APPENDIX A – TEST DATA OF CONDUCTED EMISSION

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	23.90
				1	12	23.83
				1	24	23.86
				12	0	24.04
				12	7	24.04
				12	13	23.93
				25	0	23.96
	782	23230		1	0	24.69
				1	12	24.77
				1	24	24.77
				12	0	23.92
				12	7	23.93
				12	13	23.93
				25	0	23.93
	784.5	23255		1	0	24.76
				1	12	24.71
				1	24	24.71
				12	0	23.82
				12	7	23.83
				12	13	23.83
				25	0	23.95
16QAM	779.5	23205		1	0	23.88
				1	12	23.41
				1	24	23.40
				12	0	22.89
				12	7	23.05
				12	13	22.97
				25	0	23.17
	782	23230		1	0	24.14
				1	12	24.22
				1	24	24.22
				12	0	22.95
				12	7	22.86
				12	13	22.85
				25	0	23.01
	784.5	23255		1	0	23.71
				1	12	23.71
				1	24	23.70
				12	0	23.04
				12	7	22.97
				12	13	22.97
				25	0	22.89

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	779.5	23205	5	1	0	23.17
				1	12	23.17
				1	24	23.16
				12	0	23.17
				12	7	23.05
				12	13	23.05
				25	0	23.05
	782	23230		1	0	22.91
				1	12	23.09
				1	24	23.09
				12	0	23.09
				12	7	23.09
				12	13	23.09
				25	0	23.09
	784.5	23255		1	0	22.89
				1	12	23.08
				1	24	23.07
				12	0	23.07
				12	7	23.07
				12	13	23.07
				25	0	23.07

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	782	23230	10	1	0	23.78
				1	25	23.71
				1	49	23.71
				25	0	23.93
				25	12	23.92
				25	25	23.92
				50	0	23.97
				1	0	24.00
				1	25	23.80
				1	49	23.82
				25	0	23.98
				25	12	23.90
				25	25	23.90
				50	0	23.95
				1	0	23.91
				1	25	23.69
				1	49	23.78
				25	0	23.98
				25	12	23.89
				25	25	23.89
				50	0	23.95
16QAM				1	0	24.37
				1	25	24.34
				1	49	24.34
				25	0	23.14
				25	12	22.97
				25	25	22.97
				50	0	22.87
				1	0	24.36
				1	25	24.32
				1	49	24.32
				25	0	23.12
				25	12	23.03
				25	25	23.03
				50	0	23.03
				1	0	24.36
				1	25	24.33
				1	49	24.33
				25	0	23.14
				25	12	23.06
				25	25	23.05
				50	0	22.95

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	782	23230	10	1	0	22.87
				1	25	22.87
				1	49	22.88
				25	0	22.87
				25	12	22.87
				25	25	22.87
				50	0	22.87
				1	0	23.03
				1	25	23.03
				1	49	23.03
				25	0	23.03
				25	12	22.85
				25	25	22.85
				50	0	23.03
				1	0	22.95
				1	25	22.85
				1	49	23.12
				25	0	23.12
				25	12	23.13
				25	25	23.04
				50	0	23.05

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	4.450	Fig.6
	784.5	23255		25	0	4.472	Fig.7	4.472	Fig.8	4.493	Fig.9
	782	23230	10	50	0	8.944	Fig.10	8.944	Fig.11	8.944	Fig.12
	782	23230		50	0	8.944	Fig.13	8.944	Fig.14	8.944	Fig.15
	782	23230		50	0	8.944	Fig.16	8.944	Fig.17	8.944	Fig.18

