

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 26(824-849)

1 RF Power Output

Rx Power Output							
Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	
QPSK	824.7	26797	1.4	1	0	24.66	
				1	3	24.59	
				1	5	24.56	
				3	0	24.56	
				3	1	24.45	
				3	3	24.61	
				6	0	23.49	
	836.5	26915		1	0	24.49	
				1	3	24.55	
				1	5	24.54	
				3	0	24.69	
				3	1	24.63	
				3	3	24.63	
				6	0	23.53	
	848.3	27033		1	0	24.47	
				1	3	24.49	
				1	5	24.47	
				3	0	24.62	
				3	1	24.58	
				3	3	24.57	
				6	0	23.60	
	16QAM	824.7		26797	1	0	23.08
					1	3	23.10
					1	5	23.10
3					0	23.40	
3					1	23.48	
3					3	23.44	
6					0	22.70	
836.5		26915		1	0	24.13	
				1	3	24.27	
				1	5	24.27	
				3	0	23.75	
				3	1	23.81	
				3	3	23.81	
				6	0	22.88	
848.3		27033		1	0	24.40	
				1	3	24.43	
				1	5	24.42	
				3	0	23.41	
				3	1	23.34	
				3	3	23.35	
				6	0	22.51	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	824.7	26797	1.4	1	0	22.69
				1	3	22.68
				1	5	22.68
				3	0	22.67
				3	1	22.68
				3	3	22.67
				6	0	22.67
	836.5	26915		1	0	22.83
				1	3	22.88
				1	5	22.93
				3	0	22.68
				3	1	22.68
				3	3	22.68
				6	0	22.68
	848.3	27033		1	0	22.51
				1	3	22.52
				1	5	22.52
				3	0	22.52
				3	1	22.52
				3	3	22.52
				6	0	22.52

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	825.5	26805	3	1	0	24.37
				1	8	24.45
				1	14	24.43
				8	0	23.59
				8	4	23.59
				8	7	23.58
				15	0	23.51
	836.5	26915		1	0	24.41
				1	8	24.55
				1	14	24.55
				8	0	23.50
				8	4	23.61
				8	7	23.61
				15	0	23.57
	847.5	27025		1	0	24.61
				1	8	24.60
				1	14	24.65
				8	0	23.52
				8	4	23.52
				8	7	23.51
				15	0	23.37
16QAM	825.5	26805	1	0	24.00	
			1	8	23.99	
			1	14	24.04	
			8	0	23.06	
			8	4	22.99	
			8	7	23.05	
			15	0	22.79	
	836.5	26915	1	0	24.49	
			1	8	23.90	
			1	14	23.91	
			8	0	22.73	
			8	4	22.77	
			8	7	22.63	
			15	0	22.78	
	847.5	27025	1	0	23.36	
			1	8	23.47	
			1	14	23.47	
			8	0	22.80	
			8	4	22.71	
			8	7	22.71	
			15	0	22.50	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	825.5	26805	3	1	0	22.67
				1	8	22.68
				1	14	22.68
				8	0	22.68
				8	4	22.80
				8	7	22.68
				15	0	22.80
	836.5	26915		1	0	22.79
				1	8	22.74
				1	14	22.79
				8	0	22.74
				8	4	22.79
				8	7	22.74
				15	0	22.69
	847.5	27025		1	0	22.55
				1	8	22.56
				1	14	22.69
				8	0	22.65
				8	4	22.60
				8	7	22.60
				15	0	22.70

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	
QPSK	826.5	26815	5	1	0	24.52	
				1	12	24.45	
				1	24	24.53	
				12	0	23.53	
				12	7	23.57	
				12	13	23.56	
				25	0	23.59	
	836.5	26915		1	0	24.67	
				1	12	24.64	
				1	24	24.64	
				12	0	23.49	
				12	7	23.54	
				12	13	23.54	
				25	0	23.51	
	846.5	27015		1	0	24.37	
				1	12	24.54	
				1	24	24.53	
				12	0	23.60	
				12	7	23.57	
				12	13	23.57	
				25	0	23.56	
	16QAM	826.5		26815	1	0	22.82
					1	12	22.91
					1	24	22.90
12					0	22.73	
12					7	22.66	
12					13	22.66	
25					0	22.80	
836.5		26915		1	0	23.64	
				1	12	23.58	
			1	24	23.80		
			12	0	22.67		
			12	7	22.63		
			12	13	22.78		
			25	0	22.70		
846.5		27015	1	0	23.65		
			1	12	23.60		
			1	24	23.59		
			12	0	22.61		
			12	7	22.65		
			12	13	22.66		
			25	0	22.78		

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	826.5	26815	5	1	0	22.80
				1	12	22.80
				1	24	22.79
				12	0	22.79
				12	7	22.79
				12	13	22.79
				25	0	22.79
	836.5	26915		1	0	22.70
				1	12	22.71
				1	24	22.70
				12	0	22.65
				12	7	22.71
				12	13	22.71
				25	0	22.71
	846.5	27015		1	0	22.78
				1	12	22.51
				1	24	22.51
				12	0	22.51
				12	7	22.51
				12	13	22.51
				25	0	22.51

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	
QPSK	829	26840	10	1	0	24.40	
				1	25	24.54	
				1	49	24.47	
				25	0	23.53	
				25	12	23.54	
				25	25	23.53	
	50	0		23.52			
	836.5	26915		1	0	24.68	
				1	25	24.58	
				1	49	24.68	
				25	0	23.54	
				25	12	23.61	
				25	25	23.62	
	50	0		23.66			
	844	26990		1	0	24.46	
				1	25	24.52	
				1	49	24.51	
				25	0	23.42	
				25	12	23.61	
				25	25	23.61	
	16QAM	829		26840	50	0	23.36
					1	0	24.17
					1	25	24.05
					1	49	23.97
25					0	22.71	
25					12	22.80	
25		25		22.80			
50		0		22.80			
836.5		26915		1	0	24.41	
				1	25	24.40	
			1	49	24.25		
			25	0	22.72		
			25	12	22.72		
			25	25	22.63		
50		0	22.79				
844		26990	1	0	23.49		
			1	25	23.50		
			1	49	23.49		
			25	0	22.87		
			25	12	22.80		
			25	25	22.80		
50		0	22.60				

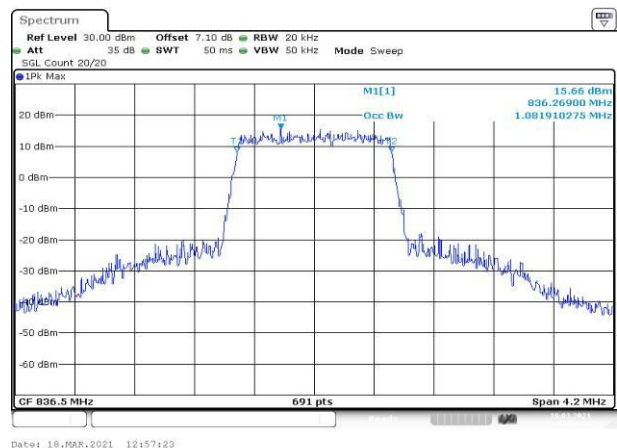
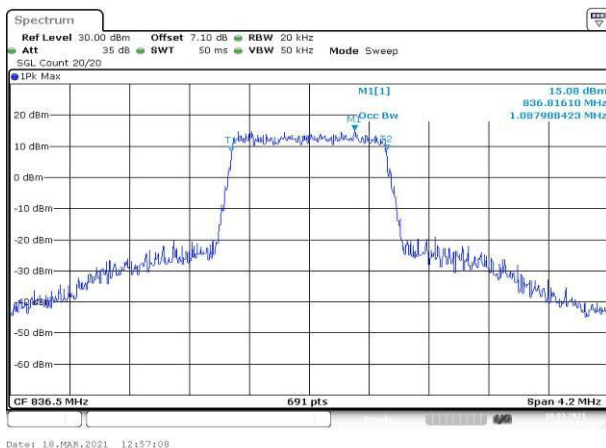
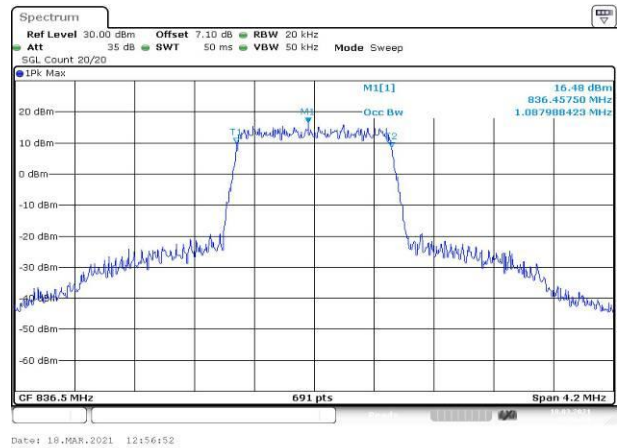
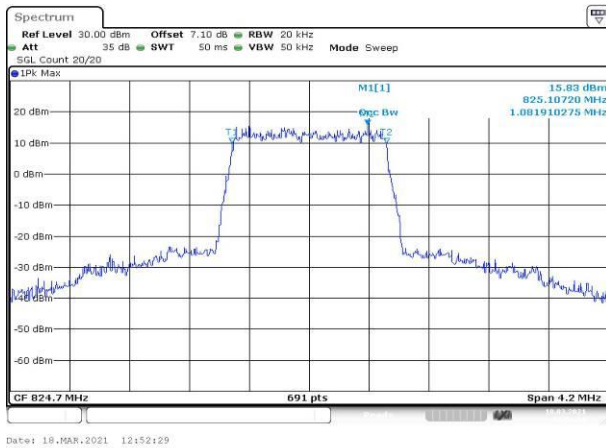
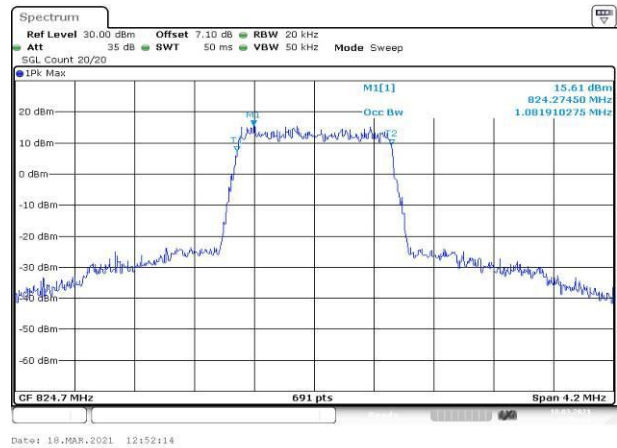
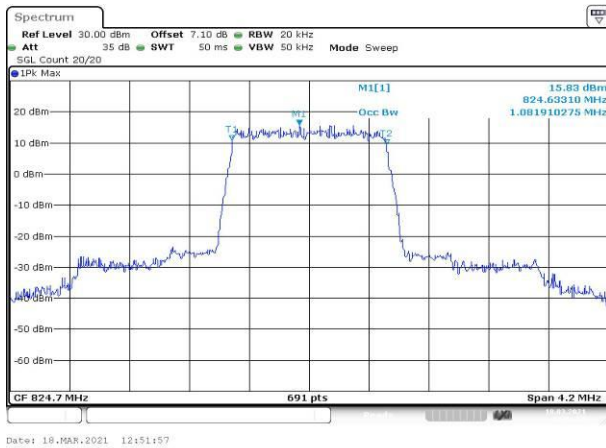
Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	829	26840	10	1	0	22.69
				1	25	22.69
				1	49	22.69
				25	0	22.69
				25	12	22.69
				25	25	22.69
				50	0	22.69
	836.5	26915		1	0	22.80
				1	25	22.80
				1	49	22.80
				25	0	22.69
				25	12	22.80
				25	25	22.70
				50	0	22.80
	844	26990		1	0	22.61
				1	25	22.61
				1	49	22.61
				25	0	22.61
				25	12	22.61
				25	25	22.61
				50	0	22.61

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	831.5	26865	15	1	0	24.50
				1	37	24.46
				1	74	24.46
				36	0	23.49
				36	29	23.60
				36	30	23.61
				75	0	23.46
	836.5	26915		1	0	24.64
				1	37	24.59
				1	74	24.58
				36	0	23.60
				36	29	23.60
				36	30	23.61
				75	0	23.61
	841.5	26965		1	0	24.47
				1	37	24.36
				1	74	24.35
				36	0	23.49
				36	29	23.51
				36	30	23.51
				75	0	23.43
16QAM	831.5	26865		1	0	24.08
				1	37	24.00
				1	74	23.92
				36	0	22.68
				36	29	22.70
				36	30	22.70
				75	0	22.67
	836.5	26915	1	0	23.80	
			1	37	23.65	
			1	74	23.61	
			36	0	22.97	
			36	29	22.70	
			36	30	22.70	
			75	0	22.67	
	841.5	26965	1	0	24.11	
			1	37	23.94	
			1	74	23.94	
			36	0	22.72	
			36	29	22.59	
			36	30	22.59	
			75	0	22.63	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	831.5	26865	15	1	0	22.67
				1	37	22.66
				1	74	22.66
				36	0	22.78
				36	29	22.77
				36	30	22.77
				75	0	22.66
	836.5	26915		1	0	22.83
				1	37	22.83
				1	74	22.83
				36	0	22.68
				36	29	22.68
				36	30	22.68
				75	0	22.68
	841.5	26965		1	0	22.63
				1	37	22.64
				1	74	22.64
				36	0	22.64
				36	29	22.64
				36	30	22.64
				75	0	22.64

