

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 26(824-849)

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	22.73
				1	3	22.76
				1	5	22.85
				3	0	22.80
				3	1	22.76
				3	3	22.74
	6	0		21.58		
	836.5	26915		1	0	22.25
				1	3	22.23
				1	5	22.22
				3	0	21.90
				3	1	21.88
				3	3	21.88
	6	0		20.86		
	848.3	27033		1	0	22.49
				1	3	22.50
				1	5	22.60
				3	0	22.58
3			1	22.54		
3			3	22.52		
16QAM	824.7	26797	6	0	21.35	
			1	0	22.54	
			1	3	22.45	
			1	5	22.68	
			3	0	21.70	
			3	1	21.76	
	3	3	21.78			
	6	0	20.76			
	836.5	26915	1	0	22.24	
			1	3	22.12	
			1	5	22.11	
			3	0	21.67	
			3	1	21.71	
			3	3	21.69	
	6	0	20.88			
	848.3	27033	1	0	22.31	
			1	3	22.19	
			1	5	22.42	
3			0	21.44		
3			1	21.53		
3			3	21.55		
6	0	20.50				

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	825.5	26805	3	1	0	22.65
				1	8	22.72
				1	14	22.69
				8	0	21.79
				8	4	21.76
				8	7	21.75
	15	0		21.78		
	836.5	26915		1	0	22.78
				1	8	22.79
				1	14	22.78
				8	0	21.79
				8	4	21.72
				8	7	21.73
	15	0		21.77		
	847.5	27025		1	0	22.76
1			8	22.73		
1			14	22.75		
8			0	21.66		
8			4	21.52		
8			7	21.52		
16QAM	825.5	26805	15	0	21.63	
			1	0	21.93	
			1	8	21.85	
			1	14	21.85	
			8	0	20.96	
			8	4	20.94	
	8	7	20.94			
	15	0	20.86			
	836.5	26915	1	0	21.83	
			1	8	21.97	
			1	14	21.83	
			8	0	20.72	
			8	4	20.75	
			8	7	20.77	
	15	0	20.74			
847.5	27025	1	0	21.36		
		1	8	21.38		
		1	14	21.47		
		8	0	20.82		
		8	4	20.73		
		8	7	20.67		
15	0	20.65				

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	
QPSK	826.5	26815	5	1	0	22.75	
				1	12	22.70	
				1	24	22.69	
				12	0	21.73	
				12	7	21.70	
				12	13	21.70	
				25	0	21.72	
	836.5	26915		1	0	22.73	
				1	12	22.72	
				1	24	22.71	
				12	0	21.83	
				12	7	21.70	
				12	13	21.70	
				25	0	21.78	
	846.5	27015		1	0	22.65	
				1	12	22.49	
				1	24	22.47	
				12	0	21.65	
				12	7	21.63	
				12	13	21.63	
				25	0	21.65	
	16QAM	826.5		26815	1	0	21.09
					1	12	20.85
					1	24	20.85
12			0		20.75		
12			7		20.71		
12			13		20.71		
25			0		20.83		
836.5		26915	1	0	21.65		
			1	12	21.69		
			1	24	21.69		
			12	0	20.61		
			12	7	20.62		
			12	13	20.62		
			25	0	20.67		
846.5		27015	1	0	21.59		
			1	12	21.55		
			1	24	21.65		
			12	0	20.64		
			12	7	20.59		
			12	13	20.69		
			25	0	20.75		

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	829	26840	10	1	0	22.77
				1	25	22.71
				1	49	22.71
				25	0	21.62
				25	12	21.81
				25	25	21.81
				50	0	21.72
	836.5	26915		1	0	22.81
				1	25	22.77
				1	49	22.77
				25	0	21.63
				25	12	21.60
				25	25	21.60
				50	0	21.62
	844	26990		1	0	22.64
				1	25	22.60
				1	49	22.58
				25	0	21.65
				25	12	21.57
				25	25	21.55
				50	0	21.61
16QAM	829	26840	1	0	21.92	
			1	25	21.76	
			1	49	21.89	
			25	0	20.69	
			25	12	20.70	
			25	25	20.71	
			50	0	20.76	
	836.5	26915	1	0	22.38	
			1	25	22.35	
			1	49	22.33	
			25	0	20.66	
			25	12	20.62	
			25	25	20.63	
			50	0	20.66	
	844	26990	1	0	21.46	
			1	25	21.34	
			1	49	21.33	
			25	0	20.84	
			25	12	20.83	
			25	25	20.66	
			50	0	20.79	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	831.5	26865	15	1	0	22.79
				1	37	22.64
				1	74	22.73
				36	0	21.76
				36	29	21.66
				36	30	21.66
	836.5	26915		75	0	21.85
				1	0	22.82
				1	37	22.74
				1	74	22.74
				36	0	21.79
				36	29	21.54
	841.5	26965		36	30	21.55
				75	0	21.60
				1	0	22.63
				1	37	22.60
				1	74	22.58
				36	0	21.57
16QAM	831.5	26865	36	29	21.75	
			36	30	21.75	
			75	0	21.58	
			1	0	21.98	
			1	37	22.01	
			1	74	22.05	
	836.5	26915	36	0	20.92	
			36	29	20.67	
			36	30	20.67	
			75	0	20.74	
			1	0	22.31	
			1	37	22.21	
	841.5	26965	1	74	22.21	
			36	0	20.83	
			36	29	20.72	
			36	30	20.72	
			75	0	20.77	
			1	0	21.88	
			1	37	21.79	
			1	74	22.05	
			36	0	20.70	
			36	29	20.63	
			36	30	20.64	
			75	0	20.65	

Occupied Bandwidth

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)			
						QPSK		16-QAM	
26	824.7	26797	1.4	6	0	1.082	Fig.1	1.094	Fig.2
	836.5	26915		6	0	1.082	Fig.3	1.082	Fig.4
	848.3	27033		6	0	1.082	Fig.5	1.088	Fig.6
	825.5	26805	3	15	0	2.683	Fig.7	2.683	Fig.8
	836.5	26915		15	0	2.696	Fig.9	2.683	Fig.10
	847.5	27025		15	0	2.709	Fig.11	2.683	Fig.12
	826.5	26815	5	25	0	4.472	Fig.13	4.472	Fig.14
	836.5	26915		25	0	4.472	Fig.15	4.472	Fig.16
	846.5	27015		25	0	4.472	Fig.17	4.472	Fig.18
	829	26840	10	50	0	8.900	Fig.19	8.944	Fig.20
	836.5	26915		50	0	8.900	Fig.21	8.944	Fig.22
	844	26990		50	0	8.900	Fig.23	8.944	Fig.24
	831.5	26865	15	75	0	13.415	Fig.25	13.415	Fig.26
	836.5	26915		75	0	13.415	Fig.27	13.415	Fig.28
	841.5	26965		75	0	13.350	Fig.29	13.415	Fig.30

