

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 5

1 RF Power Output

RR Power Output							
Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	
QPSK	824.7	20407	1.4	1	0	22.70	
				1	3	22.76	
				1	5	22.73	
				3	0	22.71	
				3	1	22.77	
				3	3	22.68	
	6	0		21.81			
	836.5	20525		1	0	22.80	
				1	3	22.91	
				1	5	22.89	
				3	0	22.92	
				3	1	22.83	
				3	3	22.85	
	6	0		21.90			
	848.3	20643		1	0	23.05	
				1	3	23.08	
				1	5	22.97	
				3	0	22.98	
				3	1	23.04	
				3	3	22.96	
	6	0		22.07			
	16QAM	824.7		20407	1	0	21.97
					1	3	22.18
					1	5	22.00
3			0		21.81		
3			1		21.88		
3			3		21.83		
6		0	20.92				
836.5		20525	1	0	22.05		
			1	3	22.14		
			1	5	22.23		
			3	0	21.90		
			3	1	21.93		
			3	3	21.94		
6		0	20.99				
848.3		20643	1	0	22.30		
			1	3	22.29		
			1	5	22.30		
			3	0	21.85		
			3	1	21.97		
			3	3	21.96		
6		0	21.10				

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	824.7	20407	1.4	1	0	21.09
				1	3	21.33
				1	5	21.26
				3	0	20.96
				3	1	21.05
				3	3	20.99
				6	0	19.86
	836.5	20525		1	0	20.73
				1	3	20.86
				1	5	20.76
				3	0	20.97
				3	1	21.09
				3	3	21.12
				6	0	20.02
	848.3	20643		1	0	20.96
				1	3	20.99
				1	5	20.90
				3	0	21.11
				3	1	21.16
				3	3	21.15
				6	0	19.99

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	825.5	20415	3	1	0	22.91
				1	8	22.86
				1	14	22.90
				8	0	21.95
				8	4	21.98
				8	7	21.93
				15	0	21.91
	836.5	20525		1	0	22.98
				1	8	23.12
				1	14	23.03
				8	0	22.05
				8	4	22.13
				8	7	22.09
				15	0	22.00
	847.5	20635		1	0	23.13
				1	8	23.19
				1	14	23.16
				8	0	22.18
				8	4	22.20
				8	7	22.17
				15	0	22.09
16QAM	825.5	20415	1	0	22.54	
			1	8	22.51	
			1	14	22.55	
			8	0	21.04	
			8	4	21.08	
			8	7	21.05	
			15	0	20.98	
	836.5	20525	1	0	22.19	
			1	8	22.41	
			1	14	22.25	
			8	0	21.01	
			8	4	21.08	
			8	7	21.05	
			15	0	21.04	
	847.5	20635	1	0	22.43	
			1	8	22.43	
			1	14	22.38	
			8	0	21.20	
			8	4	21.14	
			8	7	21.15	
			15	0	21.22	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	825.5	20415	3	1	0	21.26
				1	8	21.18
				1	14	21.24
				8	0	20.19
				8	4	20.14
				8	7	20.17
				15	0	19.97
	836.5	20525		1	0	20.82
				1	8	20.95
				1	14	20.91
				8	0	19.97
				8	4	20.10
				8	7	20.07
				15	0	20.13
	847.5	20635		1	0	21.10
				1	8	21.04
				1	14	20.98
				8	0	20.13
				8	4	20.19
				8	7	20.17
				15	0	20.28

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	
QPSK	826.5	20425	5	1	0	22.70	
				1	12	22.51	
				1	24	22.72	
				12	0	21.78	
				12	7	21.80	
				12	13	21.78	
				25	0	21.79	
	836.5	20525		1	0	22.79	
				1	12	22.82	
				1	24	23.00	
				12	0	21.88	
				12	7	21.96	
				12	13	22.01	
				25	0	21.90	
	846.5	20625		1	0	22.89	
				1	12	22.99	
				1	24	22.96	
				12	0	21.99	
				12	7	22.04	
				12	13	22.11	
				25	0	21.99	
	16QAM	826.5		20425	1	0	22.00
					1	12	21.82
					1	24	21.97
12					0	20.79	
12					7	20.79	
12					13	20.81	
25					0	20.79	
836.5		20525		1	0	22.30	
				1	12	22.20	
			1	24	22.43		
			12	0	20.82		
			12	7	20.88		
			12	13	20.94		
			25	0	20.85		
846.5		20625	1	0	22.33		
			1	12	22.35		
			1	24	22.38		
			12	0	20.99		
			12	7	20.98		
			12	13	21.07		
			25	0	21.05		

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	826.5	20425	5	1	0	20.74
				1	12	20.63
				1	24	20.80
				12	0	19.78
				12	7	19.72
				12	13	19.77
				25	0	19.75
	836.5	20525		1	0	21.19
				1	12	21.20
				1	24	21.28
				12	0	19.98
				12	7	19.97
				12	13	20.14
				25	0	19.98
	846.5	20625		1	0	21.27
				1	12	21.22
				1	24	21.34
				12	0	20.11
				12	7	20.13
				12	13	20.20
				25	0	20.07

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	829	20450	10	1	0	22.62
				1	25	22.67
				1	49	22.64
				25	0	21.79
				25	12	21.86
				25	25	21.85
				50	0	21.90
	836.5	20525		1	0	22.82
				1	25	22.82
				1	49	22.98
				25	0	21.95
				25	12	22.02
				25	25	21.99
				50	0	22.01
	844	20600		1	0	23.07
				1	25	22.95
				1	49	22.99
				25	0	21.98
				25	12	22.06
				25	25	22.15
				50	0	22.02
16QAM	829	20450		1	0	22.55
				1	25	22.37
				1	49	22.79
				25	0	20.71
				25	12	20.91
				25	25	20.91
				50	0	20.89
	836.5	20525	1	0	22.48	
			1	25	22.95	
			1	49	22.99	
			25	0	20.98	
			25	12	20.98	
			25	25	21.05	
			50	0	20.84	
	844	20600	1	0	22.16	
			1	25	22.26	
			1	49	22.45	
			25	0	21.12	
			25	12	21.04	
			25	25	21.13	
			50	0	21.01	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	829	20450	10	1	0	21.15
				1	25	21.00
				1	49	21.36
				25	0	19.83
				25	12	19.98
				25	25	19.92
				50	0	19.97
	836.5	20525		1	0	21.20
				1	25	21.42
				1	49	21.53
				25	0	19.98
				25	12	19.96
				25	25	20.06
				50	0	19.95
	844	20600		1	0	21.10
				1	25	20.91
				1	49	21.15
				25	0	20.07
				25	12	20.24
				25	25	20.21
				50	0	20.08

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	1.082	Fig.2	1.076	Fig.3
	836.5	20525		6	0	1.082	Fig.4	1.082	Fig.5	1.082	Fig.6
	848.3	20643		6	0	1.082	Fig.7	1.082	Fig.8	1.076	Fig.9
	825.5	20415	3	15	0	2.683	Fig.10	2.683	Fig.11	2.696	Fig.12
	836.5	20525		15	0	2.683	Fig.13	2.683	Fig.14	2.683	Fig.15
	847.5	20635		15	0	2.683	Fig.16	2.683	Fig.17	2.683	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	4.472	Fig.27
	829	20450	10	50	0	8.944	Fig.28	8.944	Fig.29	8.944	Fig.30
	836.5	20525		50	0	8.987	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

