APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 12

1 RF Power Output

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	699.7	23017	1.4	1	0	24.34
				1	3	24.38
				1	5	24.36
				3	0	24.16
				3	1	24.19
				3	3	24.18
				6	0	24.24
	707.5	23095		1	0	24.97
				1	3	24.94
				1	5	24.94
				3	0	25.13
				3	1	25.15
				3	3	25.15
				6	0	24.01
	715.3	23173		1	0	25.35
				1	3	25.51
				1	5	25.49
				3	0	25.14
				3	1	25.26
				3	3	25.25
				6	0	24.04
16QAM	699.7	23017		1	0	24.35
				1	3	24.32
				1	5	24.32
				3	0	24.24
				3	1	24.30
				3	3	24.30
				6	0	23.08
	707.5	23095		1	0	24.63
				1	3	24.71
				1	5	24.71
				3	0	23.98
				3	1	24.03
				3	3	24.03
				6	0	23.32
	715.3	23173		1	0	23.88
				1	3	24.17
				1	5	24.16
				3	0	23.71
				3	1	23.70
				3	3	23.70
				6	0	22.68

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	699.7	23017	1.4	1	0	23.08
				1	3	23.08
				1	5	23.08
				3	0	23.08
				3	1	23.07
				3	3	23.17
				6	0	23.16
	707.5	23095		1	0	23.32
				1	3	23.32
				1	5	23.32
				3	0	23.32
				3	1	23.33
				3	3	23.06
				6	0	23.06
	715.3	23173		1	0	22.68
				1	3	22.69
				1	5	22.69
				3	0	22.69
				3	1	22.69
				3	3	22.69
				6	0	22.69

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	700.5	23025	3	1	0	23.93
				1	8	24.03
				1	14	24.02
				8	0	24.30
				8	4	24.23
				8	7	24.23
				15	0	24.17
	707.5	23095		1	0	25.09
				1	8	25.04
				1	14	25.04
				8	0	24.07
				8	4	24.11
				8	7	24.11
				15	0	24.10
	714.5	23165		1	0	25.09
				1	8	25.08
				1	14	25.07
				8	0	24.15
				8	4	24.07
				8	7	24.07
				15	0	24.11
16QAM	700.5	23025		1	0	24.61
				1	8	24.04
				1	14	24.04
				8	0	23.08
				8	4	23.05
				8	7	23.05
				15	0	23.13
	707.5	23095		1	0	24.93
				1	8	24.27
				1	14	24.27
				8	0	23.36
				8	4	23.40
				8	7	23.40
				15	0	23.34
	714.5	23165		1	0	24.13
				1	8	23.96
				1	14	23.96
				8	0	23.01
				8	4	22.99
				8	7	23.09
				15	0	23.22

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	700.5	23025	3	1	0	23.13
				1	8	23.13
				1	14	23.13
				8	0	23.13
				8	4	23.13
				8	7	23.13
				15	0	23.13
	707.5	23095		1	0	23.34
				1	8	23.34
				1	14	23.34
				8	0	23.34
				8	4	23.34
				8	7	23.34
				15	0	23.34
	714.5	23165		1	0	23.22
				1	8	23.22
				1	14	23.22
				8	0	23.21
				8	4	23.21
				8	7	23.22
				15	0	23.22

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	701.5	23035	5	1	0	24.16
				1	12	23.90
				1	24	23.90
				12	0	24.15
				12	7	24.09
				12	13	24.09
				25	0	24.13
	707.5	23095		1	0	25.37
				1	12	24.72
				1	24	25.14
				12	0	24.09
				12	7	23.94
				12	13	23.94
				25	0	24.04
	713.5	23155		1	0	25.12
				1	12	25.20
				1	24	25.10
				12	0	23.95
				12	7	24.03
				12	13	24.02
				25	0	24.04
16QAM	701.5	23035		1	0	24.13
				1	12	24.06
				1	24	24.06
				12	0	23.27
				12	7	23.17
				12	13	23.17
				25	0	23.30
	707.5	23095		1	0	24.46
				1	12	24.53
				1	24	24.53
				12	0	23.14
				12	7	23.01
				12	13	23.02
				25	0	23.03
	713.5	23155		1	0	23.76
				1	12	23.69
				1	24	23.78
				12	0	23.02
				12	7	22.88
				12	13	22.88
				25	0	23.21

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	701.5	23035	5	1	0	23.30
				1	12	23.29
				1	24	23.30
				12	0	23.30
				12	7	23.29
				12	13	23.29
				25	0	23.30
	707.5	23095		1	0	23.03
				1	12	23.03
				1	24	23.03
				12	0	23.03
				12	7	23.03
				12	13	23.03
				25	0	23.03
	713.5	23155		1	0	23.21
				1	12	23.21
				1	24	23.21
				12	0	23.21
				12	7	23.21
				12	13	23.21
				25	0	23.21

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	704	23060	10	1	0	23.99
				1	25	23.85
				1	49	23.84
				25	0	24.14
				25	12	24.21
				25	25	24.21
				50	0	24.11
	707.5	23095		1	0	25.01
				1	25	25.13
				1	49	25.22
				25	0	24.18
				25	12	23.98
				25	25	23.98
				50	0	24.08
	711	23130		1	0	25.48
				1	25	24.99
				1	49	24.98
				25	0	24.14
				25	12	24.10
				25	25	24.10
				50	0	24.12
16QAM	704	23060		1	0	24.62
				1	25	24.30
				1	49	24.29
				25	0	23.18
				25	12	23.25
				25	25	23.25
				50	0	23.10
	707.5	23095		1	0	24.43
				1	25	24.63
				1	49	24.63
				25	0	23.11
				25	12	23.16
				25	25	23.17
				50	0	23.18
	711	23130		1	0	24.42
				1	25	23.83
				1	49	23.82
				25	0	23.32
				25	12	23.21
				25	25	23.21
				50	0	23.25

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	704	23060	10	1	0	23.09
				1	25	23.10
				1	49	23.10
				25	0	23.09
				25	12	23.10
				25	25	23.10
				50	0	23.09
	707.5	23095		1	0	23.19
				1	25	23.18
				1	49	23.18
				25	0	23.18
				25	12	23.18
				25	25	23.19
				50	0	23.18
	711	23130		1	0	23.16
				1	25	23.17
				1	49	23.17
				25	0	23.16
				25	12	23.16
				25	25	23.17
				50	0	23.16