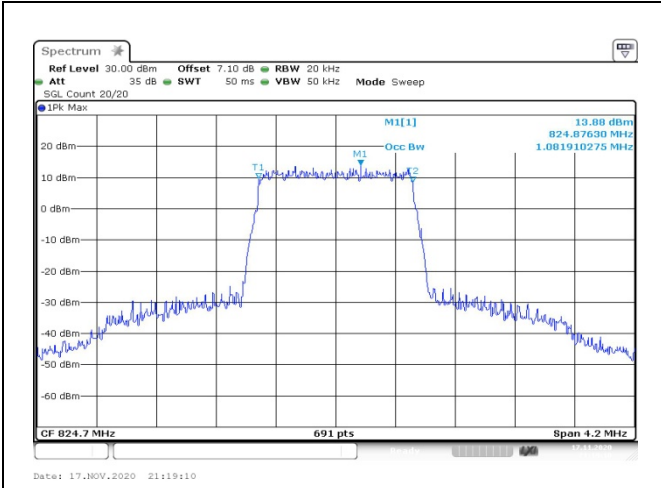


Fig.1

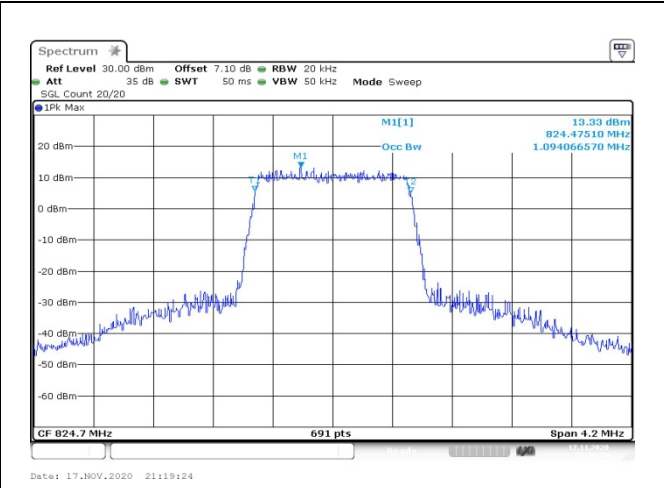


Fig.2

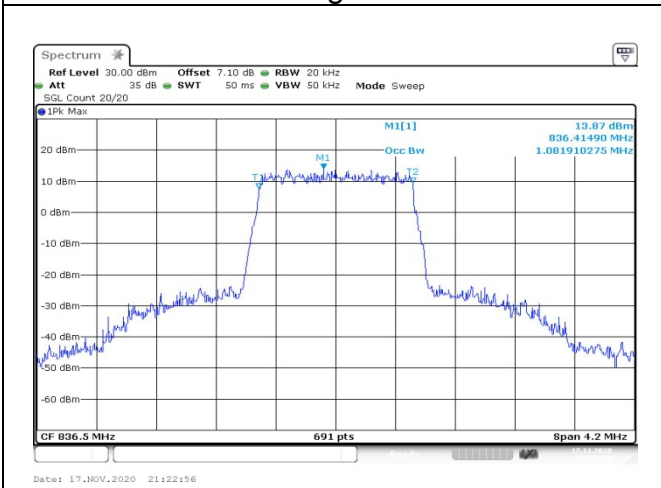


Fig.3

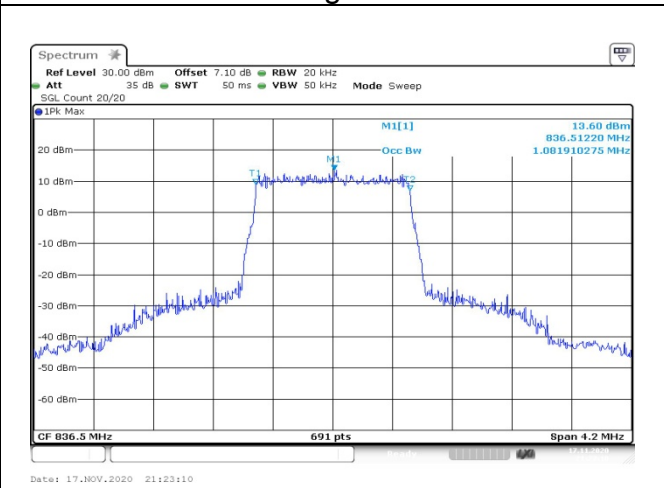


Fig.4

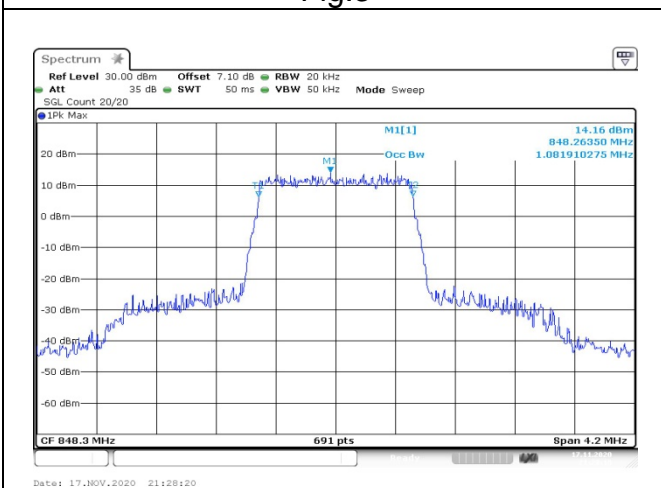


Fig.5

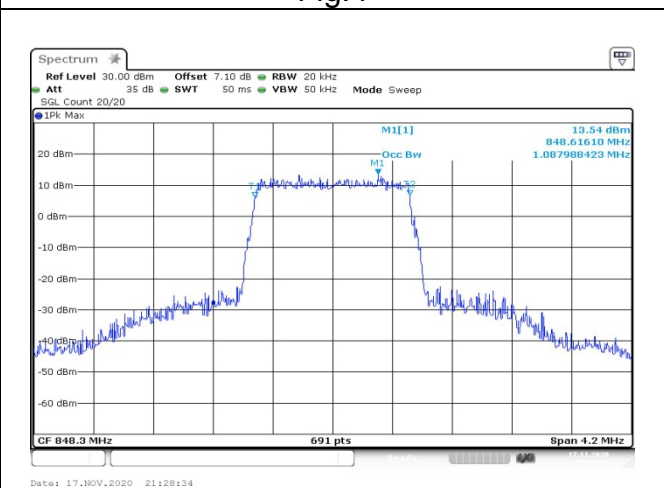


Fig.6

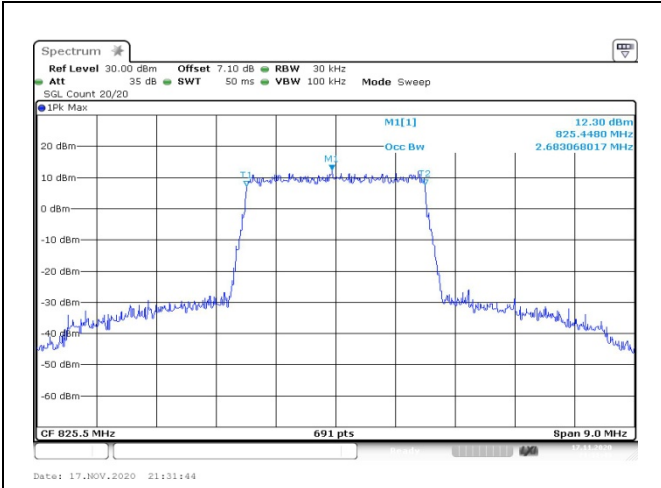


Fig.7

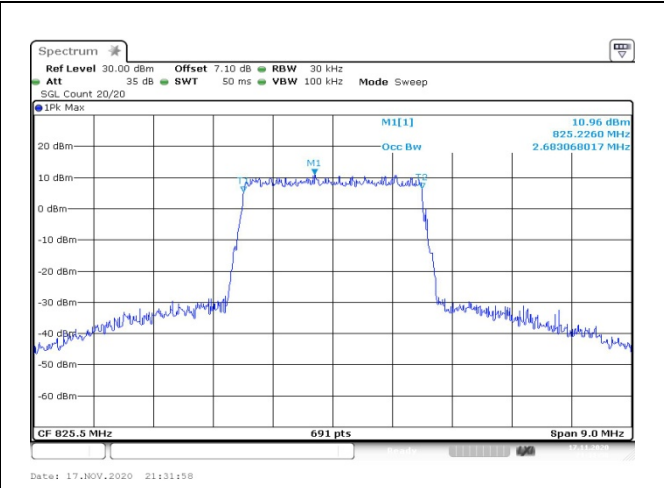


Fig.8

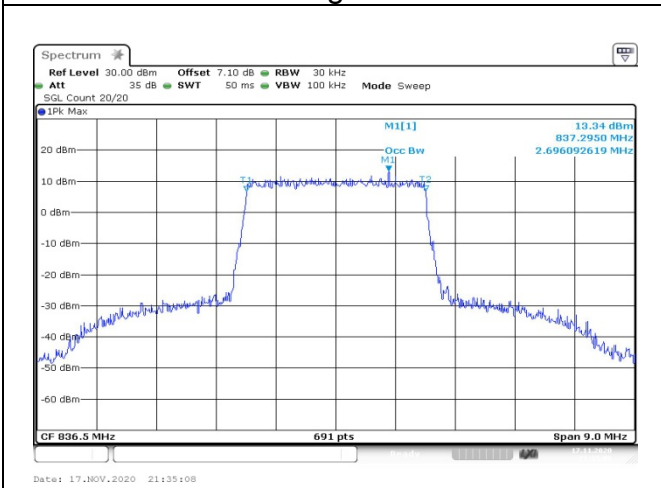


Fig.9

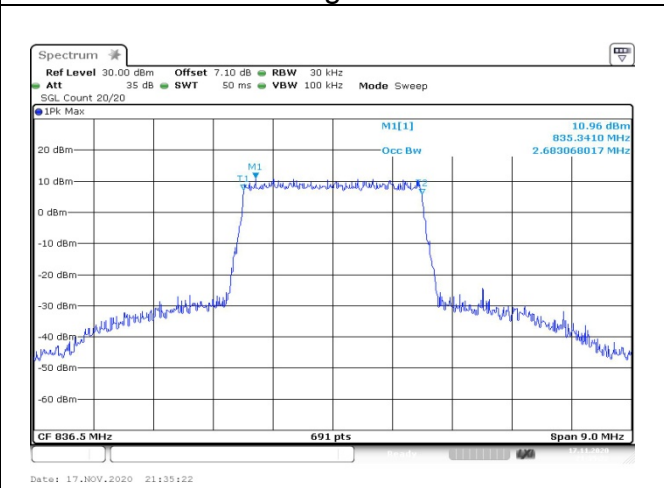


Fig.10

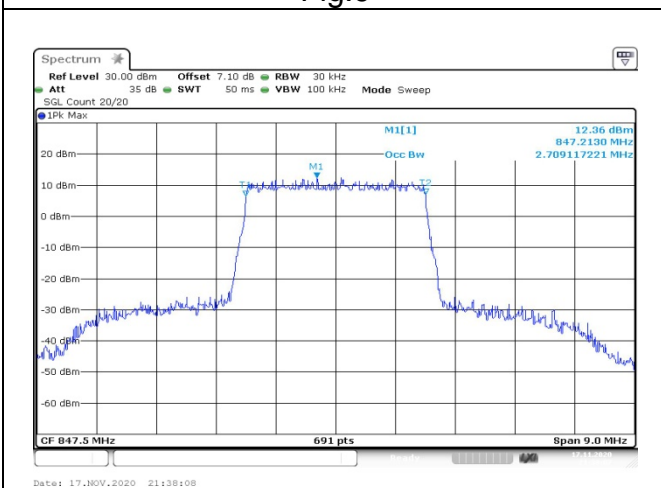


Fig.11

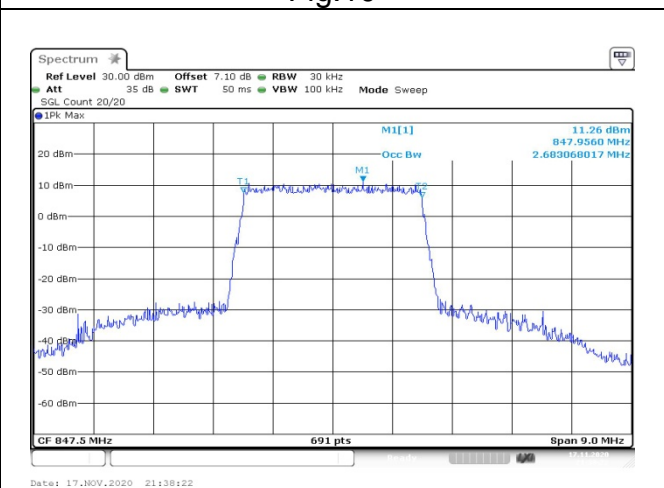


