

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	23.98
				1	3	24.11
				1	5	23.71
				3	0	23.89
				3	1	23.71
				3	3	23.81
				6	0	22.93
	836.5	20525		1	0	23.67
				1	3	24.02
				1	5	23.89
				3	0	23.69
				3	1	23.78
				3	3	23.81
				6	0	22.83
	848.3	20643		1	0	23.40
				1	3	23.38
				1	5	23.29
				3	0	23.36
				3	1	23.43
				3	3	23.48
6				0	22.55	
16QAM	824.7	20407		1	0	23.48
				1	3	23.49
				1	5	23.47
				3	0	22.77
				3	1	23.17
				3	3	23.15
				6	0	22.20
	836.5	20525		1	0	23.56
				1	3	23.34
			1	5	23.56	
			3	0	22.68	
			3	1	23.02	
			3	3	23.10	
			6	0	22.03	
	848.3	20643	1	0	22.66	
			1	3	22.31	
			1	5	22.30	
			3	0	22.89	
			3	1	22.42	
			3	3	22.40	
6	0	21.54				

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	824.7	20407	1.4	1	0	22.20
				1	3	22.19
				1	5	22.18
				3	0	22.17
				3	1	22.22
				3	3	22.32
				6	0	22.31
	836.5	20525		1	0	22.45
				1	3	22.48
				1	5	22.42
				3	0	22.44
				3	1	22.40
				3	3	22.69
				6	0	22.50
	848.3	20643		1	0	21.54
				1	3	21.54
				1	5	21.59
				3	0	21.52
				3	1	21.62
				3	3	21.63
				6	0	21.53

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	825.5	20415	3	1	0	23.89
				1	8	23.38
				1	14	23.37
				8	0	22.91
				8	4	22.37
				8	7	22.37
				15	0	22.89
	836.5	20525		1	0	23.38
				1	8	23.41
				1	14	23.57
				8	0	22.39
				8	4	22.40
				8	7	22.46
				15	0	22.55
	847.5	20635		1	0	23.47
				1	8	23.50
				1	14	23.47
				8	0	22.91
				8	4	22.53
				8	7	22.52
				15	0	22.80
16QAM	825.5	20415	1	0	23.10	
			1	8	22.50	
			1	14	22.51	
			8	0	22.19	
			8	4	22.16	
			8	7	22.16	
			15	0	22.08	
	836.5	20525	1	0	22.62	
			1	8	22.63	
			1	14	22.63	
			8	0	21.63	
			8	4	21.90	
			8	7	21.89	
			15	0	21.85	
	847.5	20635	1	0	22.65	
			1	8	22.15	
			1	14	22.15	
			8	0	22.06	
			8	4	21.58	
8	7	21.58				
15	0	21.90				

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	825.5	20415	3	1	0	22.03
				1	8	22.08
				1	14	21.97
				8	0	22.07
				8	4	22.07
				8	7	22.06
				15	0	22.06
	836.5	20525		1	0	21.85
				1	8	21.84
				1	14	21.84
				8	0	21.83
				8	4	21.83
				8	7	21.83
				15	0	21.82
	847.5	20635		1	0	21.85
				1	8	21.85
				1	14	21.91
				8	0	21.90
				8	4	21.85
				8	7	21.90
				15	0	21.89

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	
QPSK	826.5	20425	5	1	0	23.85	
				1	12	23.24	
				1	24	23.25	
				12	0	22.97	
				12	7	22.54	
				12	13	22.54	
				25	0	22.39	
	836.5	20525		1	0	23.26	
				1	12	23.16	
				1	24	23.21	
				12	0	22.41	
				12	7	22.50	
				12	13	22.48	
				25	0	22.49	
	846.5	20625		1	0	23.33	
				1	12	23.39	
				1	24	23.30	
				12	0	22.45	
				12	7	22.77	
				12	13	22.90	
				25	0	22.79	
	16QAM	826.5		20425	1	0	22.16
					1	12	21.47
					1	24	21.64
12					0	21.93	
12					7	21.84	
12					13	21.90	
25					0	22.01	
836.5		20525		1	0	21.58	
				1	12	21.49	
			1	24	21.64		
			12	0	21.42		
			12	7	21.76		
			12	13	21.75		
			25	0	21.89		
846.5		20625	1	0	21.78		
			1	12	21.61		
			1	24	21.59		
			12	0	21.48		
			12	7	21.88		
			12	13	21.87		
			25	0	22.00		

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	826.5	20425	5	1	0	22.01
				1	12	22.02
				1	24	22.02
				12	0	22.02
				12	7	22.02
				12	13	22.02
	25	0		22.01		
	836.5	20525		1	0	21.88
				1	12	21.88
				1	24	21.87
				12	0	22.02
				12	7	21.86
				12	13	22.01
	25	0		22.00		
	846.5	20625		1	0	22.00
				1	12	22.02
				1	24	22.07
				12	0	22.02
				12	7	22.02
				12	13	22.06
				25	0	22.01

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	
QPSK	829	20450	10	1	0	23.85	
				1	25	23.25	
				1	49	23.22	
				25	0	22.49	
				25	12	22.47	
				25	25	22.47	
				50	0	22.53	
	836.5	20525		1	0	23.43	
				1	25	23.45	
				1	49	23.43	
				25	0	22.59	
				25	12	22.44	
				25	25	22.44	
				50	0	22.55	
	844	20600		1	0	23.23	
				1	25	23.34	
				1	49	23.25	
				25	0	22.32	
				25	12	22.32	
				25	25	22.41	
				50	0	22.29	
	16QAM	829		20450	1	0	23.01
					1	25	22.64
					1	49	22.74
25					0	22.04	
25					12	21.92	
25					25	21.92	
50					0	21.86	
836.5		20525		1	0	22.43	
				1	25	22.71	
			1	49	22.66		
			25	0	21.57		
			25	12	21.51		
			25	25	21.51		
			50	0	21.93		
844		20600	1	0	22.61		
			1	25	22.63		
			1	49	22.72		
			25	0	21.97		
			25	12	21.90		
			25	25	21.91		
			50	0	21.43		

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	829	20450	10	1	0	22.01
				1	25	21.93
				1	49	22.01
				25	0	22.01
				25	12	22.00
				25	25	22.01
				50	0	22.01
	836.5	20525		1	0	21.92
				1	25	21.92
				1	49	21.93
				25	0	21.92
				25	12	21.92
				25	25	21.92
				50	0	21.92
	844	20600		1	0	21.53
				1	25	21.52
				1	49	21.51
				25	0	21.49
				25	12	21.48
				25	25	21.48
				50	0	21.43

2 Occupied Bandwidth

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)					
						QPSK		16-QAM		64-QAM	
5	824.7	20407	1.4	6	0	1.082	Fig.1	1.094	Fig.2	1.094	Fig.3
	836.5	20525		6	0	1.088	Fig.4	1.088	Fig.5	1.088	Fig.6
	848.3	20643		6	0	1.088	Fig.7	1.088	Fig.8	1.088	Fig.9
	825.5	20415	3	15	0	2.696	Fig.10	2.683	Fig.11	2.683	Fig.12
	836.5	20525		15	0	2.683	Fig.13	2.683	Fig.14	2.683	Fig.15
	847.5	20635		15	0	2.696	Fig.16	2.683	Fig.17	2.696	Fig.18
	826.5	20425	5	25	0	4.472	Fig.19	4.472	Fig.20	4.472	Fig.21
	836.5	20525		25	0	4.472	Fig.22	4.472	Fig.23	4.472	Fig.24
	846.5	20625		25	0	4.472	Fig.25	4.472	Fig.26	4.493	Fig.27
	829	20450	10	50	0	8.944	Fig.28	8.944	Fig.29	8.944	Fig.30
	836.5	20525		50	0	8.944	Fig.31	8.944	Fig.32	8.944	Fig.33
	844	20600		50	0	8.944	Fig.34	8.944	Fig.35	8.944	Fig.36

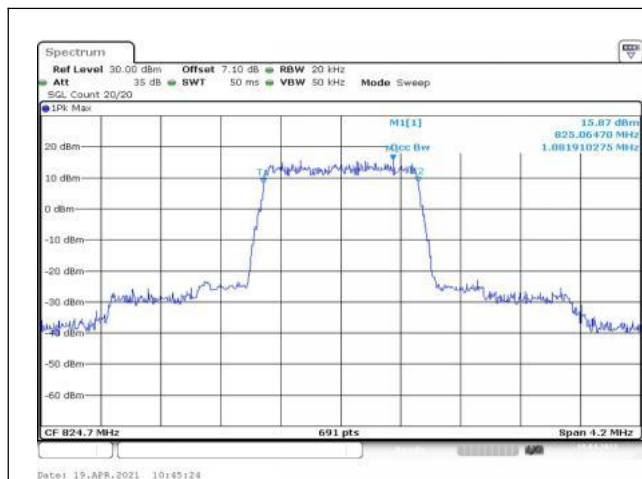


Fig.1

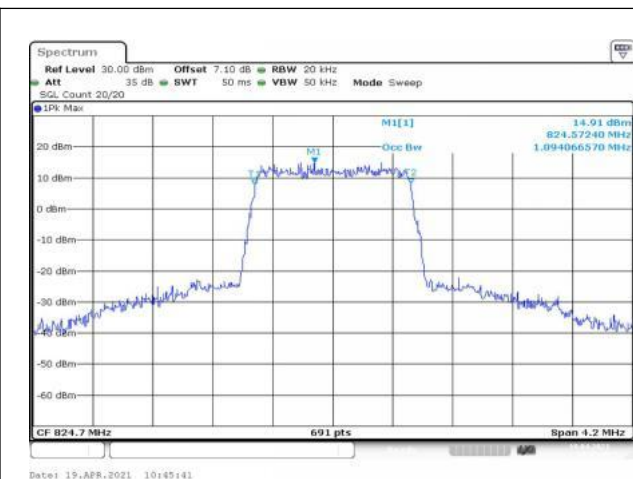


Fig.2

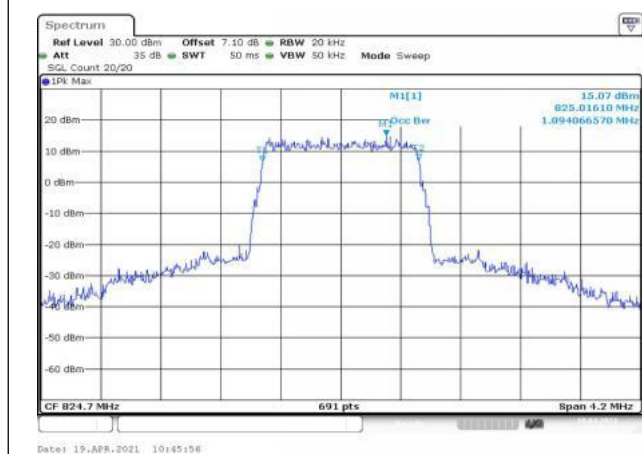


Fig.3

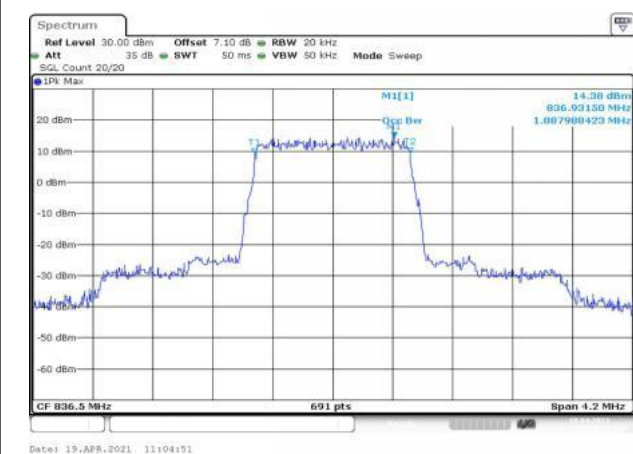


Fig.4

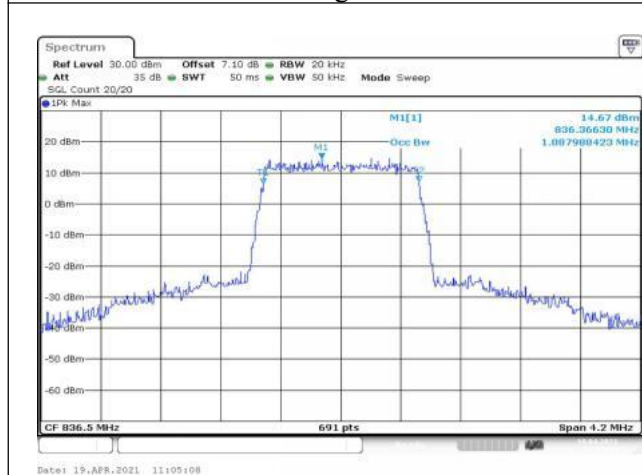


Fig.5

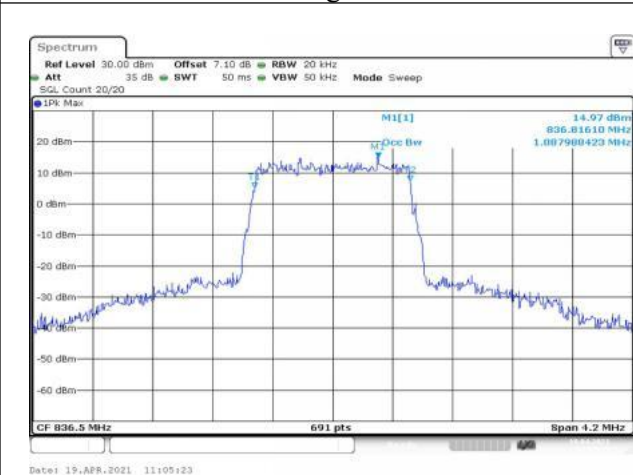


Fig.6

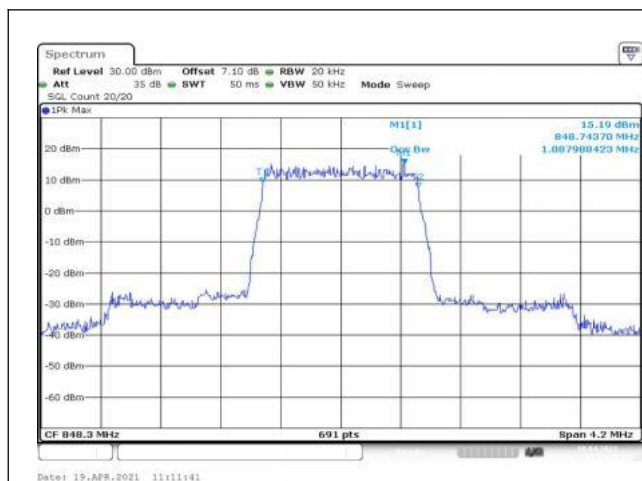


Fig.7

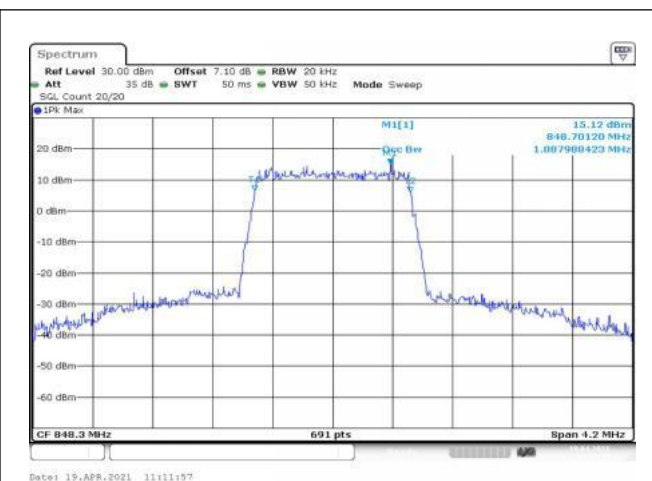


Fig.8

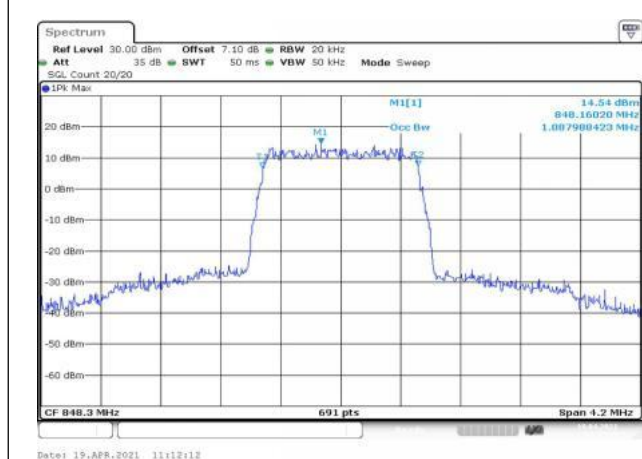


Fig.9

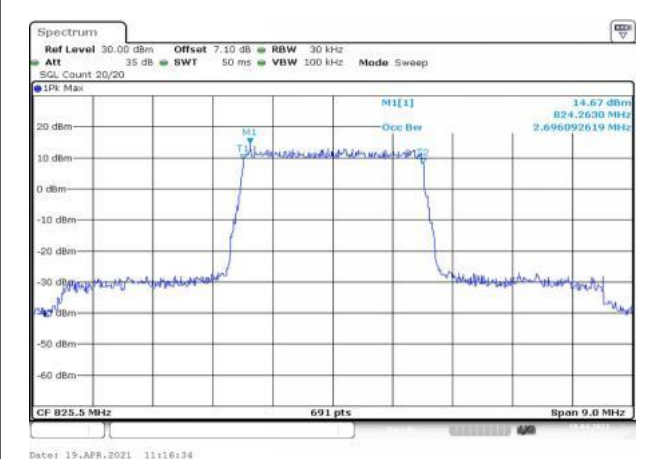


Fig.10

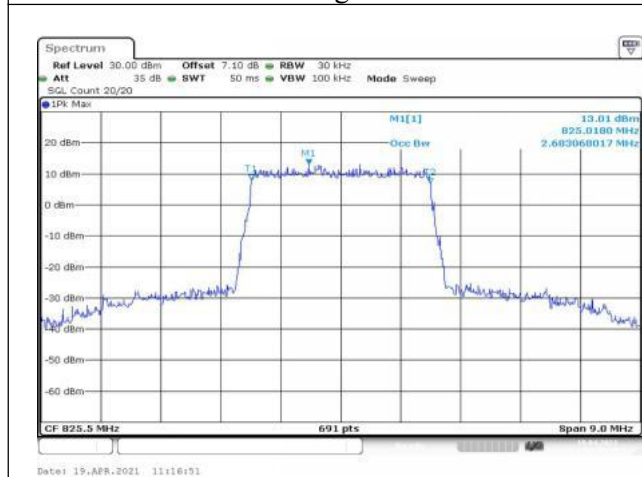


Fig.11

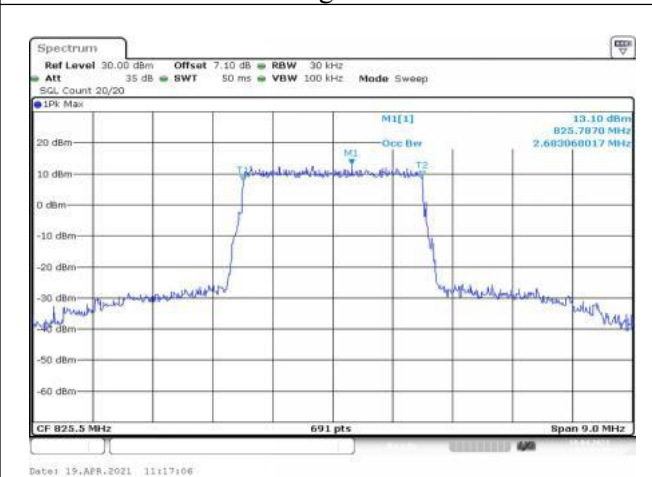
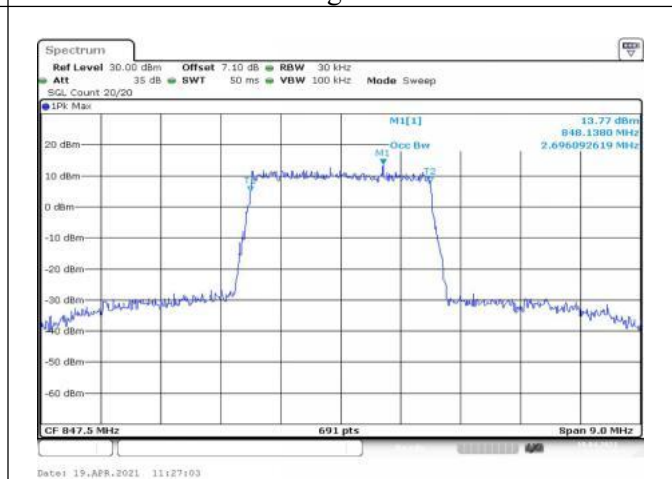
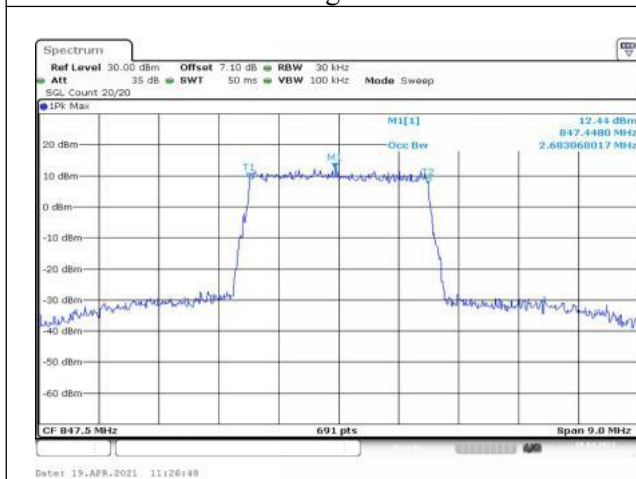
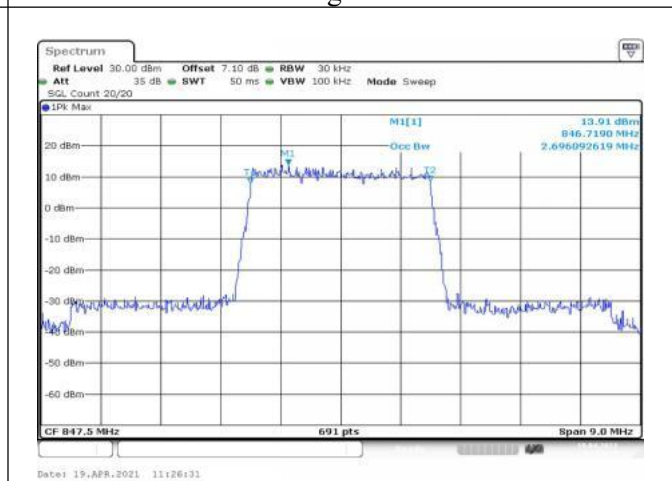
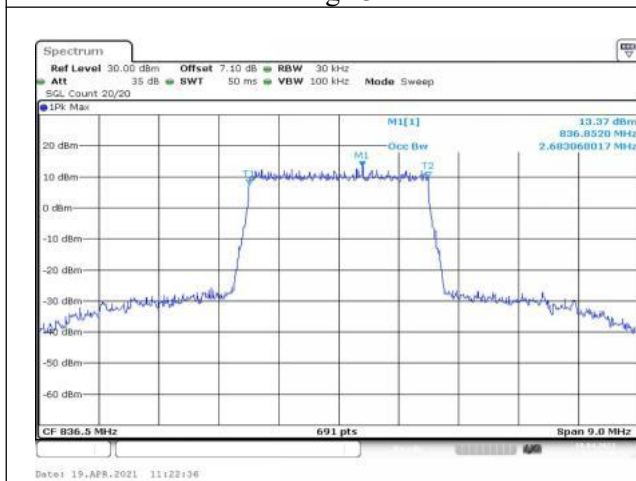
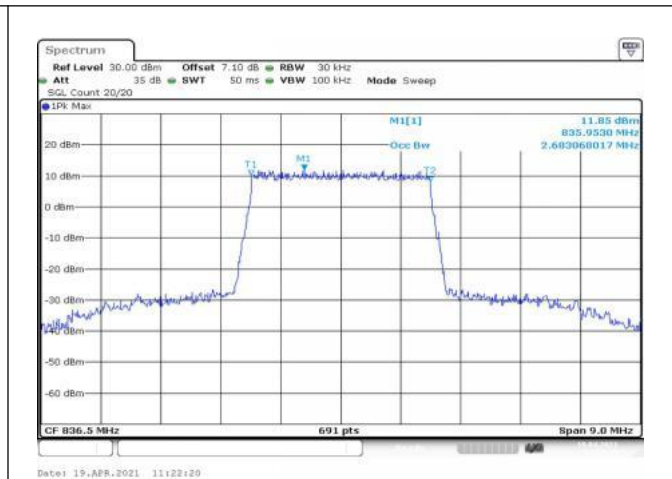
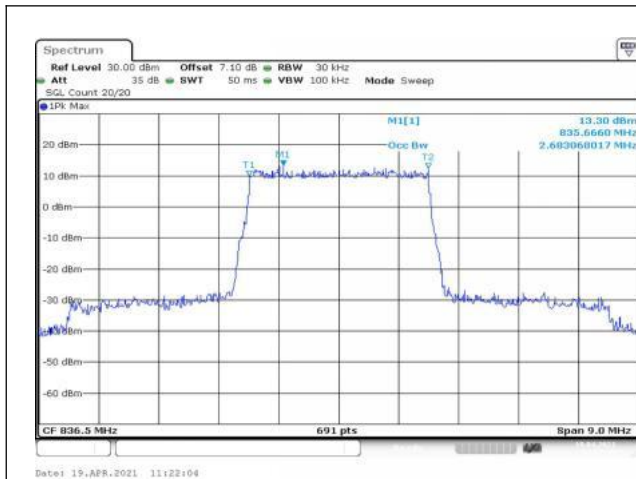


