APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 66

1 RF Power Output

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1710.7	131979	1.4	1	0	23.49
				1	3	23.56
				1	5	23.54
				3	0	23.29
				3	1	23.39
				3	3	23.38
				6	0	22.30
	1755	132422		1	0	23.41
				1	3	23.50
				1	5	23.57
				3	0	23.58
				3	1	23.75
				3	3	23.75
				6	0	22.61
	1779.3	132665		1	0	23.41
				1	3	23.38
				1	5	23.43
				3	0	23.56
				3	1	23.69
				3	3	23.68
				6	0	22.60
16QAM	1710.7	131979		1	0	22.53
				1	3	22.48
				1	5	22.48
				3	0	22.35
				3	1	22.51
				3	3	22.51
				6	0	21.18
	1755	132422		1	0	22.73
				1	3	22.78
				1	5	22.79
				3	0	22.61
				3	1	22.66
				3	3	22.65
				6	0	21.54
	1779.3	132665		1	0	22.40
				1	3	22.47
				1	5	22.47
				3	0	21.99
				3	1	22.01
				3	3	22.01
				6	0	21.29

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	1710.7	131979	1.4	1	0	21.41
				1	3	21.41
				1	5	21.41
				3	0	21.60
				3	1	21.49
				3	3	21.48
				6	0	21.48
	1755	132422		1	0	21.54
				1	3	21.53
				1	5	21.54
				3	0	21.73
				3	1	21.53
				3	3	21.41
				6	0	21.55
	1779.3	132665		1	0	21.29
				1	3	21.29
				1	5	21.29
				3	0	21.29
				3	1	21.29
				3	3	21.29
				6	0	21.29

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1711.5	131987	3	1	0	23.25
				1	8	23.13
				1	14	23.22
				8	0	22.24
				8	4	22.32
				8	7	22.32
				15	0	22.27
	1755	132422		1	0	23.56
				1	8	23.62
				1	14	23.69
				8	0	22.62
				8	4	22.75
				8	7	22.75
				15	0	22.57
	1778.5	132657		1	0	23.63
				1	8	23.62
				1	14	23.70
				8	0	22.62
				8	4	22.60
				8	7	22.60
				15	0	22.57
16QAM	1711.5	131987		1	0	22.47
				1	8	22.30
				1	14	22.29
				8	0	21.23
				8	4	21.29
				8	7	21.29
				15	0	21.38
	1755	132422		1	0	22.80
				1	8	22.89
				1	14	22.88
				8	0	21.49
				8	4	21.66
				8	7	21.66
				15	0	21.71
	1778.5	132657		1	0	22.80
				1	8	22.84
				1	14	22.83
				8	0	21.50
				8	4	21.57
				8	7	21.57
				15	0	21.64

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	1711.5	131987	3	1	0	21.39
				1	8	21.40
				1	14	21.18
				8	0	21.50
				8	4	21.28
				8	7	21.18
				15	0	21.28
	1755	132422		1	0	21.71
				1	8	21.63
				1	14	21.72
				8	0	21.60
				8	4	21.64
				8	7	21.72
				15	0	21.71
	1778.5	132657		1	0	21.63
				1	8	21.63
				1	14	21.63
				8	0	21.63
				8	4	21.63
				8	7	21.63
				15	0	21.63

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1712.5	131997	5	1	0	22.99
				1	12	22.83
				1	24	22.92
				12	0	22.22
				12	7	22.12
				12	13	22.13
				25	0	22.18
	1755	132422		1	0	23.34
				1	12	23.57
				1	24	23.55
				12	0	22.47
				12	7	22.68
				12	13	22.69
				25	0	22.71
	1777.5	132647		1	0	23.46
				1	12	23.48
				1	24	23.46
				12	0	22.62
				12	7	22.61
				12	13	22.53
				25	0	22.57
16QAM	1712.5	131997		1	0	21.93
				1	12	21.62
				1	24	21.61
				12	0	21.02
				12	7	21.05
				12	13	21.05
				25	0	21.26
	1755	132422		1	0	22.09
				1	12	22.28
				1	24	22.28
				12	0	21.44
				12	7	21.38
				12	13	21.38
				25	0	21.47
	1777.5	132647		1	0	22.66
				1	12	22.63
				1	24	22.63
				12	0	21.49
				12	7	21.43
				12	13	21.43
				25	0	21.44

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	1712.5	131997	5	1	0	21.26
				1	12	21.27
				1	24	21.28
				12	0	21.28
				12	7	21.28
				12	13	21.29
				25	0	21.28
	1755	132422		1	0	21.47
				1	12	21.47
				1	24	21.56
				12	0	21.56
				12	7	21.47
				12	13	21.48
				25	0	21.57
	1777.5	132647		1	0	21.44
				1	12	21.44
				1	24	21.53
				12	0	21.35
				12	7	21.44
				12	13	21.35
				25	0	21.44

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1715	132022	10	1	0	23.65
				1	25	22.98
				1	49	22.97
				25	0	22.29
				25	12	22.11
				25	25	22.12
				50	0	22.10
	1755	132422		1	0	23.38
				1	25	23.60
				1	49	23.59
				25	0	22.48
				25	12	22.73
				25	25	22.73
				50	0	22.55
	1775	132622		1	0	23.72
				1	25	23.63
				1	49	23.62
				25	0	22.62
				25	12	22.57
				25	25	22.57
				50	0	22.56
16QAM	1715	132022		1	0	22.76
				1	25	22.02
				1	49	21.92
				25	0	21.37
				25	12	21.18
				25	25	21.18
				50	0	21.10
	1755	132422		1	0	22.20
				1	25	22.54
				1	49	22.54
				25	0	21.67
				25	12	21.71
				25	25	21.71
				50	0	21.47
	1775	132622		1	0	22.79
				1	25	22.92
				1	49	22.92
				25	0	21.69
				25	12	21.55
				25	25	21.55
				50	0	21.57

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	1715	132022	10	1	0	21.10
				1	25	21.09
				1	49	21.10
				25	0	21.10
				25	12	21.10
				25	25	21.10
				50	0	20.99
	1755	132422		1	0	21.47
				1	25	21.47
				1	49	21.47
				25	0	21.47
				25	12	21.39
				25	25	21.39
				50	0	21.38
	1775	132622		1	0	21.57
				1	25	21.58
				1	49	21.58
				25	0	21.39
				25	12	21.40
				25	25	21.40
				50	0	21.40

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1717.5	132047	15	1	0	23.43
				1	37	23.12
				1	74	23.11
				36	0	22.23
				36	29	22.18
				36	30	22.19
				75	0	22.20
	1755	132422		1	0	23.24
				1	37	23.29
				1	74	24.01
				36	0	22.41
				36	29	22.68
				36	30	22.67
				75	0	22.56
	1772.5	132597		1	0	23.54
				1	37	23.46
				1	74	23.45
				36	0	22.71
				36	29	22.61
				36	30	22.61
				75	0	22.56
16QAM	1717.5	132047		1	0	21.76
				1	37	21.39
				1	74	21.39
				36	0	21.17
				36	29	21.12
				36	30	21.13
				75	0	21.35
	1755	132422		1	0	22.47
				1	37	22.03
				1	74	22.03
				36	0	21.39
				36	29	21.54
				36	30	21.54
				75	0	21.45
	1772.5	132597		1	0	22.78
				1	37	22.85
				1	74	22.86
				36	0	21.57
				36	29	21.69
				36	30	21.69
				75	0	21.55

