

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 26(824-849)

1 RF Power Output

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	824.7	26797	1.4	1	0	23.32
				1	3	23.29
				1	5	23.37
				3	0	22.77
				3	1	22.75
				3	3	22.74
	836.5	26915		6	0	21.75
				1	0	23.41
				1	3	23.46
				1	5	23.50
				3	0	22.95
				3	1	22.92
	848.3	27033		3	3	22.92
				6	0	22.36
				1	0	23.47
				1	3	23.57
				1	5	23.45
				3	0	22.93
16QAM	824.7	26797	3	1	22.92	
			3	3	23.06	
			6	0	22.01	
			1	0	21.88	
			1	3	21.88	
			1	5	22.31	
	836.5	26915	3	0	21.51	
			3	1	21.45	
			3	3	21.53	
			6	0	21.10	
			1	0	22.80	
			1	3	23.54	
	848.3	27033	1	5	23.53	
			3	0	22.21	
			3	1	22.27	
			3	3	22.20	
			6	0	21.34	
			1	0	23.28	
			1	3	23.24	
			1	5	23.24	
			3	0	21.75	
			3	1	21.89	
			3	3	21.89	
			6	0	20.92	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	824.7	26797	1.4	1	0	21.21
				1	3	21.41
				1	5	21.35
				3	0	21.29
				3	1	21.23
				3	3	21.28
	6	0		21.19		
	836.5	26915		1	0	21.34
				1	3	21.33
				1	5	21.28
				3	0	21.23
				3	1	21.38
				3	3	21.32
	6	0		21.34		
	848.3	27033		1	0	20.93
				1	3	20.87
				1	5	20.98
				3	0	21.16
3			1	21.11		
3			3	21.19		
6	0	21.08				

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	825.5	26805	3	1	0	23.22
				1	8	23.17
				1	14	23.25
				8	0	21.81
				8	4	21.79
				8	7	21.80
	15	0		21.67		
	836.5	26915		1	0	23.44
				1	8	23.41
				1	14	23.40
				8	0	21.84
				8	4	22.36
				8	7	22.36
	847.5	27025		15	0	22.40
				1	0	23.54
1			8	23.49		
1			14	23.46		
8			0	22.08		
8			4	21.97		
16QAM	825.5	26805	8	7	21.97	
			15	0	22.08	
			1	0	22.30	
			1	8	22.41	
			1	14	22.66	
			8	0	21.51	
	836.5	26915	8	4	21.50	
			8	7	21.50	
			15	0	21.24	
			1	0	22.90	
			1	8	23.52	
			1	14	23.51	
	847.5	27025	8	0	21.37	
			8	4	21.48	
			8	7	21.48	
15			0	21.42		
1			0	22.13		
1			8	22.05		
			1	14	22.20	
			8	0	21.61	
			8	4	21.14	
			8	7	21.14	
			15	0	21.46	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	825.5	26805	3	1	0	21.24
				1	8	21.21
				1	14	21.43
				8	0	21.26
				8	4	21.21
				8	7	21.28
				15	0	21.17
	836.5	26915		1	0	21.47
				1	8	21.32
				1	14	21.31
				8	0	21.35
				8	4	21.46
				8	7	21.41
				15	0	21.40
	847.5	27025		1	0	21.28
				1	8	21.34
				1	14	21.42
				8	0	21.19
				8	4	21.40
				8	7	21.32
				15	0	21.43

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	826.5	26815	5	1	0	23.17
				1	12	23.32
				1	24	23.31
				12	0	21.69
				12	7	21.77
				12	13	21.78
	836.5	26915		25	0	21.81
				1	0	23.29
				1	12	23.48
				1	24	23.47
				12	0	21.89
				12	7	22.32
	846.5	27015		12	13	22.32
				25	0	22.39
				1	0	23.50
				1	12	23.45
				1	24	23.42
				12	0	22.06
16QAM	826.5	26815	12	7	22.05	
			12	13	22.04	
			25	0	22.02	
			1	0	21.48	
			1	12	21.70	
			1	24	21.71	
	836.5	26915	12	0	21.19	
			12	7	21.35	
			12	13	21.51	
			25	0	21.21	
			1	0	22.31	
			1	12	22.51	
	846.5	27015	1	24	22.50	
			12	0	21.34	
			12	7	21.42	
			12	13	21.42	
			25	0	21.42	
			1	0	22.11	
			1	12	22.10	
			1	24	22.09	
			12	0	21.39	
			12	7	21.40	
			12	13	21.39	
			25	0	21.43	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	826.5	26815	5	1	0	21.17
				1	12	21.27
				1	24	21.23
				12	0	21.15
				12	7	21.35
				12	13	21.22
				25	0	21.28
	836.5	26915		1	0	21.42
				1	12	21.46
				1	24	21.38
				12	0	21.41
				12	7	21.35
				12	13	21.28
				25	0	21.24
	846.5	27015		1	0	21.41
				1	12	21.43
				1	24	21.48
				12	0	21.34
				12	7	21.59
				12	13	21.51
				25	0	21.48

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	829	26840	10	1	0	23.24
				1	25	23.31
				1	49	23.30
				25	0	22.29
				25	12	22.41
				25	25	22.40
	836.5	26915		50	0	22.35
				1	0	23.26
				1	25	23.56
				1	49	23.54
				25	0	22.30
				25	12	22.45
	844	26990		25	25	22.45
				50	0	22.87
				1	0	23.43
				1	25	23.42
				1	49	23.39
				25	0	22.37
16QAM	829	26840	25	12	22.47	
			25	25	22.46	
			50	0	22.41	
			1	0	22.38	
			1	25	22.42	
			1	49	22.42	
	836.5	26915	25	0	21.76	
			25	12	21.86	
			25	25	21.86	
			50	0	21.63	
			1	0	22.46	
			1	25	22.56	
	844	26990	1	49	23.06	
			25	0	21.91	
			25	12	21.29	
			25	25	21.29	
			50	0	21.92	
			1	0	22.20	
			1	25	22.20	
			1	49	22.18	
			25	0	22.11	
			25	12	22.10	
			25	25	22.09	
			50	0	21.96	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	829	26840	10	1	0	21.63
				1	25	21.48
				1	49	21.54
				25	0	21.45
				25	12	21.53
				25	25	21.55
				50	0	21.62
	836.5	26915		1	0	21.87
				1	25	21.92
				1	49	21.94
				25	0	21.85
				25	12	21.96
				25	25	21.90
				50	0	21.94
	844	26990		1	0	21.86
				1	25	21.91
				1	49	21.97
				25	0	21.79
				25	12	21.92
				25	25	21.90
				50	0	21.96

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	831.5	26865	15	1	0	23.19
				1	37	23.33
				1	74	23.32
				36	0	22.45
				36	29	22.20
				36	30	22.20
	836.5	26915		75	0	22.33
				1	0	23.49
				1	37	23.47
				1	74	23.46
				36	0	22.27
				36	29	22.44
	841.5	26965		36	30	22.44
				75	0	22.86
				1	0	23.26
				1	37	23.36
				1	74	23.18
				36	0	22.53
16QAM	831.5	26865	36	29	22.54	
			36	30	22.54	
			75	0	22.32	
			1	0	22.39	
			1	37	22.60	
			1	74	22.38	
	836.5	26915	36	0	21.60	
			36	29	21.82	
			36	30	21.82	
			75	0	21.79	
			1	0	22.62	
			1	37	22.60	
	841.5	26965	1	74	22.99	
			36	0	21.85	
			36	29	21.91	
			36	30	21.91	
			75	0	21.83	
			1	0	22.47	
			1	37	22.55	
			1	74	22.85	
			36	0	21.37	
			36	29	21.92	
			36	30	21.92	
			75	0	21.91	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	831.5	26865	15	1	0	21.79
				1	37	21.84
				1	74	21.88
				36	0	21.94
				36	29	21.82
				36	30	21.79
				75	0	21.95
	836.5	26915		1	0	21.69
				1	37	21.87
				1	74	21.83
				36	0	21.93
				36	29	21.79
				36	30	21.81
				75	0	21.87
	841.5	26965		1	0	21.77
				1	37	21.91
				1	74	21.98
				36	0	21.95
				36	29	21.87
				36	30	21.91
				75	0	21.79

2 Occupied Bandwidth

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)					
						QPSK		16-QAM		64-QAM	
26	824.7	26797	1.4	6	0	1.087	Fig.1	1.091	Fig.2	1.083	Fig.3
	836.5	26915		6	0	1.083	Fig.4	1.087	Fig.5	1.091	Fig.6
	848.3	27033		6	0	1.083	Fig.7	1.083	Fig.8	1.083	Fig.9
	825.5	26805	3	15	0	2.679	Fig.10	2.679	Fig.11	2.688	Fig.12
	836.5	26915		15	0	2.697	Fig.13	2.688	Fig.14	2.679	Fig.15
	847.5	27025		15	0	2.697	Fig.16	2.697	Fig.17	2.688	Fig.18
	826.5	26815	5	25	0	4.466	Fig.19	4.466	Fig.20	4.466	Fig.21
	836.5	26915		25	0	4.466	Fig.22	4.466	Fig.23	4.466	Fig.24
	846.5	27015		25	0	4.481	Fig.25	4.466	Fig.26	4.466	Fig.27
	829	26840	10	50	0	8.931	Fig.28	8.931	Fig.29	8.931	Fig.30
	836.5	26915		50	0	8.944	Fig.31	8.944	Fig.32	8.944	Fig.33
	844	26990		50	0	8.987	Fig.34	8.944	Fig.35	8.987	Fig.36
	831.5	26865	15	75	0	13.397	Fig.37	13.442	Fig.38	13.442	Fig.39
	836.5	26915		75	0	13.397	Fig.40	13.442	Fig.41	13.442	Fig.42
	841.5	26965		75	0	13.442	Fig.43	13.442	Fig.44	13.442	Fig.45

