APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 26(824-849)

1 RF Power Output

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	824.7	26797	1.4	1	0	23.48
				1	3	23.42
				1	5	23.49
				3	0	23.52
				3	1	23.48
				3	3	23.45
				6	0	22.50
	836.5	26915		1	0	23.36
				1	3	23.43
				1	5	23.41
				3	0	23.39
				3	1	23.36
				3	3	23.35
				6	0	22.54
	848.3	27033		1	0	23.46
				1	3	23.37
				1	5	23.48
				3	0	23.49
				3	1	23.47
				3	3	23.60
				6	0	22.44
16QAM	824.7	26797		1	0	23.05
				1	3	23.06
				1	5	23.15
				3	0	22.34
				3	1	22.34
				3	3	22.33
				6	0	22.06
	836.5	26915		1	0	23.71
				1	3	23.42
				1	5	23.53
				3	0	22.44
				3	1	22.55
				3	3	22.55
				6	0	21.75
	848.3	27033		1	0	22.34
				1	3	22.29
				1	5	22.28
				3	0	22.63
				3	1	22.58
				3	3	22.57
				6	0	22.13

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	824.7	26797	1.4	1	0	21.96
				1	3	22.03
				1	5	22.02
				3	0	22.01
				3	1	22.01
				3	3	22.00
				6	0	21.99
	836.5	26915		1	0	21.76
				1	3	21.71
				1	5	21.73
				3	0	21.74
				3	1	21.75
				3	3	21.73
				6	0	21.75
	848.3	27033		1	0	22.13
				1	3	22.13
				1	5	22.13
				3	0	22.13
				3	1	22.13
				3	3	22.16
				6	0	22.12

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	825.5	26805	3	1	0	23.40
				1	8	23.42
				1	14	23.40
				8	0	22.53
				8	4	22.49
				8	7	22.49
				15	0	22.52
	836.5	26915		1	0	23.57
				1	8	23.49
				1	14	23.48
				8	0	23.01
				8	4	22.55
				8	7	22.55
				15	0	22.57
	847.5	27025		1	0	23.45
				1	8	23.48
				1	14	23.53
				8	0	22.39
				8	4	22.42
				8	7	22.43
				15	0	22.44
16QAM	825.5	26805		1	0	22.57
				1	8	22.51
				1	14	22.51
				8	0	22.19
				8	4	22.17
				8	7	22.23
				15	0	21.93
	836.5	26915		1	0	23.09
				1	8	22.61
				1	14	22.61
				8	0	21.98
				8	4	21.55
				8	7	21.66
				15	0	21.62
	847.5	27025		1	0	22.18
				1	8	22.20
				1	14	22.19
				8	0	22.16
				8	4	22.09
				8	7	22.09
				15	0	21.93

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	825.5	26805	3	1	0	21.94
				1	8	22.09
				1	14	22.09
				8	0	21.98
				8	4	21.98
				8	7	21.98
				15	0	22.09
	836.5	26915		1	0	21.63
				1	8	21.62
				1	14	21.63
				8	0	21.63
				8	4	21.64
				8	7	21.64
				15	0	21.53
	847.5	27025		1	0	21.94
				1	8	21.97
				1	14	21.98
				8	0	21.94
				8	4	21.94
				8	7	21.95
				15	0	21.94

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	826.5	26815	5	1	0	23.36
				1	12	23.55
				1	24	23.52
				12	0	22.45
				12	7	22.39
				12	13	22.39
				25	0	22.43
	836.5	26915		1	0	23.54
				1	12	23.44
				1	24	23.43
				12	0	22.97
				12	7	22.49
				12	13	22.49
				25	0	22.53
	846.5	27015		1	0	23.33
				1	12	23.42
				1	24	23.37
				12	0	22.48
				12	7	22.41
				12	13	22.40
				25	0	22.48
16QAM	826.5	26815		1	0	21.99
				1	12	22.04
				1	24	22.06
				12	0	22.01
				12	7	21.94
				12	13	21.94
				25	0	22.04
	836.5	26915		1	0	22.86
				1	12	22.35
				1	24	22.35
				12	0	21.89
				12	7	21.34
				12	13	21.51
				25	0	21.51
	846.5	27015		1	0	22.09
				1	12	22.02
				1	24	22.01
				12	0	21.39
				12	7	21.87
				12	13	21.86
				25	0	21.91

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	826.5	26815	5	1	0	22.04
				1	12	22.04
				1	24	22.04
				12	0	22.04
				12	7	22.04
				12	13	22.04
				25	0	22.04
	836.5	26915		1	0	21.51
				1	12	21.56
				1	24	21.51
				12	0	21.51
				12	7	21.51
				12	13	21.58
				25	0	21.58
	846.5	27015		1	0	21.92
				1	12	21.92
				1	24	21.95
				12	0	21.95
				12	7	21.80
				12	13	21.85
				25	0	21.95

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	829	26840	10	1	0	23.42
				1	25	23.38
				1	49	23.35
				25	0	22.66
				25	12	22.36
				25	25	22.35
				50	0	22.86
	836.5	26915		1	0	23.50
				1	25	23.38
				1	49	23.33
				25	0	22.98
				25	12	22.54
				25	25	22.53
				50	0	22.44
	844	26990		1	0	23.31
				1	25	23.33
				1	49	23.29
				25	0	22.36
				25	12	22.38
				25	25	22.38
				50	0	22.86
16QAM	829	26840		1	0	22.79
				1	25	22.74
				1	49	22.74
				25	0	22.06
				25	12	22.12
				25	25	22.12
				50	0	21.83
	836.5	26915		1	0	21.92
				1	25	22.01
				1	49	22.01
				25	0	22.08
				25	12	21.55
				25	25	21.55
				50	0	21.55
	844	26990		1	0	22.62
				1	25	22.56
				1	49	22.55
				25	0	21.96
				25	12	21.94
				25	25	21.95
				50	0	22.05

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	829	26840	10	1	0	21.84
				1	25	21.84
				1	49	21.84
				25	0	21.84
				25	12	21.84
				25	25	21.84
				50	0	21.83
	836.5	26915		1	0	21.55
				1	25	21.55
				1	49	21.55
				25	0	21.55
				25	12	21.55
				25	25	21.54
				50	0	21.55
	844	26990		1	0	22.06
				1	25	22.06
				1	49	22.06
				25	0	22.01
				25	12	22.06
				25	25	22.06
				50	0	22.06

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	831.5	26865	15	1	0	23.50
				1	37	23.40
				1	74	23.45
				36	0	22.84
				36	29	23.00
				36	30	22.99
				75	0	22.53
	836.5	26915		1	0	23.64
				1	37	23.55
				1	74	23.56
				36	0	22.40
				36	29	22.41
				36	30	22.41
				75	0	22.40
	841.5	26965		1	0	23.42
				1	37	23.46
				1	74	23.38
				36	0	22.45
				36	29	22.48
				36	30	22.84
				75	0	22.42
16QAM	831.5	26865		1	0	22.85
				1	37	22.84
				1	74	22.84
				36	0	21.85
				36	29	22.04
				36	30	22.05
				75	0	22.04
	836.5	26915		1	0	23.58
				1	37	23.57
				1	74	23.47
				36	0	22.06
				36	29	22.07
				36	30	22.08
				75	0	21.69
	841.5	26965		1	0	23.44
				1	37	22.82
				1	74	22.81
				36	0	21.51
				36	29	21.46
				36	30	21.47
				75	0	22.04

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	831.5	26865	15	1	0	22.04
				1	37	22.04
				1	74	22.04
				36	0	22.04
				36	29	22.04
				36	30	22.04
				75	0	22.04
	836.5	26915		1	0	21.70
				1	37	21.70
				1	74	21.70
				36	0	21.70
				36	29	21.70
				36	30	21.71
				75	0	21.71
	841.5	26965		1	0	22.04
				1	37	22.06
				1	74	22.06
				36	0	22.02
				36	29	22.02
				36	30	22.02
				75	0	22.00

2 Occupied Bandwidth

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)					
						QPSK		16-QAM		64-QAM	
26	824.7	26797	1.4	6	0	1.082	Fig.1	1.088	Fig.2	1.088	Fig.3
	836.5	26915		6	0	1.088	Fig.4	1.082	Fig.5	1.082	Fig.6
	848.3	27033		6	0	1.082	Fig.7	1.082	Fig.8	1.082	Fig.9
	825.5	26805	3	15	0	2.696	Fig.10	2.683	Fig.11	2.683	Fig.12
	836.5	26915		15	0	2.683	Fig.13	2.683	Fig.14	2.683	Fig.15
	847.5	27025		15	0	2.683	Fig.16	2.696	Fig.17	2.696	Fig.18
	826.5	26815	5	25	0	4.472	Fig.19	4.472	Fig.20	4.472	Fig.21
	836.5	26915		25	0	4.472	Fig.22	4.472	Fig.23	4.472	Fig.24
	846.5	27015		25	0	4.472	Fig.25	4.472	Fig.26	4.472	Fig.27
	829	26840	10	50	0	8.944	Fig.28	8.944	Fig.29	8.944	Fig.30
	836.5	26915		50	0	8.944	Fig.31	8.944	Fig.32	8.944	Fig.33
	844	26990		50	0	8.944	Fig.34	8.944	Fig.35	8.944	Fig.36
	831.5	26865	15	75	0	13.415	Fig.37	13.415	Fig.38	13.415	Fig.39
	836.5	26915		75	0	13.415	Fig.40	13.480	Fig.41	13.415	Fig.42
	841.5	26965		75	0	13.415	Fig.43	13.415	Fig.44	13.415	Fig.45

