

LTE Band 13
1 RF Power Output

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	779.5	23205	5	1	0	22.78
				1	12	22.81
				1	24	22.83
				12	0	21.86
				12	7	21.96
				12	13	21.93
	782	23230		25	0	21.93
				1	0	22.89
				1	12	22.90
				1	24	22.93
				12	0	21.98
				12	7	22.07
	784.5	23255		12	13	22.00
				25	0	21.97
				1	0	22.87
				1	12	22.86
				1	24	22.85
				12	0	22.00
16QAM	779.5	23205	12	7	21.99	
			12	13	21.99	
			25	0	21.99	
			1	0	21.77	
			1	12	21.85	
			1	24	21.85	
	782	23230	12	0	20.87	
			12	7	20.90	
			12	13	20.90	
			25	0	20.97	
			1	0	22.24	
			1	12	22.17	
	784.5	23255	1	24	22.26	
			12	0	21.05	
			12	7	21.12	
			12	13	21.12	
			25	0	21.01	
			1	0	22.00	
			1	12	21.95	
			1	24	21.96	
			12	0	20.94	
			12	7	20.94	
			12	13	20.95	
			25	0	21.02	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	779.5	23205	5	1	0	21.02
				1	12	21.01
				1	24	21.04
				12	0	21.02
				12	7	20.97
				12	13	21.04
				25	0	21.03
	782	23230		1	0	21.02
				1	12	21.03
				1	24	21.02
				12	0	21.02
				12	7	21.03
				12	13	21.04
				25	0	21.02
	784.5	23255		1	0	21.02
				1	12	21.02
				1	24	21.04
				12	0	21.04
				12	7	21.04
				12	13	21.04
				25	0	21.05

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	782	23230	10	1	0	23.03
				1	25	22.85
				1	49	22.85
				25	0	22.04
				25	12	22.06
				25	25	22.06
16QAM				50	0	22.05
				1	0	22.56
				1	25	22.48
				1	49	22.49
				25	0	21.07
				25	12	21.12
64QAM				25	25	21.05
				50	0	21.00
				1	0	21.02
				1	25	21.01
				1	49	21.02
				25	0	21.07
	25	12	21.07			
	25	25	21.02			
	50	0	21.03			

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	4.472	Fig.1	4.472	Fig.2	4.472	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	8.900	Fig.11	8.944	Fig.12

