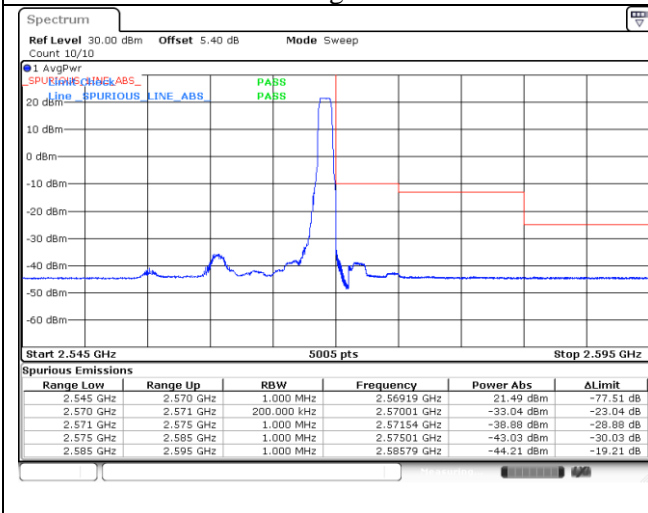


Fig.11

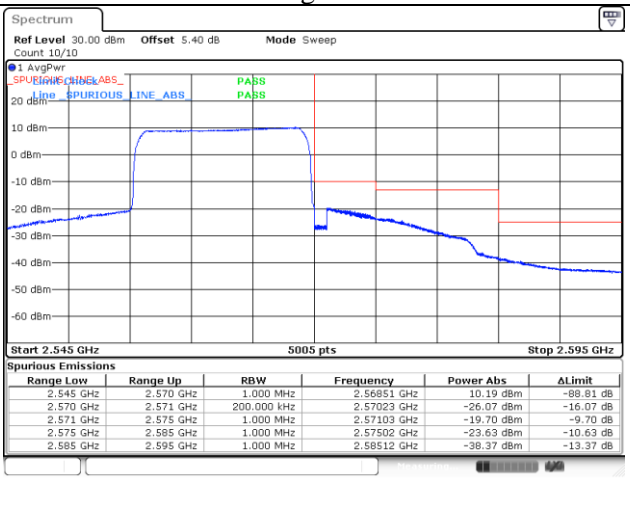


Fig.12

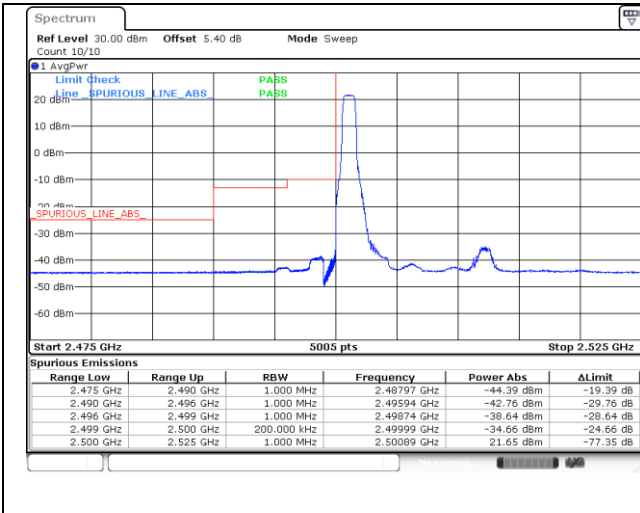


Fig.13

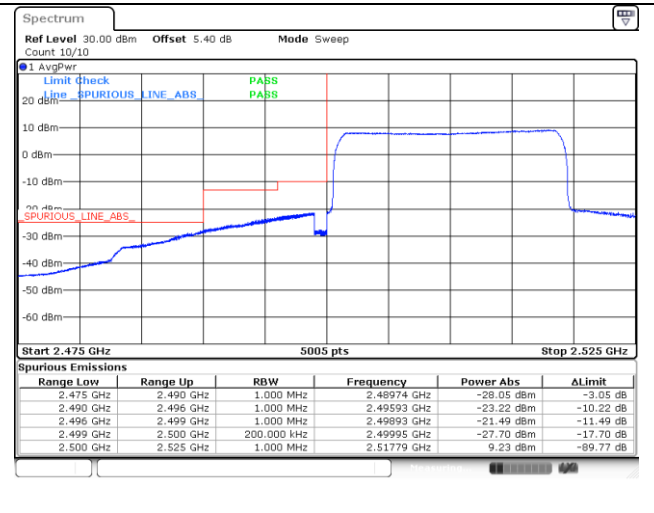


Fig.14

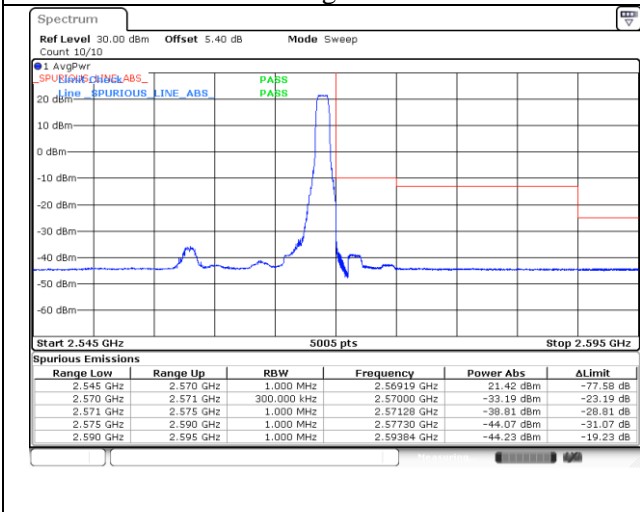


Fig.15

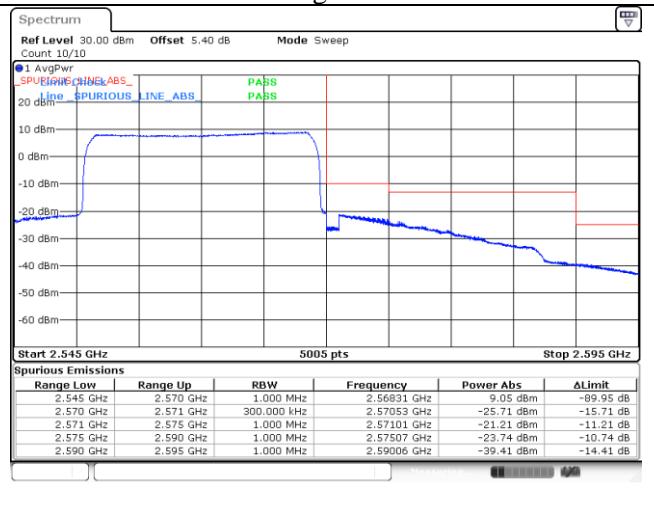


Fig.16

## 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	Conduct ed 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	Conduct ed 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	Conduct ed 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
	2565	21400		50	0	21.49	19.49	0.089
				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		
16QAM	2505	20800	25	25	21.35	19.35	0.086	
			50	0	21.40	19.40	0.087	
			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	
	2535	21100	25	12	20.91	18.91	0.078	
			25	25	20.88	18.88	0.077	
			50	0	20.81	18.81	0.076	
			1	0	21.96	19.96	0.099	
			1	24	22.11	20.11	0.103	
			1	49	21.75	19.75	0.094	
	2565	21400	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	
			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	Conduct ed 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
	2565	21400		50	0	19.47	17.47	0.056
				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		
256QAM	2505	20800	25	25	19.17	17.17	0.052	
			50	0	19.27	17.27	0.053	
			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	
	2535	21100	25	12	17.84	15.84	0.038	
			25	25	17.82	15.82	0.038	
			50	0	17.72	15.72	0.037	
			1	0	17.90	15.90	0.039	
			1	24	18.05	16.05	0.040	
			1	49	17.66	15.66	0.037	
	2565	21400	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	
