

APPENDIX A5 – TEST DATA OF CONDUCTED EMISSION

LTE Band 26(824-849)

1 RF Power Output

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	
QPSK	824.7	26797	1.4	1	0	24.63	
				1	3	24.64	
				1	5	24.67	
				3	0	24.68	
				3	1	24.72	
				3	3	24.70	
				6	0	23.54	
16QAM	824.7	26797		1	0	23.73	
				1	3	23.79	
				1	5	23.79	
				3	0	23.48	
				3	1	23.53	
				3	3	23.52	
				6	0	22.63	
	836.5	26915	1	0	24.47		
			1	3	24.53		
			1	5	24.50		
			3	0	23.69		
			3	1	23.61		
			3	3	23.70		
			6	0	22.76		
			848.3	27033	1	0	24.35
					1	3	24.55
					1	5	24.50
3	0	23.76					
3	1	23.79					
3	3	23.90					
6	0	23.15					

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	824.7	26797	1.4	1	0	22.62
				1	3	22.63
				1	5	22.62
				3	0	22.62
				3	1	22.62
				3	3	22.62
	6	0		22.61		
	836.5	26915		1	0	22.90
				1	3	22.89
				1	5	22.88
				3	0	22.88
				3	1	22.87
				3	3	22.87
	6	0		22.86		
	848.3	27033		1	0	23.14
				1	3	23.13
				1	5	23.12
				3	0	23.21
				3	1	23.25
				3	3	23.14
	6	0		23.19		

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	825.5	26805	3	1	0	24.54
				1	8	24.55
				1	14	24.53
				8	0	23.57
				8	4	23.67
				8	7	23.66
	15	0		23.63		
	836.5	26915		1	0	24.72
				1	8	24.84
				1	14	24.78
				8	0	23.77
				8	4	23.67
				8	7	23.67
	847.5	27025		15	0	23.74
				1	0	25.08
				1	8	25.05
				1	14	24.99
				8	0	23.96
8			4	23.82		
16QAM	825.5	26805	8	7	23.82	
			15	0	23.91	
			1	0	24.00	
			1	8	23.93	
			1	14	23.93	
			8	0	23.02	
	836.5	26915	8	4	22.99	
			8	7	22.99	
			15	0	22.80	
			1	0	24.40	
			1	8	24.43	
			1	14	24.45	
	847.5	27025	8	0	22.92	
			8	4	22.82	
			8	7	22.82	
			15	0	22.69	
			1	0	23.55	
			1	8	23.64	
			1	14	23.64	
			8	0	23.12	
			8	4	23.16	
			8	7	23.16	
			15	0	22.98	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	825.5	26805	3	1	0	22.69
				1	8	22.69
				1	14	22.69
				8	0	22.69
				8	4	22.69
				8	7	22.69
				15	0	22.69
	836.5	26915		1	0	22.84
				1	8	22.84
				1	14	22.84
				8	0	22.73
				8	4	22.85
				8	7	22.84
				15	0	22.85
	847.5	27025		1	0	22.98
				1	8	22.97
				1	14	22.98
				8	0	22.98
				8	4	22.98
				8	7	22.98
				15	0	22.98

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	826.5	26815	5	1	0	24.76
				1	12	24.59
				1	24	24.58
				12	0	23.56
				12	7	23.68
				12	13	23.68
				25	0	23.63
	836.5	26915		1	0	24.82
				1	12	24.79
				1	24	24.95
				12	0	23.84
				12	7	23.85
				12	13	23.85
				25	0	23.86
	846.5	27015		1	0	24.90
				1	12	24.78
				1	24	24.80
				12	0	24.03
				12	7	23.90
				12	13	23.90
				25	0	23.94
16QAM	826.5	26815	1	0	22.80	
			1	12	22.89	
			1	24	22.79	
			12	0	22.59	
			12	7	22.66	
			12	13	22.61	
			25	0	22.72	
	836.5	26915	1	0	23.80	
			1	12	23.72	
			1	24	23.73	
			12	0	22.77	
			12	7	22.69	
			12	13	22.70	
			25	0	22.78	
	846.5	27015	1	0	23.94	
			1	12	23.68	
			1	24	23.67	
			12	0	22.89	
			12	7	22.84	
			12	13	22.84	
			25	0	22.89	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	826.5	26815	5	1	0	22.72
				1	12	22.72
				1	24	22.72
				12	0	22.73
				12	7	22.73
				12	13	22.73
				25	0	22.74
	836.5	26915		1	0	22.78
				1	12	22.78
				1	24	22.64
				12	0	22.79
				12	7	22.78
				12	13	22.78
				25	0	22.78
	846.5	27015		1	0	22.89
				1	12	22.90
				1	24	22.90
				12	0	22.90
				12	7	22.90
				12	13	22.90
				25	0	22.90

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	829	26840	10	1	0	24.66
				1	25	24.71
				1	49	24.70
				25	0	23.74
				25	12	23.88
				25	25	23.88
	836.5	26915		50	0	23.51
				1	0	25.02
				1	25	24.89
				1	49	25.00
				25	0	23.89
				25	12	23.77
	844	26990		25	25	23.77
				50	0	23.83
				1	0	24.70
				1	25	25.00
				1	49	24.98
				25	0	23.77
16QAM	829	26840	25	12	23.90	
			25	25	23.00	
			50	0	22.73	
			1	0	24.00	
			1	25	23.91	
			1	49	23.91	
	836.5	26915	25	0	22.92	
			25	12	22.92	
			25	25	22.92	
			50	0	22.83	
			1	0	23.34	
			1	25	23.50	
	844	26990	1	49	23.50	
			25	0	22.91	
			25	12	23.09	
			25	25	23.09	
			50	0	22.76	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	829	26840	10	1	0	22.73
				1	25	22.73
				1	49	22.73
				25	0	22.73
				25	12	22.73
				25	25	22.57
				50	0	22.58
	836.5	26915		1	0	22.83
				1	25	22.83
				1	49	22.83
				25	0	22.83
				25	12	22.82
				25	25	22.83
				50	0	22.82
	844	26990		1	0	22.77
				1	25	22.91
				1	49	22.92
				25	0	22.92
				25	12	22.92
				25	25	22.91
				50	0	22.82

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	831.5	26865	15	1	0	24.62
				1	37	24.72
				1	74	24.75
				36	0	23.65
				36	29	23.81
				36	30	23.81
				75	0	23.79
	836.5	26915		1	0	24.77
				1	37	24.90
				1	74	24.89
				36	0	23.78
				36	29	23.86
				36	30	23.85
				75	0	23.78
	841.5	26965		1	0	24.77
				1	37	24.82
				1	74	24.83
				36	0	23.88
				36	29	23.94
				36	30	23.94
				75	0	23.72
16QAM	831.5	26865	1	0	23.89	
			1	37	23.93	
			1	74	23.92	
			36	0	22.62	
			36	29	22.96	
			36	30	22.96	
			75	0	22.96	
	836.5	26915	1	0	24.41	
			1	37	24.52	
			1	74	24.51	
			36	0	22.84	
			36	29	22.89	
			36	30	22.76	
			75	0	22.81	
	841.5	26965	1	0	24.16	
			1	37	24.10	
			1	74	24.09	
			36	0	22.91	
			36	29	22.88	
			36	30	22.88	
			75	0	22.72	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	831.5	26865	15	1	0	22.96
				1	37	22.95
				1	74	22.90
				36	0	22.95
				36	29	22.96
				36	30	22.96
				75	0	22.95
	836.5	26915		1	0	22.81
				1	37	22.81
				1	74	22.80
				36	0	22.80
				36	29	22.81
				36	30	22.80
				75	0	22.80
	841.5	26965		1	0	22.73
				1	37	22.73
				1	74	22.73
				36	0	22.73
				36	29	22.73
				36	30	22.73
				75	0	22.73

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	1.088	Fig.1	1.088	Fig.2	1.088	Fig.3
	836.5	26915		6	0	1.082	Fig.4	1.082	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	2.670	Fig.12
	836.5	26915		15	0	2.683	Fig.13	2.683	Fig.14	2.683	Fig.15
	847.5	27025		15	0	2.683	Fig.16	2.696	Fig.17	2.696	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	4.450	Fig.25	4.472	Fig.26	4.472	Fig.27
	829	26840	10	50	0	8.944	Fig.28	8.944	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	8.987	Fig.35	8.944	Fig.36
	831.5	26865	15	75	0	13.415	Fig.37	13.415	Fig.38	13.415	Fig.39
	836.5	26915		75	0	13.415	Fig.40	13.415	Fig.41	13.415	Fig.42
	841.5	26965		75	0	13.415	Fig.43	13.415	Fig.44	13.415	Fig.45