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	824.7	26797	1.4	6	0	1.082	Fig.1	1.082	Fig.2	1.082	Fig.3
	836.5	26915		6	0	1.088	Fig.4	1.088	Fig.5	1.082	Fig.6
	848.3	27033		6	0	1.082	Fig.7	1.082	Fig.8	1.082	Fig.9
	825.5	26805	3	15	0	2.683	Fig.10	2.683	Fig.11	2.683	Fig.12
	836.5	26915		15	0	2.683	Fig.13	2.683	Fig.14	2.683	Fig.15
	847.5	27025		15	0	2.696	Fig.16	2.696	Fig.17	2.683	Fig.18
	826.5	26815	5	25	0	4.472	Fig.19	4.472	Fig.20	4.472	Fig.21
	836.5	26915		25	0	4.472	Fig.22	4.472	Fig.23	4.472	Fig.24
	846.5	27015		25	0	4.472	Fig.25	4.472	Fig.26	4.472	Fig.27
	829	26840	10	50	0	8.987	Fig.28	8.987	Fig.29	8.944	Fig.30
	836.5	26915		50	0	8.944	Fig.31	8.944	Fig.32	8.944	Fig.33
	844	26990		50	0	8.944	Fig.34	8.944	Fig.35	8.944	Fig.36
	831.5	26865	15	75	0	13.415	Fig.37	13.415	Fig.38	13.480	Fig.39
	836.5	26915		75	0	13.415	Fig.40	13.415	Fig.41	13.350	Fig.42
	841.5	26965		75	0	13.480	Fig.43	13.415	Fig.44	13.415	Fig.45



