

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

**LTE Band 5**

**1 RF Power Output**

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	824.7	20407	1.4	1	0	22.72
				1	2	22.69
				1	5	22.72
				3	0	22.74
				3	1	22.79
				3	3	22.72
	6	0		21.75		
	836.5	20525		1	0	22.69
				1	2	22.58
				1	5	22.46
				3	0	22.71
				3	1	22.65
				3	3	22.72
	848.3	20643		6	0	21.78
				1	0	22.42
				1	2	22.72
				1	5	22.64
				3	0	22.60
3			1	22.67		
16QAM	824.7	20407	3	3	22.58	
			6	0	21.69	
			1	0	21.87	
			1	2	22.17	
			1	5	22.00	
			3	0	21.84	
	836.5	20525	3	1	21.82	
			3	3	21.87	
			6	0	20.88	
			1	0	22.30	
			1	2	21.88	
			1	5	22.15	
	848.3	20643	3	0	21.95	
			3	1	21.92	
			3	3	21.85	
			6	0	20.67	
			1	0	21.79	
			1	2	21.58	
1	5	21.62				
3	0	21.81				
3	1	21.80				
3	3	21.59				
6	0	20.83				

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	824.7	20407	1.4	1	0	20.62
				1	2	20.67
				1	5	20.68
				3	0	20.70
				3	1	20.76
				3	3	20.69
	836.5	20525		6	0	19.65
				1	0	20.59
				1	2	20.48
				1	5	20.39
				3	0	20.69
				3	1	20.60
	848.3	20643		3	3	20.63
				6	0	19.68
				1	0	20.33
				1	2	20.63
				1	5	20.55
				3	0	20.56
256QAM	824.7	20407	3	1	20.57	
			3	3	20.55	
			6	0	19.63	
			1	0	17.77	
			1	2	18.12	
			1	5	17.94	
	836.5	20525	3	0	17.76	
			3	1	17.72	
			3	3	17.78	
			6	0	17.78	
			1	0	18.28	
			1	2	17.85	
	848.3	20643	1	5	18.07	
			3	0	17.86	
			3	1	17.87	
			3	3	17.79	
			6	0	17.63	
			1	0	17.76	
			1	2	17.52	
			1	5	17.54	
			3	0	17.78	
			3	1	17.71	
			3	3	17.54	
			6	0	17.79	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	825.5	20415	3	1	0	22.75
				1	8	22.70
				1	14	22.62
				8	0	21.70
				8	4	21.89
				8	7	21.79
	15	0		21.76		
	1	0		22.79		
	1	8		22.61		
	1	14		22.64		
	8	0		21.75		
	8	4		21.78		
	8	7		21.83		
	15	0		21.80		
	1	0		22.58		
	1	8		22.63		
	1	14		22.77		
	8	0		21.75		
8	4	21.57				
8	7	21.72				
15	0	21.79				
16QAM	825.5	20415	1	0	22.35	
			1	8	22.17	
			1	14	22.03	
			8	0	21.06	
			8	4	20.89	
			8	7	21.05	
	15	0	20.87			
	1	0	22.04			
	1	8	22.13			
	1	14	21.75			
	8	0	20.84			
	8	4	20.79			
	8	7	20.89			
	15	0	20.72			
	1	0	22.14			
	1	8	21.48			
	1	14	22.12			
	8	0	20.82			
8	4	20.77				
8	7	20.67				
15	0	20.85				

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	825.5	20415	3	1	0	20.71
				1	8	20.67
				1	14	20.52
				8	0	19.62
				8	4	19.83
				8	7	19.69
	15	0		19.73		
	836.5	20525		1	0	20.73
				1	8	20.54
				1	14	20.60
				8	0	19.73
				8	4	19.73
				8	7	19.73
	15	0		19.76		
	847.5	20635		1	0	20.50
1			8	20.56		
1			14	20.70		
8			0	19.65		
8			4	19.52		
8			7	19.64		
15	0	19.70				
256QAM	825.5	20415	1	0	18.30	
			1	8	18.11	
			1	14	17.93	
			8	0	18.00	
			8	4	17.81	
			8	7	17.98	
	15	0	17.77			
	836.5	20525	1	0	18.02	
			1	8	18.06	
			1	14	17.73	
			8	0	17.82	
			8	4	17.70	
			8	7	17.85	
	15	0	17.65			
	847.5	20635	1	0	18.11	
1			8	17.46		
1			14	18.09		
8			0	17.72		
8			4	17.73		
8			7	17.62		
15	0	17.80				

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	826.5	20425	5	1	0	22.85
				1	12	22.91
				1	24	22.57
				12	0	21.80
				12	6	21.82
				12	13	21.69
	836.5	20525		25	0	21.83
				1	0	22.75
				1	12	22.70
				1	24	22.55
				12	0	21.80
				12	6	21.78
	846.5	20625		12	13	21.78
				25	0	21.71
				1	0	22.83
				1	12	22.78
				1	24	22.67
				12	0	21.71
16QAM	826.5	20425	12	6	21.70	
			12	13	21.80	
			25	0	21.64	
			1	0	21.83	
			1	12	22.13	
			1	24	22.00	
	836.5	20525	12	0	21.01	
			12	6	20.84	
			12	13	20.90	
			25	0	20.90	
			1	0	22.02	
			1	12	22.59	
	846.5	20625	1	24	22.21	
			12	0	20.69	
			12	6	20.93	
			12	13	20.68	
			25	0	20.71	
			1	0	21.95	
			1	12	22.10	
			1	24	22.23	
			12	0	20.76	
			12	6	20.80	
			12	13	20.81	
			25	0	20.71	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	826.5	20425	5	1	0	20.82
				1	12	20.82
				1	24	20.48
				12	0	19.77
				12	6	19.74
				12	13	19.63
	836.5	20525		25	0	19.81
				1	0	20.73
				1	12	20.68
				1	24	20.46
				12	0	19.74
				12	6	19.71
	846.5	20625		12	13	19.68
				25	0	19.69
				1	0	20.76
				1	12	20.68
				1	24	20.63
				12	0	19.69
256QAM	826.5	20425	12	6	19.60	
			12	13	19.73	
			25	0	19.62	
			1	0	17.74	
			1	12	18.11	
			1	24	17.95	
	836.5	20525	12	0	17.91	
			12	6	17.74	
			12	13	17.81	
			25	0	17.82	
			1	0	17.92	
			1	12	18.56	
	846.5	20625	1	24	18.17	
			12	0	17.61	
			12	6	17.87	
			12	13	17.66	
			25	0	17.64	
			1	0	17.90	
			1	12	18.03	
			1	24	18.20	
			12	0	17.68	
			12	6	17.78	
			12	13	17.77	
			25	0	17.64	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	829	20450	10	1	0	22.71
				1	24	22.72
				1	49	22.63
				25	0	21.74
				25	12	21.79
				25	25	21.74
	836.5	20525		50	0	21.76
				1	0	22.72
				1	24	22.80
				1	49	22.69
				25	0	21.82
				25	12	21.77
	844	20600		25	25	21.76
				50	0	21.77
				1	0	22.63
				1	24	22.65
				1	49	22.65
				25	0	21.68
16QAM	829	20450	25	12	21.78	
			25	25	21.78	
			50	0	21.82	
			1	0	22.15	
			1	24	22.25	
			1	49	22.33	
	836.5	20525	25	0	20.79	
			25	12	20.82	
			25	25	20.81	
			50	0	20.92	
			1	0	22.17	
			1	24	22.24	
	844	20600	1	49	22.21	
			25	0	20.79	
			25	12	20.80	
			25	25	20.58	
			50	0	20.89	
			1	0	22.51	
			1	24	21.98	
			1	49	21.53	
			25	0	20.73	
			25	12	20.85	
			25	25	20.59	
			50	0	20.68	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	829	20450	10	1	0	20.66
				1	24	20.62
				1	49	20.55
				25	0	19.66
				25	12	19.71
				25	25	19.66
	836.5	20525		50	0	19.71
				1	0	20.70
				1	24	20.78
				1	49	20.65
				25	0	19.78
				25	12	19.72
	844	20600		25	25	19.68
				50	0	19.73
				1	0	20.59
				1	24	20.58
				1	49	20.57
				25	0	19.66
256QAM	829	20450	25	12	19.72	
			25	25	19.76	
			50	0	17.83	
			1	0	18.11	
			1	24	18.2	
			1	49	18.11	
	836.5	20525	25	0	17.7	
			25	12	17.78	
			25	25	17.5	
			50	0	17.82	
			1	0	18.49	
			1	24	17.94	
	844	20600	1	49	17.49	
			25	0	17.64	
			25	12	17.76	
			25	25	17.54	
			50	0	17.65	



**Test on the worst case:**

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)
Band5	5MHz	QPSK	20425	1RB#0	22.61
				1RB#12	22.72
				1RB#24	22.32

## 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	
5	824.7	20407	1.4	6	0	1.088	Fig.1	1.094	Fig.4	1.091	Fig.7	1.088	Fig.10
	836.5	20525		6	0	1.088	Fig.2	1.091	Fig.5	1.091	Fig.8	1.085	Fig.11
	848.3	20643		6	0	1.085	Fig.3	1.091	Fig.6	1.091	Fig.9	1.088	Fig.12
	825.5	20415	3	15	0	2.697	Fig.13	2.691	Fig.16	2.691	Fig.19	2.697	Fig.22
	836.5	20525		15	0	2.697	Fig.14	2.685	Fig.17	2.691	Fig.20	2.697	Fig.23
	847.5	20635		15	0	2.697	Fig.15	2.691	Fig.18	2.691	Fig.21	2.691	Fig.24
	826.5	20425	5	25	0	4.476	Fig.25	4.466	Fig.28	4.486	Fig.31	4.476	Fig.34
	836.5	20525		25	0	4.476	Fig.26	4.476	Fig.29	4.486	Fig.32	4.476	Fig.35
	846.5	20625		25	0	4.476	Fig.27	4.476	Fig.30	4.476	Fig.33	4.476	Fig.36
	829	20450	10	50	0	8.951	Fig.37	8.931	Fig.40	8.951	Fig.43	8.951	Fig.46
	836.5	20525		50	0	8.931	Fig.38	8.891	Fig.41	8.931	Fig.44	8.931	Fig.47
	844	20600		50	0	8.951	Fig.39	8.931	Fig.42	8.931	Fig.45	8.931	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			
5	824.7	20407	1.4	6	0	1.233	Fig.1	1.239	Fig.4	1.236	Fig.7	1.290	Fig.10
	836.5	20525		6	0	1.236	Fig.2	1.239	Fig.5	1.236	Fig.8	1.284	Fig.11
	848.3	20643		6	0	1.236	Fig.3	1.236	Fig.6	1.236	Fig.9	1.290	Fig.12
	825.5	20415	3	15	0	2.994	Fig.13	3.006	Fig.16	2.976	Fig.19	3.024	Fig.22
	836.5	20525		15	0	2.994	Fig.14	3.000	Fig.17	2.982	Fig.20	3.006	Fig.23
	847.5	20635		15	0	2.988	Fig.15	3.000	Fig.18	2.982	Fig.21	3.018	Fig.24
	826.5	20425	5	25	0	4.900	Fig.25	4.910	Fig.28	4.910	Fig.31	4.870	Fig.34
	836.5	20525		25	0	4.870	Fig.26	4.890	Fig.29	4.920	Fig.32	4.860	Fig.35
	846.5	20625		25	0	4.900	Fig.27	4.890	Fig.30	4.910	Fig.33	4.850	Fig.36
	829	20450	10	50	0	9.680	Fig.37	9.700	Fig.40	9.700	Fig.43	9.660	Fig.46
	836.5	20525		50	0	9.640	Fig.38	9.640	Fig.41	9.660	Fig.44	9.660	Fig.47
	844	20600		50	0	9.660	Fig.39	9.680	Fig.42	9.700	Fig.45	9.640	Fig.48

