

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

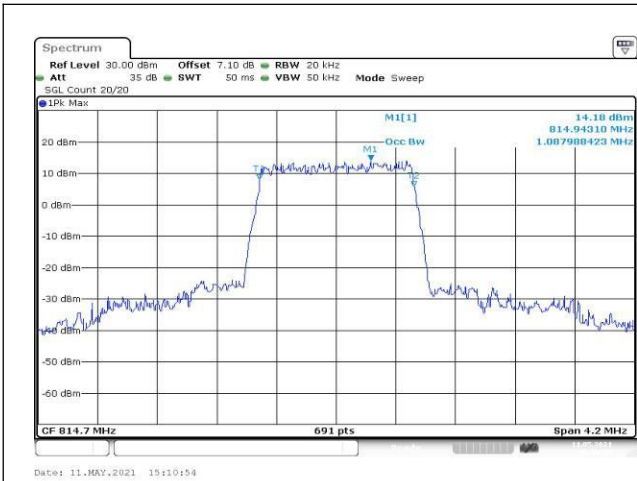


Fig.1

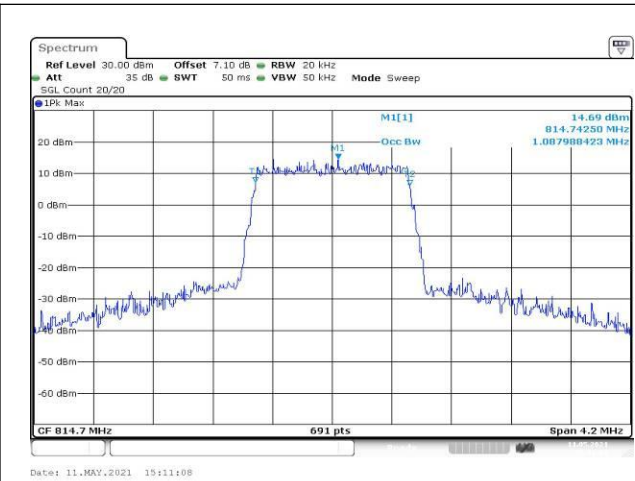


Fig.2

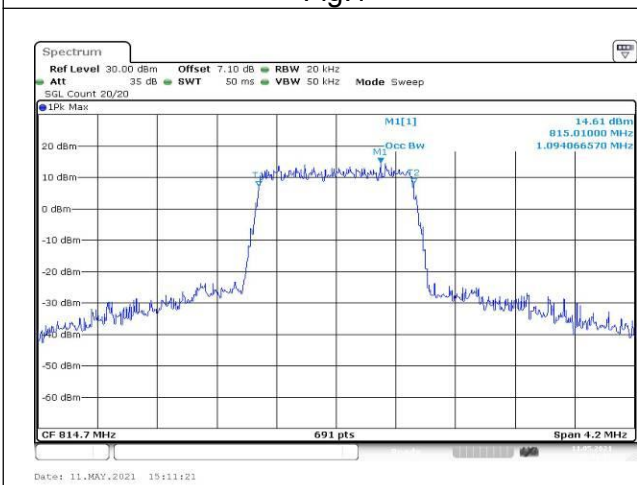


Fig.3

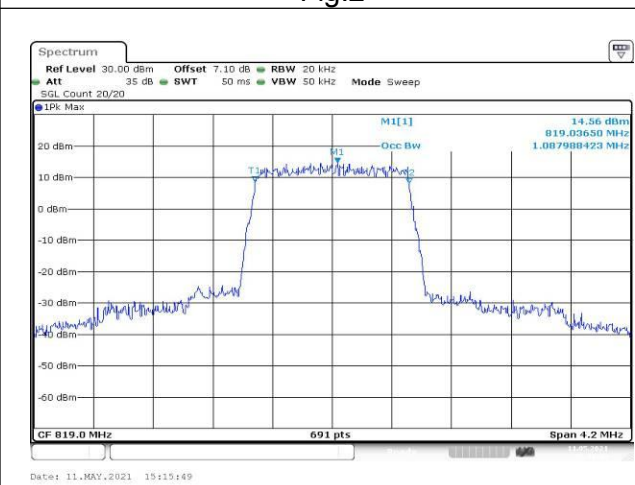


Fig.4

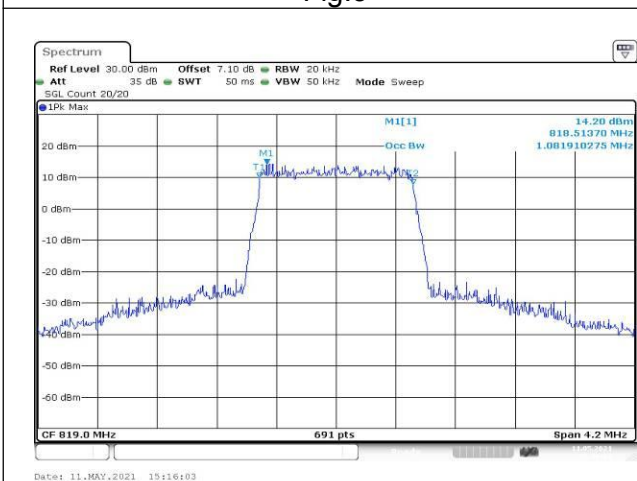


Fig.5

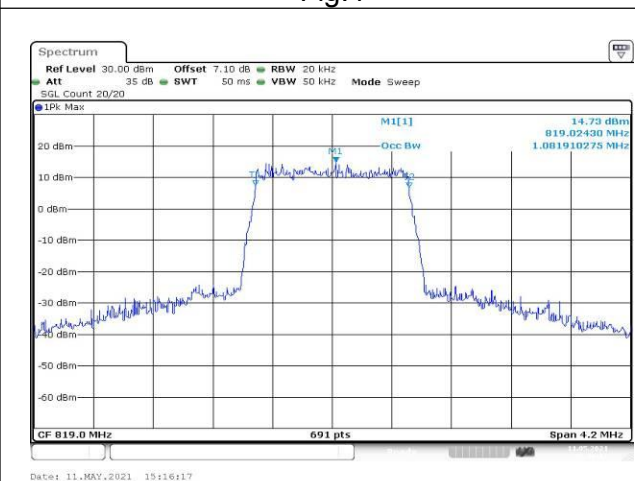
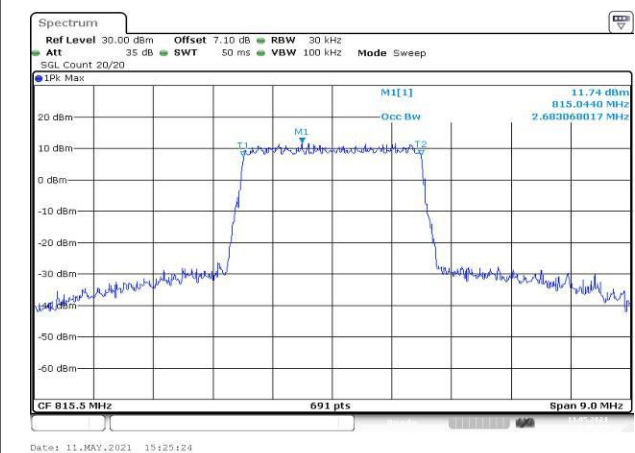
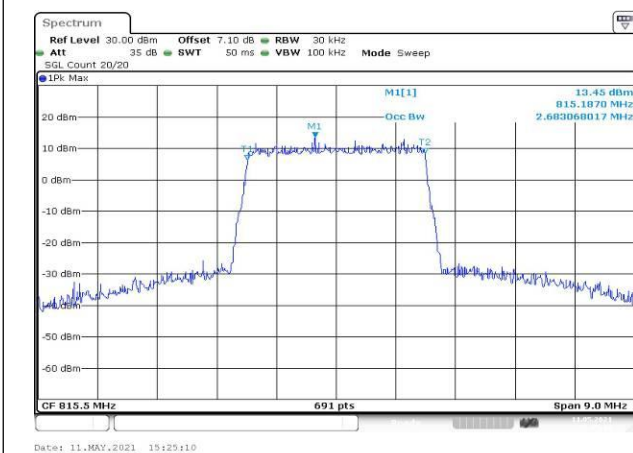