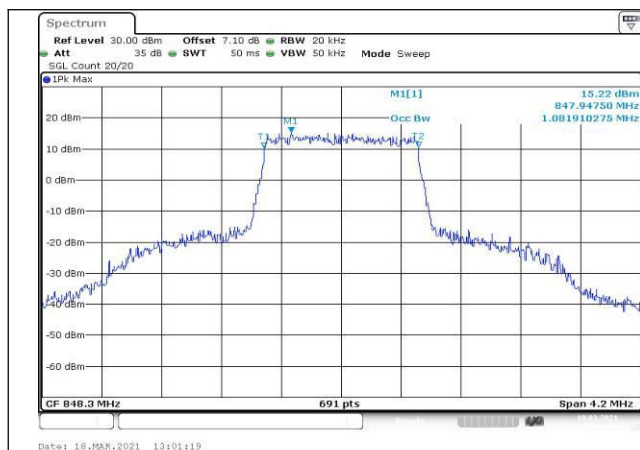


Fig.7

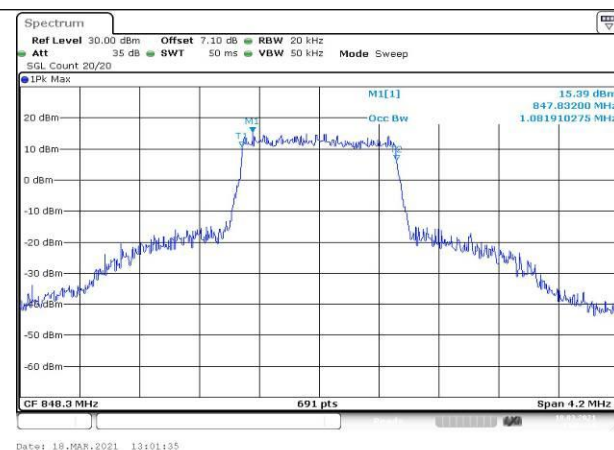


Fig.8

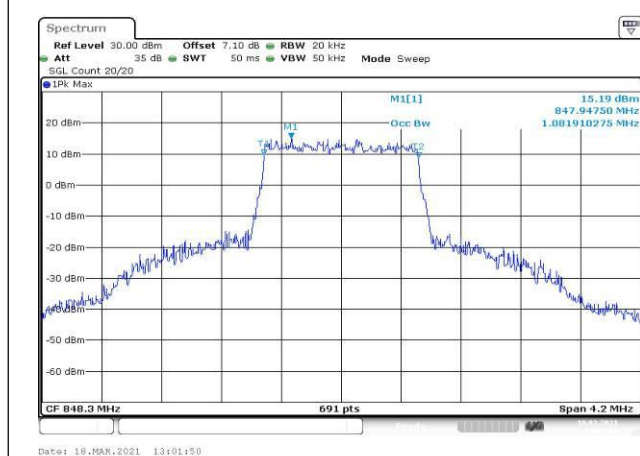


Fig.9

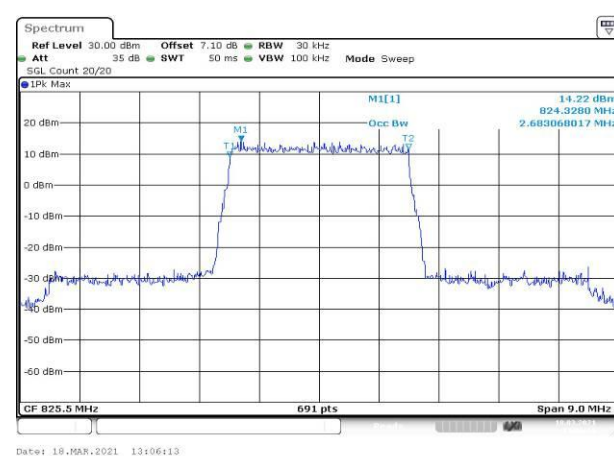


Fig.10

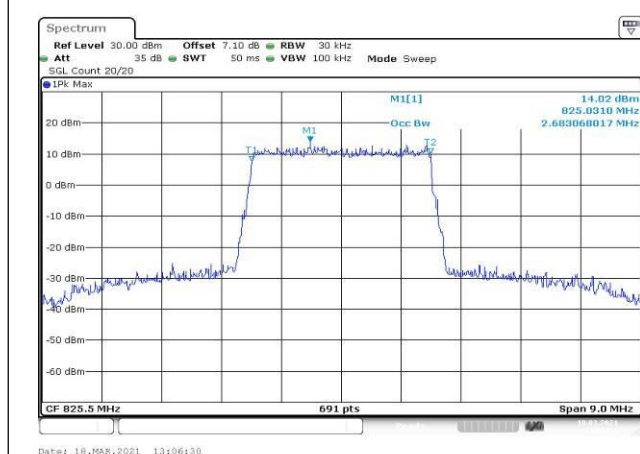


Fig.11

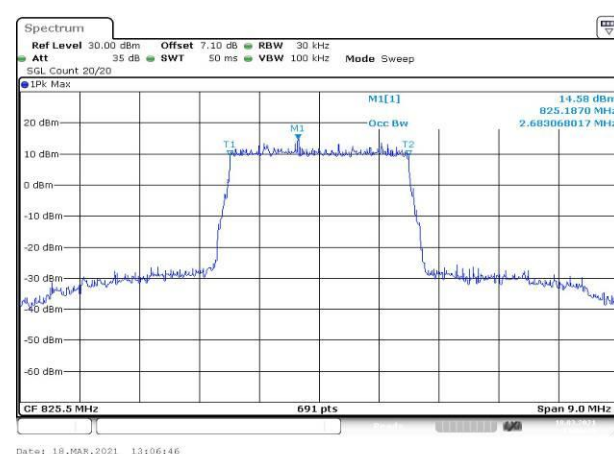
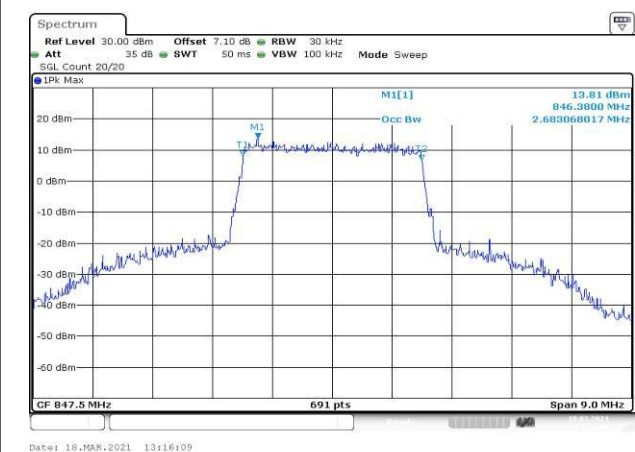
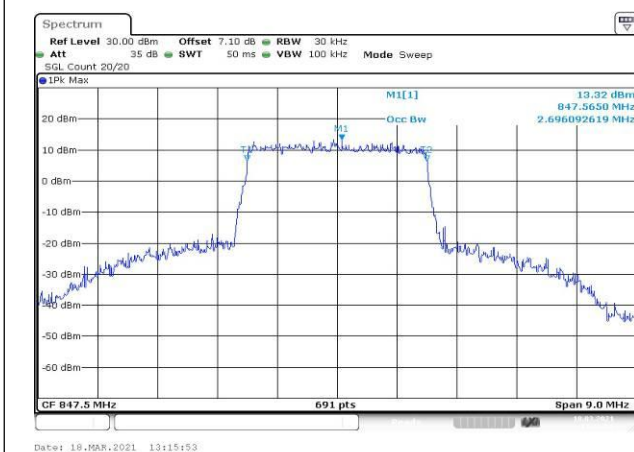
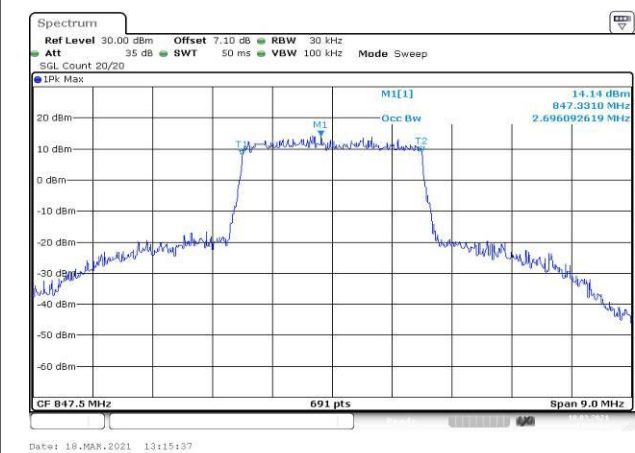
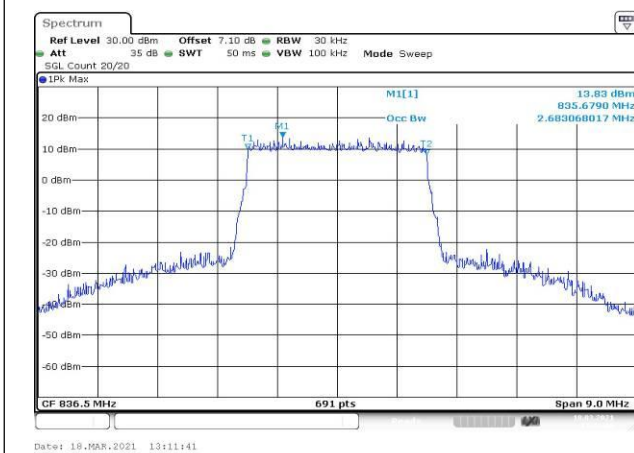
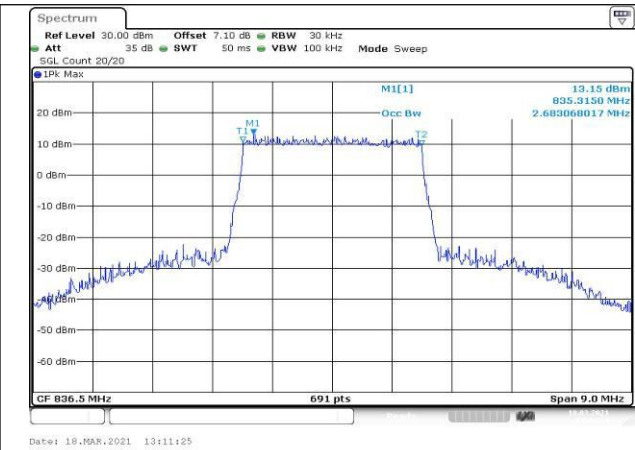
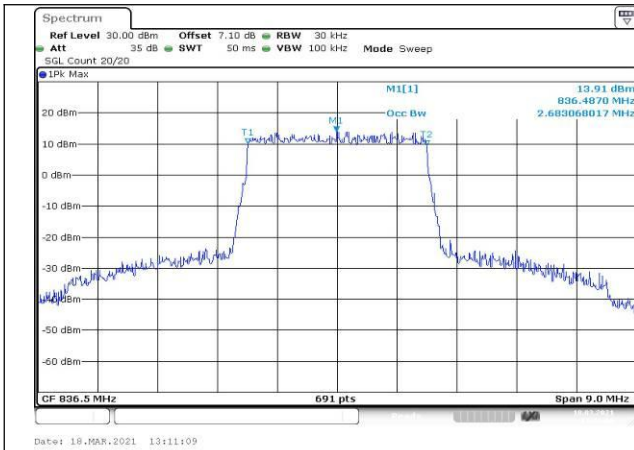
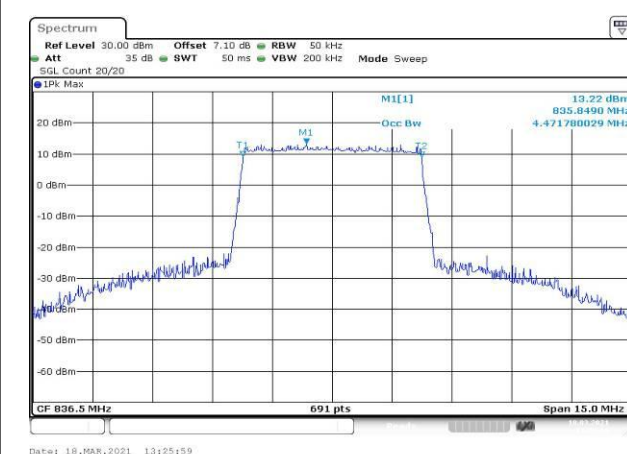
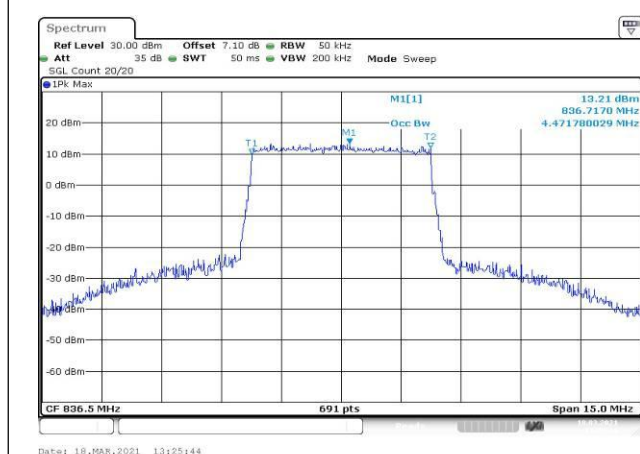