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	1717.5	132047	15	1	0	21.35
				1	37	21.35
				1	74	21.34
				36	0	21.34
				36	29	21.34
				36	30	21.35
				75	0	21.35
	1755	132422		1	0	21.45
				1	37	21.45
				1	74	21.44
				36	0	21.43
				36	29	21.42
				36	30	21.42
				75	0	21.42
	1772.5	132597		1	0	21.55
				1	37	21.54
				1	74	21.53
				36	0	21.53
				36	29	21.54
				36	30	21.54
				75	0	21.54

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1720	132072	20	1	0	23.16
				1	49	23.01
				1	99	23.09
				50	0	22.06
				50	24	22.14
				50	50	22.14
				100	0	22.15
	1755	132422		1	0	23.46
				1	49	23.68
				1	99	23.42
				50	0	22.41
				50	24	22.64
				50	50	22.75
				100	0	22.56
	1770	132572		1	0	24.08
				1	49	23.35
				1	99	23.34
				50	0	22.75
				50	24	22.62
				50	50	22.62
				100	0	22.64
16QAM	1720	132072		1	0	23.05
				1	49	22.99
				1	99	22.99
				50	0	21.22
				50	24	21.19
				50	50	21.19
				100	0	21.20
	1755	132422		1	0	23.51
				1	49	23.89
				1	99	23.97
				50	0	21.47
				50	24	21.62
				50	50	21.62
				100	0	21.65
	1770	132572		1	0	23.60
				1	49	23.28
				1	99	23.27
				50	0	21.57
				50	24	21.60
				50	50	21.60
				100	0	21.62

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	1720	132072	20	1	0	21.20
				1	49	21.20
				1	99	21.19
				50	0	21.19
				50	24	21.18
				50	50	21.18
				100	0	21.19
	1755	132422		1	0	21.66
				1	49	21.66
				1	99	21.66
				50	0	21.75
				50	24	21.64
				50	50	21.63
				100	0	21.64
	1770	132572		1	0	21.52
				1	49	21.52
				1	99	21.52
				50	0	21.61
				50	24	21.61
				50	50	21.61
				100	0	21.61

2 Occupied Bandwidth

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)					
						QPSK		16-QAM		64-QAM	
66	1710.7	131979	1.4	6	0	1.076	Fig.1	1.088	Fig.2	1.082	Fig.3
	1755	132422		6	0	1.088	Fig.4	1.088	Fig.5	1.082	Fig.6
	1779.3	132665		6	0	1.082	Fig.7	1.088	Fig.8	1.082	Fig.9
	1711.5	131987	3	15	0	2.683	Fig.10	2.683	Fig.11	2.683	Fig.12
	1755	132422		15	0	2.683	Fig.13	2.683	Fig.14	2.683	Fig.15
	1778.5	132657		15	0	2.683	Fig.16	2.683	Fig.17	2.683	Fig.18
	1712.5	131997	5	25	0	4.450	Fig.19	4.472	Fig.20	4.472	Fig.21
	1755	132422		25	0	4.472	Fig.22	4.472	Fig.23	4.472	Fig.24
	1777.5	132647		25	0	4.472	Fig.25	4.472	Fig.26	4.493	Fig.27
	1715	132022	10	50	0	8.944	Fig.28	8.944	Fig.29	8.944	Fig.30
	1755	132422		50	0	8.944	Fig.31	8.944	Fig.32	8.944	Fig.33
	1775	132622		50	0	8.944	Fig.34	8.944	Fig.35	8.944	Fig.36
	1717.5	132047	15	75	0	13.415	Fig.37	13.350	Fig.38	13.350	Fig.39
	1755	132422		75	0	13.415	Fig.40	13.415	Fig.41	13.415	Fig.42
	1772.5	132597		75	0	13.350	Fig.43	13.415	Fig.44	13.415	Fig.45
	1720	132072	20	100	0	17.800	Fig.46	17.800	Fig.47	17.800	Fig.48
	1755	132422		100	0	17.887	Fig.49	17.800	Fig.50	17.800	Fig.51
	1770	132572		100	0	17.887	Fig.52	17.887	Fig.53	17.800	Fig.54