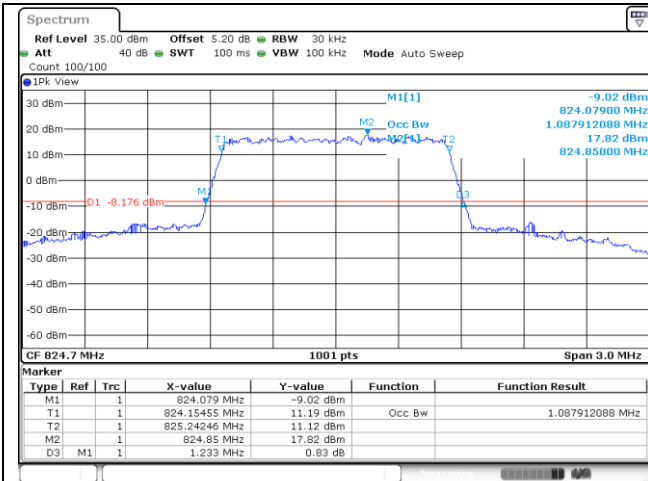


Fig.1

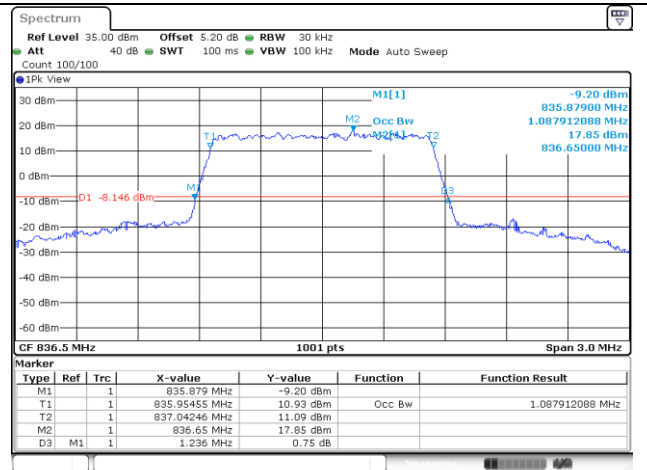


Fig.2

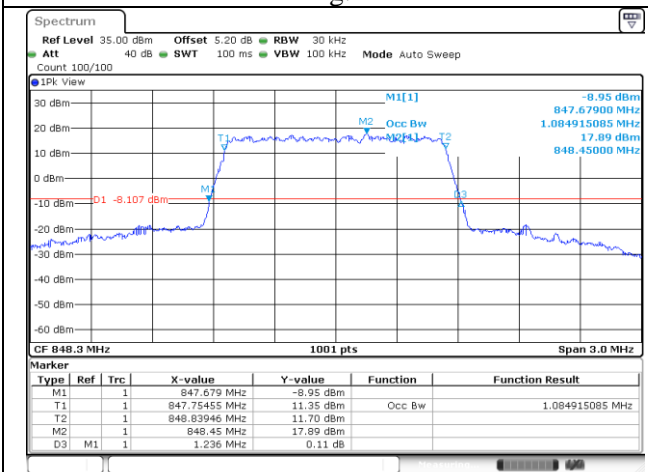


Fig.3

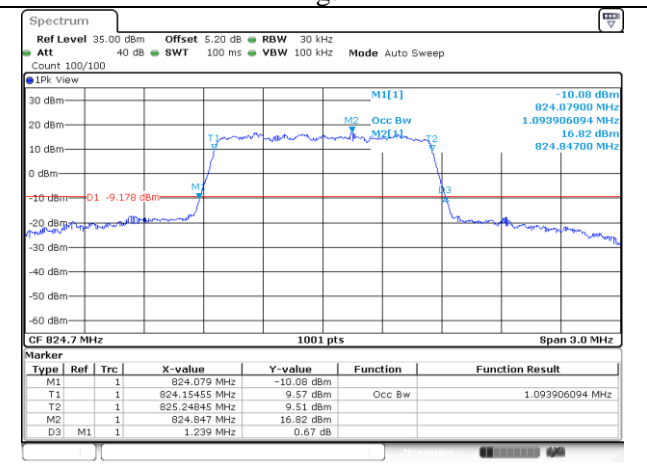


Fig.4

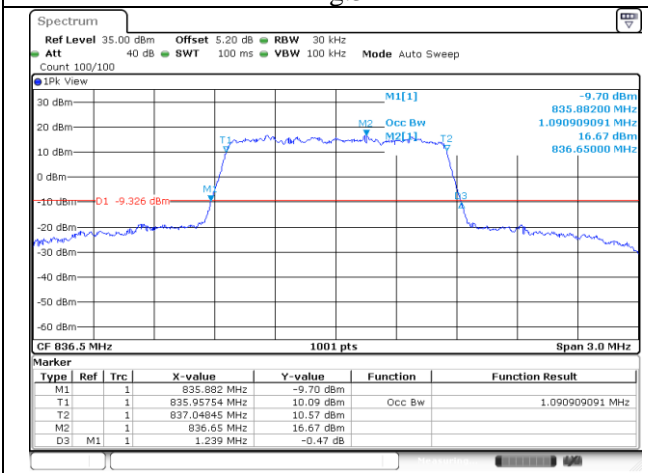


Fig.5

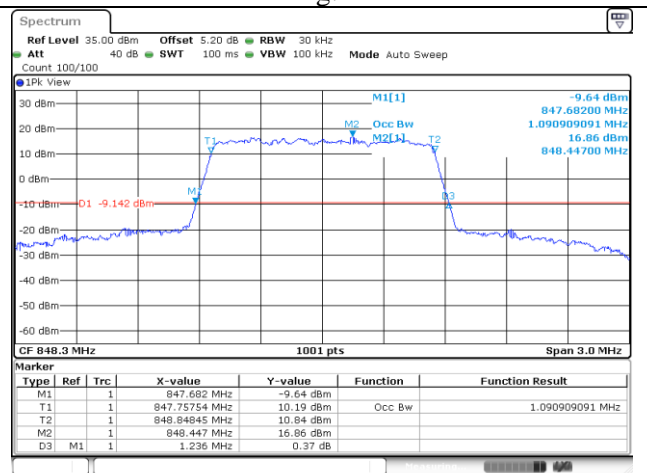


Fig.6

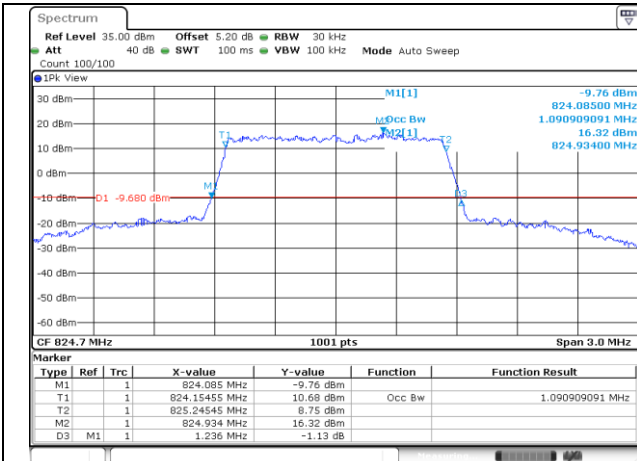


Fig.7

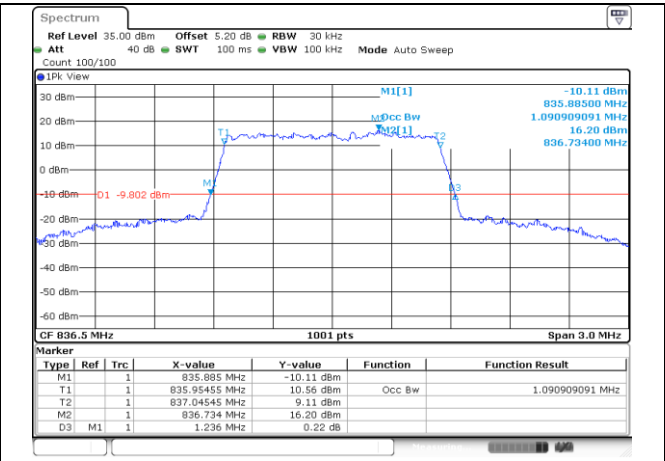


Fig.8

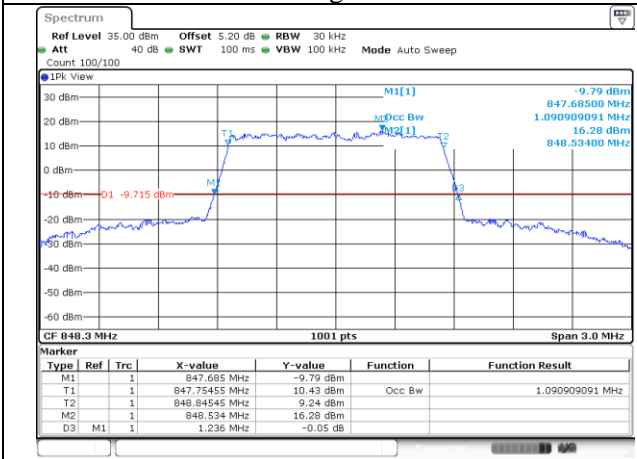


Fig.9

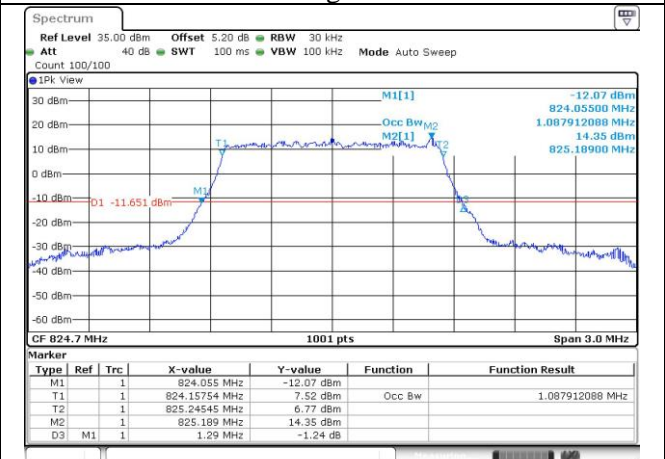


Fig.10

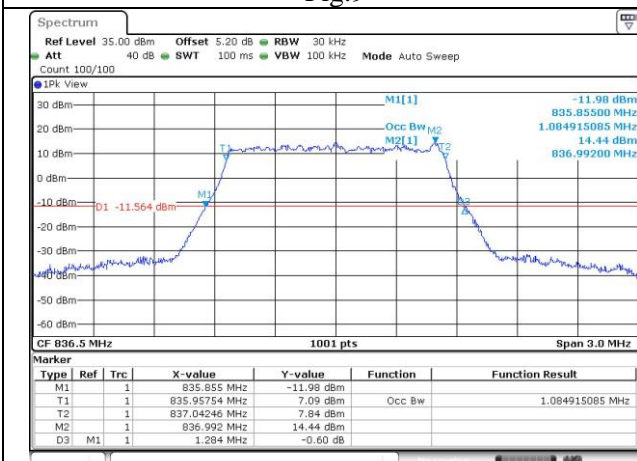


Fig.11

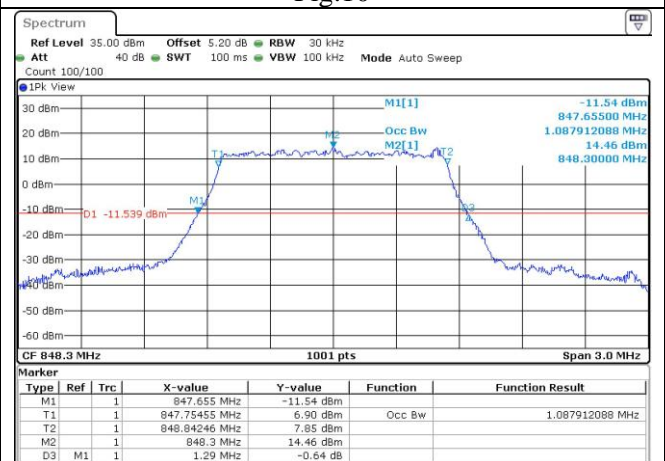


Fig.12

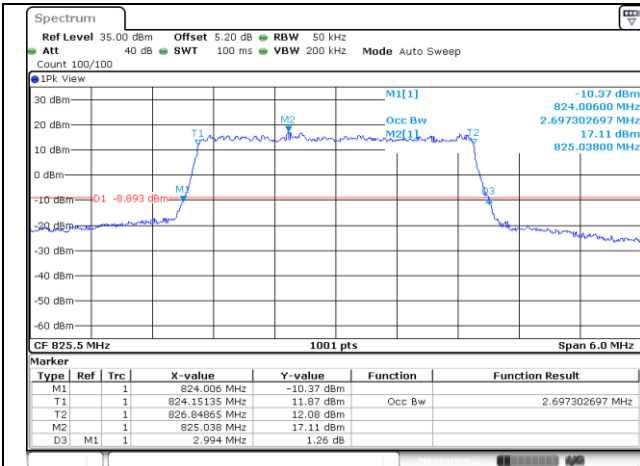


Fig.13

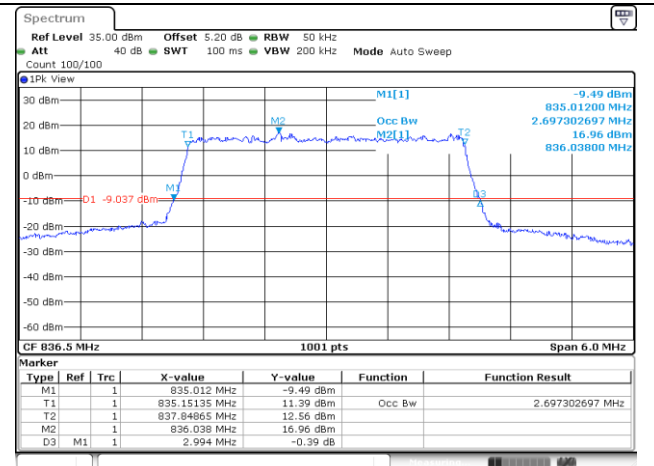


Fig.14

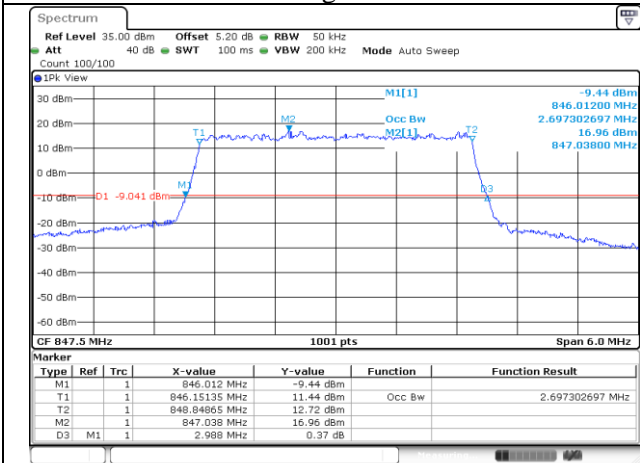


Fig.15

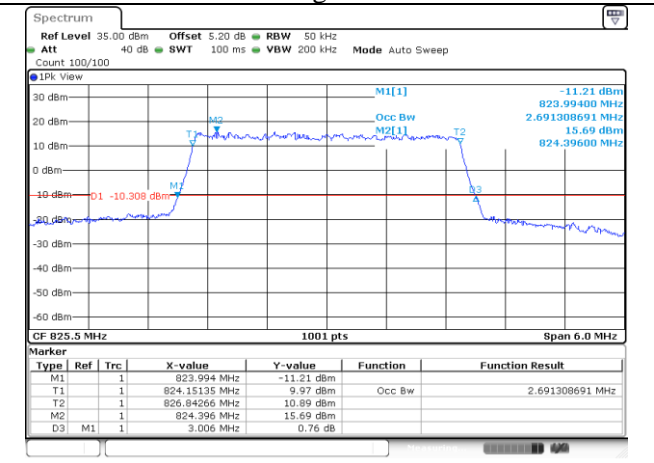


Fig.16

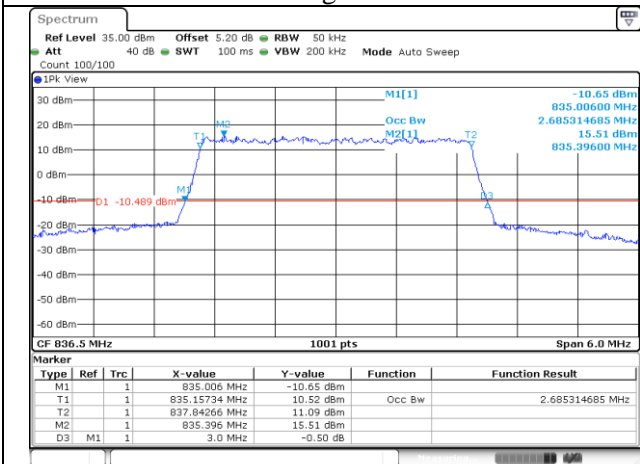


Fig.17