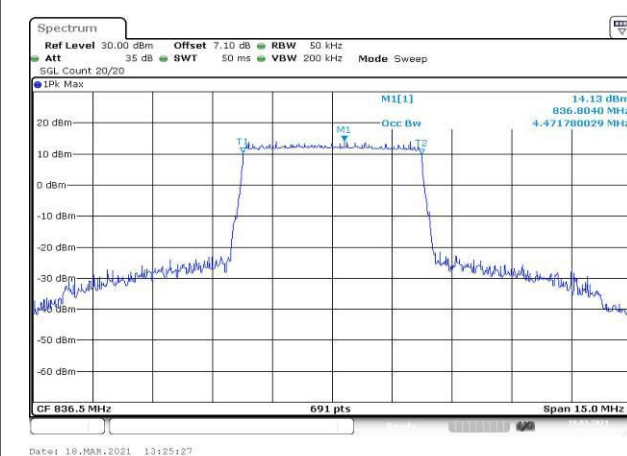
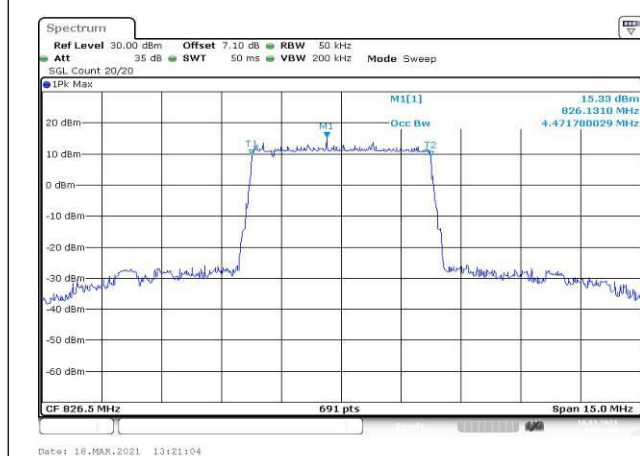
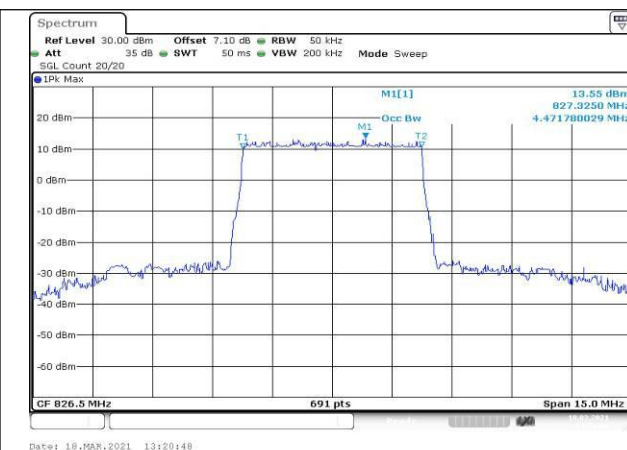
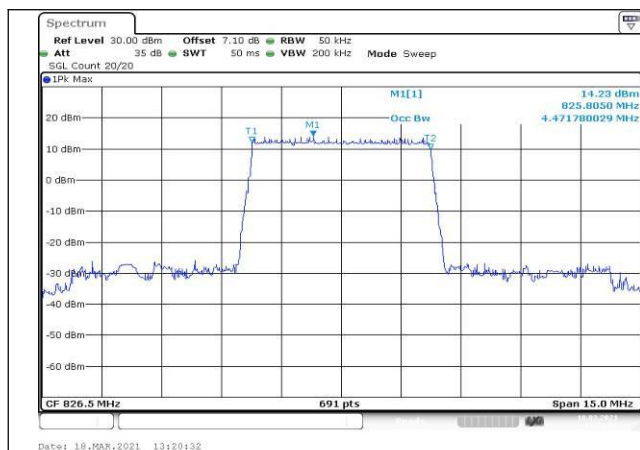
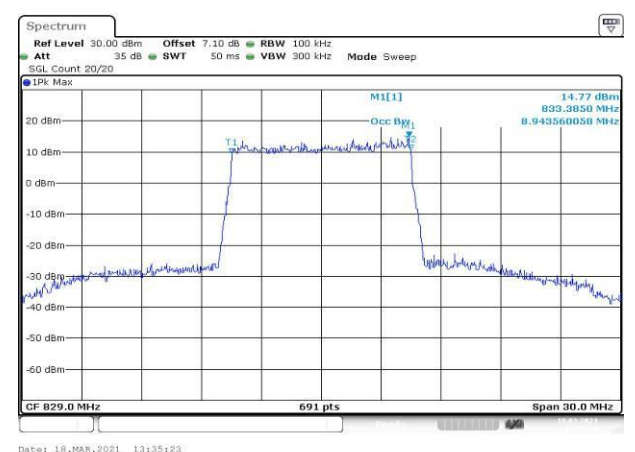
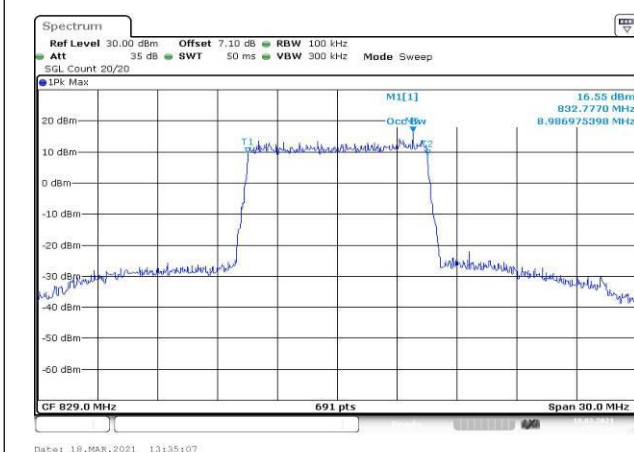
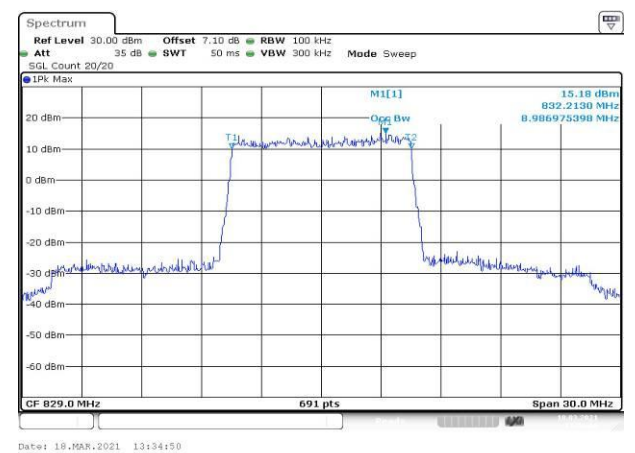
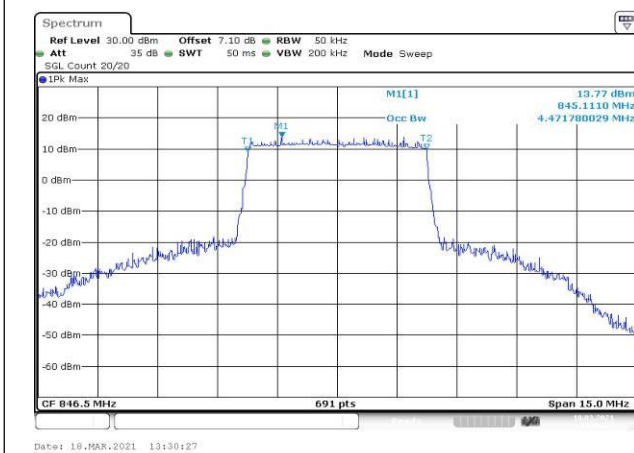
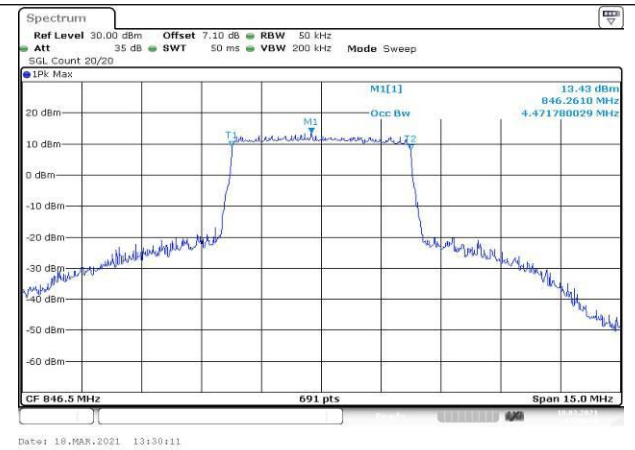
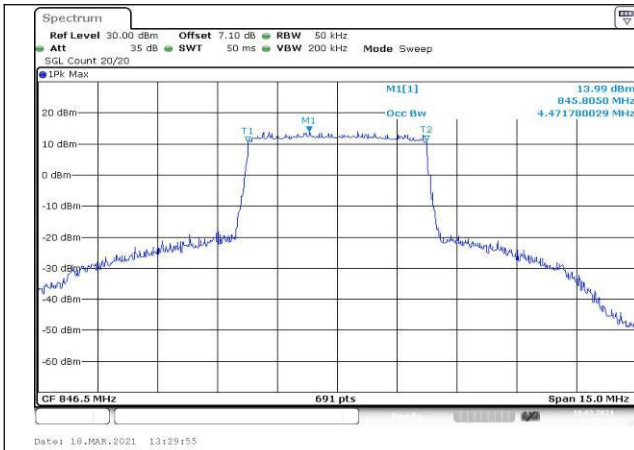
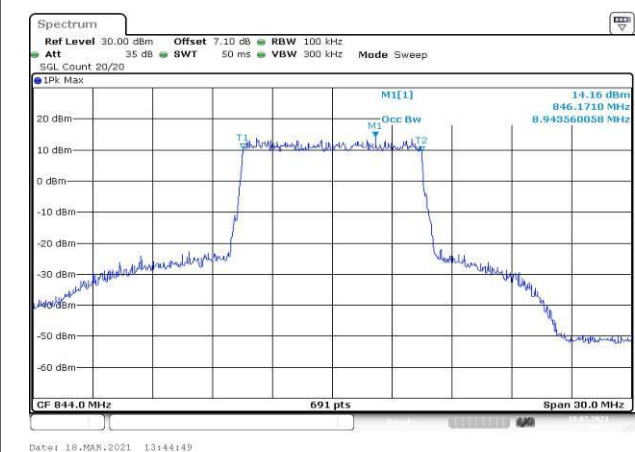
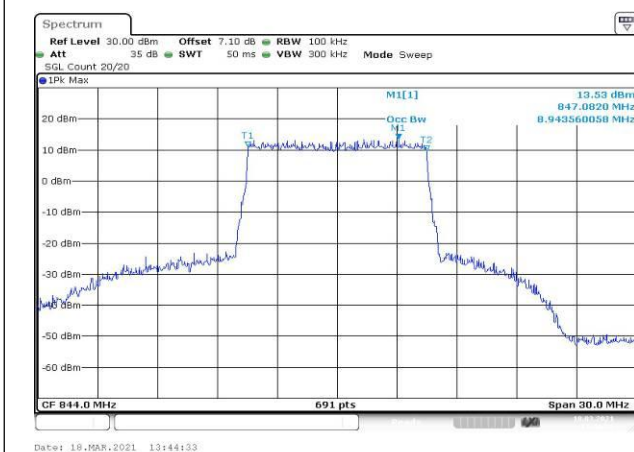
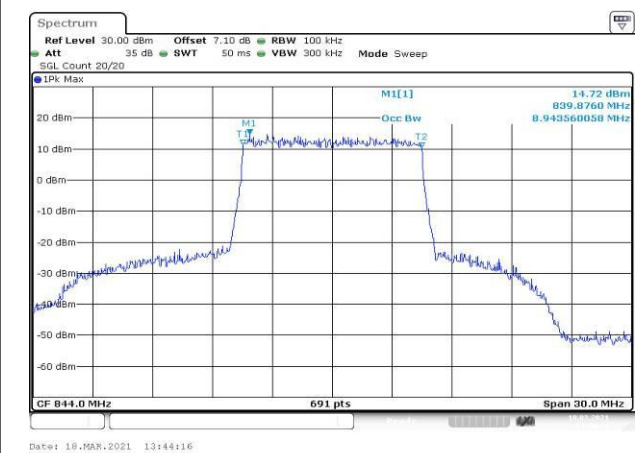
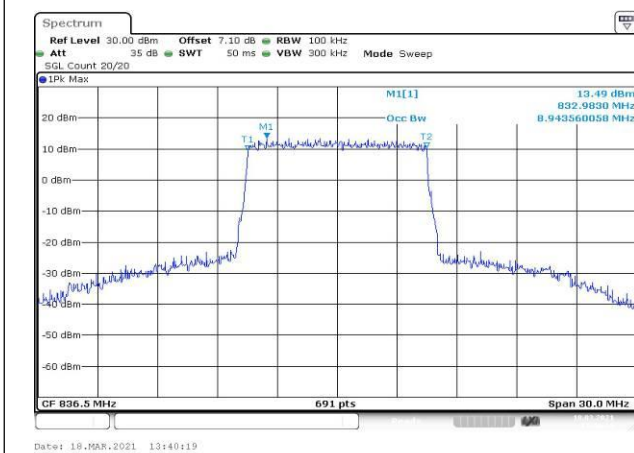
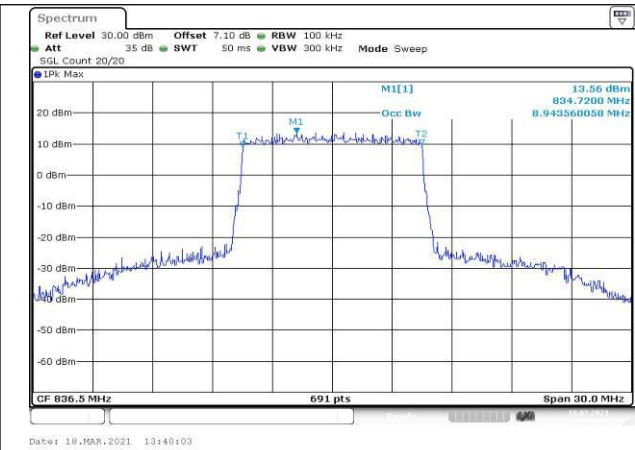
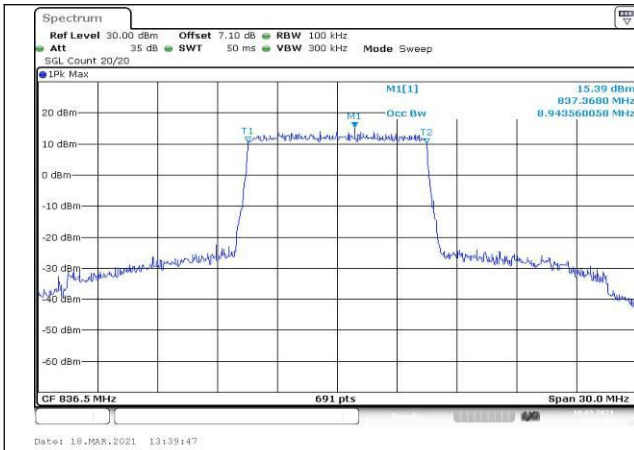