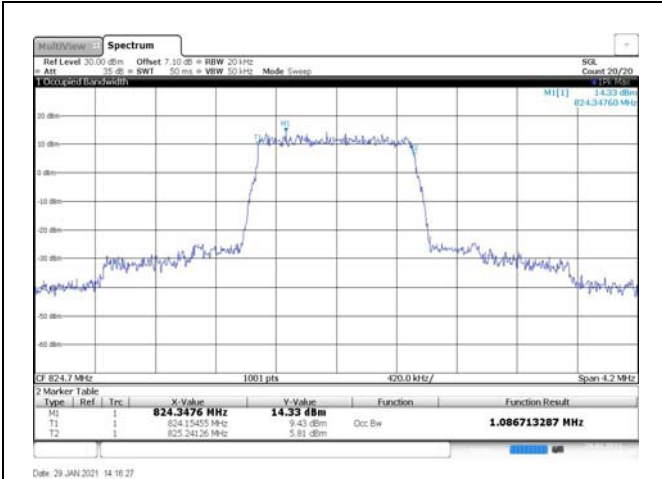


Fig.1

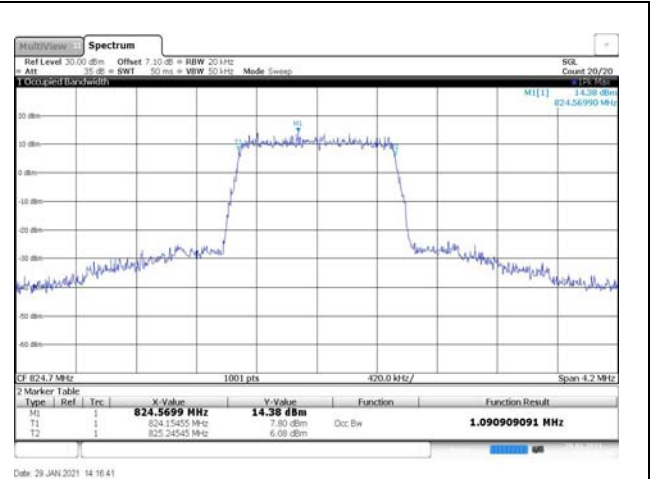


Fig.2

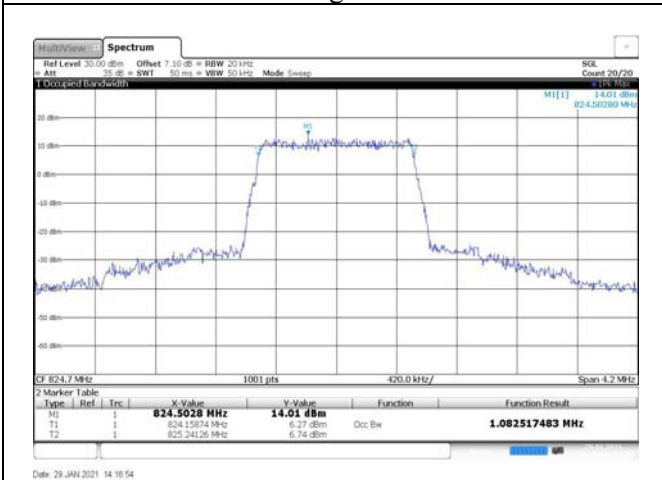


Fig.3

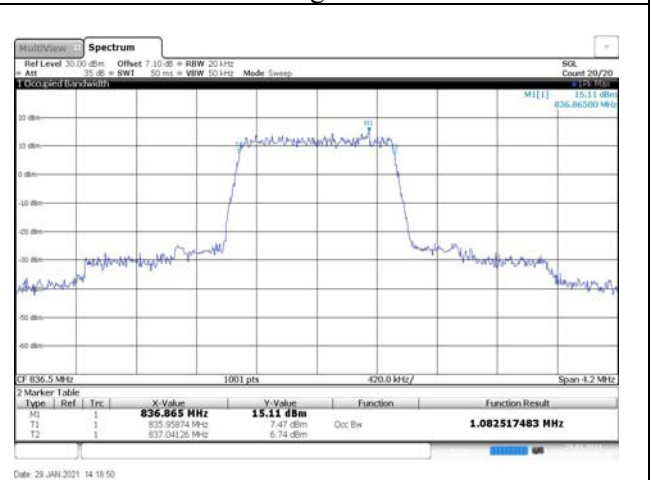


Fig.4

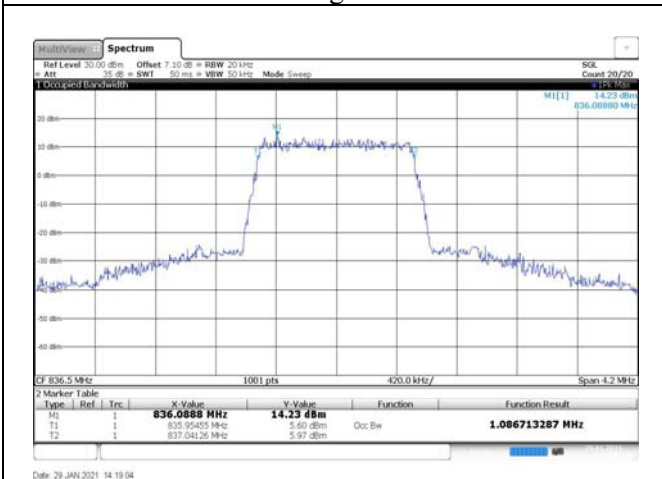


Fig.5

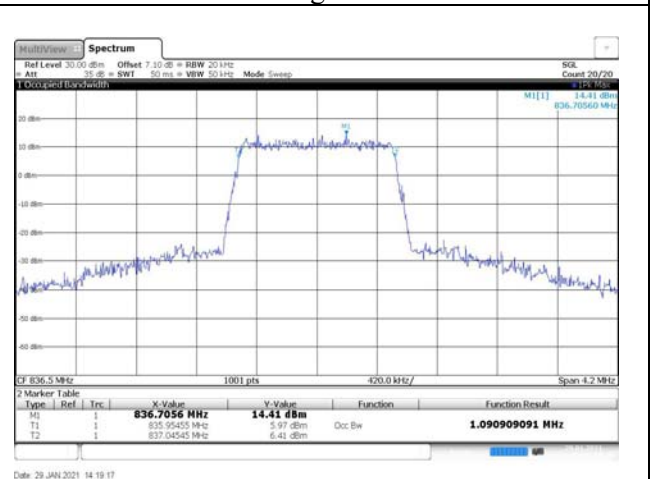


Fig.6

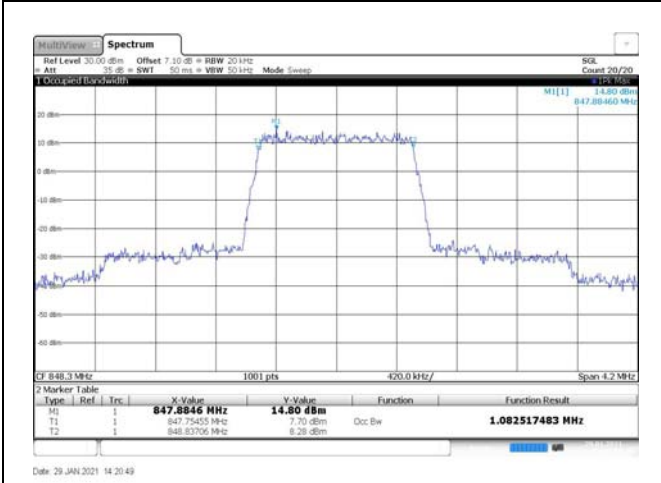


Fig.7

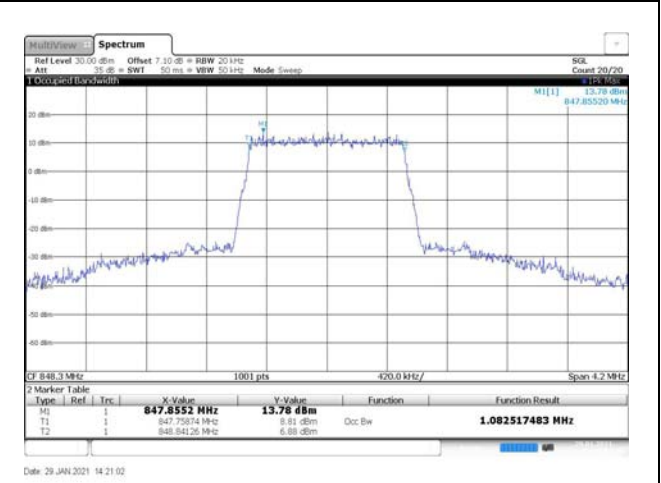


Fig.8

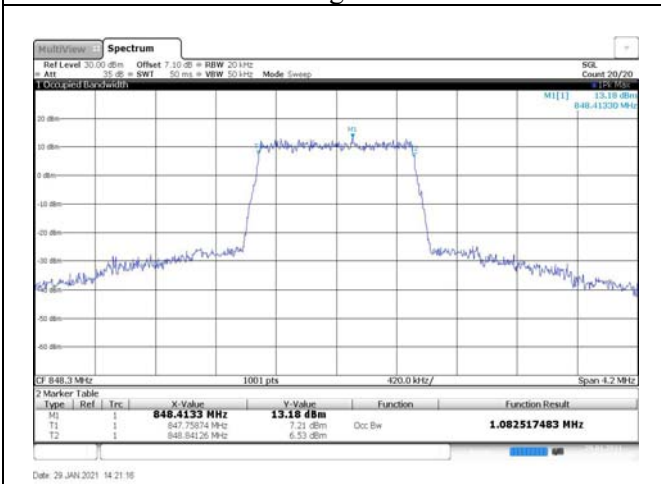


Fig.9

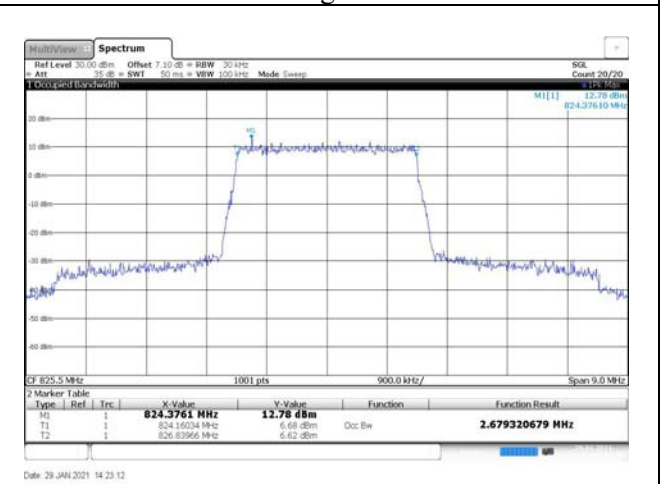


Fig.10

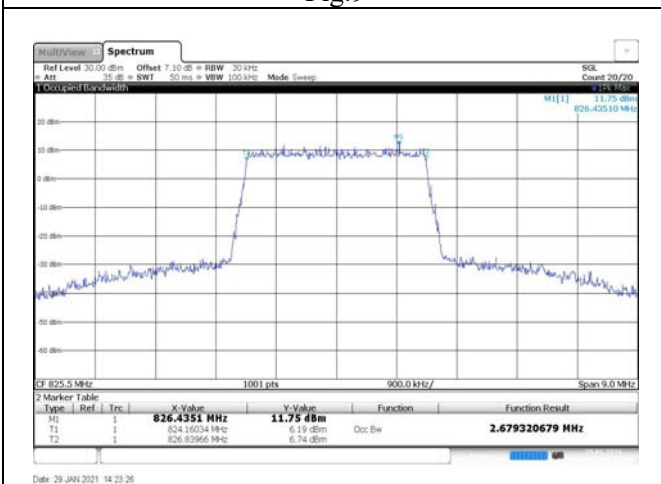


Fig.11

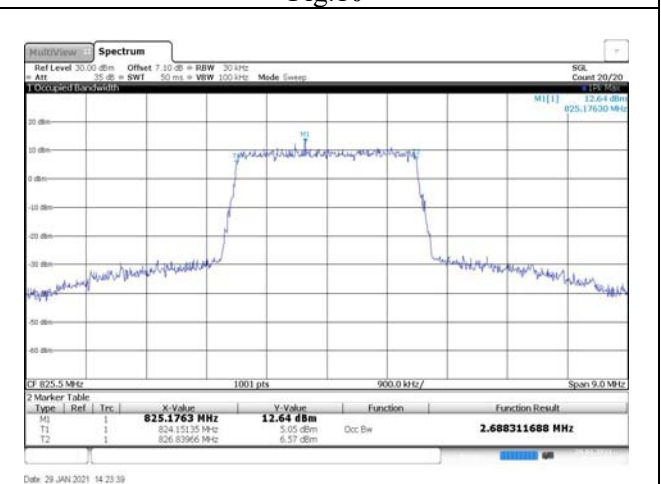


Fig.12

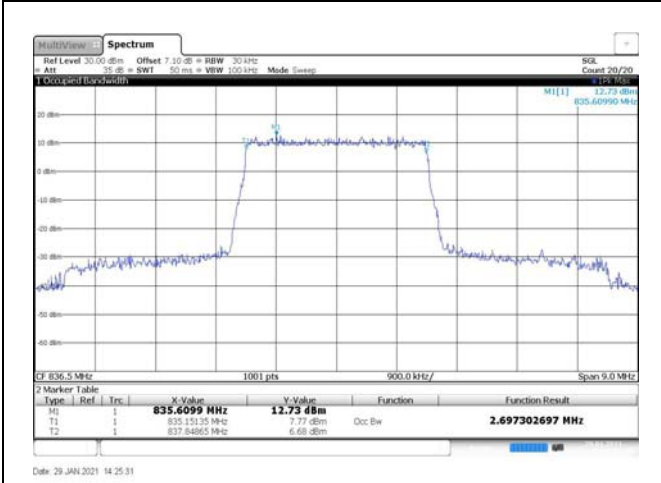


Fig.13

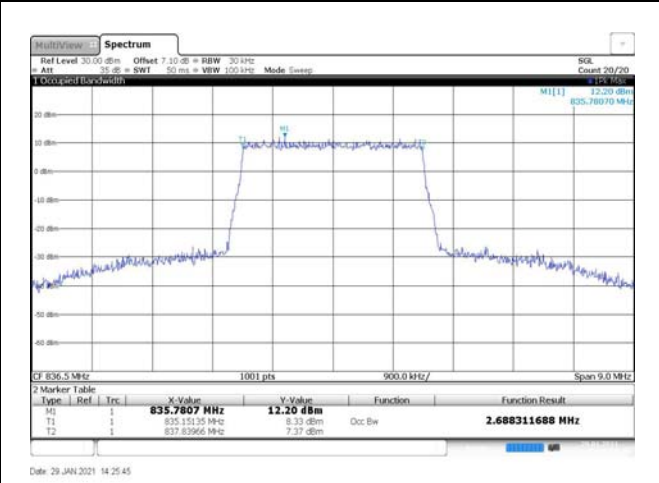


Fig.14

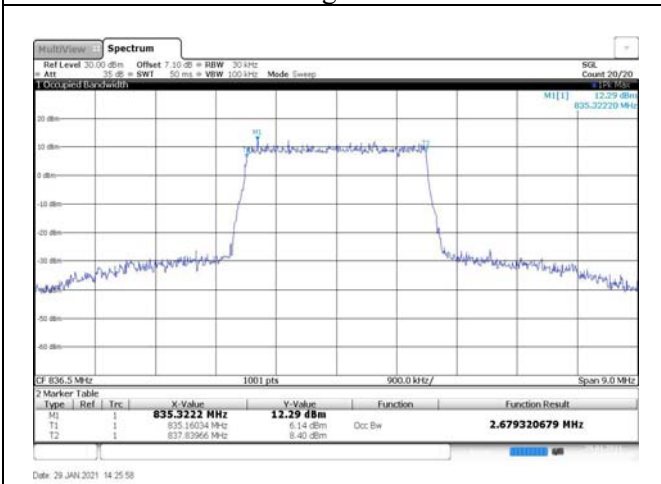


Fig.15

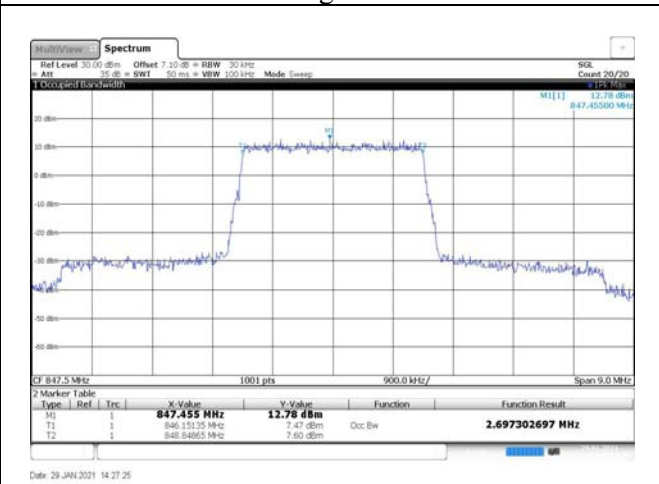


Fig.16

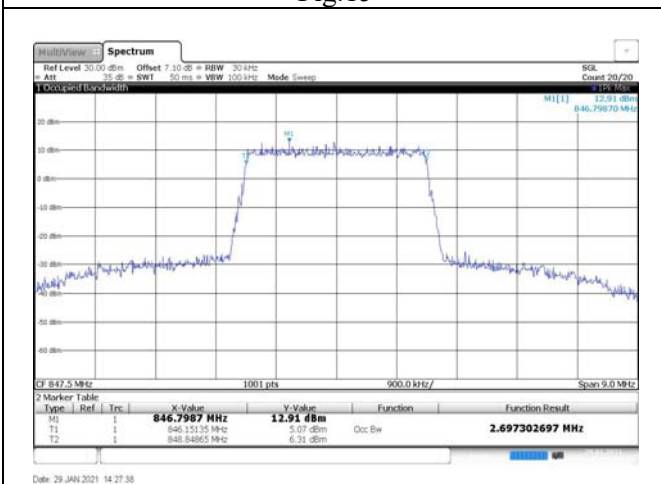


Fig.17

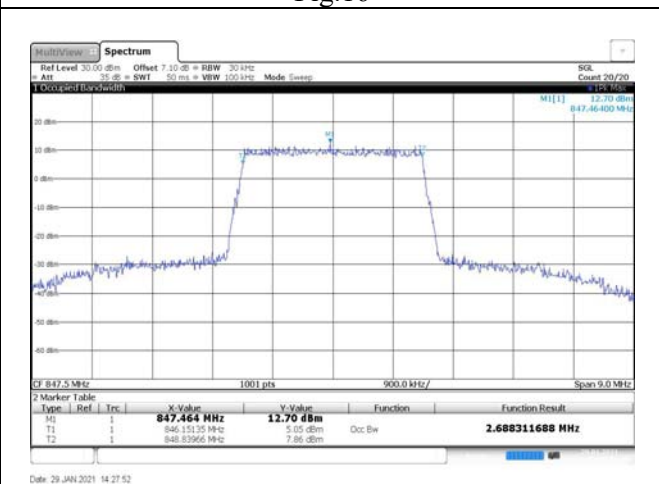


Fig.18

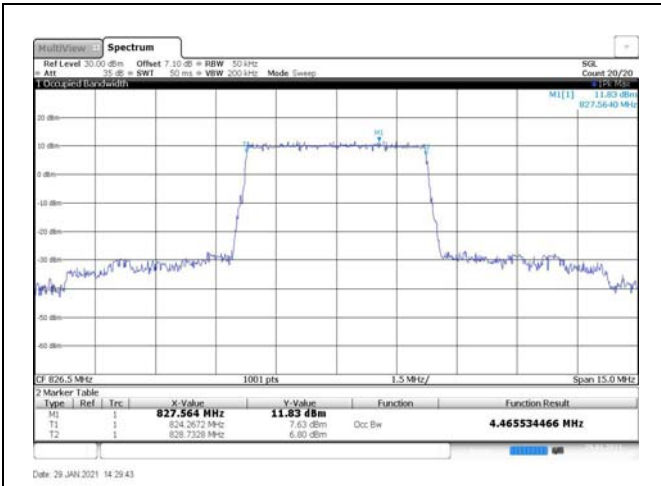


Fig.19

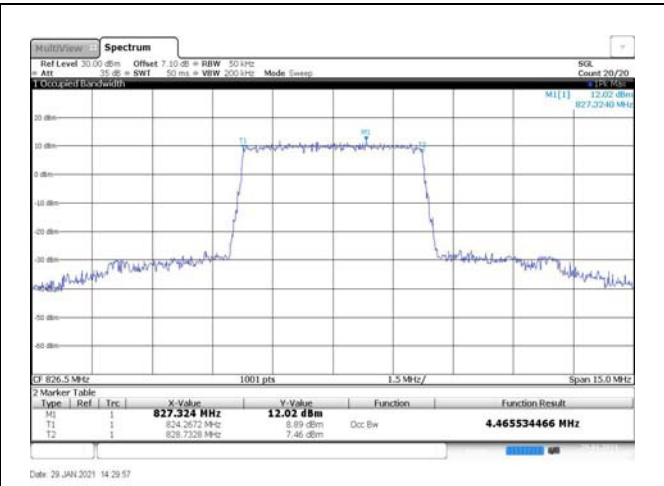


Fig.20

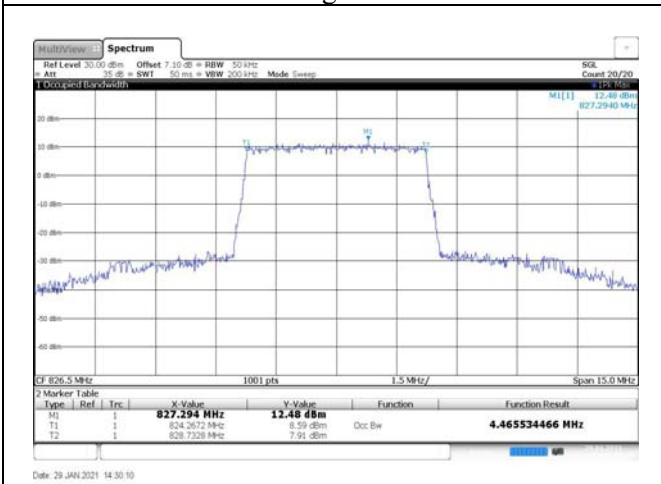


Fig.21

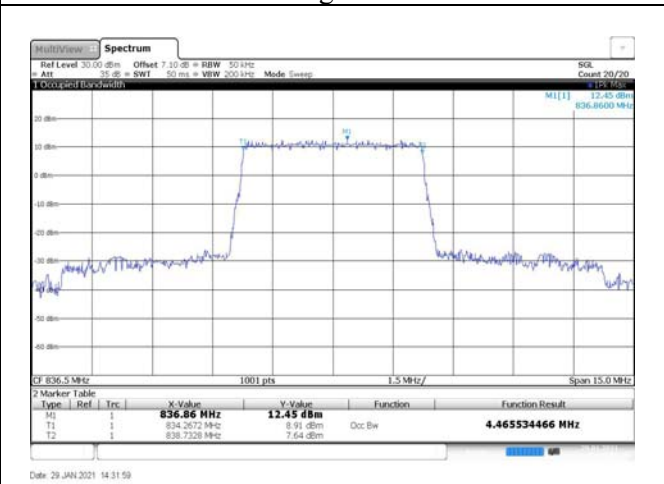


Fig.22

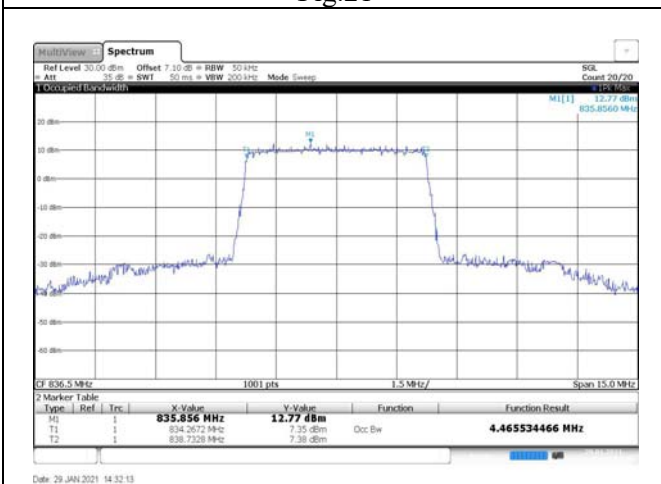


Fig.23

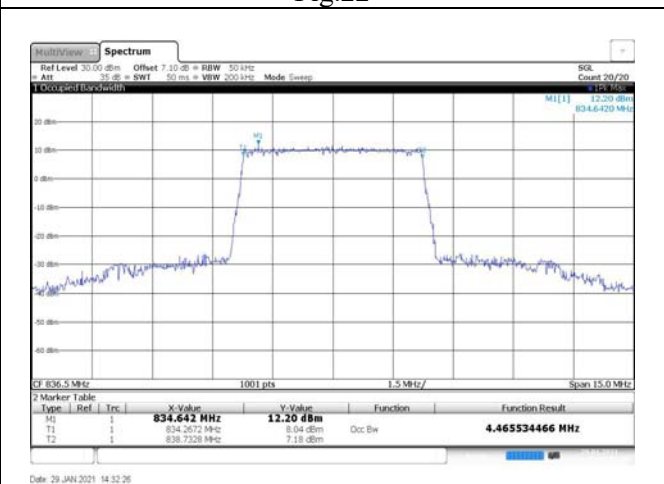


Fig.24

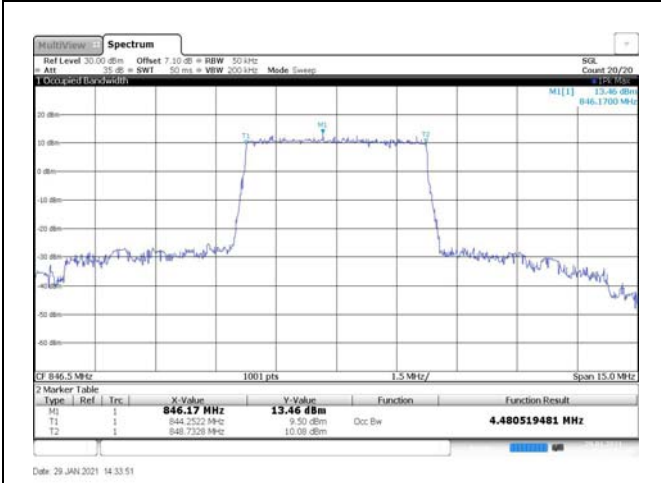


Fig.25

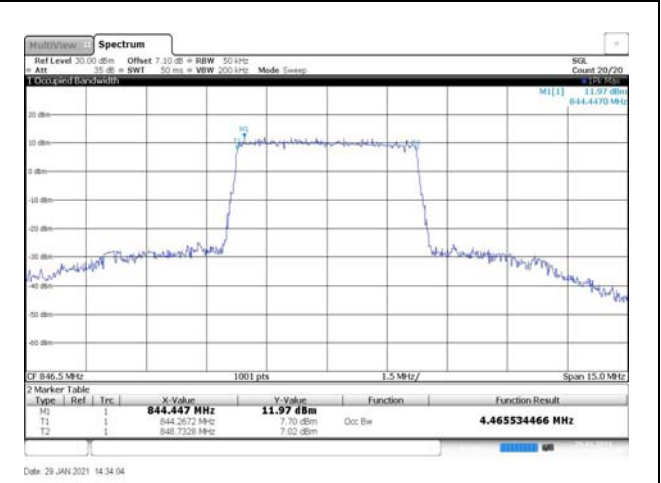


Fig.26

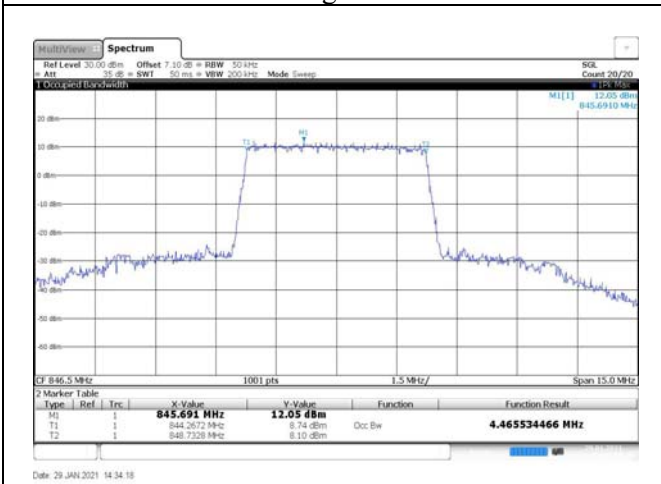


Fig.27

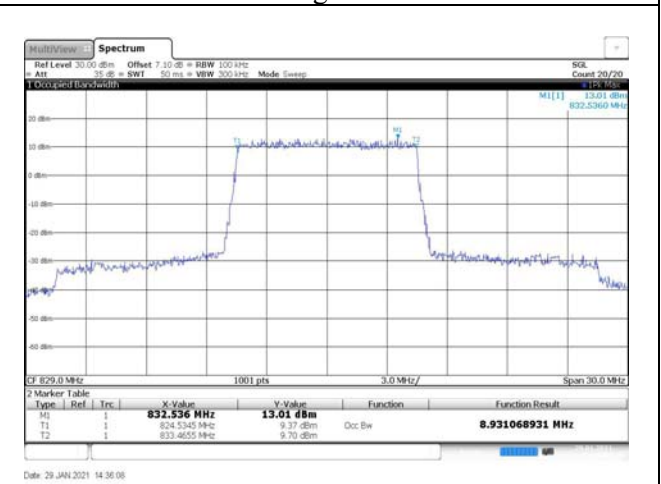


Fig.28

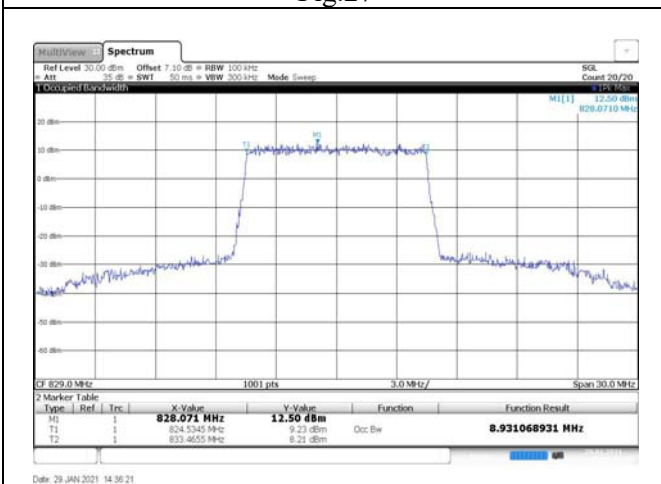


Fig.29

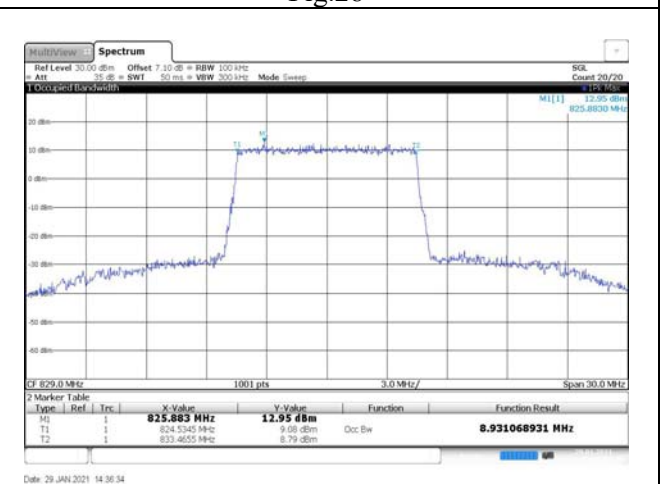


Fig.30

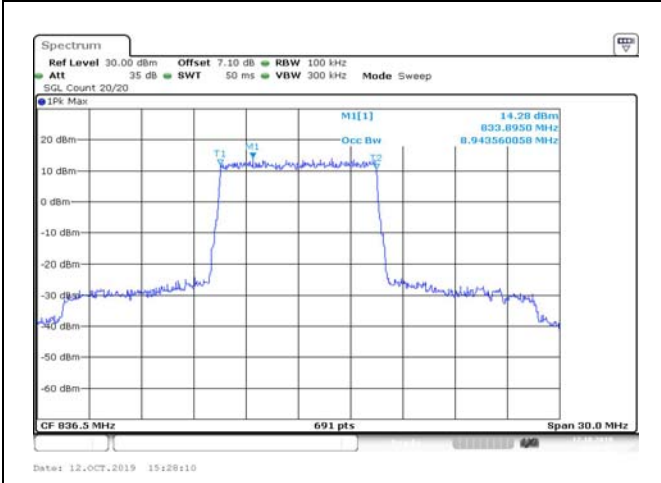


Fig.31

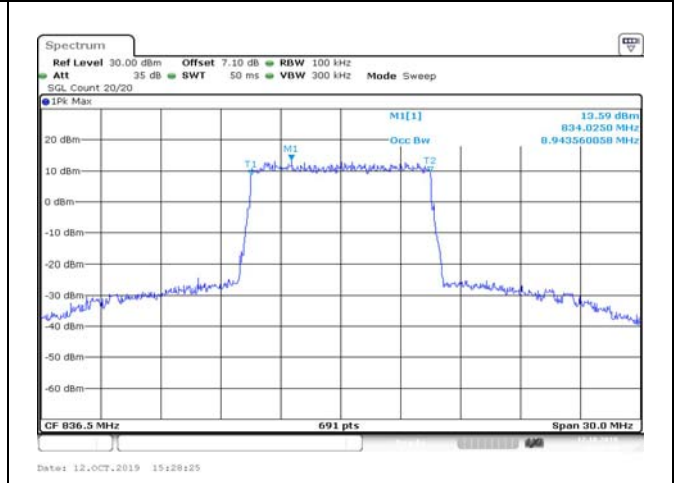