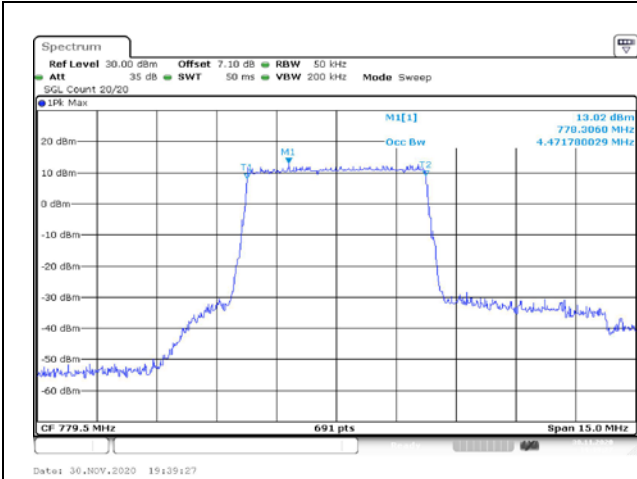


Fig.1

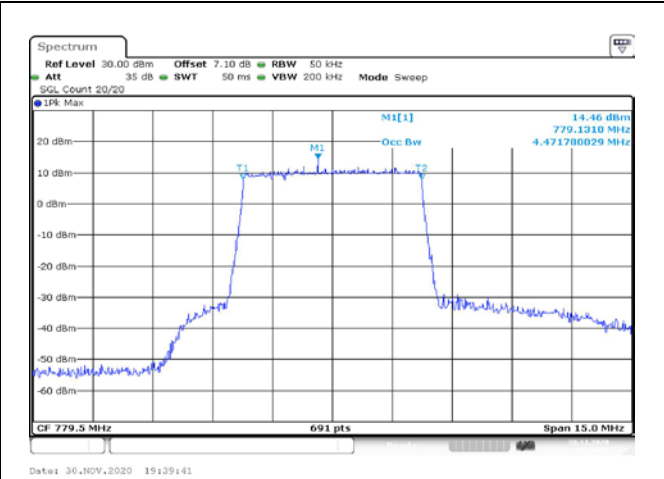


Fig.2

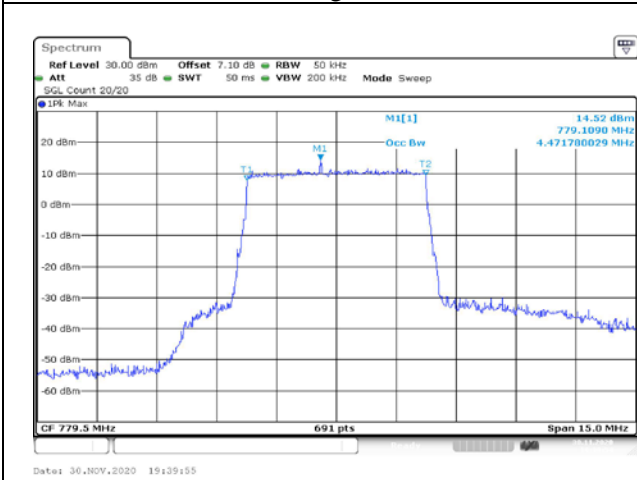


Fig.3

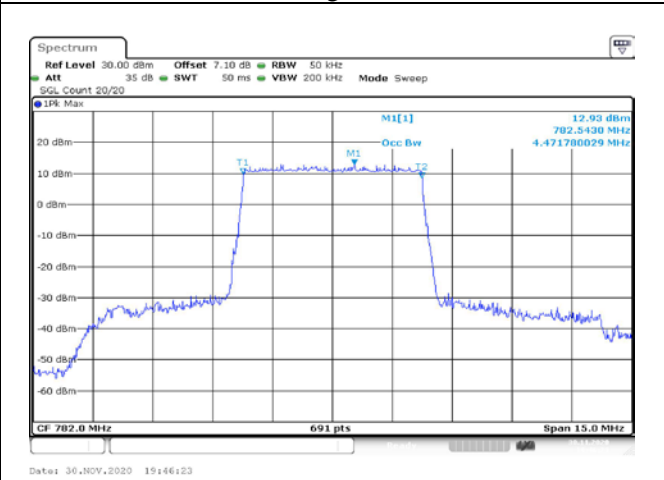


Fig.4

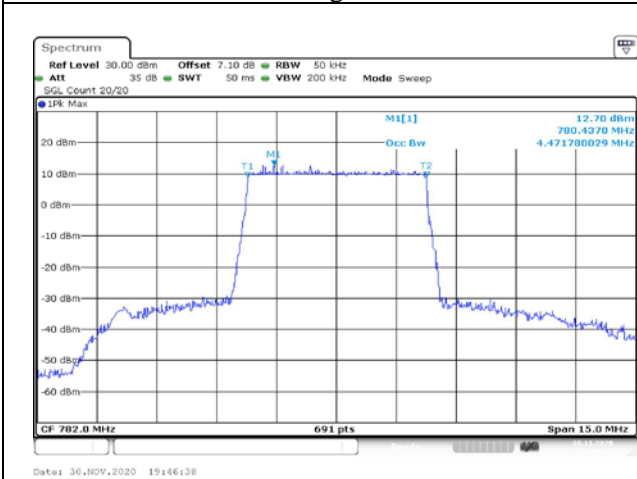


Fig.5

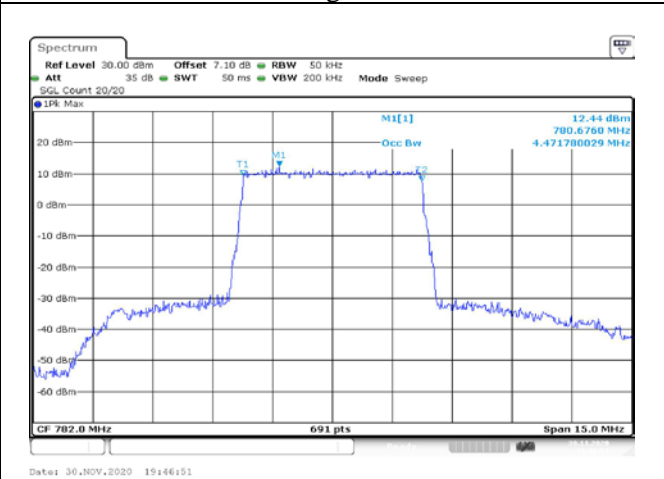


Fig.6

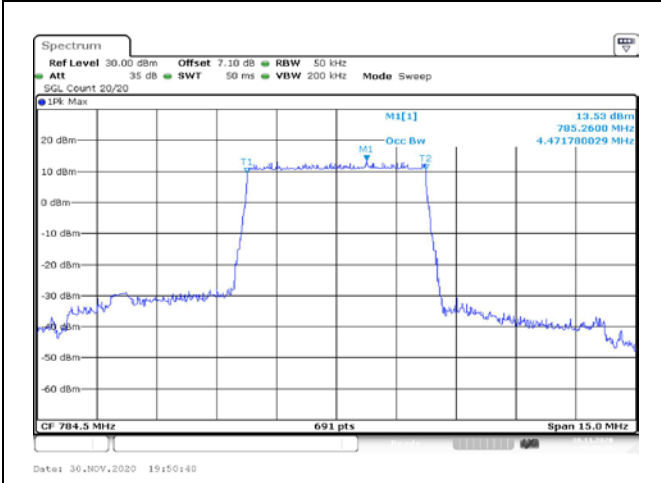


Fig.7

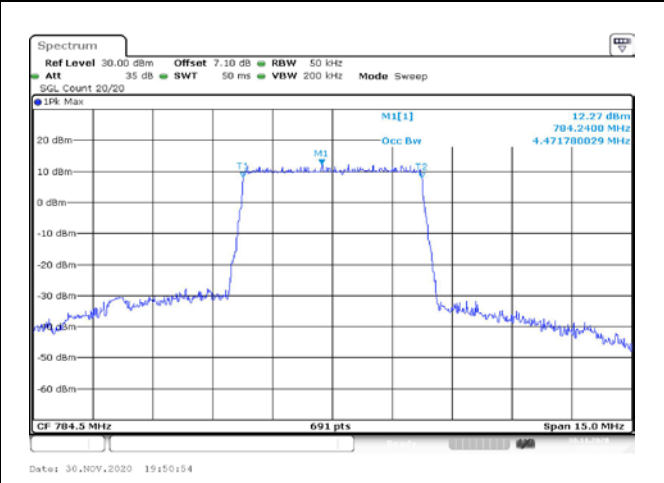


Fig.8

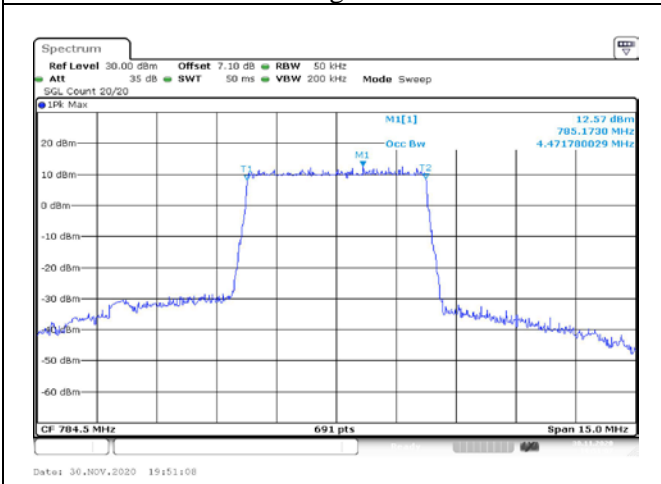


