

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 12

1 RF Power Output

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	
16QAM	699.7	23017	1.4	1	0	21.77	
				1	3	21.92	
				1	5	21.70	
				3	0	21.60	
				3	1	21.77	
				3	3	21.80	
	6	0		20.83			
	707.5	23095		1	0	21.92	
				1	3	21.97	
				1	5	21.91	
				3	0	21.87	
				3	1	21.70	
				3	3	21.60	
	6	0		20.62			
	715.3	23173		1	0	21.86	
				1	3	21.97	
				1	5	21.78	
				3	0	21.46	
				3	1	21.50	
				3	3	21.39	
	6	0		20.59			
	64QAM	699.7		23017	1	0	21.14
					1	3	21.26
					1	5	21.11
3					0	20.95	
3					1	20.88	
3					3	20.86	
6		0		19.76			
707.5		23095		1	0	20.63	
				1	3	20.60	
				1	5	20.61	
				3	0	20.86	
				3	1	20.84	
				3	3	20.75	
6		0		19.46			
715.3		23173		1	0	20.89	
				1	3	20.94	
				1	5	20.59	
				3	0	20.54	
				3	1	20.59	
				3	3	20.54	
6		0		19.57			

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	699.7	23017	1.4	1	0	22.62
				1	3	22.74
				1	5	22.56
				3	0	22.69
				3	1	22.78
				3	3	22.62
				6	0	21.70
	707.5	23095		1	0	22.63
				1	3	22.59
				1	5	22.60
				3	0	22.66
				3	1	22.63
				3	3	22.56
				6	0	21.62
	715.3	23173		1	0	22.59
				1	3	22.60
				1	5	22.39
				3	0	22.51
				3	1	22.55
				3	3	22.37
				6	0	21.66

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	700.5	23025	3	1	0	22.30
				1	8	22.57
				1	14	22.34
				8	0	21.06
				8	4	20.88
				8	7	20.88
				15	0	20.84
	707.5	23095		1	0	21.98
				1	8	22.08
				1	14	21.93
				8	0	20.68
				8	4	20.75
				8	7	20.73
				15	0	20.73
	714.5	23165		1	0	22.00
				1	8	21.95
				1	14	21.90
				8	0	20.57
				8	4	20.74
				8	7	20.72
				15	0	20.54
64QAM	700.5	23025	1	0	21.15	
			1	8	21.15	
			1	14	21.11	
			8	0	20.08	
			8	4	20.12	
			8	7	19.99	
			15	0	19.83	
	707.5	23095	1	0	20.55	
			1	8	20.57	
			1	14	20.46	
			8	0	19.66	
			8	4	19.76	
			8	7	19.69	
			15	0	19.80	
	714.5	23165	1	0	20.38	
			1	8	20.37	
			1	14	20.27	
			8	0	19.59	
			8	4	19.98	
			8	7	19.62	
			15	0	19.59	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	700.5	23025	3	1	0	22.75
				1	8	22.73
				1	14	22.79
				8	0	21.86
				8	4	21.80
				8	7	21.75
				15	0	21.80
	707.5	23095		1	0	22.64
				1	8	22.70
				1	14	22.65
				8	0	21.68
				8	4	21.71
				8	7	21.67
				15	0	21.65
	714.5	23165		1	0	22.61
				1	8	22.66
				1	14	22.55
				8	0	21.68
				8	4	21.59
				8	7	21.61
				15	0	21.59