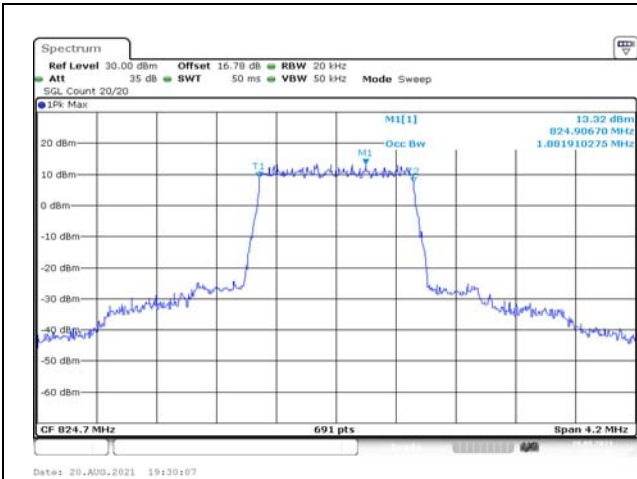


Fig.1

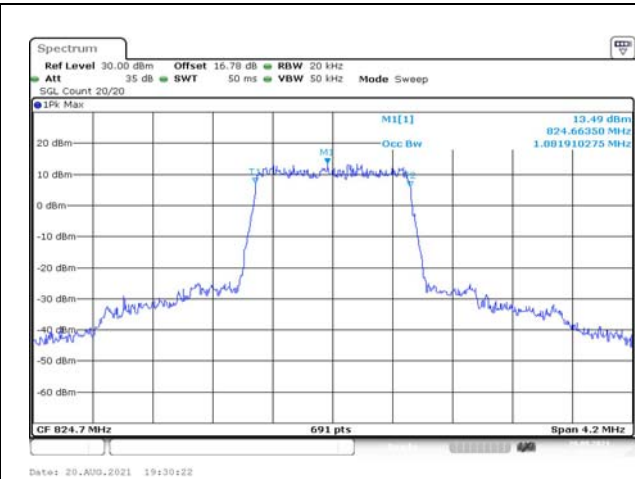


Fig.2

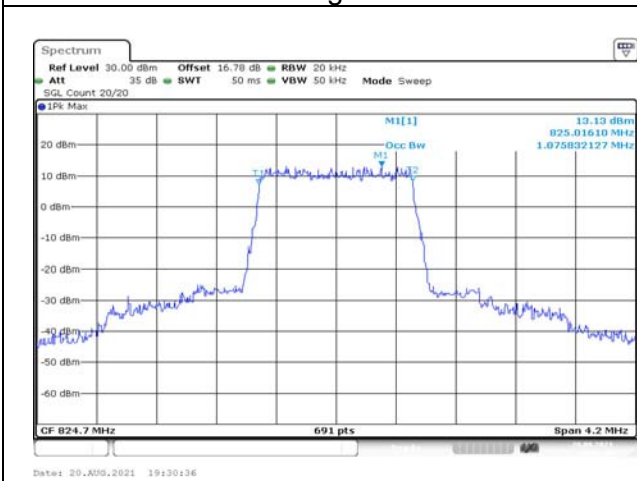


Fig.3

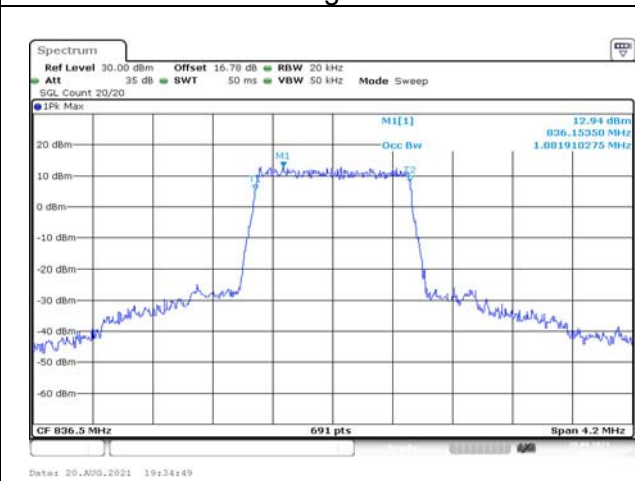


Fig.4

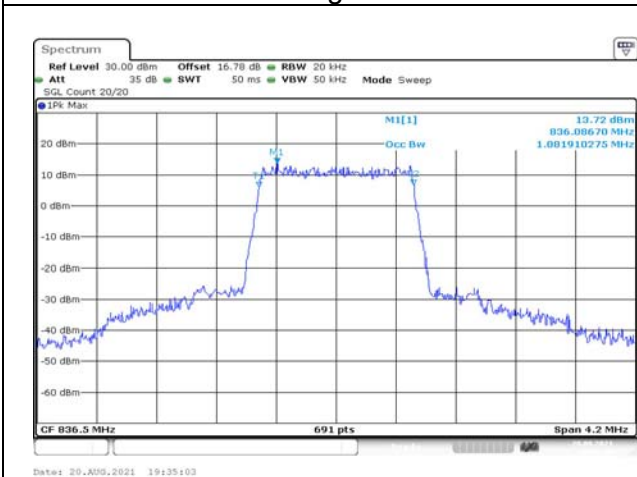


Fig.5

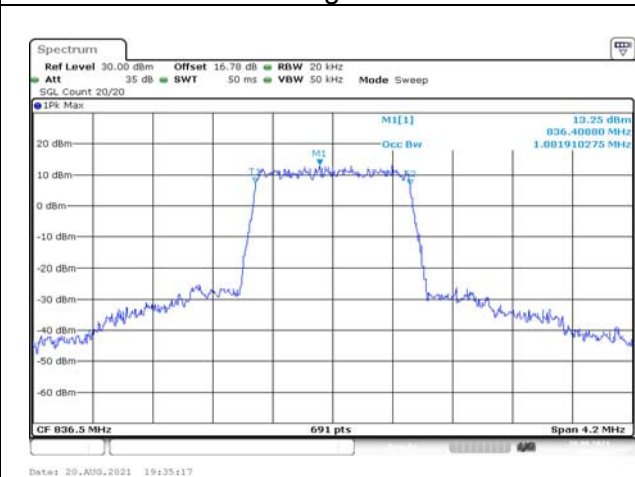


Fig.6

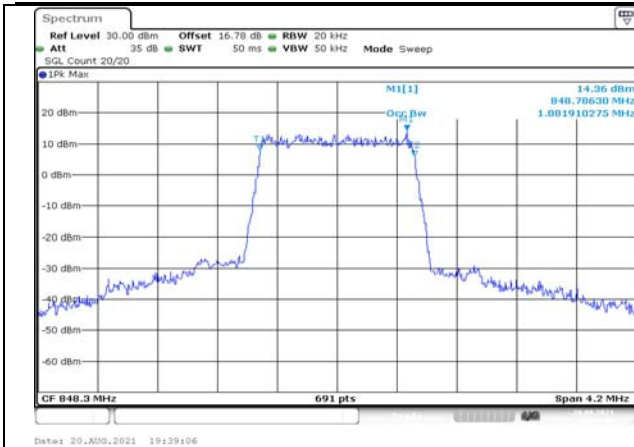


Fig.7



Fig.8

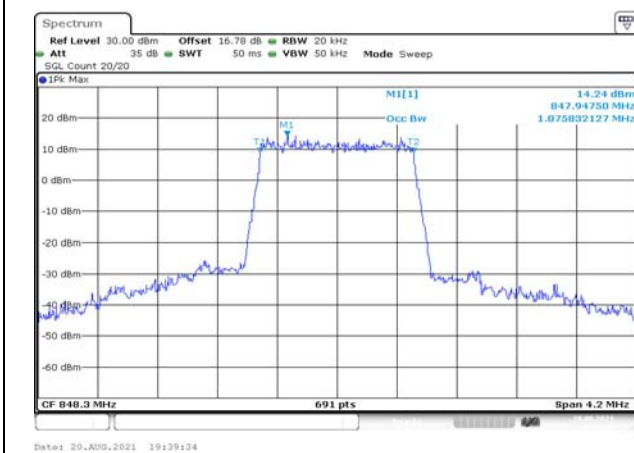


Fig.9

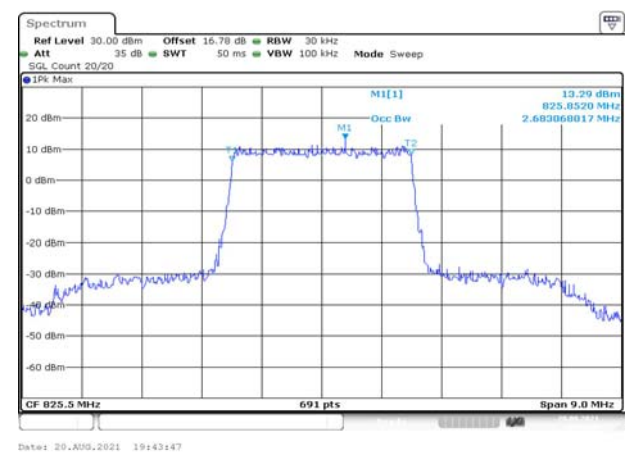


Fig.10

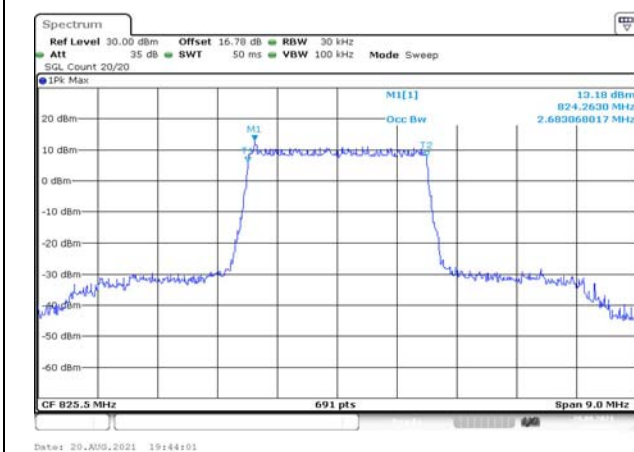


Fig.11

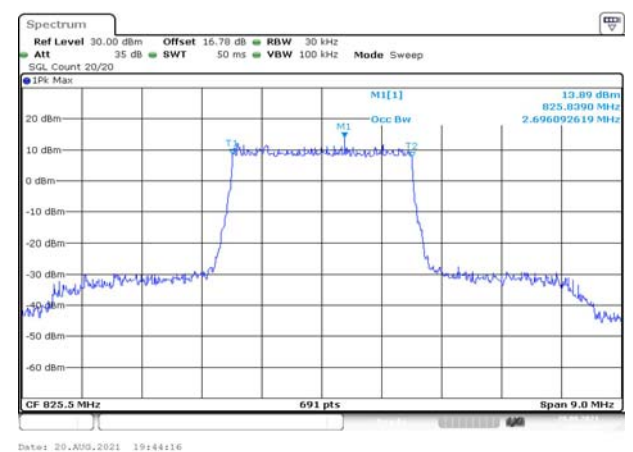
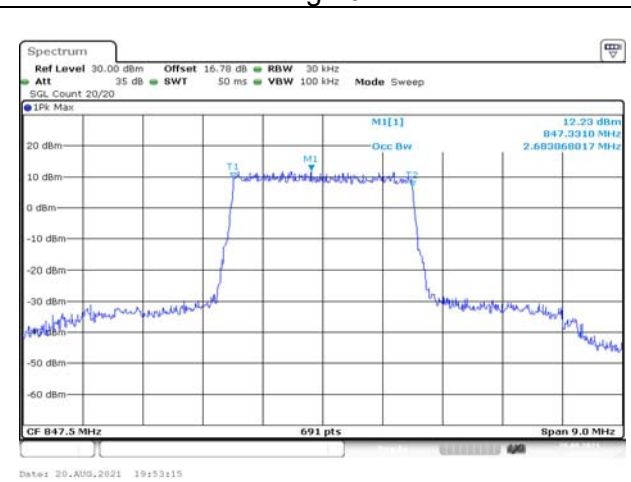
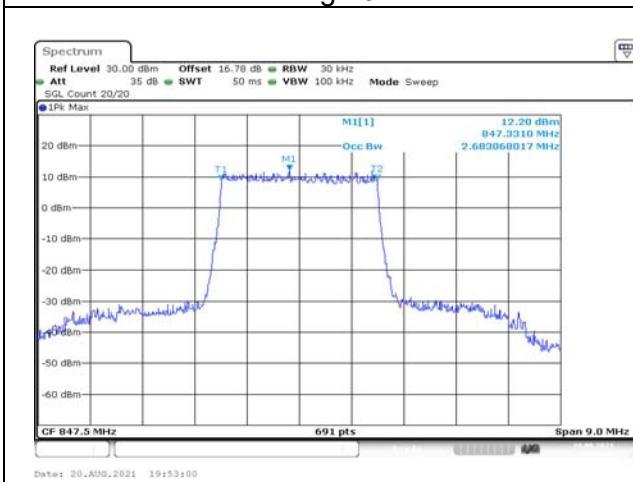
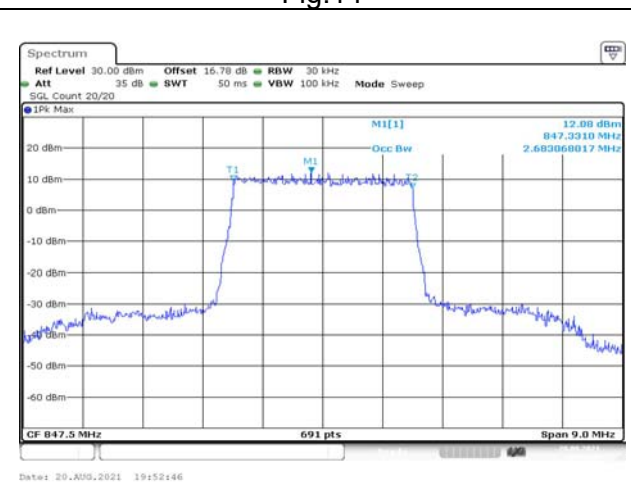
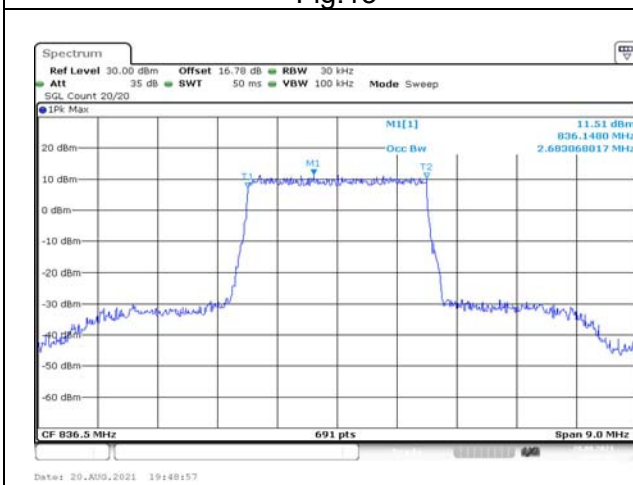
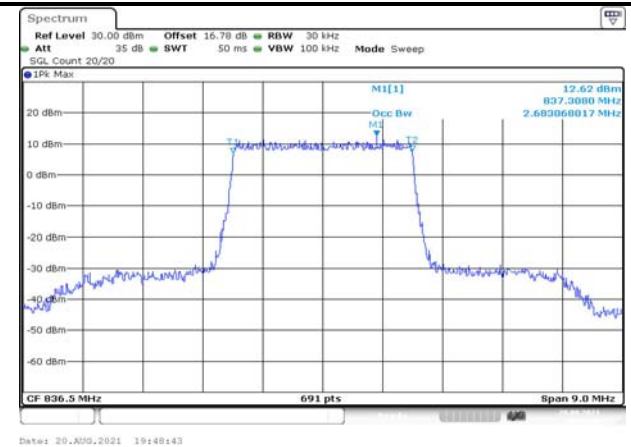
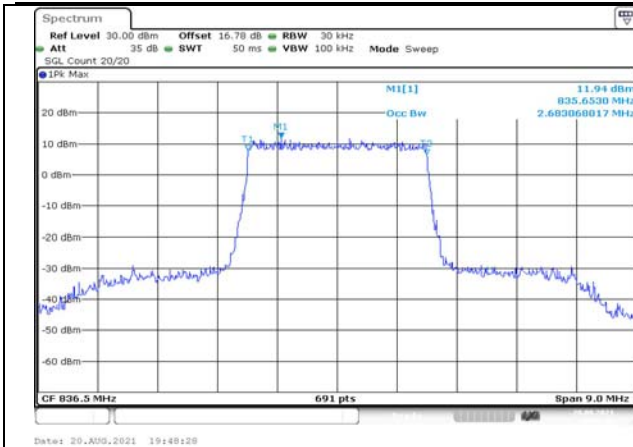
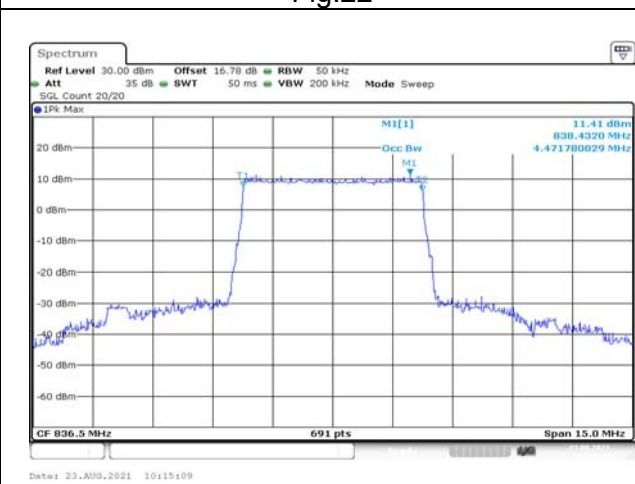
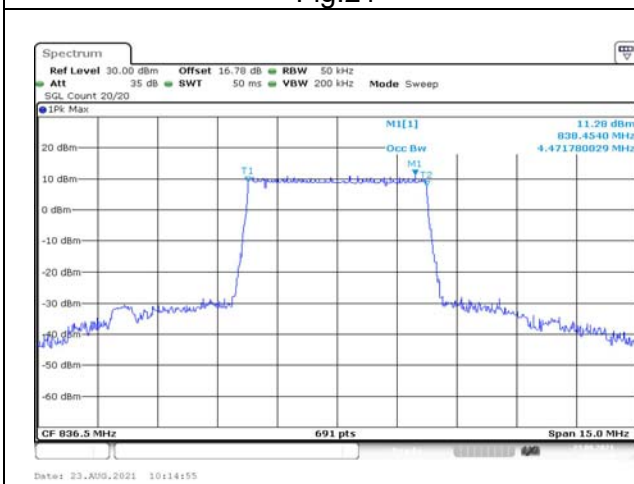
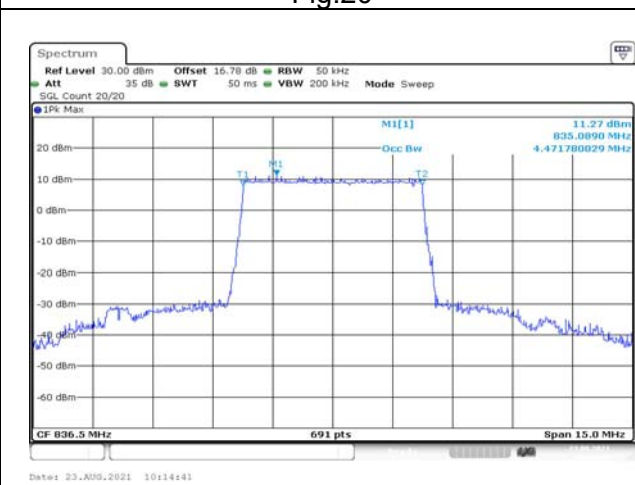
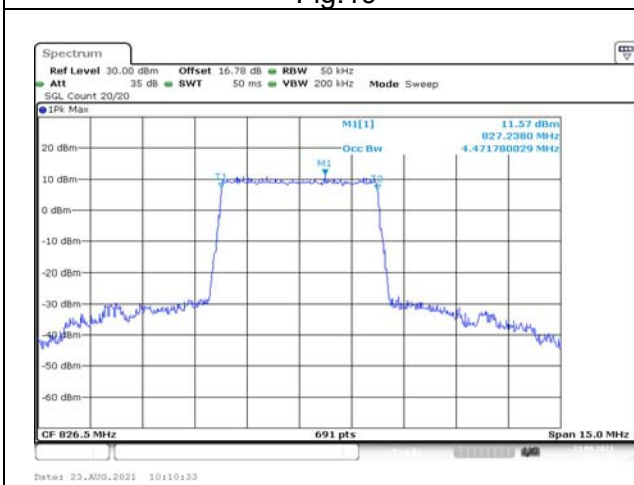
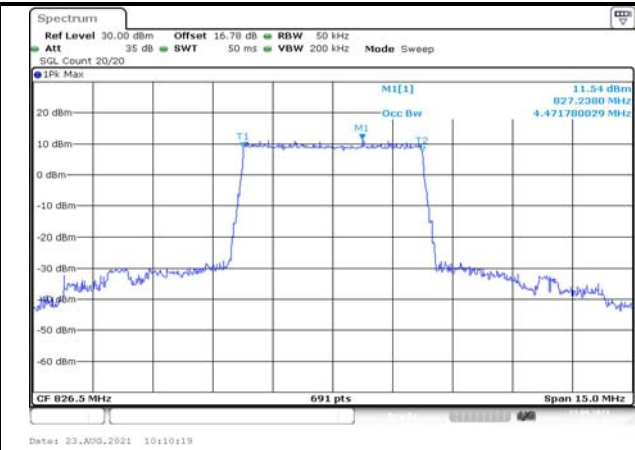
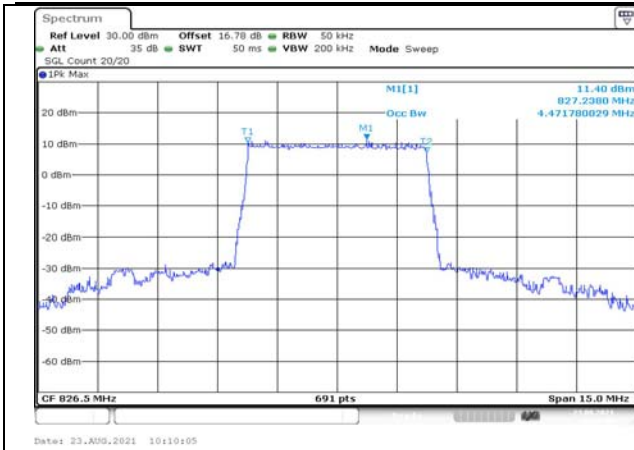
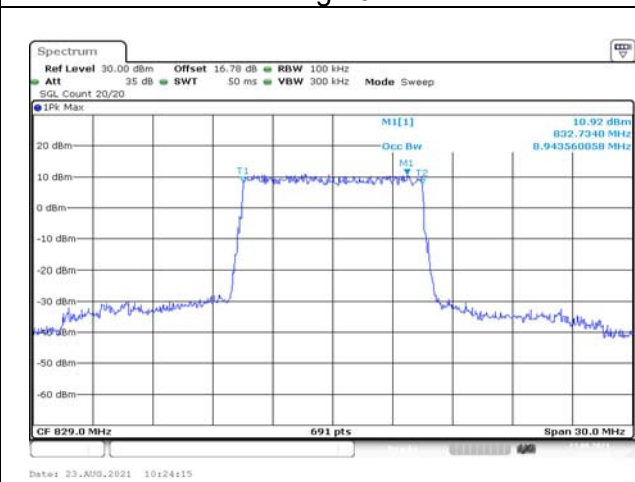
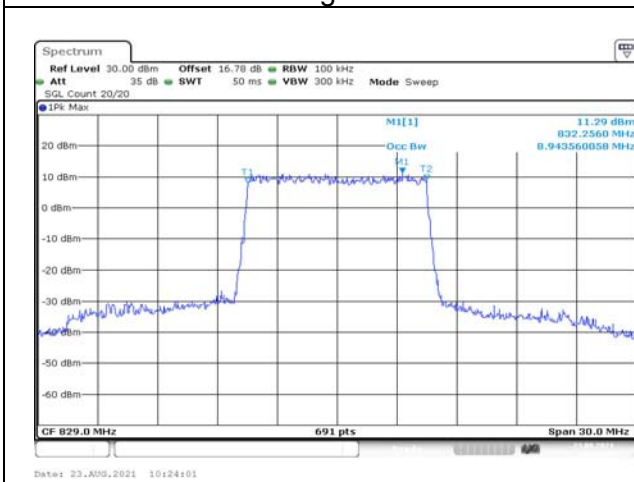
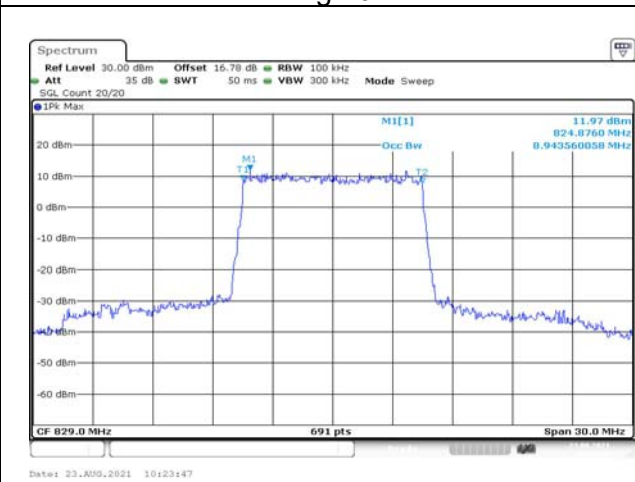
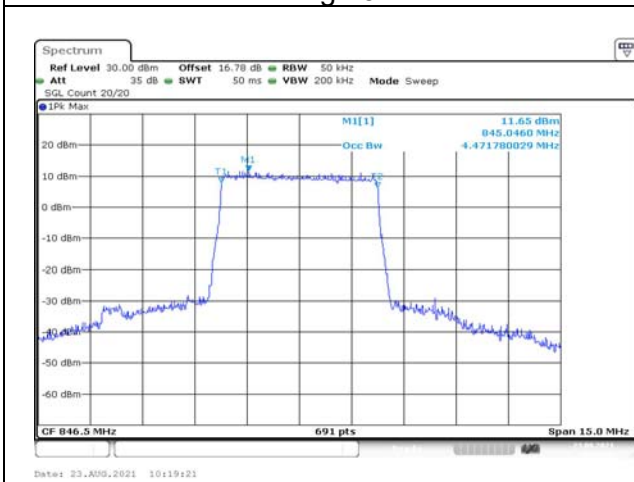
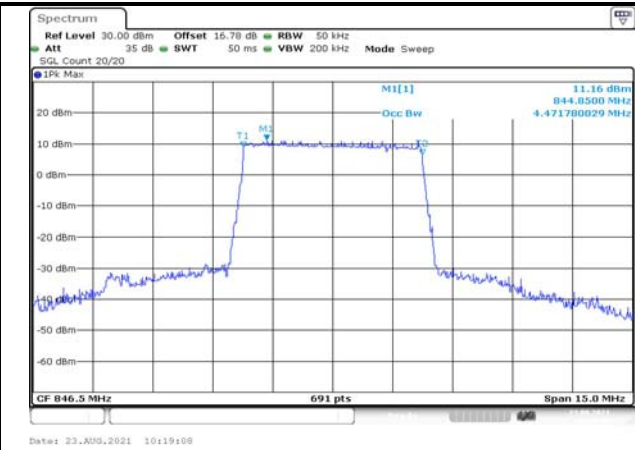


Fig.12







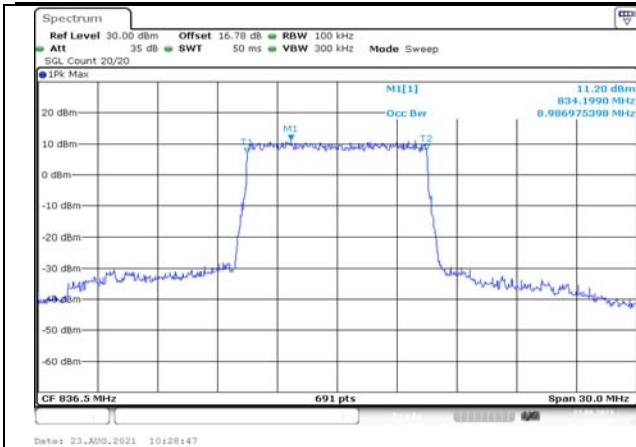


Fig.31

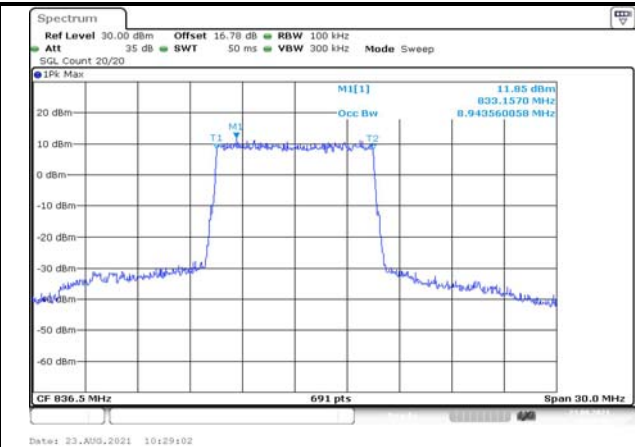


Fig.32

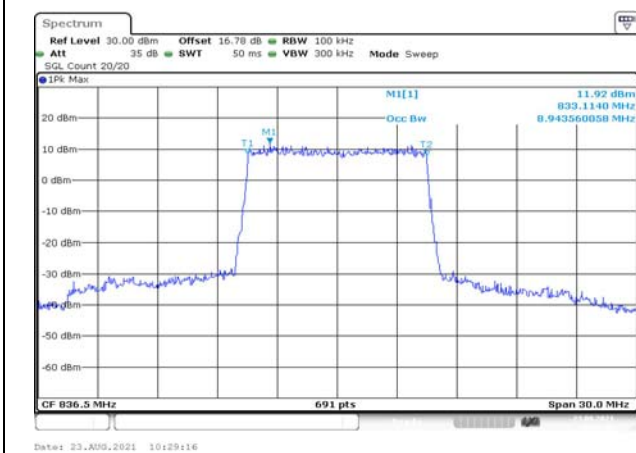


Fig.33

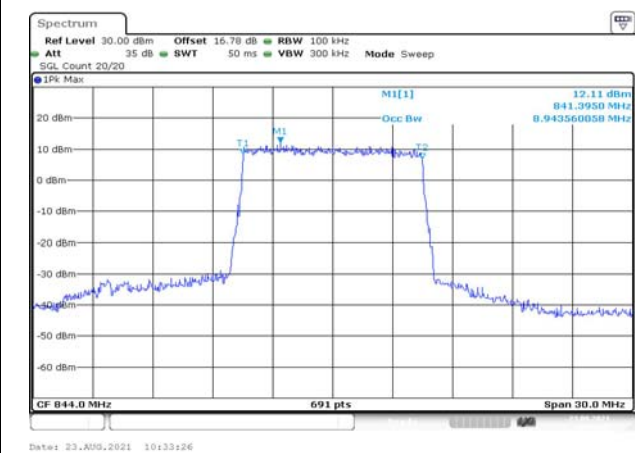


Fig.34

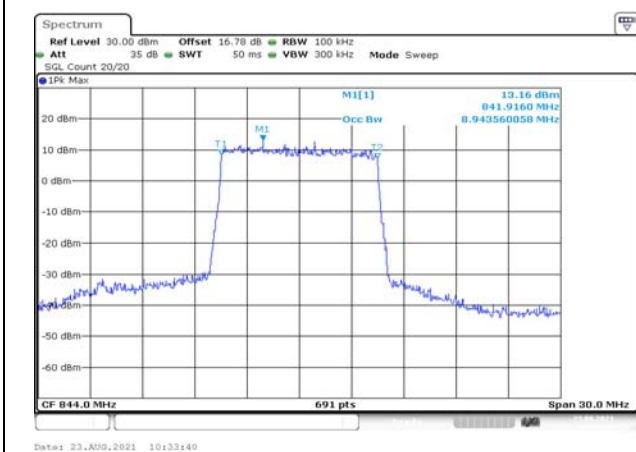


Fig.35

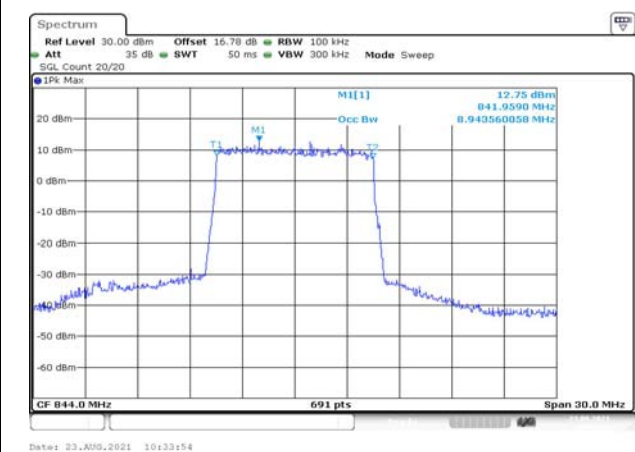


Fig.36

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	1.216	Fig.1	1.216	Fig.2	1.210	Fig.3
	836.5	20525		6	0	1.216	Fig.4	1.222	Fig.5	1.204	Fig.6
	848.3	20643		6	0	1.210	Fig.7	1.210	Fig.8	1.222	Fig.9
	825.5	20415	3	15	0	2.904	Fig.10	2.891	Fig.11	2.944	Fig.12
	836.5	20525		15	0	2.918	Fig.13	2.904	Fig.14	2.904	Fig.15
	847.5	20635		15	0	2.918	Fig.16	2.918	Fig.17	2.944	Fig.18
	826.5	20425	5	25	0	4.863	Fig.19	4.863	Fig.20	4.863	Fig.21
	836.5	20525		25	0	4.906	Fig.22	4.863	Fig.23	4.841	Fig.24
	846.5	20625		25	0	4.841	Fig.25	4.884	Fig.26	4.841	Fig.27
	829	20450	10	50	0	9.725	Fig.28	9.551	Fig.29	9.682	Fig.30
	836.5	20525		50	0	9.595	Fig.31	9.595	Fig.32	9.682	Fig.33
	844	20600		50	0	9.595	Fig.34	9.551	Fig.35	9.638	Fig.36