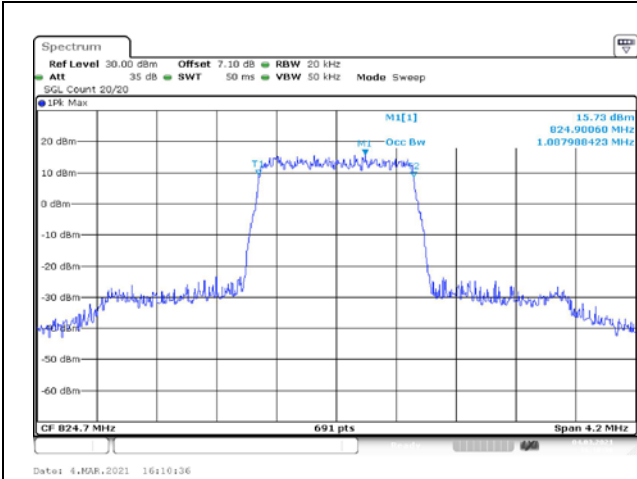


Fig.1

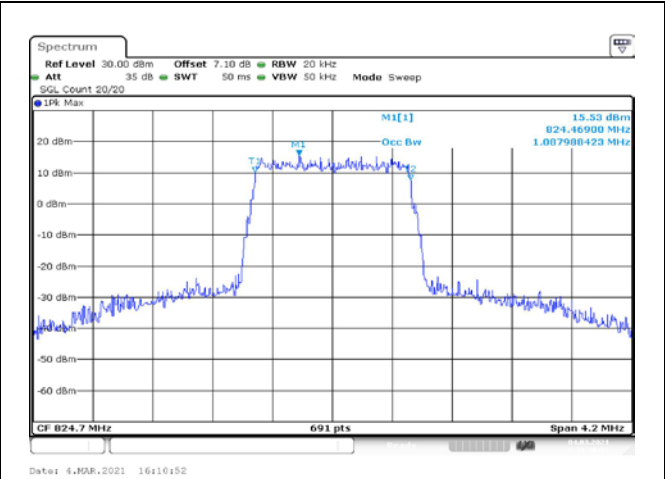


Fig.2

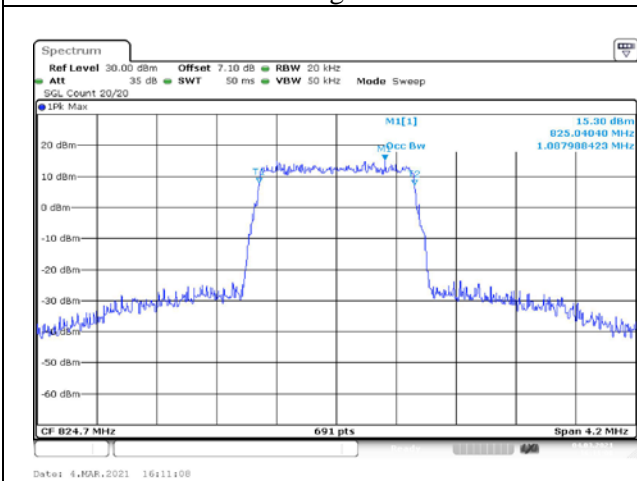


Fig.3

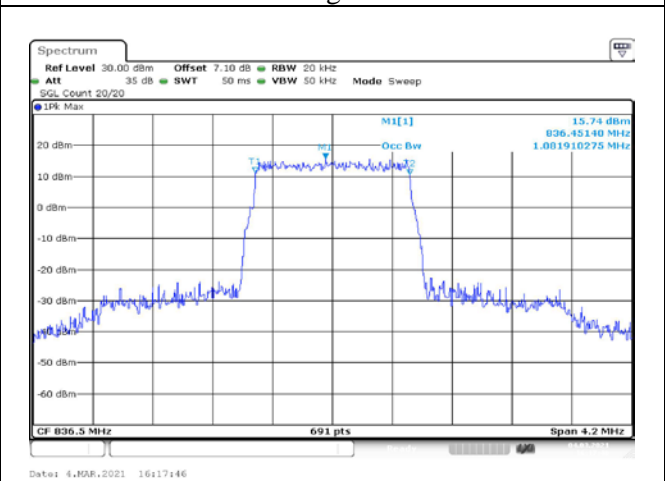


Fig.4

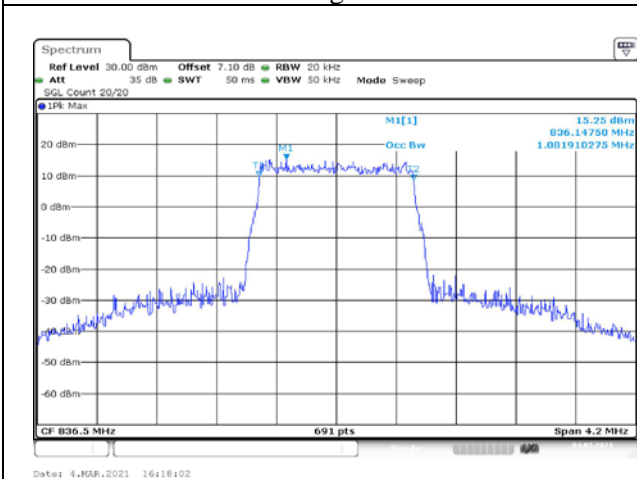


Fig.5

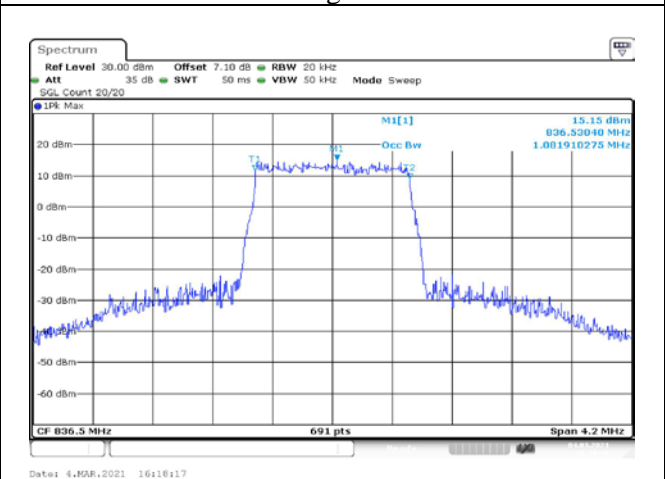


Fig.6

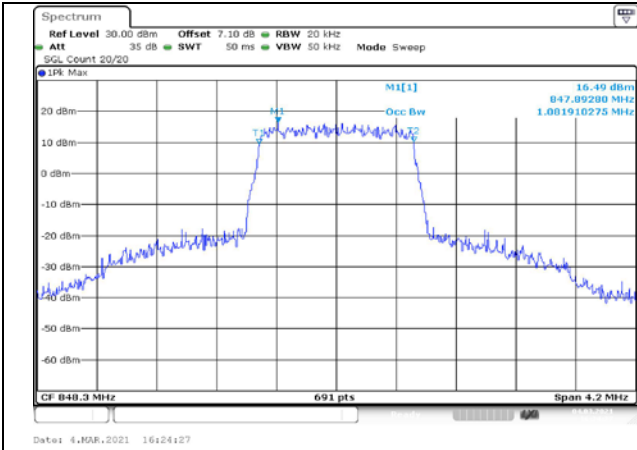


Fig.7

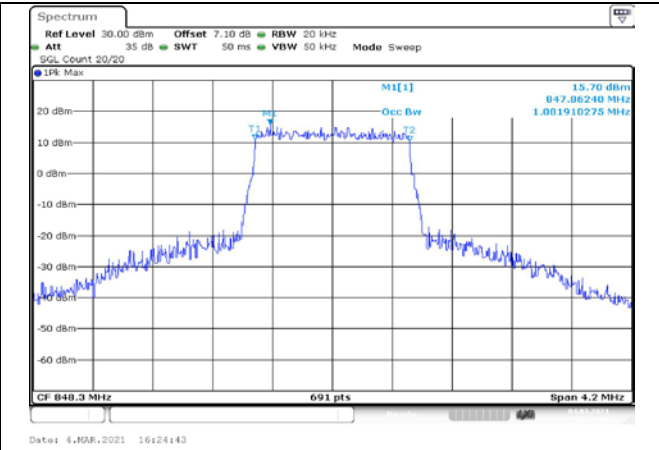


Fig.8

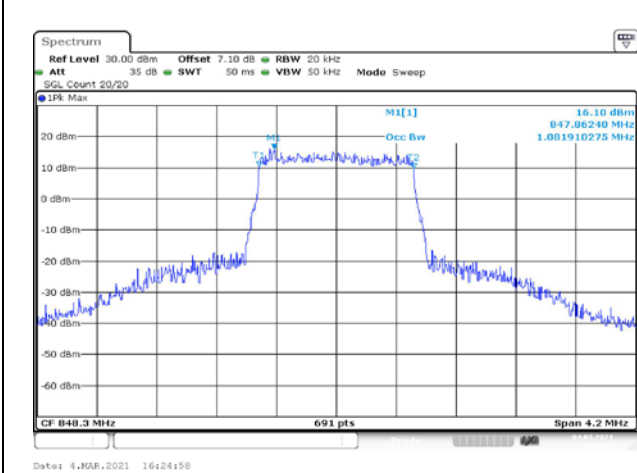


Fig.9

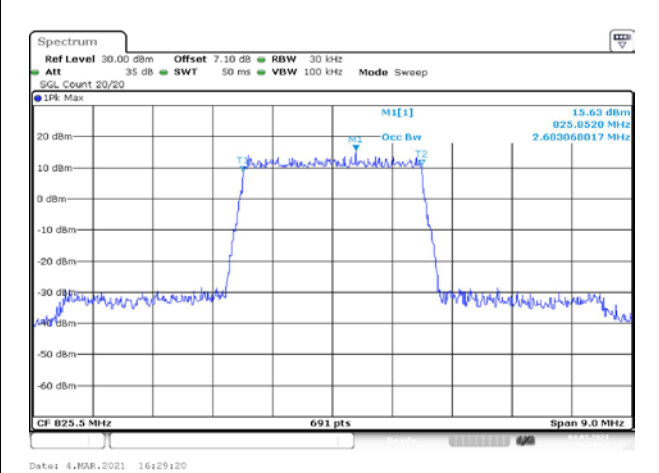


Fig.10

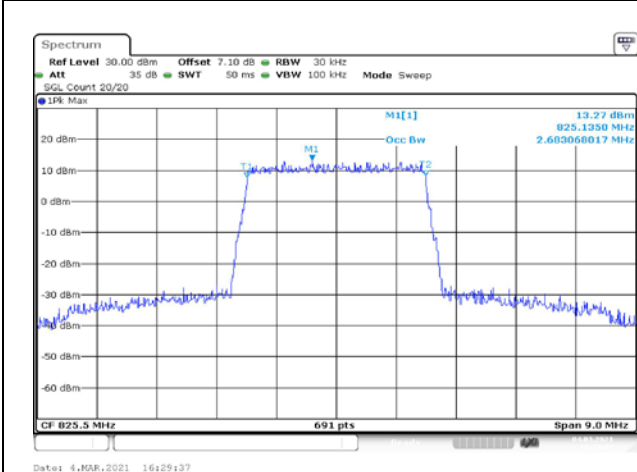


Fig.11

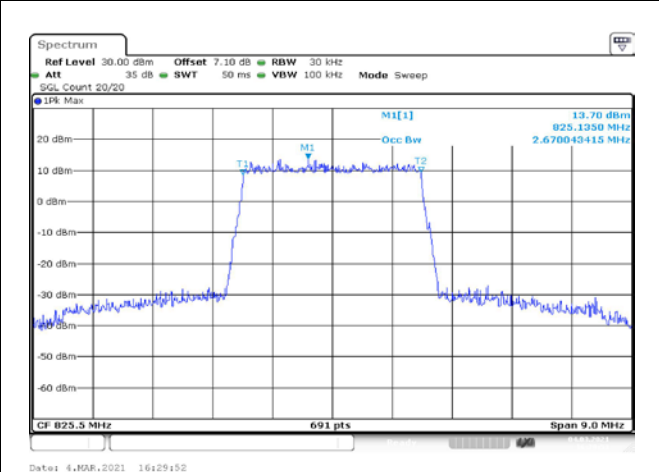


Fig.12

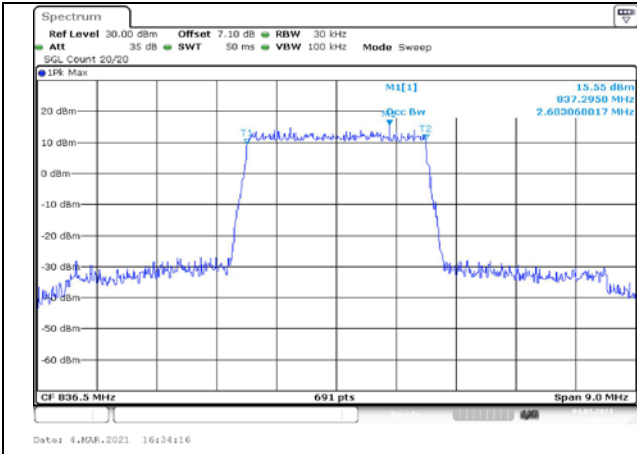


