

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 13

1 RF Power Output

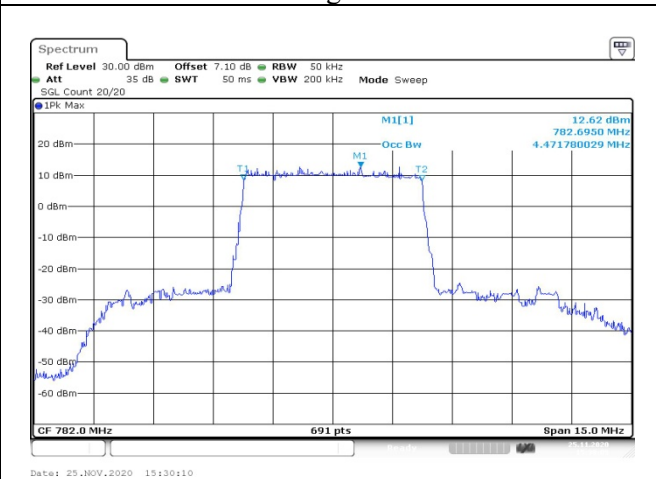
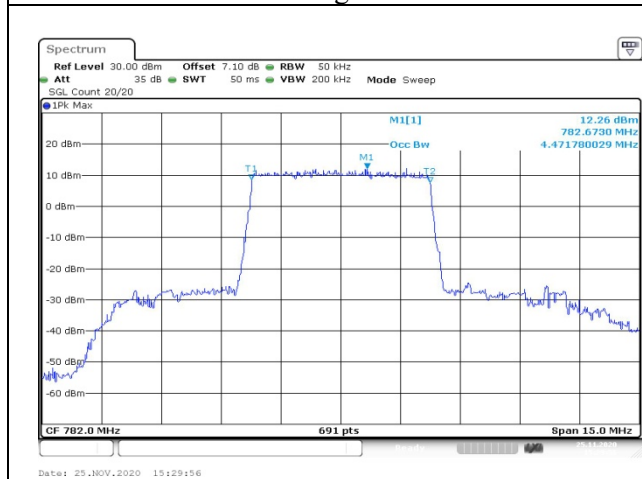
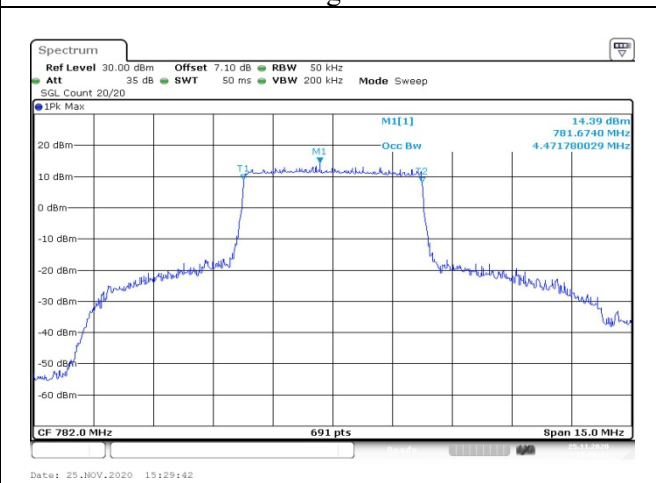
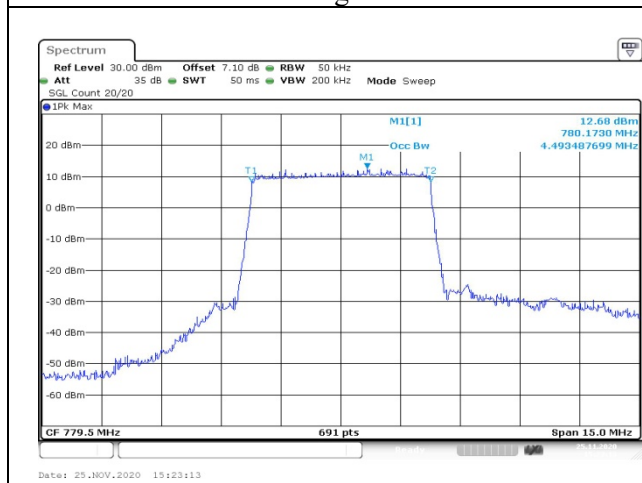
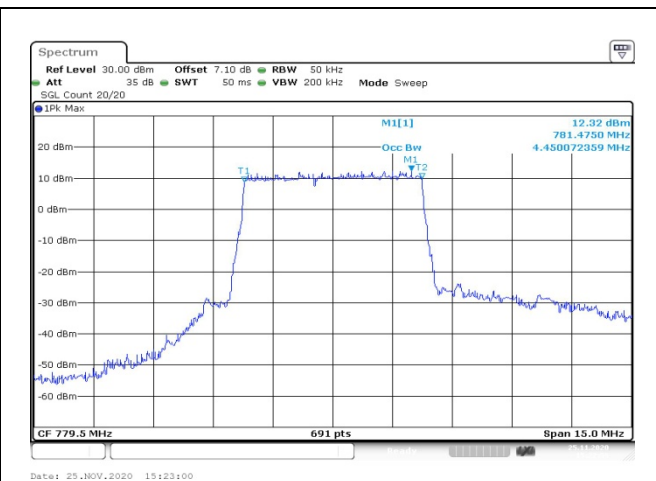
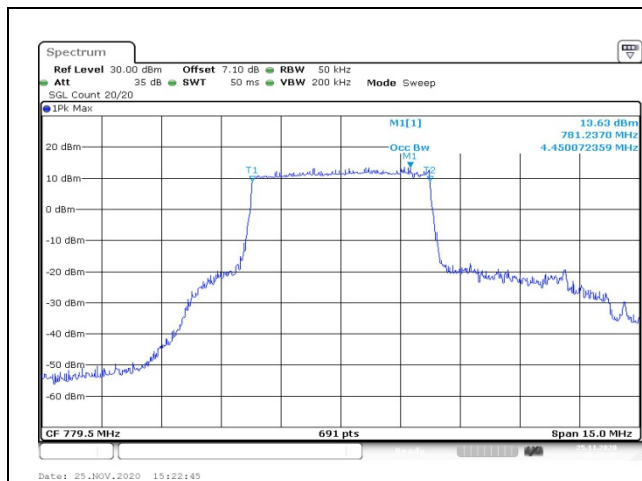
RF Power Output							
Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	
QPSK	779.5	23205	5	1	0	23.19	
				1	12	23.23	
				1	24	23.21	
				12	0	22.42	
				12	7	22.48	
				12	13	22.43	
				25	0	22.40	
	782	23230		1	0	23.29	
				1	12	23.28	
				1	24	23.17	
				12	0	22.33	
				12	7	22.32	
				12	13	22.32	
				25	0	22.33	
	784.5	23255		1	0	23.25	
				1	12	23.21	
				1	24	23.23	
				12	0	22.42	
				12	7	22.34	
				12	13	22.34	
				25	0	22.41	
	16QAM	779.5		23205	1	0	22.38
					1	12	22.55
					1	24	22.44
12			0		21.39		
12			7		21.42		
12			13		21.42		
25			0		21.43		
782		23230	1	0	22.15		
			1	12	22.28		
			1	24	22.49		
			12	0	21.37		
			12	7	21.32		
			12	13	21.38		
			25	0	21.45		
784.5		23255	1	0	22.25		
			1	12	22.39		
			1	24	22.41		
			12	0	21.43		
			12	7	21.34		
			12	13	21.34		
25	0	21.50					

