

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	23.42	
				1	12	23.46	
				1	24	23.51	
				12	0	22.40	
				12	7	22.47	
				12	13	22.54	
	25	0		21.54			
	710	23790		1	0	23.41	
				1	12	23.39	
				1	24	23.38	
				12	0	22.46	
				12	7	22.54	
				12	13	22.47	
	25	0		21.48			
	713.5	23825		1	0	23.41	
				1	12	23.38	
				1	24	23.44	
				12	0	22.49	
				12	7	22.47	
				12	13	22.47	
	25	0		21.37			
	16QAM	706.5		23755	1	0	22.57
					1	12	22.61
					1	24	22.44
12					0	21.54	
12					7	21.42	
12					13	21.53	
25		0		20.56			
710		23790		1	0	22.79	
				1	12	22.81	
			1	24	22.77		
			12	0	21.51		
			12	7	21.64		
			12	13	21.54		
25		0	20.46				
713.5		23825	1	0	22.56		
			1	12	22.58		
			1	24	22.61		
			12	0	21.45		
			12	7	21.46		
			12	13	21.42		
25		0	20.43				

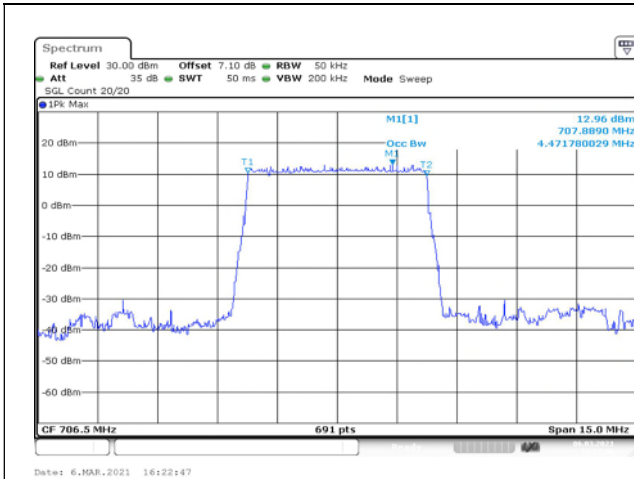
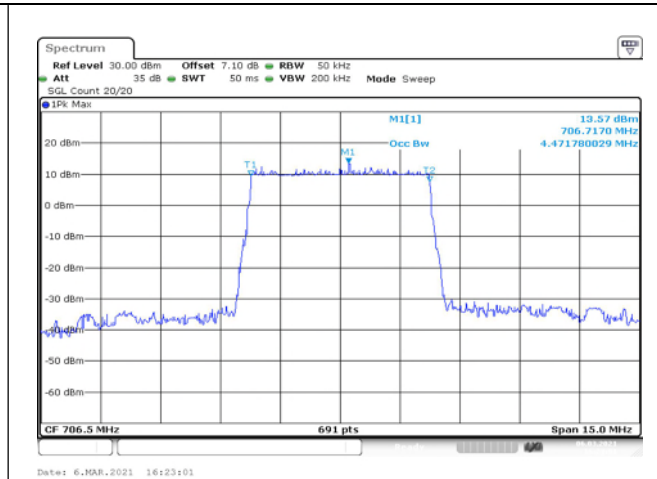
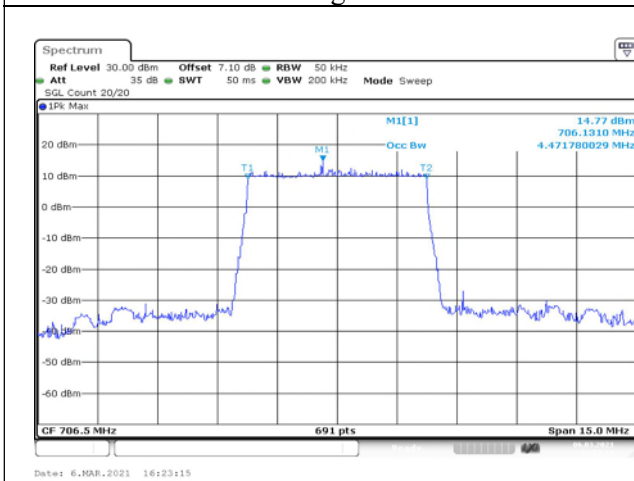
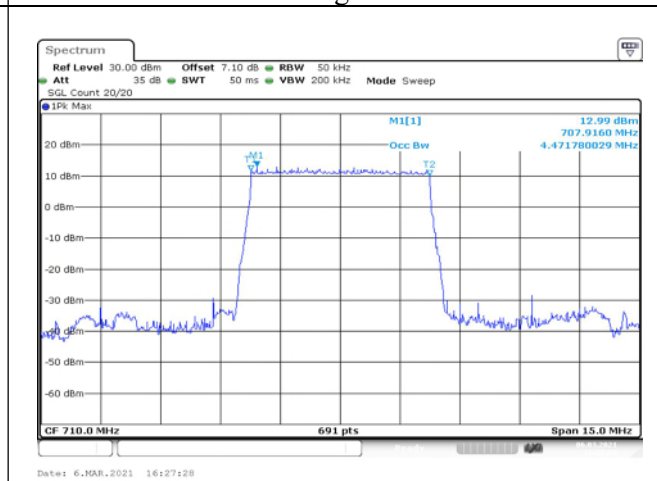
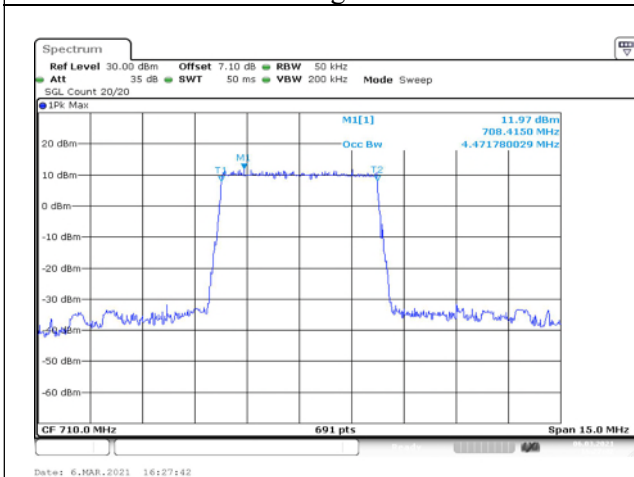
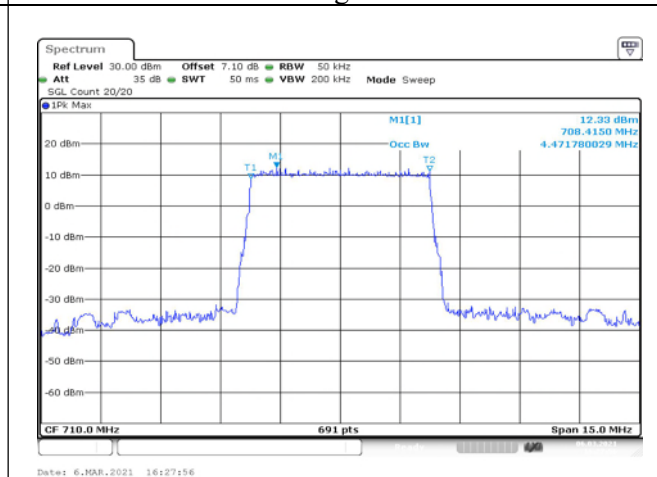
Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	706.5	23755	5	1	0	21.62
				1	12	21.58
				1	24	21.55
				12	0	20.62
				12	7	20.61
				12	13	20.61
				25	0	19.62
	710	23790		1	0	21.47
				1	12	21.47
				1	24	21.42
				12	0	20.47
				12	7	20.44
				12	13	20.51
				25	0	19.47
	713.5	23825		1	0	21.45
				1	12	21.49
				1	24	21.48
				12	0	20.41
				12	7	20.45
				12	13	20.44
				25	0	19.30