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	701.5	23035	5	1	0	22.01
				1	12	21.98
				1	24	22.08
				12	0	20.79
				12	7	20.81
				12	13	20.76
				25	0	20.78
	707.5	23095		1	0	22.21
				1	12	22.23
				1	24	22.22
				12	0	20.69
				12	7	20.63
				12	13	20.72
				25	0	20.66
	713.5	23155		1	0	22.11
				1	12	22.22
				1	24	22.03
				12	0	20.55
				12	7	20.56
				12	13	20.64
				25	0	20.67
64QAM	701.5	23035	1	0	20.50	
			1	12	20.46	
			1	24	20.85	
			12	0	19.64	
			12	7	19.77	
			12	13	19.64	
			25	0	19.73	
	707.5	23095	1	0	21.04	
			1	12	21.16	
			1	24	20.98	
			12	0	19.96	
			12	7	19.80	
			12	13	19.87	
			25	0	19.83	
	713.5	23155	1	0	20.98	
			1	12	21.03	
			1	24	20.83	
			12	0	19.73	
			12	7	19.70	
			12	13	19.75	
			25	0	19.67	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	701.5	23035	5	1	0	22.68
				1	12	22.65
				1	24	22.81
				12	0	21.68
				12	7	21.83
				12	13	21.76
				25	0	21.65
	707.5	23095		1	0	22.64
				1	12	22.81
				1	24	22.59
				12	0	21.72
				12	7	21.72
				12	13	21.75
				25	0	21.70
	713.5	23155		1	0	22.67
				1	12	22.55
				1	24	22.60
				12	0	21.72
				12	7	21.71
				12	13	21.76
				25	0	21.64

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	
16QAM	704	23060	10	1	0	22.83	
				1	25	22.48	
				1	49	22.49	
				25	0	20.82	
				25	12	20.89	
				25	25	20.83	
				50	0	20.87	
	707.5	23095		1	0	21.97	
				1	25	21.92	
				1	49	21.74	
				25	0	20.82	
				25	12	20.81	
				25	25	20.81	
				50	0	20.65	
	711	23130		1	0	22.03	
				1	25	21.90	
				1	49	21.81	
				25	0	20.77	
				25	12	20.74	
				25	25	20.67	
				50	0	20.59	
	64QAM	704		23060	1	0	21.15
					1	25	21.07
					1	49	20.76
25					0	19.82	
25					12	19.82	
25					25	19.79	
50					0	19.84	
707.5		23095		1	0	20.76	
				1	25	20.60	
			1	49	20.58		
			25	0	19.78		
			25	12	19.88		
			25	25	19.91		
			50	0	19.87		
711		23130	1	0	20.44		
			1	25	20.41		
			1	49	20.26		
			25	0	19.73		
			25	12	19.88		
			25	25	19.85		
			50	0	19.76		

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	704	23060	10	1	0	22.89
				1	25	22.60
				1	49	22.63
				25	0	21.81
				25	12	21.81
				25	25	21.77
				50	0	21.85
	707.5	23095		1	0	22.80
				1	25	22.57
				1	49	22.59
				25	0	21.71
				25	12	21.69
				25	25	21.77
				50	0	21.79
	711	23130		1	0	22.69
				1	25	22.79
				1	49	22.68
				25	0	21.74
				25	12	21.83
				25	25	21.66
				50	0	21.74

2 Occupied Bandwidth

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)					
						QPSK		16-QAM		64-QAM	
12	699.7	23017	1.4	6	0	1.082	Fig.1	1.082	Fig.2	1.082	Fig.3
	707.5	23095		6	0	1.082	Fig.4	1.082	Fig.5	1.088	Fig.6
	715.3	23173		6	0	1.088	Fig.7	1.082	Fig.8	1.082	Fig.9
	700.5	23025	3	15	0	2.683	Fig.10	2.683	Fig.11	2.683	Fig.12
	707.5	23095		15	0	2.683	Fig.13	2.683	Fig.14	2.683	Fig.15
	714.5	23165		15	0	2.683	Fig.16	2.696	Fig.17	2.670	Fig.18
	701.5	23035	5	25	0	4.450	Fig.19	4.472	Fig.20	4.472	Fig.21
	707.5	23095		25	0	4.450	Fig.22	4.472	Fig.23	4.472	Fig.24
	713.5	23155		25	0	4.493	Fig.25	4.493	Fig.26	4.472	Fig.27
	704	23060	10	50	0	8.944	Fig.28	8.944	Fig.29	8.944	Fig.30
	707.5	23095		50	0	8.944	Fig.31	8.900	Fig.32	8.857	Fig.33
	711	23130		50	0	8.944	Fig.34	8.944	Fig.35	8.900	Fig.36

