

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 26(814-824)

1 RF Power Output

RF Power Output							
Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	
QPSK	814.7	26697	1.4	1	0	24.04	
				1	3	24.01	
				1	5	23.95	
				3	0	23.90	
				3	1	24.01	
				3	3	23.87	
	6	0		23.03			
	819	26740		1	0	24.05	
				1	3	24.10	
				1	5	23.90	
				3	0	23.92	
				3	1	23.99	
				3	3	23.96	
	6	0		22.96			
	823.3	26783		1	0	24.01	
				1	3	23.96	
				1	5	23.90	
				3	0	23.94	
				3	1	23.88	
				3	3	23.96	
	6	0		23.09			
	16QAM	814.7		26697	1	0	23.68
					1	3	23.22
					1	5	23.28
3					0	22.84	
3					1	23.23	
3					3	23.00	
6		0		22.13			
819		26740		1	0	23.39	
				1	3	24.00	
				1	5	23.34	
				3	0	23.11	
				3	1	22.97	
				3	3	22.95	
6		0		22.10			
823.3		26783		1	0	23.24	
				1	3	23.48	
				1	5	23.29	
				3	0	22.86	
				3	1	23.09	
				3	3	22.97	
				6	0	22.15	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	814.7	26697	1.4	1	0	22.35
				1	3	22.49
				1	5	22.45
				3	0	22.28
				3	1	22.25
				3	3	22.11
				6	0	21.07
	819	26740		1	0	22.04
				1	3	21.81
				1	5	21.74
				3	0	22.13
				3	1	22.25
				3	3	21.96
				6	0	21.11
	823.3	26783		1	0	21.82
				1	3	22.06
				1	5	21.89
				3	0	22.06
				3	1	22.13
				3	3	21.86
				6	0	21.10

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	815.5	26705	3	1	0	23.98
				1	8	24.27
				1	14	24.02
				8	0	23.16
				8	4	23.17
				8	7	23.15
				15	0	23.12
	819	26740		1	0	24.07
				1	8	24.09
				1	14	24.08
				8	0	23.15
				8	4	23.16
				8	7	23.14
				15	0	23.05
	822.5	26775		1	0	24.15
				1	8	24.27
				1	14	24.21
				8	0	23.16
				8	4	23.16
				8	7	23.11
				15	0	23.12
16QAM	815.5	26705	1	0	23.80	
			1	8	23.80	
			1	14	23.74	
			8	0	22.21	
			8	4	22.20	
			8	7	22.17	
			15	0	22.15	
	819	26740	1	0	23.62	
			1	8	23.49	
			1	14	23.27	
			8	0	22.14	
			8	4	22.08	
			8	7	22.07	
			15	0	22.07	
	822.5	26775	1	0	23.37	
			1	8	23.51	
			1	14	23.40	
			8	0	22.23	
			8	4	22.19	
			8	7	22.14	
			15	0	22.14	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	815.5	26705	3	1	0	22.41
				1	8	22.57
				1	14	22.37
				8	0	21.30
				8	4	21.36
				8	7	21.23
				15	0	21.11
	819	26740		1	0	21.91
				1	8	22.03
				1	14	22.01
				8	0	21.06
				8	4	21.13
				8	7	21.08
				15	0	21.28
	822.5	26775		1	0	21.83
				1	8	21.87
				1	14	21.82
				8	0	21.12
				8	4	21.18
				8	7	21.07
				15	0	21.22

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	816.5	26715	5	1	0	24.10
				1	12	24.08
				1	24	23.97
				12	0	23.15
				12	7	23.11
				12	13	23.06
				25	0	23.09
	819	26740		1	0	23.95
				1	12	24.23
				1	24	24.01
				12	0	23.16
				12	7	23.10
				12	13	23.11
				25	0	23.03
	821.5	26765		1	0	24.06
				1	12	24.06
				1	24	24.02
				12	0	23.09
				12	7	23.28
				12	13	23.07
				25	0	23.15
16QAM	816.5	26715	1	0	23.39	
			1	12	23.19	
			1	24	23.10	
			12	0	22.09	
			12	7	22.16	
			12	13	22.06	
			25	0	22.05	
	819	26740	1	0	23.60	
			1	12	23.46	
			1	24	23.58	
			12	0	22.07	
			12	7	22.04	
			12	13	21.86	
			25	0	22.04	
	821.5	26765	1	0	23.30	
			1	12	23.47	
			1	24	23.33	
			12	0	22.02	
			12	7	22.08	
			12	13	22.02	
			25	0	22.06	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	816.5	26715	5	1	0	22.01
				1	12	21.99
				1	24	21.99
				12	0	21.13
				12	7	21.10
				12	13	20.97
				25	0	21.11
	819	26740		1	0	22.60
				1	12	22.59
				1	24	22.43
				12	0	21.27
				12	7	21.25
				12	13	21.22
				25	0	21.13
	821.5	26765		1	0	22.36
				1	12	22.49
				1	24	22.44
				12	0	21.18
				12	7	21.21
				12	13	21.19
				25	0	21.20

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	819	26740	10	1	0	24.13
				1	25	23.97
				1	49	23.98
				25	0	23.12
				25	12	23.16
				25	25	23.10
				50	0	23.14
				1	0	24.14
				1	25	23.93
				1	49	24.01
				25	0	23.13
				25	12	23.14
				25	25	23.12
				50	0	23.16
				1	0	24.08
				1	25	24.01
				1	49	24.08
				25	0	23.15
				25	12	23.18
				25	25	23.09
50				0	23.14	
16QAM				1	0	24.26
				1	25	23.90
				1	49	24.19
				25	0	22.14
				25	12	22.18
				25	25	22.17
				50	0	22.14
				1	0	23.75
				1	25	23.79
	1	49	24.16			
	25	0	22.21			
	25	12	22.17			
	25	25	22.13			
	50	0	22.11			
	1	0	24.20			
	1	25	24.17			
	1	49	23.74			
	25	0	22.19			
	25	12	22.16			
	25	25	22.09			
50	0	22.16				

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	819	26740	10	1	0	22.37
				1	25	22.67
				1	49	22.44
				25	0	21.12
				25	12	21.13
				25	25	21.05
				50	0	21.16
				1	0	22.38
				1	25	22.45
				1	49	22.71
				25	0	21.19
				25	12	21.22
				25	25	21.05
				50	0	21.21
				1	0	22.29
				1	25	22.22
				1	49	22.51
				25	0	21.16
				25	12	21.19
				25	25	21.09
				50	0	21.13

2 Occupied Bandwidth

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)					
						QPSK		16-QAM		64-QAM	
26	814.7	26697	1.4	6	0	1.082	Fig.1	1.088	Fig.2	1.082	Fig.3
	819	26740		6	0	1.082	Fig.4	1.082	Fig.5	1.076	Fig.6
	823.3	26783		6	0	1.082	Fig.7	1.082	Fig.8	1.082	Fig.9
	815.5	26705	3	15	0	2.683	Fig.10	2.696	Fig.11	2.696	Fig.12
	819	26740		15	0	2.683	Fig.13	2.683	Fig.14	2.683	Fig.15
	822.5	26775		15	0	2.683	Fig.16	2.683	Fig.17	2.683	Fig.18
	816.5	26715	5	25	0	4.493	Fig.19	4.472	Fig.20	4.472	Fig.21
	819	26740		25	0	4.472	Fig.22	4.472	Fig.23	4.472	Fig.24
	821.5	26765		25	0	4.472	Fig.25	4.472	Fig.26	4.472	Fig.27
	819	26740	10	50	0	8.944	Fig.28	8.944	Fig.29	8.944	Fig.30
	819	26740		50	0	8.944	Fig.31	8.944	Fig.32	8.944	Fig.33
	819	26740		50	0	8.944	Fig.34	8.944	Fig.35	8.944	Fig.36