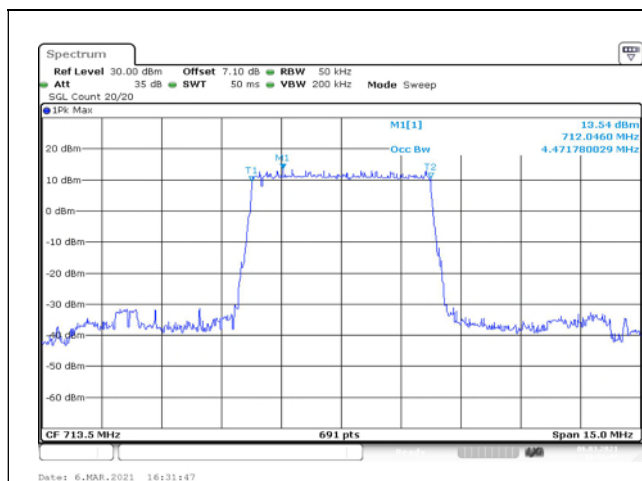
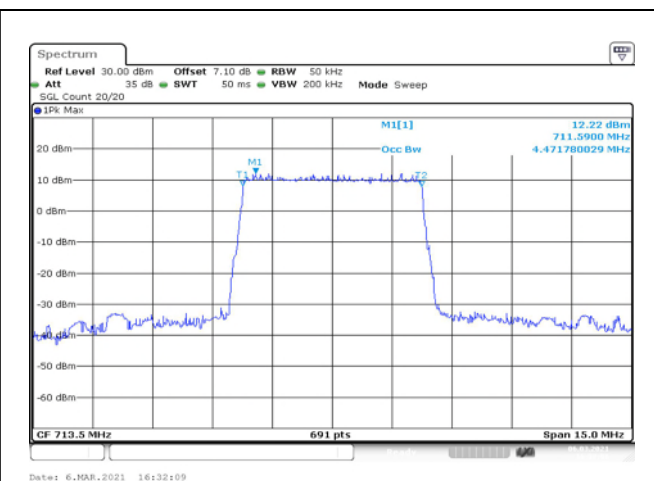
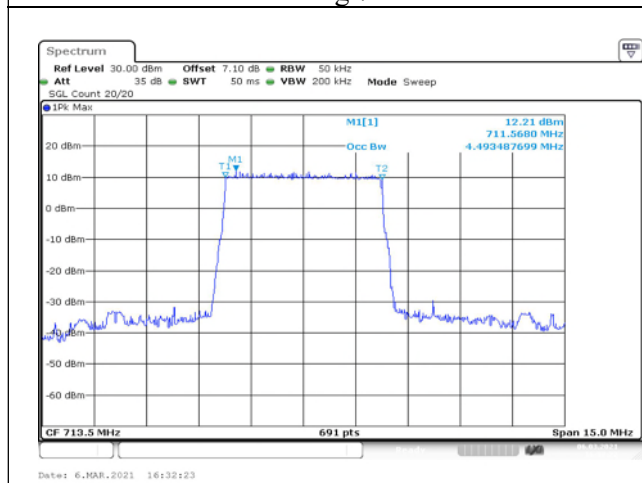
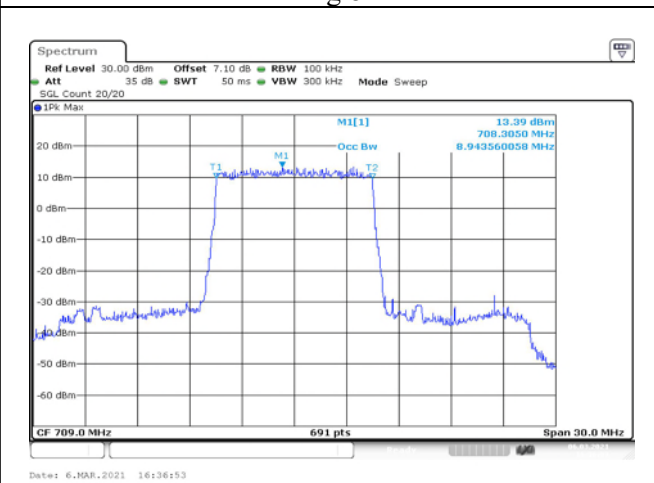
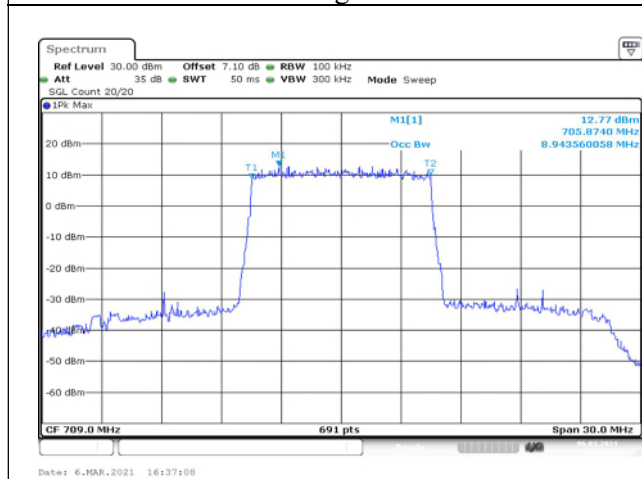
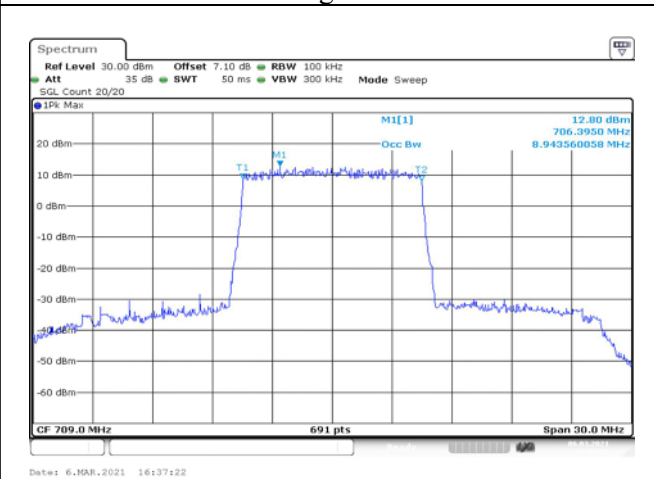
Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	
QPSK	709	23780	10	1	0	23.58	
				1	25	23.48	
				1	49	23.33	
				25	0	22.49	
				25	12	22.54	
				25	25	22.54	
				50	0	21.60	
	710	23790		1	0	23.45	
				1	25	23.48	
				1	49	23.41	
				25	0	22.50	
				25	12	22.57	
				25	25	22.61	
				50	0	21.50	
	711	23800		1	0	23.54	
				1	25	23.45	
				1	49	23.53	
				25	0	22.45	
				25	12	22.50	
				25	25	22.55	
				50	0	21.49	
	16QAM	709		23780	1	0	23.30
					1	25	23.11
					1	49	22.97
25					0	21.54	
25					12	21.68	
25					25	21.72	
50					0	20.54	
710		23790		1	0	22.64	
				1	25	22.60	
			1	49	22.60		
			25	0	21.52		
			25	12	21.59		
			25	25	21.59		
			50	0	20.46		
711		23800	1	0	22.58		
			1	25	22.53		
			1	49	22.57		
			25	0	21.59		
			25	12	21.71		
			25	25	21.67		
			50	0	20.54		