Fig.9

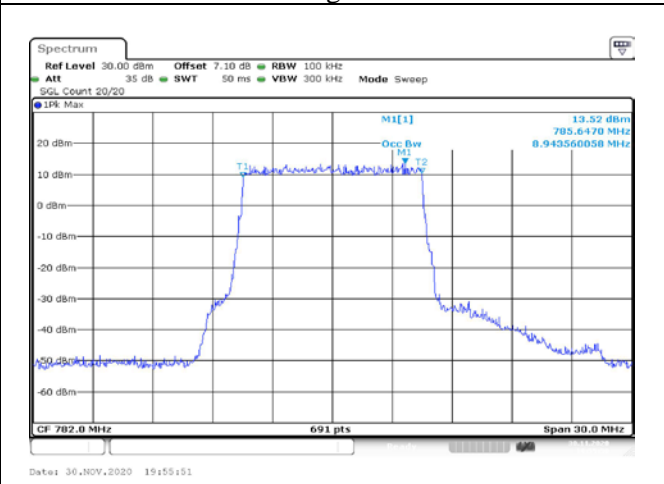


Fig.10

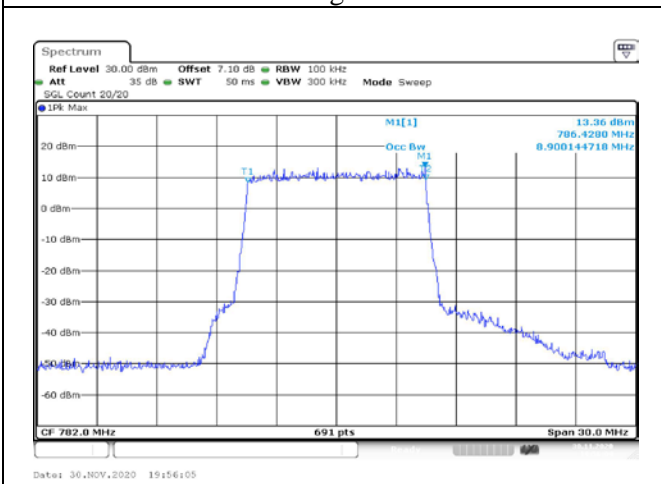


Fig.11

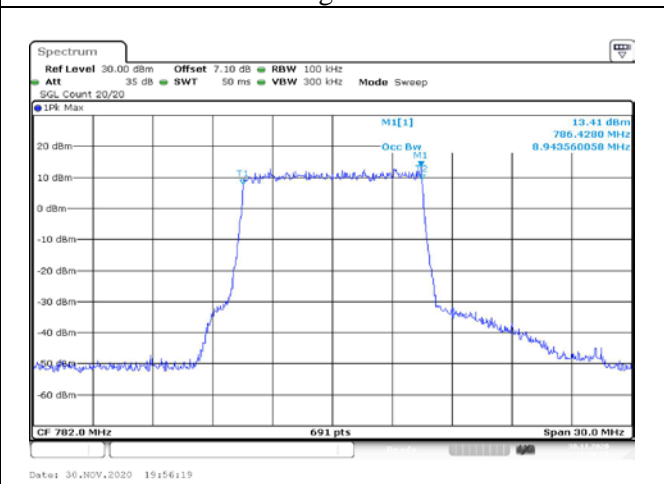


Fig.12

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	4.863	Fig.1	4.841	Fig.2	4.841	Fig.3
	782	23230		25	0	4.841	Fig.4	4.863	Fig.5	4.884	Fig.6
	784.5	23255		25	0	4.819	Fig.7	4.884	Fig.8	4.906	Fig.9
	782	23230	10	50	0	9.595	Fig.10	9.551	Fig.11	9.595	Fig.12

