

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 26(814-824)

1 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	23.10	
				1	3	23.05	
				1	5	23.09	
				3	0	23.03	
				3	1	23.11	
				3	3	23.08	
				6	0	22.53	
	819	26740		1	0	23.22	
				1	3	23.17	
				1	5	23.28	
				3	0	23.30	
				3	1	23.17	
				3	3	23.32	
				6	0	22.83	
	823.3	26783		1	0	23.24	
				1	3	23.22	
				1	5	23.21	
				3	0	23.14	
				3	1	23.21	
				3	3	23.20	
				6	0	22.62	
	16QAM	814.7		26697	1	0	22.94
					1	3	22.96
					1	5	22.95
3			0		22.65		
3			1		22.60		
3			3		22.71		
6			0		21.82		
819		26740	1	0	22.72		
			1	3	22.78		
			1	5	22.77		
			3	0	22.80		
			3	1	22.69		
			3	3	22.69		
			6	0	21.92		
823.3		26783	1	0	22.26		
			1	3	22.27		
			1	5	22.55		
			3	0	22.90		
			3	1	22.95		
			3	3	22.94		
			6	0	22.11		

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	814.7	26697	1.4	1	0	21.87
				1	3	21.92
				1	5	21.85
				3	0	22.01
				3	1	22.01
				3	3	21.95
				6	0	22.05
	819	26740		1	0	21.92
				1	3	22.03
				1	5	21.92
				3	0	22.07
				3	1	22.07
				3	3	22.07
				6	0	22.07
	823.3	26783		1	0	22.05
				1	3	22.05
				1	5	22.04
				3	0	22.05
				3	1	22.05
				3	3	21.86
				6	0	22.04

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	815.5	26705	3	1	0	22.96
				1	8	23.11
				1	14	23.11
				8	0	22.67
				8	4	22.78
				8	7	22.78
				15	0	22.67
	819	26740		1	0	23.13
				1	8	23.31
				1	14	23.31
				8	0	22.64
				8	4	22.74
				8	7	22.74
				15	0	22.69
	822.5	26775		1	0	23.20
				1	8	23.28
				1	14	23.28
				8	0	22.69
				8	4	22.57
				8	7	22.57
				15	0	22.66
16QAM	815.5	26705	1	0	23.07	
			1	8	23.08	
			1	14	23.08	
			8	0	22.13	
			8	4	22.12	
			8	7	22.13	
			15	0	21.88	
	819	26740	1	0	22.74	
			1	8	22.84	
			1	14	22.67	
			8	0	22.07	
			8	4	22.03	
			8	7	22.03	
			15	0	22.01	
	822.5	26775	1	0	22.29	
			1	8	22.25	
			1	14	22.26	
			8	0	22.03	
			8	4	21.96	
			8	7	21.96	
			15	0	21.87	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	815.5	26705	3	1	0	21.87
				1	8	21.88
				1	14	21.87
				8	0	21.87
				8	4	21.87
				8	7	21.87
				15	0	21.87
	819	26740		1	0	22.04
				1	8	21.87
				1	14	21.90
				8	0	21.90
				8	4	21.91
				8	7	21.93
				15	0	21.94
	822.5	26775		1	0	21.87
				1	8	21.87
				1	14	21.87
				8	0	21.87
				8	4	21.87
				8	7	21.87
				15	0	21.87

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	816.5	26715	5	1	0	23.18
				1	12	23.15
				1	24	23.14
				12	0	22.57
				12	7	22.54
				12	13	22.61
				25	0	22.54
	819	26740		1	0	23.12
				1	12	23.09
				1	24	23.09
				12	0	22.68
				12	7	22.72
				12	13	22.73
				25	0	22.63
	821.5	26765		1	0	23.24
				1	12	23.28
				1	24	23.27
				12	0	22.69
				12	7	22.73
				12	13	22.73
				25	0	22.68
16QAM	816.5	26715	1	0	22.31	
			1	12	22.38	
			1	24	22.40	
			12	0	21.68	
			12	7	21.59	
			12	13	21.86	
			25	0	21.92	
	819	26740	1	0	22.04	
			1	12	22.08	
			1	24	22.09	
			12	0	21.82	
			12	7	21.92	
			12	13	21.81	
			25	0	21.99	
	821.5	26765	1	0	23.01	
			1	12	22.97	
			1	24	22.98	
			12	0	21.80	
			12	7	21.87	
			12	13	21.73	
			25	0	21.82	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	816.5	26715	5	1	0	21.90
				1	12	21.73
				1	24	21.72
				12	0	21.93
				12	7	21.92
				12	13	21.91
				25	0	21.90
	819	26740		1	0	21.98
				1	12	21.98
				1	24	21.98
				12	0	21.98
				12	7	21.98
				12	13	21.98
				25	0	21.97
	821.5	26765		1	0	21.82
				1	12	21.82
				1	24	21.82
				12	0	21.82
				12	7	21.82
				12	13	21.78
				25	0	21.82

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	819	26740	10	1	0	22.92
				1	25	23.02
				1	49	23.02
				25	0	22.68
				25	12	22.63
				25	25	22.63
				50	0	22.79
16QAM				1	0	22.99
				1	25	22.93
				1	49	22.95
				25	0	21.89
				25	12	21.92
				25	25	21.80
				50	0	21.95
64QAM				1	0	21.94
				1	25	21.94
				1	49	21.94
				25	0	21.95
				25	12	21.94
				25	25	21.95
				50	0	21.95

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	1.088	Fig.1	1.088	Fig.2	1.094	Fig.3
	819	26740		6	0	1.088	Fig.4	1.082	Fig.5	1.082	Fig.6
	823.3	26783		6	0	1.082	Fig.7	1.094	Fig.8	1.094	Fig.9
	815.5	26705	3	15	0	2.683	Fig.10	2.683	Fig.11	2.683	Fig.12
	819	26740		15	0	2.696	Fig.13	2.683	Fig.14	2.683	Fig.15
	822.5	26775		15	0	2.696	Fig.16	2.683	Fig.17	2.696	Fig.18
	816.5	26715	5	25	0	4.472	Fig.19	4.493	Fig.20	4.493	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	8.987	Fig.28	8.944	Fig.29	8.944	Fig.30

