

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 17 1 RF Power Output

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	706.5	23755	5	1	0	22.70
				1	12	22.99
				1	24	22.95
				12	0	22.02
				12	7	22.13
				12	13	22.15
	25	0		22.08		
	710	23790		1	0	23.05
				1	12	23.10
				1	24	22.88
				12	0	22.02
				12	7	21.98
				12	13	21.94
	25	0		21.93		
	713.5	23825		1	0	22.99
				1	12	23.18
				1	24	22.84
				12	0	21.82
12				7	21.81	
12				13	21.77	
25	0	21.71				
16QAM	706.5	23755		1	0	21.68
				1	12	22.28
				1	24	22.05
				12	0	20.92
				12	7	21.23
				12	13	21.07
	25	0		21.13		
	710	23790		1	0	21.78
				1	12	21.97
				1	24	21.83
				12	0	20.80
				12	7	20.92
				12	13	20.76
	25	0		20.84		
	713.5	23825		1	0	21.48
				1	12	22.03
				1	24	21.33
				12	0	20.75
				12	7	20.42
				12	13	20.39
				25	0	20.70

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	706.5	23755	5	1	0	22.27
				1	12	22.39
				1	24	22.18
				12	0	20.99
				12	7	20.90
				12	13	20.96
				25	0	21.11
	710	23790		1	0	21.73
				1	12	22.67
				1	24	22.13
				12	0	20.95
				12	7	20.90
				12	13	20.91
				25	0	20.92
	713.5	23825		1	0	21.61
				1	12	22.40
				1	24	22.09
				12	0	20.85
				12	7	20.84
				12	13	20.77
				25	0	20.88

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	
QPSK	709	23780	10	1	0	23.10	
				1	25	23.36	
				1	49	22.89	
				25	0	22.08	
				25	12	22.00	
				25	25	21.94	
				50	0	21.94	
	710	23790		1	0	22.75	
				1	25	22.79	
				1	49	22.71	
				25	0	21.56	
				25	12	21.65	
				25	25	21.43	
				50	0	21.53	
	711	23800		1	0	23.04	
				1	25	22.96	
				1	49	22.69	
				25	0	21.68	
				25	12	21.65	
				25	25	21.49	
				50	0	21.58	
	16QAM	709		23780	1	0	22.55
					1	25	22.53
					1	49	22.50
25					0	21.04	
25					12	20.69	
25					25	20.77	
50					0	20.77	
710		23790		1	0	21.74	
				1	25	21.72	
			1	49	21.35		
			25	0	20.55		
			25	12	20.64		
			25	25	20.52		
			50	0	20.45		
711		23800	1	0	22.17		
			1	25	22.13		
			1	49	22.11		
			25	0	20.62		
			25	12	20.63		
			25	25	20.41		
			50	0	20.52		

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	709	23780	10	1	0	22.33
				1	25	21.85
				1	49	21.32
				25	0	20.81
				25	12	20.83
				25	25	20.78
				50	0	20.74
	710	23790		1	0	21.66
				1	25	21.77
				1	49	22.03
				25	0	20.79
				25	12	20.77
				25	25	20.64
				50	0	20.86
	711	23800		1	0	21.99
				1	25	21.73
				1	49	20.86
				25	0	20.71
				25	12	20.62
				25	25	20.64
				50	0	20.63

2 Occupied Bandwidth

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)					
						QPSK		16-QAM		64-QAM	
17	706.5	23755	5	25	0	4.472	Fig.1	4.472	Fig.2	4.472	Fig.3
	710	23790		25	0	4.472	Fig.4	4.472	Fig.5	4.493	Fig.6
	713.5	23825		25	0	4.472	Fig.7	4.472	Fig.8	4.472	Fig.9
	709	23780	10	50	0	8.944	Fig.10	8.944	Fig.11	8.944	Fig.12
	710	23790		50	0	8.944	Fig.13	8.944	Fig.14	8.900	Fig.15
	711	23800		50	0	8.944	Fig.16	8.944	Fig.17	8.944	Fig.18