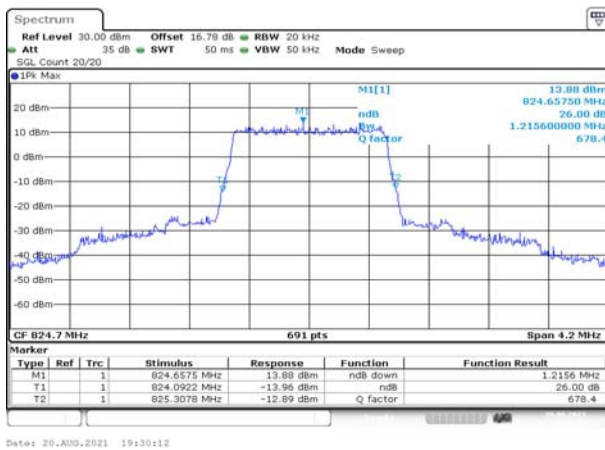


Fig.1

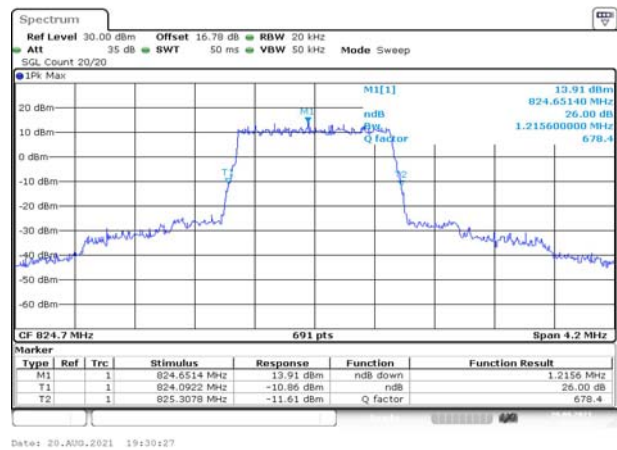


Fig.2

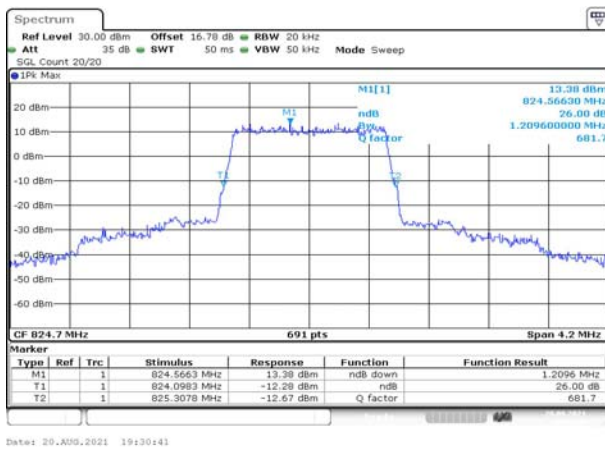


Fig.3

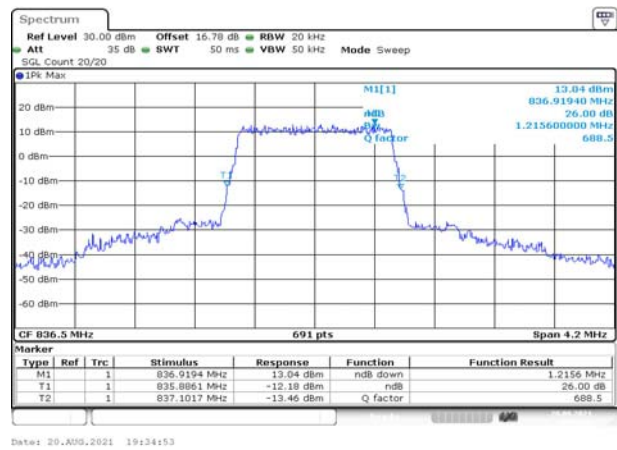


Fig.4

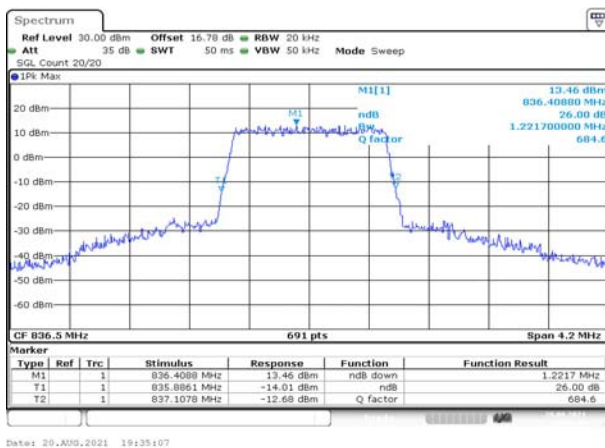


Fig.5

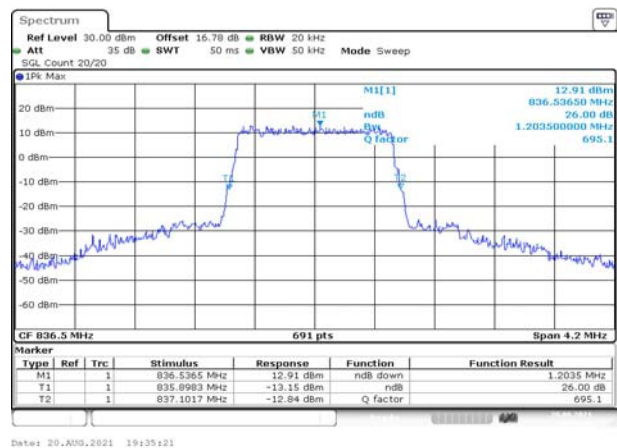


Fig.6

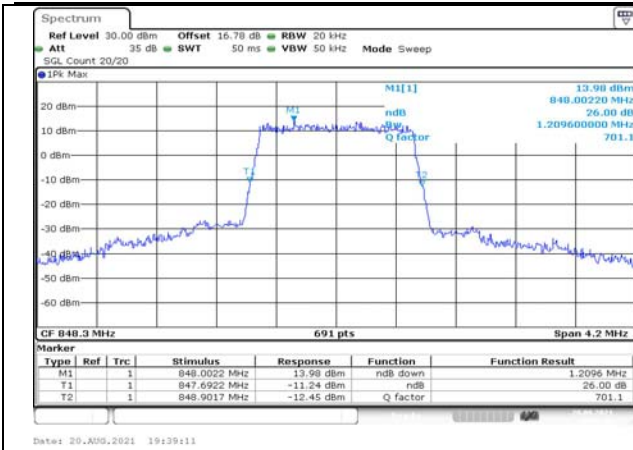


Fig.7

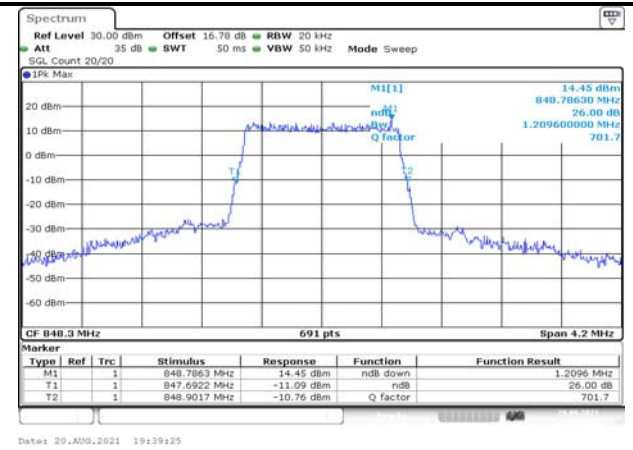


Fig.8

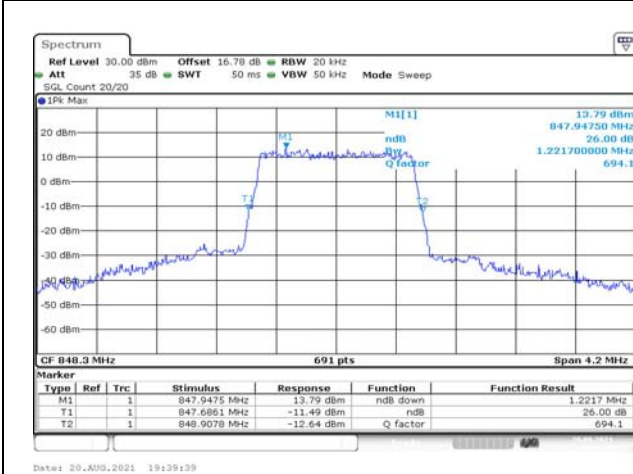


Fig.9

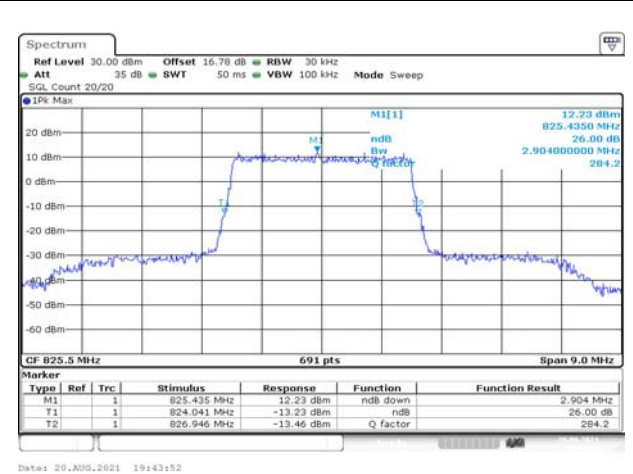


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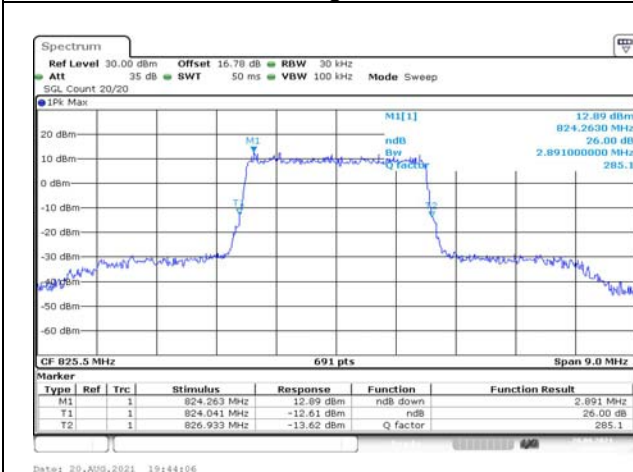


Fig.11

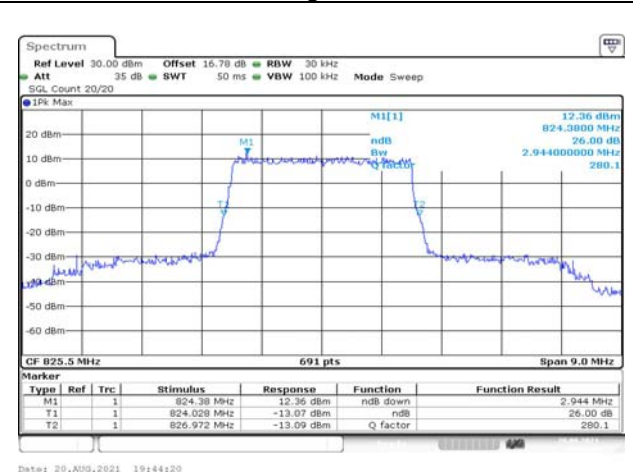


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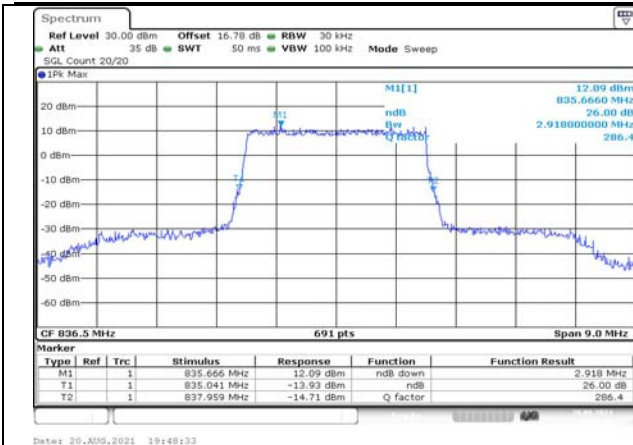


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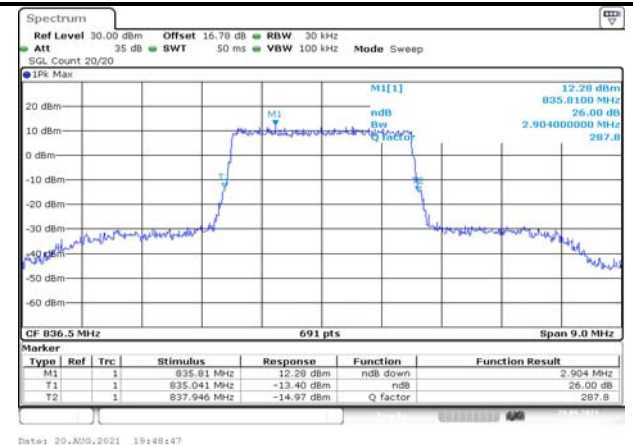


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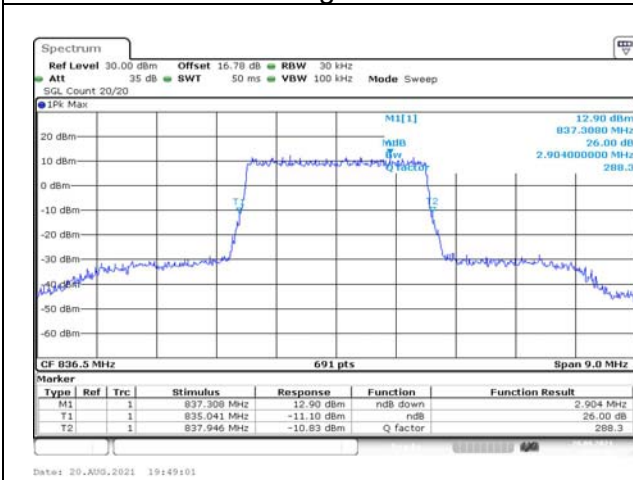


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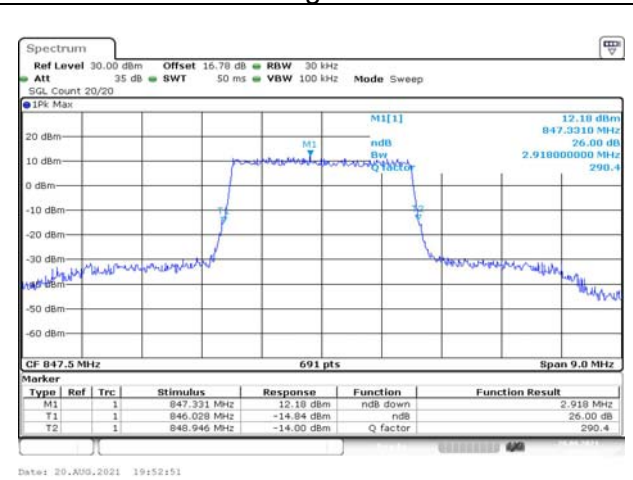


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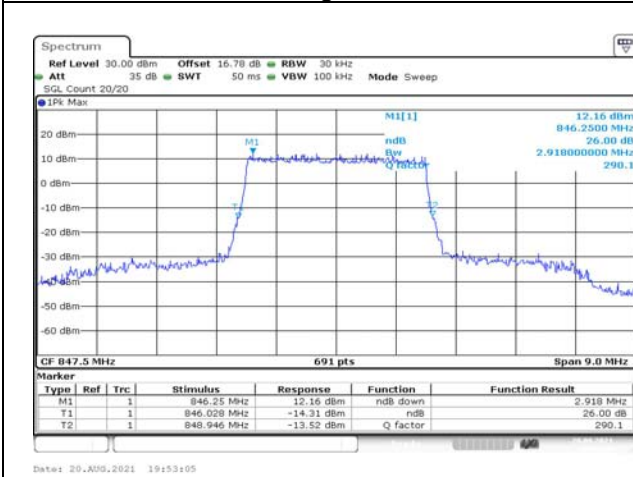


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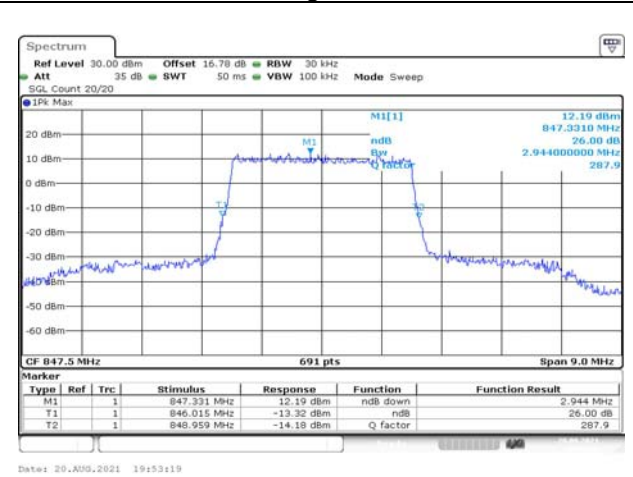


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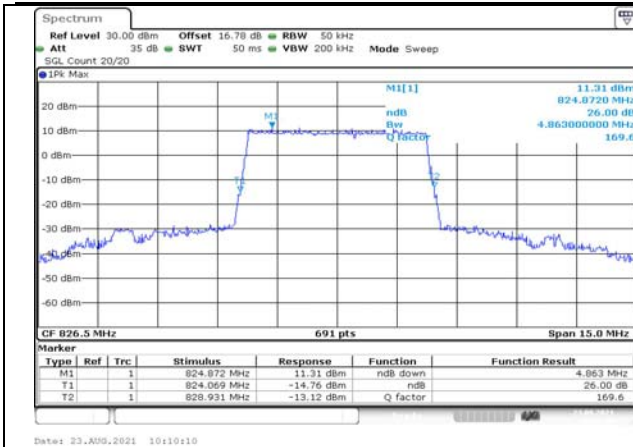


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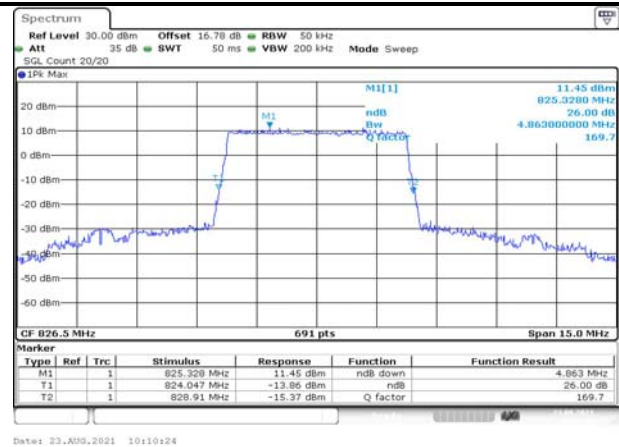


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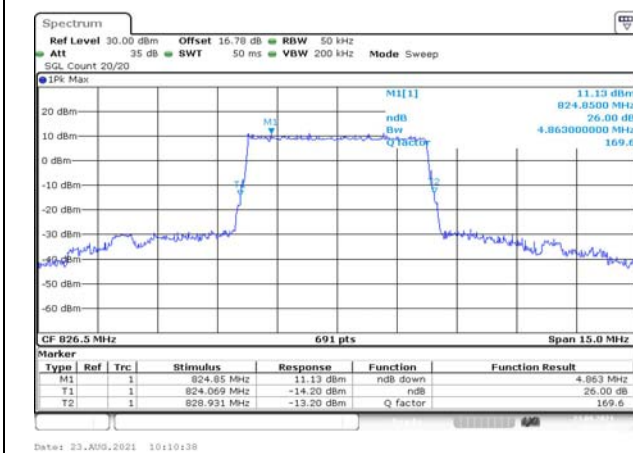


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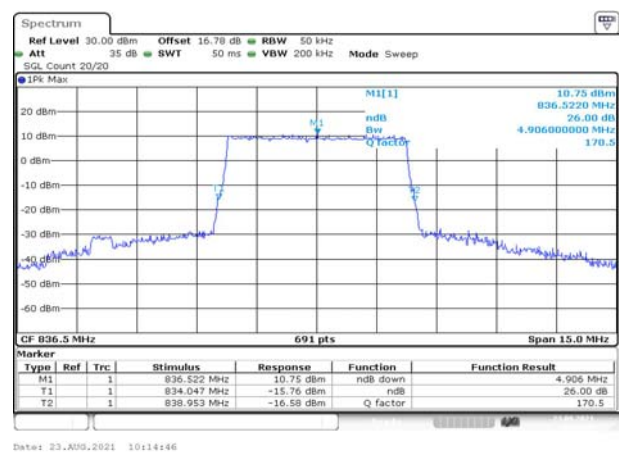


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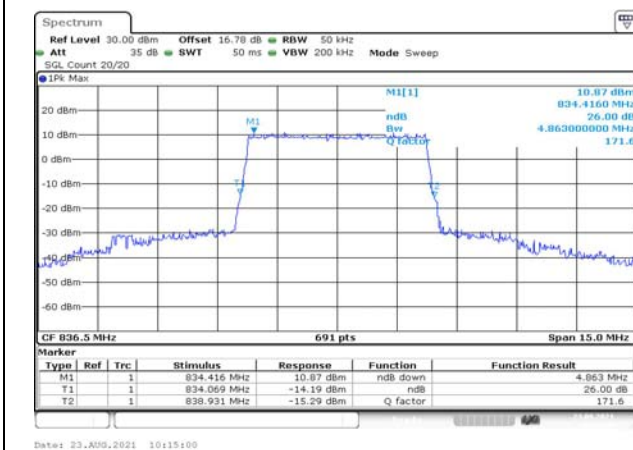


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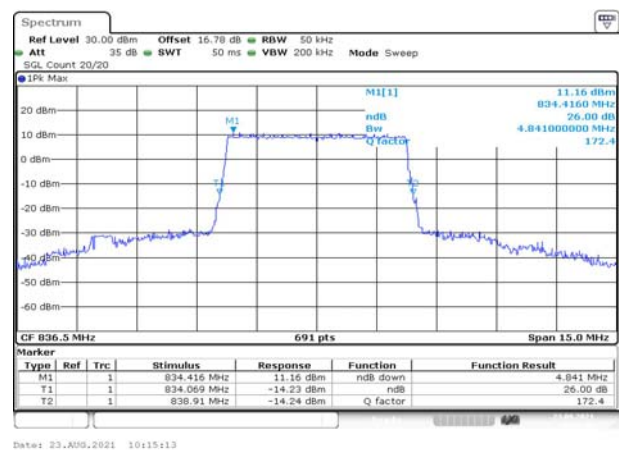


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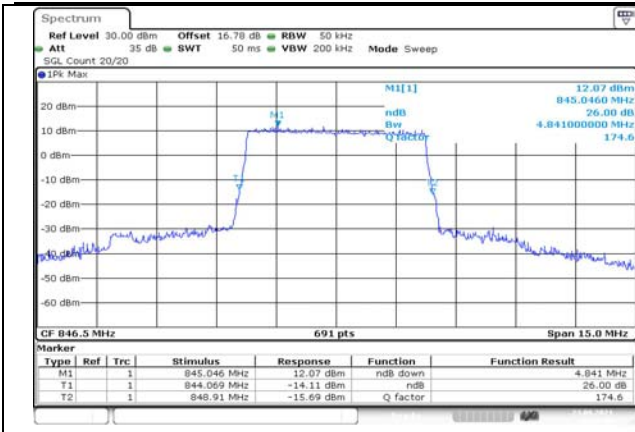