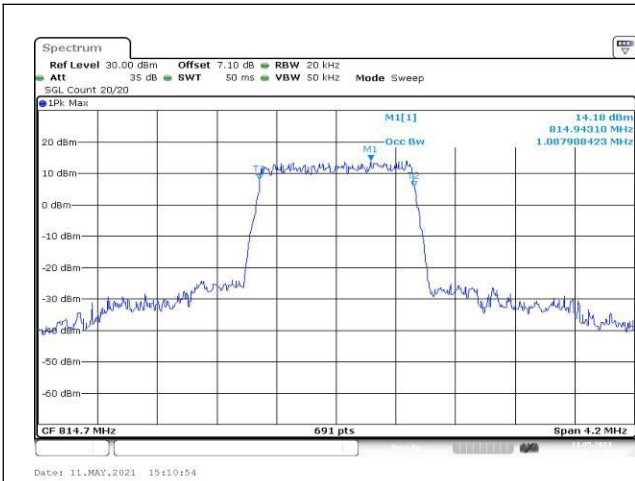


Fig.1

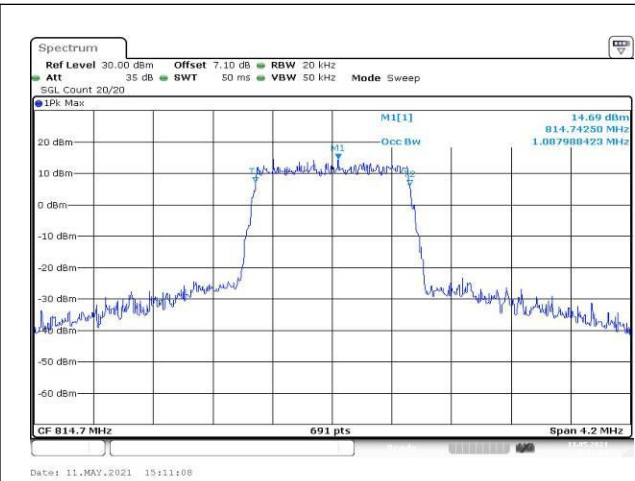


Fig.2

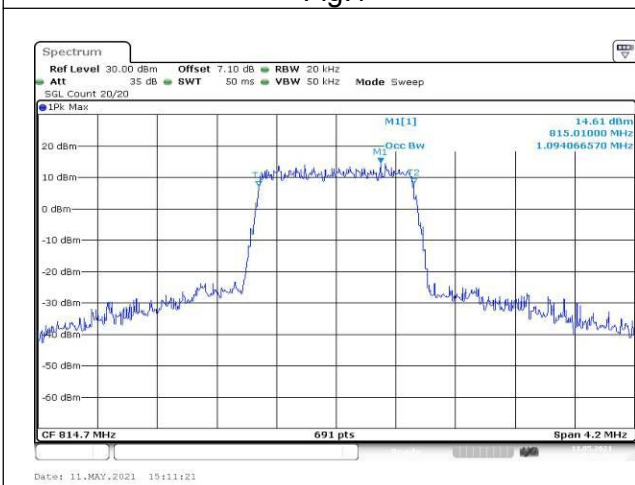


Fig.3

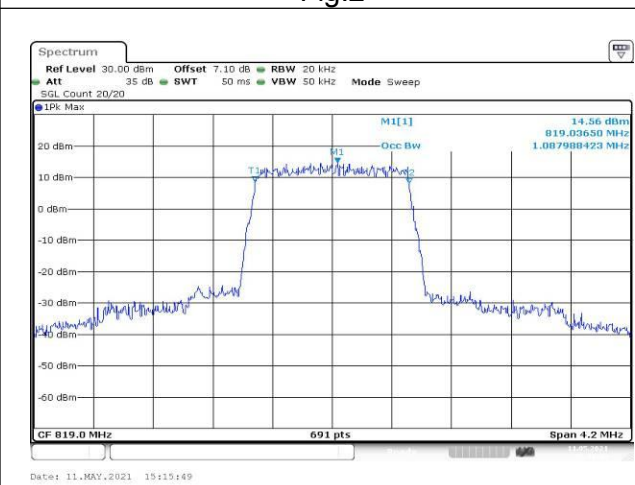


Fig.4

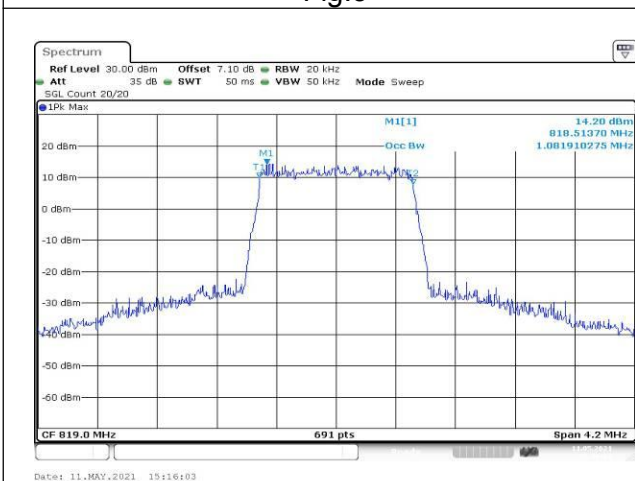


Fig.5

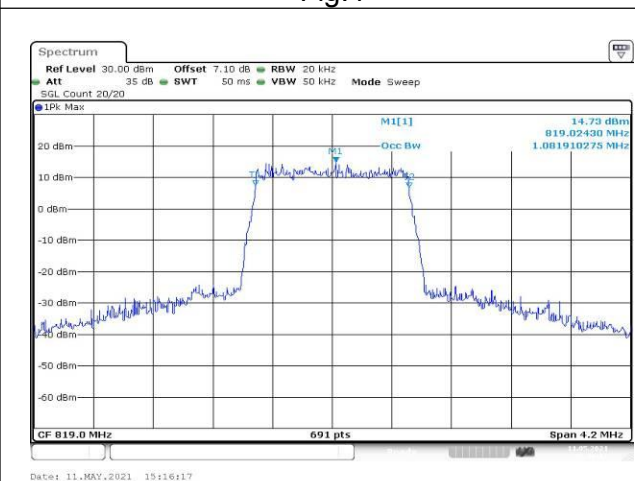
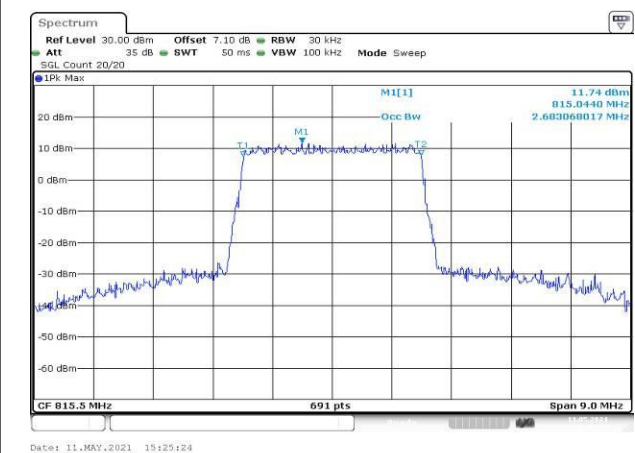
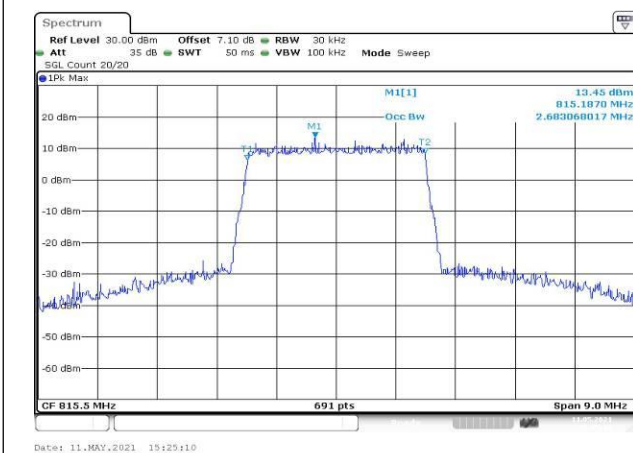
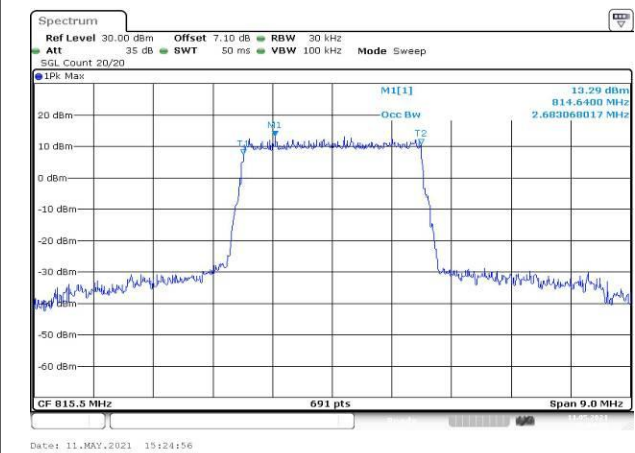
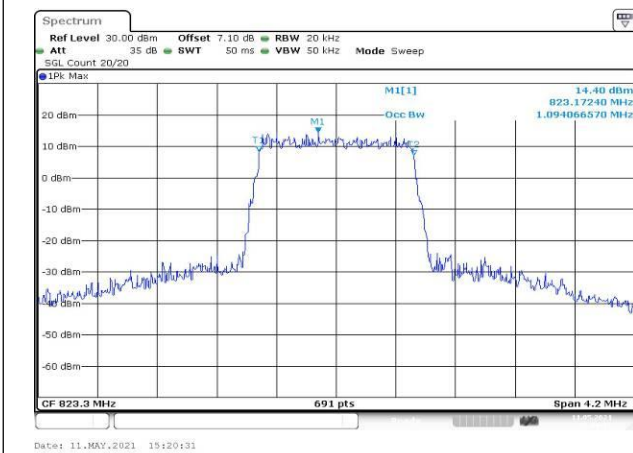
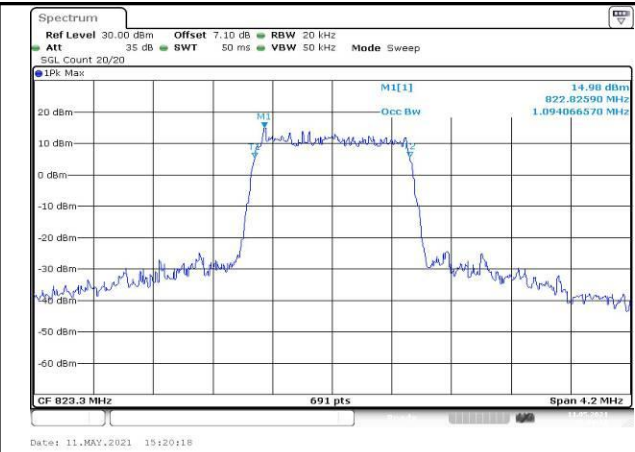
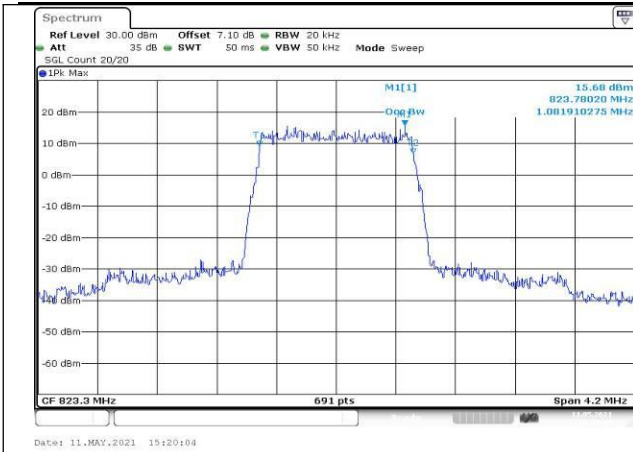
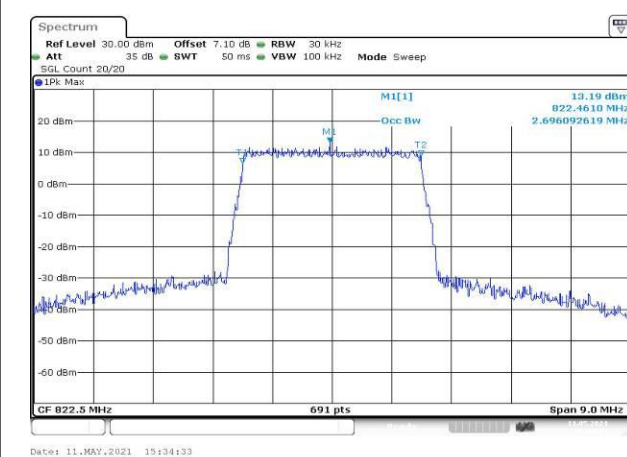
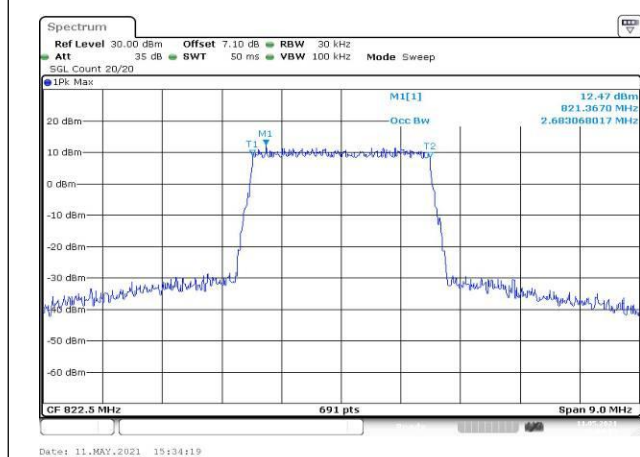
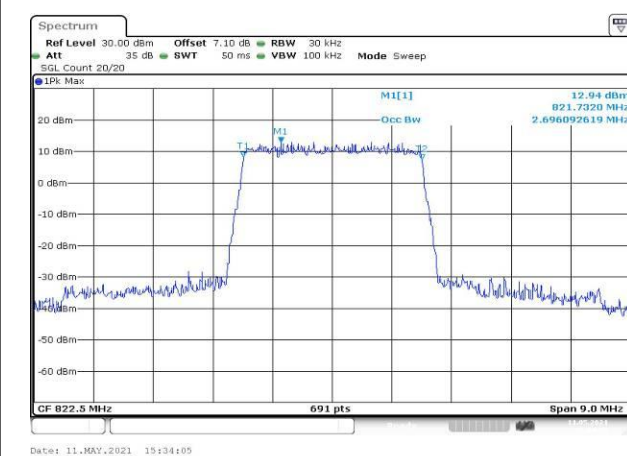
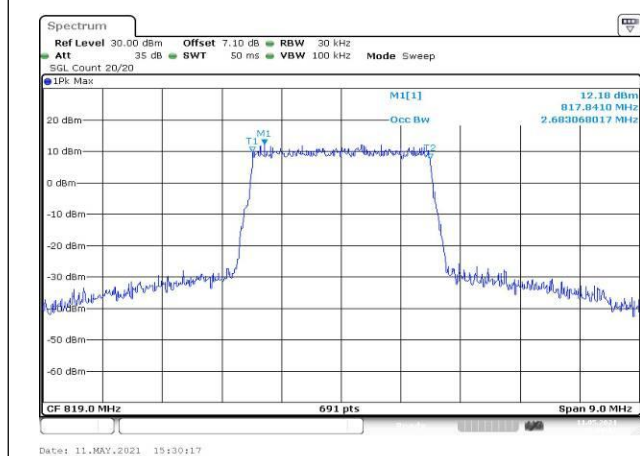
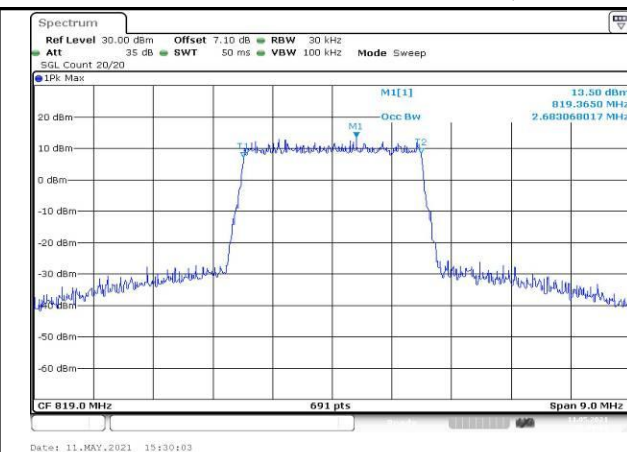
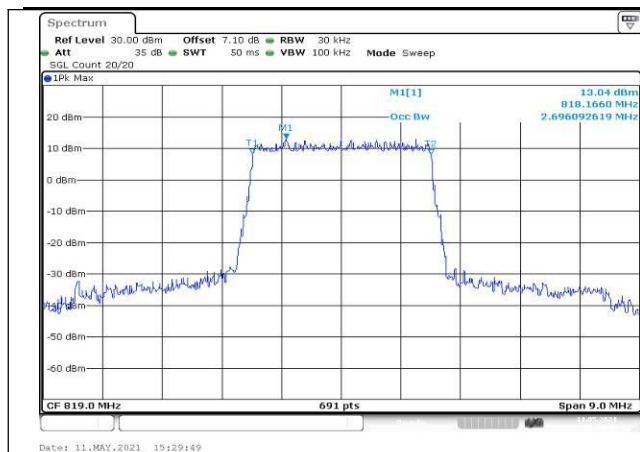