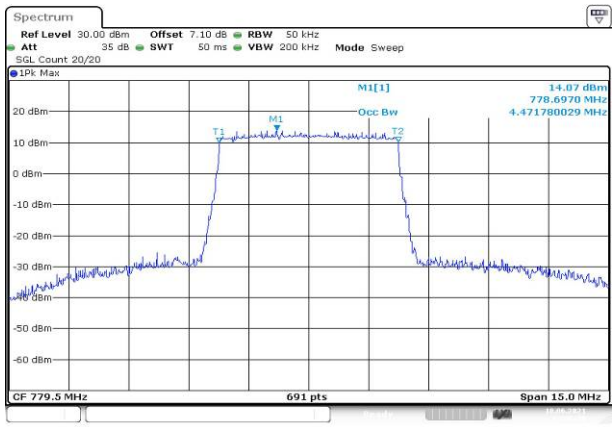


Fig.1

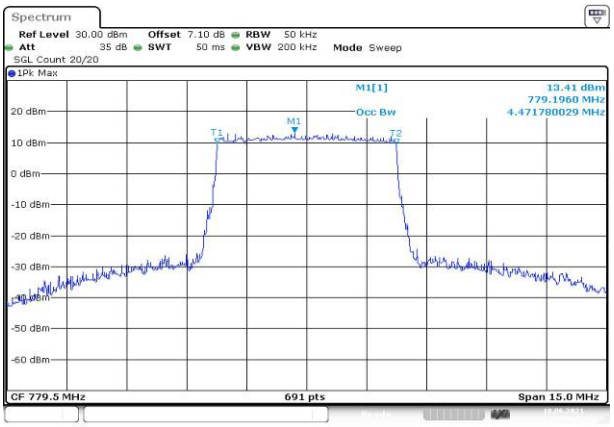


Fig.2

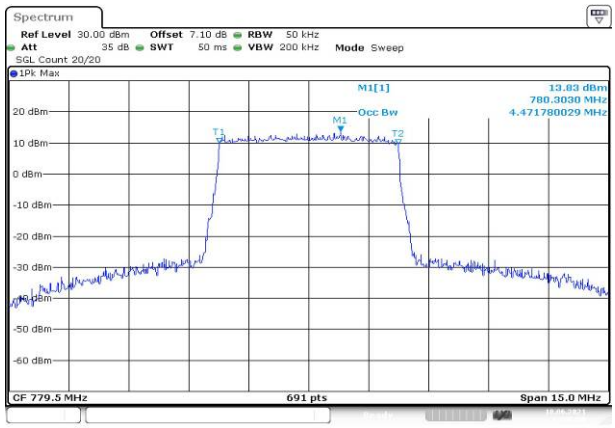


Fig.3

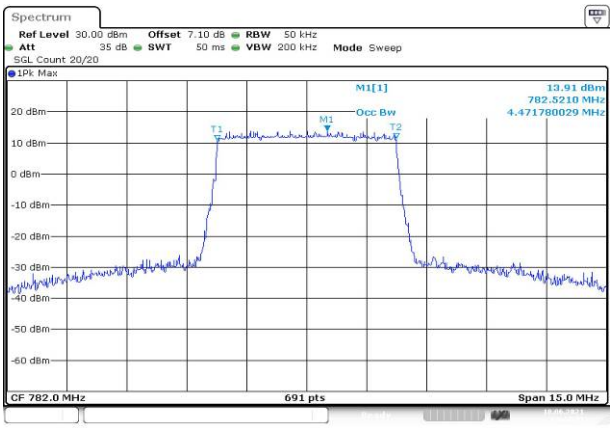


Fig.4

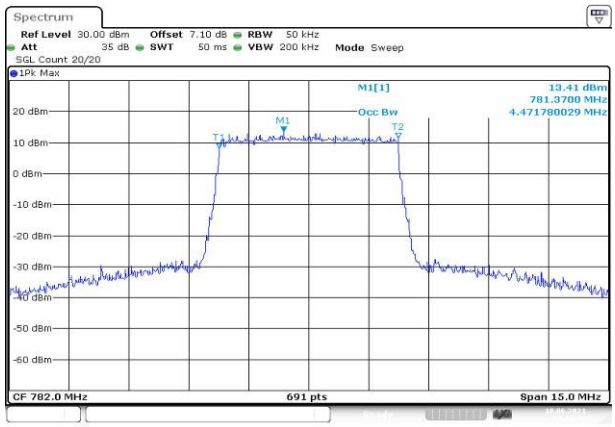
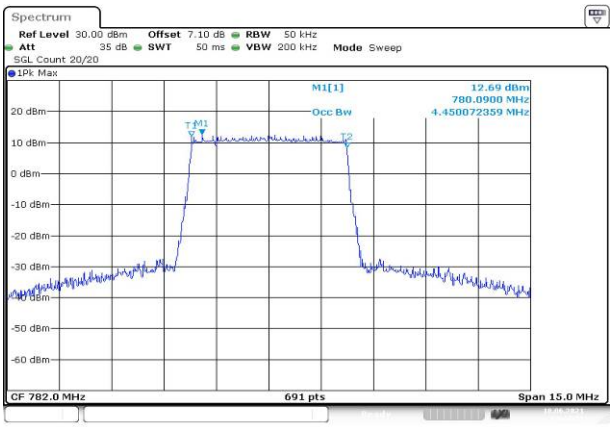


Fig.5



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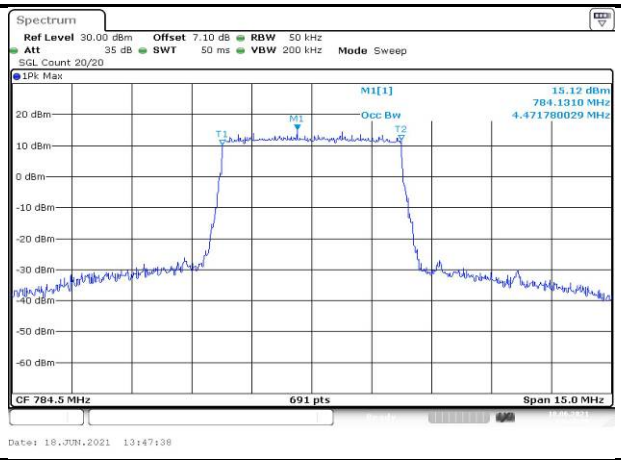