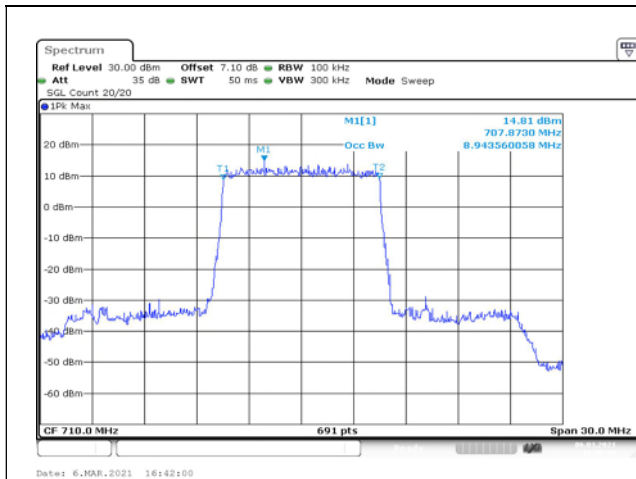
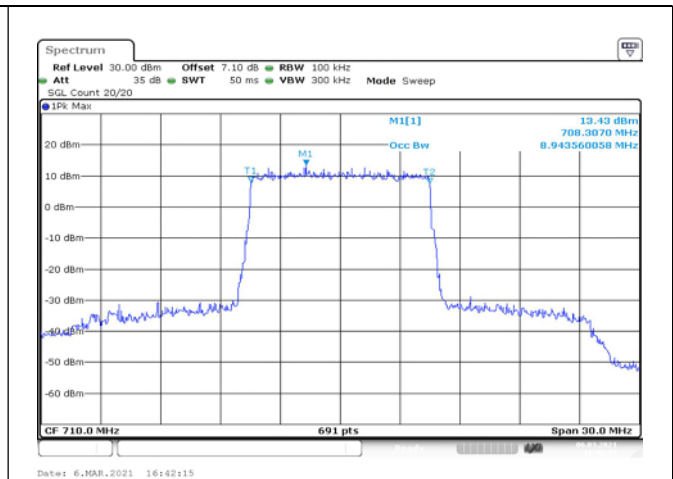
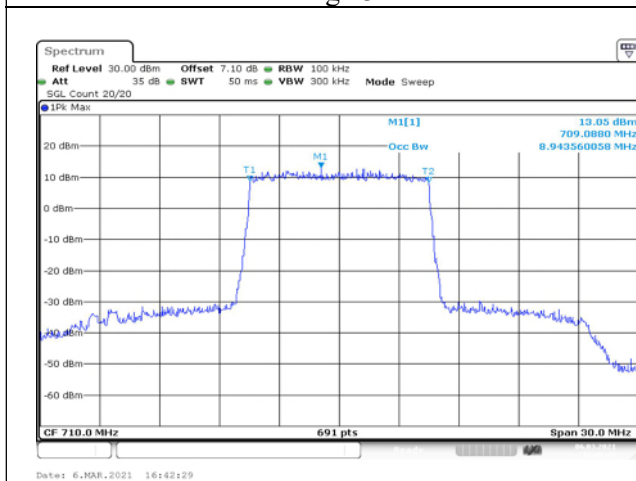
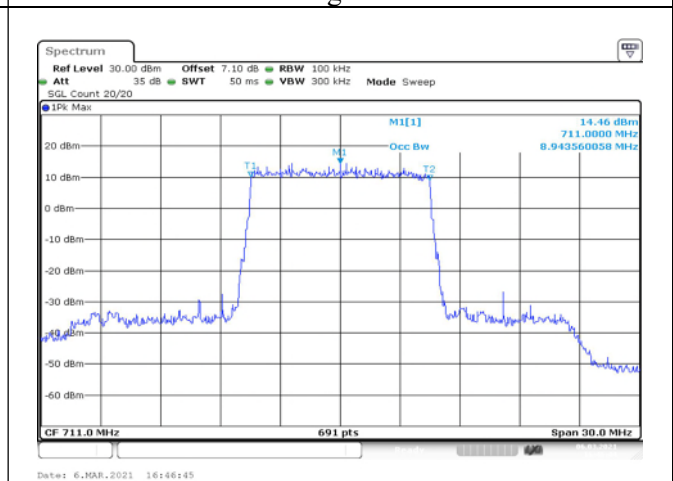
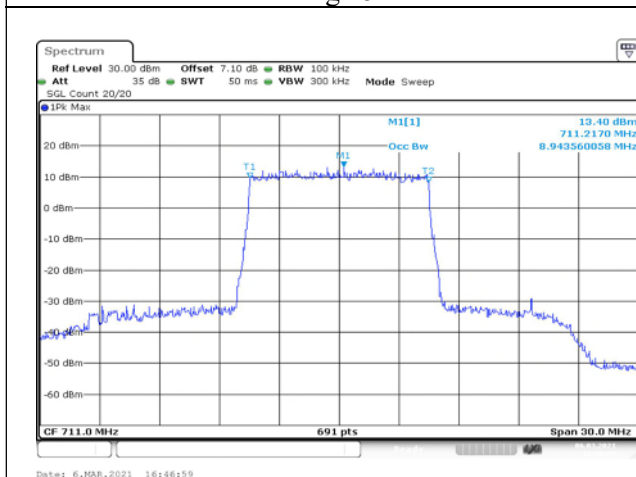
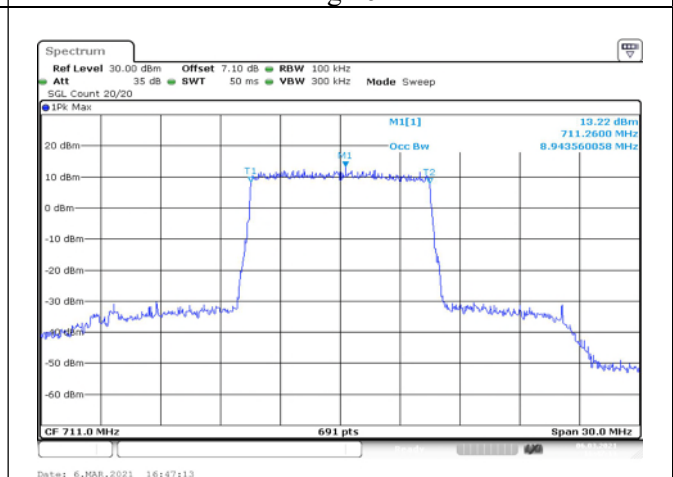
Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	709	23780	10	1	0	21.64
				1	25	21.59
				1	49	21.58
				25	0	20.58
				25	12	20.59
				25	25	20.59
	710	23790		50	0	19.59
				1	0	21.50
				1	25	21.49
				1	49	21.56
				25	0	20.49
				25	12	20.56
	711	23800		25	25	20.49
				50	0	19.48
				1	0	21.54
				1	25	21.56
				1	49	21.49
				25	0	20.47
				25	12	20.49
				25	25	20.48
				50	0	19.48