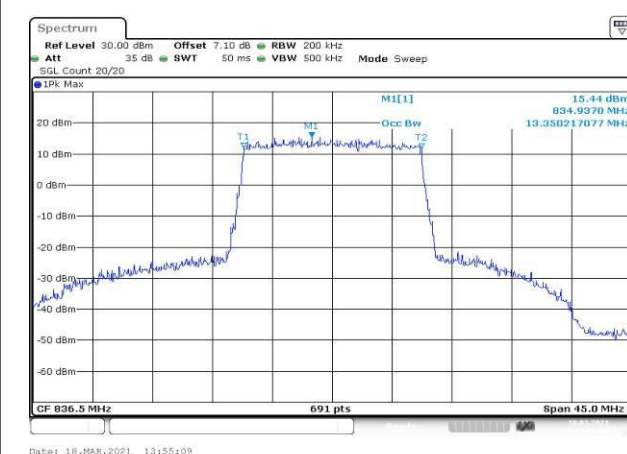
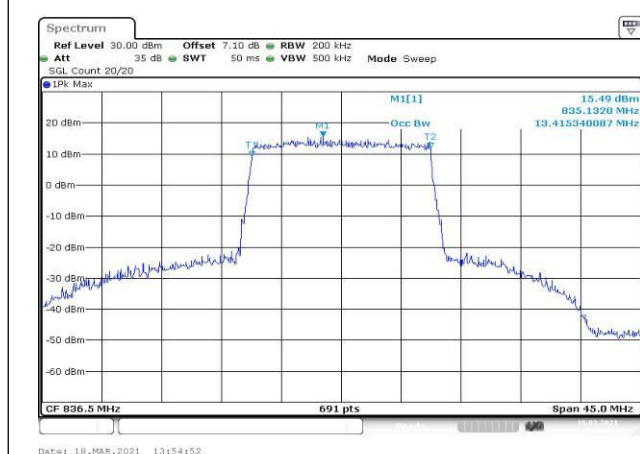
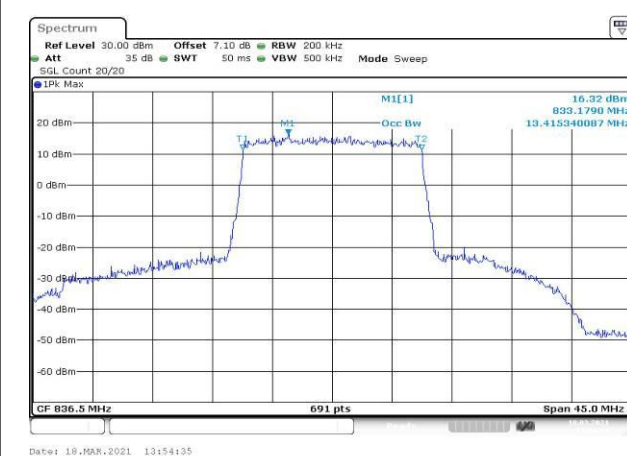
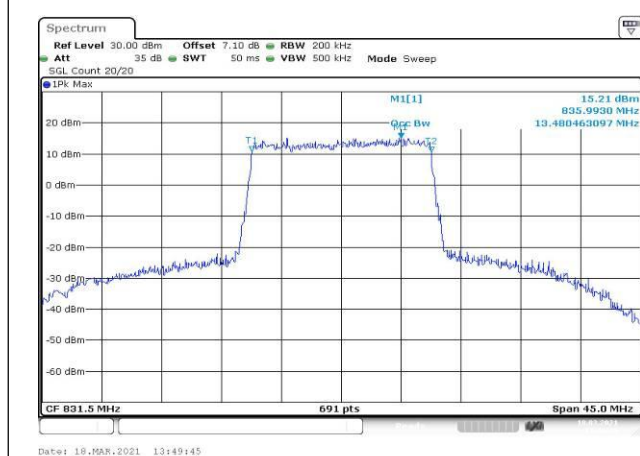
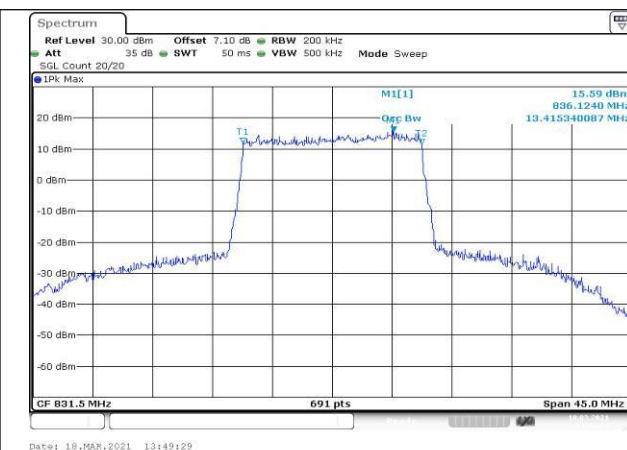
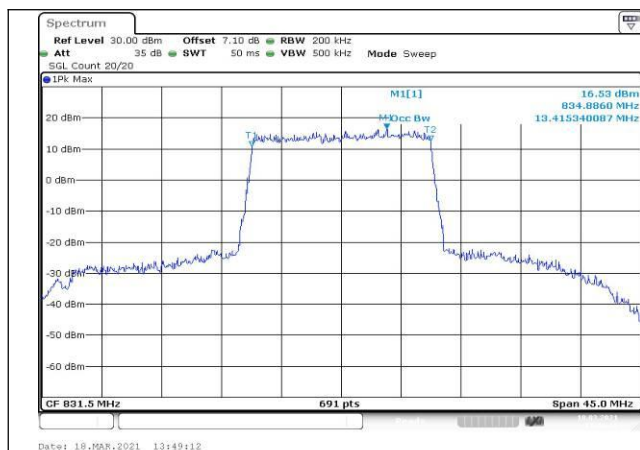
Fig.12











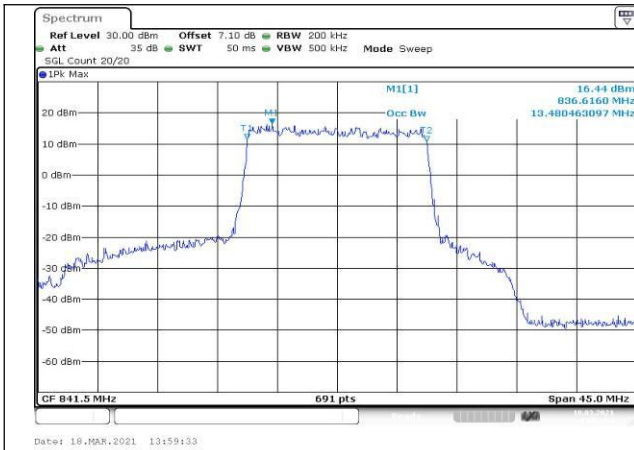


Fig.43



Fig.44

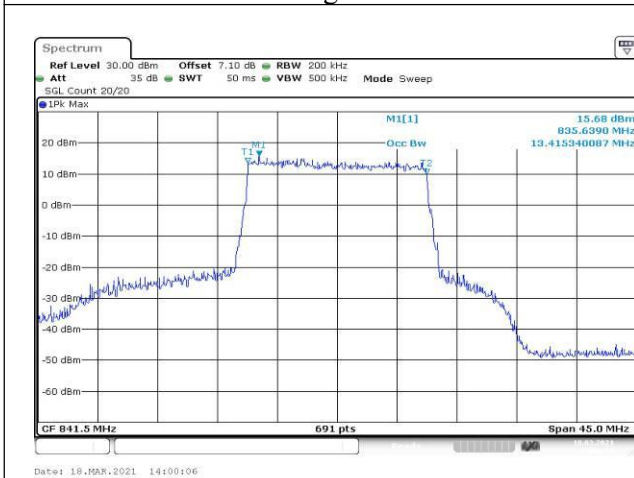


Fig.45

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	824.7	26797	1.4	6	0	1.234	Fig.1	1.228	Fig.2	1.234	Fig.3
	836.5	26915		6	0	1.228	Fig.4	1.222	Fig.5	1.234	Fig.6
	848.3	27033		6	0	1.252	Fig.7	1.228	Fig.8	1.228	Fig.9
	825.5	26805	3	15	0	2.957	Fig.10	2.970	Fig.11	2.970	Fig.12
	836.5	26915		15	0	2.944	Fig.13	2.996	Fig.14	2.983	Fig.15
	847.5	27025		15	0	2.983	Fig.16	3.022	Fig.17	3.009	Fig.18
	826.5	26815	5	25	0	4.906	Fig.19	4.841	Fig.20	4.863	Fig.21
	836.5	26915		25	0	4.884	Fig.22	4.906	Fig.23	4.863	Fig.24
	846.5	27015		25	0	4.863	Fig.25	4.906	Fig.26	4.906	Fig.27
	829	26840	10	50	0	9.638	Fig.28	9.595	Fig.29	9.812	Fig.30
	836.5	26915		50	0	9.725	Fig.31	9.682	Fig.32	9.682	Fig.33
	844	26990		50	0	9.682	Fig.34	9.682	Fig.35	9.768	Fig.36
	831.5	26865	15	75	0	14.718	Fig.37	14.718	Fig.38	14.588	Fig.39
	836.5	26915		75	0	14.653	Fig.40	14.588	Fig.41	14.848	Fig.42
	841.5	26965		75	0	14.783	Fig.43	14.653	Fig.44	14.718	Fig.45