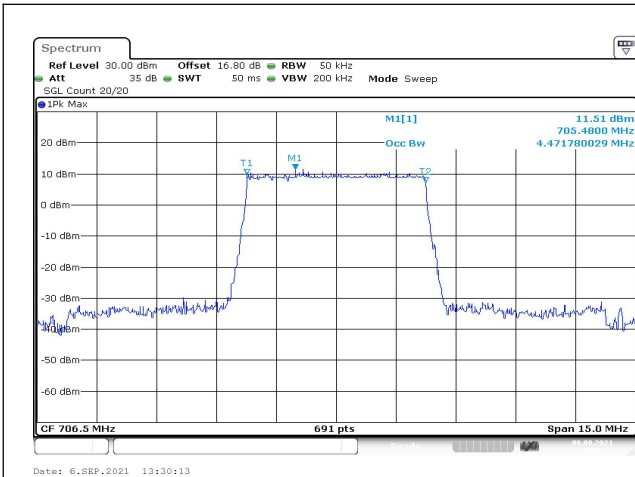


Fig.1

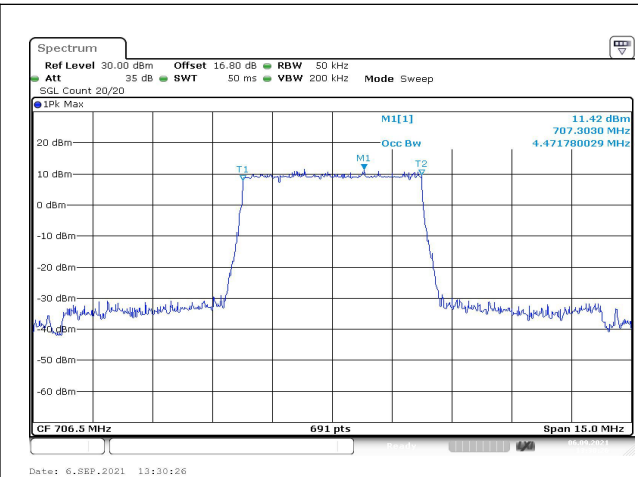


Fig.2

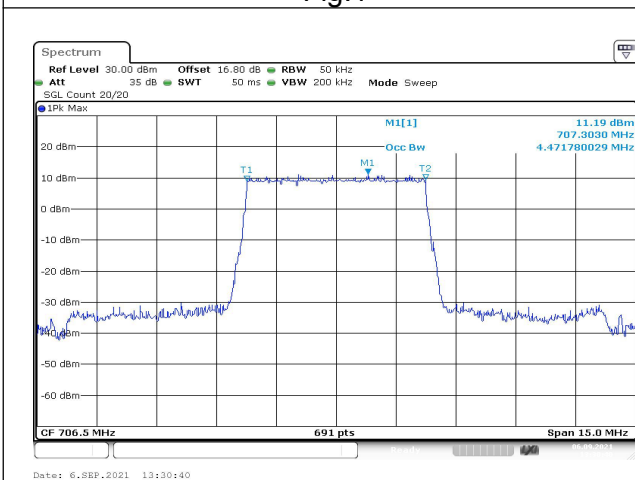


Fig.3

