APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 41

1 RF Power Output

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2498.5	39675	5	1	0	23.46
				1	12	23.53
				1	24	23.40
				12	0	22.54
				12	7	22.47
				12	13	22.47
				25	0	21.53
	2593	40620		1	0	23.61
				1	12	23.58
				1	24	23.58
				12	0	22.62
				12	7	22.56
				12	13	22.56
				25	0	21.54
	2687.5	41565		1	0	23.32
				1	12	23.32
				1	24	23.35
				12	0	22.38
				12	7	22.42
				12	13	22.38
				25	0	21.47
16QAM	2498.5	39675		1	0	22.98
				1	12	22.86
				1	24	22.86
				12	0	21.42
				12	7	21.38
				12	13	21.51
				25	0	20.52
	2593	40620		1	0	22.95
				1	12	22.82
				1	24	22.82
				12	0	21.41
				12	7	21.32
				12	13	21.34
				25	0	21.35
	2687.5	41565		1	0	22.83
				1	12	22.81
				1	24	22.82
				12	0	21.41
				12	7	21.27
				12	13	21.25
				25	0	21.32

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	2498.5	39675	5	1	0	21.56
				1	12	21.56
				1	24	21.47
				12	0	20.58
				12	7	20.49
				12	13	20.51
				25	0	19.54
	2593	40620		1	0	21.58
				1	12	21.44
				1	24	21.55
				12	0	20.44
				12	7	20.57
				12	13	20.44
				25	0	19.54
	2687.5	41565		1	0	21.83
				1	12	21.82
				1	24	21.72
				12	0	20.95
				12	7	20.81
				12	13	20.81
				25	0	19.94

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2501	39700	10	1	0	23.63
				1	25	23.48
				1	49	23.48
				25	0	22.61
				25	12	22.56
				25	25	22.55
				50	0	21.59
	2593	40620		1	0	23.47
				1	25	23.36
				1	49	23.50
				25	0	22.69
				25	12	22.57
				25	25	22.63
				50	0	21.59
	2685	41540		1	0	23.42
				1	25	23.42
				1	49	23.42
				25	0	22.40
				25	12	22.51
				25	25	22.50
				50	0	22.43
16QAM	2501	39700		1	0	22.94
				1	25	22.81
				1	49	22.81
				25	0	21.63
				25	12	21.63
				25	25	21.60
				50	0	20.62
	2593	40620		1	0	22.60
				1	25	22.65
				1	49	22.85
				25	0	21.71
				25	12	21.55
				25	25	21.59
				50	0	20.56
	2685	41540		1	0	22.49
				1	25	22.47
				1	49	22.43
				25	0	21.45
				25	12	21.51
				25	25	21.51
				50	0	21.41

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	2501	39700	10	1	0	21.53
				1	25	21.58
				1	49	21.53
				25	0	20.65
				25	12	20.53
				25	25	20.61
				50	0	19.57
	2593	40620		1	0	21.63
				1	25	21.59
				1	49	21.56
				25	0	20.57
				25	12	20.67
				25	25	20.57
				50	0	19.56
	2685	41540		1	0	21.44
				1	25	21.43
				1	49	21.51
				25	0	20.45
				25	12	20.43
				25	25	20.47
				50	0	20.47

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2503.5	39725	15	1	0	23.45
				1	37	23.25
				1	74	23.17
				36	0	22.40
				36	29	22.49
				36	30	22.47
				75	0	22.47
	2593	40620		1	0	23.46
				1	37	23.42
				1	74	23.49
				36	0	22.48
				36	29	22.54
				36	30	22.61
				75	0	21.58
	2682.5	41515		1	0	23.44
				1	37	23.38
				1	74	23.34
				36	0	22.52
				36	29	22.47
				36	30	22.43
				75	0	21.52
16QAM	2503.5	39725		1	0	22.82
				1	37	22.61
				1	74	22.64
				36	0	21.56
				36	29	21.48
				36	30	21.55
				75	0	20.56
	2593	40620		1	0	22.61
				1	37	22.68
				1	74	22.71
				36	0	21.56
				36	29	21.59
				36	30	21.52
				75	0	20.58
	2682.5	41515		1	0	22.66
				1	37	22.47
				1	74	22.47
				36	0	21.47
				36	29	21.50
				36	30	21.55
				75	0	21.49

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	2503.5	39725	15	1	0	21.53
				1	37	21.61
				1	74	21.65
				36	0	20.53
				36	29	20.53
				36	30	20.53
				75	0	19.61
	2593	40620		1	0	21.59
				1	37	21.59
				1	74	21.58
				36	0	20.58
				36	29	20.58
				36	30	20.58
				75	0	19.59
	2682.5	41515		1	0	21.52
				1	37	21.57
				1	74	21.53
				36	0	20.50
				36	29	20.52
				36	30	20.48
				75	0	20.49

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2506	39750	20	1	0	23.43
				1	49	23.31
				1	99	23.31
				50	0	22.53
				50	24	22.54
				50	50	22.46
				100	0	21.52
	2593	40620		1	0	23.61
				1	49	23.54
				1	99	23.54
				50	0	22.54
				50	24	22.60
				50	50	22.60
				100	0	21.65
	2680	41490		1	0	23.55
				1	49	23.48
				1	99	23.47
				50	0	22.53
				50	24	22.56
				50	50	22.54
				100	0	22.48
16QAM	2506	39750		1	0	22.73
				1	49	22.54
				1	99	22.57
				50	0	21.54
				50	24	22.48
				50	50	21.53
				100	0	20.57
	2593	40620		1	0	22.70
				1	49	22.61
				1	99	22.61
				50	0	21.54
				50	24	21.51
				50	50	21.58
				100	0	20.63
	2680	41490		1	0	22.72
				1	49	22.69
				1	99	22.70
				50	0	21.54
				50	24	21.58
				50	50	21.59
				100	0	21.45

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	2506	39750	20	1	0	21.57
				1	49	21.54
				1	99	21.56
				50	0	20.56
				50	24	20.57
				50	50	20.56
				100	0	19.56
	2593	40620		1	0	21.57
				1	49	21.59
				1	99	21.63
				50	0	20.66
				50	24	20.57
				50	50	20.57
				100	0	19.68
	2680	41490		1	0	21.55
				1	49	21.51
				1	99	21.52
				50	0	20.54
				50	24	20.51
				50	50	20.51
				100	0	20.54

2 Occupied Bandwidth

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)					
						QPSK		16-QAM		64-QAM	
41	2498.5	39675	5	25	0	4.450	Fig.1	4.450	Fig.2	4.472	Fig.3
	2593	40620		25	0	4.450	Fig.4	4.472	Fig.5	4.450	Fig.6
	2687.5	41565		25	0	4.472	Fig.7	4.472	Fig.8	4.472	Fig.9
	2501	39700	10	50	0	8.944	Fig.10	8.944	Fig.11	8.944	Fig.12
	2593	40620		50	0	8.944	Fig.13	8.944	Fig.14	8.944	Fig.15
	2685	41540		50	0	8.944	Fig.16	8.944	Fig.17	8.944	Fig.18
	2503.5	39725	15	75	0	13.480	Fig.19	13.480	Fig.20	13.415	Fig.21
	2593	40620		75	0	13.415	Fig.22	13.415	Fig.23	13.415	Fig.24
	2682.5	41515		75	0	13.415	Fig.25	13.415	Fig.26	13.415	Fig.27
	2506	39750	20	100	0	17.887	Fig.28	17.887	Fig.29	17.887	Fig.30
	2593	40620		100	0	17.800	Fig.31	17.800	Fig.32	17.887	Fig.33
	2680	41490		100	0	17.800	Fig.34	17.887	Fig.35	17.887	Fig.36