Fig.32

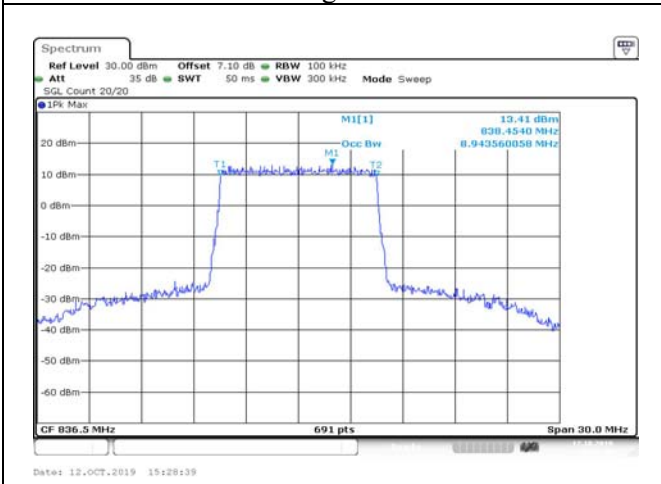


Fig.33

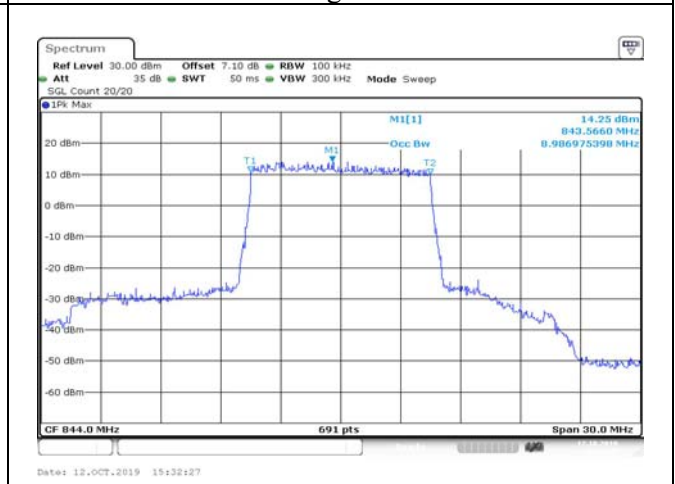


Fig.34

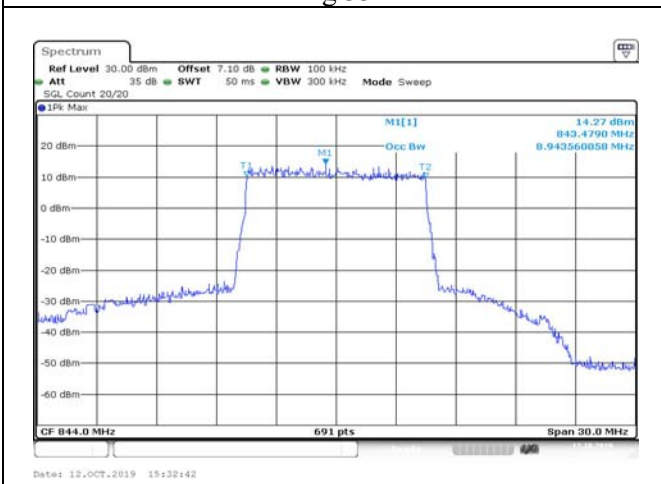


Fig.35

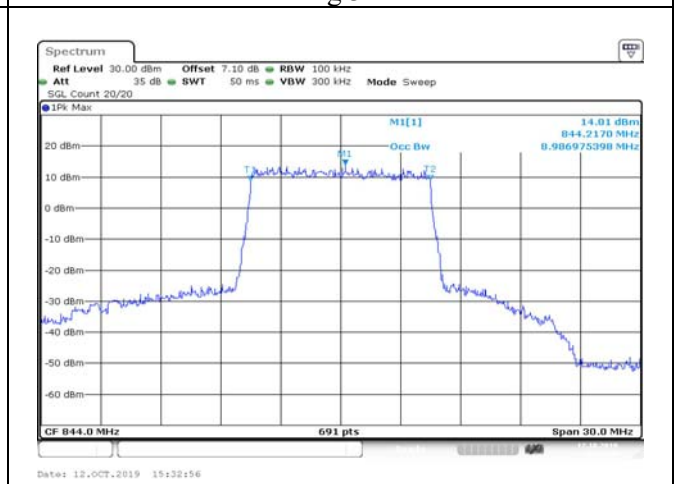


Fig.36

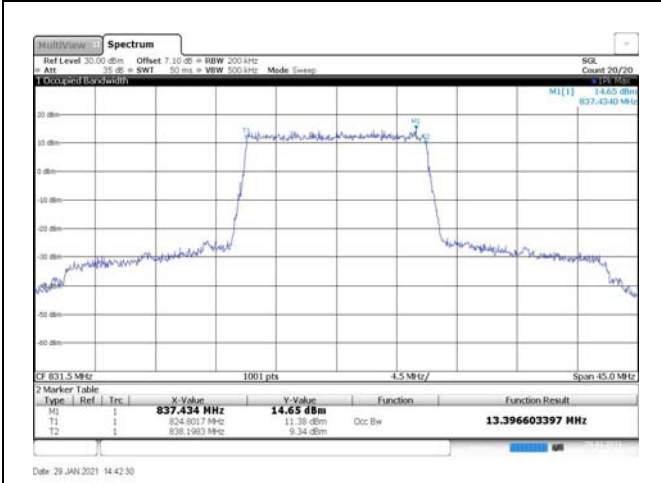


Fig.37

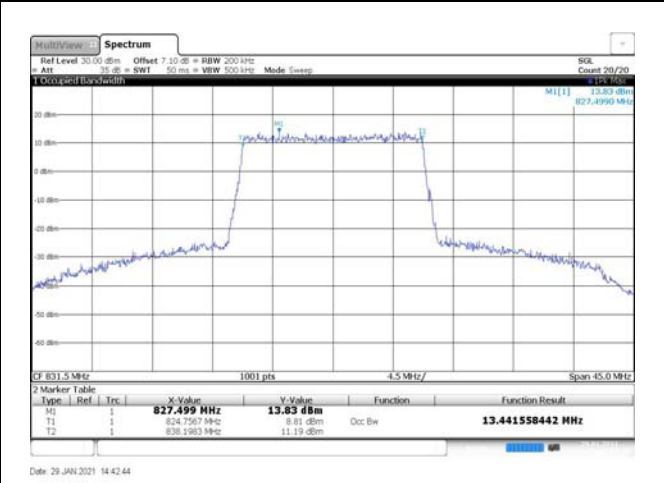


Fig.38

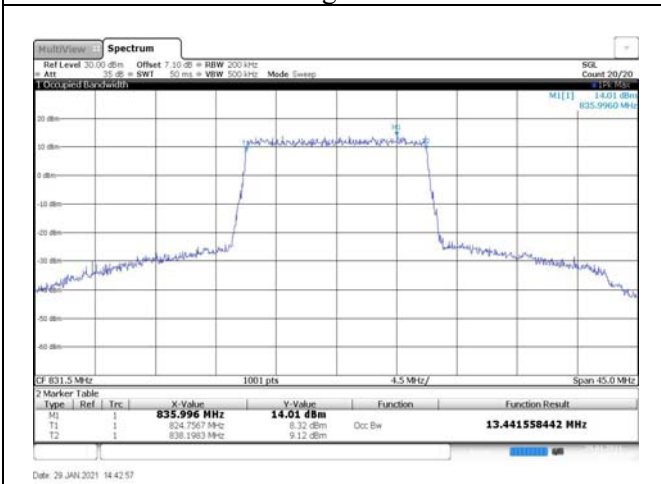


Fig.39

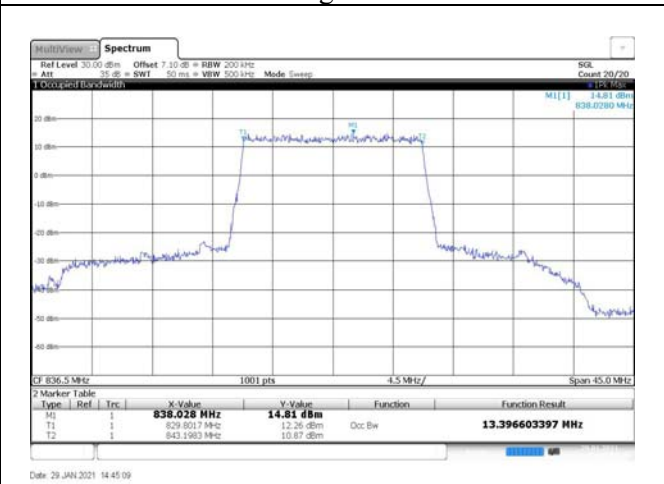


Fig.40

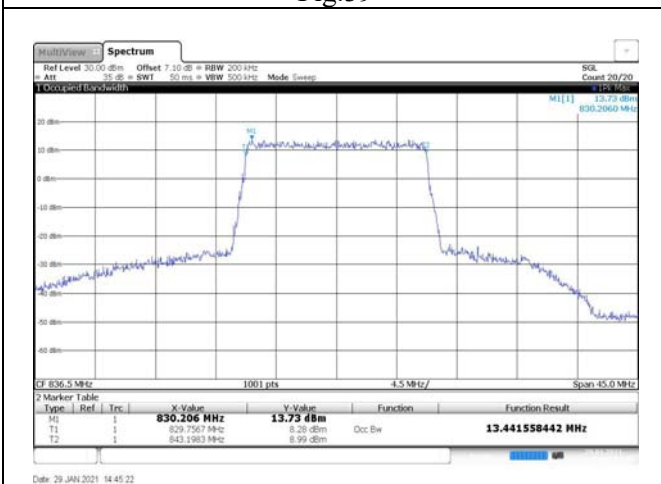


Fig.41

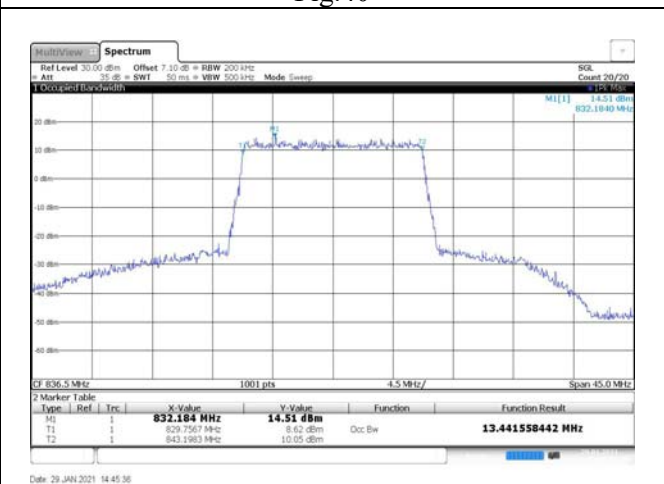


Fig.42

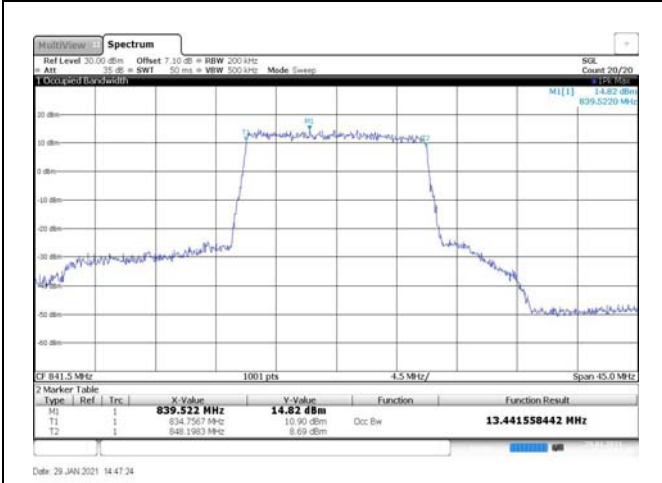


Fig.43

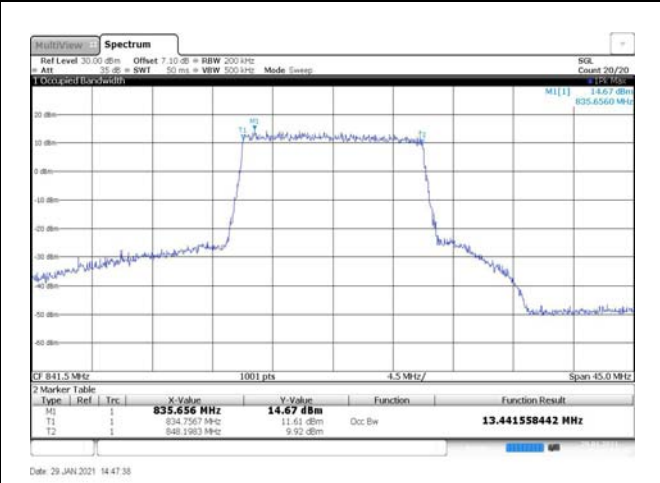


Fig.44

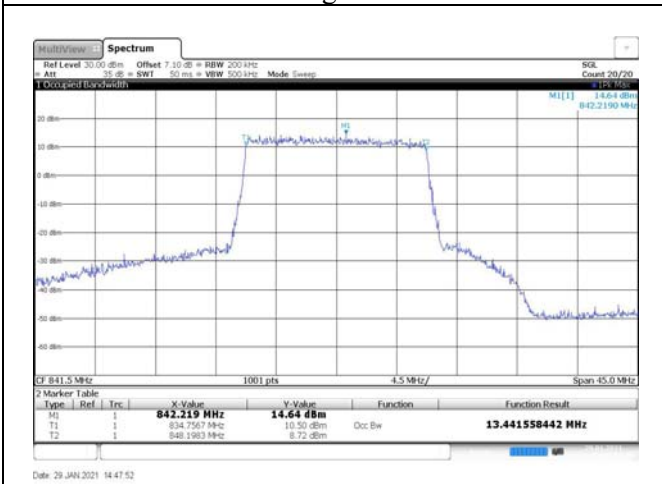


Fig.45

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	
26	824.7	26797	1.4	6	0	1.229	Fig.1	1.221	Fig.2	1.217	Fig.3
	836.5	26915		6	0	1.221	Fig.4	1.225	Fig.5	1.229	Fig.6
	848.3	27033		6	0	1.234	Fig.7	1.225	Fig.8	1.221	Fig.9
	825.5	26805	3	15	0	2.949	Fig.10	2.967	Fig.11	2.949	Fig.12
	836.5	26915		15	0	2.967	Fig.13	2.976	Fig.14	2.976	Fig.15
	847.5	27025		15	0	2.958	Fig.16	2.976	Fig.17	2.976	Fig.18
	826.5	26815	5	25	0	4.855	Fig.19	4.885	Fig.20	4.810	Fig.21
	836.5	26915		25	0	4.885	Fig.22	4.855	Fig.23	4.855	Fig.24
	846.5	27015		25	0	4.900	Fig.25	4.870	Fig.26	4.885	Fig.27
	829	26840	10	50	0	9.710	Fig.28	9.770	Fig.29	9.590	Fig.30
	836.5	26915		50	0	9.638	Fig.31	9.725	Fig.32	9.682	Fig.33
	844	26990		50	0	9.682	Fig.34	9.725	Fig.35	9.725	Fig.36
	831.5	26865	15	75	0	14.610	Fig.37	14.745	Fig.38	14.700	Fig.39
	836.5	26915		75	0	14.655	Fig.40	14.565	Fig.41	14.655	Fig.42
	841.5	26965		75	0	14.790	Fig.43	14.610	Fig.44	14.745	Fig.45