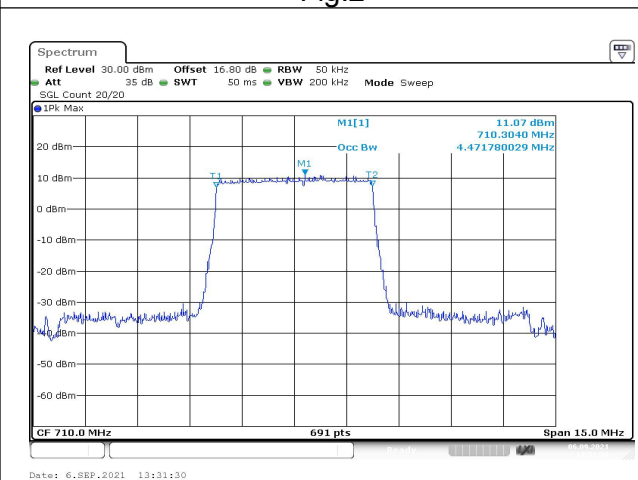


Fig.4

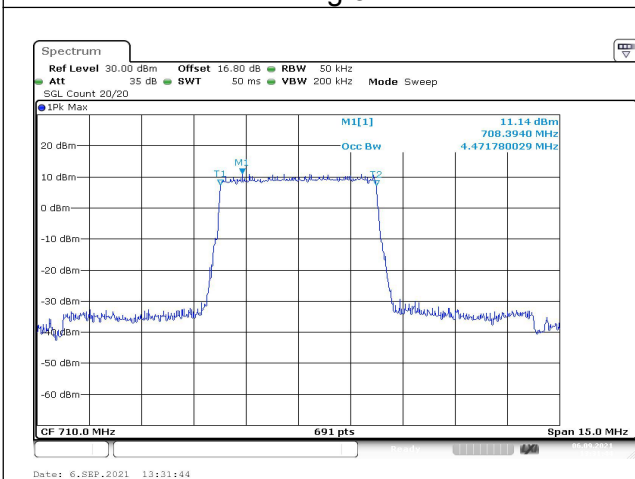


Fig.5

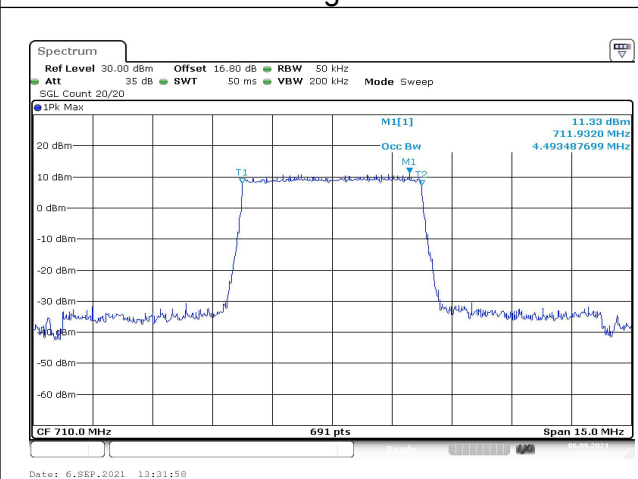
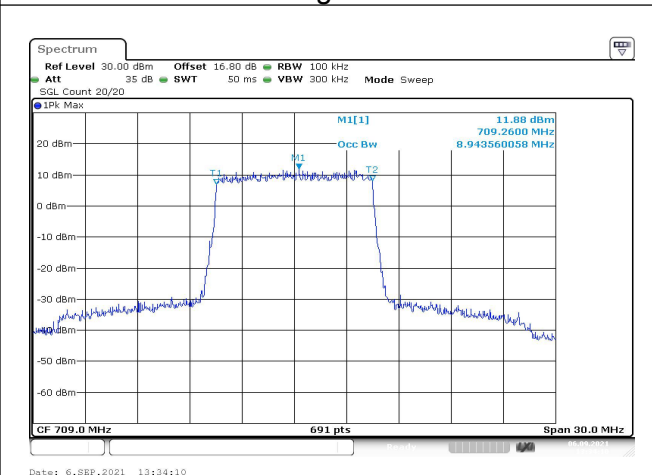