Fig.12

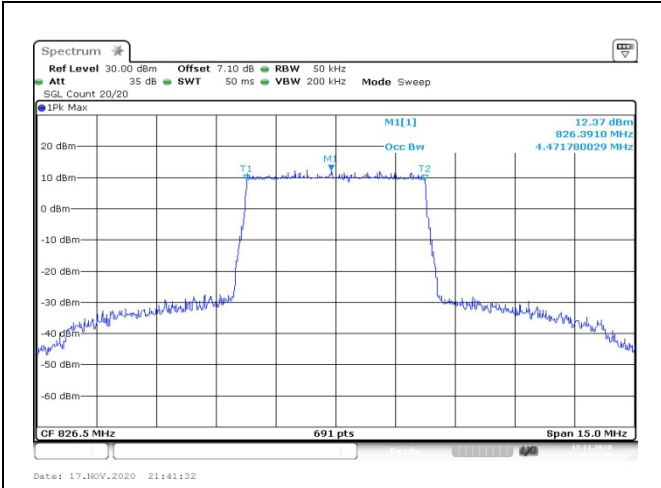


Fig. 13

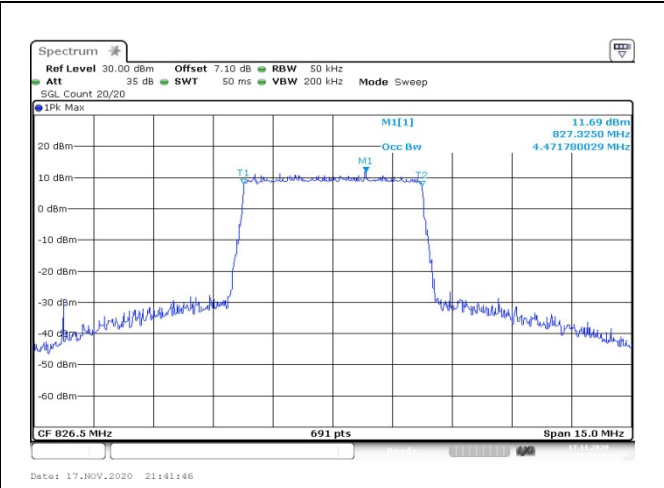


Fig. 14

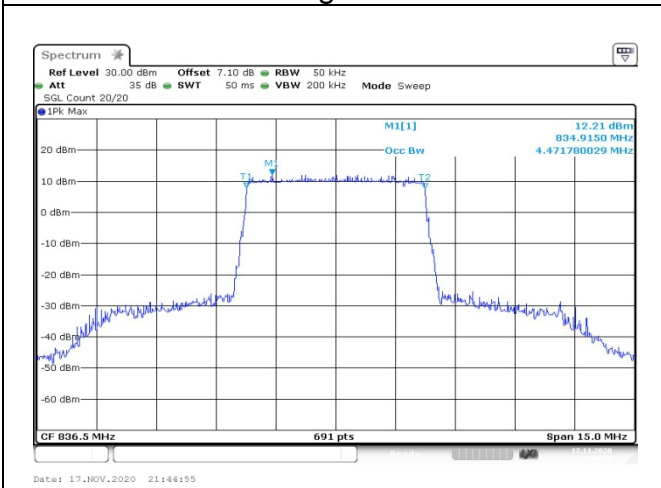


Fig. 15

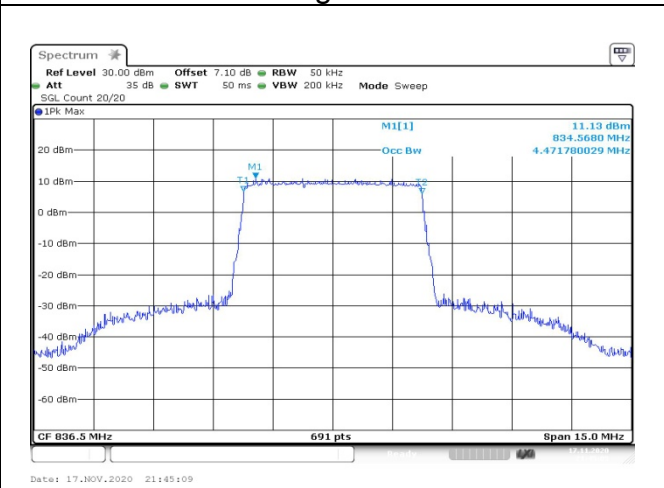


Fig. 16

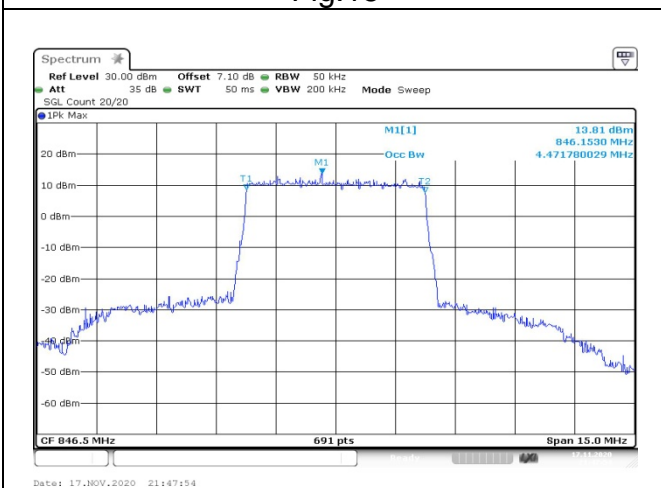


Fig. 17

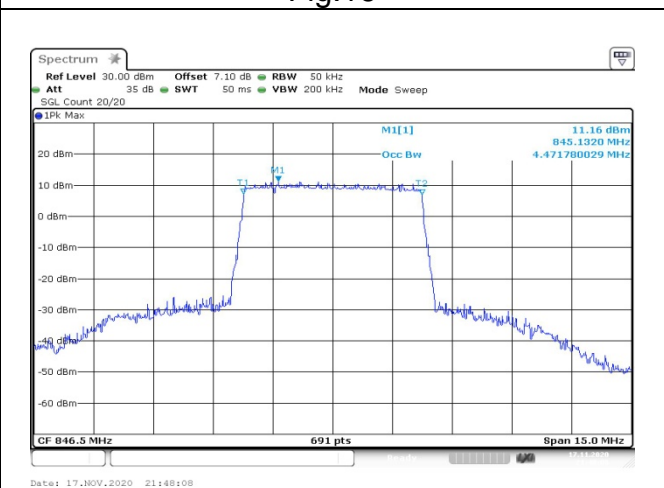


Fig. 18

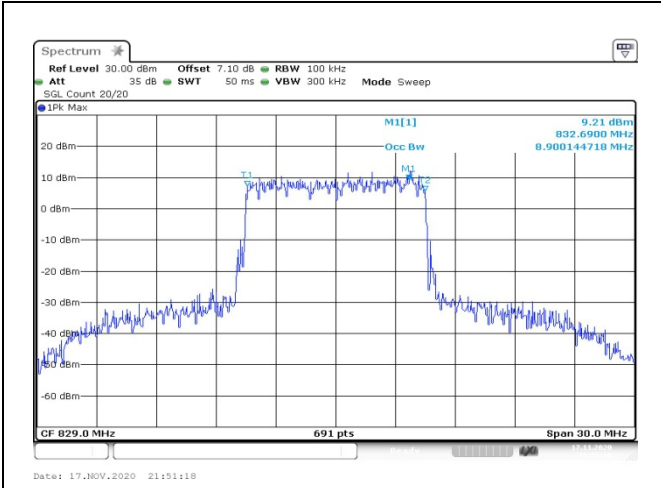


Fig.19

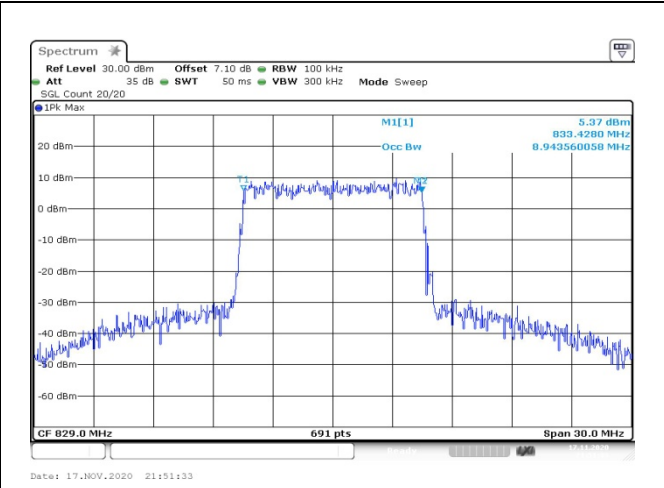


Fig.20

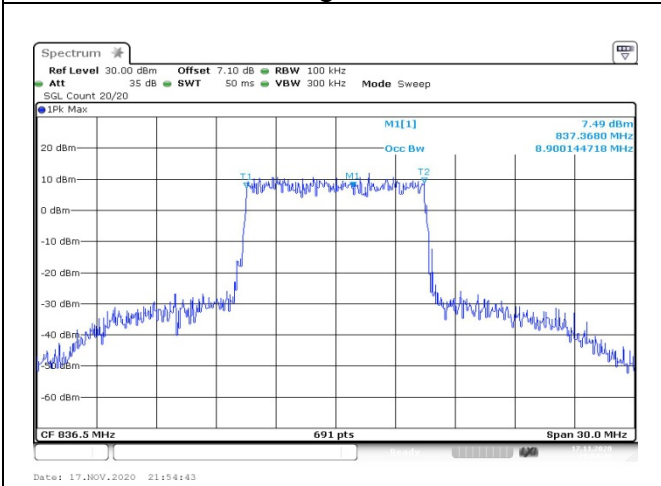


Fig.21

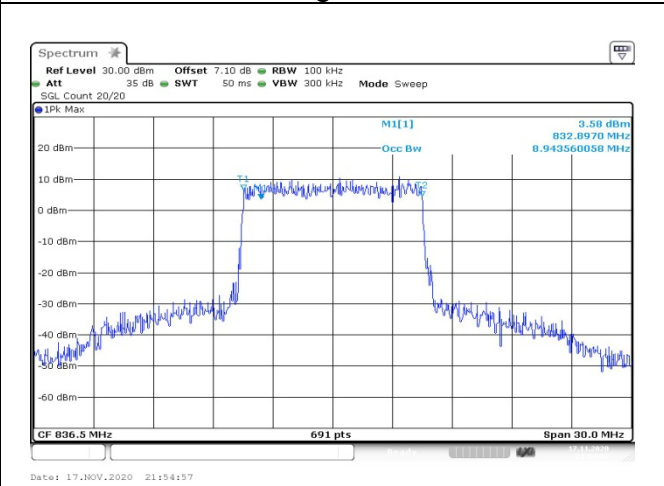


Fig.22

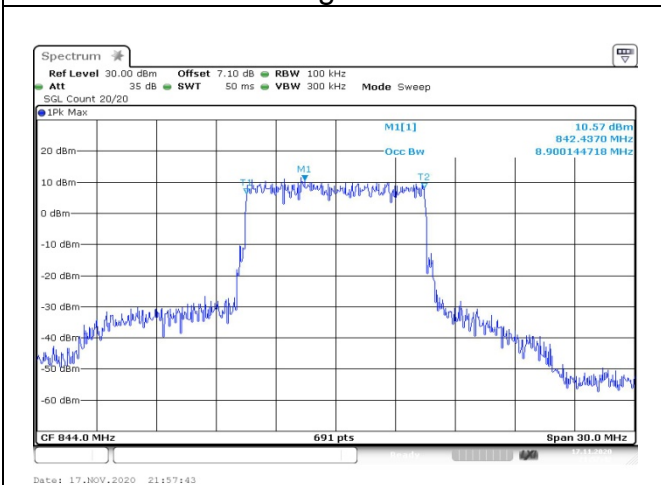