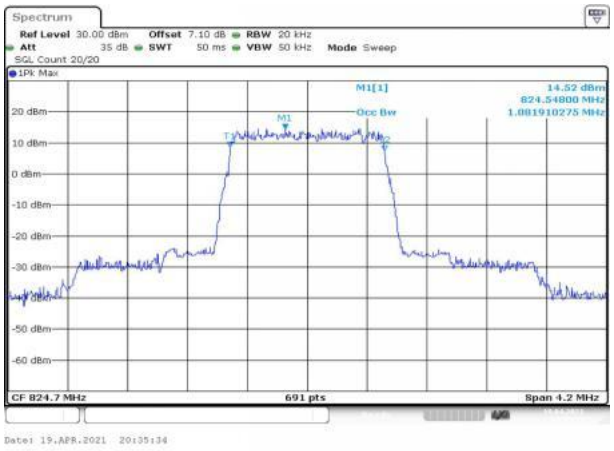


Fig.1

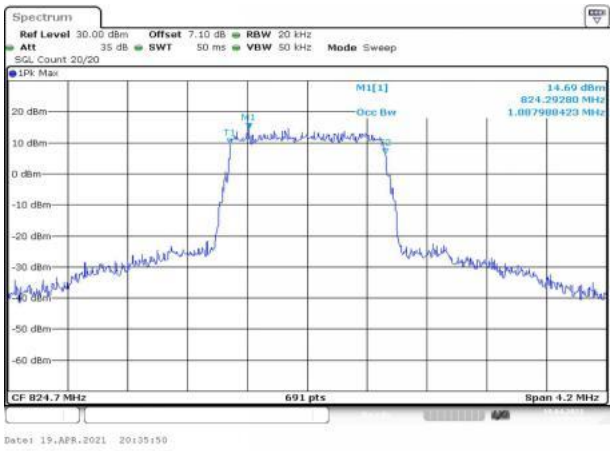


Fig.2

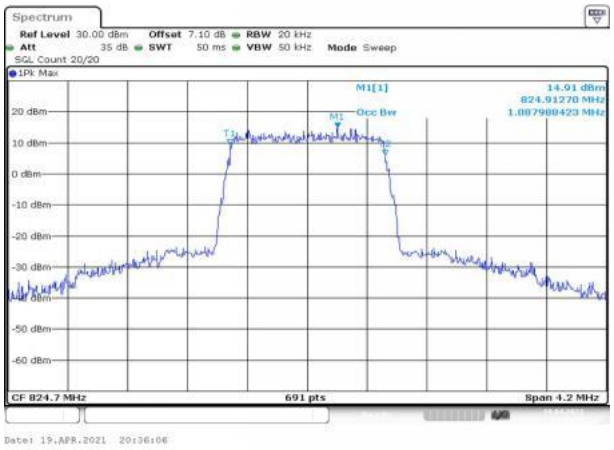


Fig.3

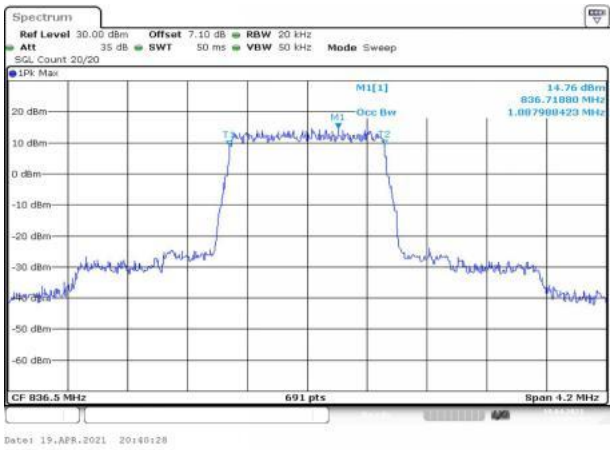


Fig.4

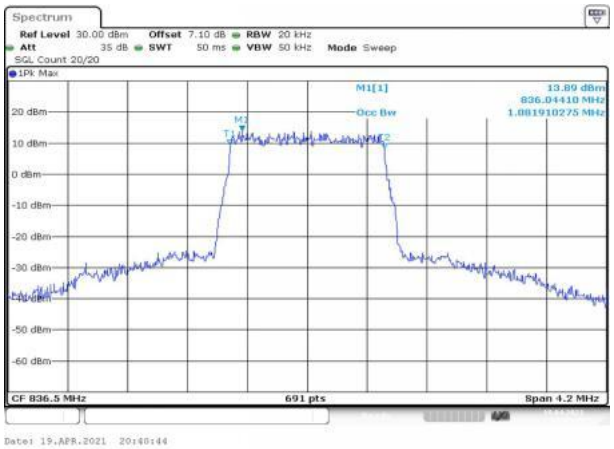


Fig.5

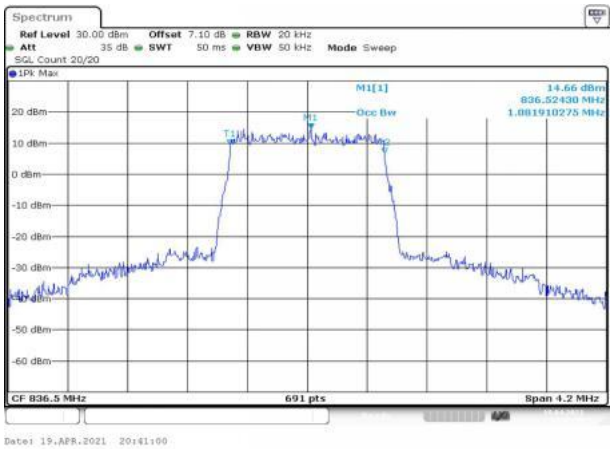


Fig.6

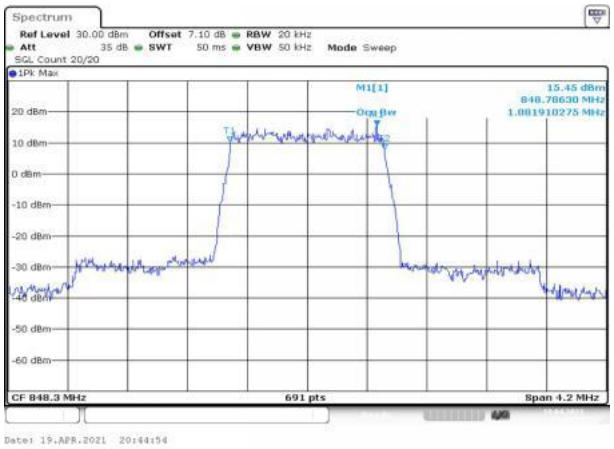


Fig.7

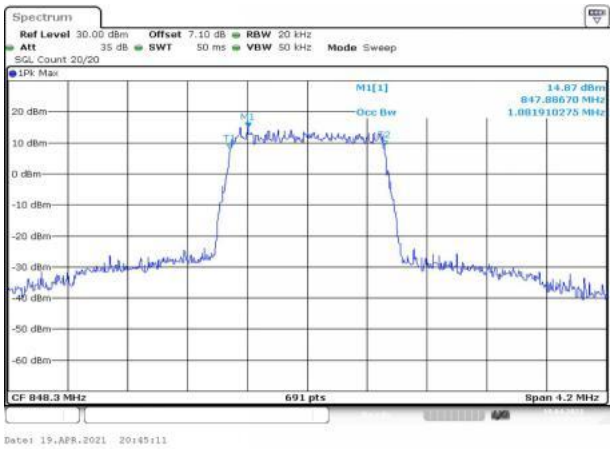


Fig.8

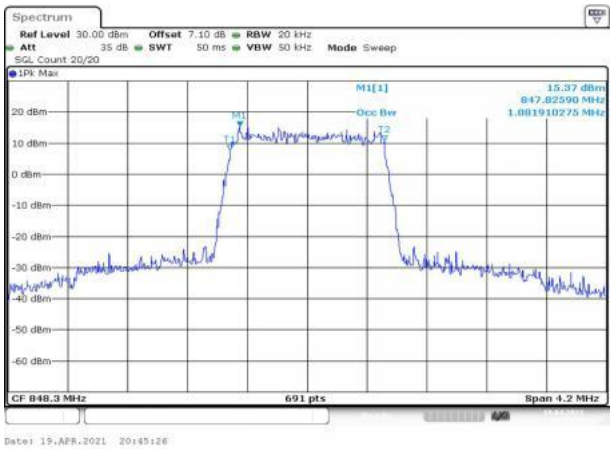


Fig.9

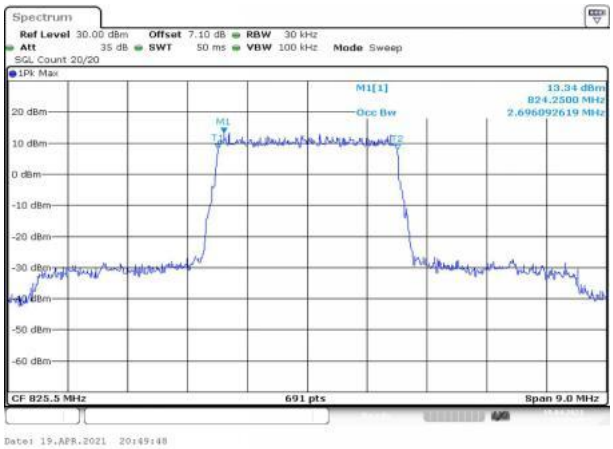


Fig.10

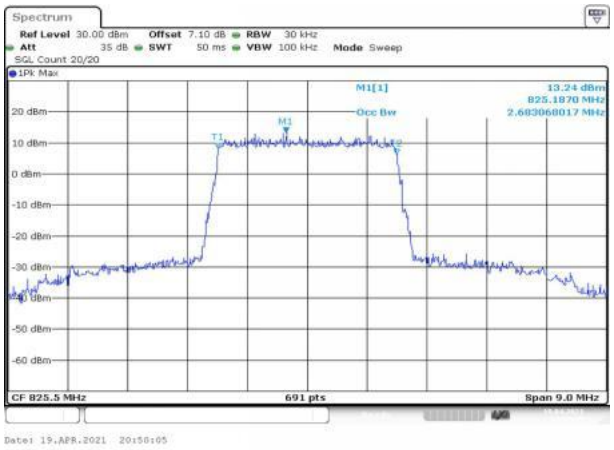


Fig.11

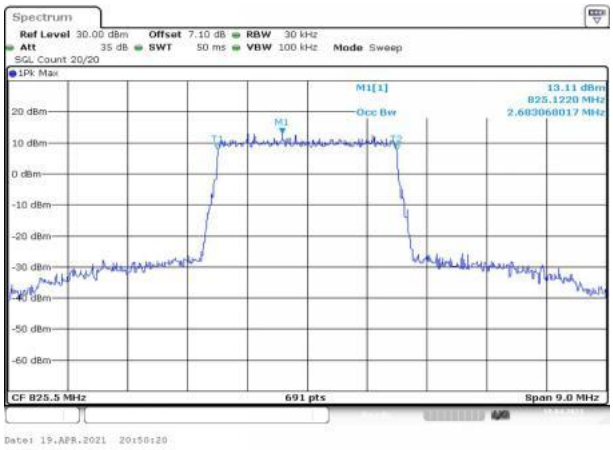


Fig.12

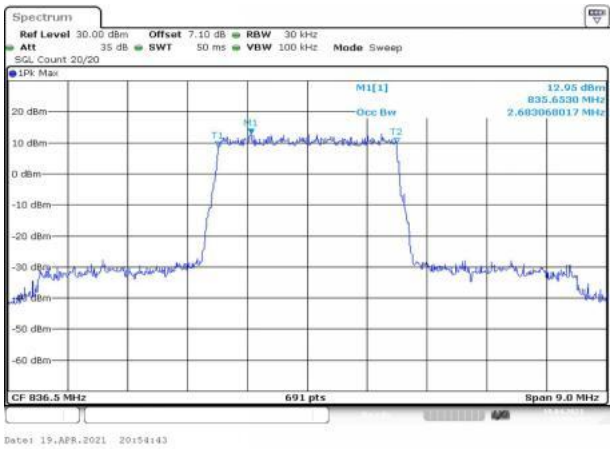


Fig.13

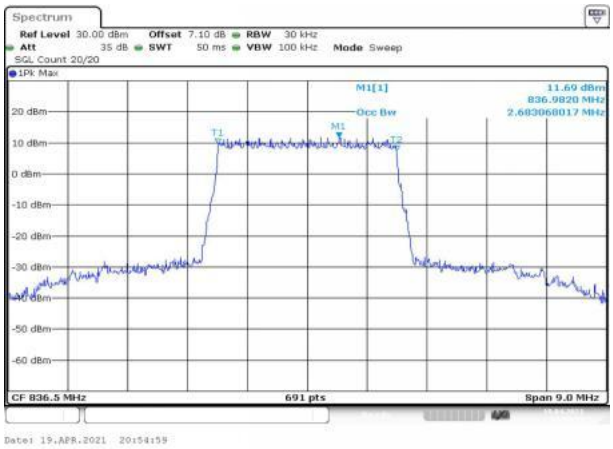


Fig.14

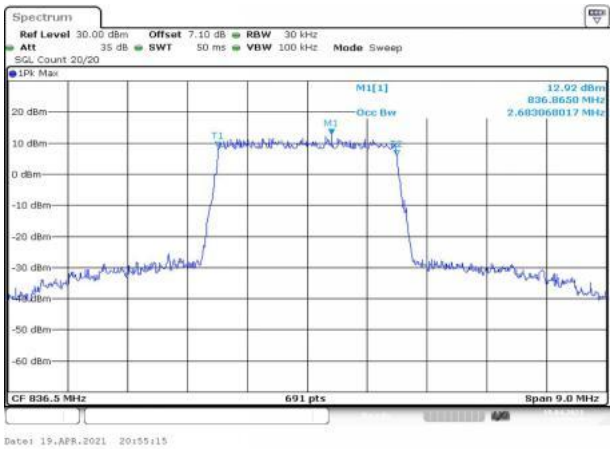


Fig.15

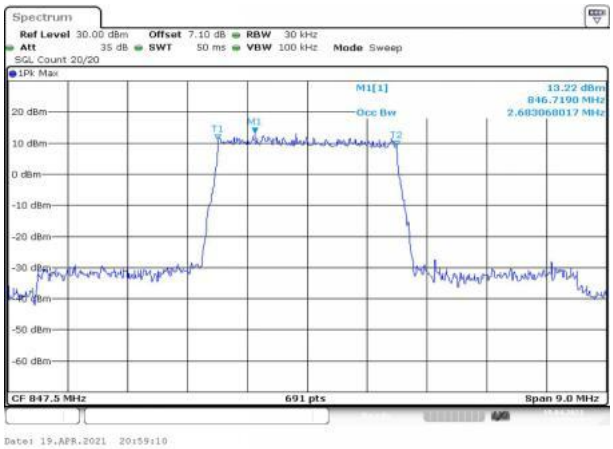


Fig.16

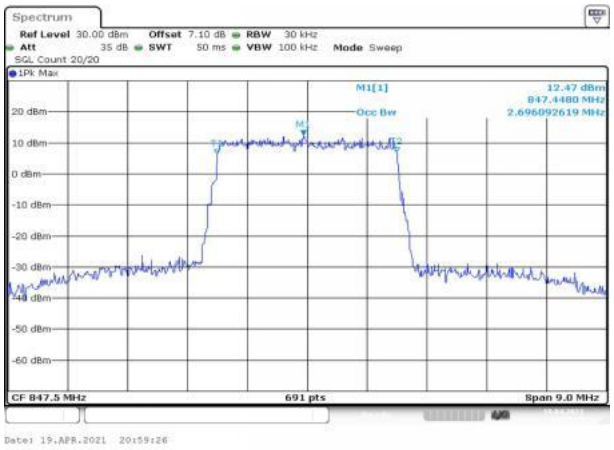


Fig.17