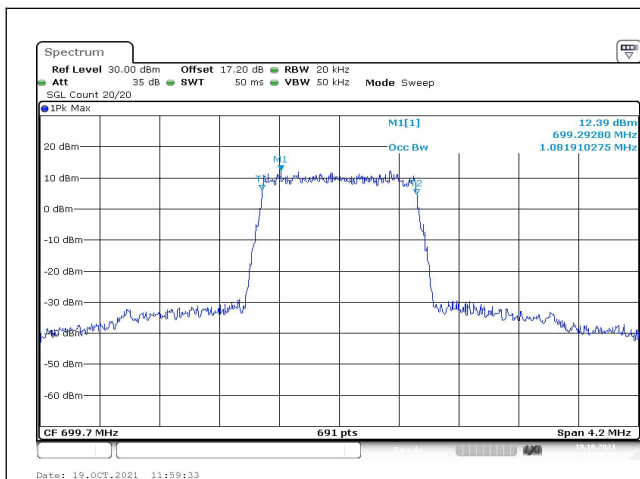


Fig.1

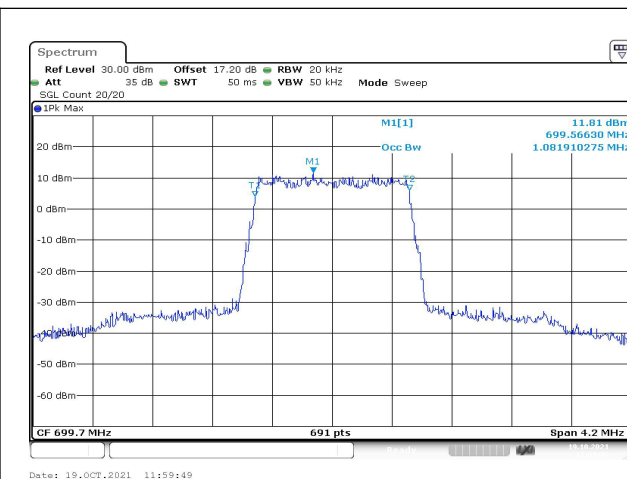


Fig.2

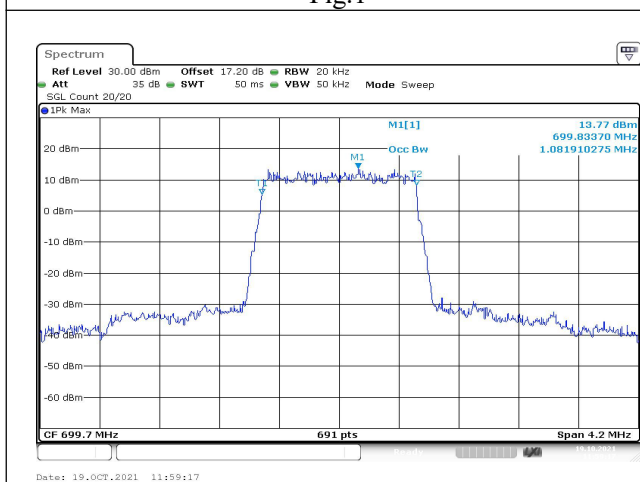


Fig.3

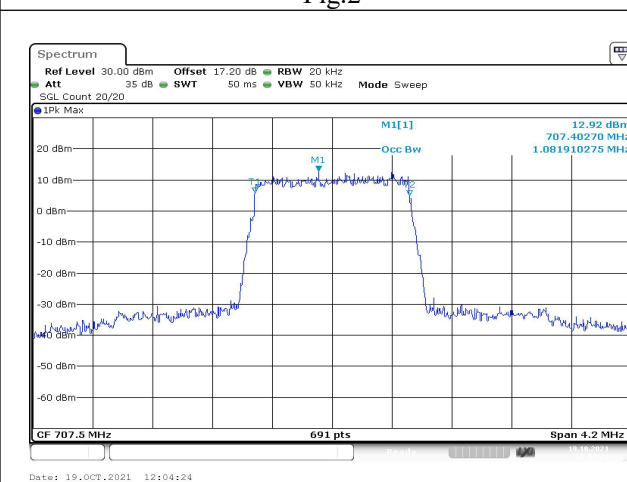


Fig.4