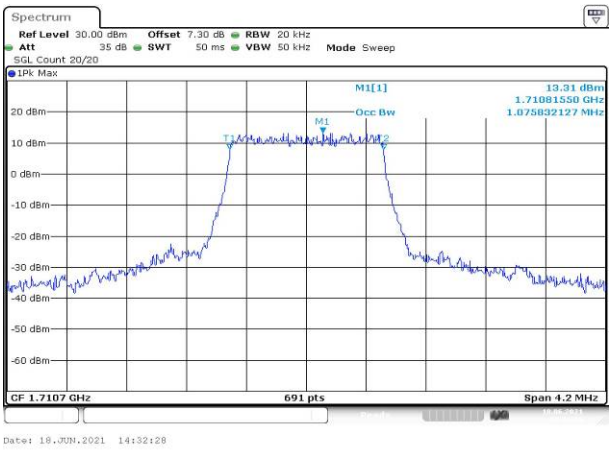


Fig.1

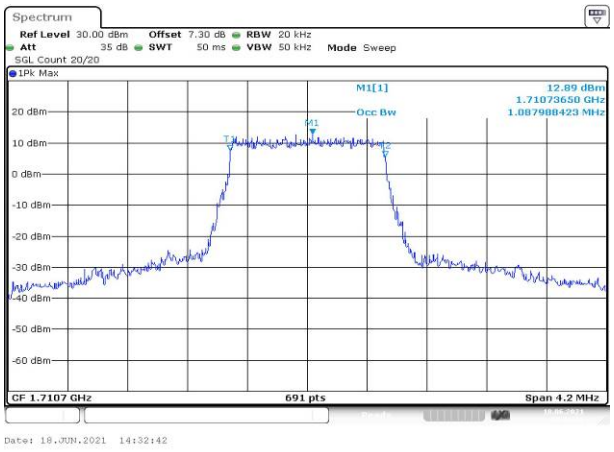


Fig.2

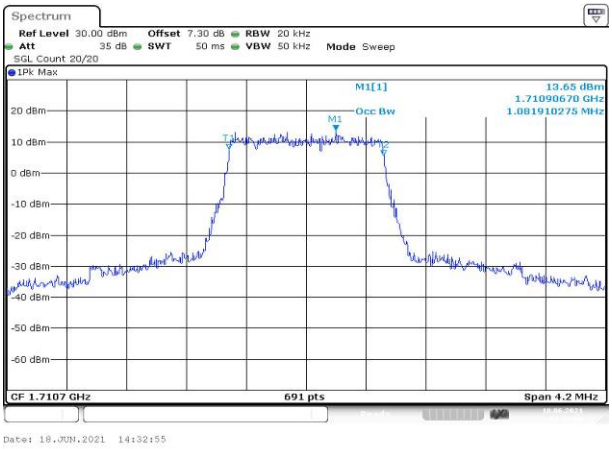


Fig.3

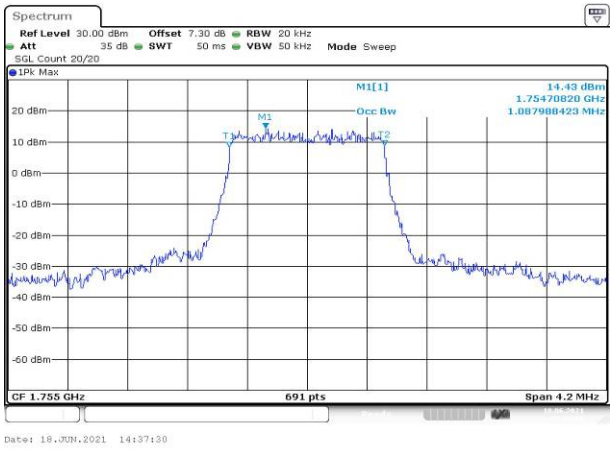


Fig.4

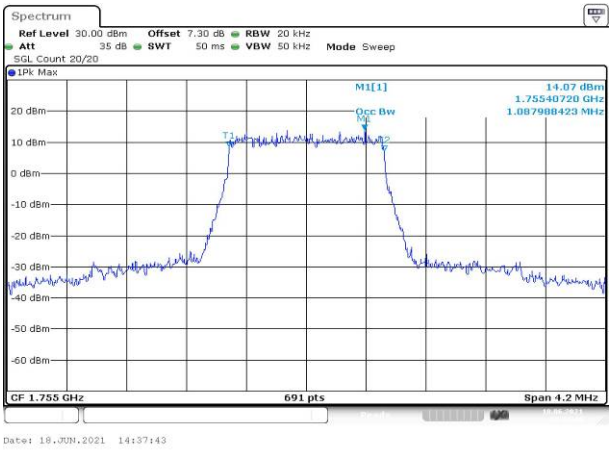


Fig.5

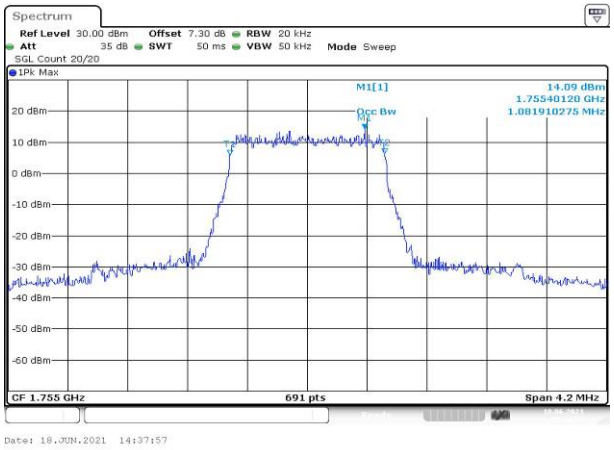


Fig.6

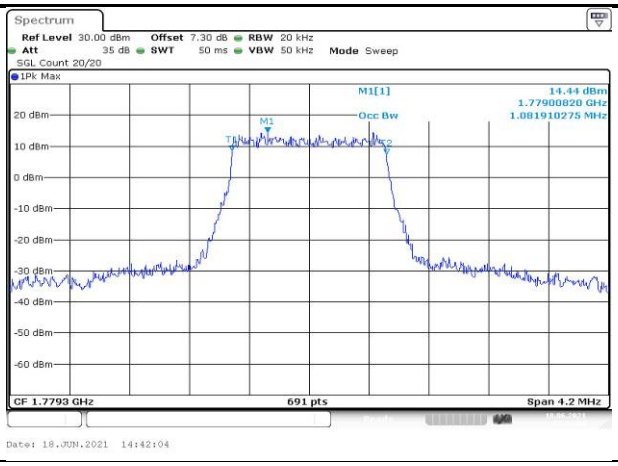


Fig.7

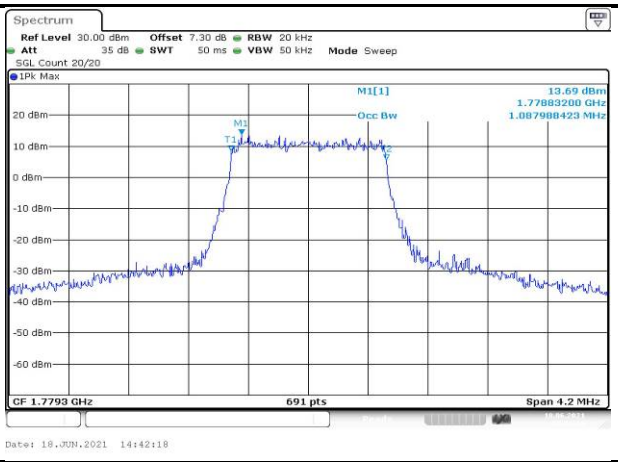


Fig.8

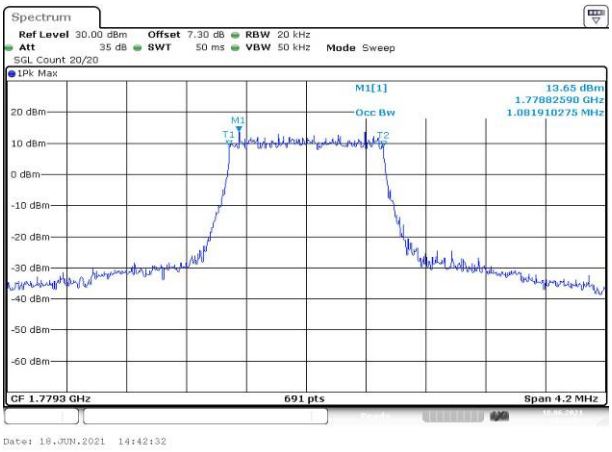