Fig.7

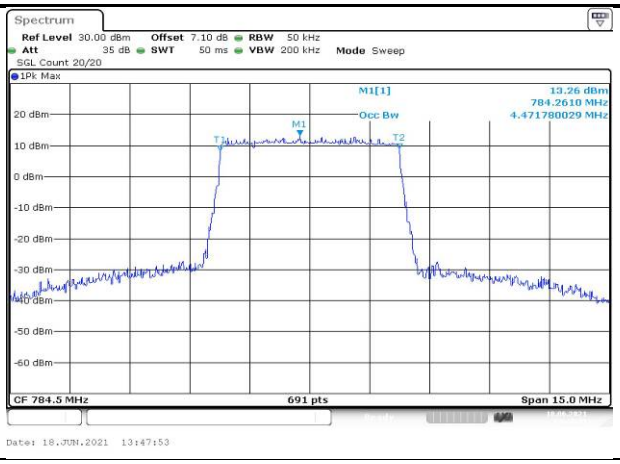


Fig.8

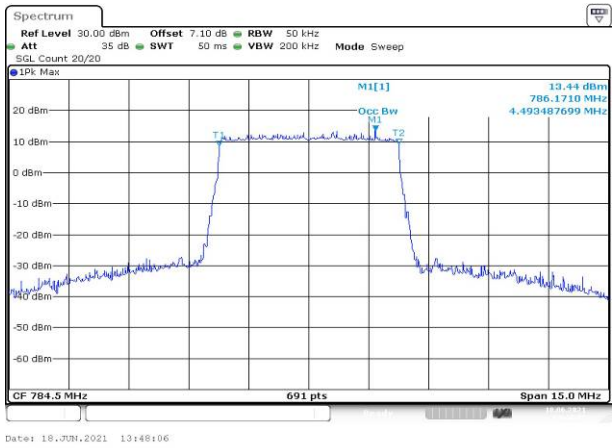


Fig.9

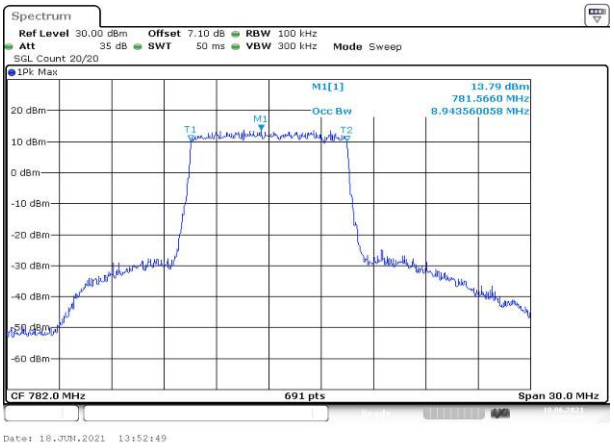


Fig.10

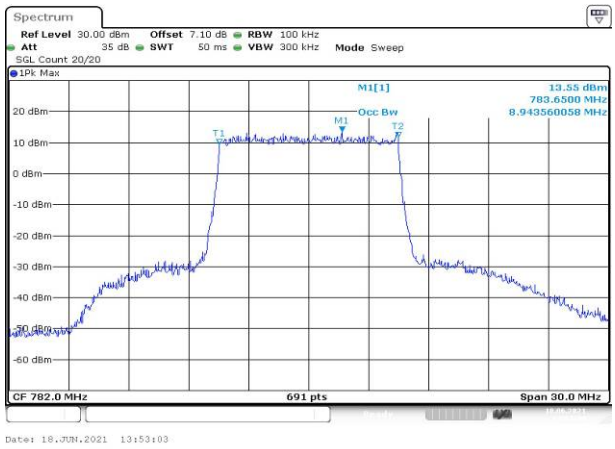
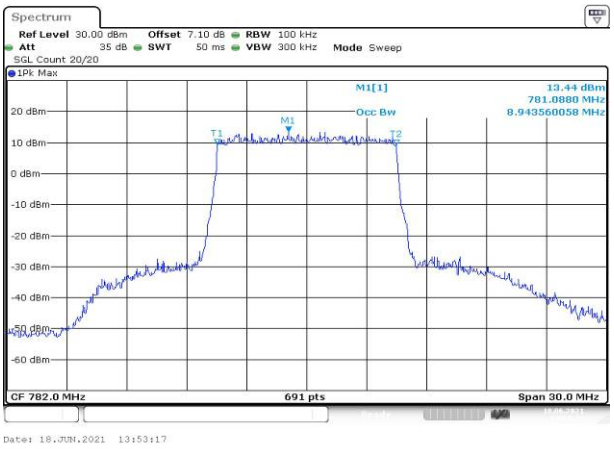