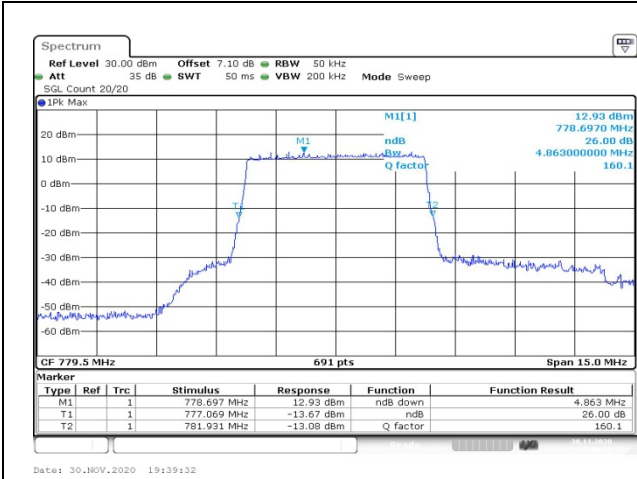


Fig.1

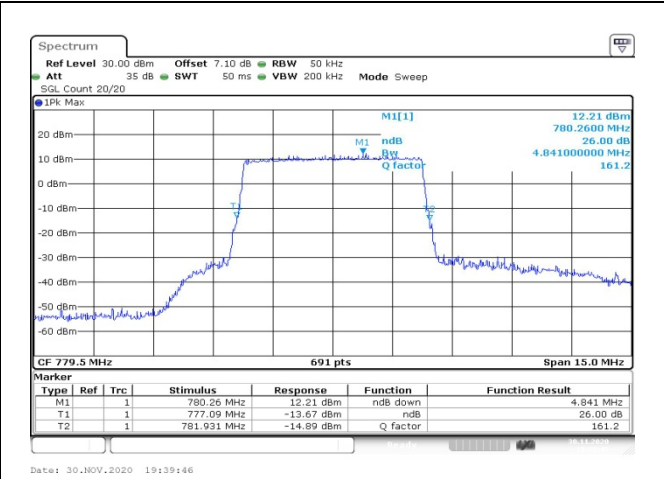


Fig.2

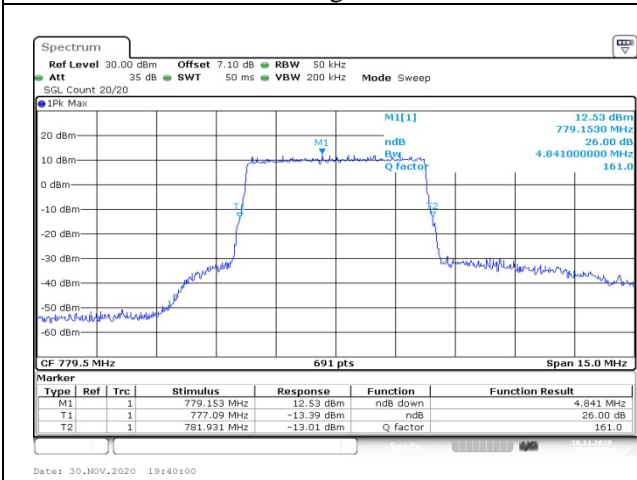


Fig.3

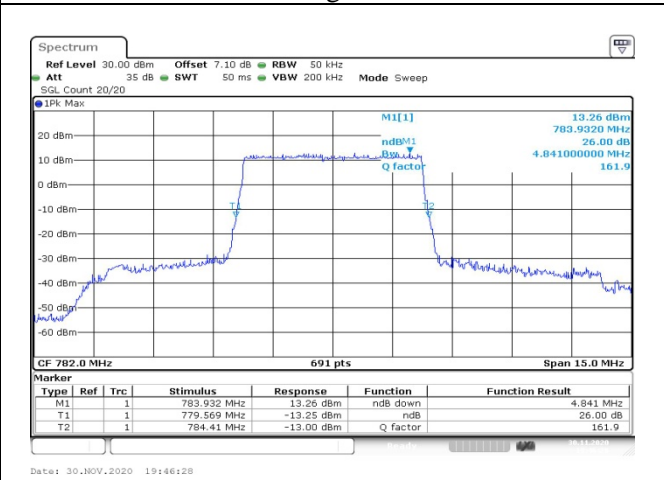


Fig.4

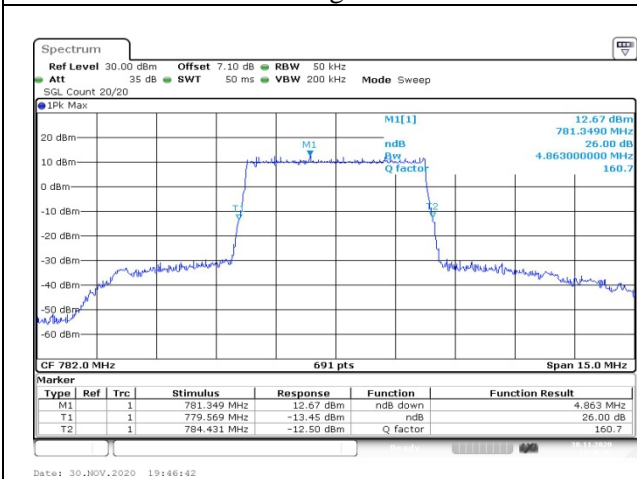


Fig.5