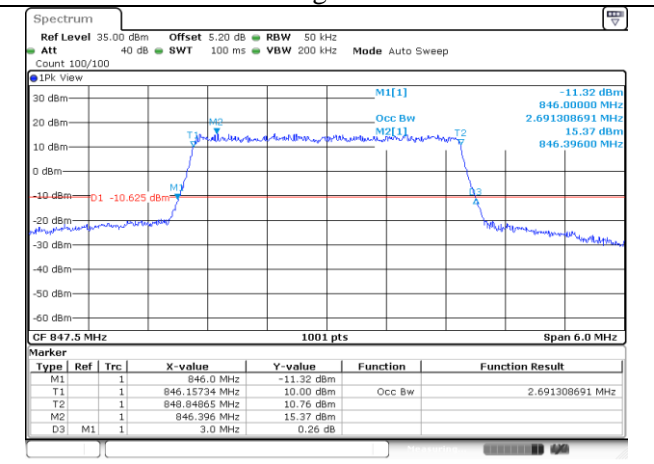


Fig.18

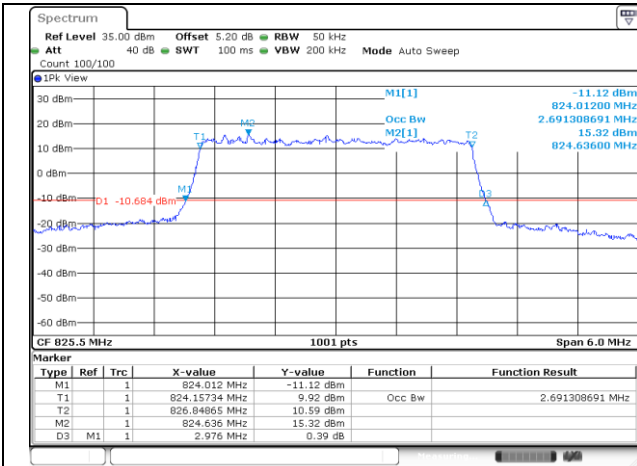


Fig.19

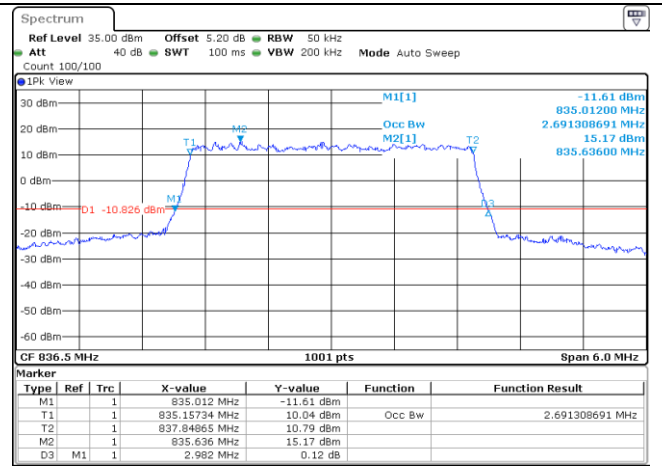


Fig.20

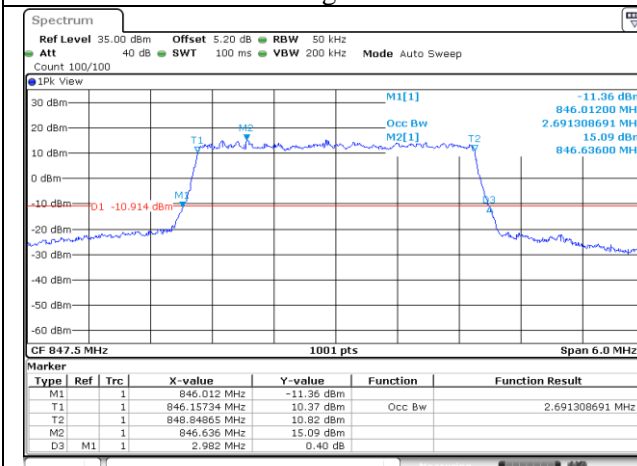


Fig.21

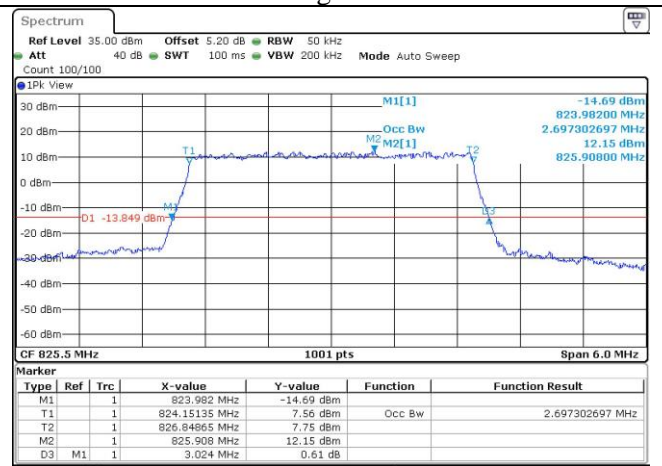


Fig.22

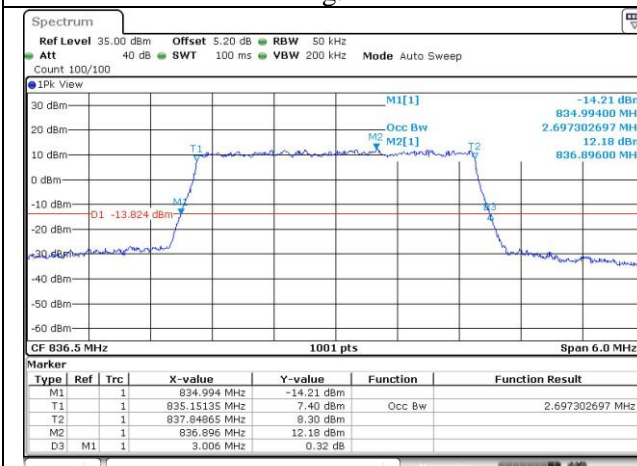


Fig.23

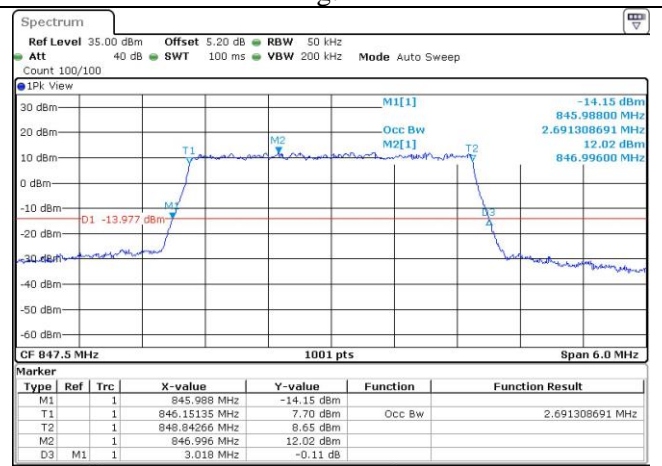


Fig.24



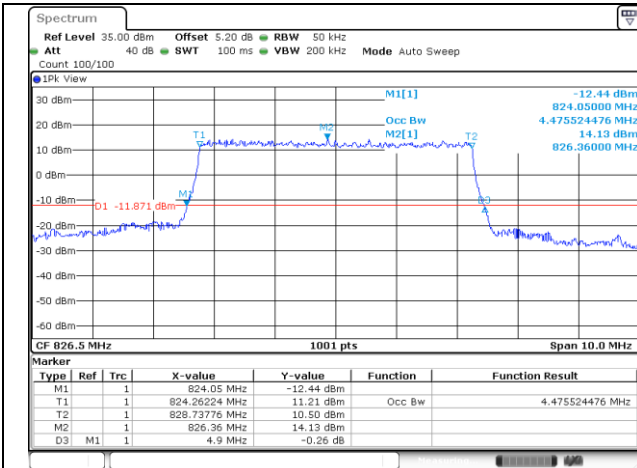


Fig.25

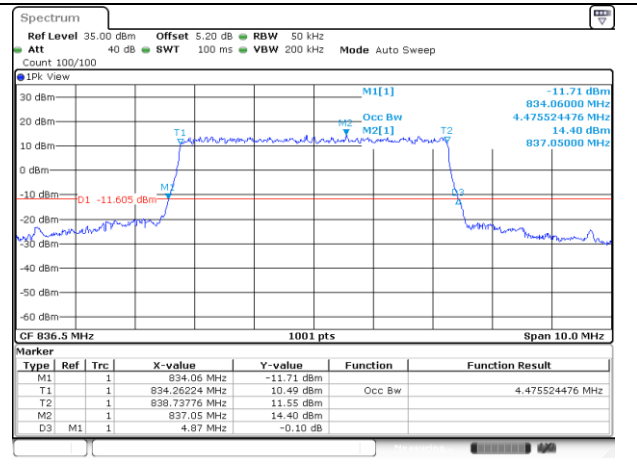


Fig.26

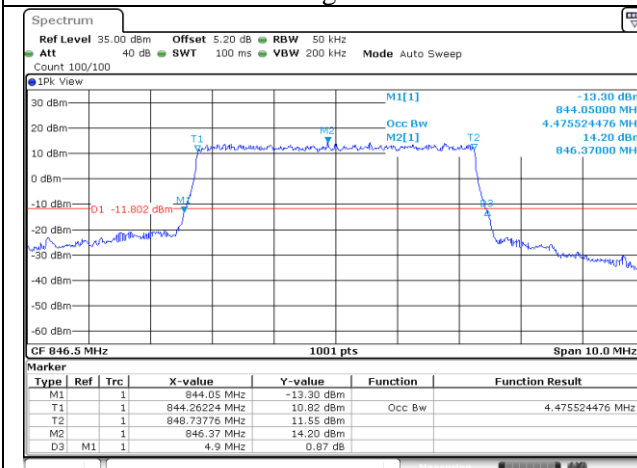


Fig.27

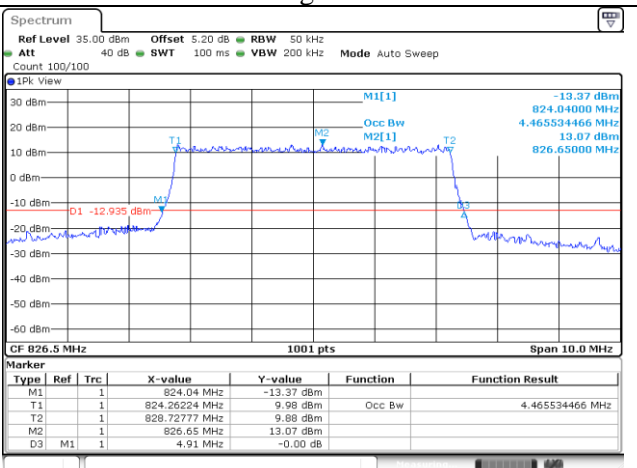


Fig.28

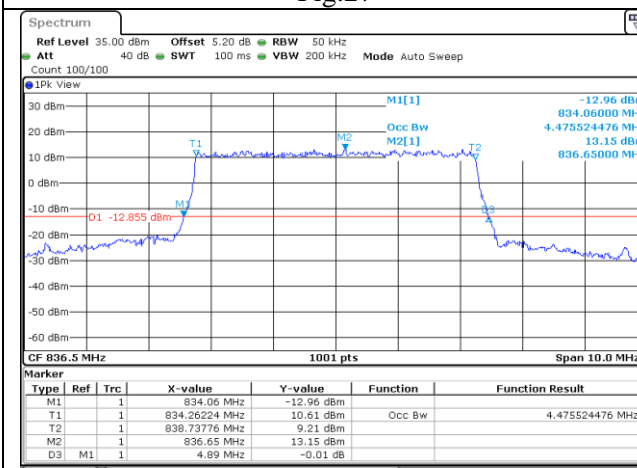


Fig.29

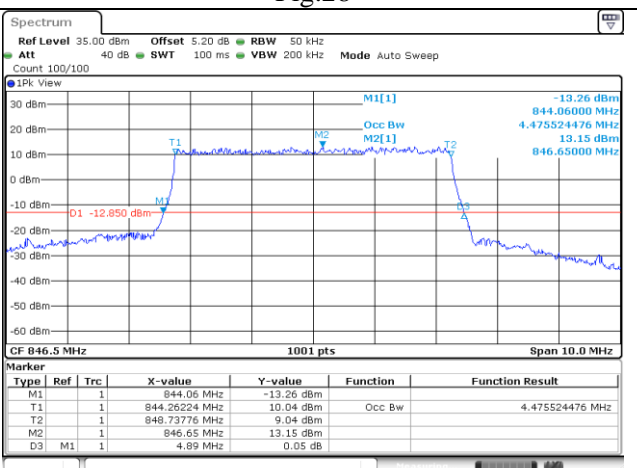


Fig.30

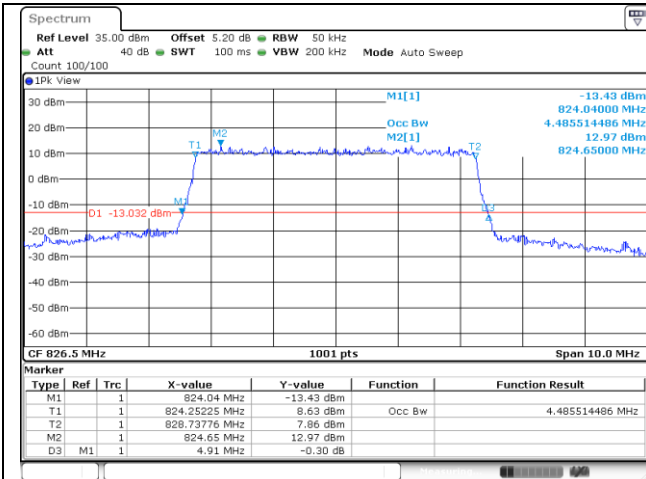


Fig.31

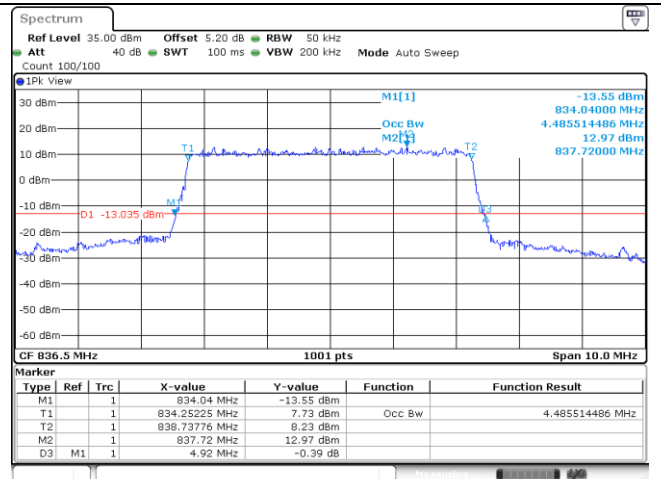


Fig.32

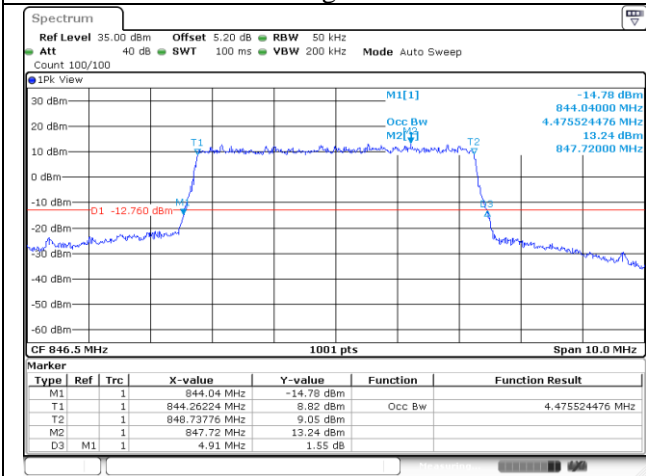


Fig.33

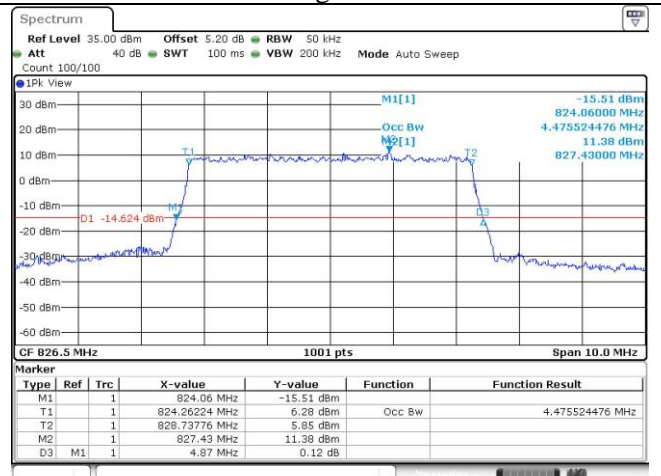