Fig.11



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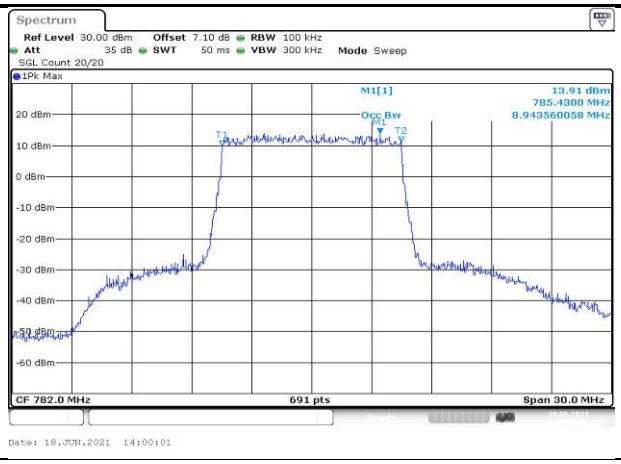

Fig.13

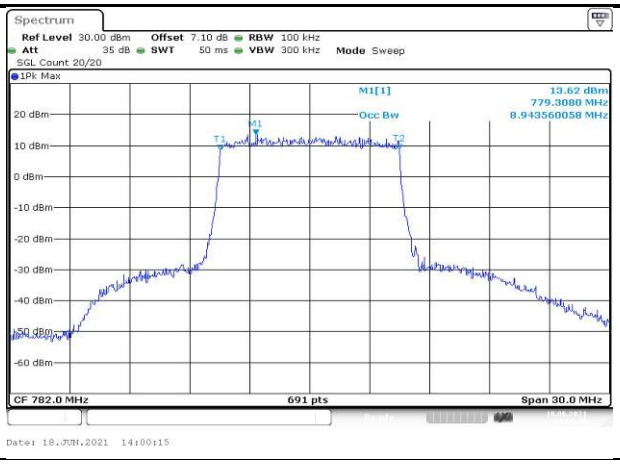

Fig.14

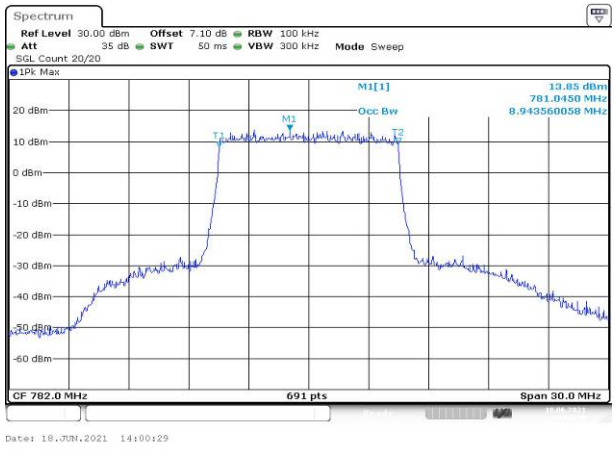

Fig.15

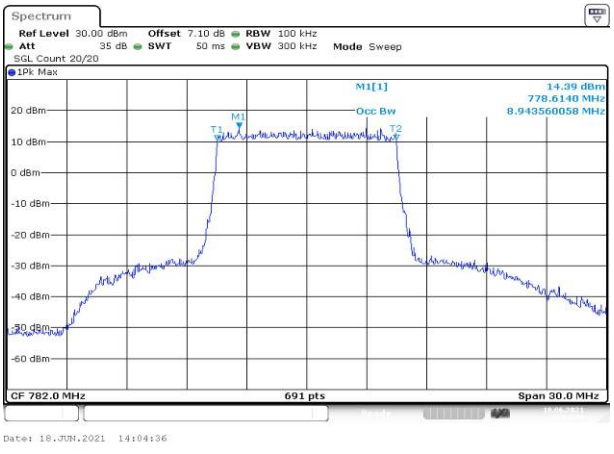

Fig.16

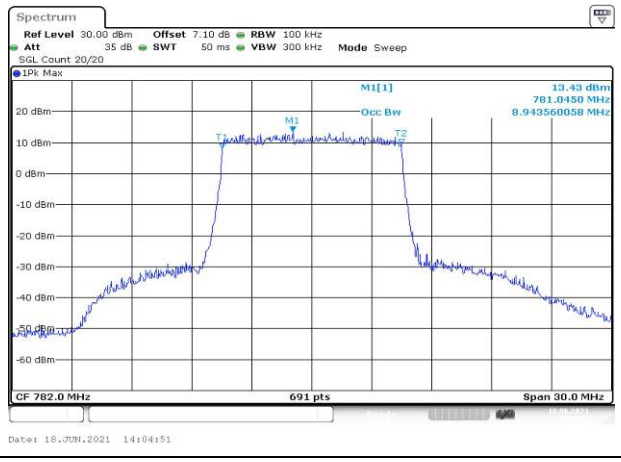

Fig.17

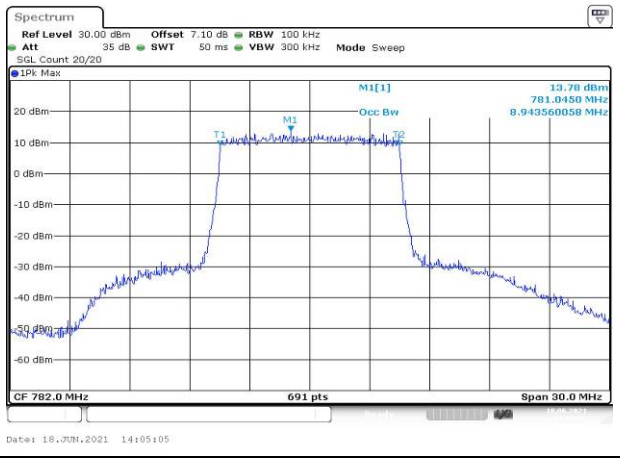

Fig.18

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	
13	779.5	23205	5	25	0	4.884	Fig.1	4.819	Fig.2	4.819	Fig.3
	782	23230		25	0	4.906	Fig.4	4.906	Fig.5	4.884	Fig.6
	784.5	23255		25	0	4.863	Fig.7	4.928	Fig.8	4.906	Fig.9
	782	23230	10	50	0	9.725	Fig.10	9.638	Fig.11	9.682	Fig.12
	782	23230		50	0	9.682	Fig.13	9.638	Fig.14	9.638	Fig.15
	782	23230		50	0	9.682	Fig.16	9.595	Fig.17	9.682	Fig.18