Fig.23

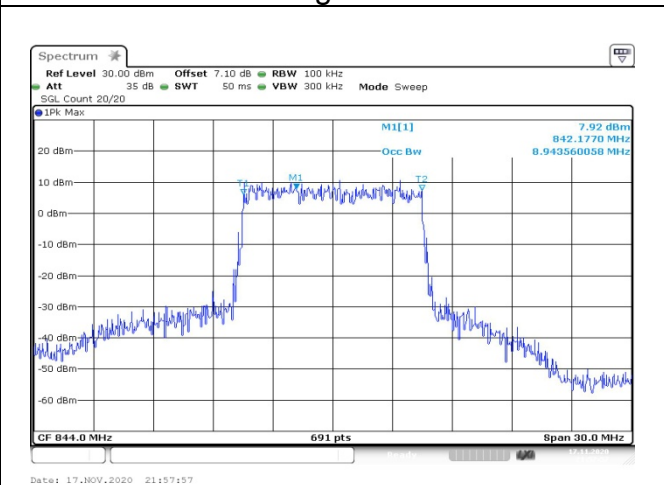


Fig.24

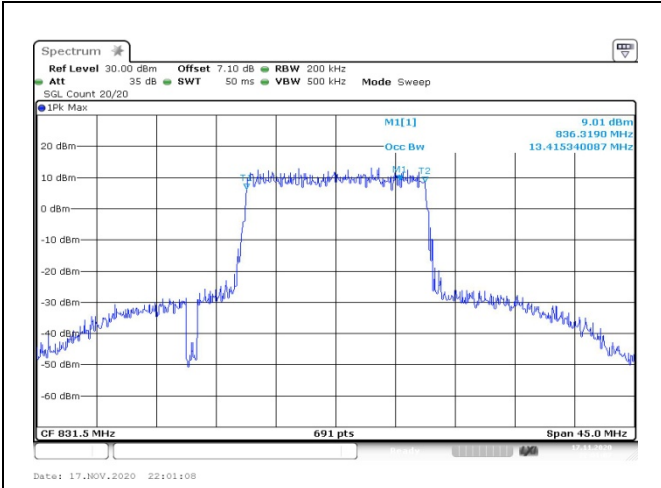


Fig.25

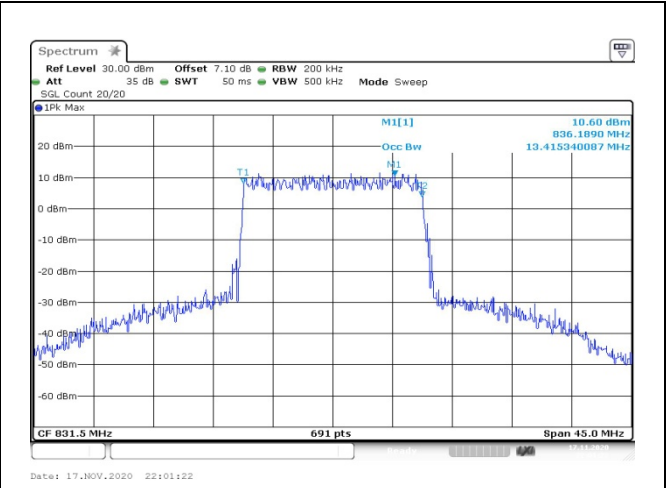


Fig.26

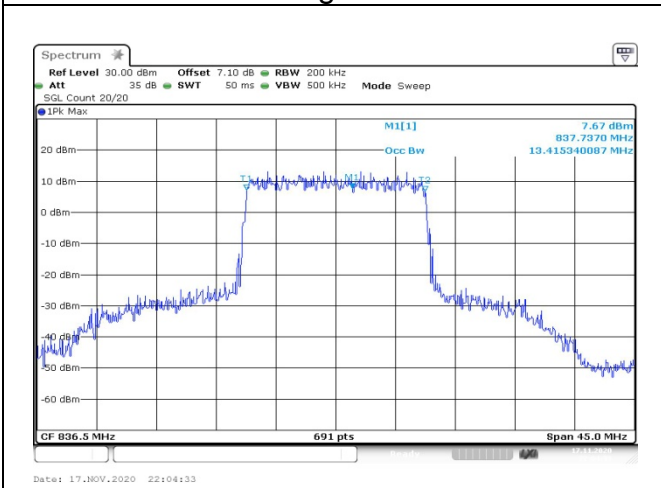


Fig.27

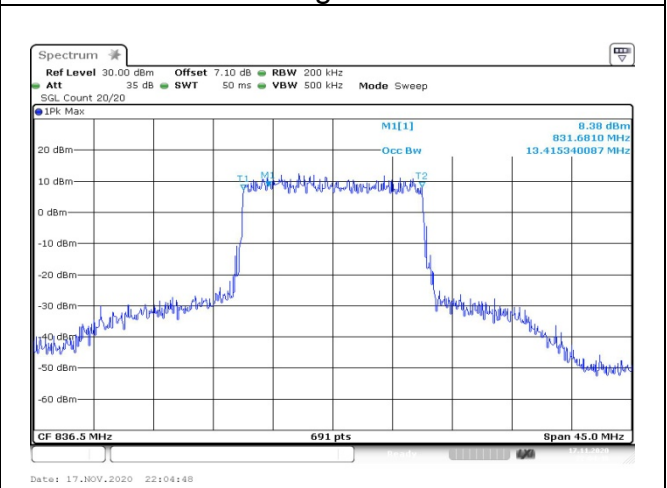


Fig.28

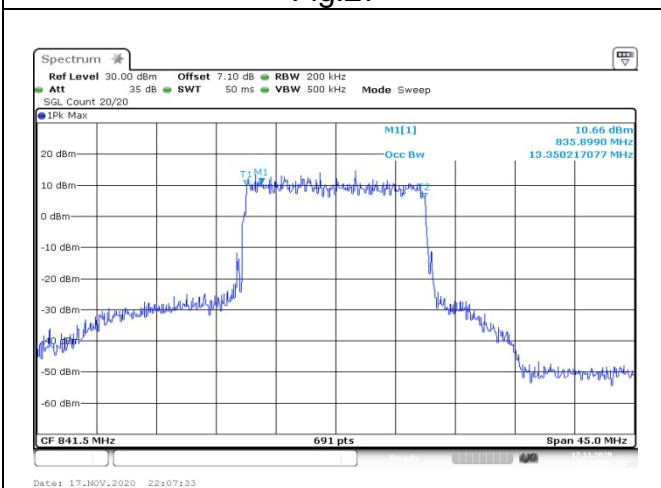


Fig.29

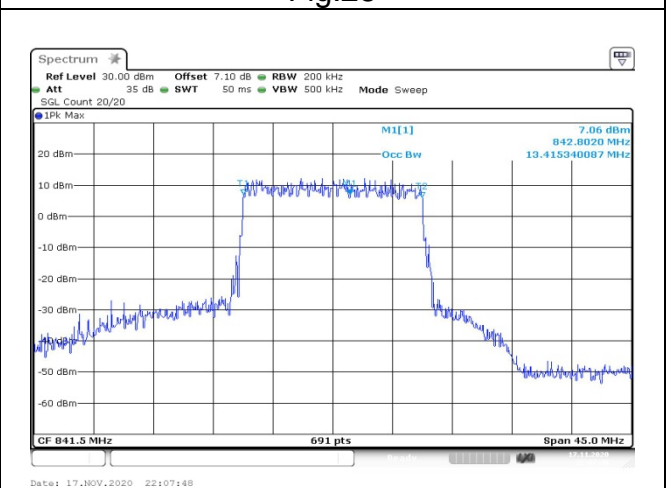


Fig.30

Emission Bandwidth

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)			
						QPSK		16-QAM	
26	824.7	26797	1.4	6	0	1.228	Fig.1	1.228	Fig.2
	836.5	26915		6	0	1.222	Fig.3	1.222	Fig.4
	848.3	27033		6	0	1.240	Fig.5	1.240	Fig.6
	825.5	26805	3	15	0	2.970	Fig.7	2.944	Fig.8
	836.5	26915		15	0	2.931	Fig.9	2.996	Fig.10
	847.5	27025		15	0	2.996	Fig.11	2.983	Fig.12
	826.5	26815	5	25	0	4.906	Fig.13	4.841	Fig.14
	836.5	26915		25	0	4.884	Fig.15	4.906	Fig.16
	846.5	27015		25	0	4.841	Fig.17	4.928	Fig.18
	829	26840	10	50	0	9.638	Fig.19	9.595	Fig.20
	836.5	26915		50	0	9.682	Fig.21	9.682	Fig.22
	844	26990		50	0	9.725	Fig.23	9.725	Fig.24
	831.5	26865	15	75	0	14.653	Fig.25	14.718	Fig.26
	836.5	26915		75	0	14.653	Fig.27	14.718	Fig.28
	841.5	26965		75	0	14.783	Fig.29	14.522	Fig.30