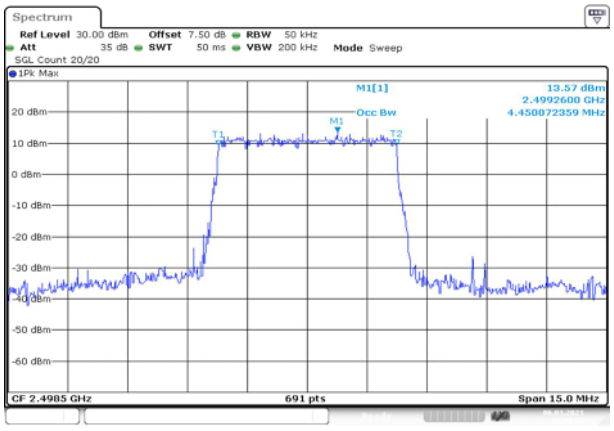


Fig.1

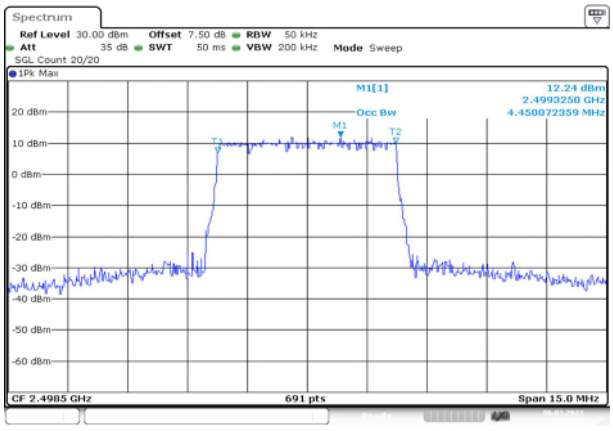


Fig.2

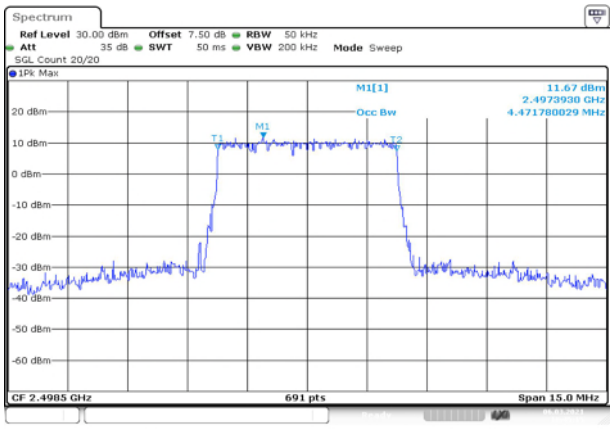


Fig.3

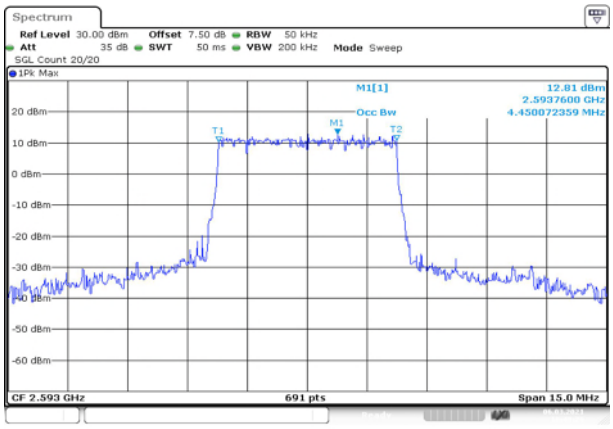


Fig.4

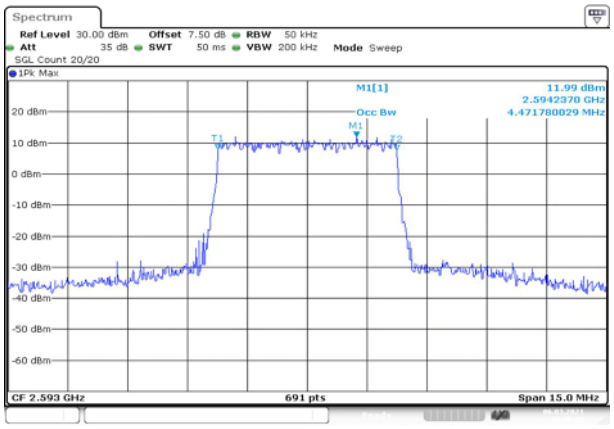


Fig.5

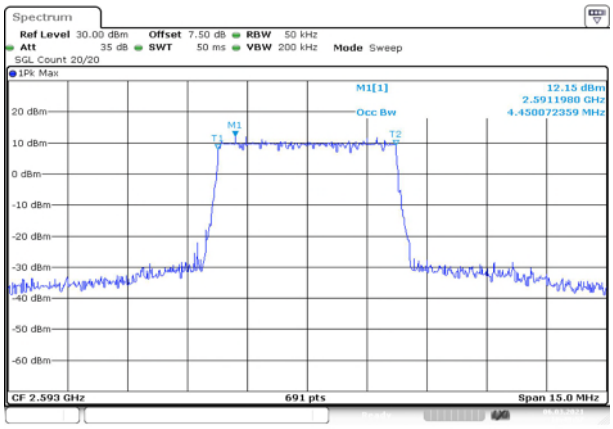


Fig.6

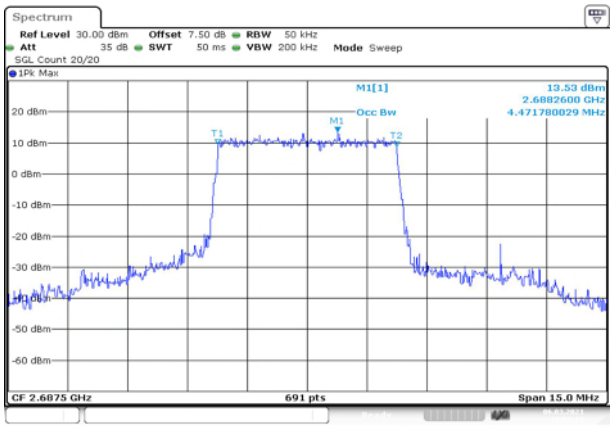


Fig.7

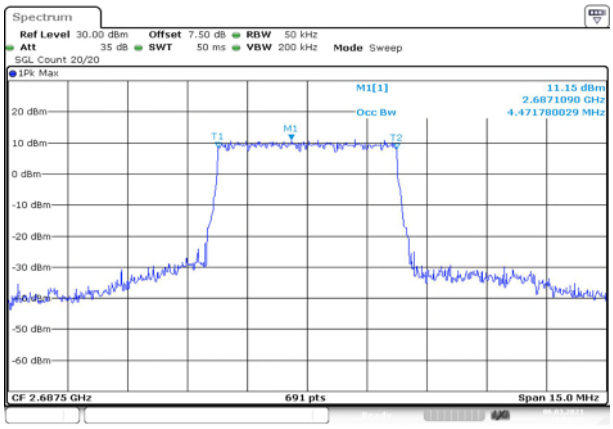