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	4.472	Fig.6
	713.5	23825		25	0	4.472	Fig.7	4.472	Fig.8	4.493	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	8.944	Fig.15
	711	23800		50	0	8.944	Fig.16	8.944	Fig.17	8.944	Fig.18







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	4.841	Fig.1	4.884	Fig.2	4.819	Fig.3
	710	23790		25	0	4.841	Fig.4	4.884	Fig.5	4.884	Fig.6
	713.5	23825		25	0	4.884	Fig.7	4.863	Fig.8	4.863	Fig.9
	709	23780	10	50	0	9.595	Fig.10	9.682	Fig.11	9.638	Fig.12
	710	23790		50	0	9.595	Fig.13	9.465	Fig.14	9.551	Fig.15
	711	23800		50	0	9.638	Fig.16	9.595	Fig.17	9.551	Fig.18

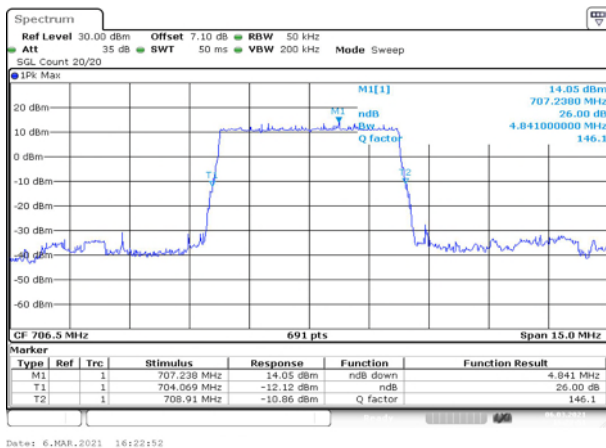


Fig.1

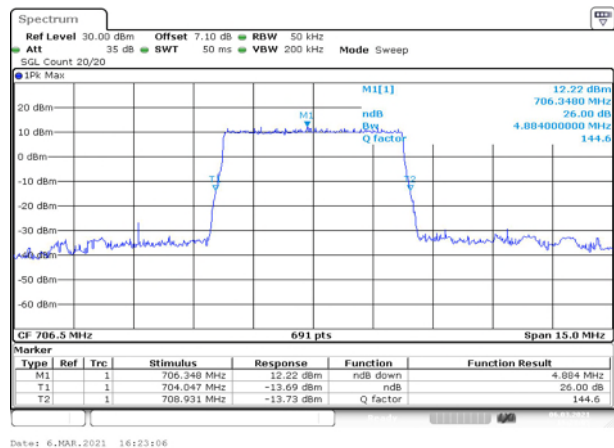