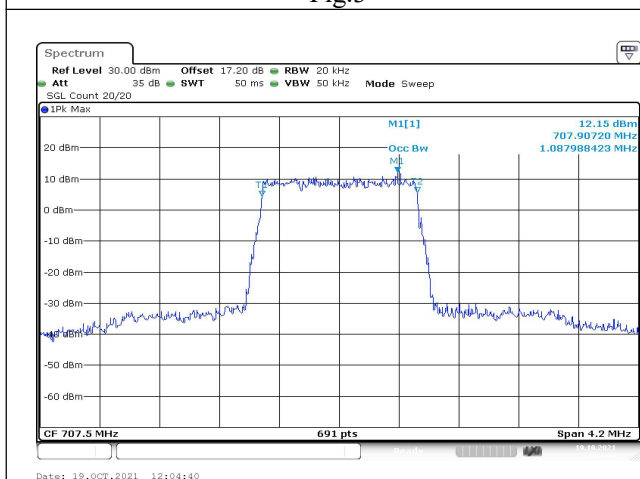


Fig.5

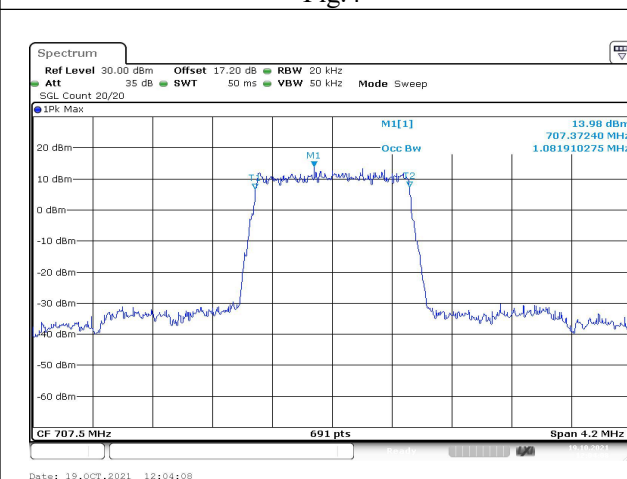


Fig.6

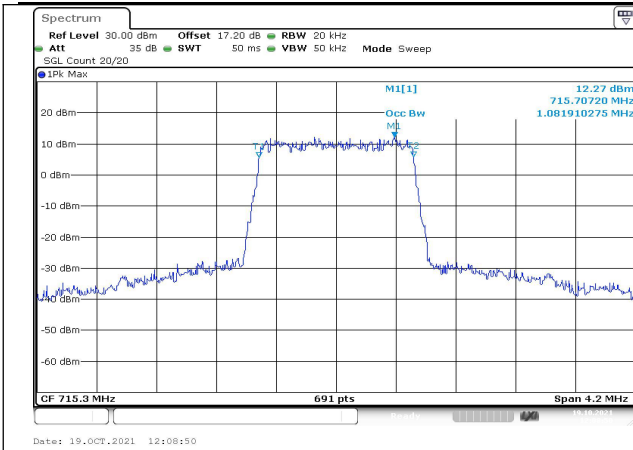


Fig.7

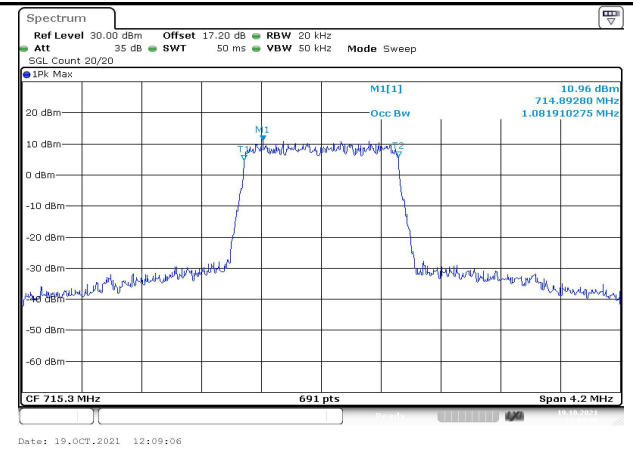


Fig.8