Fig.12



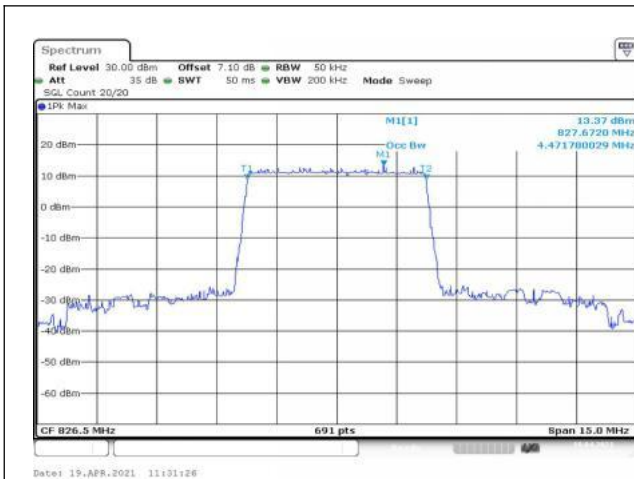


Fig.19

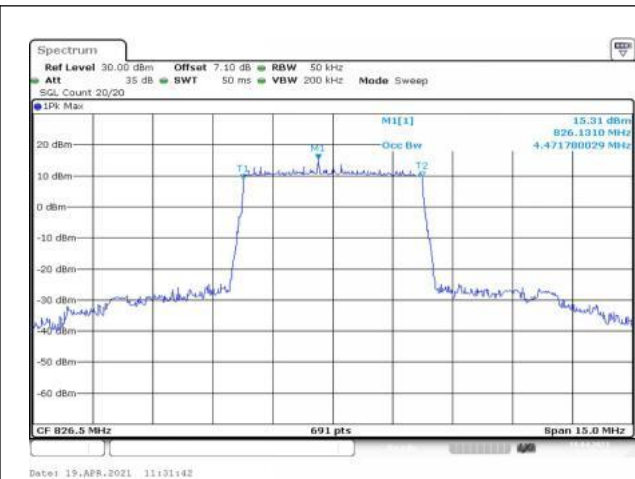


Fig.20

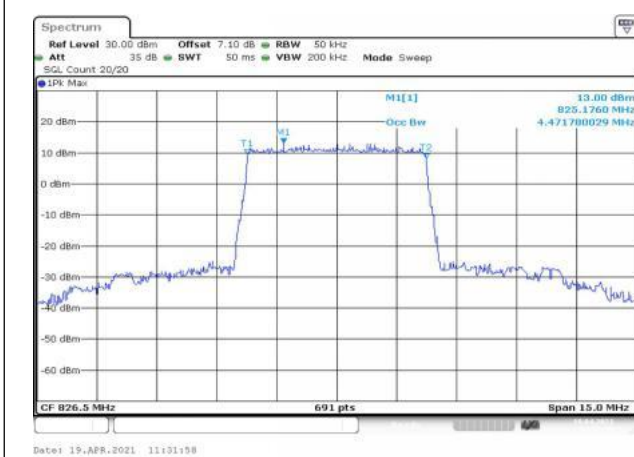


Fig.21

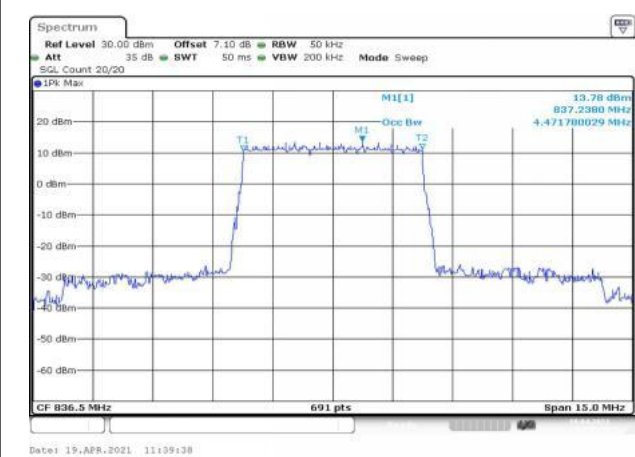


Fig.22

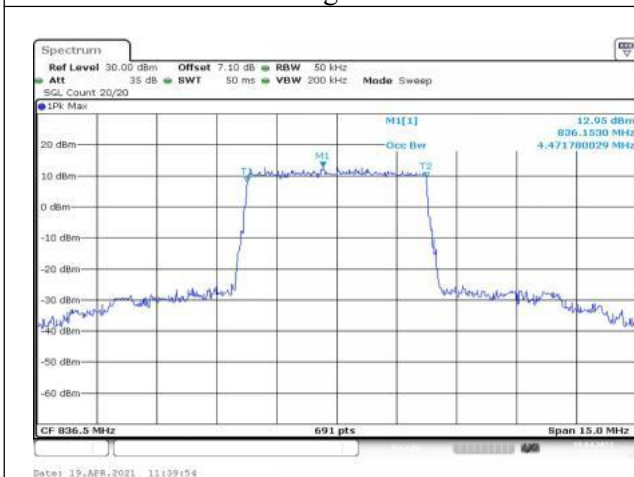


Fig.23

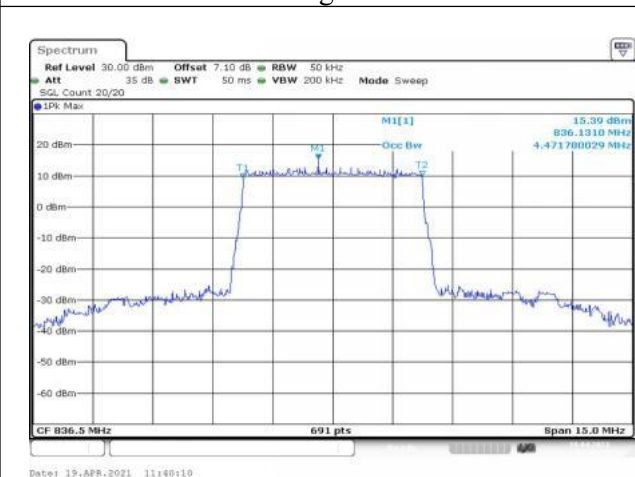
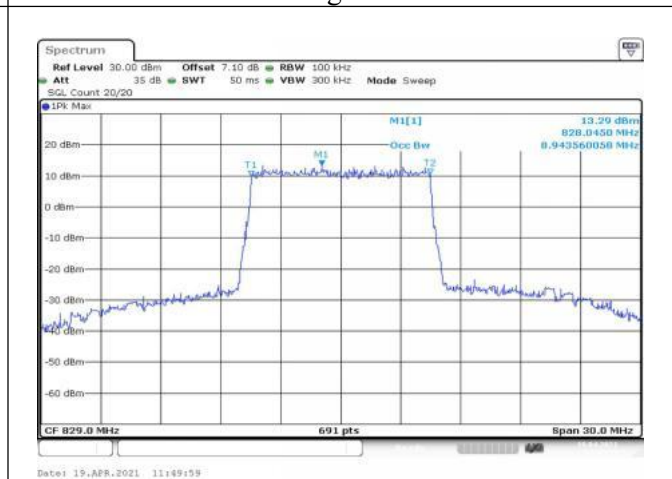
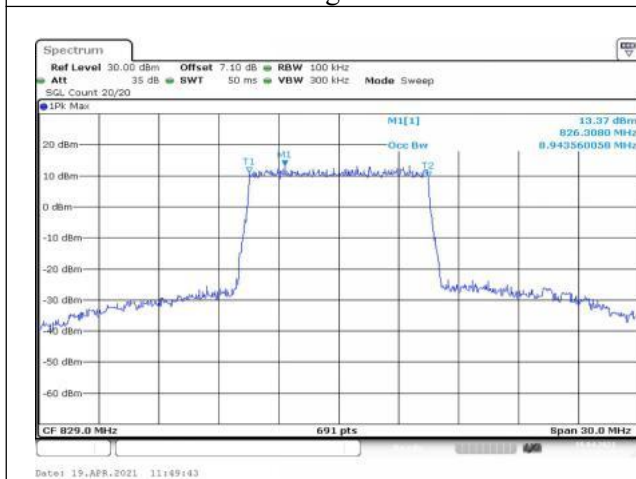
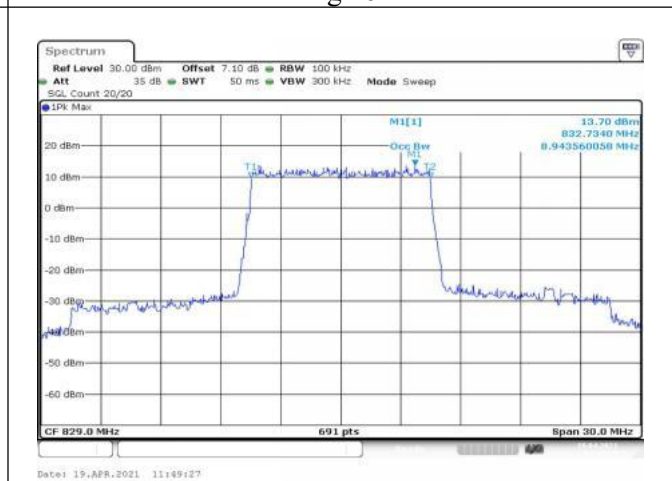
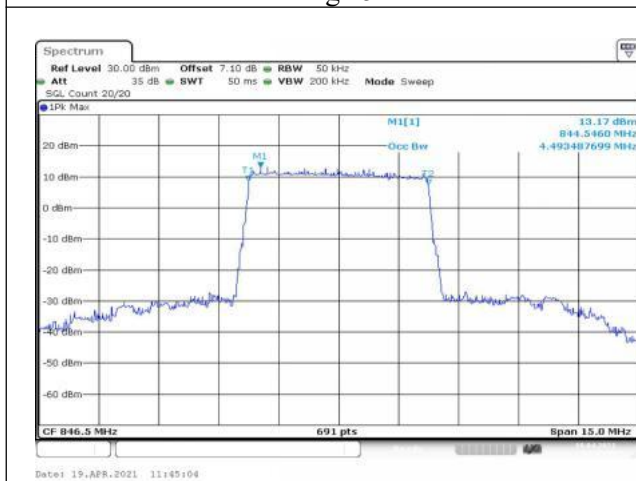
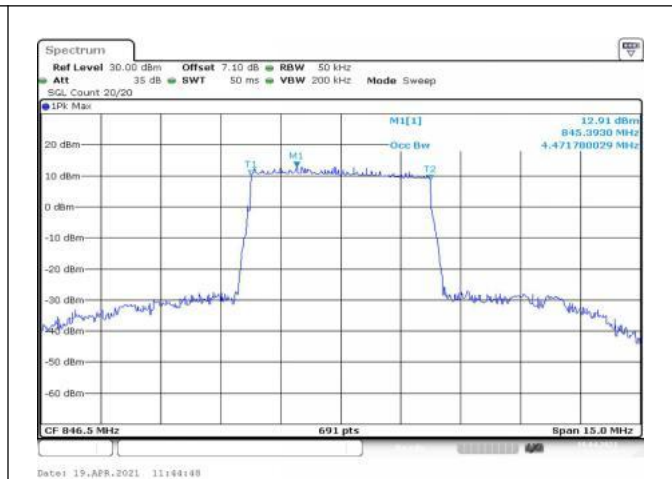
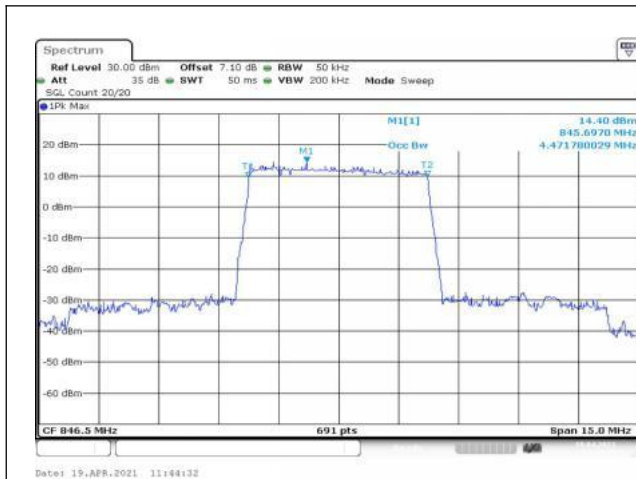
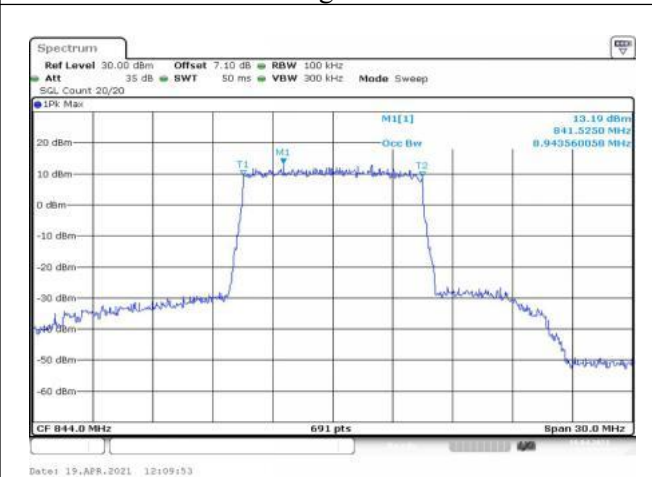
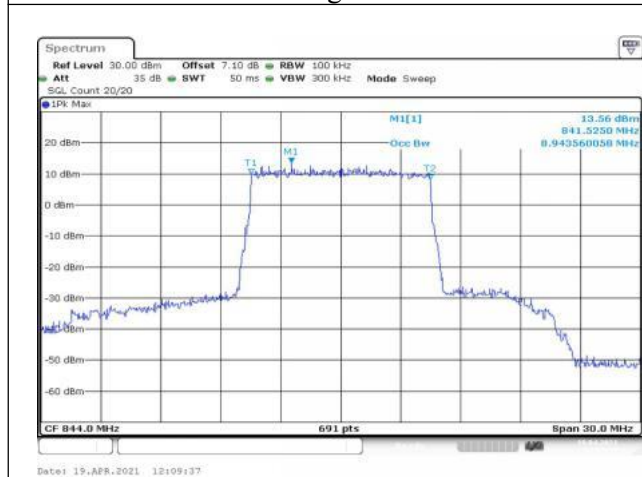
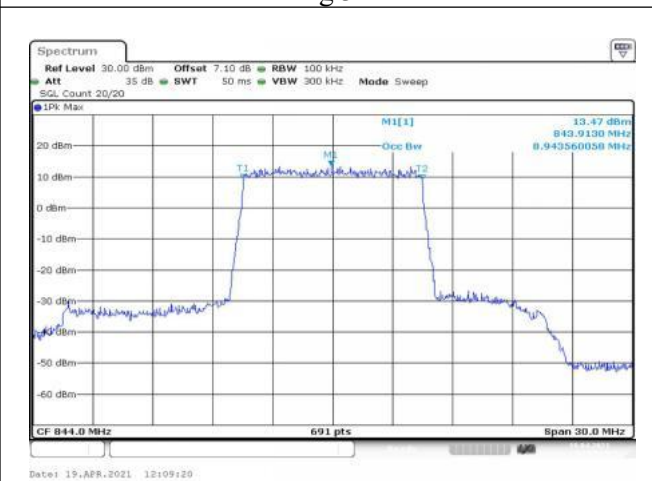
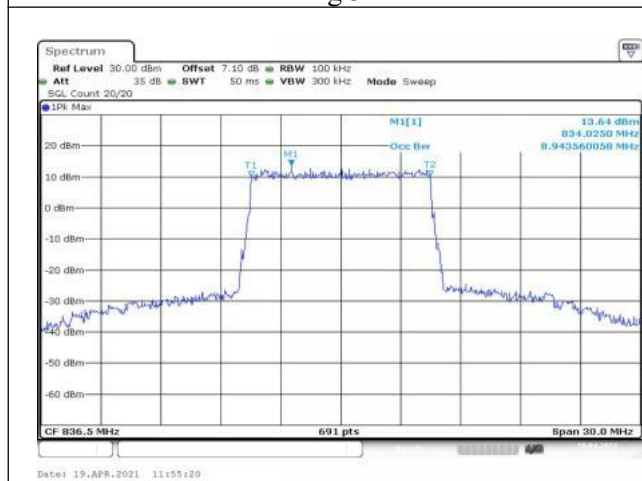
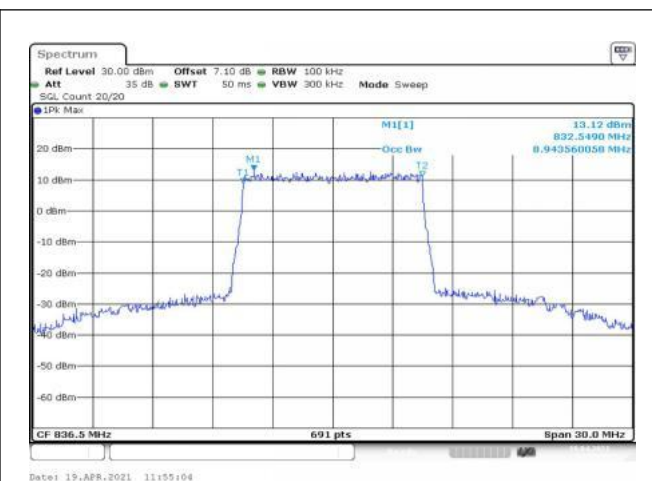
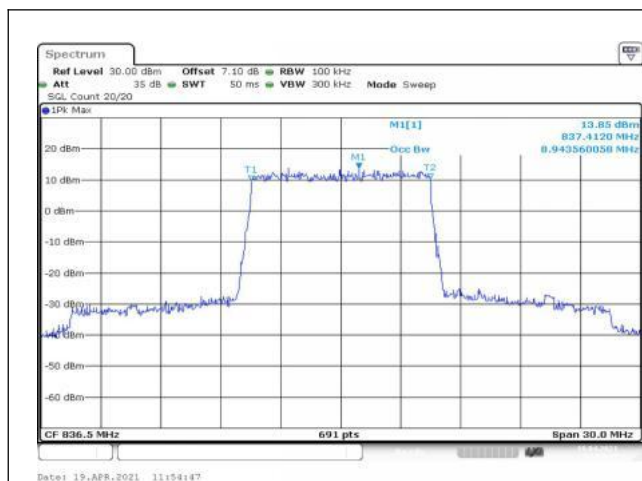