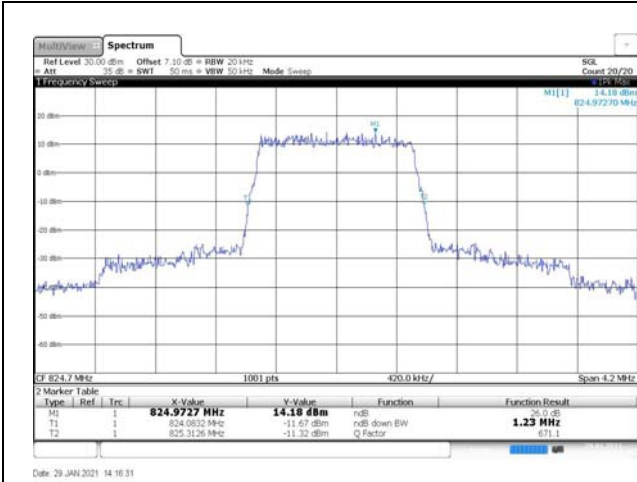


Fig.1

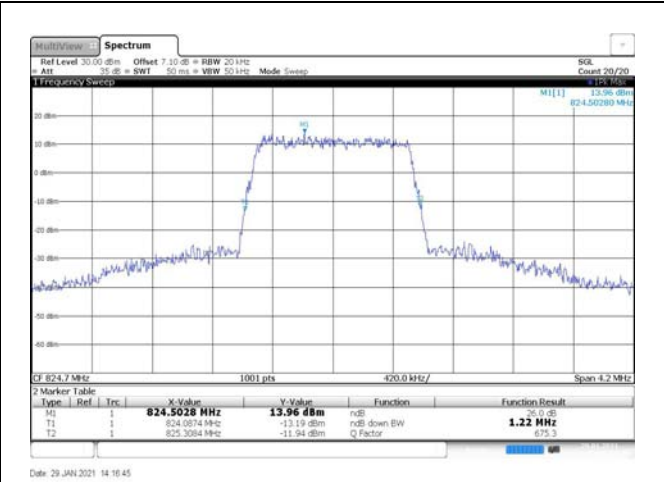


Fig.2

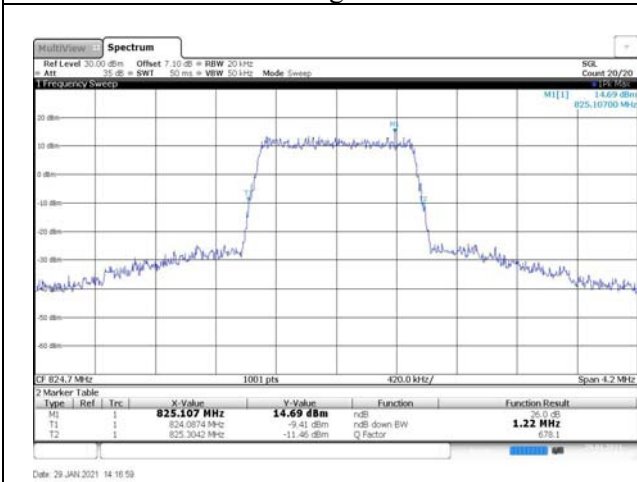


Fig.3

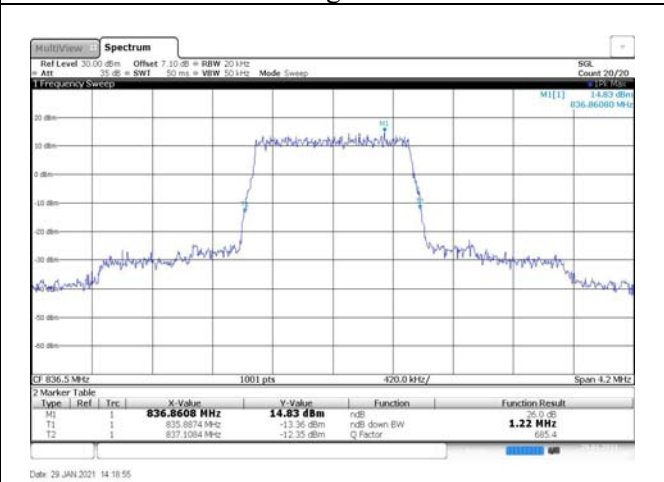


Fig.4

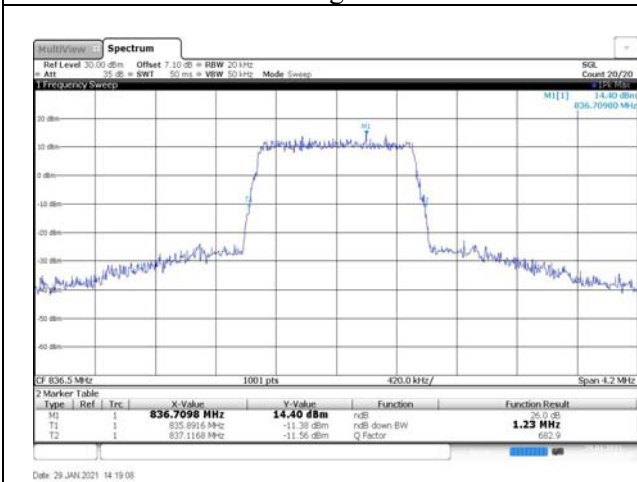


Fig.5

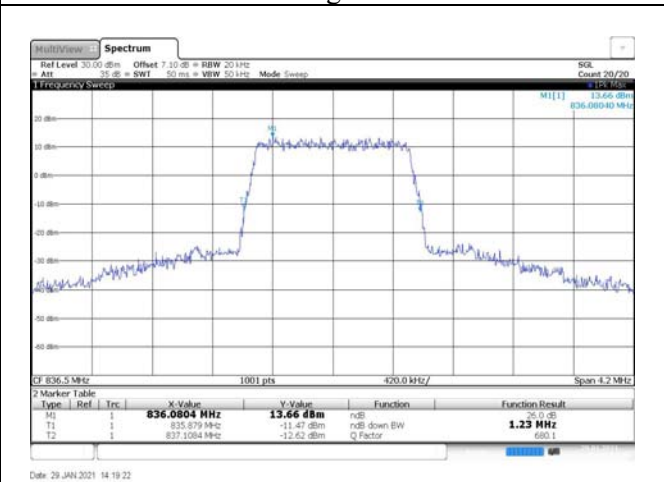


Fig.6

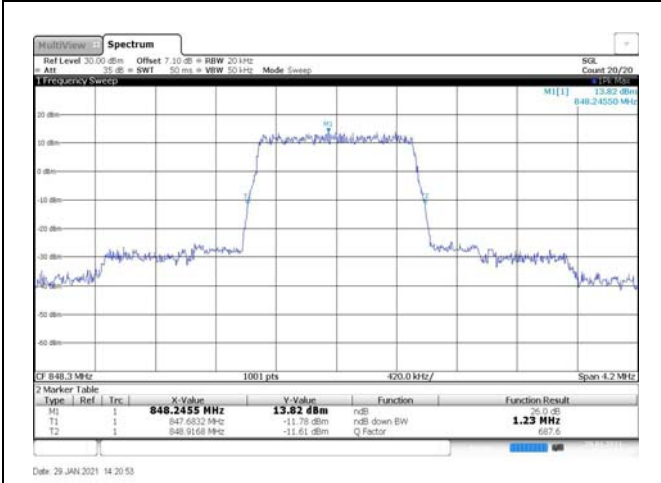


Fig.7

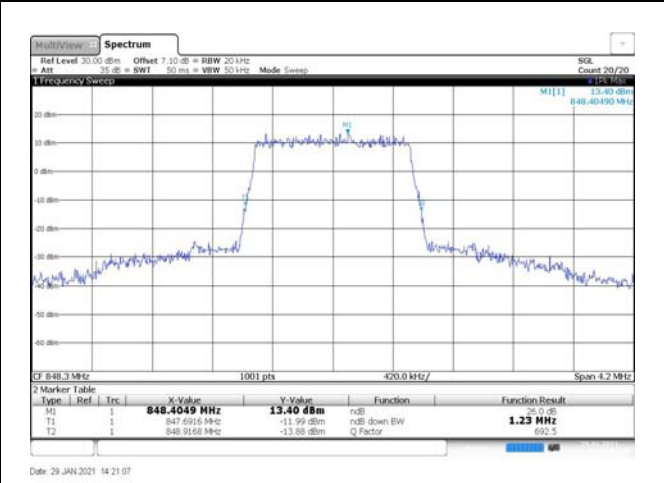


Fig.8

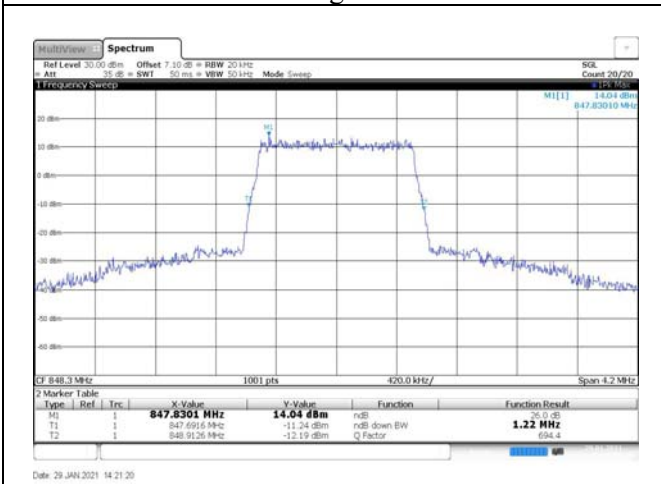


Fig.9

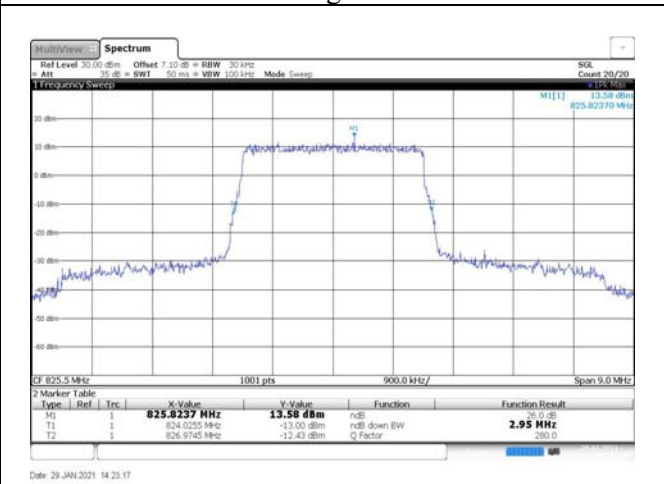


Fig.10

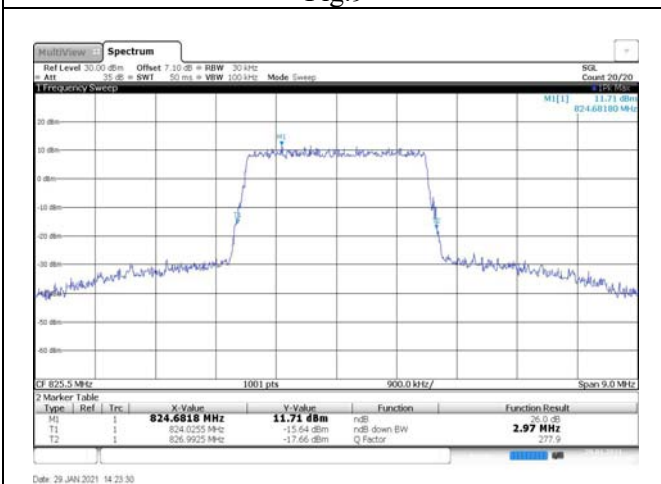


Fig.11

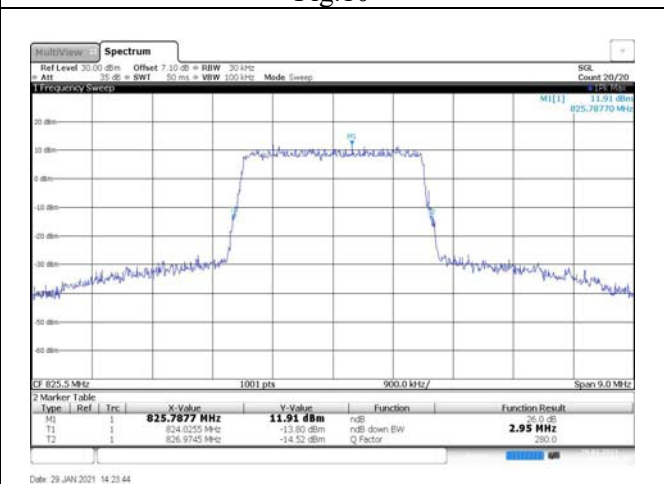


Fig.12

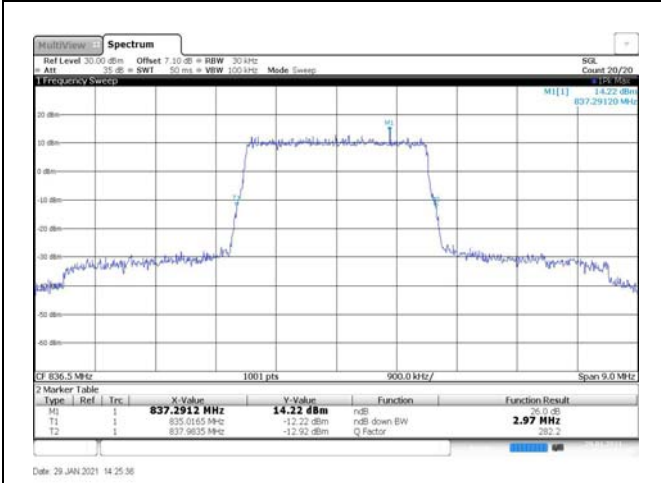


Fig.13

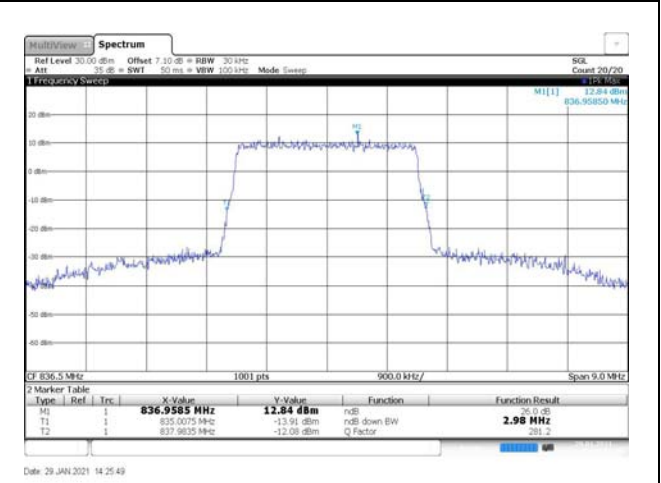


Fig.14

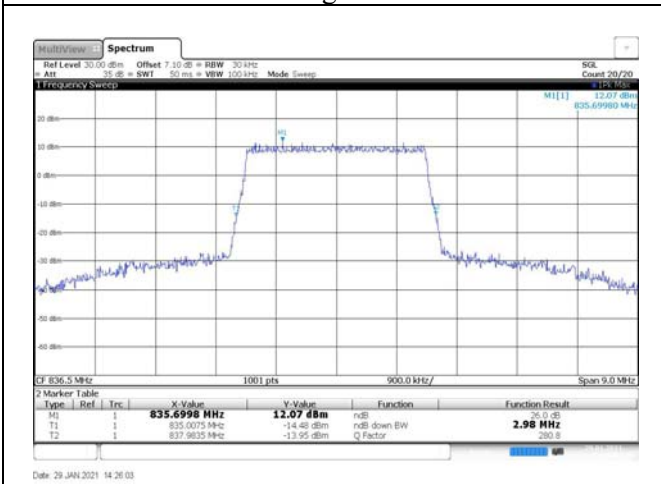


Fig.15

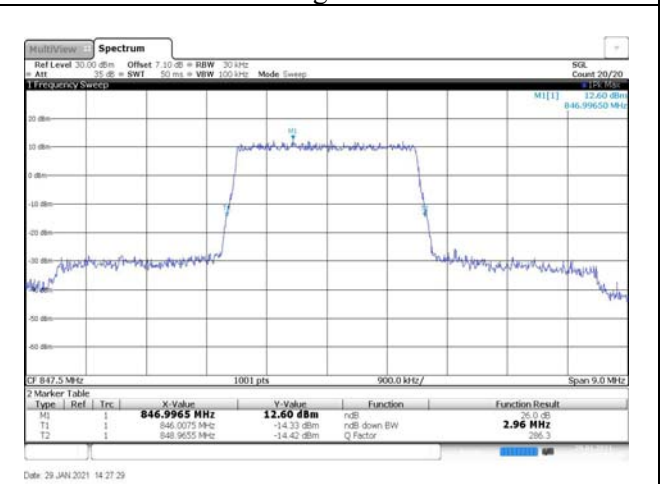


Fig.16

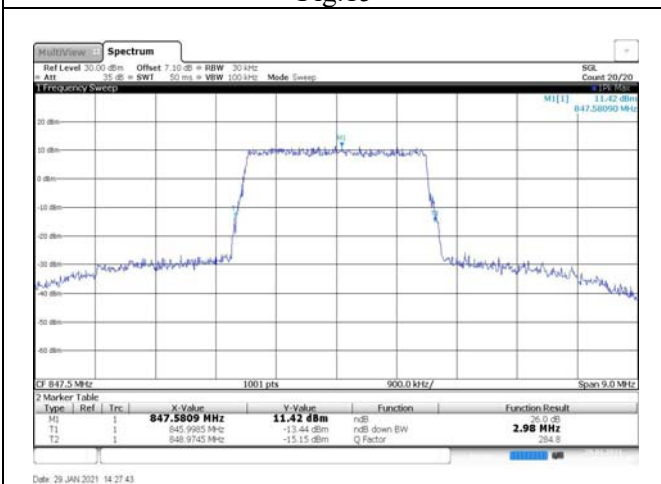


Fig.17

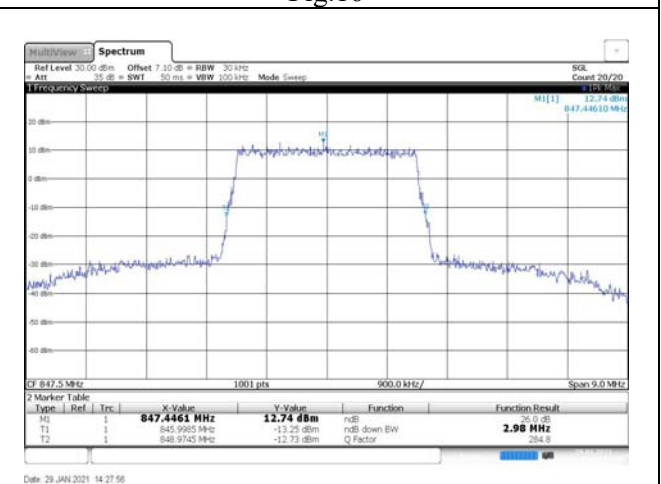


Fig.18

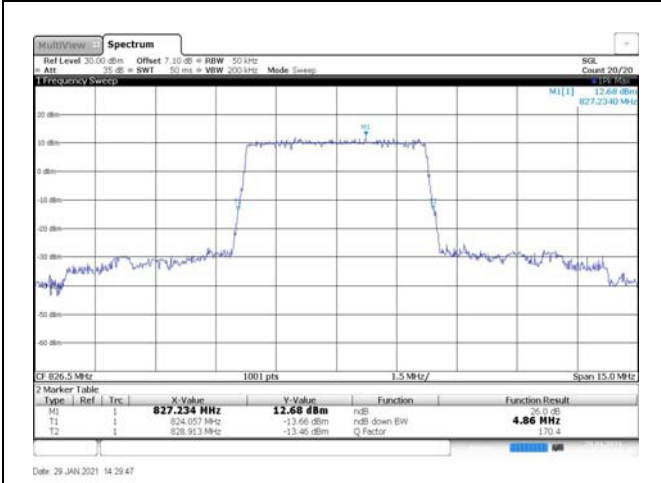


Fig.19

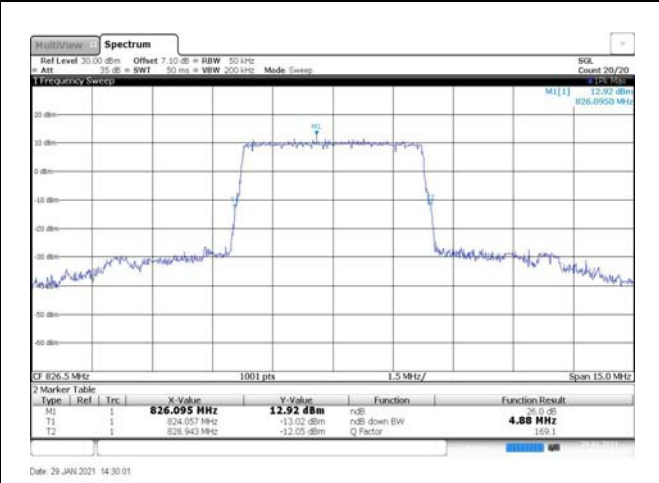


Fig.20

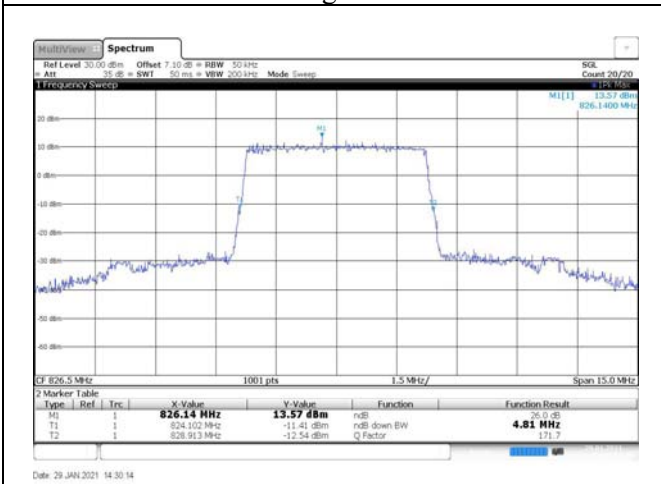


Fig.21

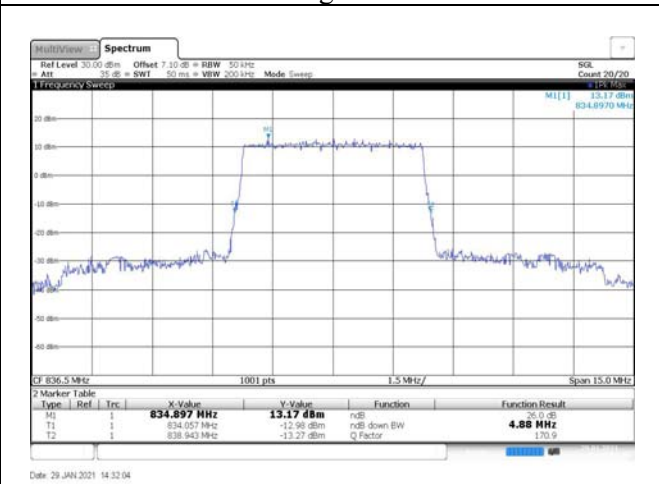


Fig.22

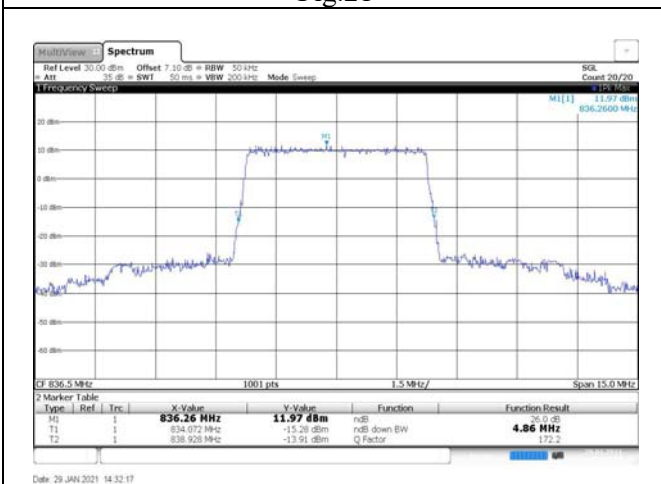


Fig.23

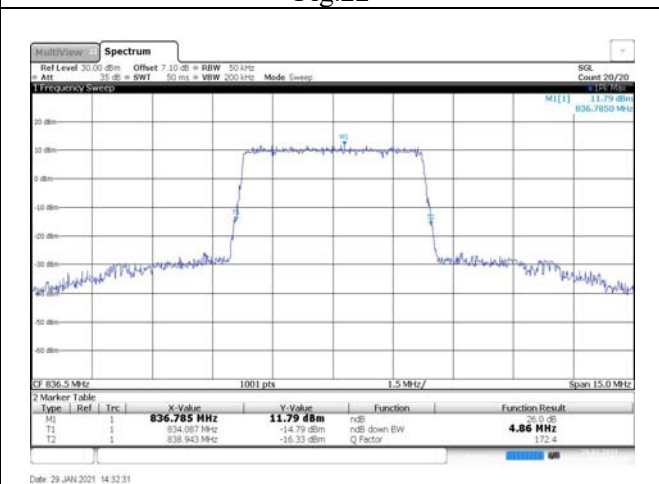


Fig.24

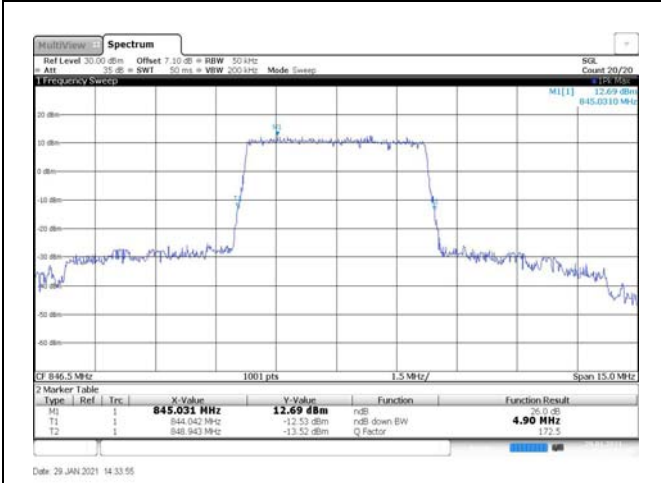


Fig.25

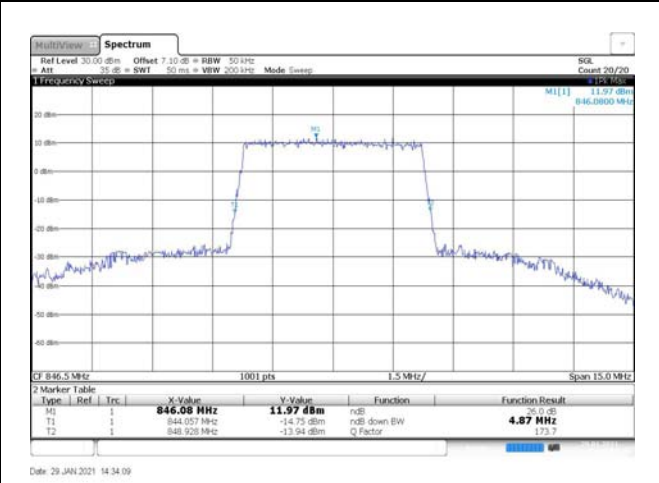


Fig.26

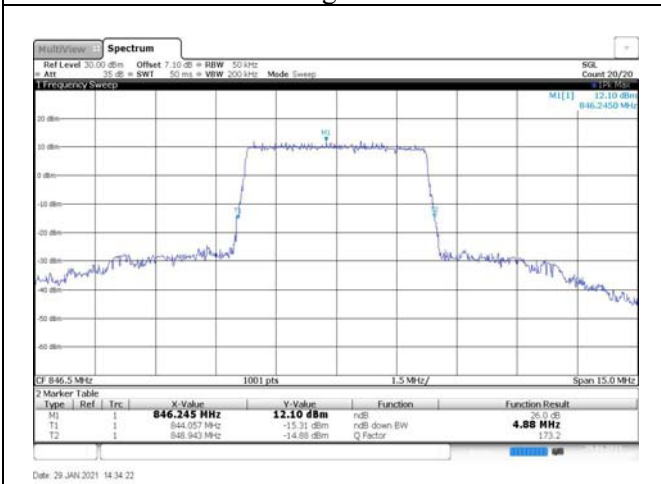


Fig.27

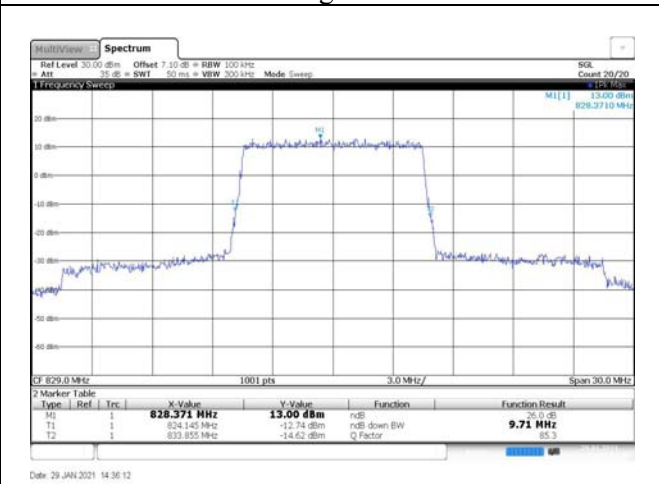


Fig.28

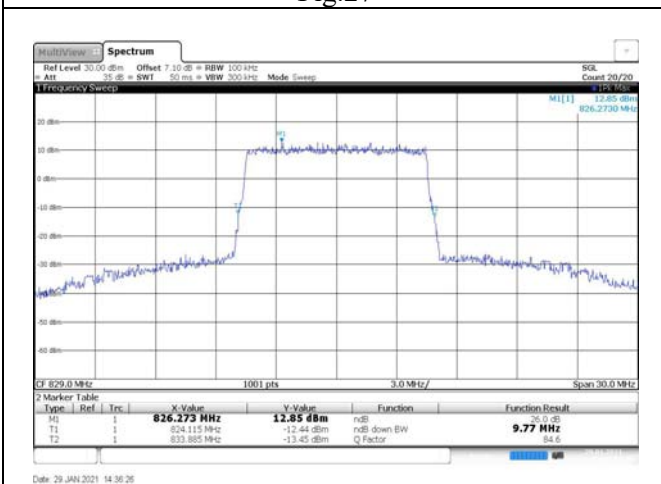


Fig.29

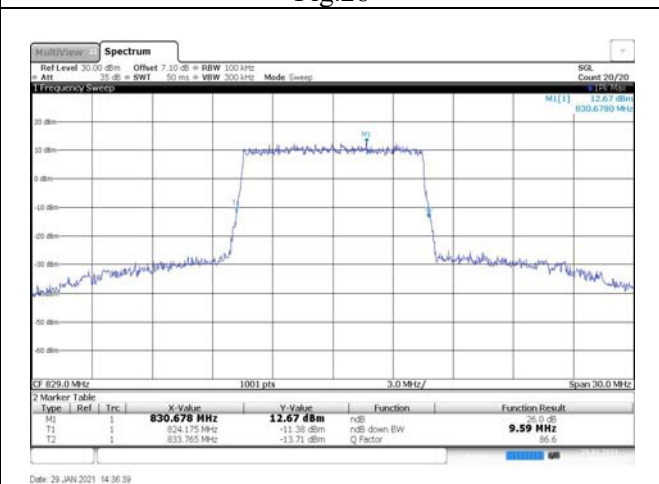


Fig.30

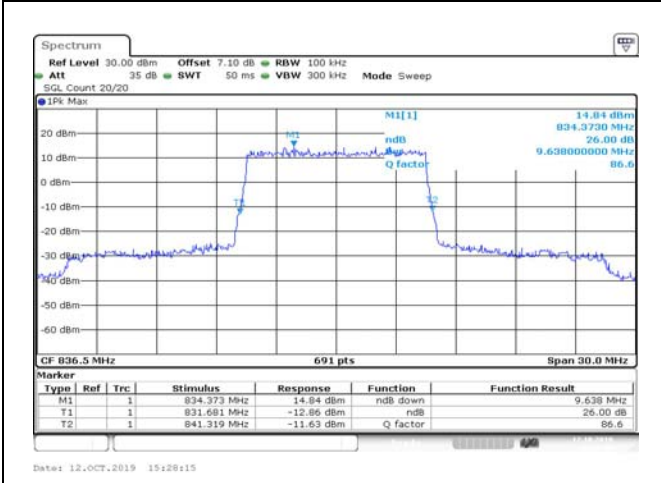


Fig.31

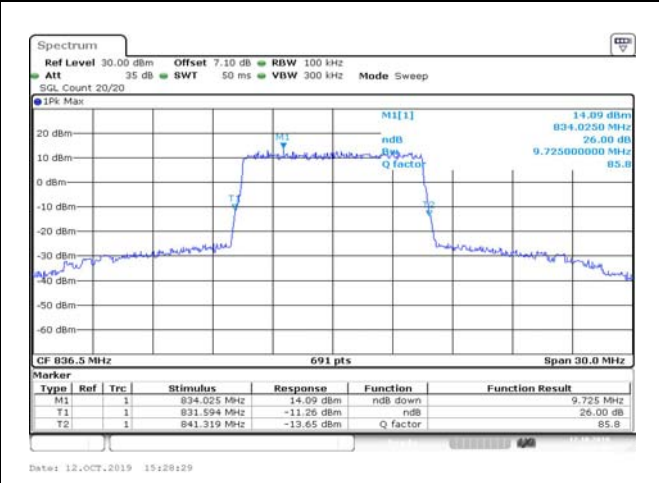


Fig.32

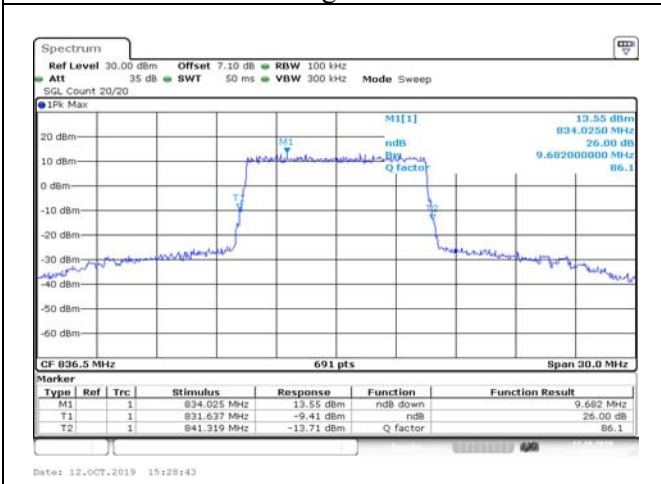


Fig.33

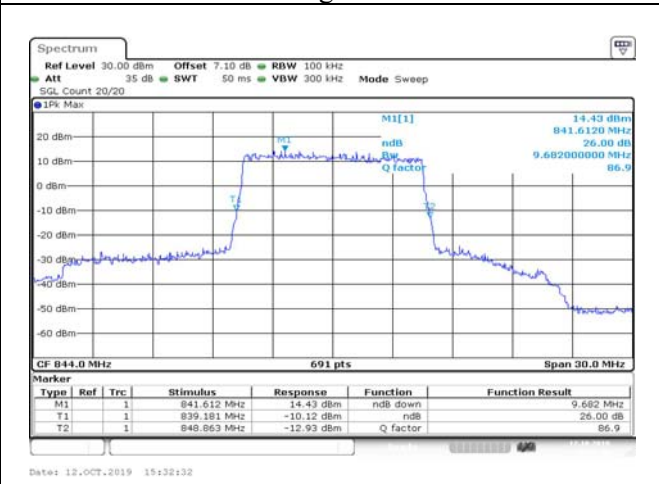


Fig.34



Fig.35

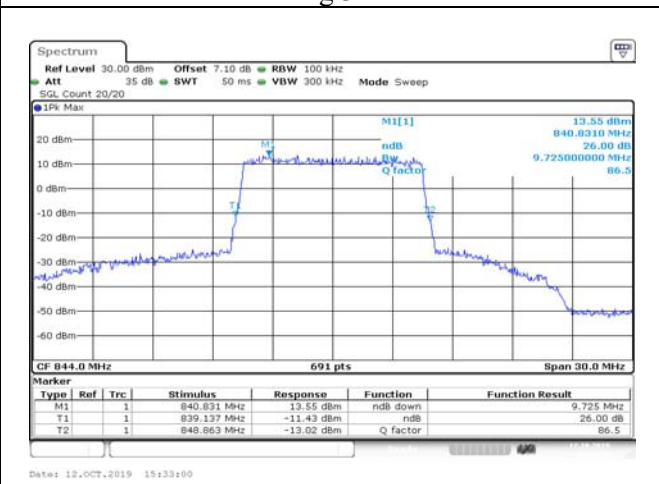


Fig.36

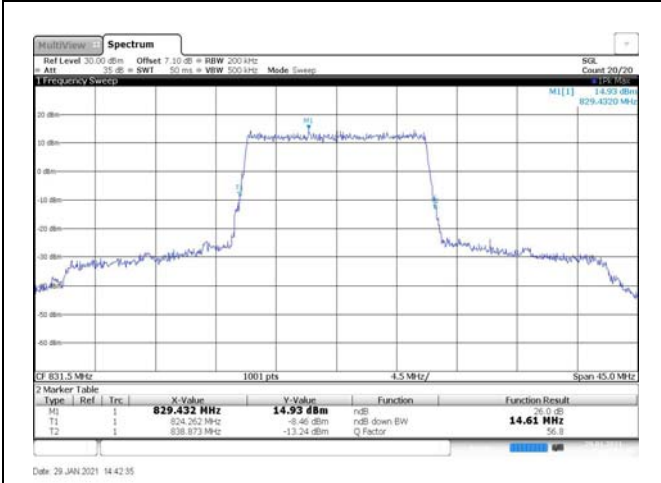


Fig.37

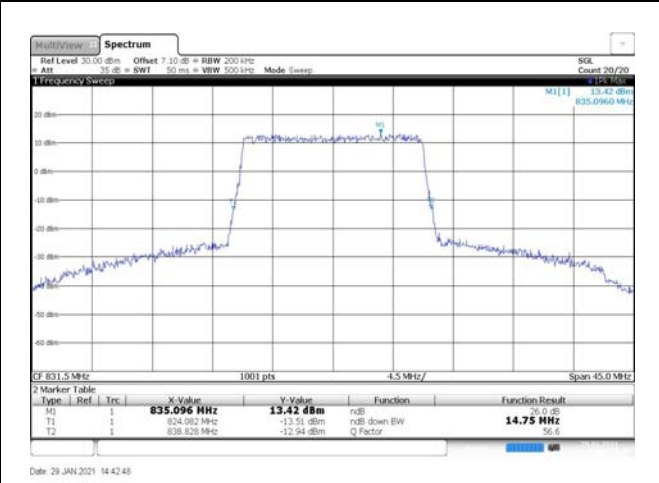


Fig.38

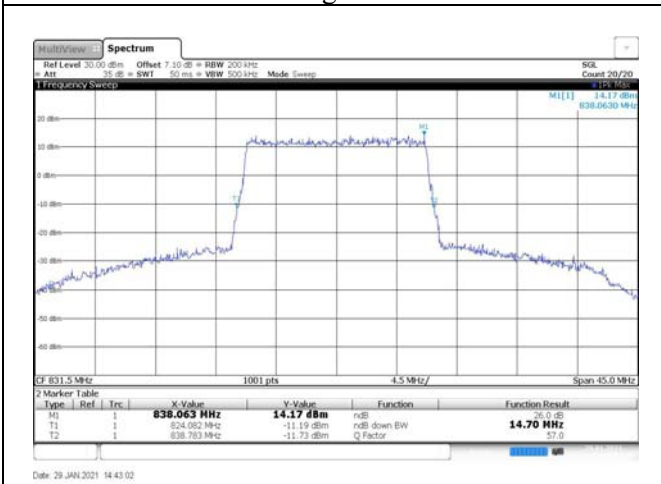


Fig.39

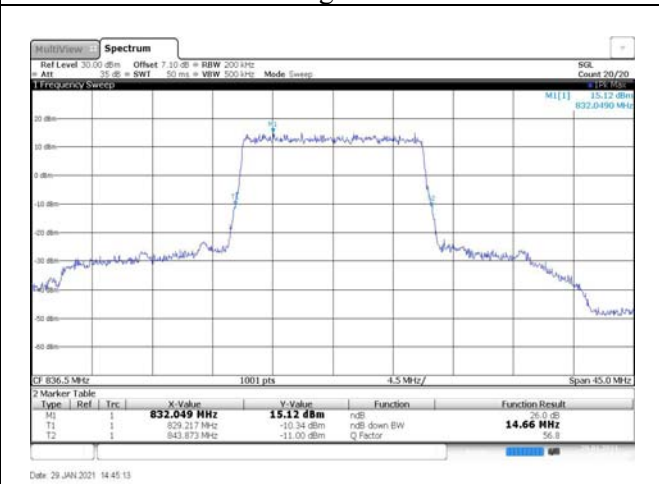


Fig.40

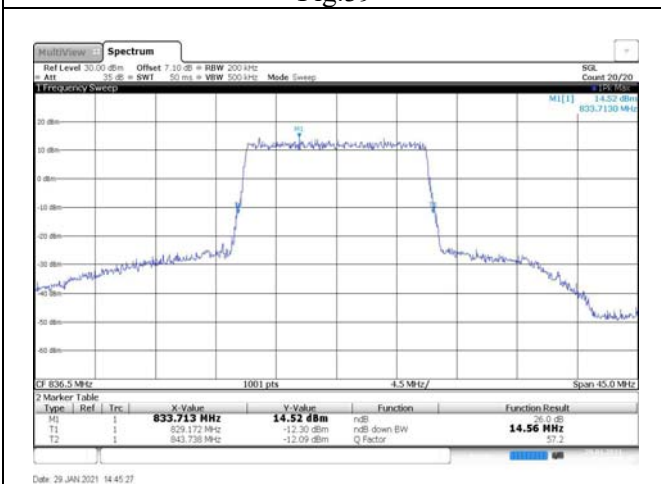


Fig.41

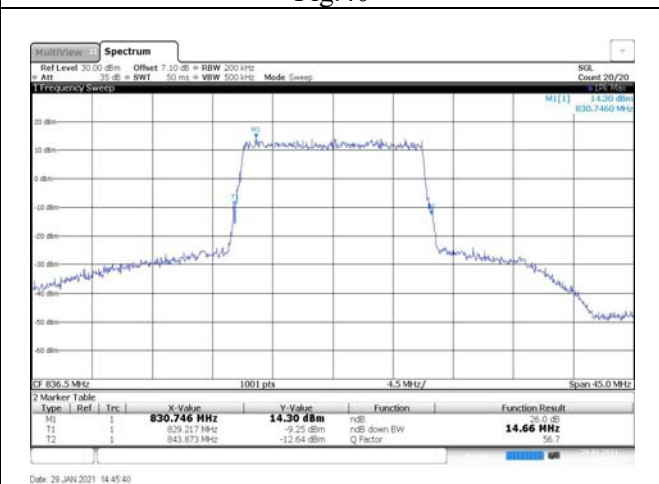


Fig.42

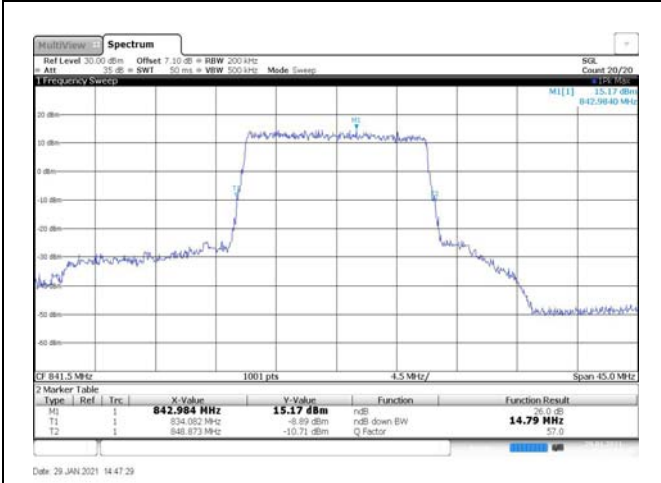


Fig.43

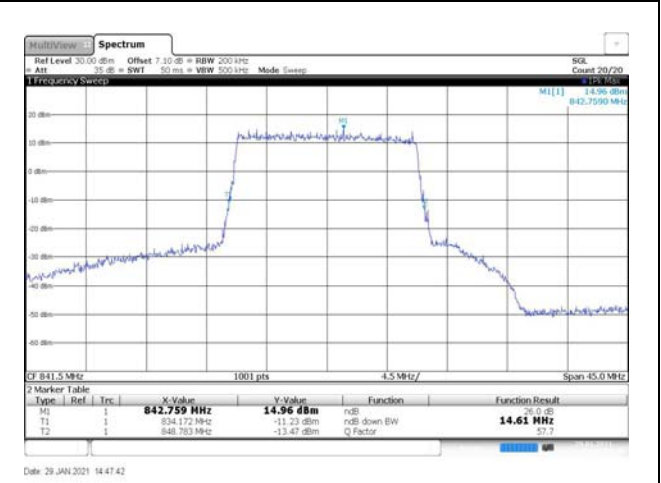


Fig.44

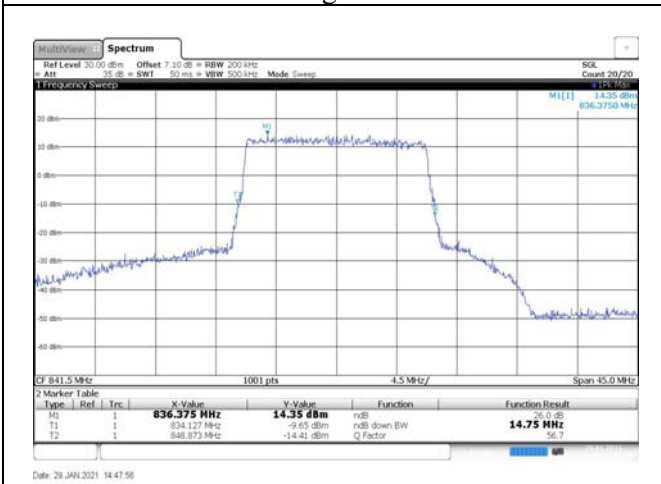


Fig.45

4 Peak-Average Ratio

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	QPSK	16-QAM	64-QAM
26	824.7	26797	1.4	1	5	Fig.1	Fig.2	Fig.3
	824.7	26797		6	0	Fig.4	Fig.5	Fig.6
	836.5	26915		1	5	Fig.7	Fig.8	Fig.9
	836.5	26915		6	0	Fig.10	Fig.11	Fig.12
	848.3	27033		1	5	Fig.13	Fig.14	Fig.15
	848.3	27033		6	0	Fig.16	Fig.17	Fig.18
	825.5	26805	3	1	14	Fig.19	Fig.20	Fig.21
	825.5	26805		15	0	Fig.22	Fig.23	Fig.24
	836.5	26915		1	14	Fig.25	Fig.26	Fig.27
	836.5	26915		15	0	Fig.28	Fig.29	Fig.30
	847.5	27025		1	14	Fig.31	Fig.32	Fig.33
	847.5	27025		15	0	Fig.34	Fig.35	Fig.36
	826.5	26815	5	1	24	Fig.37	Fig.38	Fig.39
	826.5	26815		25	0	Fig.40	Fig.41	Fig.42
	836.5	26915		1	24	Fig.43	Fig.44	Fig.45
	836.5	26915		25	0	Fig.46	Fig.47	Fig.48
	846.5	27015		1	24	Fig.49	Fig.50	Fig.51
	846.5	27015		25	0	Fig.52	Fig.53	Fig.54
	829	26840	10	1	49	Fig.55	Fig.56	Fig.57
	829	26840		50	0	Fig.58	Fig.59	Fig.60
	836.5	26915		1	49	Fig.61	Fig.62	Fig.63
	836.5	26915		50	0	Fig.64	Fig.65	Fig.66
	844	26990		1	49	Fig.67	Fig.68	Fig.69
	844	26990		50	0	Fig.70	Fig.71	Fig.72
	831.5	26865	15	1	74	Fig.73	Fig.74	Fig.75
	831.5	26865		75	0	Fig.76	Fig.77	Fig.78
	836.5	26915		1	74	Fig.79	Fig.80	Fig.81
	836.5	26915		75	0	Fig.82	Fig.83	Fig.84
	841.5	26965		1	74	Fig.85	Fig.86	Fig.87
	841.5	26965		75	0	Fig.88	Fig.89	Fig.90