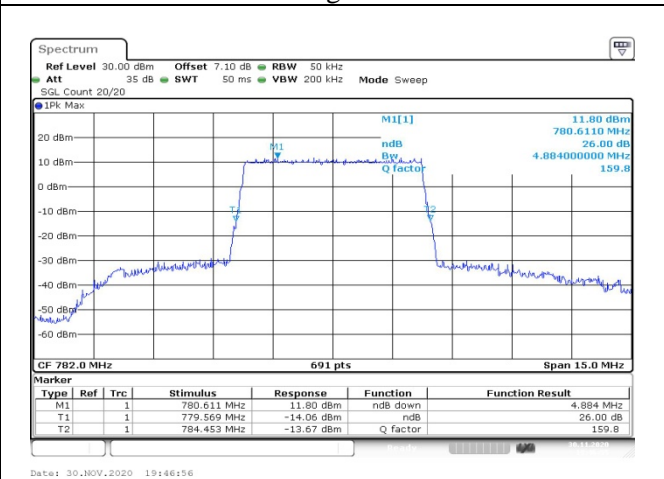


Fig.6

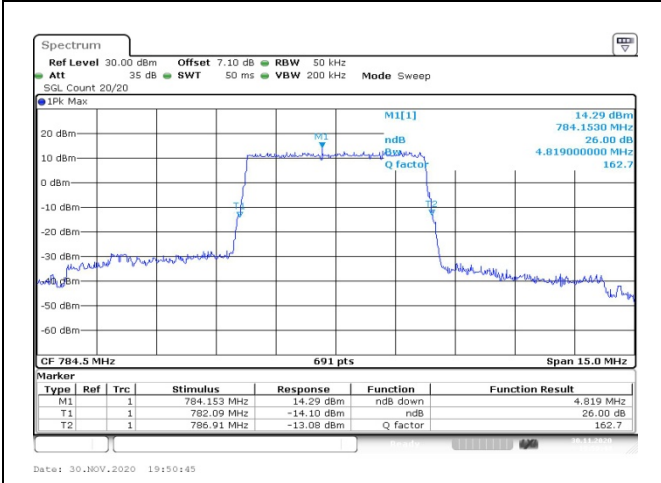


Fig.7

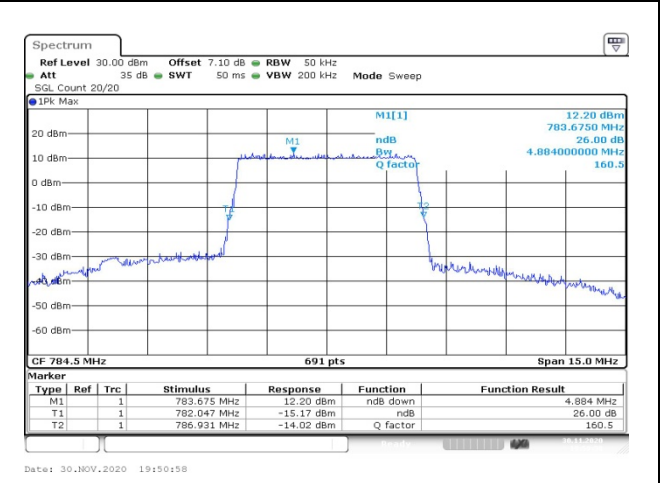


Fig.8

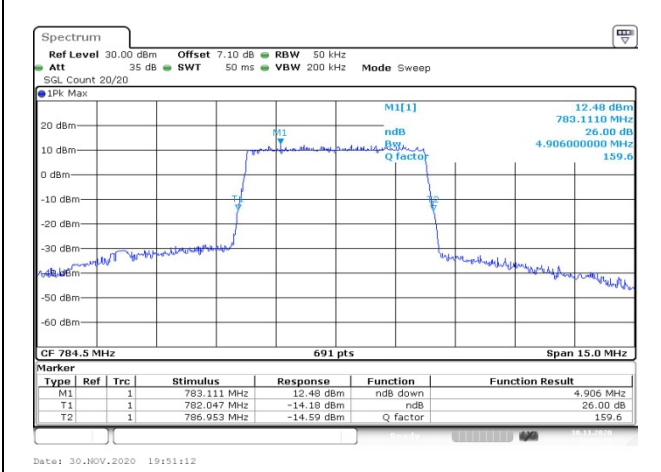


Fig.9

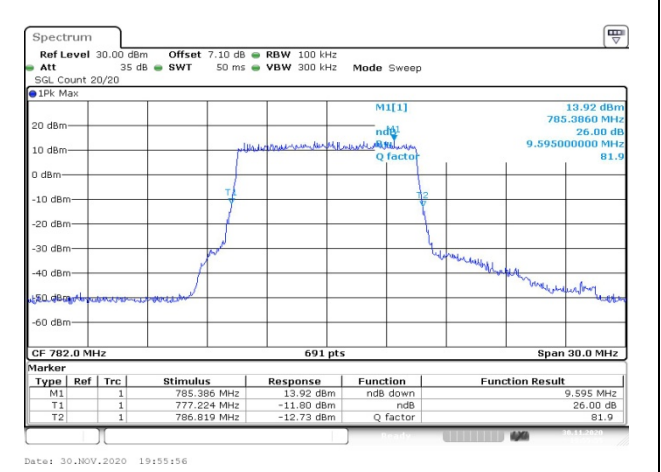


Fig.10