Fig.9

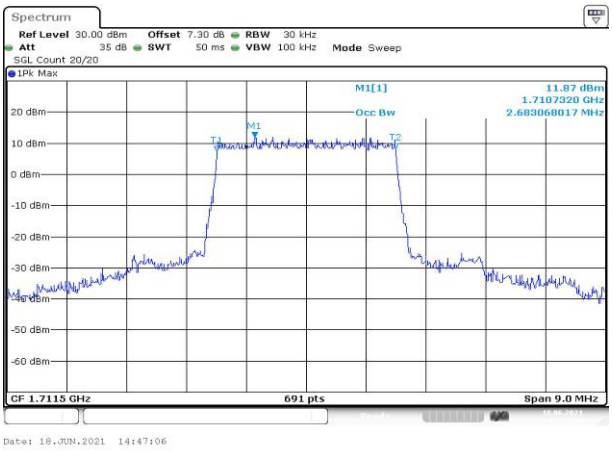


Fig.10

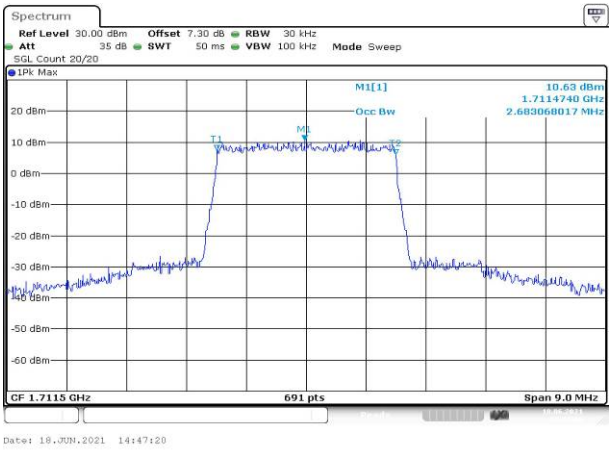


Fig.11

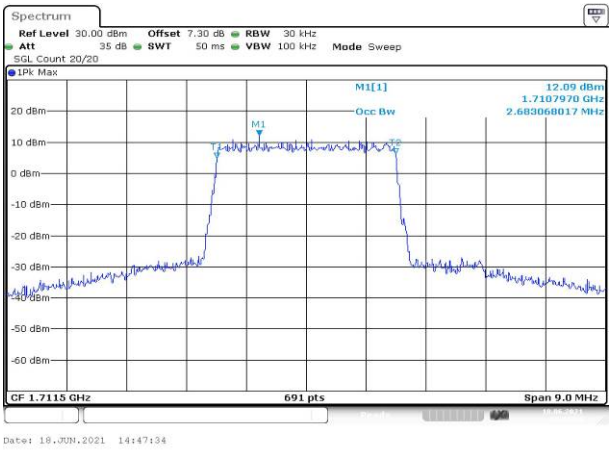


Fig.12

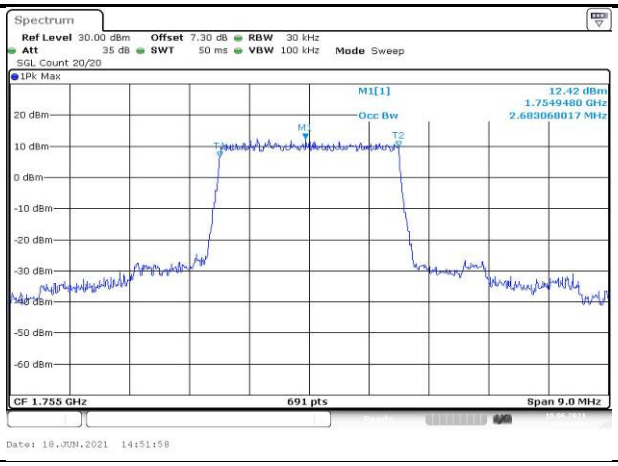


Fig.13

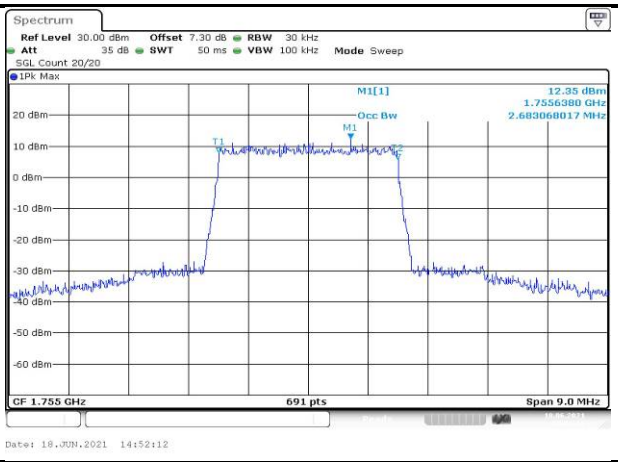


Fig.14

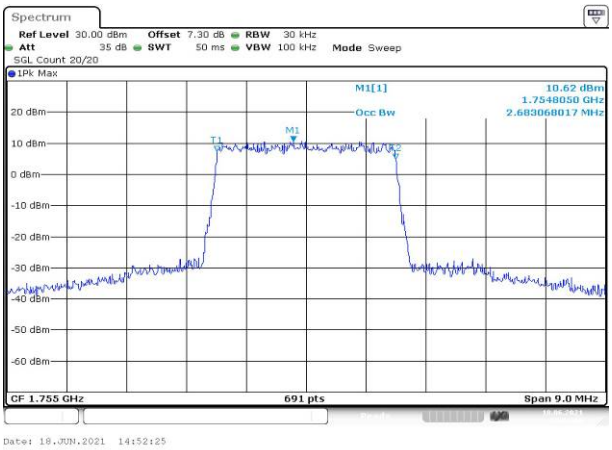


Fig.15

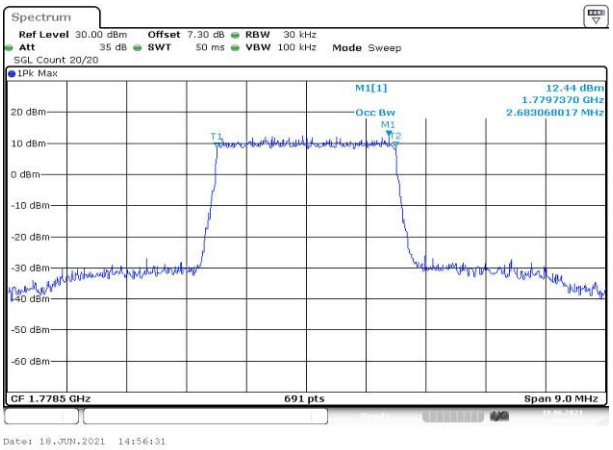


Fig.16

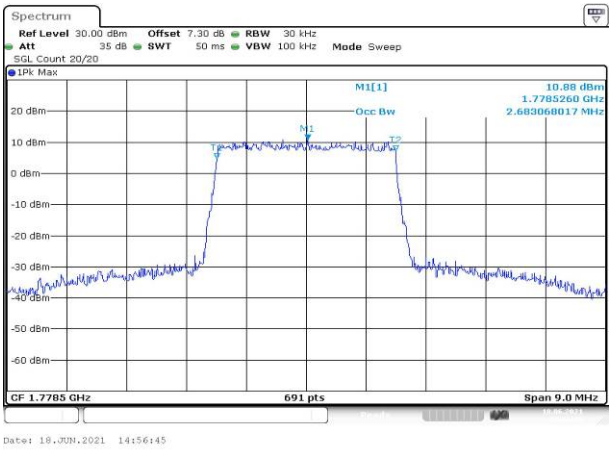
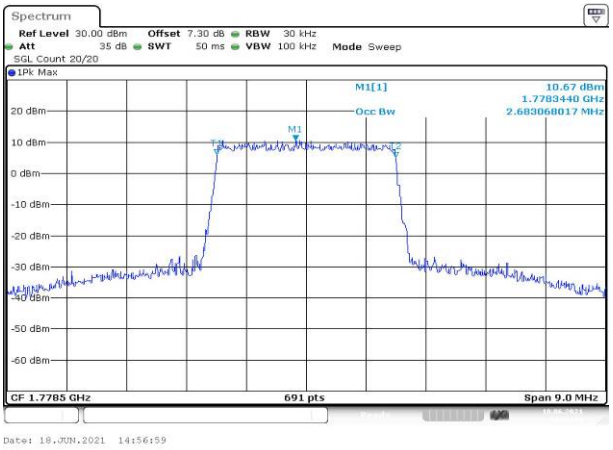