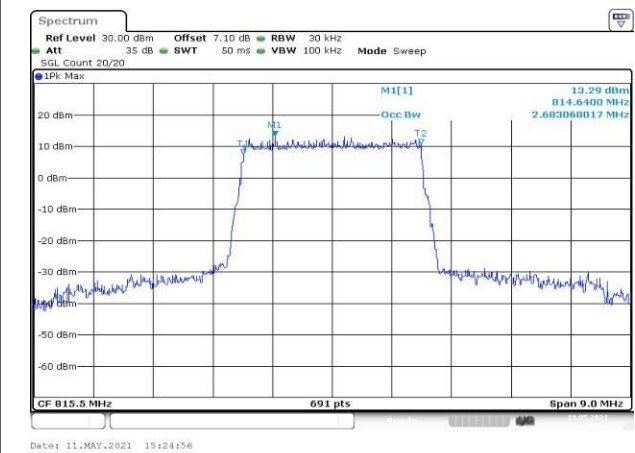
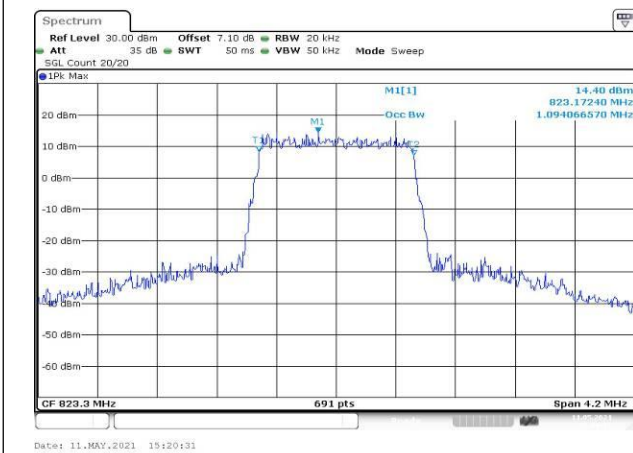
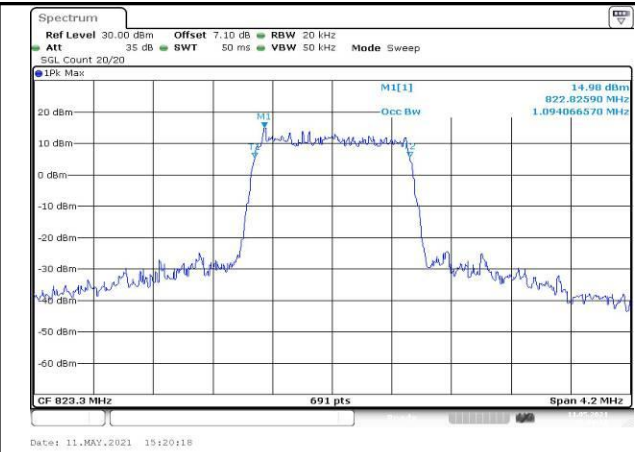
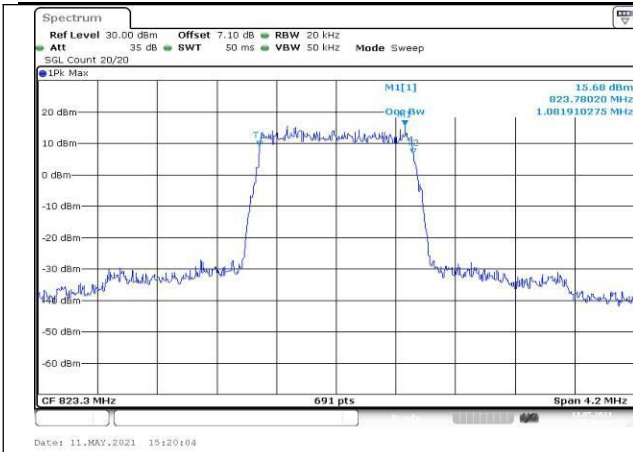
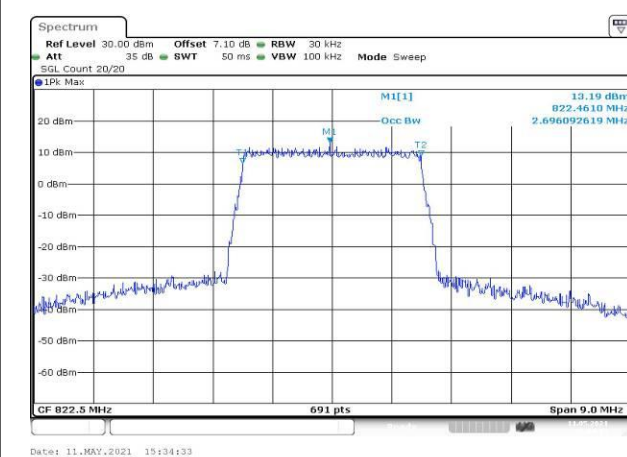
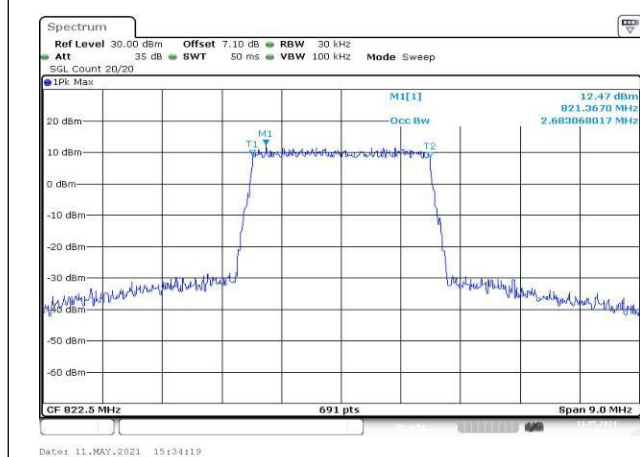
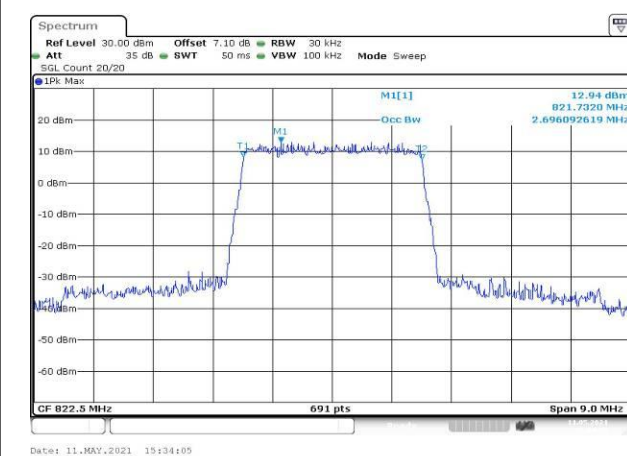
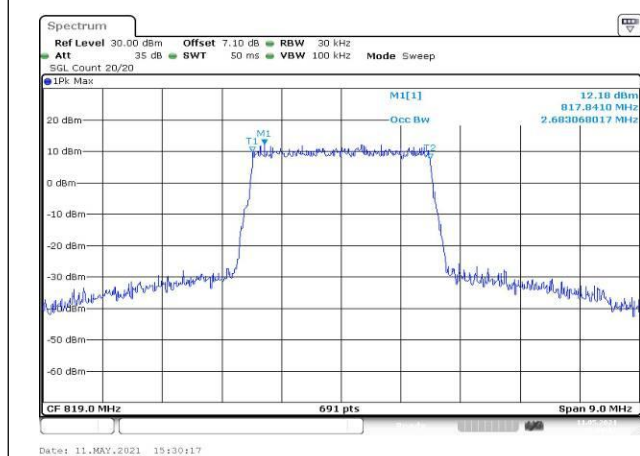
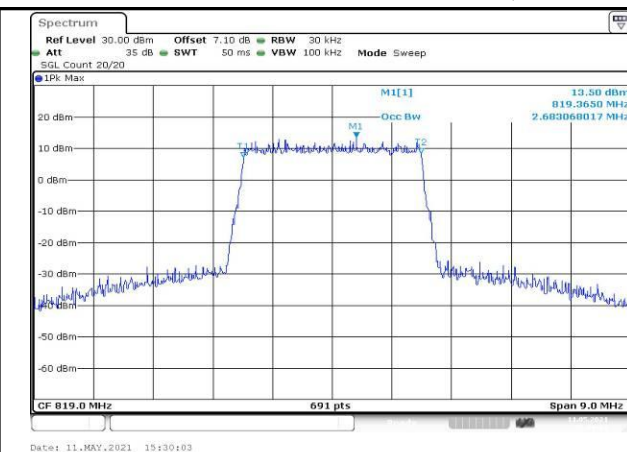
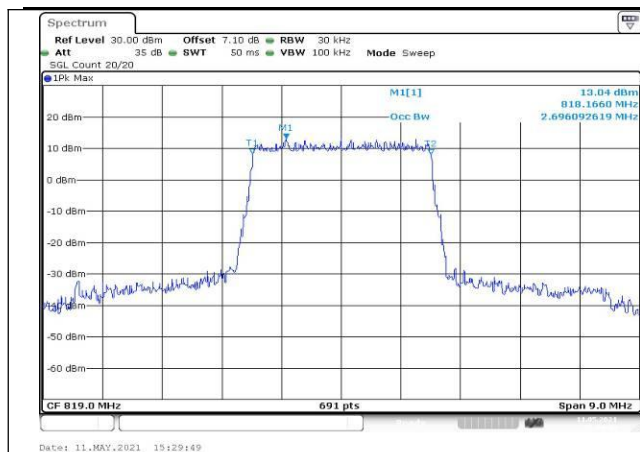