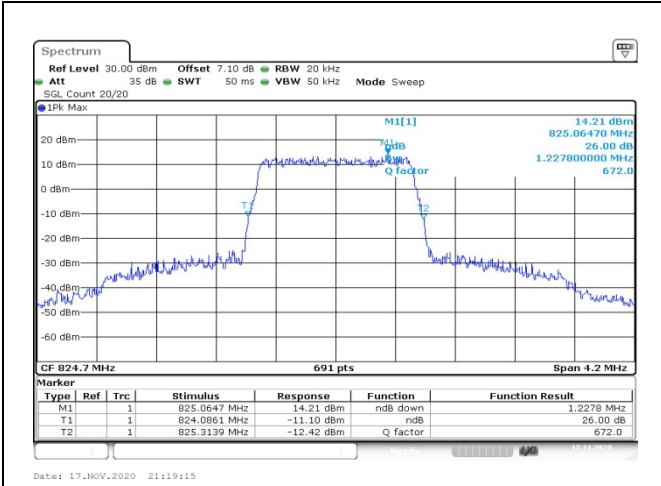


Fig.1

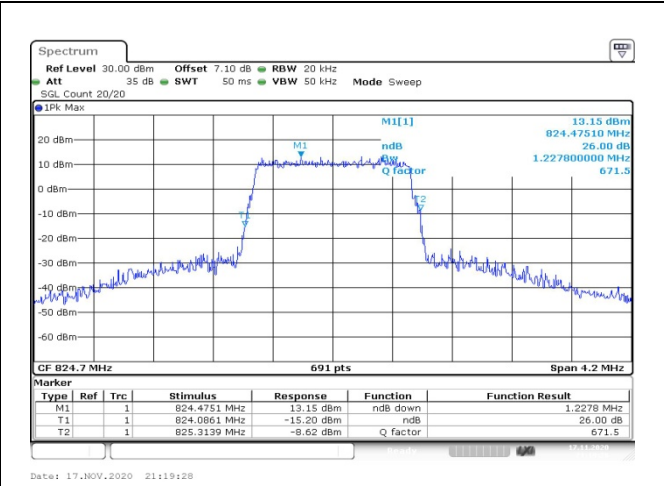


Fig.2

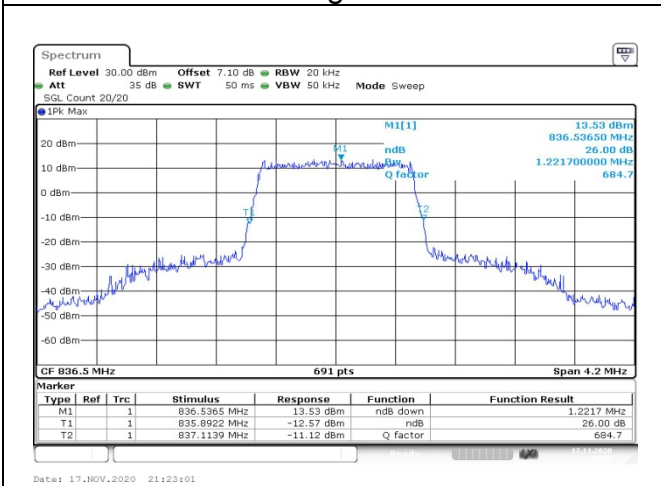


Fig.3

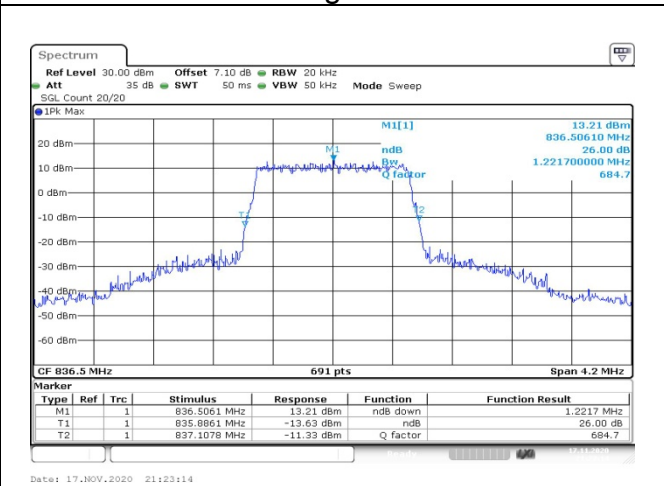


Fig.4

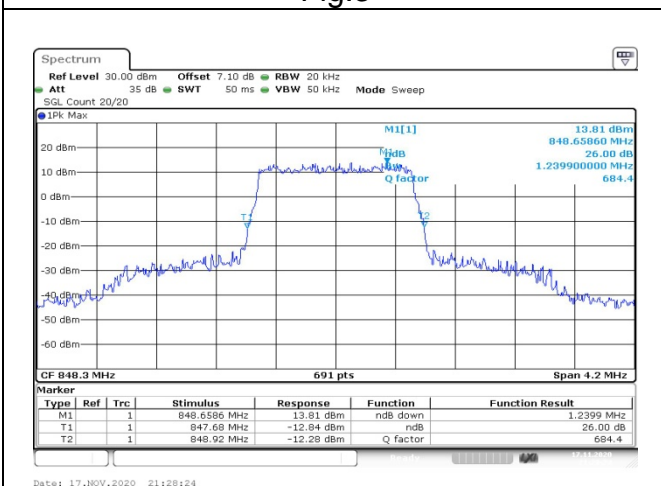


Fig.5

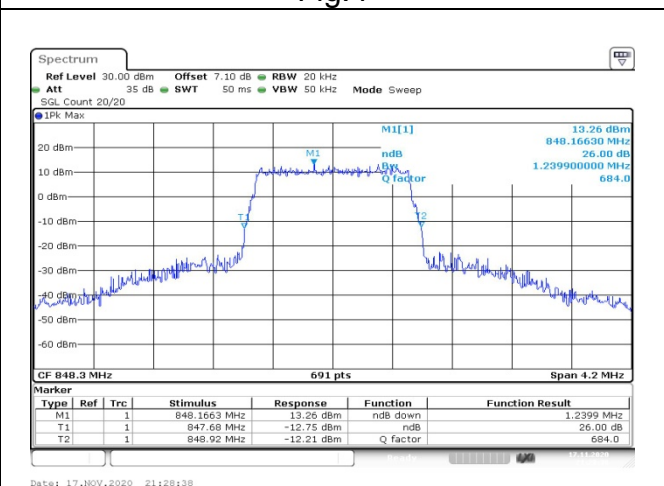


Fig.6