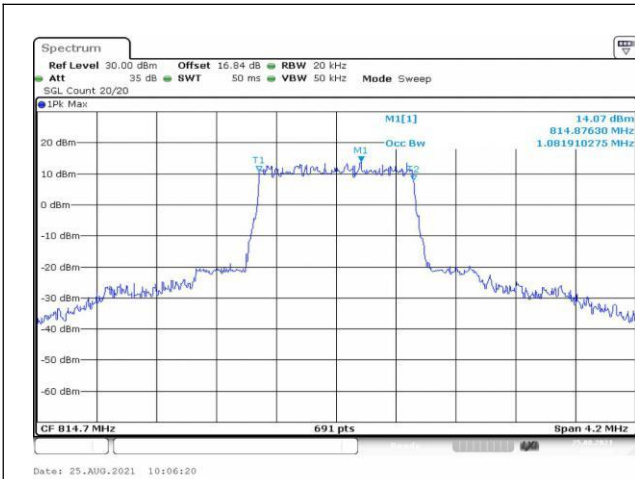


Fig.1

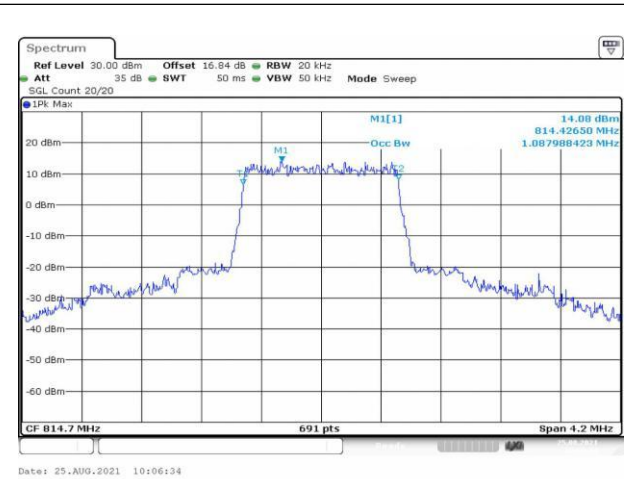


Fig.2

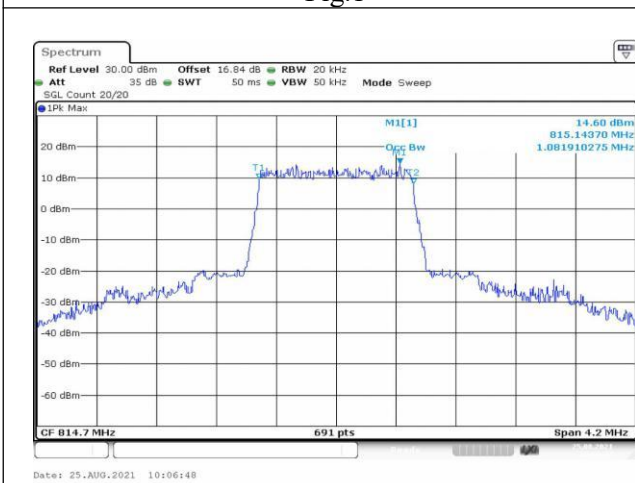


Fig.3

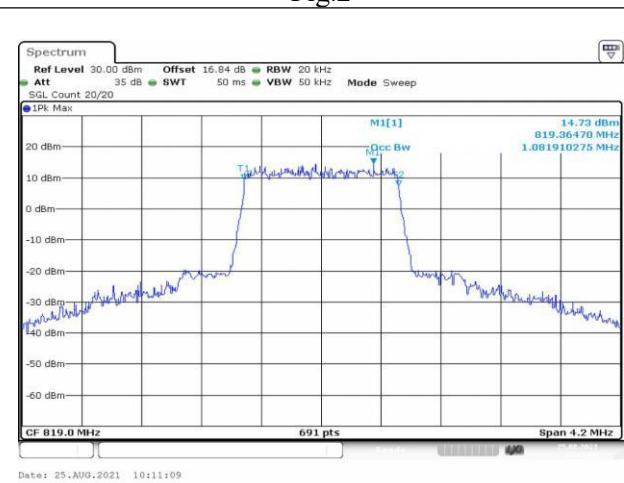


Fig.4

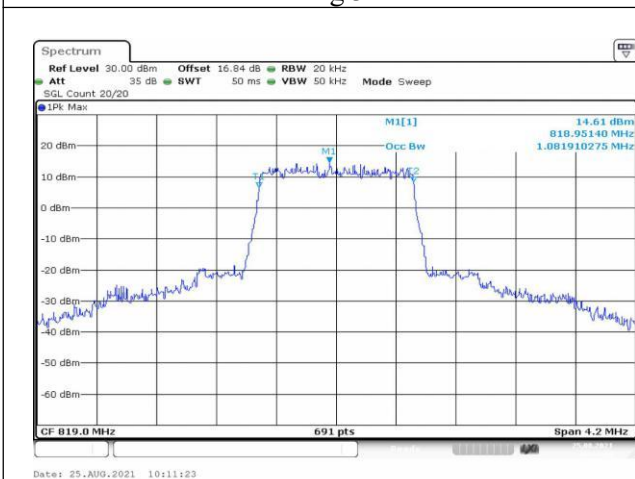


Fig.5

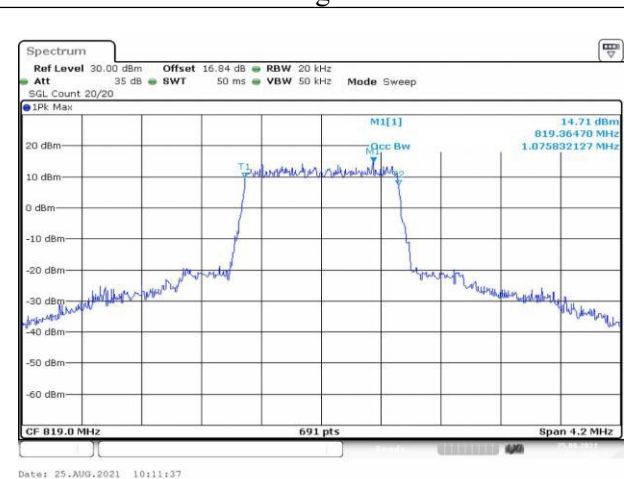


Fig.6

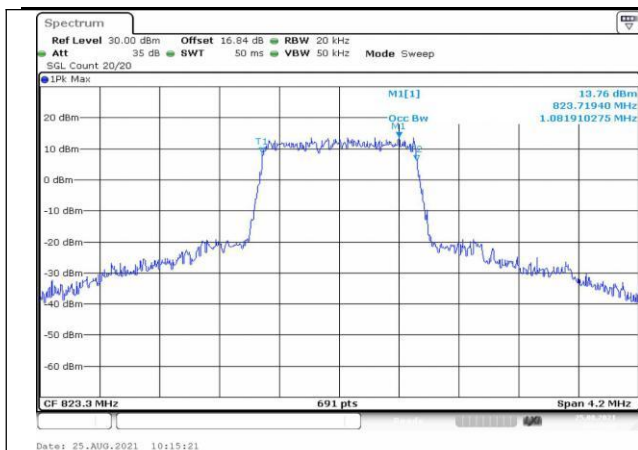


Fig.7

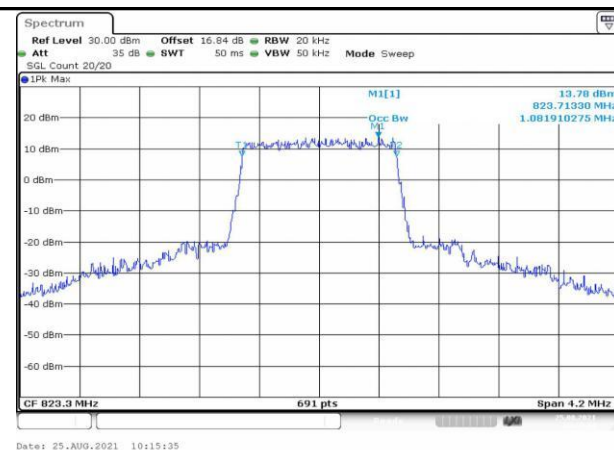


Fig.8

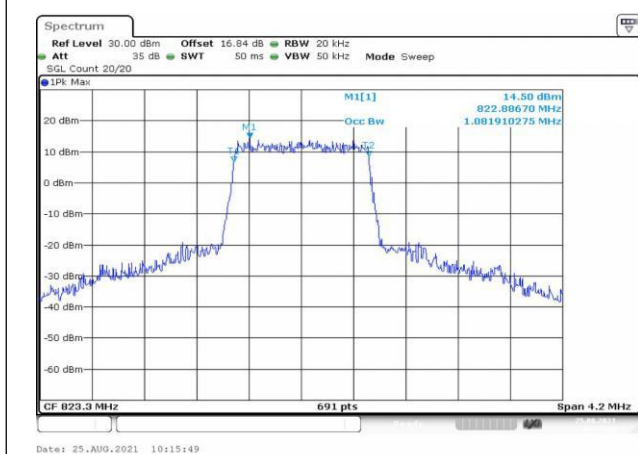


Fig.9

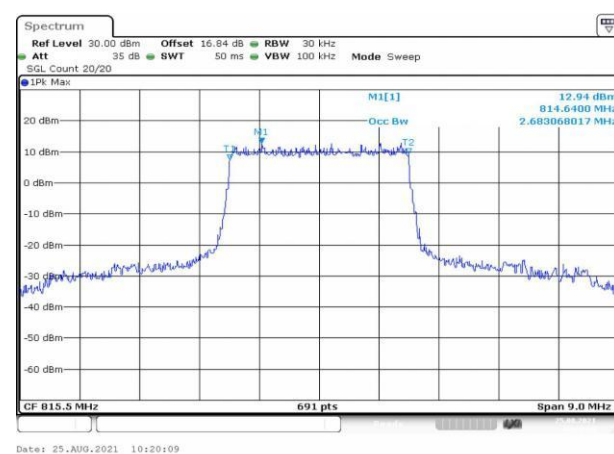


Fig.10

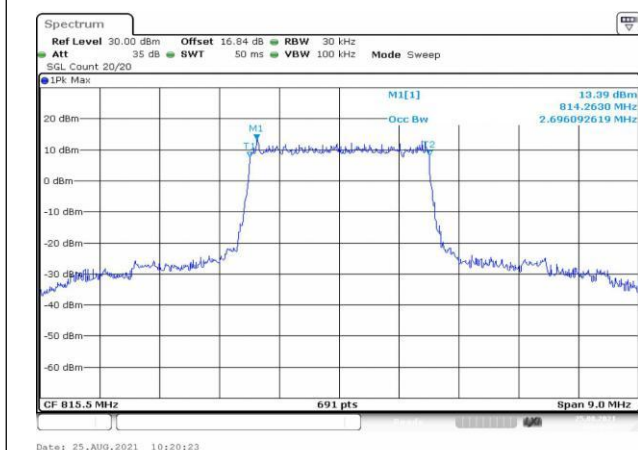


Fig.11

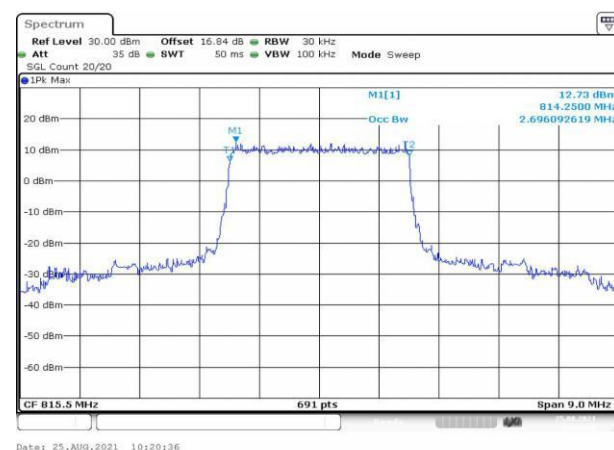
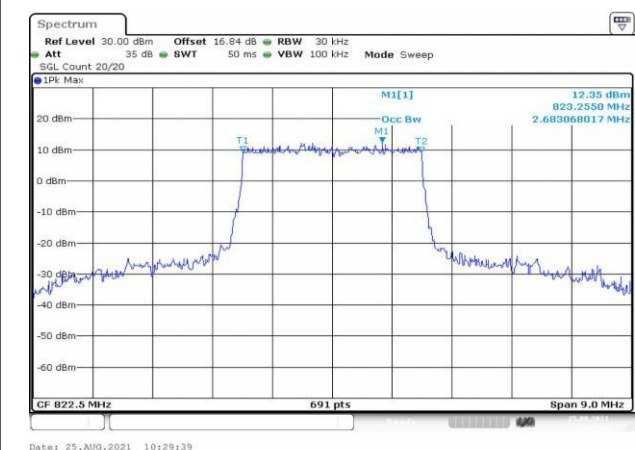