Fig.13

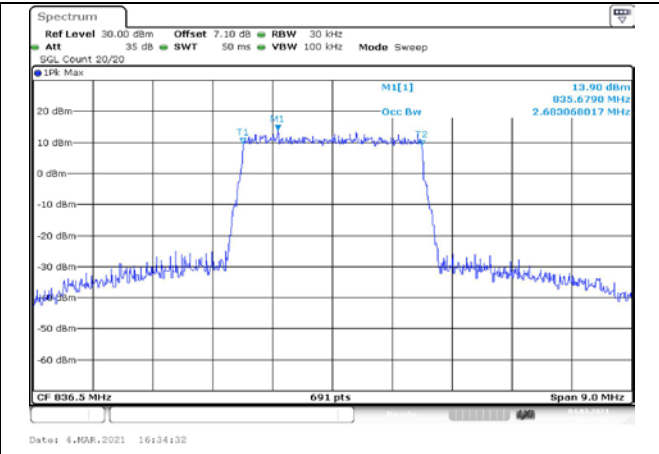


Fig.14

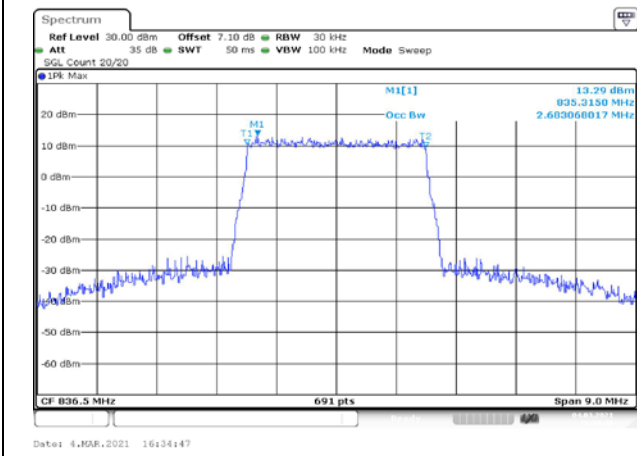


Fig.15

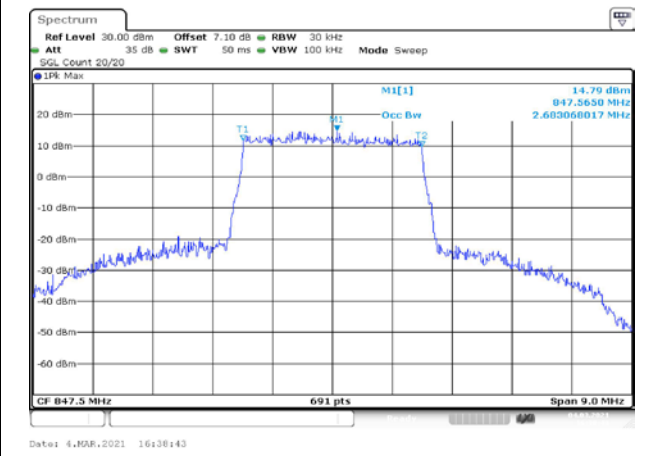


Fig.16

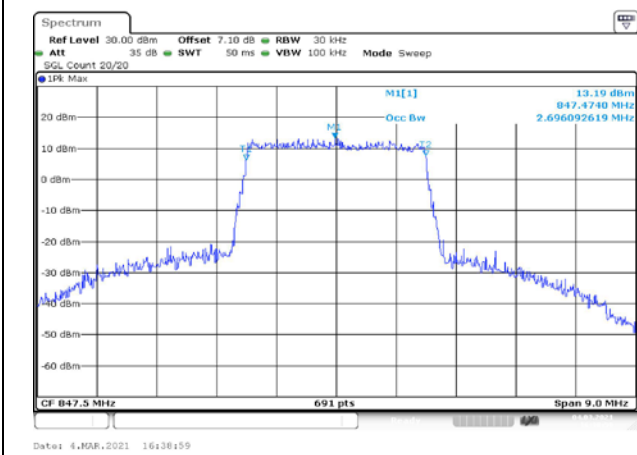


Fig.17

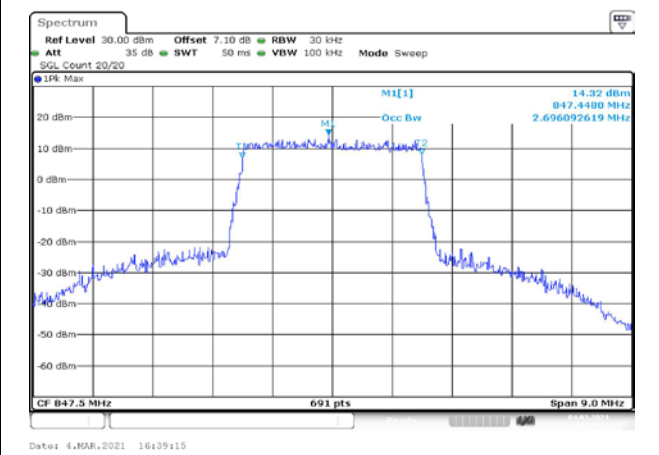


Fig.18

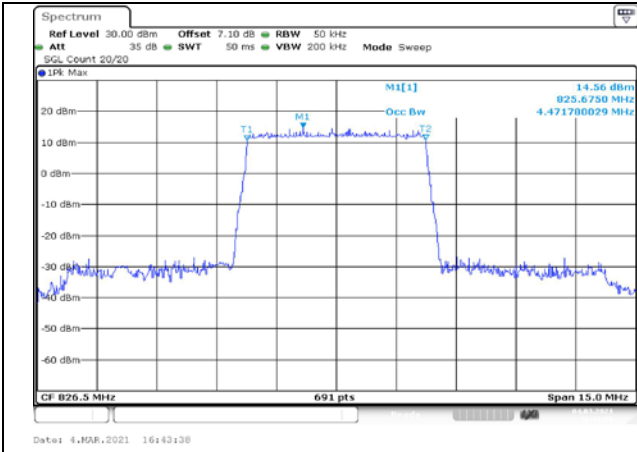


Fig.19

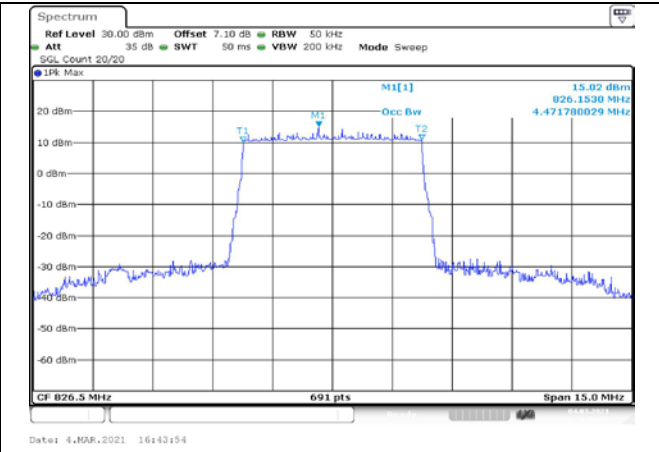


Fig.20

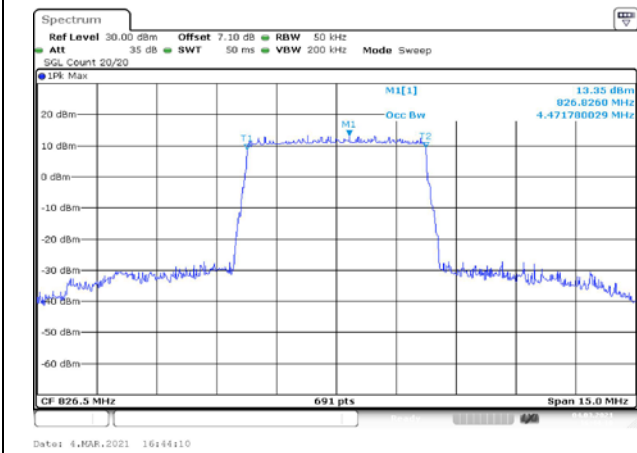


Fig.21

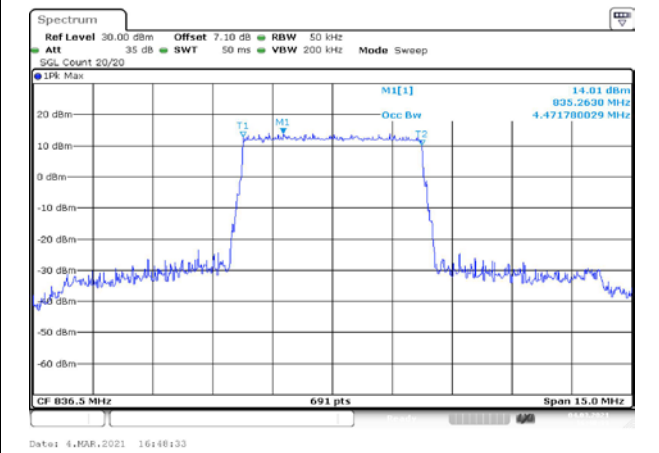


Fig.22

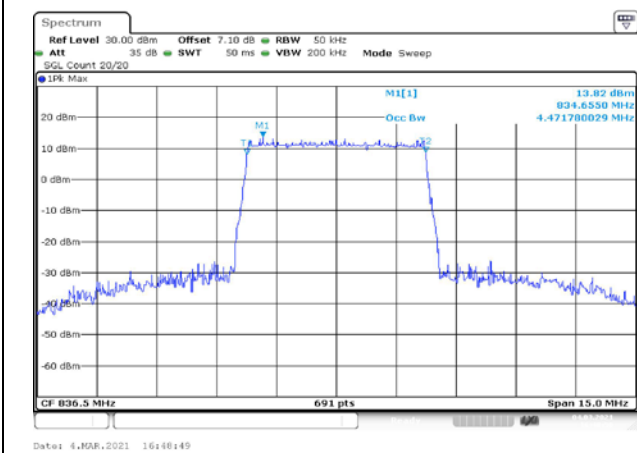


Fig.23

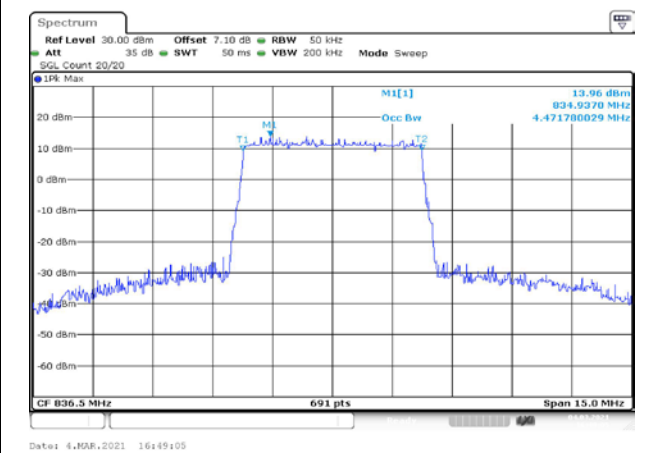


Fig.24

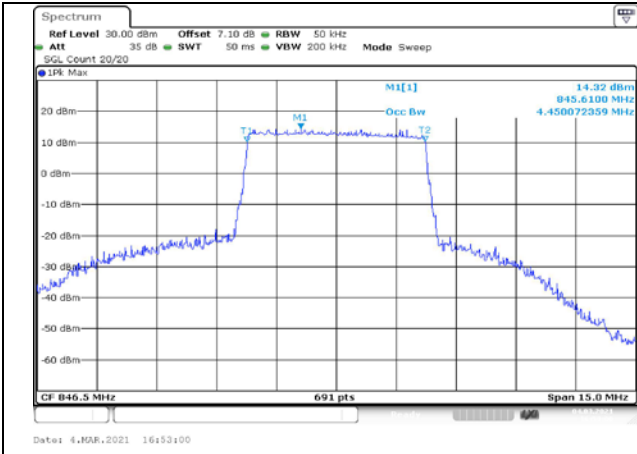


Fig.25