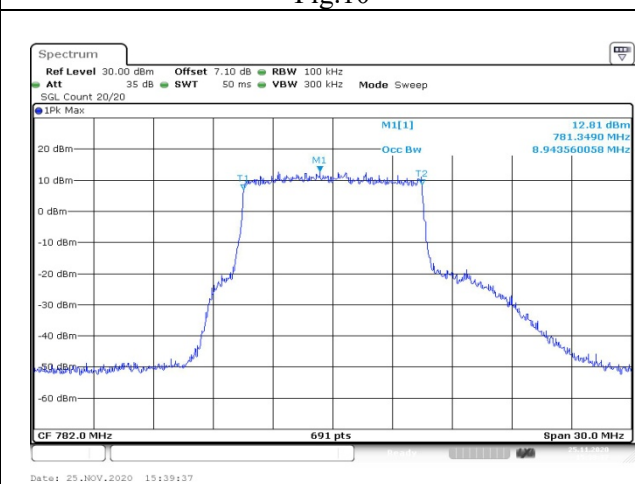
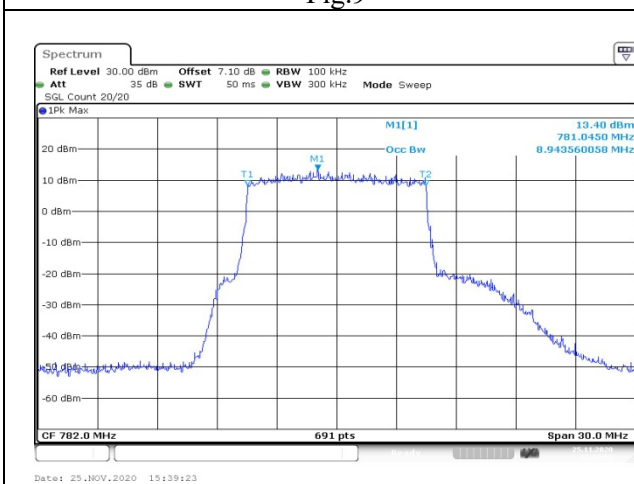
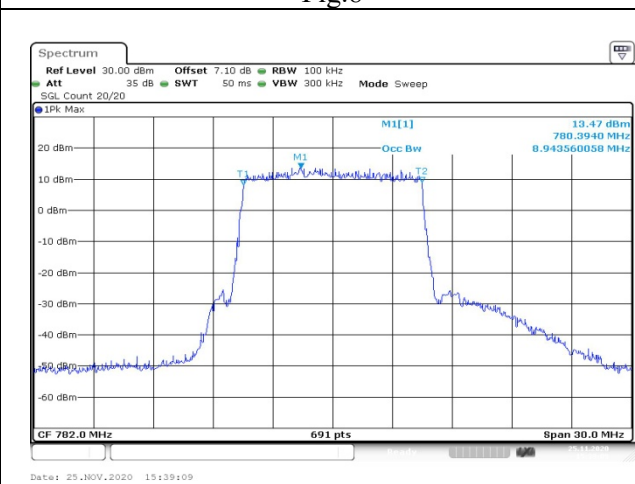
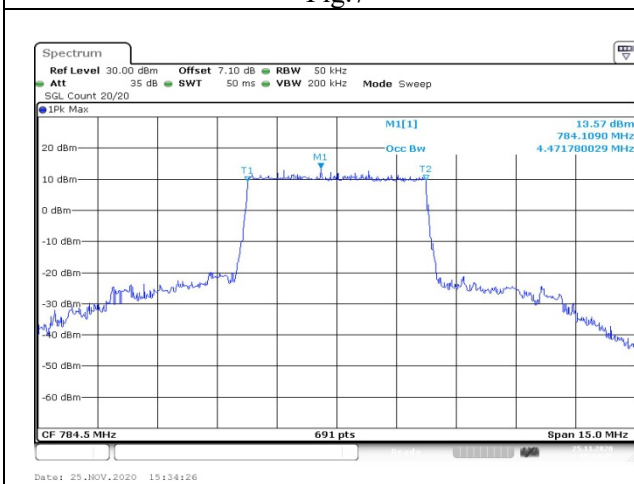
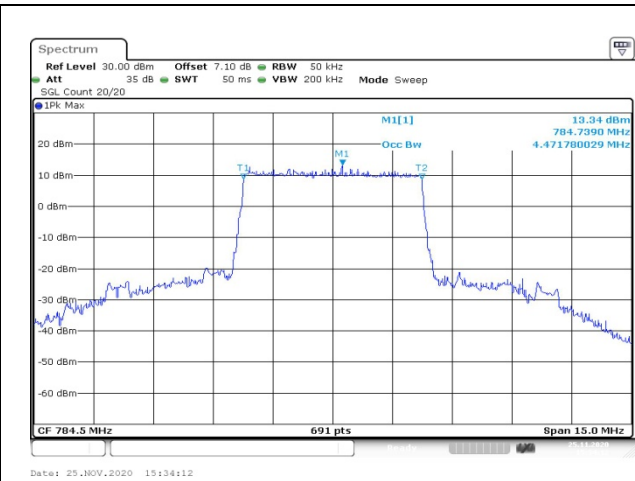
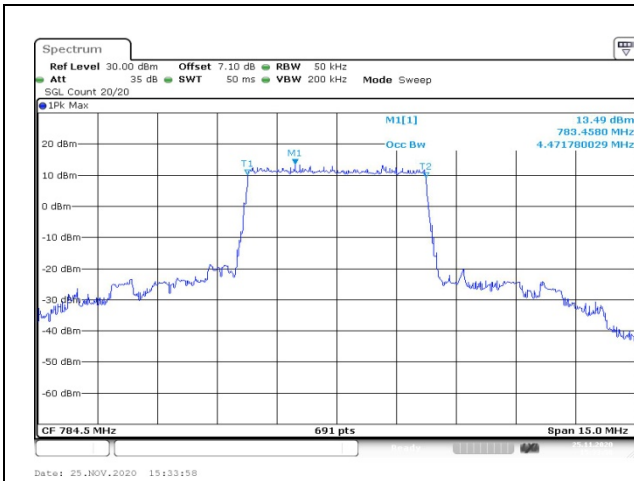
Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	779.5	23205	5	1	0	21.48
				1	12	21.44
				1	24	21.50
				12	0	21.47
				12	7	21.47
				12	13	21.53
				25	0	21.52
	782	23230		1	0	21.41
				1	12	21.40
				1	24	21.52
				12	0	21.43
				12	7	21.42
				12	13	21.44
				25	0	21.47
	784.5	23255		1	0	21.52
				1	12	21.41
				1	24	21.51
				12	0	21.51
				12	7	21.47
				12	13	21.51
				25	0	21.50