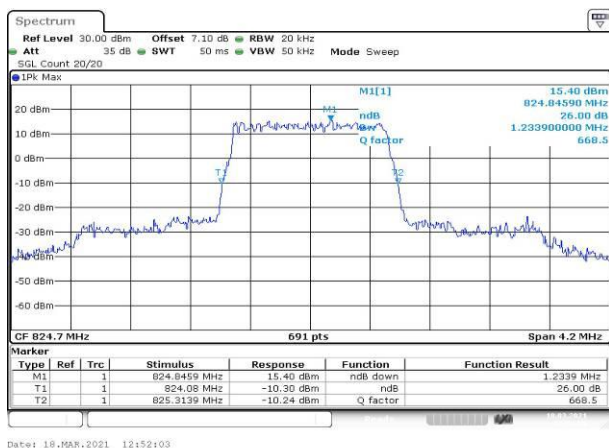


Fig.1

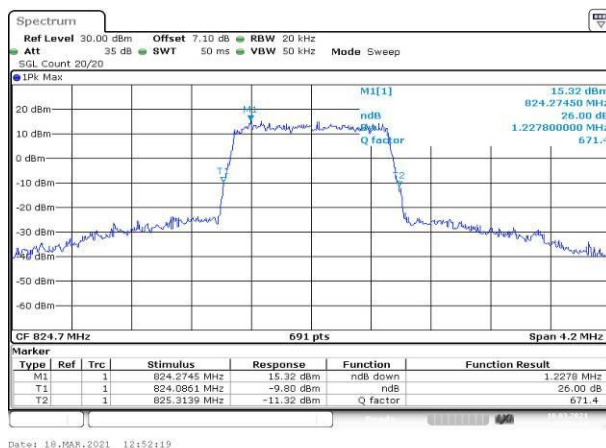


Fig.2

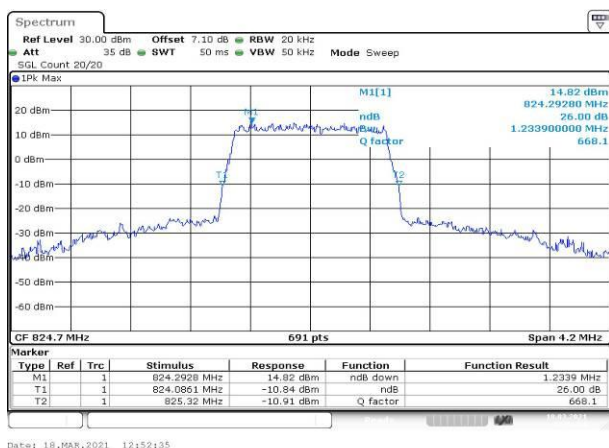


Fig.3

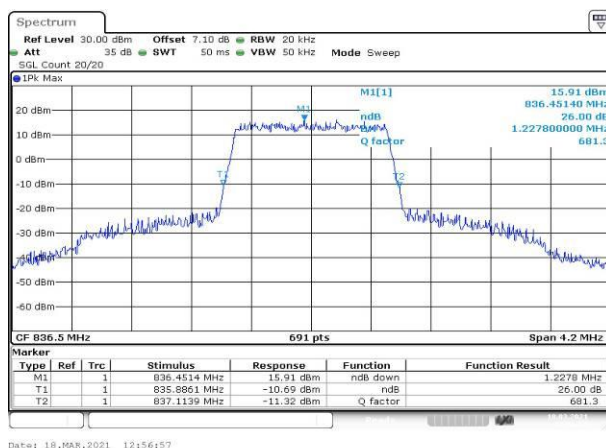


Fig.4

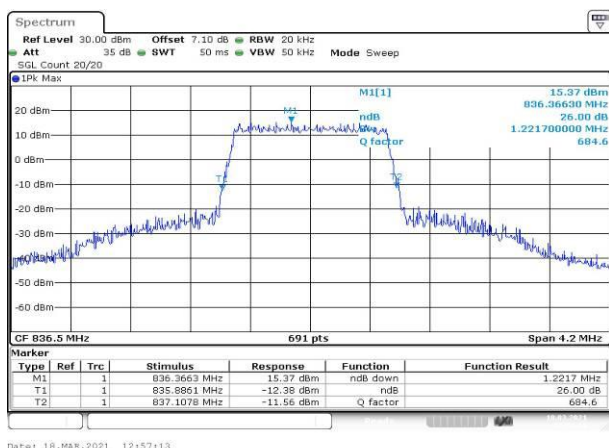


Fig.5

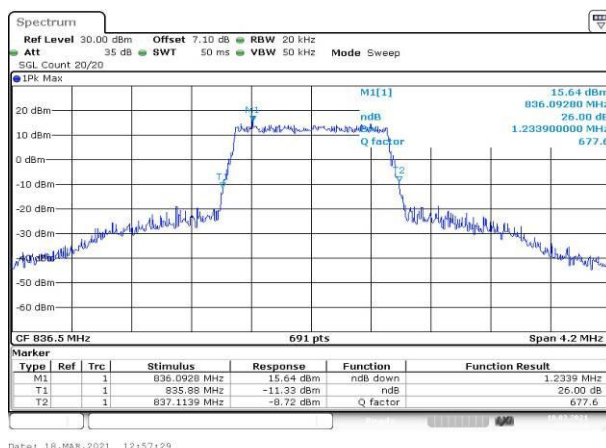


Fig.6

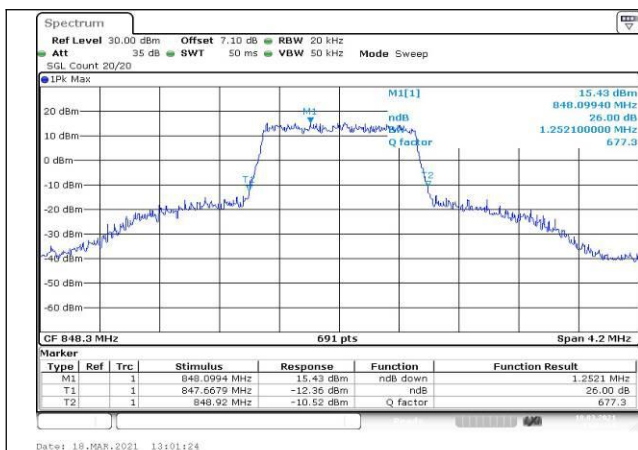


Fig.7

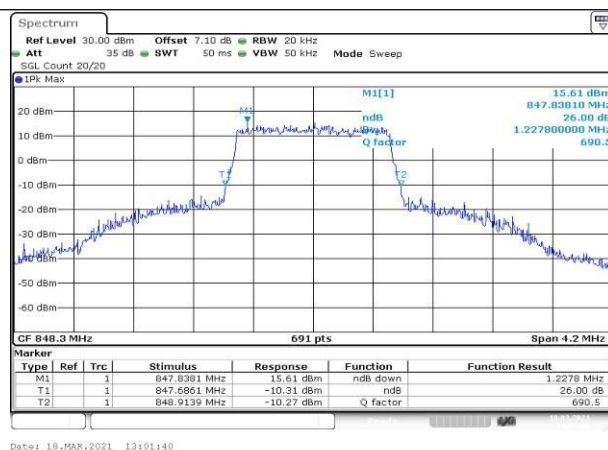


Fig.8

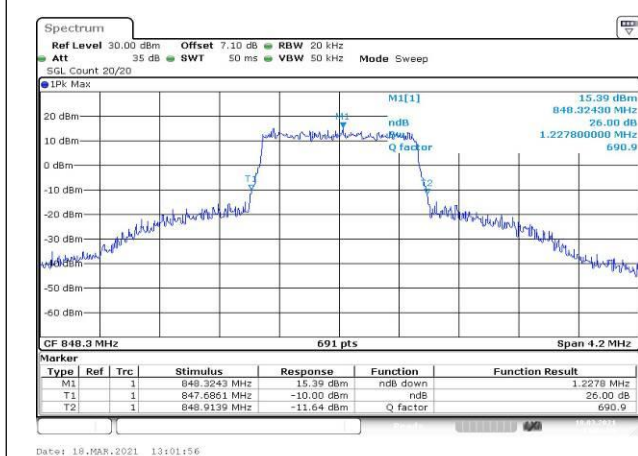


Fig.9

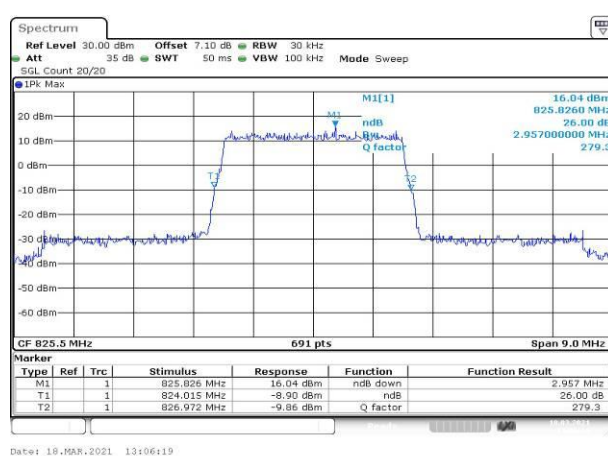


Fig.10

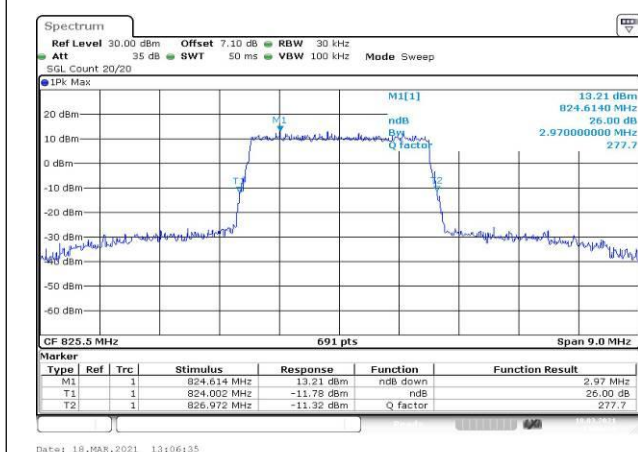


Fig.11

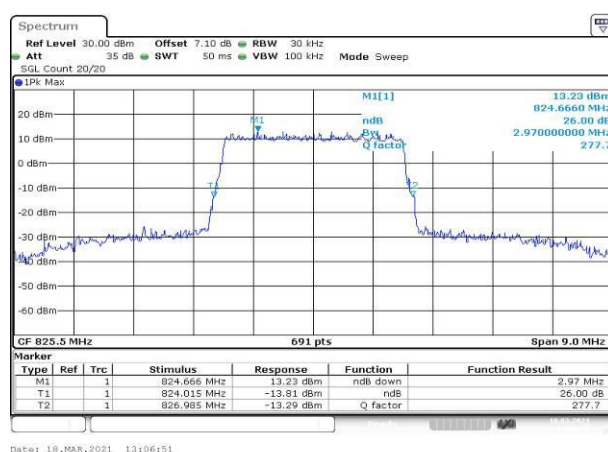


Fig.12

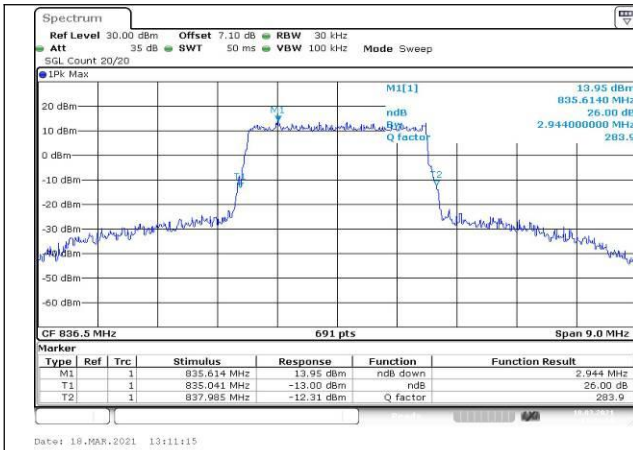


Fig.13

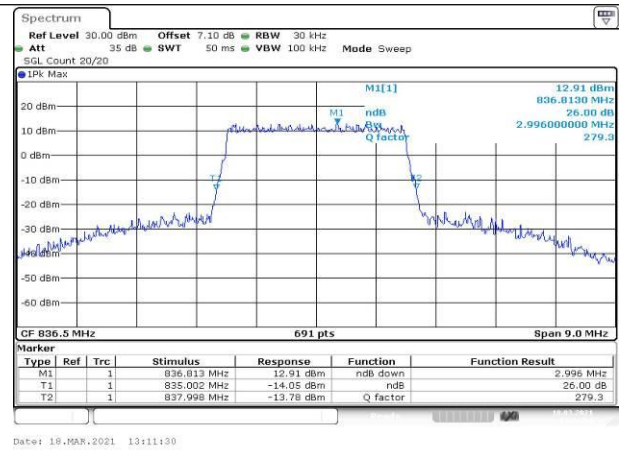


Fig.14

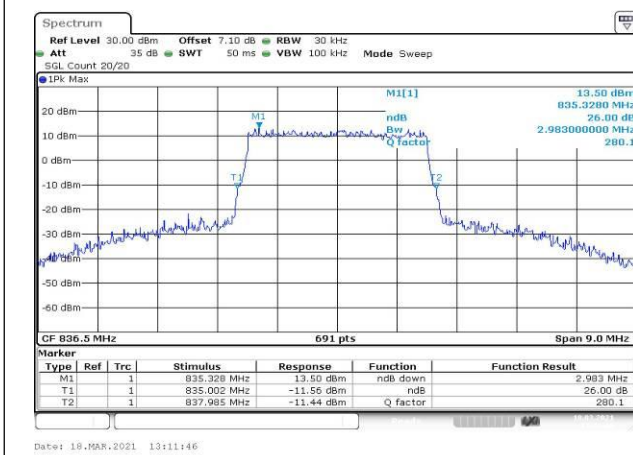


Fig.15

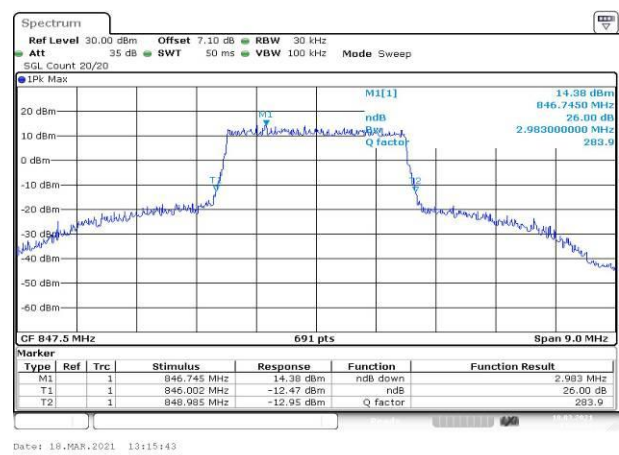


Fig.16

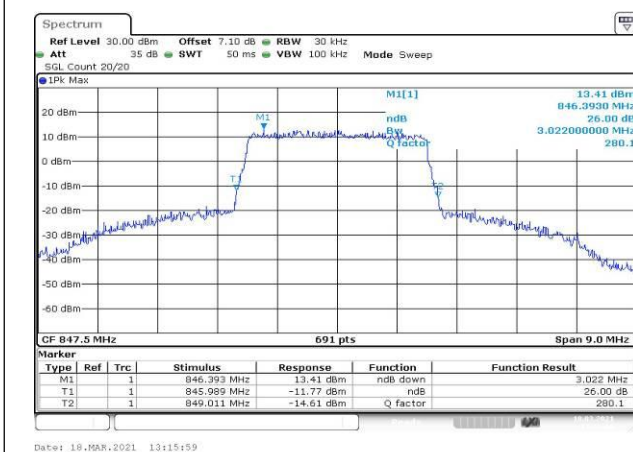