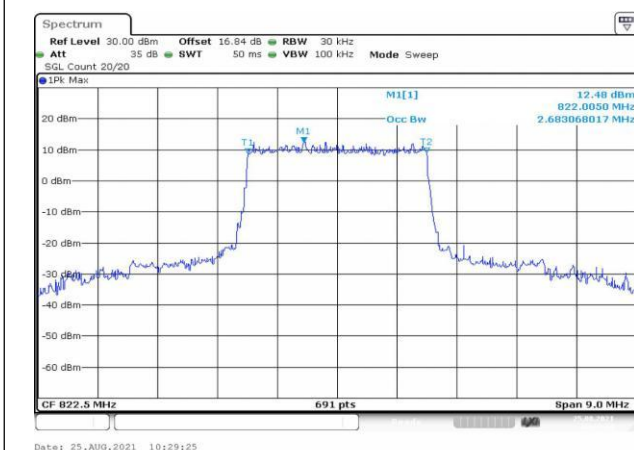
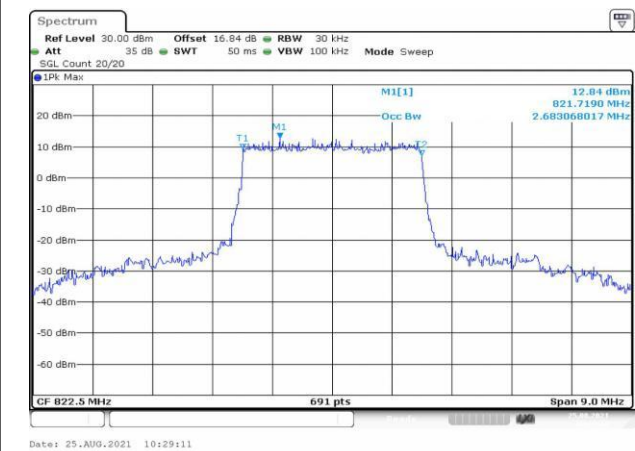
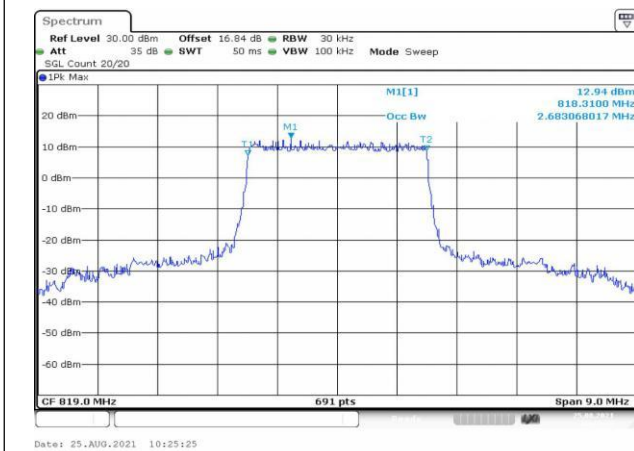
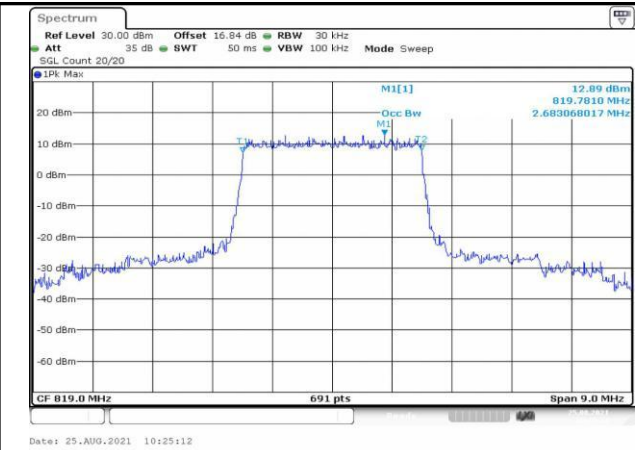
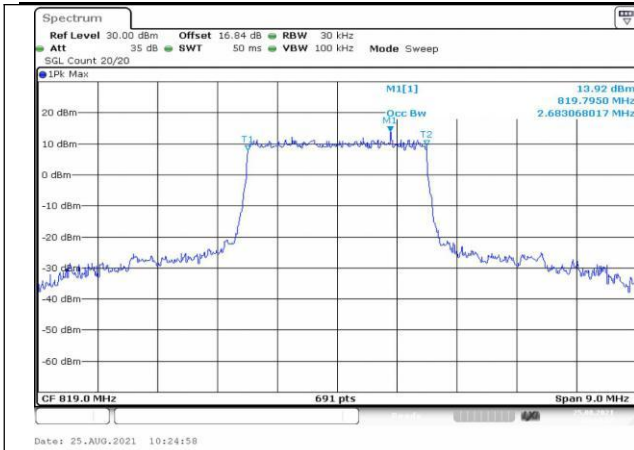
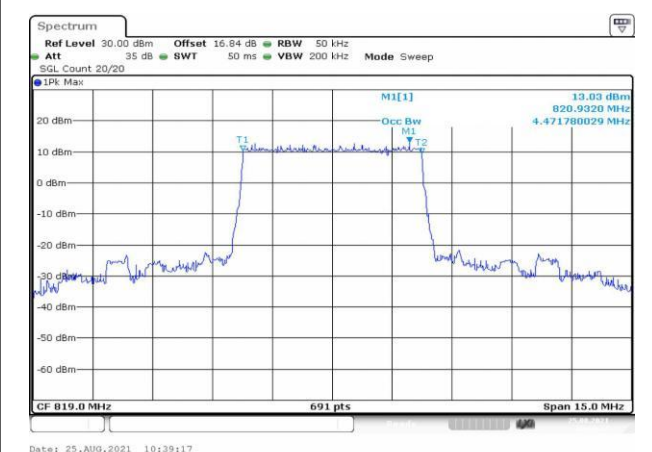
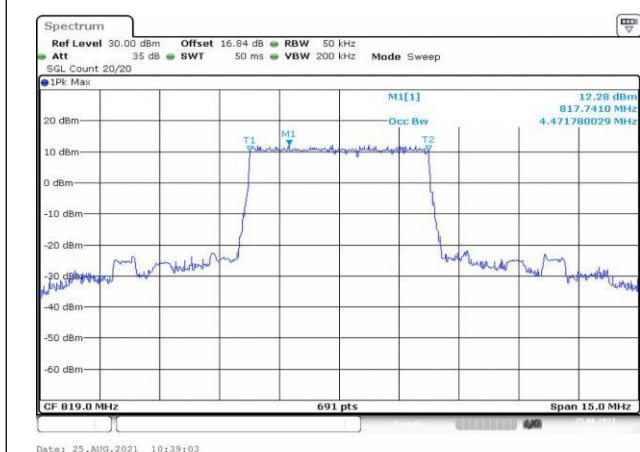
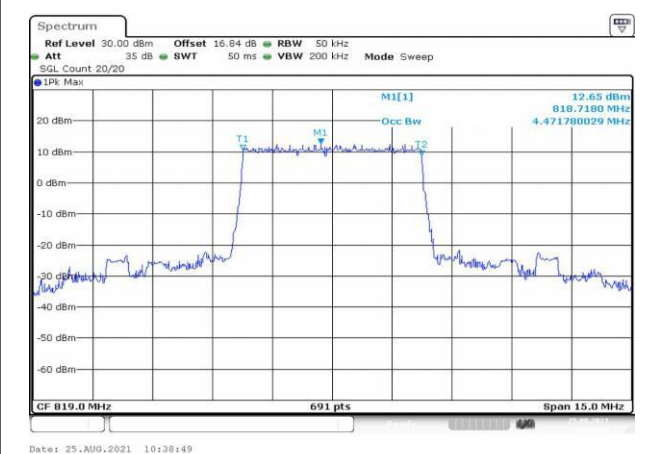
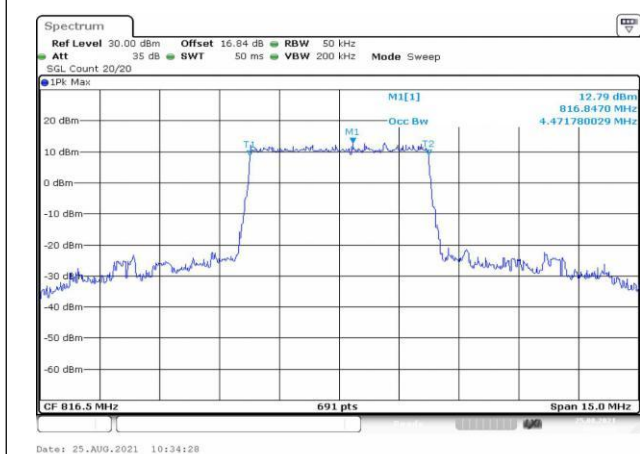
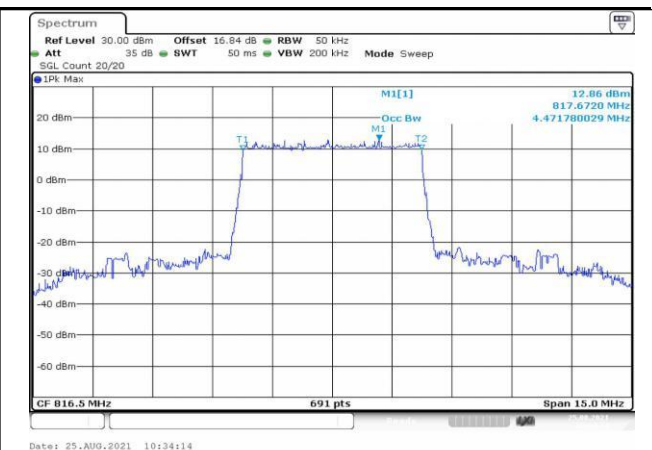
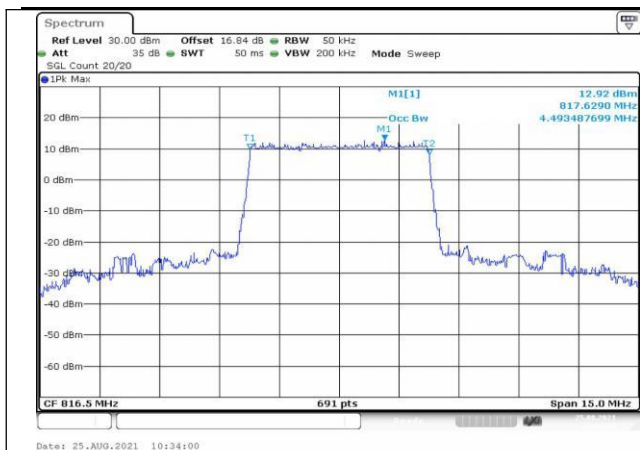
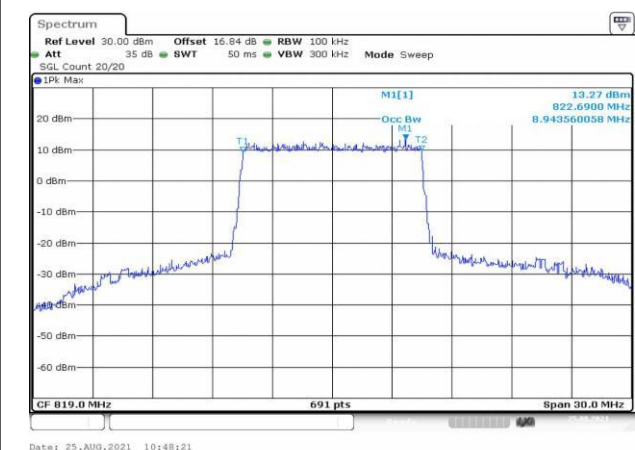
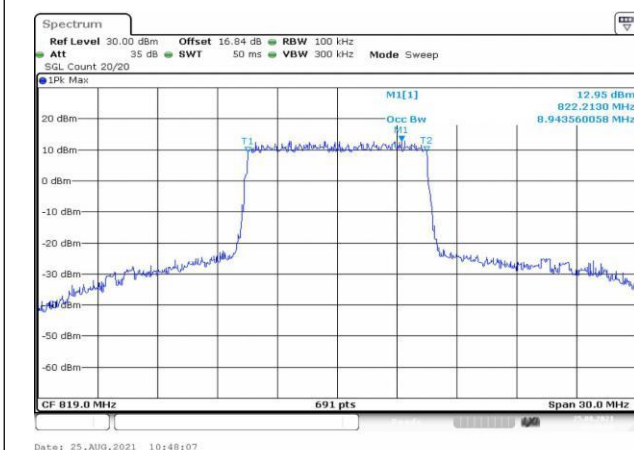
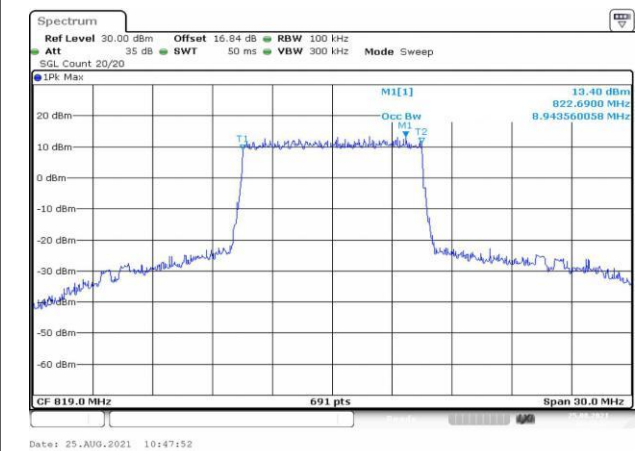
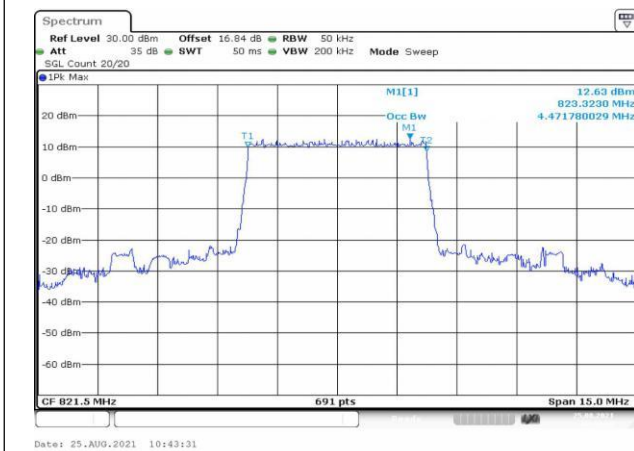
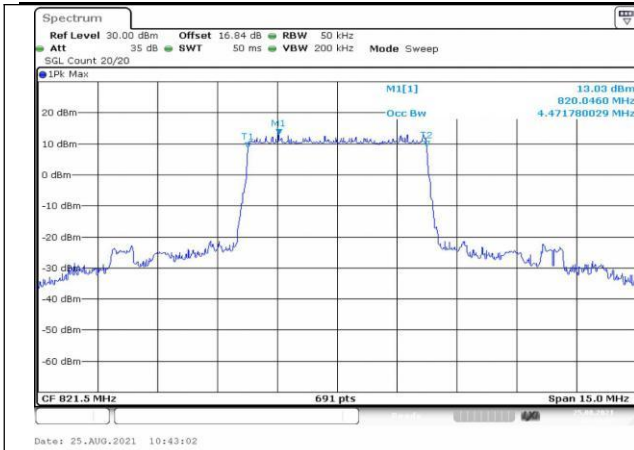