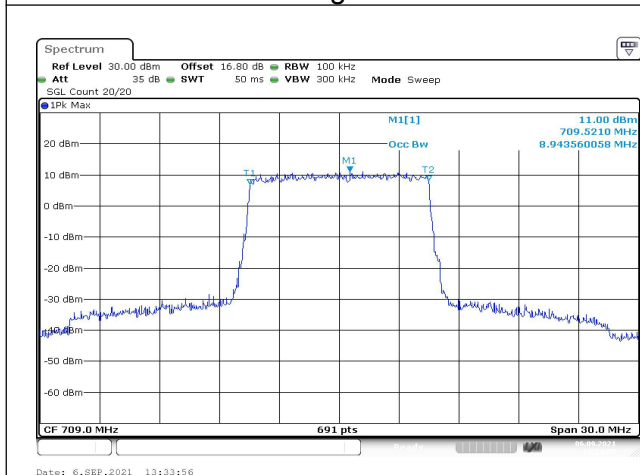
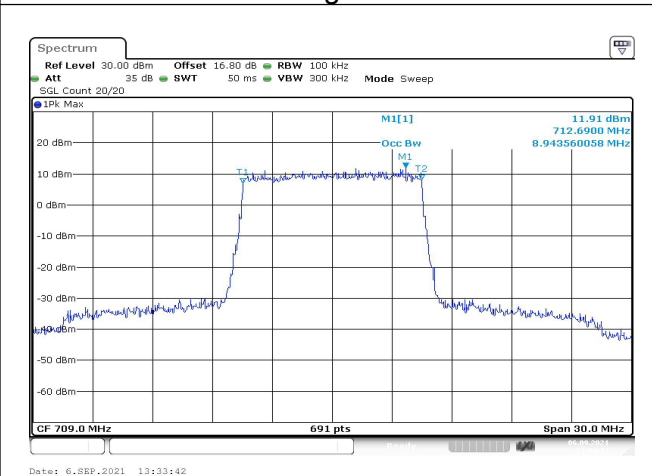
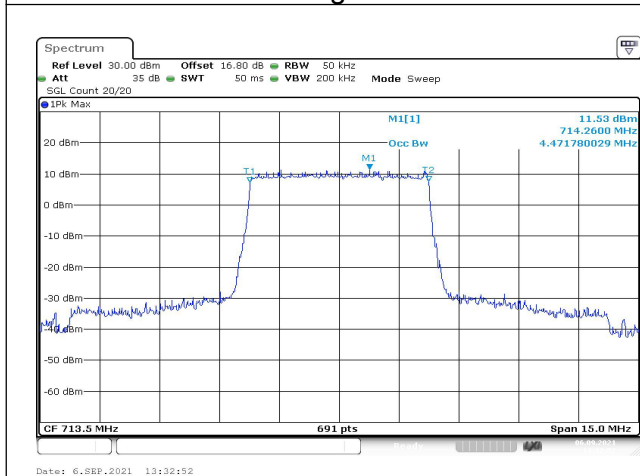