Fig.6





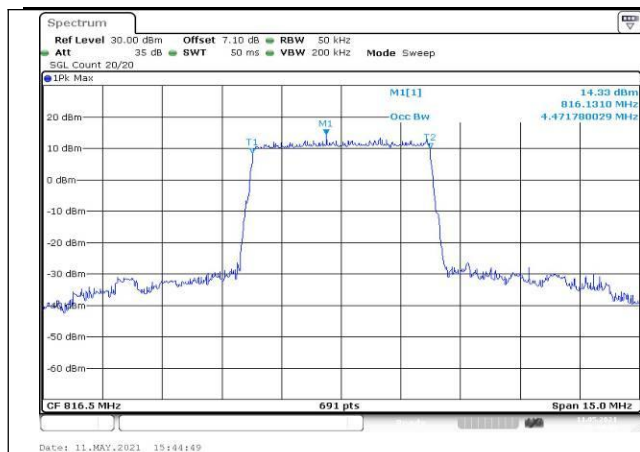


Fig.19

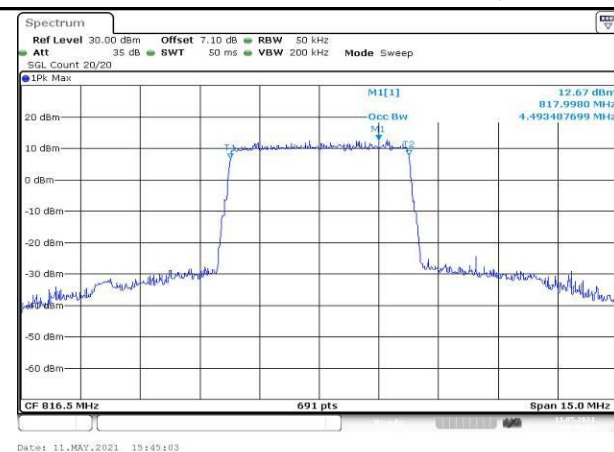


Fig.20

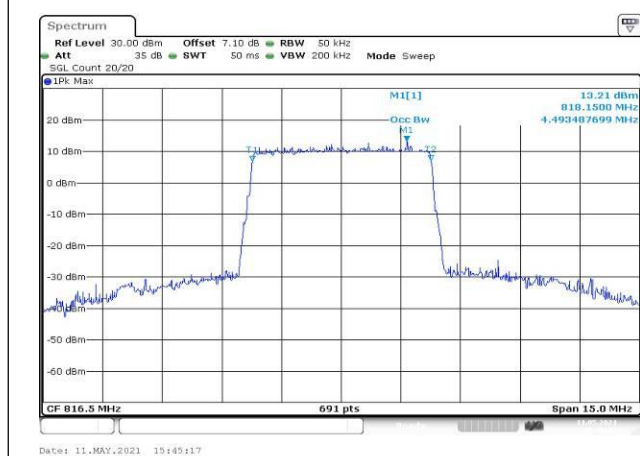


Fig.21

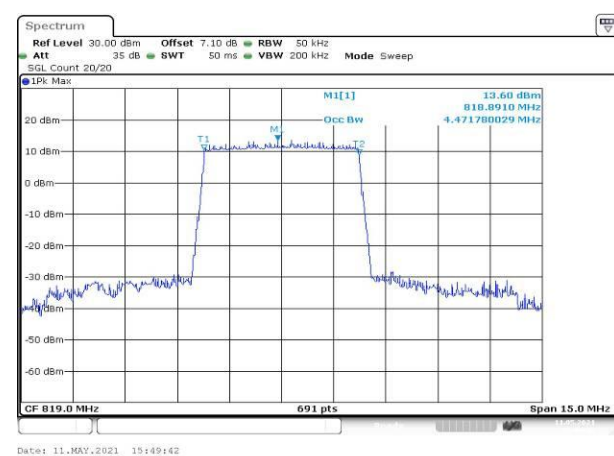


Fig.22

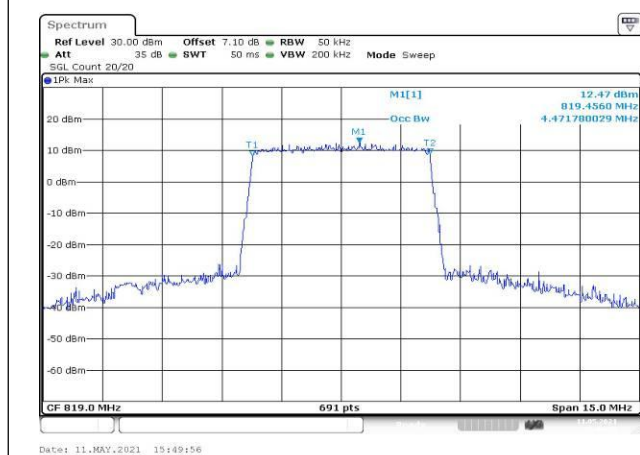


Fig.23

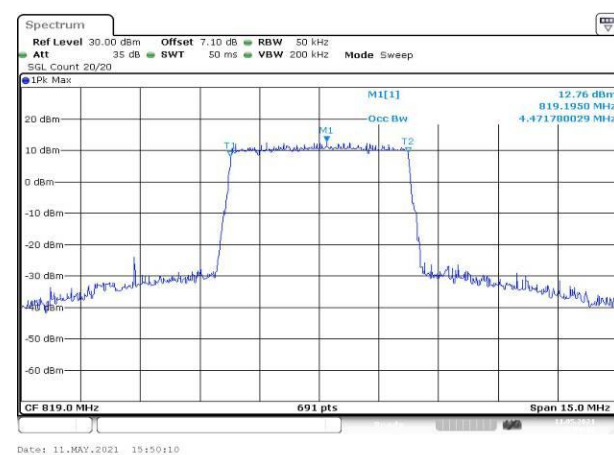
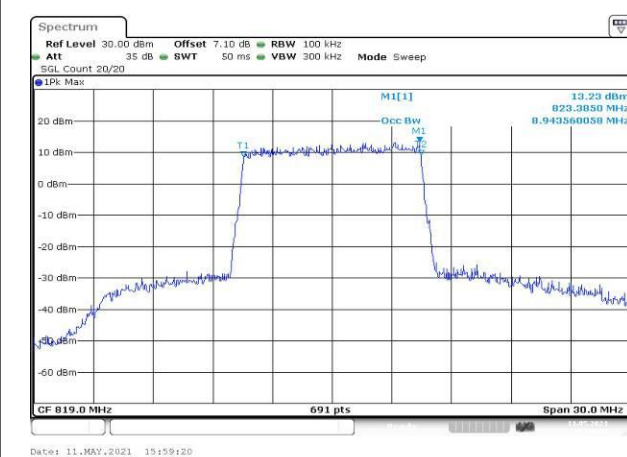
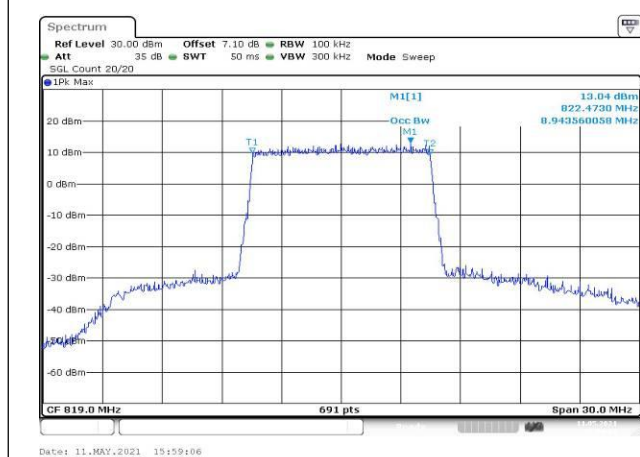
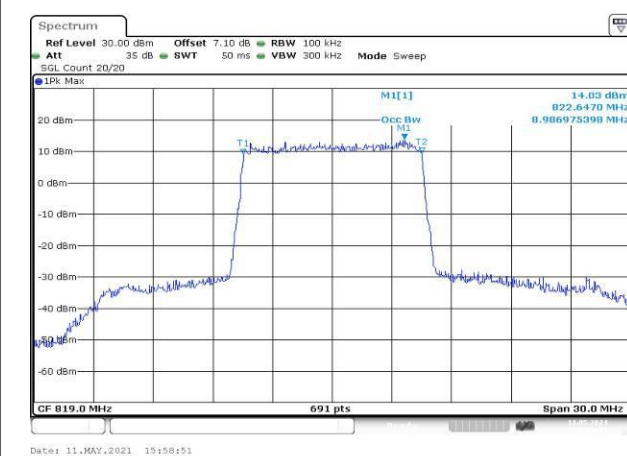
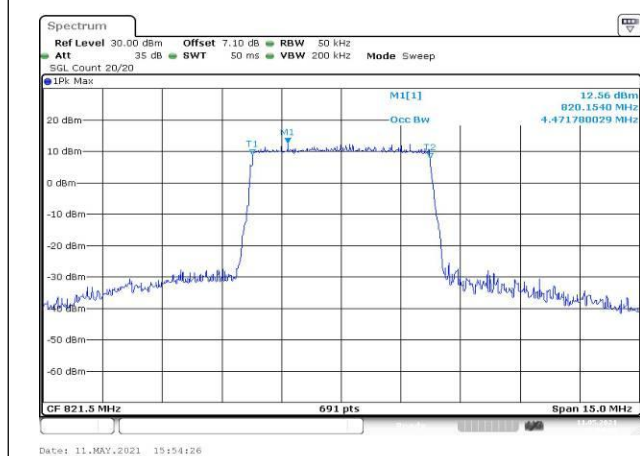
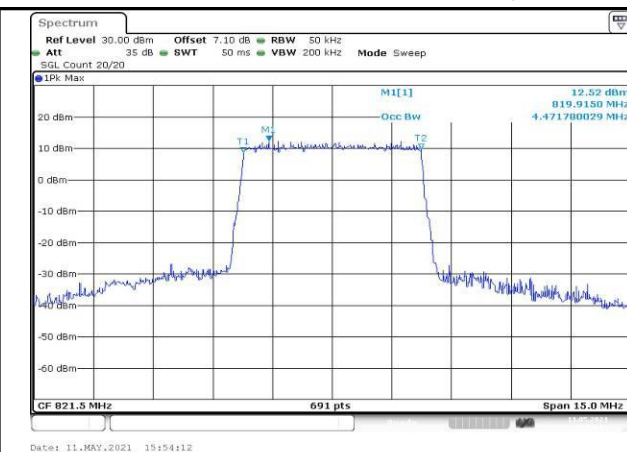
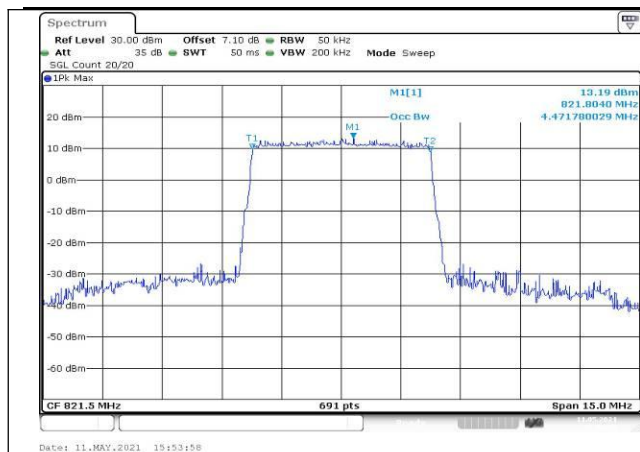