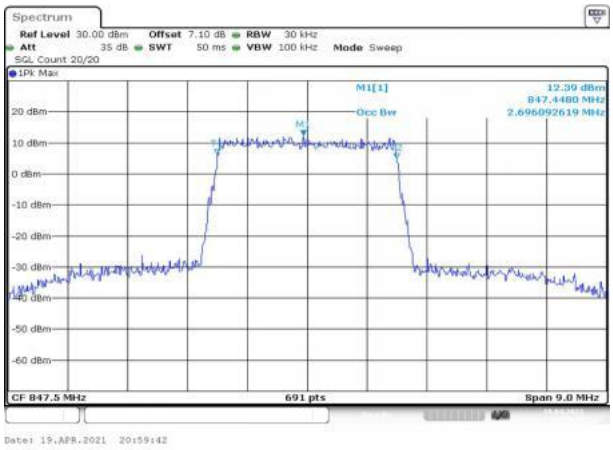


Fig.18

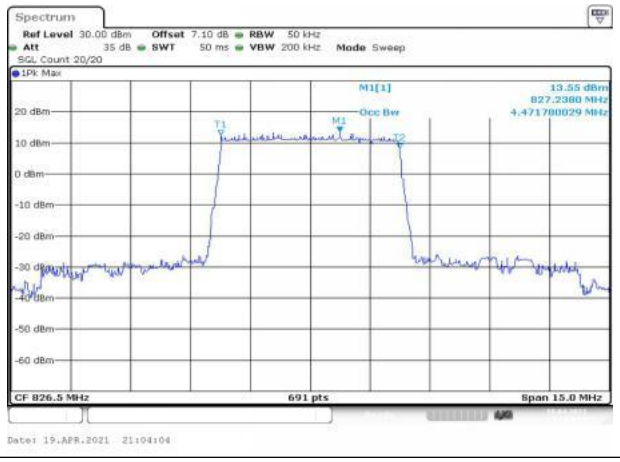


Fig.19

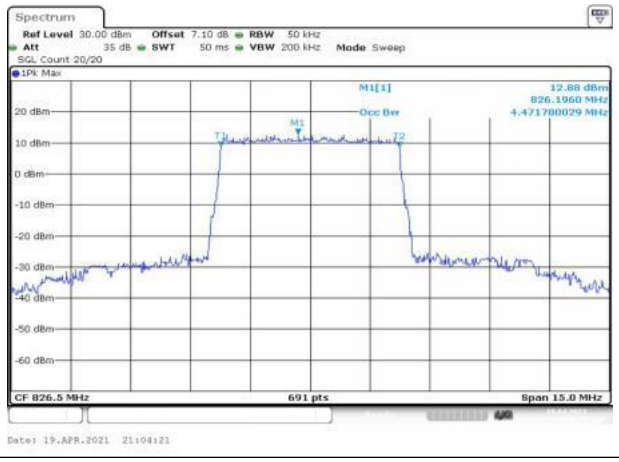


Fig.20

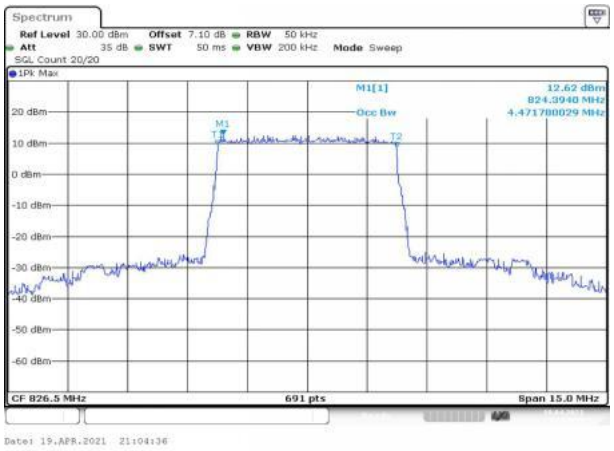


Fig.21

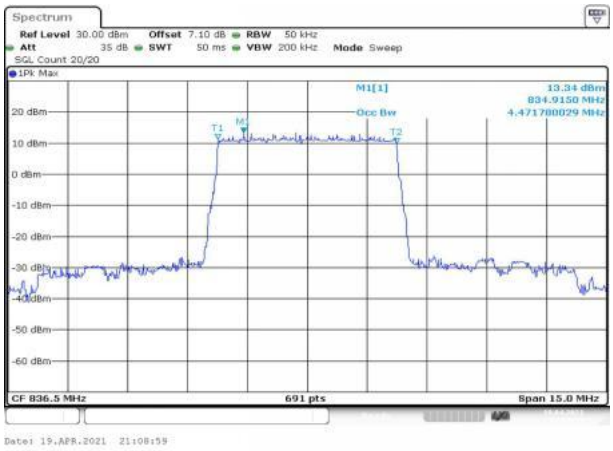
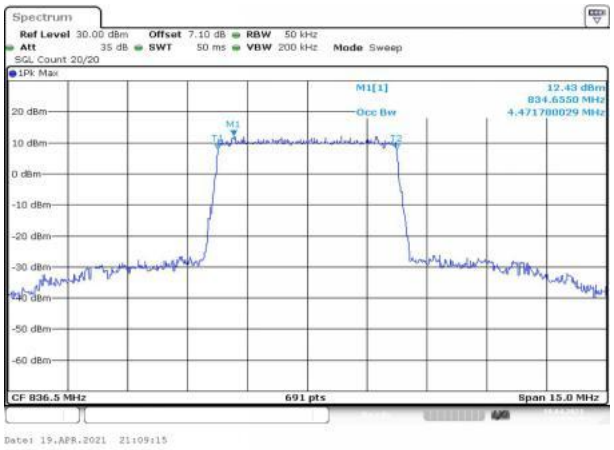


Fig.22



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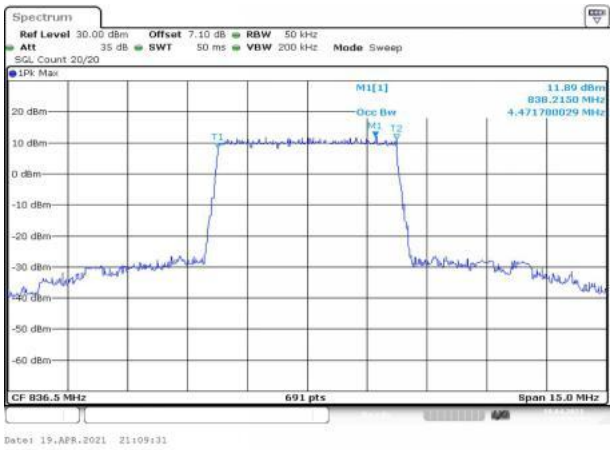

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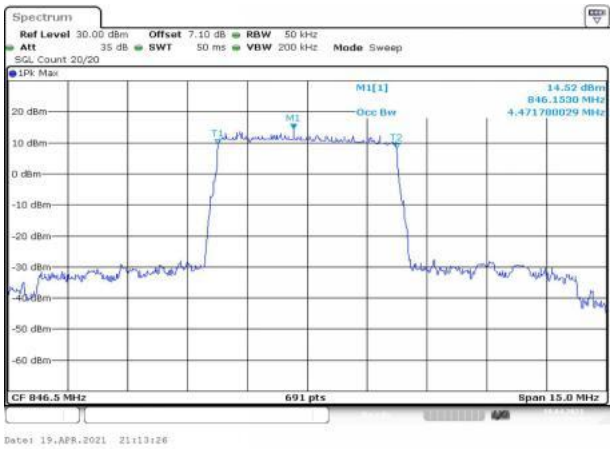

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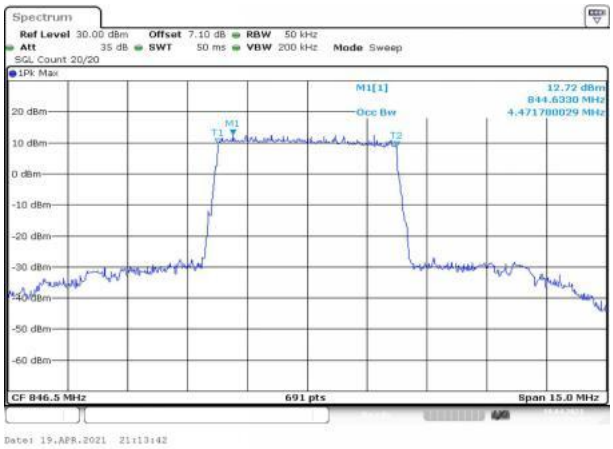

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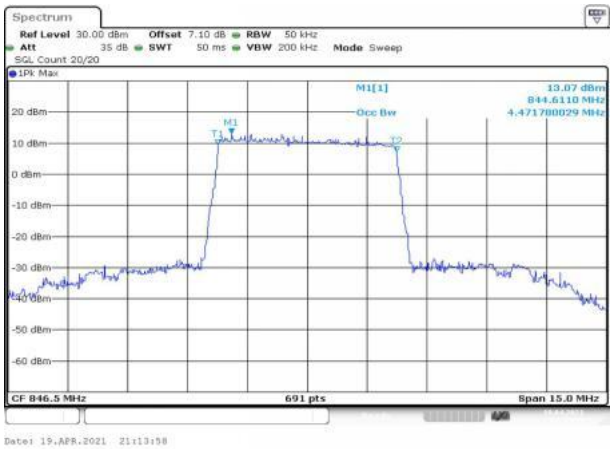

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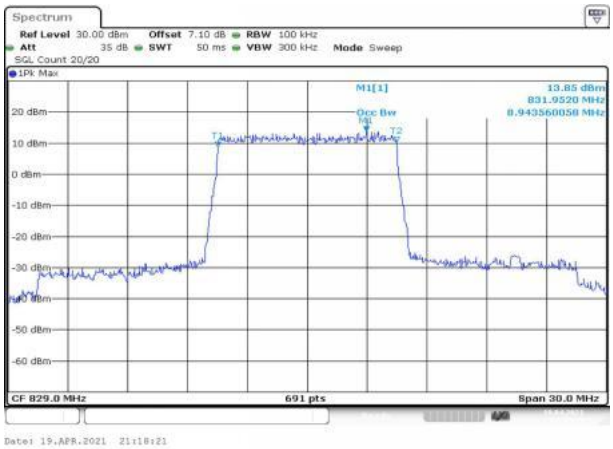

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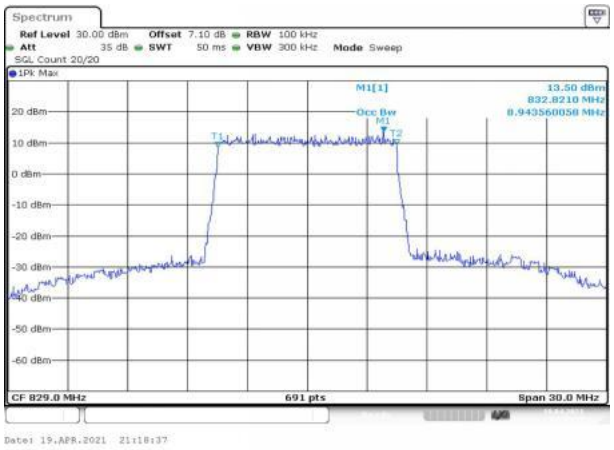