2 Occupied Bandwidth

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)					
						QPSK		16-QAM		64-QAM	
12	699.7	23017	1.4	6	0	1.082	Fig.1	1.094	Fig.2	1.088	Fig.3
	707.5	23095		6	0	1.082	Fig.4	1.082	Fig.5	1.082	Fig.6
	715.3	23173		6	0	1.088	Fig.7	1.088	Fig.8	1.094	Fig.9
	700.5	23025	3	15	0	2.683	Fig.10	2.683	Fig.11	2.683	Fig.12
	707.5	23095		15	0	2.683	Fig.13	2.696	Fig.14	2.683	Fig.15
	714.5	23165		15	0	2.696	Fig.16	2.696	Fig.17	2.696	Fig.18
	701.5	23035	5	25	0	4.472	Fig.19	4.472	Fig.20	4.472	Fig.21
	707.5	23095		25	0	4.472	Fig.22	4.472	Fig.23	4.472	Fig.24
	713.5	23155		25	0	4.472	Fig.25	4.472	Fig.26	4.472	Fig.27
	704	23060	10	50	0	8.944	Fig.28	8.944	Fig.29	8.944	Fig.30
	707.5	23095		50	0	8.944	Fig.31	8.987	Fig.32	8.987	Fig.33
	711	23130		50	0	8.944	Fig.34	8.944	Fig.35	8.944	Fig.36