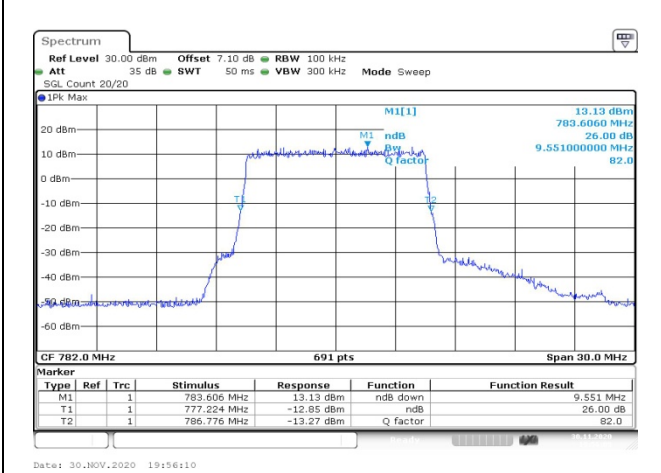


Fig.11

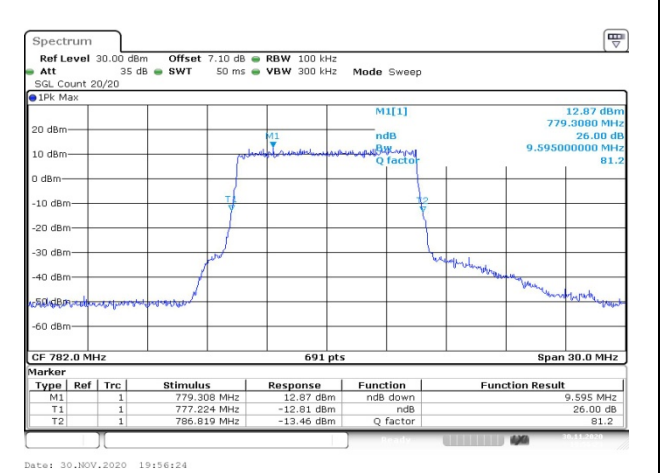


Fig.12

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

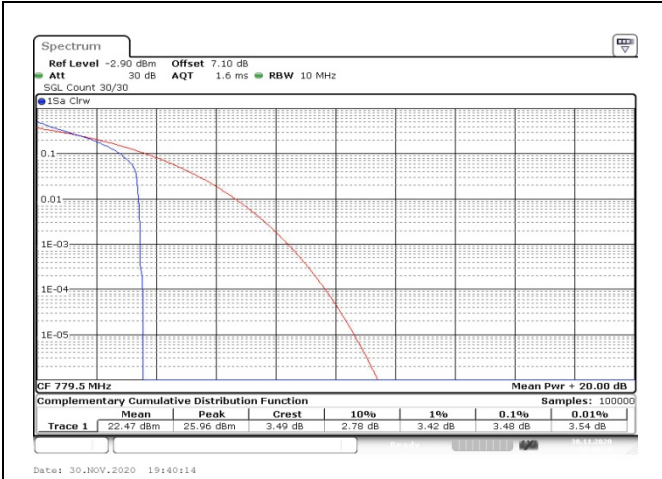


Fig.1

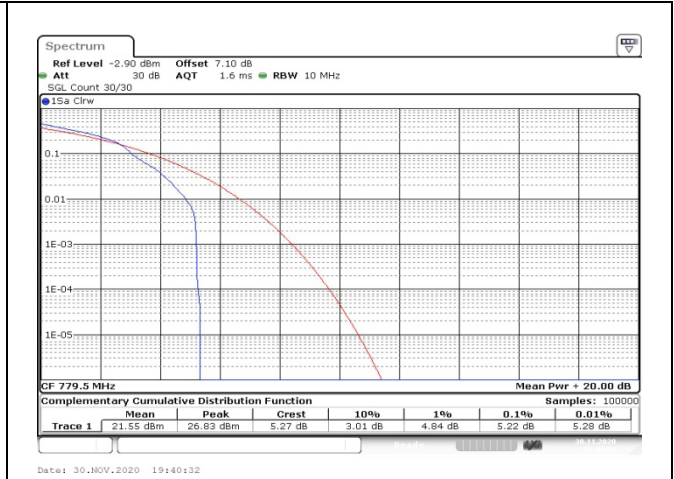


Fig.2