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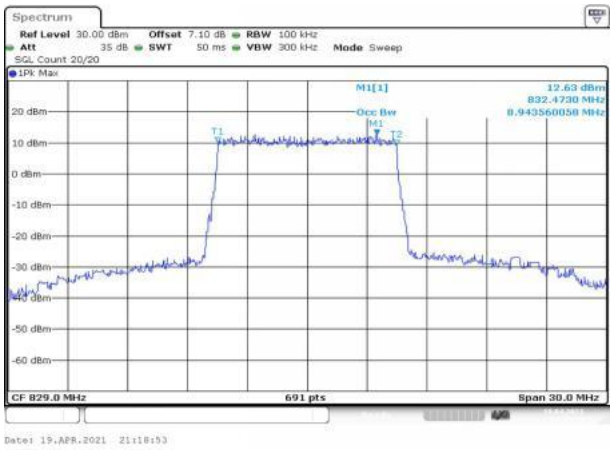

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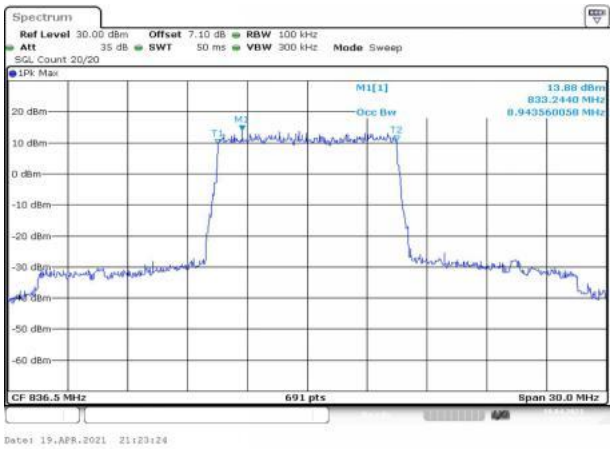

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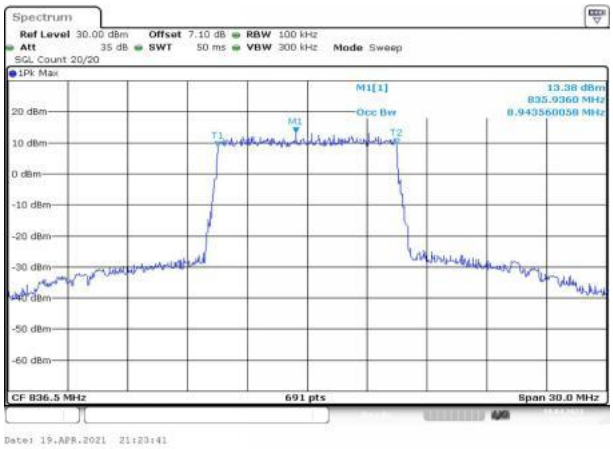

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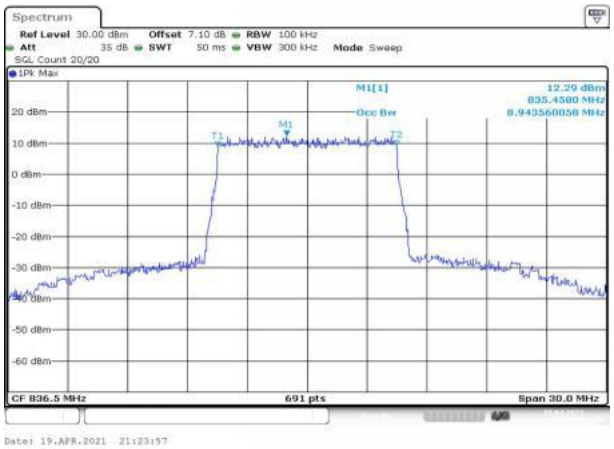

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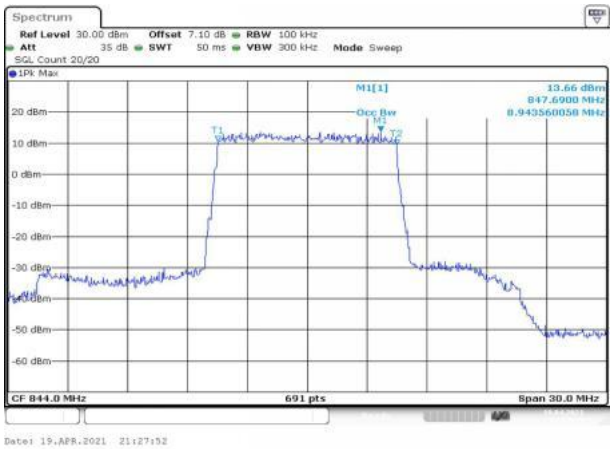

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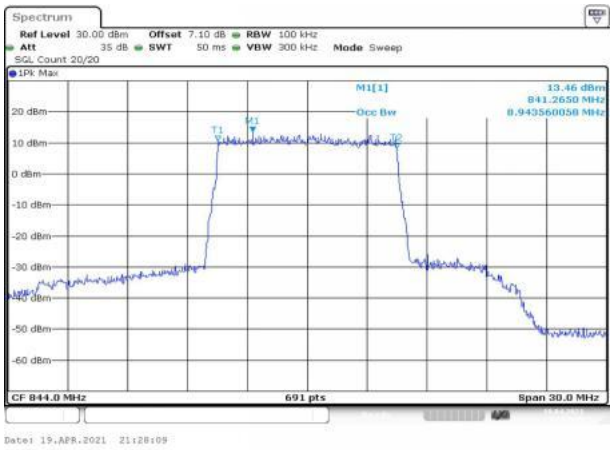

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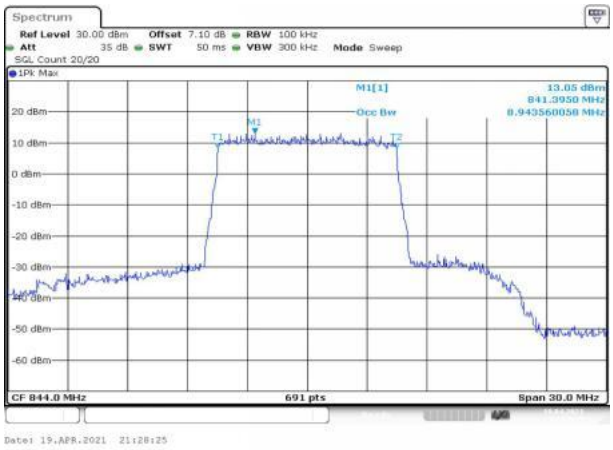

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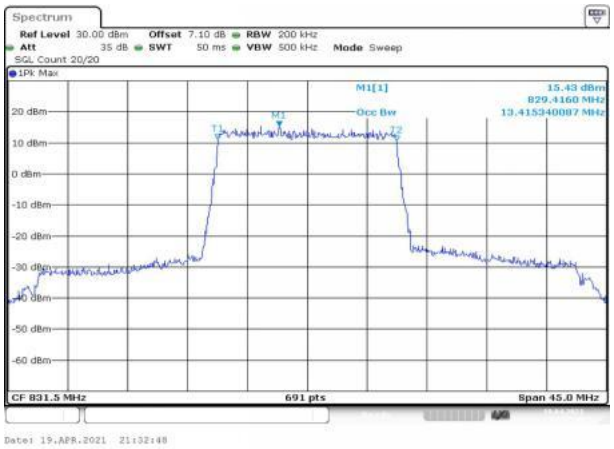

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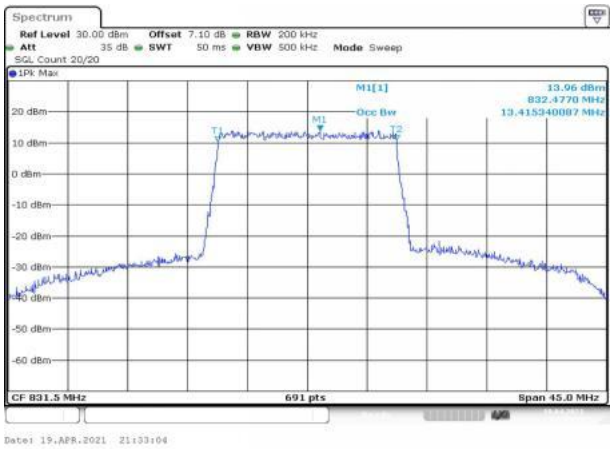

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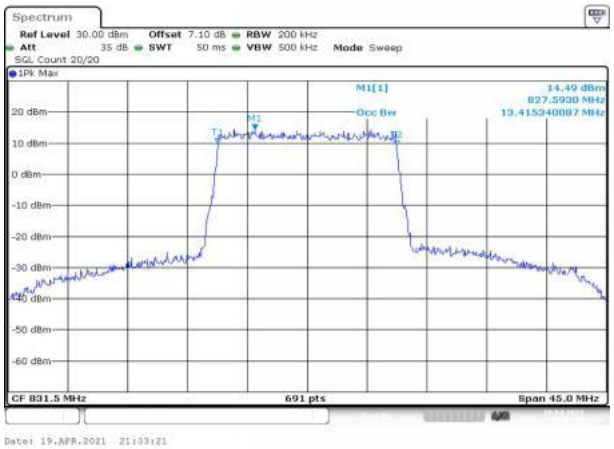

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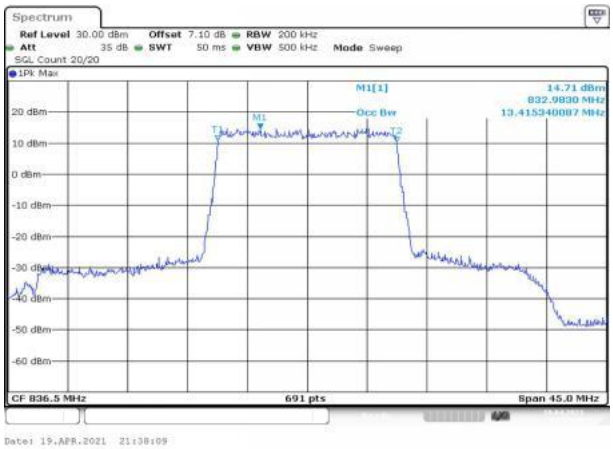

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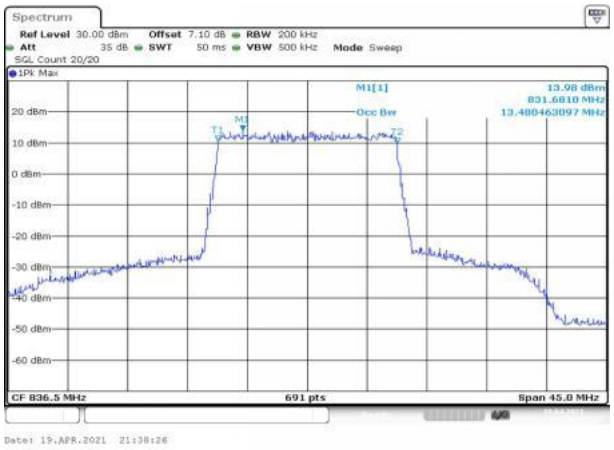

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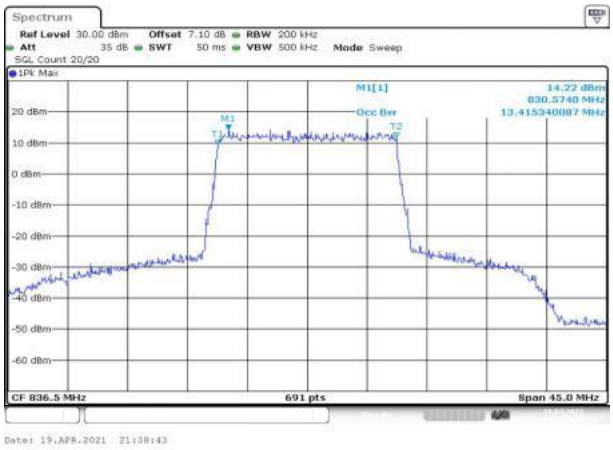