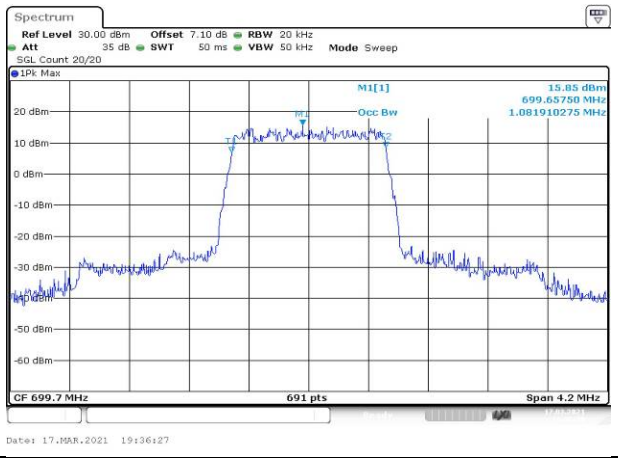


Fig.1

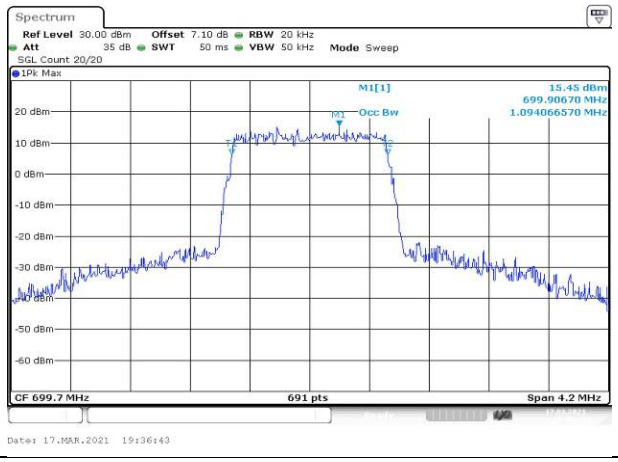


Fig.2

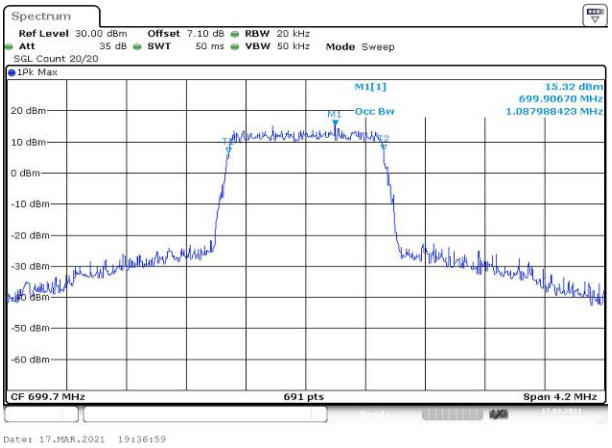


Fig.3

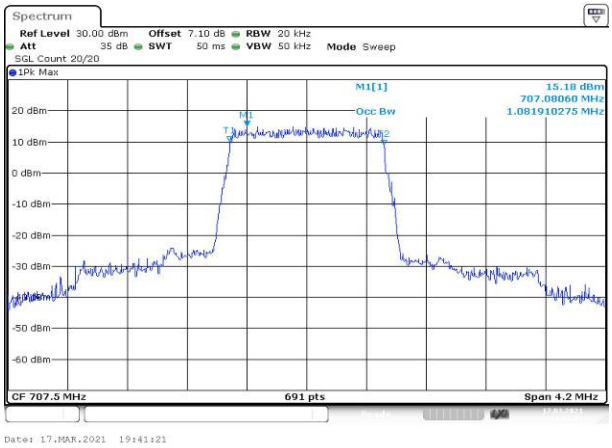


Fig.4

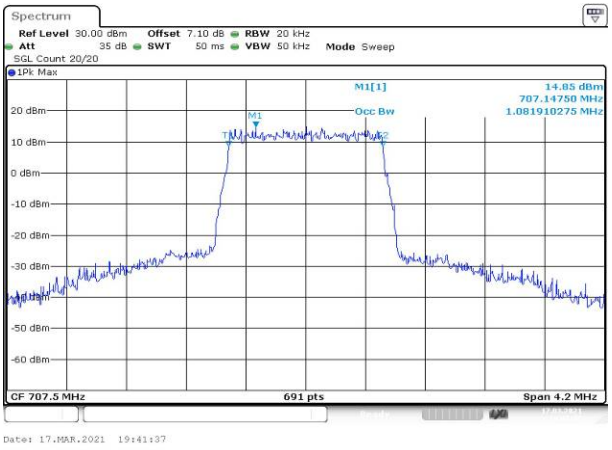


Fig.5

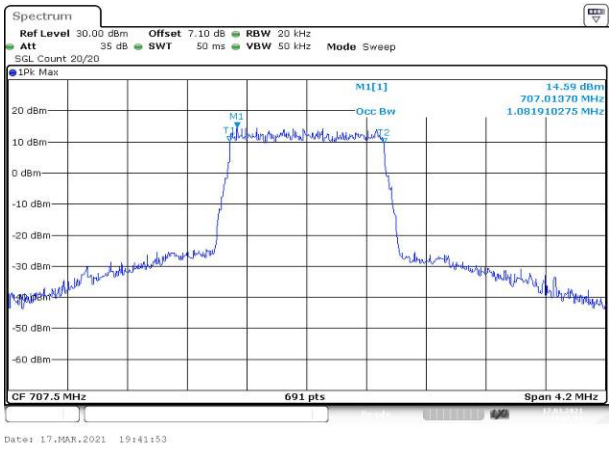


Fig.6

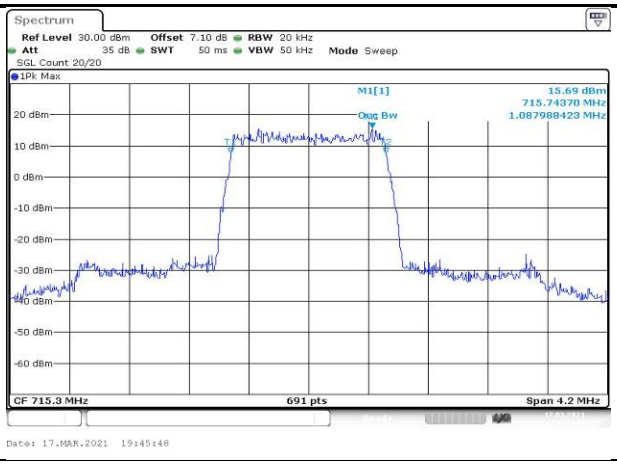


Fig.7

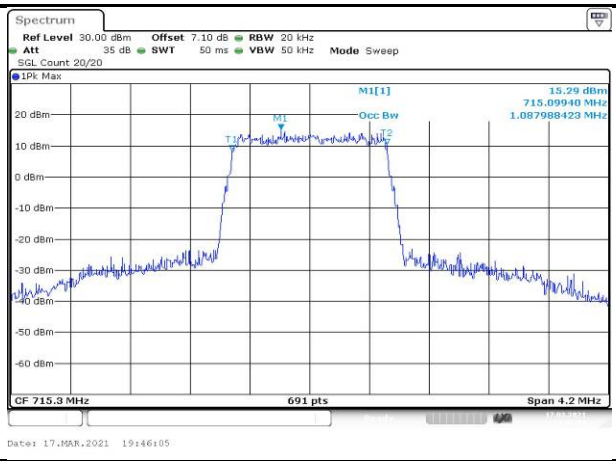


Fig.8