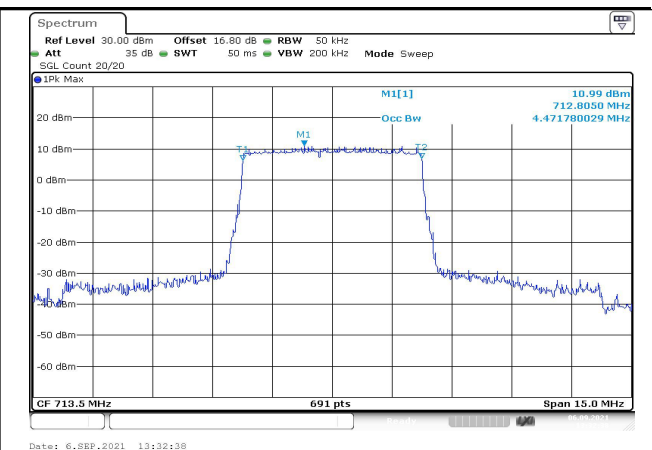
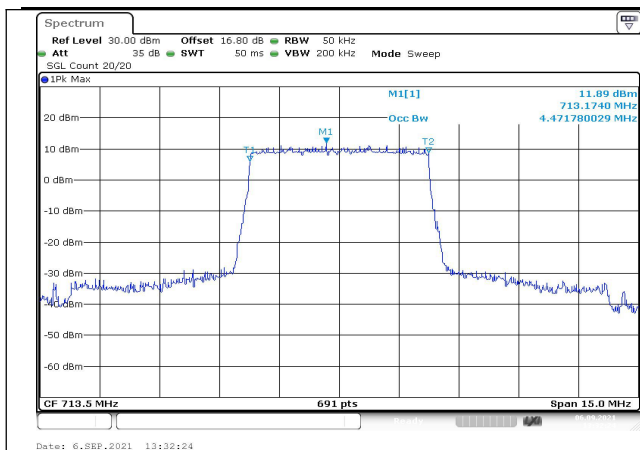
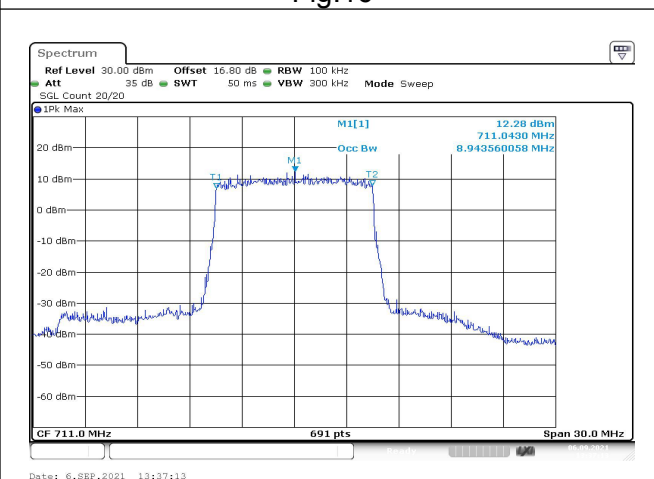
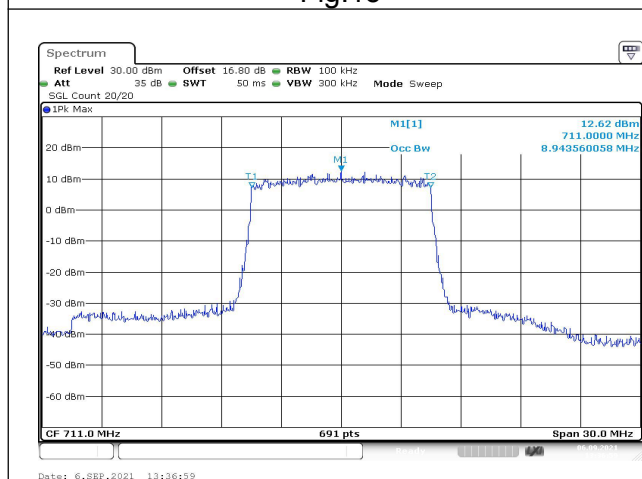