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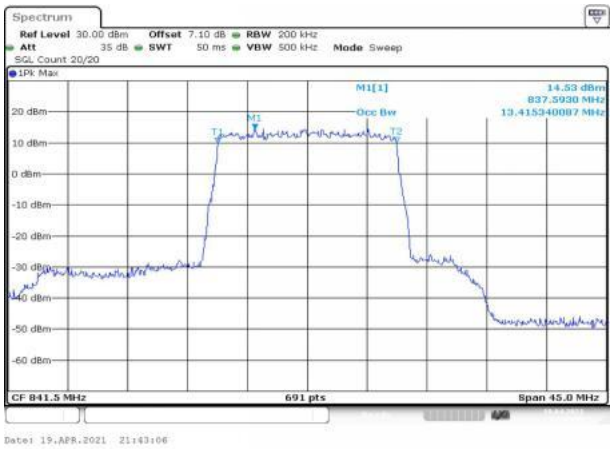

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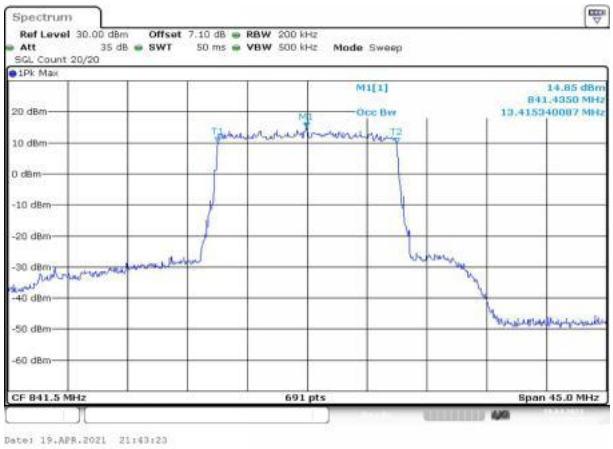

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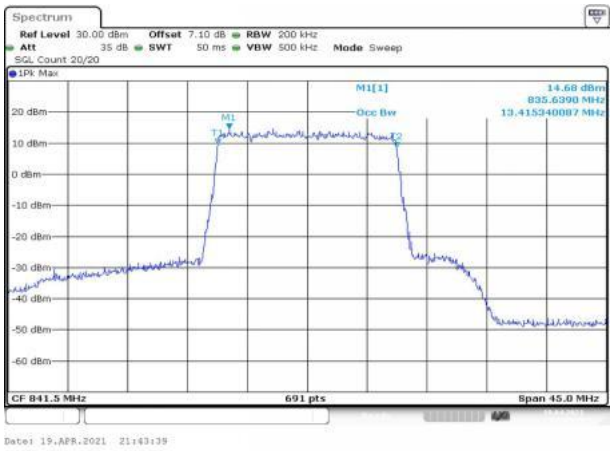
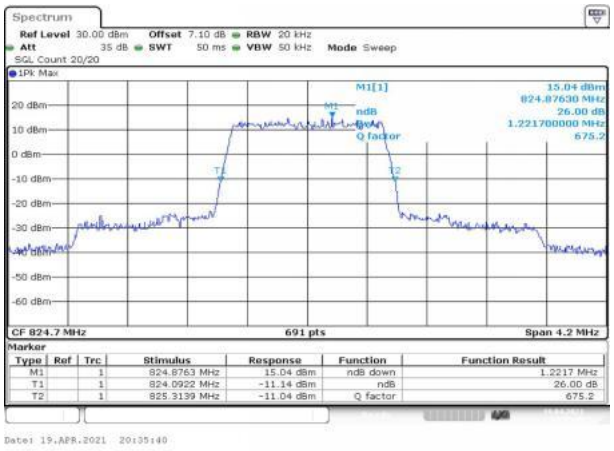


Fig.45

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	
26	824.7	26797	1.4	6	0	1.222	Fig.1	1.228	Fig.2	1.234	Fig.3
	836.5	26915		6	0	1.228	Fig.4	1.222	Fig.5	1.216	Fig.6
	848.3	27033		6	0	1.234	Fig.7	1.234	Fig.8	1.228	Fig.9
	825.5	26805	3	15	0	2.996	Fig.10	2.983	Fig.11	2.957	Fig.12
	836.5	26915		15	0	2.957	Fig.13	2.983	Fig.14	2.996	Fig.15
	847.5	27025		15	0	2.996	Fig.16	2.983	Fig.17	2.996	Fig.18
	826.5	26815	5	25	0	4.906	Fig.19	4.819	Fig.20	4.884	Fig.21
	836.5	26915		25	0	4.906	Fig.22	4.906	Fig.23	4.906	Fig.24
	846.5	27015		25	0	4.863	Fig.25	4.884	Fig.26	4.906	Fig.27
	829	26840	10	50	0	9.682	Fig.28	9.768	Fig.29	9.682	Fig.30
	836.5	26915		50	0	9.768	Fig.31	9.768	Fig.32	9.725	Fig.33
	844	26990		50	0	9.682	Fig.34	9.595	Fig.35	9.725	Fig.36
	831.5	26865	15	75	0	14.653	Fig.37	14.718	Fig.38	14.848	Fig.39
	836.5	26915		75	0	14.653	Fig.40	14.718	Fig.41	14.848	Fig.42
	841.5	26965		75	0	14.718	Fig.43	14.718	Fig.44	14.653	Fig.45



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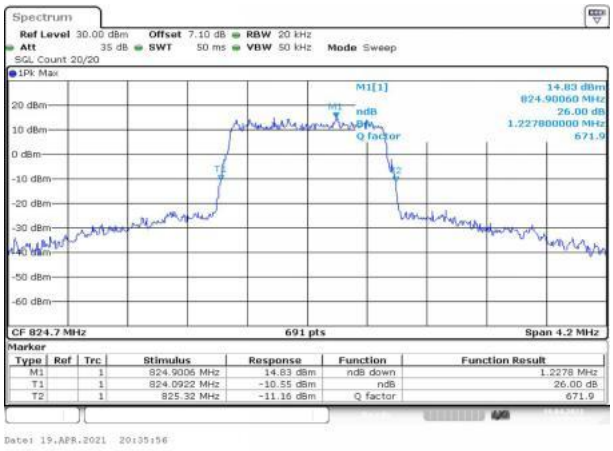

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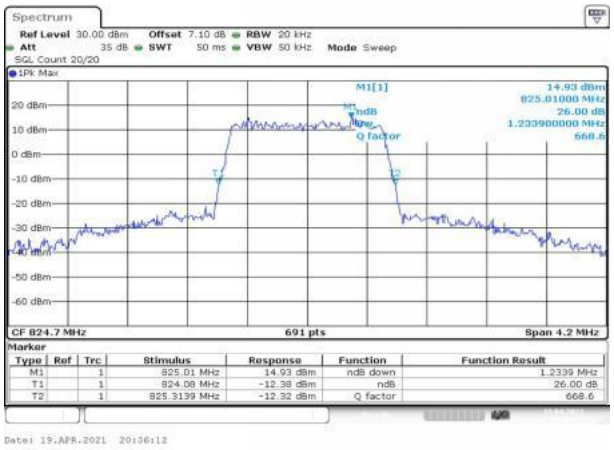

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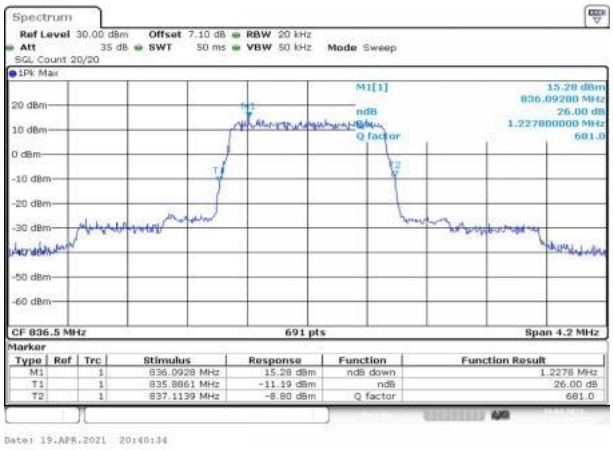


Fig.4

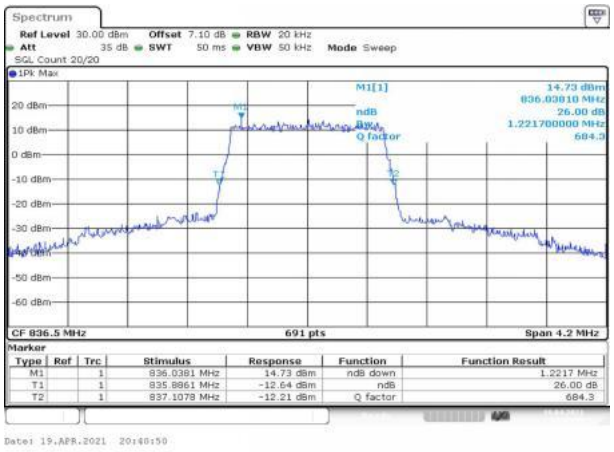
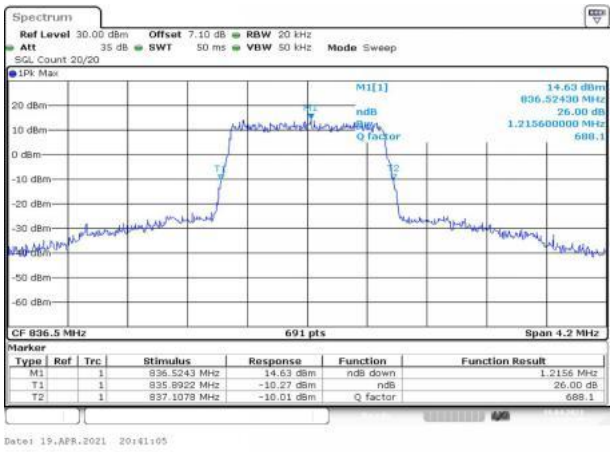


Fig.5



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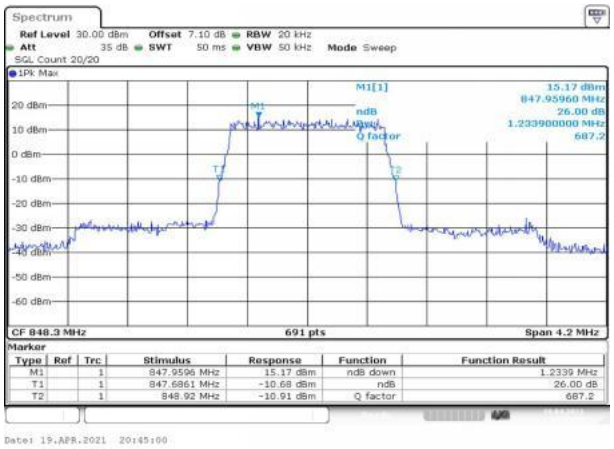

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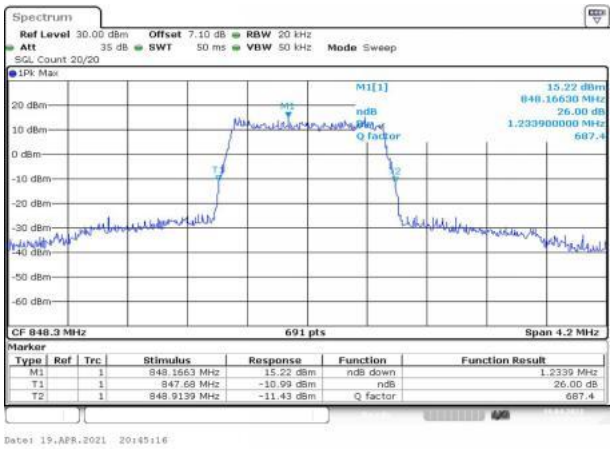

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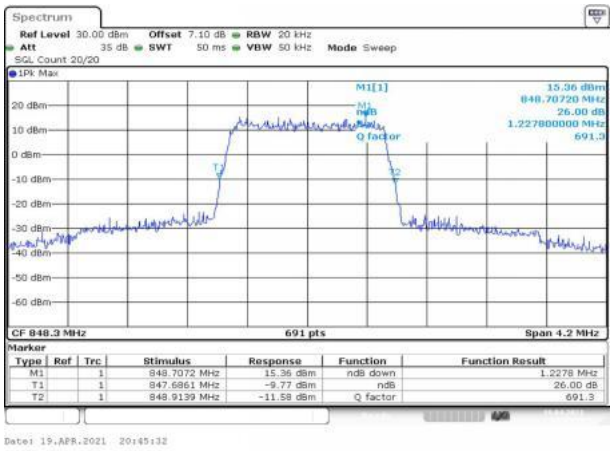