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	782	23230	10	1	0	23.25
				1	25	23.30
				1	49	23.19
				25	0	22.35
				25	12	22.41
				25	25	22.40
				50	0	22.30
16QAM				1	0	22.87
				1	25	22.88
				1	49	22.91
				25	0	21.48
				25	12	21.44
				25	25	21.48
				50	0	21.38
64QAM				1	0	21.37
				1	25	21.39
				1	49	21.43
				25	0	21.44
				25	12	21.46
				25	25	21.41
				50	0	21.46

2 Occupied Bandwidth

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)					
						QPSK		16-QAM		64-QAM	
13	779.5	23205	5	25	0	4.450	Fig.1	4.450	Fig.2	4.493	Fig.3
	782	23230		25	0	4.472	Fig.4	4.472	Fig.5	4.472	Fig.6
	784.5	23255		25	0	4.472	Fig.7	4.472	Fig.8	4.472	Fig.9
	782	23230	10	50	0	8.944	Fig.10	8.944	Fig.11	8.944	Fig.12





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	
13	779.5	23205	5	25	0	4.819	Fig.1	4.841	Fig.2	4.863	Fig.3
	782	23230		25	0	4.863	Fig.4	4.928	Fig.5	4.863	Fig.6
	784.5	23255		25	0	4.884	Fig.7	4.863	Fig.8	4.819	Fig.9
	782	23230	10	50	0	9.638	Fig.10	9.595	Fig.11	9.595	Fig.12