Fig.24



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

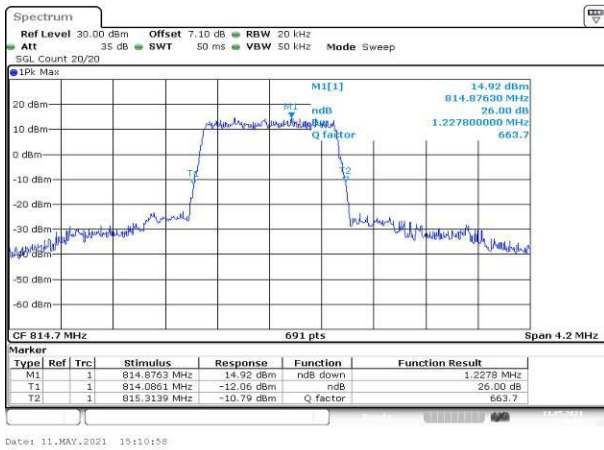


Fig.1

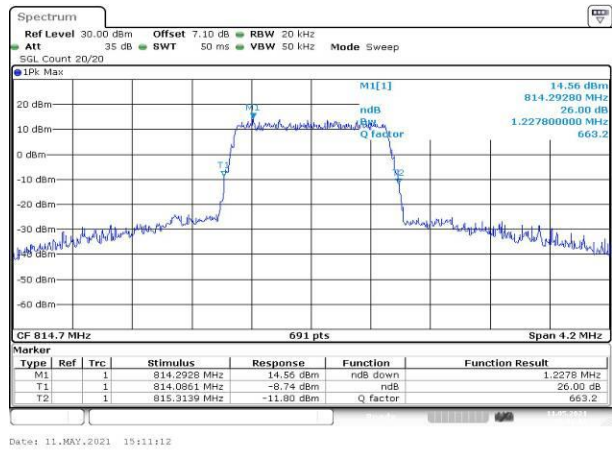


Fig.2

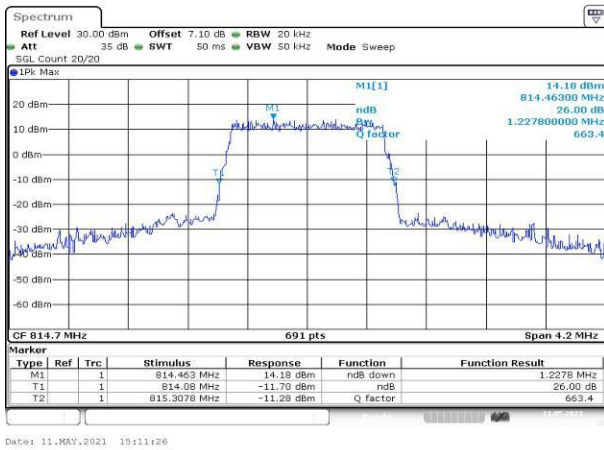


Fig.3

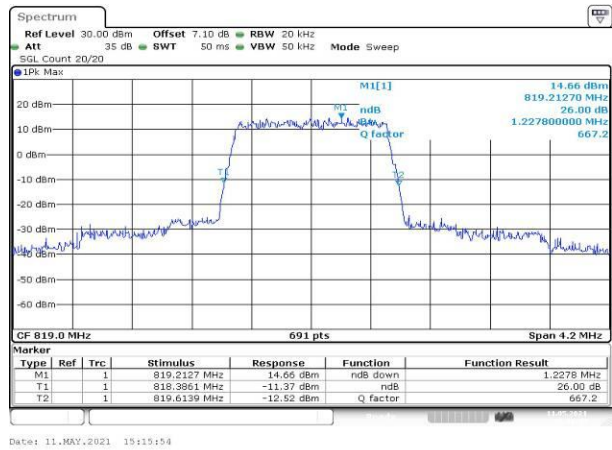


Fig.4

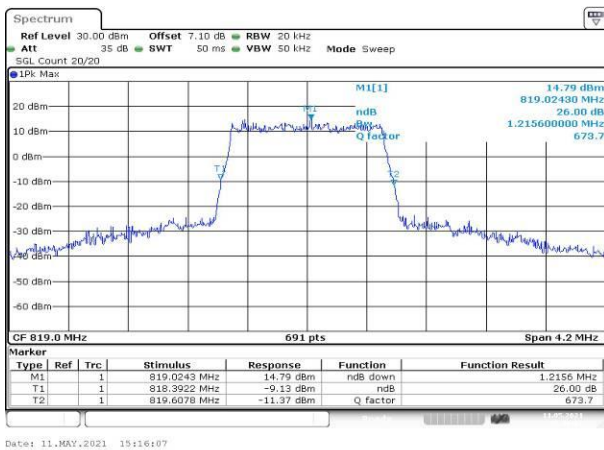


Fig.5

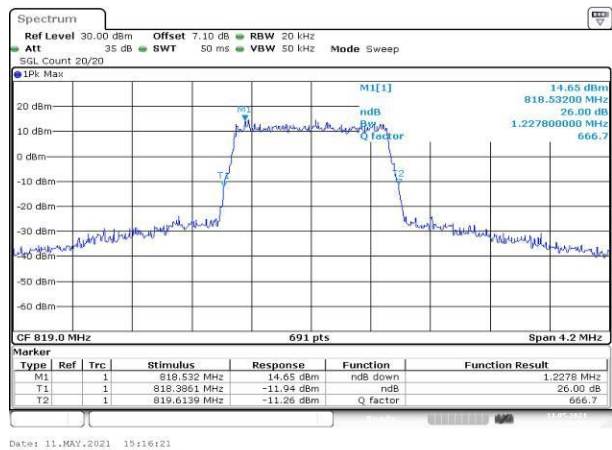
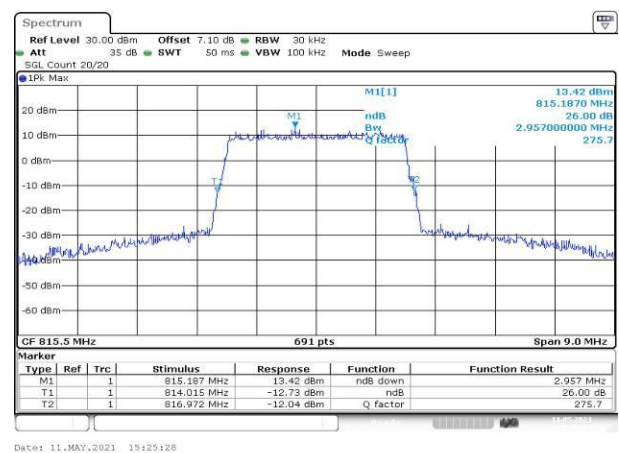
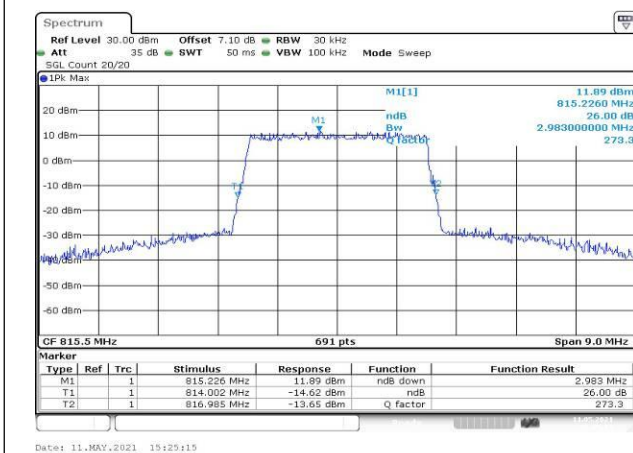
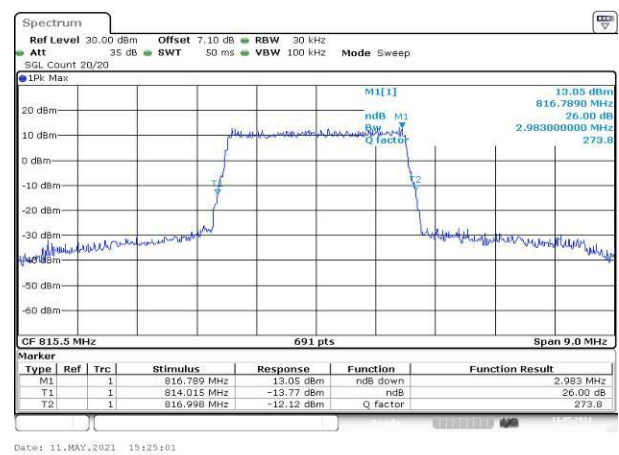
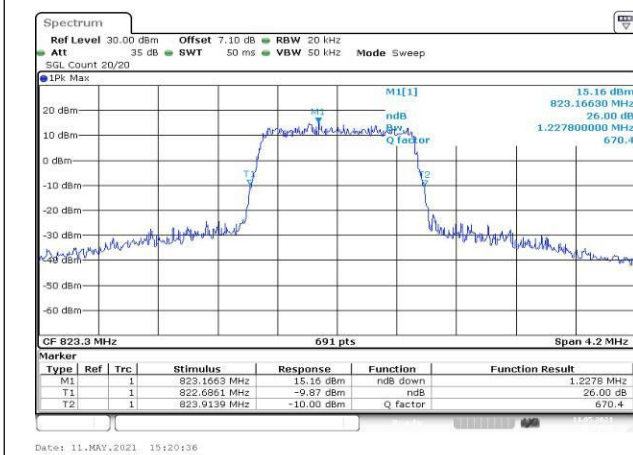
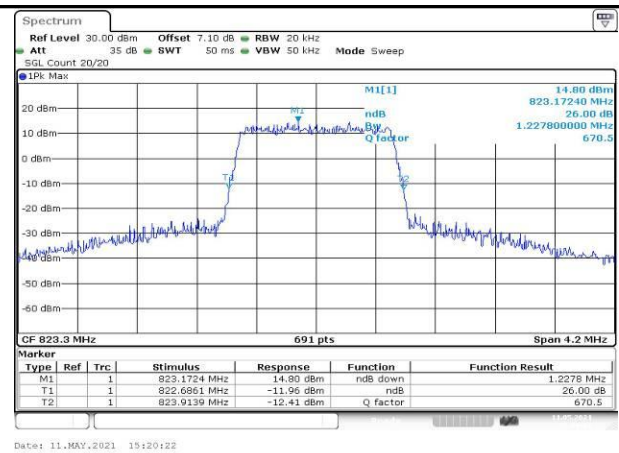
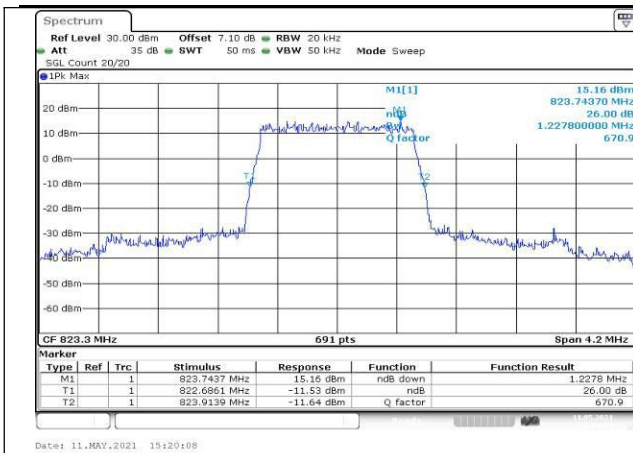