Fig.6





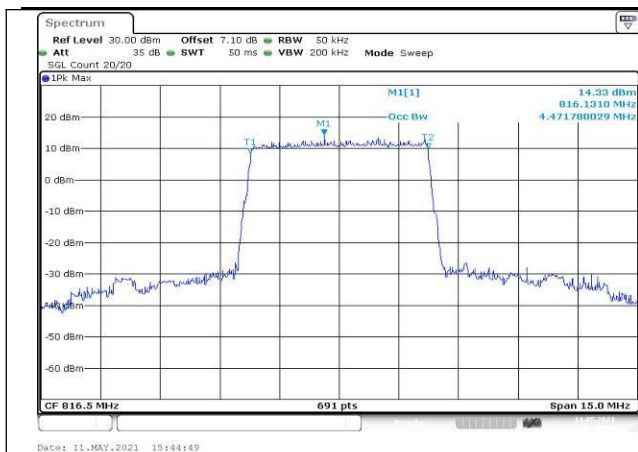


Fig.19

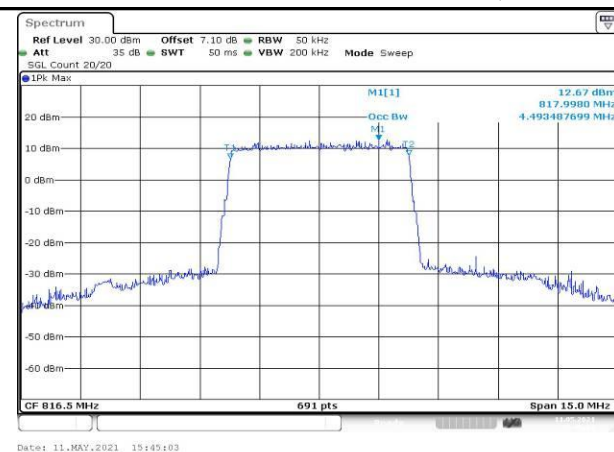


Fig.20

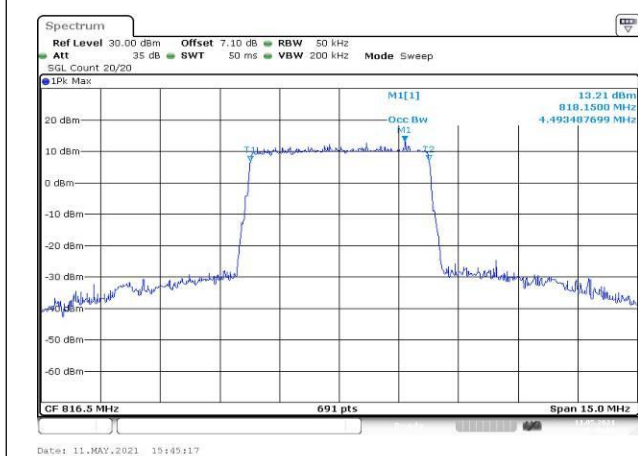


Fig.21

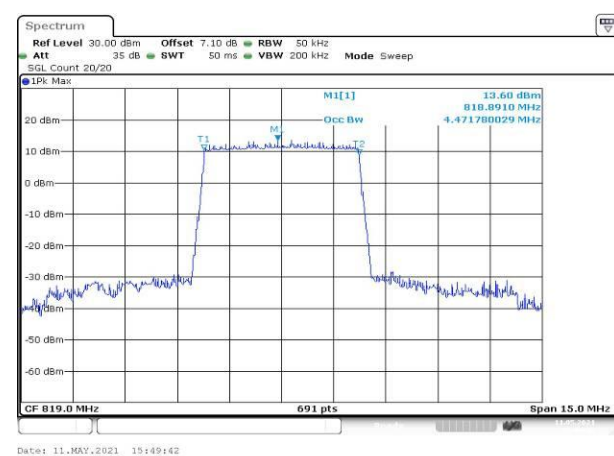


Fig.22

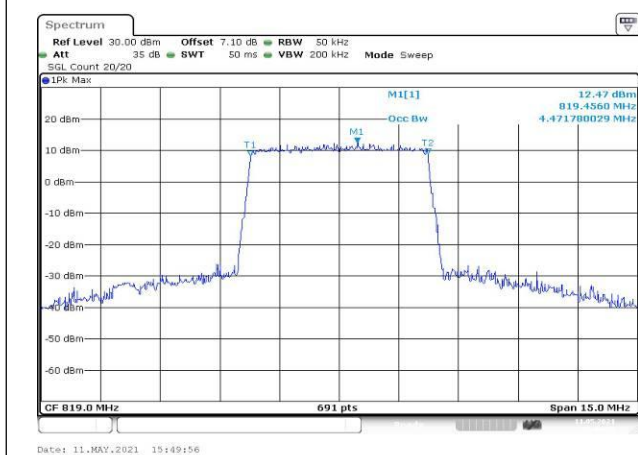


Fig.23

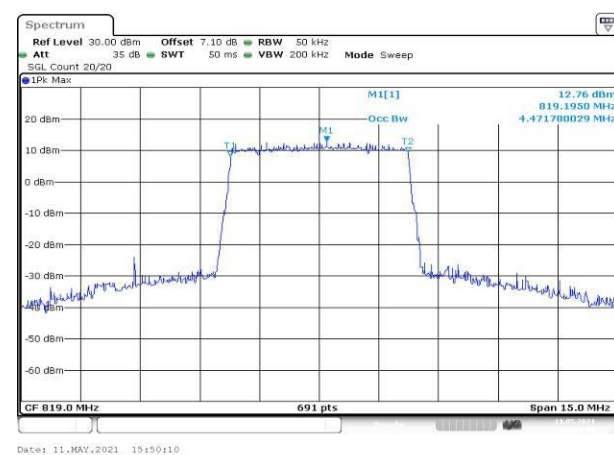
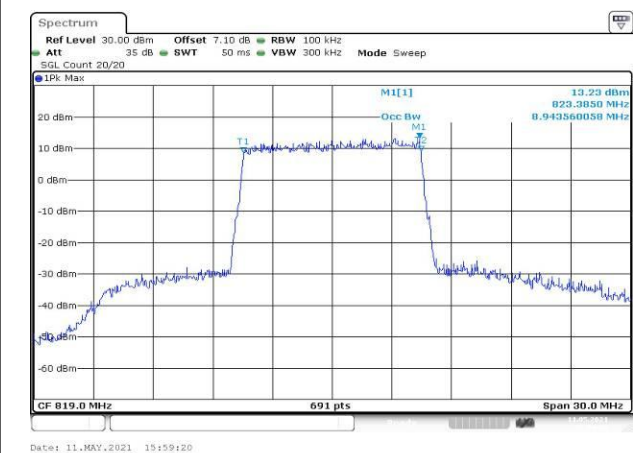
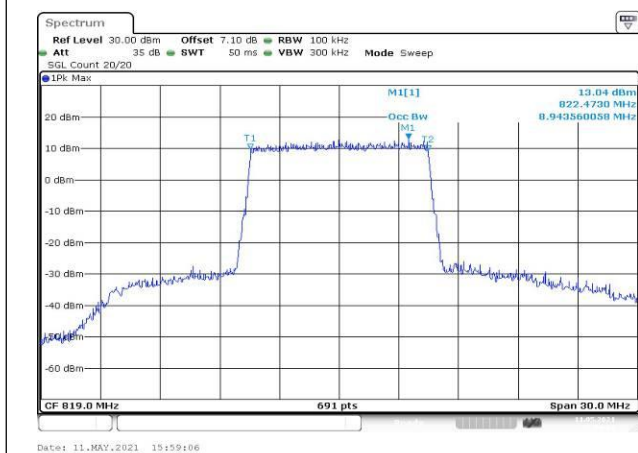
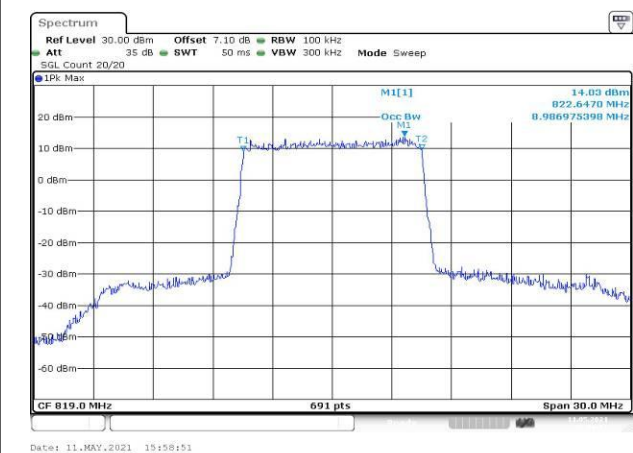
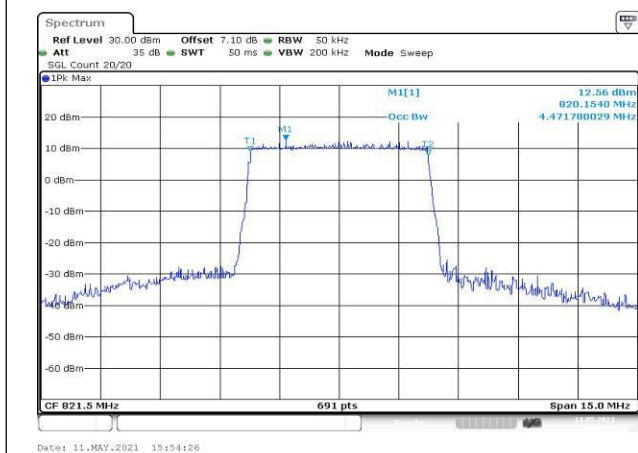
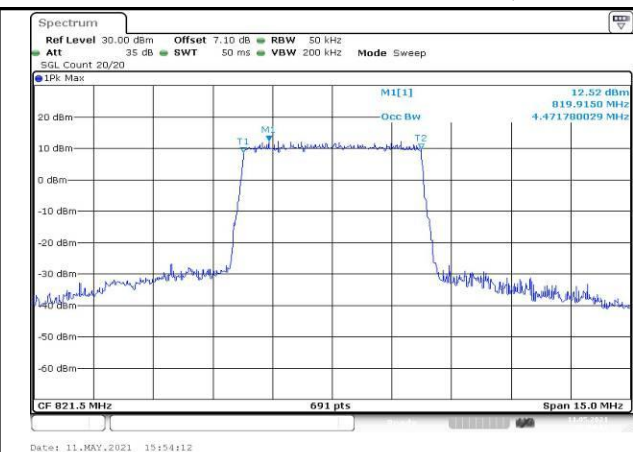
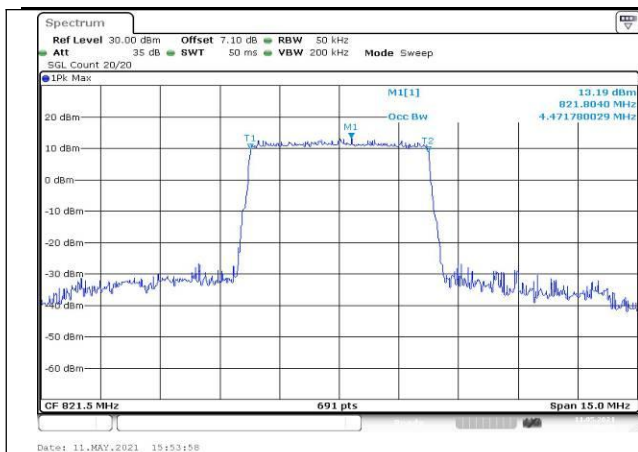