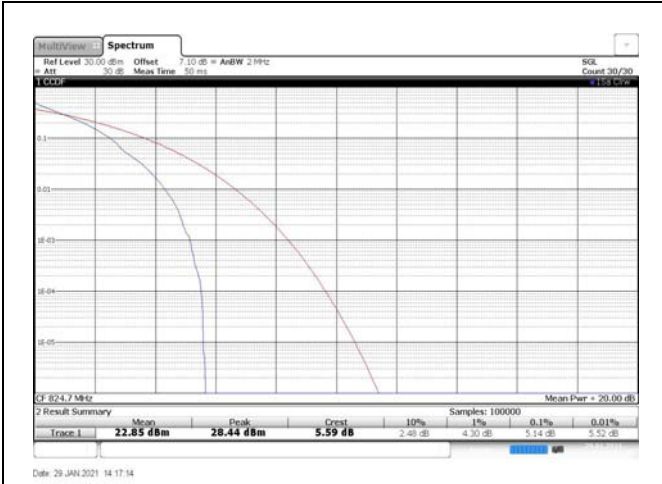


Fig.1

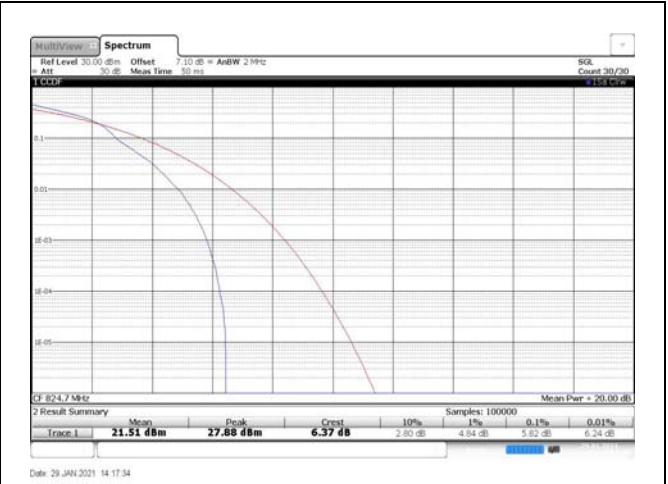


Fig.2

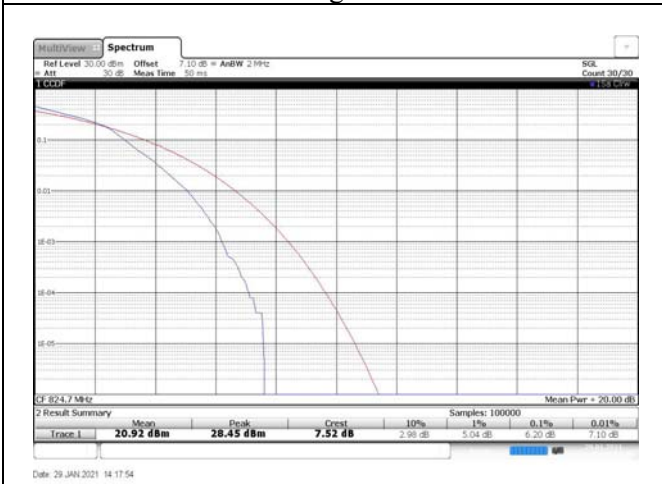


Fig.3

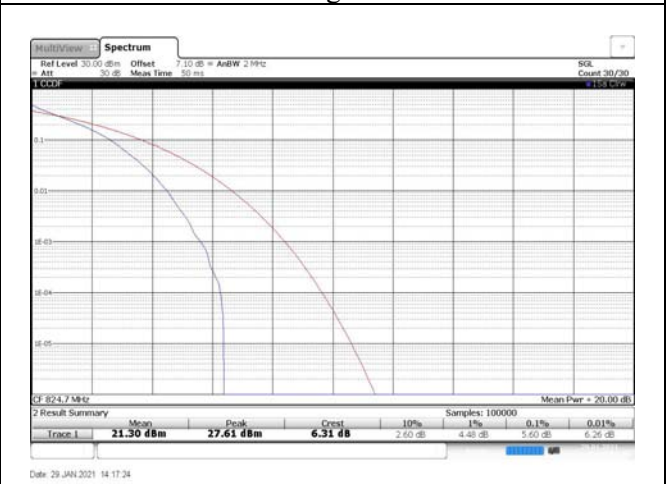


Fig.4

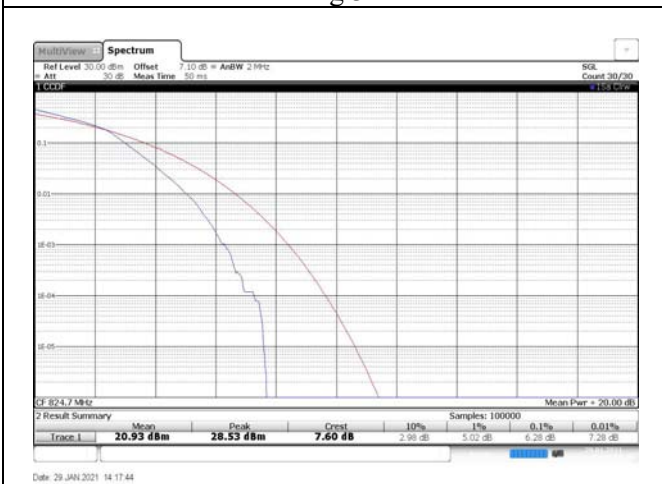


Fig.5

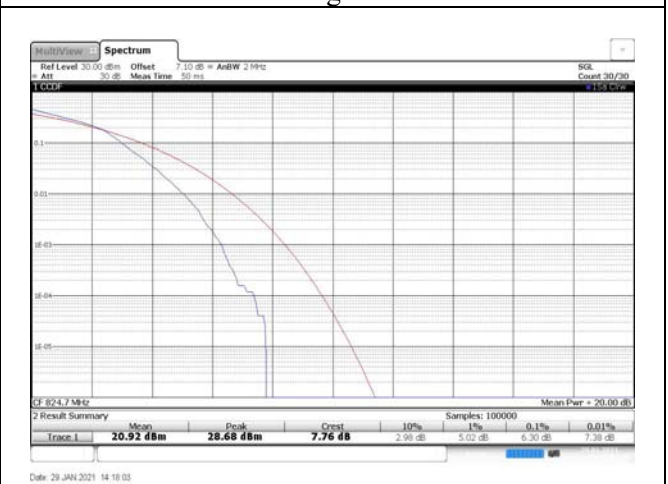


Fig.6

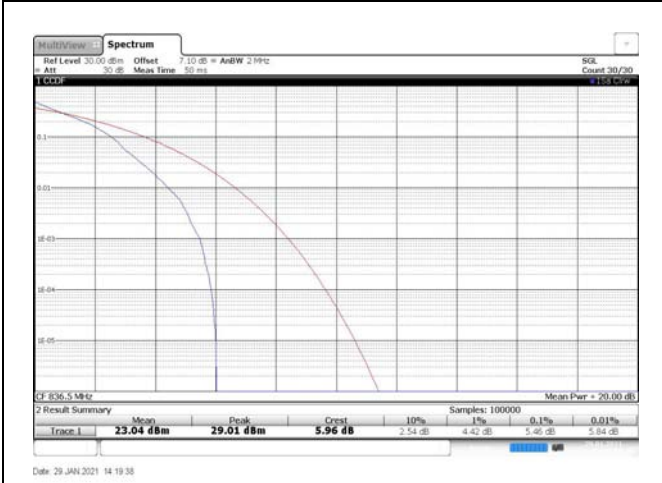


Fig.7

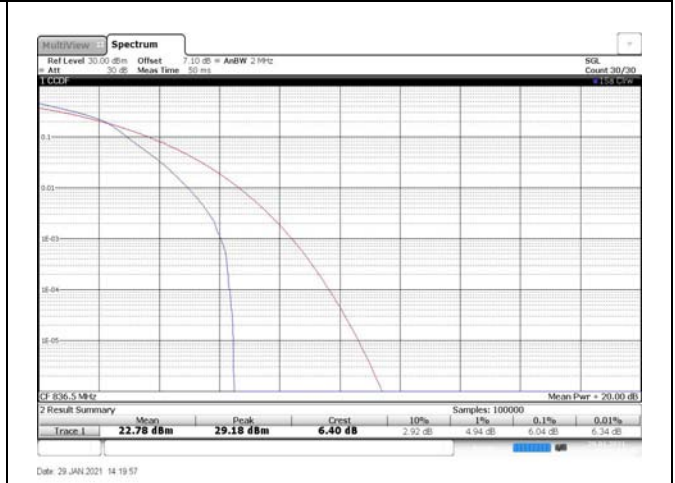


Fig.8

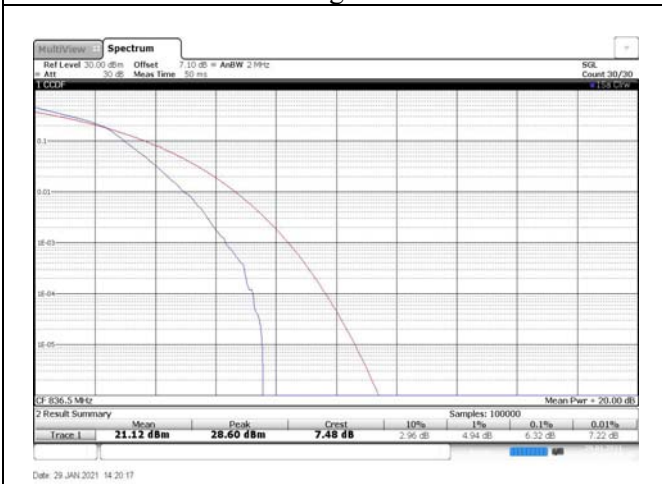


Fig.9

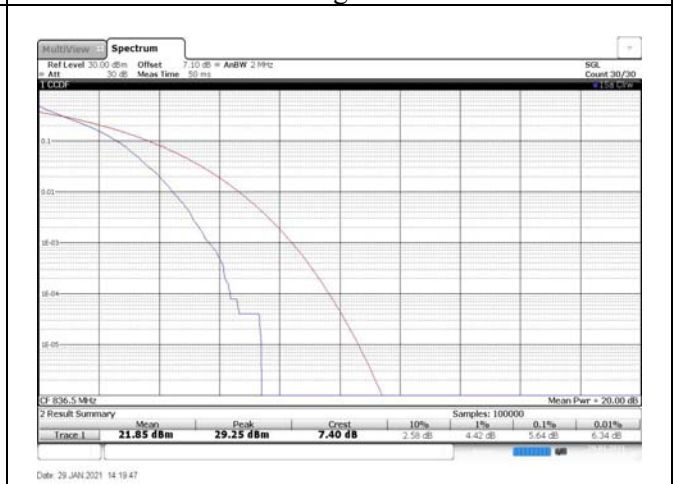


Fig.10

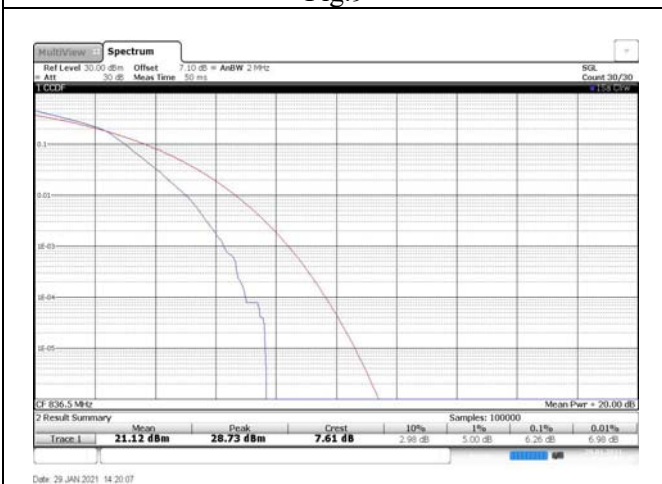


Fig.11

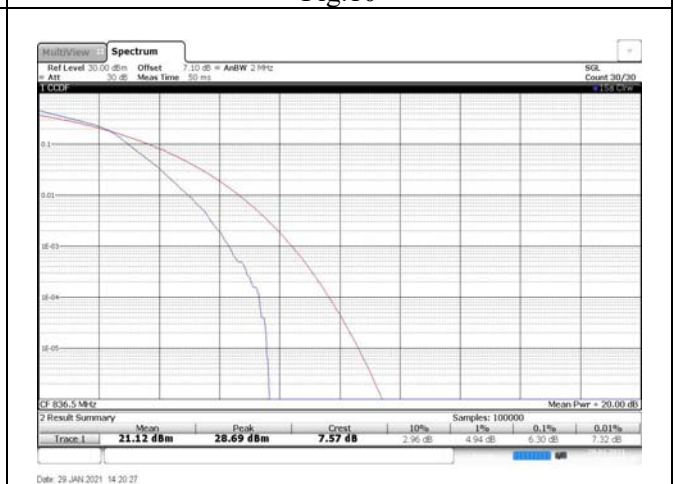


Fig.12

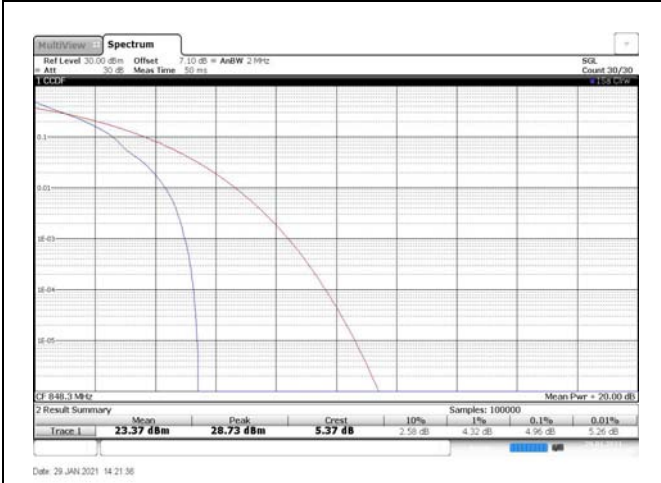


Fig.13

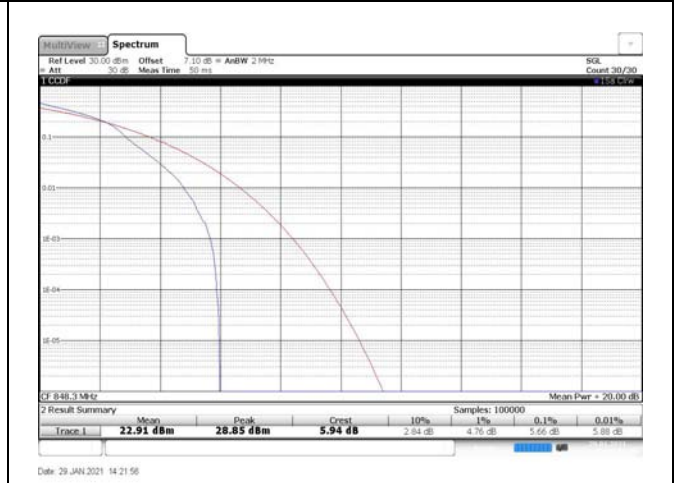


Fig.14

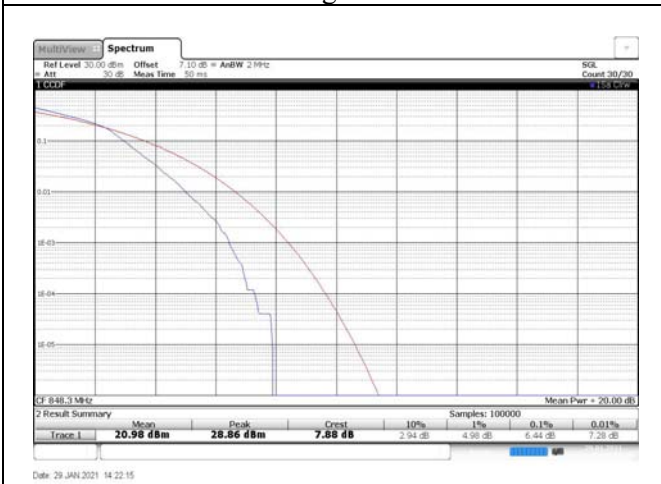


Fig.15

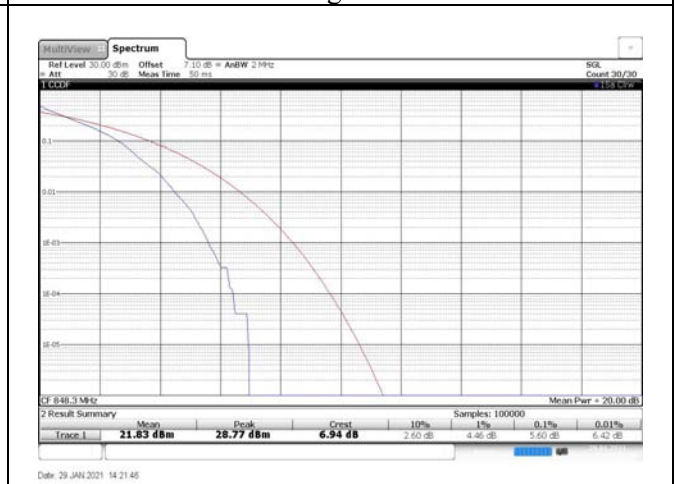


Fig.16

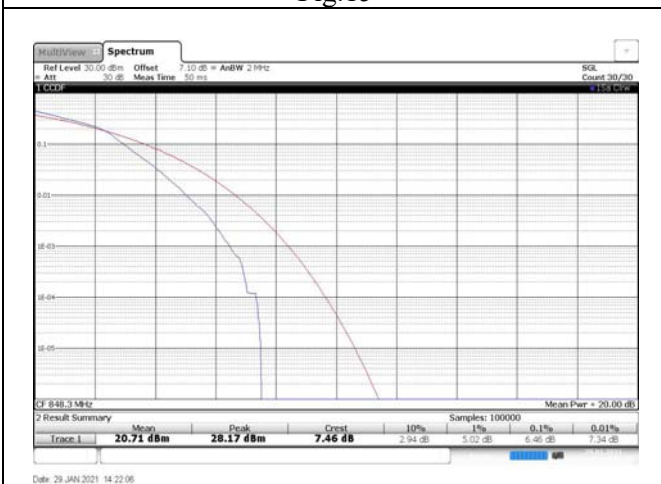


Fig.17

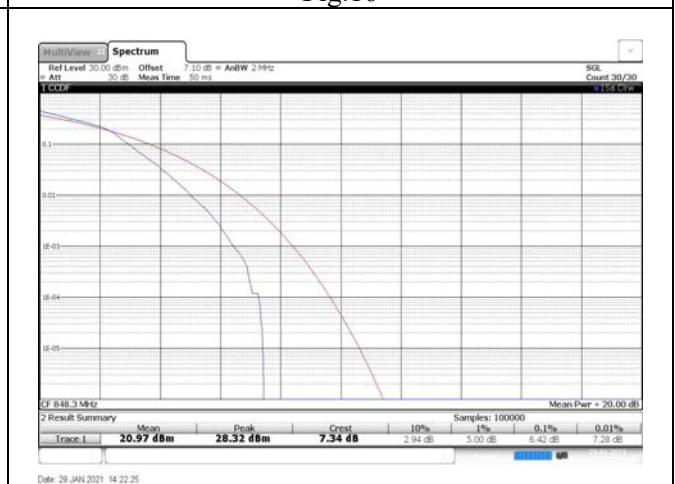


Fig.18

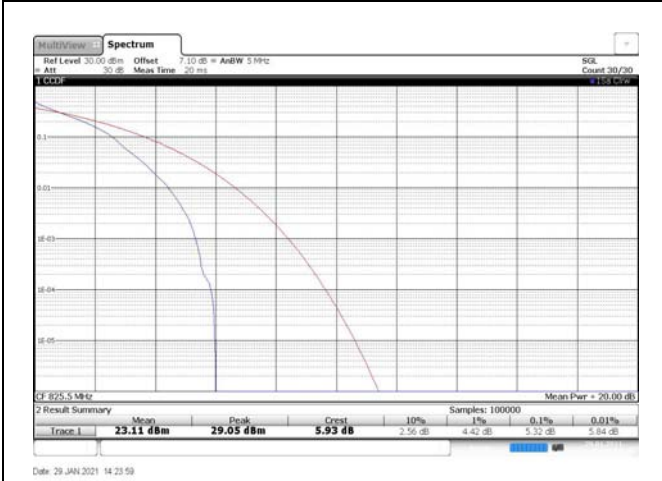


Fig.19

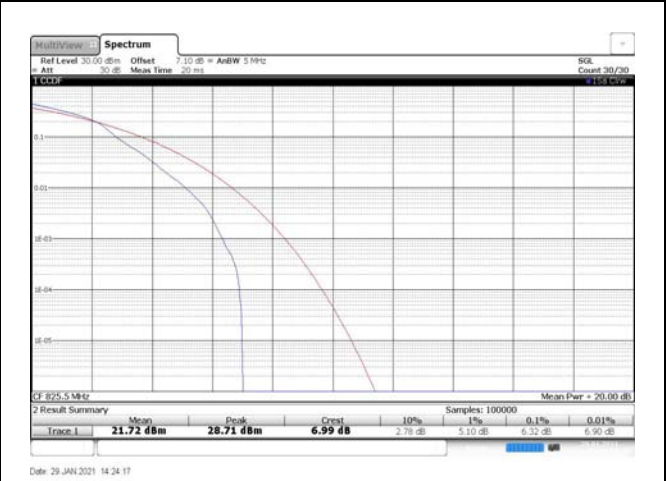


Fig.20

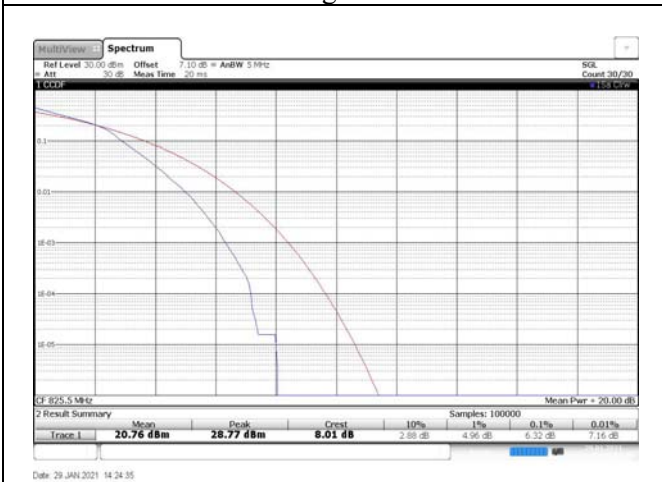


Fig.21

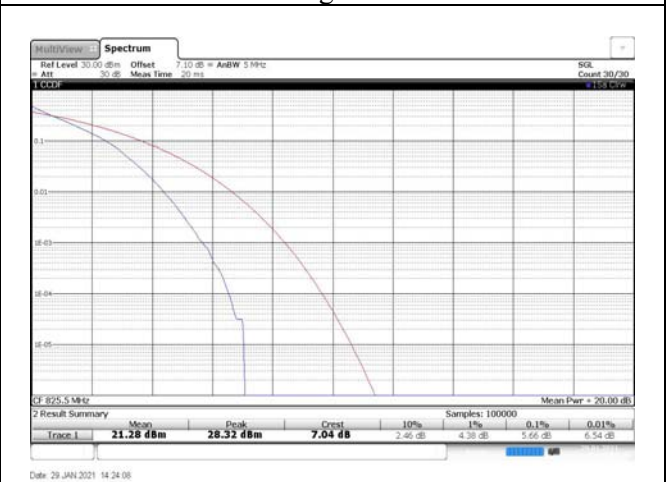


Fig.22



Fig.23

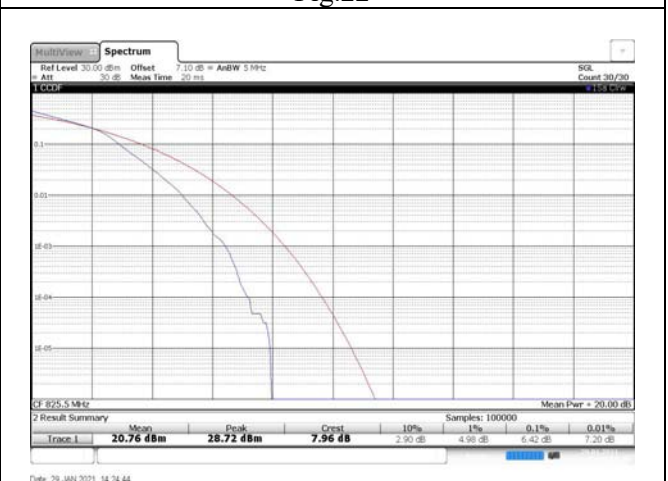


Fig.24

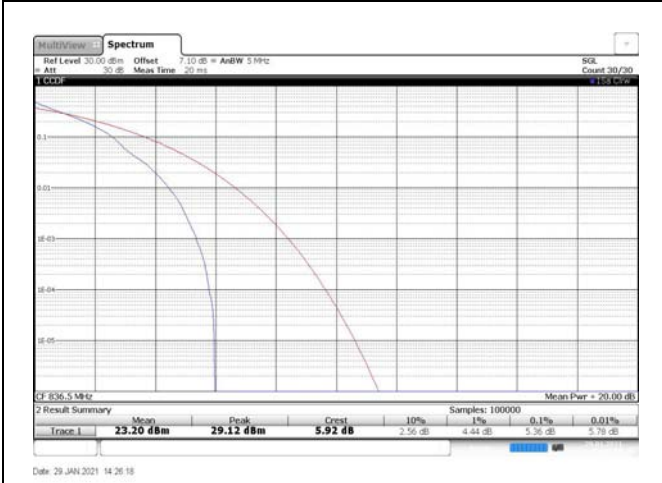


Fig.25

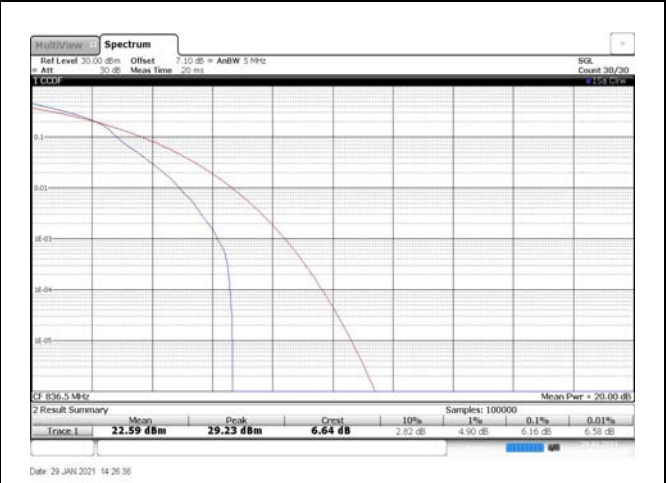


Fig.26

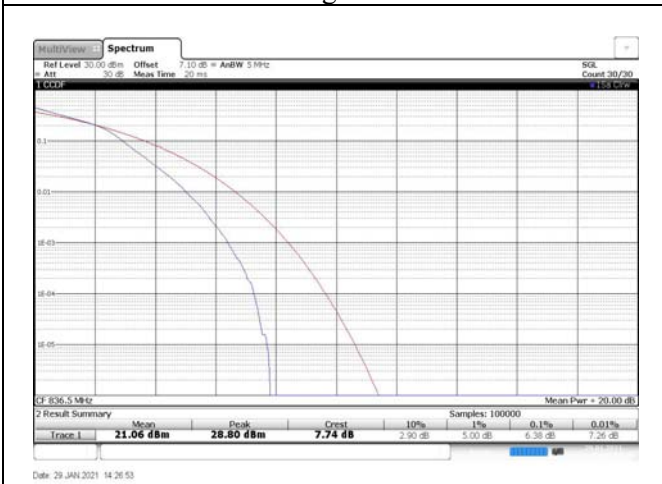


Fig.27

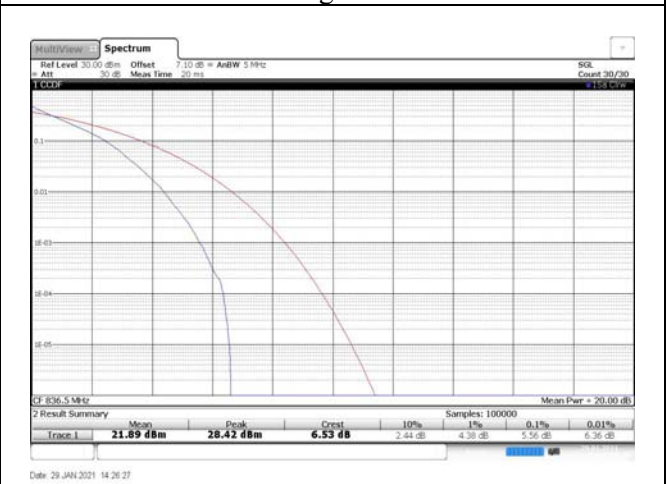


Fig.28

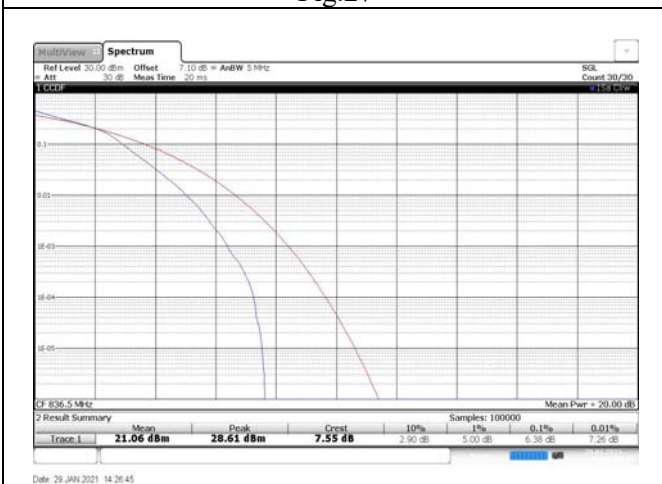


Fig.29

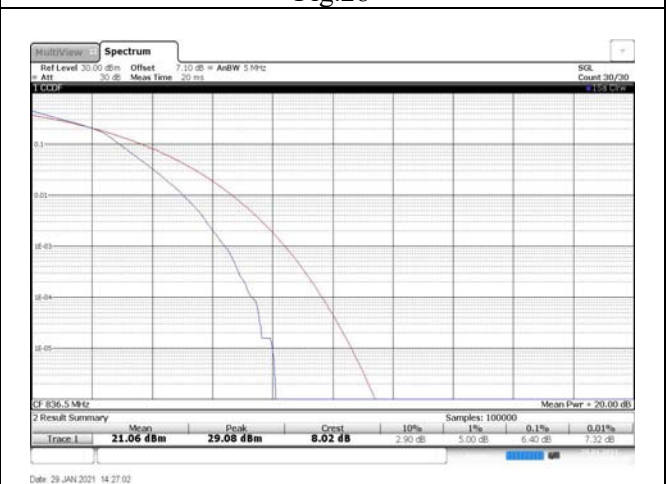


Fig.30

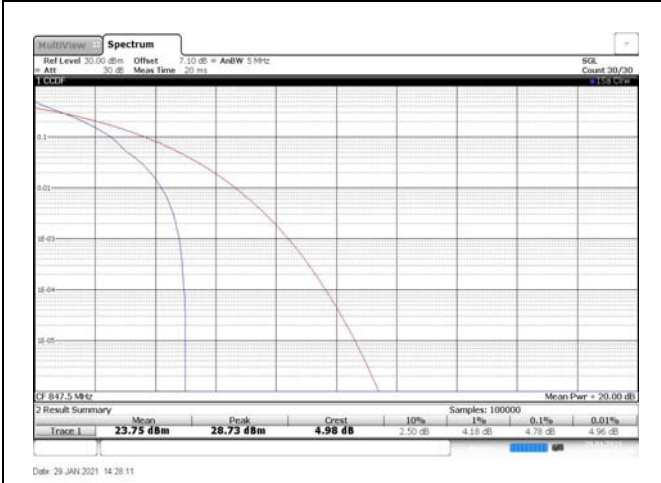


Fig.31

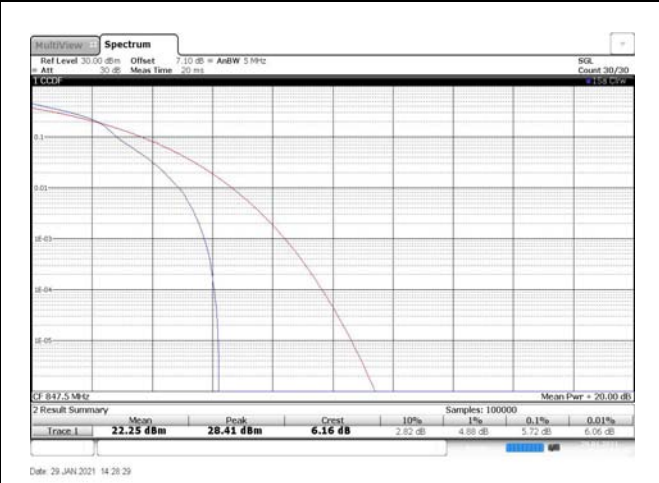


Fig.32

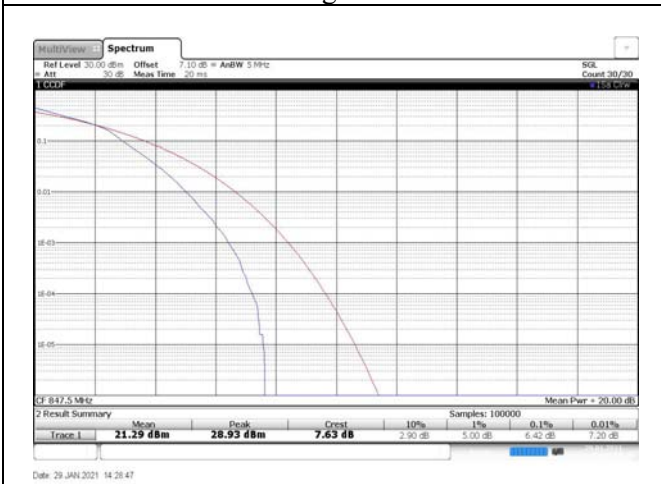


Fig.33

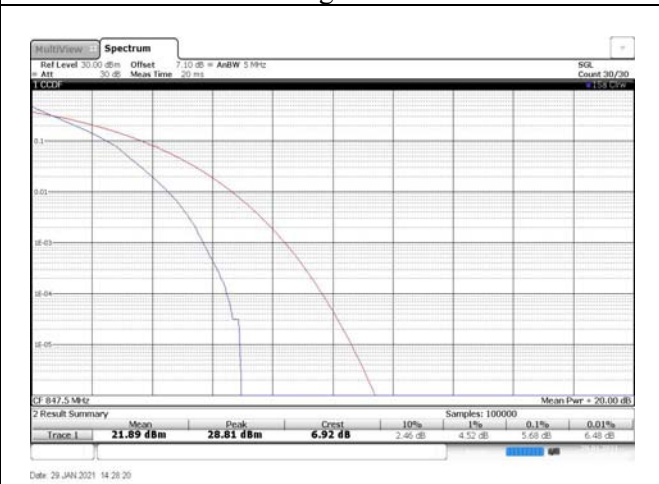


Fig.34

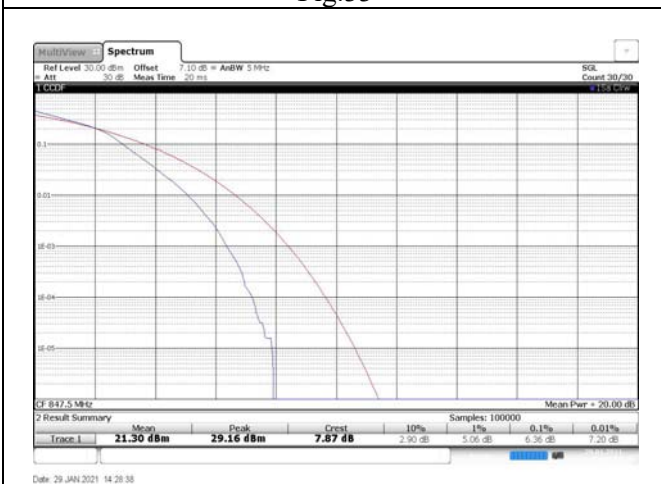


Fig.35

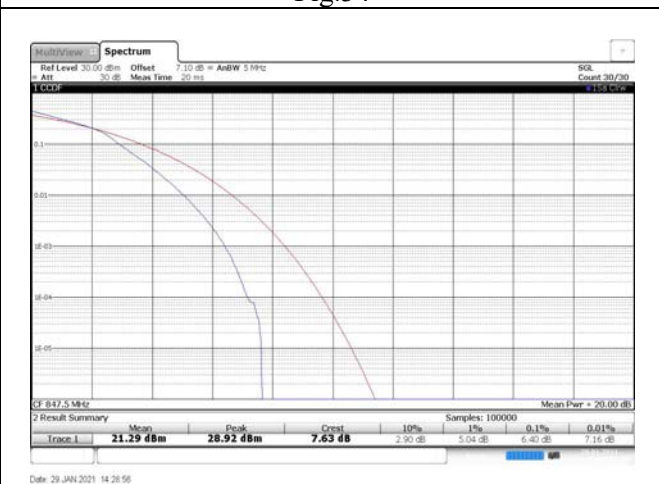


Fig.36