Fig.24





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	1.228	Fig.1	1.228	Fig.2	1.228	Fig.3
	836.5	20525		6	0	1.228	Fig.4	1.228	Fig.5	1.228	Fig.6
	848.3	20643		6	0	1.228	Fig.7	1.228	Fig.8	1.234	Fig.9
	825.5	20415	3	15	0	2.996	Fig.10	2.970	Fig.11	2.957	Fig.12
	836.5	20525		15	0	2.996	Fig.13	2.944	Fig.14	2.957	Fig.15
	847.5	20635		15	0	2.983	Fig.16	2.983	Fig.17	2.983	Fig.18
	826.5	20425	5	25	0	4.906	Fig.19	4.906	Fig.20	4.841	Fig.21
	836.5	20525		25	0	4.841	Fig.22	4.906	Fig.23	4.906	Fig.24
	846.5	20625		25	0	4.884	Fig.25	4.863	Fig.26	4.841	Fig.27
	829	20450	10	50	0	9.725	Fig.28	9.768	Fig.29	9.768	Fig.30
	836.5	20525		50	0	9.725	Fig.31	9.725	Fig.32	9.812	Fig.33
	844	20600		50	0	9.682	Fig.34	9.638	Fig.35	9.682	Fig.36

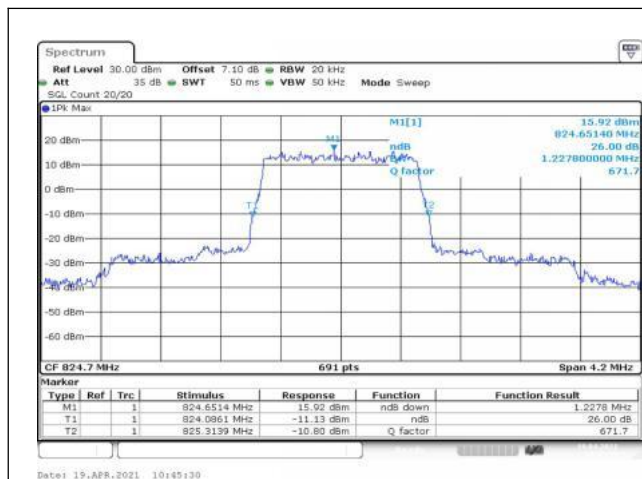


Fig.1

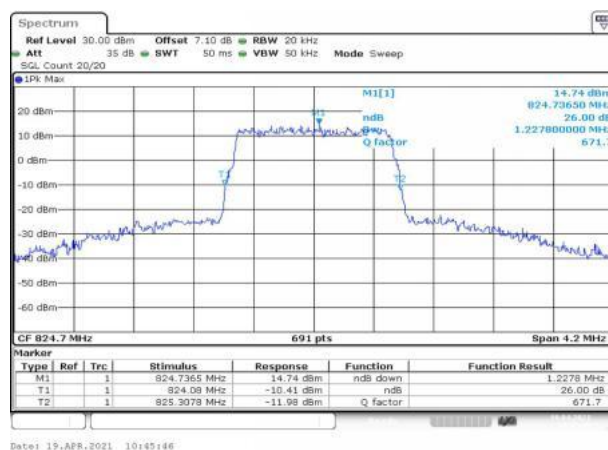


Fig.2

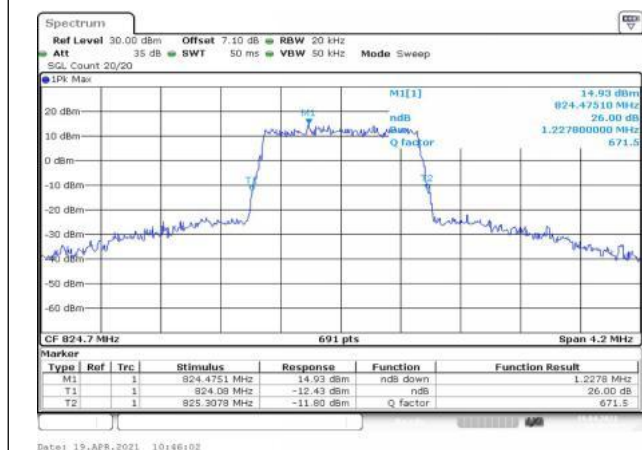


Fig.3

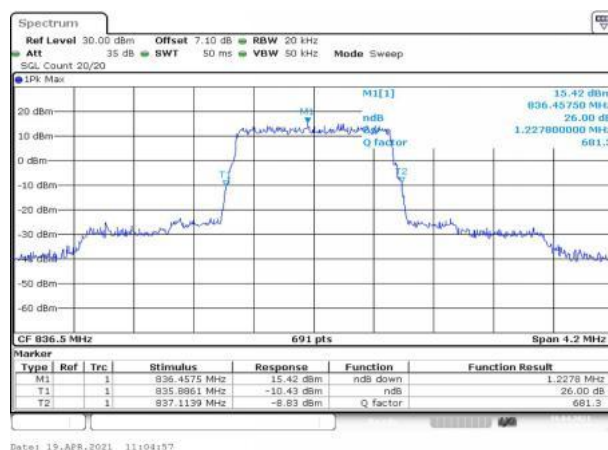


Fig.4

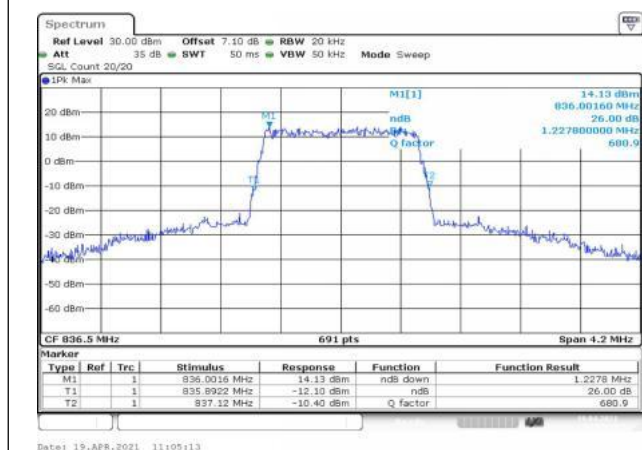


Fig.5

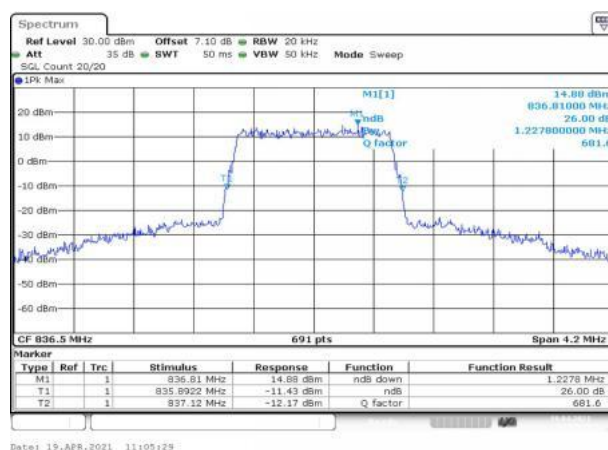


Fig.6

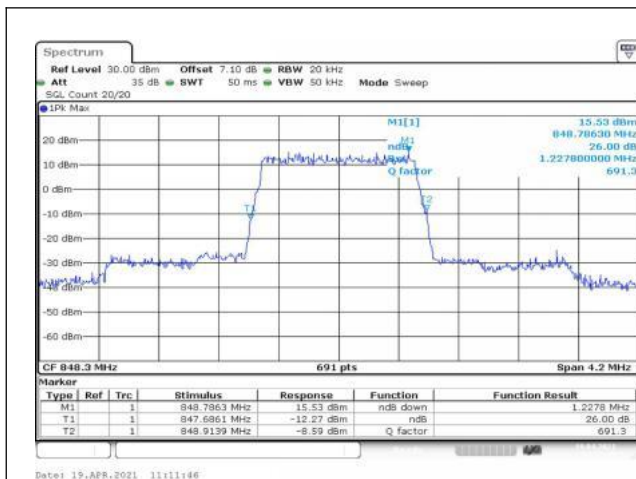


Fig.7

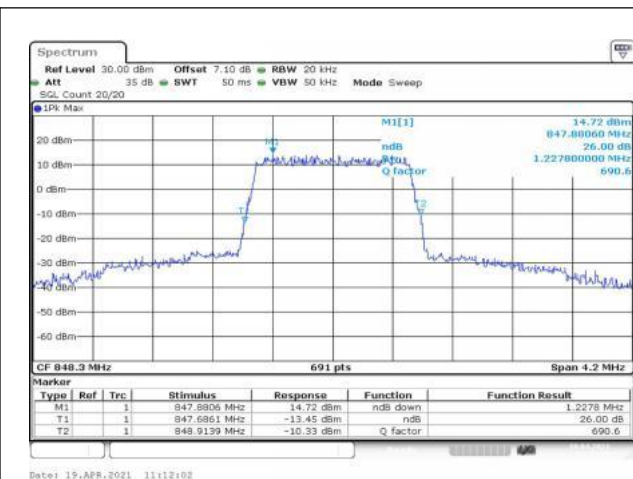


Fig.8

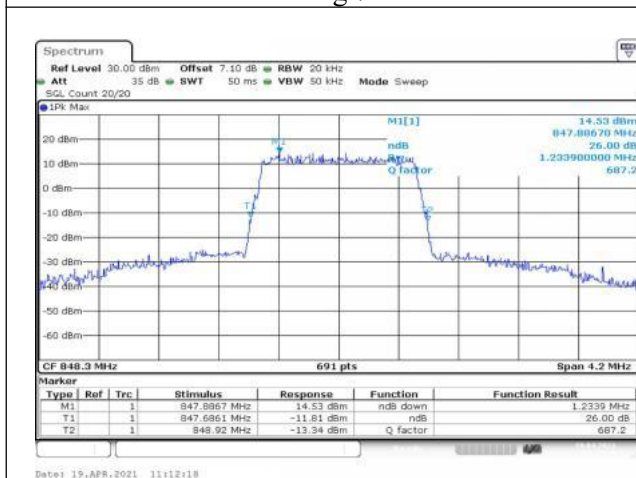


Fig.9

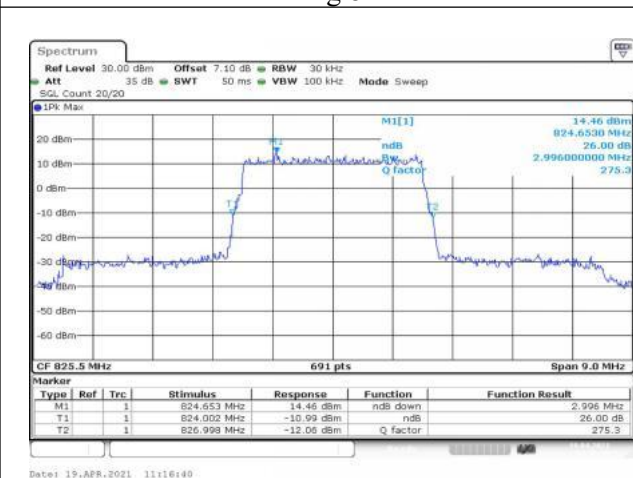


Fig.10

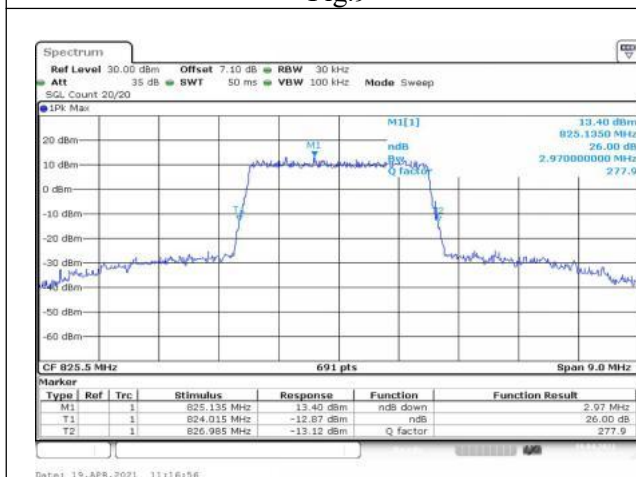


Fig.11

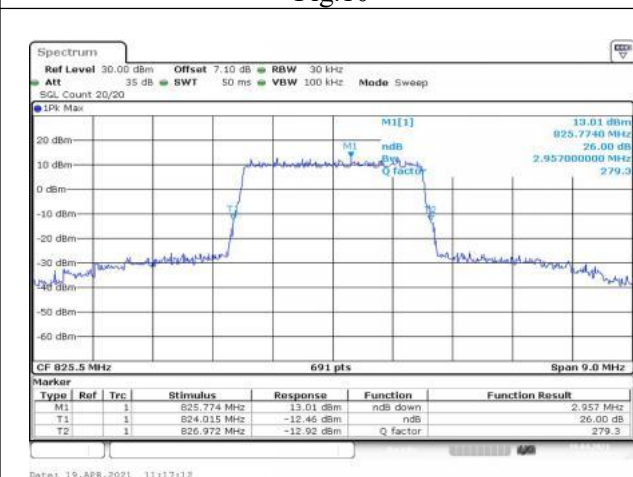


Fig.12

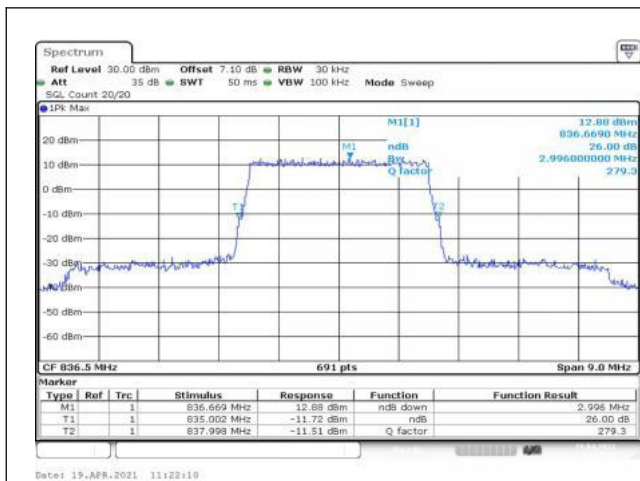


Fig.13

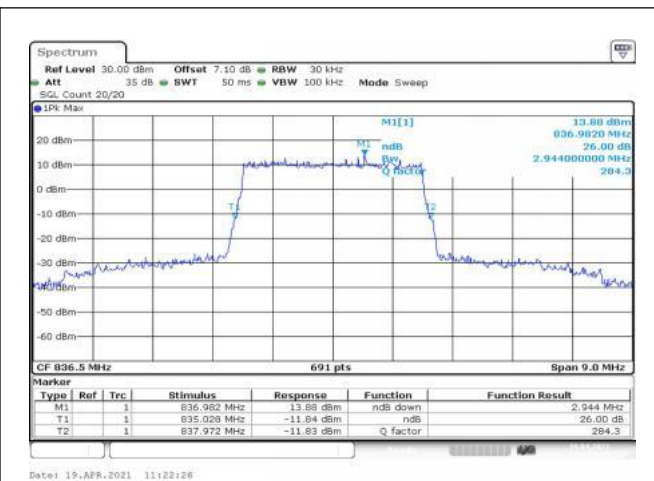


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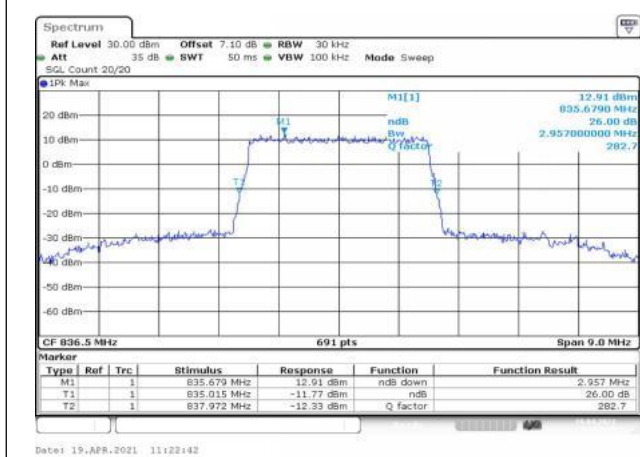


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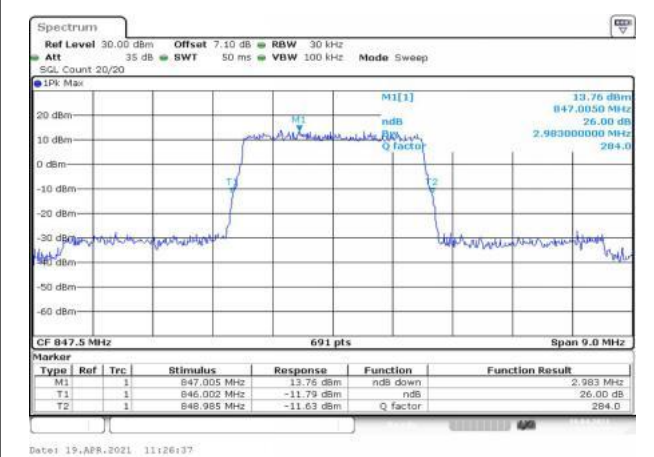


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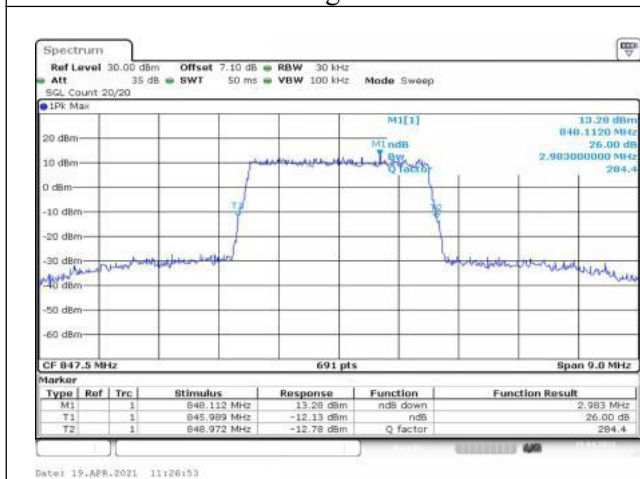


Fig.17

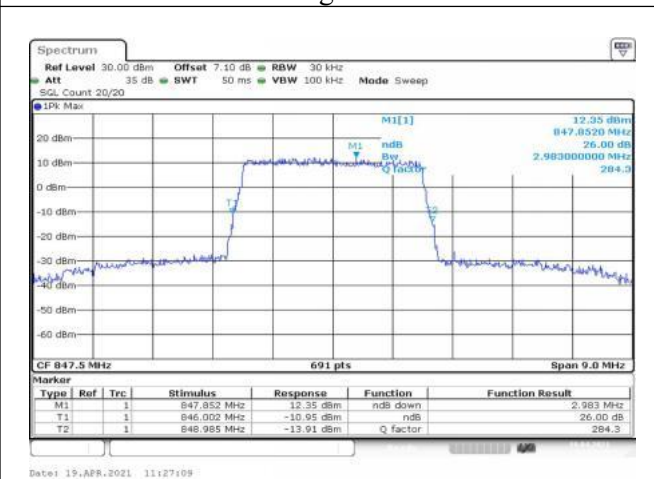


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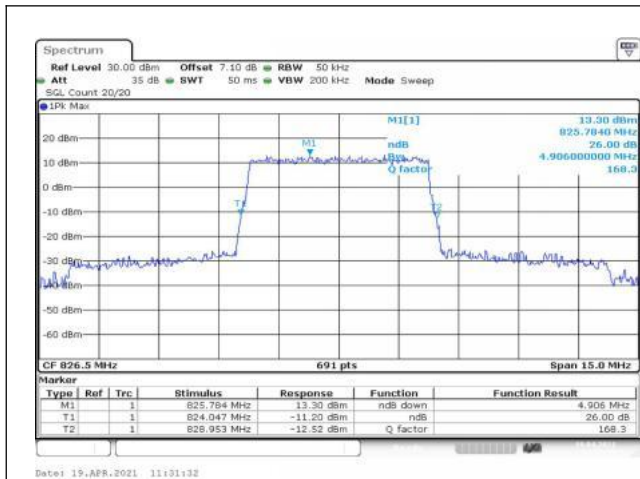


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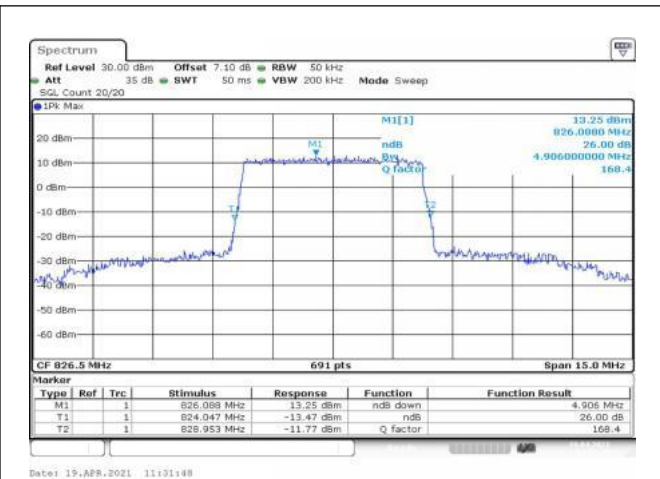