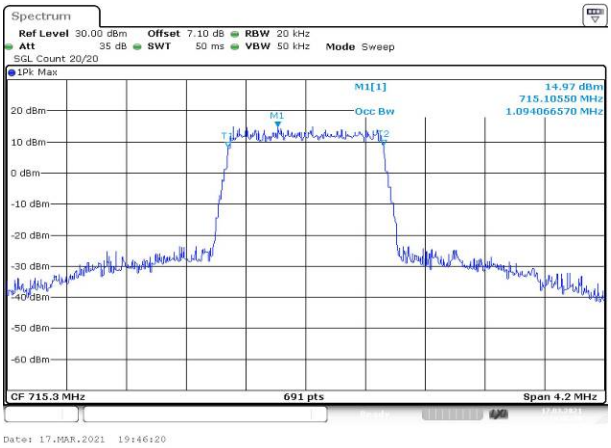


Fig.9

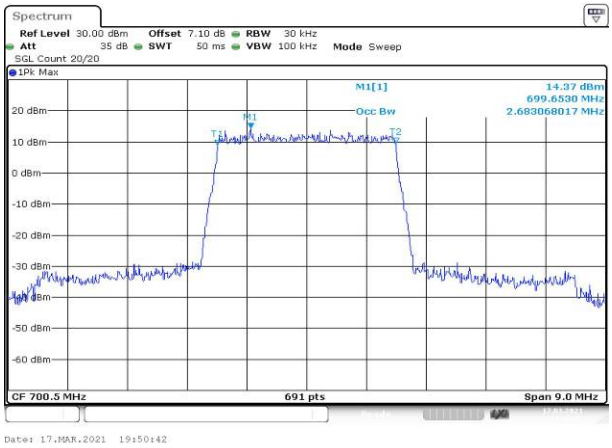


Fig.10

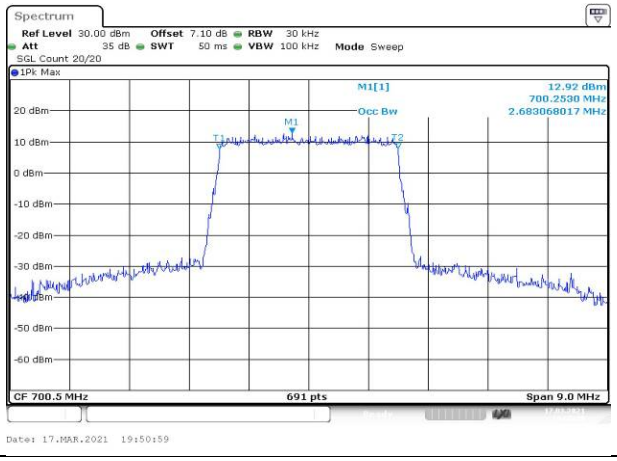


Fig.11

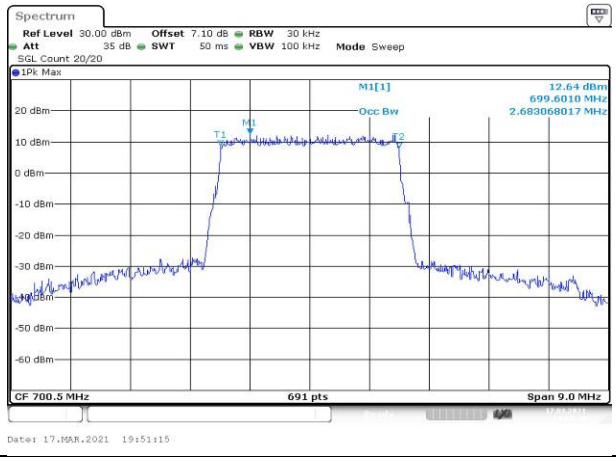


Fig.12

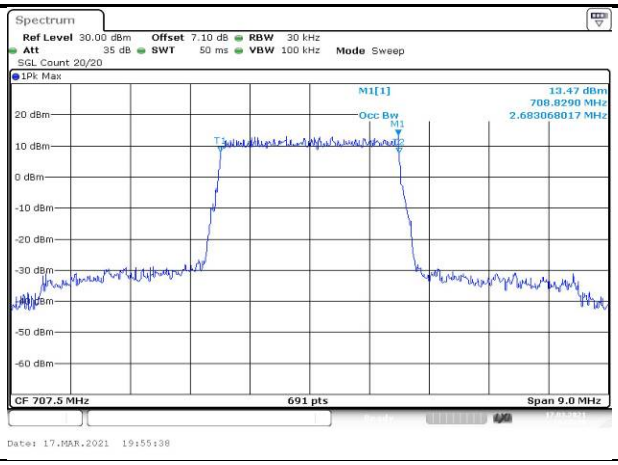


Fig.13

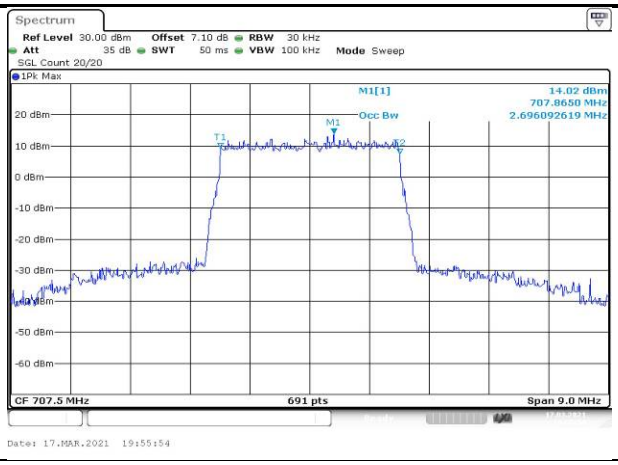


Fig.14

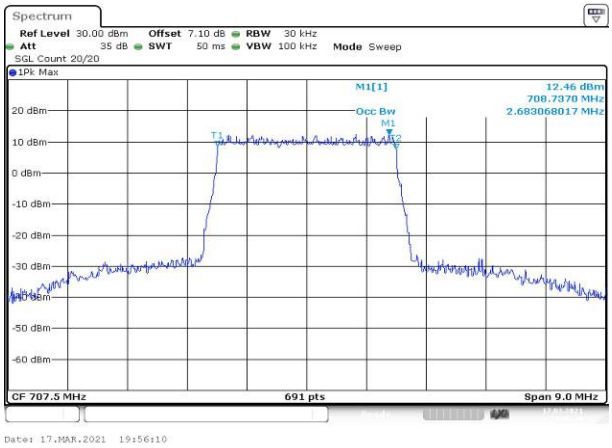


Fig.15

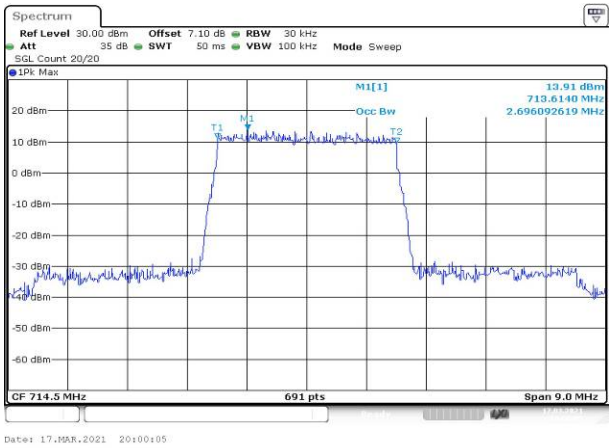


Fig.16

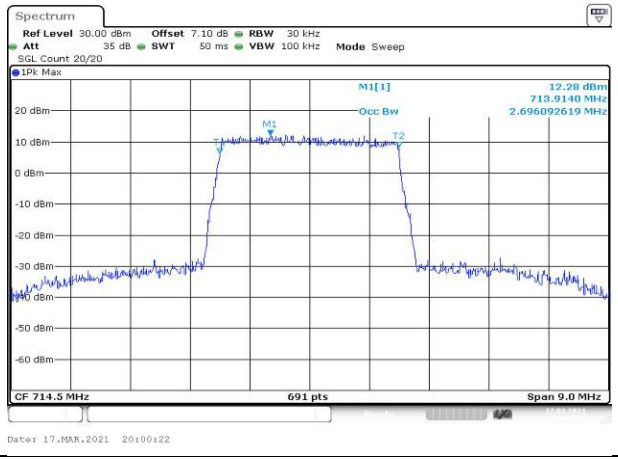