Fig.12







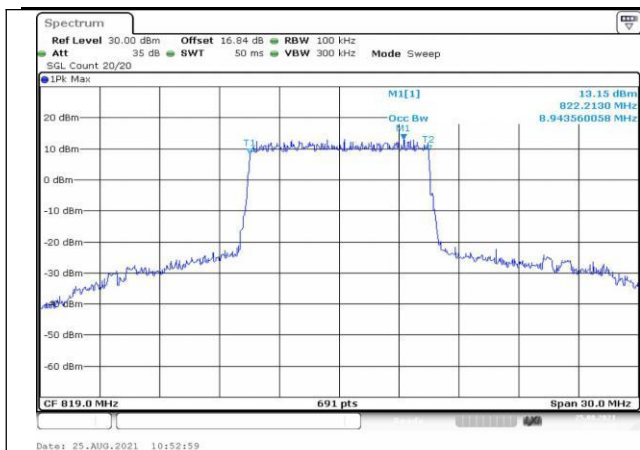


Fig.31

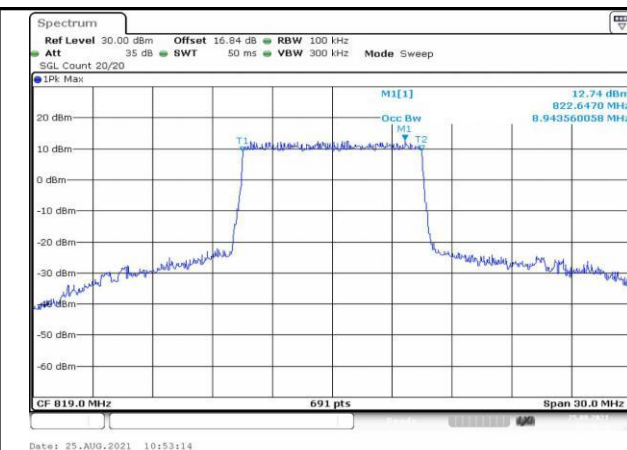


Fig.32

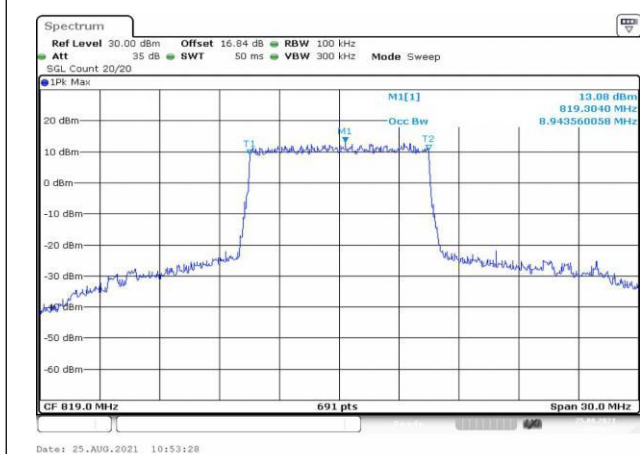


Fig.33

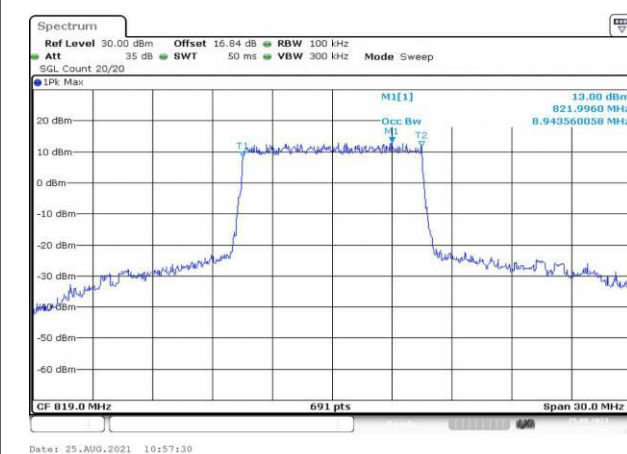


Fig.34

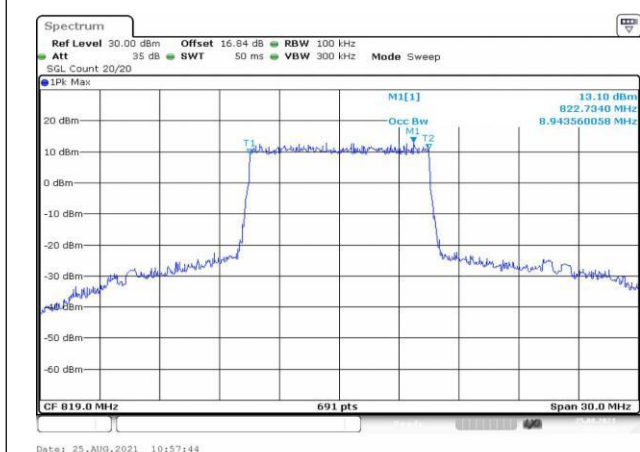


Fig.35

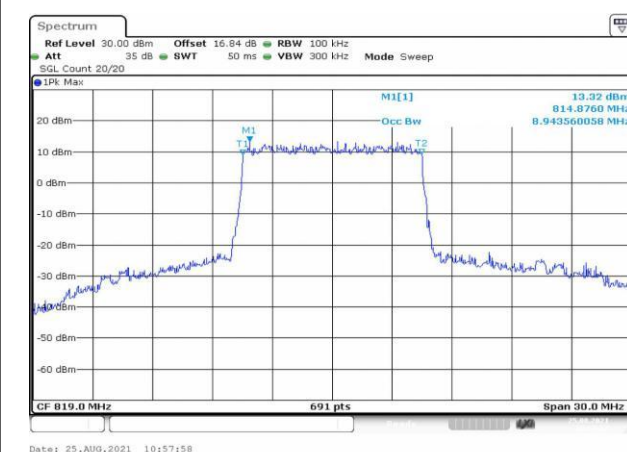


Fig.36

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	
26	814.7	26697	1.4	6	0	1.222	Fig.1	1.222	Fig.2	1.210	Fig.3
	819	26740		6	0	1.216	Fig.4	1.222	Fig.5	1.216	Fig.6
	823.3	26783		6	0	1.216	Fig.7	1.216	Fig.8	1.210	Fig.9
	815.5	26705	3	15	0	2.904	Fig.10	2.944	Fig.11	2.931	Fig.12
	819	26740		15	0	2.918	Fig.13	2.931	Fig.14	2.944	Fig.15
	822.5	26775		15	0	2.931	Fig.16	2.944	Fig.17	2.944	Fig.18
	816.5	26715	5	25	0	4.863	Fig.19	4.841	Fig.20	4.863	Fig.21
	819	26740		25	0	4.819	Fig.22	4.884	Fig.23	4.819	Fig.24
	821.5	26765		25	0	4.884	Fig.25	4.863	Fig.26	4.884	Fig.27
	819	26740	10	50	0	9.551	Fig.28	9.595	Fig.29	9.595	Fig.30
	819	26740		50	0	9.638	Fig.31	9.682	Fig.32	9.551	Fig.33
	819	26740		50	0	9.638	Fig.34	9.551	Fig.35	9.595	Fig.36

