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	23.70
				1	3	23.68
				1	5	23.63
				3	0	23.66
				3	1	23.82
				3	3	23.77
				6	0	22.80
	1755	132422		1	0	23.83
				1	3	23.42
				1	5	23.40
				3	0	23.56
				3	1	23.48
				3	3	23.58
				6	0	22.49
	1779.3	132665		1	0	23.33
				1	3	23.34
				1	5	23.33
				3	0	23.50
				3	1	23.38
				3	3	23.45
				6	0	22.51
16QAM	1710.7	131979		1	0	22.81
				1	3	22.82
				1	5	22.82
				3	0	23.06
				3	1	23.03
				3	3	23.11
				6	0	21.88
	1755	132422		1	0	22.49
				1	3	22.61
				1	5	22.52
				3	0	22.54
				3	1	22.47
				3	3	22.54
				6	0	21.39
	1779.3	132665		1	0	22.43
				1	3	22.44
				1	5	22.48
				3	0	22.56
				3	1	22.44
				3	3	22.56
				6	0	21.41

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	1710.7	131979	1.4	1	0	21.85
				1	3	21.87
				1	5	21.82
				3	0	21.94
				3	1	21.54
				3	3	21.28
				6	0	21.53
	1755	132422		1	0	21.46
				1	3	21.43
				1	5	21.32
				3	0	21.48
				3	1	21.33
				3	3	21.41
				6	0	21.44
	1779.3	132665		1	0	21.37
				1	3	21.31
				1	5	21.34
				3	0	21.34
				3	1	21.34
				3	3	21.34
				6	0	21.39

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1711.5	131987	3	1	0	23.38
				1	8	23.34
				1	14	23.40
				8	0	22.42
				8	4	22.33
				8	7	22.42
				15	0	22.42
	1755	132422		1	0	23.45
				1	8	23.52
				1	14	23.48
				8	0	22.51
				8	4	22.57
				8	7	22.50
				15	0	22.46
	1778.5	132657		1	0	23.45
				1	8	23.45
				1	14	23.42
				8	0	22.48
				8	4	22.45
				8	7	22.46
				15	0	22.46
16QAM	1711.5	131987		1	0	22.53
				1	8	22.47
				1	14	22.51
				8	0	21.43
				8	4	21.42
				8	7	21.39
				15	0	21.41
	1755	132422		1	0	22.68
				1	8	22.68
				1	14	22.62
				8	0	21.57
				8	4	21.50
				8	7	21.52
				15	0	21.54
	1778.5	132657		1	0	22.61
				1	8	22.52
				1	14	22.50
				8	0	21.53
				8	4	21.45
				8	7	21.43
				15	0	21.53

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	21.35
				1	14	21.40
				8	0	21.42
				8	4	21.47
				8	7	21.39
				15	0	21.44
	1755	132422		1	0	21.62
				1	8	21.52
				1	14	21.56
				8	0	21.57
				8	4	21.54
				8	7	21.53
				15	0	21.48
	1778.5	132657		1	0	21.47
				1	8	21.54
				1	14	21.54
				8	0	21.47
				8	4	21.51
				8	7	21.53
				15	0	21.53

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1712.5	131997	5	1	0	23.29
				1	12	23.21
				1	24	23.31
				12	0	22.38
				12	7	22.42
				12	13	22.44
				25	0	22.37
	1755	132422		1	0	23.41
				1	12	23.40
				1	24	23.51
				12	0	22.46
				12	7	22.55
				12	13	22.49
				25	0	22.50
	1777.5	132647		1	0	23.38
				1	12	23.32
				1	24	23.38
				12	0	22.45
				12	7	22.50
				12	13	22.42
				25	0	22.51
16QAM	1712.5	131997		1	0	22.39
				1	12	22.36
				1	24	22.33
				12	0	21.35
				12	7	21.34
				12	13	21.38
				25	0	21.40
	1755	132422		1	0	22.57
				1	12	22.56
				1	24	22.55
				12	0	21.45
				12	7	21.48
				12	13	21.44
				25	0	21.51
	1777.5	132647		1	0	22.50
				1	12	22.46
				1	24	22.44
				12	0	21.46
				12	7	21.29
				12	13	21.40
				25	0	21.48

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	1712.5	131997	5	1	0	21.45
				1	12	21.39
				1	24	21.47
				12	0	21.43
				12	7	21.40
				12	13	21.40
				25	0	21.43
	1755	132422		1	0	21.53
				1	12	21.46
				1	24	21.50
				12	0	21.52
				12	7	21.51
				12	13	21.57
				25	0	21.45
	1777.5	132647		1	0	21.46
				1	12	21.46
				1	24	21.44
				12	0	21.46
				12	7	21.48
				12	13	21.48
				25	0	21.45

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1715	132022	10	1	0	23.36
				1	25	23.28
				1	49	23.27
				25	0	22.37
				25	12	22.39
				25	25	22.36
				50	0	22.44
	1755	132422		1	0	23.44
				1	25	23.47
				1	49	23.58
				25	0	22.54
				25	12	22.69
				25	25	22.60
				50	0	22.56
	1775	132622		1	0	23.62
				1	25	23.43
				1	49	23.40
				25	0	22.65
				25	12	22.49
				25	25	22.54
				50	0	22.62
16QAM	1715	132022		1	0	22.51
				1	25	22.40
				1	49	22.35
				25	0	21.52
				25	12	21.47
				25	25	21.46
				50	0	21.47
	1755	132422		1	0	22.62
				1	25	22.69
				1	49	22.60
				25	0	21.64
				25	12	21.58
				25	25	21.67
				50	0	21.57
	1775	132622		1	0	22.70
				1	25	22.51
				1	49	22.59
				25	0	21.66
				25	12	21.71
				25	25	21.68
				50	0	21.60

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	1715	132022	10	1	0	21.38
				1	25	21.45
				1	49	21.46
				25	0	21.46
				25	12	21.39
				25	25	21.44
				50	0	21.43
	1755	132422		1	0	21.54
				1	25	21.60
				1	49	21.64
				25	0	21.54
				25	12	21.58
				25	25	21.51
				50	0	21.54
	1775	132622		1	0	21.55
				1	25	21.65
				1	49	21.53
				25	0	21.63
				25	12	21.52
				25	25	21.62
				50	0	21.61

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1717.5	132047	15	1	0	23.35
				1	37	23.25
				1	74	23.25
				36	0	22.46
				36	29	22.44
				36	30	22.41
				75	0	22.44
	1755	132422		1	0	23.41
				1	37	23.46
				1	74	23.43
				36	0	22.58
				36	29	22.71
				36	30	22.62
				75	0	22.64
	1772.5	132597		1	0	23.55
				1	37	23.36
				1	74	23.42
				36	0	22.60
				36	29	22.60
				36	30	22.64
				75	0	22.68
16QAM	1717.5	132047		1	0	22.85
				1	37	22.79
				1	74	22.74
				36	0	21.40
				36	29	21.38
				36	30	21.35
				75	0	21.36
	1755	132422		1	0	22.94
				1	37	22.92
				1	74	22.95
				36	0	21.55
				36	29	21.51
				36	30	21.61
				75	0	21.53
	1772.5	132597		1	0	23.00
				1	37	22.80
				1	74	22.87
				36	0	21.64
				36	29	21.57
				36	30	21.57
				75	0	21.61

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	1717.5	132047	15	1	0	21.36
				1	37	21.38
				1	74	21.39
				36	0	21.36
				36	29	21.38
				36	30	21.41
				75	0	21.35
	1755	132422		1	0	21.57
				1	37	21.50
				1	74	21.65
				36	0	21.56
				36	29	21.56
				36	30	21.52
				75	0	21.52
	1772.5	132597		1	0	21.48
				1	37	21.64
				1	74	21.62
				36	0	21.63
				36	29	21.62
				36	30	21.62
				75	0	21.62

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1720	132072	20	1	0	23.04
				1	49	23.00
				1	99	23.02
				50	0	22.41
				50	24	22.29
				50	50	22.37
				100	0	22.36
	1755	132422		1	0	23.13
				1	49	23.21
				1	99	23.24
				50	0	22.56
				50	24	22.52
				50	50	22.55
				100	0	22.53
	1770	132572		1	0	23.27
				1	49	23.09
				1	99	23.15
				50	0	22.55
				50	24	22.55
				50	50	22.57
				100	0	22.51
16QAM	1720	132072		1	0	22.70
				1	49	22.63
				1	99	22.63
				50	0	21.33
				50	24	21.29
				50	50	21.34
				100	0	21.36
	1755	132422		1	0	22.76
				1	49	22.85
				1	99	22.85
				50	0	21.55
				50	24	21.60
				50	50	21.51
				100	0	21.58
	1770	132572		1	0	22.91
				1	49	22.65
				1	99	22.74
				50	0	21.58
				50	24	21.47
				50	50	21.52
				100	0	21.55

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	1720	132072	20	1	0	21.37
				1	49	21.34
				1	99	21.36
				50	0	21.35
				50	24	21.40
				50	50	21.33
				100	0	21.35
	1755	132422		1	0	21.53
				1	49	21.53
				1	99	21.53
				50	0	21.50
				50	24	21.58
				50	50	21.53
				100	0	21.54
	1770	132572		1	0	21.57
				1	49	21.53
				1	99	21.62
				50	0	21.56
				50	24	21.54
				50	50	21.59
				100	0	21.55

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	1.082	Fig.1	1.094	Fig.2	1.082	Fig.3
	1755	132422		6	0	1.082	Fig.4	1.088	Fig.5	1.082	Fig.6
	1779.3	132665		6	0	1.088	Fig.7	1.082	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	2.670	Fig.14	2.683	Fig.15
	1778.5	132657		15	0	2.683	Fig.16	2.683	Fig.17	2.670	Fig.18
	1712.5	131997	5	25	0	4.472	Fig.19	4.493	Fig.20	4.493	Fig.21
	1755	132422		25	0	4.472	Fig.22	4.493	Fig.23	4.472	Fig.24
	1777.5	132647		25	0	4.472	Fig.25	4.472	Fig.26	4.472	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	8.987	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	13.480	Fig.38	13.415	Fig.39
	1755	132422		75	0	13.415	Fig.40	13.415	Fig.41	13.415	Fig.42
	1772.5	132597		75	0	13.415	Fig.43	13.415	Fig.44	13.480	Fig.45
	1720	132072	20	100	0	17.887	Fig.46	17.887	Fig.47	17.887	Fig.48
	1755	132422		100	0	17.887	Fig.49	17.974	Fig.50	17.887	Fig.51
	1770	132572		100	0	17.887	Fig.52	17.887	Fig.53	17.887	Fig.54