Fig.34

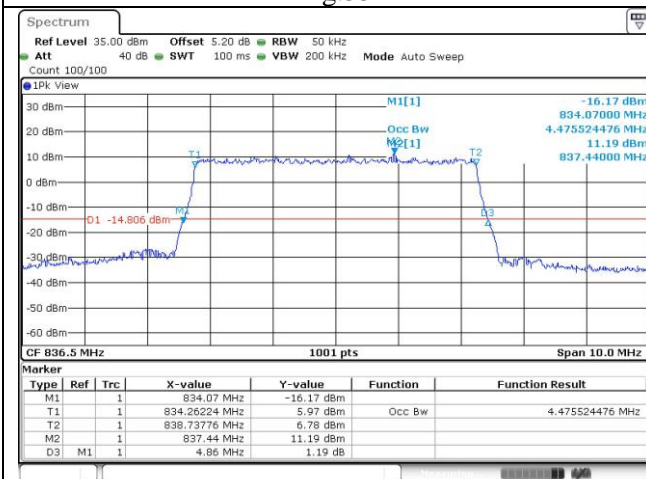


Fig.35

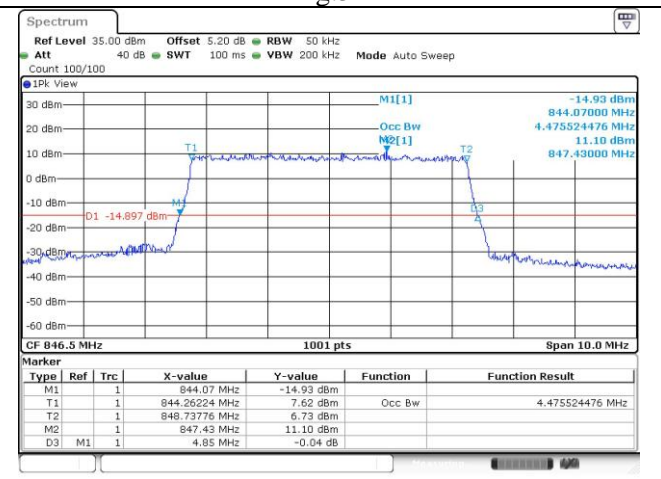


Fig.36



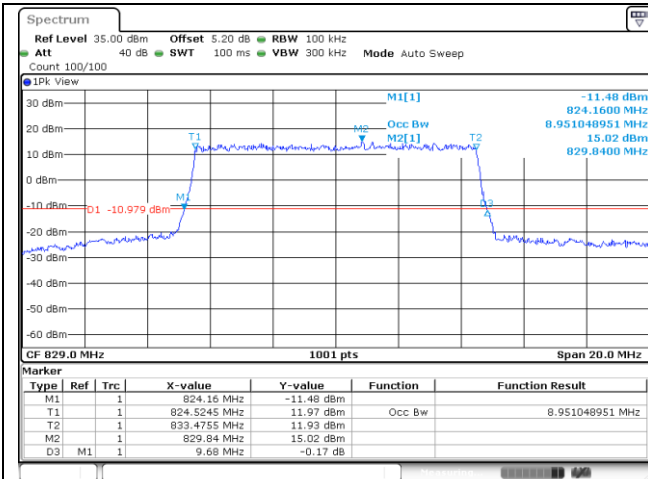


Fig.37

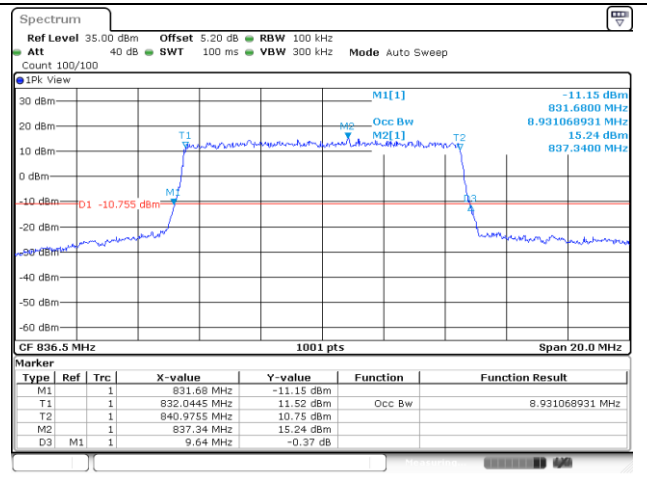


Fig.38

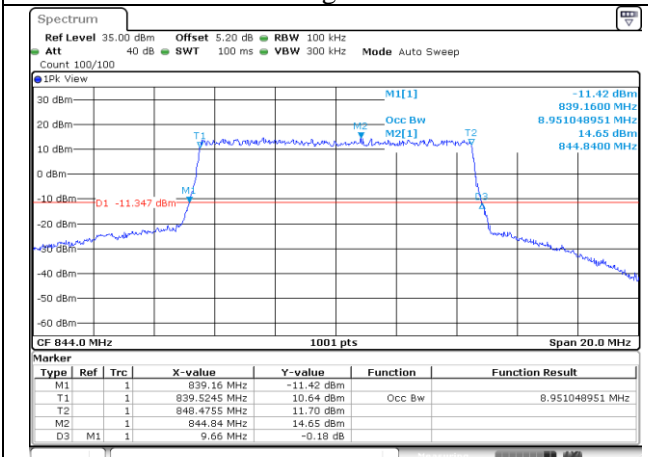


Fig.39

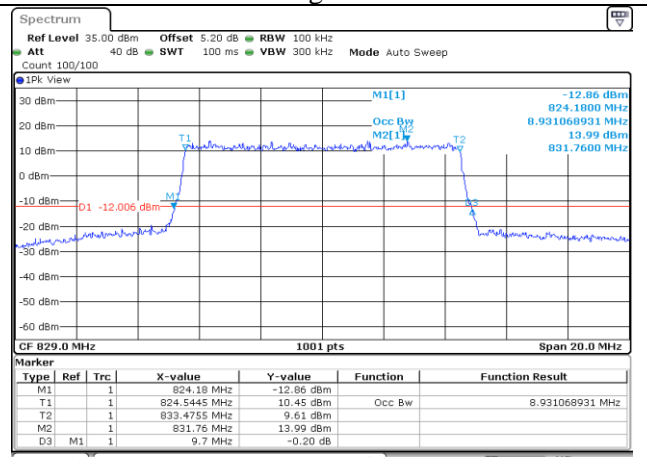


Fig.40

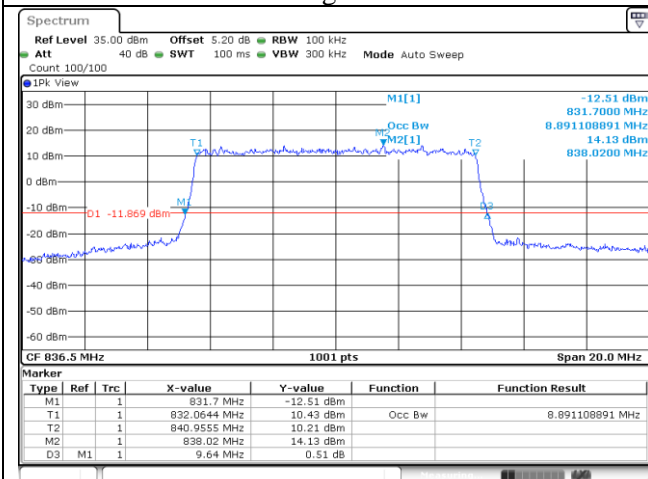


Fig.41

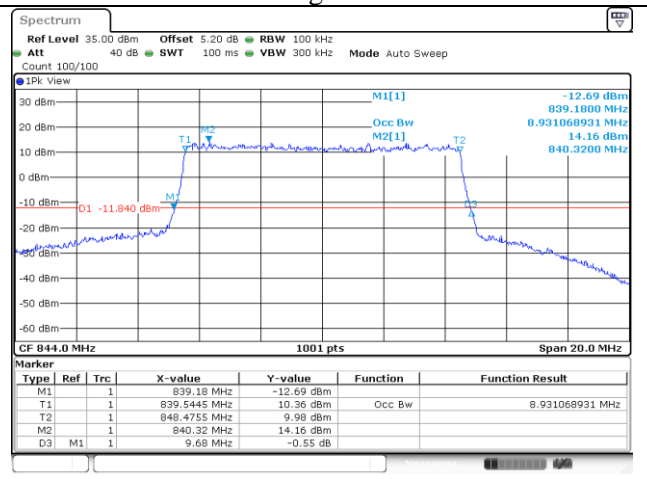


Fig.42

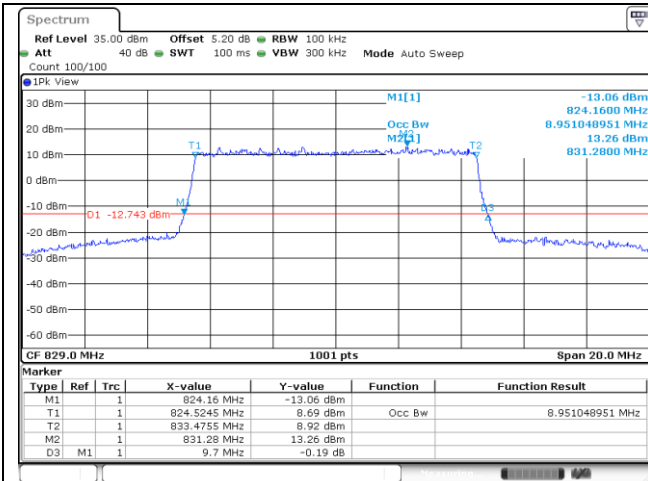


Fig.43

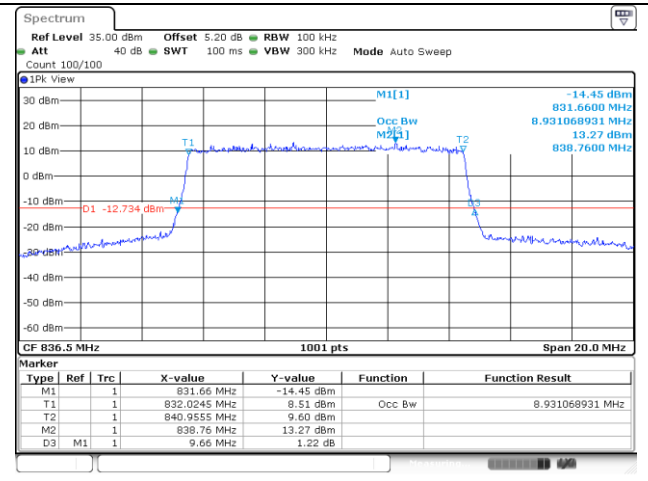


Fig.44

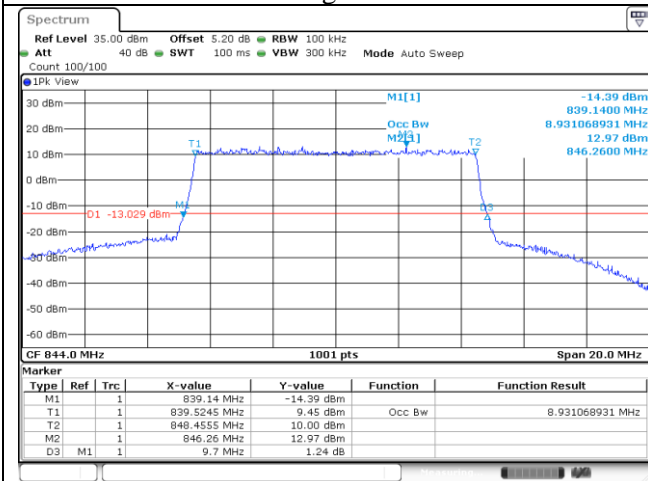


Fig.45

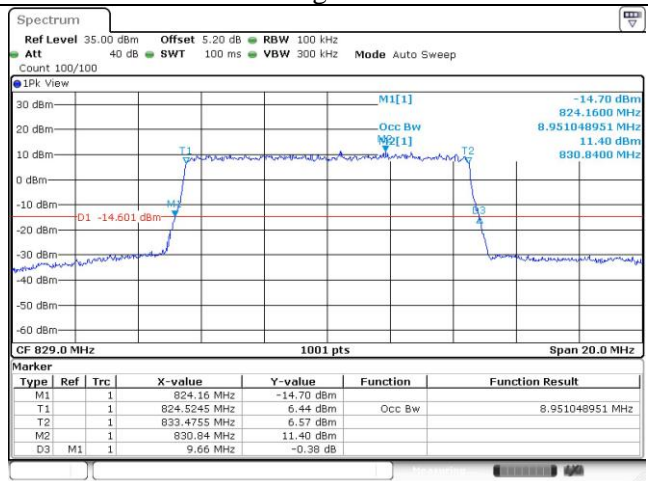


Fig.46

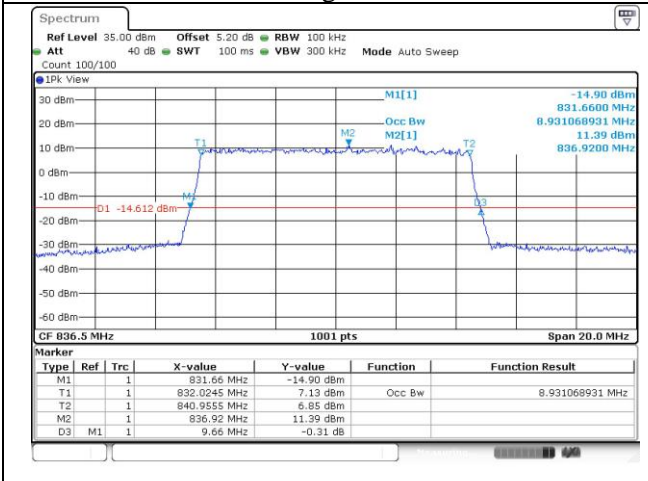


Fig.47

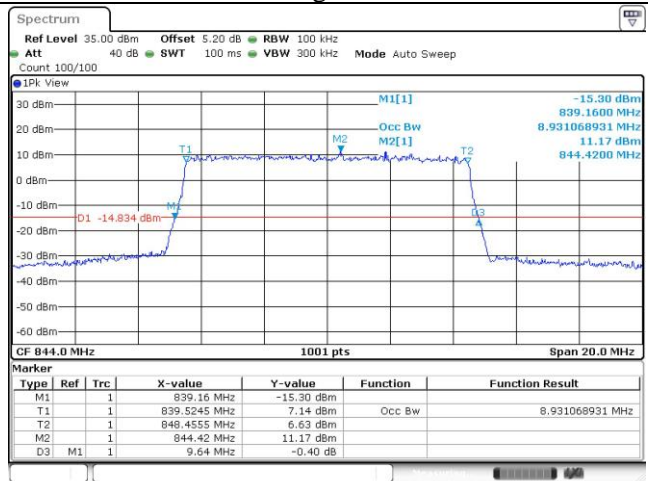


Fig.48

#### 4 Peak-Average Ratio

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	QPSK	16-QAM	64-QAM	256-QAM
5	829	20450	10MHz	50	0	Fig.1	Fig.4	Fig.7	Fig.10