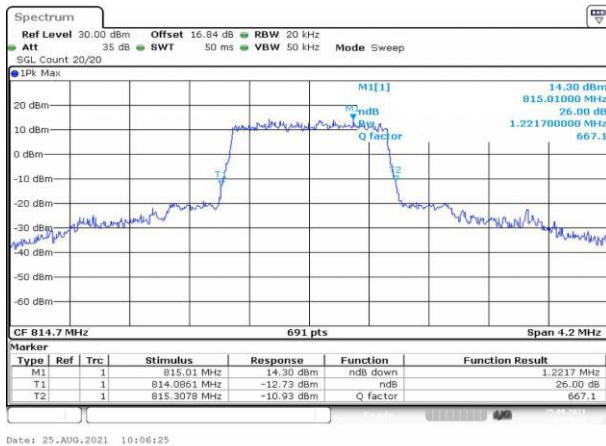


Fig.1

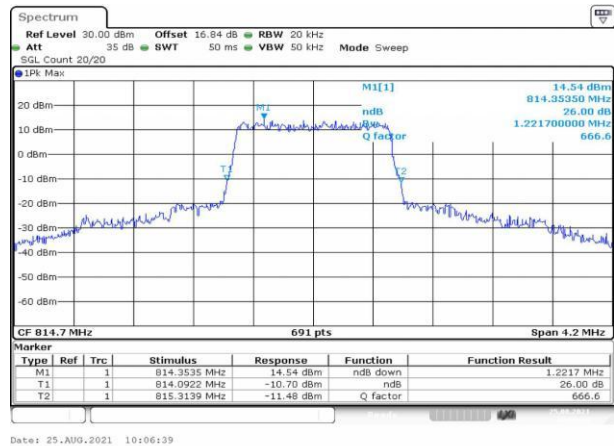


Fig.2

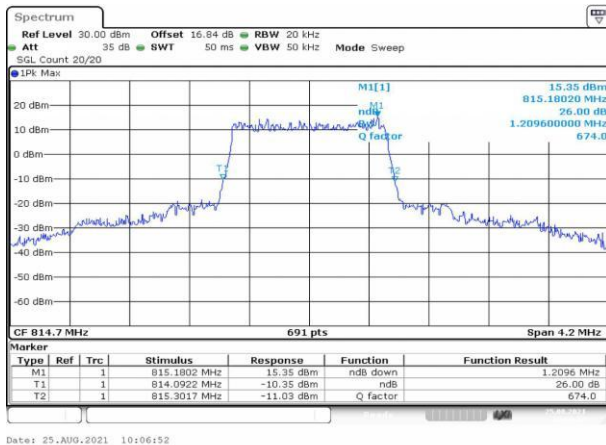


Fig.3

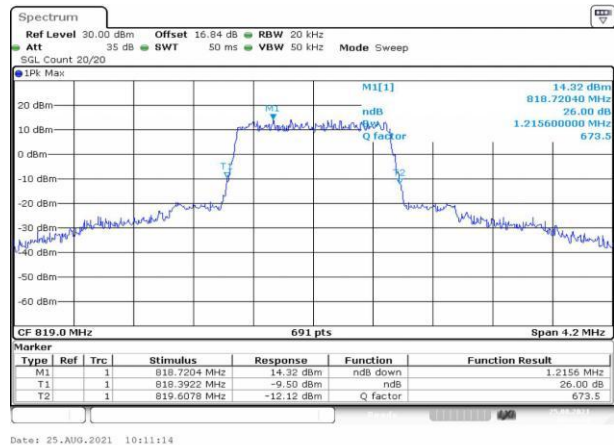


Fig.4

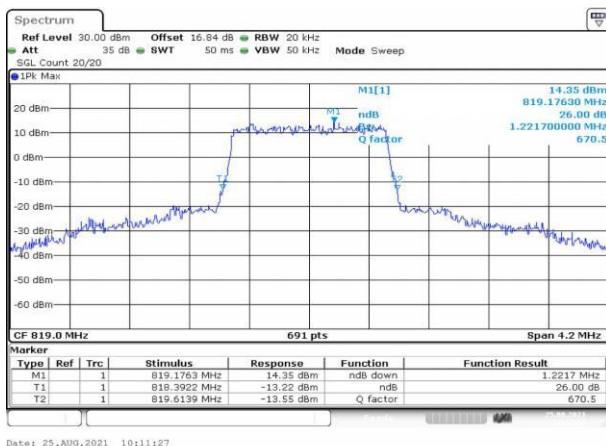


Fig.5

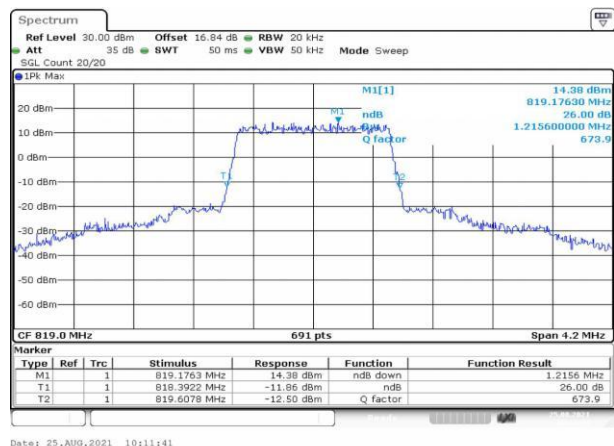


Fig.6

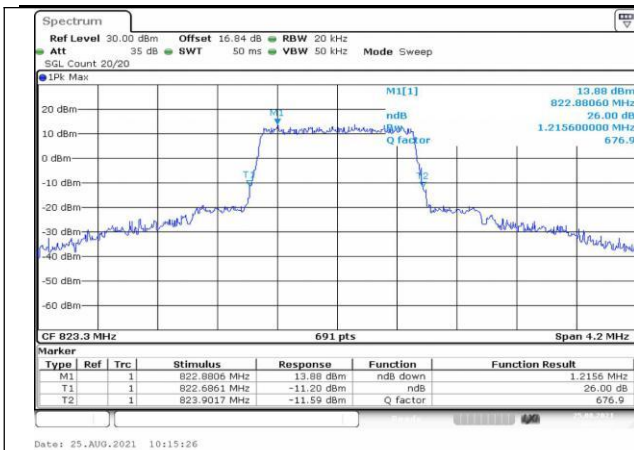


Fig.7

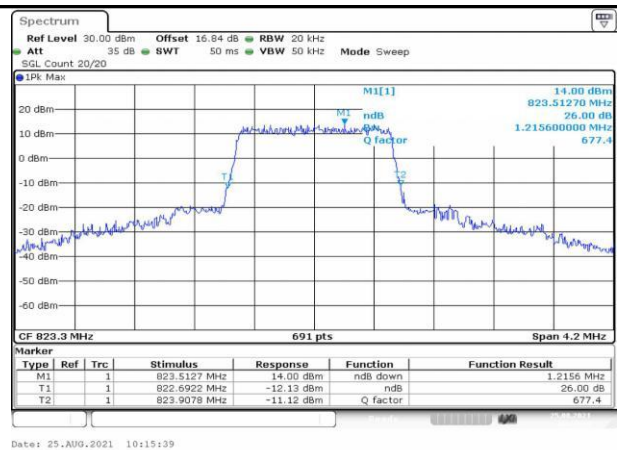


Fig.8

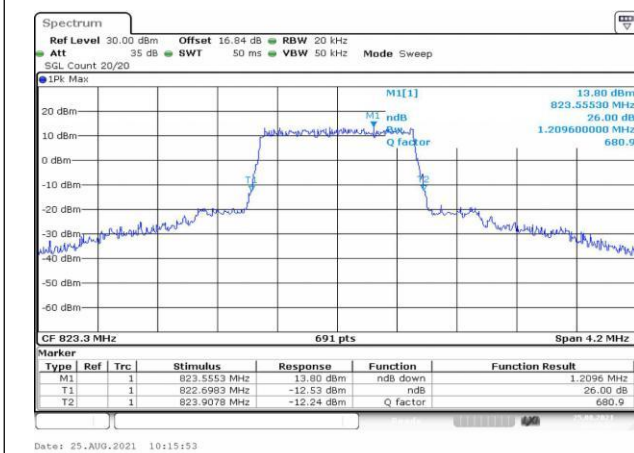


Fig.9

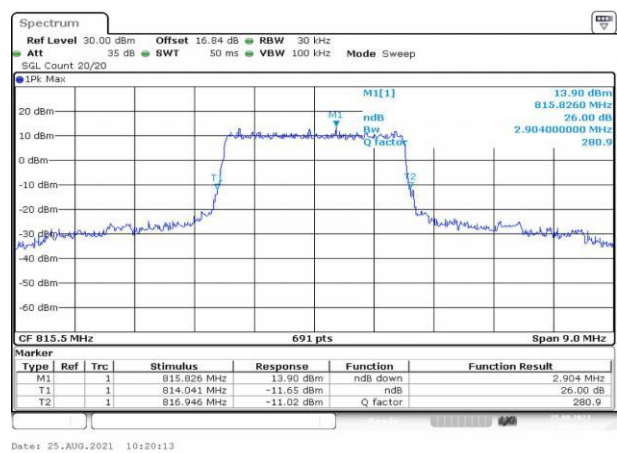


Fig.10

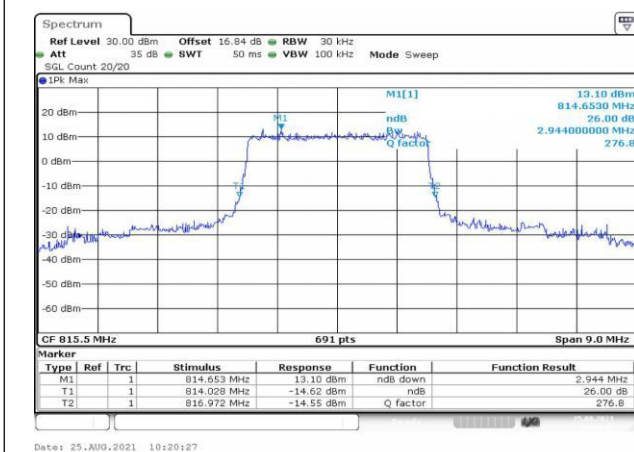