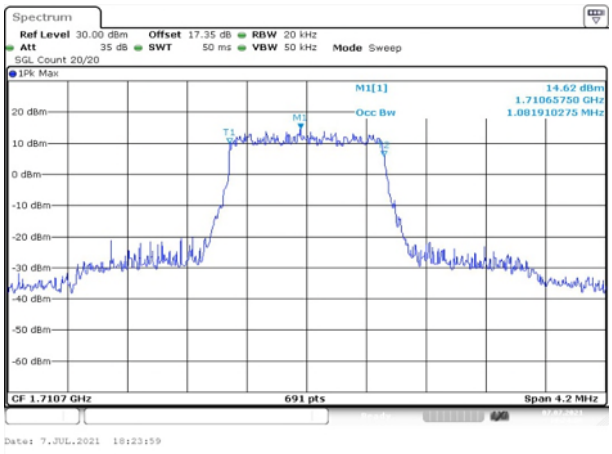


Fig.1

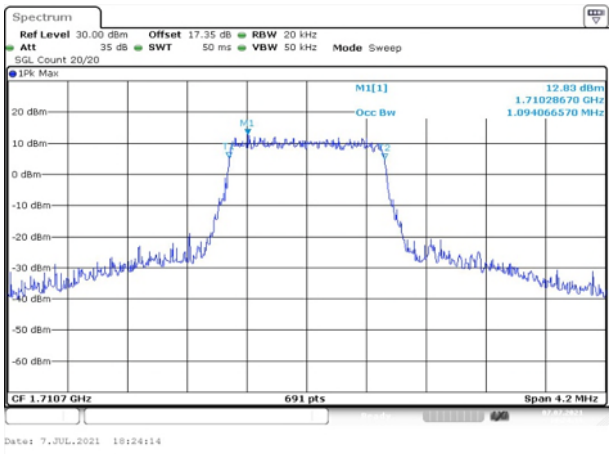


Fig.2

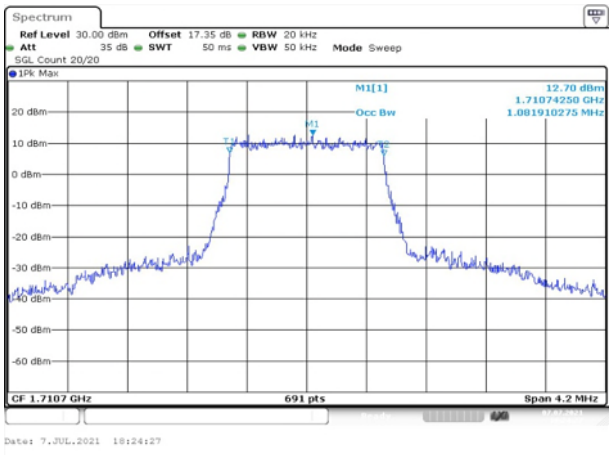


Fig.3

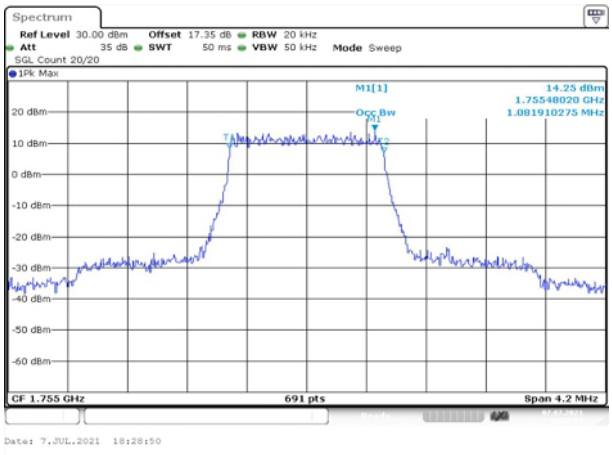


Fig.4

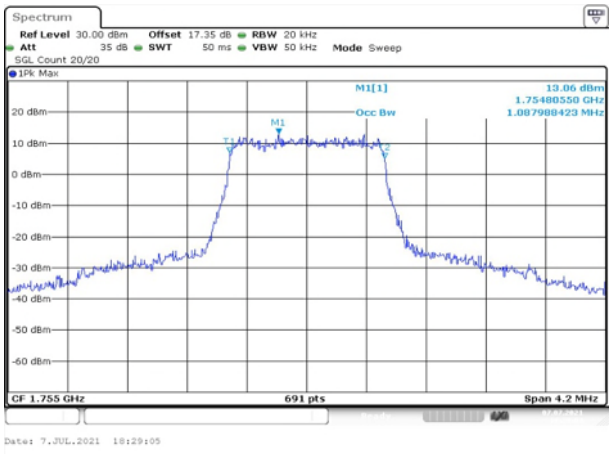


Fig.5

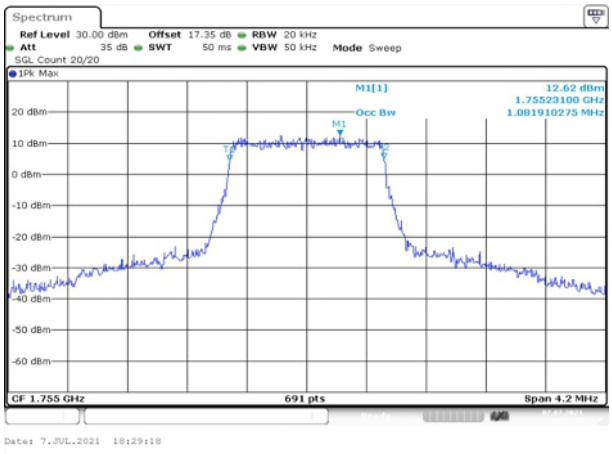


Fig.6

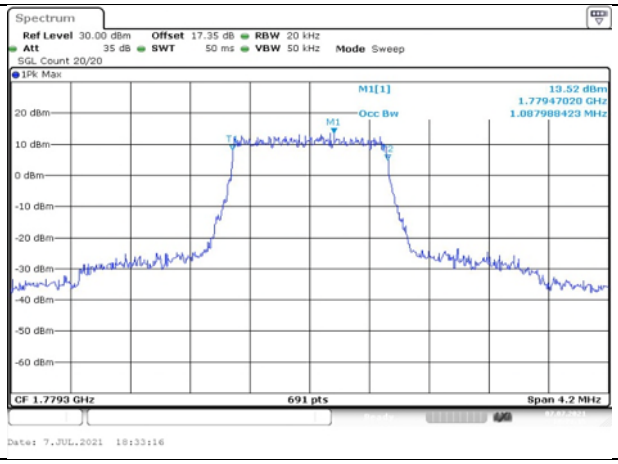


Fig.7

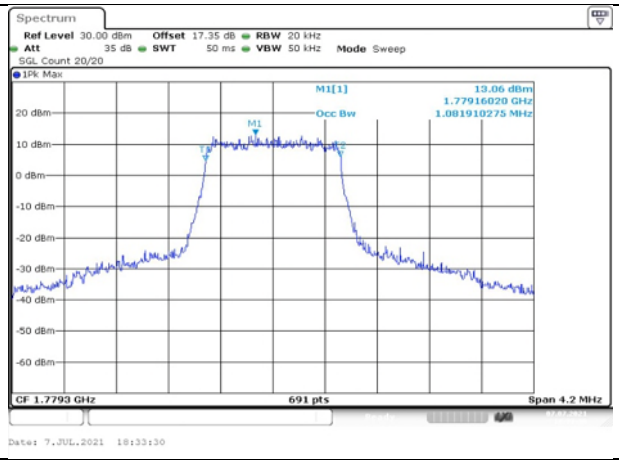


Fig.8

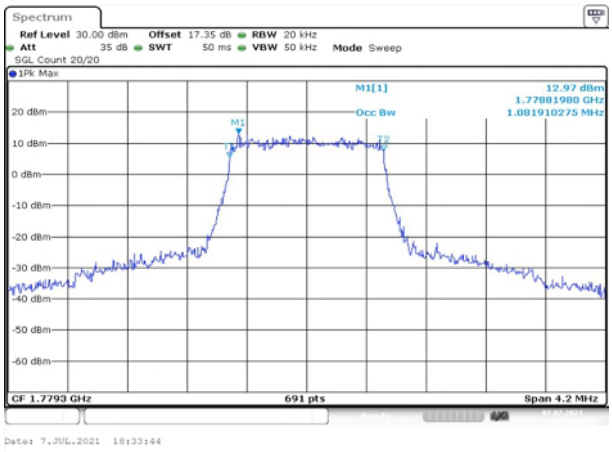


Fig.9

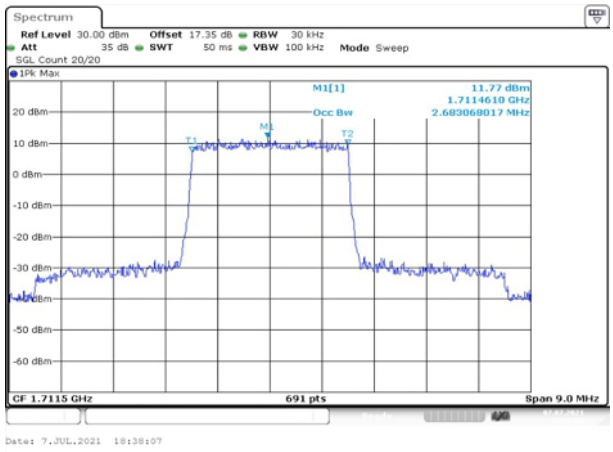


Fig.10

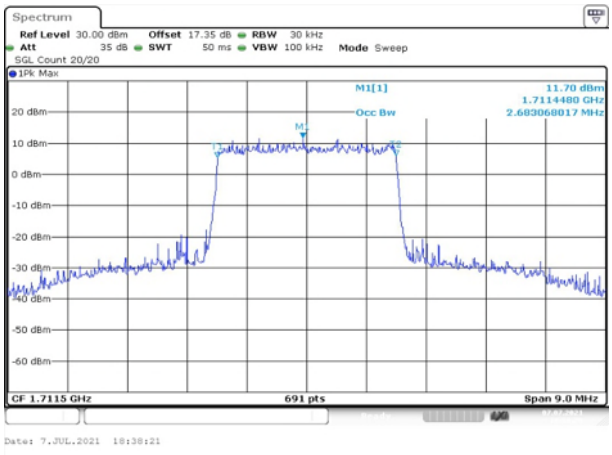


Fig.11

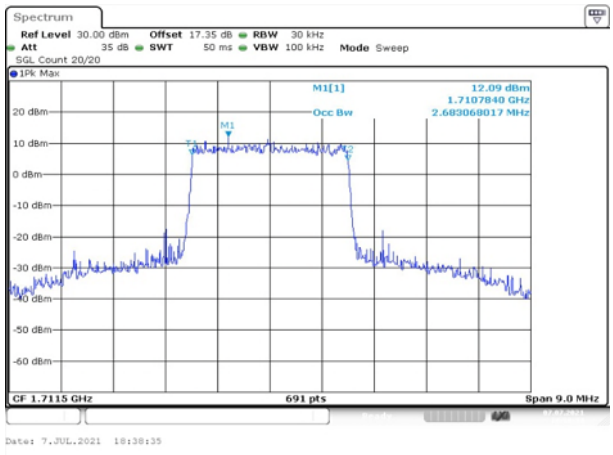


Fig.12

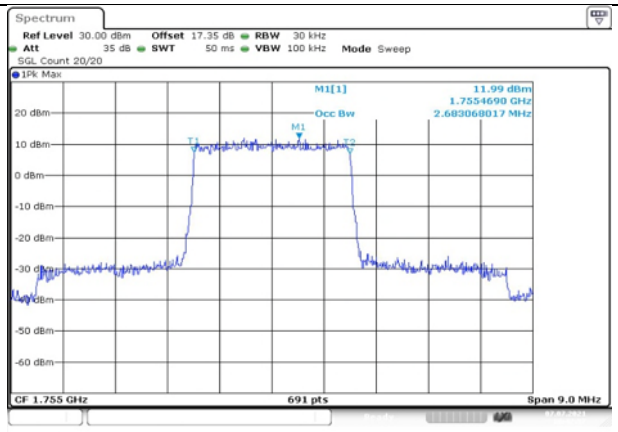


Fig.13

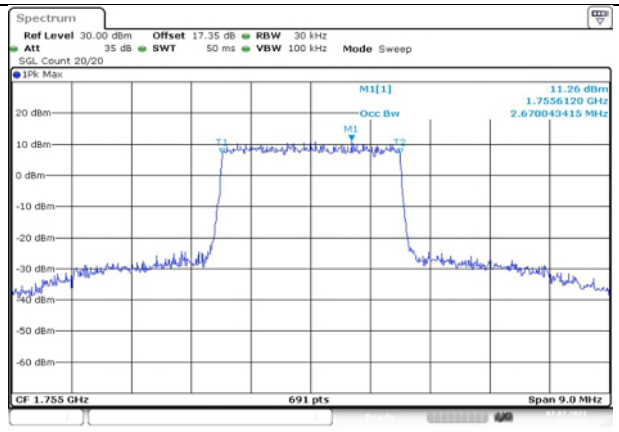


Fig.14

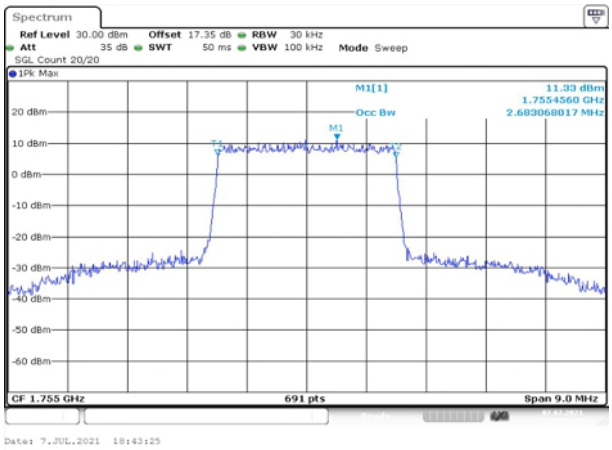


Fig.15

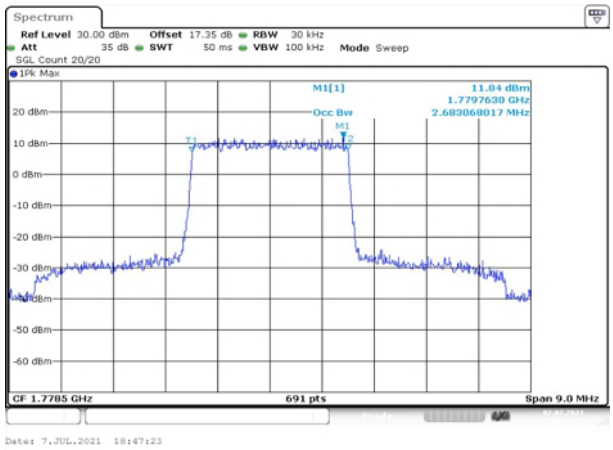