Fig.20

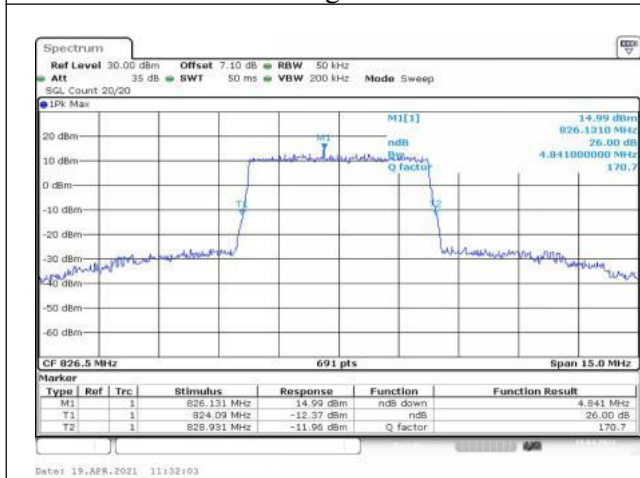


Fig.21

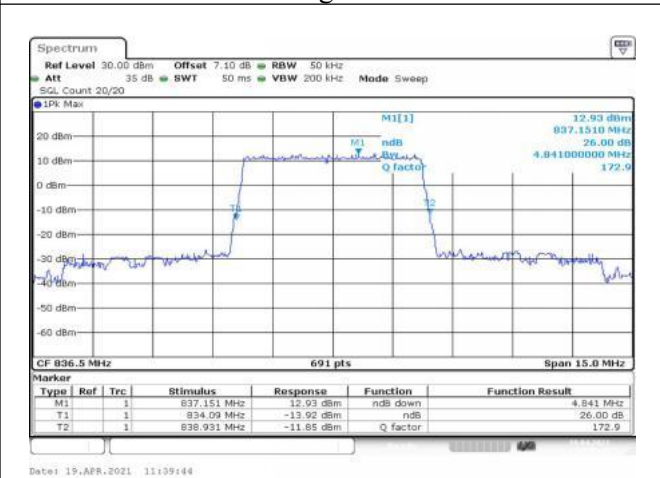


Fig.22

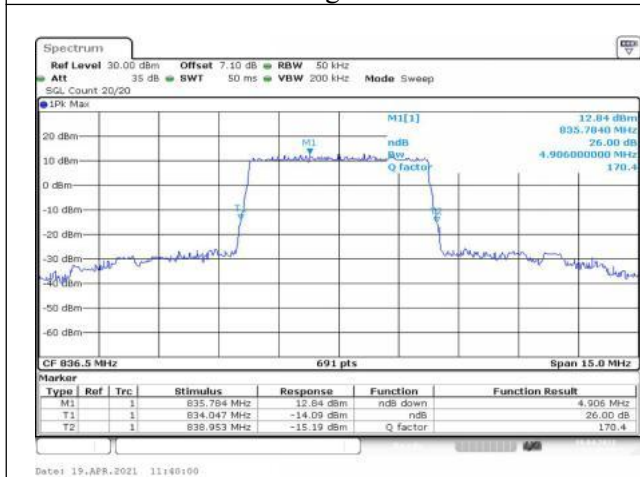


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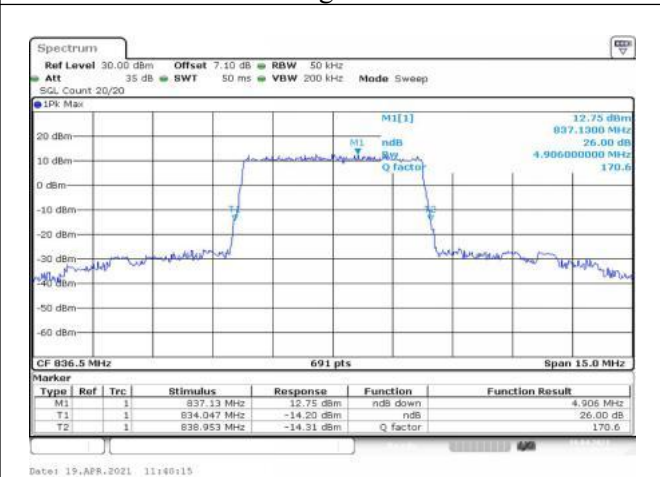


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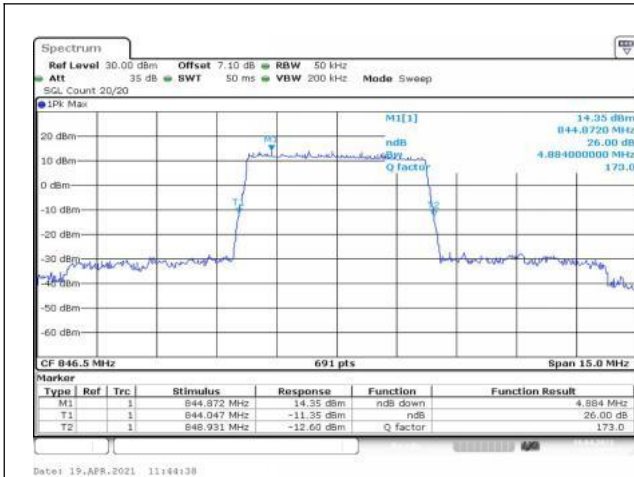


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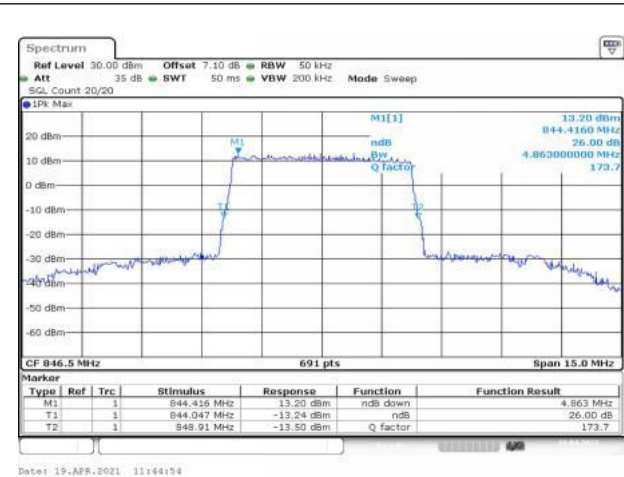


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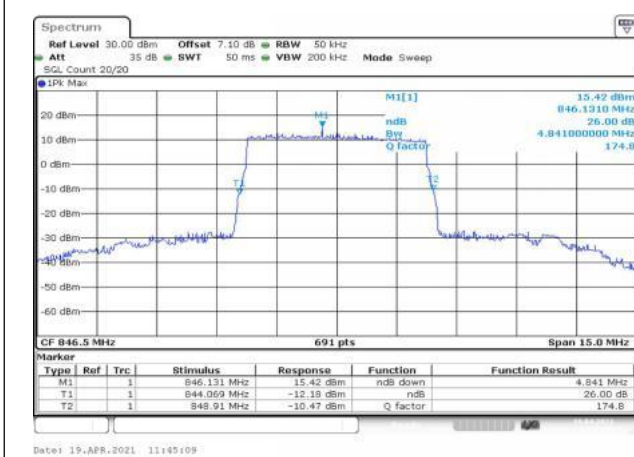


Fig.27

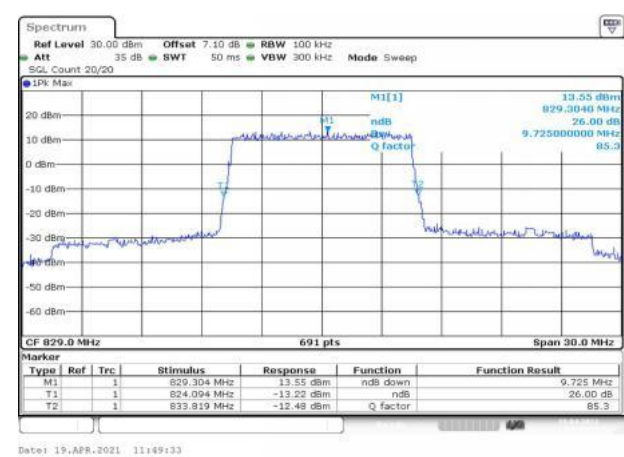


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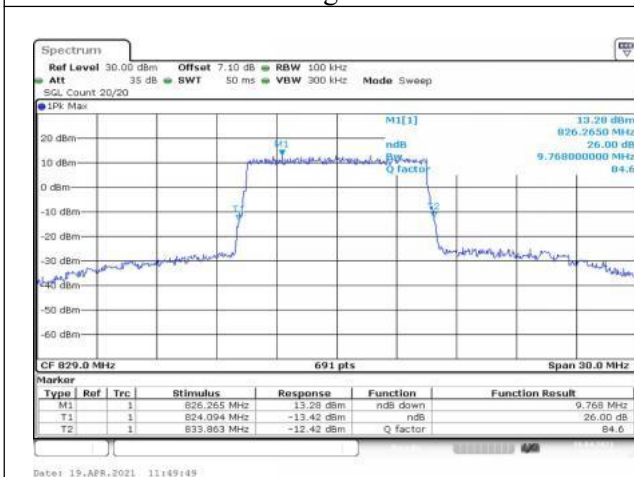


Fig.29

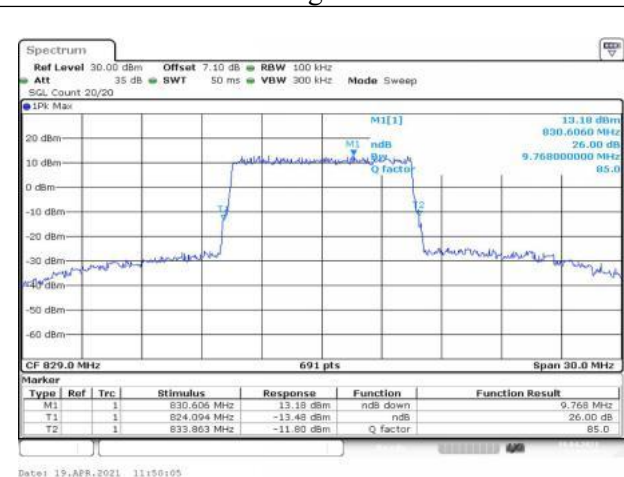


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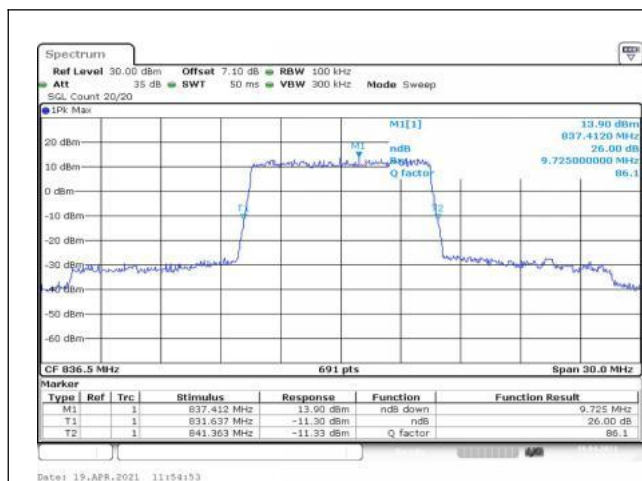


Fig.31

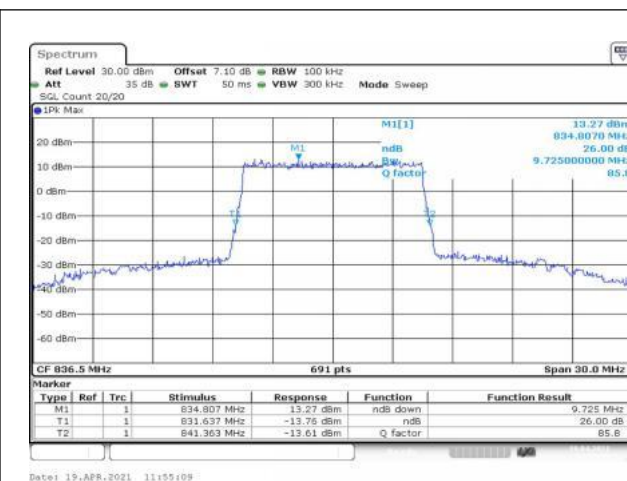


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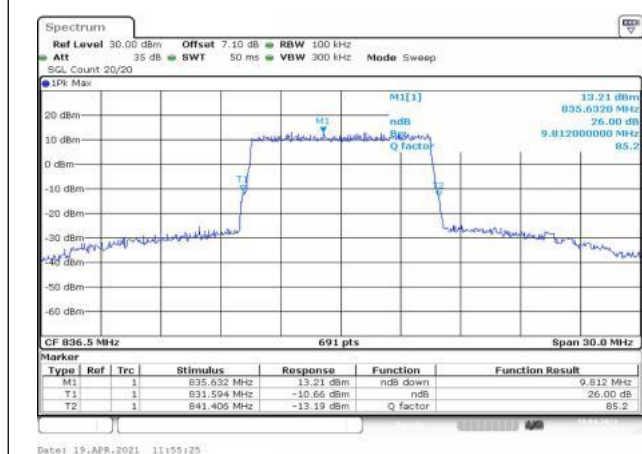


Fig.33

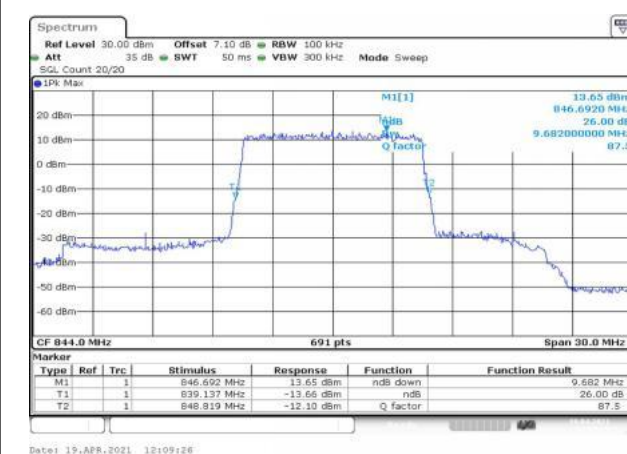


Fig.34



Fig.35

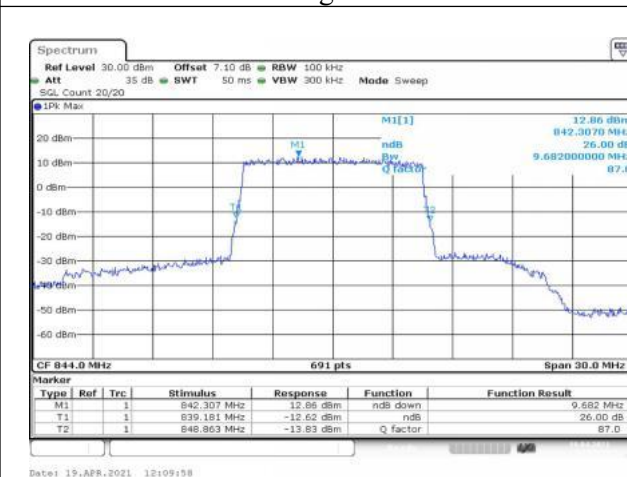


Fig.36

4 Peak-Average Ratio

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	QPSK	16-QAM	64-QAM
5	824.7	20407	1.4	1	5	Fig.1	Fig.2	Fig.3
	824.7	20407		6	0	Fig.4	Fig.5	Fig.6
	836.5	20525		1	5	Fig.7	Fig.8	Fig.9
	836.5	20525		6	0	Fig.10	Fig.11	Fig.12
	848.3	20643		1	5	Fig.13	Fig.14	Fig.15
	848.3	20643		6	0	Fig.16	Fig.17	Fig.18
	825.5	20415	3	1	14	Fig.19	Fig.20	Fig.21
	825.5	20415		15	0	Fig.22	Fig.23	Fig.24
	836.5	20525		1	14	Fig.25	Fig.26	Fig.27
	836.5	20525		15	0	Fig.28	Fig.29	Fig.30
	847.5	20635		1	14	Fig.31	Fig.32	Fig.33
	847.5	20635		15	0	Fig.34	Fig.35	Fig.36
	826.5	20425	5	1	24	Fig.37	Fig.38	Fig.39
	826.5	20425		25	0	Fig.40	Fig.41	Fig.42
	836.5	20525		1	24	Fig.43	Fig.44	Fig.45
	836.5	20525		25	0	Fig.46	Fig.47	Fig.48
	846.5	20625		1	24	Fig.49	Fig.50	Fig.51
	846.5	20625		25	0	Fig.52	Fig.53	Fig.54
	829	20450	10	1	49	Fig.55	Fig.56	Fig.57
	829	20450		50	0	Fig.58	Fig.59	Fig.60
	836.5	20525		1	49	Fig.61	Fig.62	Fig.63
	836.5	20525		50	0	Fig.64	Fig.65	Fig.66
	844	20600		1	49	Fig.67	Fig.68	Fig.69
	844	20600		50	0	Fig.70	Fig.71	Fig.72