	836.5	20525		50	0	Fig.2	Fig.5	Fig.8	Fig.11
	844	20600		50	0	Fig.3	Fig.6	Fig.9	Fig.12

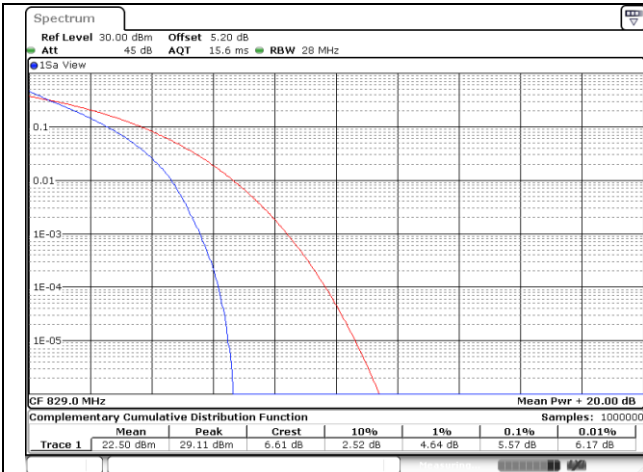


Fig.1

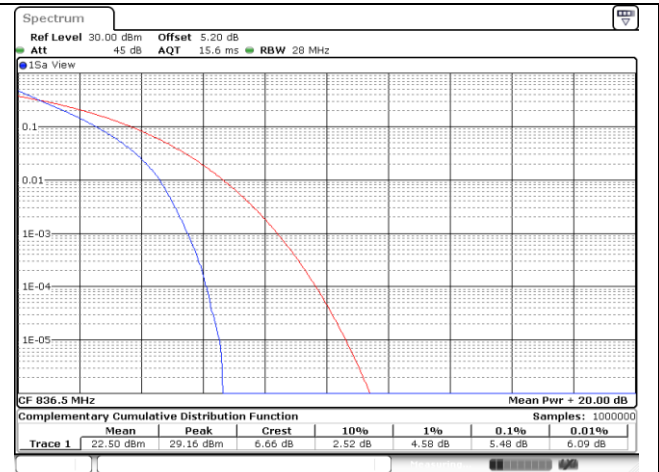


Fig.2

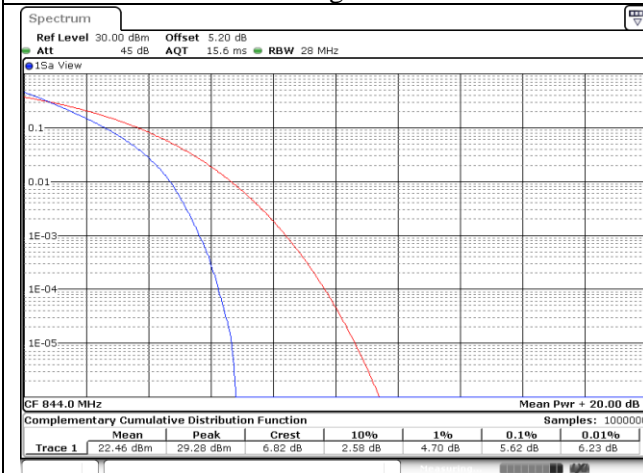


Fig.3

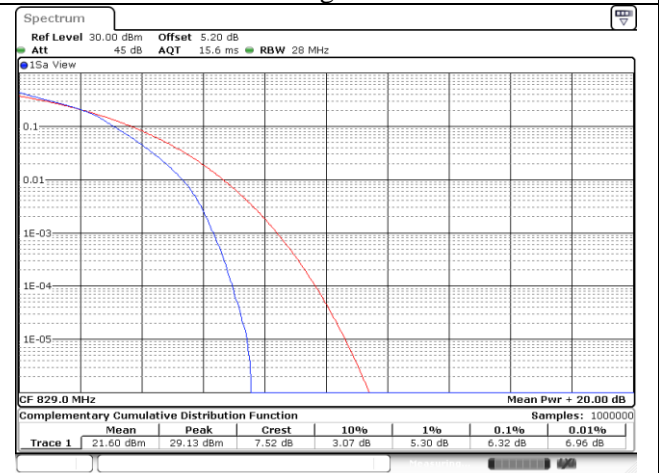


Fig.4

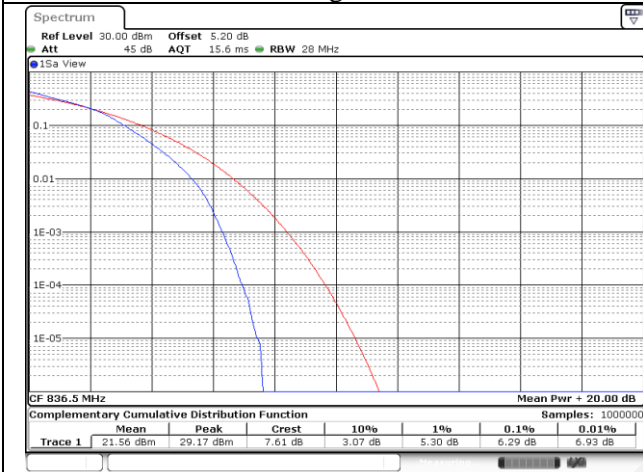


Fig.5

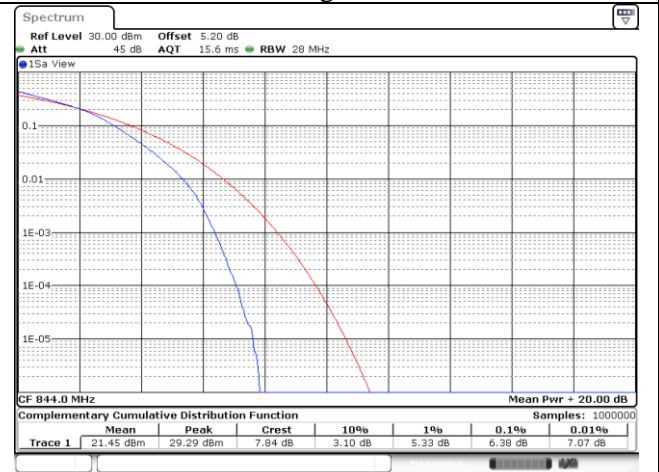


Fig.6



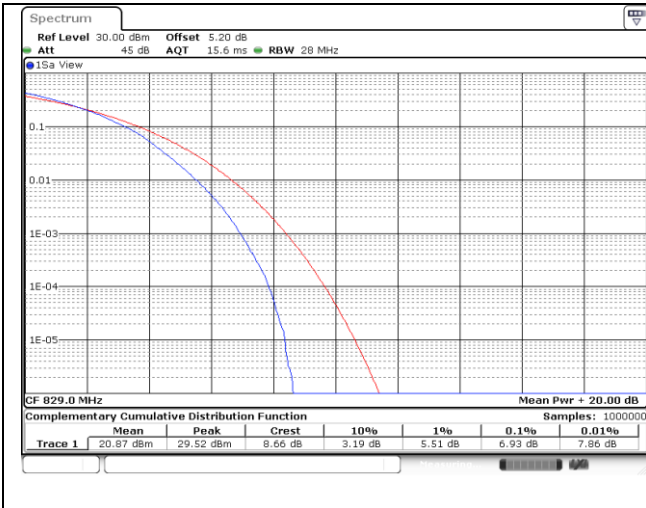


Fig.7

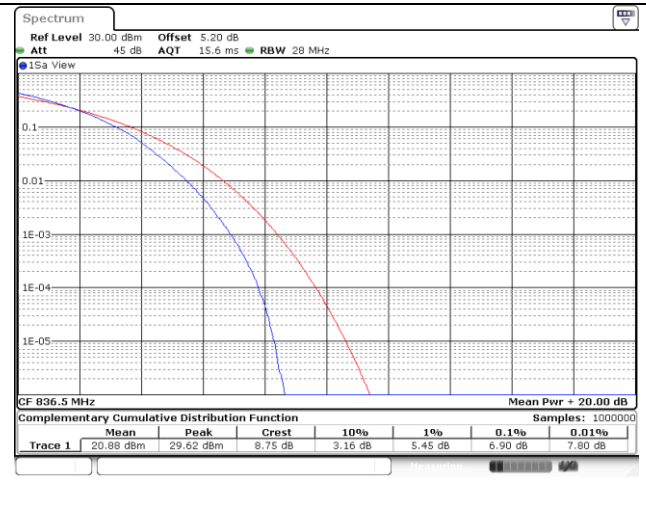


Fig.8

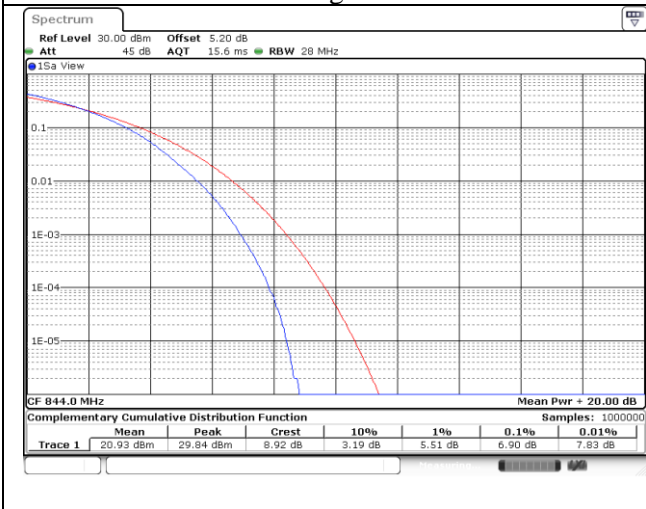


Fig.9

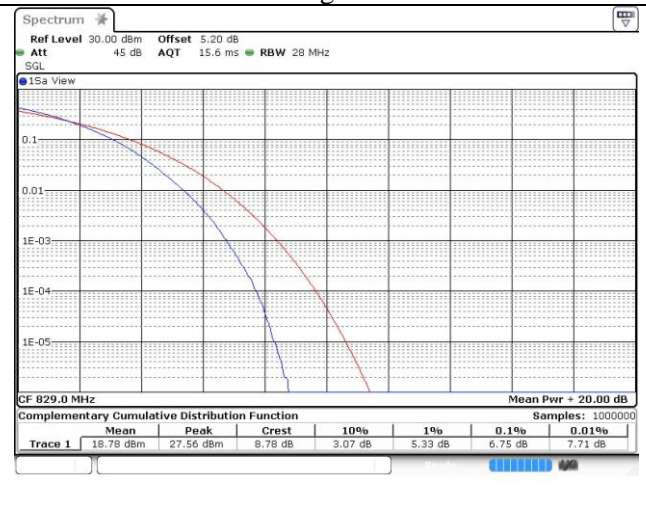


Fig.10

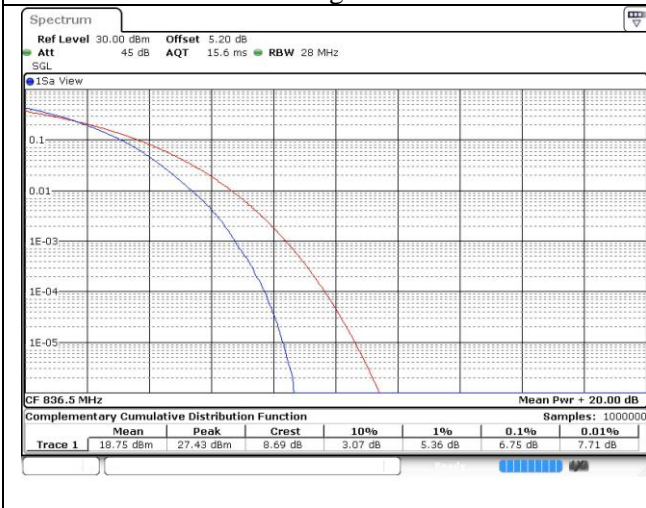


Fig.11

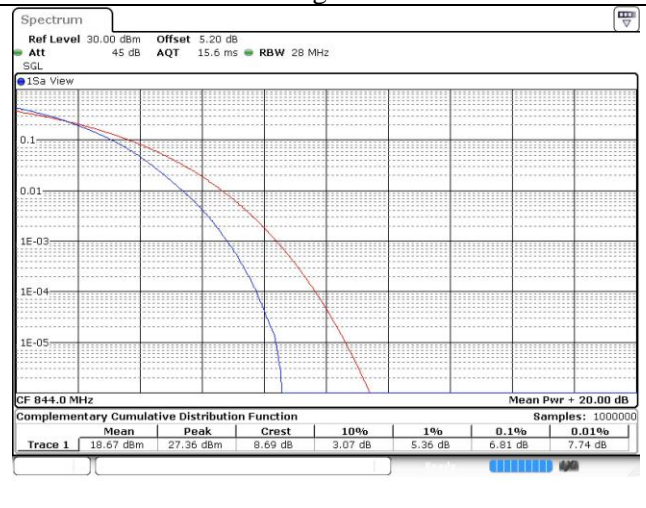


Fig.12

### 5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
5	829	20450	10	1	0	Fig.1~ Fig.2
	836.5	20525		1	0	Fig.3~ Fig.4
	844	20600		1	0	Fig.5~ Fig.6