Fig.17

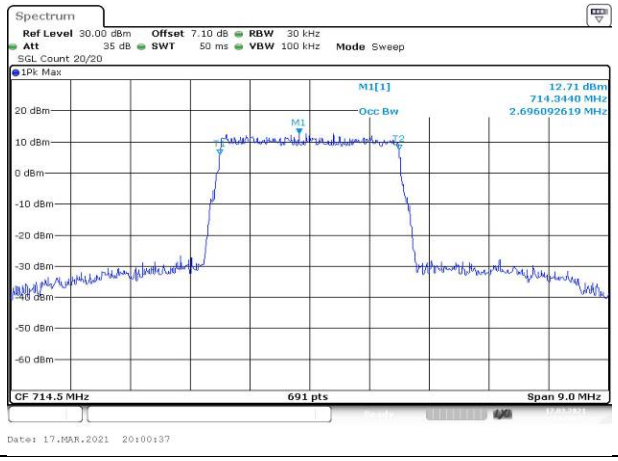


Fig.18

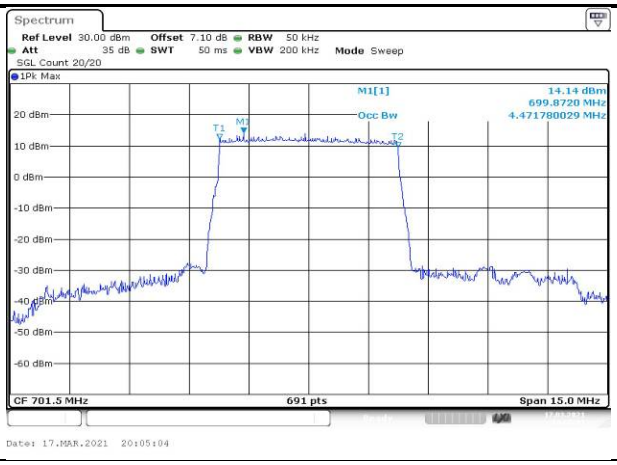


Fig.19

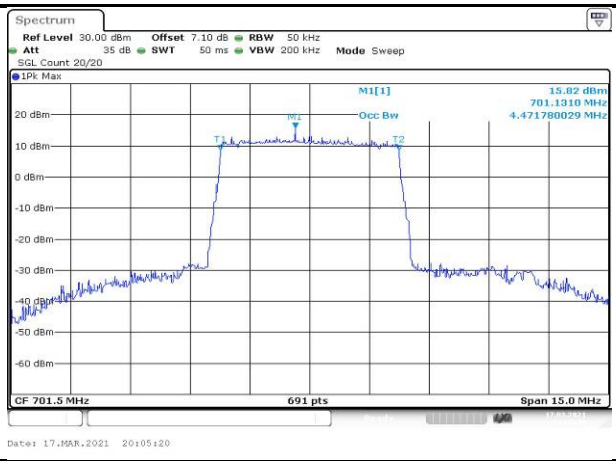


Fig.20

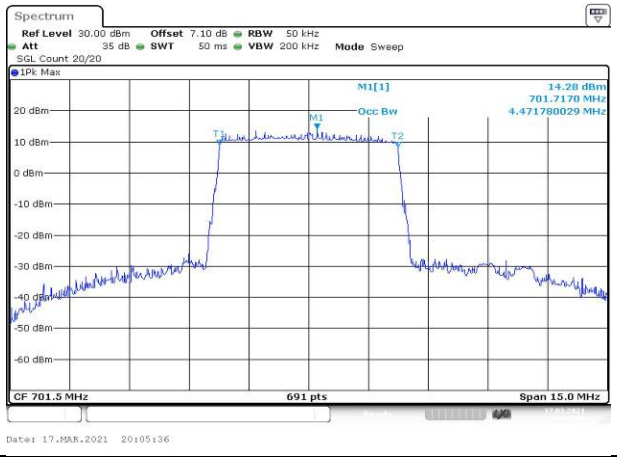


Fig.21

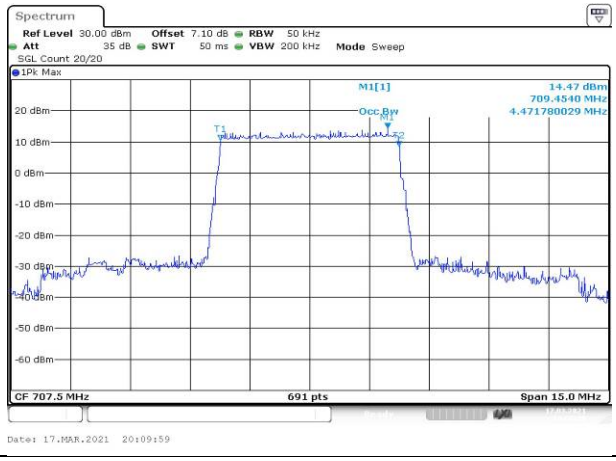


Fig.22

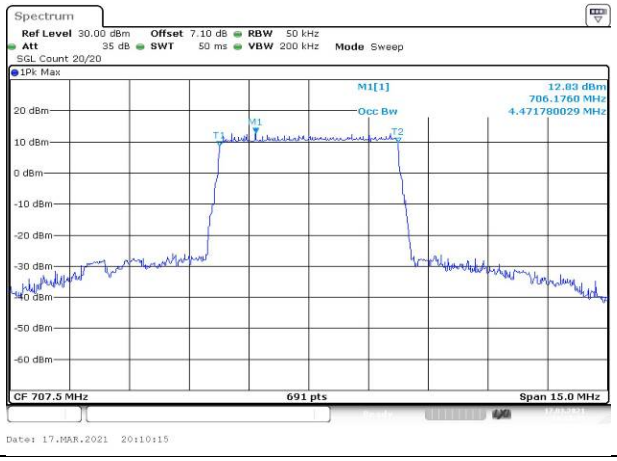


Fig.23

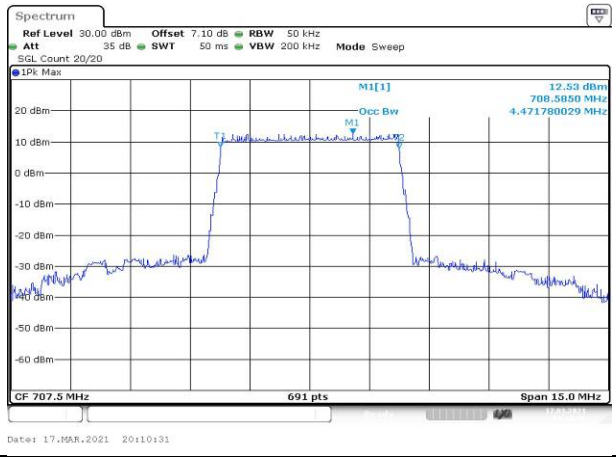
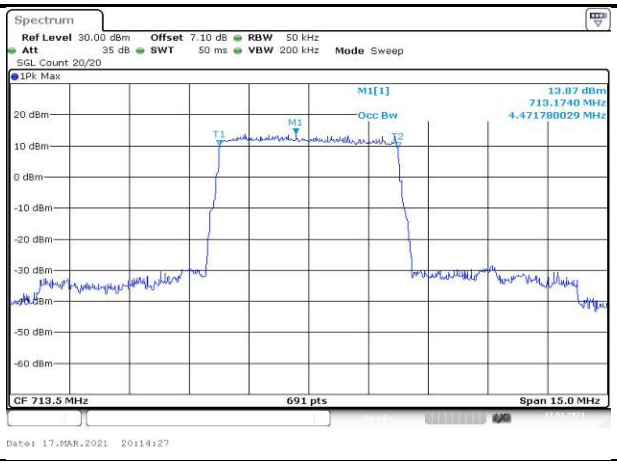