Fig.17



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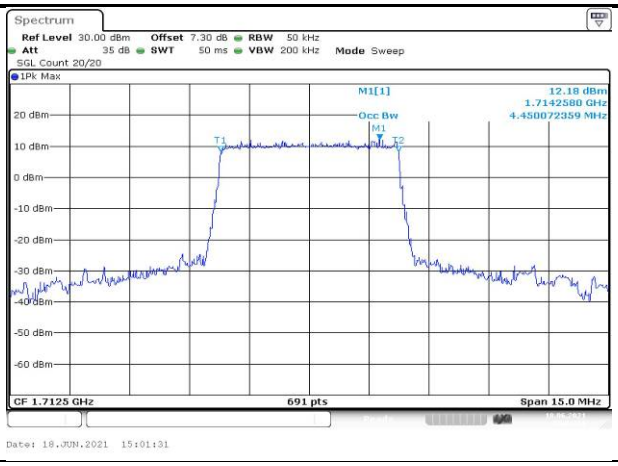


Fig.19

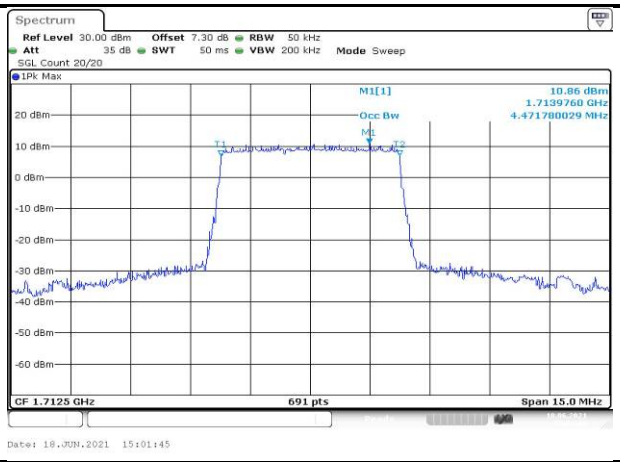


Fig.20

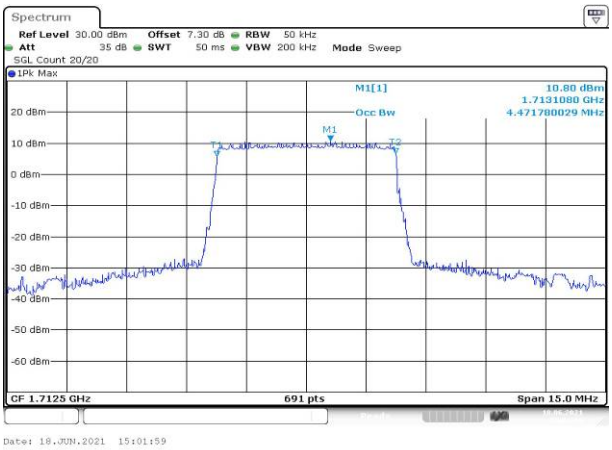


Fig.21

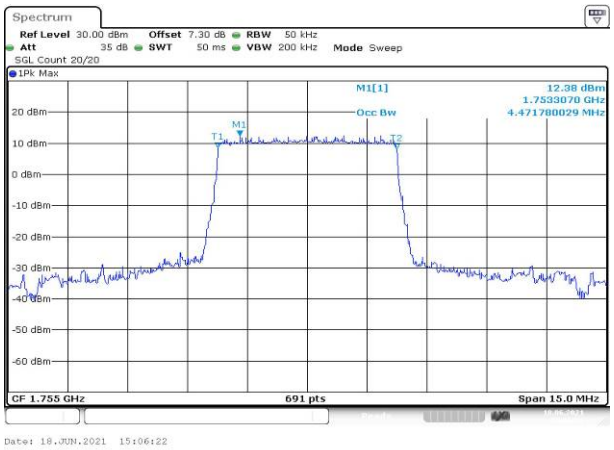


Fig.22

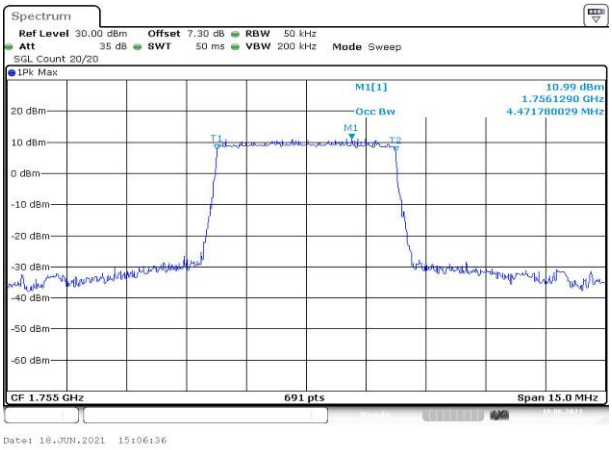


Fig.23

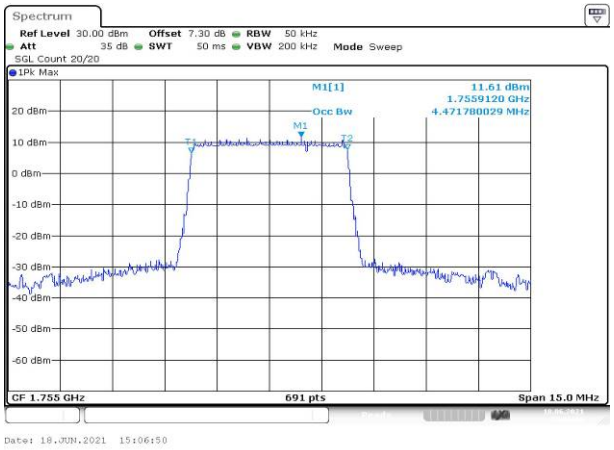


Fig.24

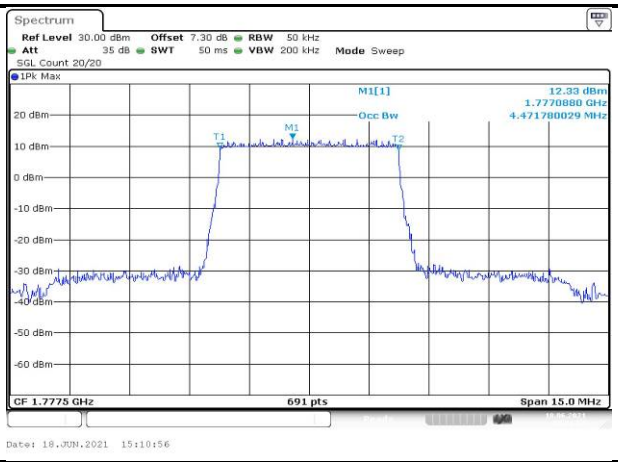


Fig.25