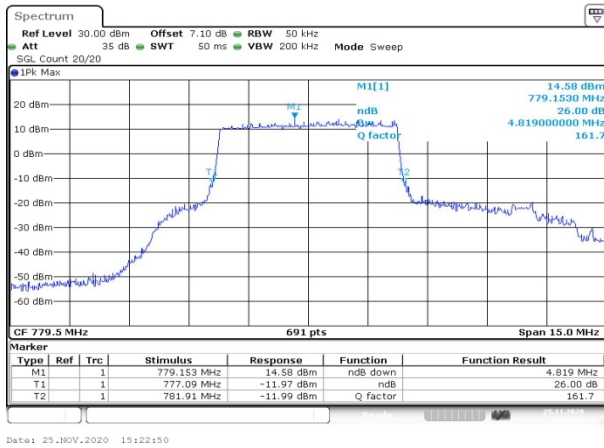


Fig.1

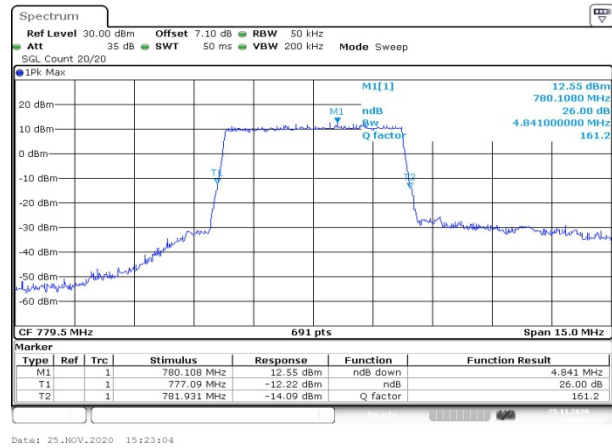


Fig.2

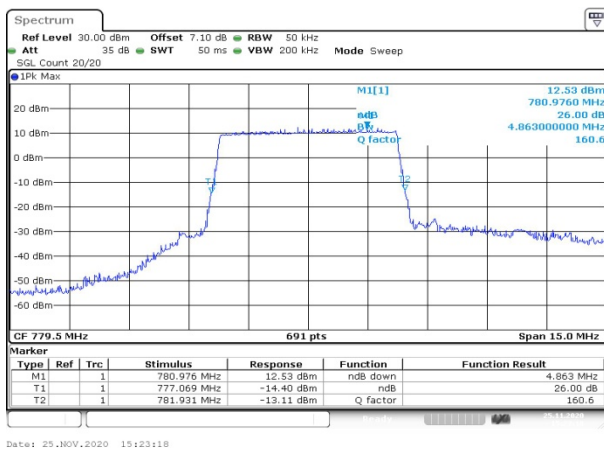


Fig.3

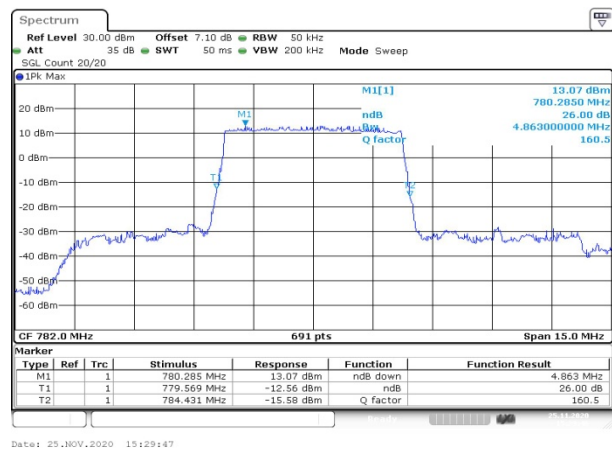


Fig.4

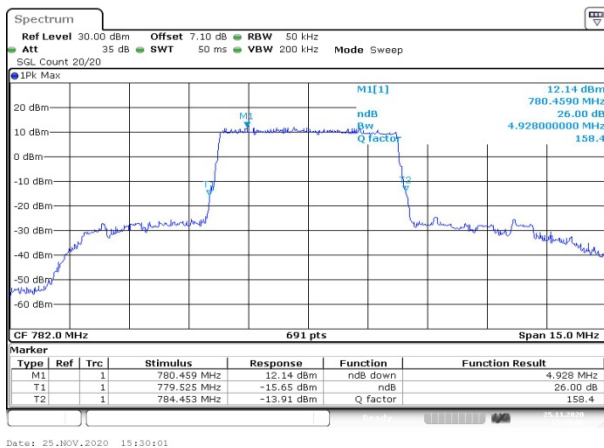


Fig.5

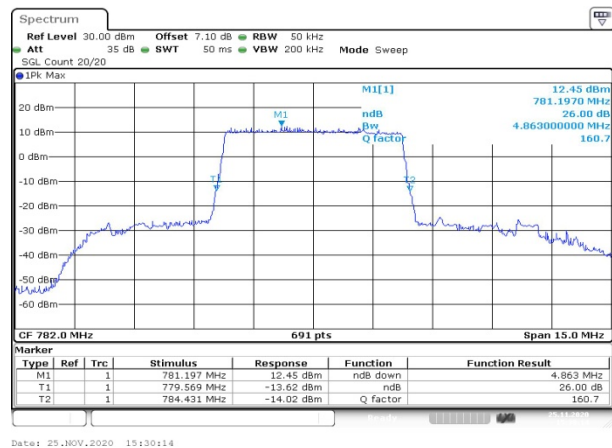


Fig.6

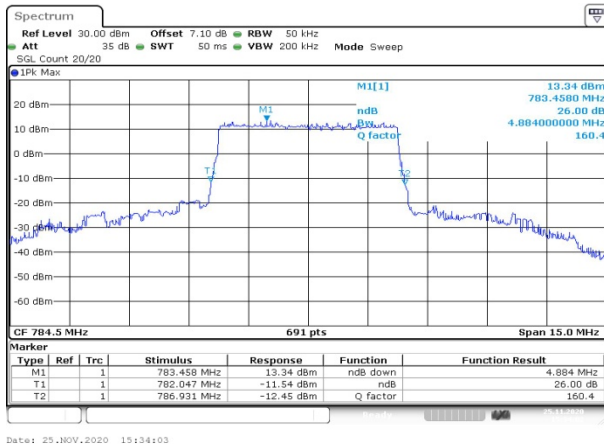