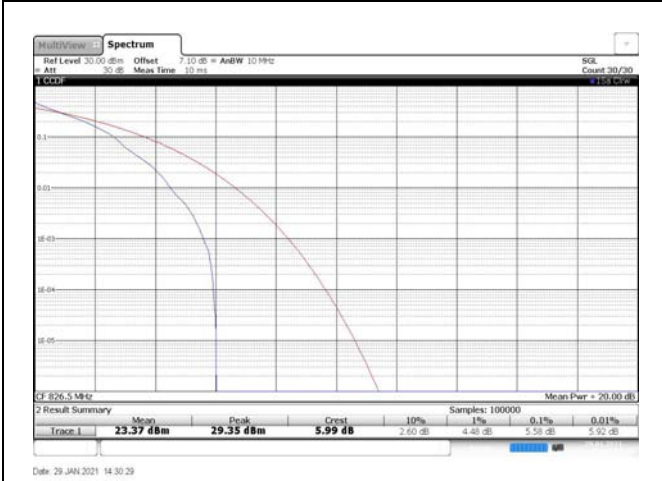


Fig.37

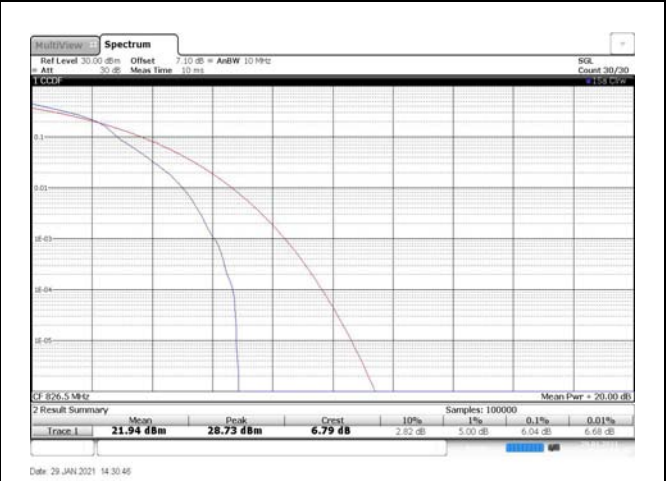


Fig.38

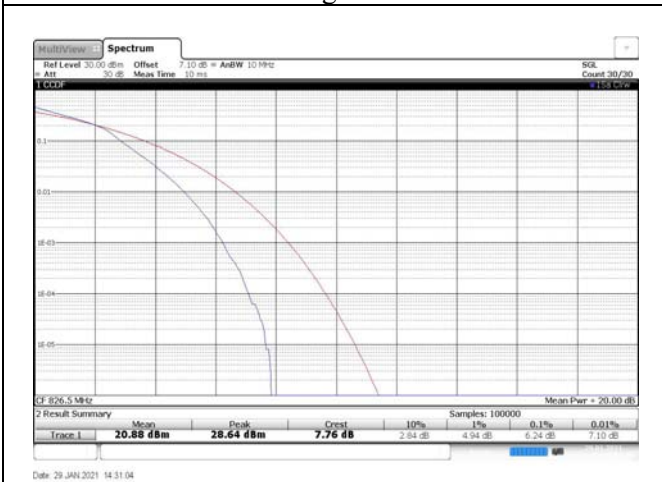


Fig.39

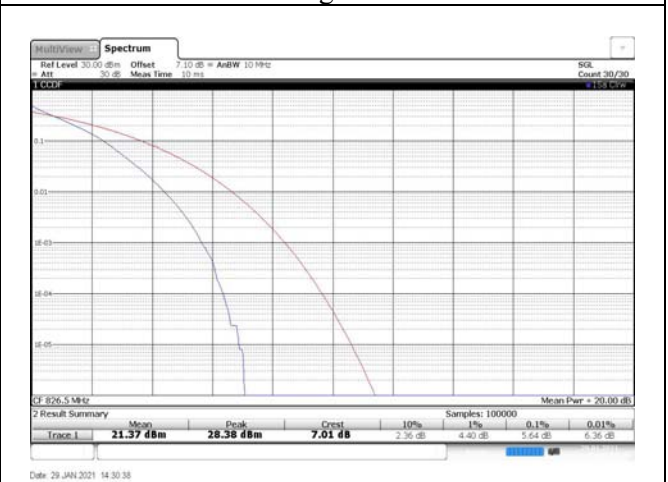


Fig.40

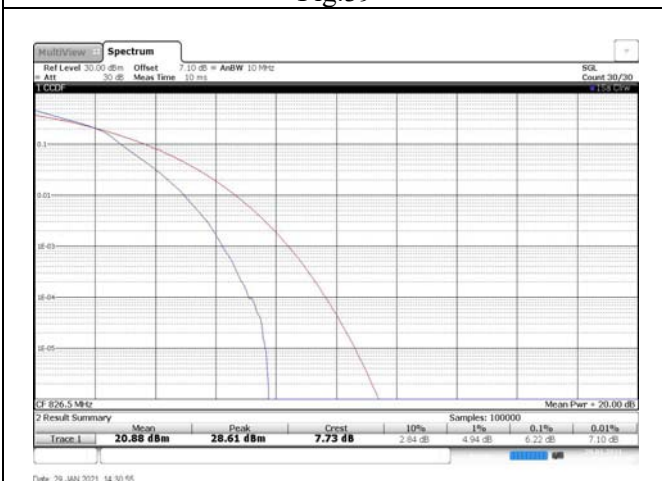


Fig.41

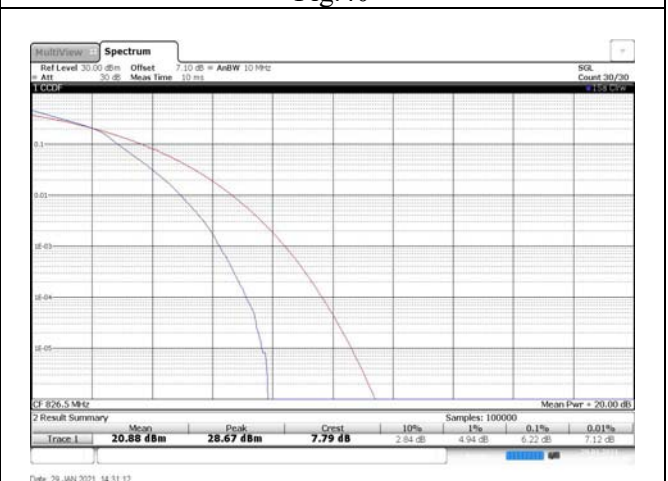


Fig.42

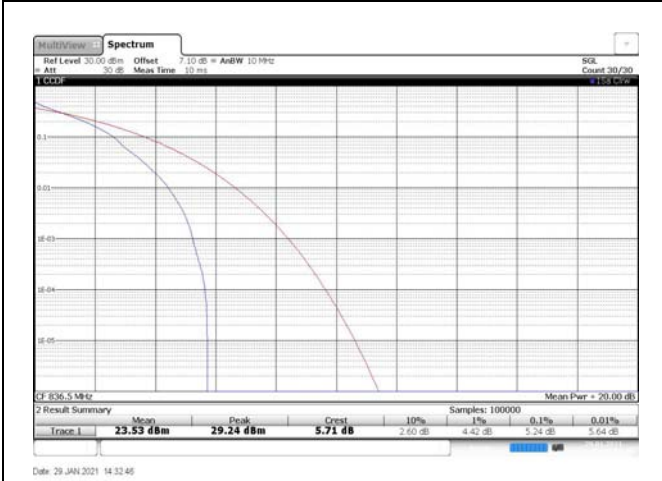


Fig.43

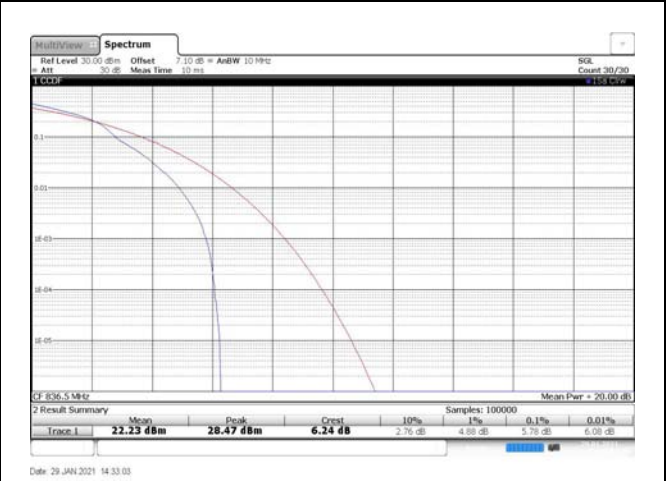


Fig.44

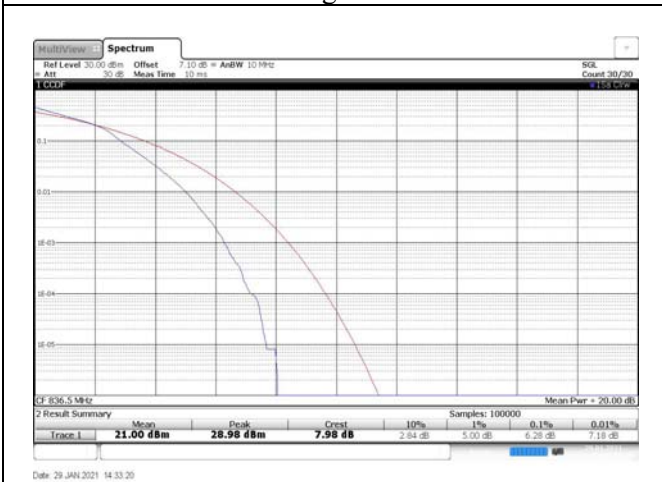


Fig.45

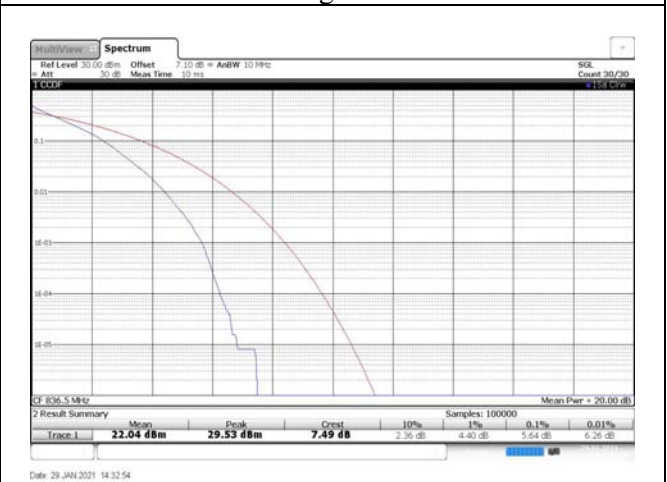


Fig.46

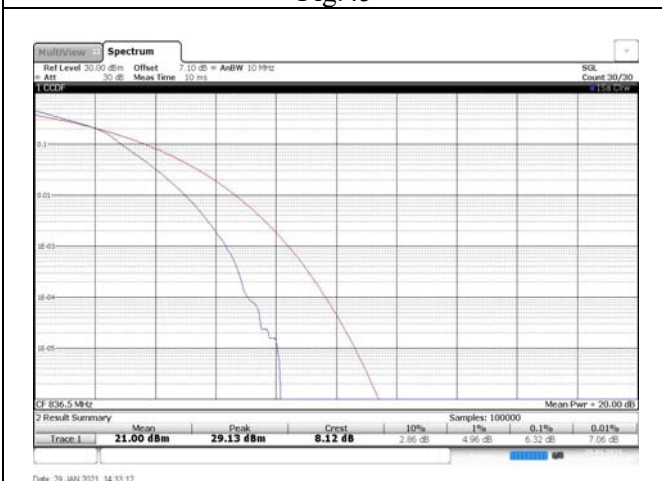


Fig.47

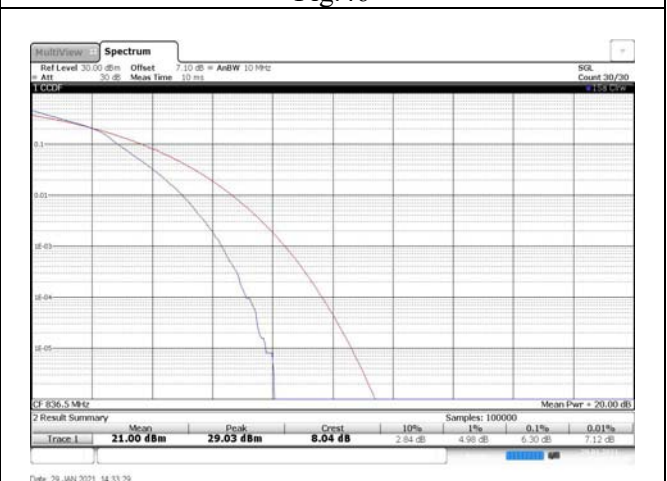


Fig.48

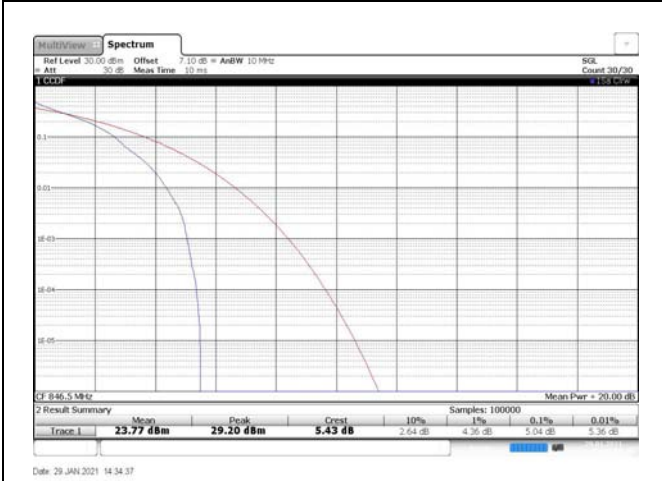


Fig.49

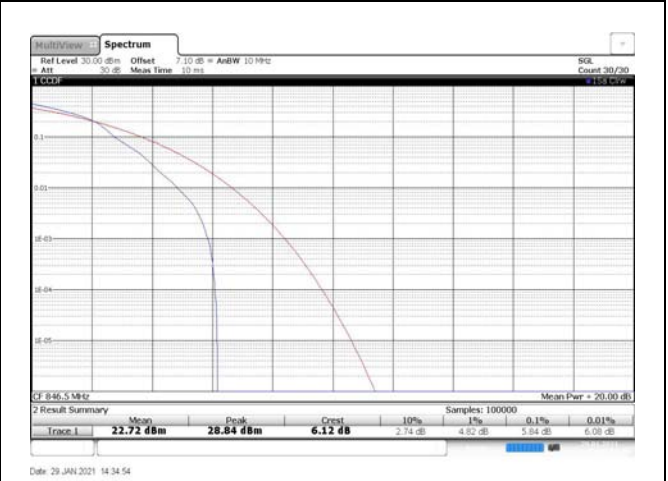


Fig.50

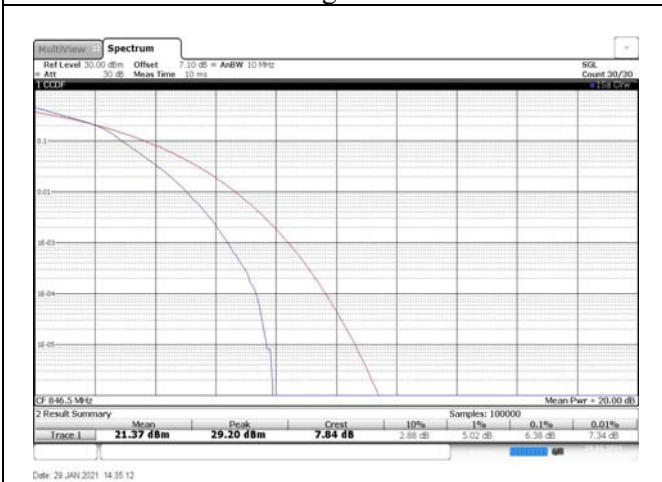


Fig.51

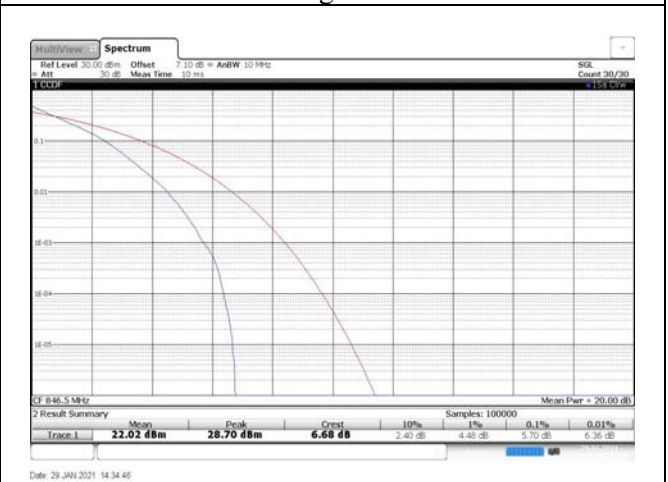


Fig.52

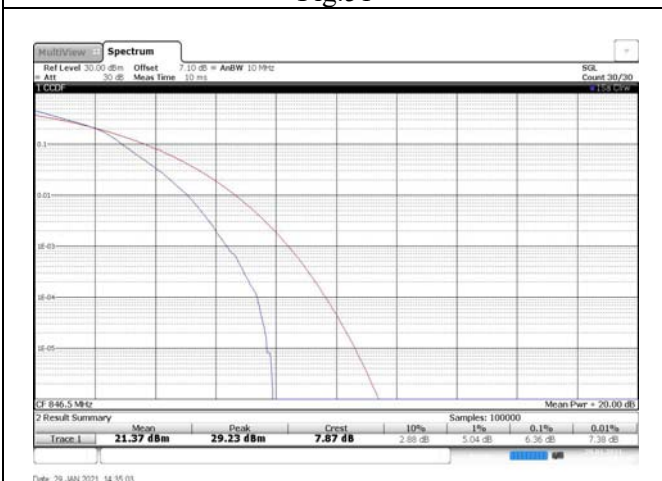


Fig.53

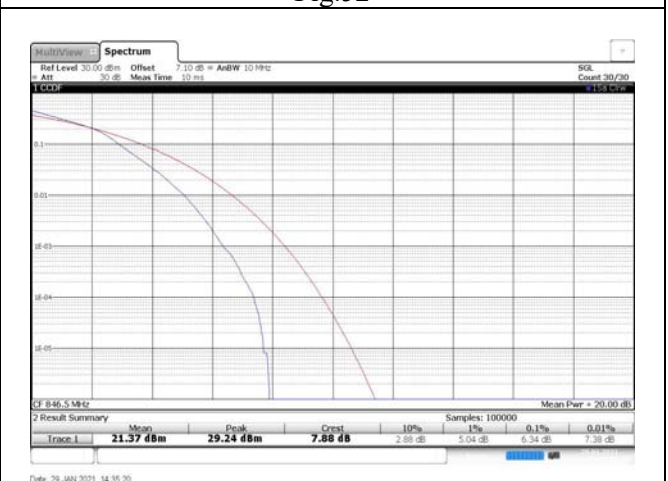


Fig.54

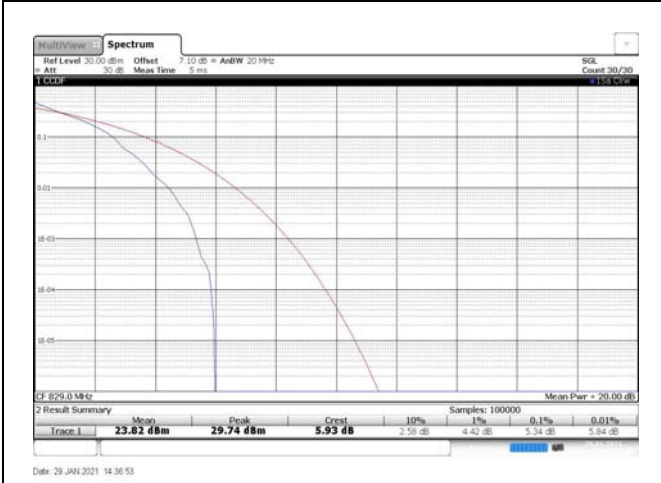


Fig.55

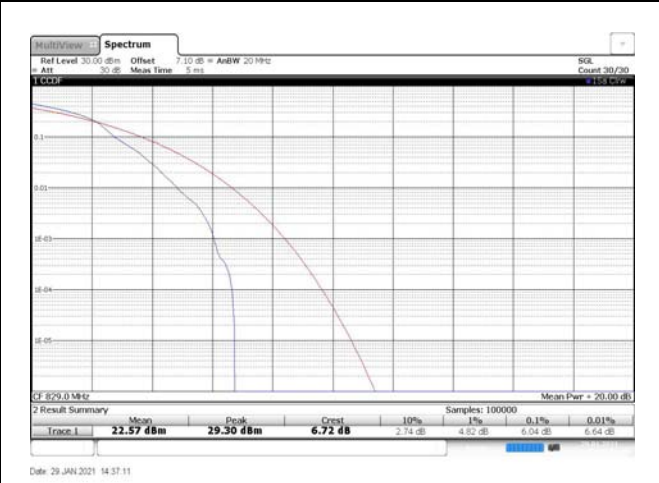


Fig.56

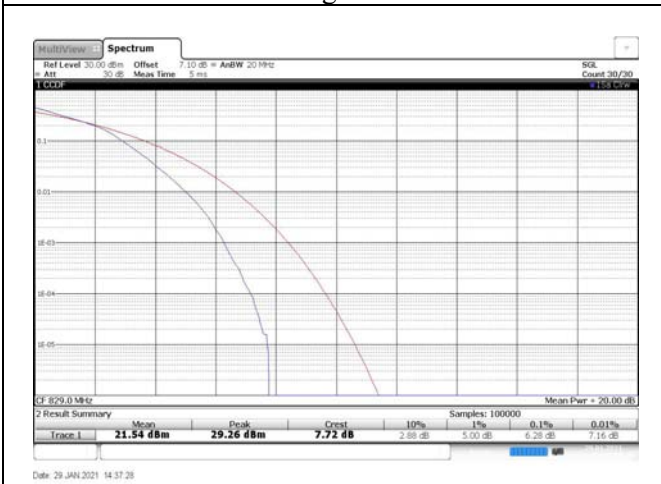


Fig.57

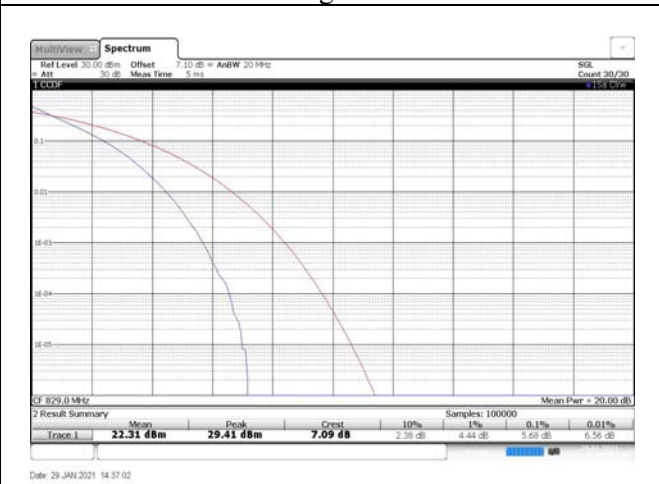


Fig.58

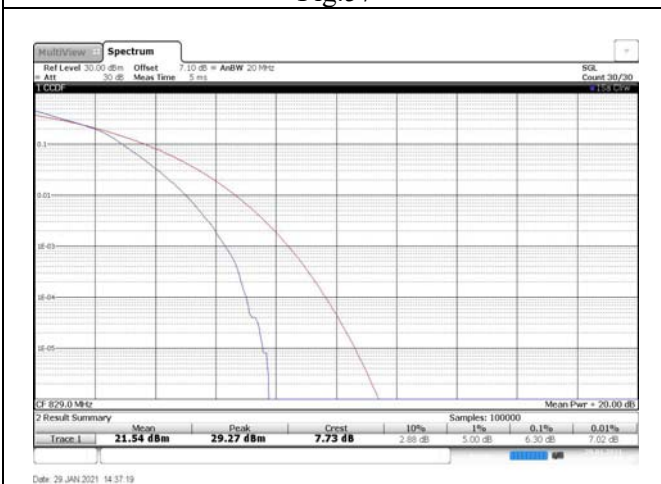


Fig.59

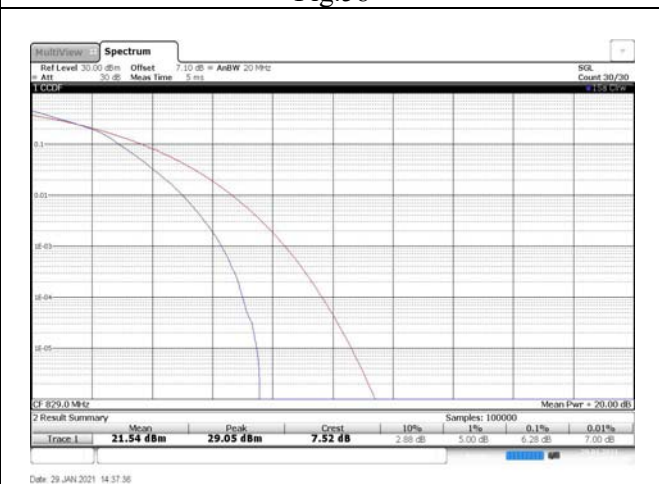


Fig.60

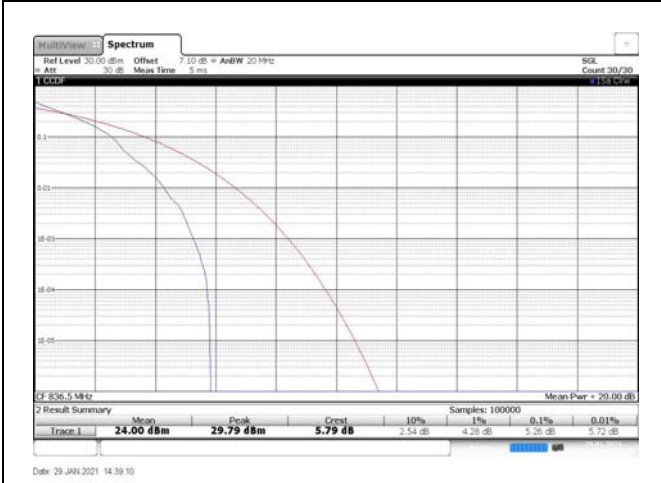


Fig.61

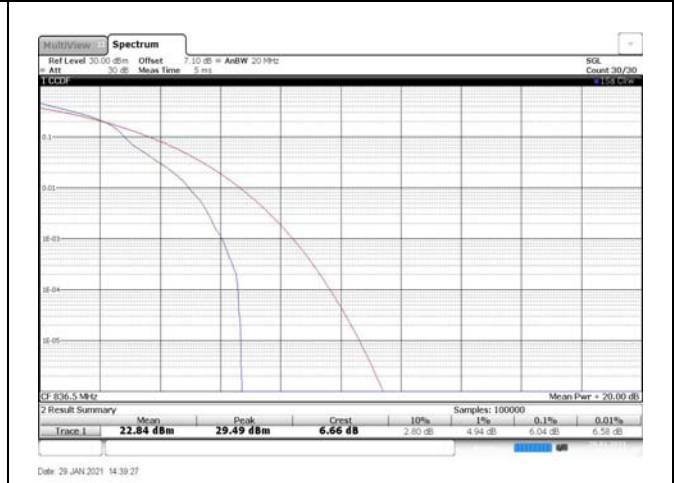


Fig.62

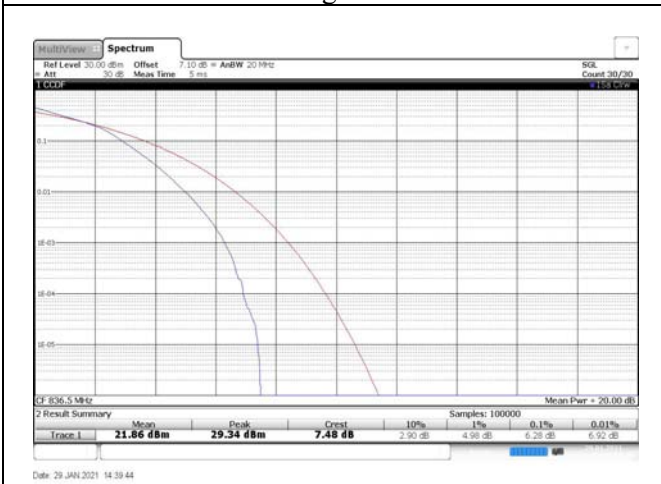


Fig.63

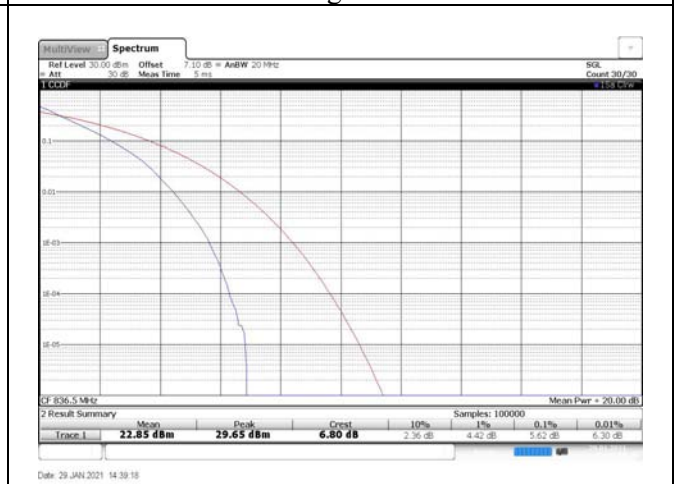


Fig.64

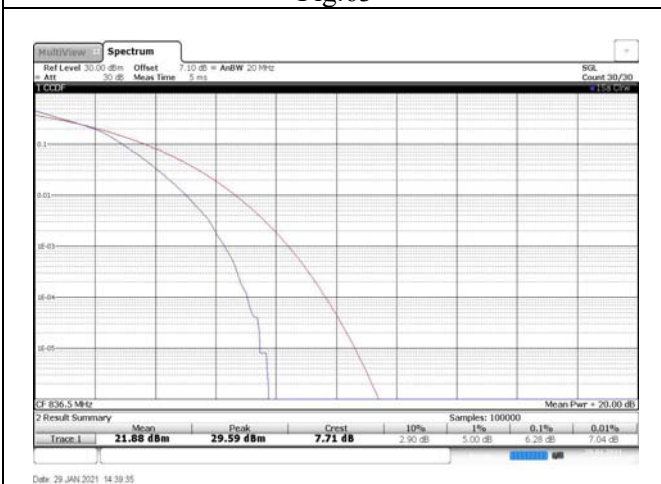


Fig.65

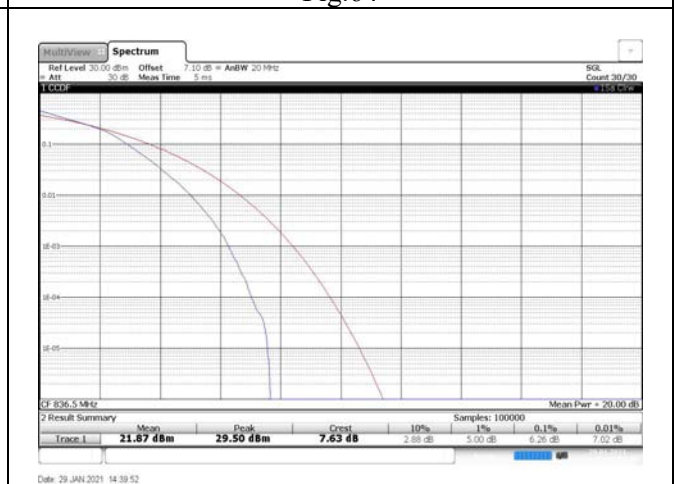


Fig.66

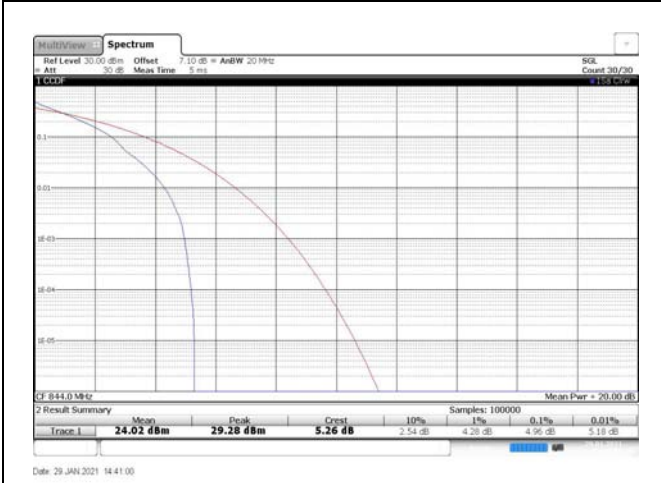


Fig.67

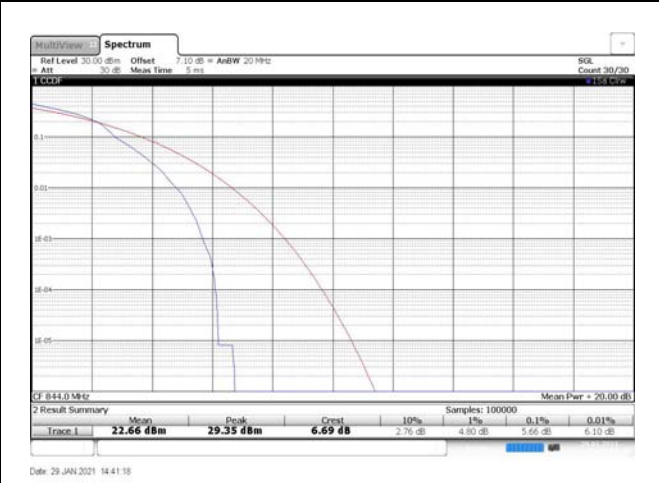


Fig.68

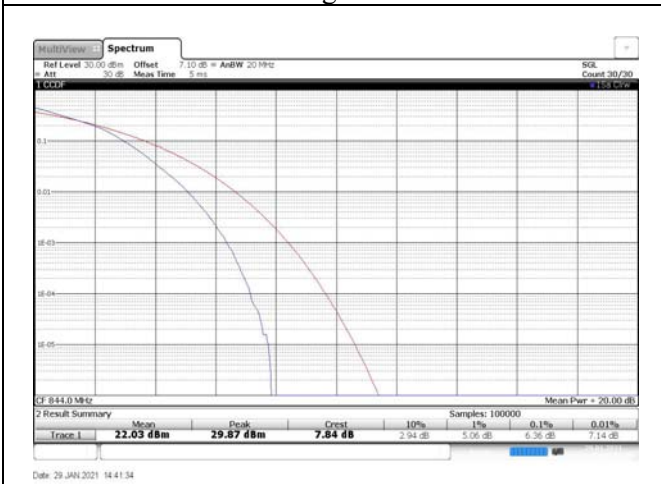


Fig.69

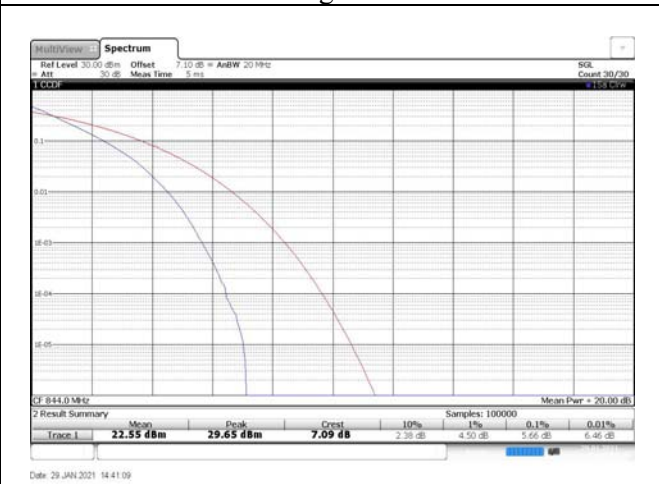


Fig.70

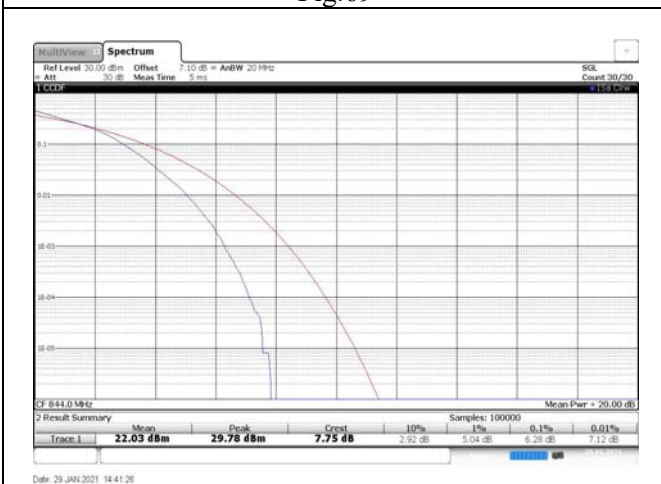


Fig.71