Fig.8

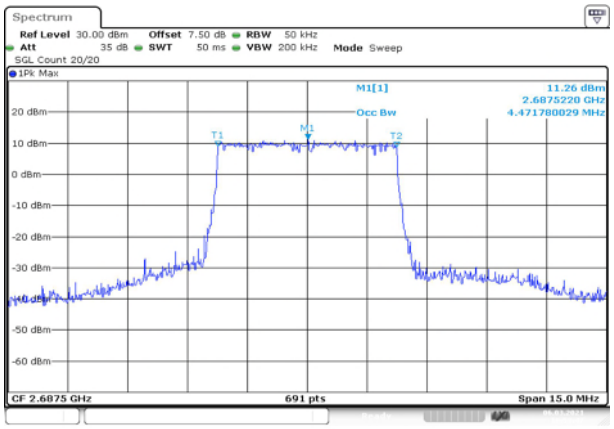


Fig.9

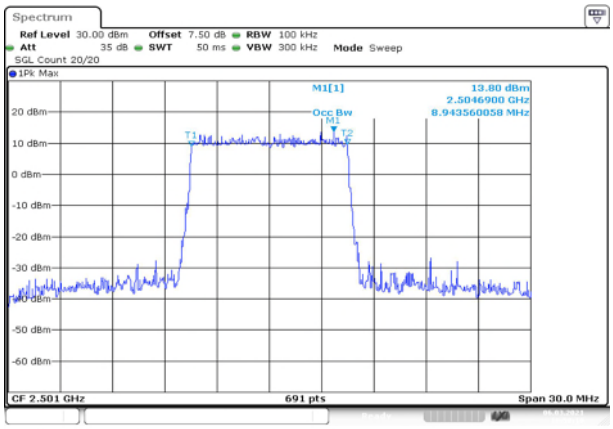


Fig.10

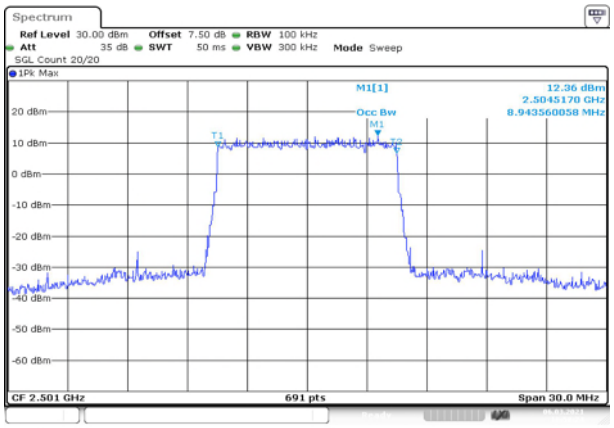


Fig.11

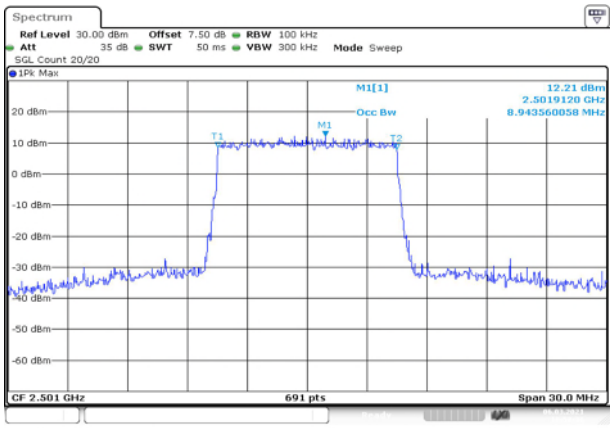


Fig.12

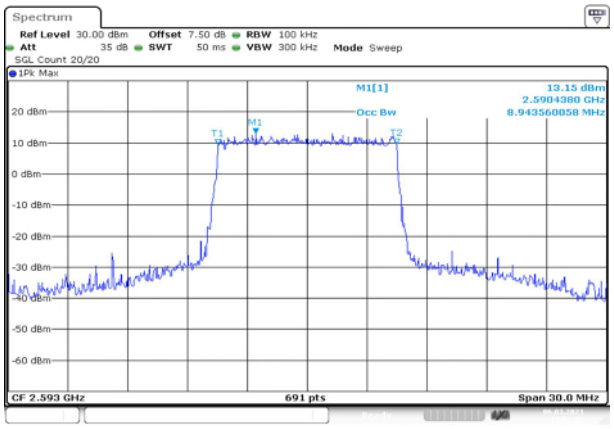


Fig.13

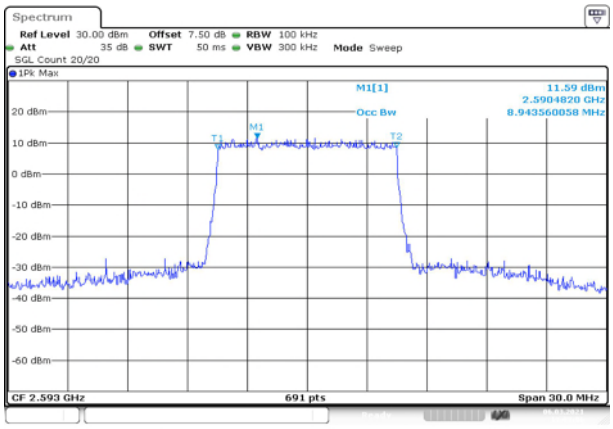


Fig.14

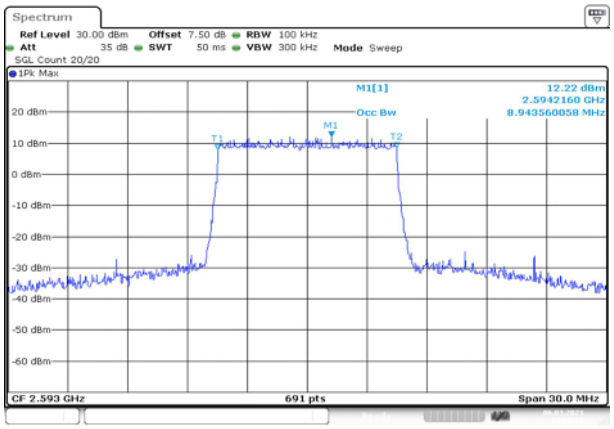


Fig.15