Fig.7

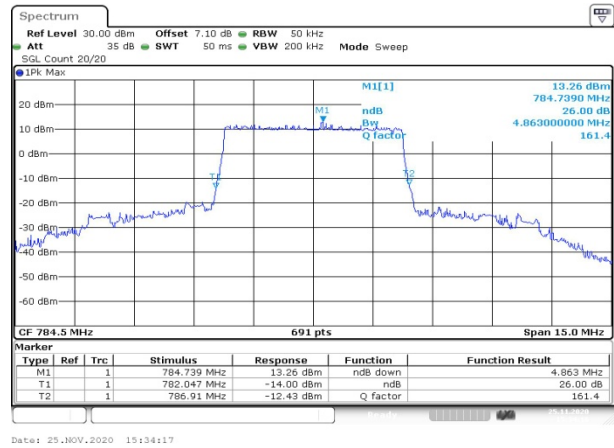


Fig.8

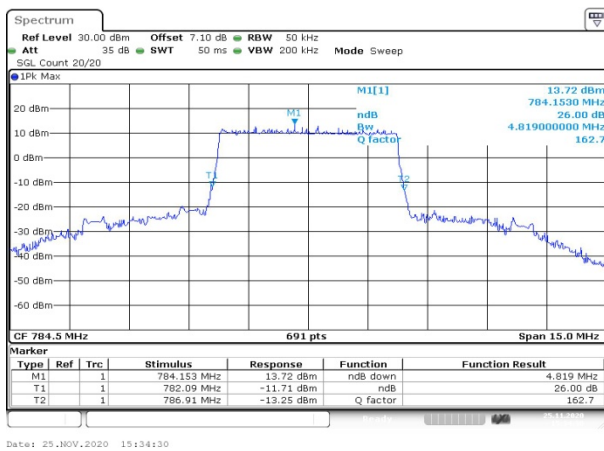


Fig.9

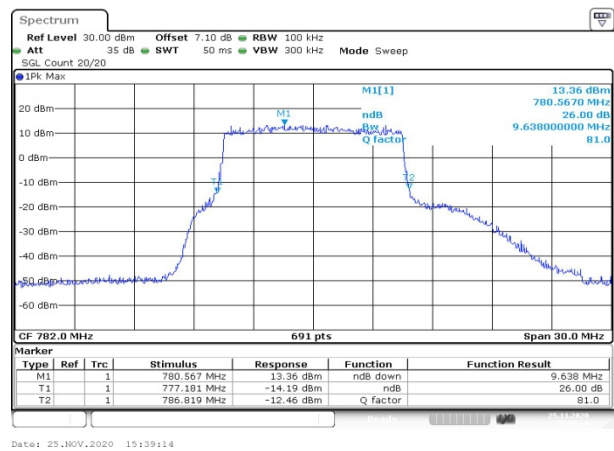


Fig.10

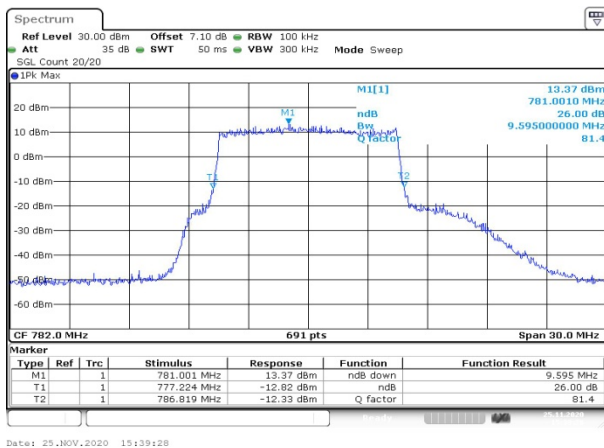


Fig.11

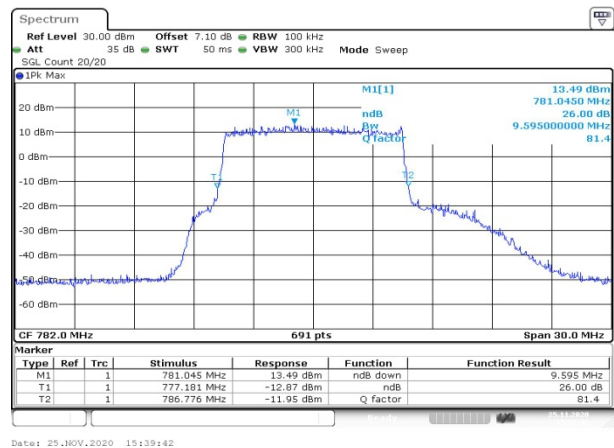


Fig.12

4 Peak-Average Ratio

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	QPSK	16-QAM	64-QAM
13	779.5	23205	5	1	24	Fig.1	Fig.2	Fig.3
	779.5	23205		25	0	Fig.4	Fig.5	Fig.6
	782	23230		1	24	Fig.7	Fig.8	Fig.9
	782	23230		25	0	Fig.10	Fig.11	Fig.12
	784.5	23255		1	24	Fig.13	Fig.14	Fig.15
	784.5	23255		25	0	Fig.16	Fig.17	Fig.18
	782	23230	10	1	49	Fig.19	Fig.20	Fig.21
	782	23230		50	0	Fig.22	Fig.23	Fig.24