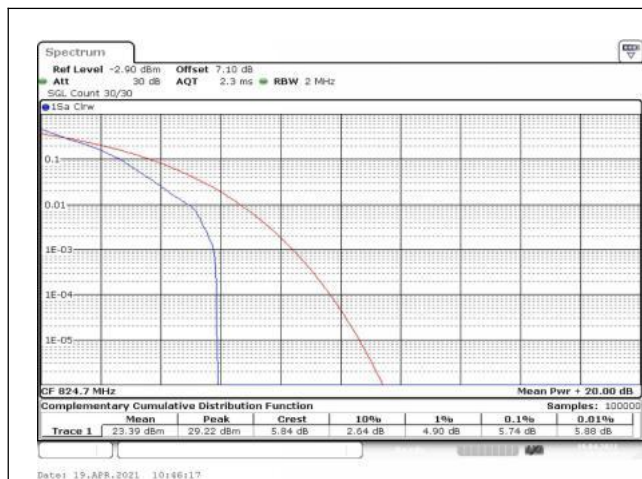


Fig.1



Fig.2

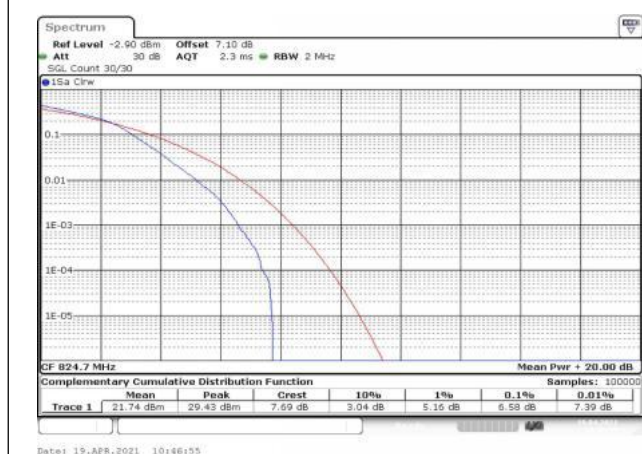


Fig.3

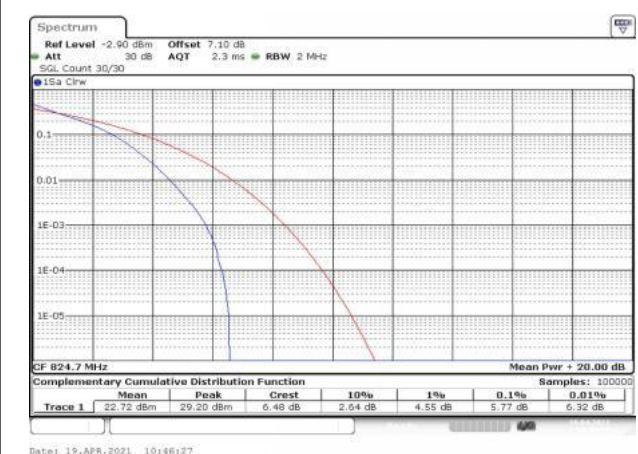


Fig.4



Fig.5

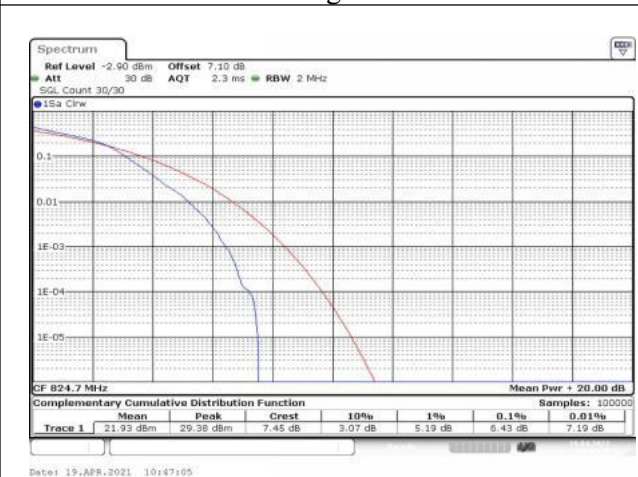


Fig.6

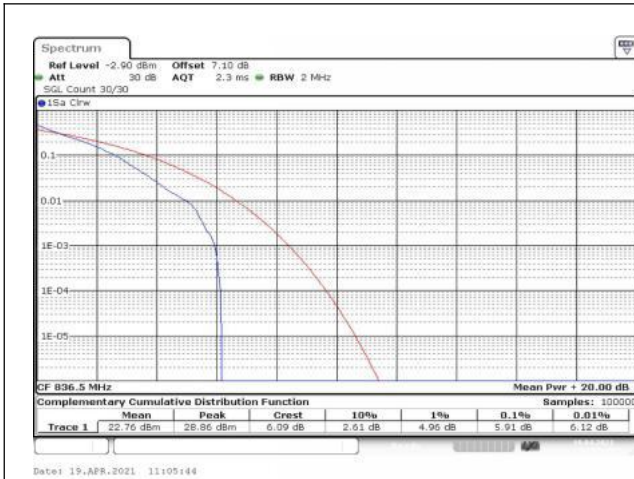


Fig.7

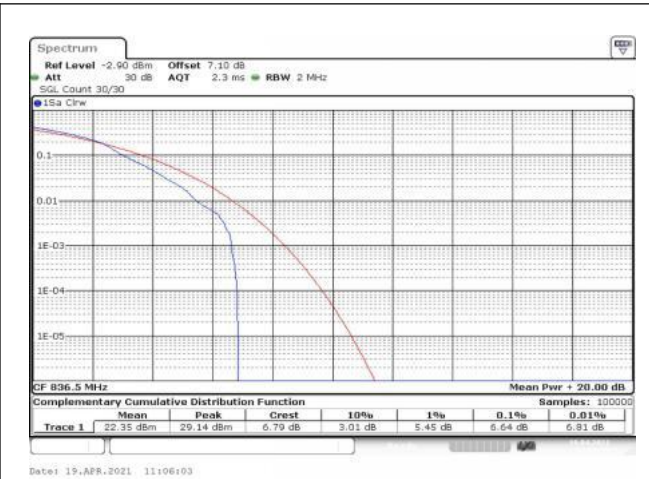


Fig.8

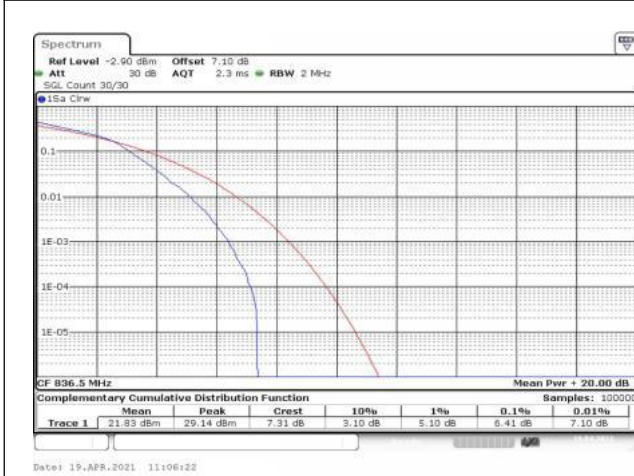


Fig.9

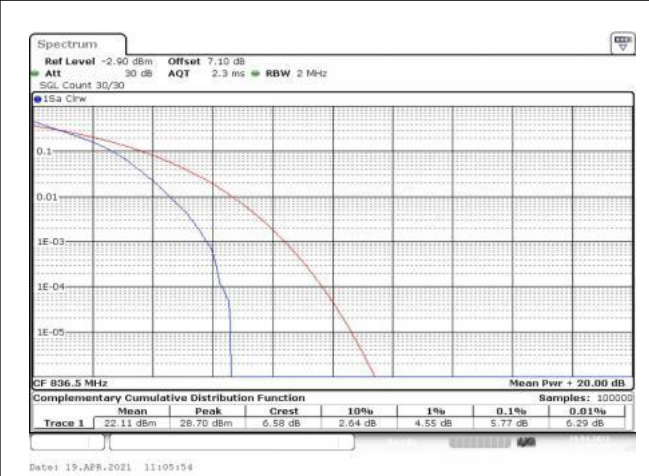


Fig.10

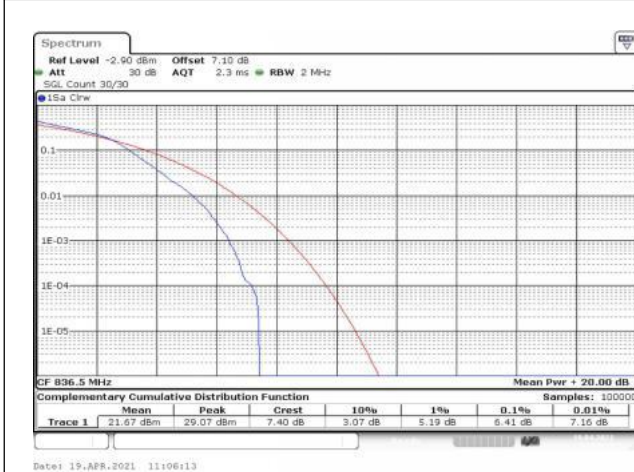


Fig.11

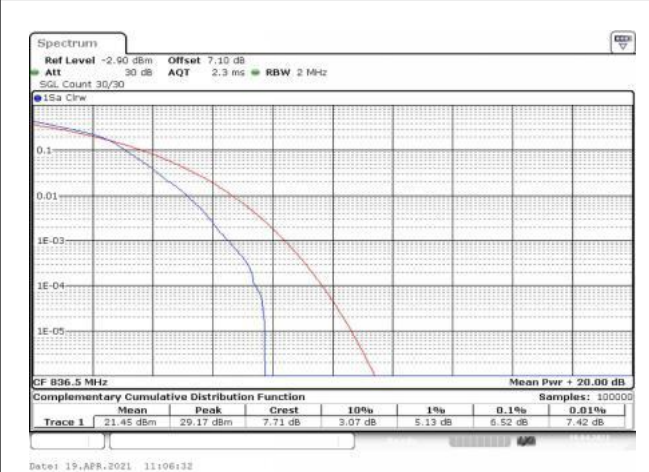


Fig.12

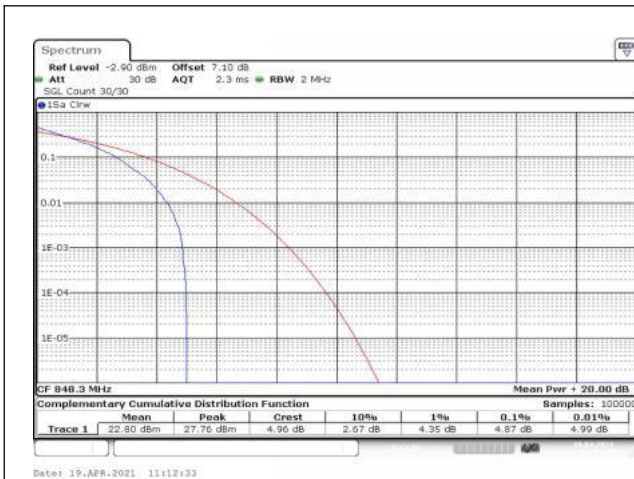


Fig.13

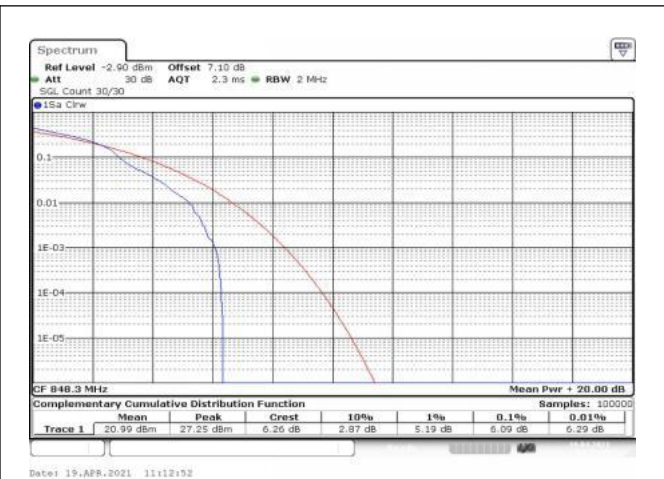


Fig.14

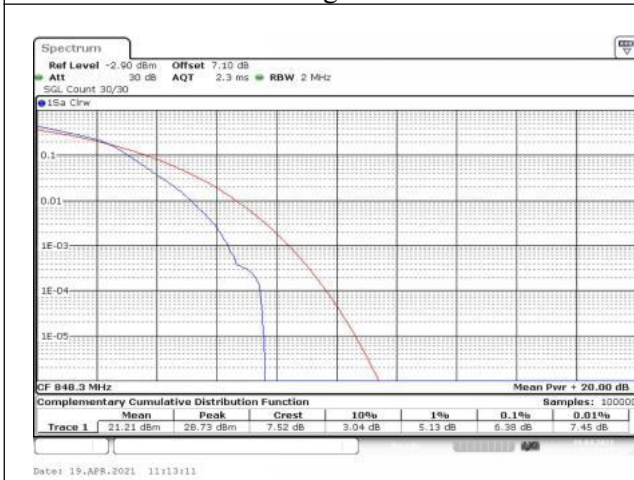


Fig.15

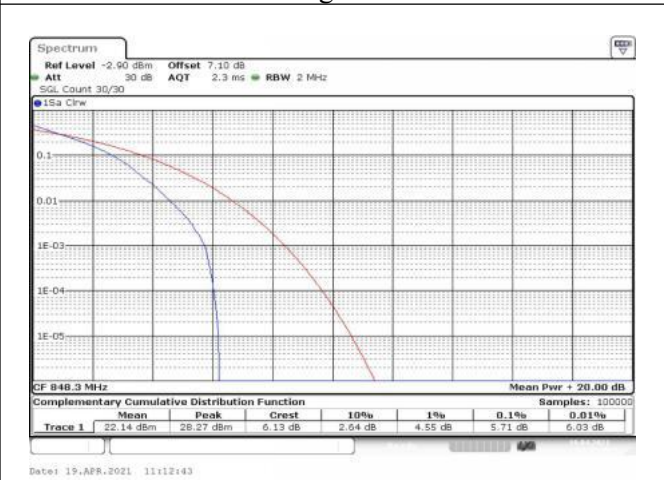


Fig.16



Fig.17

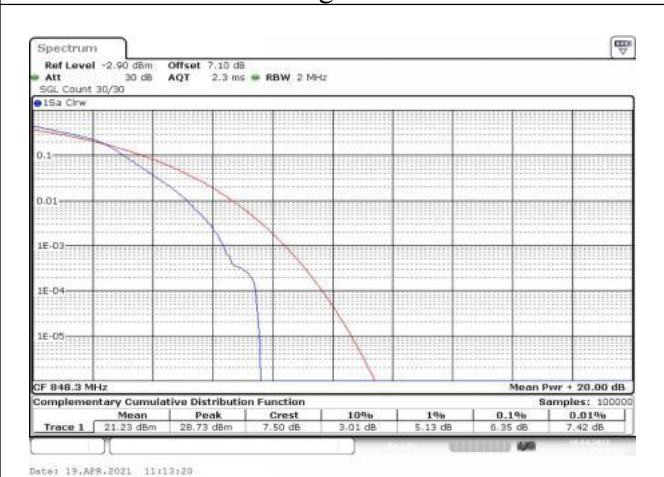


Fig.18

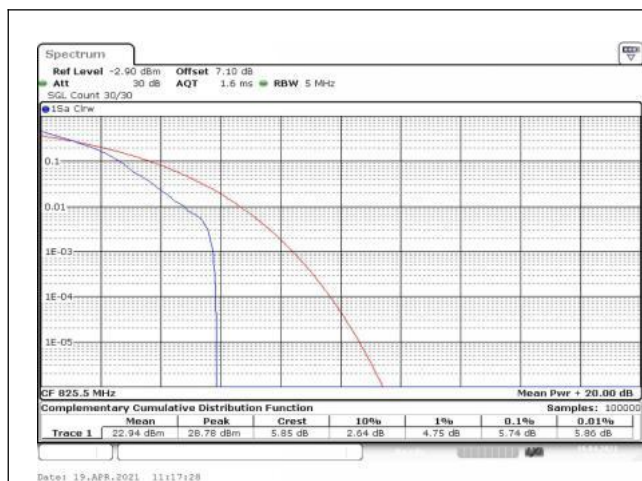


Fig.19

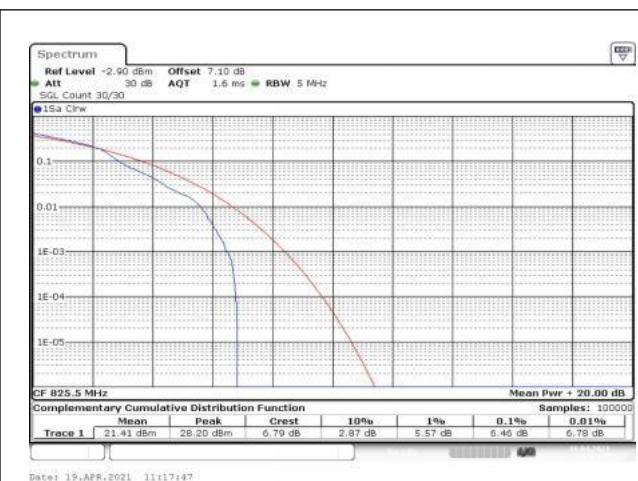


Fig.20

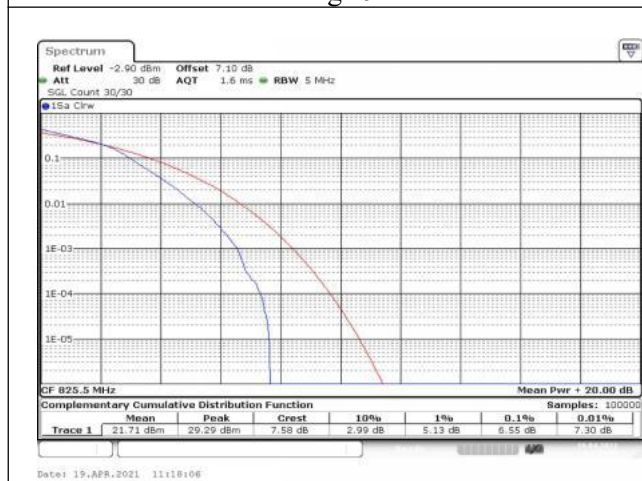


Fig.21



Fig.22



Fig.23



Fig.24



Fig.25

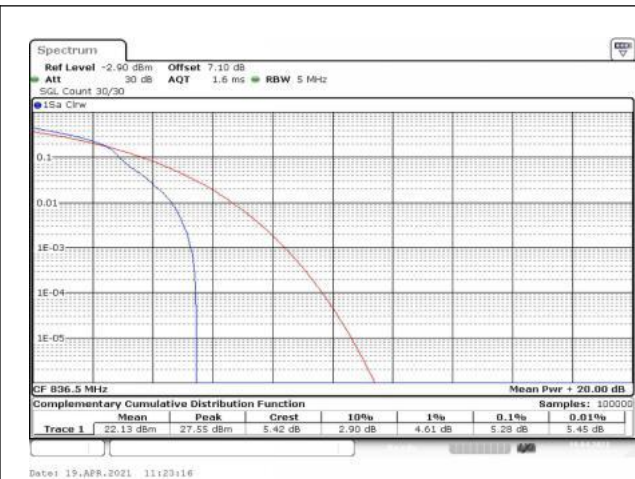


Fig.26

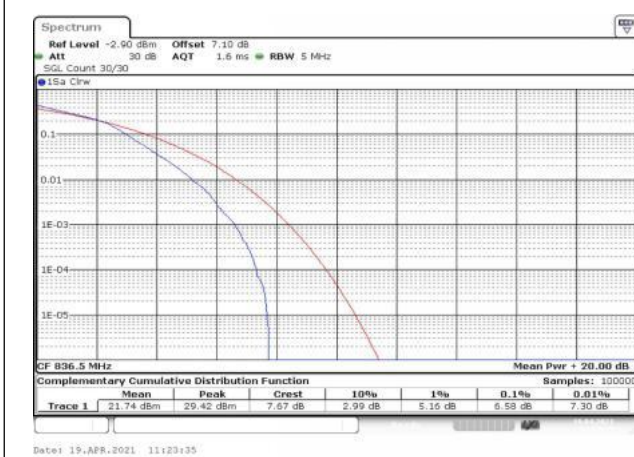


Fig.27

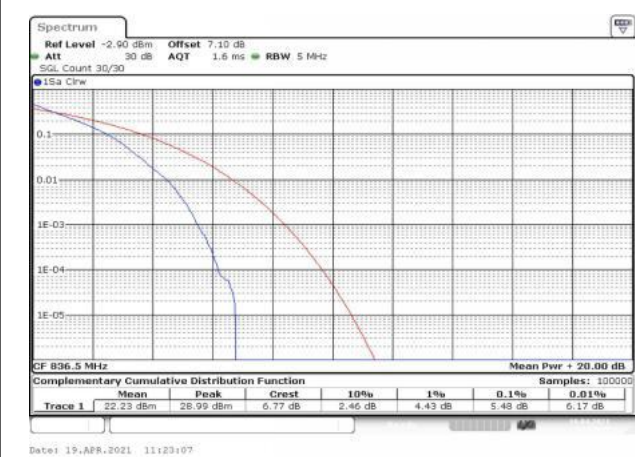


Fig.28

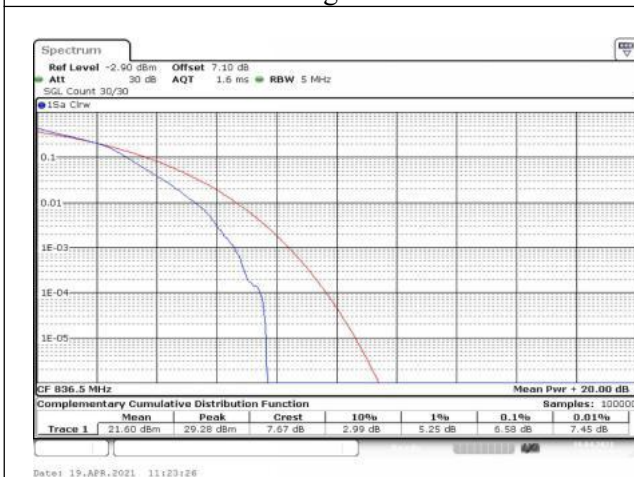


Fig.29

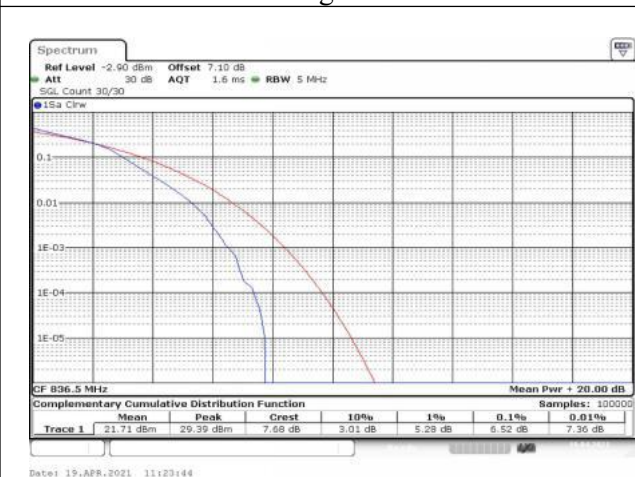


Fig.30

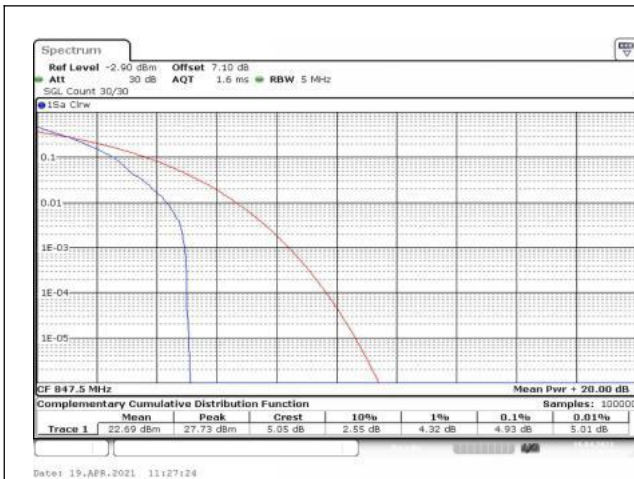


Fig.31

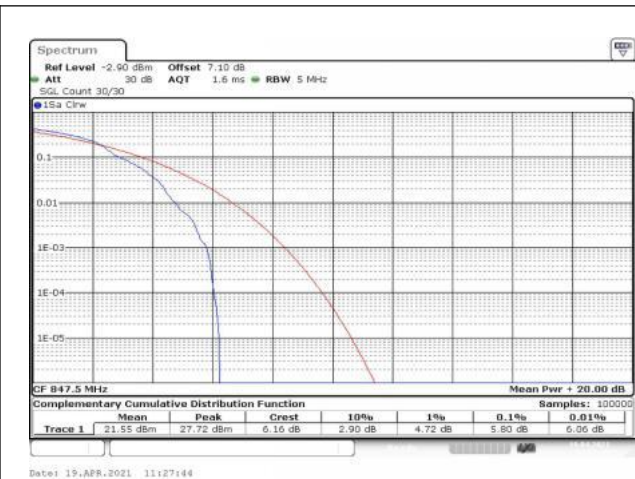


Fig.32

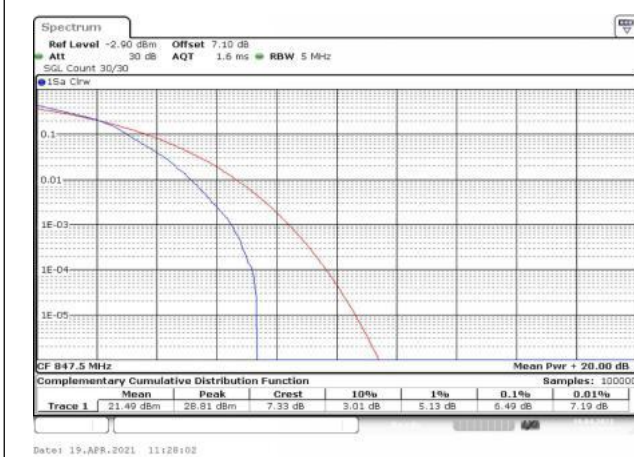


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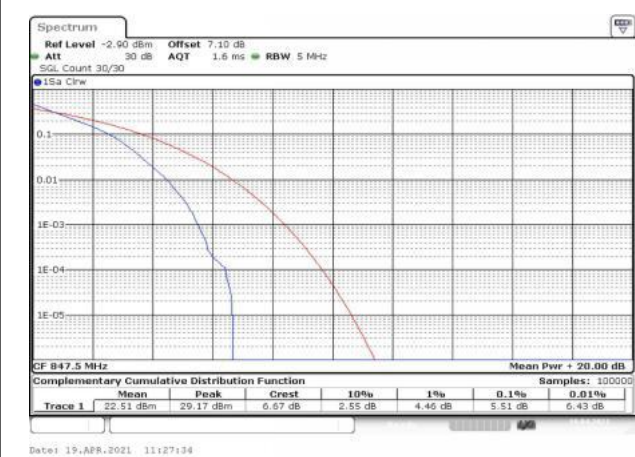


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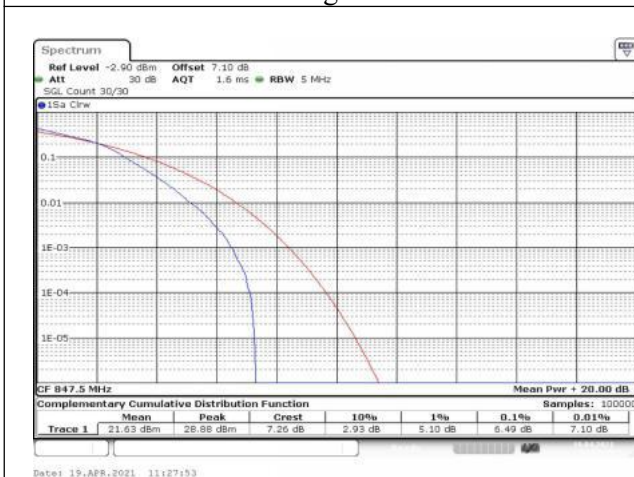