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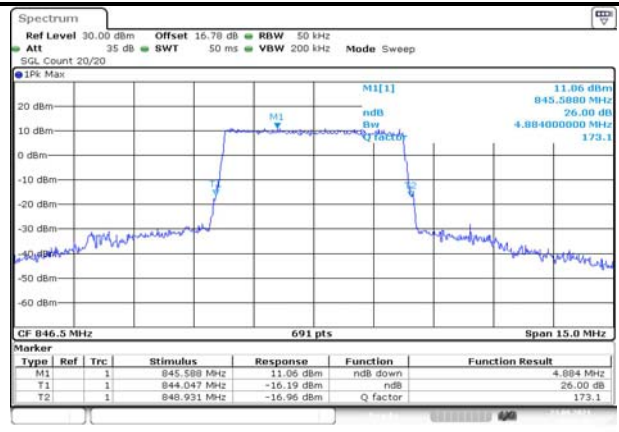


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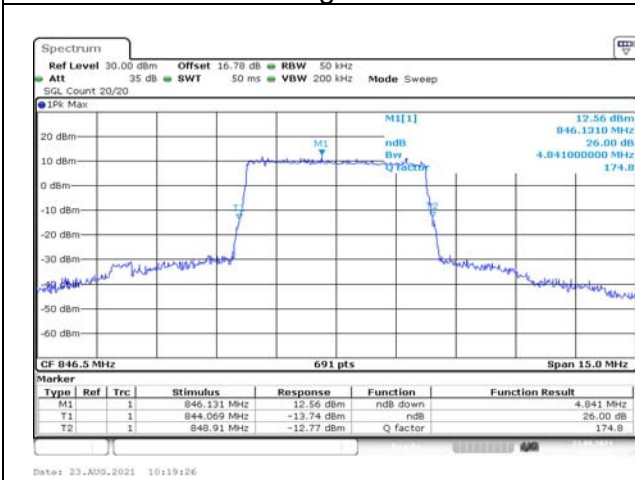


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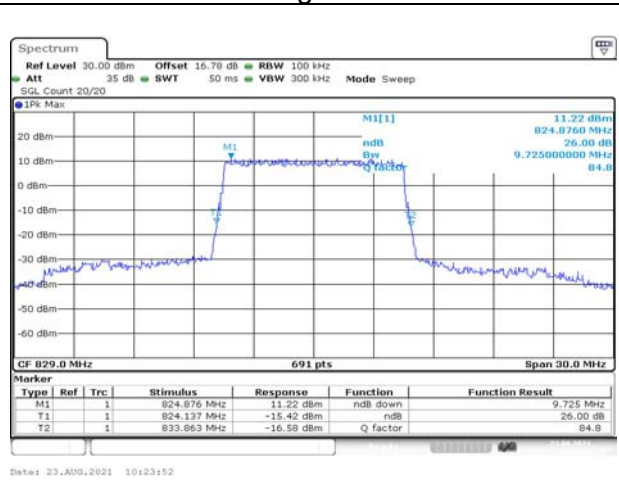


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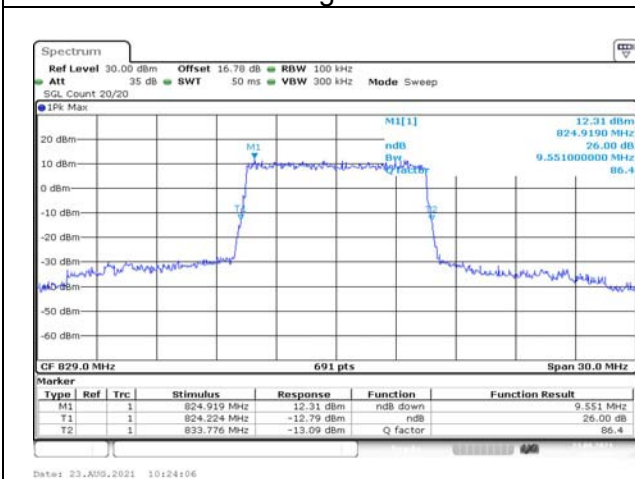


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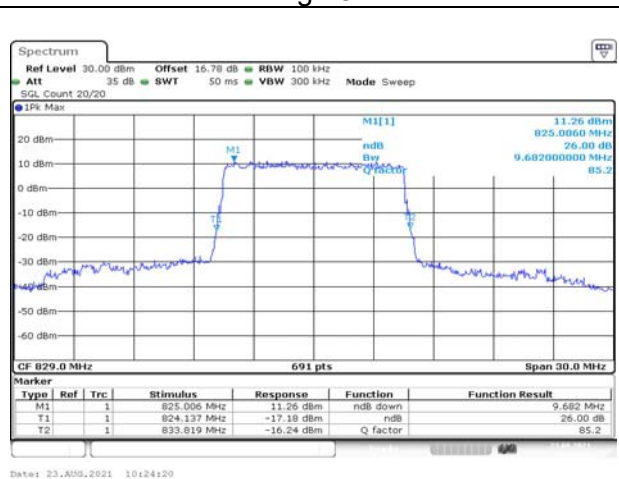


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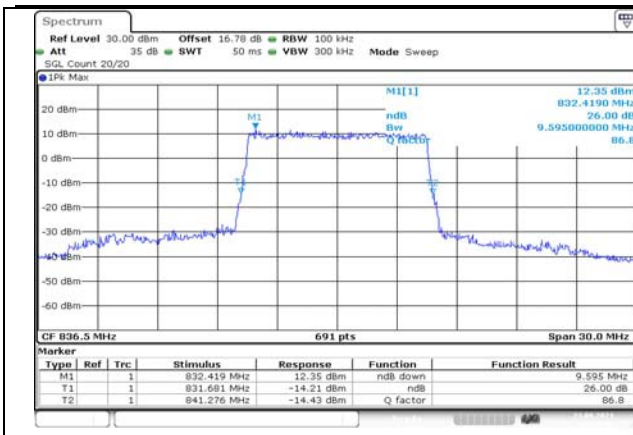


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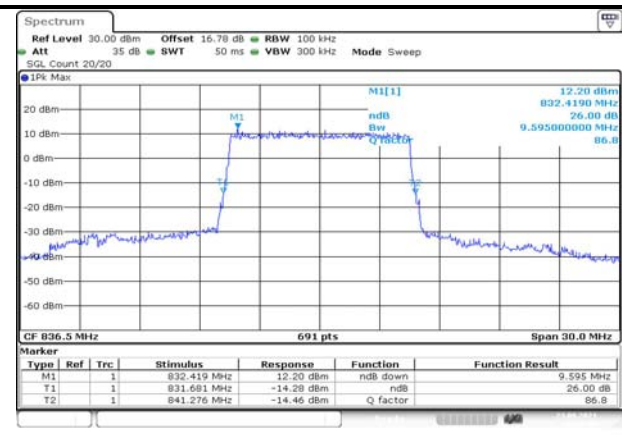


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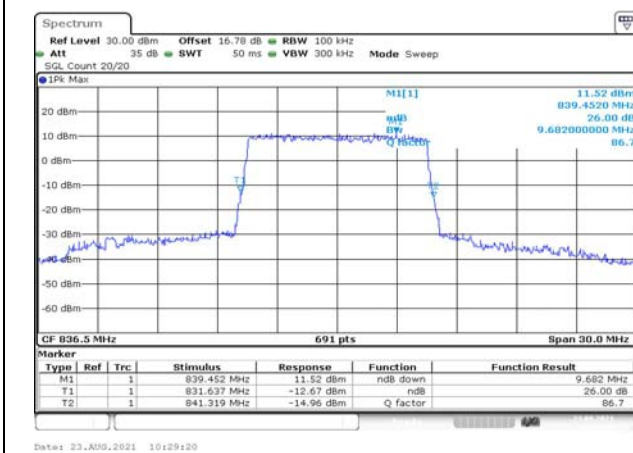


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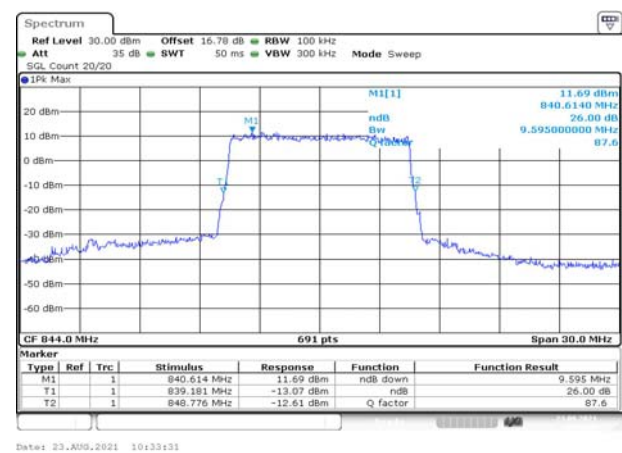


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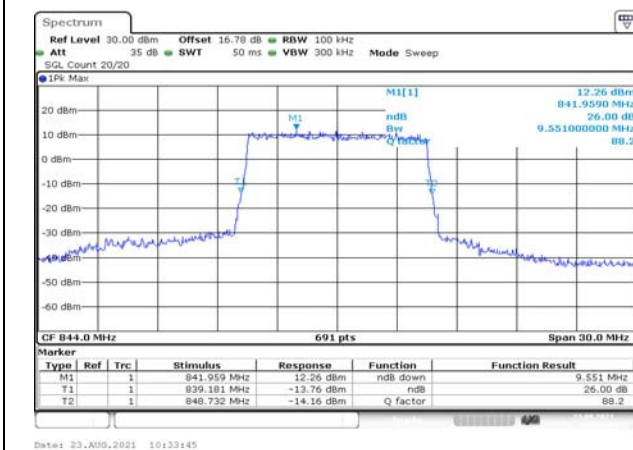


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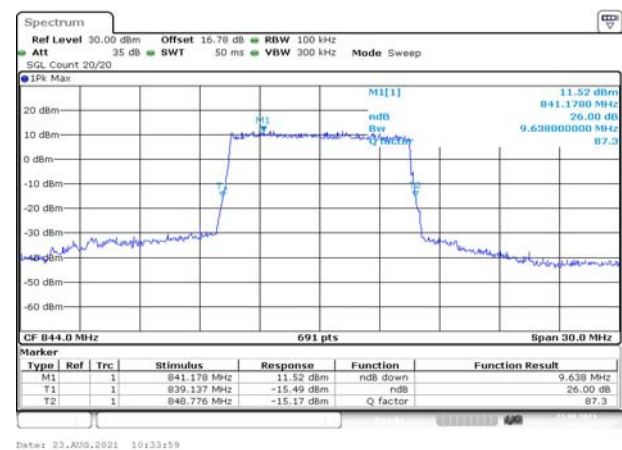


Fig.36

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

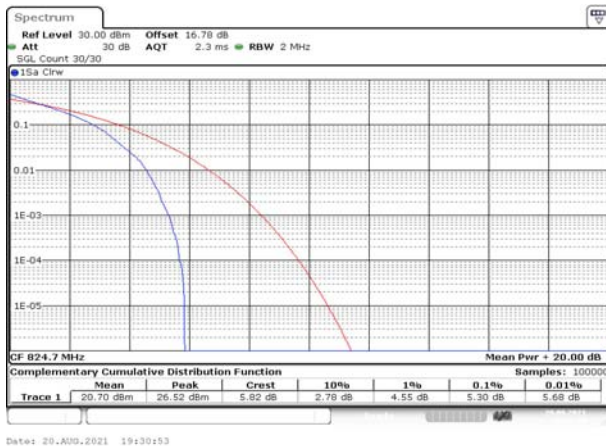


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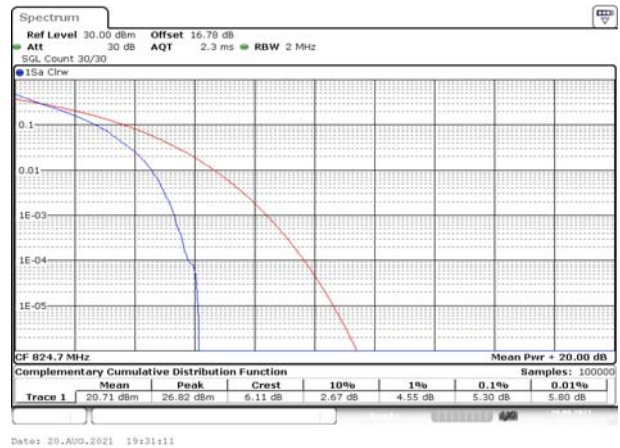


Fig.2

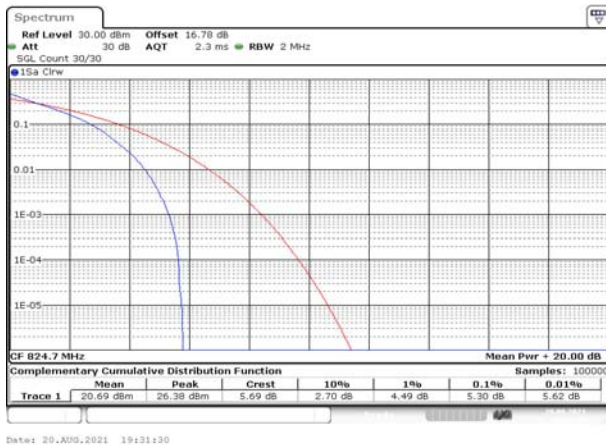


Fig.3

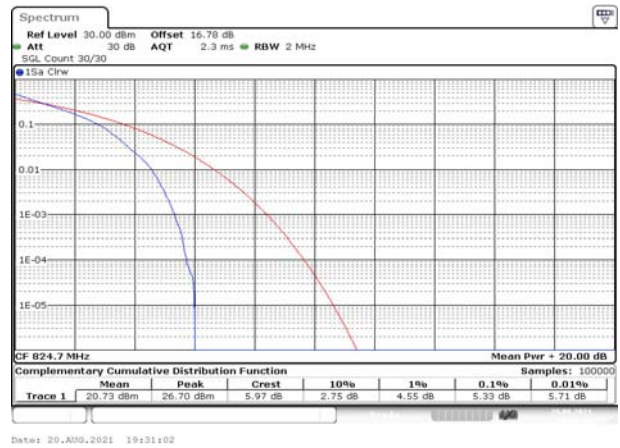


Fig.4

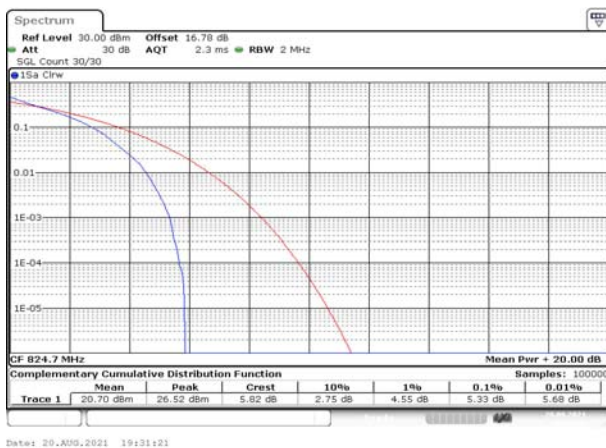


Fig.5

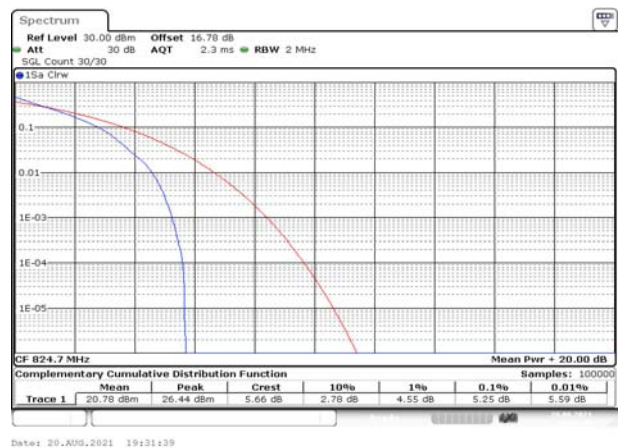


Fig.6

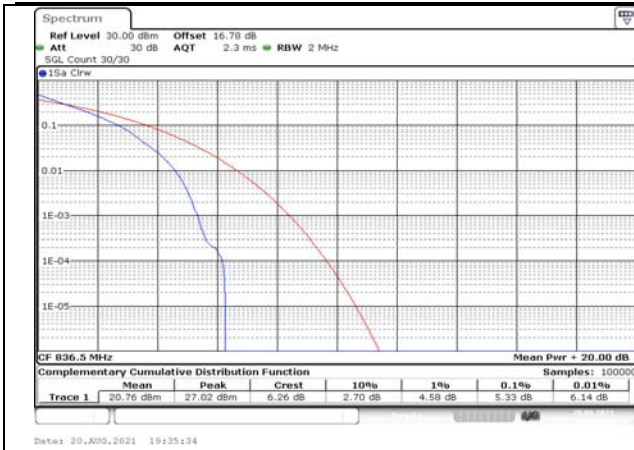


Fig.7

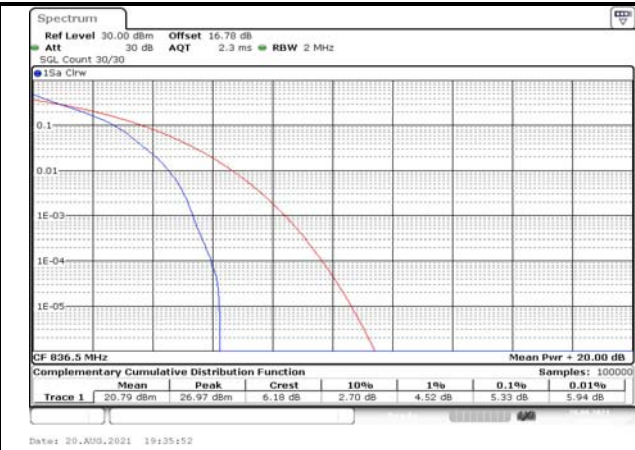


Fig.8

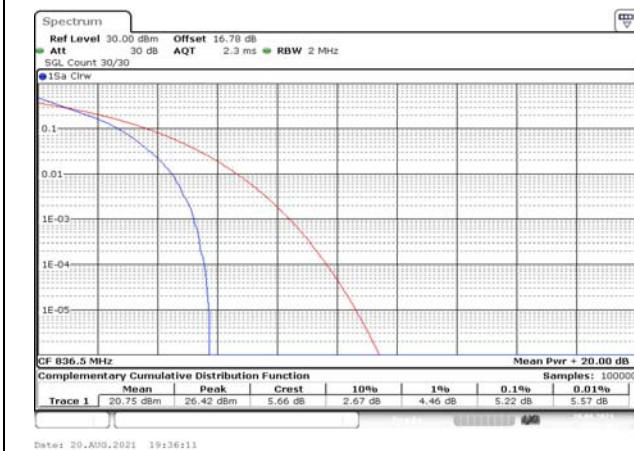


Fig.9

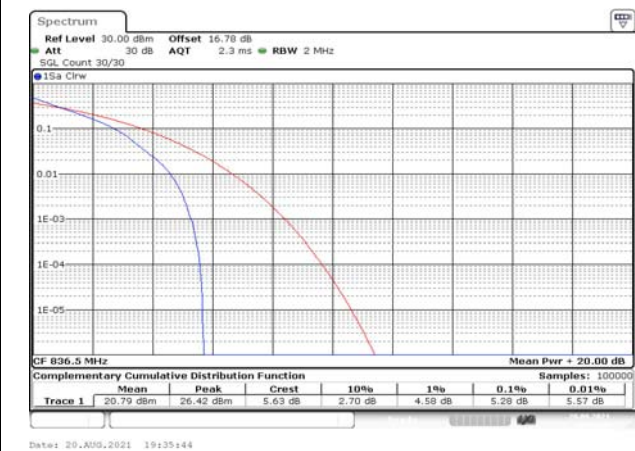


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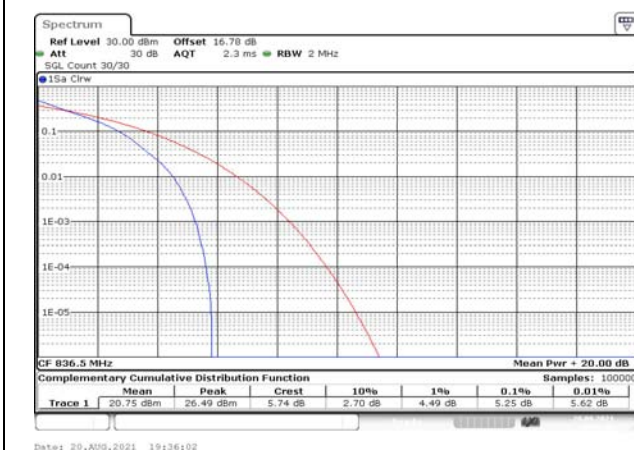


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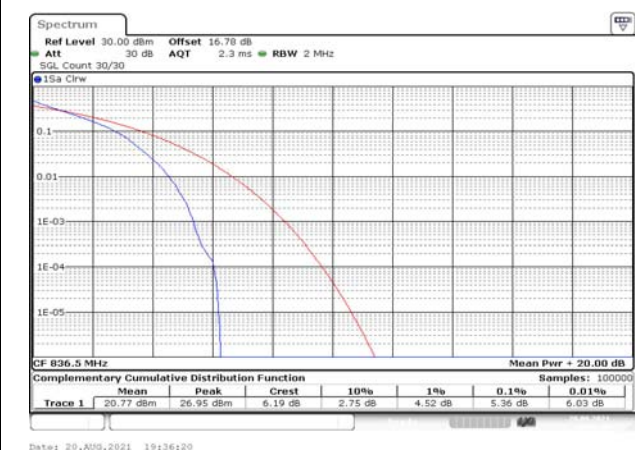


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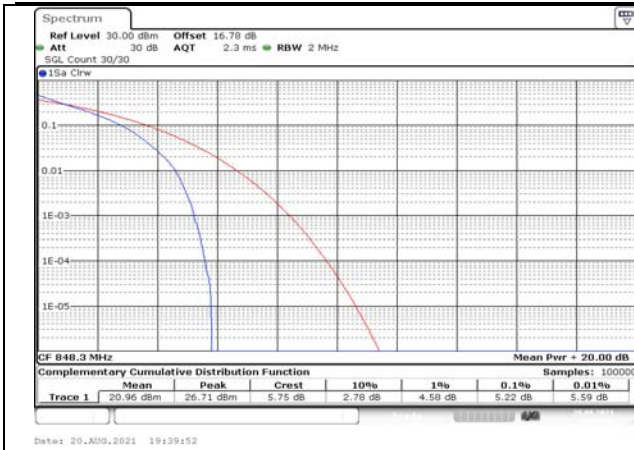