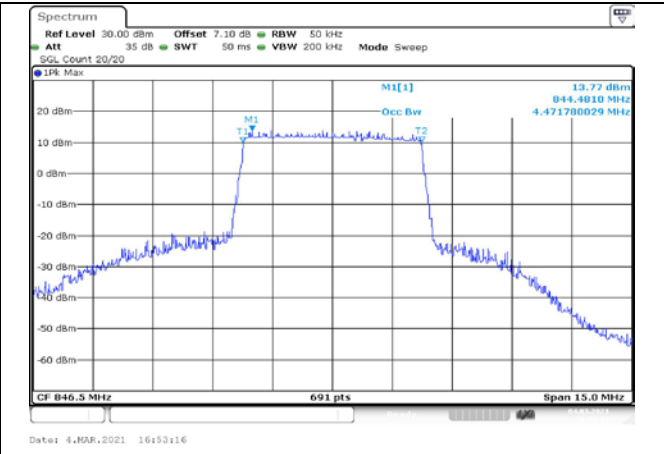


Fig.26

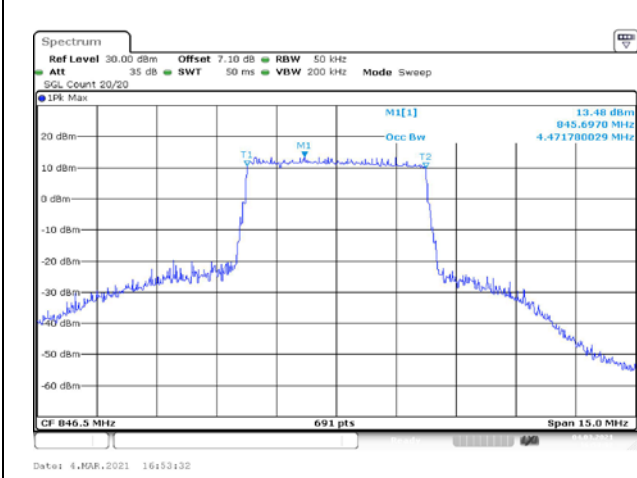


Fig.27

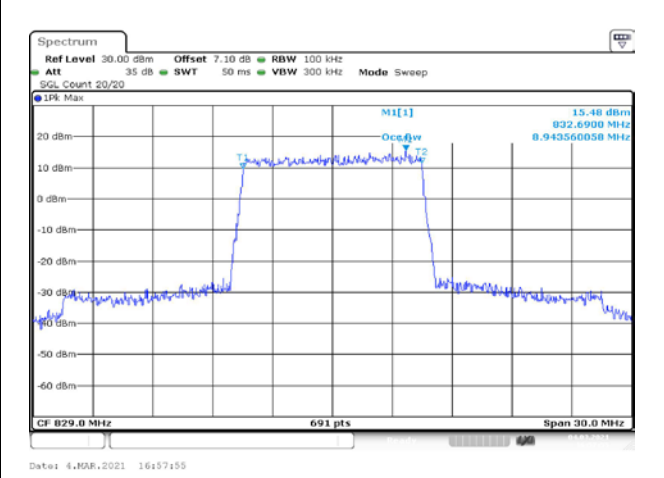


Fig.28

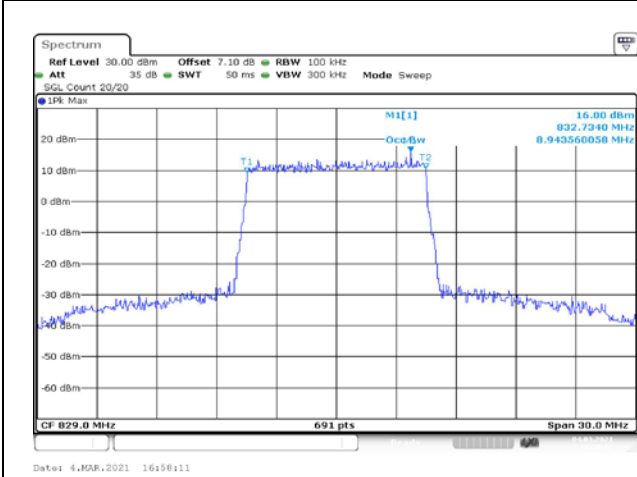


Fig.29

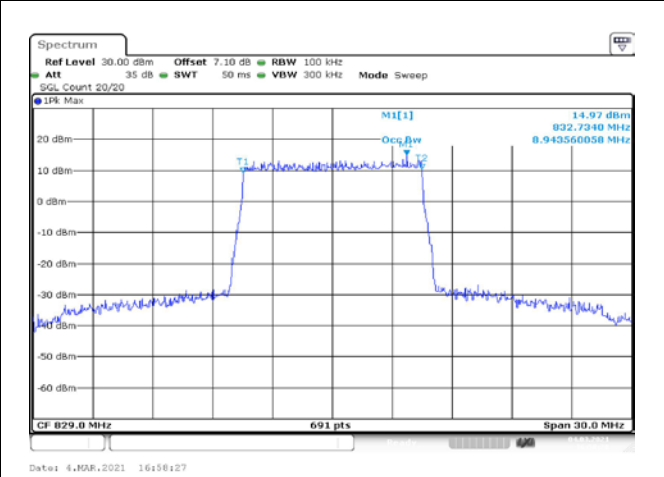


Fig.30

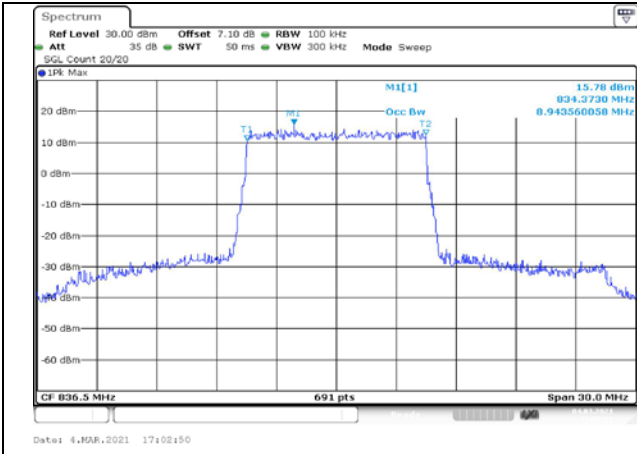


Fig.31

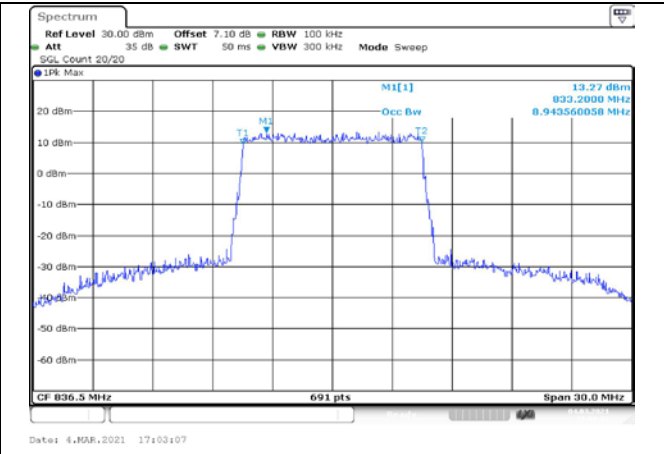


Fig.32

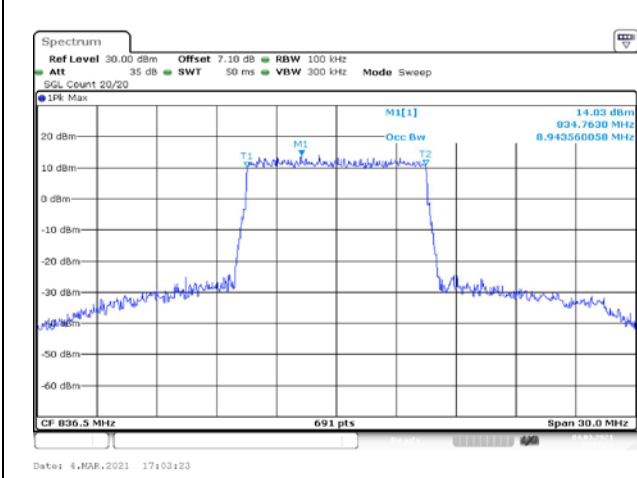


Fig.33

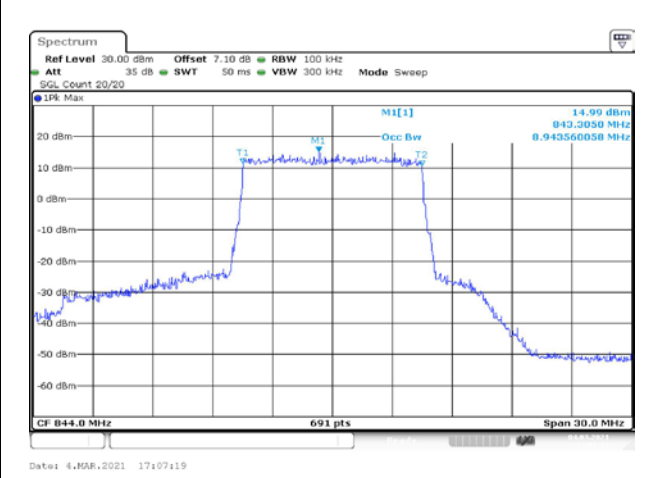


Fig.34

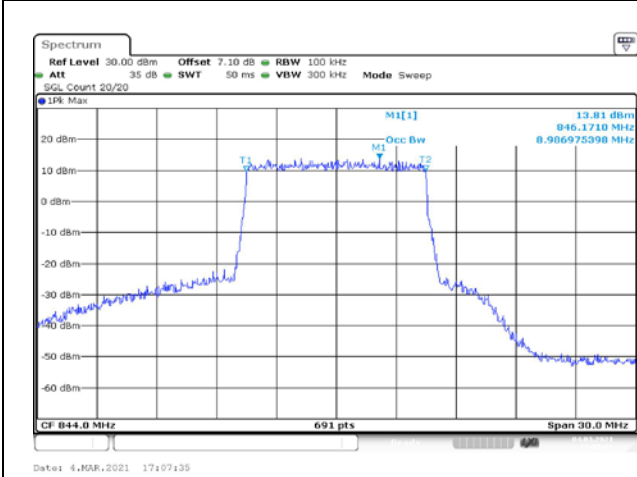


Fig.35

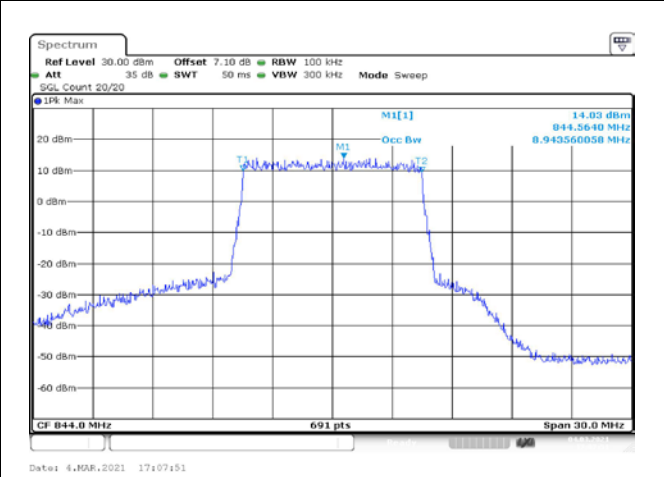


Fig.36

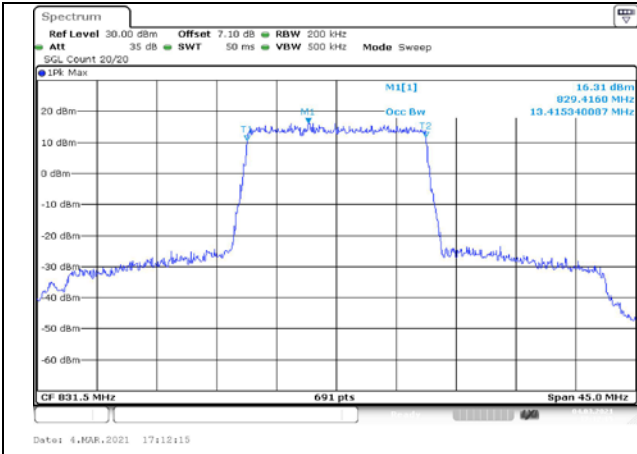


Fig.37