Fig.24



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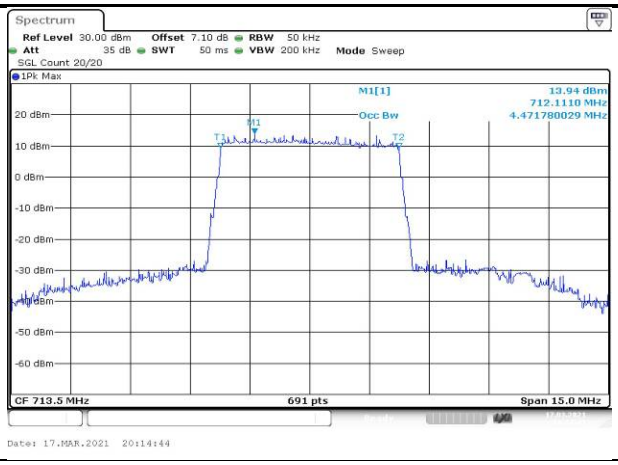

Fig.26

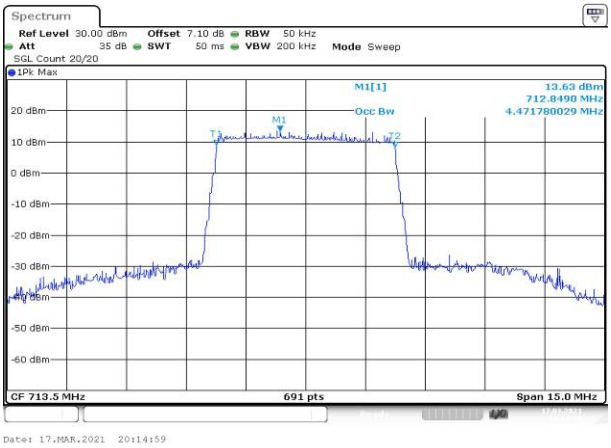

Fig.27

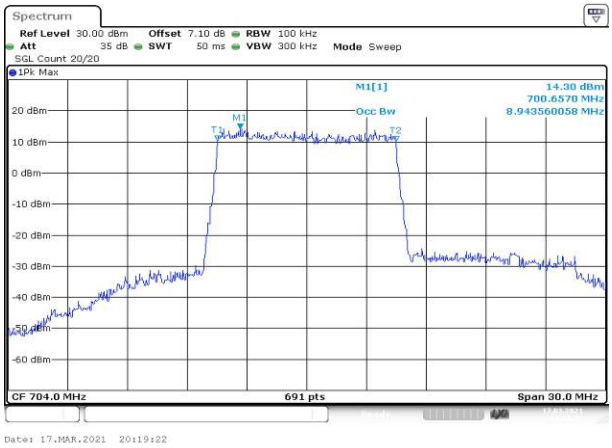

Fig.28

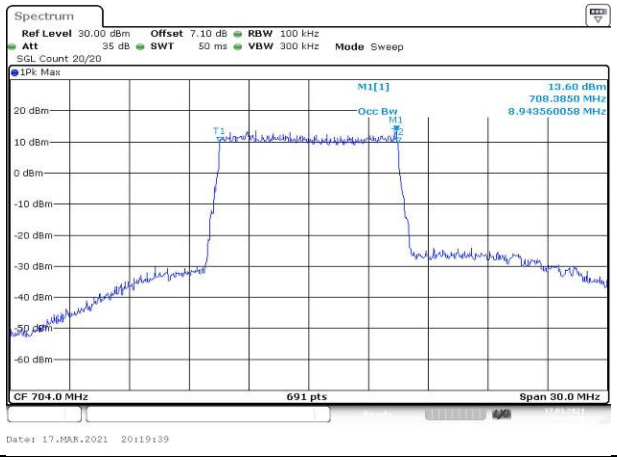

Fig.29

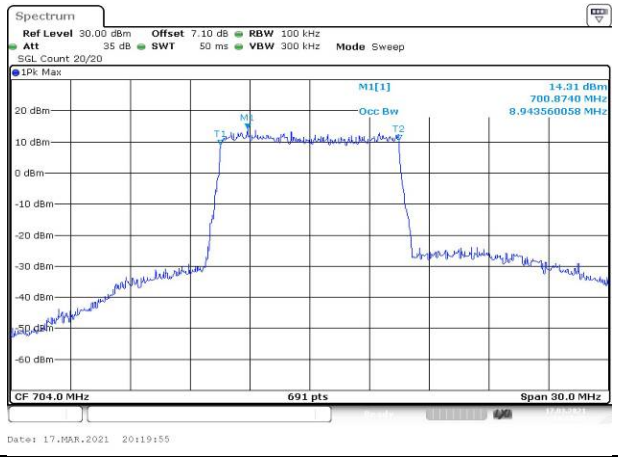

Fig.30

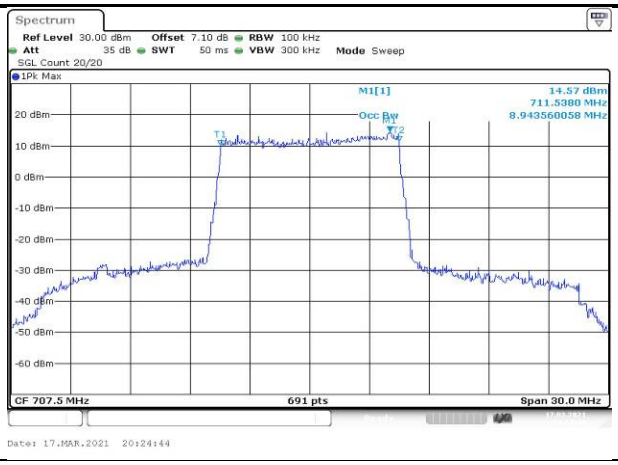

Fig.31

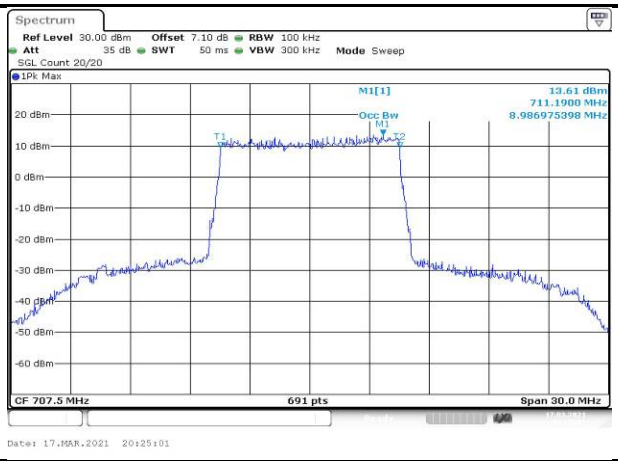

Fig.32

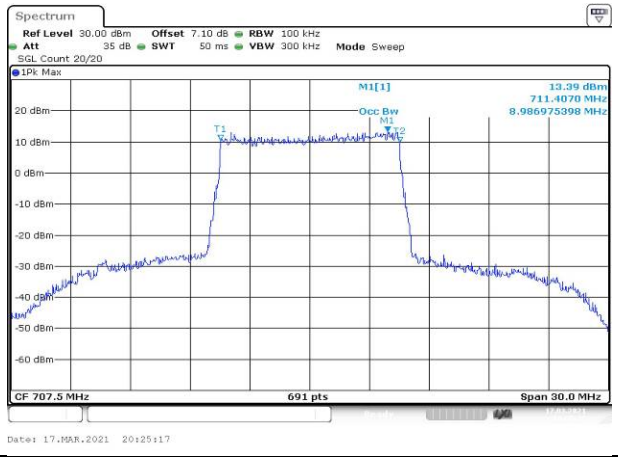

Fig.33

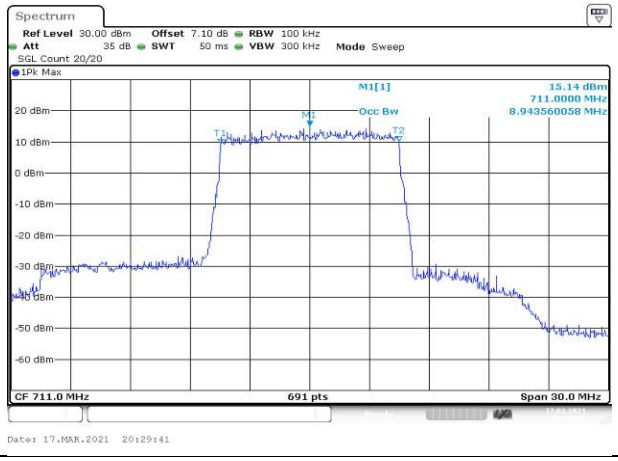

Fig.34

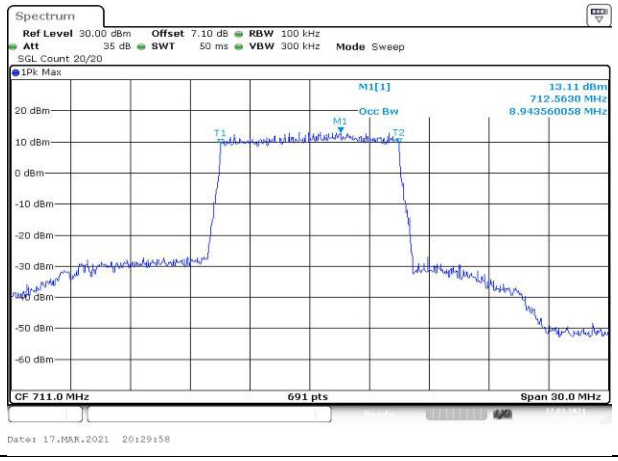

Fig.35

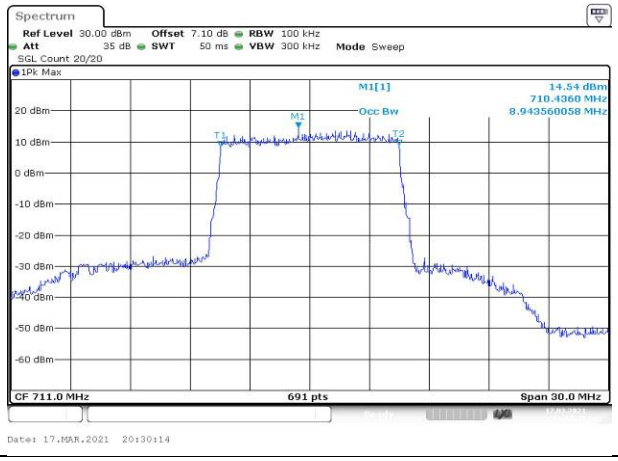

Fig.36

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	
12	699.7	23017	1.4	6	0	1.228	Fig.1	1.234	Fig.2	1.240	Fig.3
	707.5	23095		6	0	1.228	Fig.4	1.228	Fig.5	1.228	Fig.6
	715.3	23173		6	0	1.228	Fig.7	1.222	Fig.8	1.222	Fig.9
	700.5	23025	3	15	0	2.970	Fig.10	2.970	Fig.11	2.931	Fig.12
	707.5	23095		15	0	2.957	Fig.13	2.983	Fig.14	2.983	Fig.15
	714.5	23165		15	0	2.996	Fig.16	2.970	Fig.17	2.957	Fig.18
	701.5	23035	5	25	0	4.863	Fig.19	4.841	Fig.20	4.841	Fig.21
	707.5	23095		25	0	4.906	Fig.22	4.906	Fig.23	4.884	Fig.24
	713.5	23155		25	0	4.884	Fig.25	4.906	Fig.26	4.863	Fig.27
	704	23060	10	50	0	9.638	Fig.28	9.725	Fig.29	9.682	Fig.30
	707.5	23095		50	0	9.682	Fig.31	9.682	Fig.32	9.725	Fig.33
	711	23130		50	0	9.595	Fig.34	9.768	Fig.35	9.682	Fig.36