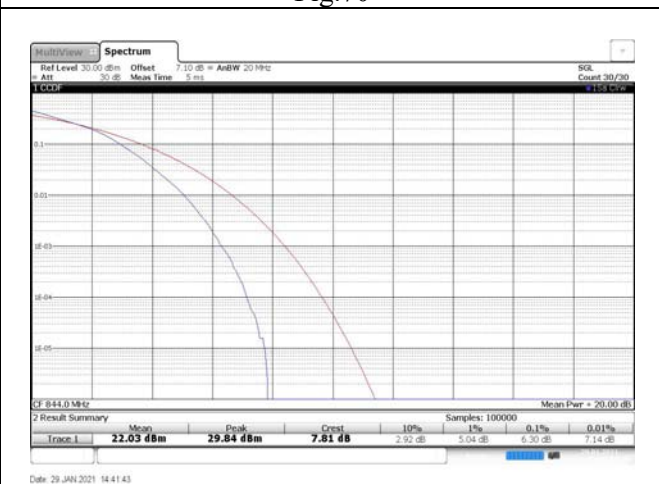


Fig.72

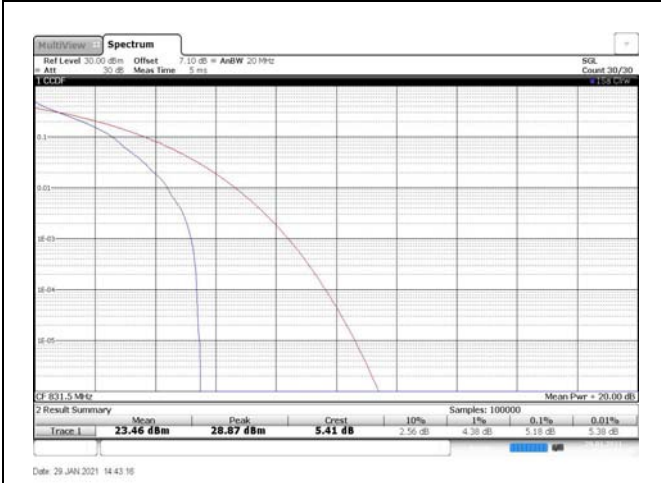


Fig.73

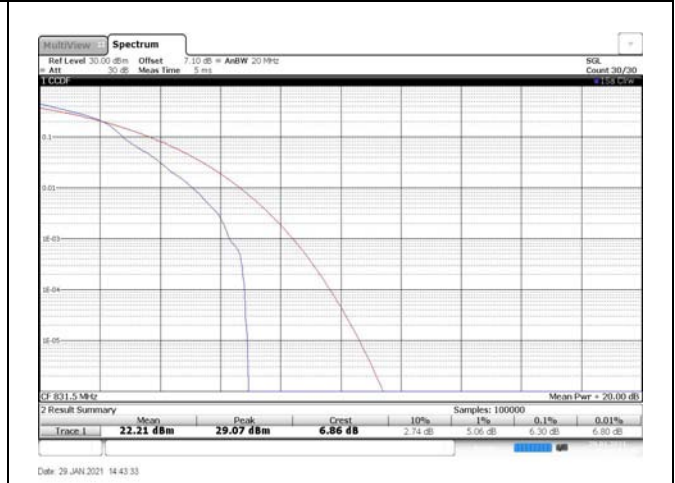


Fig.74

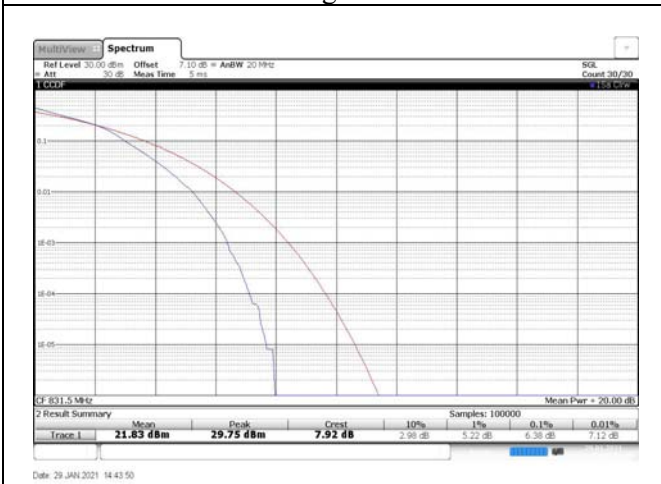


Fig.75

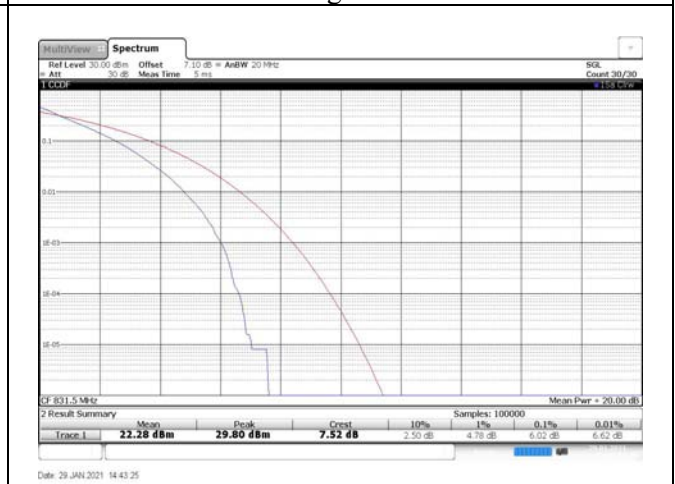


Fig.76

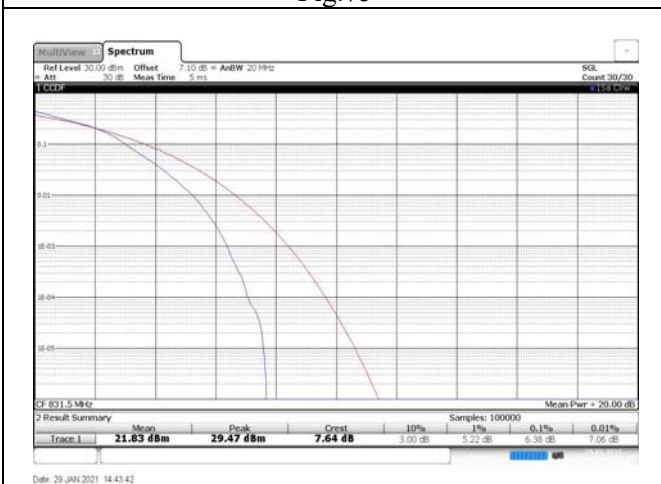


Fig.77

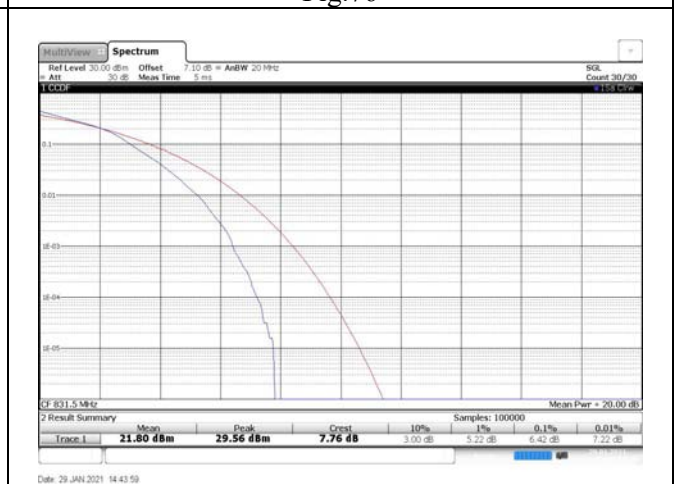


Fig.78

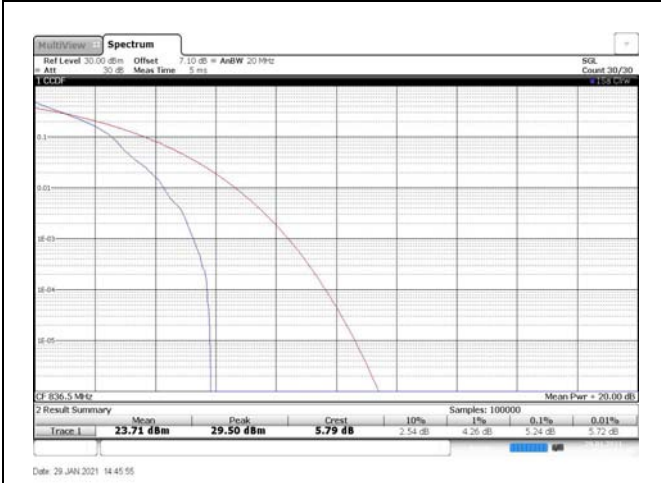


Fig.79

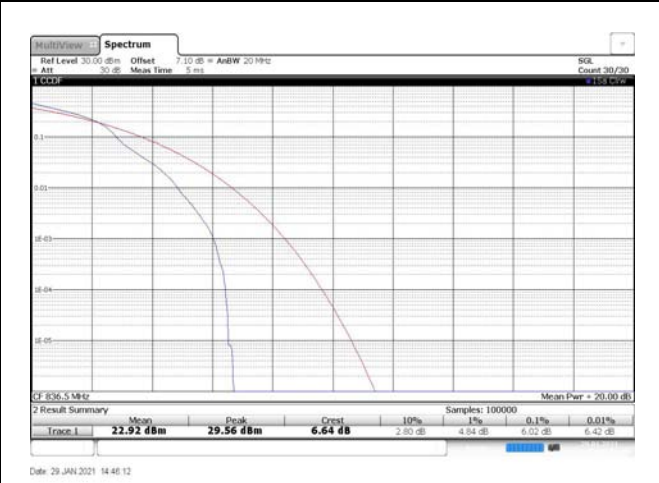


Fig.80

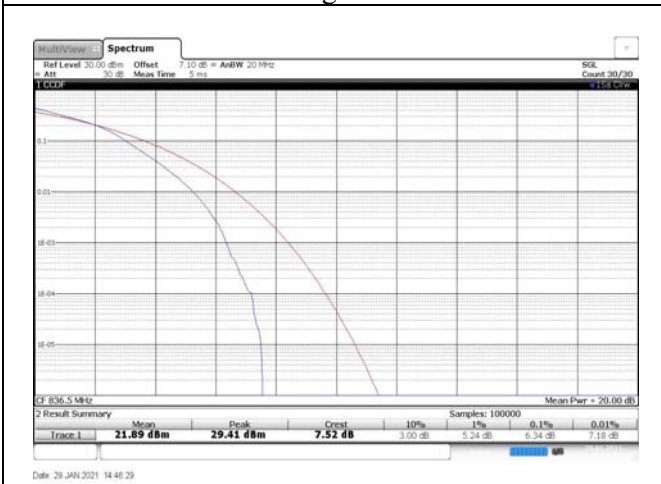


Fig.81

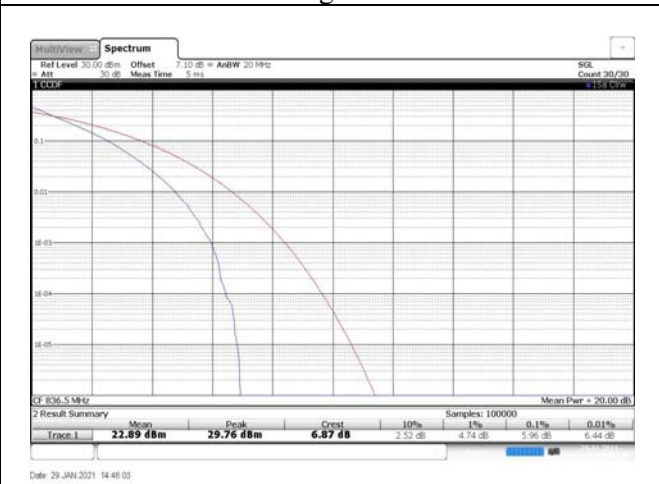


Fig.82

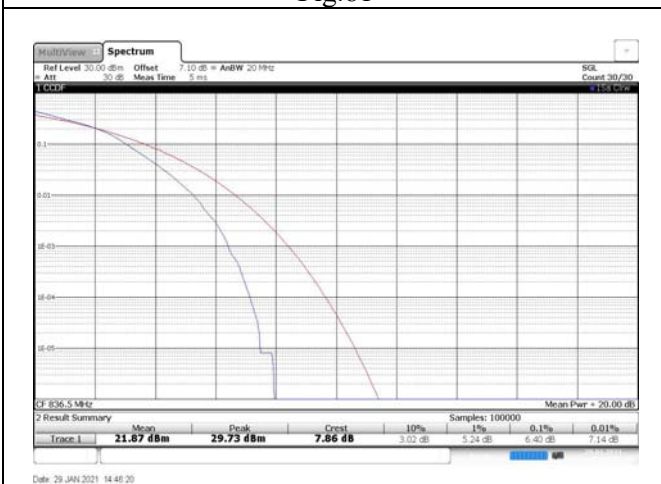


Fig.83

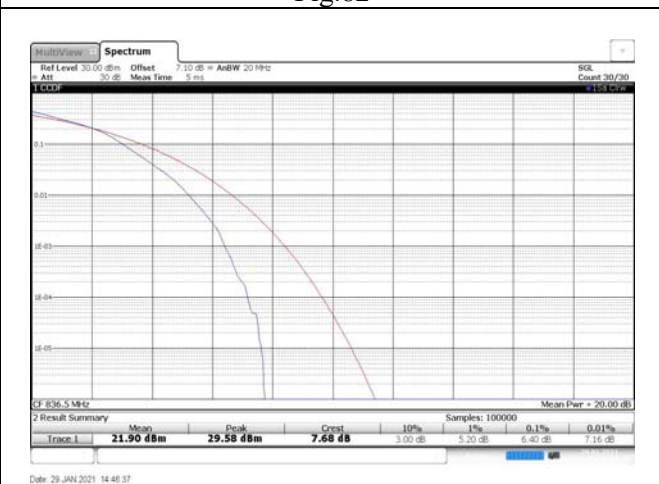


Fig.84

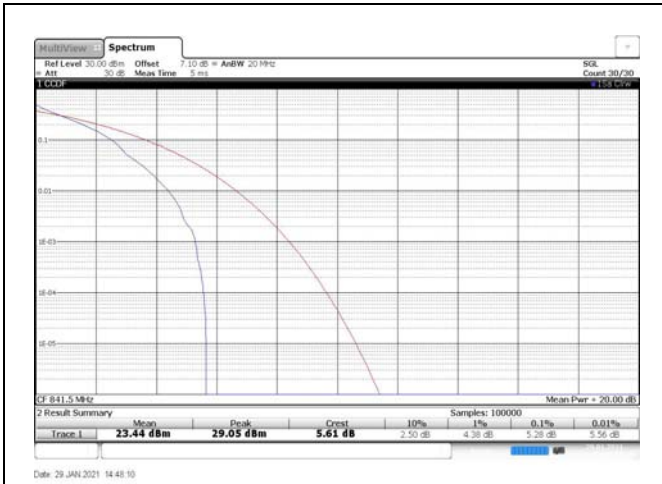


Fig.85

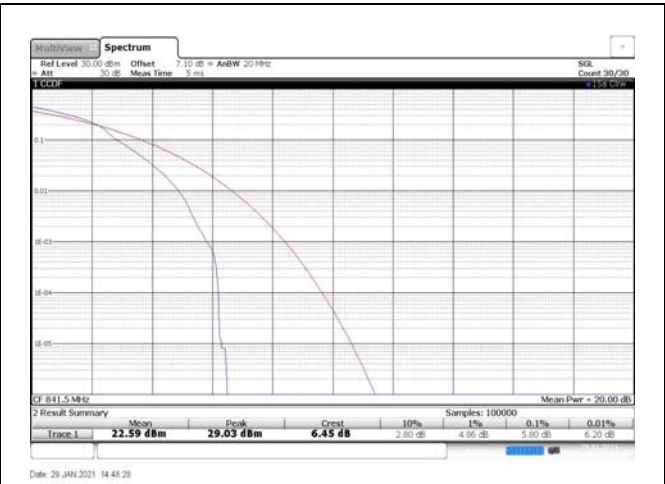


Fig.86

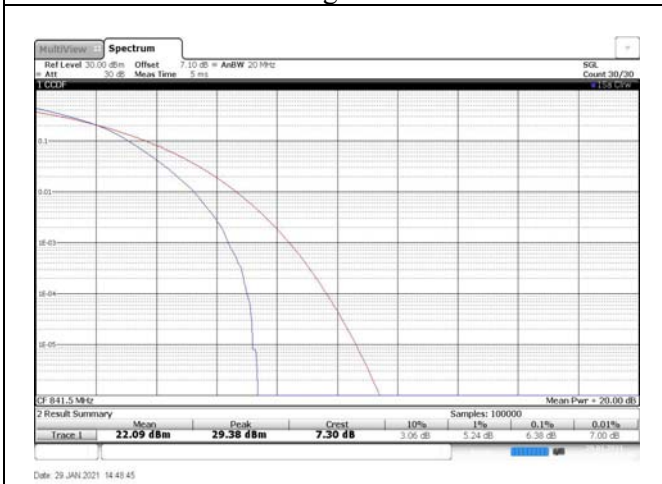


Fig.87

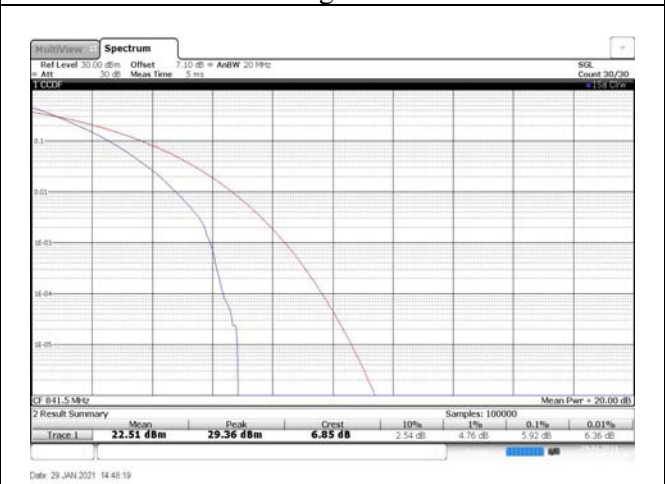


Fig.88

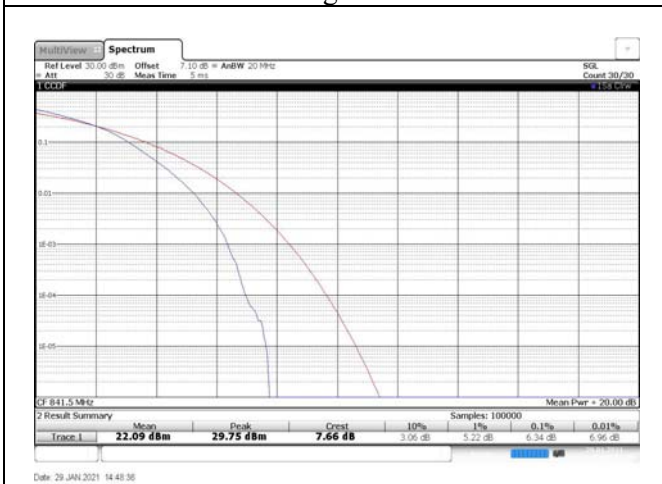


Fig.89

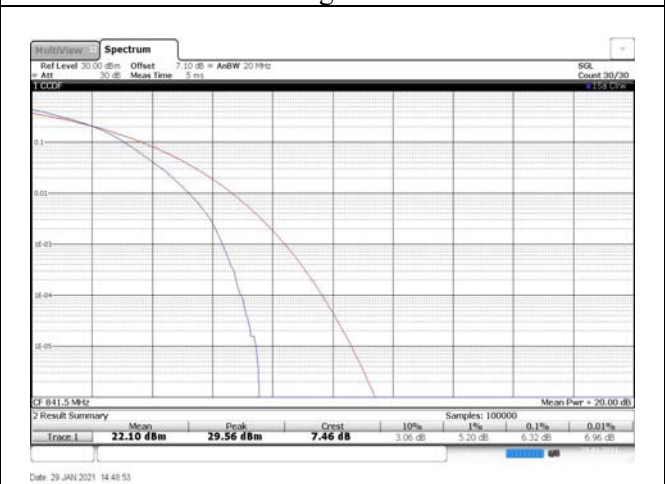


Fig.90

5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
26	831.5	26865	15	1	0	Fig.1
	836.5	26915		1	0	Fig.2
	841.5	26965		1	0	Fig.3

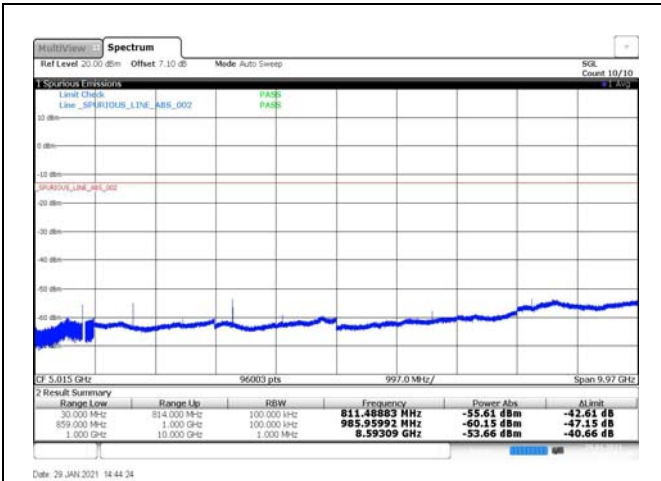


Fig.1

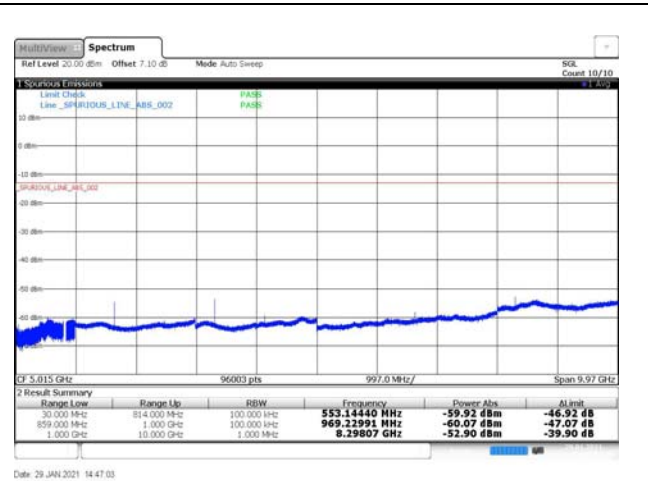


Fig.2

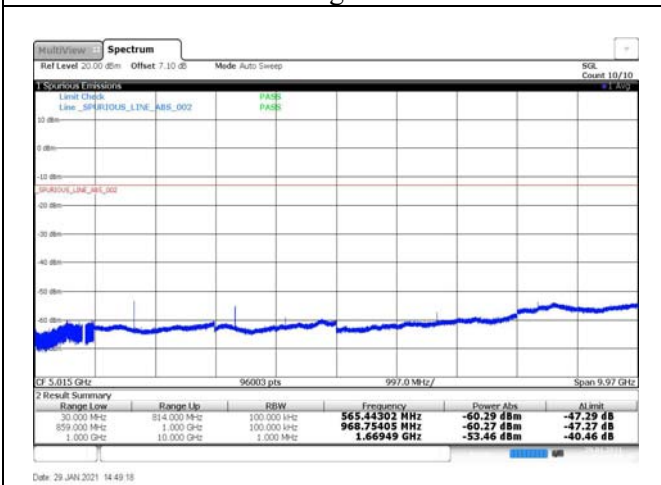


Fig.3

6 Band Edges Compliance

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
						QPSK
26	824.7	26797	1.4	1	0	Fig.1
				6	0	Fig.2
	1	5		Fig.3		
	6	0		Fig.4		
	848.3	27033	3	1	0	Fig.5
				15	0	Fig.6
	1	14		Fig.7		
	15	0		Fig.8		
	825.5	26805	5	1	0	Fig.9
				25	0	Fig.10
	1	24		Fig.11		
	25	0		Fig.12		
	847.5	27025	10	1	0	Fig.13
				50	0	Fig.14
	1	49		Fig.15		
	50	0		Fig.16		
	826.5	26815	15	1	0	Fig.17
				75	0	Fig.18
	1	74		Fig.19		
	75	0		Fig.20		
846.5	27015					
829	26840					
844	26990					
831.5	26865					
841.5	26965					