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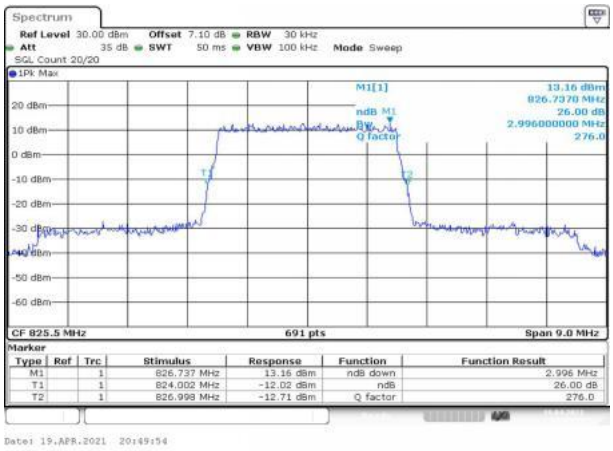
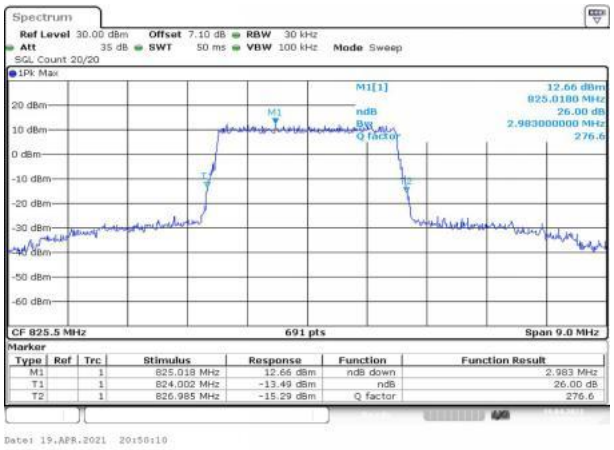


Fig.10



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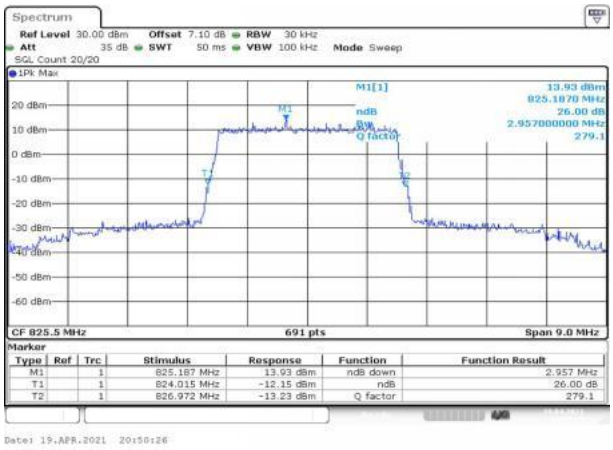

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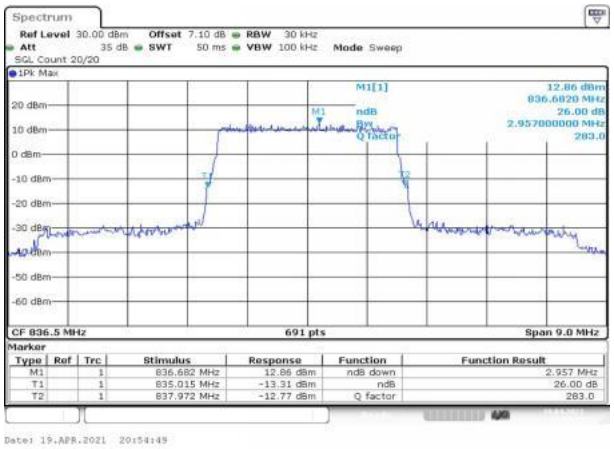

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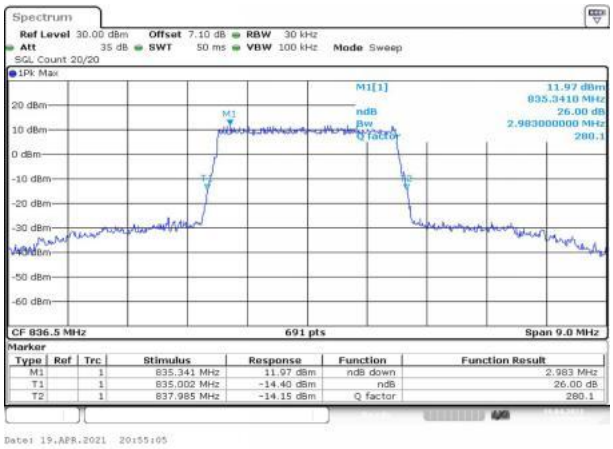

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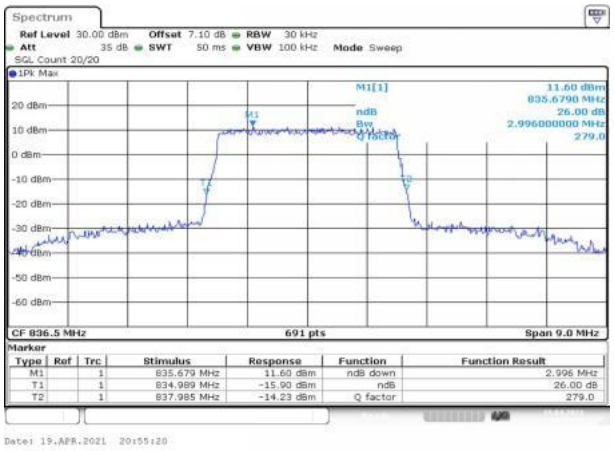

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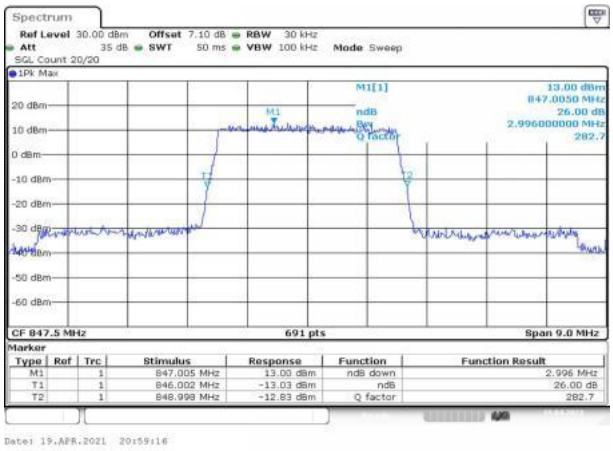

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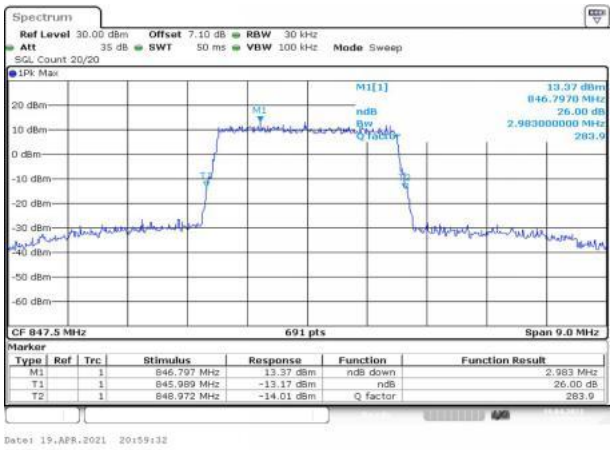

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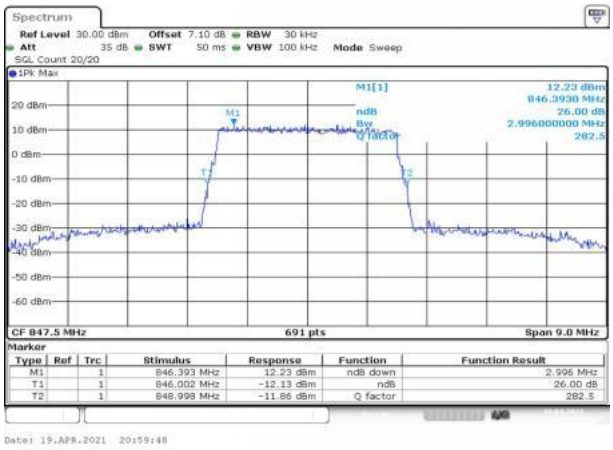

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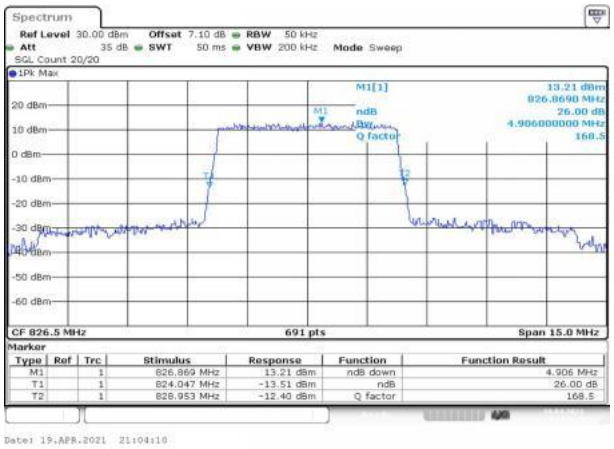

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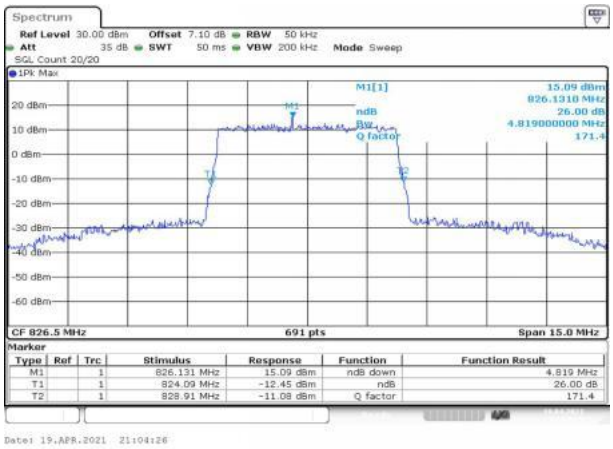

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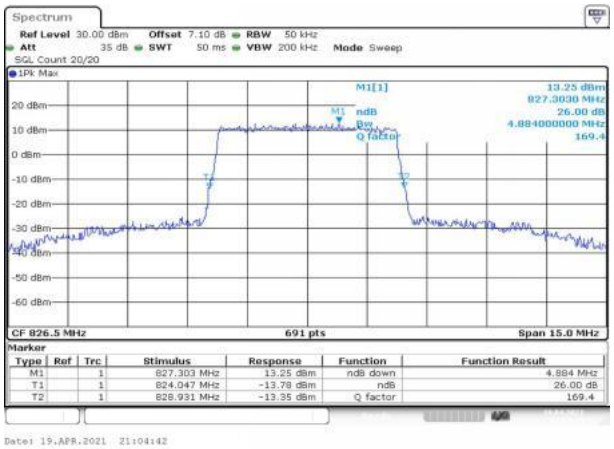

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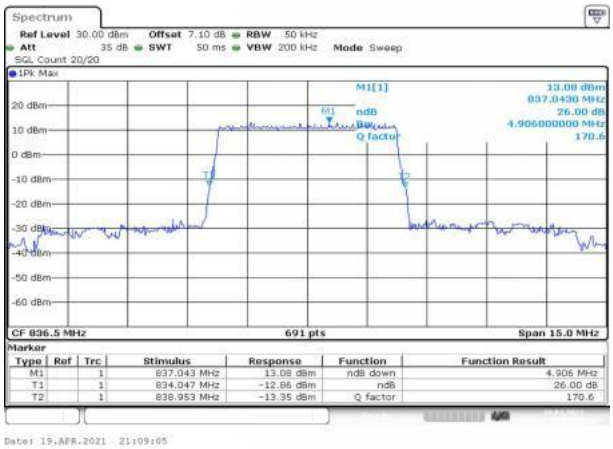