Fig.24



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	
26	814.7	26697	1.4	6	0	1.228	Fig.1	1.228	Fig.2	1.228	Fig.3
	819	26740		6	0	1.228	Fig.4	1.216	Fig.5	1.228	Fig.6
	823.3	26783		6	0	1.228	Fig.7	1.228	Fig.8	1.228	Fig.9
	815.5	26705	3	15	0	2.983	Fig.10	2.983	Fig.11	2.957	Fig.12
	819	26740		15	0	2.957	Fig.13	2.996	Fig.14	2.983	Fig.15
	822.5	26775		15	0	2.970	Fig.16	2.996	Fig.17	2.970	Fig.18
	816.5	26715	5	25	0	4.841	Fig.19	4.884	Fig.20	4.906	Fig.21
	819	26740		25	0	4.863	Fig.22	4.819	Fig.23	4.863	Fig.24
	821.5	26765		25	0	4.906	Fig.25	4.906	Fig.26	4.884	Fig.27
	819	26740	10	50	0	9.725	Fig.28	9.551	Fig.29	9.725	Fig.30

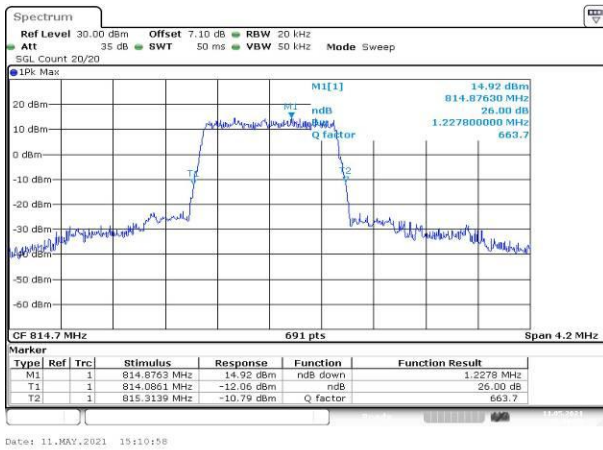


Fig.1