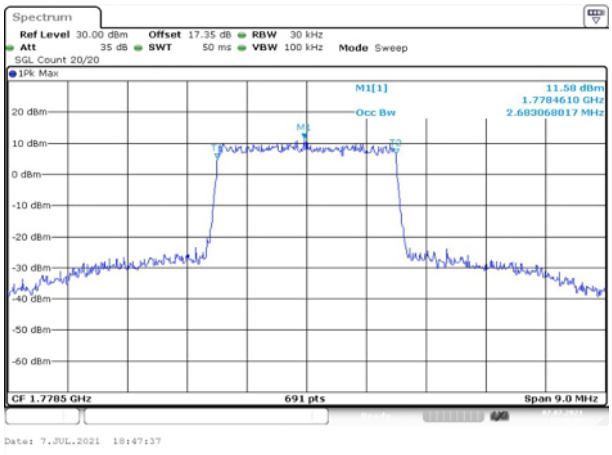


Fig.16



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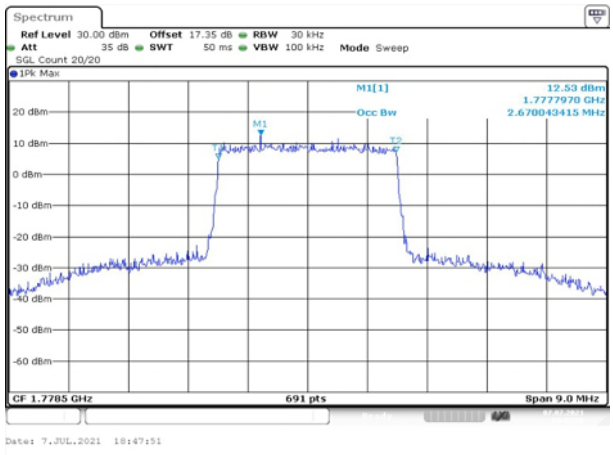

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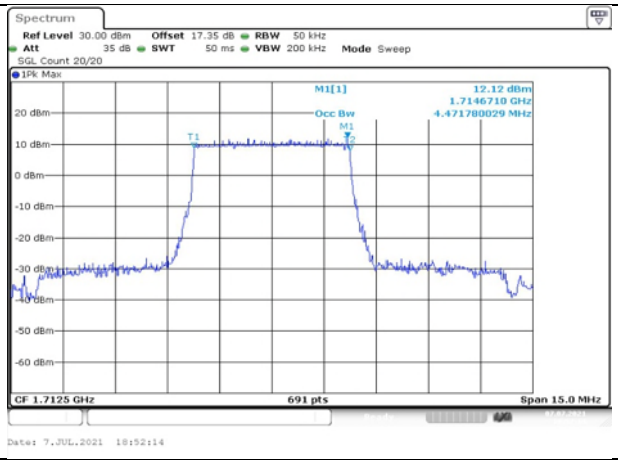

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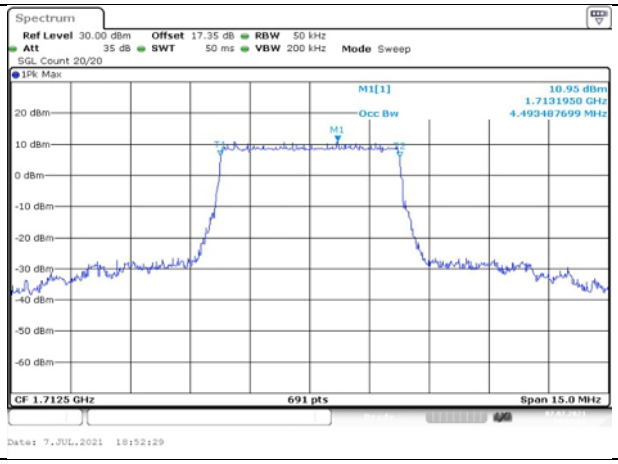

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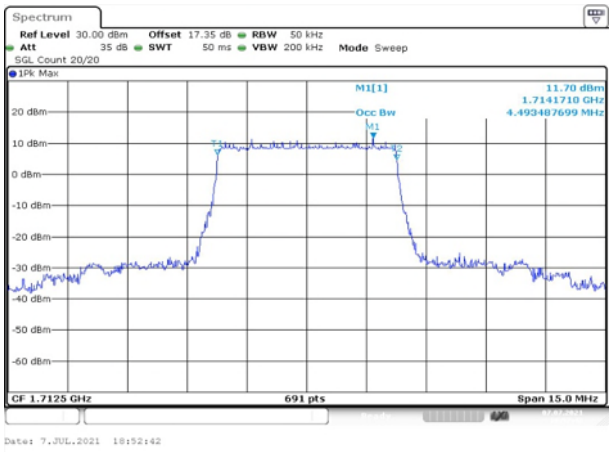

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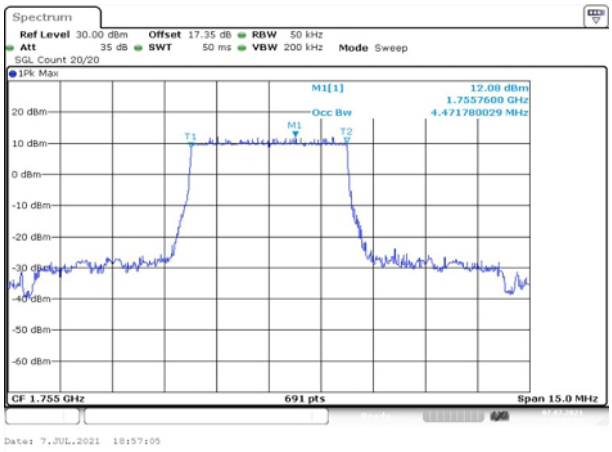

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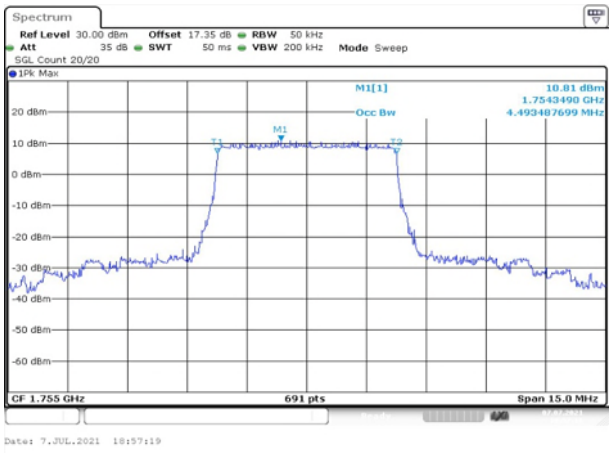

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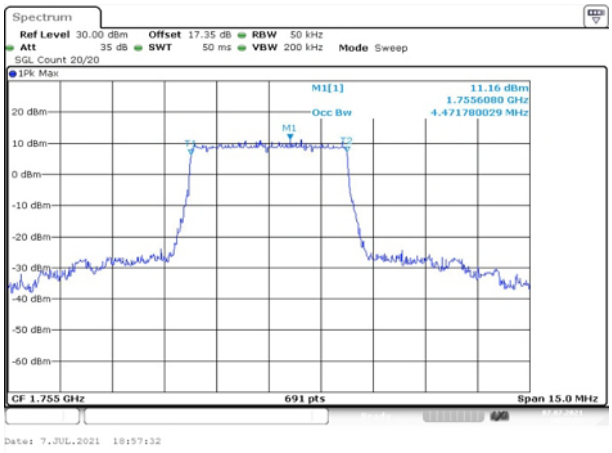

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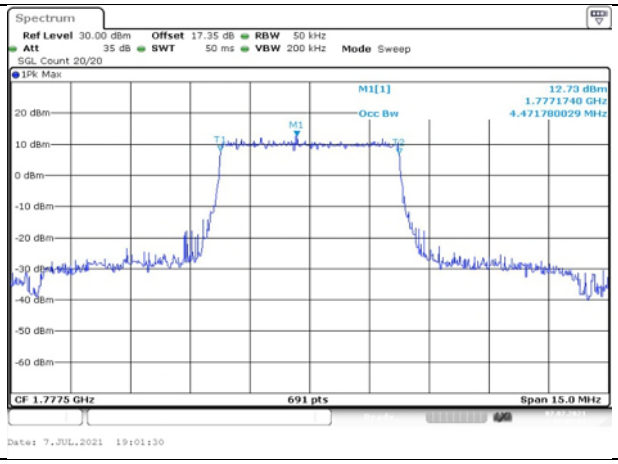