Fig.11

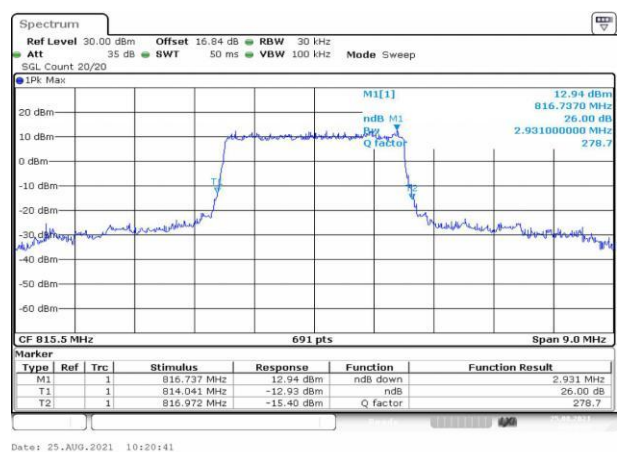


Fig.12

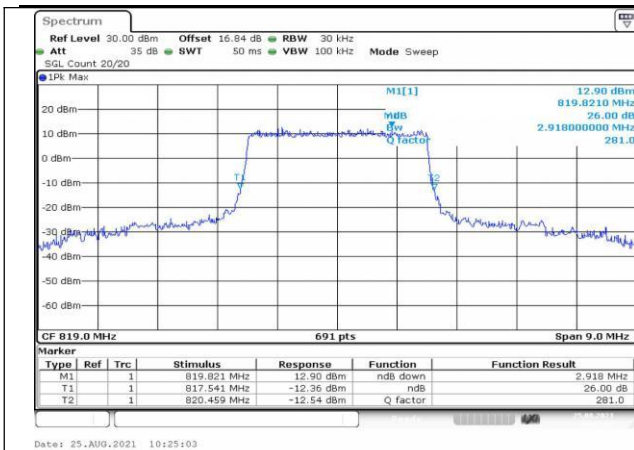


Fig.13

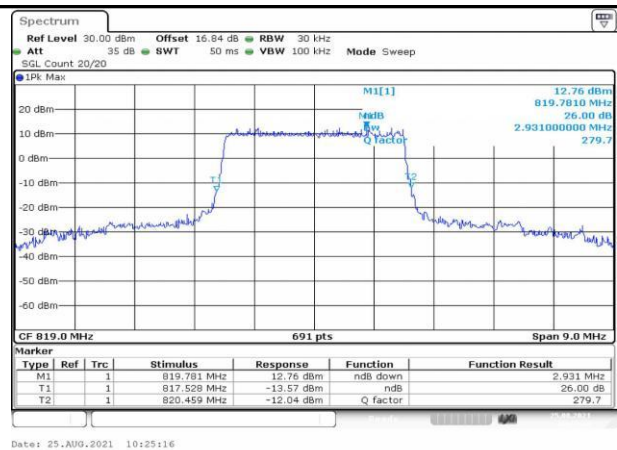


Fig.14

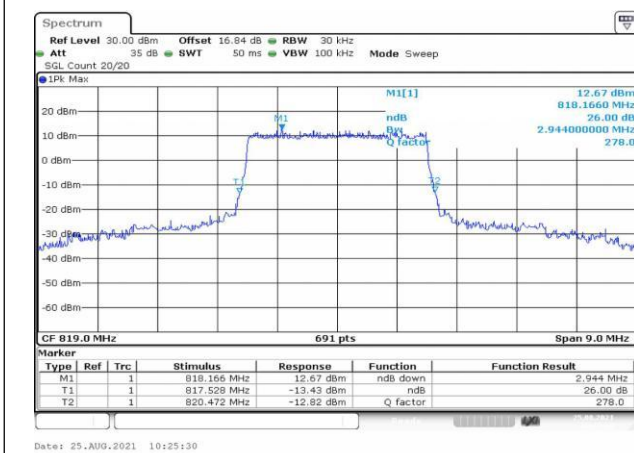


Fig.15

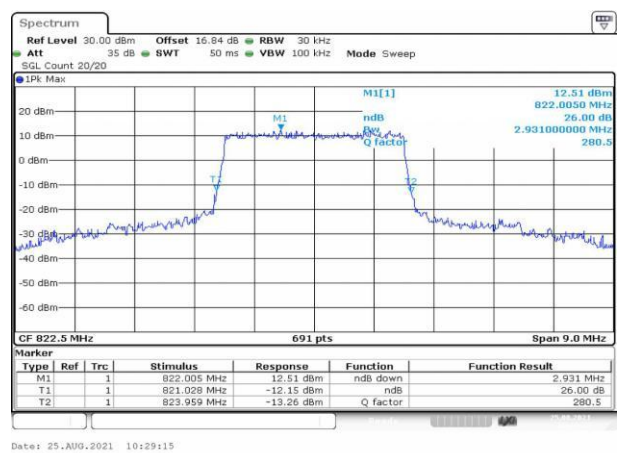


Fig.16

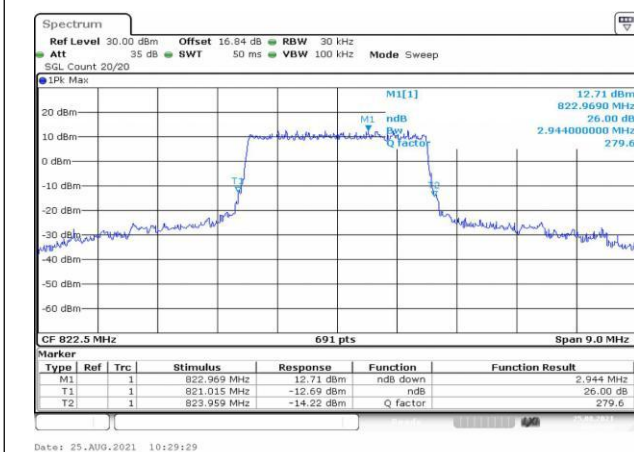


Fig.17

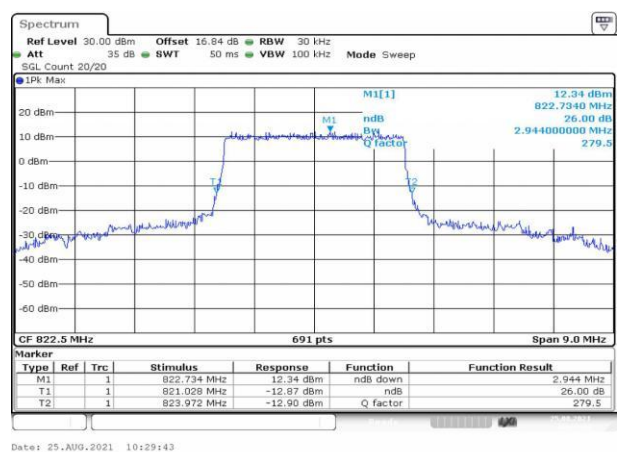


Fig.18

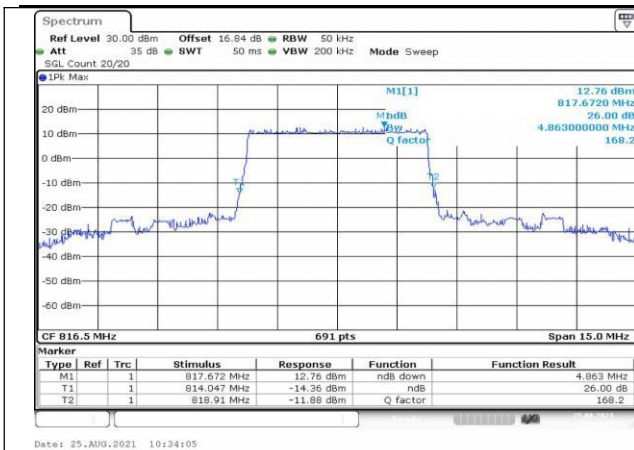


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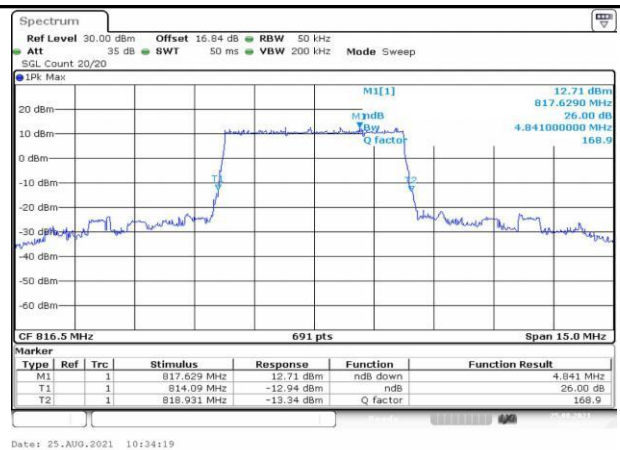