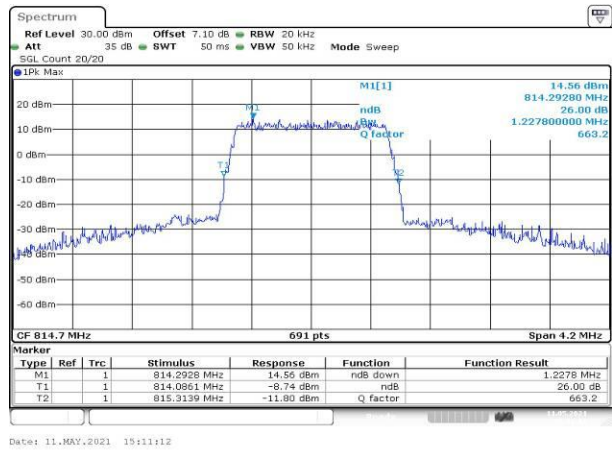


Fig.2

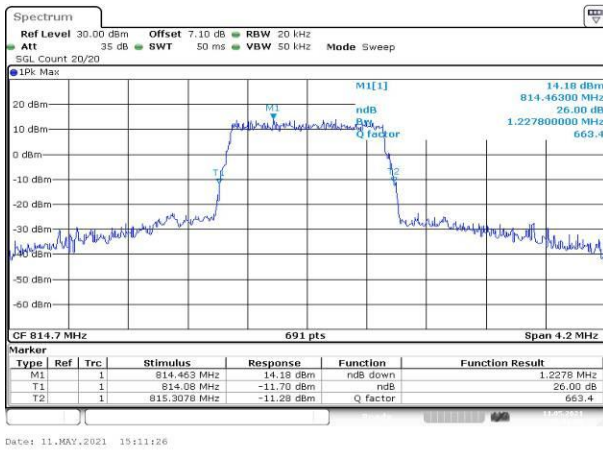


Fig.3

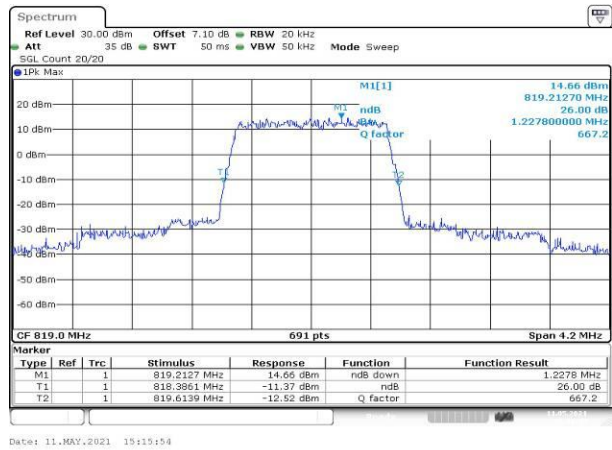


Fig.4

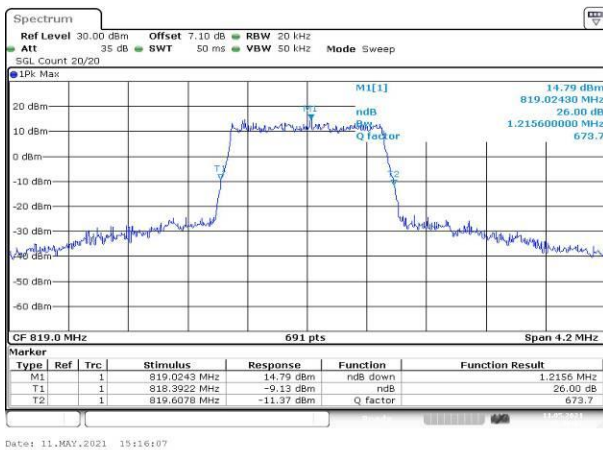


Fig.5

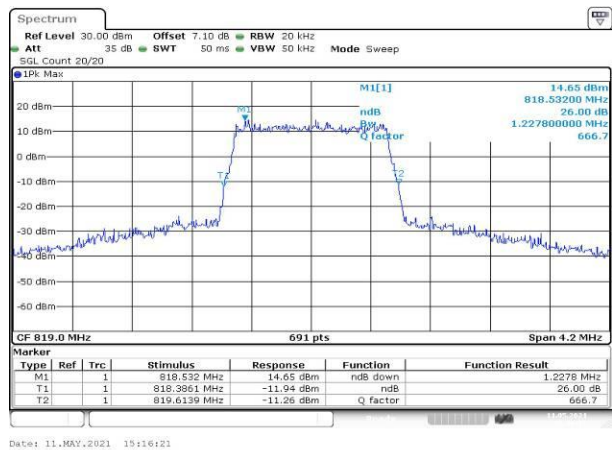


Fig.6

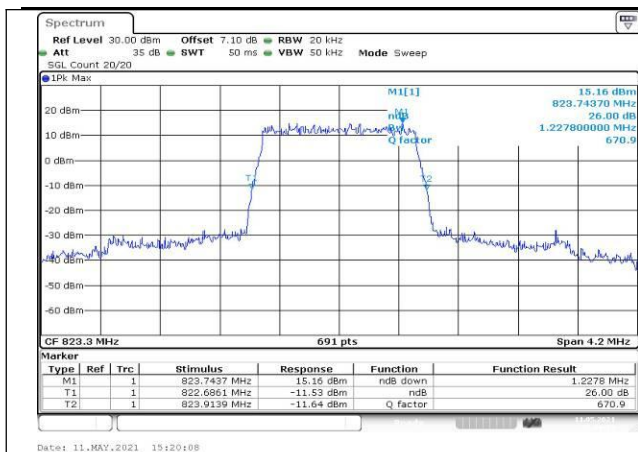


Fig.7

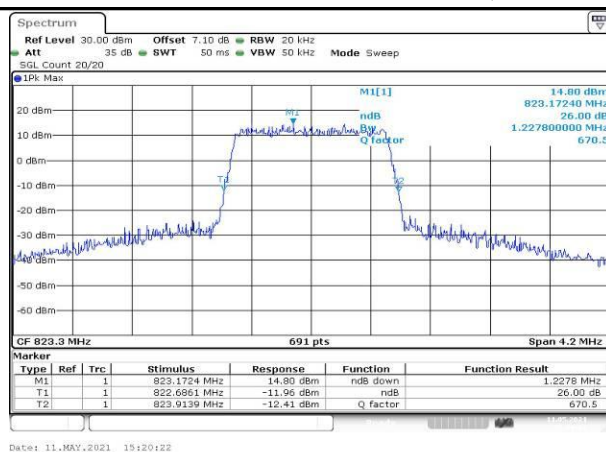


Fig.8

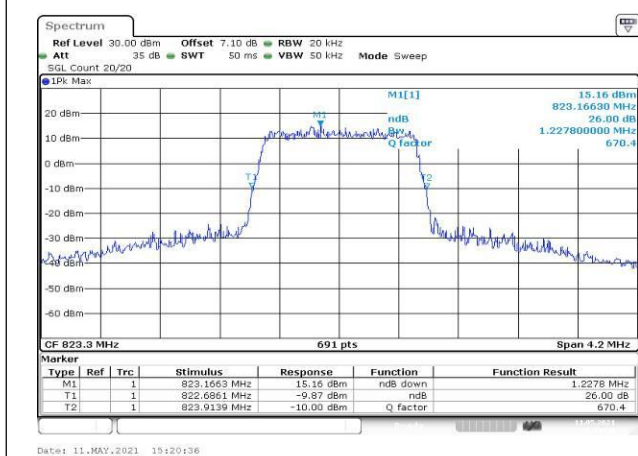


Fig.9

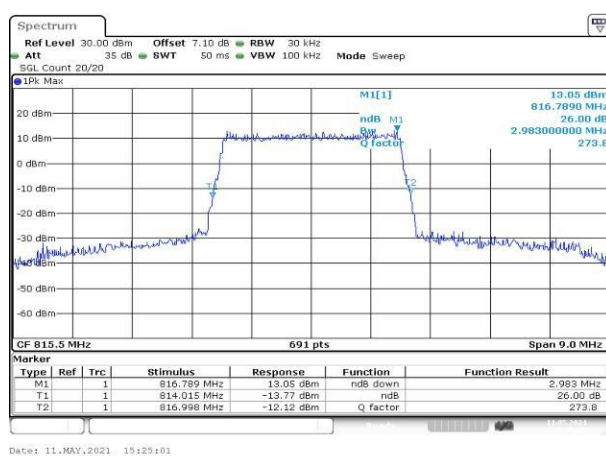


Fig.10

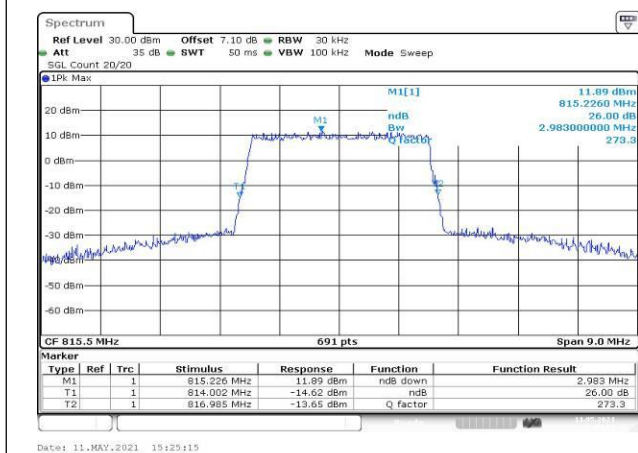


Fig.11

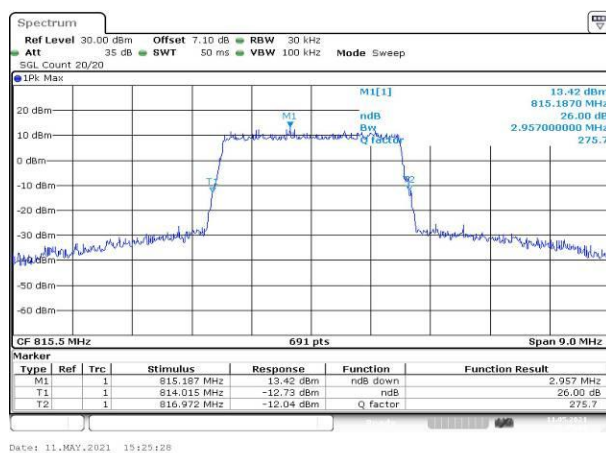


Fig.12

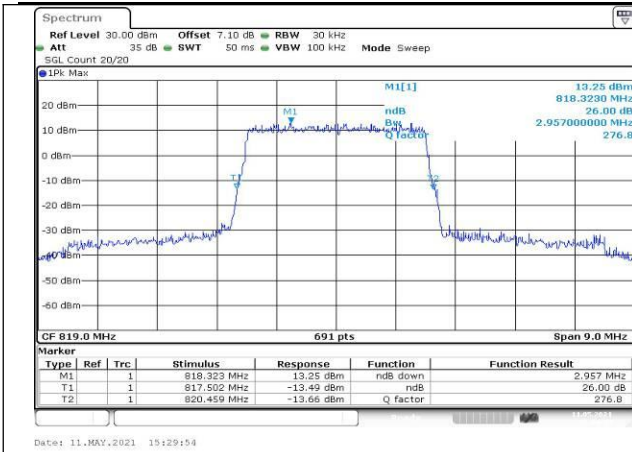


Fig.13

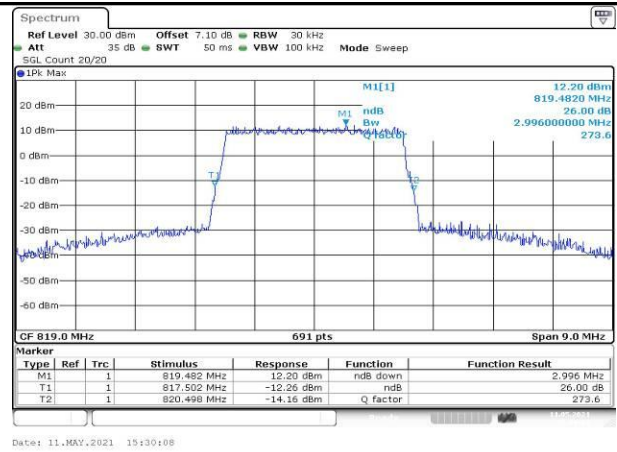


Fig.14

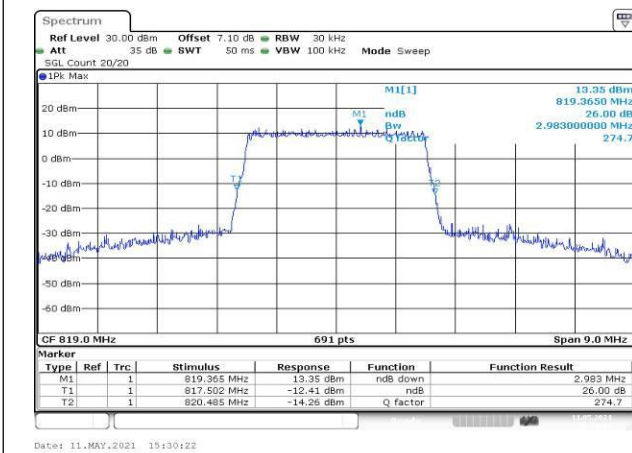