Fig.6



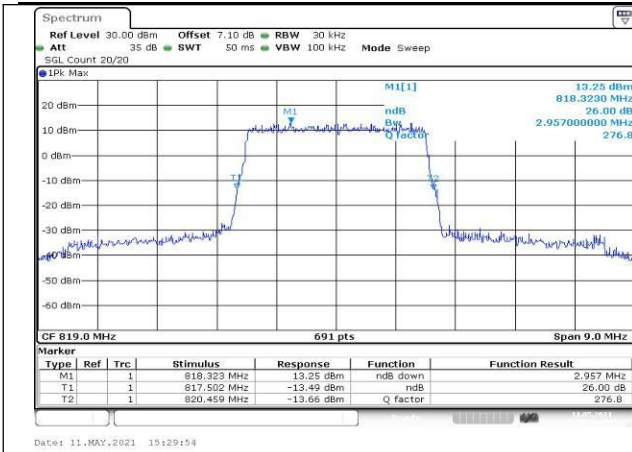


Fig.13

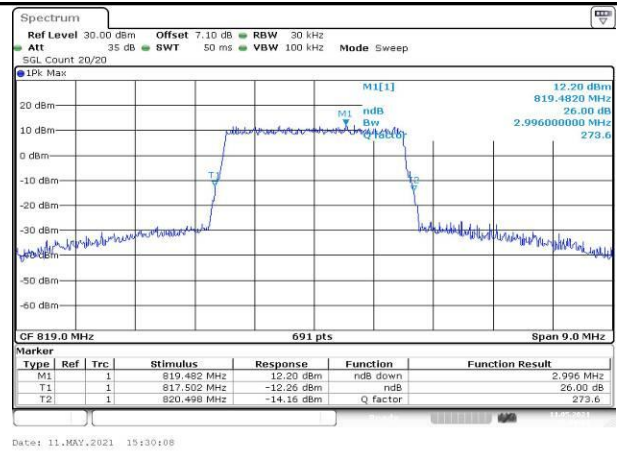


Fig.14

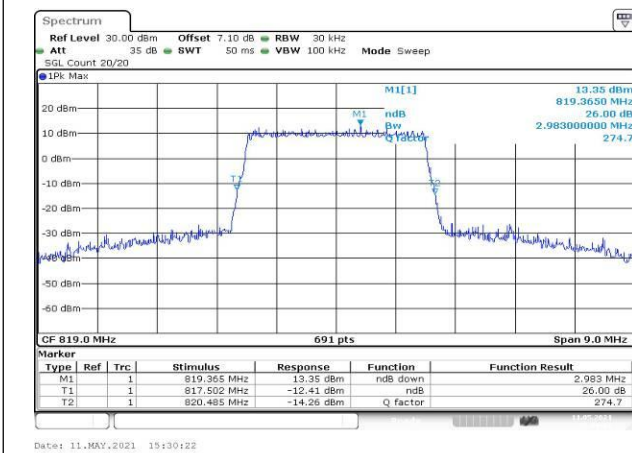


Fig.15

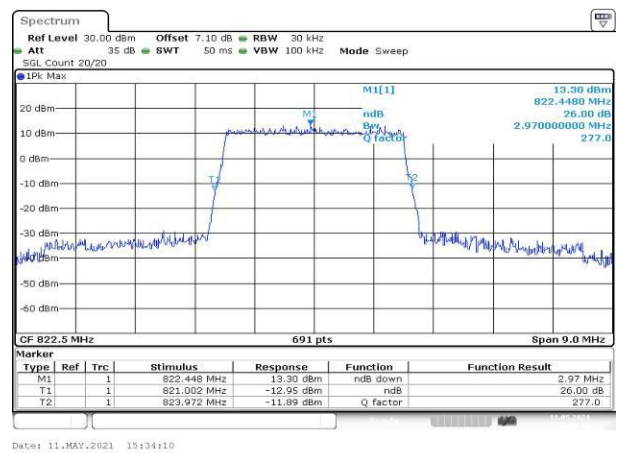


Fig.16

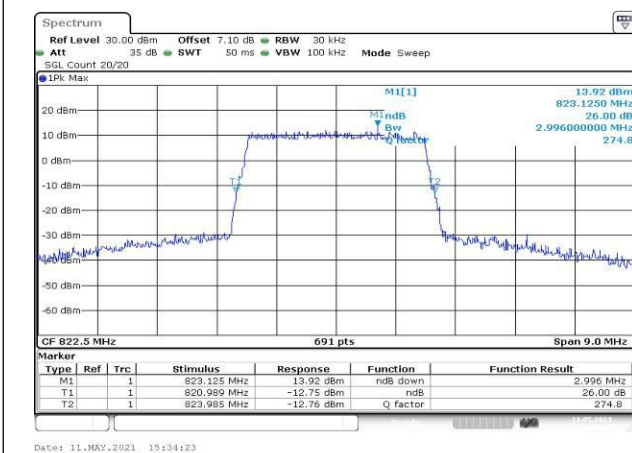


Fig.17

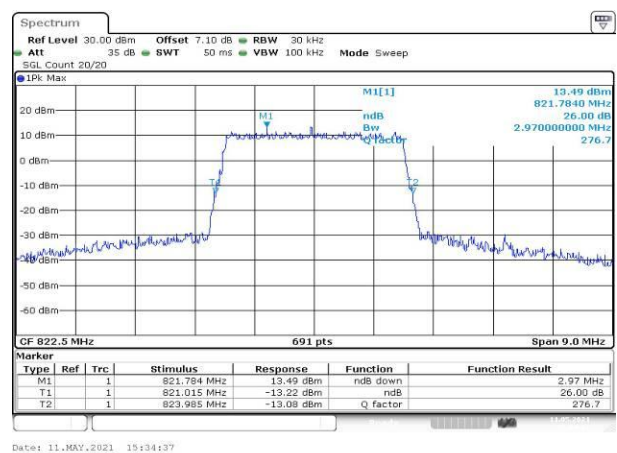


Fig.18

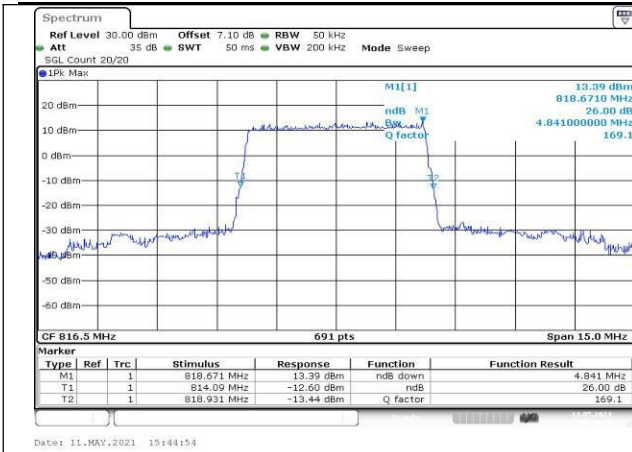


Fig.19

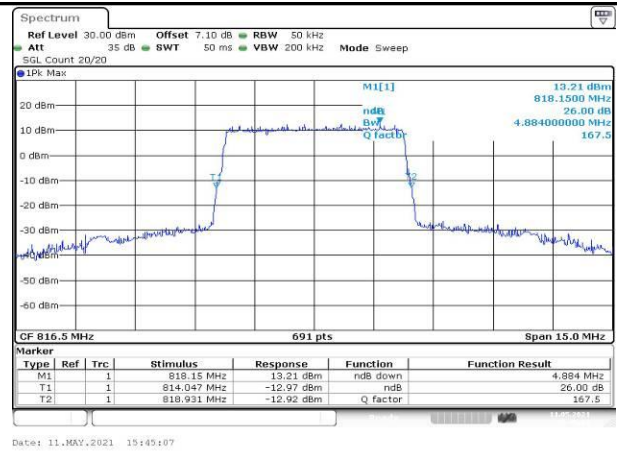


Fig.20

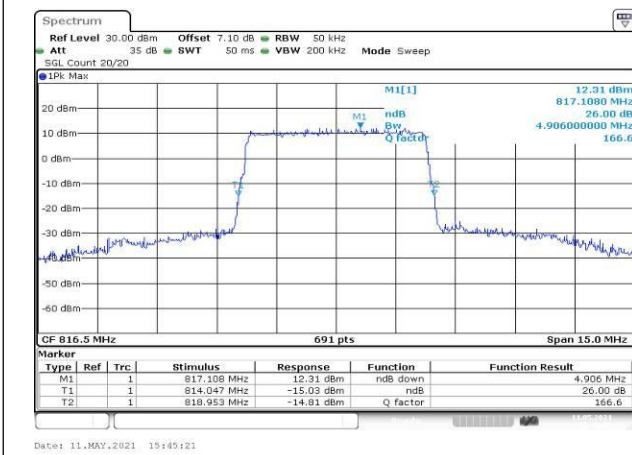


Fig.21

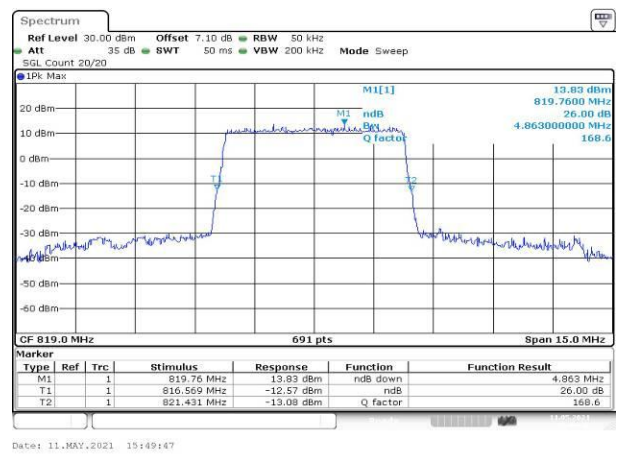


Fig.22

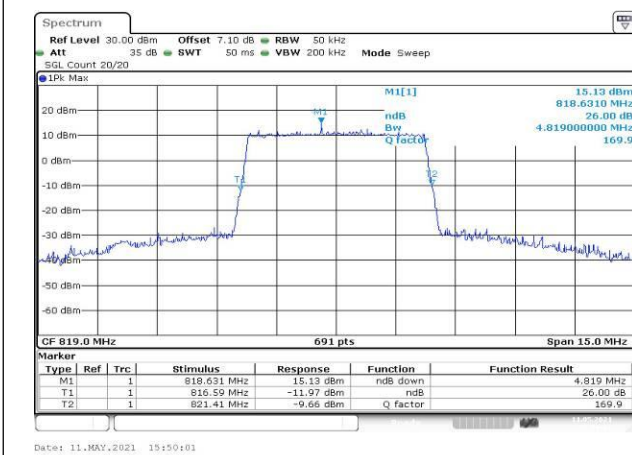