Fig.17

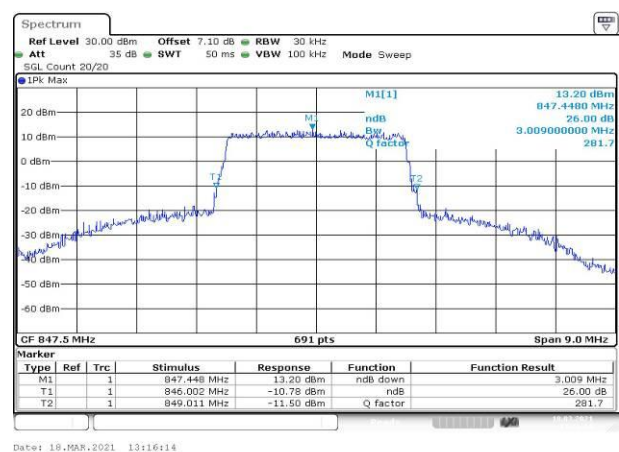


Fig.18

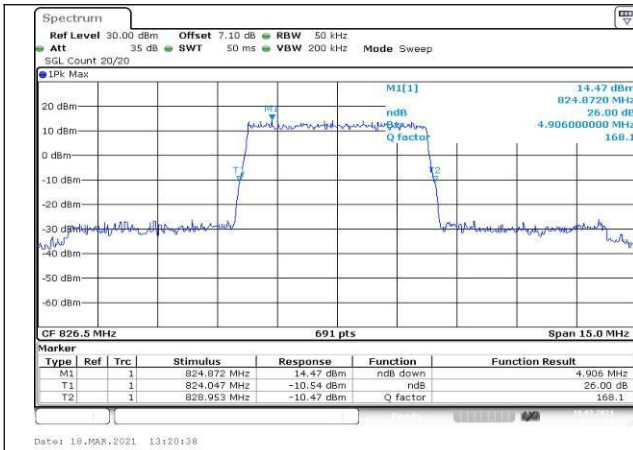


Fig.19

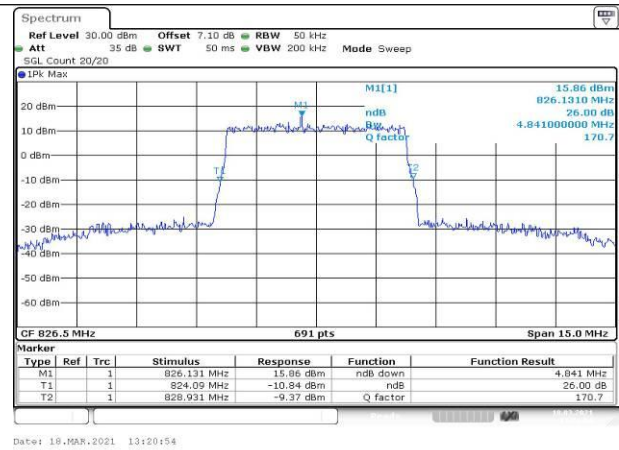


Fig.20

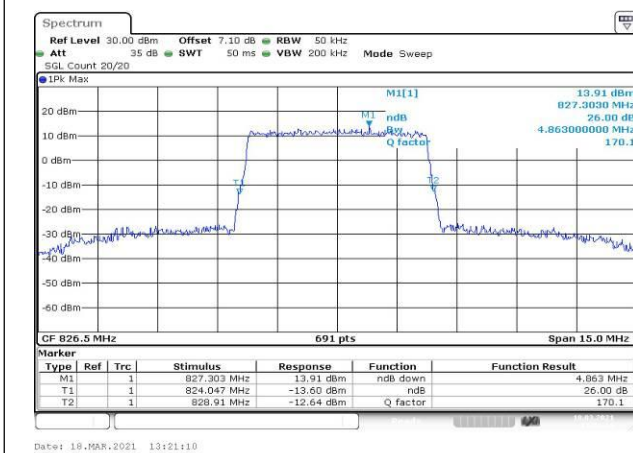


Fig.21

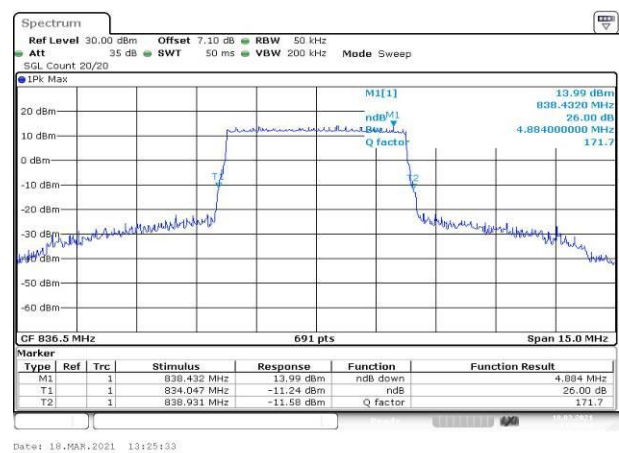


Fig.22

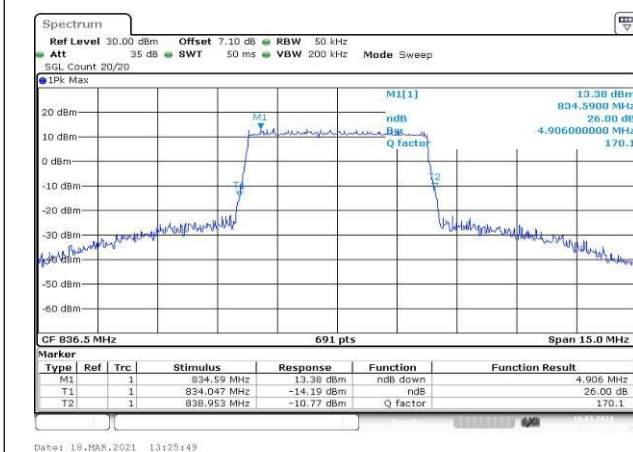


Fig.23

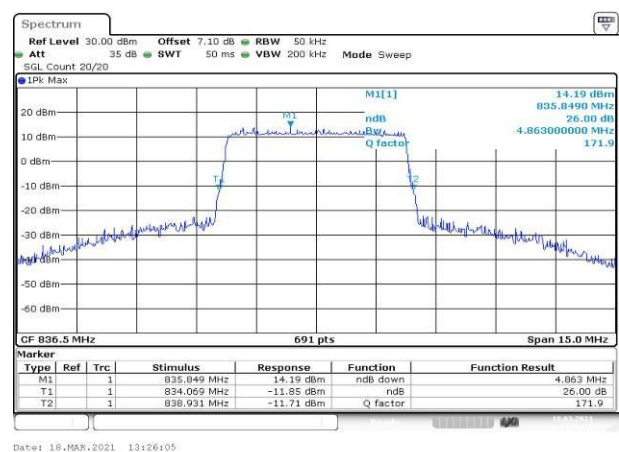


Fig.24

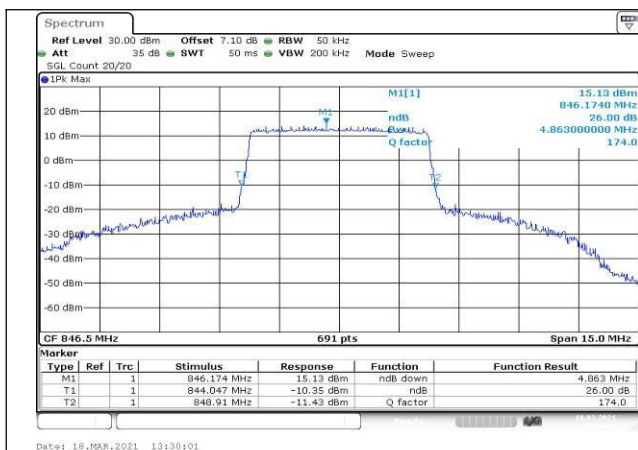


Fig.25

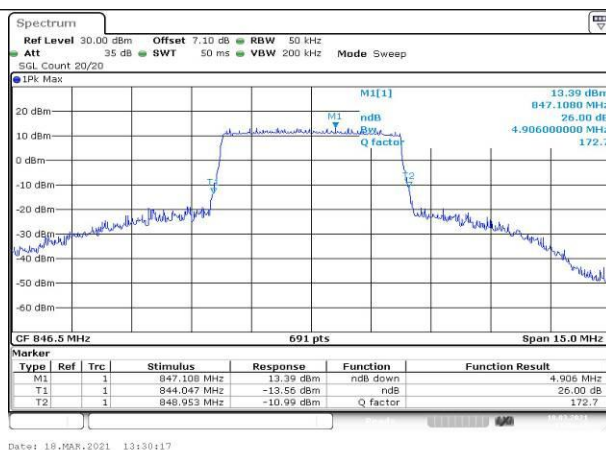


Fig.26

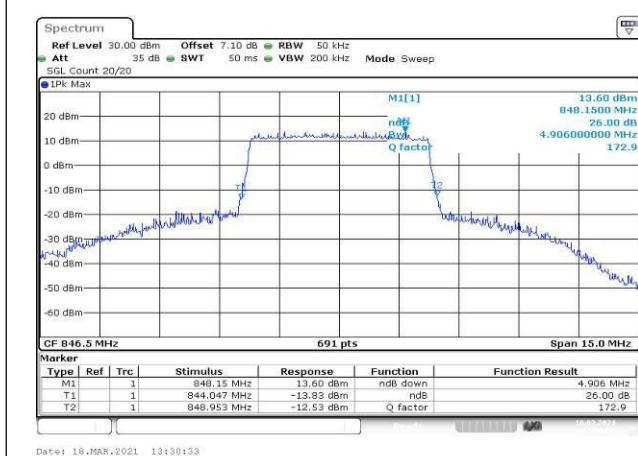


Fig.27

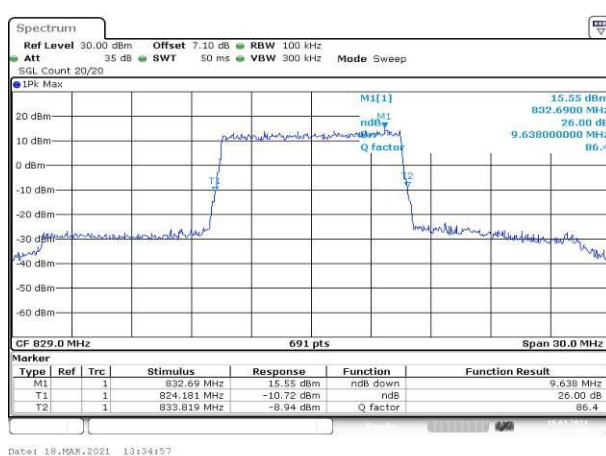


Fig.28

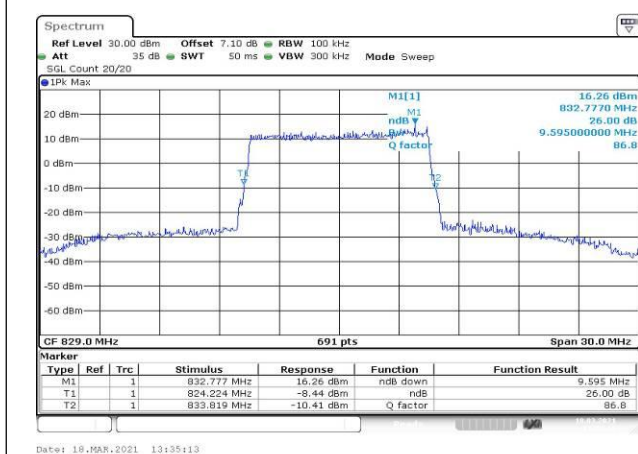


Fig.29

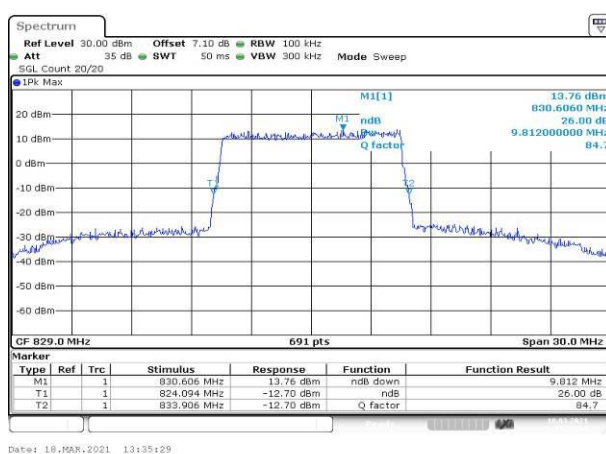


Fig.30

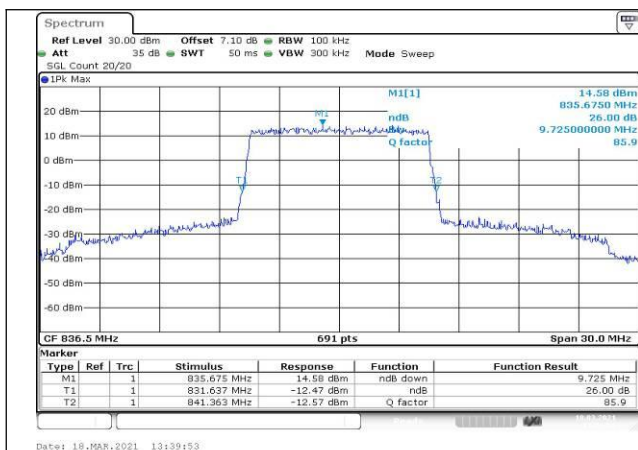


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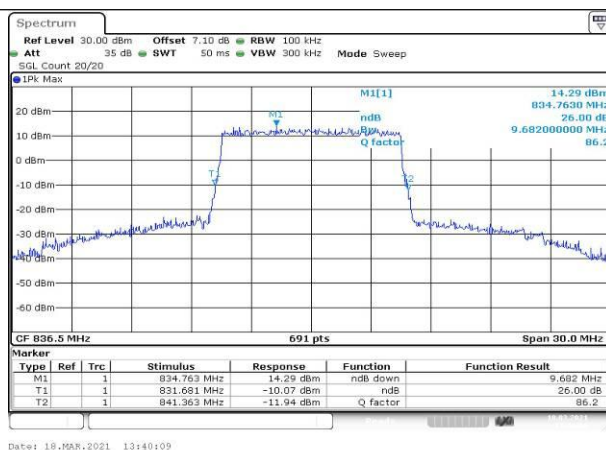