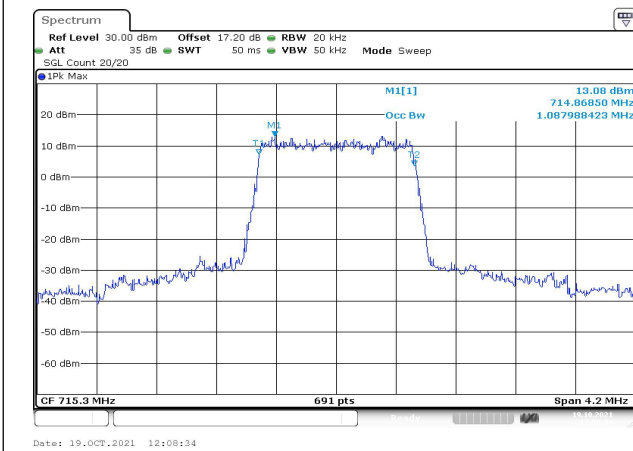


Fig.9

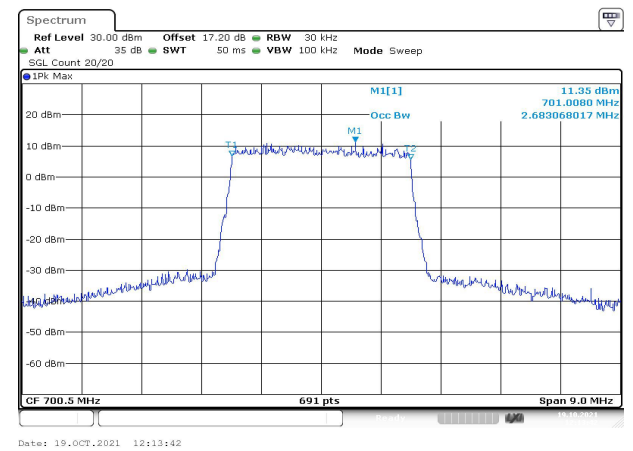


Fig.10

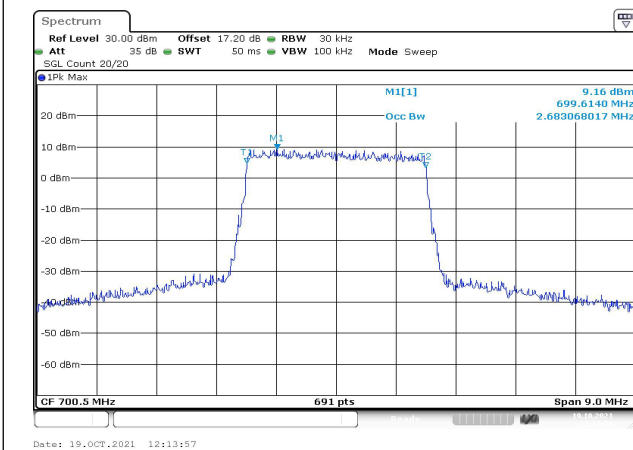


Fig.11

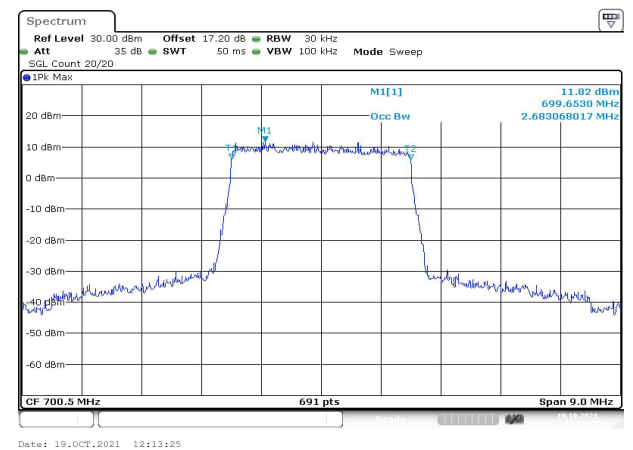


Fig.12