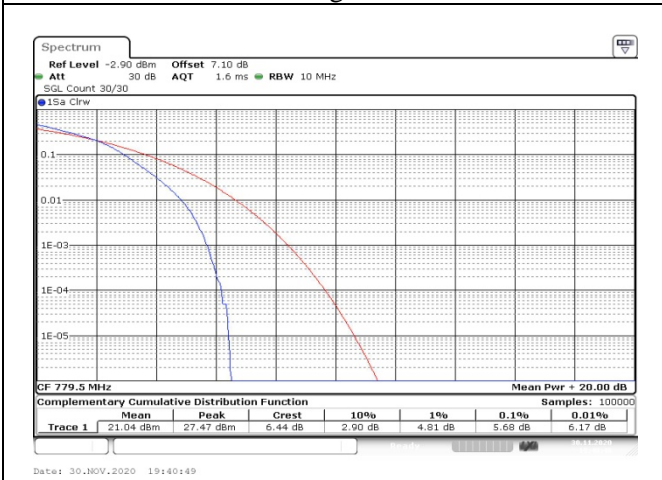


Fig.3

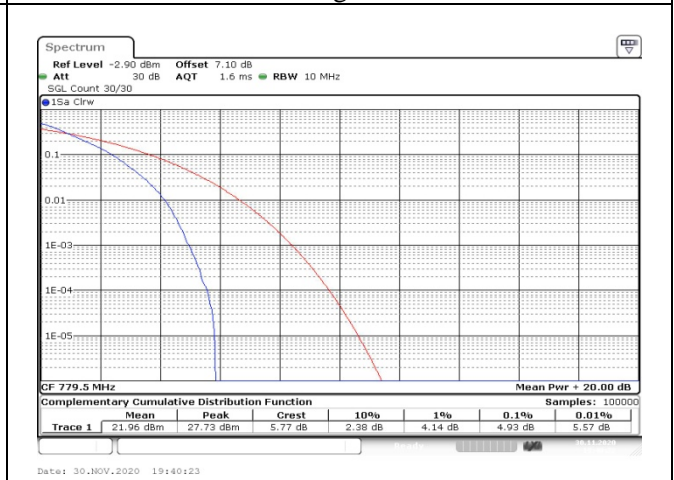


Fig.4

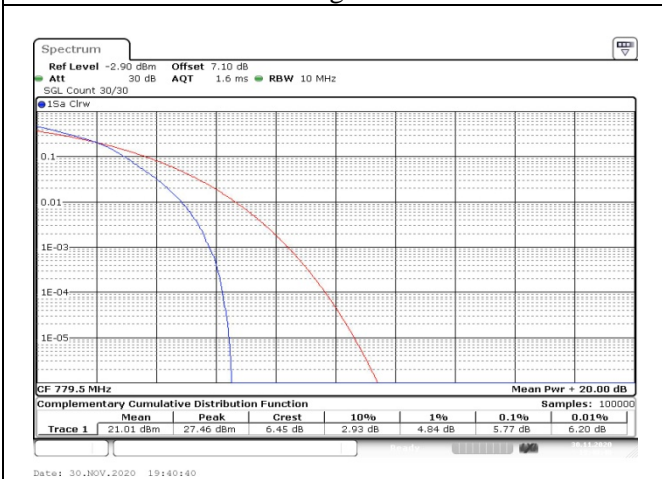


Fig.5

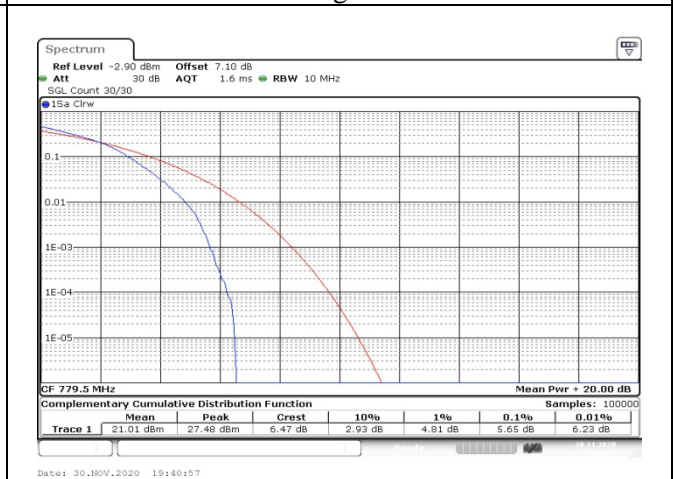


Fig.6

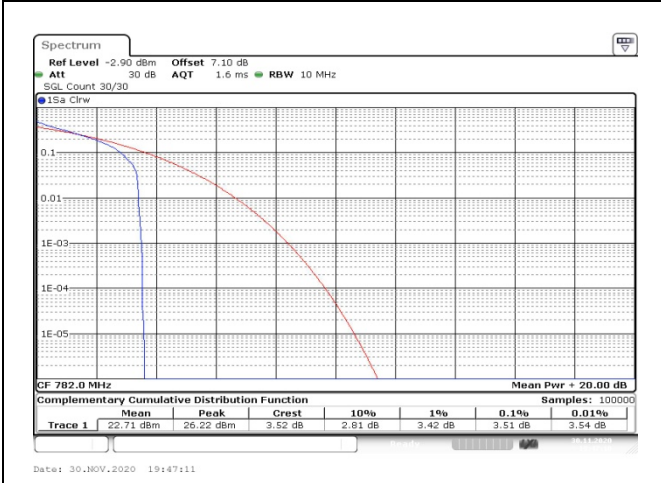


Fig.7