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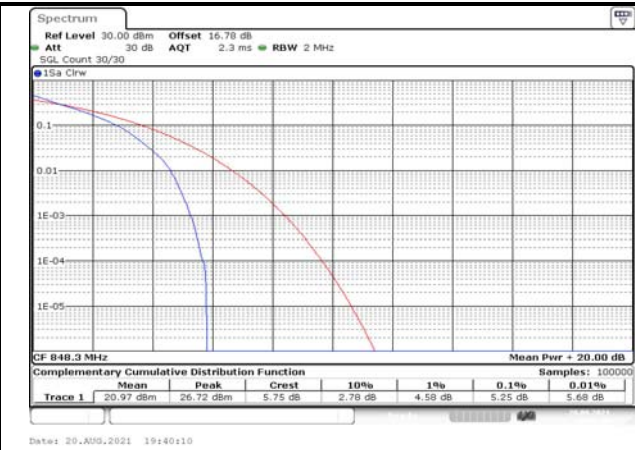


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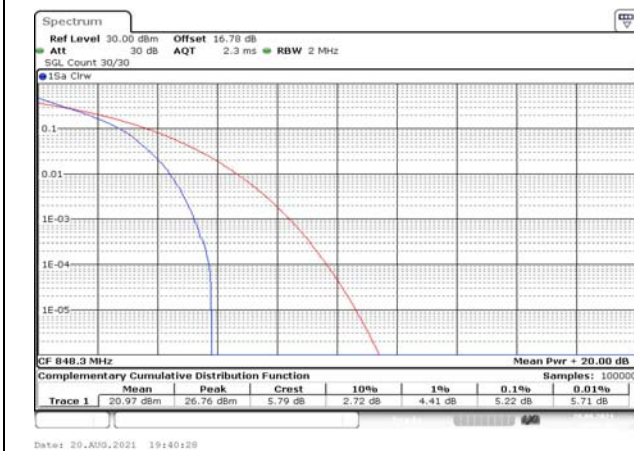


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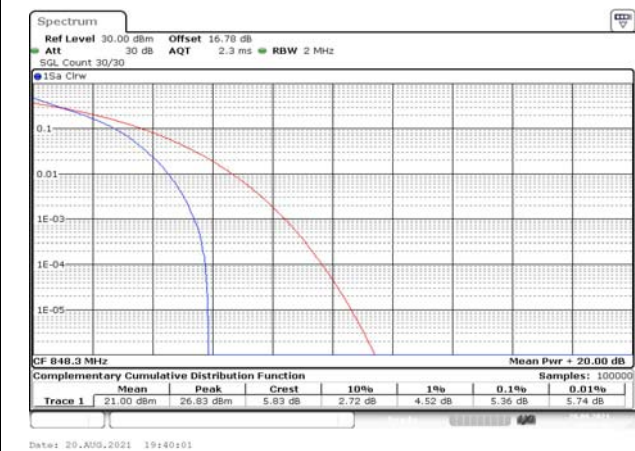


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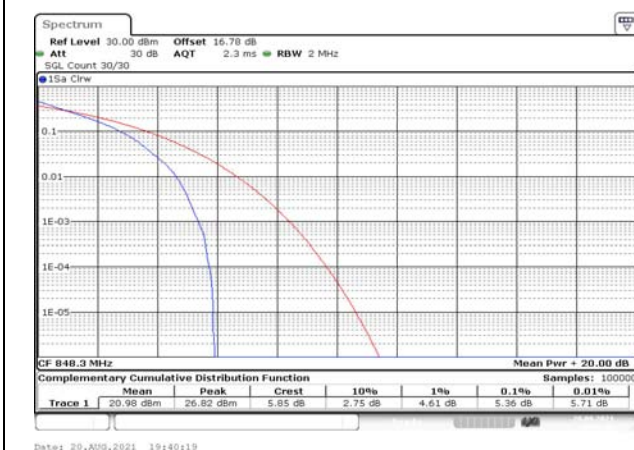


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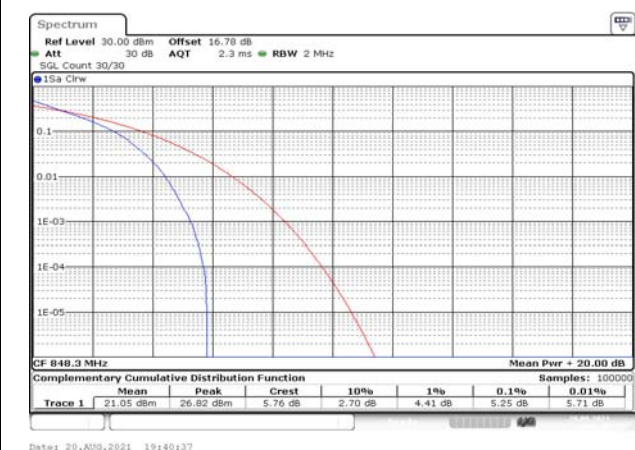


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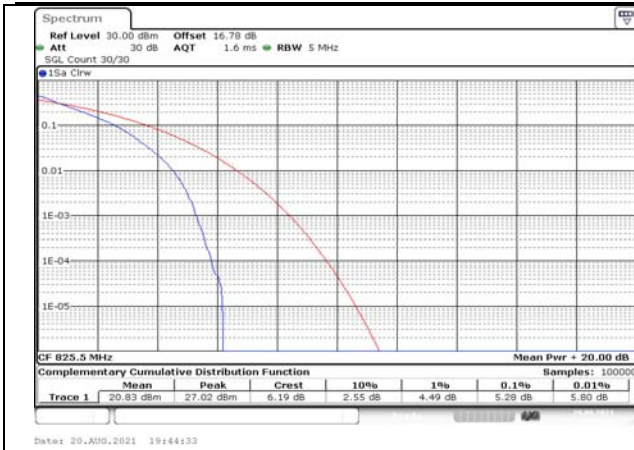


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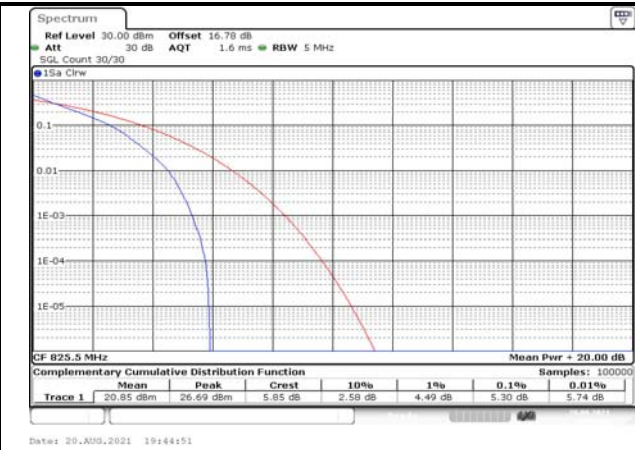


Fig.20

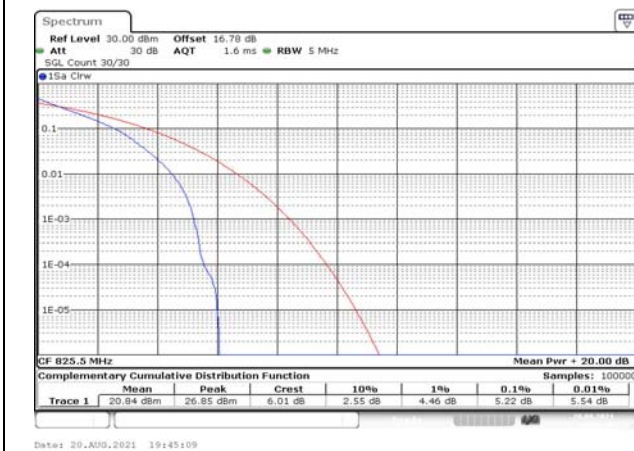


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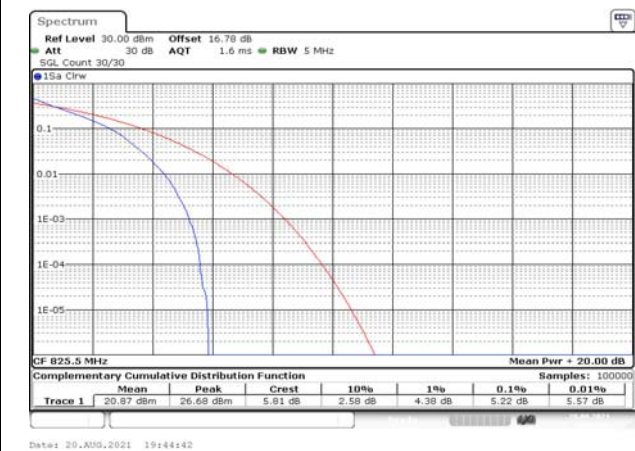


Fig.22

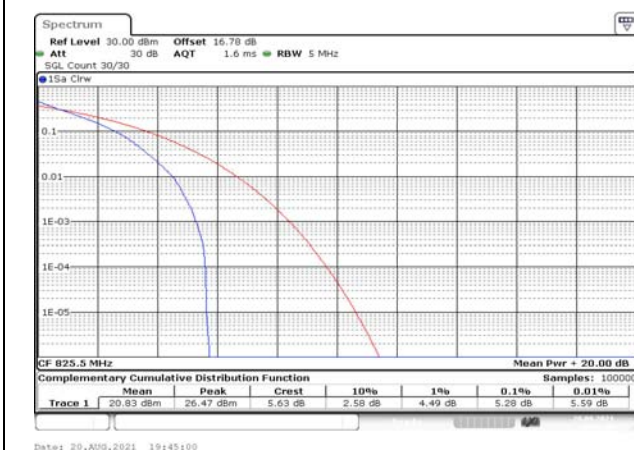


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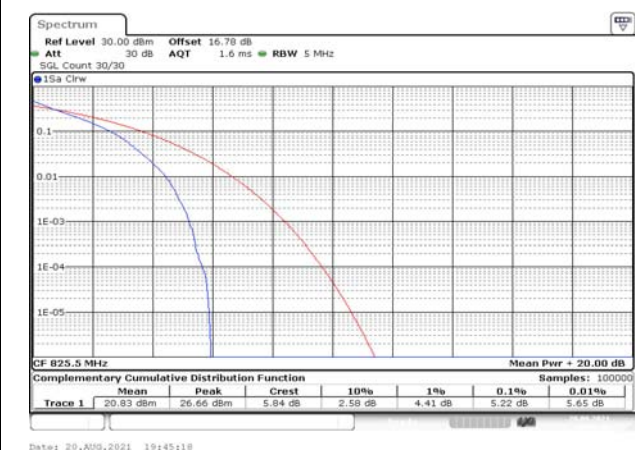


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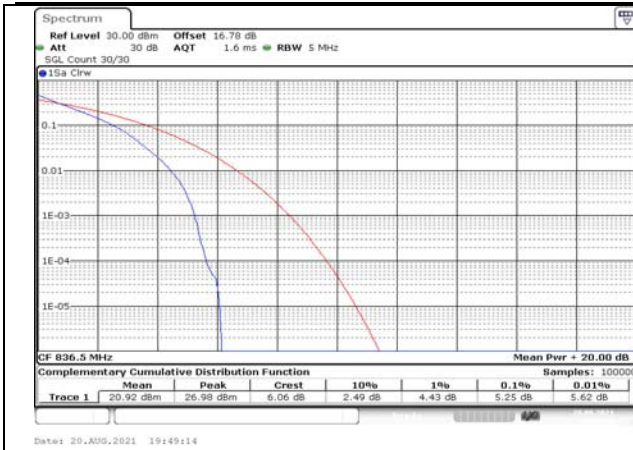


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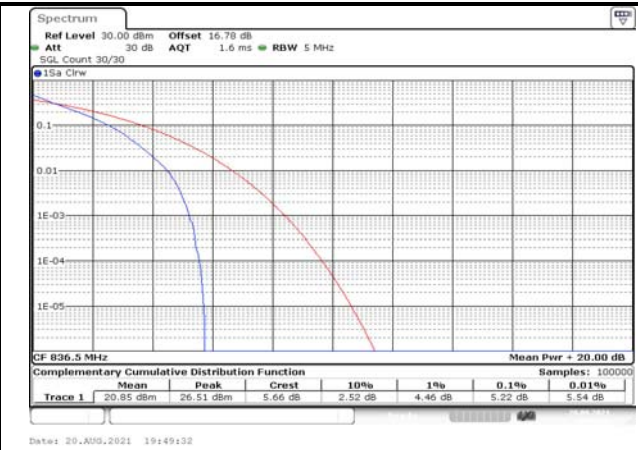


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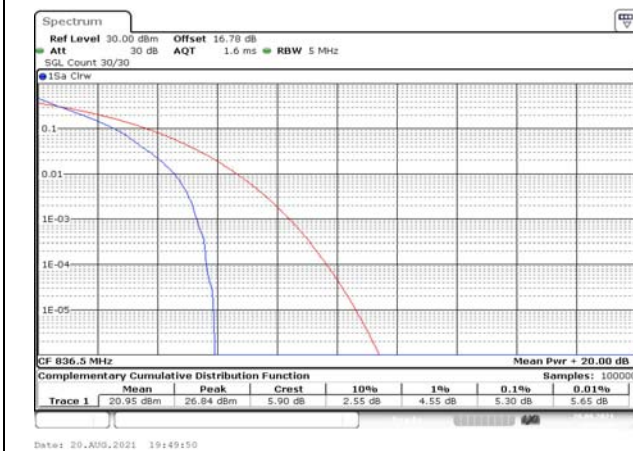


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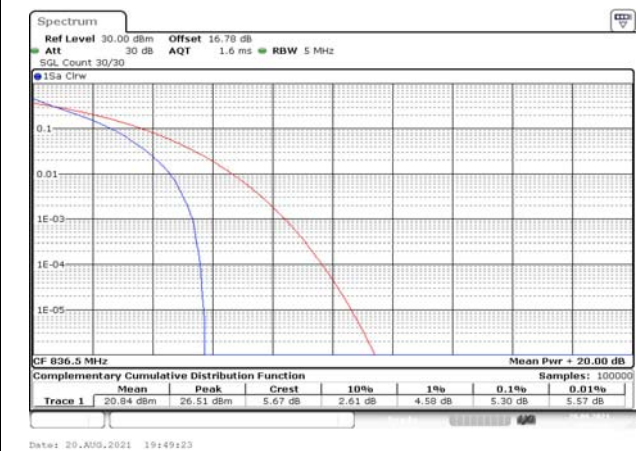


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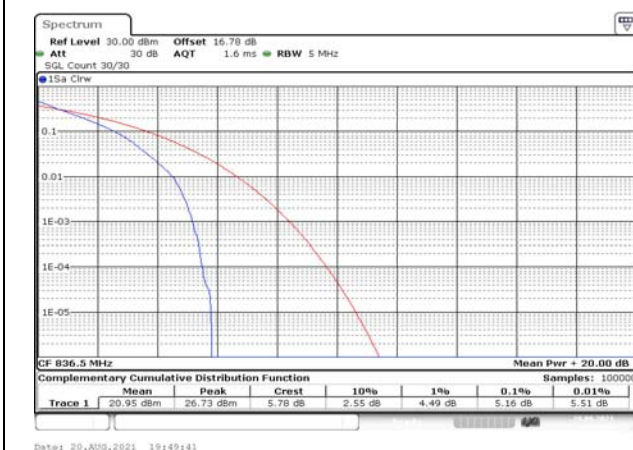


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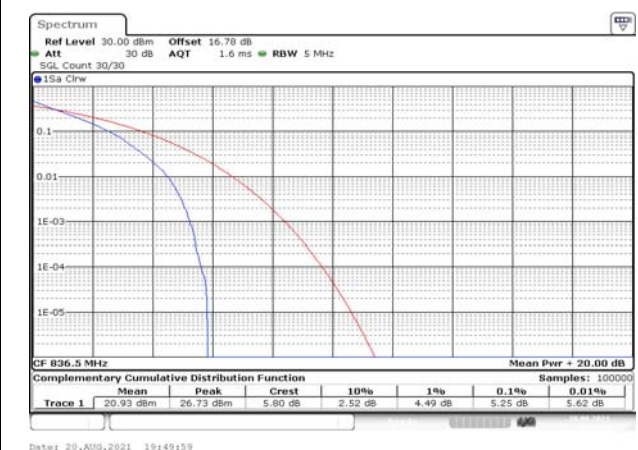


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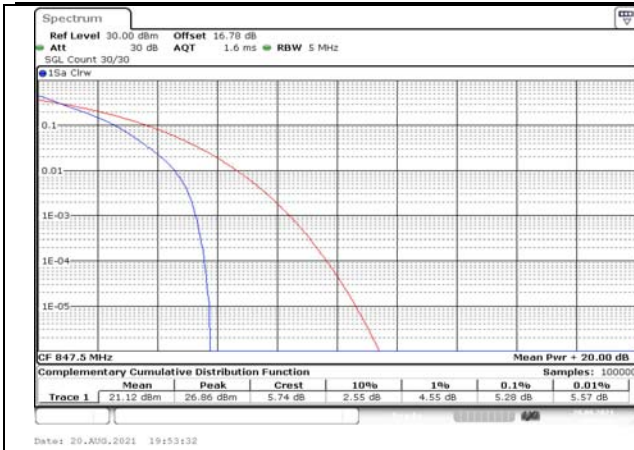


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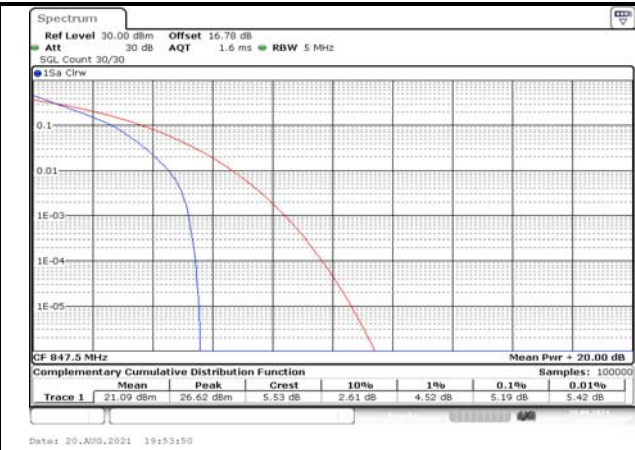


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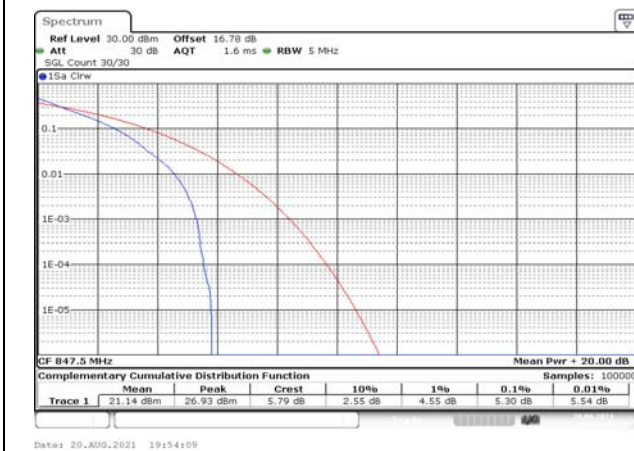


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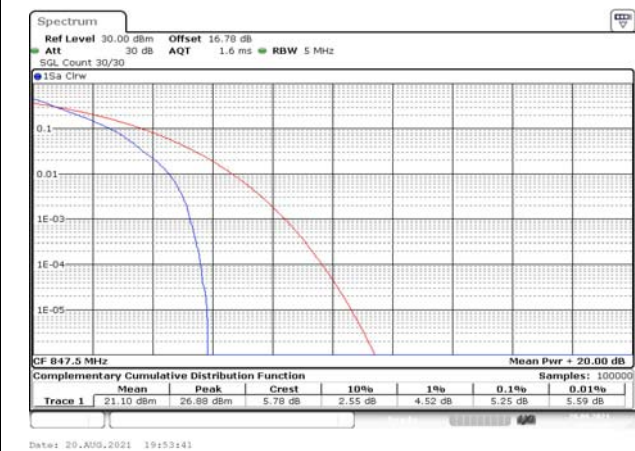


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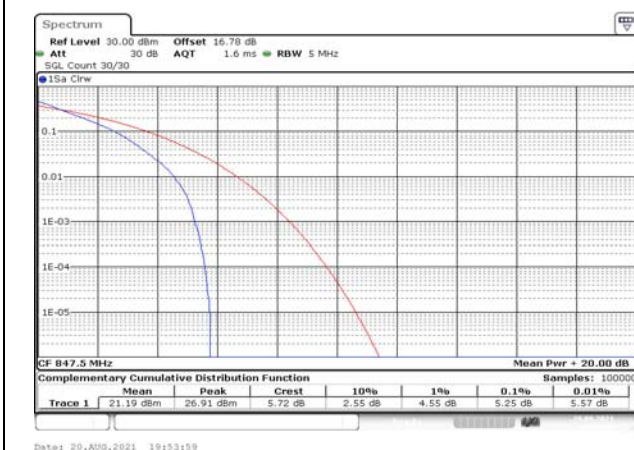


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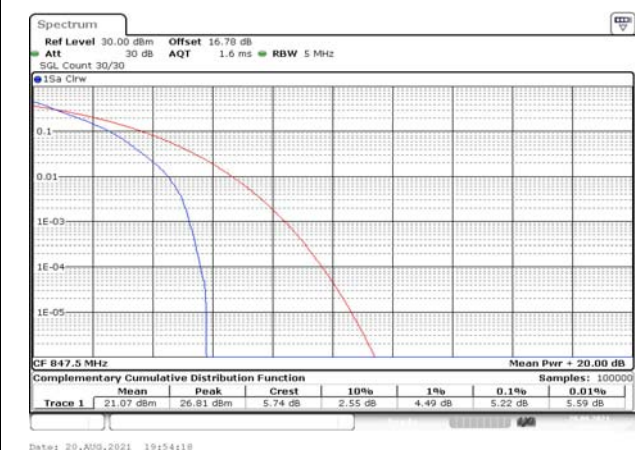