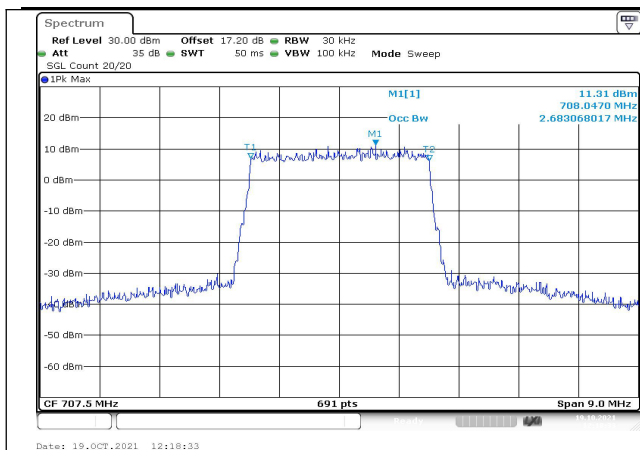


Fig.13

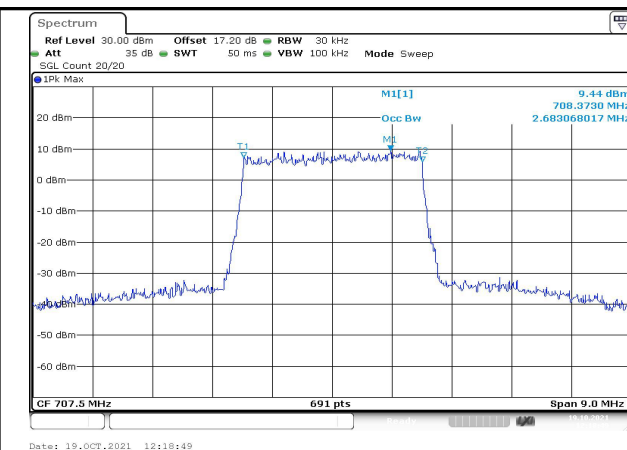


Fig.14

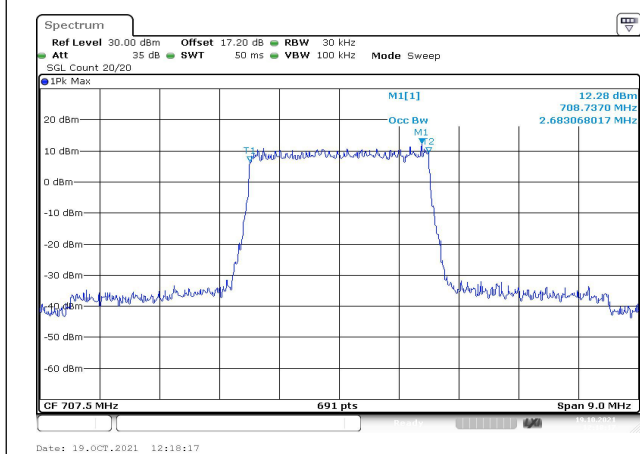


Fig.15

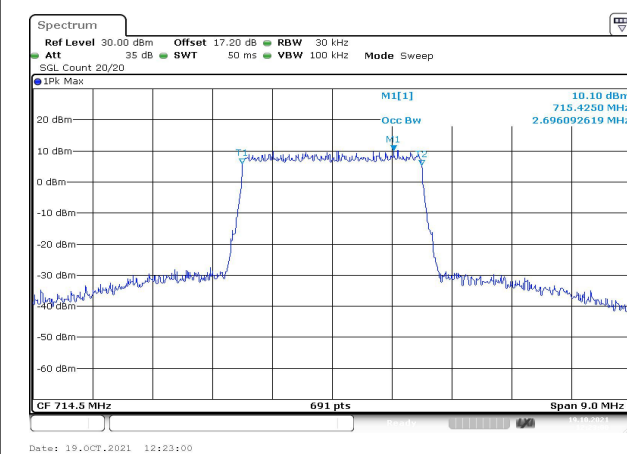


Fig.16