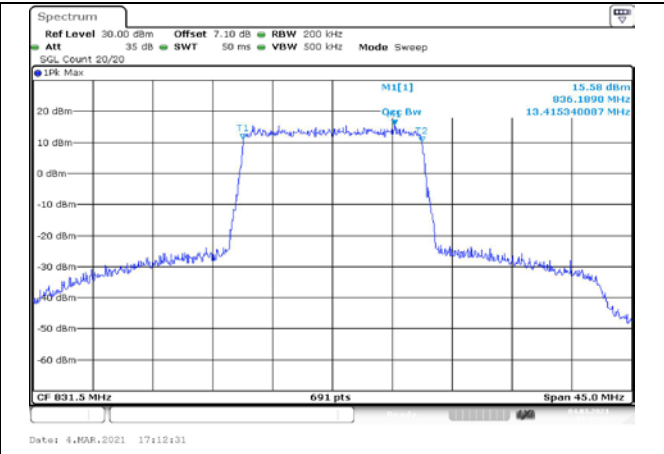


Fig.38

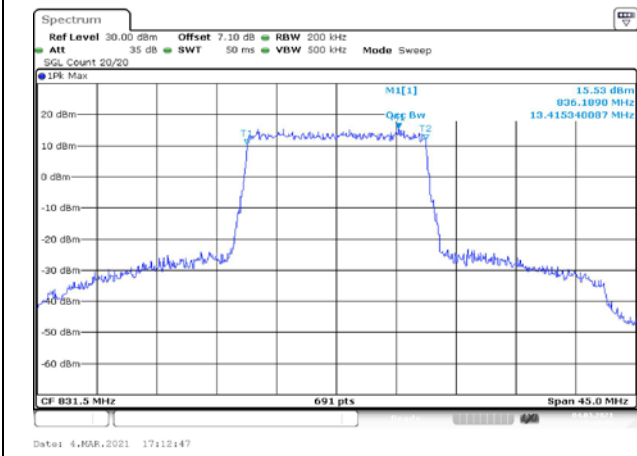


Fig.39

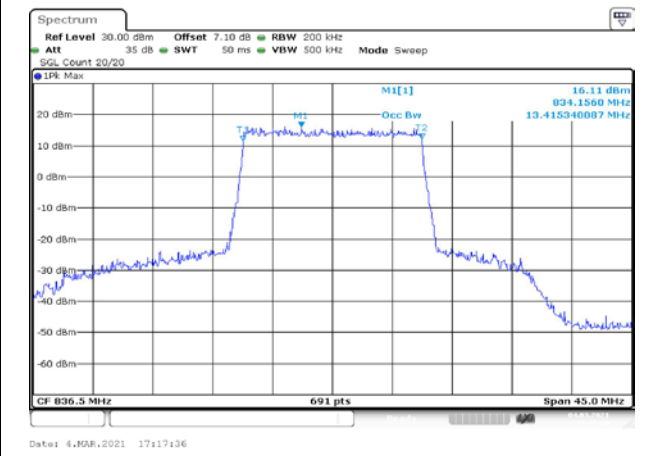


Fig.40

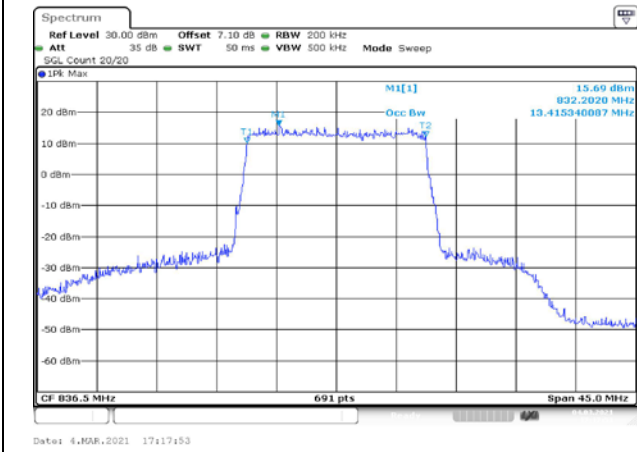


Fig.41

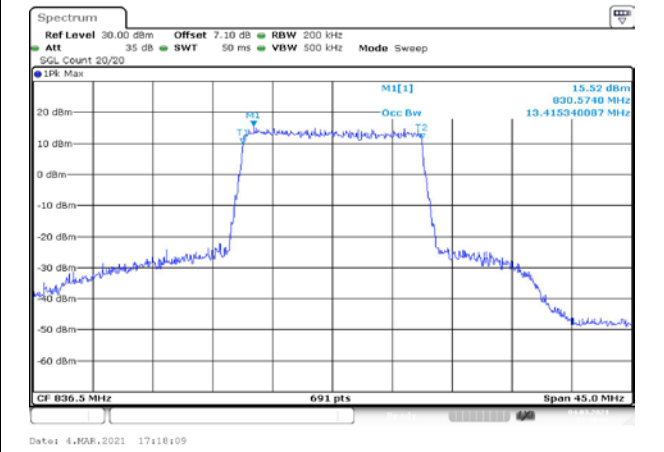


Fig.42

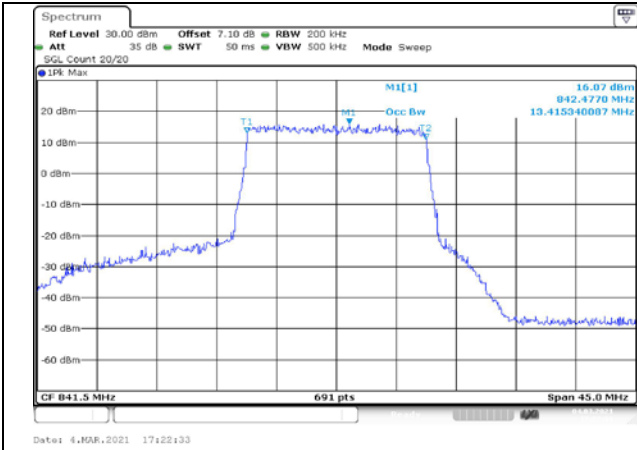


Fig.43

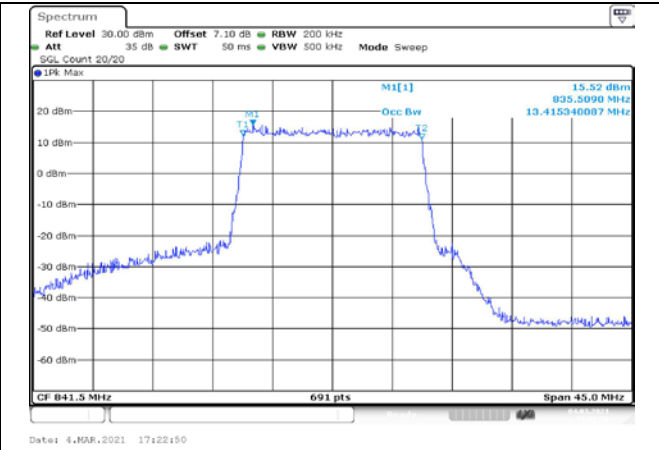


Fig.44

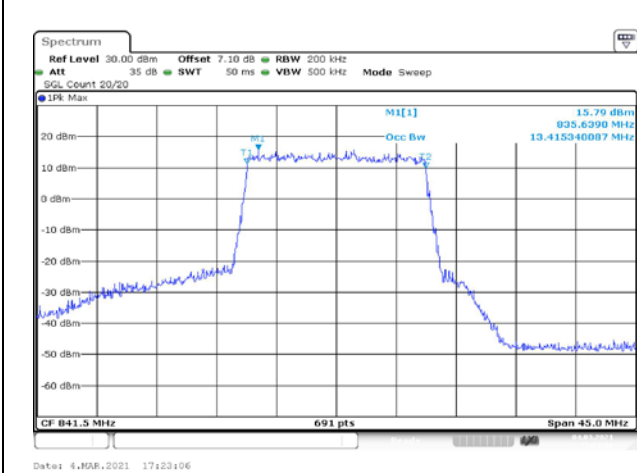


Fig.45

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	1.222	Fig.1	1.228	Fig.2	1.222	Fig.3
	836.5	26915		6	0	1.234	Fig.4	1.228	Fig.5	1.222	Fig.6
	848.3	27033		6	0	1.234	Fig.7	1.228	Fig.8	1.228	Fig.9
	825.5	26805	3	15	0	2.983	Fig.10	2.957	Fig.11	2.944	Fig.12
	836.5	26915		15	0	2.970	Fig.13	2.983	Fig.14	2.970	Fig.15
	847.5	27025		15	0	2.996	Fig.16	2.996	Fig.17	2.970	Fig.18
	826.5	26815	5	25	0	4.884	Fig.19	4.884	Fig.20	4.884	Fig.21
	836.5	26915		25	0	4.884	Fig.22	4.884	Fig.23	4.884	Fig.24
	846.5	27015		25	0	4.884	Fig.25	4.884	Fig.26	4.906	Fig.27
	829	26840	10	50	0	9.204	Fig.28	9.725	Fig.29	9.638	Fig.30
	836.5	26915		50	0	9.682	Fig.31	9.682	Fig.32	9.725	Fig.33
	844	26990		50	0	9.725	Fig.34	9.768	Fig.35	9.812	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	14.718	Fig.40	14.783	Fig.41	14.718	Fig.42
	841.5	26965		75	0	14.653	Fig.43	14.588	Fig.44	14.718	Fig.45