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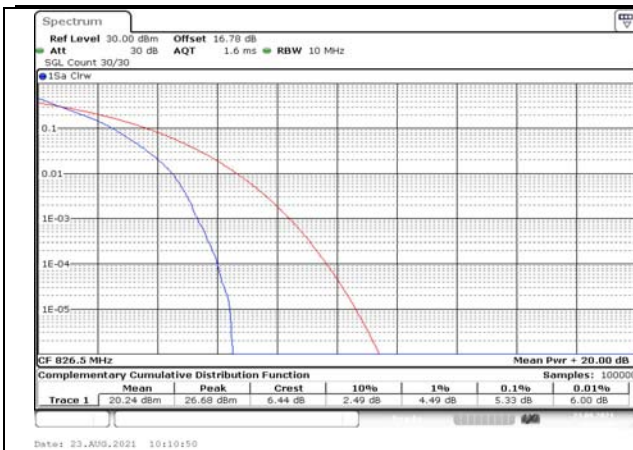


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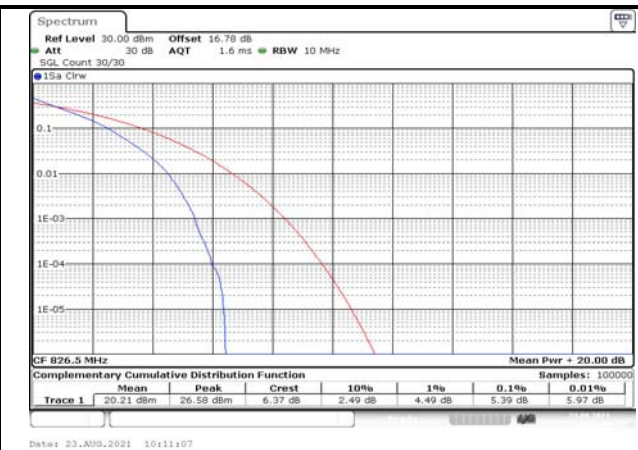


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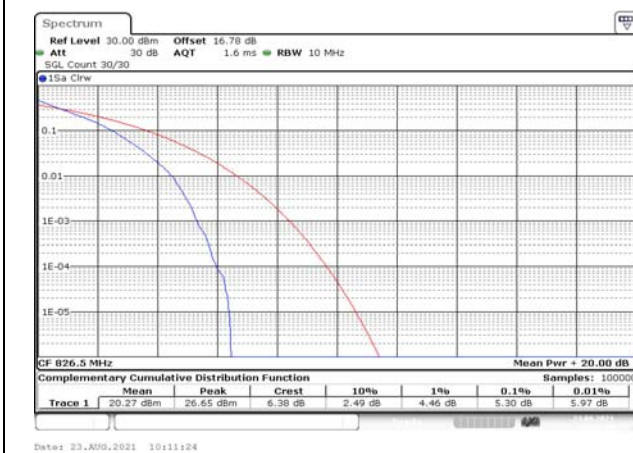


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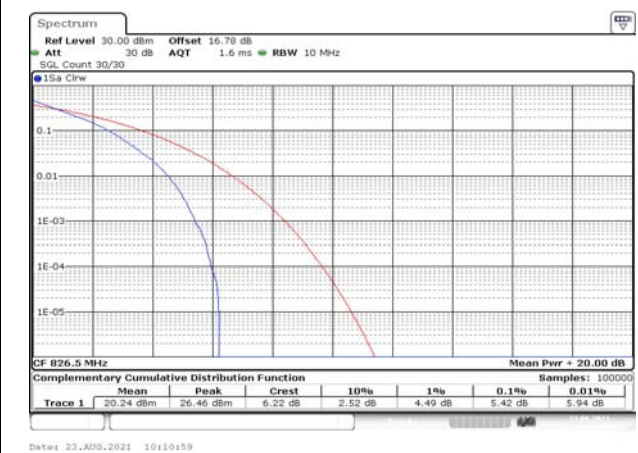


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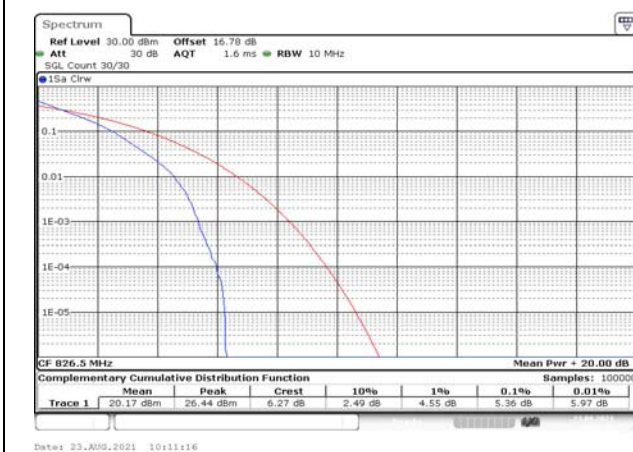


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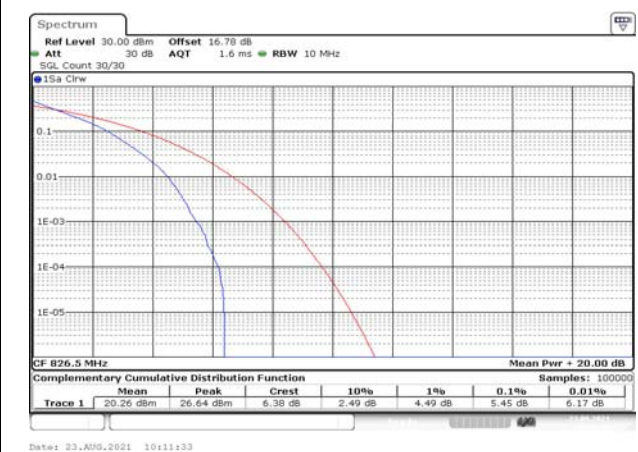


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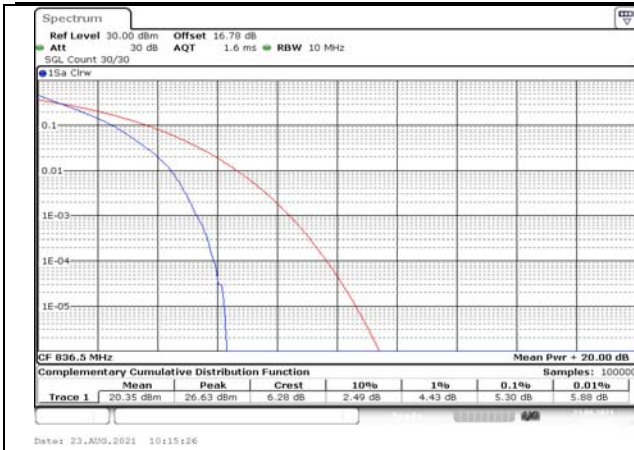


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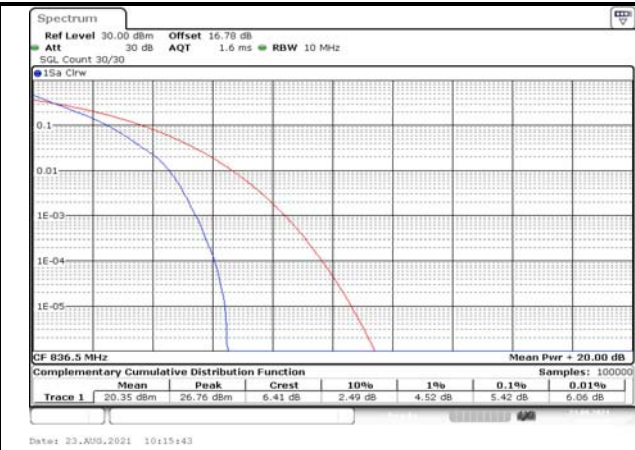


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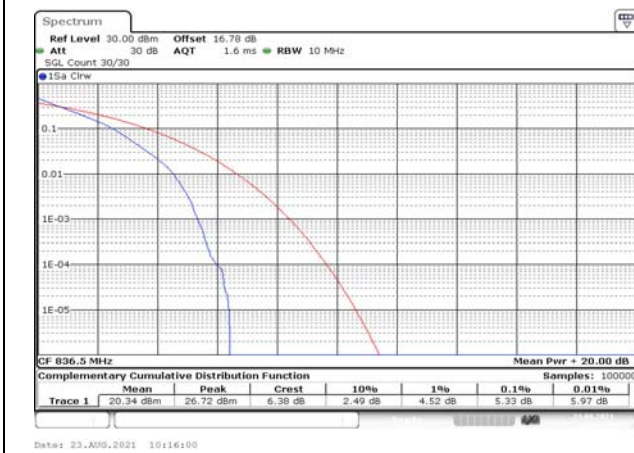


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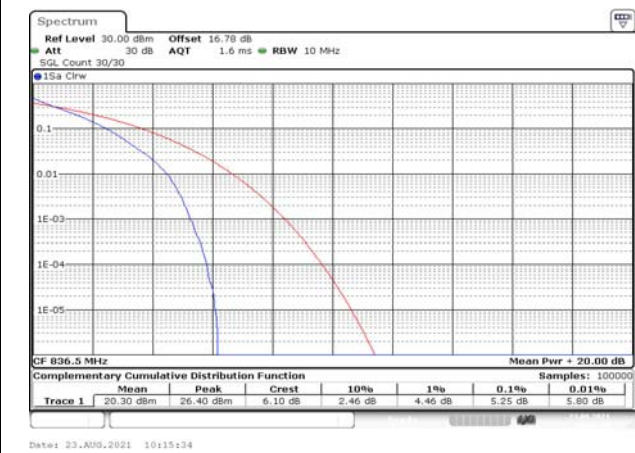


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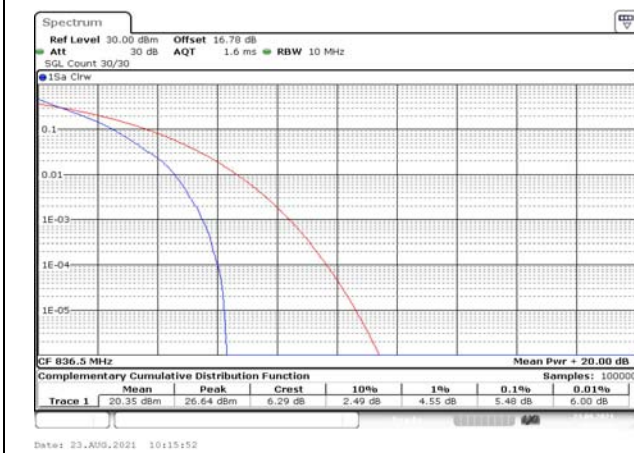


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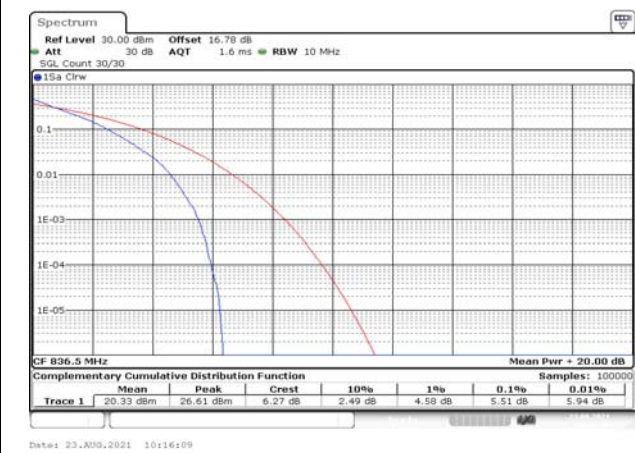


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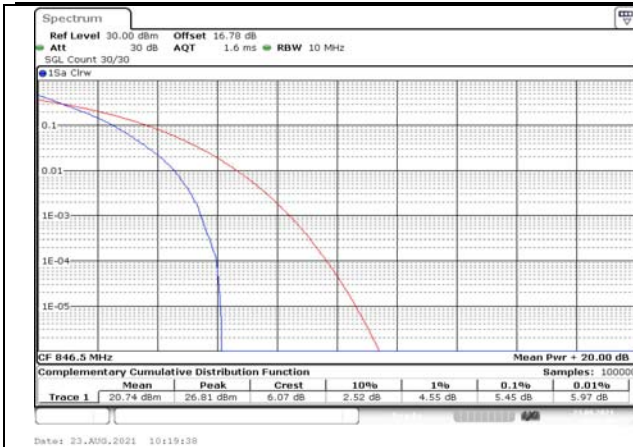


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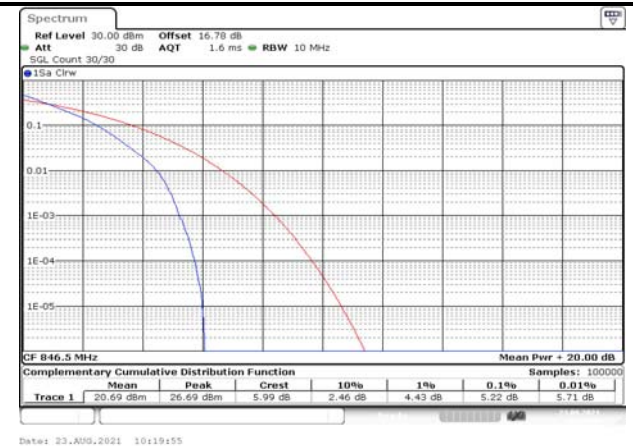


Fig.50

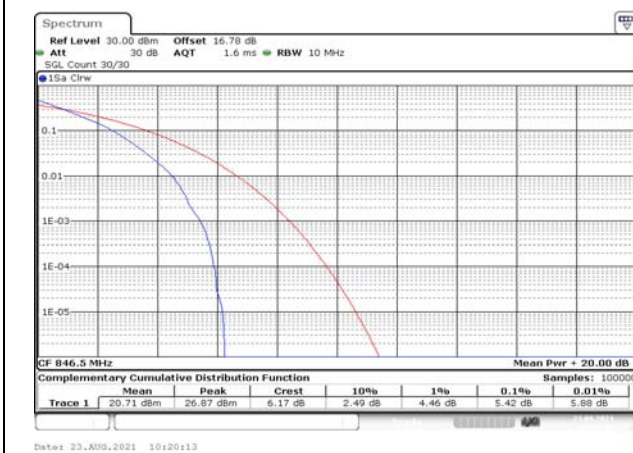


Fig.51

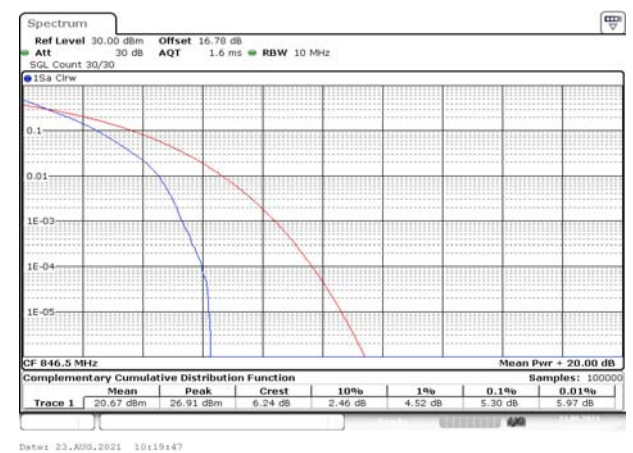


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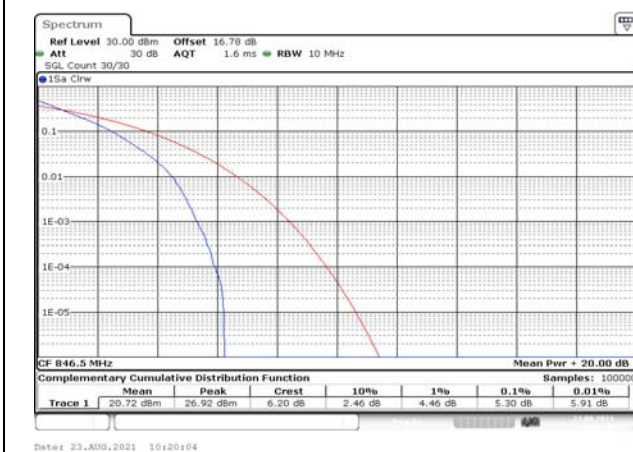


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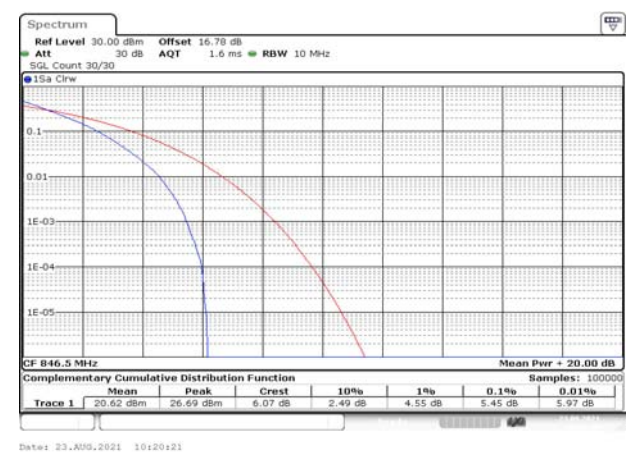


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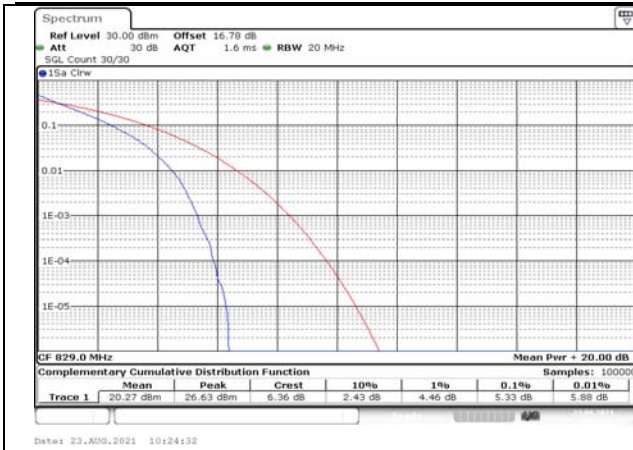


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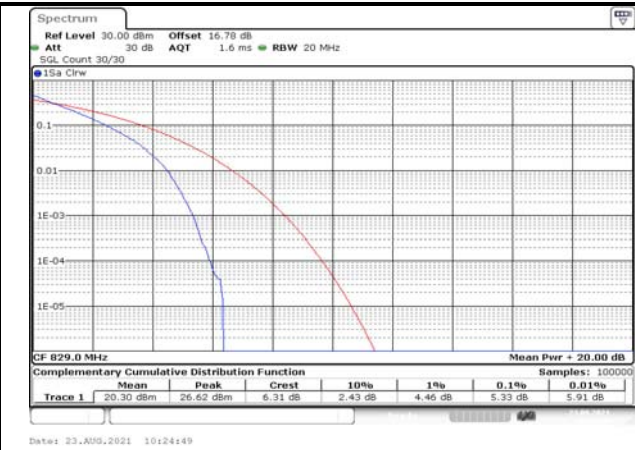