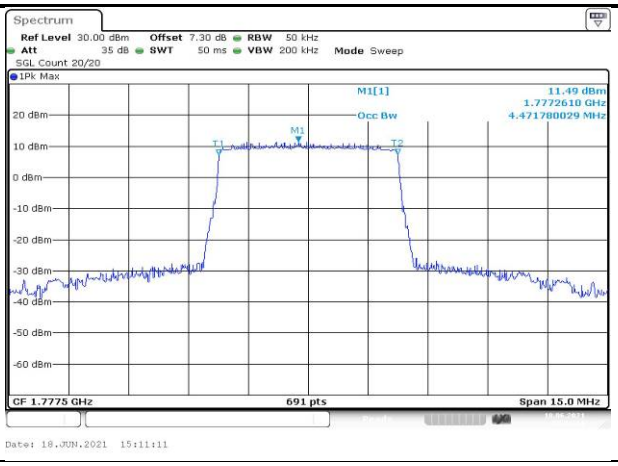


Fig.26

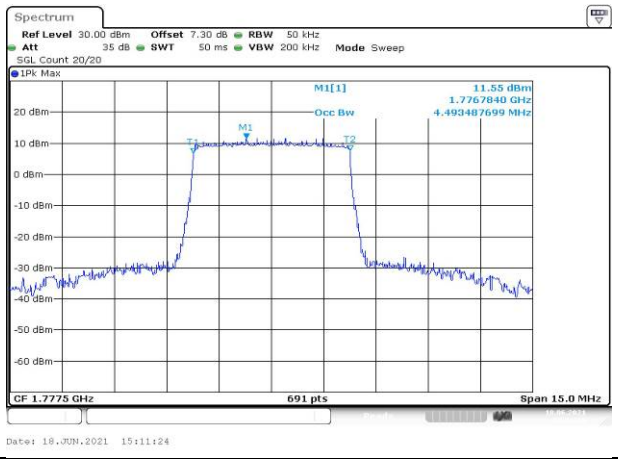


Fig.27

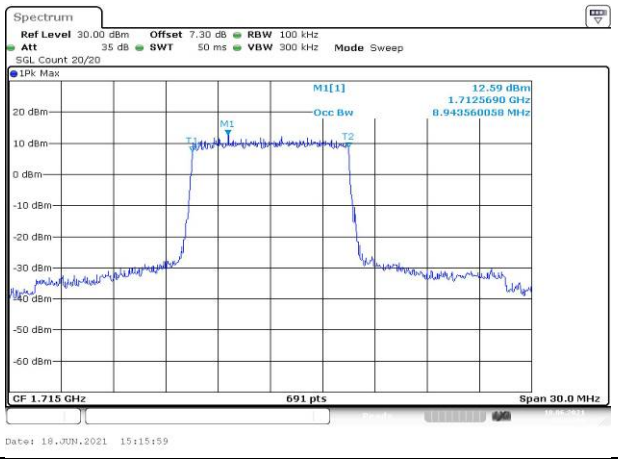


Fig.28

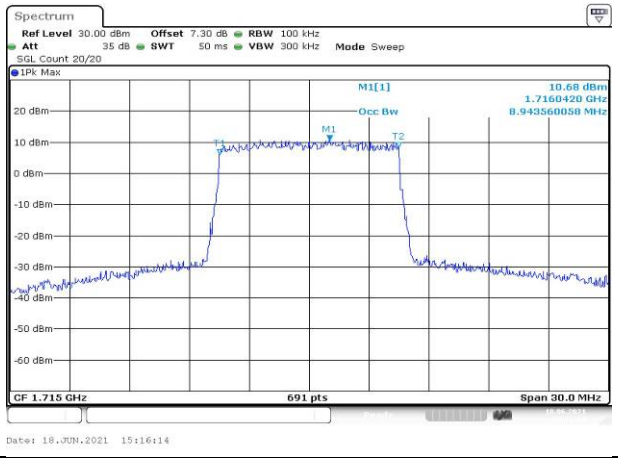


Fig.29

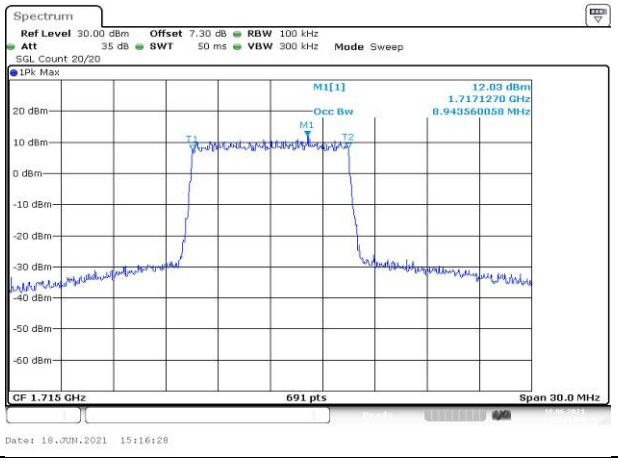


Fig.30

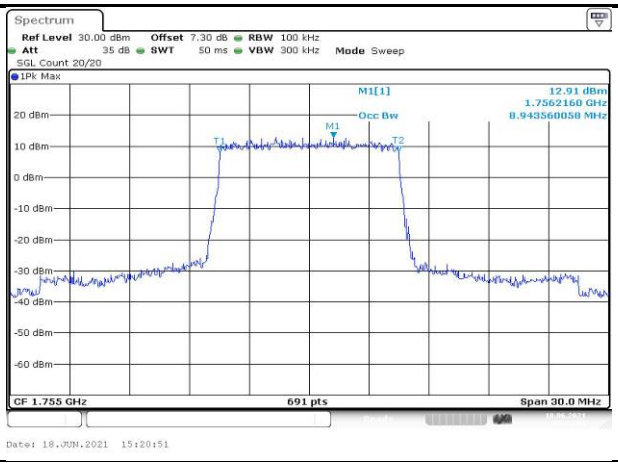


Fig.31

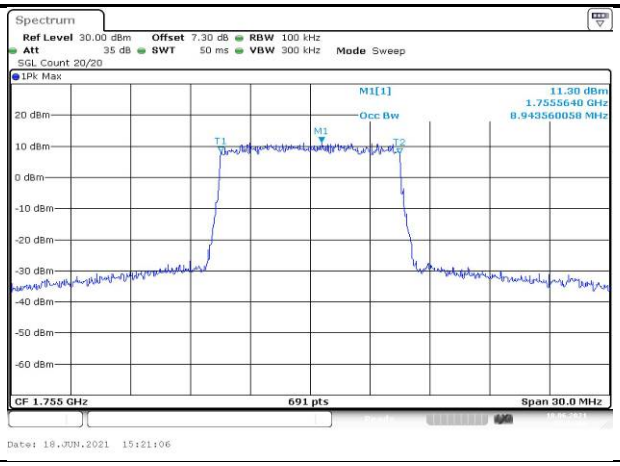


Fig.32

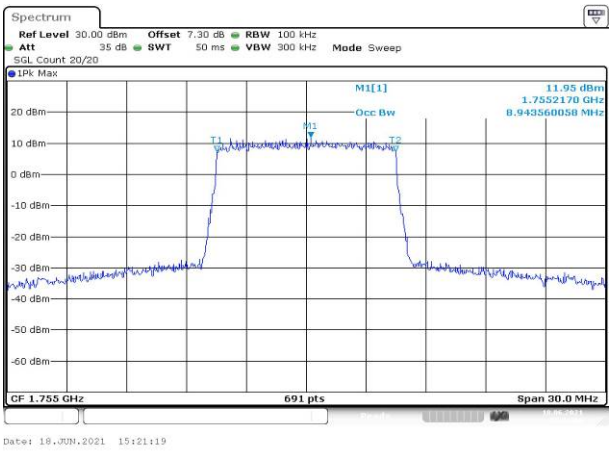


Fig.33