Fig.35

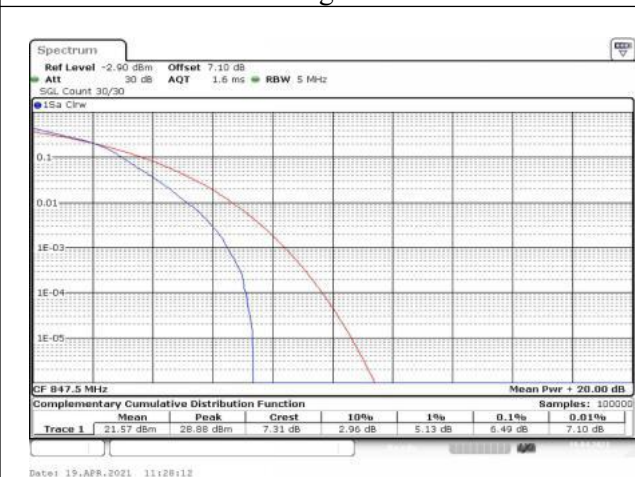


Fig.36

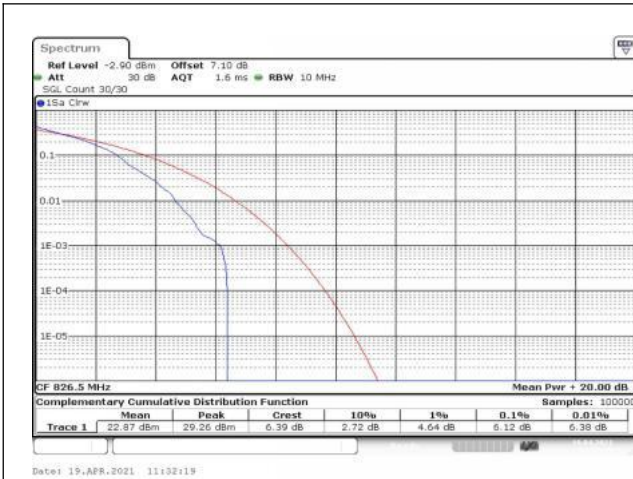


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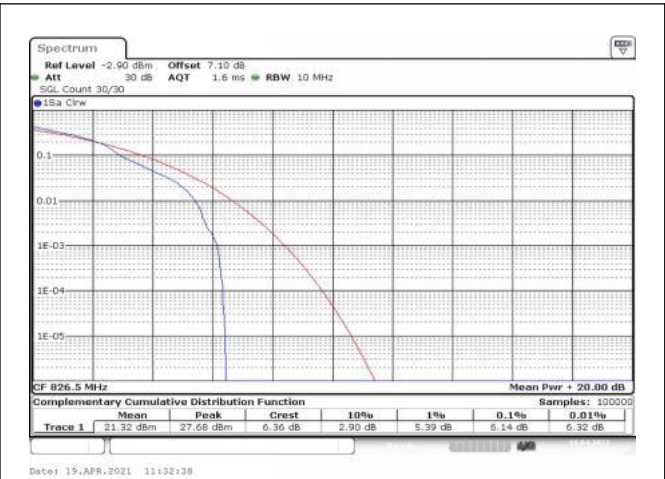


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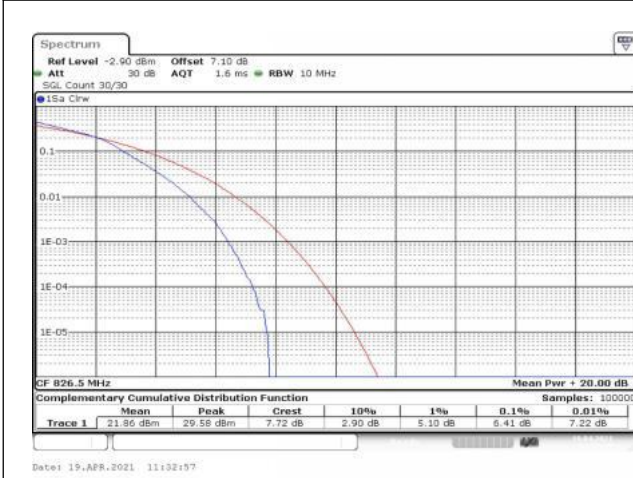


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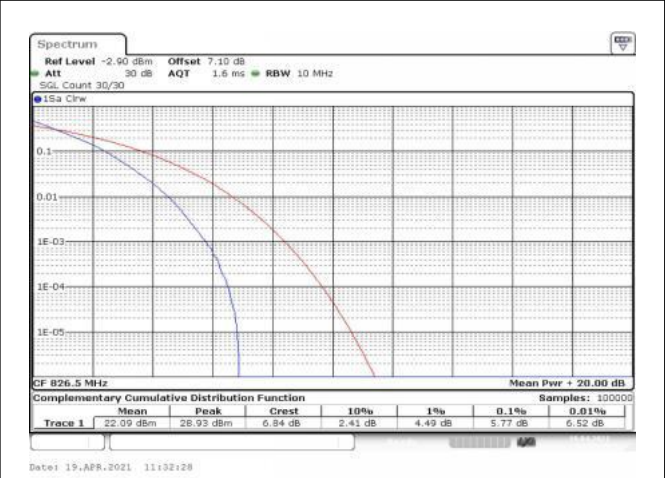


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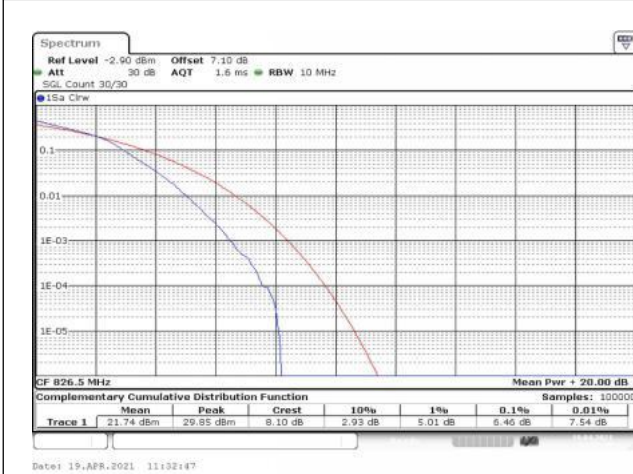


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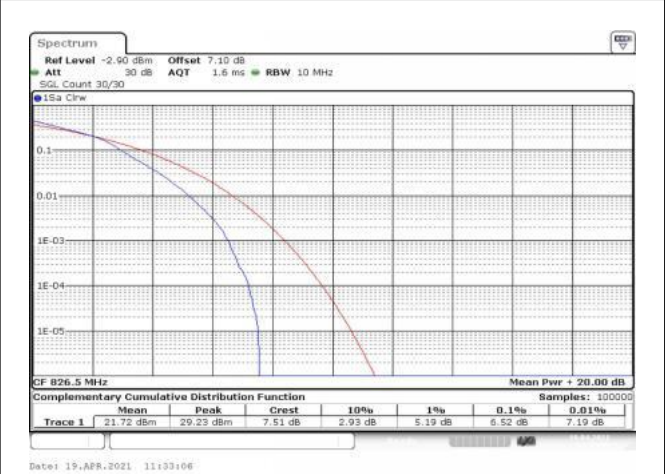


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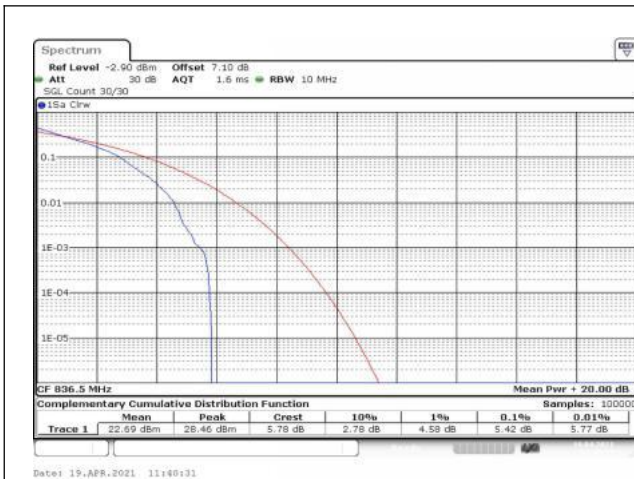


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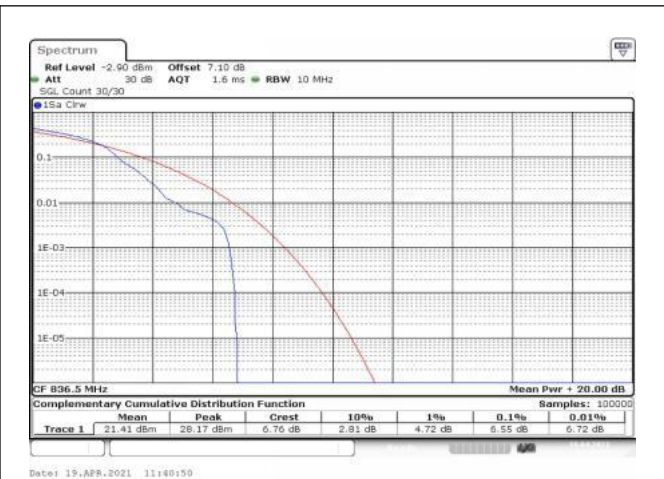


Fig.44



Fig.45

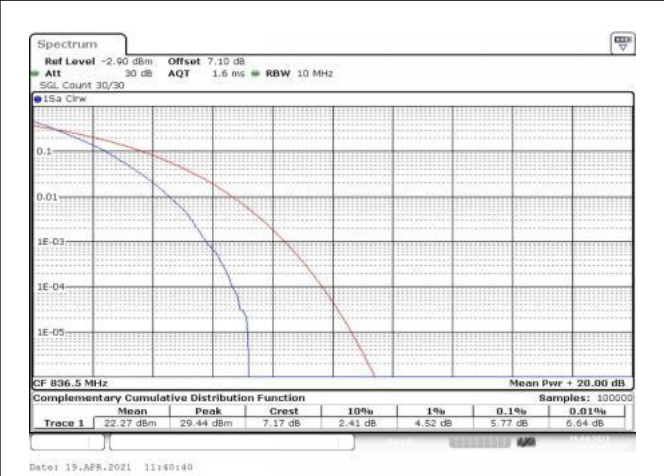


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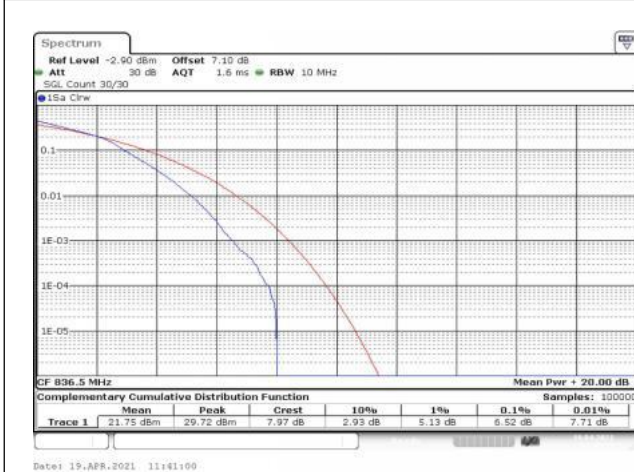


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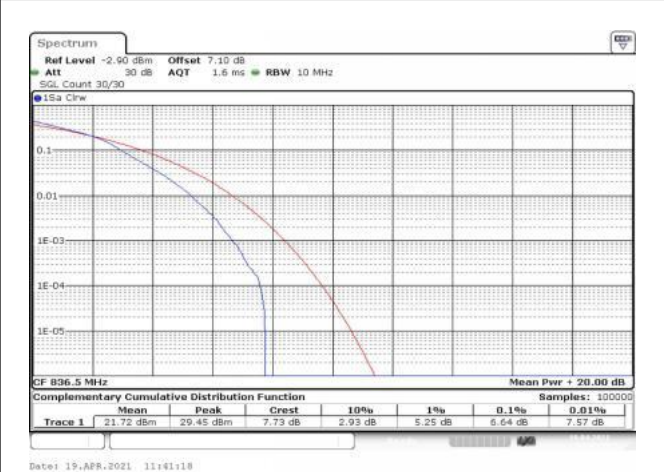