Fig.56

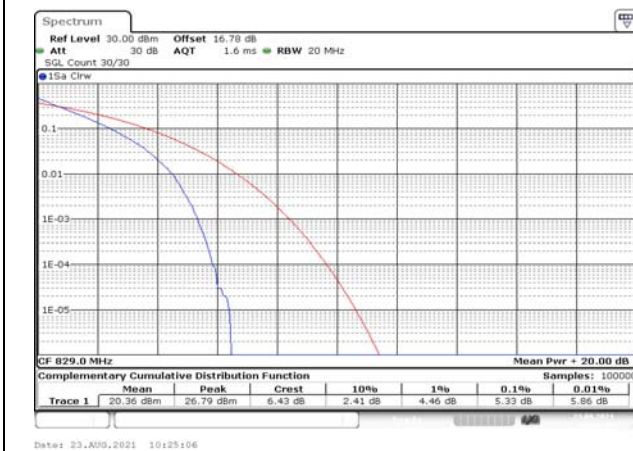


Fig.57

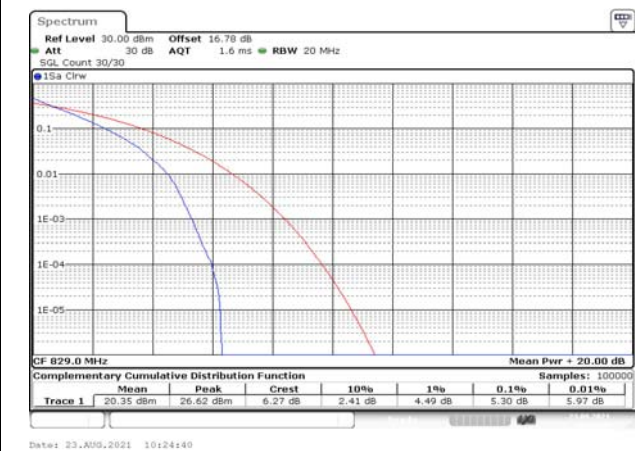


Fig.58

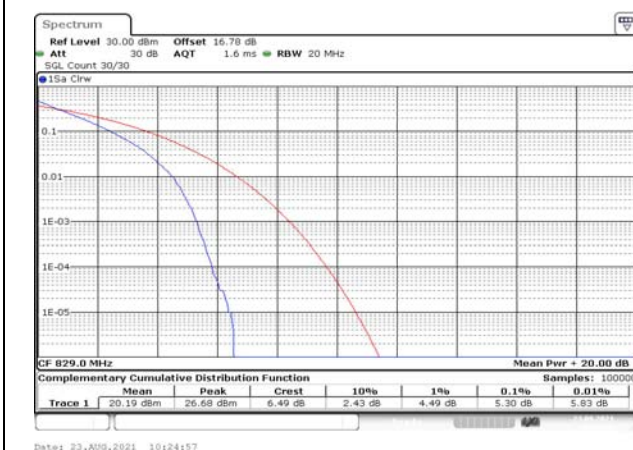


Fig.59

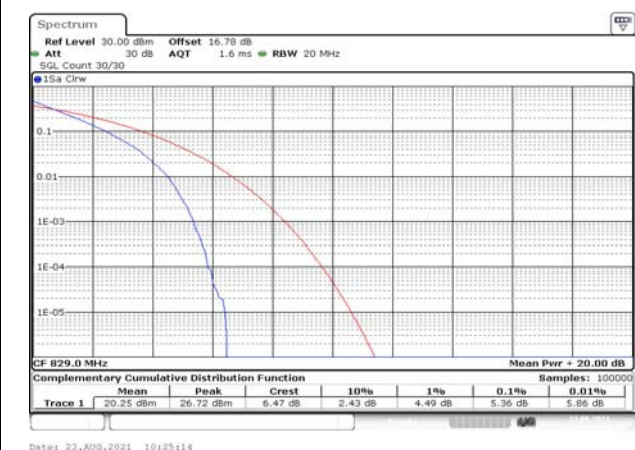


Fig.60

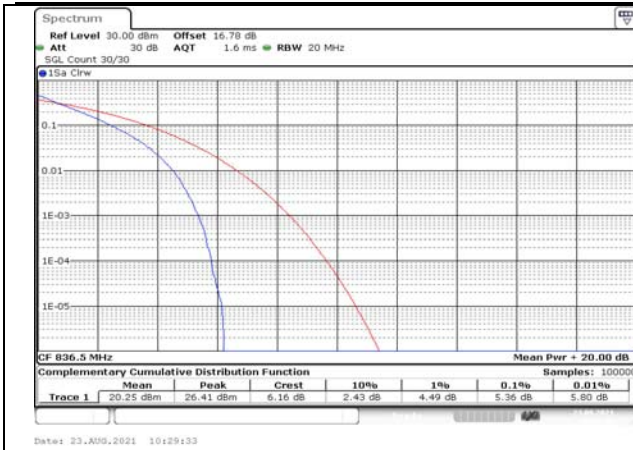


Fig.61

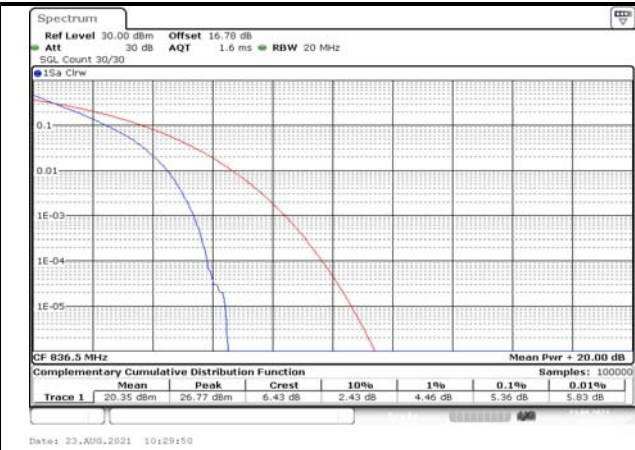


Fig.62

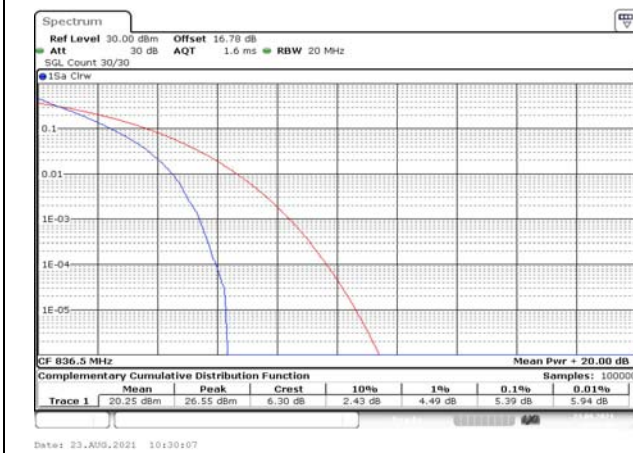


Fig.63

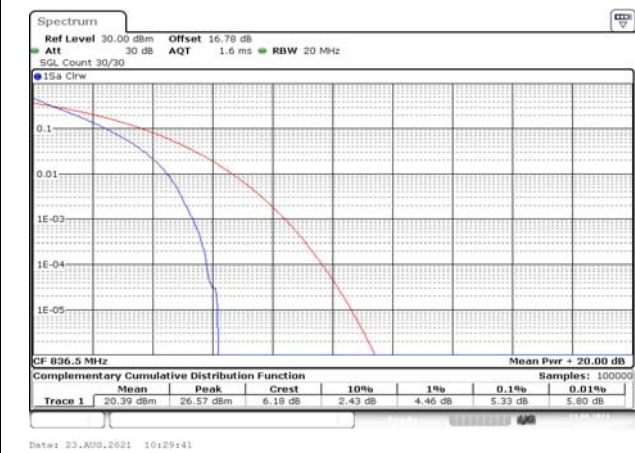


Fig.64

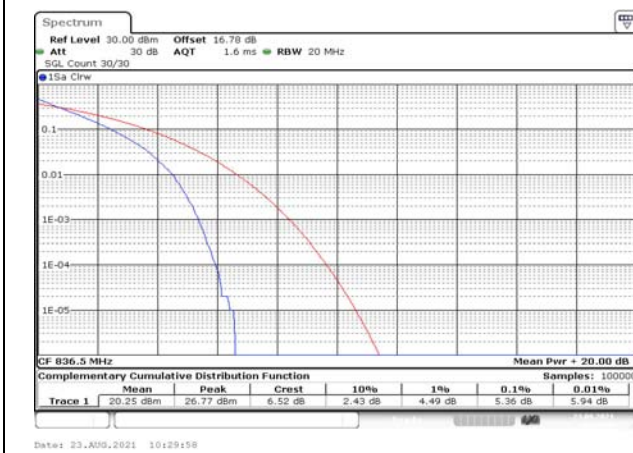


Fig.65

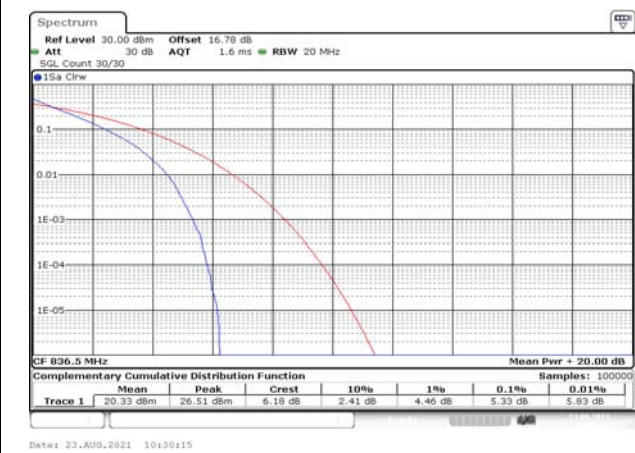


Fig.66

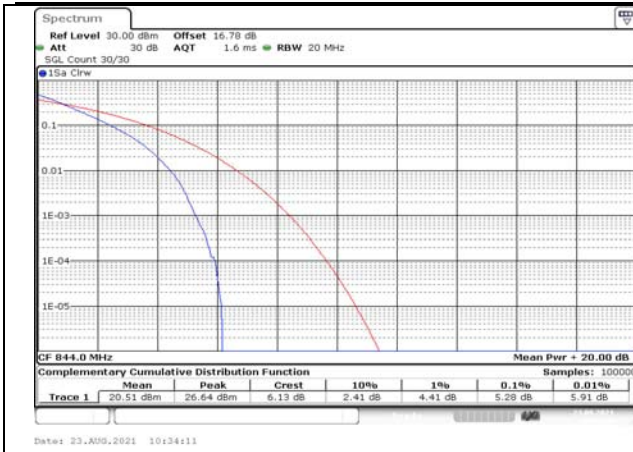


Fig.67

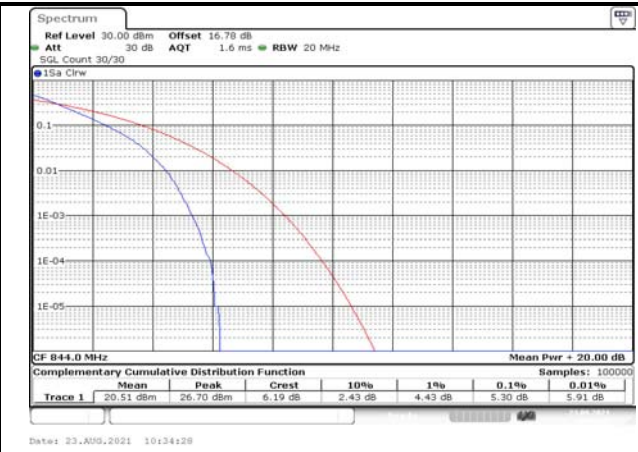


Fig.68

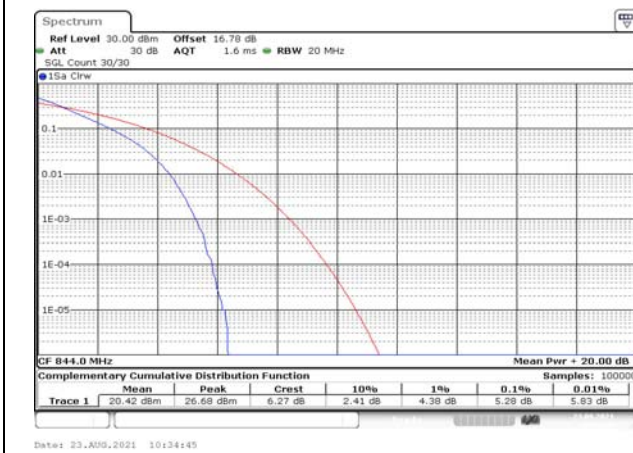


Fig.69

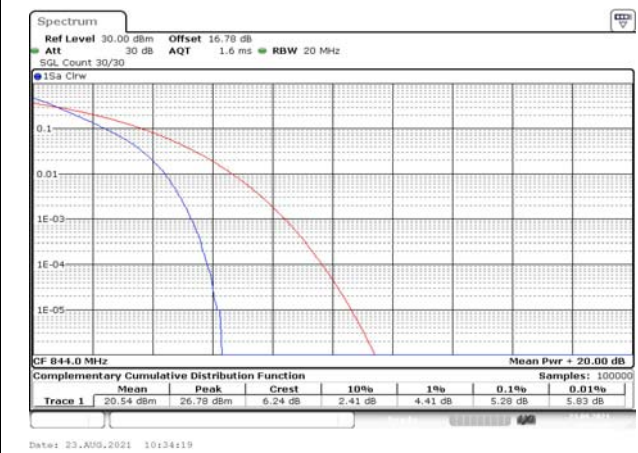


Fig.70

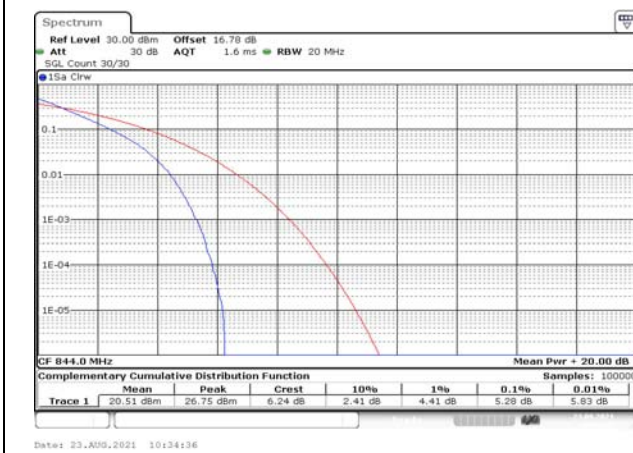


Fig.71

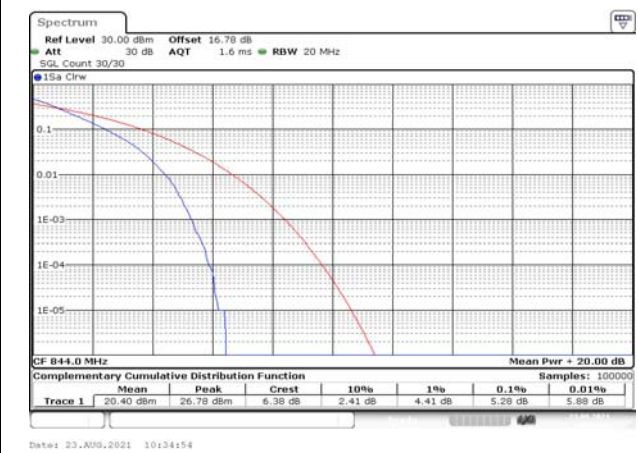


Fig.72

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

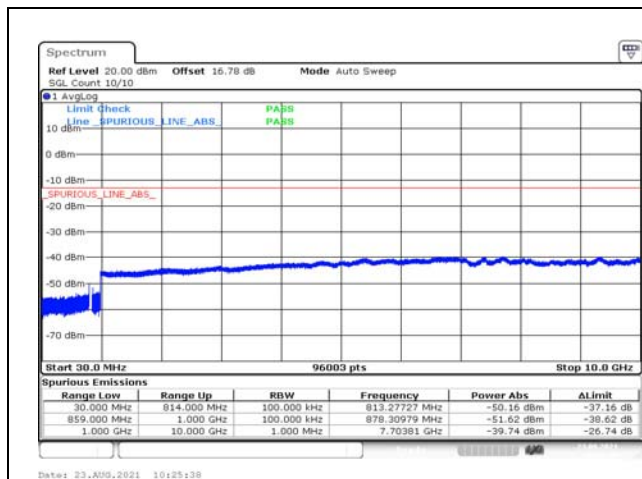


Fig.1

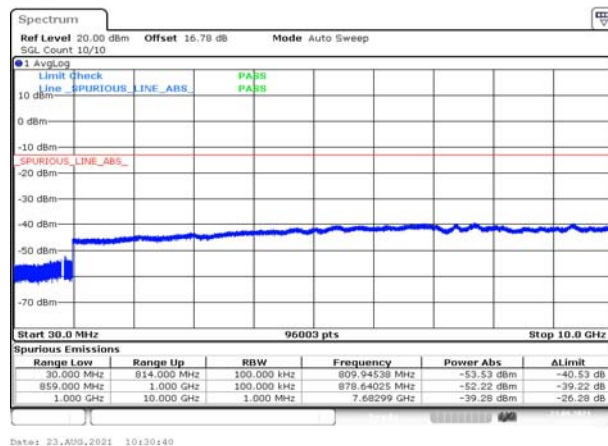


Fig.2

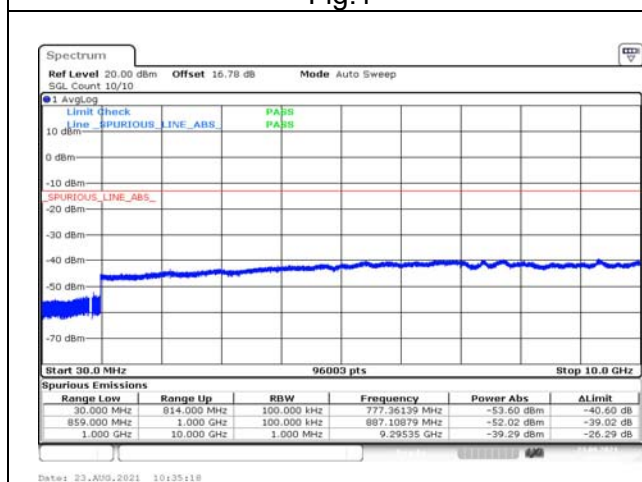


Fig.3

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
		20643		1	5	Fig.3
				6	0	Fig.4
	825.5	20415	3	1	0	Fig.5
				15	0	Fig.6
		20635		1	14	Fig.7
				15	0	Fig.8
	826.5	20425	5	1	0	Fig.9
				25	0	Fig.10
		20625		1	24	Fig.11
				25	0	Fig.12
	829	20450	10	1	0	Fig.13
				50	0	Fig.14
		20600		1	49	Fig.15
				50	0	Fig.16