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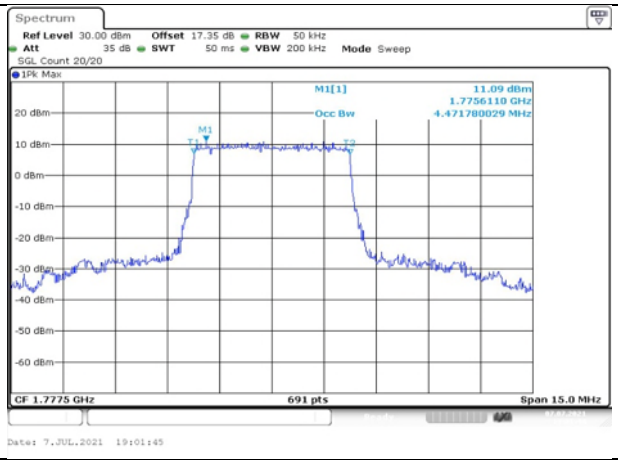

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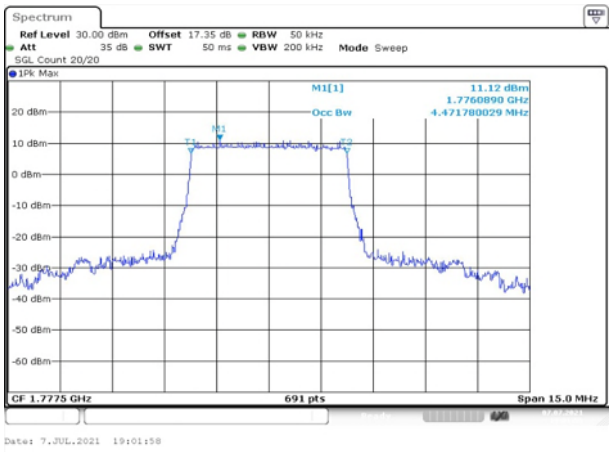

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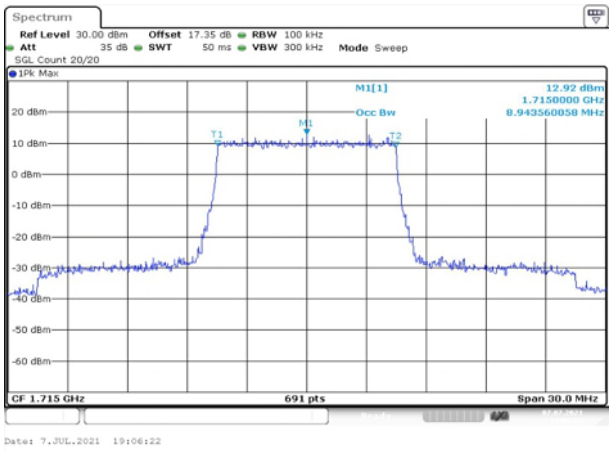

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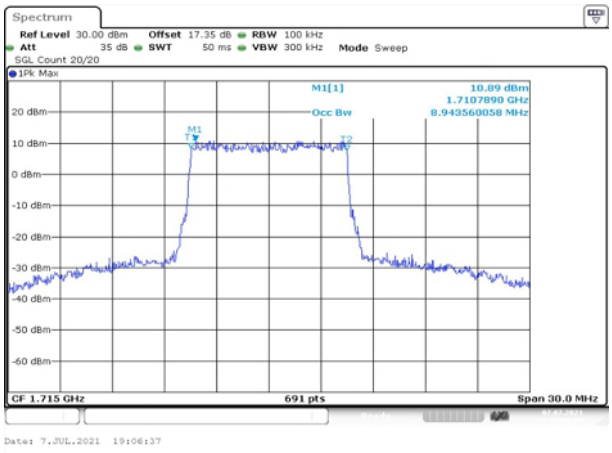

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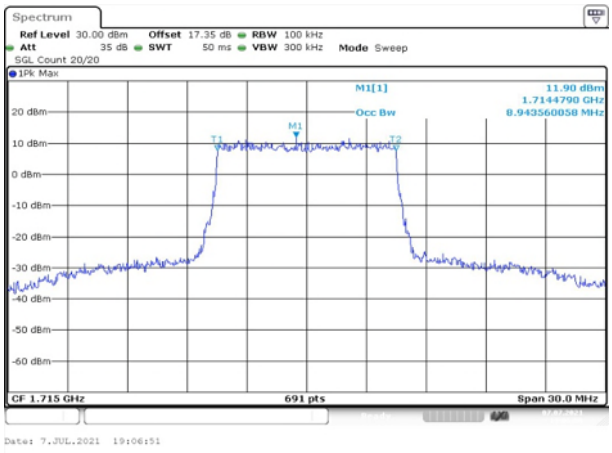

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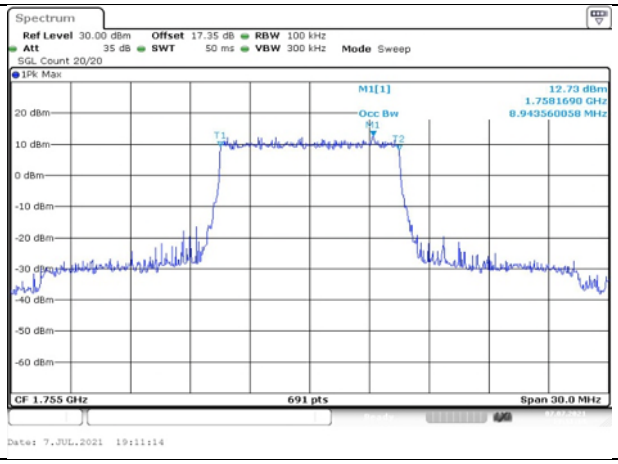

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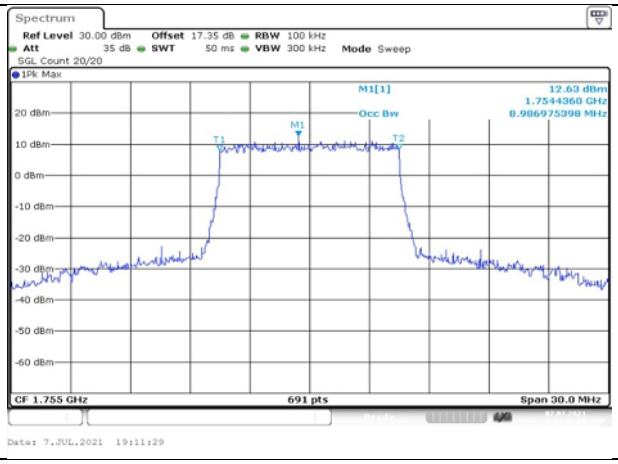

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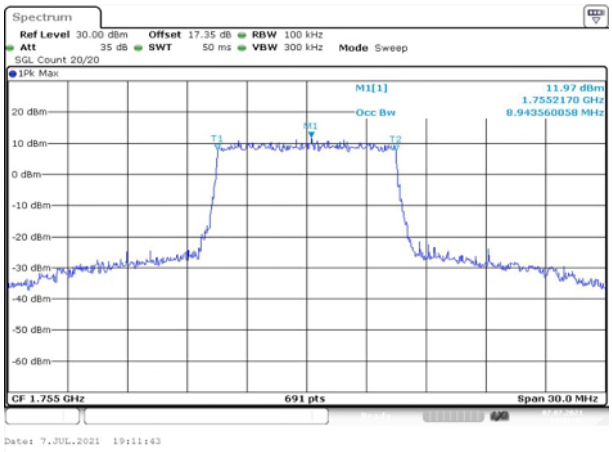

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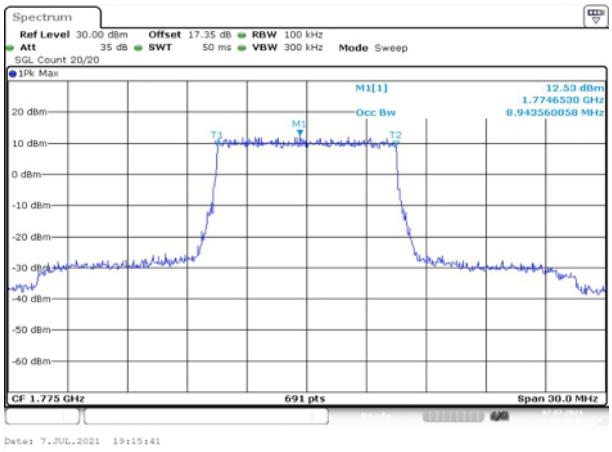

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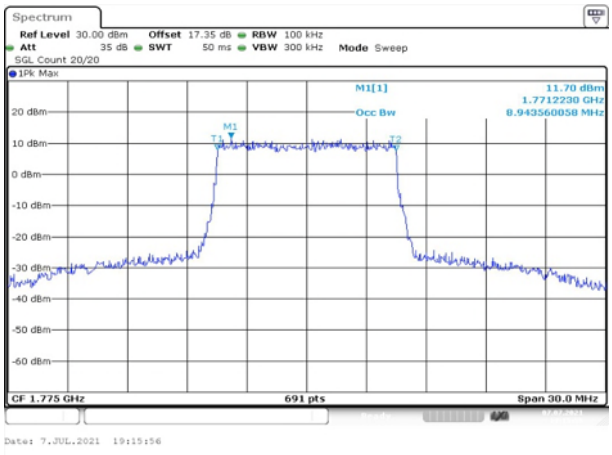

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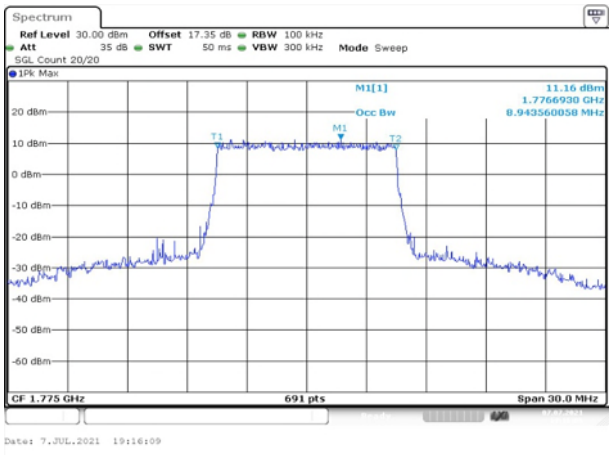

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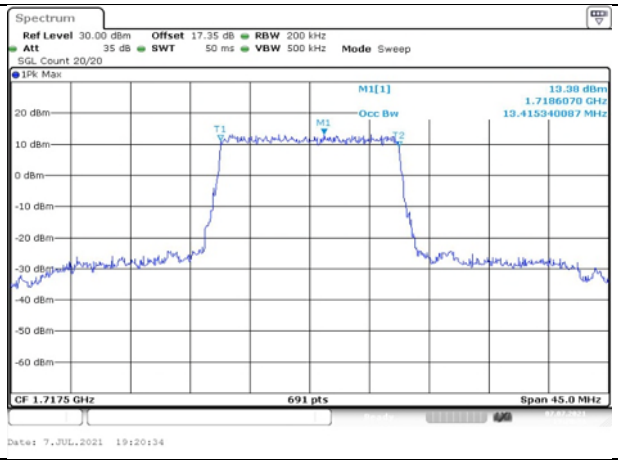

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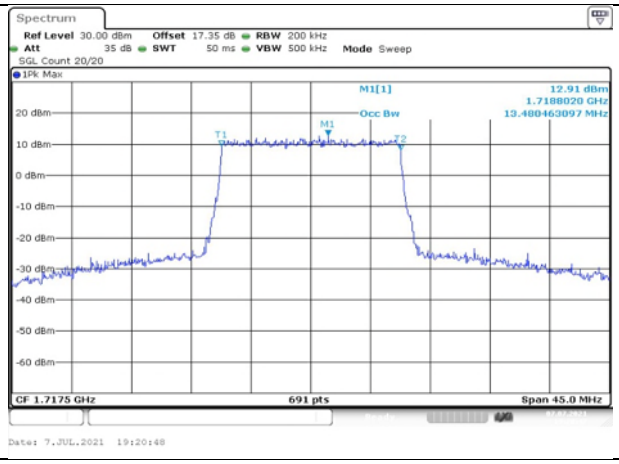