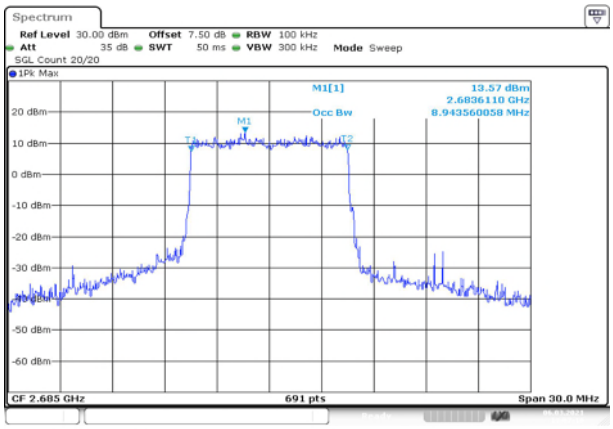


Fig.16

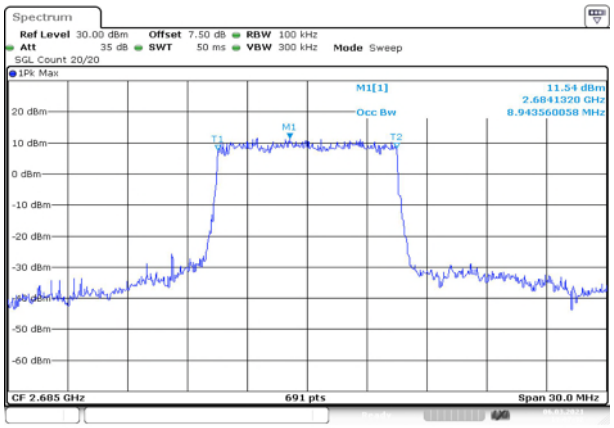


Fig.17

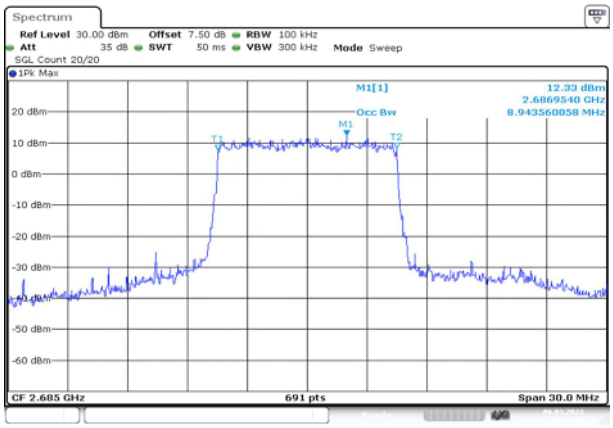


Fig.18

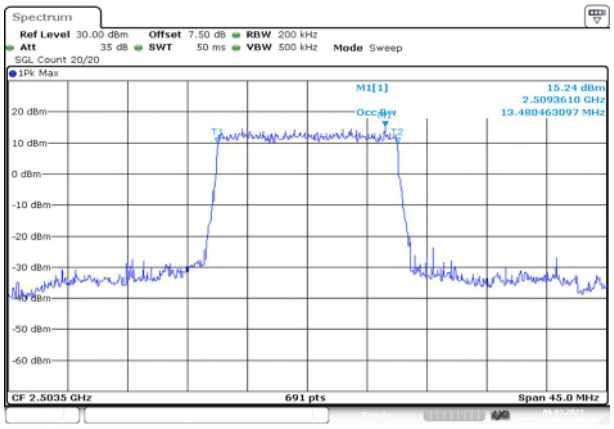


Fig.19

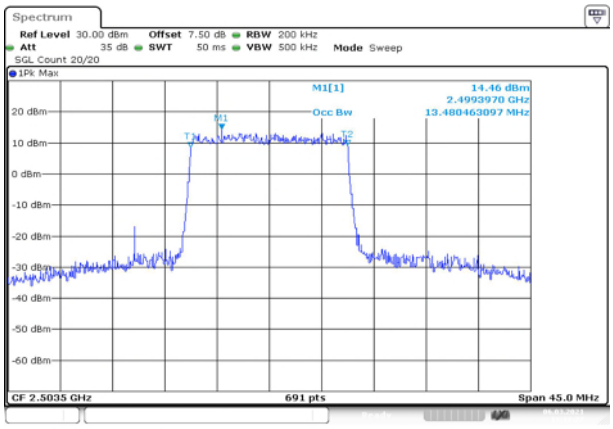


Fig.20

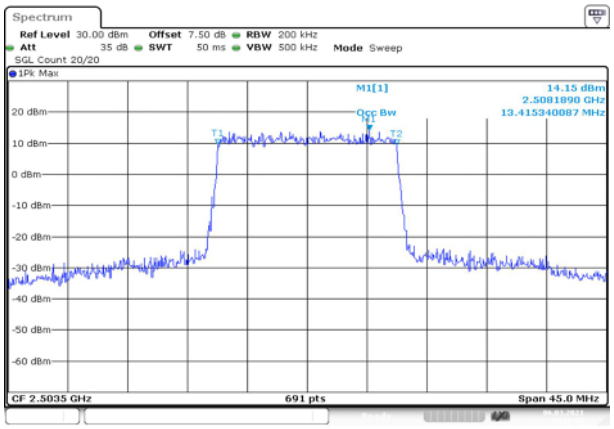


Fig.21

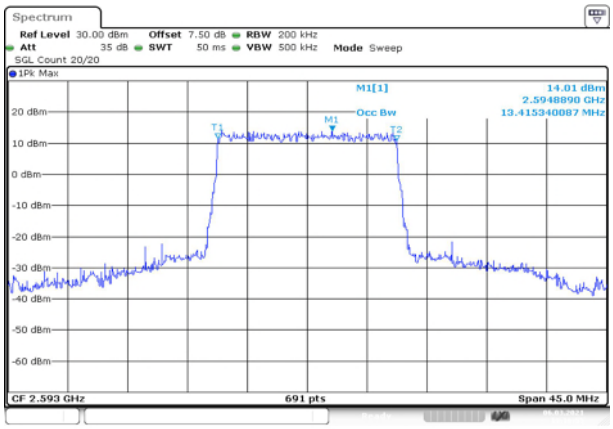
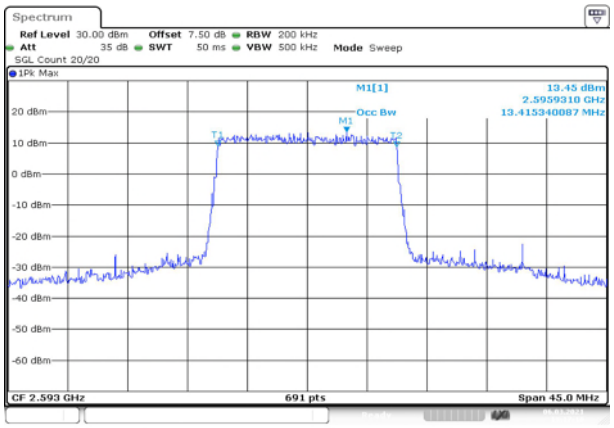