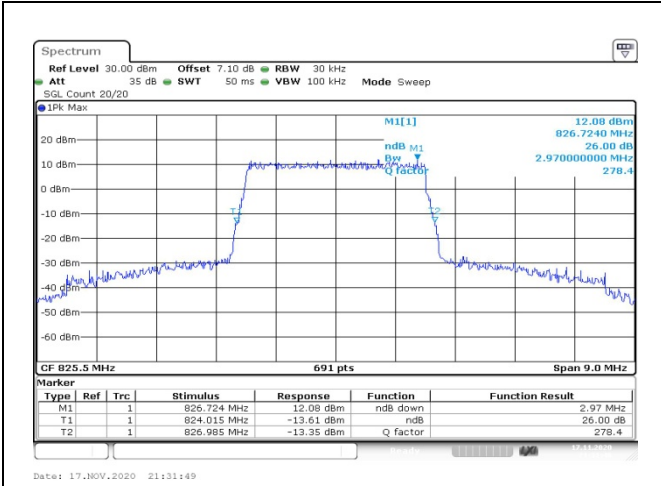


Fig.7

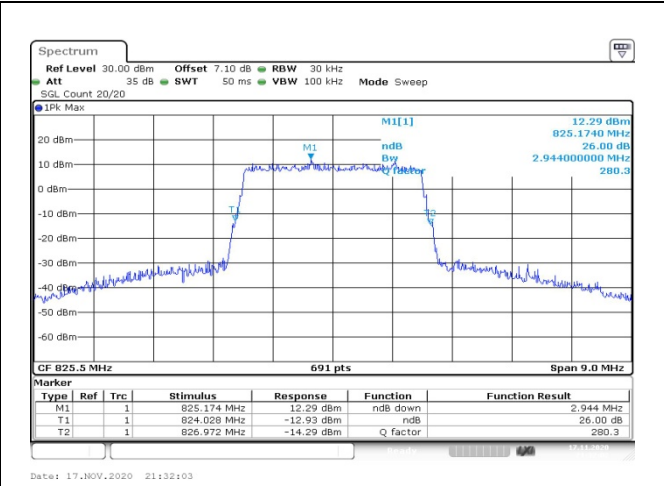


Fig.8

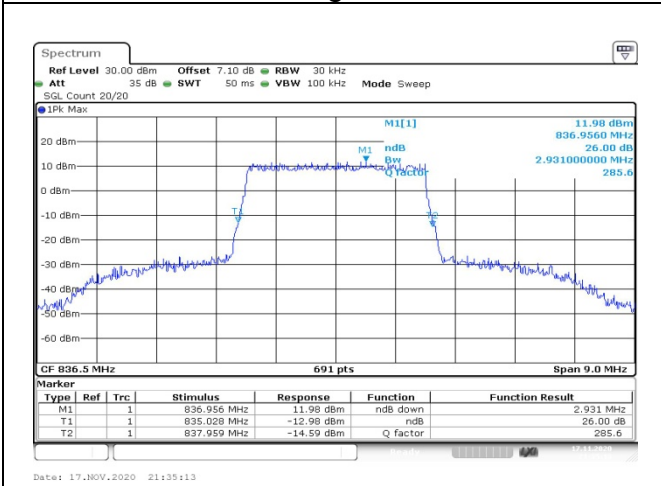


Fig.9

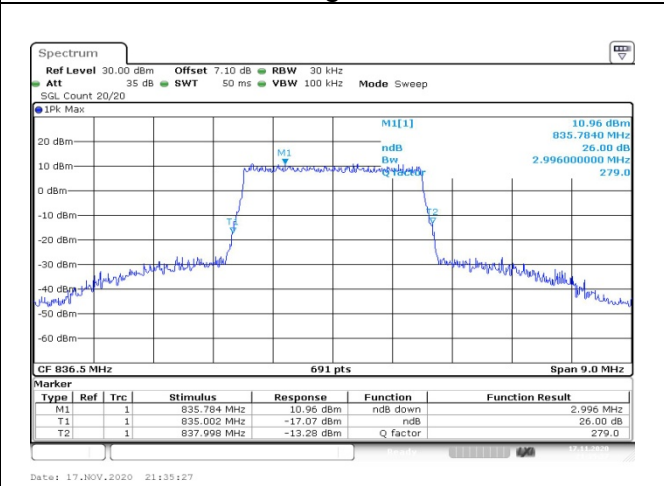


Fig.10

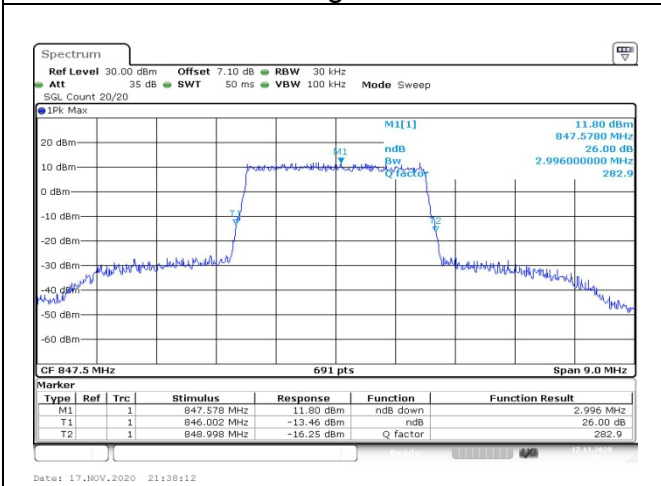


Fig.11

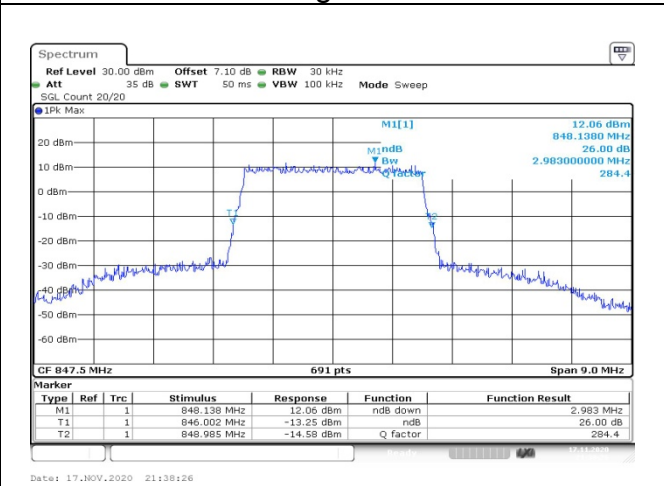


Fig.12