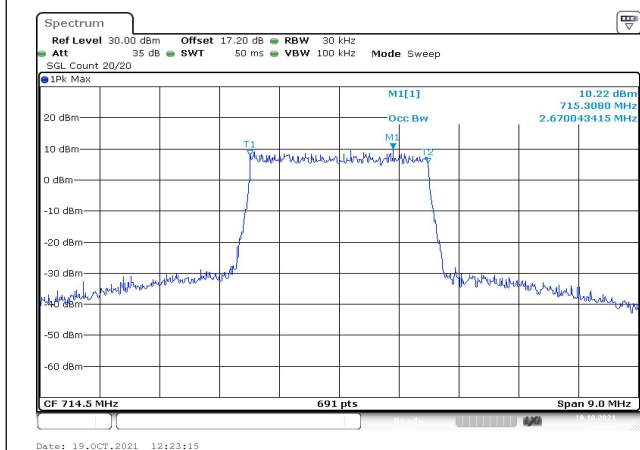


Fig.17

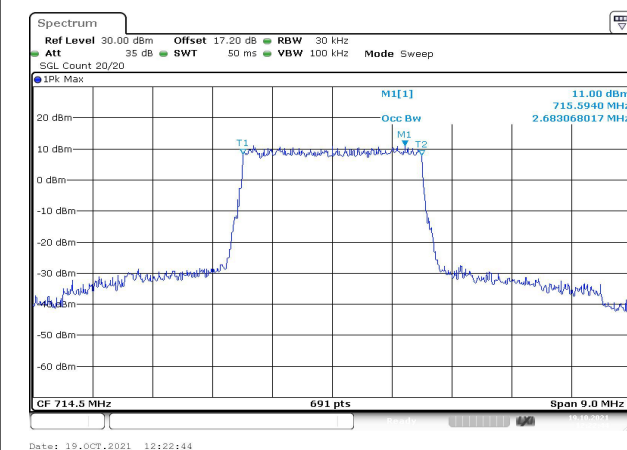


Fig.18

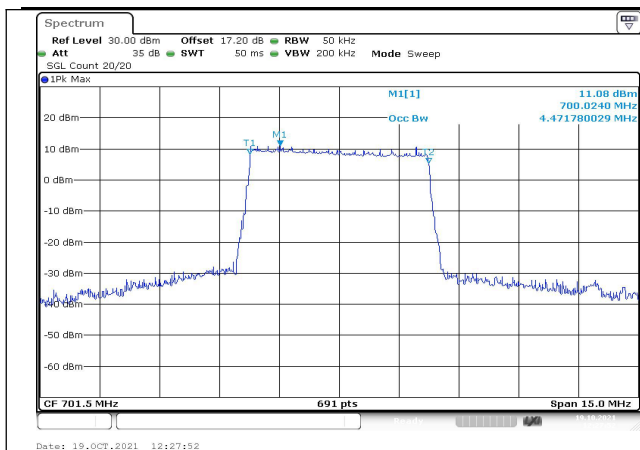


Fig.19

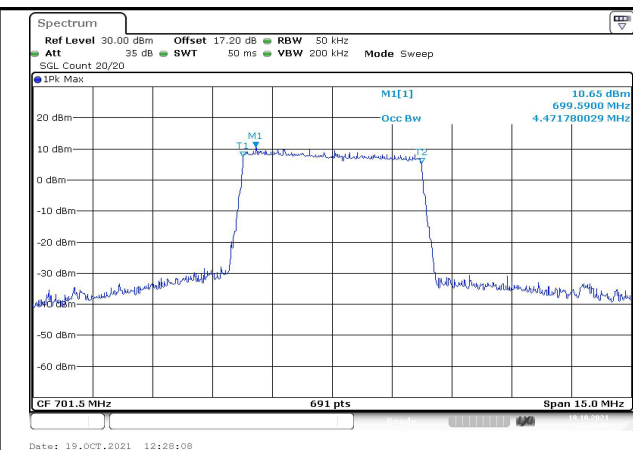


Fig.20