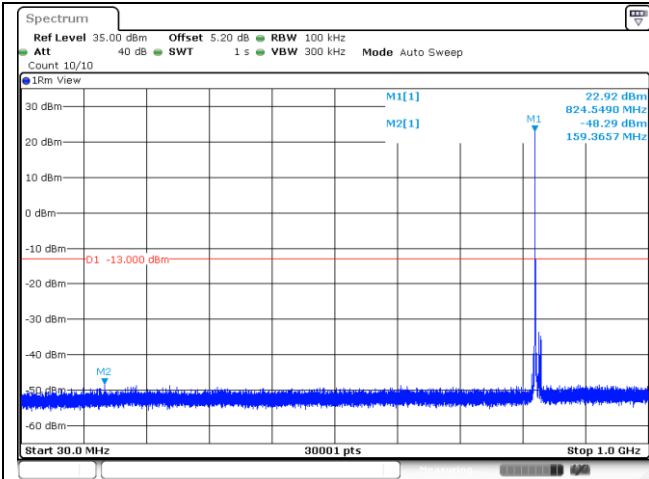


Fig.1

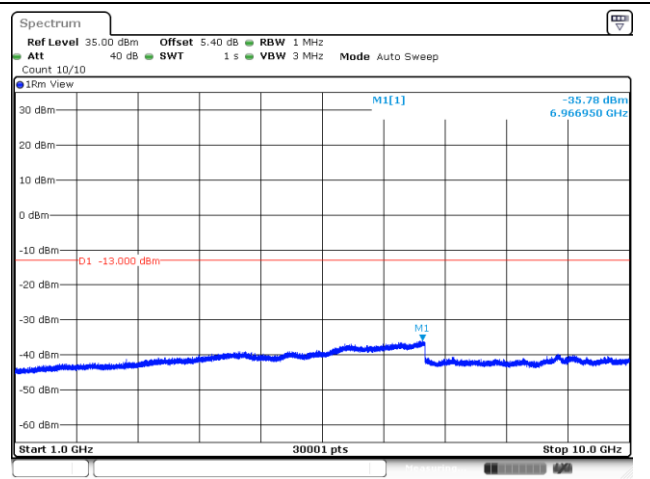


Fig.2

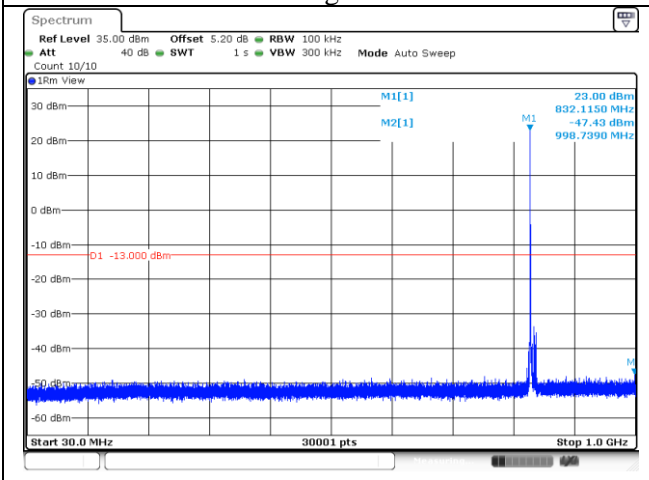


Fig.3

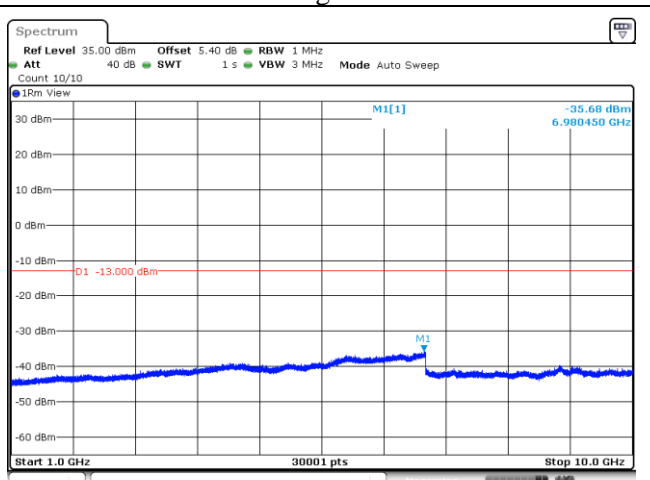


Fig.4

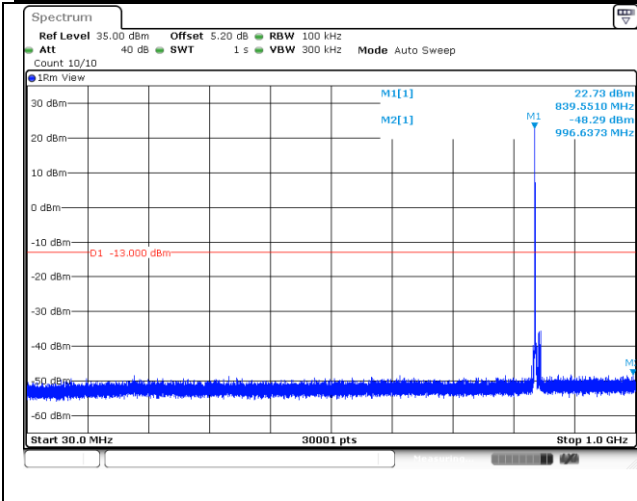


Fig.5

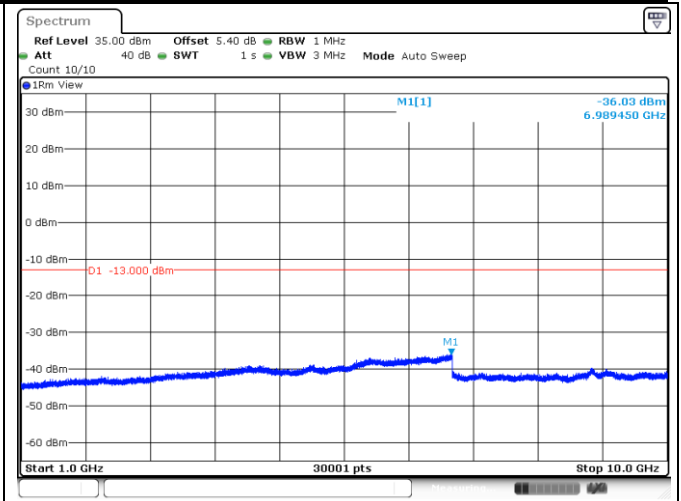


Fig.6

**6 Band Edges Compliance**

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
						QPSK
5	824.7	20407	1.4	1	0	Fig.1
				6	0	Fig.2
	848.3	20643		1	5	Fig.3
				6	0	Fig.4
	825.5	20415	3	1	0	Fig.5
				15	0	Fig.6
				1	14	Fig.7
	847.5	20635		15	0	Fig.8
				1	0	Fig.9
	826.5	20425		5	25	0
			1		24	Fig.11
			25		0	Fig.12
	846.5	20625	1		0	Fig.13
			50		0	Fig.14
	829	20450	10		1	49
				50	0	Fig.16
844	20600	1		0	Fig.13	
		50		0	Fig.14	