Fig.23

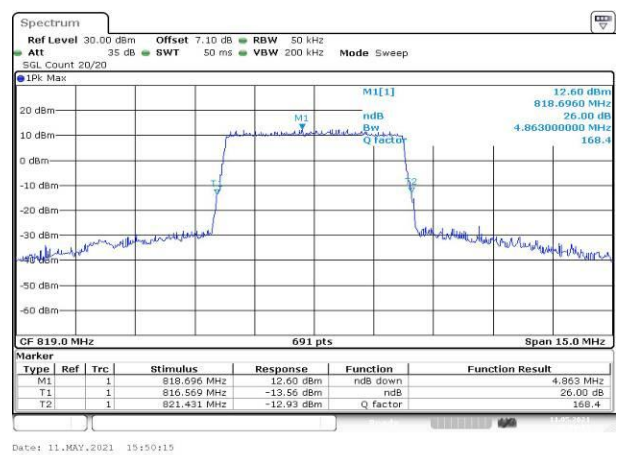


Fig.24

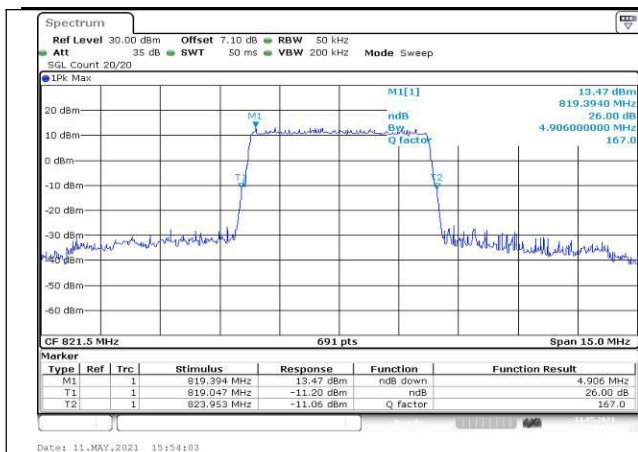


Fig.25

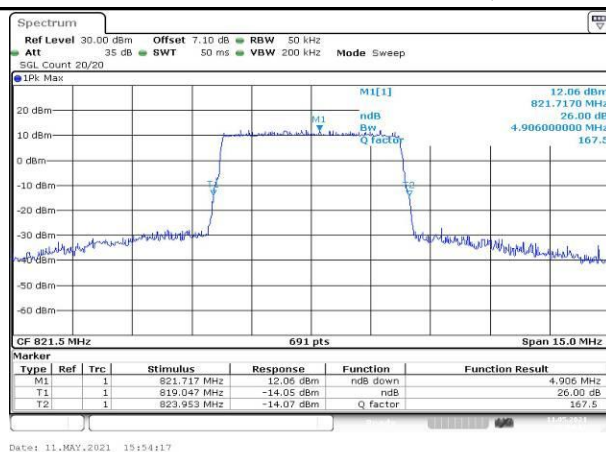


Fig.26

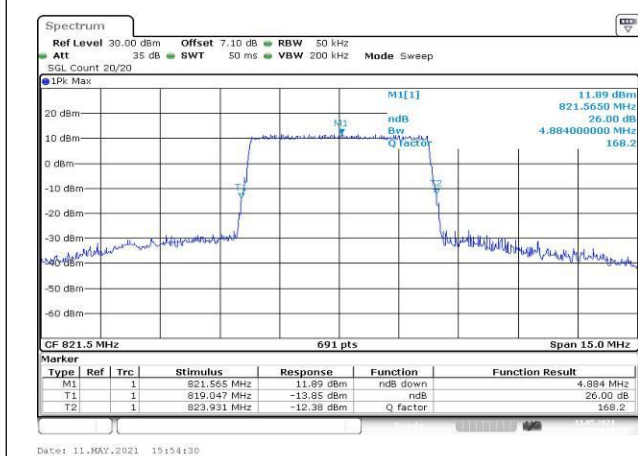


Fig.27

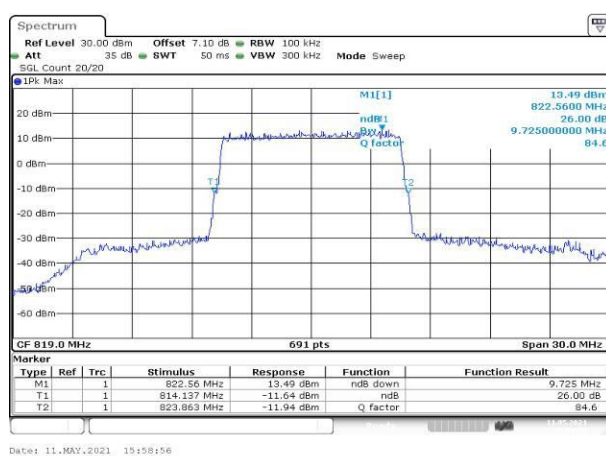


Fig.28

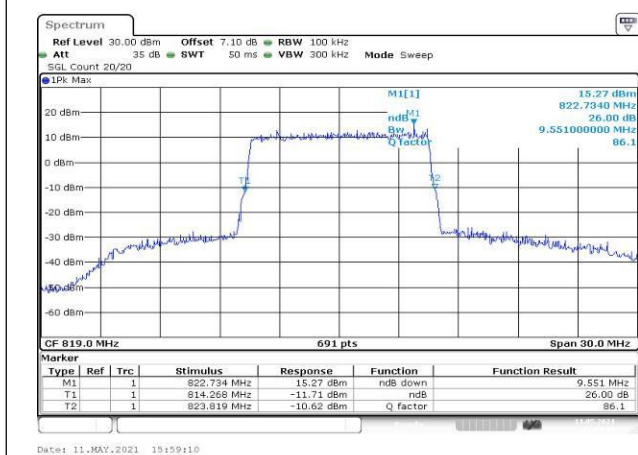


Fig.29

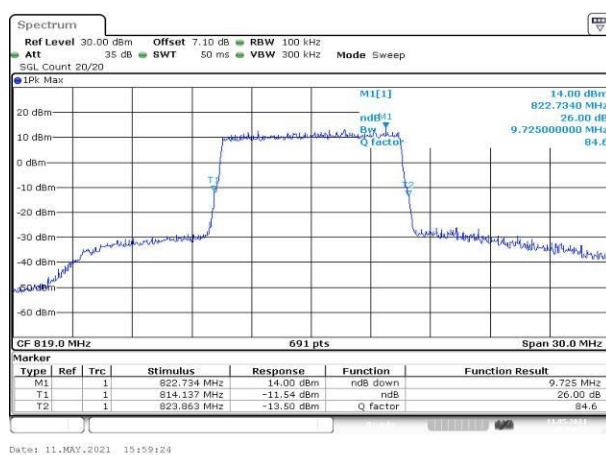


Fig.30

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

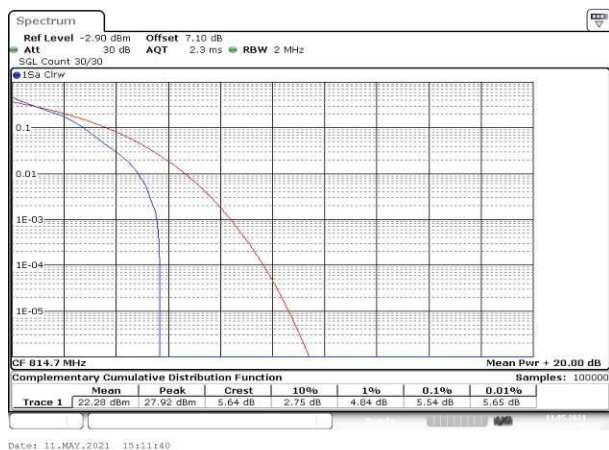


Fig.1

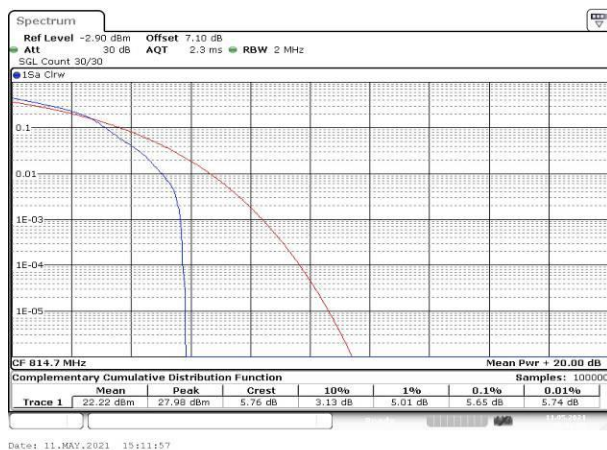


Fig.2