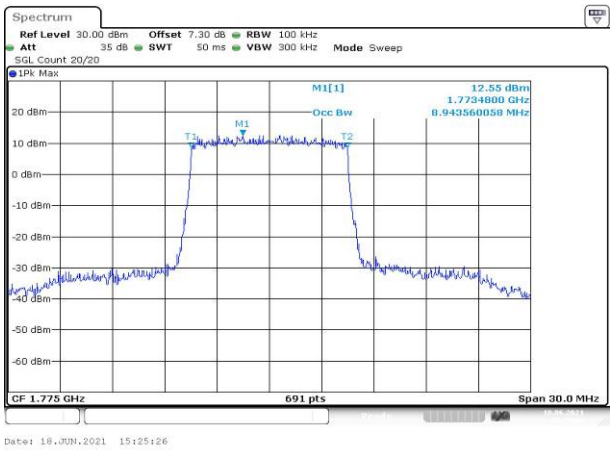


Fig.34

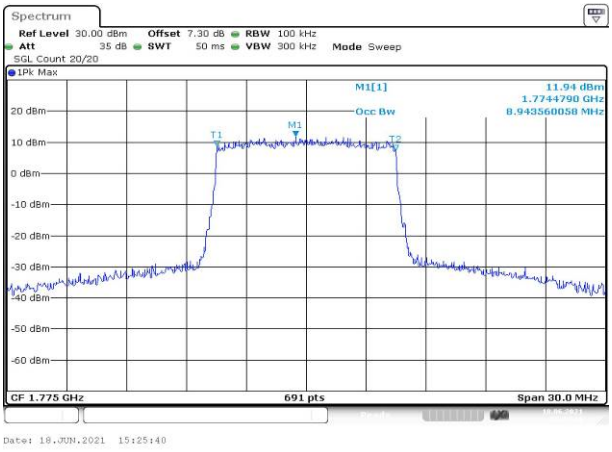


Fig.35

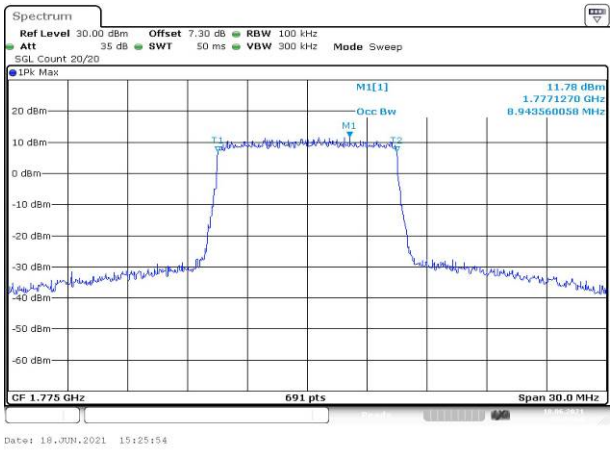


Fig.36

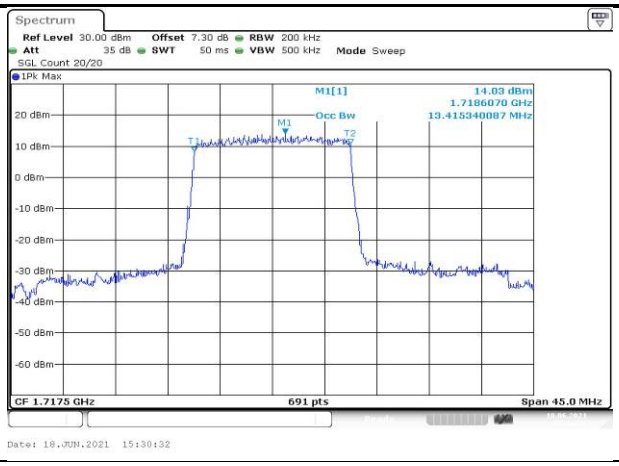
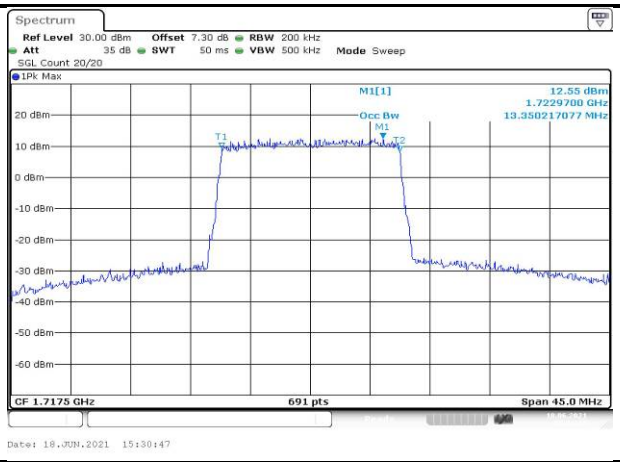


Fig.37



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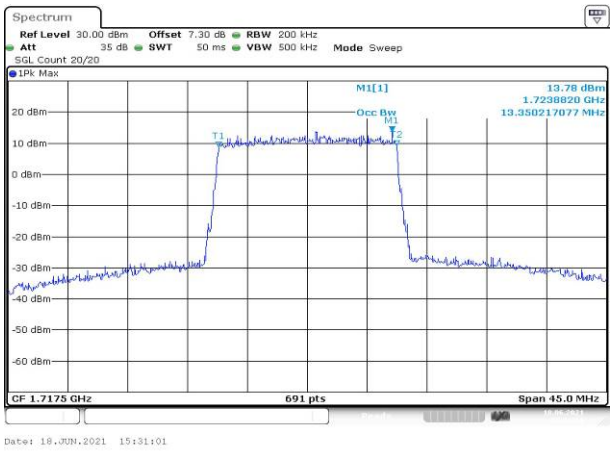

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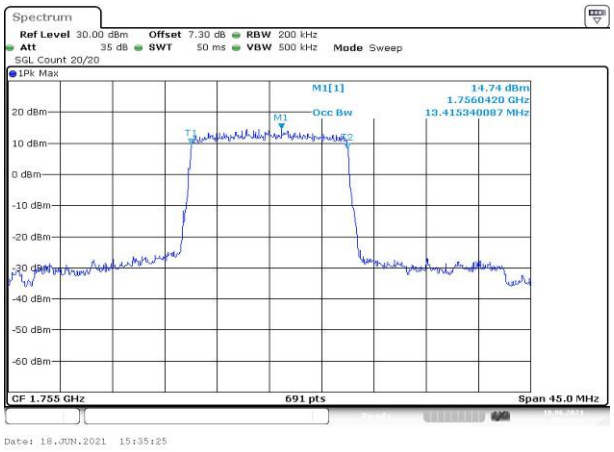