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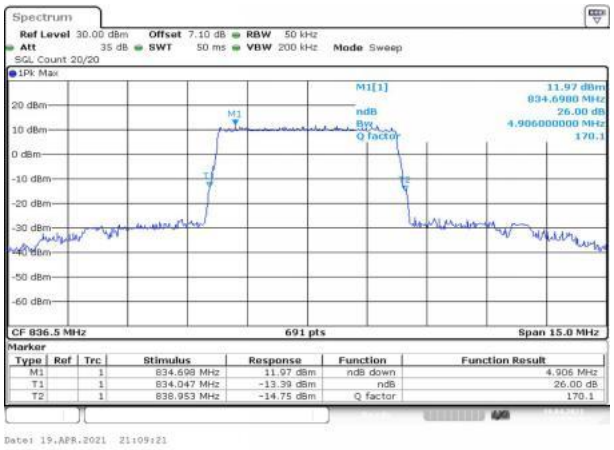

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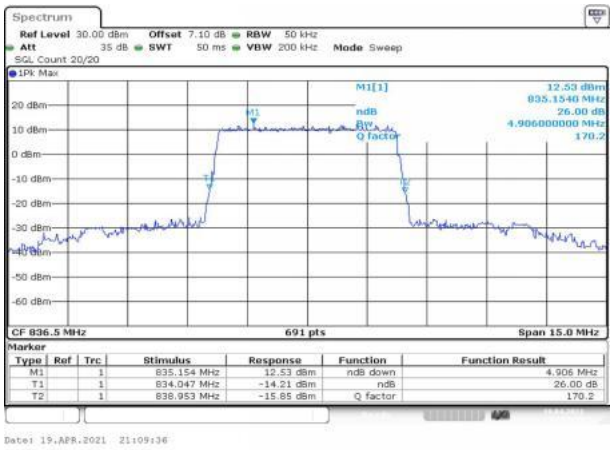

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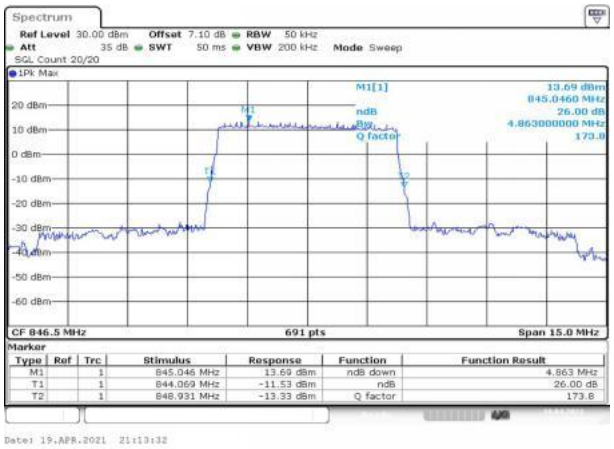

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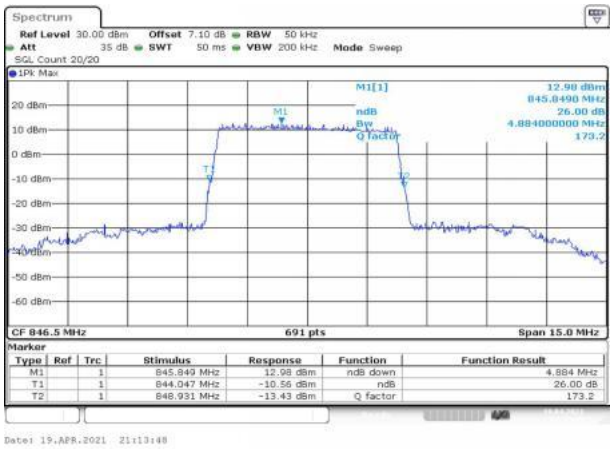

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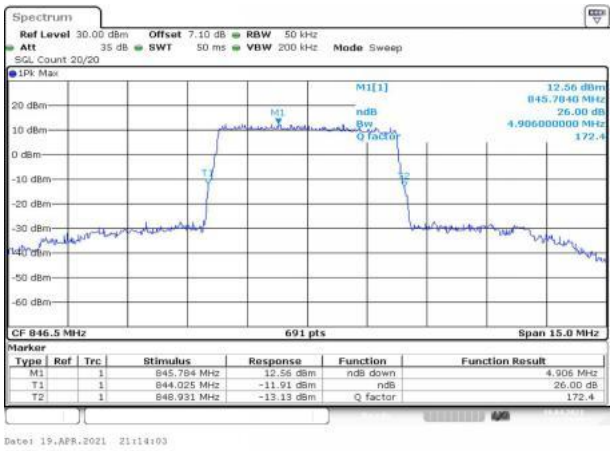
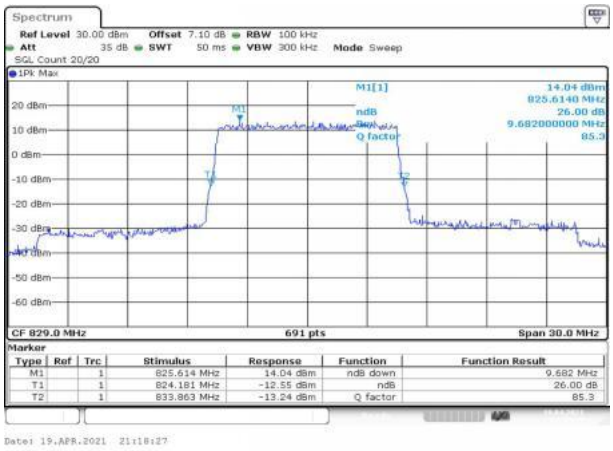


Fig.27



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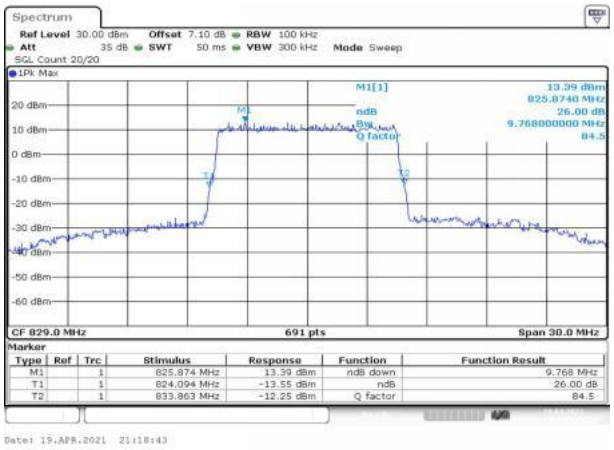

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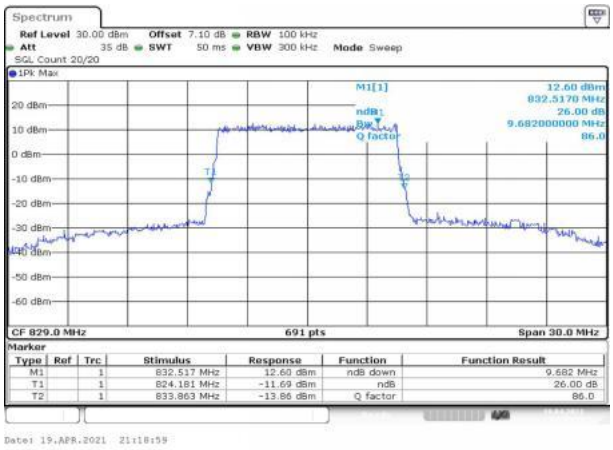

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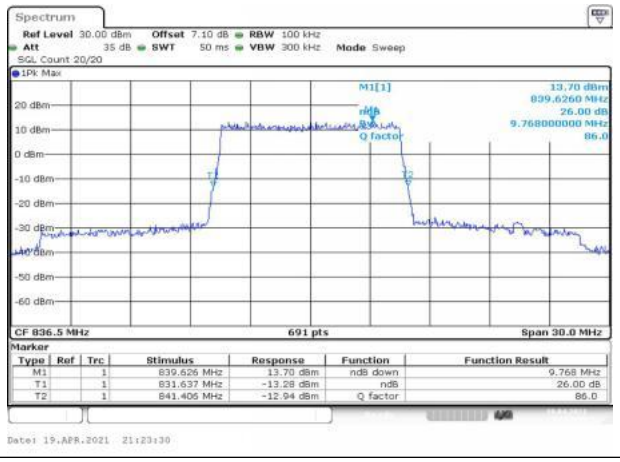
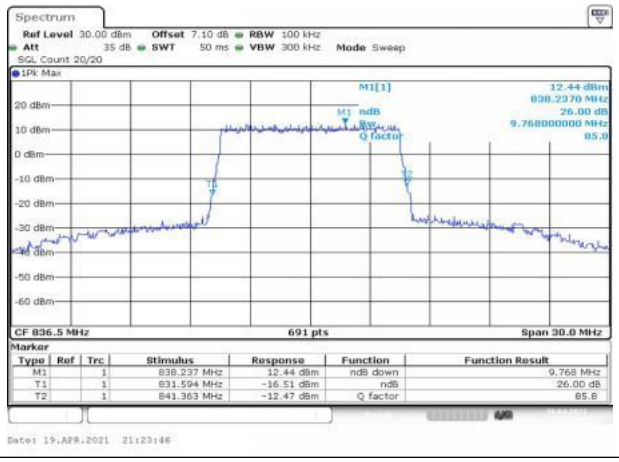


Fig.31



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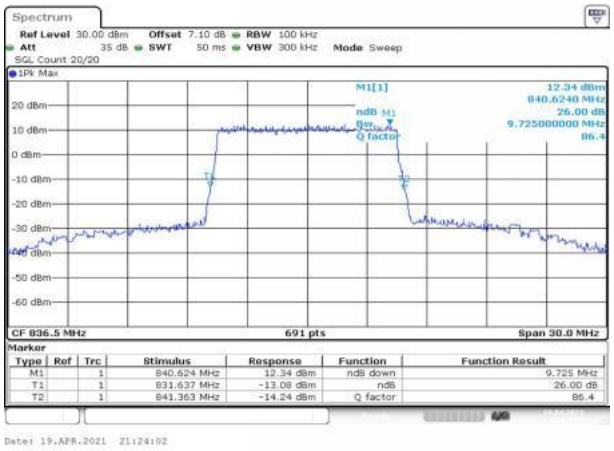

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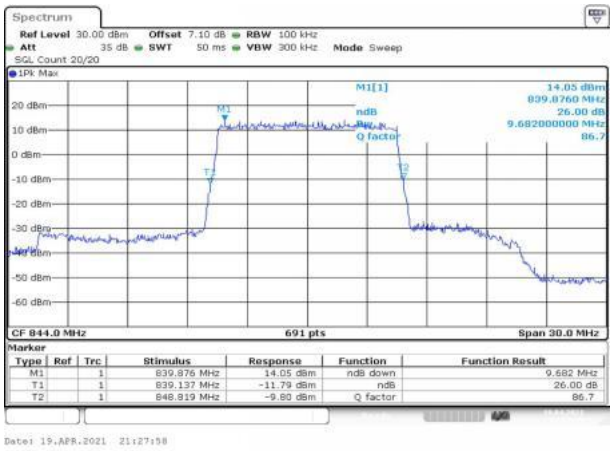

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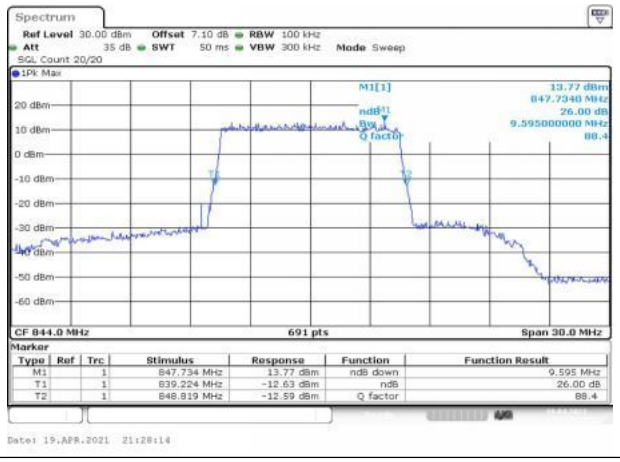