Fig.2

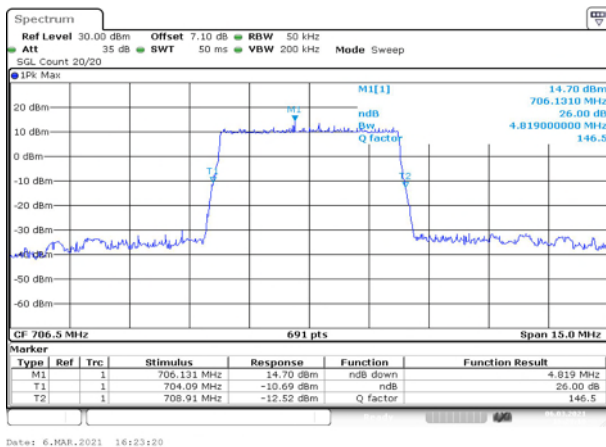


Fig.3

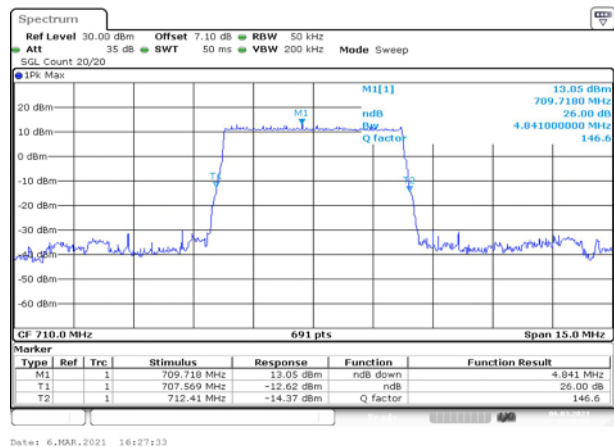


Fig.4

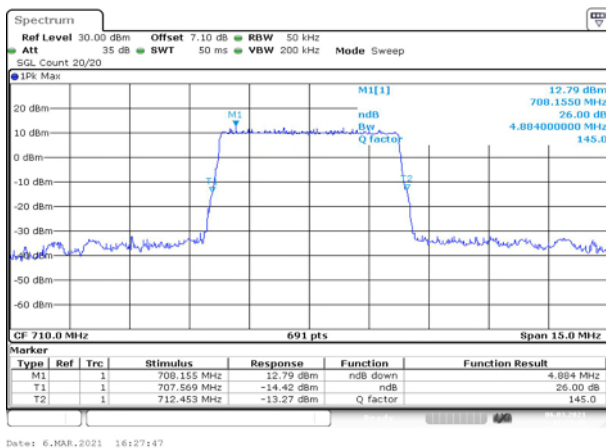


Fig.5

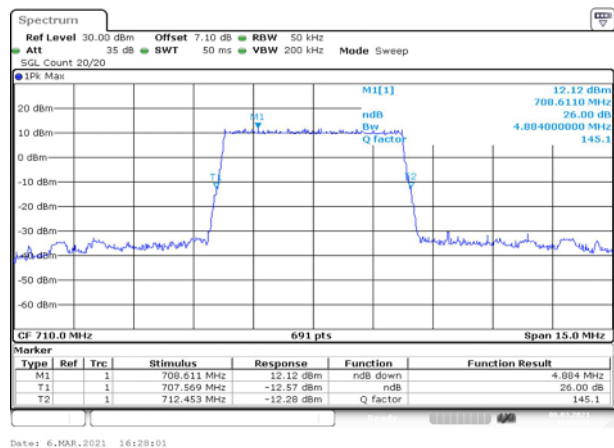


Fig.6

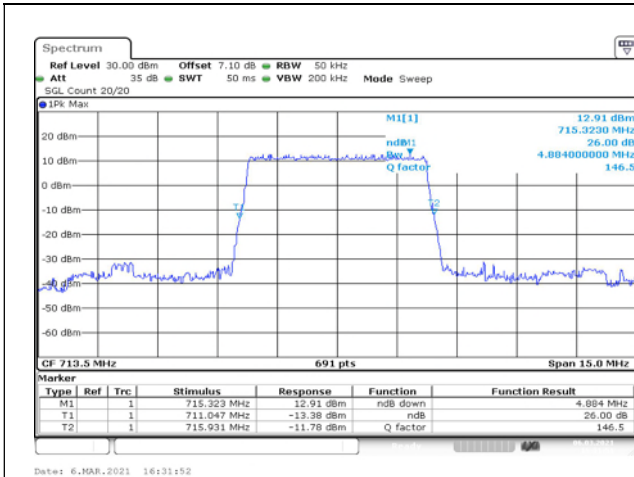


Fig.7

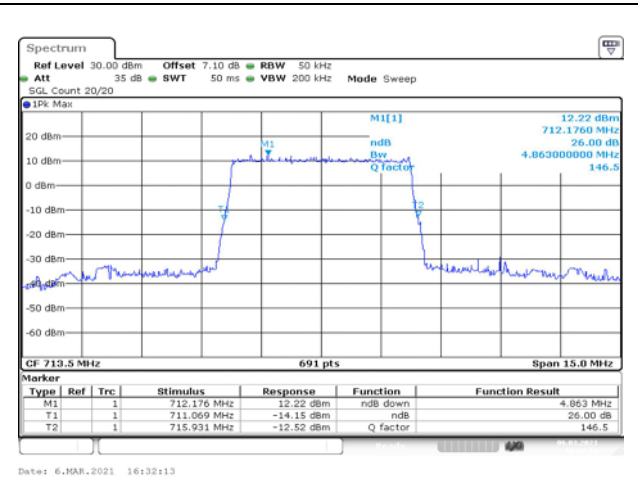


Fig.8

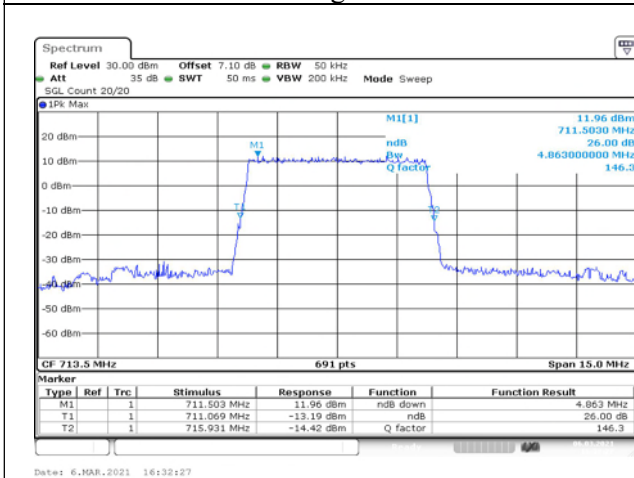


Fig.9

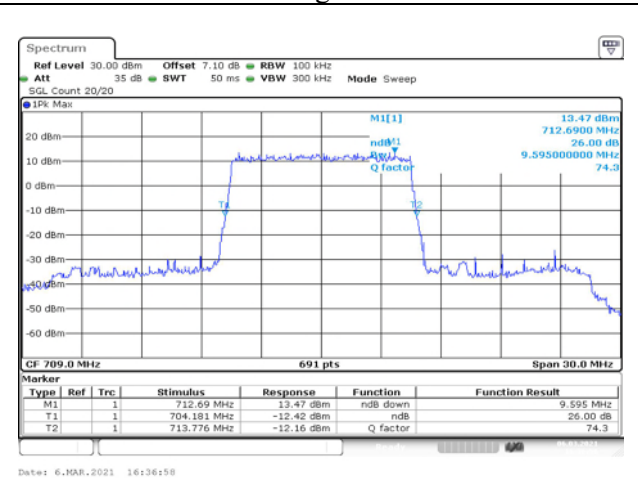


Fig.10

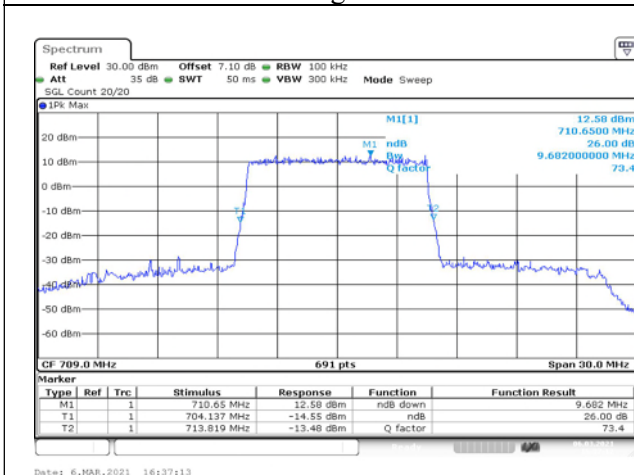


Fig.11

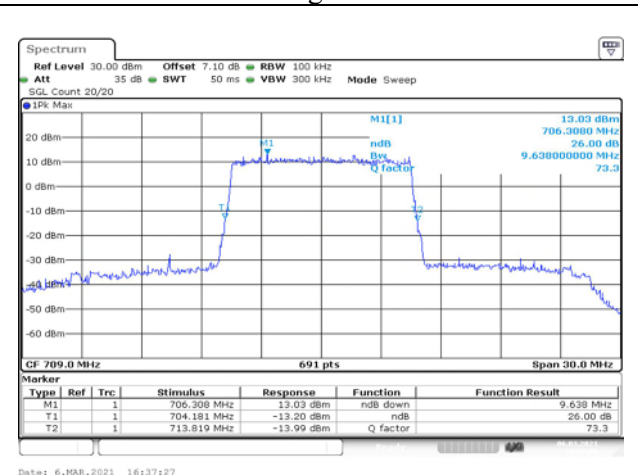


Fig.12

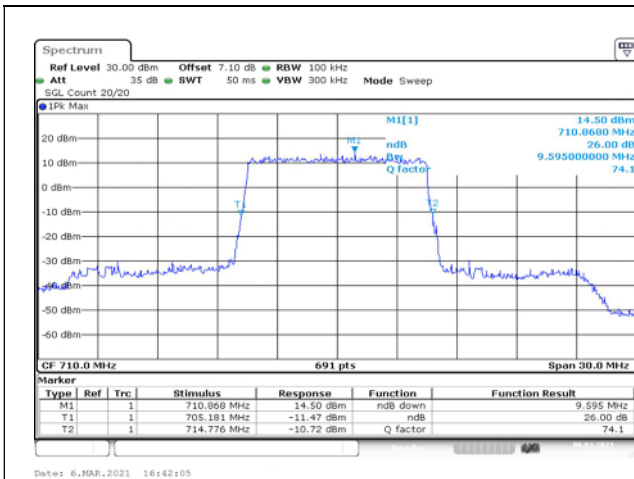


Fig.13

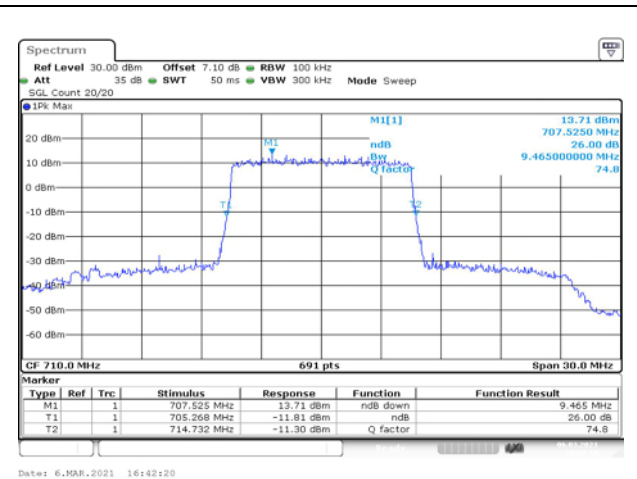


Fig.14

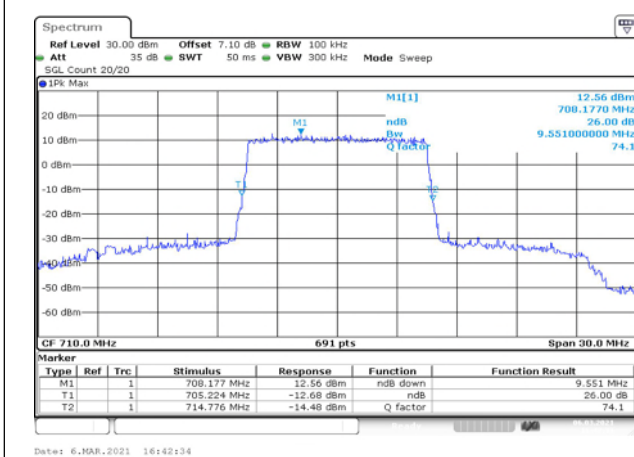


Fig.15