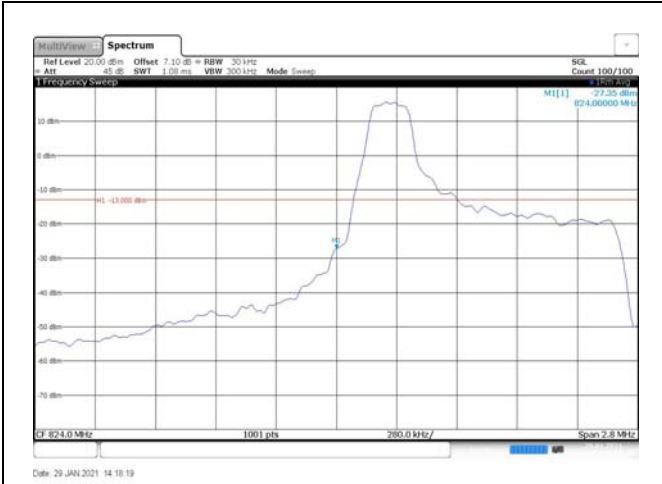


Fig.1

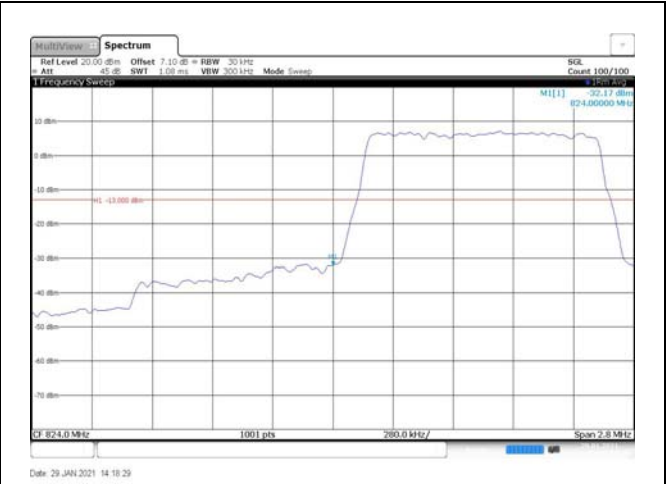


Fig.2

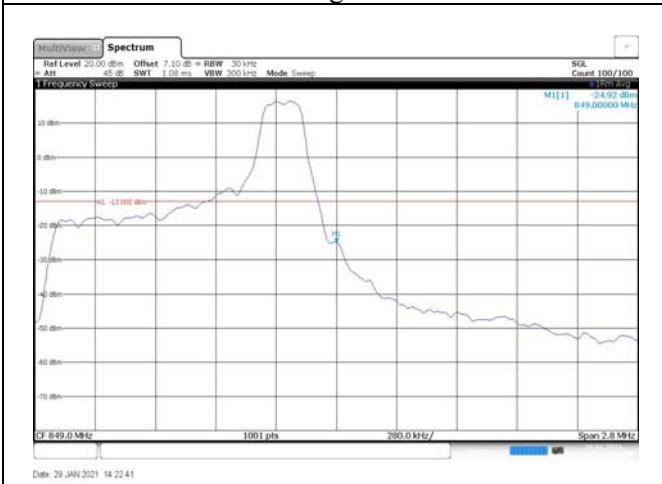


Fig.3

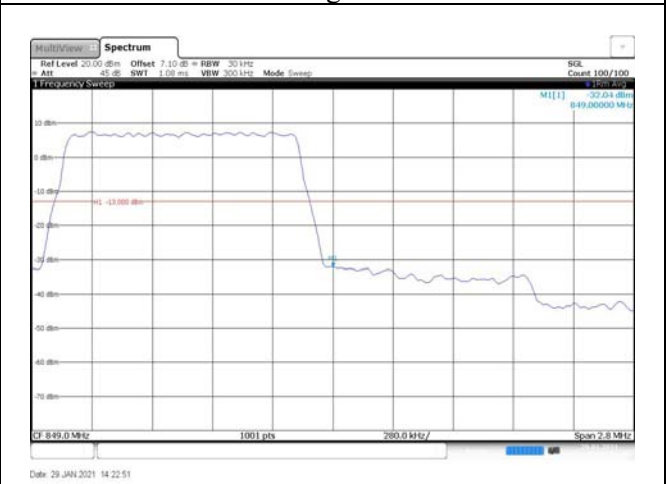


Fig.4

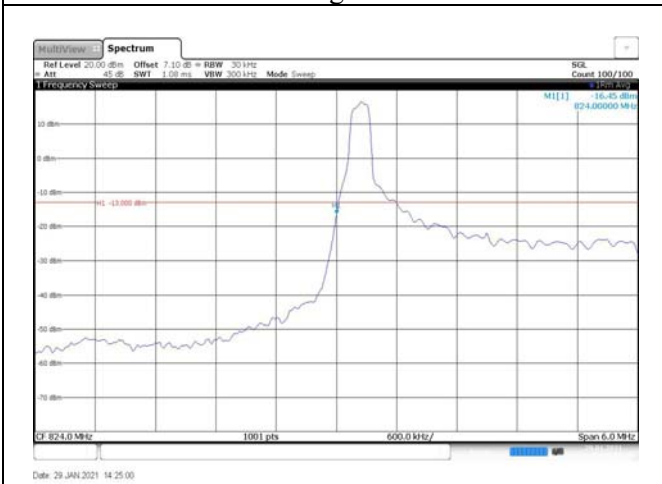


Fig.5

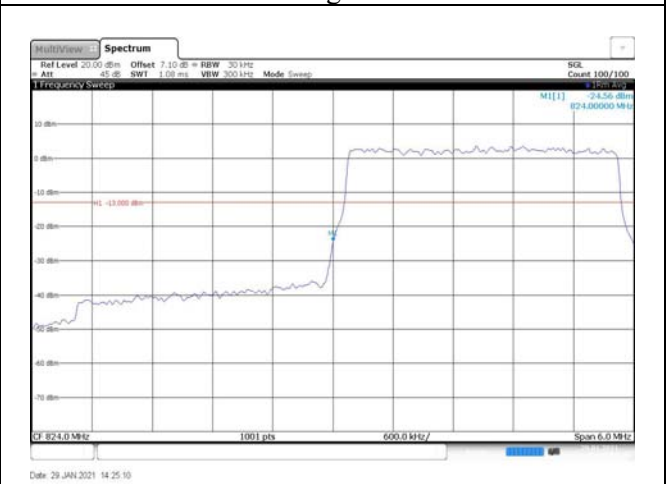
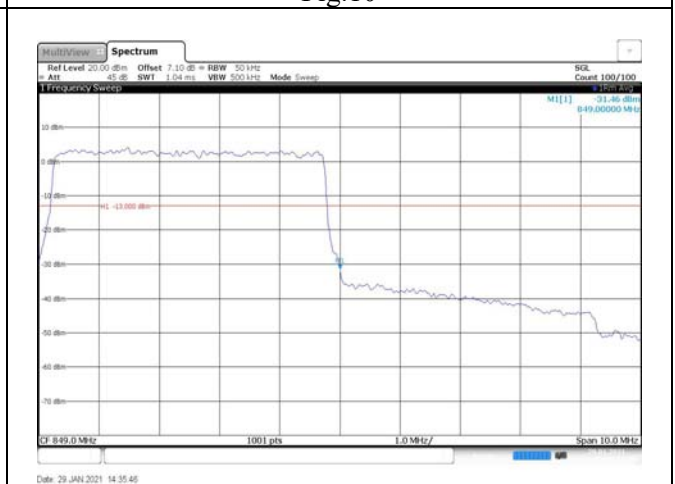
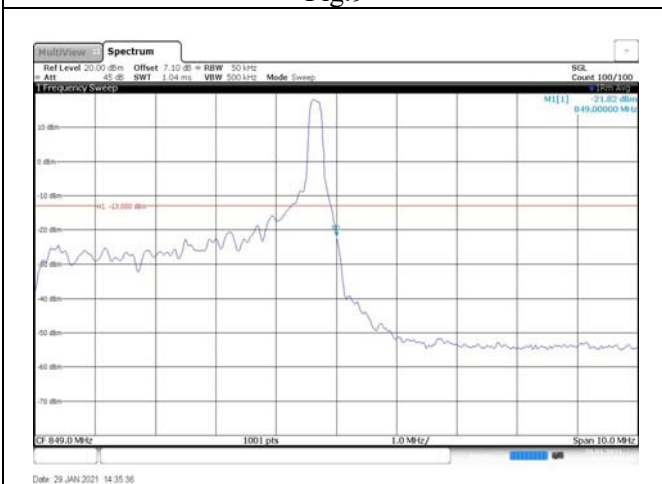
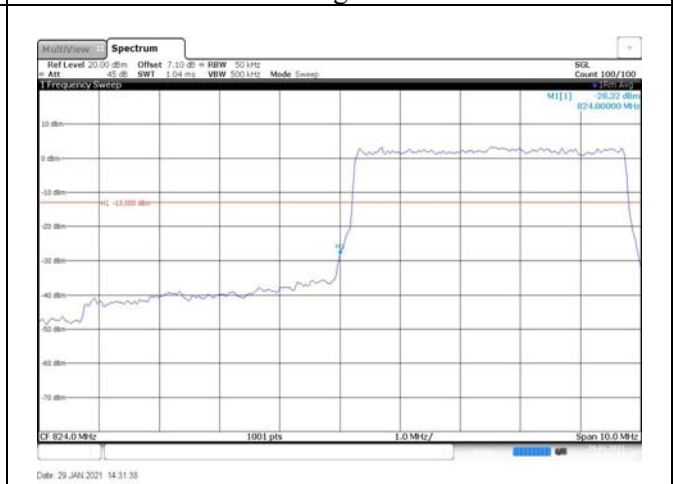
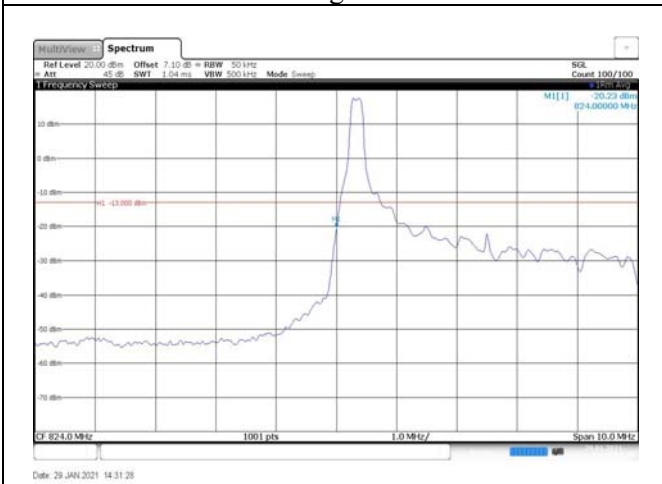
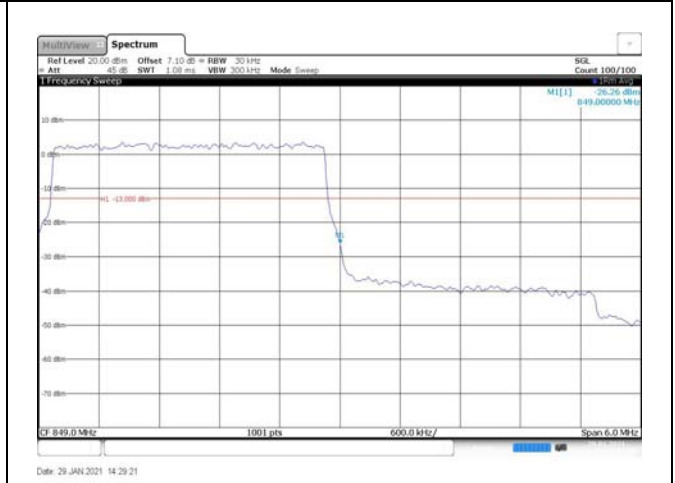
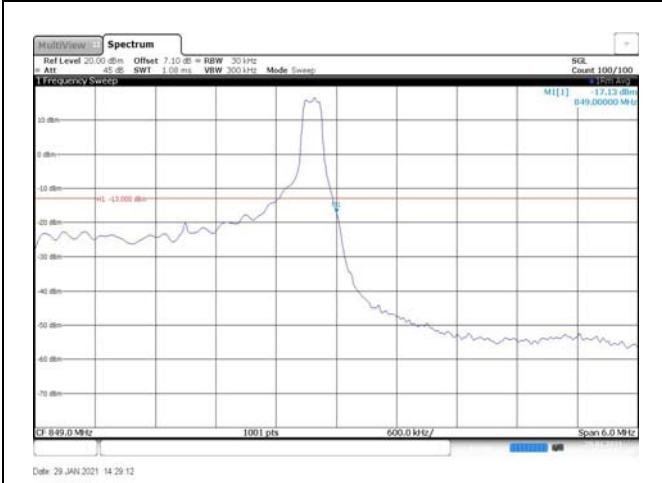


Fig.6



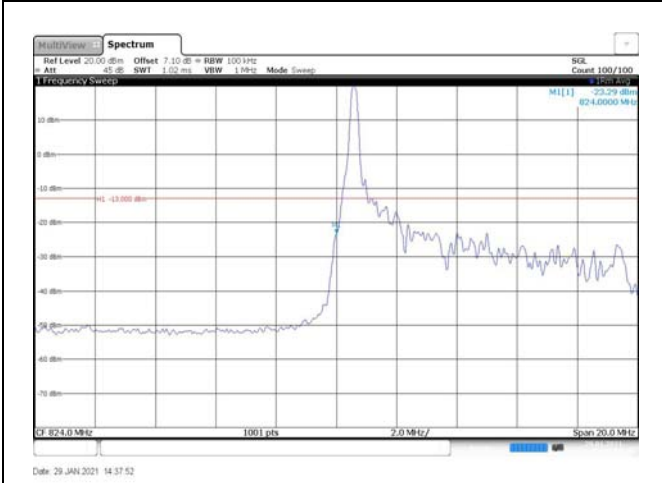


Fig.13

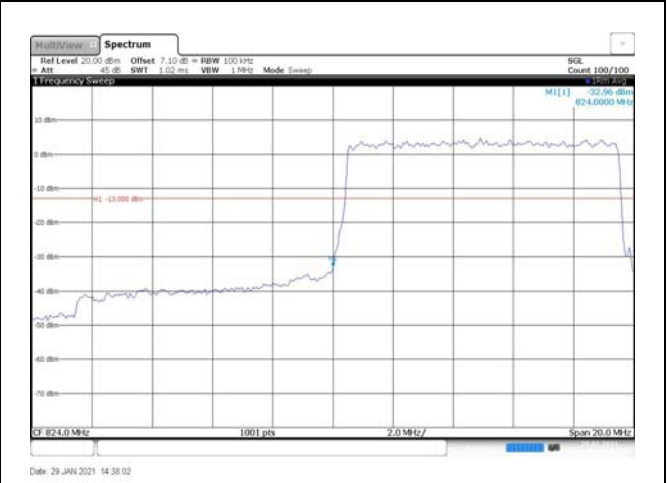


Fig.14

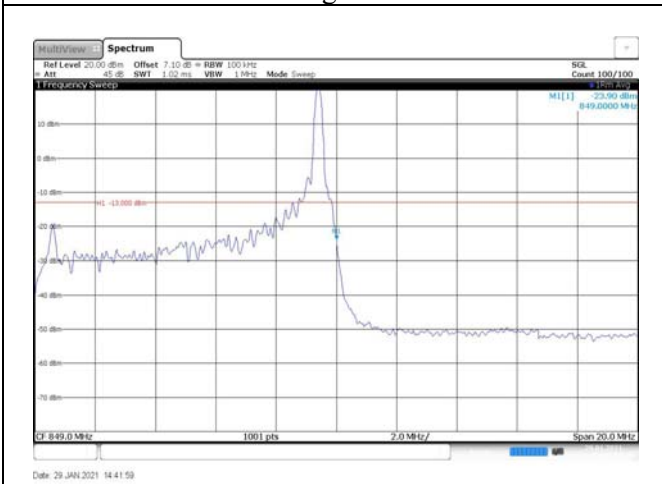


Fig.15

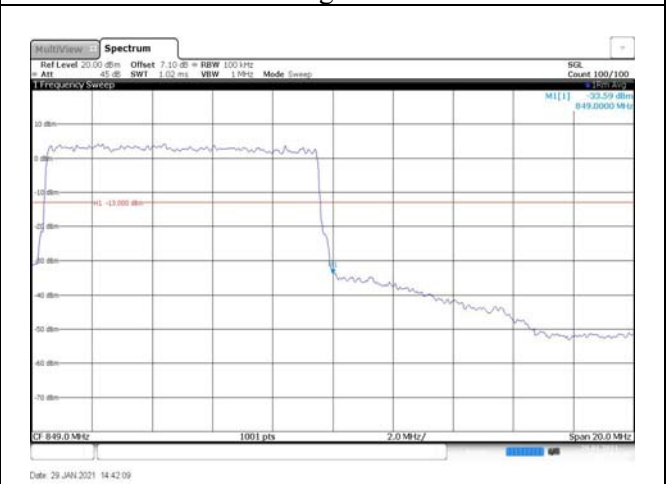


Fig.16

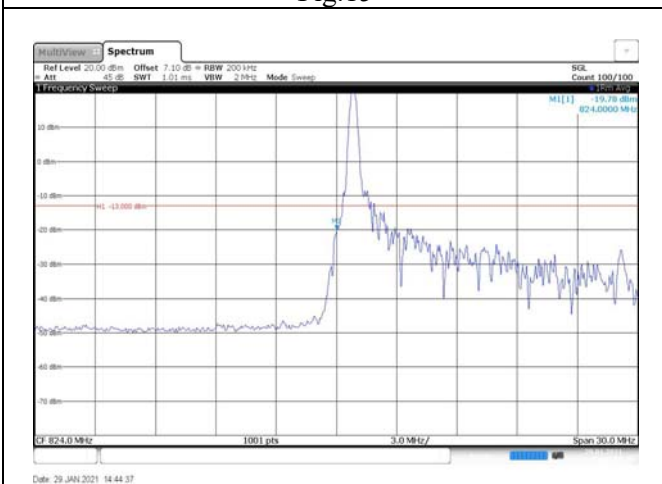


Fig.17

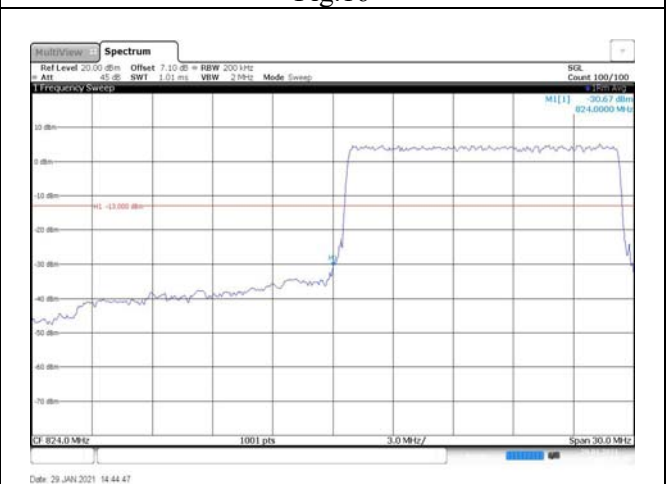


Fig.18

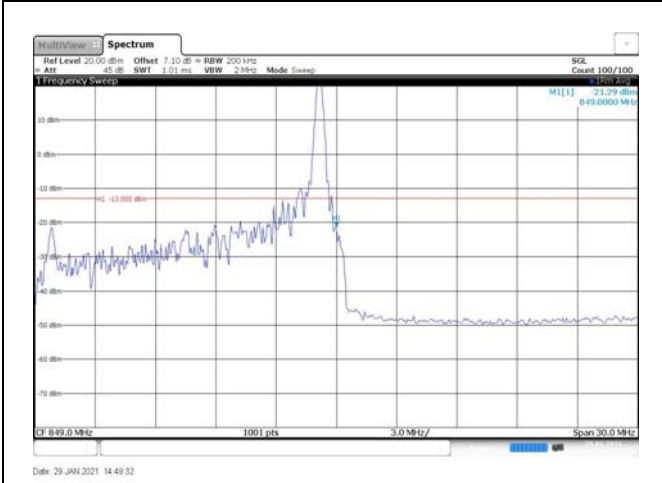


Fig.19

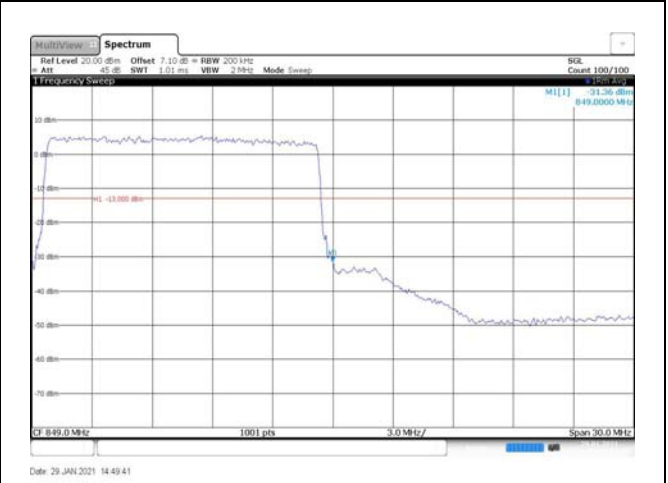


Fig.20

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band26(824-849) Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-30	NV	-0.046	-0.002	-0.039	-0.048	-0.033	---
-20	NV	-0.011	-0.058	-0.037	-0.008	-0.061	---
-10	NV	-0.051	-0.006	-0.046	-0.033	-0.025	---
0	NV	-0.009	-0.058	-0.003	-0.007	-0.067	---
+10	NV	-0.047	-0.005	-0.053	-0.037	-0.020	---
+20	NV	0.000	0.000	0.000	0.000	0.000	---
+30	NV	-0.012	0.001	-0.032	-0.055	-0.018	---
+40	NV	-0.019	0.002	-0.051	-0.057	-0.032	---
+50	NV	-0.009	-0.055	-0.077	-0.006	-0.030	---
+20	LV	-0.014	-0.009	-0.037	-0.044	-0.053	---
+20	HV	-0.063	0.001	-0.045	-0.009	-0.034	---

Temperature(°C)	Voltage	Test Result (ppm) Band26(824-849) High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-30	NV	-0.028	-0.006	-0.033	-0.020	-0.040	---
-20	NV	-0.030	-0.001	-0.024	-0.027	0.001	---
-10	NV	-0.015	-0.054	-0.025	-0.017	-0.031	---
0	NV	-0.023	-0.055	-0.030	-0.031	-0.032	---
+10	NV	-0.018	-0.051	-0.015	-0.016	-0.027	---
+20	NV	0.000	0.000	0.000	0.000	0.000	---
+30	NV	-0.019	-0.050	-0.021	-0.029	-0.022	---
+40	NV	-0.014	-0.003	-0.020	-0.018	-0.033	---
+50	NV	-0.026	-0.050	-0.022	-0.031	-0.035	---
+20	LV	-0.048	-0.025	-0.036	-0.040	0.012	---
+20	HV	-0.040	-0.009	-0.029	-0.043	0.017	---

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	824.7	26797	1.4	1	0	23.32	20.23	0.105
				1	3	23.29	20.20	0.105
				1	5	23.37	20.28	0.107
				3	0	22.77	19.68	0.093
				3	1	22.75	19.66	0.092
				3	3	22.74	19.65	0.092
	6	0		21.75	18.66	0.073		
	836.5	26915		1	0	23.41	20.32	0.108
				1	3	23.46	20.37	0.109
				1	5	23.50	20.41	0.110
				3	0	22.95	19.86	0.097
				3	1	22.92	19.83	0.096
				3	3	22.92	19.83	0.096
	6	0		22.36	19.27	0.085		
	848.3	27033		1	0	23.47	20.38	0.109
				1	3	23.57	20.48	0.112
				1	5	23.45	20.36	0.109
				3	0	22.93	19.84	0.096
3			1	22.92	19.83	0.096		
3			3	23.06	19.97	0.099		
16QAM	824.7	26797	6	0	22.01	18.92	0.078	
			1	0	21.88	18.79	0.076	
			1	3	21.88	18.79	0.076	
			1	5	22.31	19.22	0.084	
			3	0	21.51	18.42	0.070	
			3	1	21.45	18.36	0.069	
	3	3	21.53	18.44	0.070			
	6	0	21.10	18.01	0.063			
	836.5	26915	1	0	22.80	19.71	0.094	
			1	3	23.54	20.45	0.111	
			1	5	23.53	20.44	0.111	
			3	0	22.21	19.12	0.082	
			3	1	22.27	19.18	0.083	
			3	3	22.20	19.11	0.081	
	6	0	21.34	18.25	0.067			
	848.3	27033	1	0	23.28	20.19	0.104	
			1	3	23.24	20.15	0.104	
			1	5	23.24	20.15	0.104	
3			0	21.75	18.66	0.073		
3			1	21.89	18.80	0.076		
3			3	21.89	18.80	0.076		

				6	0	20.92	17.83	0.061
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Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	824.7	26797	1.4	1	0	21.21	18.12	0.065
				1	3	21.41	18.32	0.068
				1	5	21.35	18.26	0.067
				3	0	21.29	18.20	0.066
				3	1	21.23	18.14	0.065
				3	3	21.28	18.19	0.066
	836.5	26915		6	0	21.19	18.10	0.065
				1	0	21.34	18.25	0.067
				1	3	21.33	18.24	0.067
				1	5	21.28	18.19	0.066
				3	0	21.23	18.14	0.065
				3	1	21.38	18.29	0.067
	848.3	27033		3	3	21.32	18.23	0.067
				6	0	21.34	18.25	0.067
				1	0	20.93	17.84	0.061
				1	3	20.87	17.78	0.060
				1	5	20.98	17.89	0.062
				3	0	21.16	18.07	0.064
				3	1	21.11	18.02	0.063
				3	3	21.19	18.10	0.065
				6	0	21.08	17.99	0.063

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	825.5	26805	3	1	0	23.22	20.13	0.103
				1	8	23.17	20.08	0.102
				1	14	23.25	20.16	0.104
				8	0	21.81	18.72	0.074
				8	4	21.79	18.70	0.074
				8	7	21.80	18.71	0.074
	15	0		21.67	18.58	0.072		
	836.5	26915		1	0	23.44	20.35	0.108
				1	8	23.41	20.32	0.108
				1	14	23.40	20.31	0.107
				8	0	21.84	18.75	0.075
				8	4	22.36	19.27	0.085
				8	7	22.36	19.27	0.085
	15	0		22.40	19.31	0.085		
	847.5	27025		1	0	23.54	20.45	0.111
				1	8	23.49	20.40	0.110
				1	14	23.46	20.37	0.109
				8	0	22.08	18.99	0.079
8			4	21.97	18.88	0.077		
8			7	21.97	18.88	0.077		
15	0	22.08	18.99	0.079				
16QAM	825.5	26805	1	0	22.30	19.21	0.083	
			1	8	22.41	19.32	0.086	
			1	14	22.66	19.57	0.091	
			8	0	21.51	18.42	0.070	
			8	4	21.50	18.41	0.069	
			8	7	21.50	18.41	0.069	
	15	0	21.24	18.15	0.065			
	836.5	26915	1	0	22.90	19.81	0.096	
			1	8	23.52	20.43	0.110	
			1	14	23.51	20.42	0.110	
			8	0	21.37	18.28	0.067	
			8	4	21.48	18.39	0.069	
			8	7	21.48	18.39	0.069	
	15	0	21.42	18.33	0.068			
	847.5	27025	1	0	22.13	19.04	0.080	
			1	8	22.05	18.96	0.079	
			1	14	22.20	19.11	0.081	
			8	0	21.61	18.52	0.071	
8			4	21.14	18.05	0.064		
8			7	21.14	18.05	0.064		
15	0	21.46	18.37	0.069				

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	825.5	26805	3	1	0	21.24	18.15	0.065
				1	8	21.21	18.12	0.065
				1	14	21.43	18.34	0.068
				8	0	21.26	18.17	0.066
				8	4	21.21	18.12	0.065
				8	7	21.28	18.19	0.066
				15	0	21.17	18.08	0.064
	836.5	26915		1	0	21.47	18.38	0.069
				1	8	21.32	18.23	0.067
				1	14	21.31	18.22	0.066
				8	0	21.35	18.26	0.067
				8	4	21.46	18.37	0.069
				8	7	21.41	18.32	0.068
				15	0	21.40	18.31	0.068
	847.5	27025		1	0	21.28	18.19	0.066
				1	8	21.34	18.25	0.067
				1	14	21.42	18.33	0.068
				8	0	21.19	18.10	0.065
				8	4	21.40	18.31	0.068
				8	7	21.32	18.23	0.067
				15	0	21.43	18.34	0.068

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	826.5	26815	5	1	0	23.17	20.08	0.102
				1	12	23.32	20.23	0.105
				1	24	23.31	20.22	0.105
				12	0	21.69	18.60	0.072
				12	7	21.77	18.68	0.074
				12	13	21.78	18.69	0.074
	25	0		21.81	18.72	0.074		
	836.5	26915		1	0	23.29	20.20	0.105
				1	12	23.48	20.39	0.109
				1	24	23.47	20.38	0.109
				12	0	21.89	18.80	0.076
				12	7	22.32	19.23	0.084
				12	13	22.32	19.23	0.084
	25	0		22.39	19.30	0.085		
	846.5	27015		1	0	23.50	20.41	0.110
				1	12	23.45	20.36	0.109
				1	24	23.42	20.33	0.108
				12	0	22.06	18.97	0.079
12			7	22.05	18.96	0.079		
12			13	22.04	18.95	0.079		
16QAM	826.5	26815	25	0	22.02	18.93	0.078	
			1	0	21.48	18.39	0.069	
			1	12	21.70	18.61	0.073	
			1	24	21.71	18.62	0.073	
			12	0	21.19	18.10	0.065	
			12	7	21.35	18.26	0.067	
	12	13	21.51	18.42	0.070			
	25	0	21.21	18.12	0.065			
	836.5	26915	1	0	22.31	19.22	0.084	
			1	12	22.51	19.42	0.087	
			1	24	22.50	19.41	0.087	
			12	0	21.34	18.25	0.067	
			12	7	21.42	18.33	0.068	
			12	13	21.42	18.33	0.068	
	25	0	21.42	18.33	0.068			
	846.5	27015	1	0	22.11	19.02	0.080	
			1	12	22.10	19.01	0.080	
			1	24	22.09	19.00	0.079	
12			0	21.39	18.30	0.068		
12			7	21.40	18.31	0.068		
12			13	21.39	18.30	0.068		
25	0	21.43	18.34	0.068				

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	826.5	26815	5	1	0	21.17	18.08	0.064
				1	12	21.27	18.18	0.066
				1	24	21.23	18.14	0.065
				12	0	21.15	18.06	0.064
				12	7	21.35	18.26	0.067
				12	13	21.22	18.13	0.065
				25	0	21.28	18.19	0.066
	836.5	26915		1	0	21.42	18.33	0.068
				1	12	21.46	18.37	0.069
				1	24	21.38	18.29	0.067
				12	0	21.41	18.32	0.068
				12	7	21.35	18.26	0.067
				12	13	21.28	18.19	0.066
				25	0	21.24	18.15	0.065
	846.5	27015		1	0	21.41	18.32	0.068
				1	12	21.43	18.34	0.068
				1	24	21.48	18.39	0.069
				12	0	21.34	18.25	0.067
				12	7	21.59	18.50	0.071
				12	13	21.51	18.42	0.070
				25	0	21.48	18.39	0.069

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	829	26840	10	1	0	23.24	20.15	0.104
				1	25	23.31	20.22	0.105
				1	49	23.30	20.21	0.105
				25	0	22.29	19.20	0.083
				25	12	22.41	19.32	0.086
				25	25	22.40	19.31	0.085
	50	0		22.35	19.26	0.084		
	1	0		23.26	20.17	0.104		
	1	25		23.56	20.47	0.111		
	1	49		23.54	20.45	0.111		
	25	0		22.30	19.21	0.083		
	25	12		22.45	19.36	0.086		
	25	25		22.45	19.36	0.086		
	50	0		22.87	19.78	0.095		
	1	0		23.43	20.34	0.108		
	1	25		23.42	20.33	0.108		
	1	49		23.39	20.30	0.107		
	25	0		22.37	19.28	0.085		
25	12	22.47	19.38	0.087				
25	25	22.46	19.37	0.086				
50	0	22.41	19.32	0.086				
16QAM	829	26840	1	0	22.38	19.29	0.085	
			1	25	22.42	19.33	0.086	
			1	49	22.42	19.33	0.086	
			25	0	21.76	18.67	0.074	
			25	12	21.86	18.77	0.075	
			25	25	21.86	18.77	0.075	
	50	0	21.63	18.54	0.071			
	1	0	22.46	19.37	0.086			
	1	25	22.56	19.47	0.089			
	1	49	23.06	19.97	0.099			
	25	0	21.91	18.82	0.076			
	25	12	21.29	18.20	0.066			
	25	25	21.29	18.20	0.066			
	50	0	21.92	18.83	0.076			
	1	0	22.20	19.11	0.081			
	1	25	22.20	19.11	0.081			
	1	49	22.18	19.09	0.081			
	25	0	22.11	19.02	0.080			
25	12	22.10	19.01	0.080				
25	25	22.09	19.00	0.079				
50	0	21.96	18.87	0.077				

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)		
64QAM	829	26840	10	1	0	21.63	18.54	0.071		
				1	25	21.48	18.39	0.069		
				1	49	21.54	18.45	0.070		
				25	0	21.45	18.36	0.069		
				25	12	21.53	18.44	0.070		
				25	25	21.55	18.46	0.070		
	836.5	26915		50	0	21.62	18.53	0.071		
				1	0	21.87	18.78	0.076		
				1	25	21.92	18.83	0.076		
				1	49	21.94	18.85	0.077		
				25	0	21.85	18.76	0.075		
				25	12	21.96	18.87	0.077		
	844	26990		25	25	21.90	18.81	0.076		
				50	0	21.94	18.85	0.077		
				1	0	21.86	18.77	0.075		
				1	25	21.91	18.82	0.076		
				1	49	21.97	18.88	0.077		
				25	0	21.79	18.70	0.074		
						25	12	21.92	18.83	0.076
						25	25	21.90	18.81	0.076
						50	0	21.96	18.87	0.077

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	831.5	26865	15	1	0	23.19	20.10	0.102
				1	37	23.33	20.24	0.106
				1	74	23.32	20.23	0.105
				36	0	22.45	19.36	0.086
				36	29	22.20	19.11	0.081
				36	30	22.20	19.11	0.081
	75	0		22.33	19.24	0.084		
	1	0		23.49	20.40	0.110		
	1	37		23.47	20.38	0.109		
	1	74		23.46	20.37	0.109		
	36	0		22.27	19.18	0.083		
	36	29		22.44	19.35	0.086		
	36	30		22.44	19.35	0.086		
	75	0		22.86	19.77	0.095		
	1	0		23.26	20.17	0.104		
	1	37		23.36	20.27	0.106		
	1	74		23.18	20.09	0.102		
	16QAM	831.5		26865	15	1	0	22.39
1			37			22.60	19.51	0.089
1			74			22.38	19.29	0.085
36			0			21.60	18.51	0.071
36			29			21.82	18.73	0.075
36			30			21.82	18.73	0.075
75		0	21.79	18.70		0.074		
1		0	22.62	19.53		0.090		
1		37	22.60	19.51		0.089		
1		74	22.99	19.90		0.098		
36		0	21.85	18.76		0.075		
36		29	21.91	18.82		0.076		
36		30	21.91	18.82		0.076		
75		0	21.83	18.74		0.075		
1		0	22.47	19.38		0.087		
1		37	22.55	19.46		0.088		
1		74	22.85	19.76		0.095		
841.5		26965	15	36		0	21.37	18.28
	36			29	21.92	18.83	0.076	
	36			30	21.92	18.83	0.076	
	75			0	21.91	18.82	0.076	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	831.5	26865	15	1	0	21.79	18.70	0.074
				1	37	21.84	18.75	0.075
				1	74	21.88	18.79	0.076
				36	0	21.94	18.85	0.077
				36	29	21.82	18.73	0.075
				36	30	21.79	18.70	0.074
				75	0	21.95	18.86	0.077
	836.5	26915		1	0	21.69	18.60	0.072
				1	37	21.87	18.78	0.076
				1	74	21.83	18.74	0.075
				36	0	21.93	18.84	0.077
				36	29	21.79	18.70	0.074
				36	30	21.81	18.72	0.074
				75	0	21.87	18.78	0.076
	841.5	26965		1	0	21.77	18.68	0.074
				1	37	21.91	18.82	0.076
				1	74	21.98	18.89	0.077
				36	0	21.95	18.86	0.077
				36	29	21.87	18.78	0.076
				36	30	21.91	18.82	0.076
				75	0	21.79	18.70	0.074