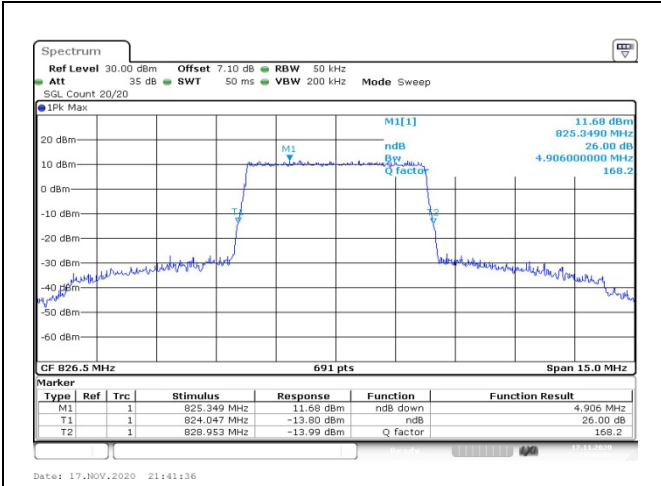


Fig.13

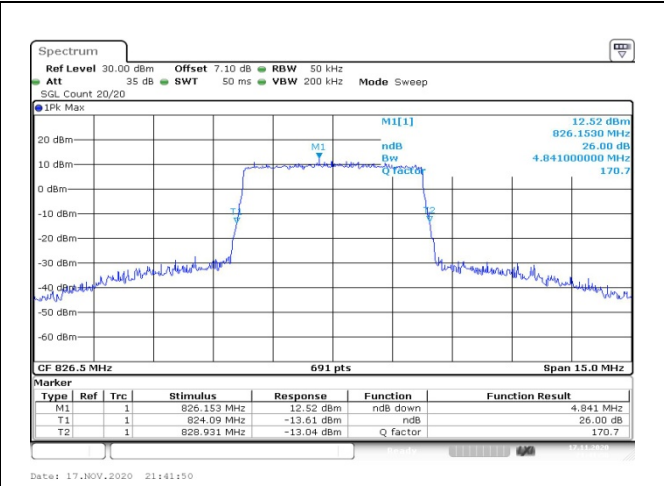


Fig.14

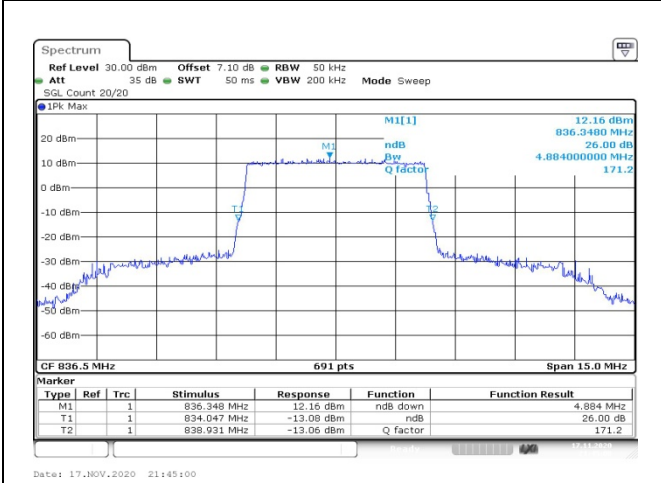


Fig.15

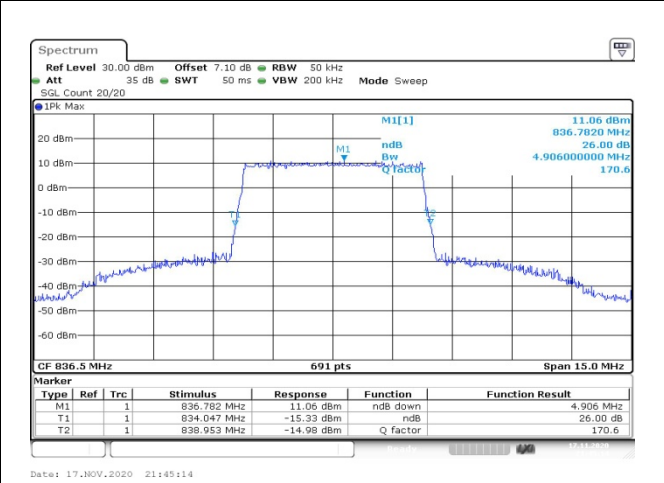


Fig.16

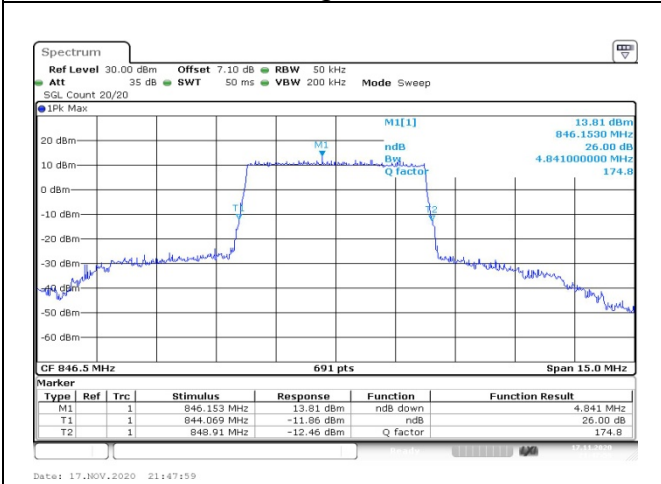


Fig.17

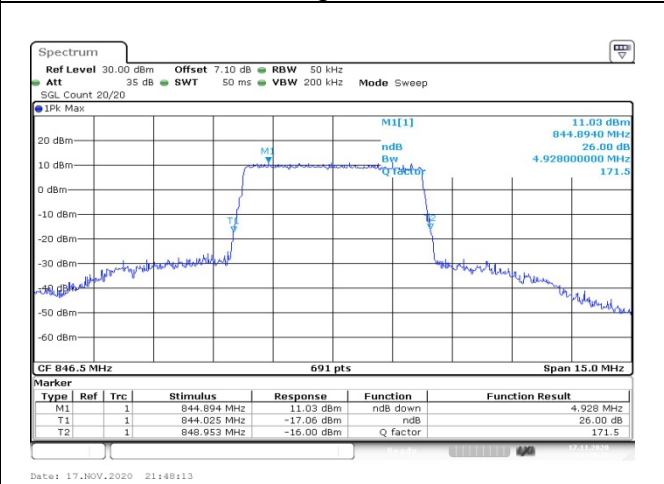


Fig.18