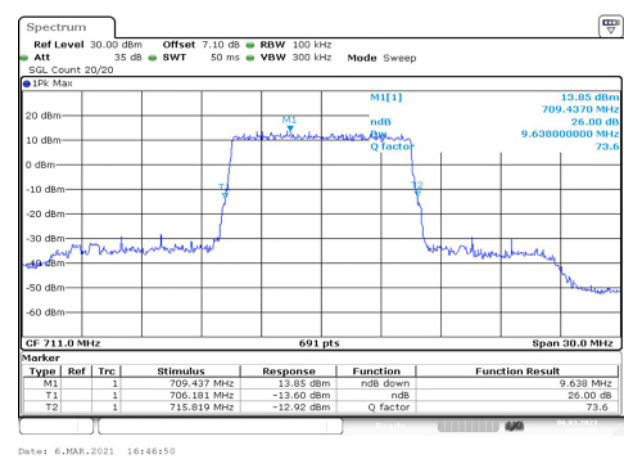


Fig.16

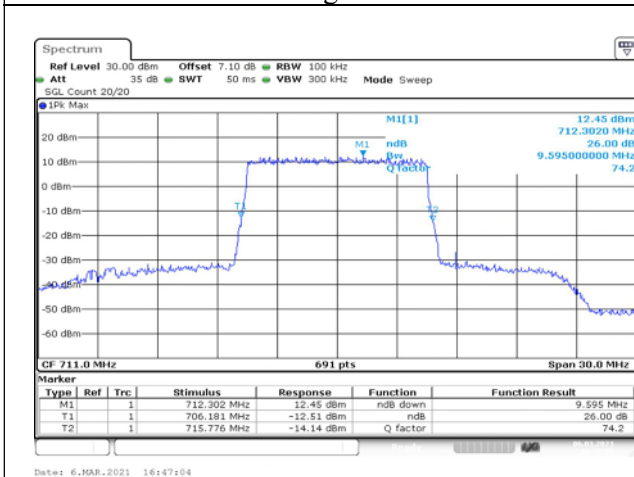


Fig.17

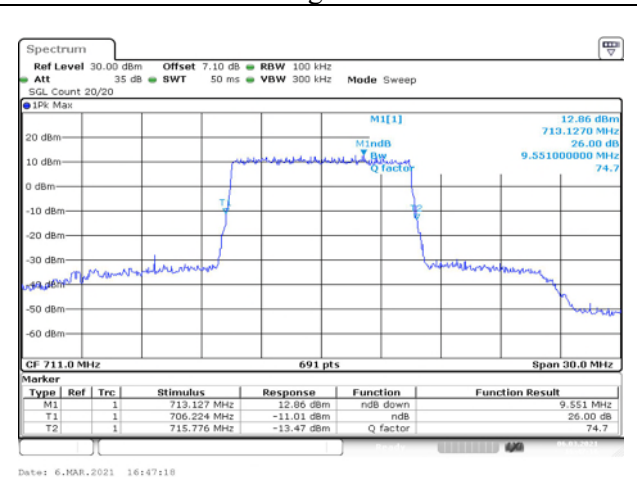


Fig.18

4 Peak-Average Ratio

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	QPSK	16-QAM	64-QAM
17	706.5	23755	5	1	24	Fig.1	Fig.2	Fig.3
	706.5	23755		25	0	Fig.4	Fig.5	Fig.6
	710	23790		1	24	Fig.7	Fig.8	Fig.9
	710	23790		25	0	Fig.10	Fig.11	Fig.12
	713.5	23825		1	24	Fig.13	Fig.14	Fig.15
	713.5	23825		25	0	Fig.16	Fig.17	Fig.18
	709	23780	10	1	49	Fig.19	Fig.20	Fig.21
	709	23780		50	0	Fig.22	Fig.23	Fig.24
	710	23790		1	49	Fig.25	Fig.26	Fig.27
	710	23790		50	0	Fig.28	Fig.29	Fig.30
	711	23800		1	49	Fig.31	Fig.32	Fig.33
	711	23800		50	0	Fig.34	Fig.35	Fig.36