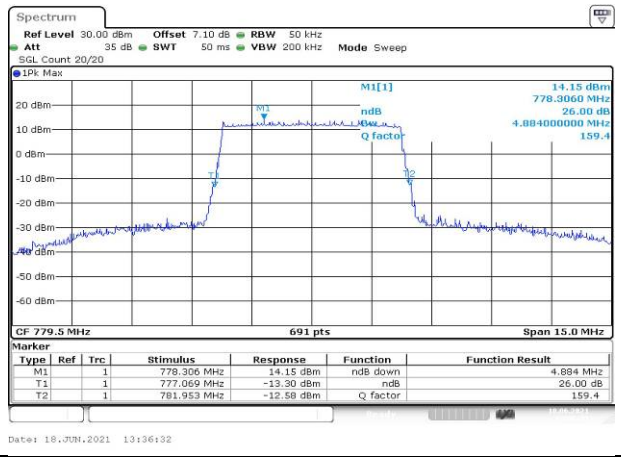

Fig.1

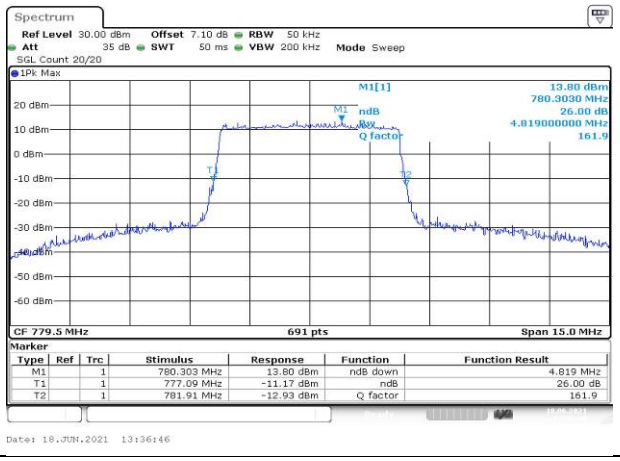

Fig.2

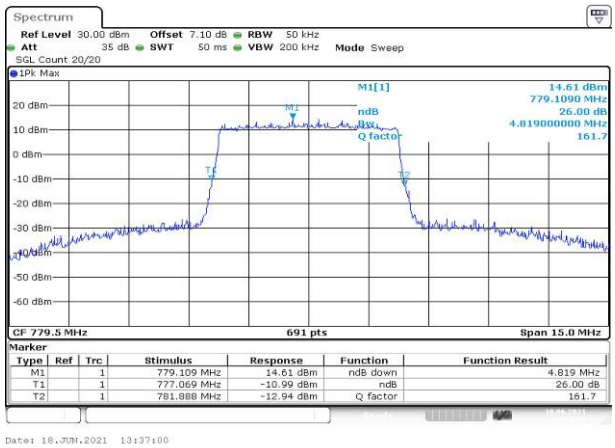

Fig.3

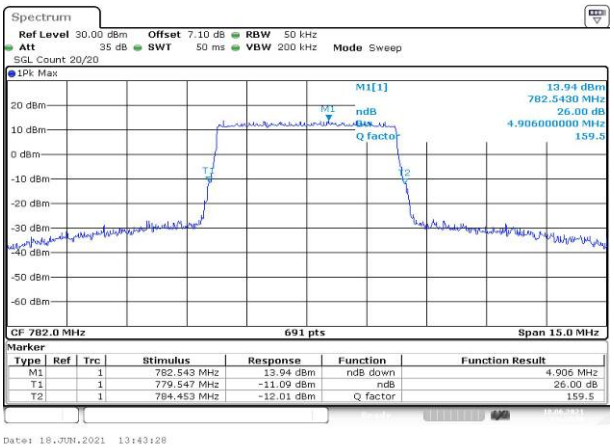

Fig.4

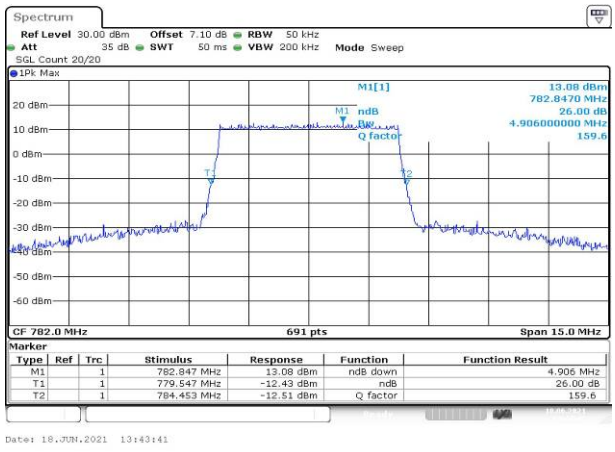

Fig.5

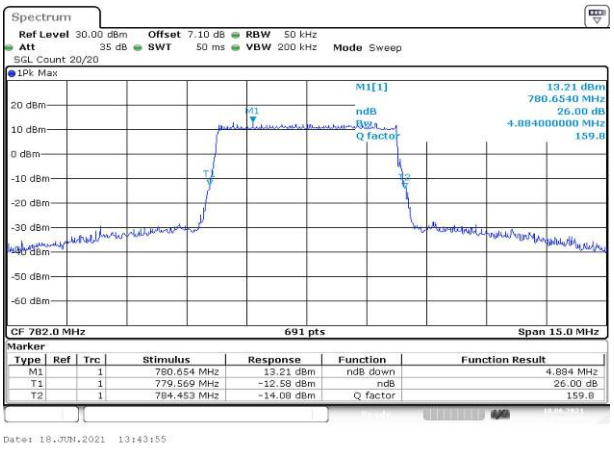

Fig.6