Fig.22



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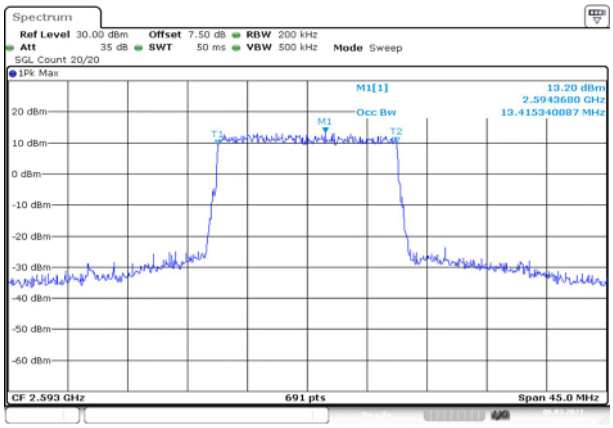

Fig.24

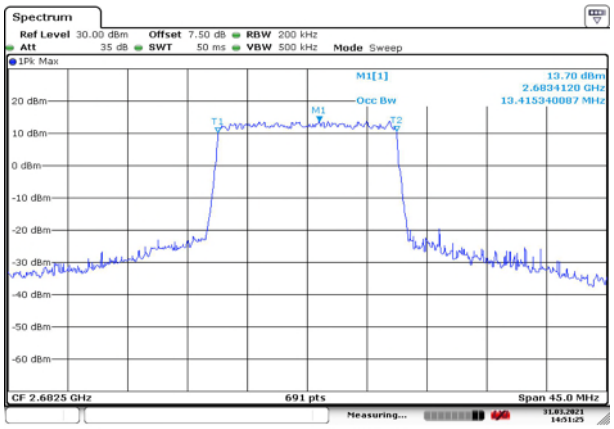

Fig.25

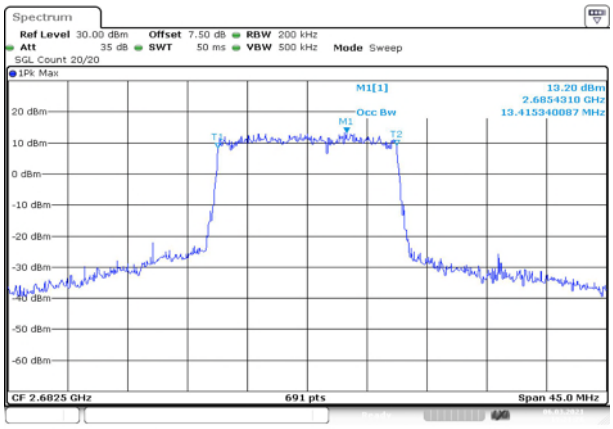

Fig.26

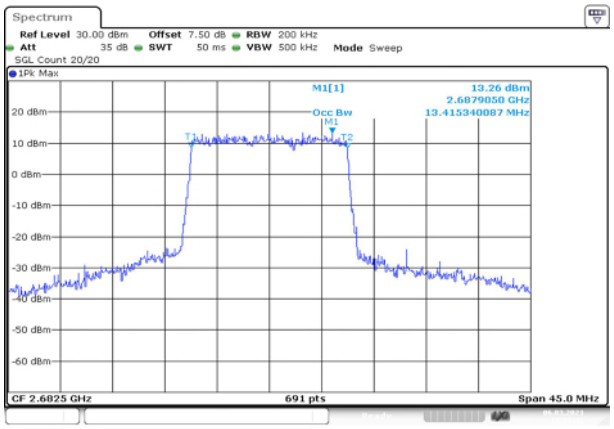

Fig.27

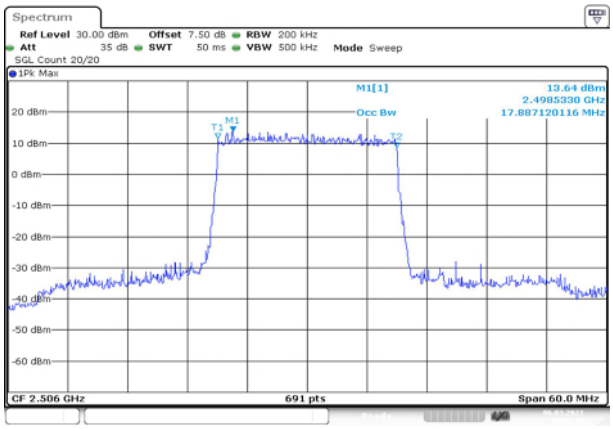

Fig.28

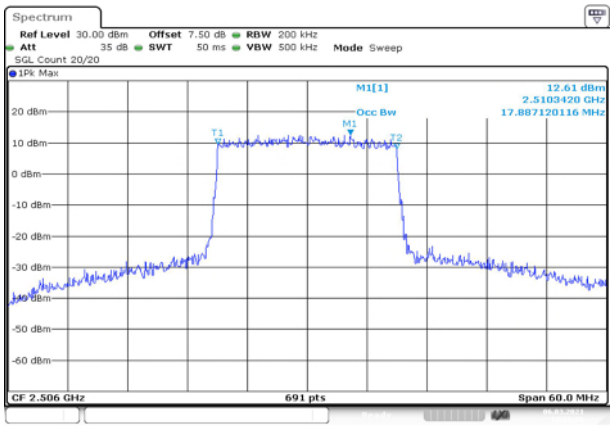

Fig.29

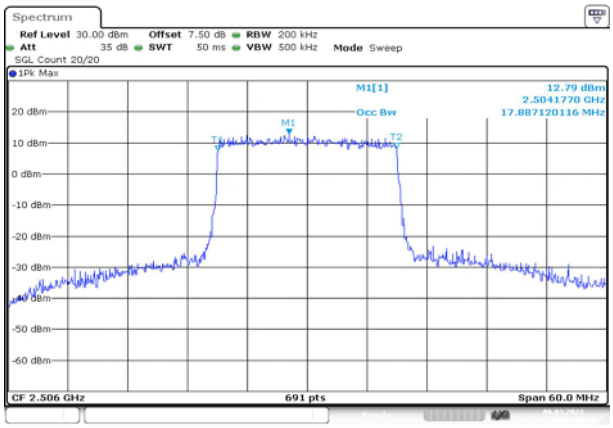

Fig.30

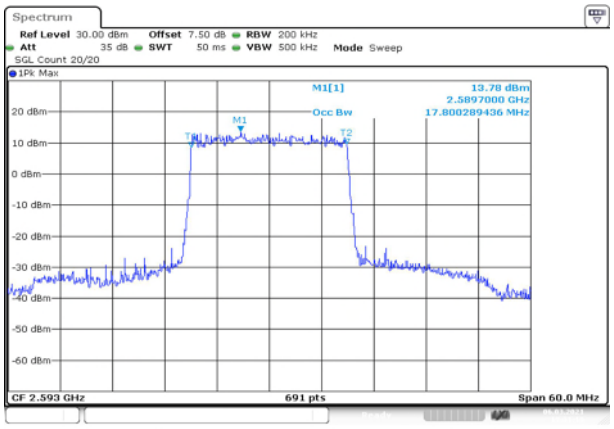

Fig.31

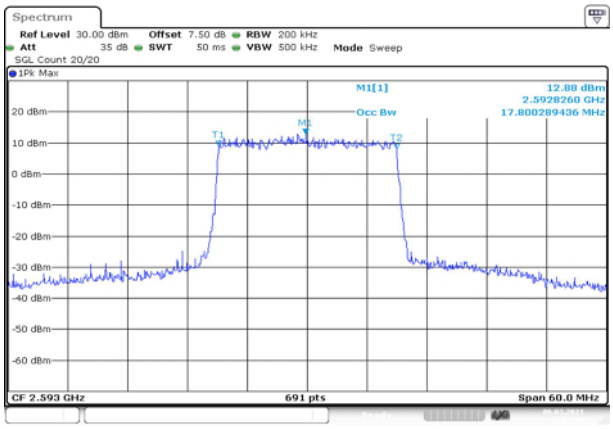

Fig.32

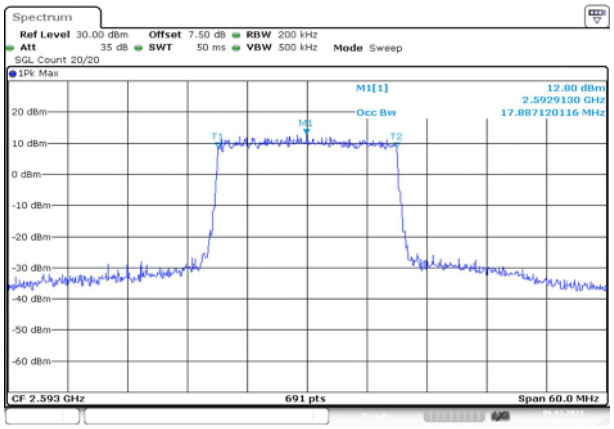

Fig.33

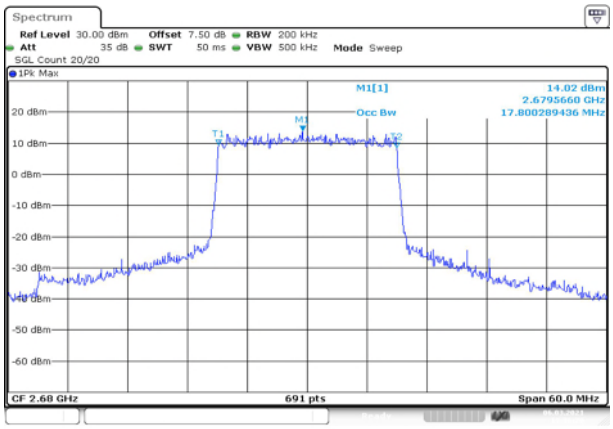

Fig.34

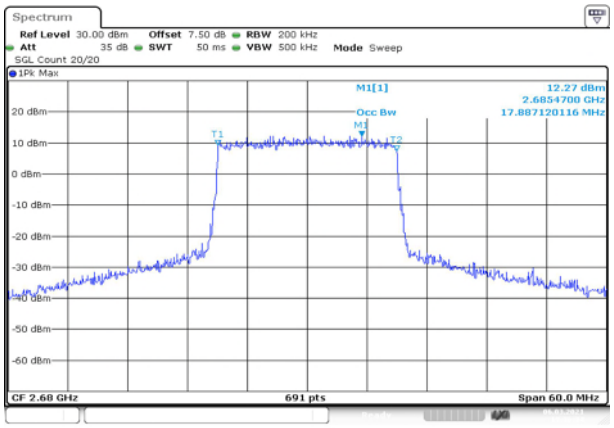

Fig.35

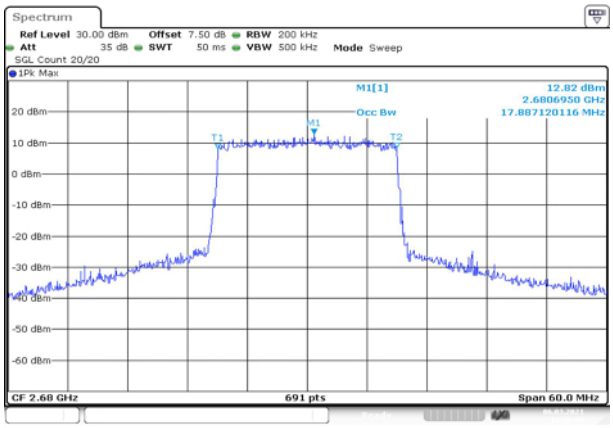

Fig.36

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	
41	2498.5	39675	5	25	0	4.819	Fig.1	4.863	Fig.2	4.776	Fig.3
	2593	40620		25	0	4.797	Fig.4	4.819	Fig.5	4.819	Fig.6
	2687.5	41565		25	0	4.884	Fig.7	4.797	Fig.8	4.819	Fig.9
	2501	39700	10	50	0	9.551	Fig.10	9.551	Fig.11	9.508	Fig.12
	2593	40620		50	0	9.638	Fig.13	9.421	Fig.14	9.508	Fig.15
	2685	41540		50	0	9.682	Fig.16	9.551	Fig.17	9.421	Fig.18
	2503.5	39725	15	75	0	14.392	Fig.19	14.327	Fig.20	14.262	Fig.21
	2593	40620		75	0	14.327	Fig.22	14.457	Fig.23	14.457	Fig.24
	2682.5	41515		75	0	14.588	Fig.25	14.392	Fig.26	14.132	Fig.27
	2506	39750	20	100	0	18.842	Fig.28	19.016	Fig.29	19.103	Fig.30
	2593	40620		100	0	19.016	Fig.31	18.929	Fig.32	19.016	Fig.33
	2680	41490		100	0	19.016	Fig.34	18.842	Fig.35	18.842	Fig.36