Fig.15

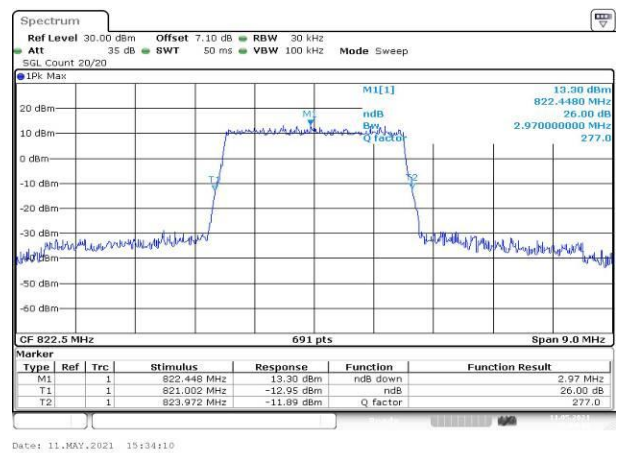


Fig.16

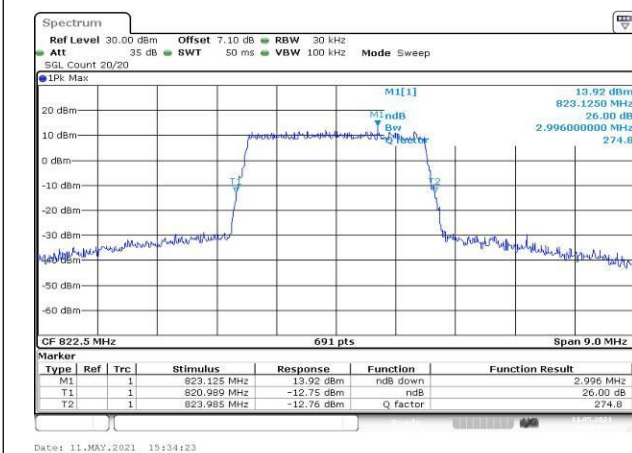


Fig.17

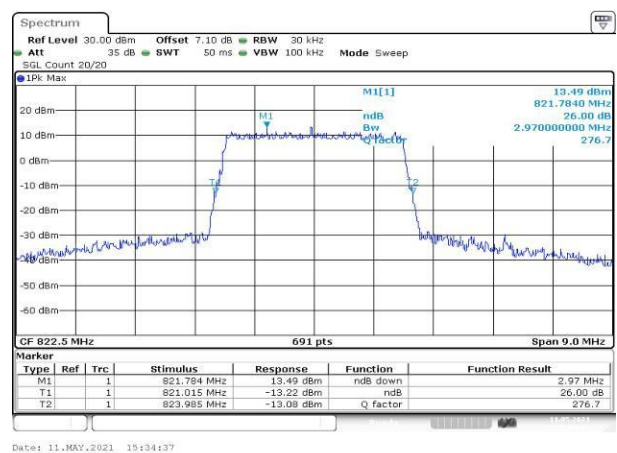


Fig.18

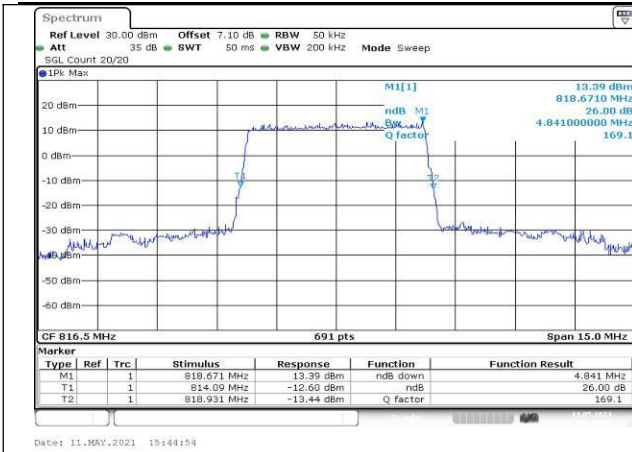


Fig.19

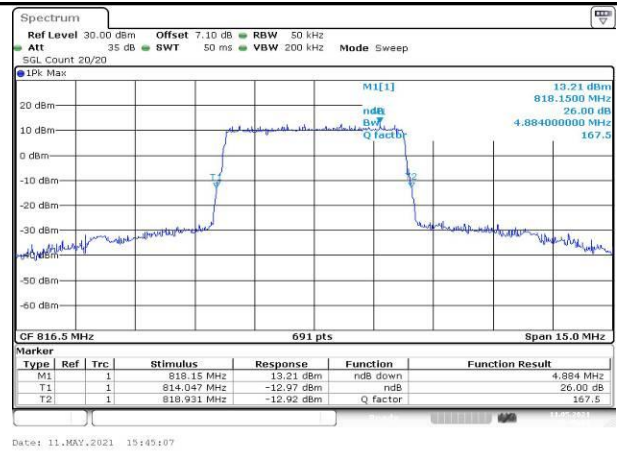


Fig.20

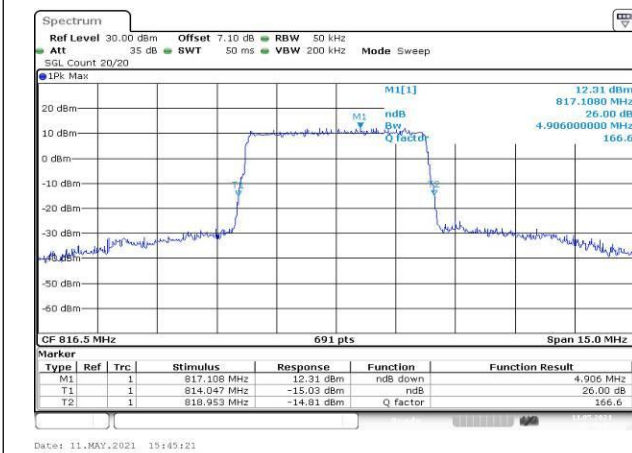


Fig.21

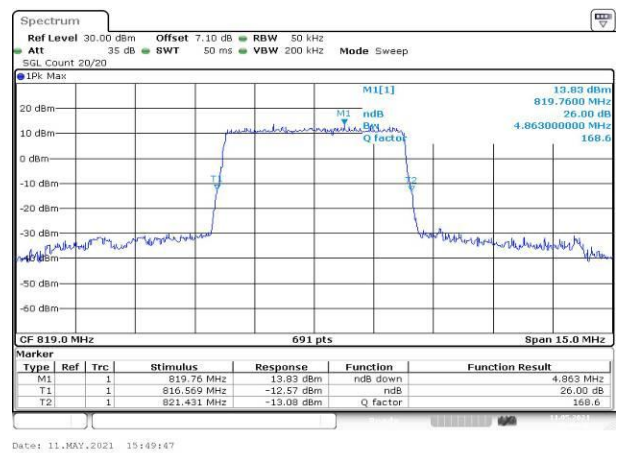


Fig.22

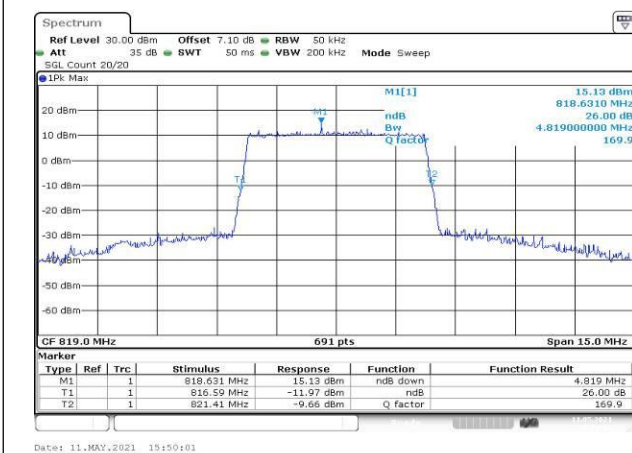


Fig.23

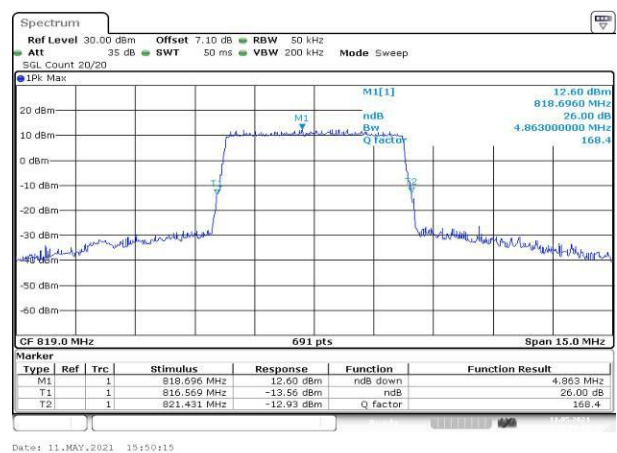


Fig.24

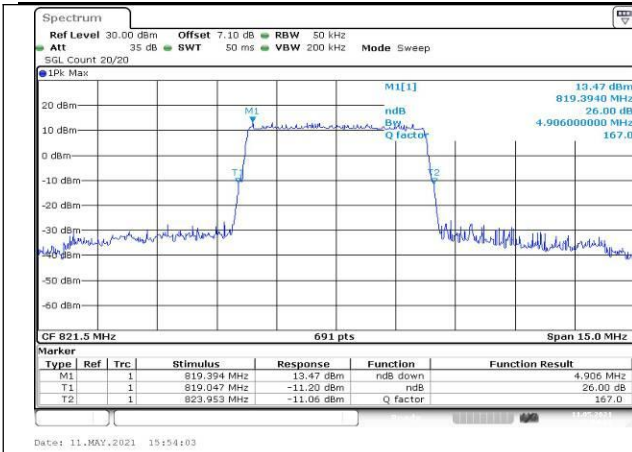


Fig.25

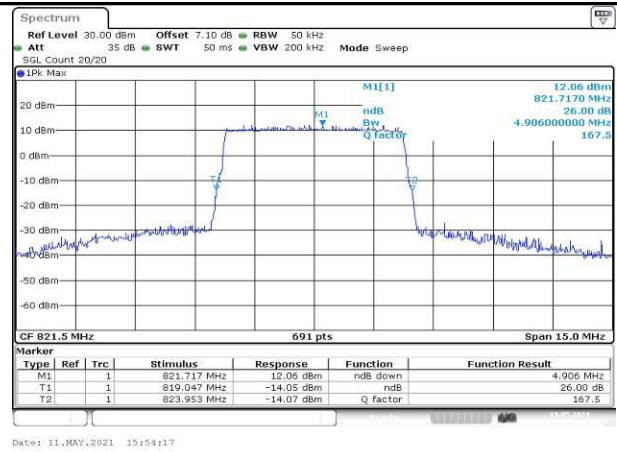


Fig.26

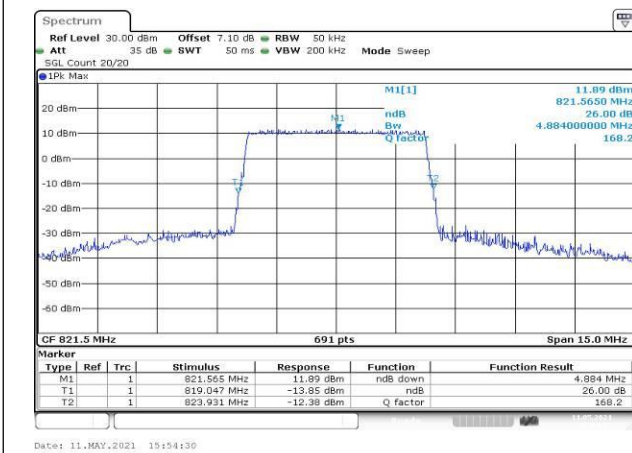


Fig.27

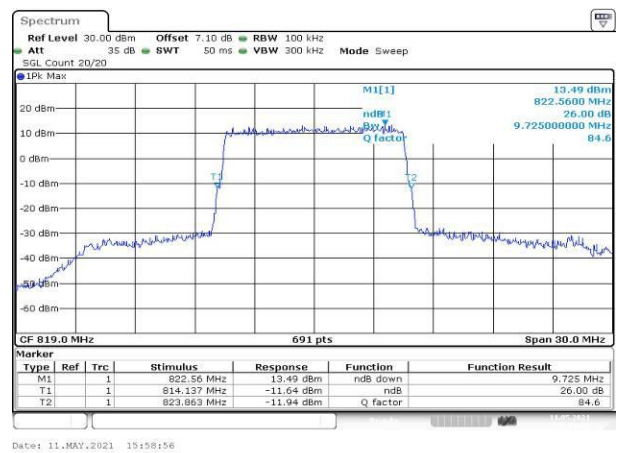


Fig.28