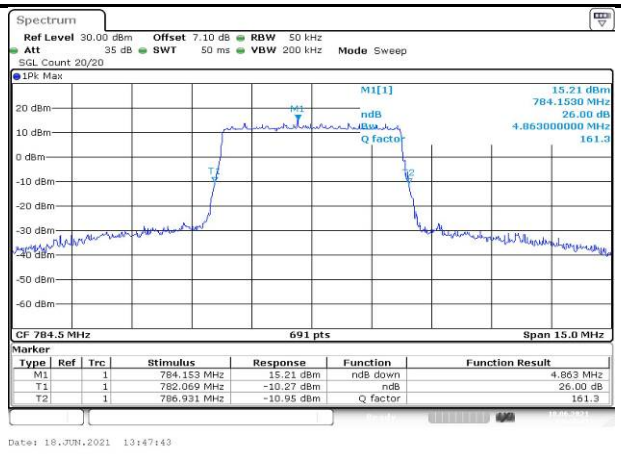

Fig.7

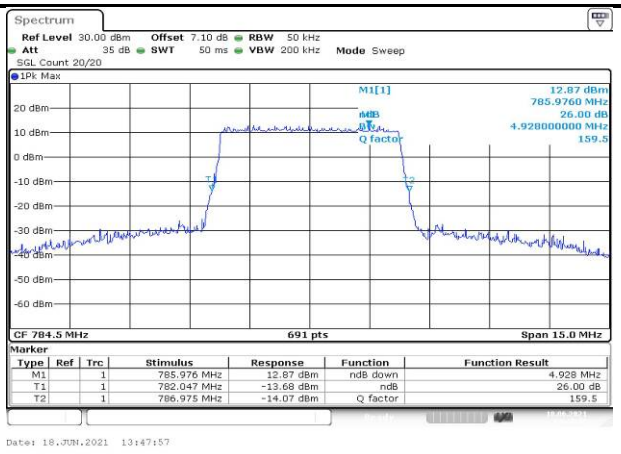

Fig.8

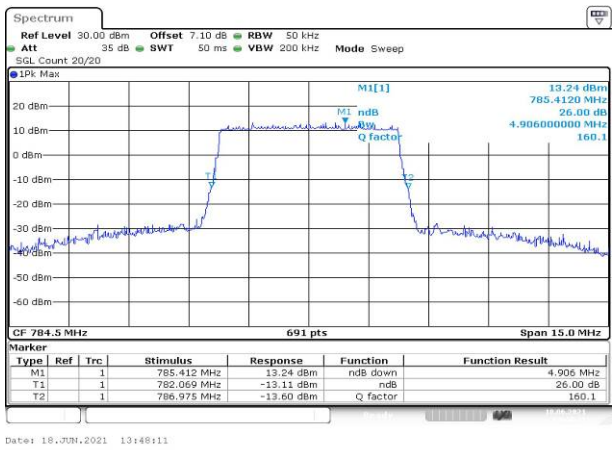

Fig.9

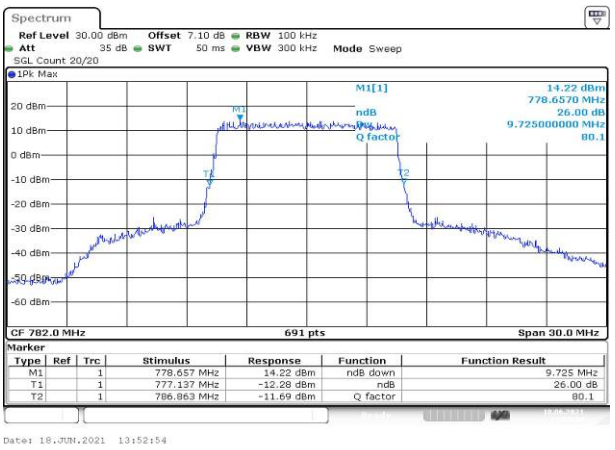

Fig.10

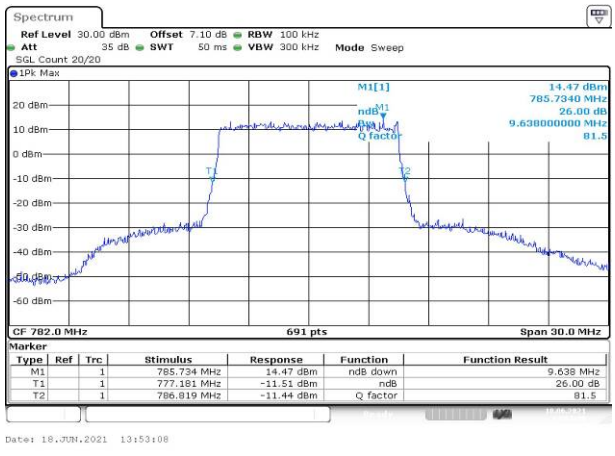

Fig.11

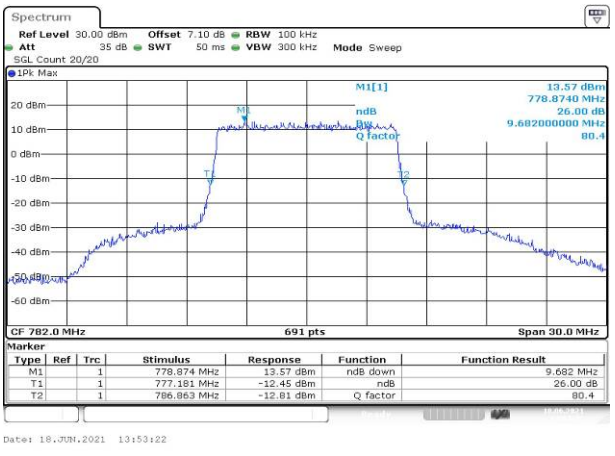

Fig.12