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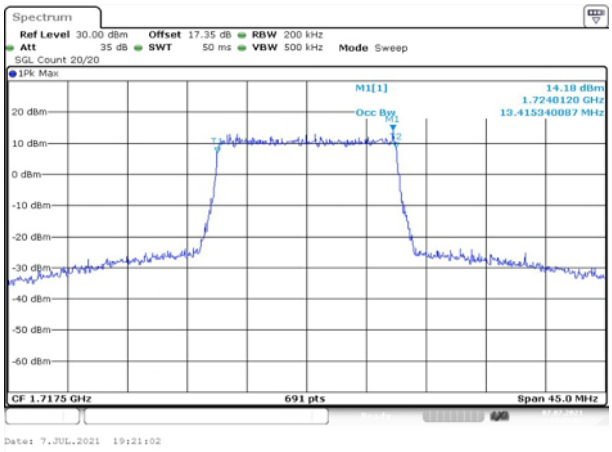

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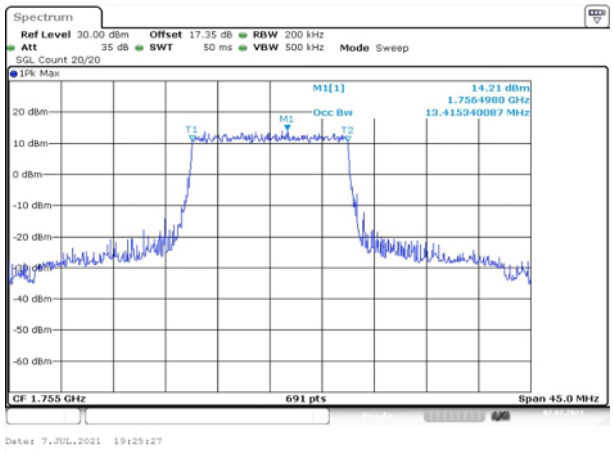

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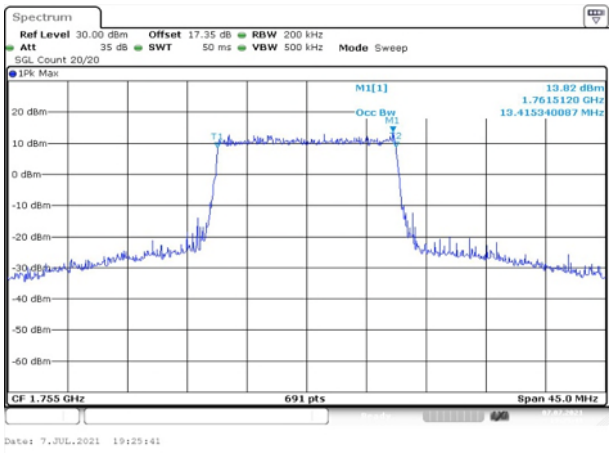

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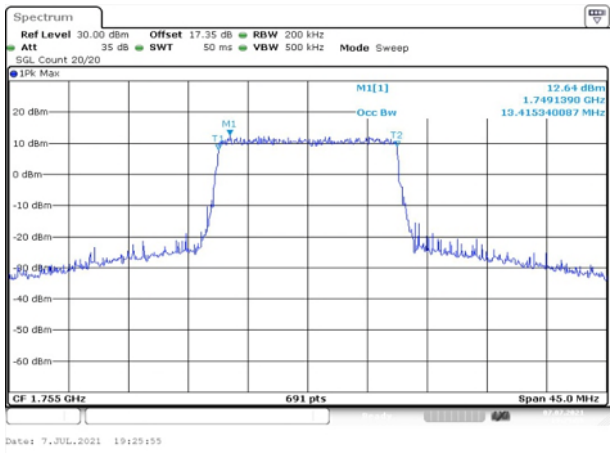

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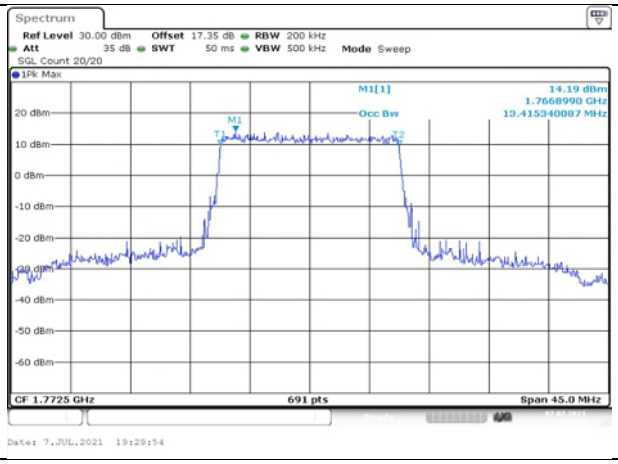

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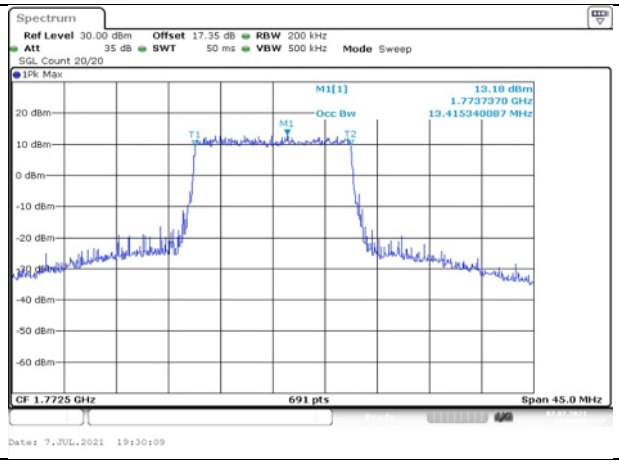

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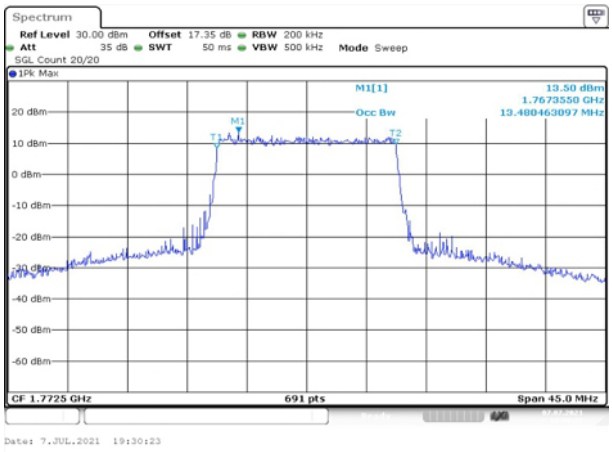

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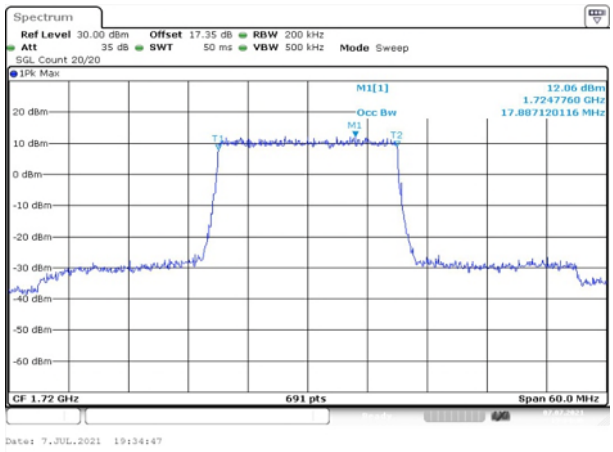

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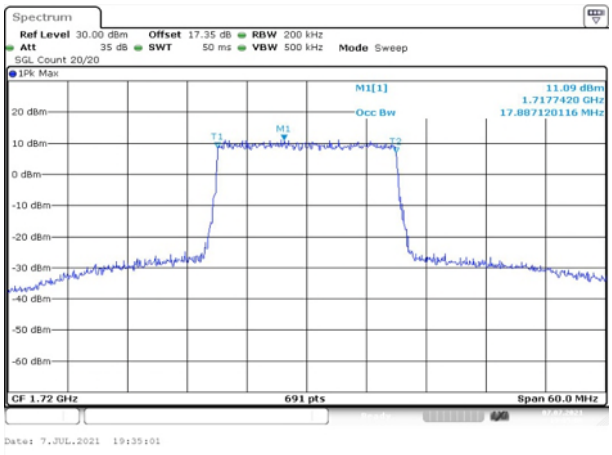

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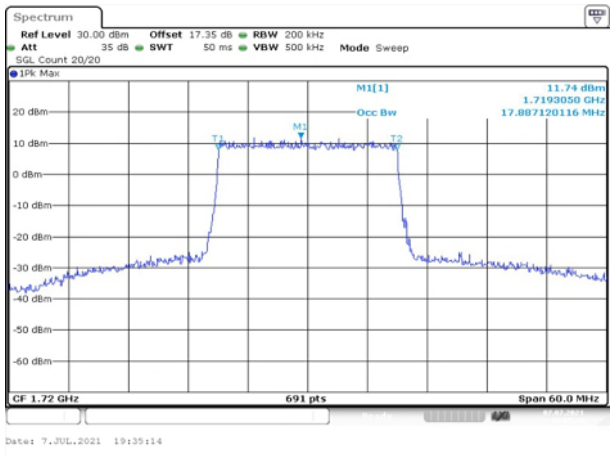

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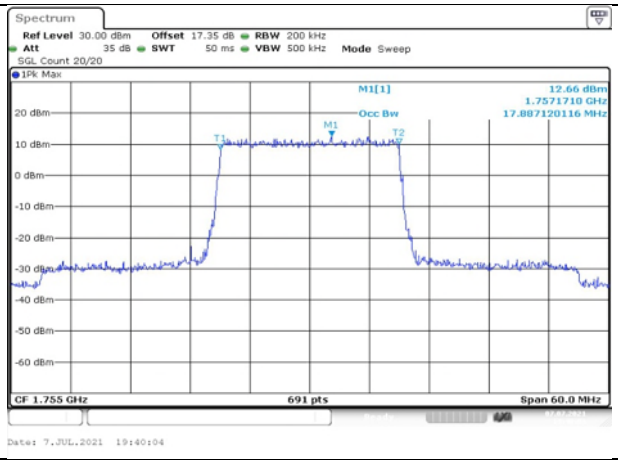
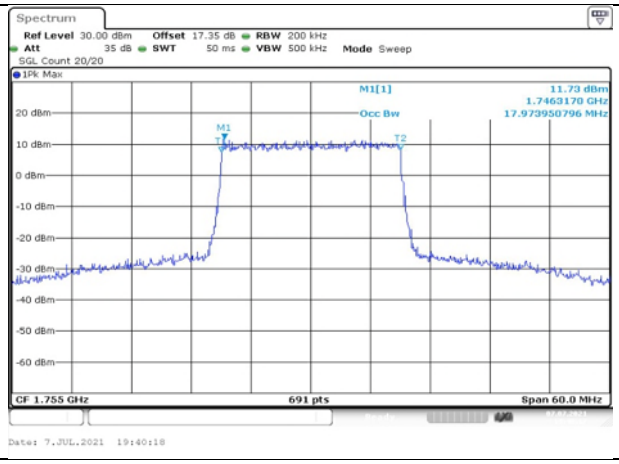