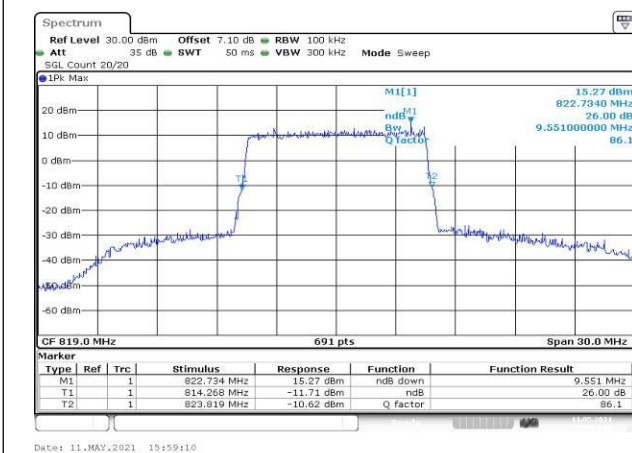


Fig.29

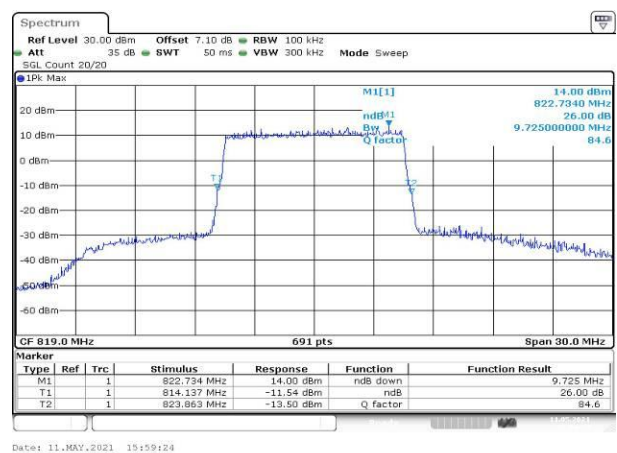


Fig.30

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

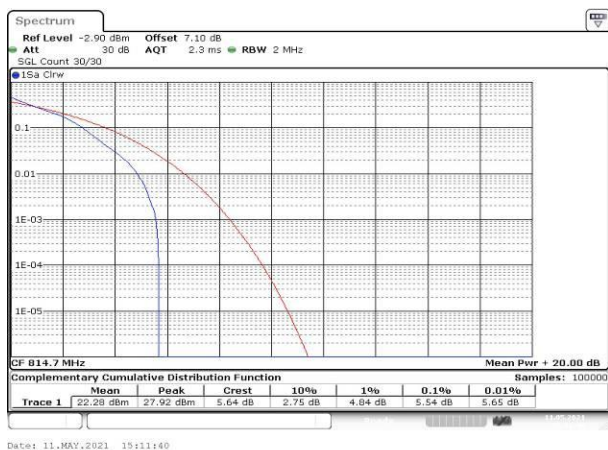


Fig.1

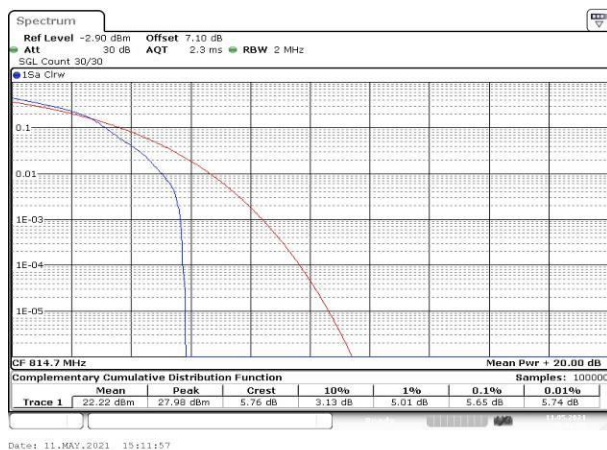


Fig.2

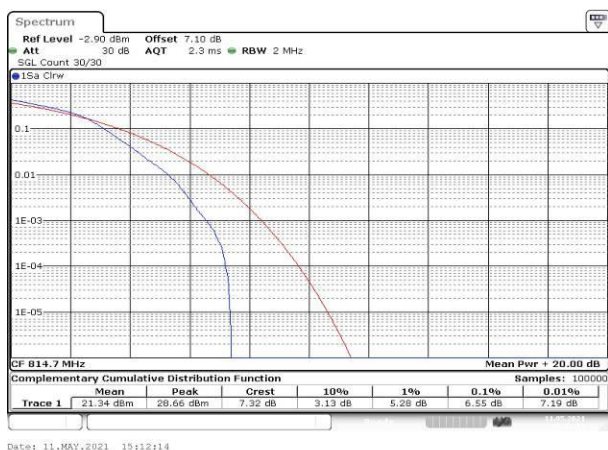


Fig.3

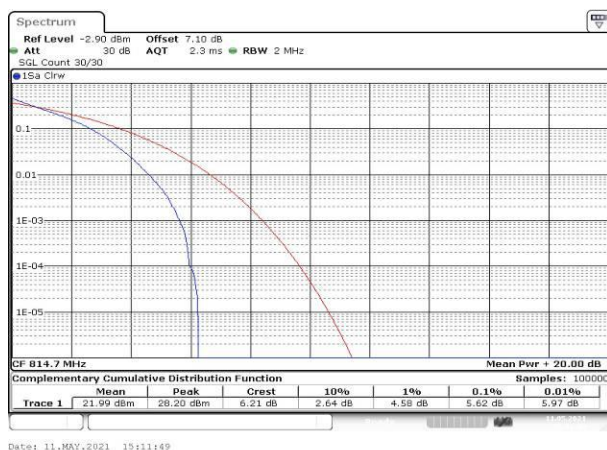


Fig.4

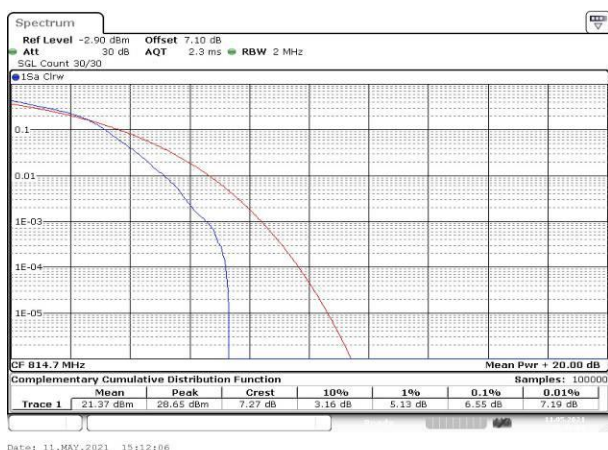


Fig.5

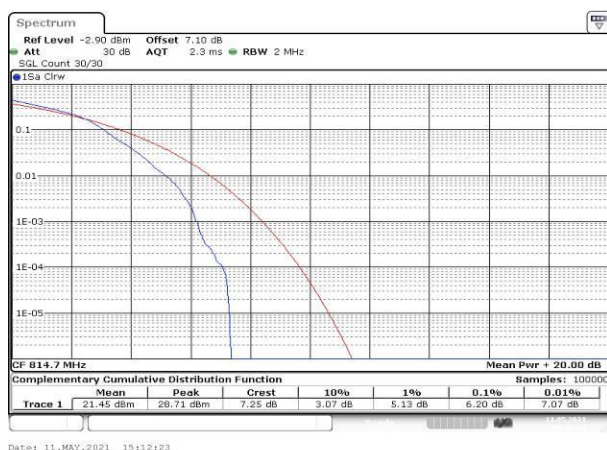


Fig.6

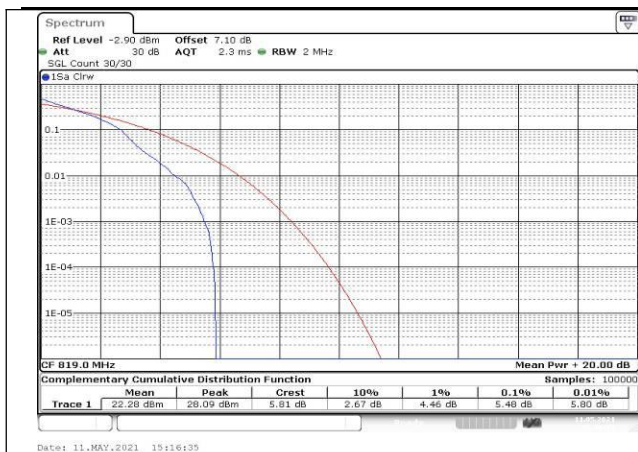


Fig.7

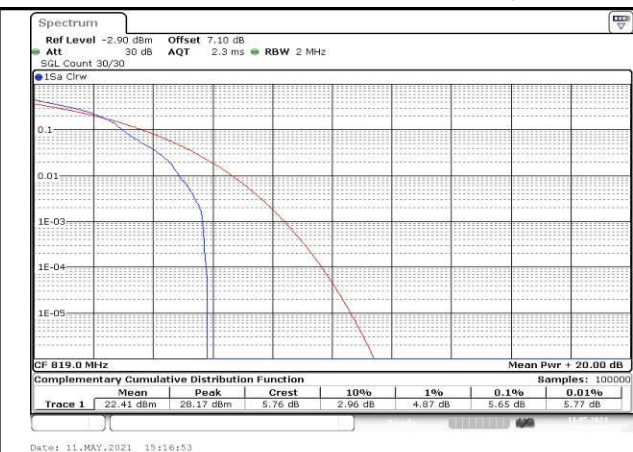


Fig.8

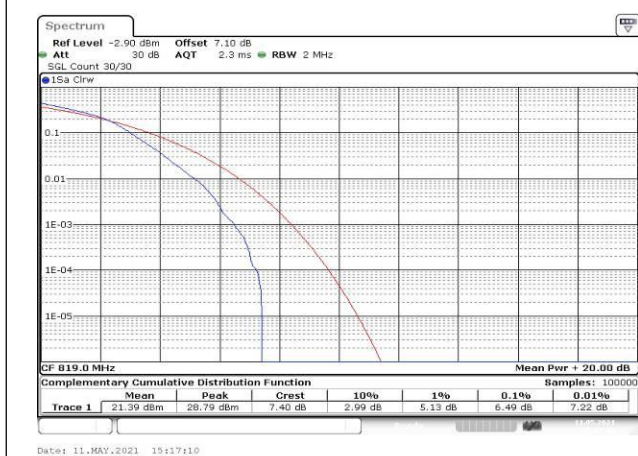


Fig.9

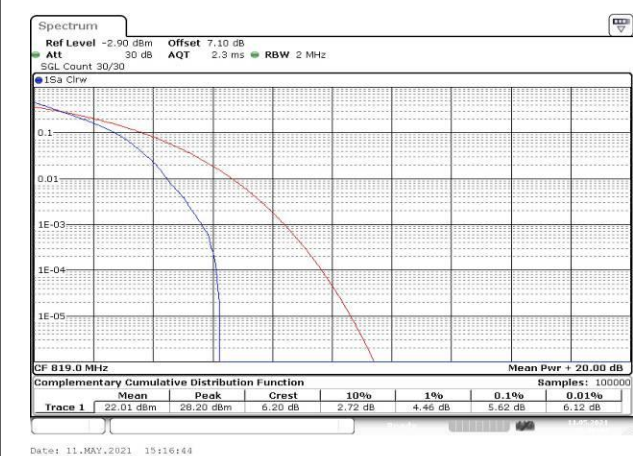


Fig.10

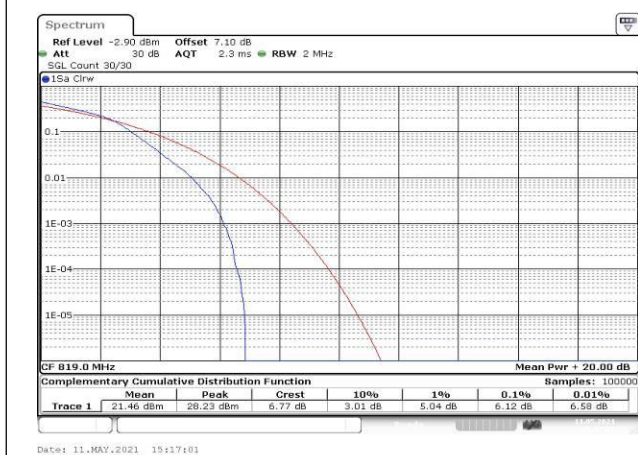