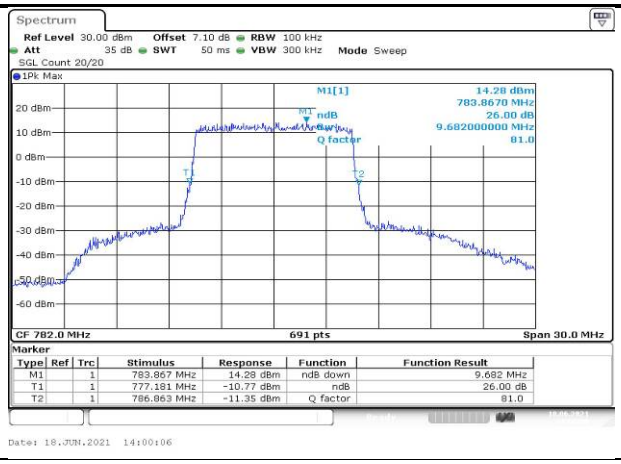

Fig.13

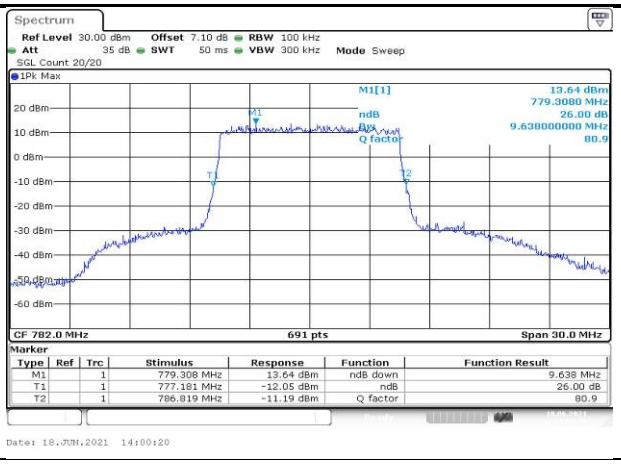

Fig.14

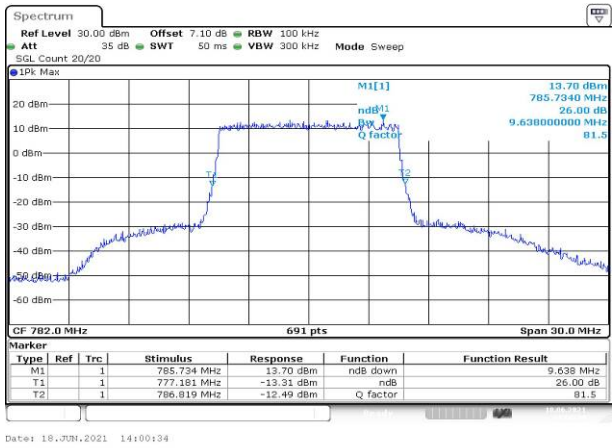

Fig.15

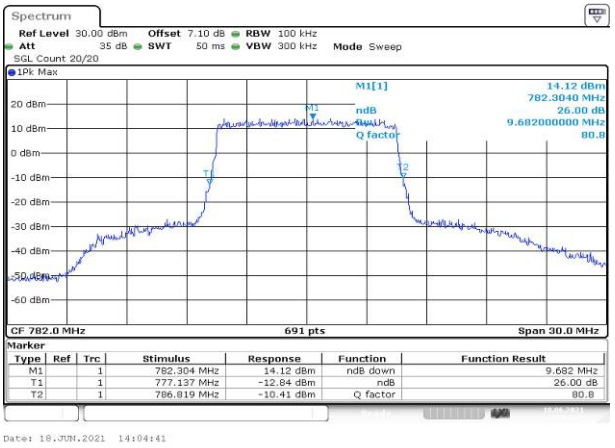

Fig.16

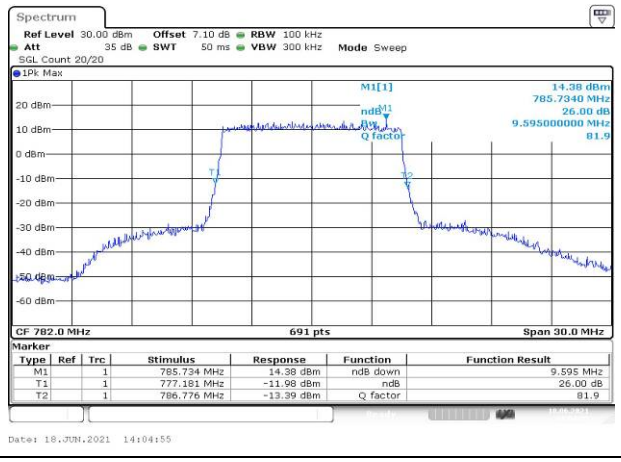

Fig.17

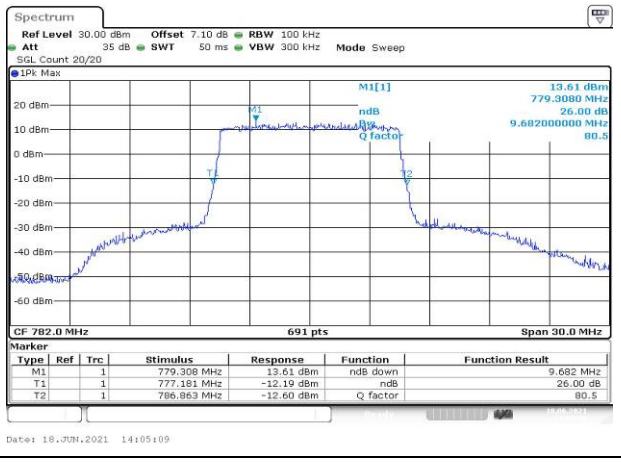

Fig.18

4 Peak-Average Ratio

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	QPSK	16-QAM	64-QAM
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
	782	23230		1	49	Fig.25	Fig.26	Fig.27
	782	23230		50	0	Fig.28	Fig.29	Fig.30
	782	23230		1	49	Fig.31	Fig.32	Fig.33
	782	23230		50	0	Fig.34	Fig.35	Fig.36