Fig.1

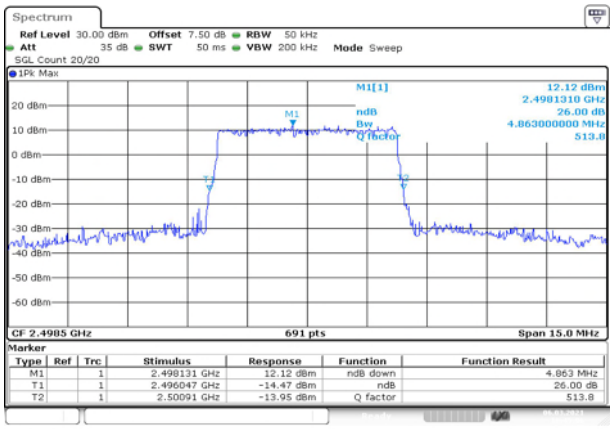

Fig.2

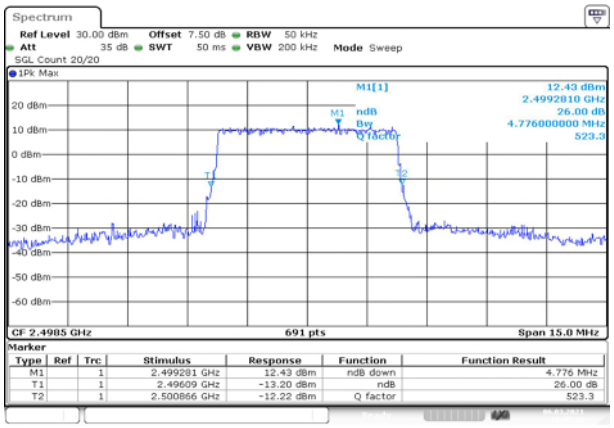

Fig.3

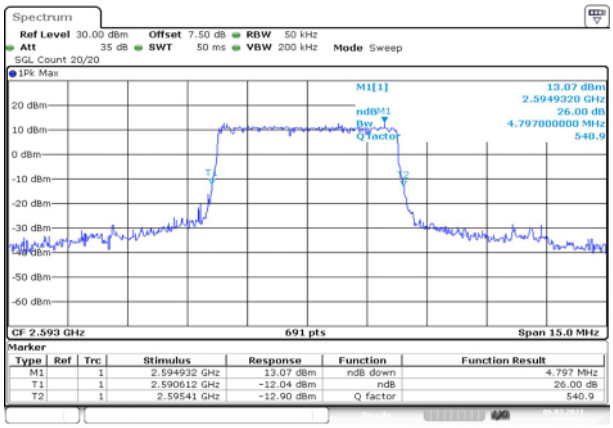

Fig.4

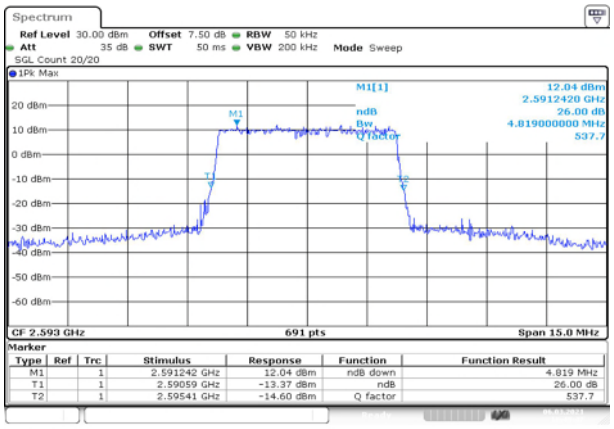

Fig.5

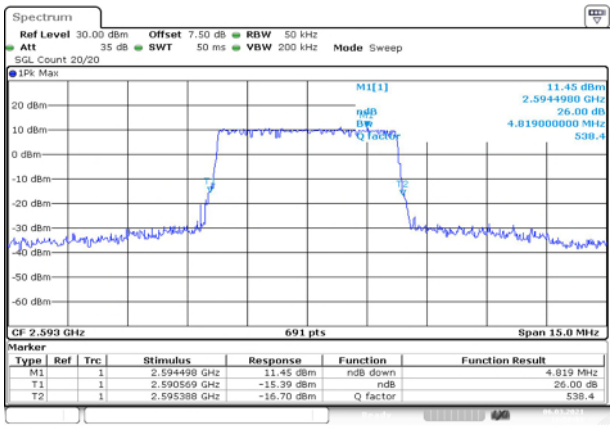

Fig.6

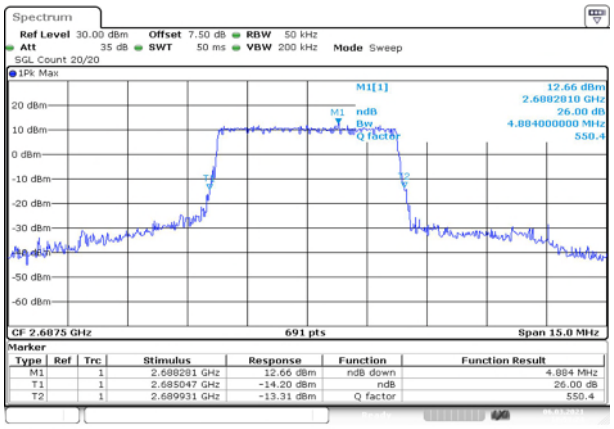

Fig.7

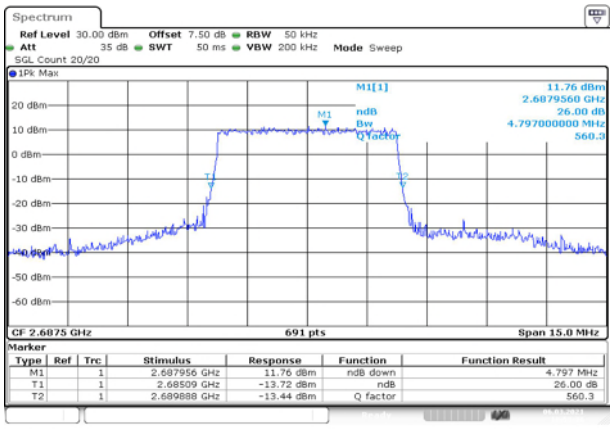

Fig.8

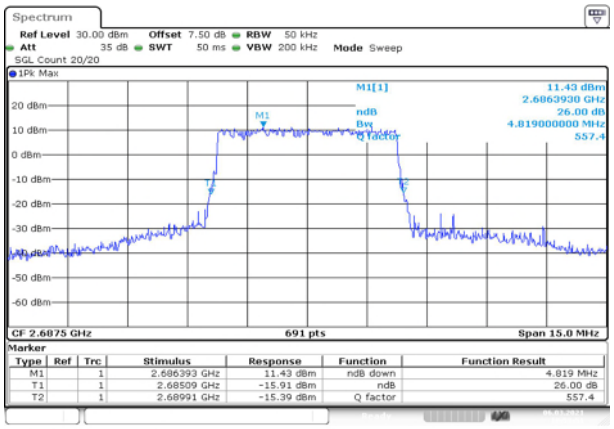

Fig.9

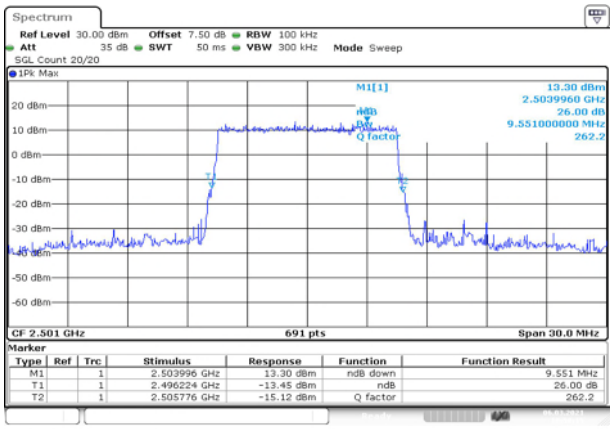