Fig.40

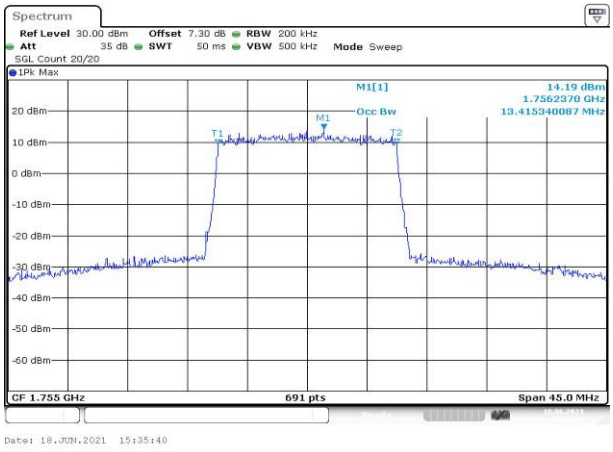


Fig.41

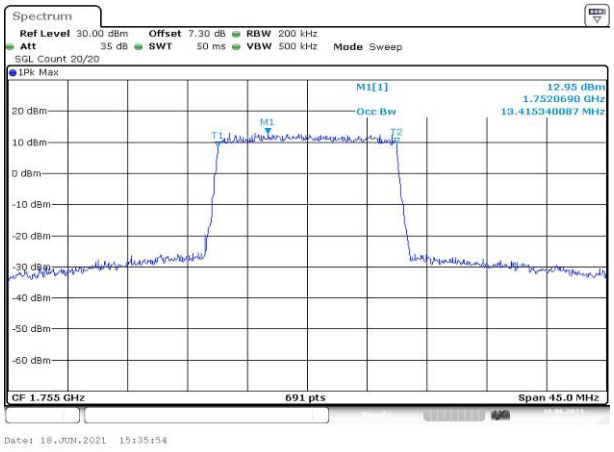
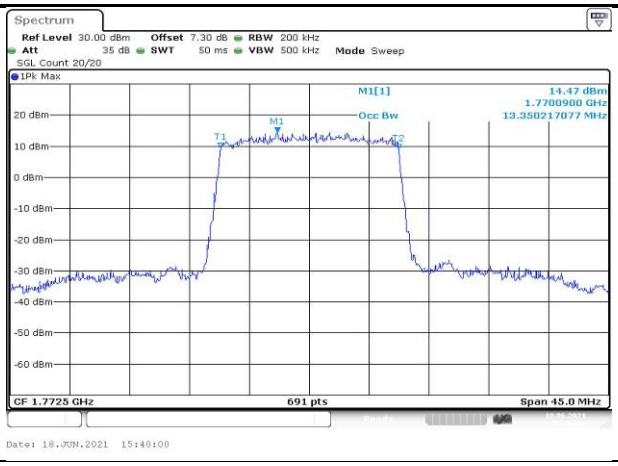


Fig.42



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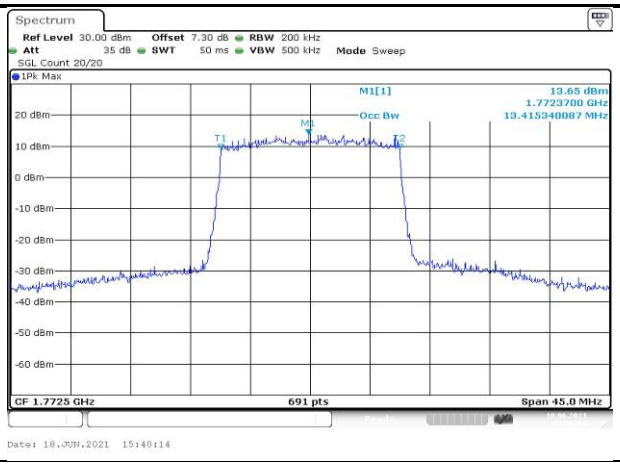

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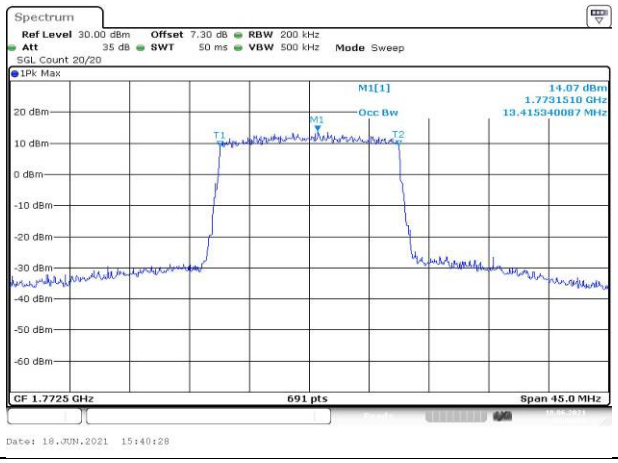
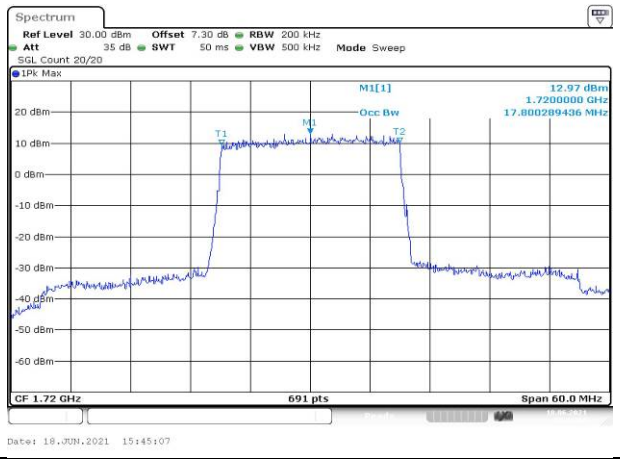


Fig.45



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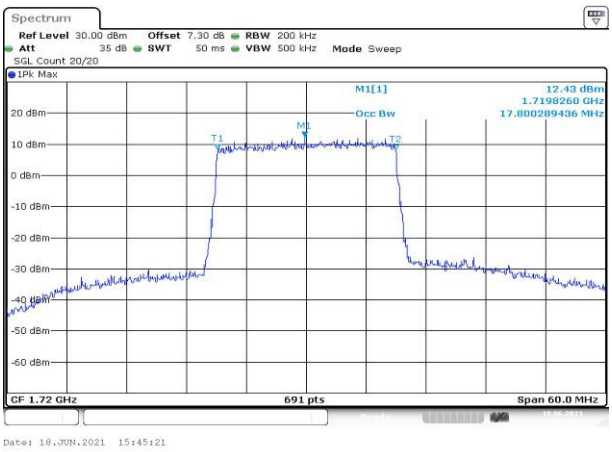

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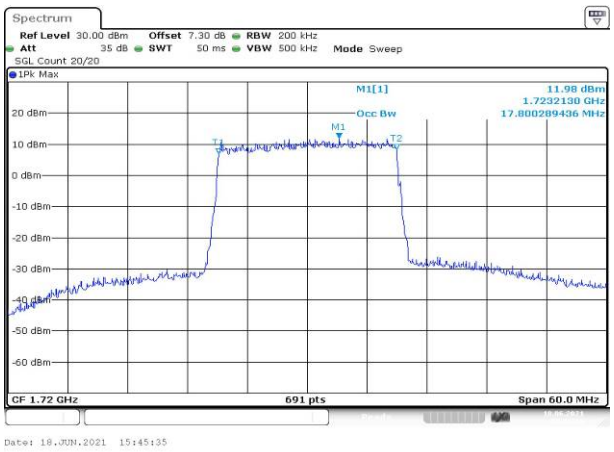

Fig.48