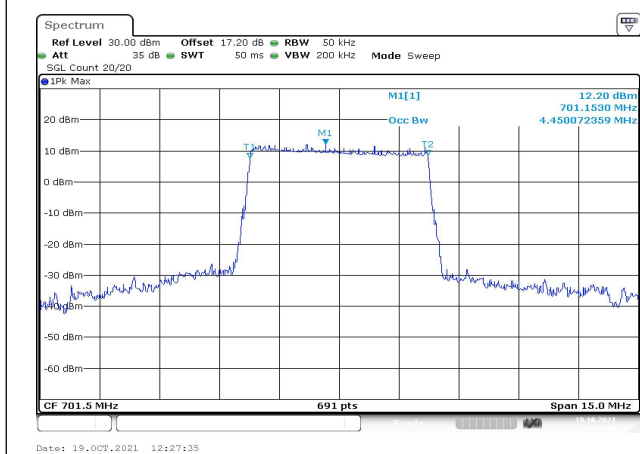


Fig.21

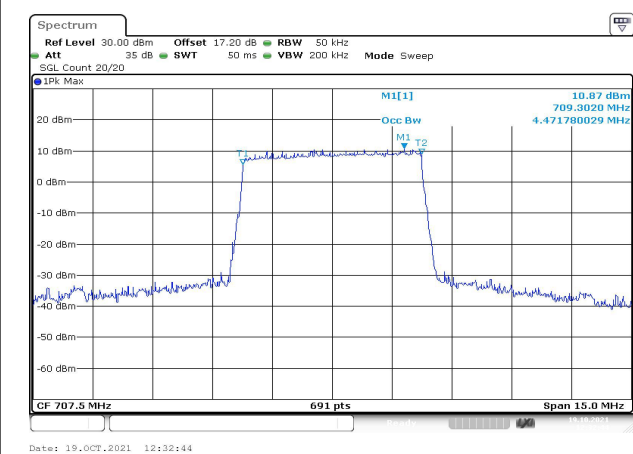


Fig.22

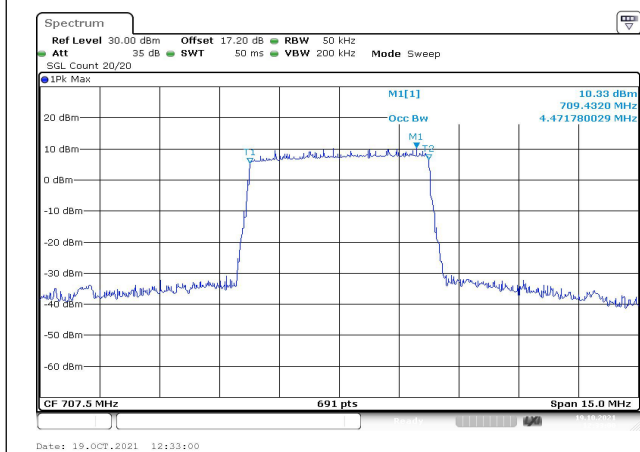


Fig.23

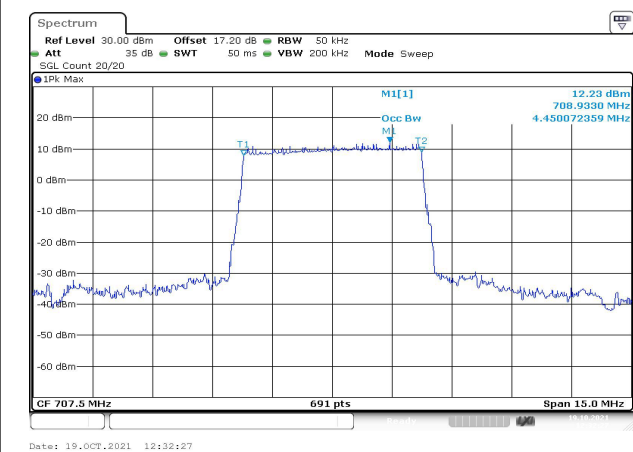


Fig.24