			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	Conduct ed 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	Conduct ed 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		
	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		
	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			
	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			
	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	Conduct ed 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
	2560	21350		100	0	22.18	20.18	0.104
				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		
16QAM	2510	20850	50	0	21.96	19.96	0.099	
			100	0	21.92	19.92	0.098	
			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	
	2535	21100	50	25	21.35	19.35	0.086	
			50	0	21.41	19.41	0.087	
			100	0	21.35	19.35	0.086	
			1	99	22.56	20.56	0.114	
			1	49	22.32	20.32	0.108	
			1	0	22.74	20.74	0.119	
	2560	21350	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	
			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	Conduct ed 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
	2560	21350		100	0	20.22	18.22	0.066
				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		
256QAM	2510	20850	50	0	19.87	17.87	0.061	
			100	0	19.95	17.95	0.062	
			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	
	2535	21100	50	25	18.3	16.30	0.043	
			50	0	18.39	16.39	0.044	
			100	0	18.29	16.29	0.043	
			1	99	18.51	16.51	0.045	
			1	49	18.28	16.28	0.042	
			1	0	18.65	16.65	0.046	
	2560	21350	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	
			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)	EIRP (dBm)	Limit (dBm)
Band7	20MHz	QPSK	21350	1RB#0	22.74	20.74	0.119
				1RB#49	23.05	21.05	0.127
				1RB#99	22.81	20.81	0.121

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