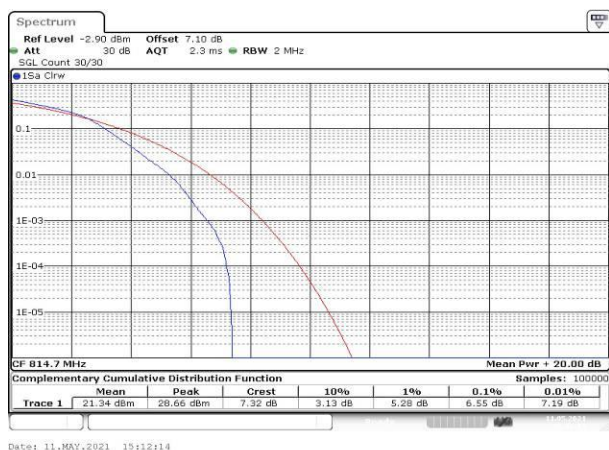


Fig.3

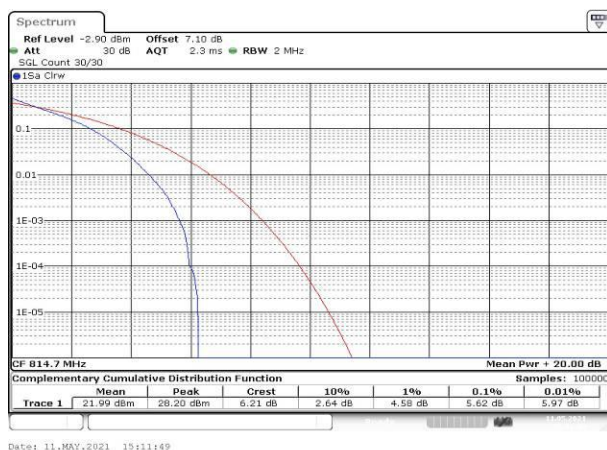


Fig.4

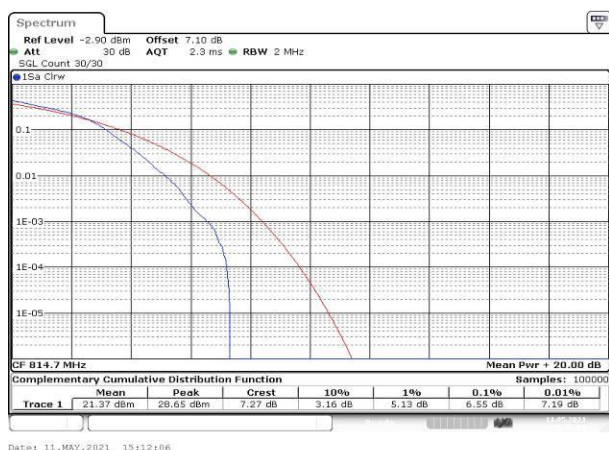


Fig.5

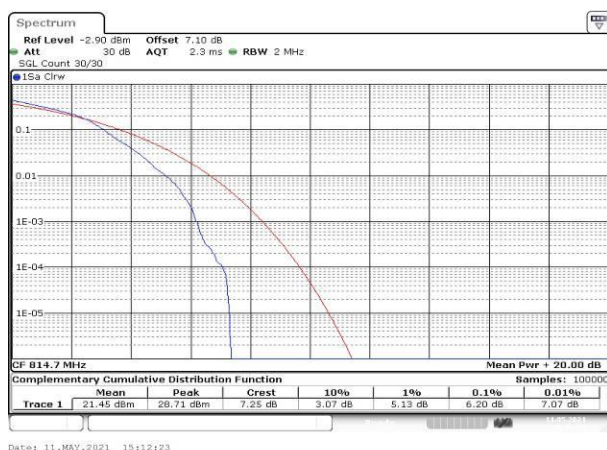


Fig.6

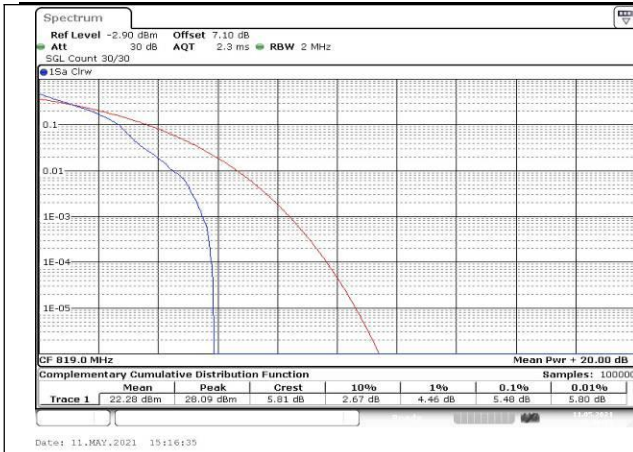


Fig.7

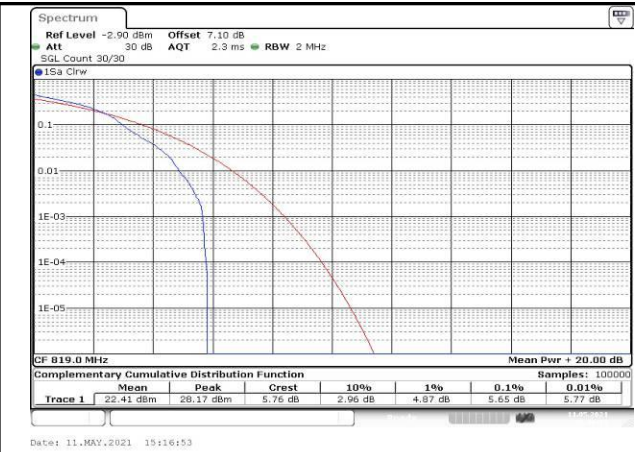


Fig.8

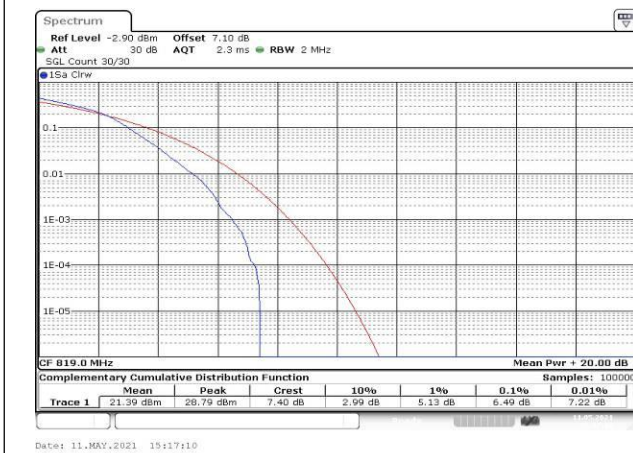


Fig.9

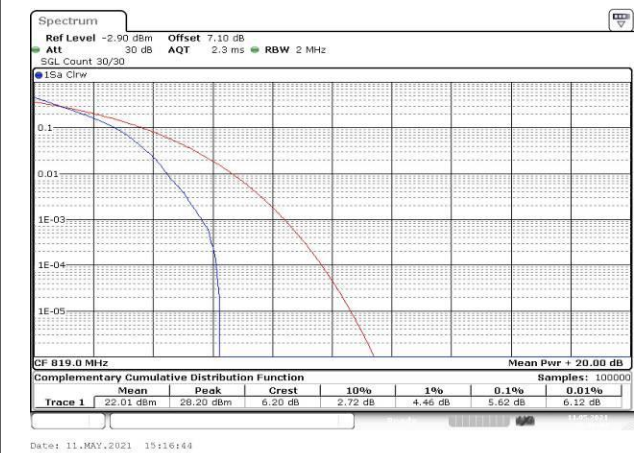


Fig.10

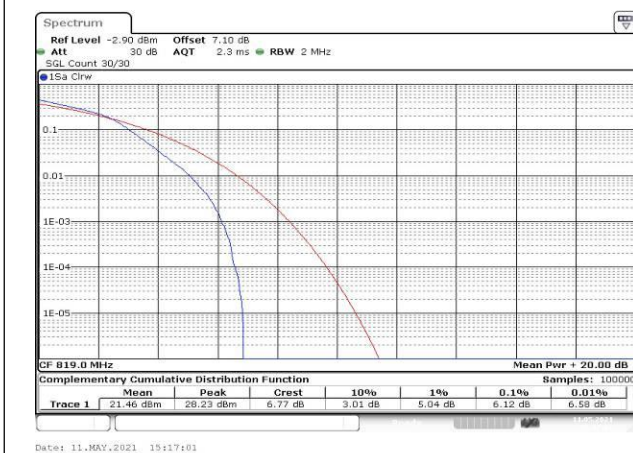


Fig.11

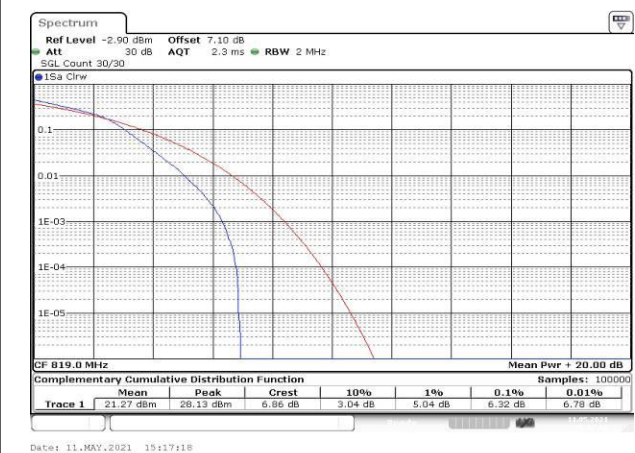


Fig.12

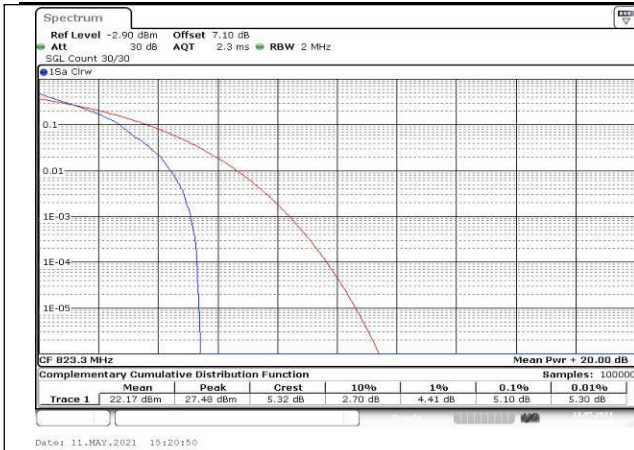


Fig.13