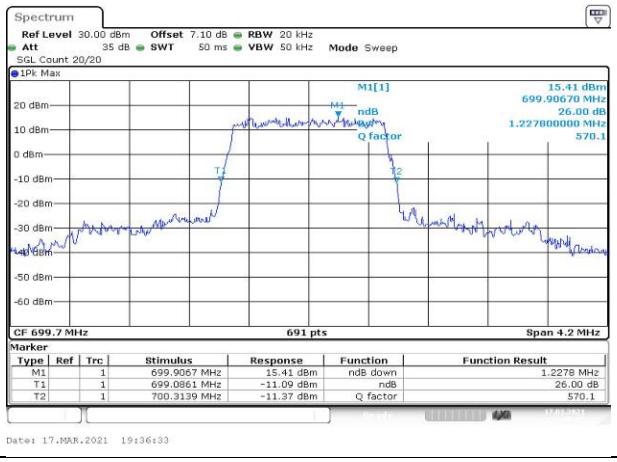

Fig.1

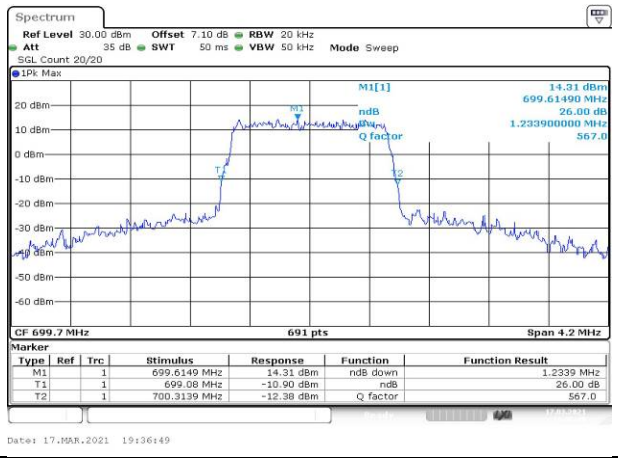

Fig.2

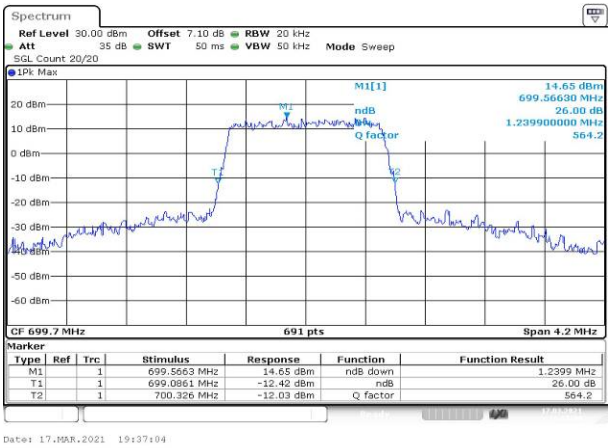

Fig.3

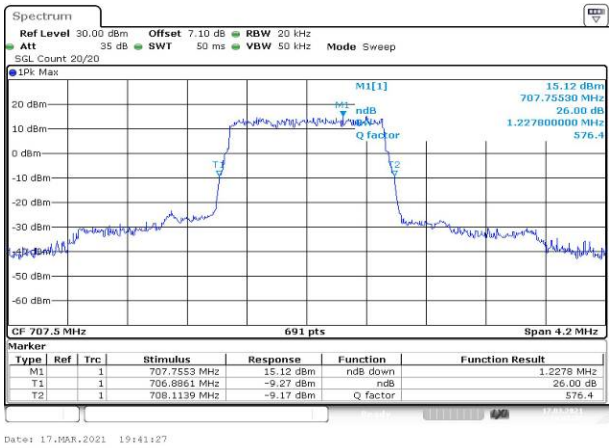

Fig.4

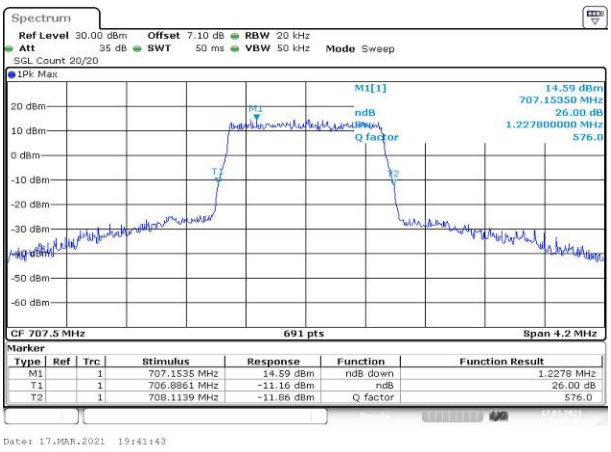

Fig.5

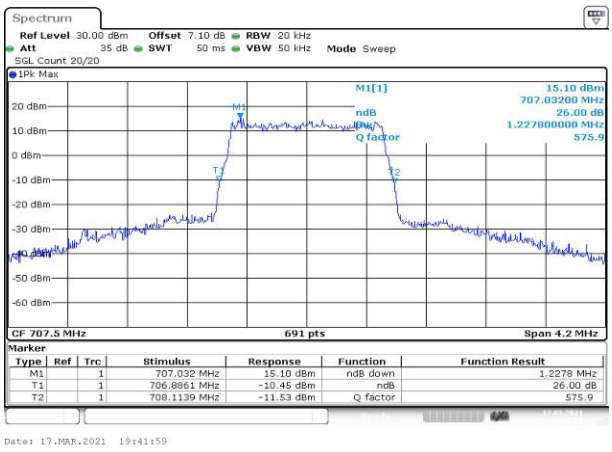

Fig.6