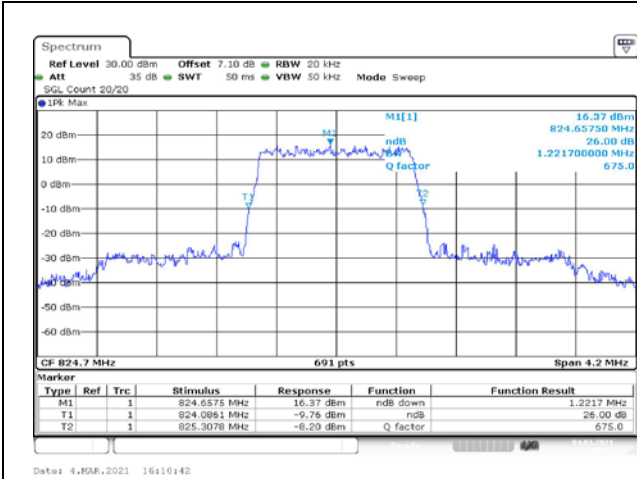


Fig.1

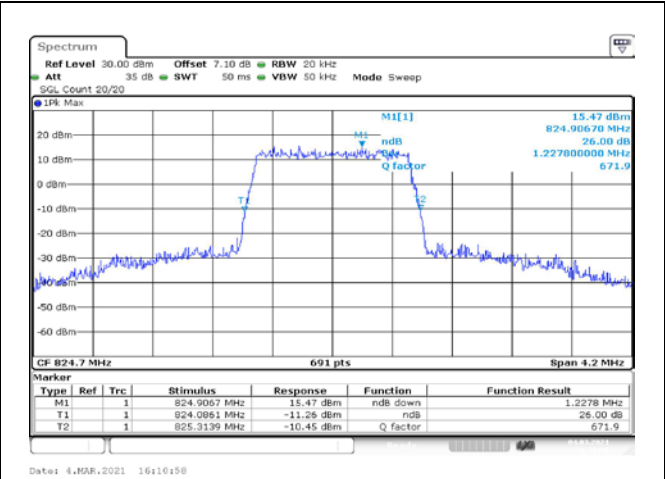


Fig.2

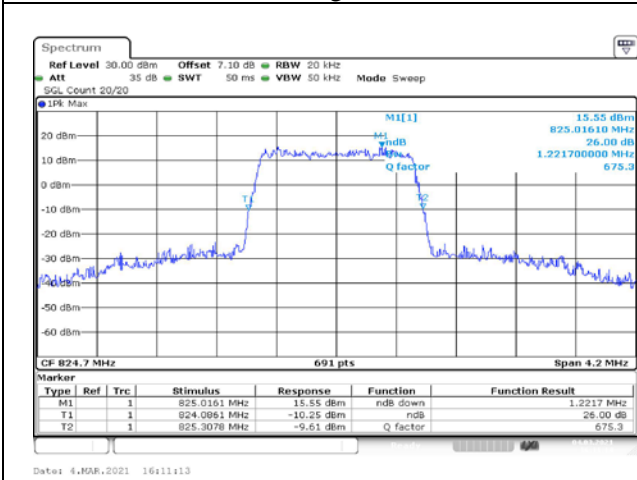


Fig.3

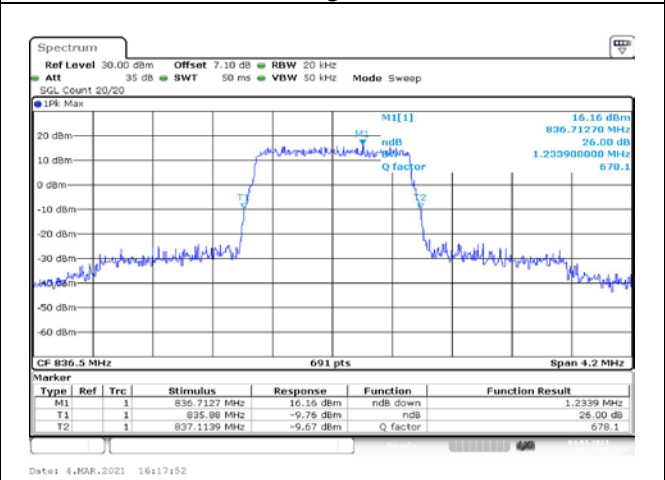


Fig.4

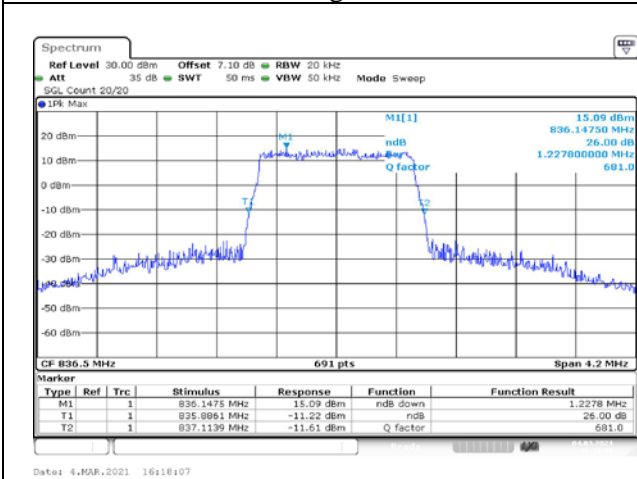


Fig.5

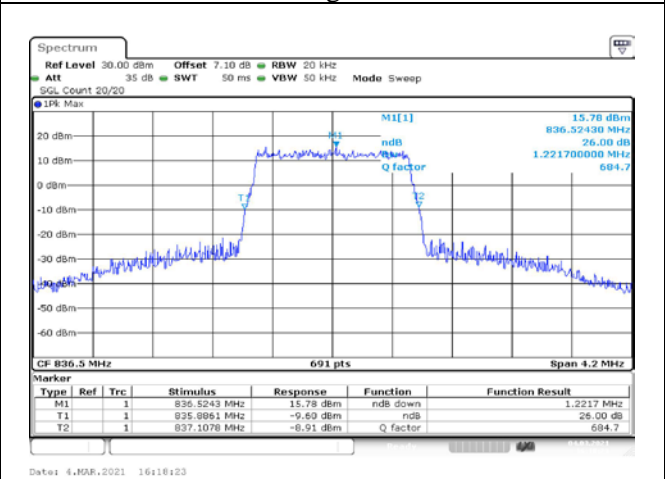


Fig.6

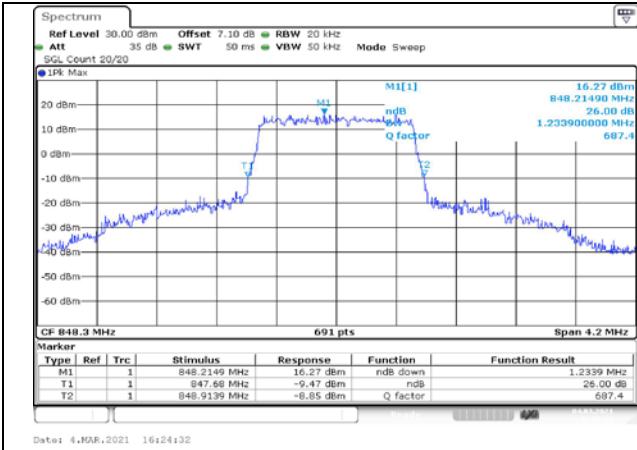


Fig.7

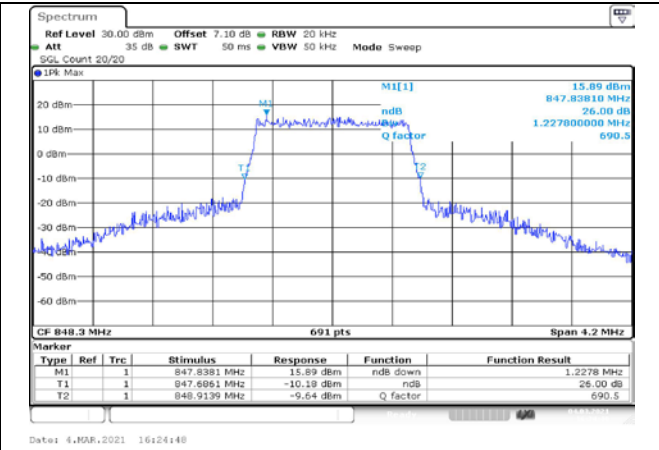


Fig.8

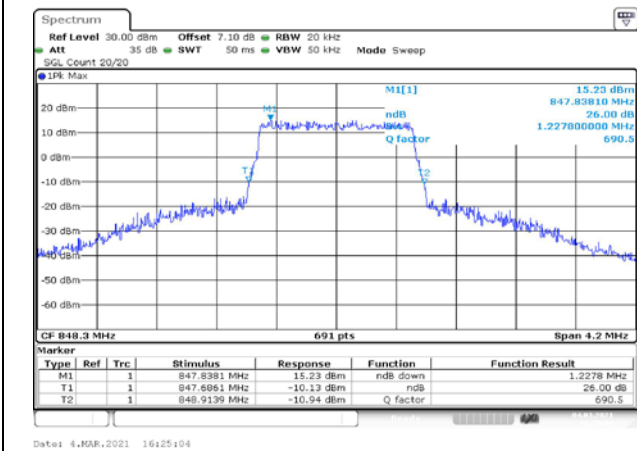


Fig.9

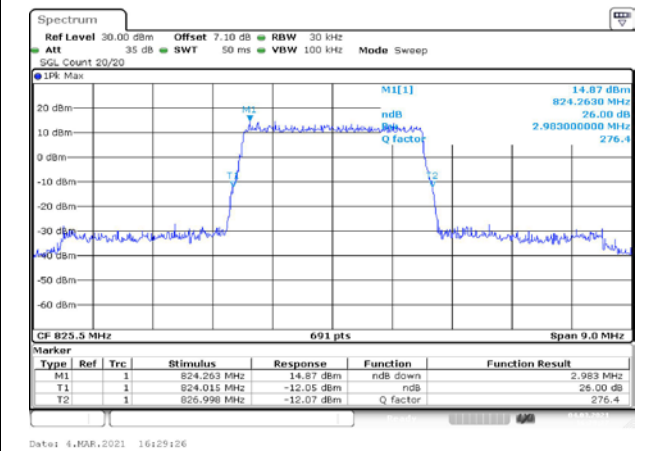


Fig.10

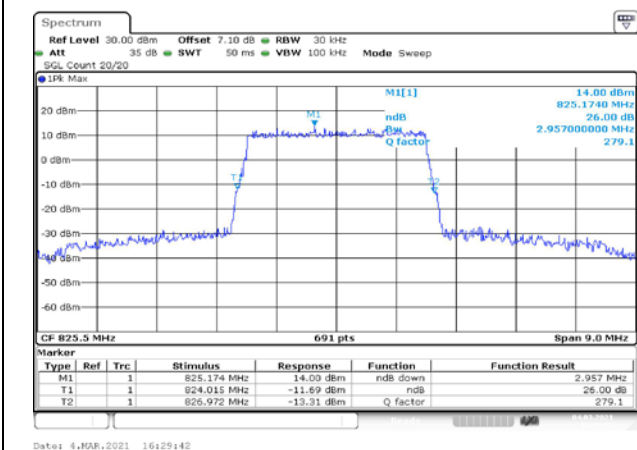


Fig.11

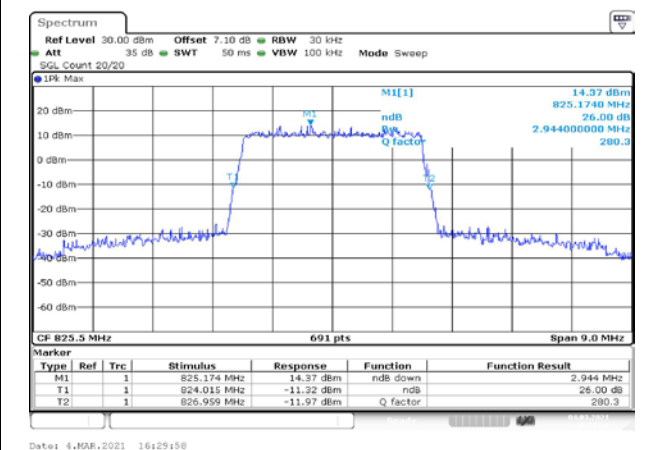


Fig.12