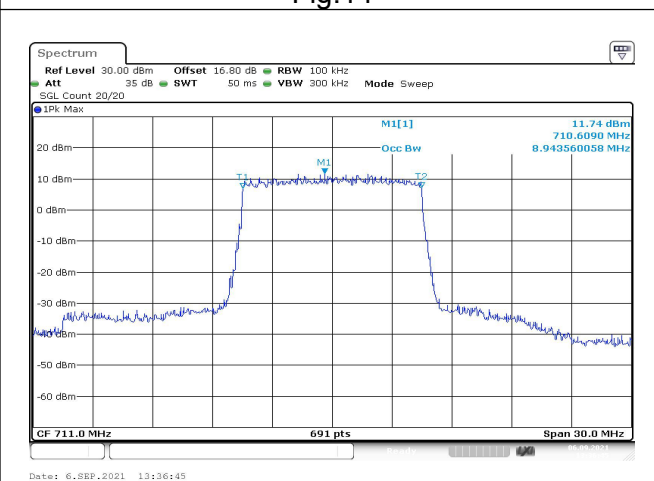
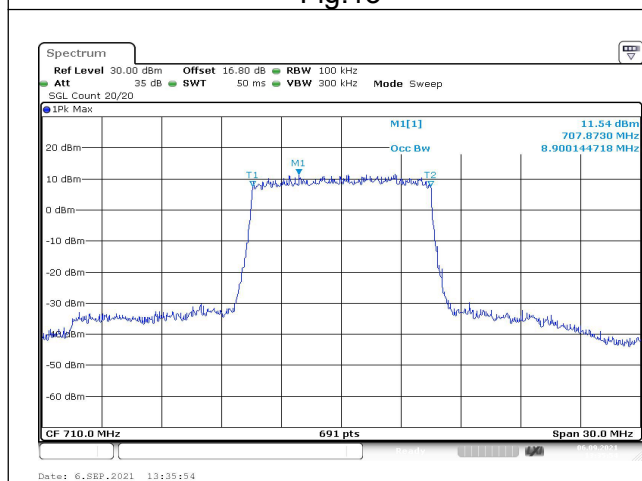
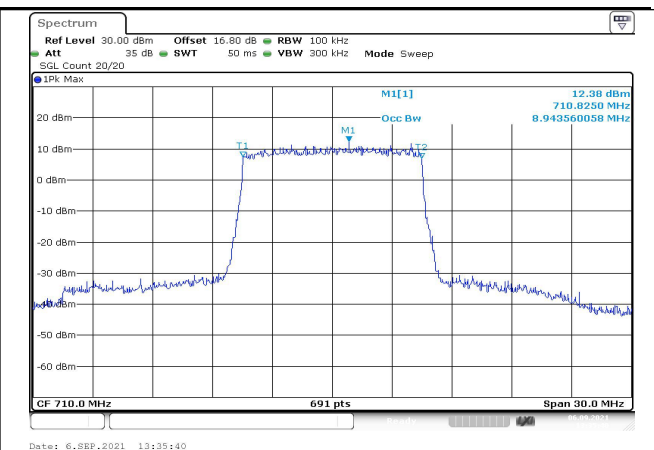
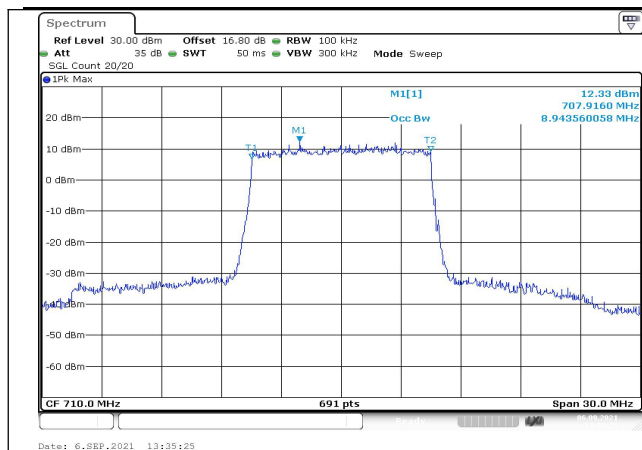