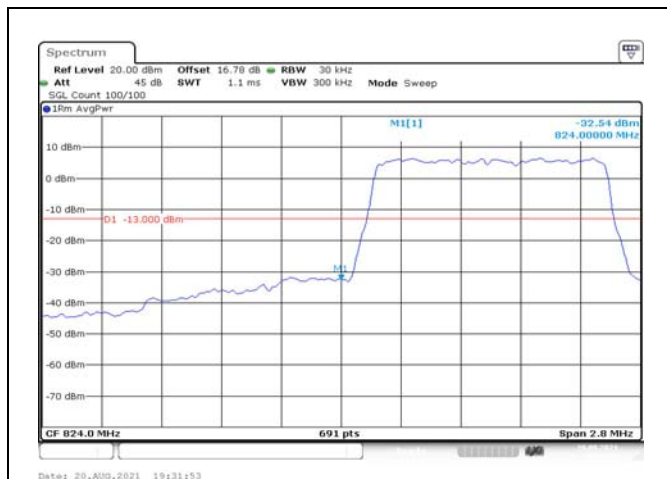


Fig.1

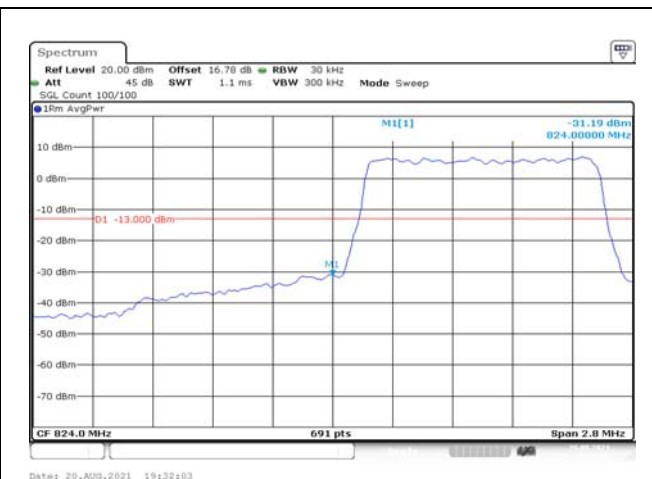


Fig.2

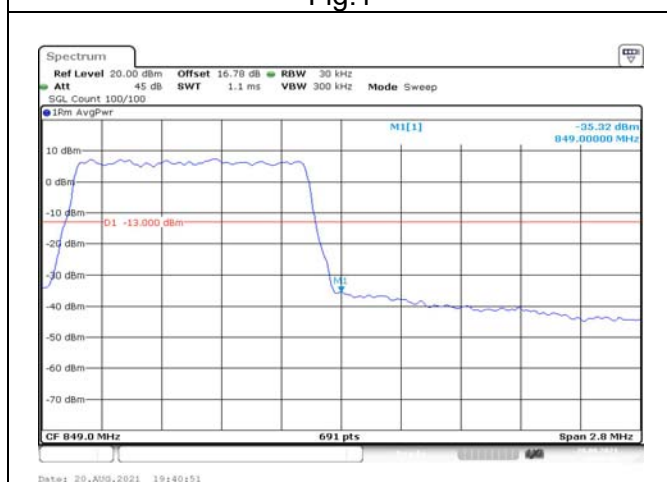


Fig.3

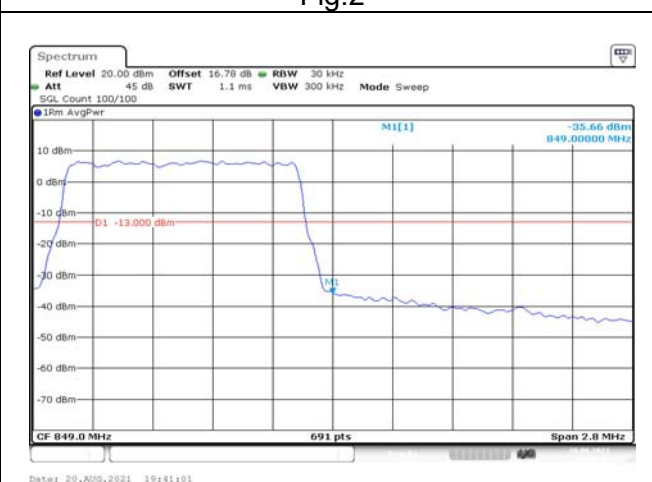


Fig.4

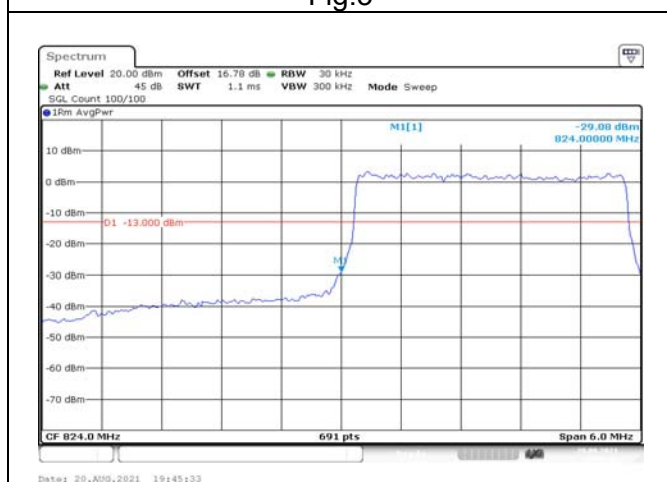


Fig.5

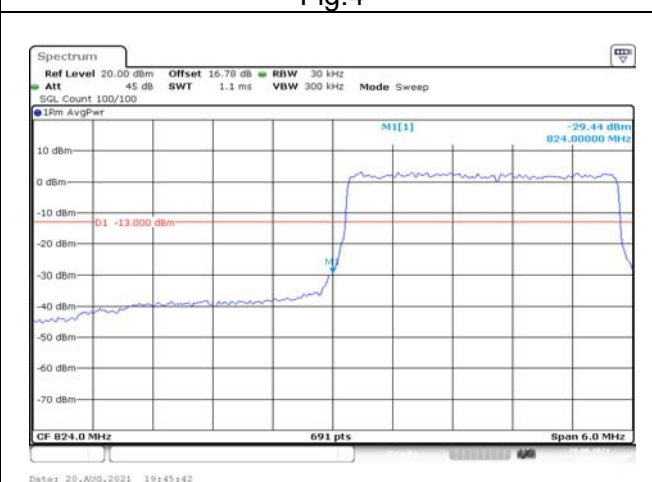
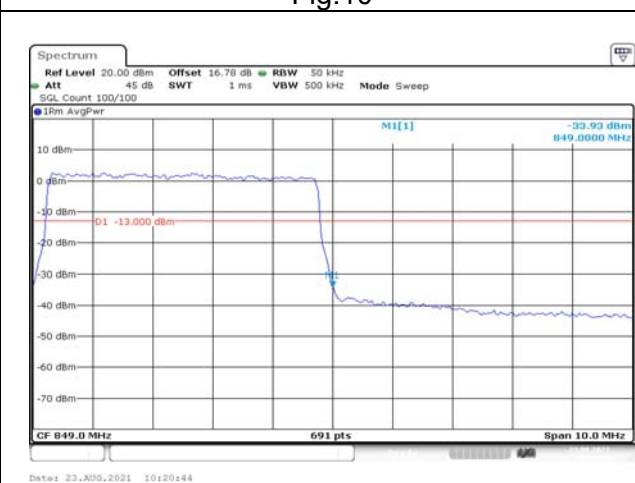
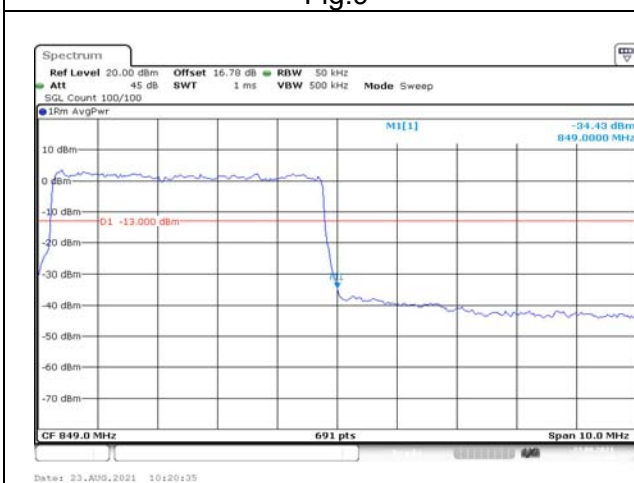
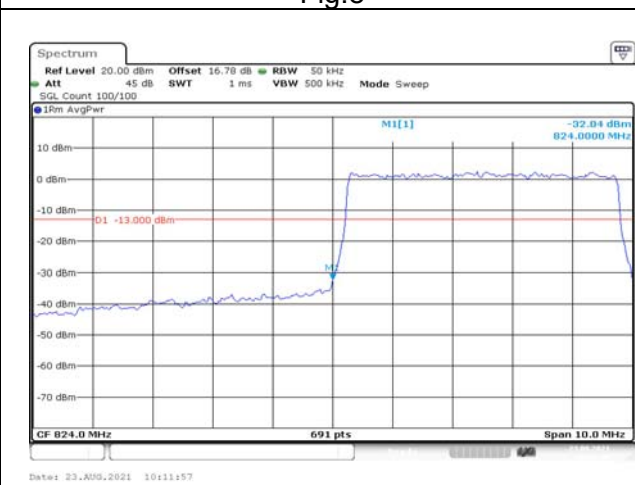
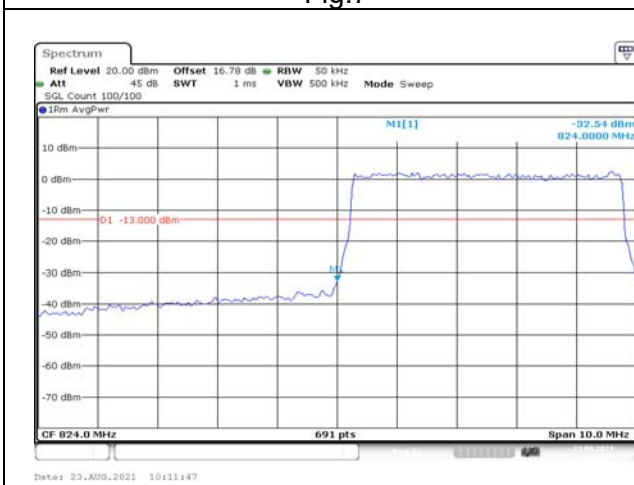
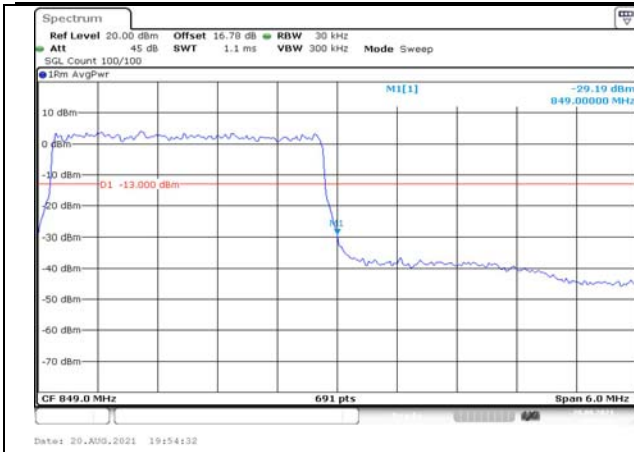
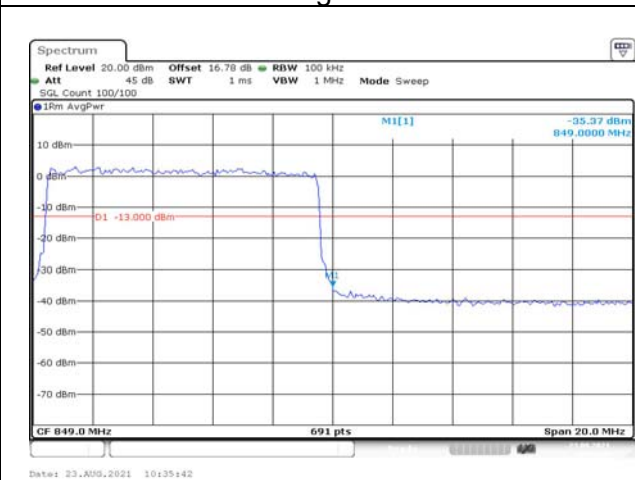
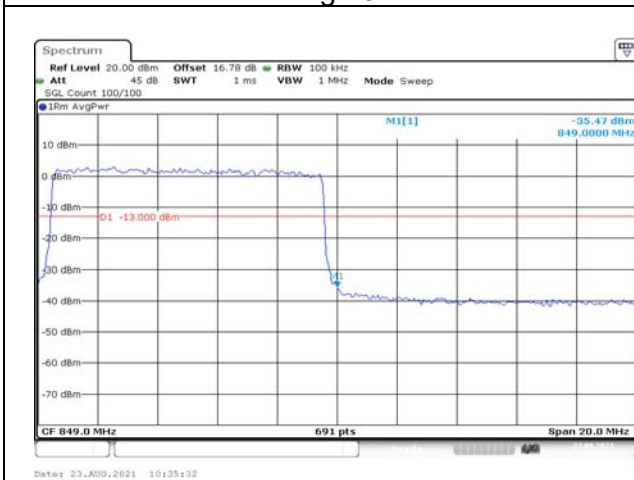
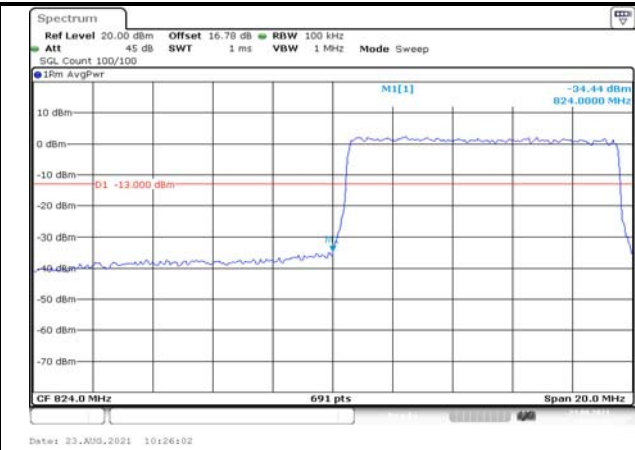
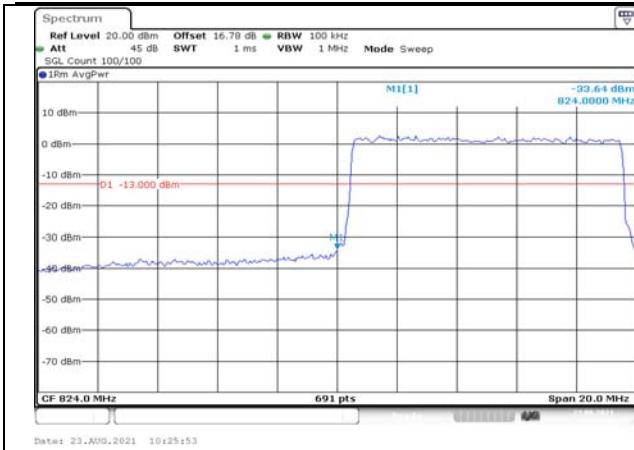


Fig.6





7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band5 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	-0.003	0.001	0.001	-0.001	---	---
0	NV	0.001	0.002	-0.001	0.000	---	---
+10	NV	-0.001	0.002	0.002	-0.001	---	---
+20	NV	0.012	0.001	0.000	0.002	---	---
+30	NV	-0.002	0.002	-0.001	-0.001	---	---
+40	NV	-0.002	0.002	0.002	-0.001	---	---
+50	NV	-0.001	0.000	-0.001	-0.003	---	---
+20	LV	0.018	0.001	-0.001	-0.002	---	---
+20	HV	-0.023	0.003	0.002	-0.002	---	---

Temperature(°C)	Voltage	Test Result (ppm) Band5 High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	-0.003	0.002	0.001	0.000	---	---
0	NV	-0.005	0.001	0.001	0.000	---	---
+10	NV	-0.006	0.002	0.002	0.000	---	---
+20	NV	0.002	0.000	0.002	-0.001	---	---
+30	NV	-0.008	0.001	0.000	-0.002	---	---
+40	NV	0.023	0.002	0.000	-0.001	---	---
+50	NV	0.002	0.003	0.001	0.001	---	---
+20	LV	0.003	0.002	0.002	0.001	---	---
+20	HV	0.014	0.000	0.003	-0.001	---	---

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	22.70	13.35	0.022	
				1	3	22.76	13.41	0.022	
				1	5	22.73	13.38	0.022	
				3	0	22.71	13.36	0.022	
				3	1	22.77	13.42	0.022	
				3	3	22.68	13.33	0.022	
	6	0		21.81	12.46	0.018			
	836.5	20525		1	0	22.80	13.45	0.022	
				1	3	22.91	13.56	0.023	
				1	5	22.89	13.54	0.023	
				3	0	22.92	13.57	0.023	
				3	1	22.83	13.48	0.022	
				3	3	22.85	13.50	0.022	
	6	0		21.90	12.55	0.018			
	848.3	20643		1	0	23.05	13.70	0.023	
				1	3	23.08	13.73	0.024	
				1	5	22.97	13.62	0.023	
				3	0	22.98	13.63	0.023	
				3	1	23.04	13.69	0.023	
				3	3	22.96	13.61	0.023	
	16QAM	824.7		20407	6	0	22.07	12.72	0.019
					1	0	21.97	12.62	0.018
					1	3	22.18	12.83	0.019
					1	5	22.00	12.65	0.018
3					0	21.81	12.46	0.018	
3					1	21.88	12.53	0.018	
3		3		21.83	12.48	0.018			
6		0		20.92	11.57	0.014			
836.5		20525		1	0	22.05	12.70	0.019	
				1	3	22.14	12.79	0.019	
				1	5	22.23	12.88	0.019	
				3	0	21.90	12.55	0.018	
				3	1	21.93	12.58	0.018	
				3	3	21.94	12.59	0.018	
6		0		20.99	11.64	0.015			
848.3		20643		1	0	22.30	12.95	0.020	
				1	3	22.29	12.94	0.020	
				1	5	22.30	12.95	0.020	
				3	0	21.85	12.50	0.018	
				3	1	21.97	12.62	0.018	
				3	3	21.96	12.61	0.018	
6		0		21.10	11.75	0.015			

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	21.09	11.74	0.015
				1	3	21.33	11.98	0.016
				1	5	21.26	11.91	0.016
				3	0	20.96	11.61	0.014
				3	1	21.05	11.70	0.015
				3	3	20.99	11.64	0.015
				6	0	19.86	10.51	0.011
	836.5	20525		1	0	20.73	11.38	0.014
				1	3	20.86	11.51	0.014
				1	5	20.76	11.41	0.014
				3	0	20.97	11.62	0.015
				3	1	21.09	11.74	0.015
				3	3	21.12	11.77	0.015
				6	0	20.02	10.67	0.012
	848.3	20643		1	0	20.96	11.61	0.014
				1	3	20.99	11.64	0.015
				1	5	20.90	11.55	0.014
				3	0	21.11	11.76	0.015
				3	1	21.16	11.81	0.015
				3	3	21.15	11.80	0.015
				6	0	19.99	10.64	0.012

Modulation	Carrier frequency (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	22.91	13.56	0.023
				1	8	22.86	13.51	0.022
				1	14	22.90	13.55	0.023
				8	0	21.95	12.60	0.018
				8	4	21.98	12.63	0.018
				8	7	21.93	12.58	0.018
				15	0	21.91	12.56	0.018
	836.5	20525		1	0	22.98	13.63	0.023
				1	8	23.12	13.77	0.024
				1	14	23.03	13.68	0.023
				8	0	22.05	12.70	0.019
				8	4	22.13	12.78	0.019
				8	7	22.09	12.74	0.019
				15	0	22.00	12.65	0.018
	847.5	20635		1	0	23.13	13.78	0.024
				1	8	23.19	13.84	0.024
				1	14	23.16	13.81	0.024
				8	0	22.18	12.83	0.019
				8	4	22.20	12.85	0.019
				8	7	22.17	12.82	0.019
				15	0	22.09	12.74	0.019
16QAM	825.5	20415		1	0	22.54	13.19	0.021
				1	8	22.51	13.16	0.021
				1	14	22.55	13.20	0.021
				8	0	21.04	11.69	0.015
				8	4	21.08	11.73	0.015
				8	7	21.05	11.70	0.015
				15	0	20.98	11.63	0.015
	836.5	20525		1	0	22.19	12.84	0.019
				1	8	22.41	13.06	0.020
				1	14	22.25	12.90	0.019
				8	0	21.01	11.66	0.015
				8	4	21.08	11.73	0.015
				8	7	21.05	11.70	0.015
				15	0	21.04	11.69	0.015
	847.5	20635		1	0	22.43	13.08	0.020
				1	8	22.43	13.08	0.020
				1	14	22.38	13.03	0.020
				8	0	21.20	11.85	0.015
				8	4	21.14	11.79	0.015
				8	7	21.15	11.80	0.015
				15	0	21.22	11.87	0.015

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	21.26	11.91	0.016
				1	8	21.18	11.83	0.015
				1	14	21.24	11.89	0.015
				8	0	20.19	10.84	0.012
				8	4	20.14	10.79	0.012
				8	7	20.17	10.82	0.012
				15	0	19.97	10.62	0.012
	836.5	20525		1	0	20.82	11.47	0.014
				1	8	20.95	11.60	0.014
				1	14	20.91	11.56	0.014
				8	0	19.97	10.62	0.012
				8	4	20.10	10.75	0.012
				8	7	20.07	10.72	0.012
				15	0	20.13	10.78	0.012
	847.5	20635		1	0	21.10	11.75	0.015
				1	8	21.04	11.69	0.015
				1	14	20.98	11.63	0.015
				8	0	20.13	10.78	0.012
				8	4	20.19	10.84	0.012
				8	7	20.17	10.82	0.012
				15	0	20.28	10.93	0.012

Modulation	Carrier frequen cy (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	22.70	13.35	0.022	
				1	12	22.51	13.16	0.021	
				1	24	22.72	13.37	0.022	
				12	0	21.78	12.43	0.017	
				12	7	21.80	12.45	0.018	
				12	13	21.78	12.43	0.017	
	25	0		21.79	12.44	0.018			
	836.5	20525		1	0	22.79	13.44	0.022	
				1	12	22.82	13.47	0.022	
				1	24	23.00	13.65	0.023	
				12	0	21.88	12.53	0.018	
				12	7	21.96	12.61	0.018	
				12	13	22.01	12.66	0.018	
	25	0		21.90	12.55	0.018			
	846.5	20625		1	0	22.89	13.54	0.023	
				1	12	22.99	13.64	0.023	
				1	24	22.96	13.61	0.023	
				12	0	21.99	12.64	0.018	
				12	7	22.04	12.69	0.019	
				12	13	22.11	12.76	0.019	
	25	0		21.99	12.64	0.018			
	16QAM	826.5		20425	1	0	22.00	12.65	0.018
					1	12	21.82	12.47	0.018
					1	24	21.97	12.62	0.018
12					0	20.79	11.44	0.014	
12					7	20.79	11.44	0.014	
12					13	20.81	11.46	0.014	
25		0		20.79	11.44	0.014			
836.5		20525		1	0	22.30	12.95	0.020	
				1	12	22.20	12.85	0.019	
				1	24	22.43	13.08	0.020	
				12	0	20.82	11.47	0.014	
				12	7	20.88	11.53	0.014	
				12	13	20.94	11.59	0.014	
25		0		20.85	11.50	0.014			
846.5		20625		1	0	22.33	12.98	0.020	
				1	12	22.35	13.00	0.020	
				1	24	22.38	13.03	0.020	
				12	0	20.99	11.64	0.015	
				12	7	20.98	11.63	0.015	
				12	13	21.07	11.72	0.015	
25		0		21.05	11.70	0.015			

Modulation	Carrier frequen 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	20.74	11.39	0.014
				1	12	20.63	11.28	0.013
				1	24	20.80	11.45	0.014
				12	0	19.78	10.43	0.011
				12	7	19.72	10.37	0.011
				12	13	19.77	10.42	0.011
				25	0	19.75	10.40	0.011
	836.5	20525		1	0	21.19	11.84	0.015
				1	12	21.20	11.85	0.015
				1	24	21.28	11.93	0.016
				12	0	19.98	10.63	0.012
				12	7	19.97	10.62	0.012
				12	13	20.14	10.79	0.012
				25	0	19.98	10.63	0.012
	846.5	20625		1	0	21.27	11.92	0.016
				1	12	21.22	11.87	0.015
				1	24	21.34	11.99	0.016
				12	0	20.11	10.76	0.012
				12	7	20.13	10.78	0.012
				12	13	20.20	10.85	0.012
				25	0	20.07	10.72	0.012

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	22.62	13.27	0.021	
				1	25	22.67	13.32	0.021	
				1	49	22.64	13.29	0.021	
				25	0	21.79	12.44	0.018	
				25	12	21.86	12.51	0.018	
				25	25	21.85	12.50	0.018	
	50	0		21.90	12.55	0.018			
	836.5	20525		1	0	22.82	13.47	0.022	
				1	25	22.82	13.47	0.022	
				1	49	22.98	13.63	0.023	
				25	0	21.95	12.60	0.018	
				25	12	22.02	12.67	0.018	
				25	25	21.99	12.64	0.018	
	50	0		22.01	12.66	0.018			
	844	20600		1	0	23.07	13.72	0.024	
				1	25	22.95	13.60	0.023	
				1	49	22.99	13.64	0.023	
				25	0	21.98	12.63	0.018	
				25	12	22.06	12.71	0.019	
				25	25	22.15	12.80	0.019	
	50	0		22.02	12.67	0.018			
	16QAM	829		20450	1	0	22.55	13.20	0.021
					1	25	22.37	13.02	0.020
					1	49	22.79	13.44	0.022
25					0	20.71	11.36	0.014	
25					12	20.91	11.56	0.014	
25					25	20.91	11.56	0.014	
50		0		20.89	11.54	0.014			
836.5		20525		1	0	22.48	13.13	0.021	
				1	25	22.95	13.60	0.023	
				1	49	22.99	13.64	0.023	
				25	0	20.98	11.63	0.015	
				25	12	20.98	11.63	0.015	
				25	25	21.05	11.70	0.015	
50		0		20.84	11.49	0.014			
844		20600		1	0	22.16	12.81	0.019	
				1	25	22.26	12.91	0.020	
				1	49	22.45	13.10	0.020	
				25	0	21.12	11.77	0.015	
				25	12	21.04	11.69	0.015	
				25	25	21.13	11.78	0.015	
50		0		21.01	11.66	0.015			

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	829	20450	10	1	0	21.15	11.80	0.015
				1	25	21.00	11.65	0.015
				1	49	21.36	12.01	0.016
				25	0	19.83	10.48	0.011
				25	12	19.98	10.63	0.012
				25	25	19.92	10.57	0.011
				50	0	19.97	10.62	0.012
	836.5	20525		1	0	21.20	11.85	0.015
				1	25	21.42	12.07	0.016
				1	49	21.53	12.18	0.017
				25	0	19.98	10.63	0.012
				25	12	19.96	10.61	0.012
				25	25	20.06	10.71	0.012
				50	0	19.95	10.60	0.011
	844	20600		1	0	21.10	11.75	0.015
				1	25	20.91	11.56	0.014
				1	49	21.15	11.80	0.015
				25	0	20.07	10.72	0.012
				25	12	20.24	10.89	0.012
				25	25	20.21	10.86	0.012
				50	0	20.08	10.73	0.012