Fig.10

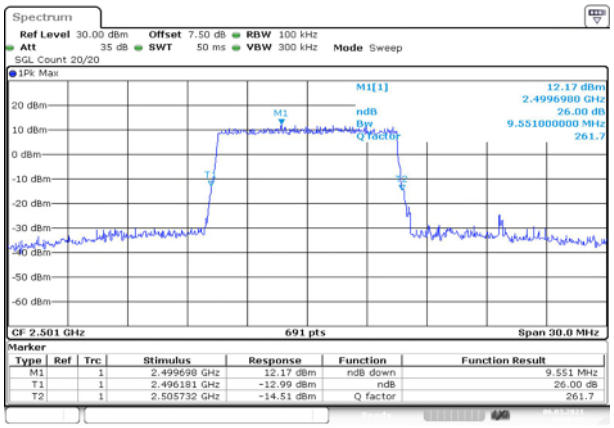

Fig.11

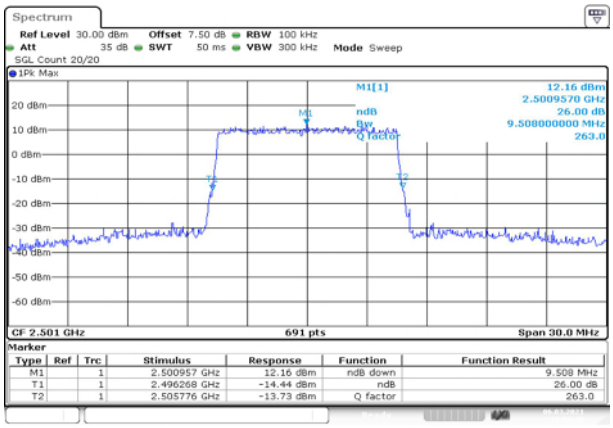

Fig.12

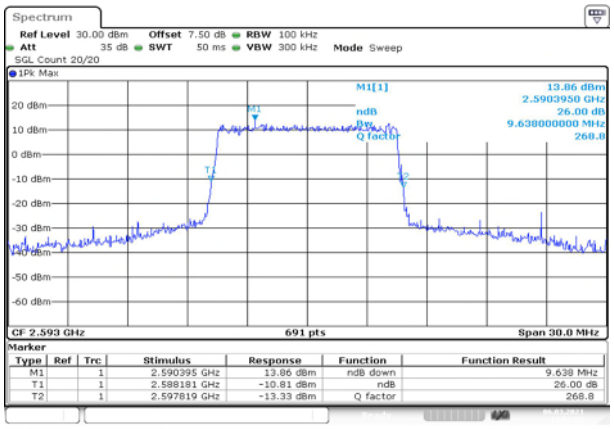

Fig.13

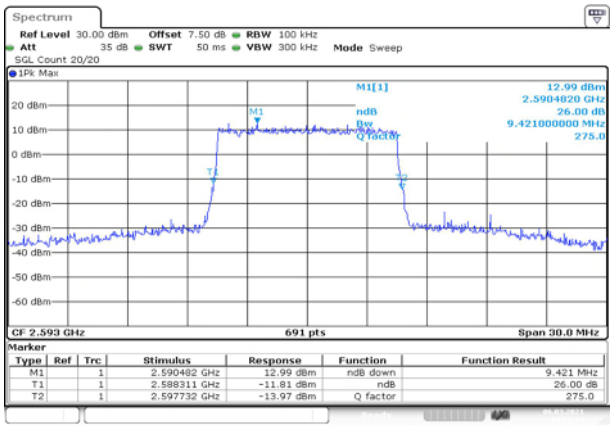

Fig.14

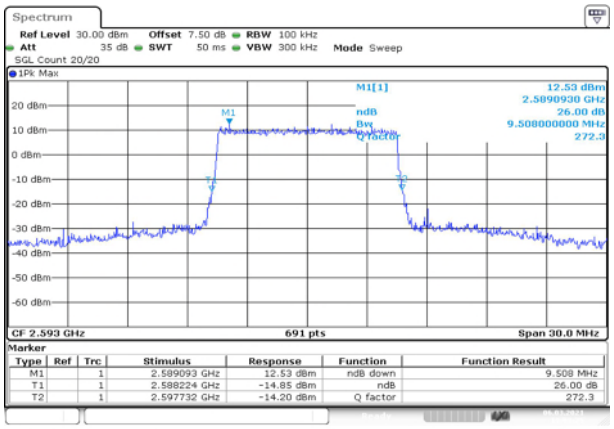

Fig.15

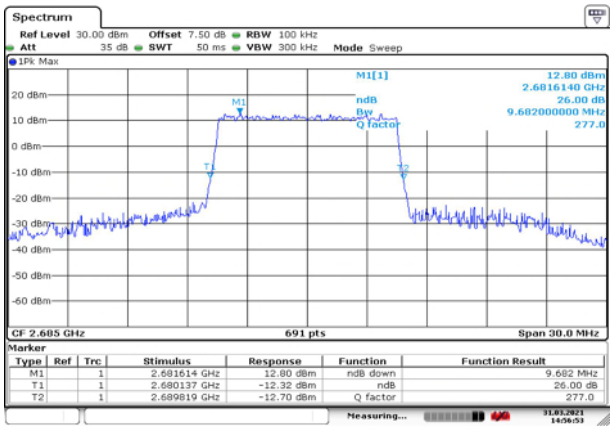

Fig.16

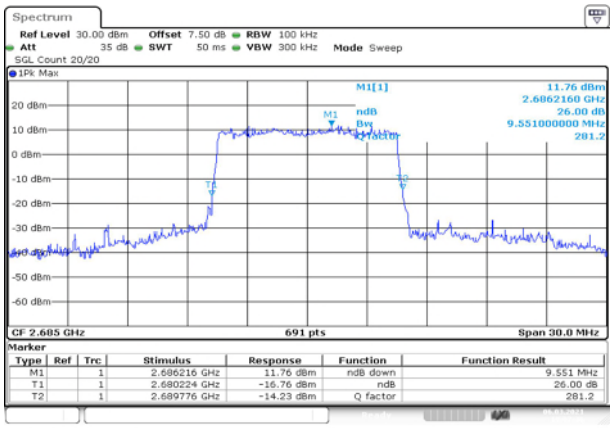

Fig.17

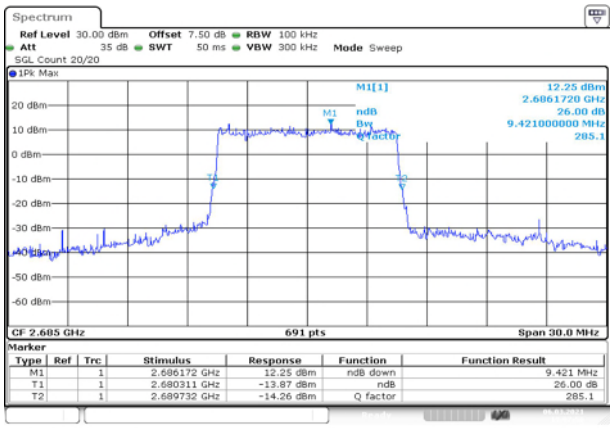

Fig.18