Fig.6





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	
17	706.5	23755	5	25	0	4.906	Fig.1	4.949	Fig.2	4.906	Fig.3
	710	23790		25	0	4.928	Fig.4	4.906	Fig.5	4.863	Fig.6
	713.5	23825		25	0	4.906	Fig.7	4.841	Fig.8	4.863	Fig.9
	709	23780	10	50	0	9.768	Fig.10	9.638	Fig.11	9.638	Fig.12
	710	23790		50	0	9.638	Fig.13	9.551	Fig.14	9.595	Fig.15
	711	23800		50	0	9.595	Fig.16	9.595	Fig.17	9.638	Fig.18

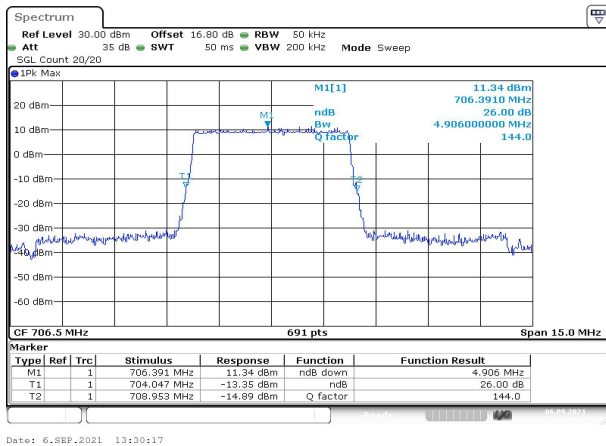


Fig.1

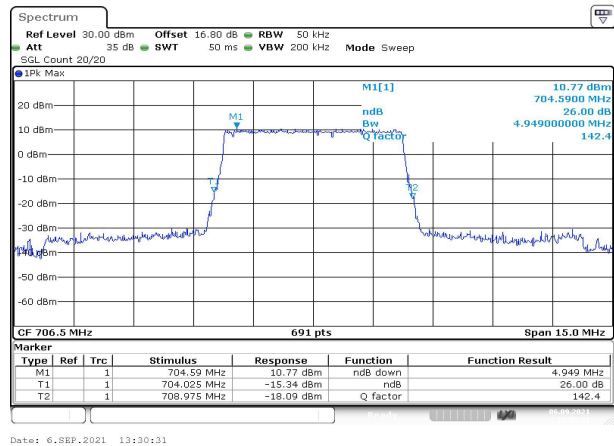


Fig.2

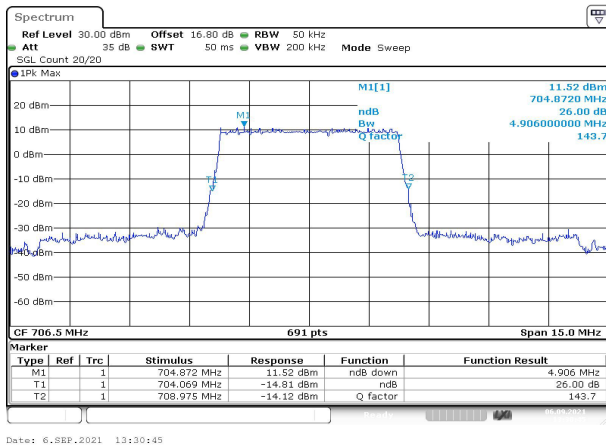


Fig.3

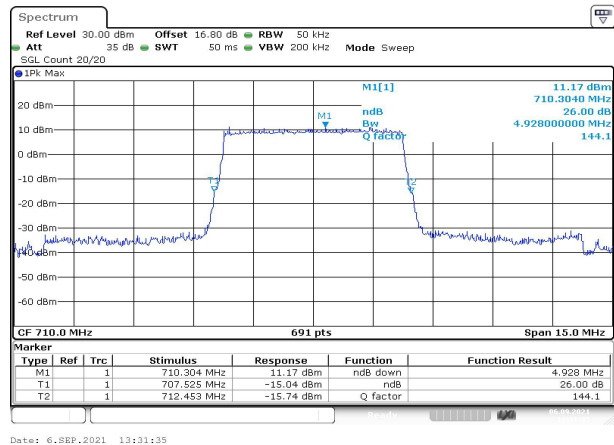


Fig.4

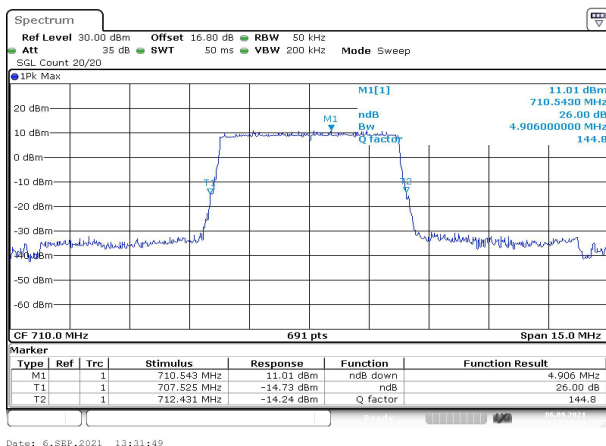


Fig.5

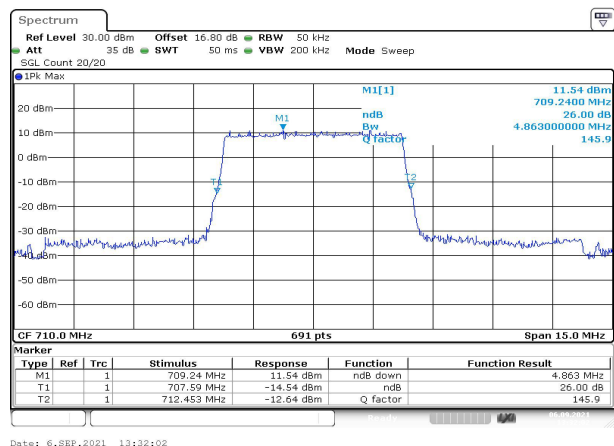


Fig.6