Fig.48

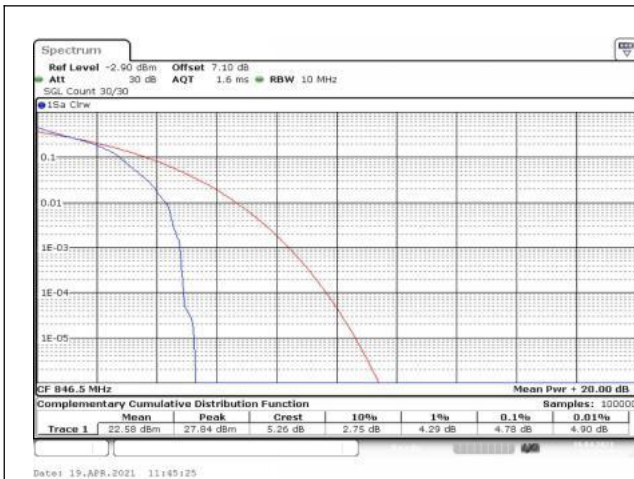


Fig.49

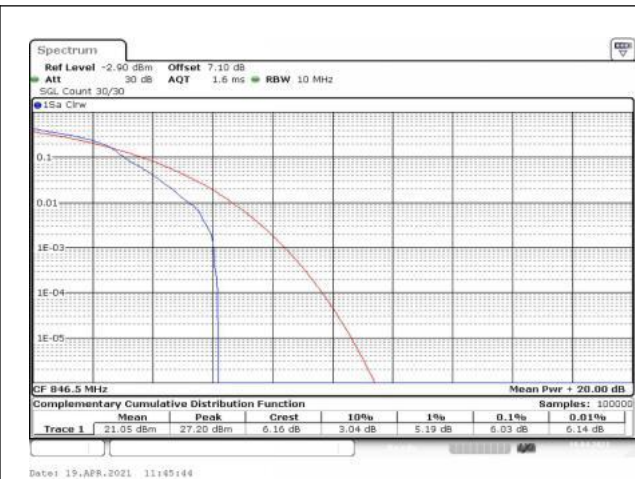


Fig.50

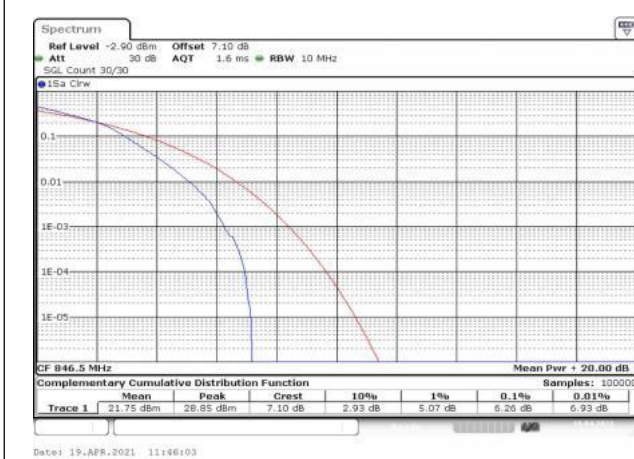


Fig.51

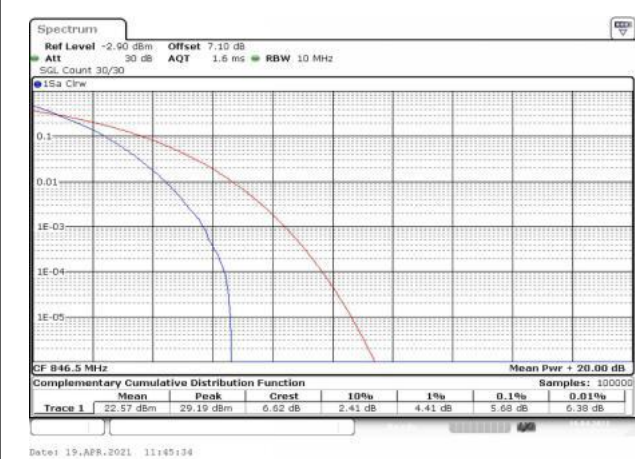


Fig.52

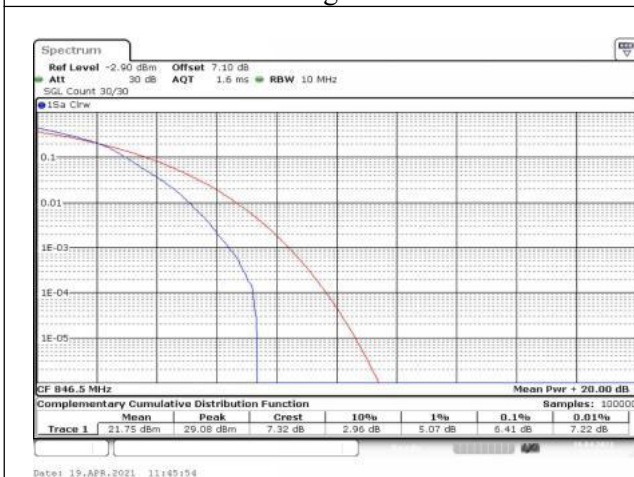


Fig.53

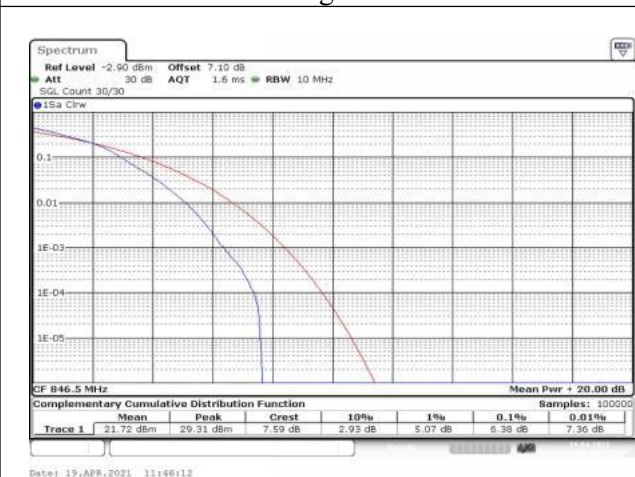


Fig.54

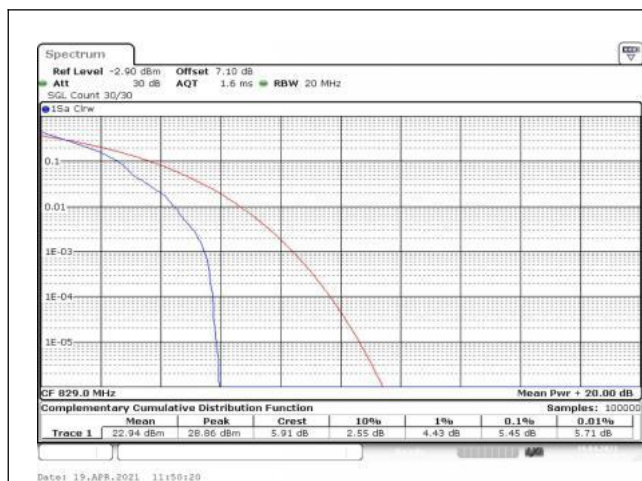


Fig.55

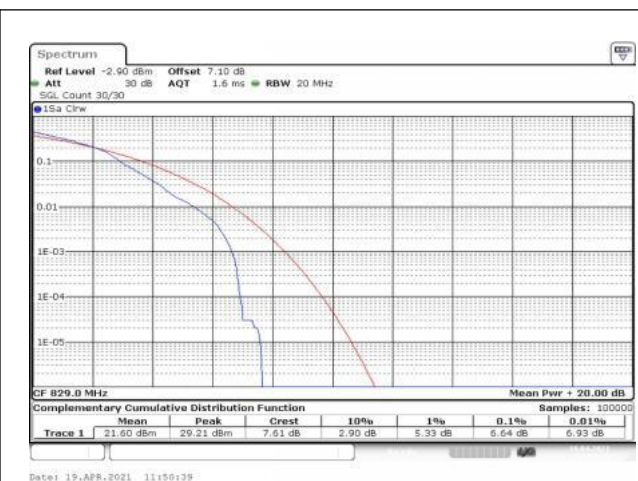


Fig.56

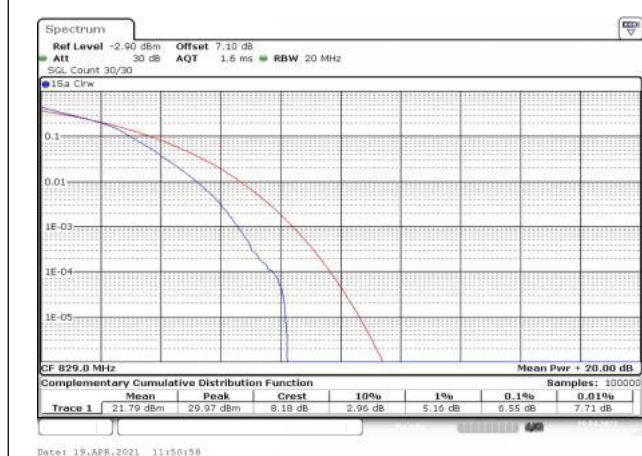


Fig.57

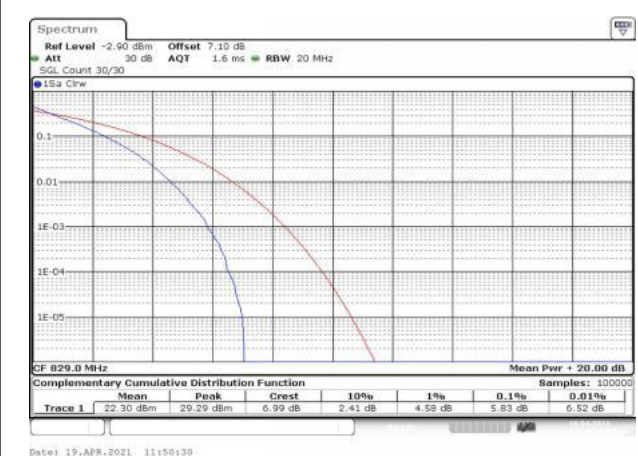


Fig.58

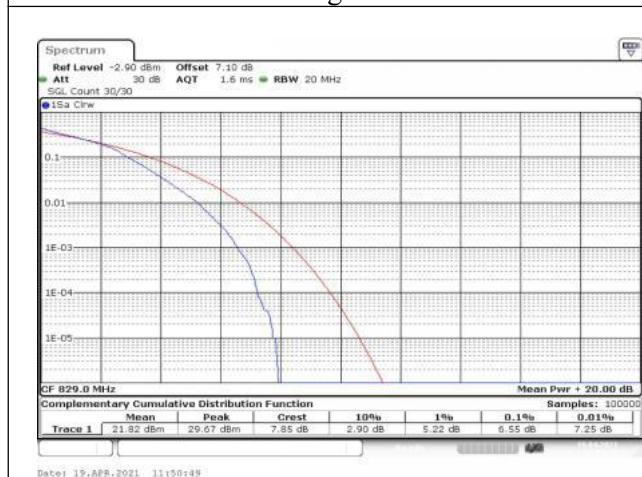


Fig.59

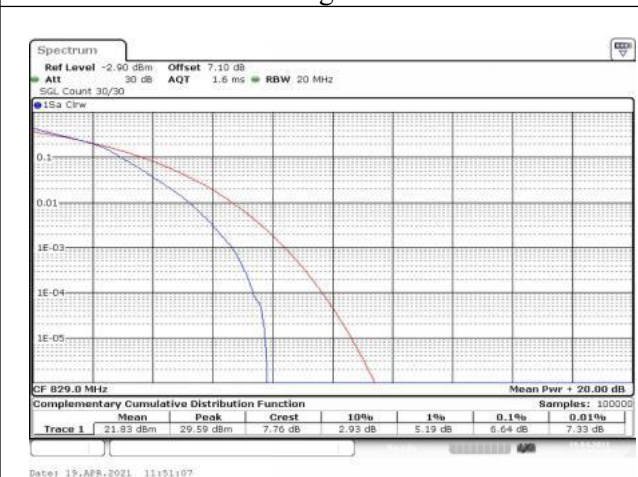


Fig.60

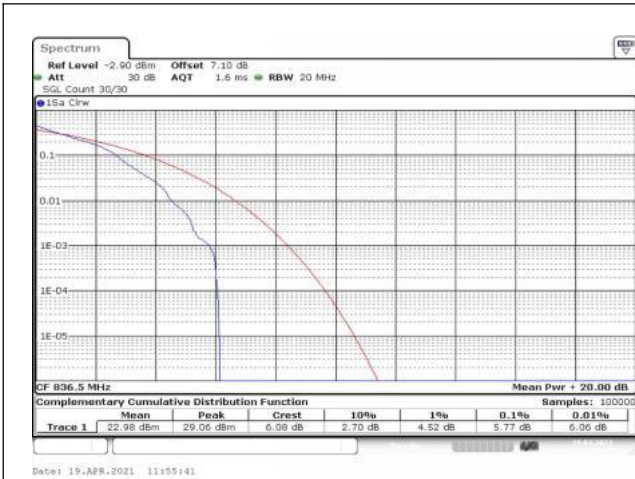


Fig.61

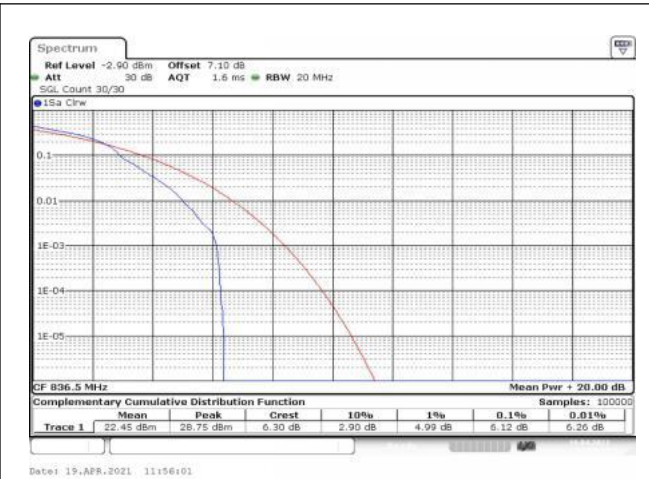


Fig.62

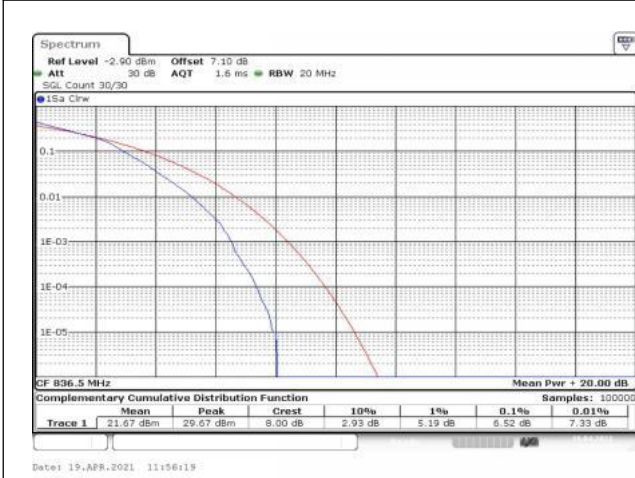


Fig.63

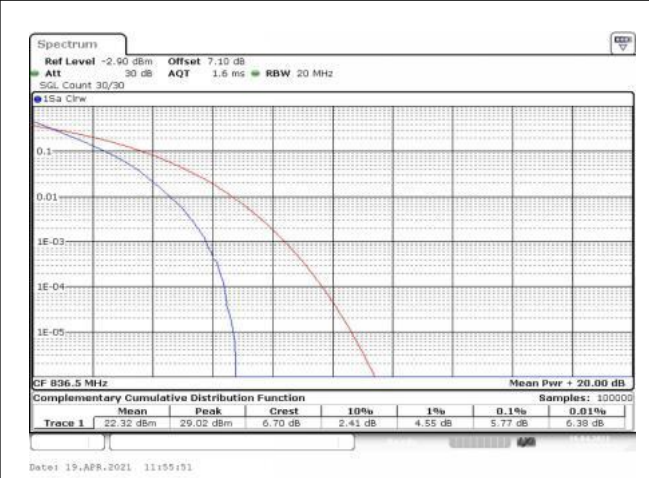


Fig.64

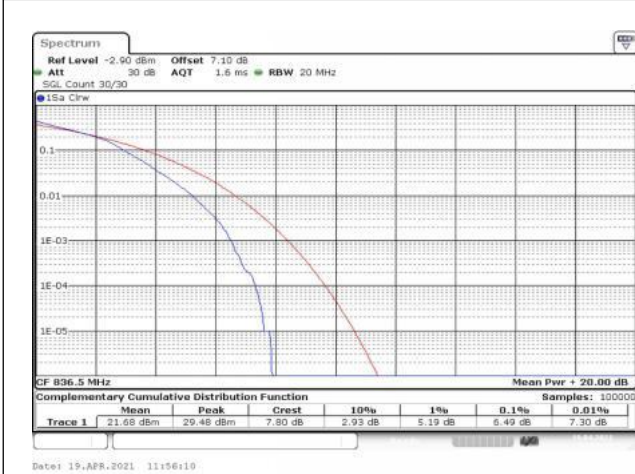


Fig.65

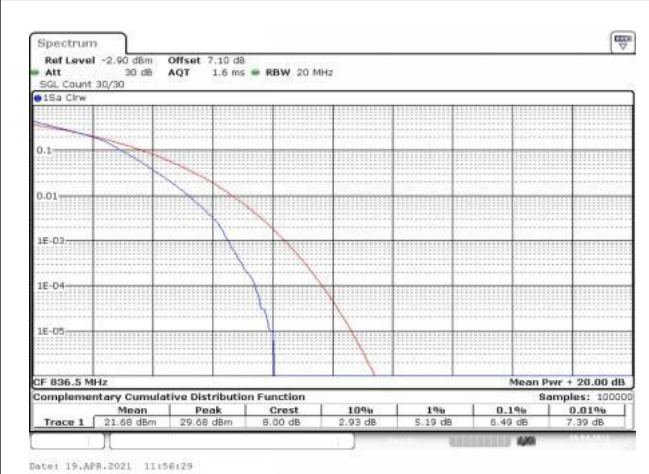


Fig.66

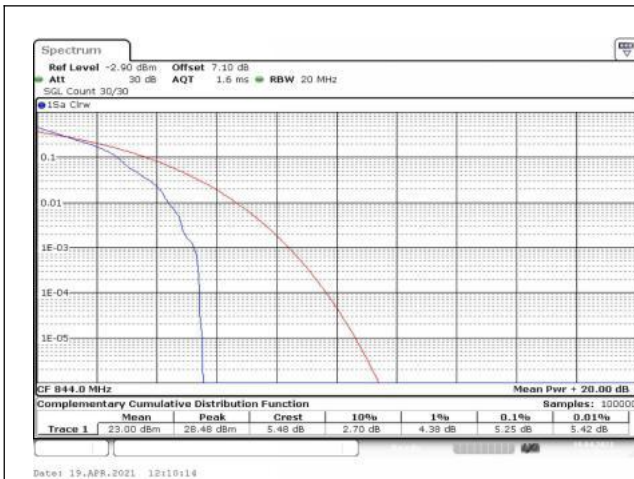


Fig.67

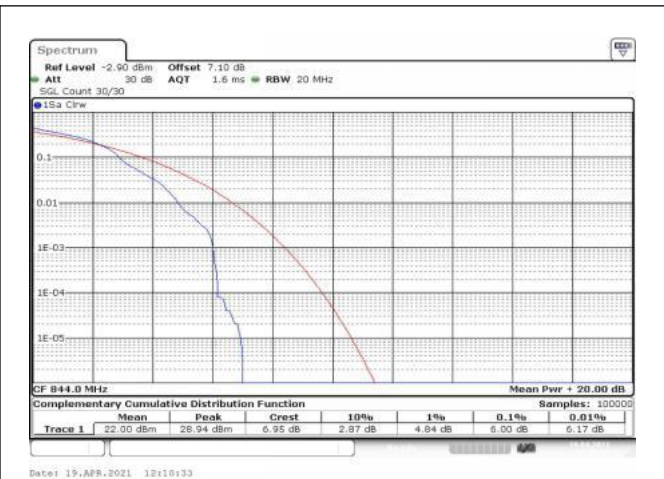


Fig.68

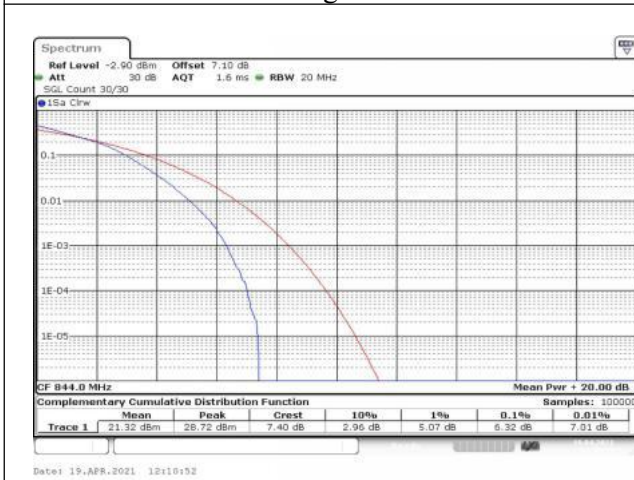


Fig.69

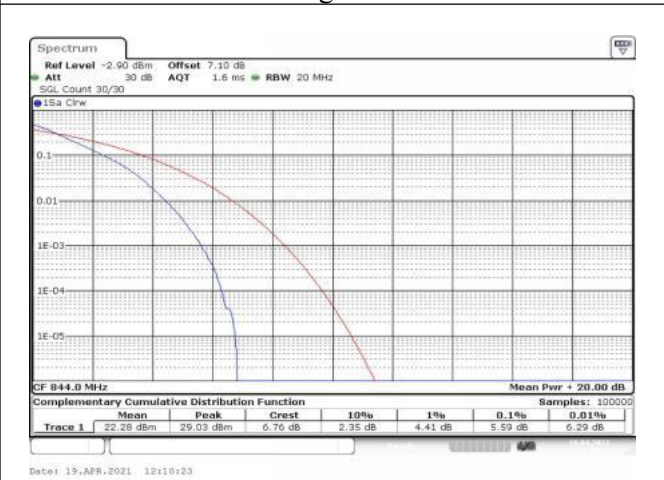


Fig.70



Fig.71

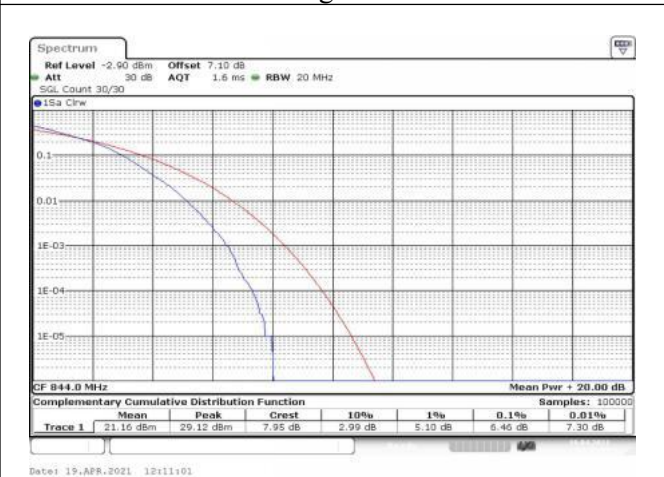


Fig.72

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
	836.5	20525		1	0	Fig.2
	844	20600		1	0	Fig.3

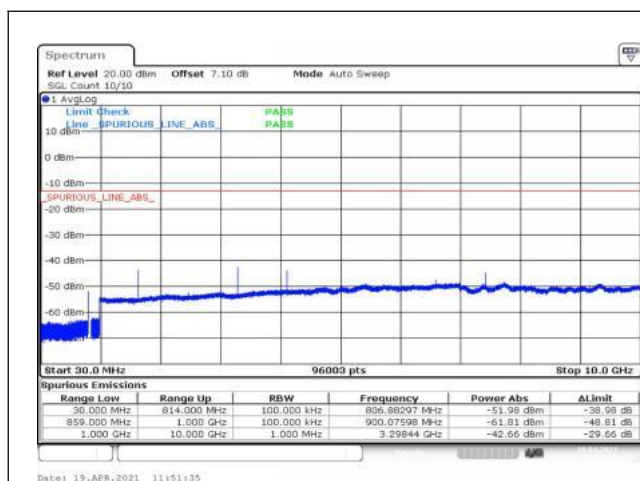


Fig.1

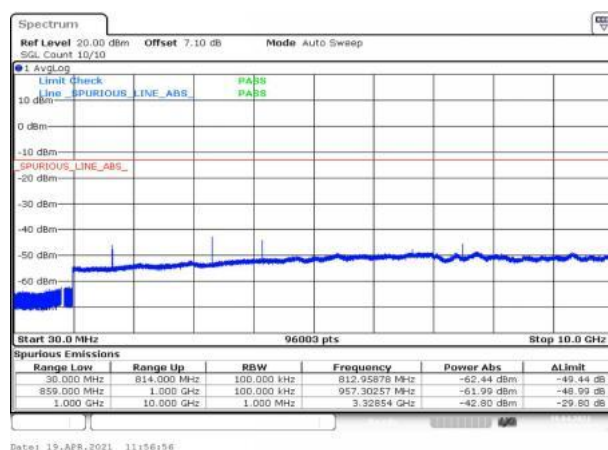


Fig.2

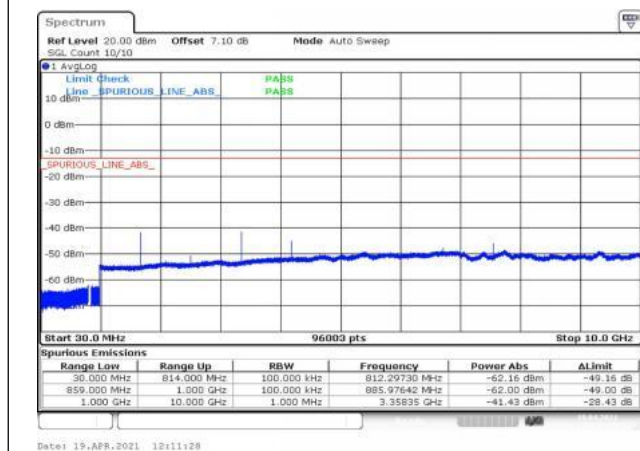
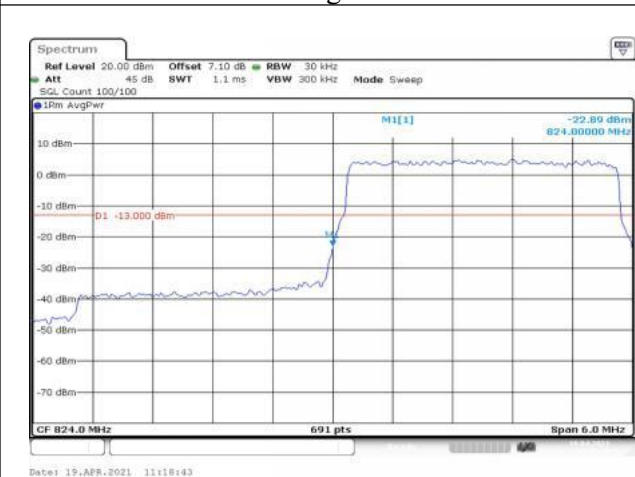
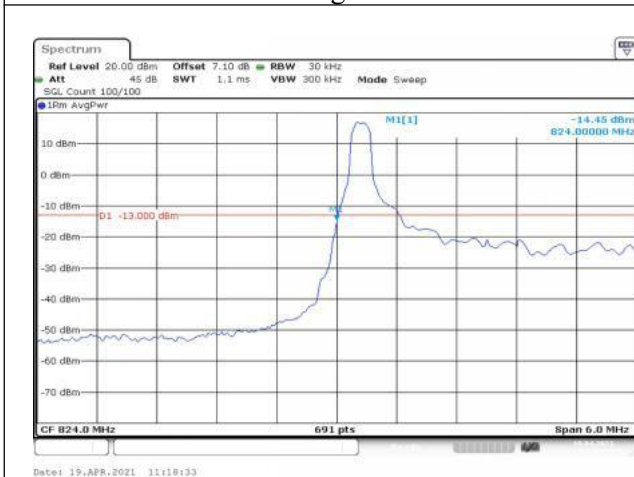
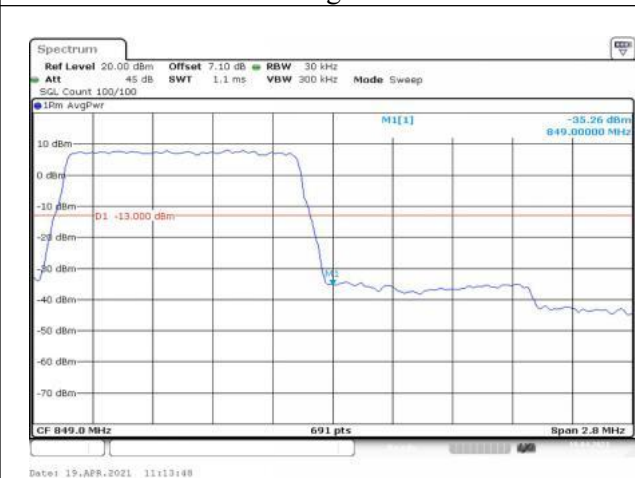
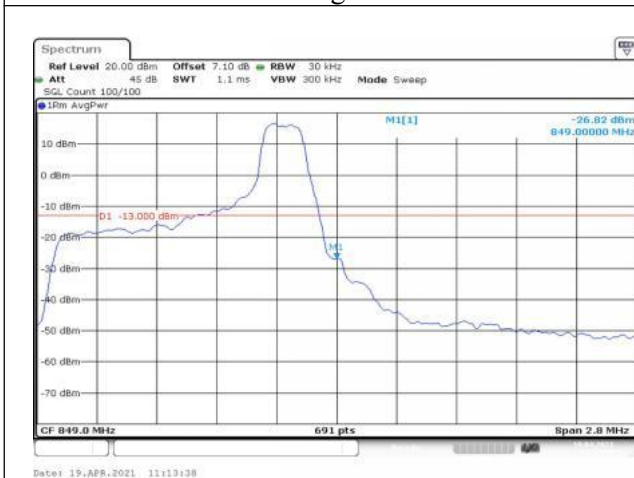
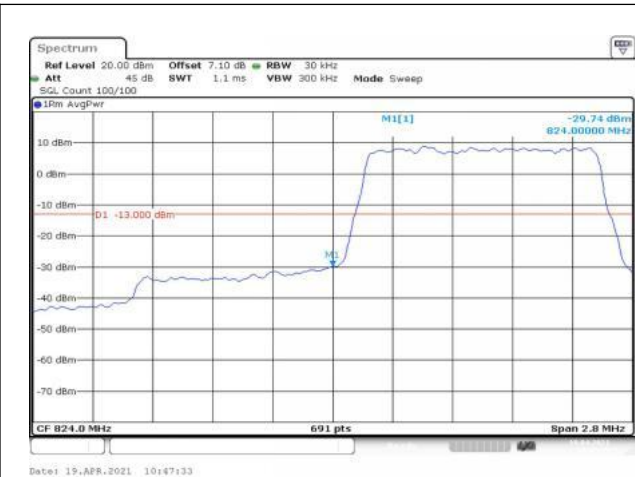
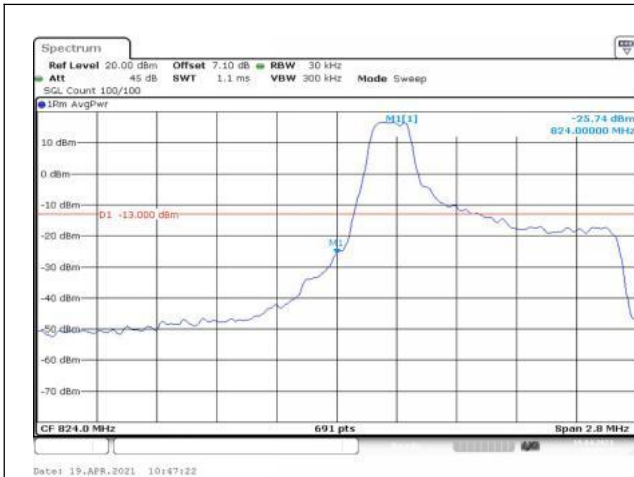


Fig.3

6 Band Edges Compliance

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	
		847.5		20635	1	14	Fig.7
					15	0	Fig.8
	826.5	20425	5	1	0	Fig.9	
				25	0	Fig.10	
		846.5		20625	1	24	Fig.11
					25	0	Fig.12
	829	20450	10	1	0	Fig.13	
				50	0	Fig.14	
		844		20600	1	49	Fig.15
					50	0	Fig.16