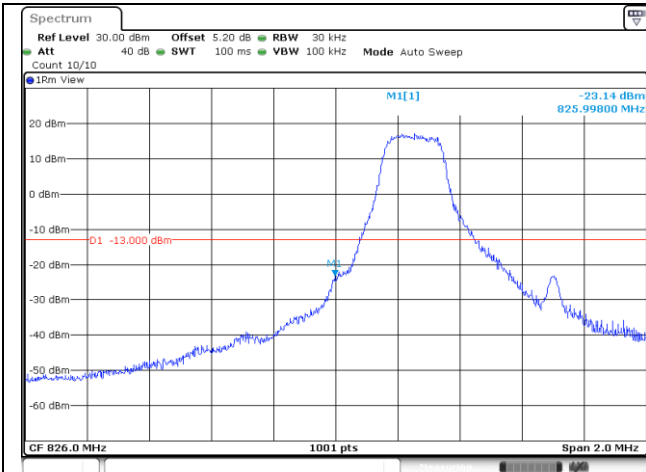


Fig.1

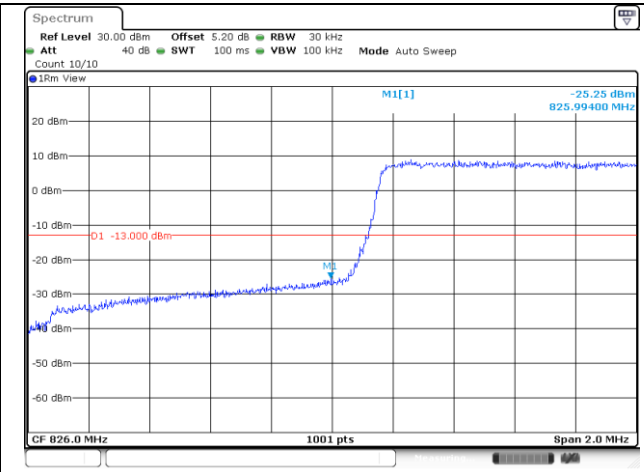


Fig.2

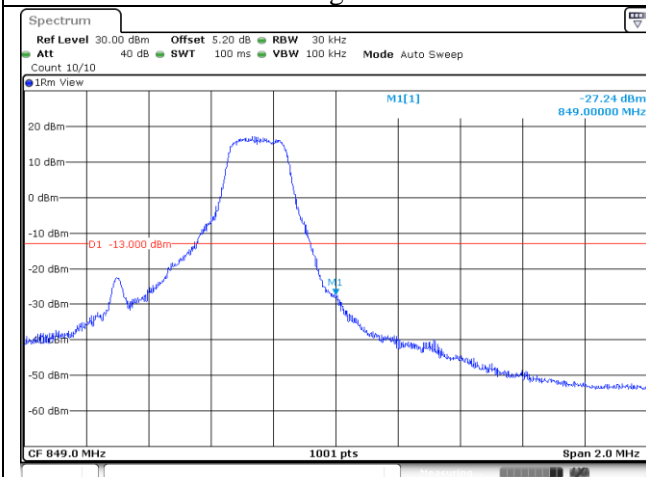


Fig.3

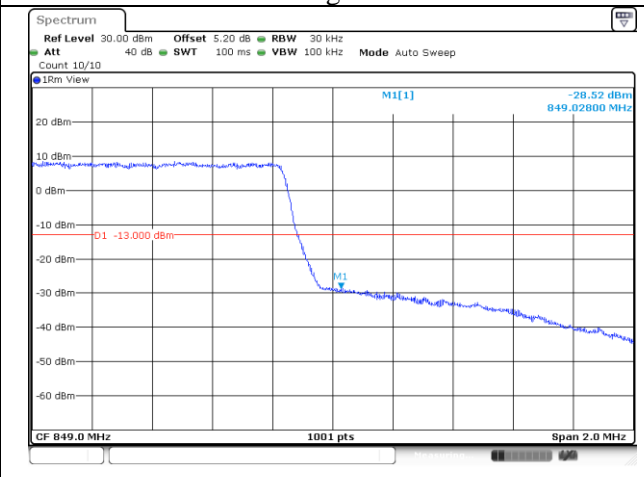


Fig.4

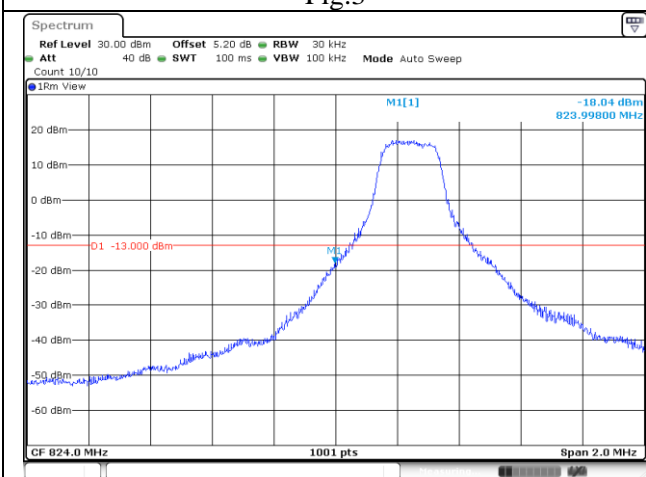


Fig.5

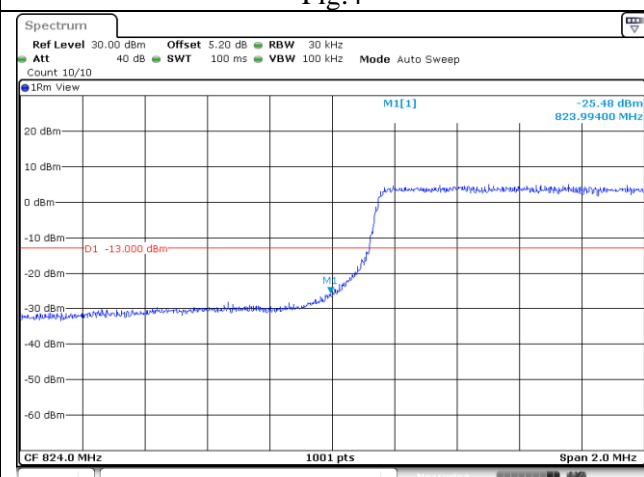


Fig.6

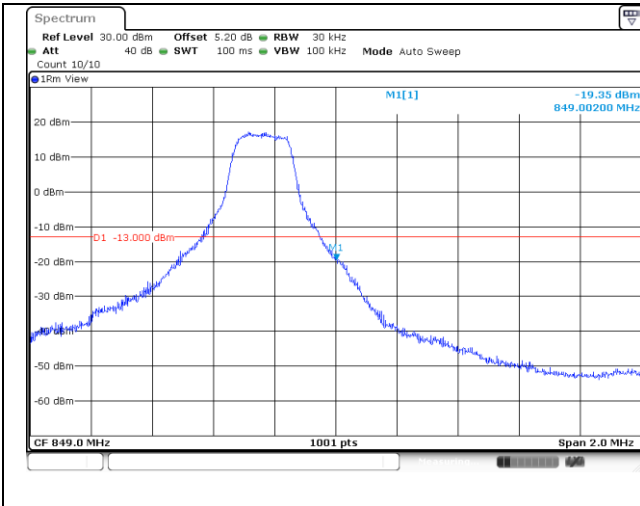


Fig.7

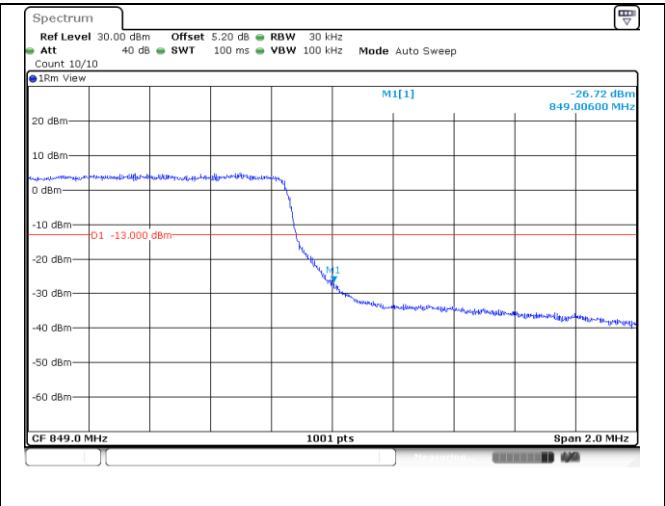


Fig.8

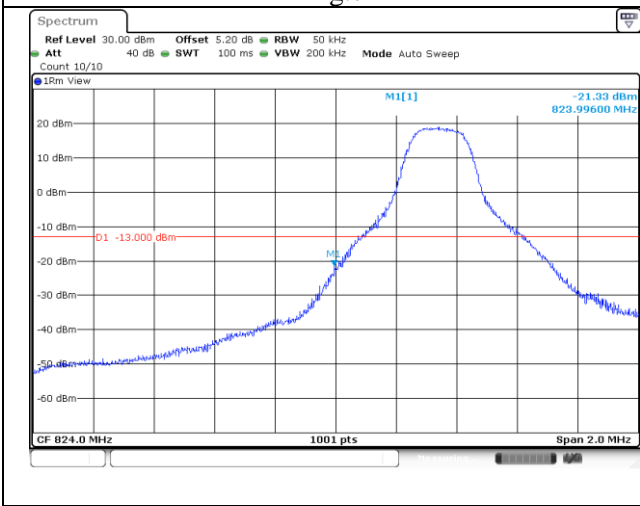


Fig.9

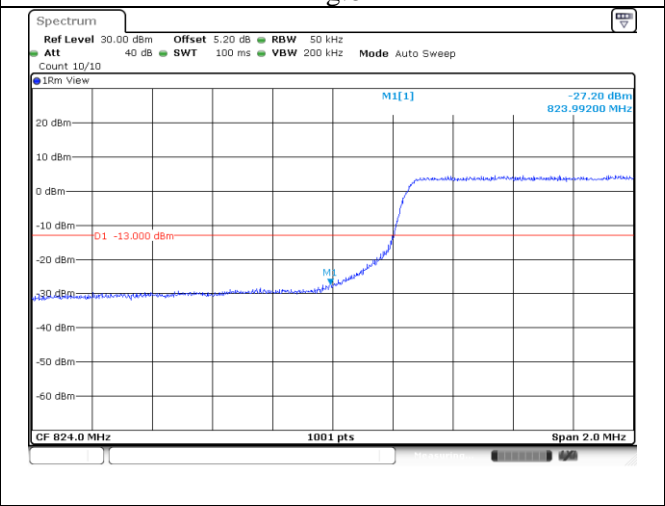


Fig.10

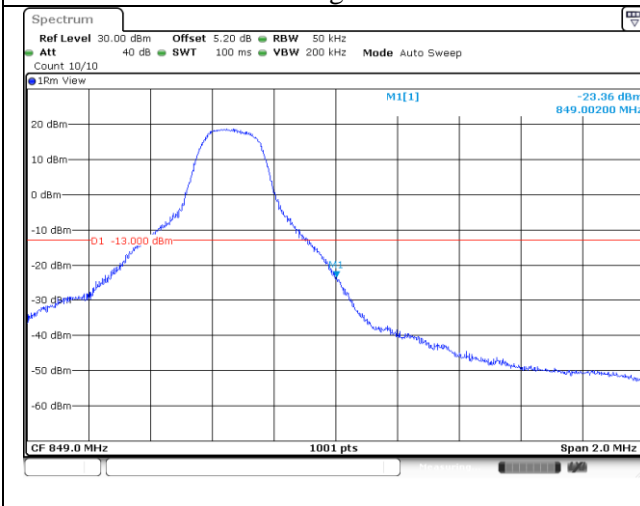


Fig.11

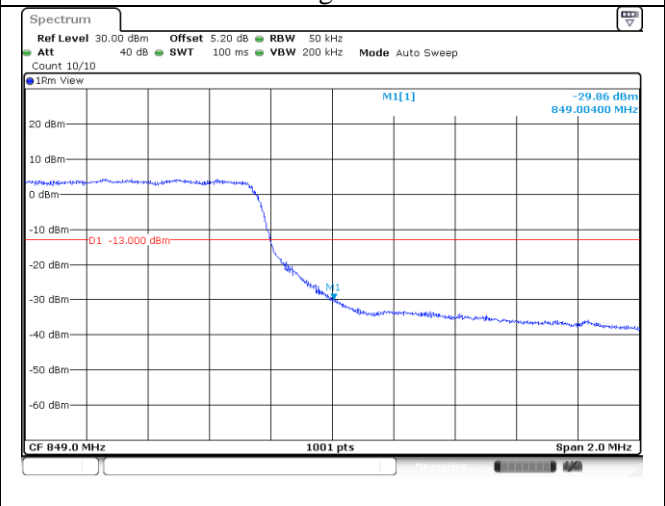


Fig.12

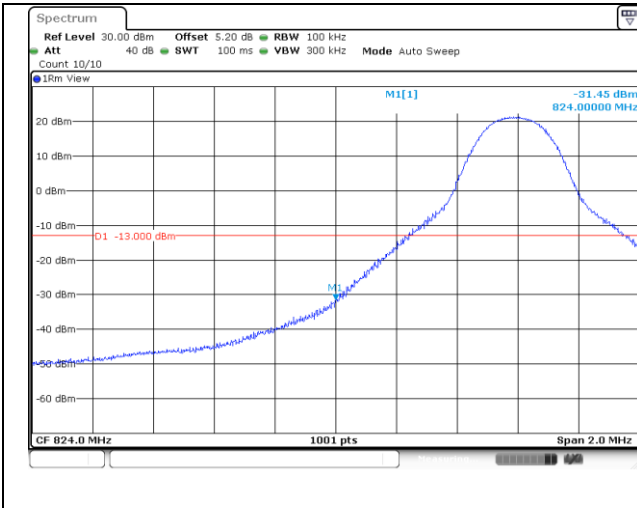


Fig.13

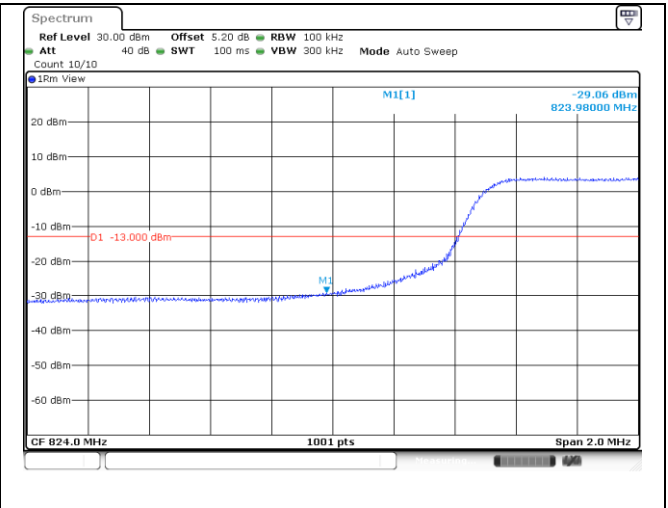


Fig.14

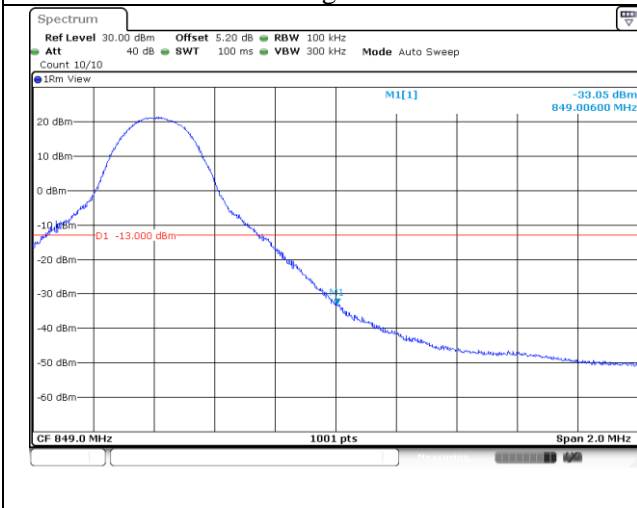


Fig.15

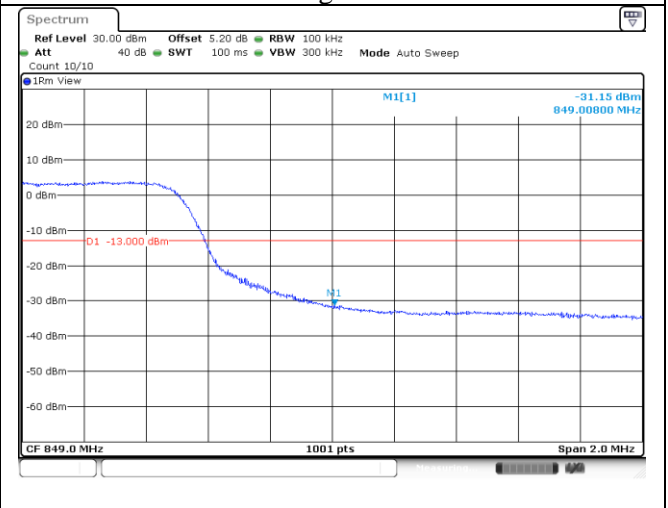


Fig.16

## 7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band5 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-30	NV	---	---	---	0.005549	---	---
-20	NV	---	---	---	0.005549	---	---
-10	NV	---	---	---	0.002654	---	---
0	NV	---	---	---	0.003498	---	---
+10	NV	---	---	---	0.007358	---	---
+20	NV	---	---	---	0.006876	---	---
+30	NV	---	---	---	0.007841	---	---
+40	NV	---	---	---	0.010133	---	---
+50	NV	---	---	---	0.004463	---	---
+20	LV	---	---	---	0.005549	---	---
+20	HV	---	---	---	0.005549	---	---

Temperature(°C)	Voltage	Test Result (ppm) Band5 High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-30	NV	---	---	---	0.006043	---	---
-20	NV	---	---	---	0.002251	---	---
-10	NV	---	---	---	0.002014	---	---
0	NV	---	---	---	0.001896	---	---
+10	NV	---	---	---	0.004621	---	---
+20	NV	---	---	---	0.003199	---	---
+30	NV	---	---	---	0.003910	---	---
+40	NV	---	---	---	0.005095	---	---
+50	NV	---	---	---	0.002725	---	---
+20	LV	---	---	---	0.006043	---	---
+20	HV	---	---	---	0.002251	---	---