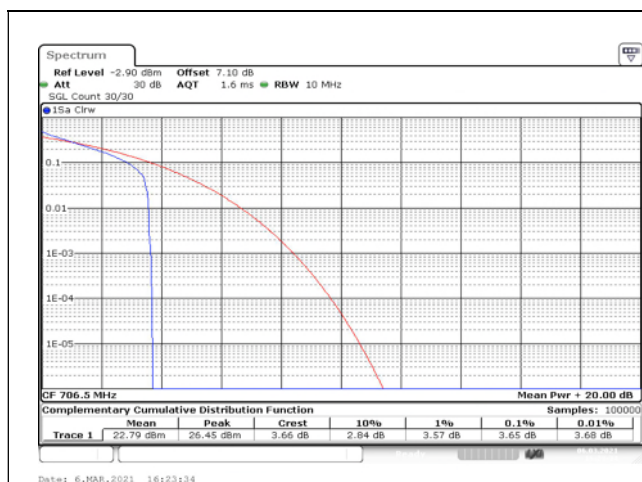


Fig.1

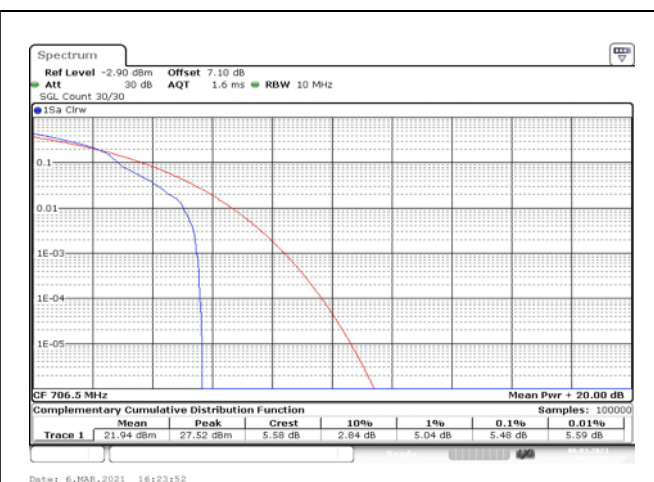


Fig.2

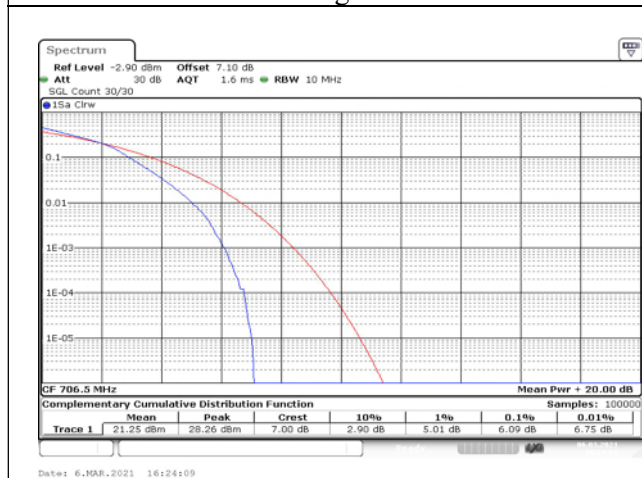


Fig.3

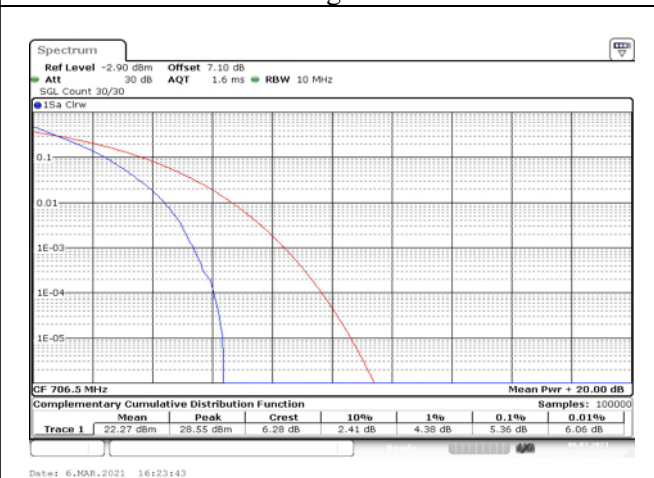


Fig.4

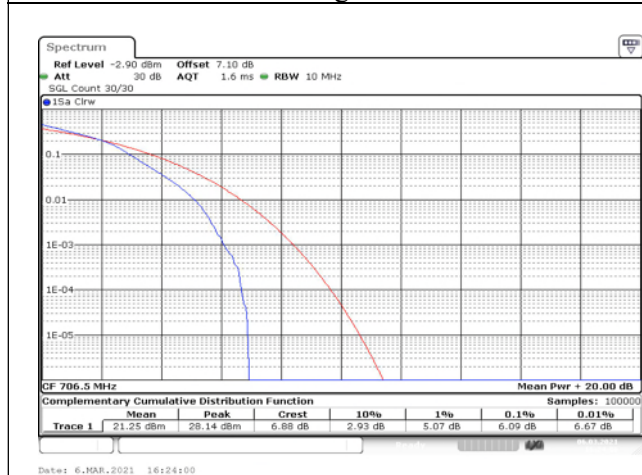


Fig.5

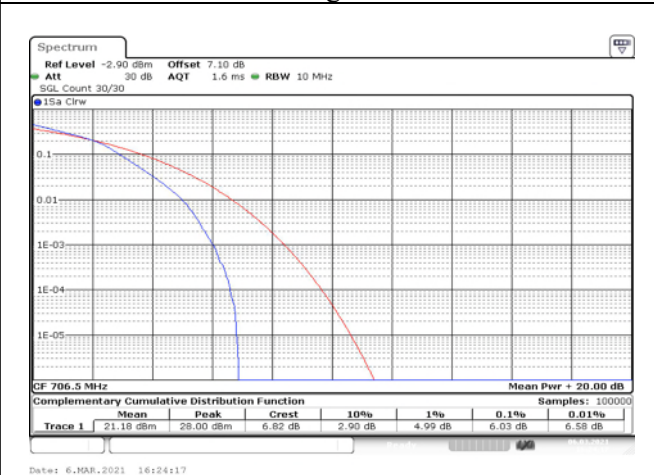


Fig.6