Fig.11

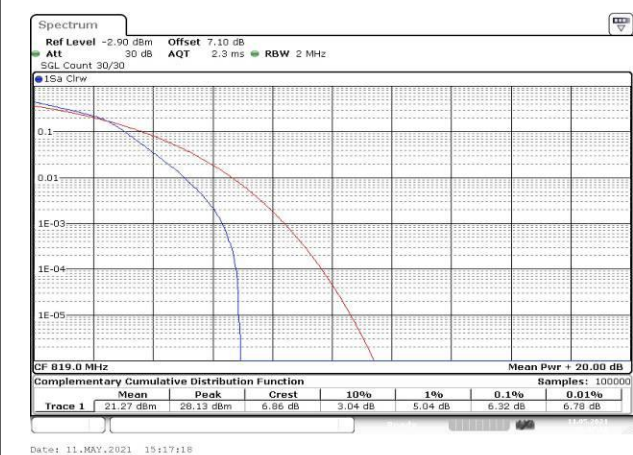


Fig.12

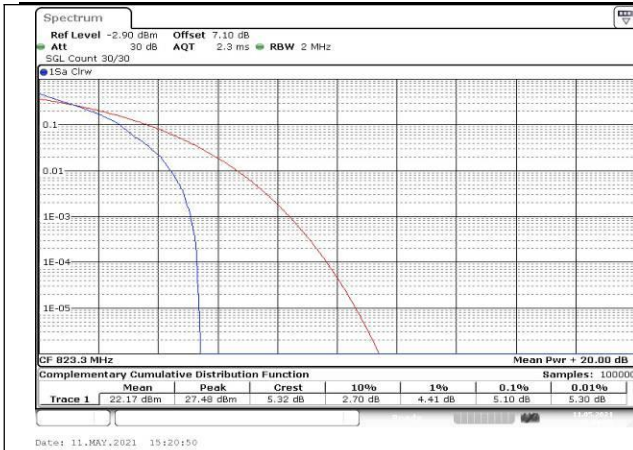


Fig.13

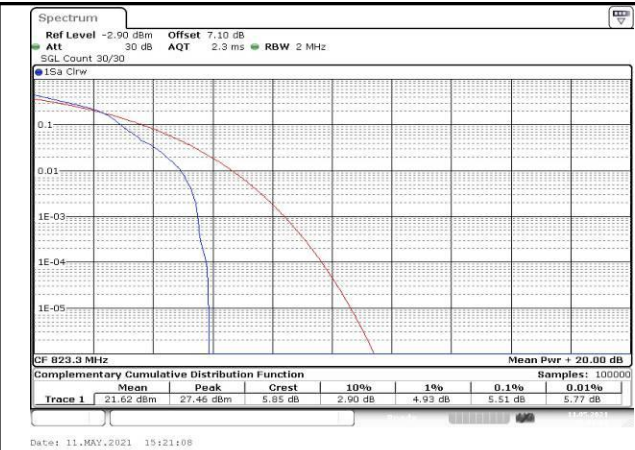


Fig.14

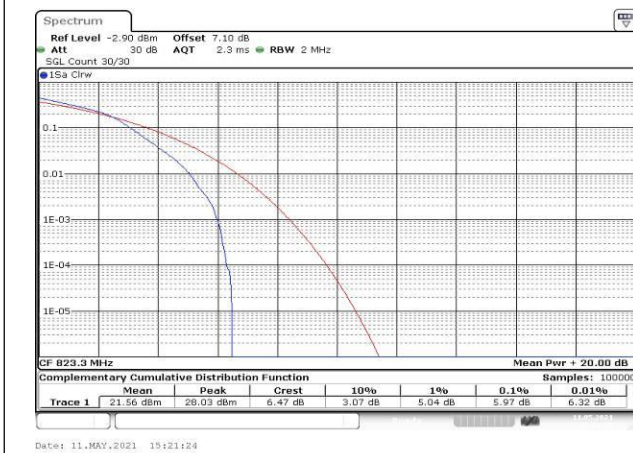


Fig.15

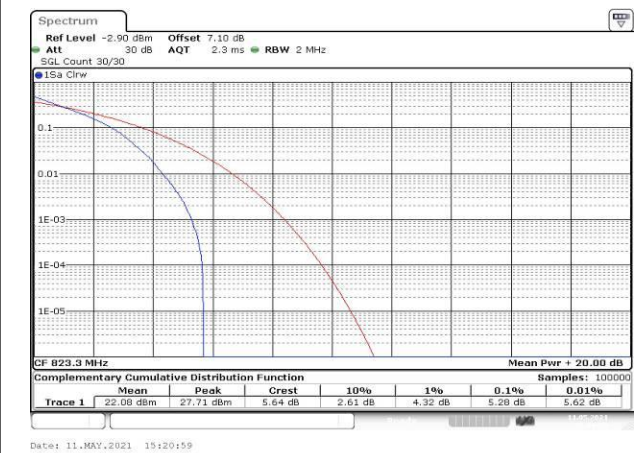


Fig.16

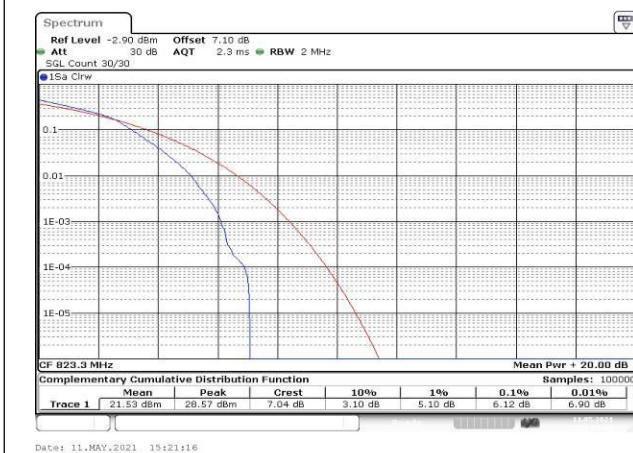


Fig.17

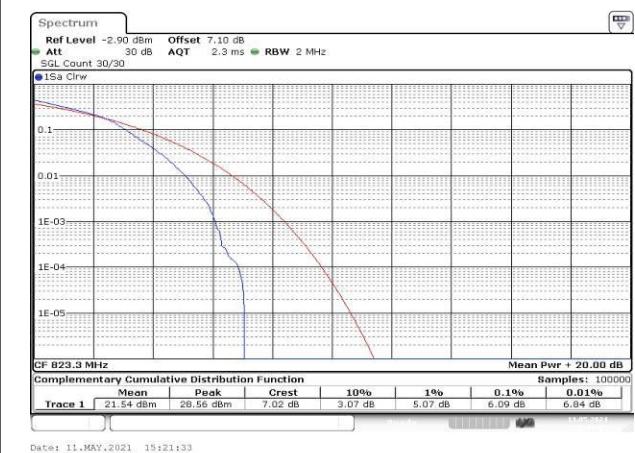


Fig.18

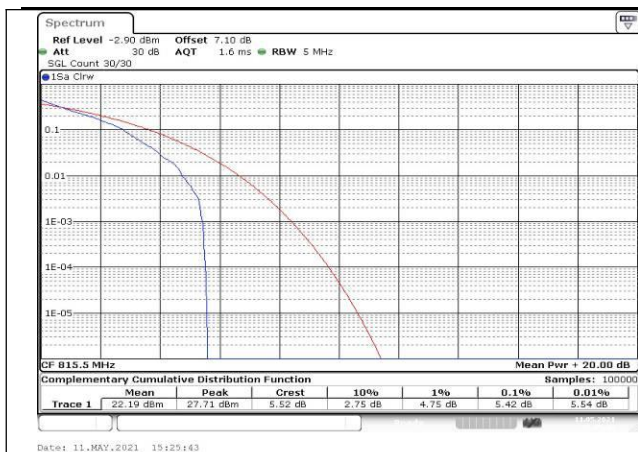


Fig.19

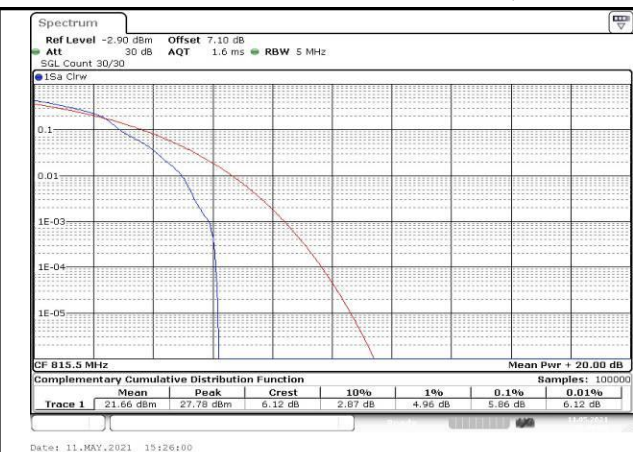


Fig.20

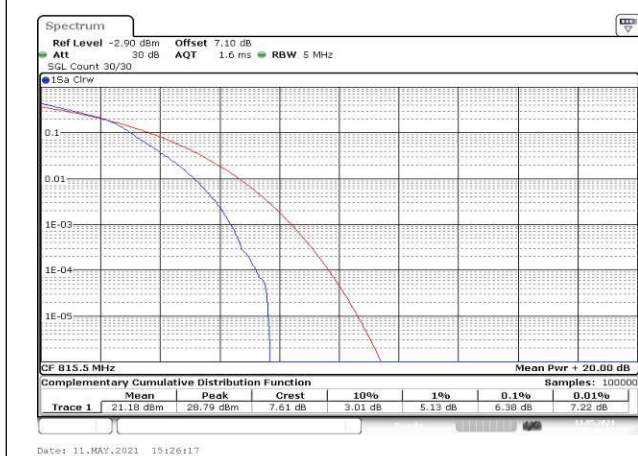


Fig.21

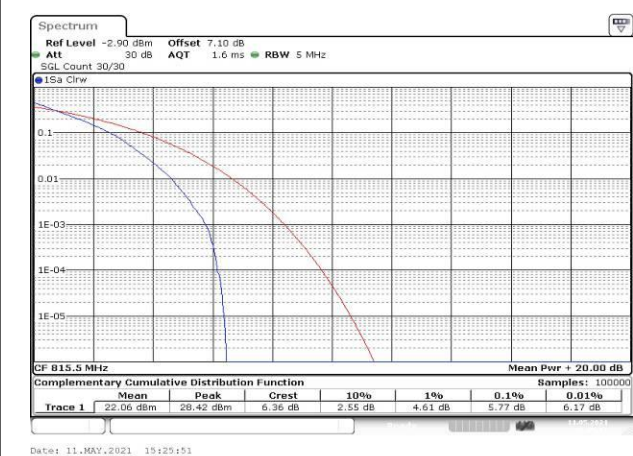


Fig.22

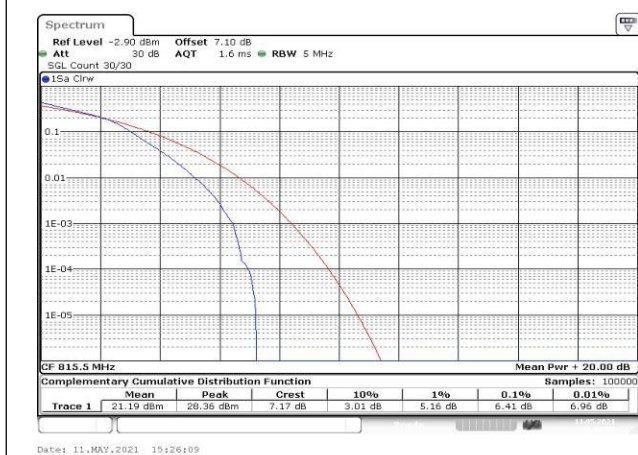


Fig.23

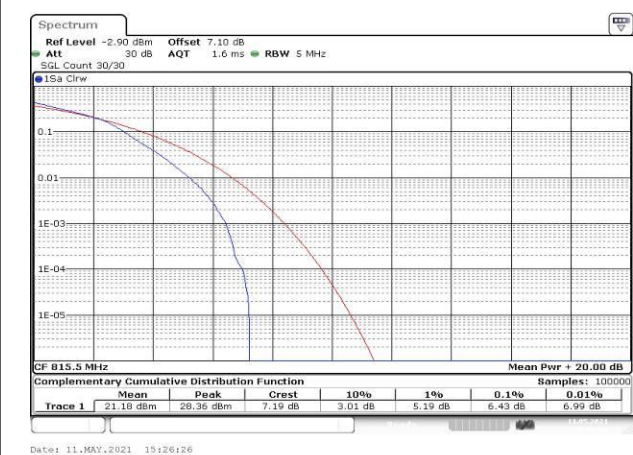


Fig.24