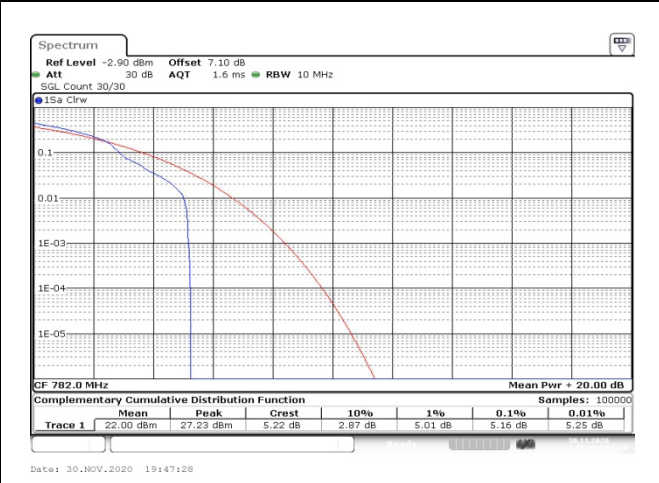


Fig.8

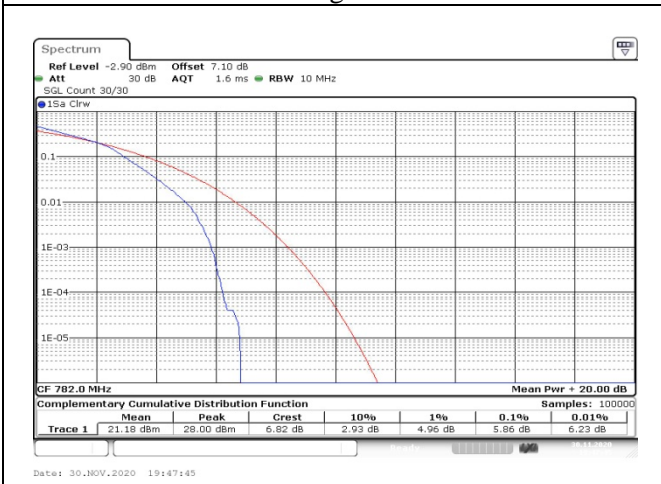


Fig.9

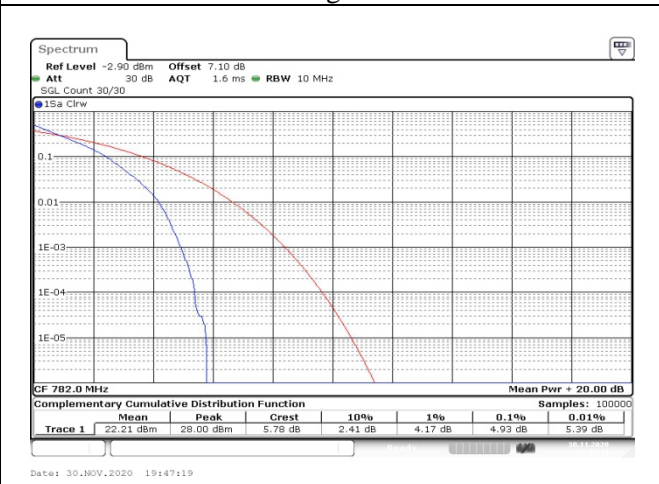


Fig.10

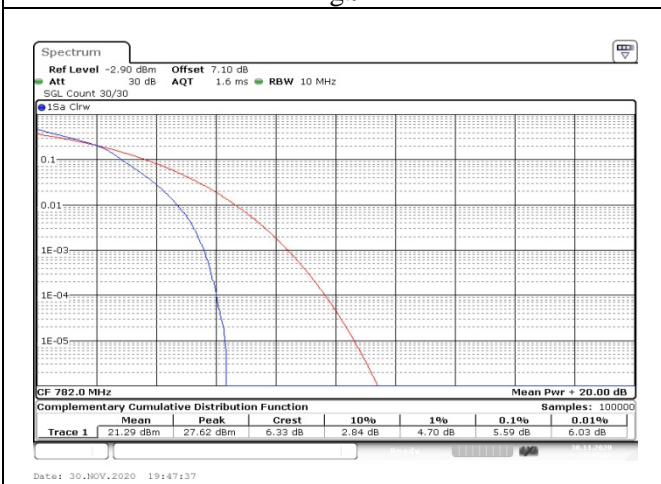


Fig.11

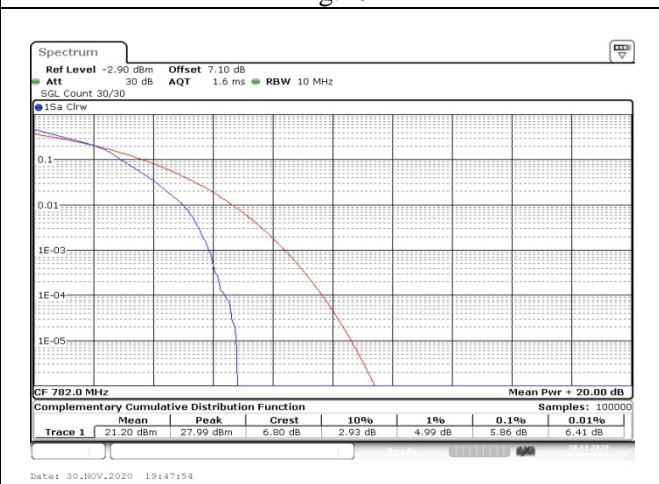


Fig.12