Fig.49



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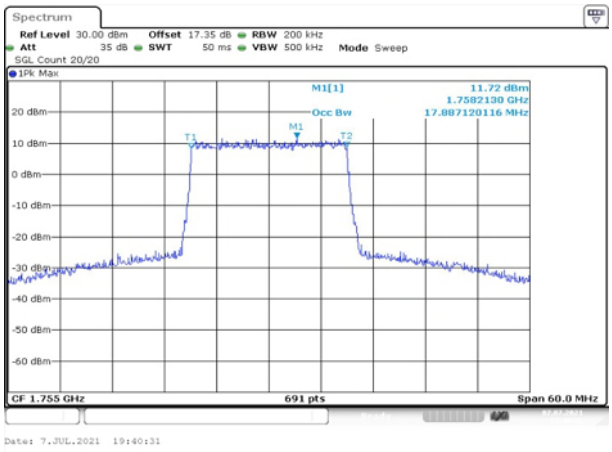

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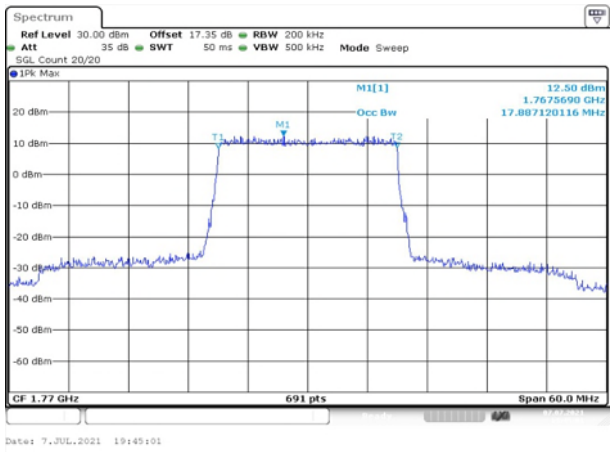

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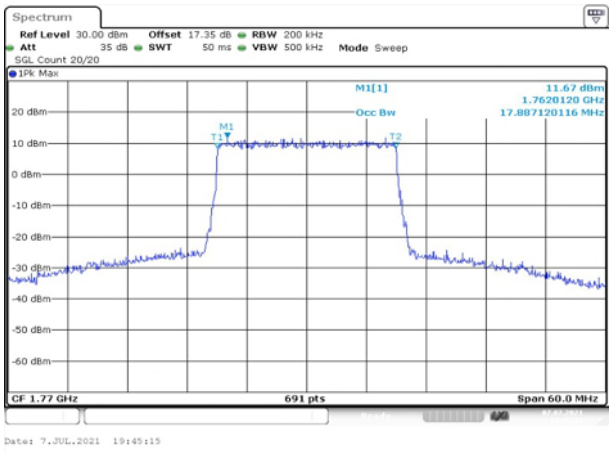

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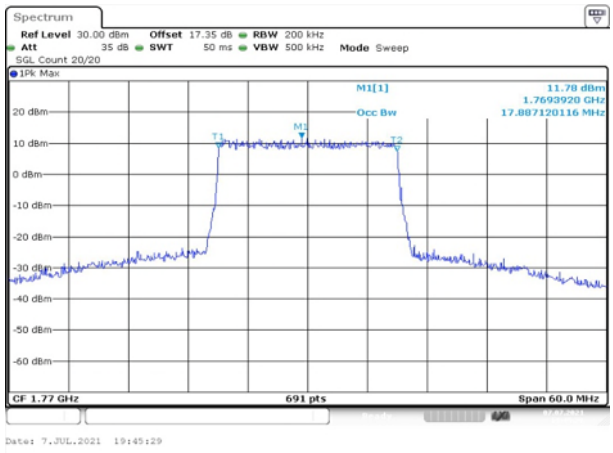


Fig.54

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	
66	1710.7	131979	1.4	6	0	1.252	Fig.1	1.246	Fig.2	1.246	Fig.3
	1755	132422		6	0	1.258	Fig.4	1.246	Fig.5	1.240	Fig.6
	1779.3	132665		6	0	1.252	Fig.7	1.252	Fig.8	1.270	Fig.9
	1711.5	131987	3	15	0	2.865	Fig.10	2.839	Fig.11	2.865	Fig.12
	1755	132422		15	0	2.865	Fig.13	2.852	Fig.14	2.852	Fig.15
	1778.5	132657		15	0	2.852	Fig.16	2.852	Fig.17	2.865	Fig.18
	1712.5	131997	5	25	0	4.993	Fig.19	5.036	Fig.20	4.971	Fig.21
	1755	132422		25	0	4.971	Fig.22	4.971	Fig.23	4.993	Fig.24
	1777.5	132647		25	0	5.014	Fig.25	4.993	Fig.26	5.014	Fig.27
	1715	132022	10	50	0	9.768	Fig.28	9.725	Fig.29	9.768	Fig.30
	1755	132422		50	0	9.725	Fig.31	9.682	Fig.32	9.768	Fig.33
	1775	132622		50	0	9.638	Fig.34	9.812	Fig.35	9.768	Fig.36
	1717.5	132047	15	75	0	14.848	Fig.37	14.783	Fig.38	14.653	Fig.39
	1755	132422		75	0	14.848	Fig.40	14.718	Fig.41	14.718	Fig.42
	1772.5	132597		75	0	14.913	Fig.43	14.848	Fig.44	14.718	Fig.45
	1720	132072	20	100	0	19.624	Fig.46	19.450	Fig.47	19.190	Fig.48
	1755	132422		100	0	19.363	Fig.49	19.363	Fig.50	19.190	Fig.51
	1770	132572		100	0	19.537	Fig.52	19.276	Fig.53	19.363	Fig.54