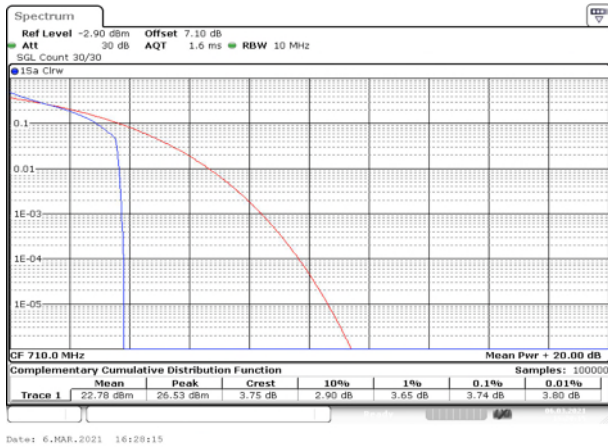


Fig.7

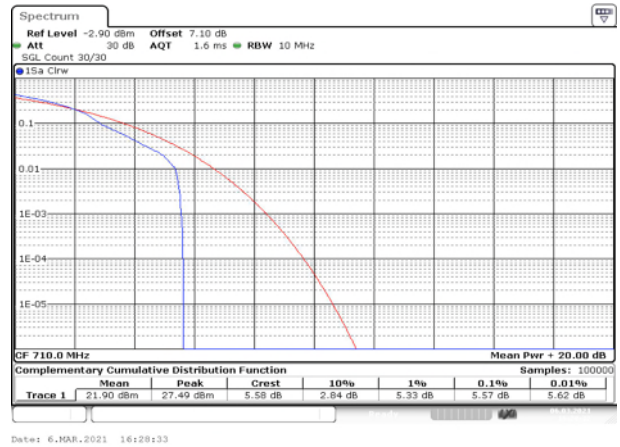


Fig.8

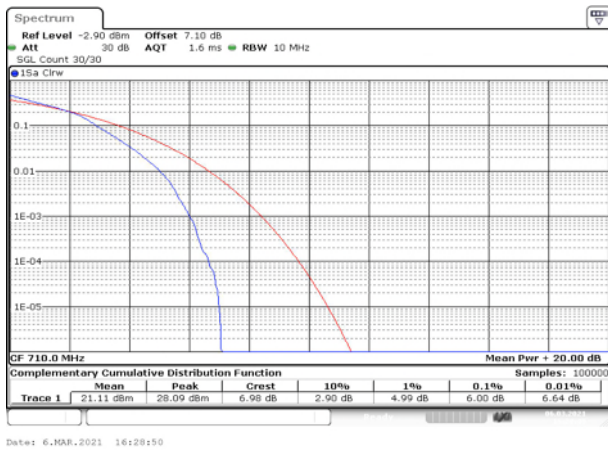


Fig.9

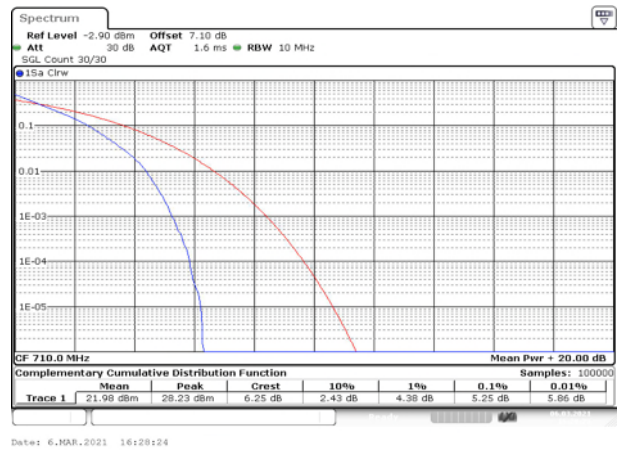


Fig.10

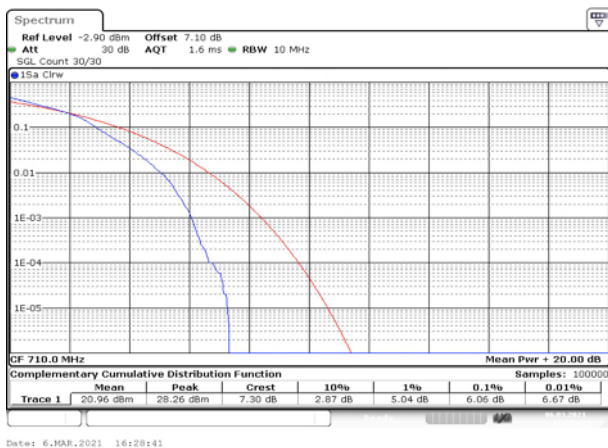


Fig.11

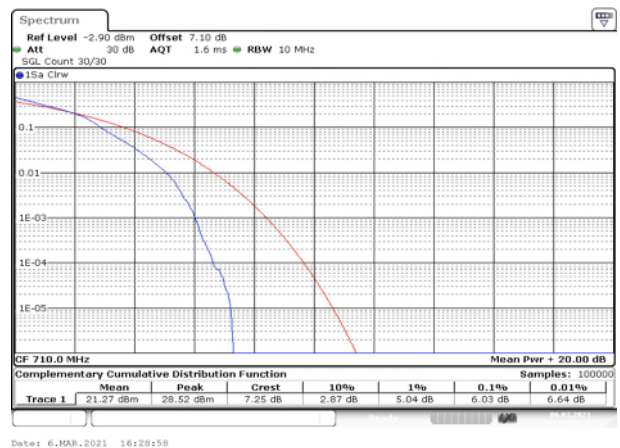


Fig.12