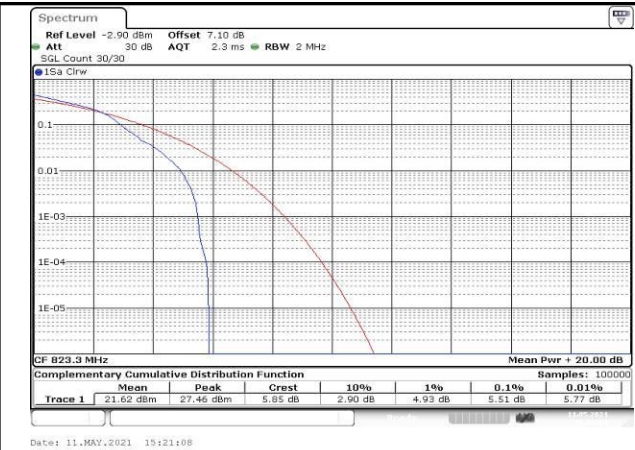


Fig.14

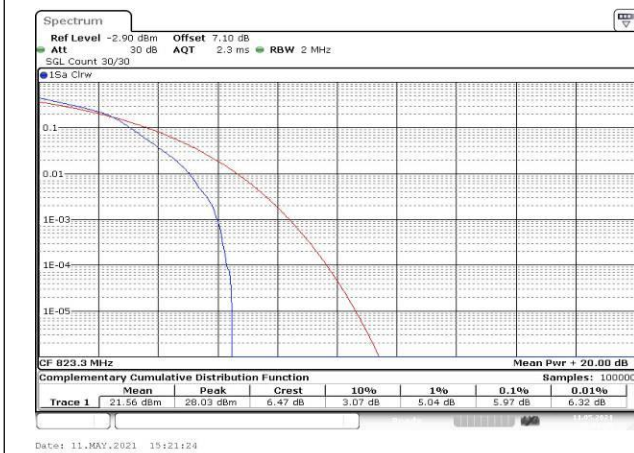


Fig.15

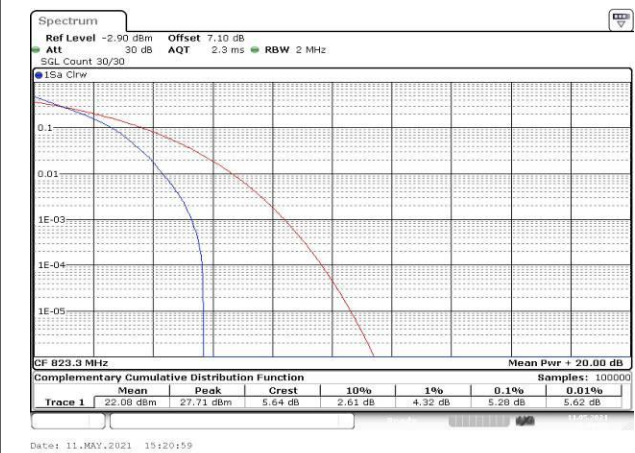


Fig.16

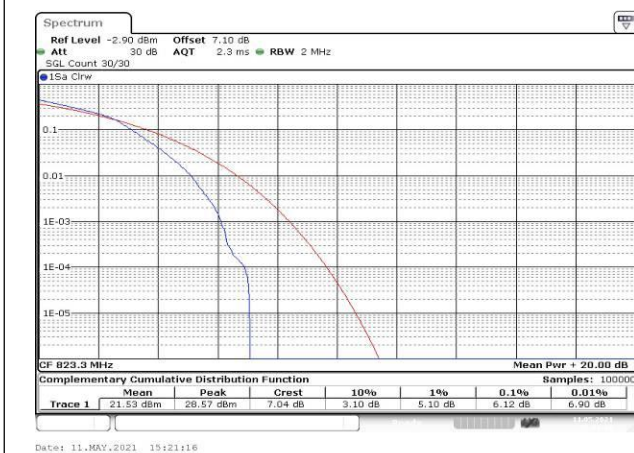


Fig.17

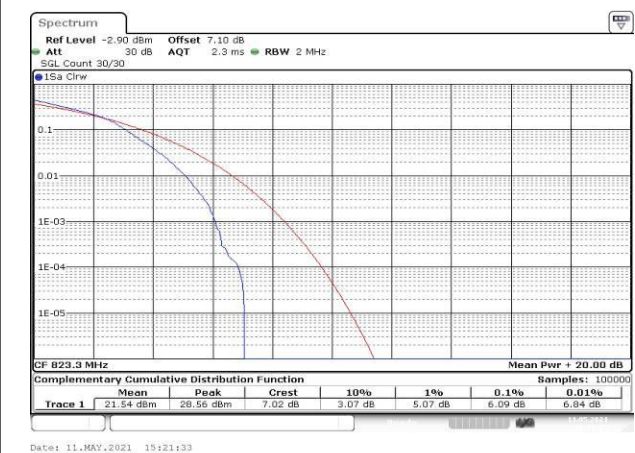


Fig.18

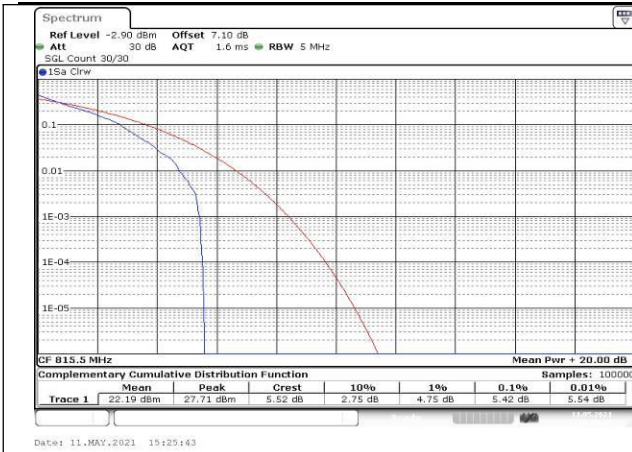


Fig.19

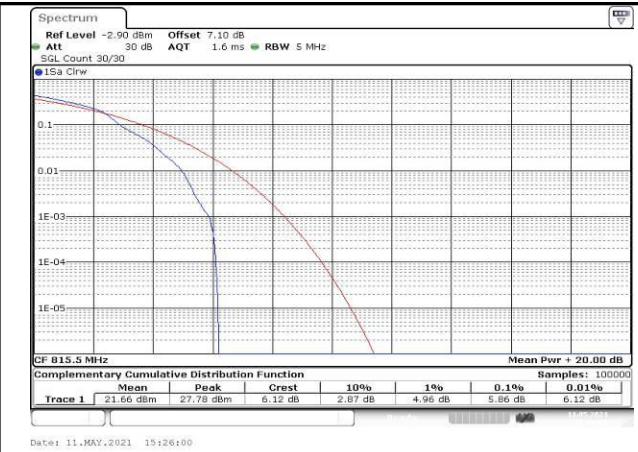


Fig.20

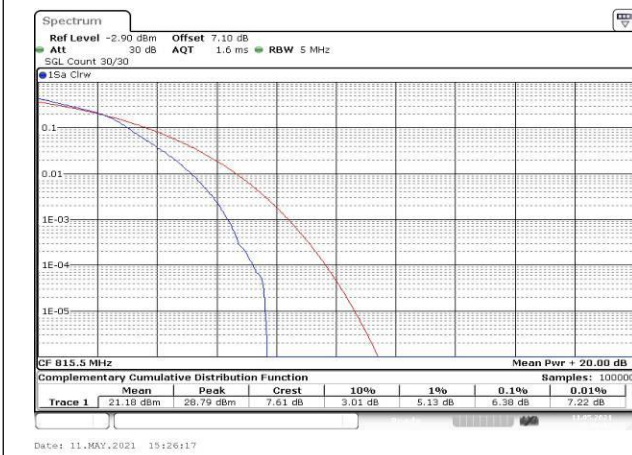


Fig.21

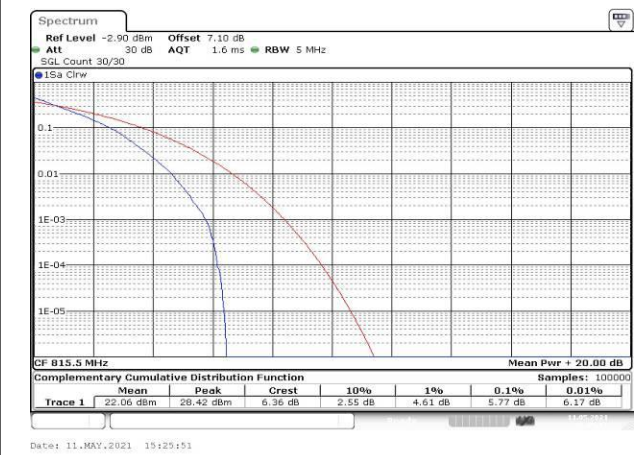


Fig.22

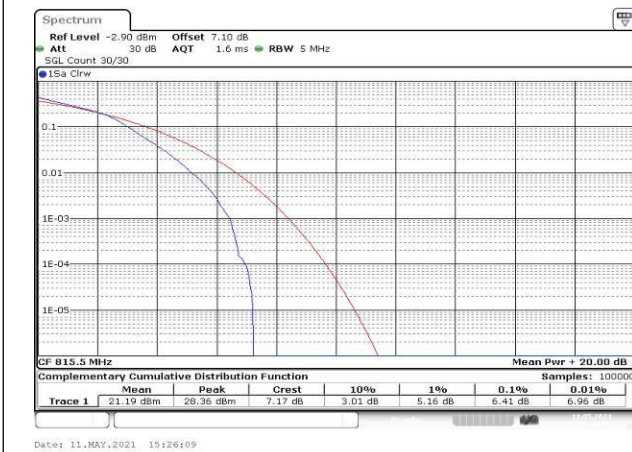


Fig.23

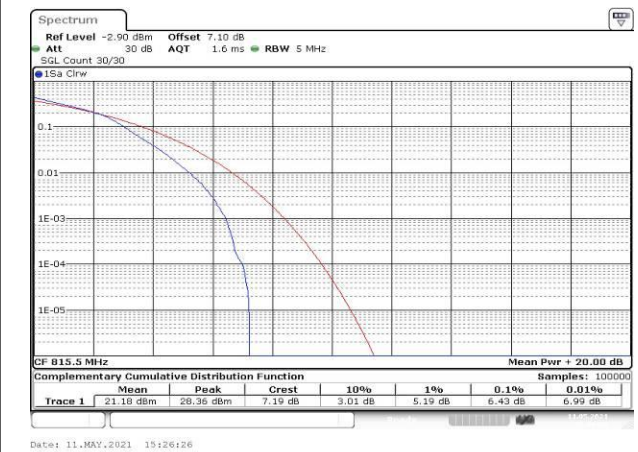


Fig.24