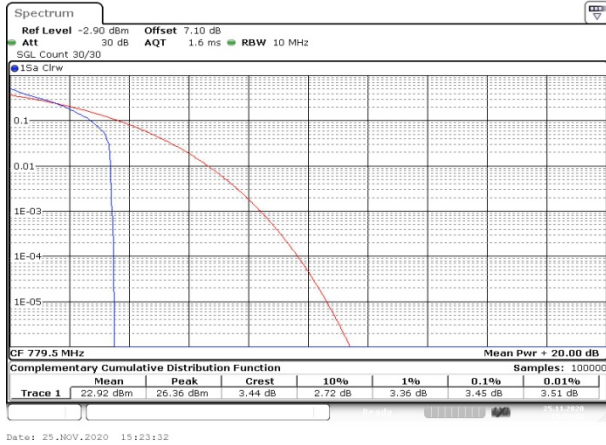


Fig.1

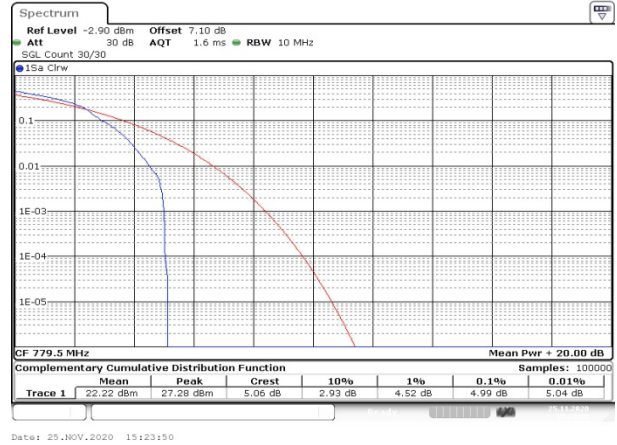


Fig.2

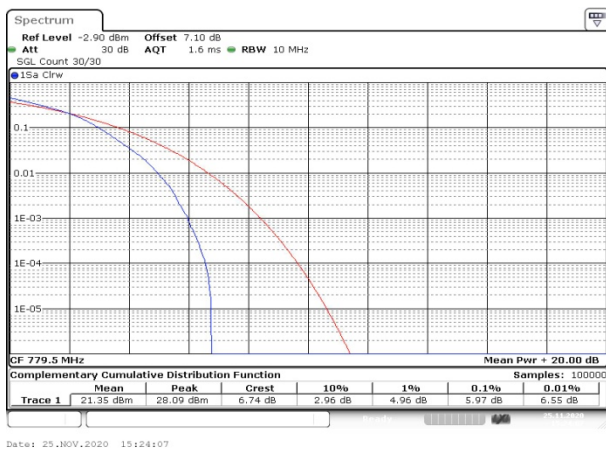


Fig.3

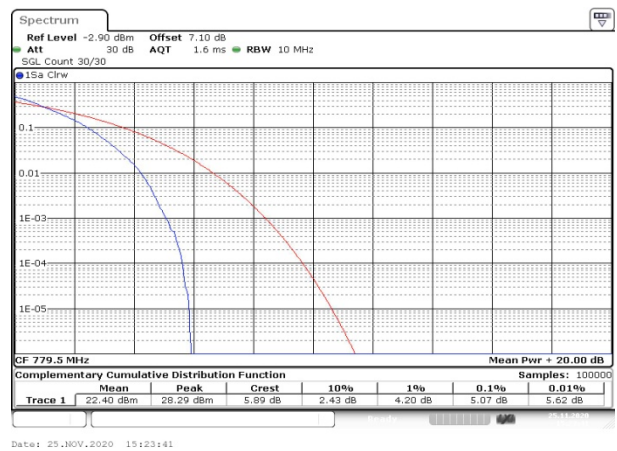


Fig.4

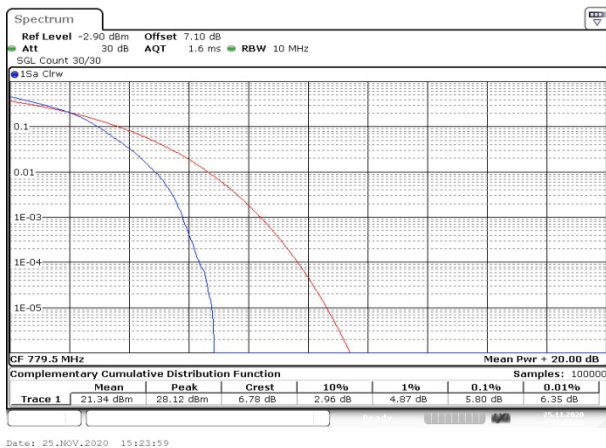


Fig.5

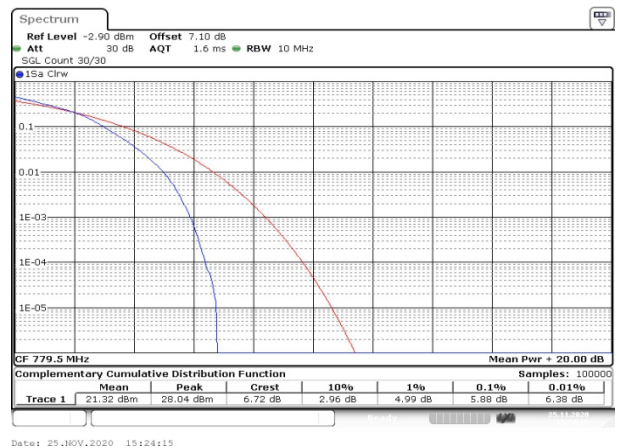


Fig.6