Fig.32

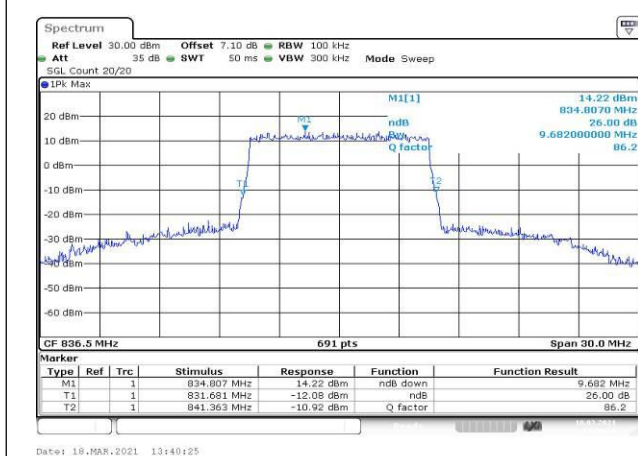


Fig.33

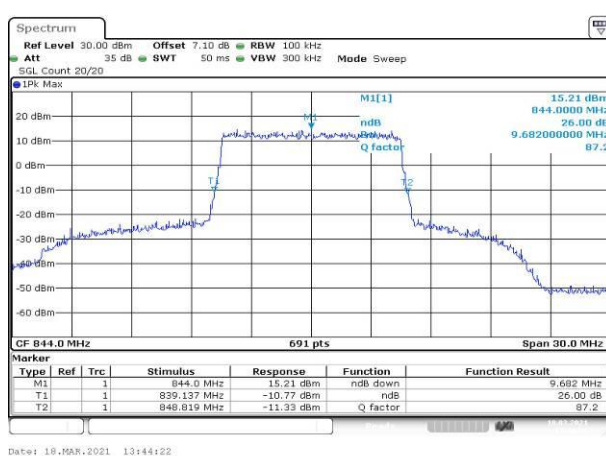


Fig.34

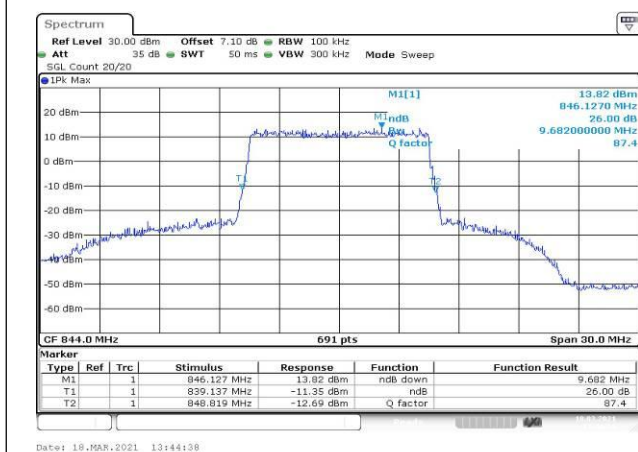


Fig.35

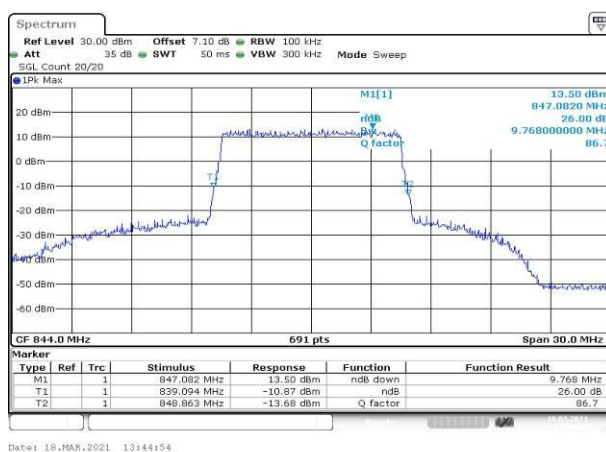


Fig.36

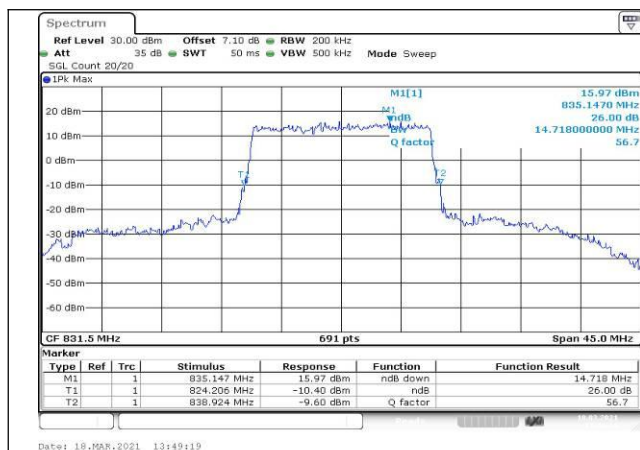


Fig.37

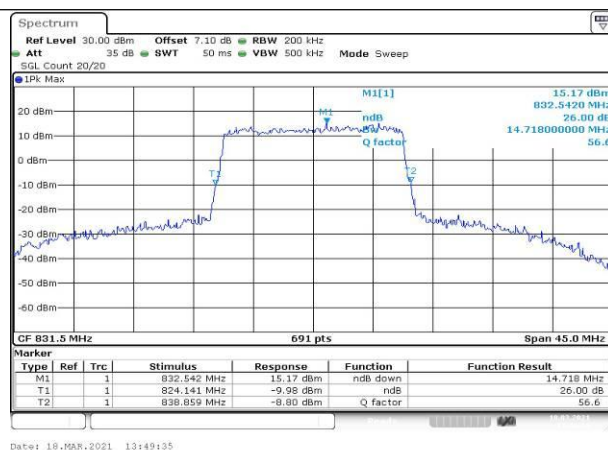


Fig.38

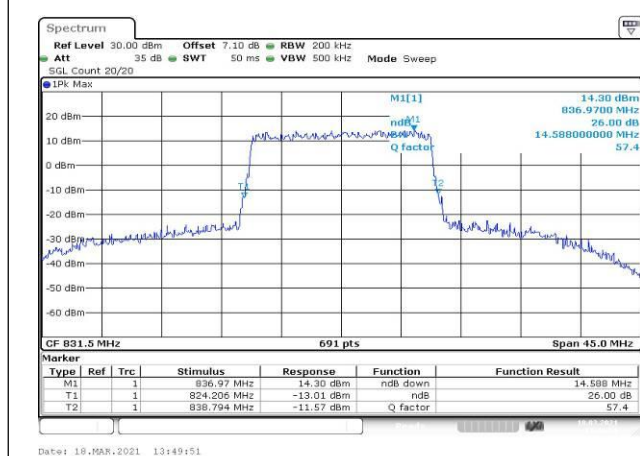


Fig.39

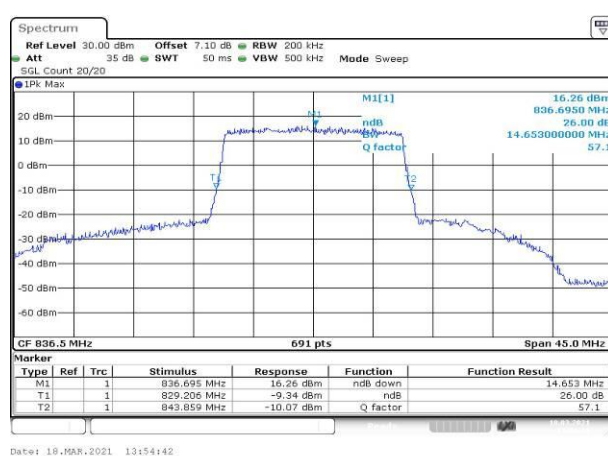


Fig.40

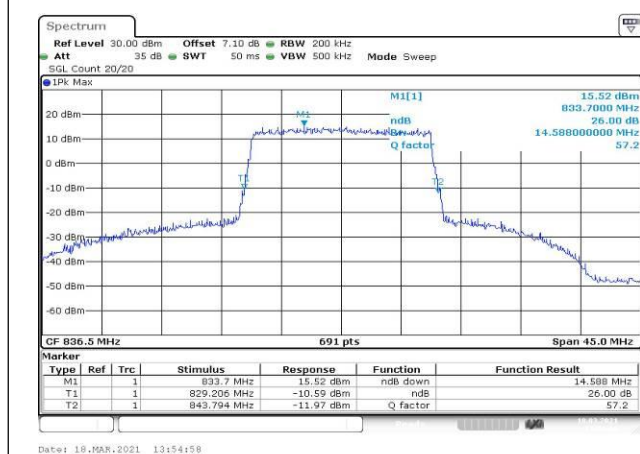


Fig.41

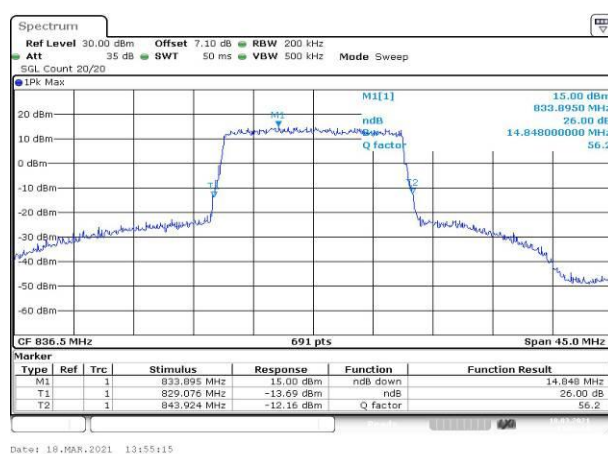


Fig.42

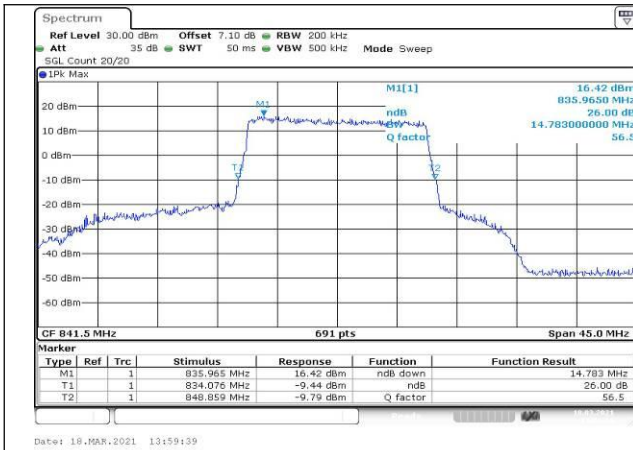


Fig.43

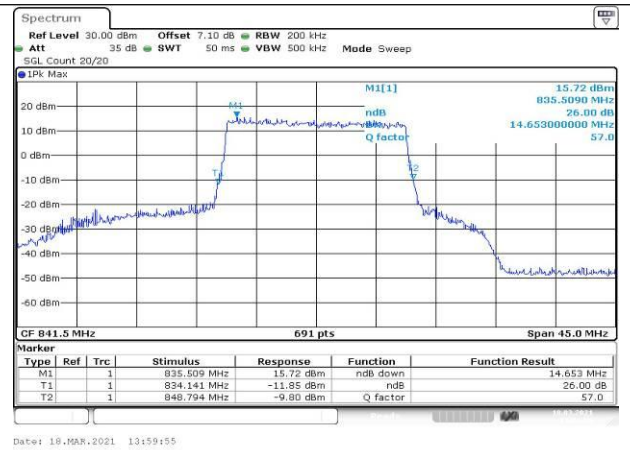


Fig.44

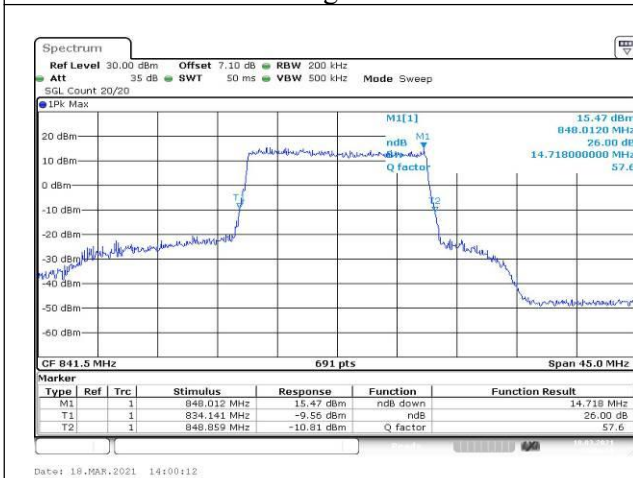


Fig.45

4 Peak-Average Ratio

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	QPSK	16-QAM	64-QAM
26	824.7	26797	1.4	1	5	Fig.1	Fig.2	Fig.3
	824.7	26797		6	0	Fig.4	Fig.5	Fig.6
	836.5	26915		1	5	Fig.7	Fig.8	Fig.9
	836.5	26915		6	0	Fig.10	Fig.11	Fig.12
	848.3	27033		1	5	Fig.13	Fig.14	Fig.15
	848.3	27033		6	0	Fig.16	Fig.17	Fig.18
	825.5	26805	3	1	14	Fig.19	Fig.20	Fig.21
	825.5	26805		15	0	Fig.22	Fig.23	Fig.24
	836.5	26915		1	14	Fig.25	Fig.26	Fig.27
	836.5	26915		15	0	Fig.28	Fig.29	Fig.30
	847.5	27025		1	14	Fig.31	Fig.32	Fig.33
	847.5	27025		15	0	Fig.34	Fig.35	Fig.36
	826.5	26815	5	1	24	Fig.37	Fig.38	Fig.39
	826.5	26815		25	0	Fig.40	Fig.41	Fig.42
	836.5	26915		1	24	Fig.43	Fig.44	Fig.45
	836.5	26915		25	0	Fig.46	Fig.47	Fig.48
	846.5	27015		1	24	Fig.49	Fig.50	Fig.51
	846.5	27015		25	0	Fig.52	Fig.53	Fig.54
	829	26840	10	1	49	Fig.55	Fig.56	Fig.57
	829	26840		50	0	Fig.58	Fig.59	Fig.60
	836.5	26915		1	49	Fig.61	Fig.62	Fig.63
	836.5	26915		50	0	Fig.64	Fig.65	Fig.66
	844	26990		1	49	Fig.67	Fig.68	Fig.69
	844	26990		50	0	Fig.70	Fig.71	Fig.72
	831.5	26865	15	1	74	Fig.73	Fig.74	Fig.75
	831.5	26865		75	0	Fig.76	Fig.77	Fig.78
	836.5	26915		1	74	Fig.79	Fig.80	Fig.81
	836.5	26915		75	0	Fig.82	Fig.83	Fig.84
	841.5	26965		1	74	Fig.85	Fig.86	Fig.87
	841.5	26965		75	0	Fig.88	Fig.89	Fig.90

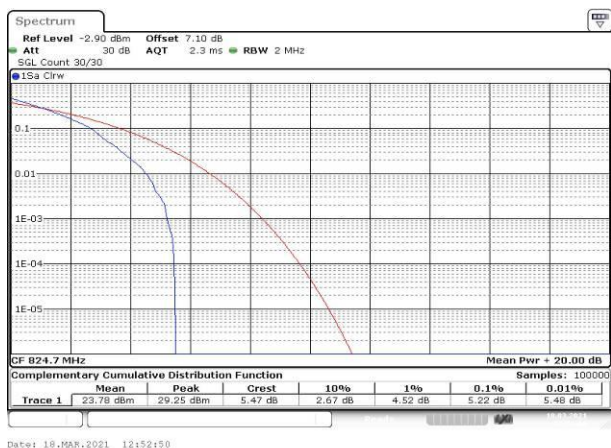


Fig.1

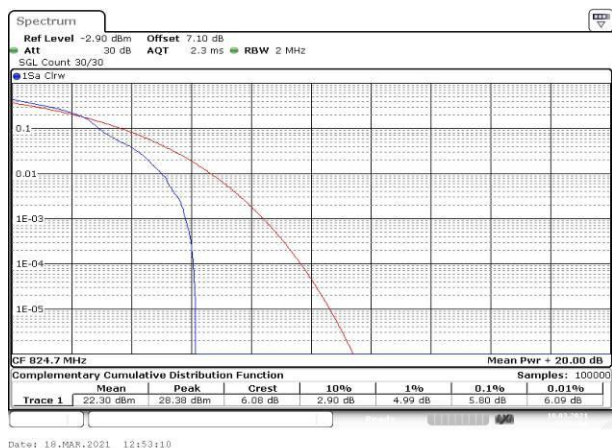


Fig.2

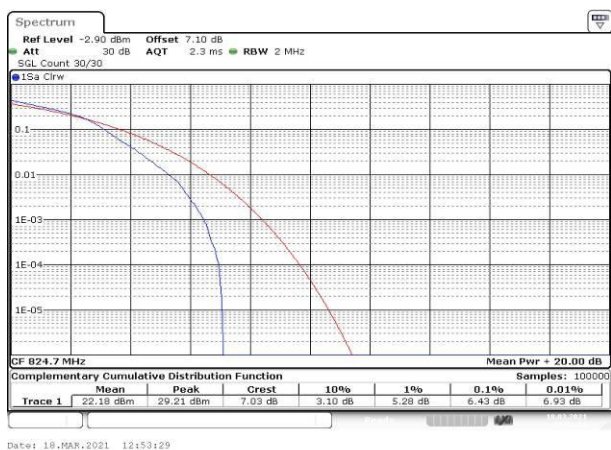


Fig.3

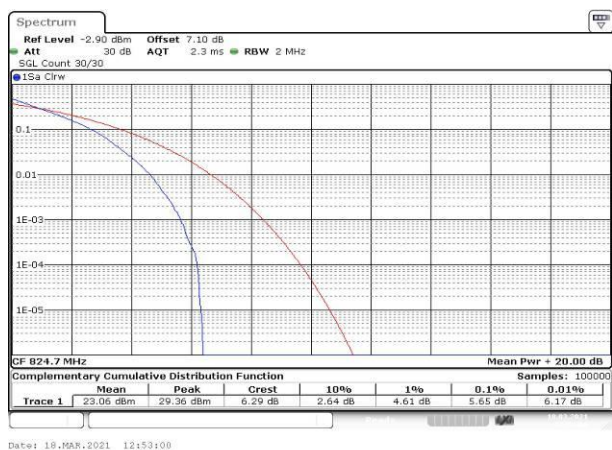


Fig.4

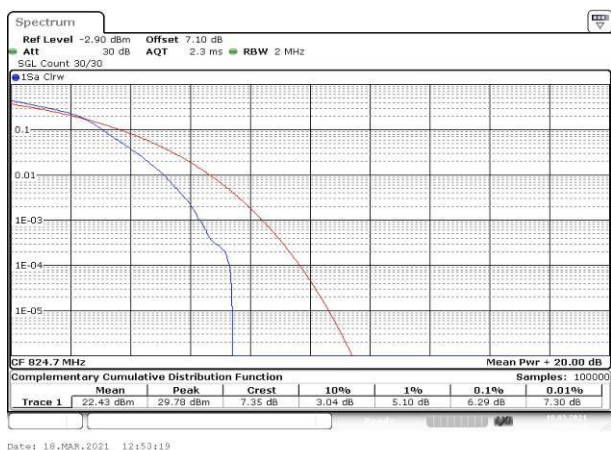


Fig.5

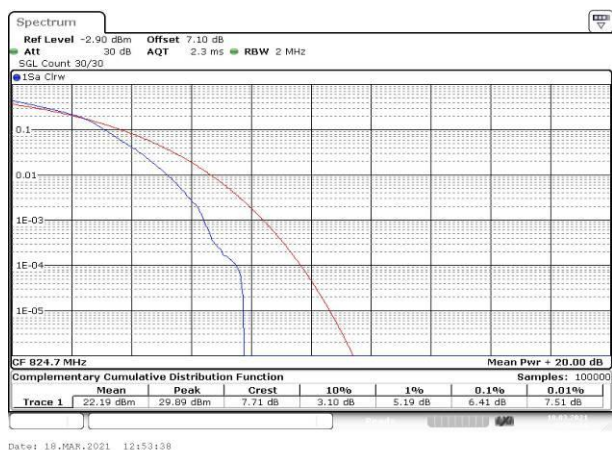


Fig.6