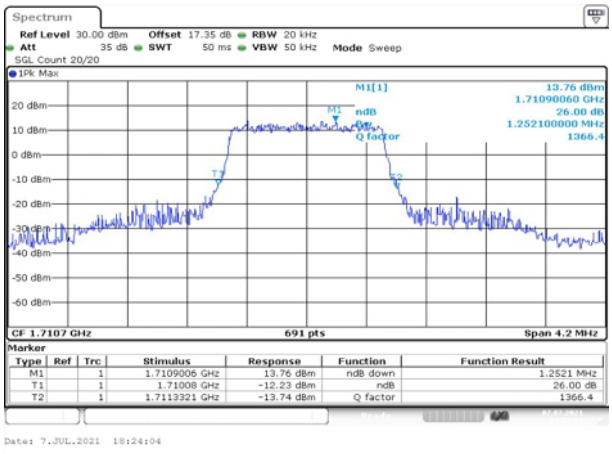


Fig.1

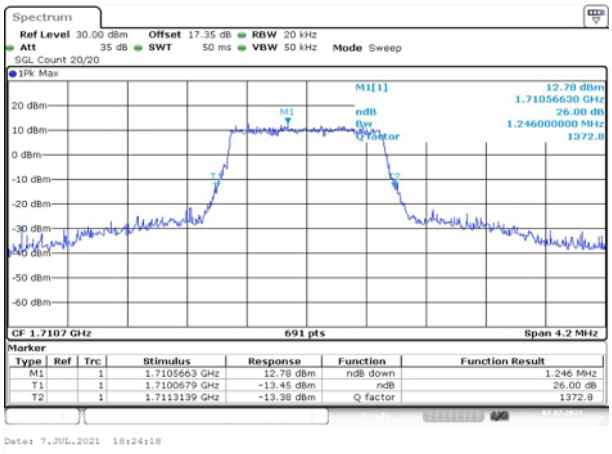


Fig.2

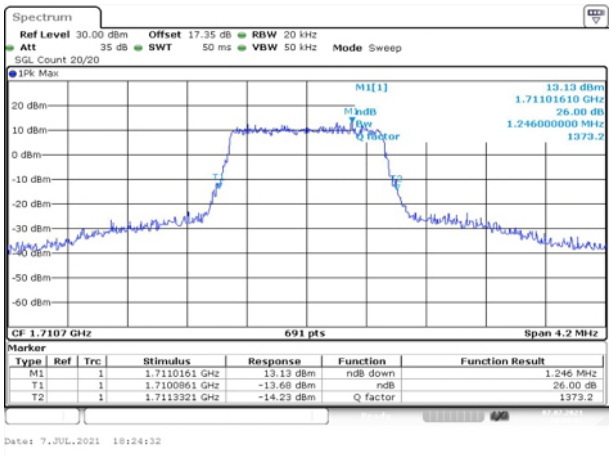


Fig.3

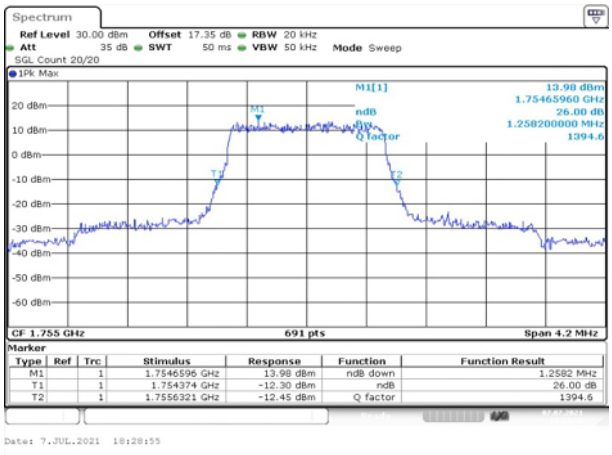


Fig.4

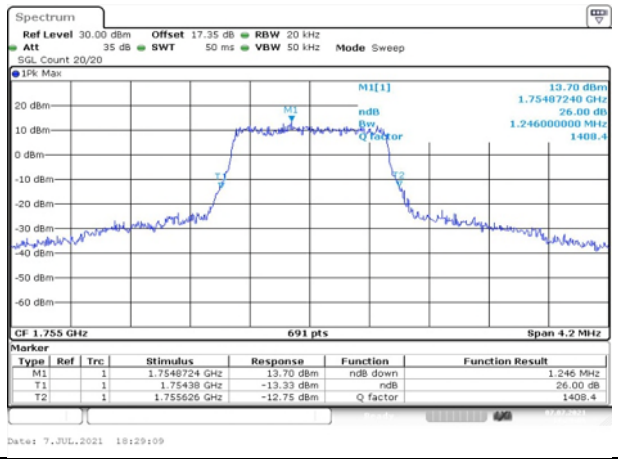


Fig.5

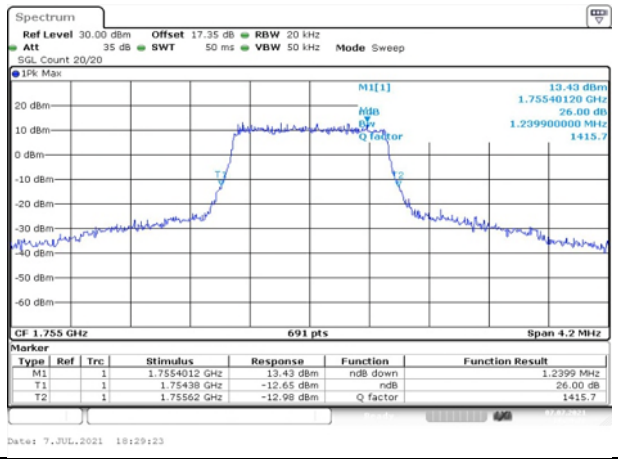


Fig.6

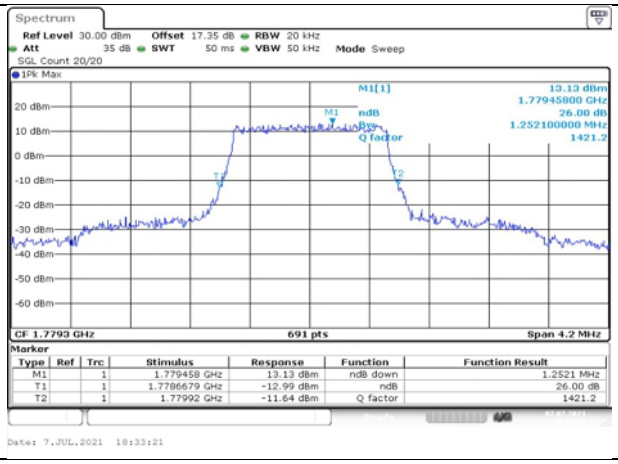


Fig.7

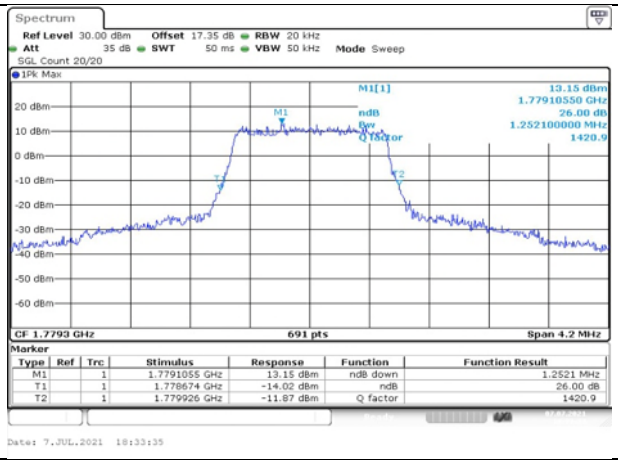


Fig.8

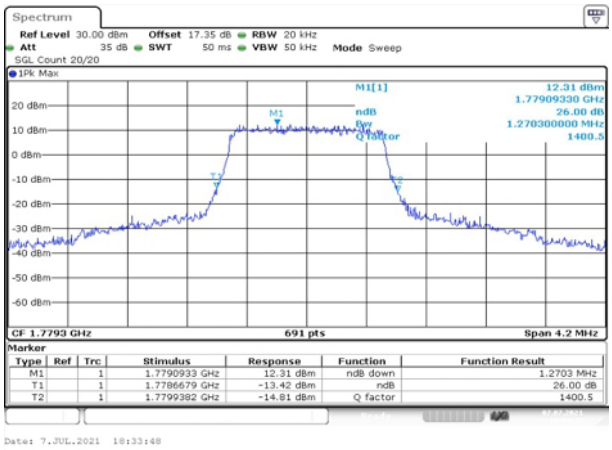


Fig.9

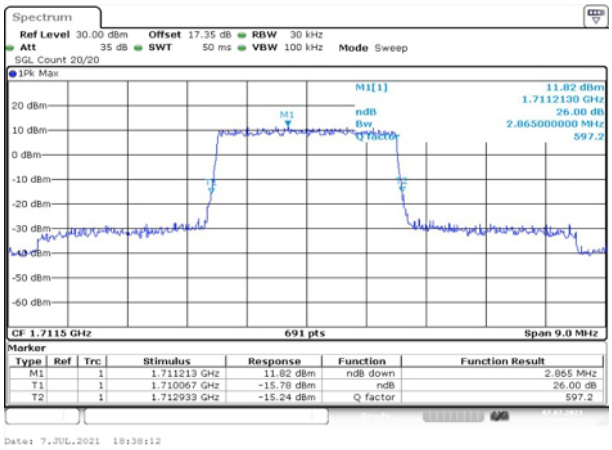


Fig.10

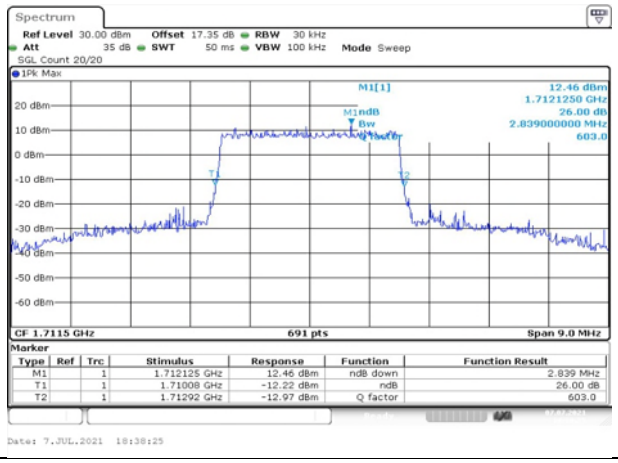


Fig.11

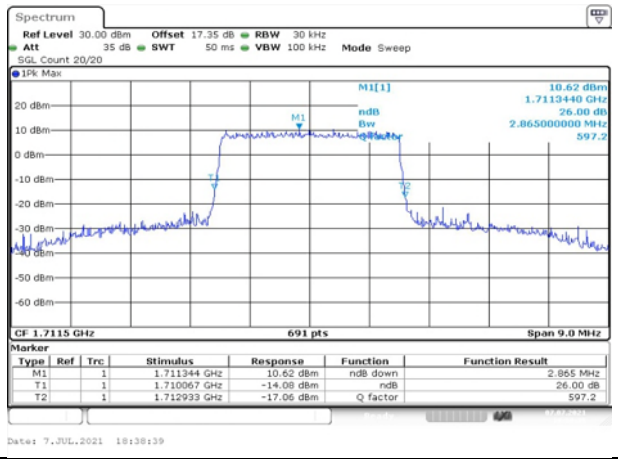


Fig.12

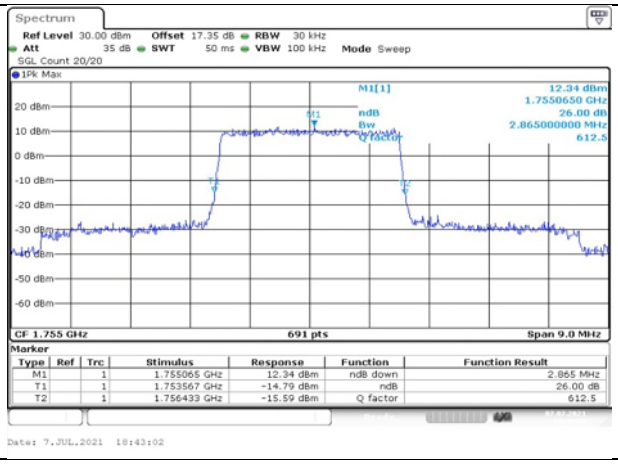


Fig.13

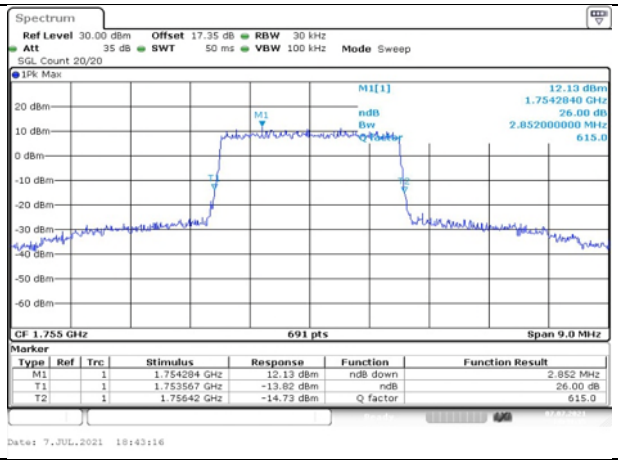
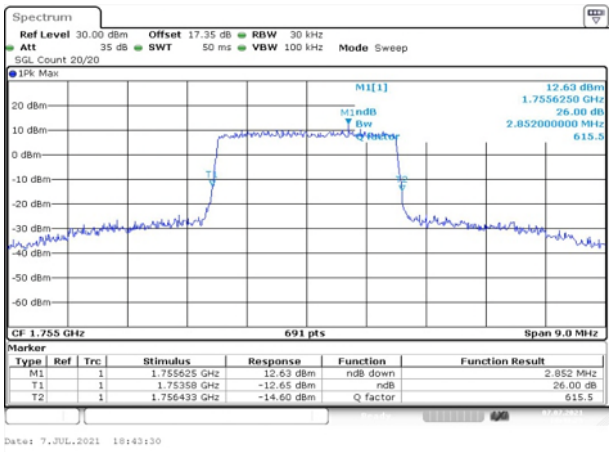


Fig.14



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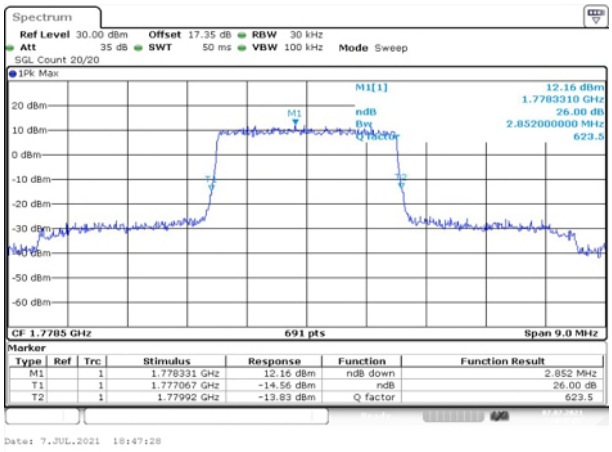