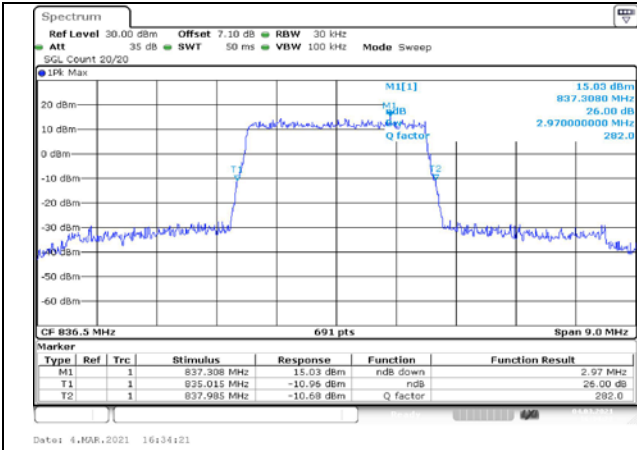


Fig.13

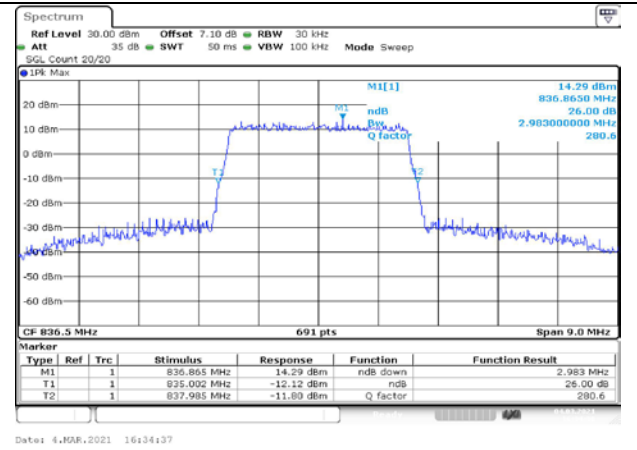


Fig.14

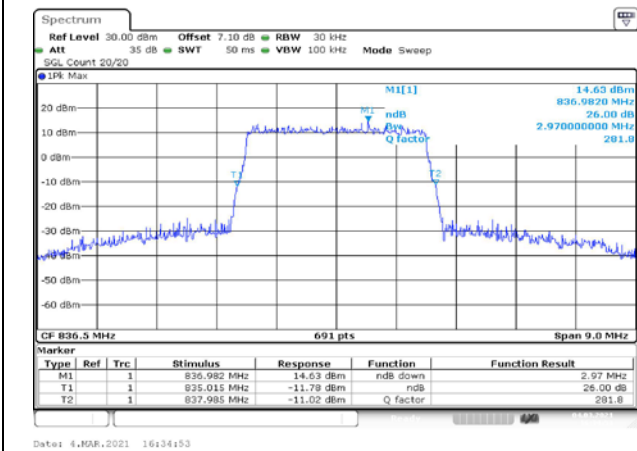


Fig.15

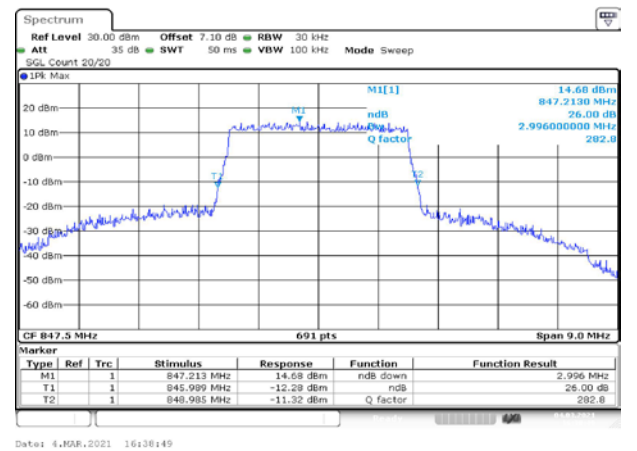


Fig.16

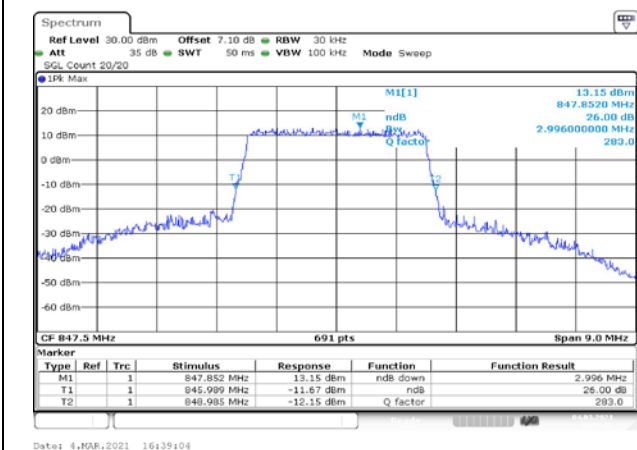


Fig.17

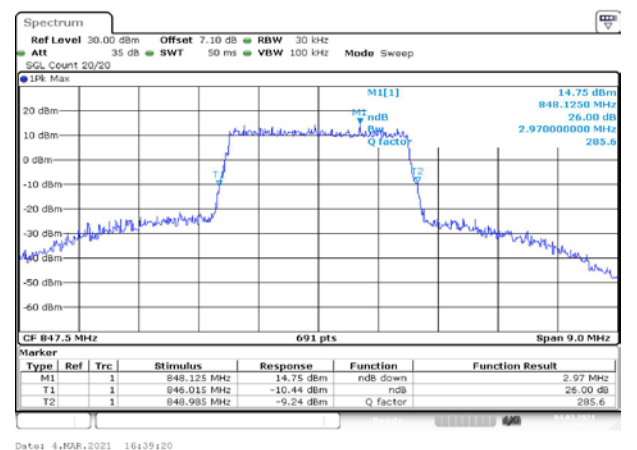


Fig.18

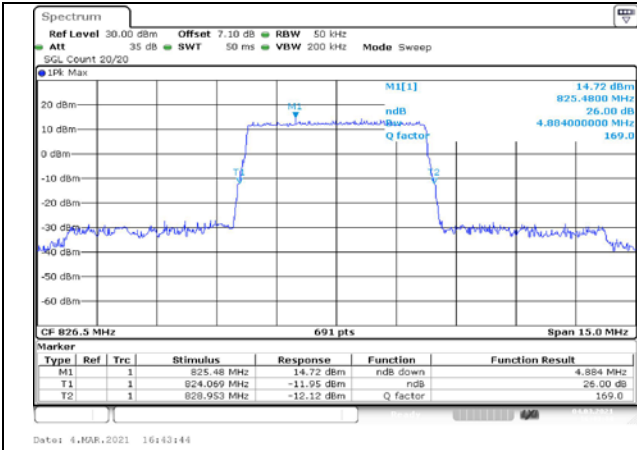


Fig.19

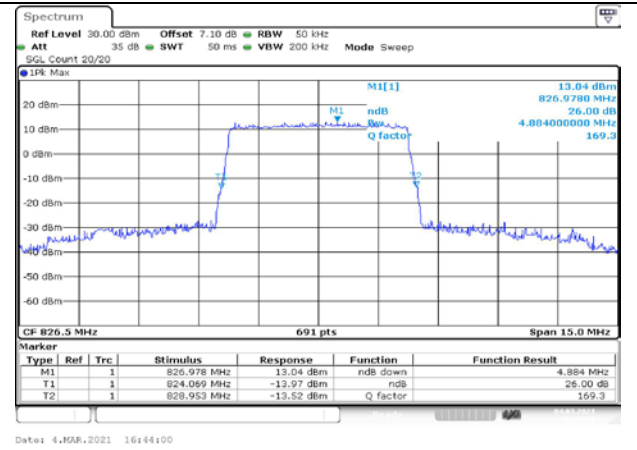


Fig.20

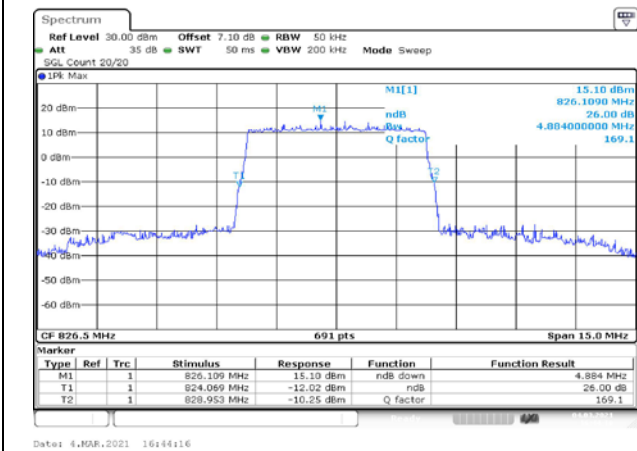


Fig.21

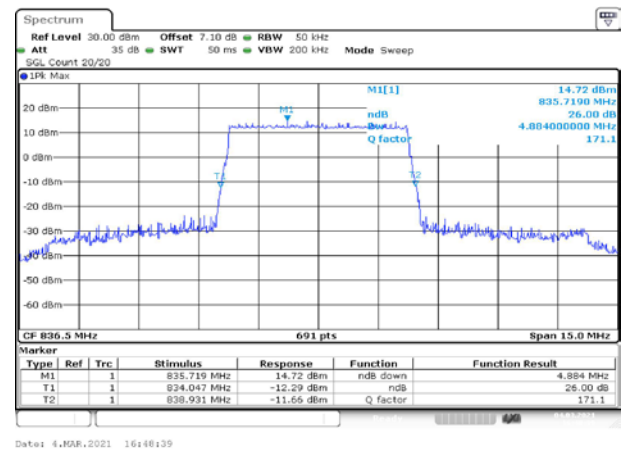


Fig.22

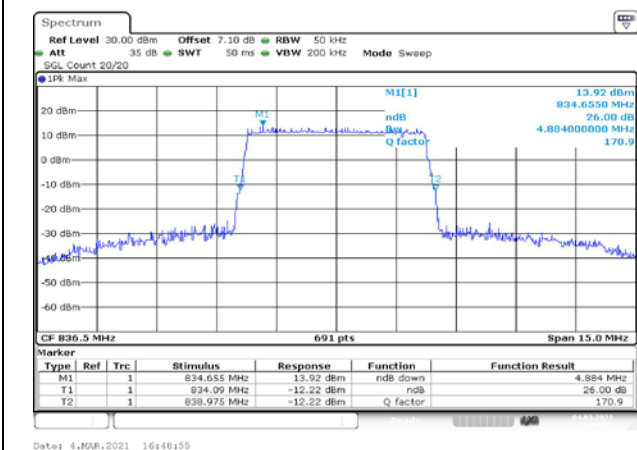


Fig.23

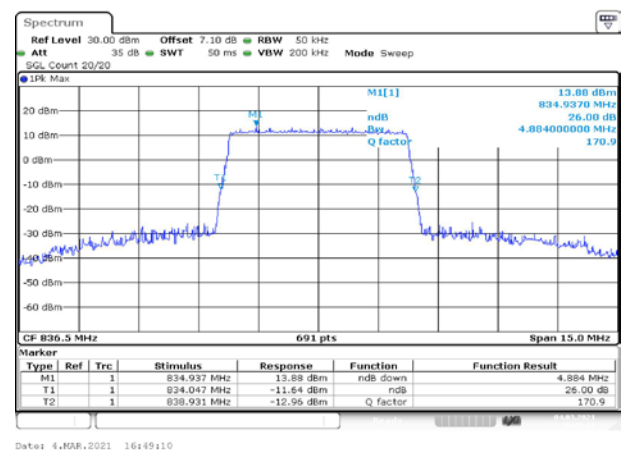


Fig.24