**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	824.7	20407	1.4	1	0	22.72	17.07	0.051
				1	2	22.69	17.04	0.051
				1	5	22.72	17.07	0.051
				3	0	22.74	17.09	0.051
				3	1	22.79	17.14	0.052
				3	3	22.72	17.07	0.051
				6	0	21.75	16.10	0.041
	836.5	20525		1	0	22.69	17.04	0.051
				1	2	22.58	16.93	0.049
				1	5	22.46	16.81	0.048
				3	0	22.71	17.06	0.051
				3	1	22.65	17.00	0.050
				3	3	22.72	17.07	0.051
				6	0	21.78	16.13	0.041
	848.3	20643		1	0	22.42	16.77	0.048
				1	2	22.72	17.07	0.051
				1	5	22.64	16.99	0.050
				3	0	22.60	16.95	0.050
				3	1	22.67	17.02	0.050
				3	3	22.58	16.93	0.049
				6	0	21.69	16.04	0.040
16QAM	824.7	20407	1	0	21.87	16.22	0.042	
			1	2	22.17	16.52	0.045	
			1	5	22.00	16.35	0.043	
			3	0	21.84	16.19	0.042	
			3	1	21.82	16.17	0.041	
			3	3	21.87	16.22	0.042	
			6	0	20.88	15.23	0.033	
	836.5	20525	1	0	22.30	16.65	0.046	
			1	2	21.88	16.23	0.042	
			1	5	22.15	16.50	0.045	
			3	0	21.95	16.30	0.043	
			3	1	21.92	16.27	0.042	
			3	3	21.85	16.20	0.042	
			6	0	20.67	15.02	0.032	
	848.3	20643	1	0	21.79	16.14	0.041	
			1	2	21.58	15.93	0.039	
			1	5	21.62	15.97	0.040	
			3	0	21.81	16.16	0.041	
			3	1	21.80	16.15	0.041	
			3	3	21.59	15.94	0.039	
			6	0	20.83	15.18	0.033	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
64QAM	824.7	20407	1.4	1	0	20.62	14.97	0.031
				1	2	20.67	15.02	0.032
				1	5	20.68	15.03	0.032
				3	0	20.70	15.05	0.032
				3	1	20.76	15.11	0.032
				3	3	20.69	15.04	0.032
				6	0	19.65	14.00	0.025
	836.5	20525		1	0	20.59	14.94	0.031
				1	2	20.48	14.83	0.030
				1	5	20.39	14.74	0.030
				3	0	20.69	15.04	0.032
				3	1	20.60	14.95	0.031
				3	3	20.63	14.98	0.031
				6	0	19.68	14.03	0.025
	848.3	20643		1	0	20.33	14.68	0.029
				1	2	20.63	14.98	0.031
				1	5	20.55	14.90	0.031
				3	0	20.56	14.91	0.031
				3	1	20.57	14.92	0.031
				3	3	20.55	14.90	0.031
				6	0	19.63	13.98	0.025
256QAM	824.7	20407	1	0	17.77	12.12	0.016	
			1	2	18.12	12.47	0.018	
			1	5	17.94	12.29	0.017	
			3	0	17.76	12.11	0.016	
			3	1	17.72	12.07	0.016	
			3	3	17.78	12.13	0.016	
			6	0	17.78	12.13	0.016	
	836.5	20525	1	0	18.28	12.63	0.018	
			1	2	17.85	12.20	0.017	
			1	5	18.07	12.42	0.017	
			3	0	17.86	12.21	0.017	
			3	1	17.87	12.22	0.017	
			3	3	17.79	12.14	0.016	
			6	0	17.63	11.98	0.016	
	848.3	20643	1	0	17.76	12.11	0.016	
			1	2	17.52	11.87	0.015	
			1	5	17.54	11.89	0.015	
			3	0	17.78	12.13	0.016	
			3	1	17.71	12.06	0.016	
			3	3	17.54	11.89	0.015	
			6	0	17.79	12.14	0.016	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	825.5	20415	3	1	0	22.75	17.10	0.051
				1	8	22.70	17.05	0.051
				1	14	22.62	16.97	0.050
				8	0	21.70	16.05	0.040
				8	4	21.89	16.24	0.042
				8	7	21.79	16.14	0.041
	836.5	20525		15	0	21.76	16.11	0.041
				1	0	22.79	17.14	0.052
				1	8	22.61	16.96	0.050
				1	14	22.64	16.99	0.050
				8	0	21.75	16.10	0.041
				8	4	21.78	16.13	0.041
	847.5	20635		8	7	21.83	16.18	0.041
				15	0	21.80	16.15	0.041
				1	0	22.58	16.93	0.049
				1	8	22.63	16.98	0.050
				1	14	22.77	17.12	0.052
				8	0	21.75	16.10	0.041
16QAM	825.5	20415	8	4	21.57	15.92	0.039	
			8	7	21.72	16.07	0.040	
			15	0	21.79	16.14	0.041	
			1	0	22.35	16.70	0.047	
			1	8	22.17	16.52	0.045	
			1	14	22.03	16.38	0.043	
	836.5	20525	8	0	21.06	15.41	0.035	
			8	4	20.89	15.24	0.033	
			8	7	21.05	15.40	0.035	
			15	0	20.87	15.22	0.033	
			1	0	22.04	16.39	0.044	
			1	8	22.13	16.48	0.044	
	847.5	20635	1	14	21.75	16.10	0.041	
			8	0	20.84	15.19	0.033	
			8	4	20.79	15.14	0.033	
			8	7	20.89	15.24	0.033	
			15	0	20.72	15.07	0.032	
			1	0	22.14	16.49	0.045	
			1	8	21.48	15.83	0.038	
			1	14	22.12	16.47	0.044	
			8	0	20.82	15.17	0.033	
			8	4	20.77	15.12	0.033	
			8	7	20.67	15.02	0.032	
			15	0	20.85	15.20	0.033	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
64QAM	825.5	20415	3	1	0	20.71	15.06	0.032
				1	8	20.67	15.02	0.032
				1	14	20.52	14.87	0.031
				8	0	19.62	13.97	0.025
				8	4	19.83	14.18	0.026
				8	7	19.69	14.04	0.025
				15	0	19.73	14.08	0.026
	836.5	20525		1	0	20.73	15.08	0.032
				1	8	20.54	14.89	0.031
				1	14	20.60	14.95	0.031
				8	0	19.73	14.08	0.026
				8	4	19.73	14.08	0.026
				8	7	19.73	14.08	0.026
				15	0	19.76	14.11	0.026
	847.5	20635		1	0	20.50	14.85	0.031
				1	8	20.56	14.91	0.031
				1	14	20.70	15.05	0.032
				8	0	19.65	14.00	0.025
				8	4	19.52	13.87	0.024
				8	7	19.64	13.99	0.025
				15	0	19.70	14.05	0.025
256QAM	825.5	20415	1	0	18.30	12.65	0.018	
			1	8	18.11	12.46	0.018	
			1	14	17.93	12.28	0.017	
			8	0	18.00	12.35	0.017	
			8	4	17.81	12.16	0.016	
			8	7	17.98	12.33	0.017	
			15	0	17.77	12.12	0.016	
	836.5	20525	1	0	18.02	12.37	0.017	
			1	8	18.06	12.41	0.017	
			1	14	17.73	12.08	0.016	
			8	0	17.82	12.17	0.016	
			8	4	17.70	12.05	0.016	
			8	7	17.85	12.20	0.017	
			15	0	17.65	12.00	0.016	
	847.5	20635	1	0	18.11	12.46	0.018	
			1	8	17.46	11.81	0.015	
			1	14	18.09	12.44	0.018	
			8	0	17.72	12.07	0.016	
			8	4	17.73	12.08	0.016	
			8	7	17.62	11.97	0.016	
			15	0	17.80	12.15	0.016	



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
QPSK	826.5	20425	5	1	0	22.85	17.20	0.052
				1	12	22.91	17.26	0.053
				1	24	22.57	16.92	0.049
				12	0	21.80	16.15	0.041
				12	6	21.82	16.17	0.041
				12	13	21.69	16.04	0.040
				25	0	21.83	16.18	0.041
	836.5	20525		1	0	22.75	17.10	0.051
				1	12	22.70	17.05	0.051
				1	24	22.55	16.90	0.049
				12	0	21.80	16.15	0.041
				12	6	21.78	16.13	0.041
				12	13	21.78	16.13	0.041
				25	0	21.71	16.06	0.040
	846.5	20625		1	0	22.83	17.18	0.052
				1	12	22.78	17.13	0.052
				1	24	22.67	17.02	0.050
				12	0	21.71	16.06	0.040
				12	6	21.70	16.05	0.040
				12	13	21.80	16.15	0.041
				25	0	21.64	15.99	0.040
16QAM	826.5	20425	1	0	21.83	16.18	0.041	
			1	12	22.13	16.48	0.044	
			1	24	22.00	16.35	0.043	
			12	0	21.01	15.36	0.034	
			12	6	20.84	15.19	0.033	
			12	13	20.90	15.25	0.033	
			25	0	20.90	15.25	0.033	
	836.5	20525	1	0	22.02	16.37	0.043	
			1	12	22.59	16.94	0.049	
			1	24	22.21	16.56	0.045	
			12	0	20.69	15.04	0.032	
			12	6	20.93	15.28	0.034	
			12	13	20.68	15.03	0.032	
			25	0	20.71	15.06	0.032	
	846.5	20625	1	0	21.95	16.30	0.043	
			1	12	22.10	16.45	0.044	
			1	24	22.23	16.58	0.045	
			12	0	20.76	15.11	0.032	
			12	6	20.80	15.15	0.033	
			12	13	20.81	15.16	0.033	
			25	0	20.71	15.06	0.032	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)	
64QAM	826.5	20425	5	1	0	20.82	15.17	0.033	
				1	12	20.82	15.17	0.033	
				1	24	20.48	14.83	0.030	
				12	0	19.77	14.12	0.026	
				12	6	19.74	14.09	0.026	
				12	13	19.63	13.98	0.025	
				25	0	19.81	14.16	0.026	
	836.5	20525		1	0	20.73	15.08	0.032	
				1	12	20.68	15.03	0.032	
				1	24	20.46	14.81	0.030	
				12	0	19.74	14.09	0.026	
				12	6	19.71	14.06	0.025	
				12	13	19.68	14.03	0.025	
				25	0	19.69	14.04	0.025	
	846.5	20625		1	0	20.76	15.11	0.032	
				1	12	20.68	15.03	0.032	
				1	24	20.63	14.98	0.031	
				12	0	19.69	14.04	0.025	
				12	6	19.60	13.95	0.025	
				12	13	19.73	14.08	0.026	
				25	0	19.62	13.97	0.025	
	256QAM	826.5		20425	1	0	17.74	12.09	0.016
					1	12	18.11	12.46	0.018
					1	24	17.95	12.30	0.017
12			0		17.91	12.26	0.017		
12			6		17.74	12.09	0.016		
12			13		17.81	12.16	0.016		
25			0		17.82	12.17	0.016		
836.5		20525	1	0	17.92	12.27	0.017		
			1	12	18.56	12.91	0.020		
			1	24	18.17	12.52	0.018		
			12	0	17.61	11.96	0.016		
			12	6	17.87	12.22	0.017		
			12	13	17.66	12.01	0.016		
			25	0	17.64	11.99	0.016		
846.5		20625	1	0	17.90	12.25	0.017		
			1	12	18.03	12.38	0.017		
			1	24	18.20	12.55	0.018		
			12	0	17.68	12.03	0.016		
			12	6	17.78	12.13	0.016		
			12	13	17.77	12.12	0.016		
			25	0	17.64	11.99	0.016		

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
QPSK	829	20450	10	1	0	22.71	17.06	0.051
				1	24	22.72	17.07	0.051
				1	49	22.63	16.98	0.050
				25	0	21.74	16.09	0.041
				25	12	21.79	16.14	0.041
				25	25	21.74	16.09	0.041
				50	0	21.76	16.11	0.041
	836.5	20525		1	0	22.72	17.07	0.051
				1	24	22.80	17.15	0.052
				1	49	22.69	17.04	0.051
				25	0	21.82	16.17	0.041
				25	12	21.77	16.12	0.041
				25	25	21.76	16.11	0.041
				50	0	21.77	16.12	0.041
	844	20600		1	0	22.63	16.98	0.050
				1	24	22.65	17.00	0.050
				1	49	22.65	17.00	0.050
				25	0	21.68	16.03	0.040
				25	12	21.78	16.13	0.041
				25	25	21.78	16.13	0.041
				50	0	21.82	16.17	0.041
16QAM	829	20450	1	0	22.15	16.50	0.045	
			1	24	22.25	16.60	0.046	
			1	49	22.33	16.68	0.047	
			25	0	20.79	15.14	0.033	
			25	12	20.82	15.17	0.033	
			25	25	20.81	15.16	0.033	
			50	0	20.92	15.27	0.034	
	836.5	20525	1	0	22.17	16.52	0.045	
			1	24	22.24	16.59	0.046	
			1	49	22.21	16.56	0.045	
			25	0	20.79	15.14	0.033	
			25	12	20.80	15.15	0.033	
			25	25	20.58	14.93	0.031	
			50	0	20.89	15.24	0.033	
	844	20600	1	0	22.51	16.86	0.049	
			1	24	21.98	16.33	0.043	
			1	49	21.53	15.88	0.039	
			25	0	20.73	15.08	0.032	
			25	12	20.85	15.20	0.033	
			25	25	20.59	14.94	0.031	
			50	0	20.68	15.03	0.032	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)	
64QAM	829	20450	10	1	0	20.66	15.01	0.032	
				1	24	20.62	14.97	0.031	
				1	49	20.55	14.90	0.031	
				25	0	19.66	14.01	0.025	
				25	12	19.71	14.06	0.025	
				25	25	19.66	14.01	0.025	
	836.5	20525		50	0	19.71	14.06	0.025	
				1	0	20.70	15.05	0.032	
				1	24	20.78	15.13	0.033	
				1	49	20.65	15.00	0.032	
				25	0	19.78	14.13	0.026	
				25	12	19.72	14.07	0.026	
	844	20600		25	25	19.68	14.03	0.025	
				50	0	19.73	14.08	0.026	
				1	0	20.59	14.94	0.031	
				1	24	20.58	14.93	0.031	
				1	49	20.57	14.92	0.031	
				25	0	19.66	14.01	0.025	
	256QAM	829		20450	25	12	19.72	14.07	0.026
					25	25	19.70	14.05	0.025
					50	0	19.78	14.13	0.026
					1	0	18.12	12.47	0.018
					1	24	18.19	12.54	0.018
					1	49	18.26	12.61	0.018
836.5		20525	25	0	17.72	12.07	0.016		
			25	12	17.72	12.07	0.016		
			25	25	17.76	12.11	0.016		
			50	0	17.83	12.18	0.017		
			1	0	18.11	12.46	0.018		
			1	24	18.2	12.55	0.018		
844		20600	1	49	18.11	12.46	0.018		
			25	0	17.7	12.05	0.016		
			25	12	17.78	12.13	0.016		
			25	25	17.5	11.85	0.015		
			50	0	17.82	12.17	0.016		
			1	0	18.49	12.84	0.019		
				1	24	17.94	12.29	0.017	
				1	49	17.49	11.84	0.015	
				25	0	17.64	11.99	0.016	
				25	12	17.76	12.11	0.016	
				25	25	17.54	11.89	0.015	
				50	0	17.65	12.00	0.016	

**Test on the worst case:**

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
Band5	5MHz	QPSK	20425	1RB#0	22.61	16.96	0.050
				1RB#12	22.72	17.07	0.051
				1RB#24	22.32	16.67	0.046

-----END-----