Fig.16

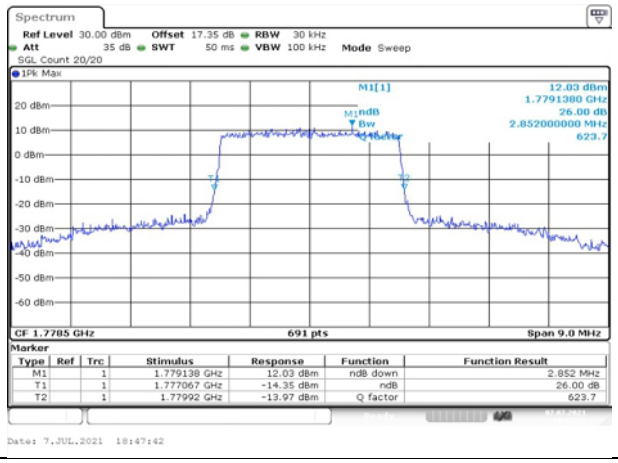

Fig.17

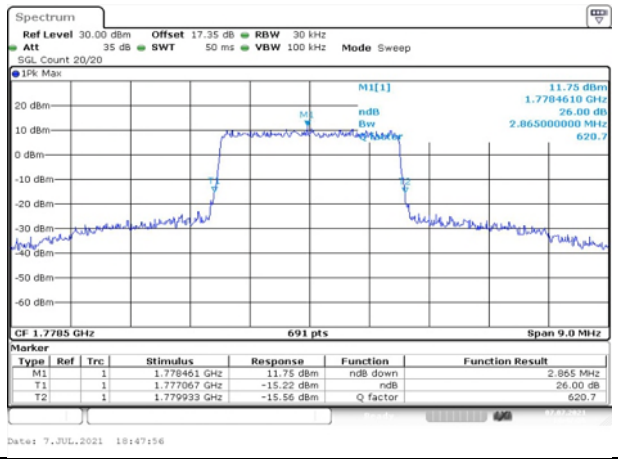

Fig.18

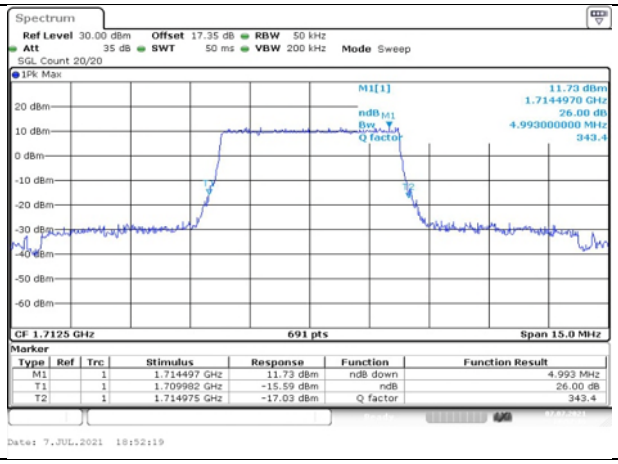

Fig.19

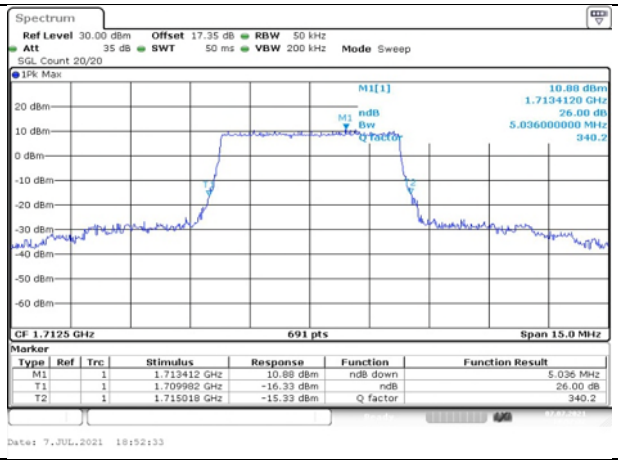

Fig.20

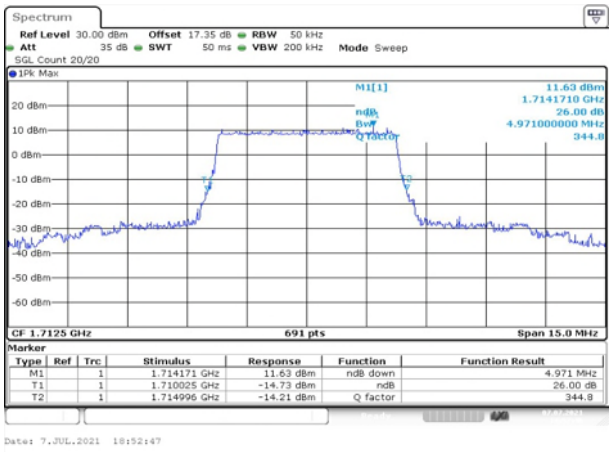

Fig.21

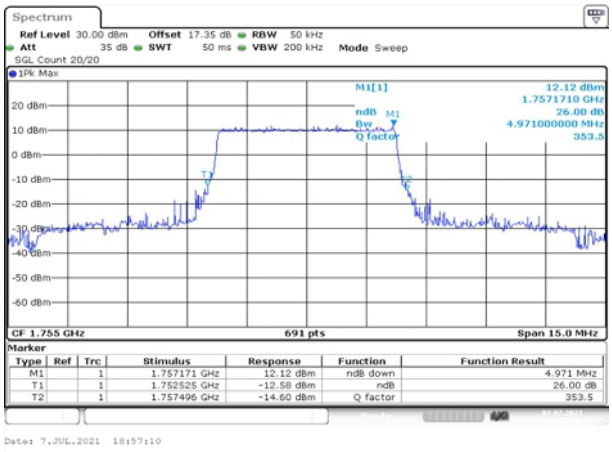

Fig.22

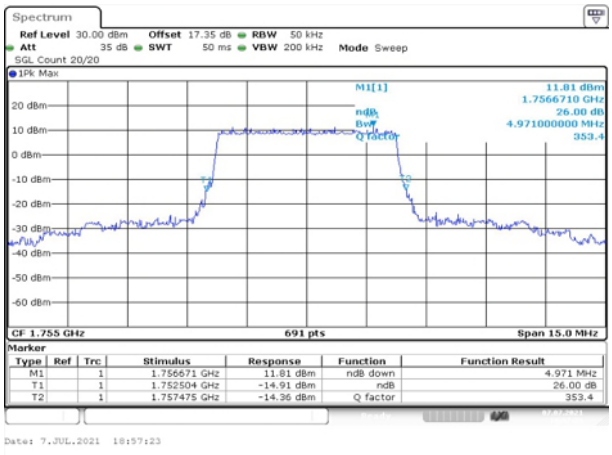

Fig.23

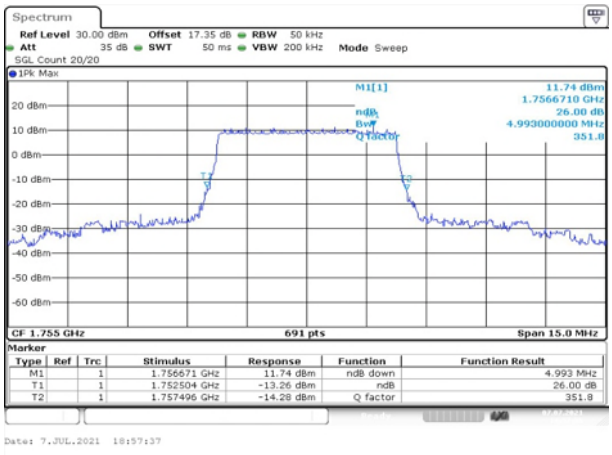

Fig.24

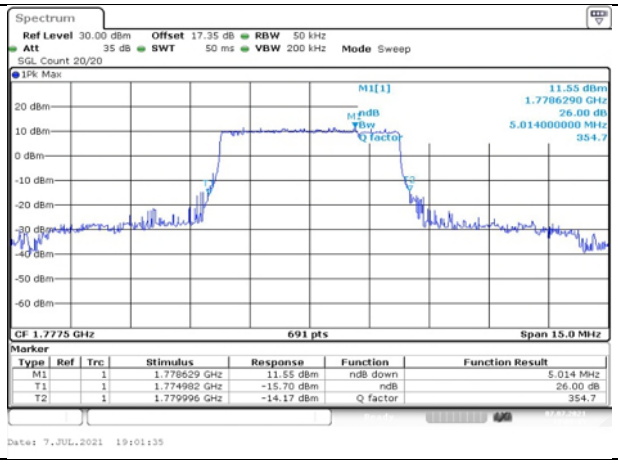

Fig.25

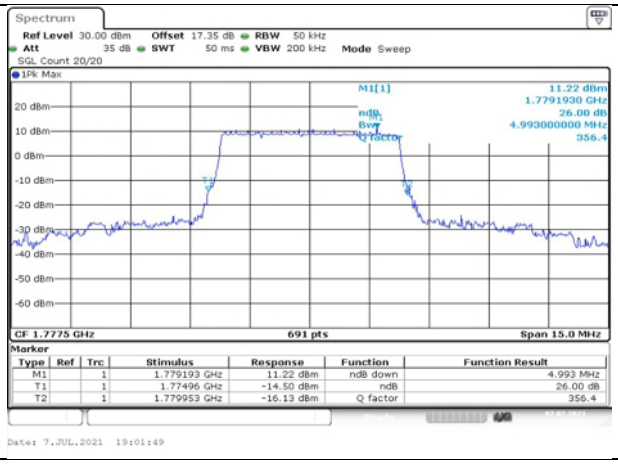

Fig.26

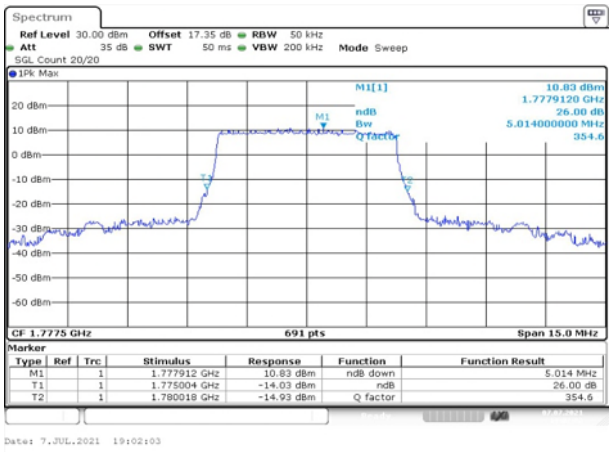

Fig.27

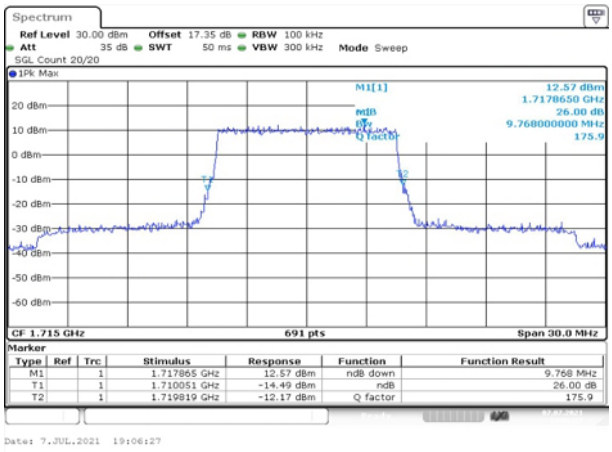

Fig.28

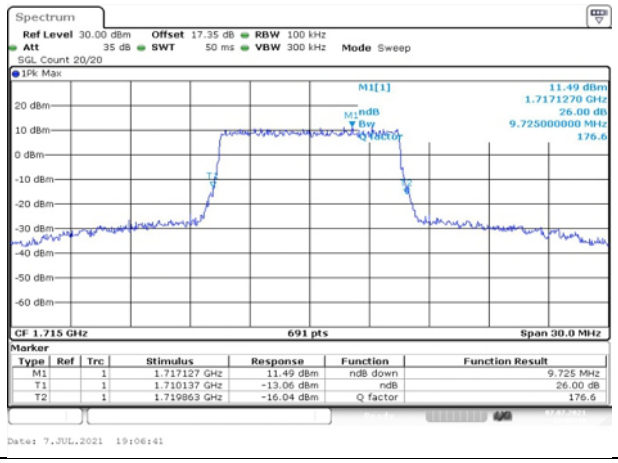

Fig.29

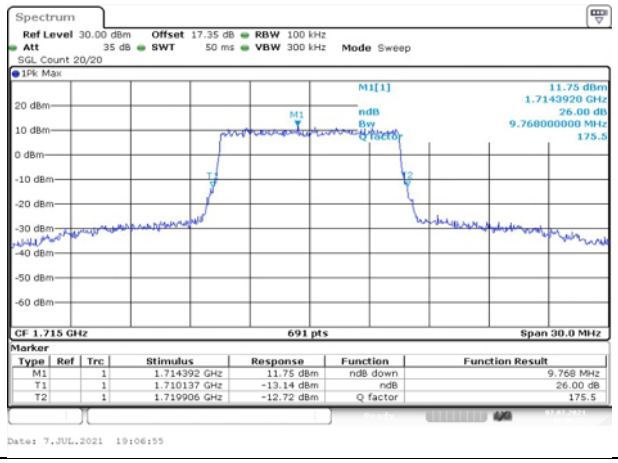

Fig.30