Fig.20

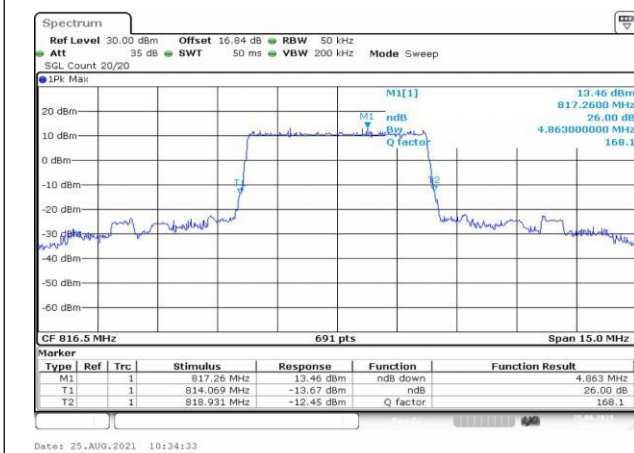


Fig.21

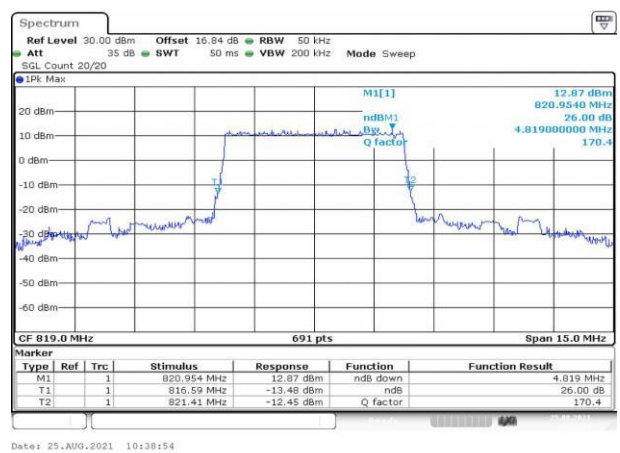


Fig.22

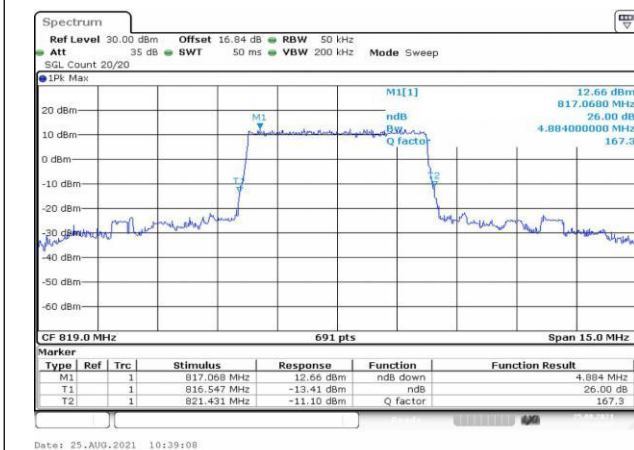


Fig.23

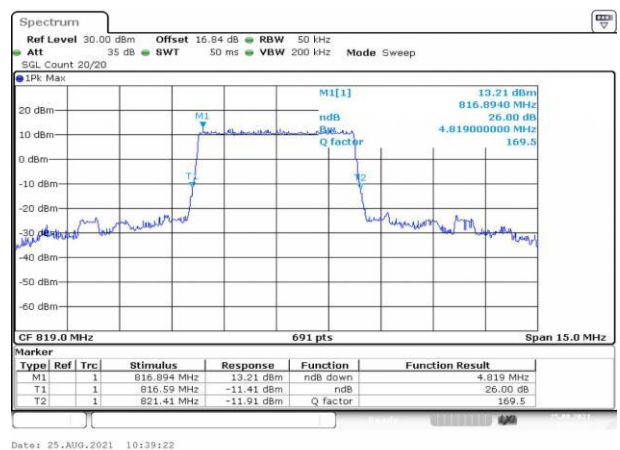


Fig.24

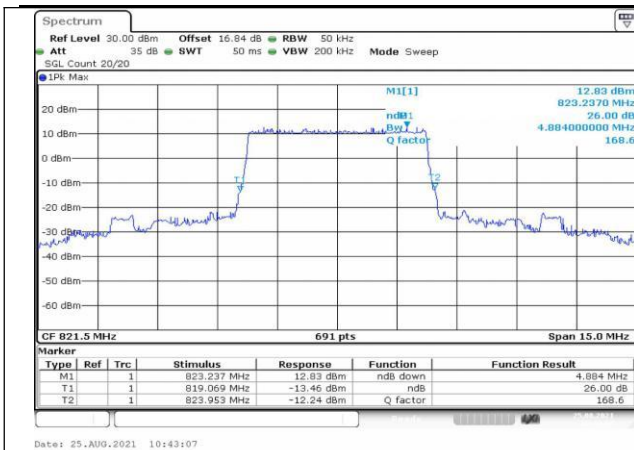


Fig.25

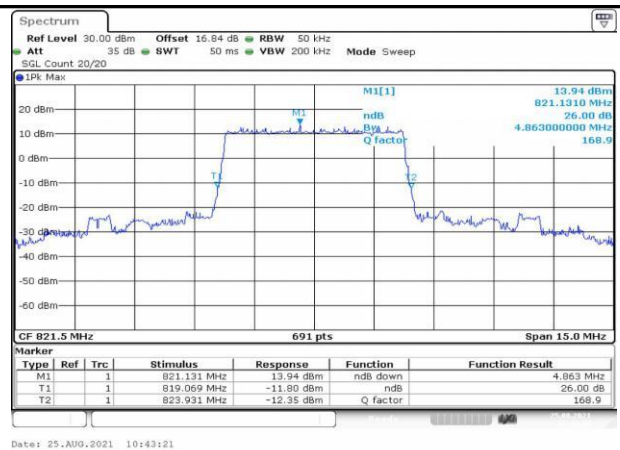


Fig.26

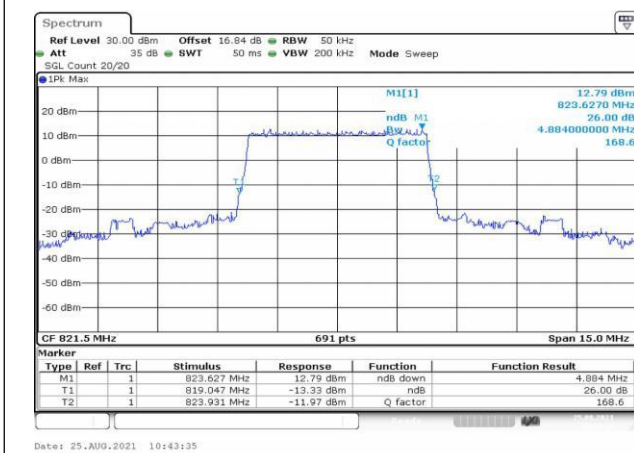


Fig.27

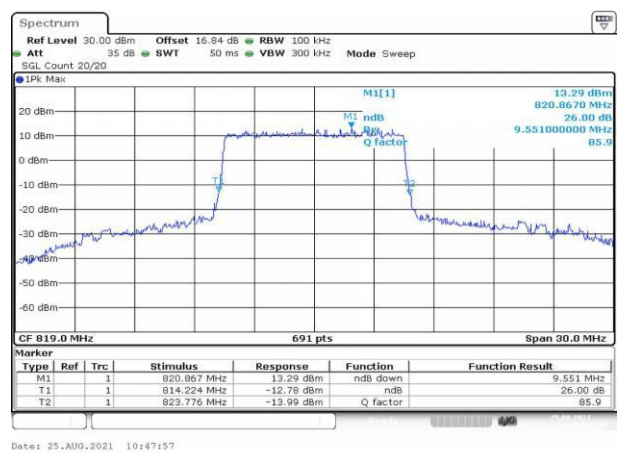


Fig.28

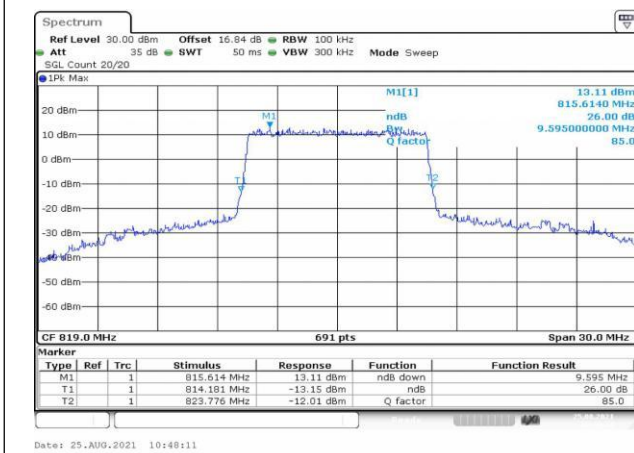


Fig.29

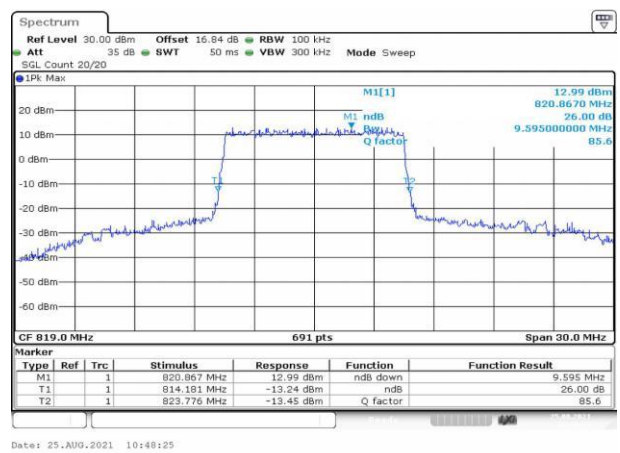


Fig.30

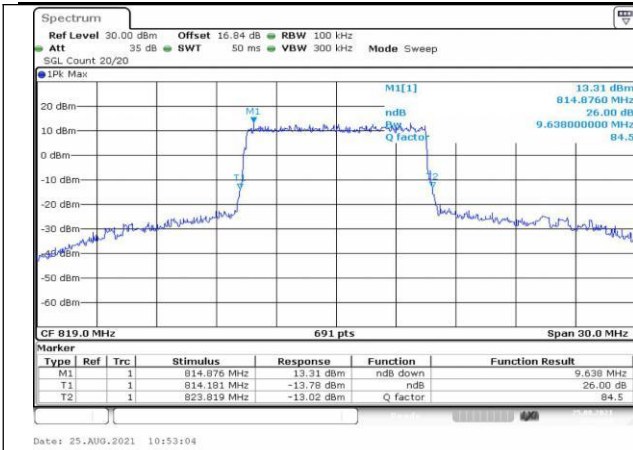


Fig.31

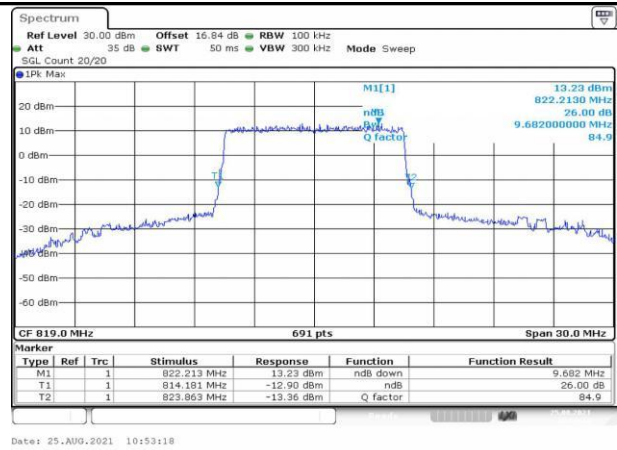


Fig.32

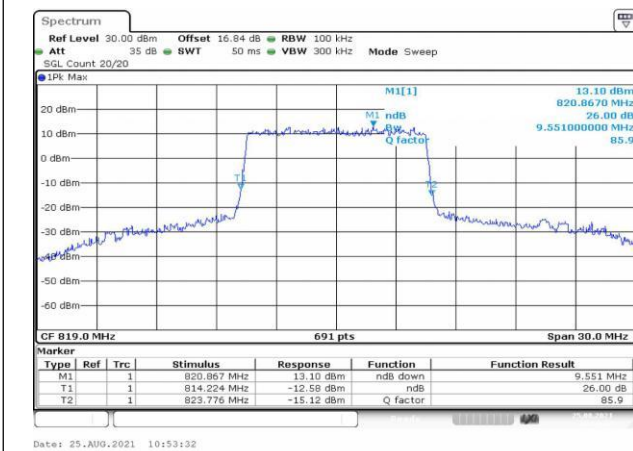


Fig.33

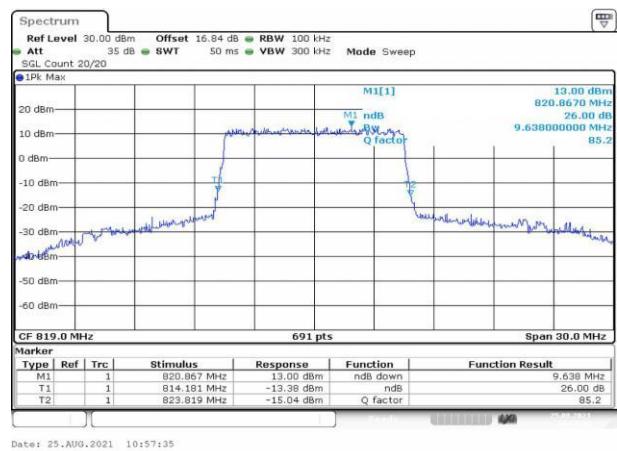


Fig.34

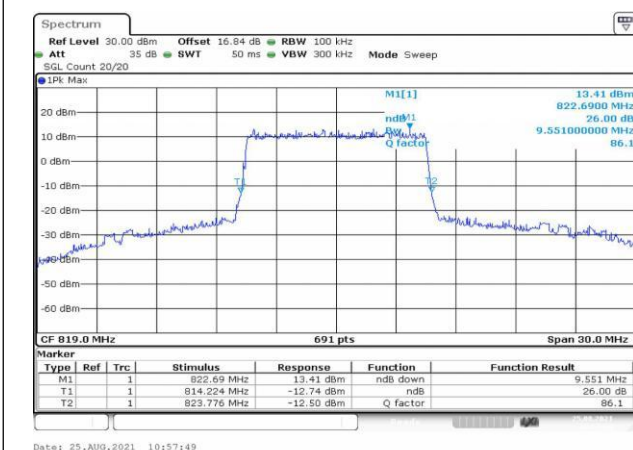


Fig.35

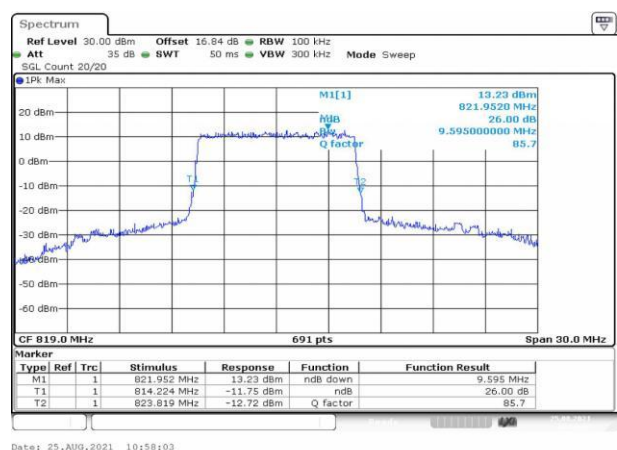


Fig.36

4 Peak-Average Ratio

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	QPSK	16-QAM	64-QAM
26	814.7	26697	1.4	1	5	Fig.1	Fig.2	Fig.3
	814.7	26697		6	0	Fig.4	Fig.5	Fig.6
	819	26740		1	5	Fig.7	Fig.8	Fig.9
	819	26740		6	0	Fig.10	Fig.11	Fig.12
	823.3	26783		1	5	Fig.13	Fig.14	Fig.15
	823.3	26783		6	0	Fig.16	Fig.17	Fig.18
	815.5	26705	3	1	14	Fig.19	Fig.20	Fig.21
	815.5	26705		15	0	Fig.22	Fig.23	Fig.24
	819	26740		1	14	Fig.25	Fig.26	Fig.27
	819	26740		15	0	Fig.28	Fig.29	Fig.30
	822.5	26775		1	14	Fig.31	Fig.32	Fig.33
	822.5	26775		15	0	Fig.34	Fig.35	Fig.36
	816.5	26715	5	1	24	Fig.37	Fig.38	Fig.39
	816.5	26715		25	0	Fig.40	Fig.41	Fig.42
	819	26740		1	24	Fig.43	Fig.44	Fig.45
	819	26740		25	0	Fig.46	Fig.47	Fig.48
	821.5	26765		1	24	Fig.49	Fig.50	Fig.51
	821.5	26765		25	0	Fig.52	Fig.53	Fig.54
	819	26740	10	1	49	Fig.55	Fig.56	Fig.57
	819	26740		50	0	Fig.58	Fig.59	Fig.60
	819	26740		1	49	Fig.61	Fig.62	Fig.63
	819	26740		50	0	Fig.64	Fig.65	Fig.66
	819	26740		1	49	Fig.67	Fig.68	Fig.69
	819	26740		50	0	Fig.70	Fig.71	Fig.72