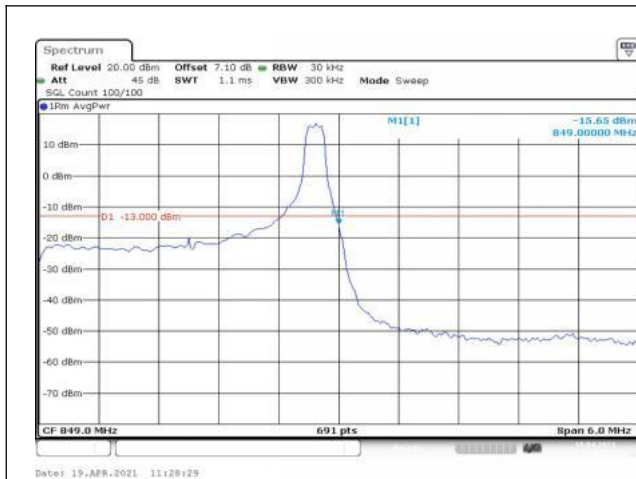


Fig.7

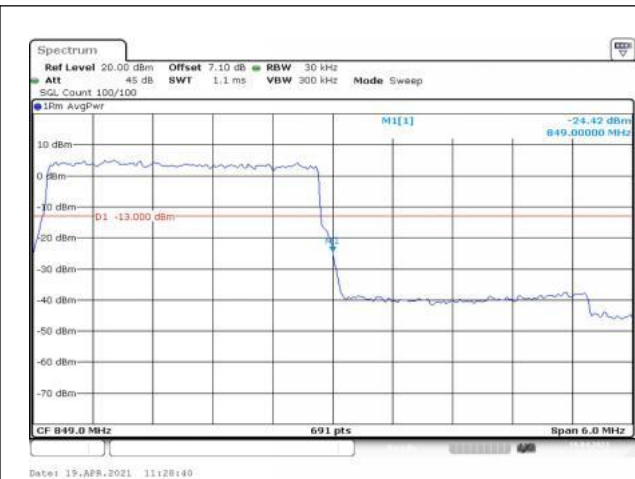


Fig.8

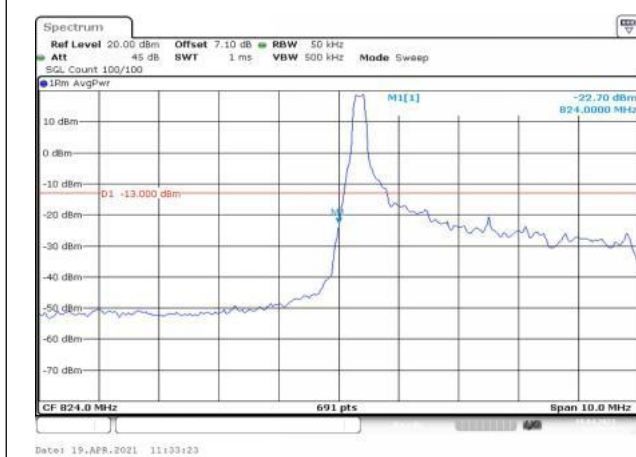


Fig.9

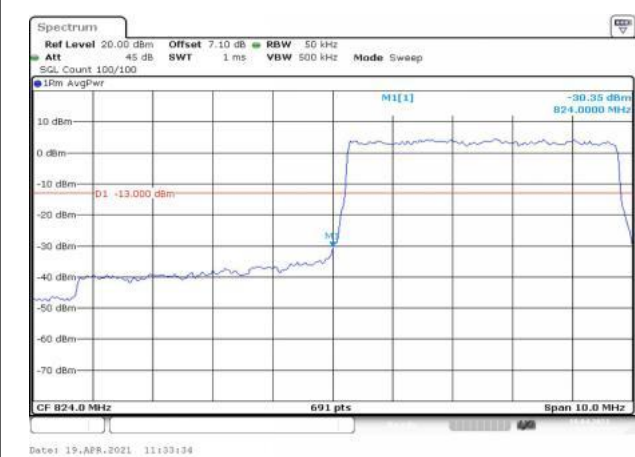


Fig.10

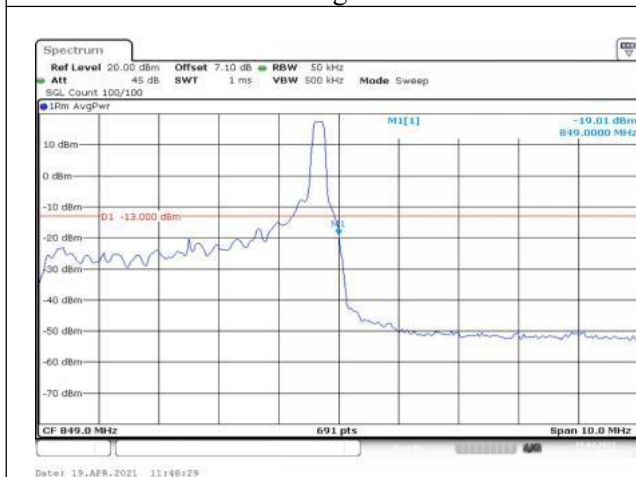


Fig.11

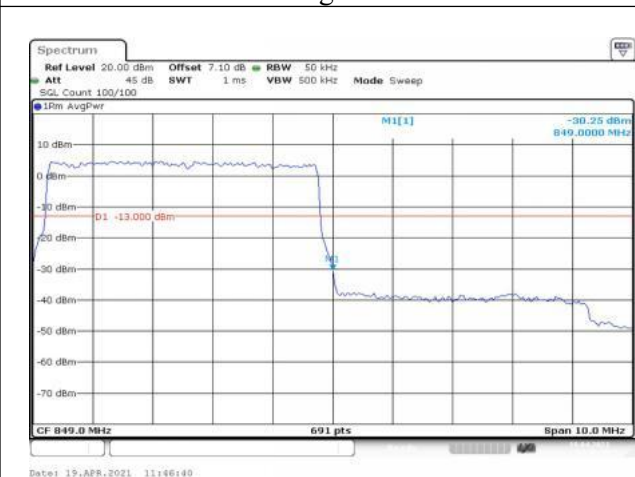


Fig.12

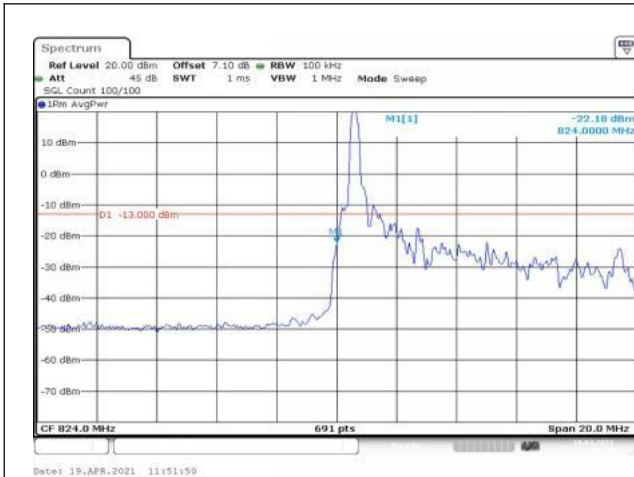


Fig.13

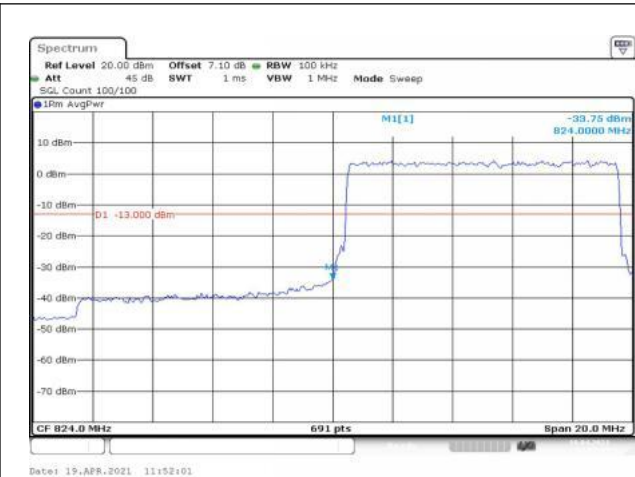


Fig.14

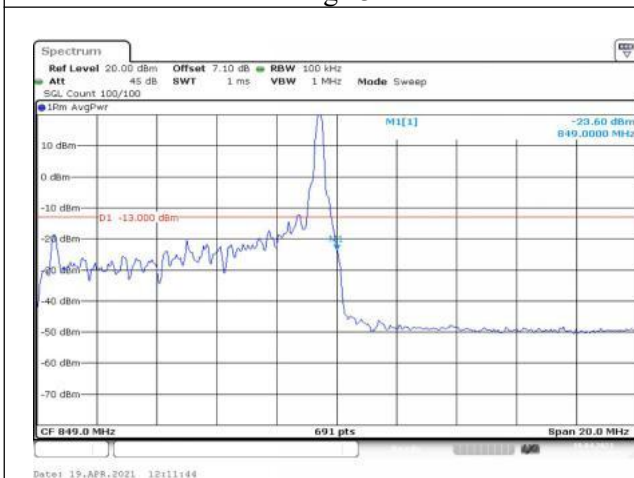


Fig.15

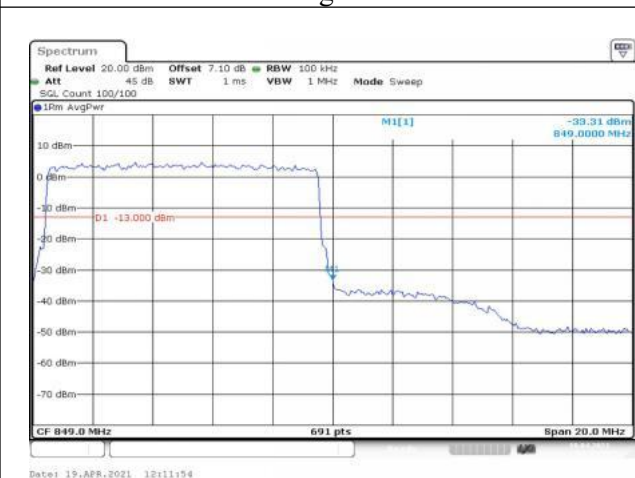


Fig.16

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band5 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-20	NV	0.000	-0.033	-1.209	-0.009	---	---
-10	NV	0.026	-0.018	-0.014	-1.205	---	---
0	NV	0.000	-0.007	-0.033	-0.019	---	---
+10	NV	0.033	-0.042	0.024	0.039	---	---
+20	NV	0.000	0.000	0.000	0.000	---	---
+30	NV	0.014	-0.028	0.031	-1.205	---	---
+40	NV	-0.004	-0.040	-0.053	-0.012	---	---
+50	NV	-1.211	-0.008	-0.047	-0.035	---	---
+55	NV	-0.002	-0.032	-0.040	-0.006	---	---
+20	LV	-0.046	-0.034	-1.209	-1.205	---	---
+20	HV	-0.020	-0.040	-1.209	-0.015	---	---

Temperature(°C)	Voltage	Test Result (ppm) Band5 High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-20	NV	-1.178	-1.179	-0.017	-0.045	---	---
-10	NV	-0.006	-0.028	-0.008	-0.037	---	---
0	NV	-0.027	-0.040	-0.045	0.026	---	---
+10	NV	-0.004	-0.005	-0.037	-0.023	---	---
+20	NV	0.000	0.000	0.000	0.000	---	---
+30	NV	-1.178	-0.018	-0.034	-0.007	---	---
+40	NV	-1.178	-1.179	-0.017	-0.012	---	---
+50	NV	-1.178	-0.034	-0.013	-0.026	---	---
+55	NV	-1.178	0.023	-0.030	-1.184	---	---
+20	LV	-1.178	-0.027	-0.042	-0.005	---	---
+20	HV	-1.178	-1.179	-1.180	-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	20407	1.4	1	0	23.98	20.88	0.122	
				1	3	24.11	21.01	0.126	
				1	5	23.71	20.61	0.115	
				3	0	23.89	20.79	0.120	
				3	1	23.71	20.61	0.115	
				3	3	23.81	20.71	0.118	
	6	0		22.93	19.83	0.096			
	836.5	20525		1	0	23.67	20.57	0.114	
				1	3	24.02	20.92	0.124	
				1	5	23.89	20.79	0.120	
				3	0	23.69	20.59	0.115	
				3	1	23.78	20.68	0.117	
				3	3	23.81	20.71	0.118	
	6	0		22.83	19.73	0.094			
	848.3	20643		1	0	23.40	20.30	0.107	
				1	3	23.38	20.28	0.107	
				1	5	23.29	20.19	0.104	
				3	0	23.36	20.26	0.106	
				3	1	23.43	20.33	0.108	
				3	3	23.48	20.38	0.109	
	16QAM	824.7		20407	6	0	22.55	19.45	0.088
					1	0	23.48	20.38	0.109
					1	3	23.49	20.39	0.109
					1	5	23.47	20.37	0.109
3					0	22.77	19.67	0.093	
3					1	23.17	20.07	0.102	
3		3		23.15	20.05	0.101			
6		0		22.20	19.10	0.081			
836.5		20525		1	0	23.56	20.46	0.111	
				1	3	23.34	20.24	0.106	
				1	5	23.56	20.46	0.111	
				3	0	22.68	19.58	0.091	
				3	1	23.02	19.92	0.098	
				3	3	23.10	20.00	0.100	
6		0		22.03	18.93	0.078			
848.3		20643		1	0	22.66	19.56	0.090	
				1	3	22.31	19.21	0.083	
				1	5	22.30	19.20	0.083	
				3	0	22.89	19.79	0.095	
				3	1	22.42	19.32	0.086	
				3	3	22.40	19.30	0.085	
6		0		21.54	18.44	0.070			

Modulation	Carrier frequen cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	824.7	20407	1.4	1	0	22.20	19.10	0.081
				1	3	22.19	19.09	0.081
				1	5	22.18	19.08	0.081
				3	0	22.17	19.07	0.081
				3	1	22.22	19.12	0.082
				3	3	22.32	19.22	0.084
				6	0	22.31	19.21	0.083
	836.5	20525		1	0	22.45	19.35	0.086
				1	3	22.48	19.38	0.087
				1	5	22.42	19.32	0.086
				3	0	22.44	19.34	0.086
				3	1	22.40	19.30	0.085
				3	3	22.69	19.59	0.091
				6	0	22.50	19.40	0.087
	848.3	20643		1	0	21.54	18.44	0.070
				1	3	21.54	18.44	0.070
				1	5	21.59	18.49	0.071
				3	0	21.52	18.42	0.070
				3	1	21.62	18.52	0.071
				3	3	21.63	18.53	0.071
				6	0	21.53	18.43	0.070

Modulation	Carrier frequerncy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	825.5	20415	3	1	0	23.89	20.79	0.120
				1	8	23.38	20.28	0.107
				1	14	23.37	20.27	0.106
				8	0	22.91	19.81	0.096
				8	4	22.37	19.27	0.085
				8	7	22.37	19.27	0.085
				15	0	22.89	19.79	0.095
	836.5	20525		1	0	23.38	20.28	0.107
				1	8	23.41	20.31	0.107
				1	14	23.57	20.47	0.111
				8	0	22.39	19.29	0.085
				8	4	22.40	19.30	0.085
				8	7	22.46	19.36	0.086
				15	0	22.55	19.45	0.088
	847.5	20635		1	0	23.47	20.37	0.109
				1	8	23.50	20.40	0.110
				1	14	23.47	20.37	0.109
				8	0	22.91	19.81	0.096
				8	4	22.53	19.43	0.088
				8	7	22.52	19.42	0.087
				15	0	22.80	19.70	0.093
16QAM	825.5	20415	1	0	23.10	20.00	0.100	
			1	8	22.50	19.40	0.087	
			1	14	22.51	19.41	0.087	
			8	0	22.19	19.09	0.081	
			8	4	22.16	19.06	0.081	
			8	7	22.16	19.06	0.081	
			15	0	22.08	18.98	0.079	
	836.5	20525	1	0	22.62	19.52	0.090	
			1	8	22.63	19.53	0.090	
			1	14	22.63	19.53	0.090	
			8	0	21.63	18.53	0.071	
			8	4	21.90	18.80	0.076	
			8	7	21.89	18.79	0.076	
			15	0	21.85	18.75	0.075	
	847.5	20635	1	0	22.65	19.55	0.090	
			1	8	22.15	19.05	0.080	
			1	14	22.15	19.05	0.080	
			8	0	22.06	18.96	0.079	
			8	4	21.58	18.48	0.070	
			8	7	21.58	18.48	0.070	
			15	0	21.90	18.80	0.076	

Modulation	Carrier frequern cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	825.5	20415	3	1	0	22.03	18.93	0.078
				1	8	22.08	18.98	0.079
				1	14	21.97	18.87	0.077
				8	0	22.07	18.97	0.079
				8	4	22.07	18.97	0.079
				8	7	22.06	18.96	0.079
				15	0	22.06	18.96	0.079
	836.5	20525		1	0	21.85	18.75	0.075
				1	8	21.84	18.74	0.075
				1	14	21.84	18.74	0.075
				8	0	21.83	18.73	0.075
				8	4	21.83	18.73	0.075
				8	7	21.83	18.73	0.075
				15	0	21.82	18.72	0.074
	847.5	20635		1	0	21.85	18.75	0.075
				1	8	21.85	18.75	0.075
				1	14	21.91	18.81	0.076
				8	0	21.90	18.80	0.076
				8	4	21.85	18.75	0.075
				8	7	21.90	18.80	0.076
				15	0	21.89	18.79	0.076

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)	
QPSK	826.5	20425	5	1	0	23.85	20.75	0.119	
				1	12	23.24	20.14	0.103	
				1	24	23.25	20.15	0.104	
				12	0	22.97	19.87	0.097	
				12	7	22.54	19.44	0.088	
				12	13	22.54	19.44	0.088	
	836.5	20525		25	0	22.39	19.29	0.085	
				1	0	23.26	20.16	0.104	
				1	12	23.16	20.06	0.101	
				1	24	23.21	20.11	0.103	
				12	0	22.41	19.31	0.085	
				12	7	22.50	19.40	0.087	
	846.5	20625		12	13	22.48	19.38	0.087	
				25	0	22.49	19.39	0.087	
				1	0	23.33	20.23	0.105	
				1	12	23.39	20.29	0.107	
				1	24	23.30	20.20	0.105	
				12	0	22.45	19.35	0.086	
	16QAM	826.5		20425	12	7	22.77	19.67	0.093
					12	13	22.90	19.80	0.095
					25	0	22.79	19.69	0.093
					1	0	22.16	19.06	0.081
					1	12	21.47	18.37	0.069
					1	24	21.64	18.54	0.071
836.5		20525	12	0	21.93	18.83	0.076		
			12	7	21.84	18.74	0.075		
			12	13	21.90	18.80	0.076		
			25	0	22.01	18.91	0.078		
			1	0	21.58	18.48	0.070		
			1	12	21.49	18.39	0.069		
846.5		20625	1	24	21.64	18.54	0.071		
			12	0	21.42	18.32	0.068		
			12	7	21.76	18.66	0.073		
			12	13	21.75	18.65	0.073		
			25	0	21.89	18.79	0.076		
			1	0	21.78	18.68	0.074		
				1	12	21.61	18.51	0.071	
				1	24	21.59	18.49	0.071	
				12	0	21.48	18.38	0.069	
				12	7	21.88	18.78	0.076	
				12	13	21.87	18.77	0.075	
				25	0	22.00	18.90	0.078	

Modulation	Carrier frequern cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	826.5	20425	5	1	0	22.01	18.91	0.078
				1	12	22.02	18.92	0.078
				1	24	22.02	18.92	0.078
				12	0	22.02	18.92	0.078
				12	7	22.02	18.92	0.078
				12	13	22.02	18.92	0.078
				25	0	22.01	18.91	0.078
	836.5	20525		1	0	21.88	18.78	0.076
				1	12	21.88	18.78	0.076
				1	24	21.87	18.77	0.075
				12	0	22.02	18.92	0.078
				12	7	21.86	18.76	0.075
				12	13	22.01	18.91	0.078
				25	0	22.00	18.90	0.078
	846.5	20625		1	0	22.00	18.90	0.078
				1	12	22.02	18.92	0.078
				1	24	22.07	18.97	0.079
				12	0	22.02	18.92	0.078
				12	7	22.02	18.92	0.078
				12	13	22.06	18.96	0.079
				25	0	22.01	18.91	0.078

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	829	20450	10	1	0	23.85	20.75	0.119
				1	25	23.25	20.15	0.104
				1	49	23.22	20.12	0.103
				25	0	22.49	19.39	0.087
				25	12	22.47	19.37	0.086
				25	25	22.47	19.37	0.086
				50	0	22.53	19.43	0.088
	836.5	20525		1	0	23.43	20.33	0.108
				1	25	23.45	20.35	0.108
				1	49	23.43	20.33	0.108
				25	0	22.59	19.49	0.089
				25	12	22.44	19.34	0.086
				25	25	22.44	19.34	0.086
				50	0	22.55	19.45	0.088
	844	20600		1	0	23.23	20.13	0.103
				1	25	23.34	20.24	0.106
				1	49	23.25	20.15	0.104
				25	0	22.32	19.22	0.084
				25	12	22.32	19.22	0.084
				25	25	22.41	19.31	0.085
				50	0	22.29	19.19	0.083
16QAM	829	20450	1	0	23.01	19.91	0.098	
			1	25	22.64	19.54	0.090	
			1	49	22.74	19.64	0.092	
			25	0	22.04	18.94	0.078	
			25	12	21.92	18.82	0.076	
			25	25	21.92	18.82	0.076	
			50	0	21.86	18.76	0.075	
	836.5	20525	1	0	22.43	19.33	0.086	
			1	25	22.71	19.61	0.091	
			1	49	22.66	19.56	0.090	
			25	0	21.57	18.47	0.070	
			25	12	21.51	18.41	0.069	
			25	25	21.51	18.41	0.069	
			50	0	21.93	18.83	0.076	
	844	20600	1	0	22.61	19.51	0.089	
			1	25	22.63	19.53	0.090	
			1	49	22.72	19.62	0.092	
			25	0	21.97	18.87	0.077	
			25	12	21.90	18.80	0.076	
			25	25	21.91	18.81	0.076	
			50	0	21.43	18.33	0.068	

Modulation	Carrier frequen cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	829	20450	10	1	0	22.01	18.91	0.078
				1	25	21.93	18.83	0.076
				1	49	22.01	18.91	0.078
				25	0	22.01	18.91	0.078
				25	12	22.00	18.90	0.078
				25	25	22.01	18.91	0.078
				50	0	22.01	18.91	0.078
	836.5	20525		1	0	21.92	18.82	0.076
				1	25	21.92	18.82	0.076
				1	49	21.93	18.83	0.076
				25	0	21.92	18.82	0.076
				25	12	21.92	18.82	0.076
				25	25	21.92	18.82	0.076
				50	0	21.92	18.82	0.076
	844	20600		1	0	21.53	18.43	0.070
				1	25	21.52	18.42	0.070
				1	49	21.51	18.41	0.069
				25	0	21.49	18.39	0.069
				25	12	21.48	18.38	0.069
				25	25	21.48	18.38	0.069
				50	0	21.43	18.33	0.068