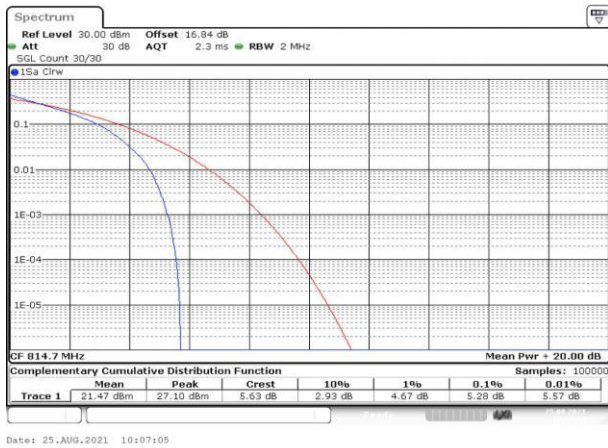


Fig.1

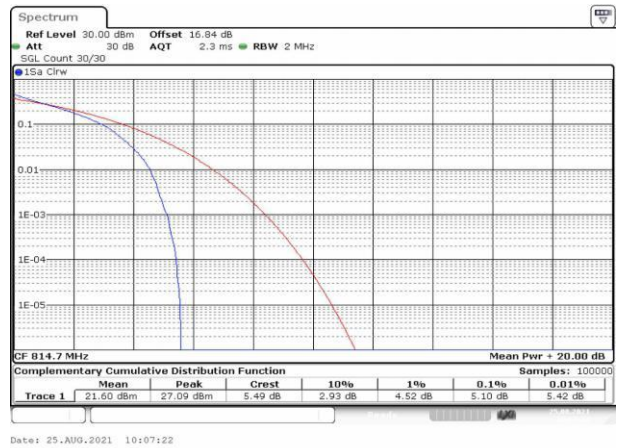


Fig.2

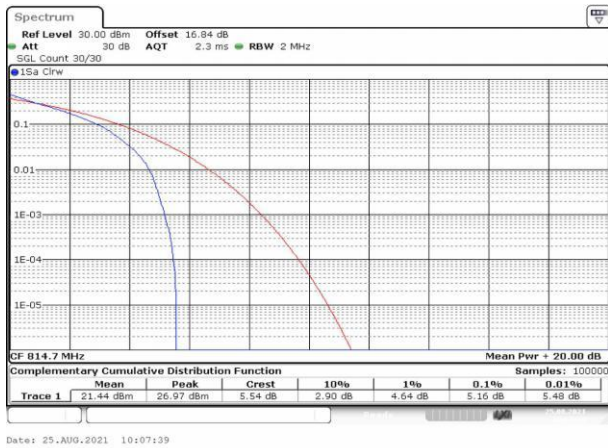


Fig.3

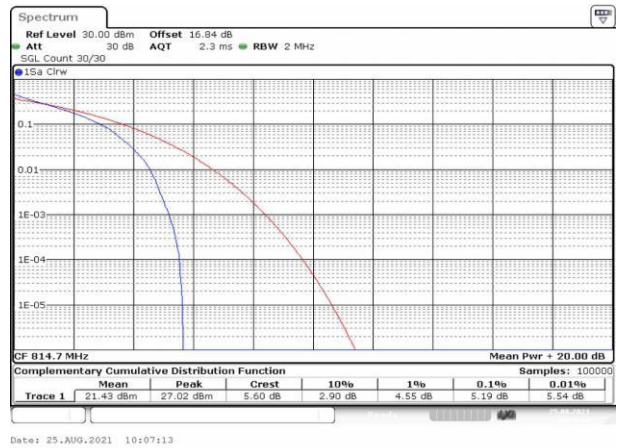


Fig.4

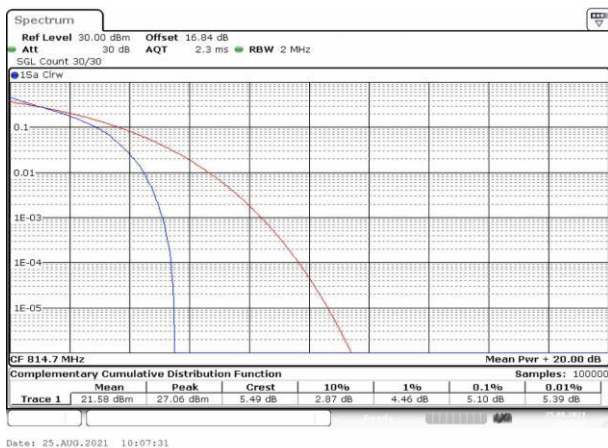


Fig.5

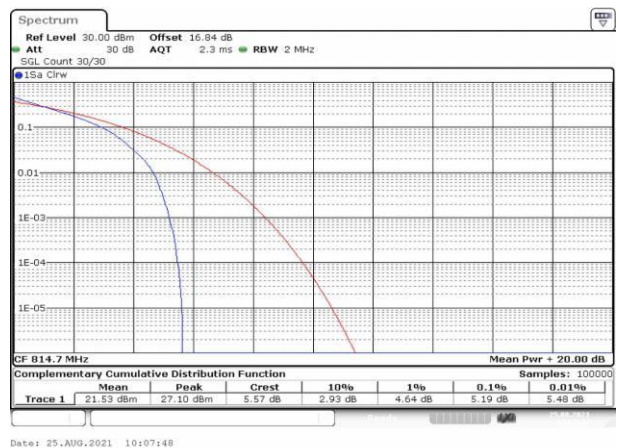


Fig.6

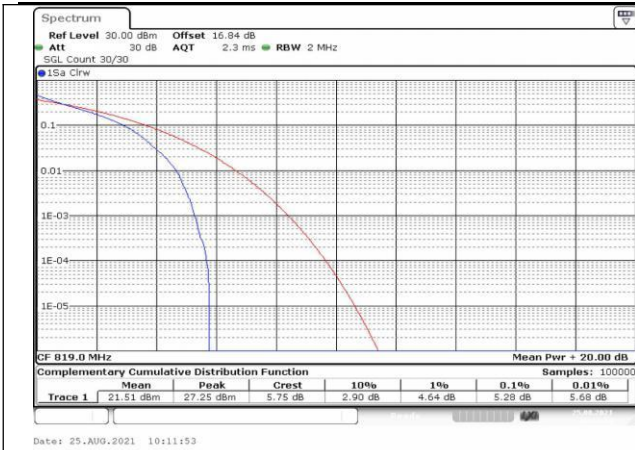


Fig.7

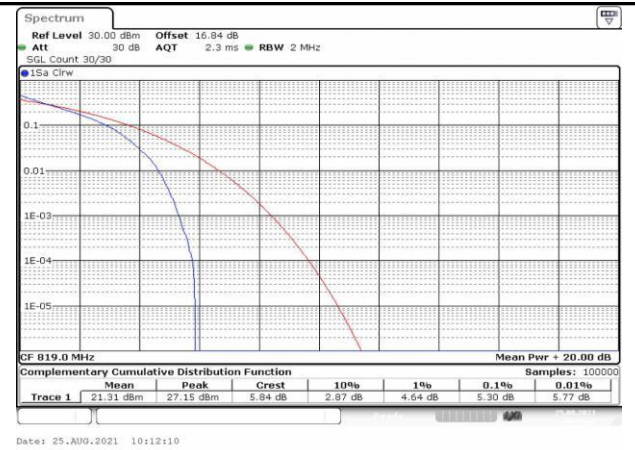


Fig.8

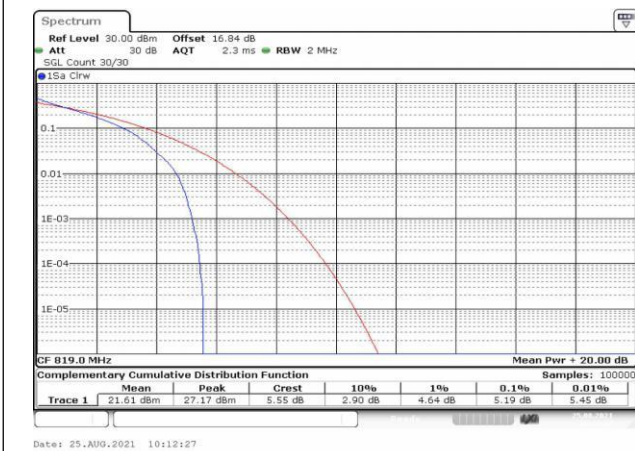


Fig.9

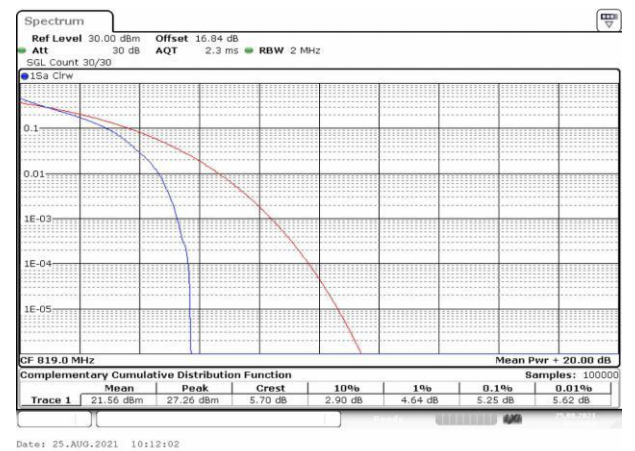


Fig.10

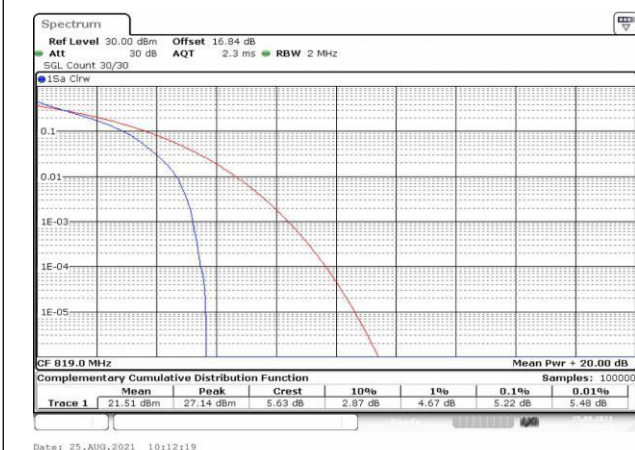


Fig.11

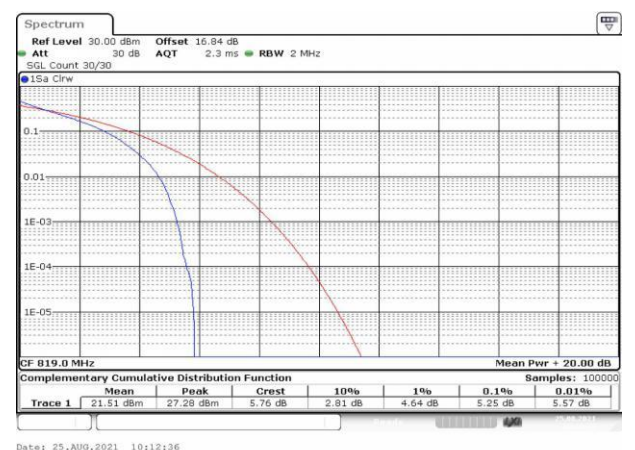


Fig.12

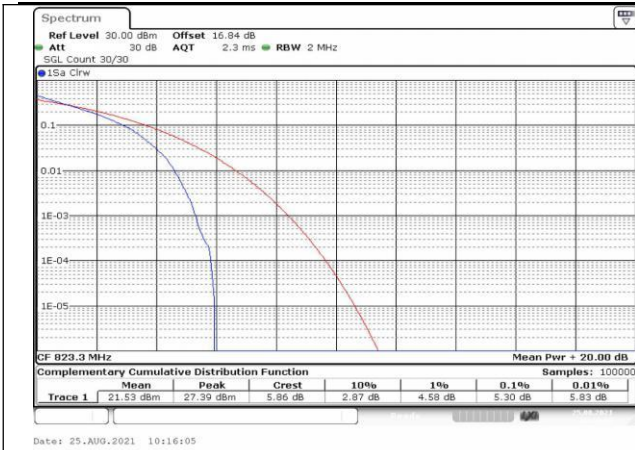


Fig.13

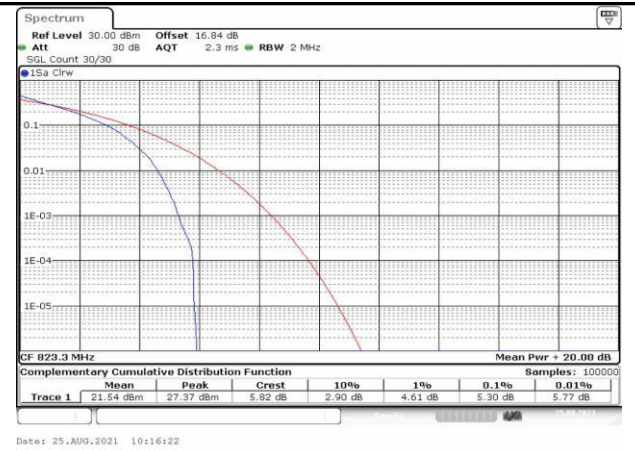


Fig.14

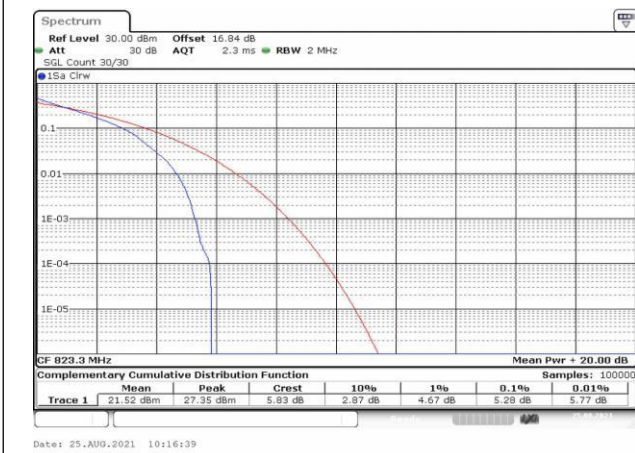


Fig.15

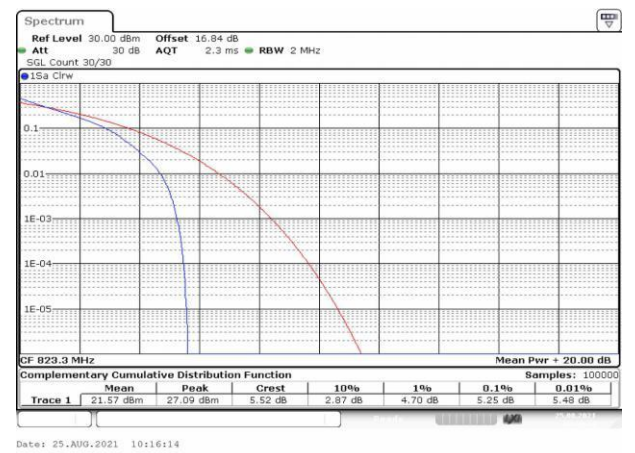


Fig.16

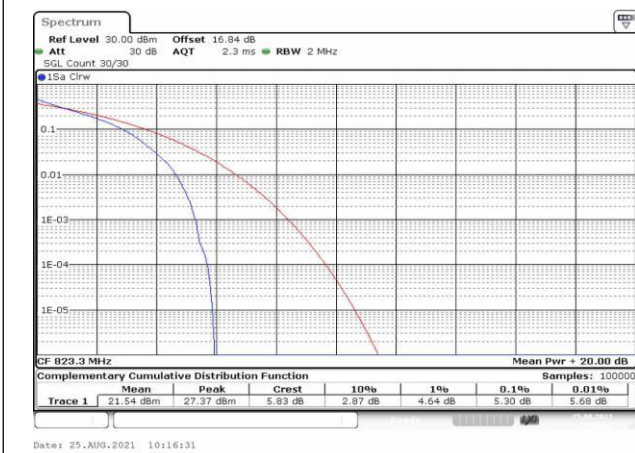


Fig.17

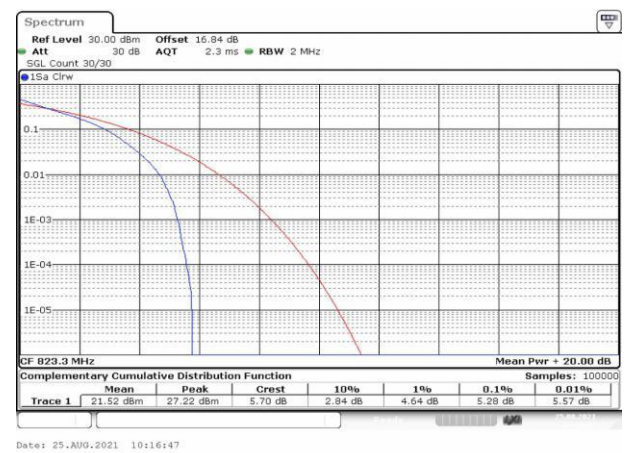


Fig.18