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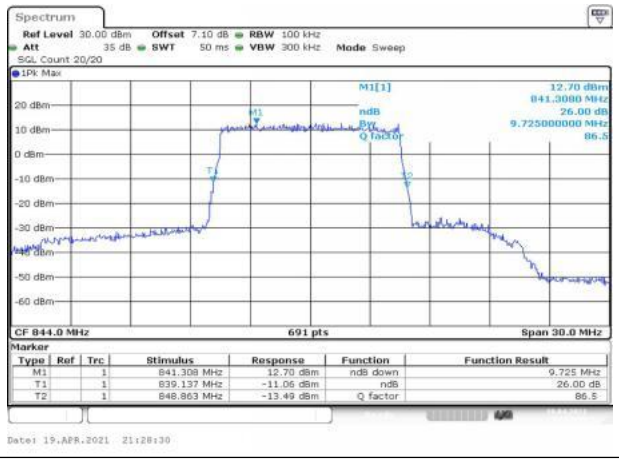

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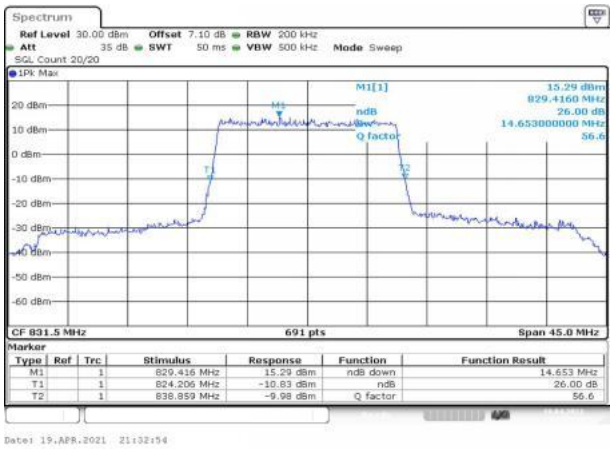

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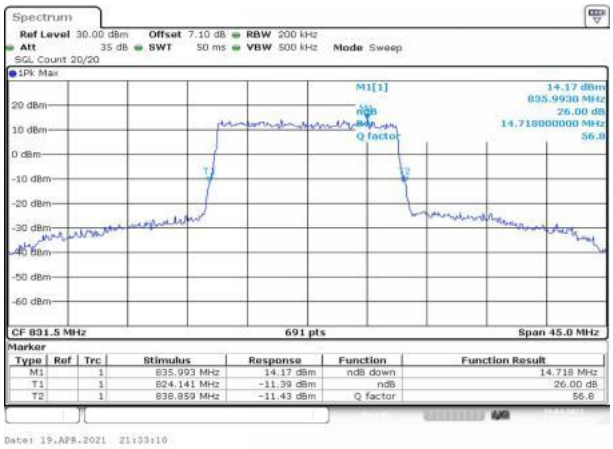

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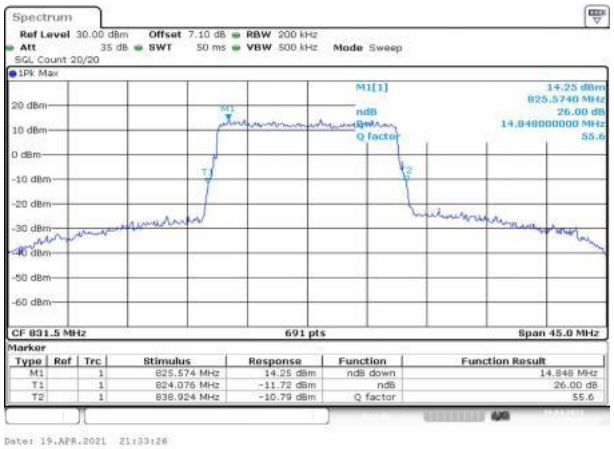

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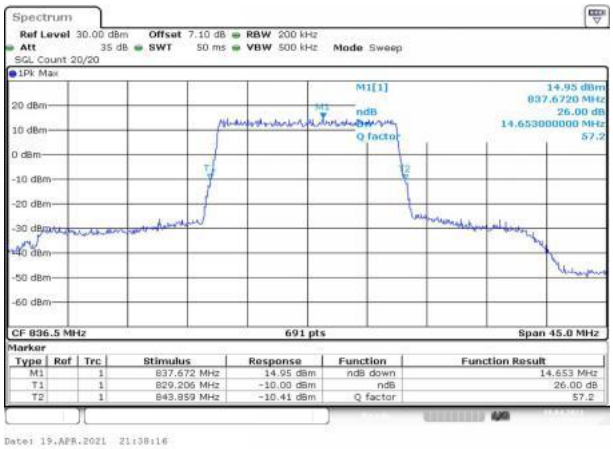

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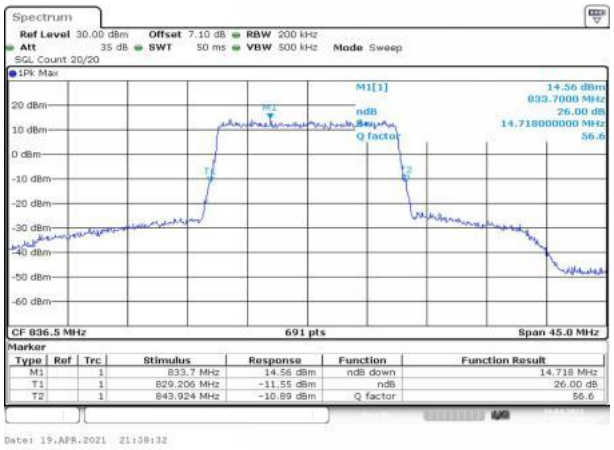

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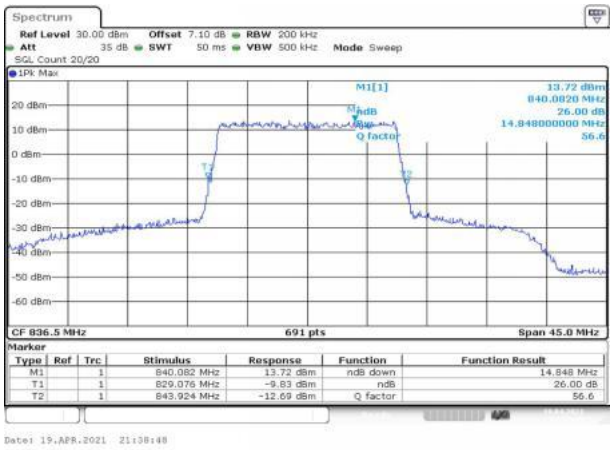
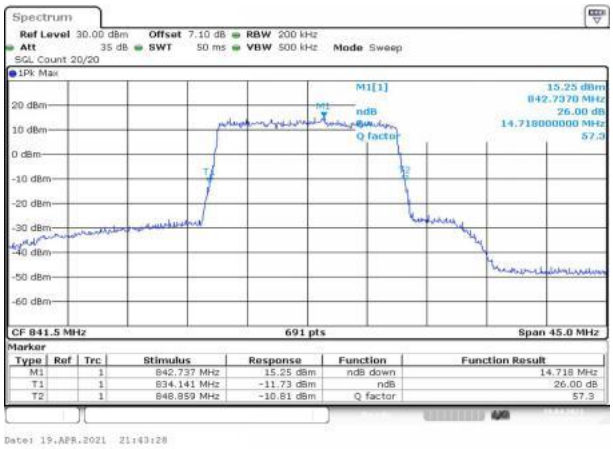


Fig.42

Fig.43



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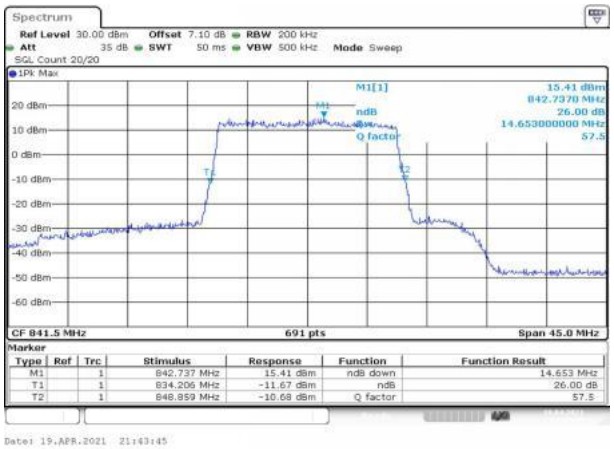


Fig.45

4 Peak-Average Ratio

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	QPSK	16-QAM	64-QAM
26	824.7	26797	1.4	1	5	Fig.1	Fig.2	Fig.3
	824.7	26797		6	0	Fig.4	Fig.5	Fig.6
	836.5	26915		1	5	Fig.7	Fig.8	Fig.9
	836.5	26915		6	0	Fig.10	Fig.11	Fig.12
	848.3	27033		1	5	Fig.13	Fig.14	Fig.15
	848.3	27033		6	0	Fig.16	Fig.17	Fig.18
	825.5	26805	3	1	14	Fig.19	Fig.20	Fig.21
	825.5	26805		15	0	Fig.22	Fig.23	Fig.24
	836.5	26915		1	14	Fig.25	Fig.26	Fig.27
	836.5	26915		15	0	Fig.28	Fig.29	Fig.30
	847.5	27025		1	14	Fig.31	Fig.32	Fig.33
	847.5	27025		15	0	Fig.34	Fig.35	Fig.36
	826.5	26815	5	1	24	Fig.37	Fig.38	Fig.39
	826.5	26815		25	0	Fig.40	Fig.41	Fig.42
	836.5	26915		1	24	Fig.43	Fig.44	Fig.45
	836.5	26915		25	0	Fig.46	Fig.47	Fig.48
	846.5	27015		1	24	Fig.49	Fig.50	Fig.51
	846.5	27015		25	0	Fig.52	Fig.53	Fig.54
	829	26840	10	1	49	Fig.55	Fig.56	Fig.57
	829	26840		50	0	Fig.58	Fig.59	Fig.60
	836.5	26915		1	49	Fig.61	Fig.62	Fig.63
	836.5	26915		50	0	Fig.64	Fig.65	Fig.66
	844	26990		1	49	Fig.67	Fig.68	Fig.69
	844	26990		50	0	Fig.70	Fig.71	Fig.72
	831.5	26865	15	1	74	Fig.73	Fig.74	Fig.75
	831.5	26865		75	0	Fig.76	Fig.77	Fig.78
	836.5	26915		1	74	Fig.79	Fig.80	Fig.81
	836.5	26915		75	0	Fig.82	Fig.83	Fig.84
	841.5	26965		1	74	Fig.85	Fig.86	Fig.87
	841.5	26965		75	0	Fig.88	Fig.89	Fig.90

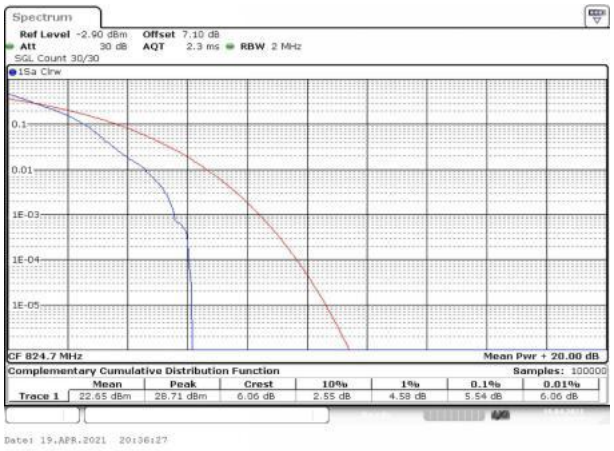


Fig.1

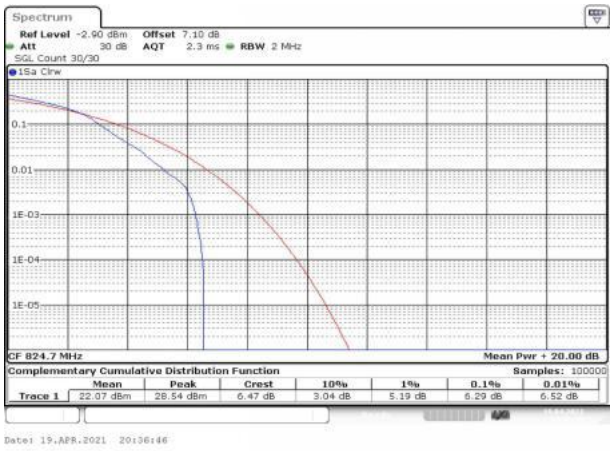


Fig.2

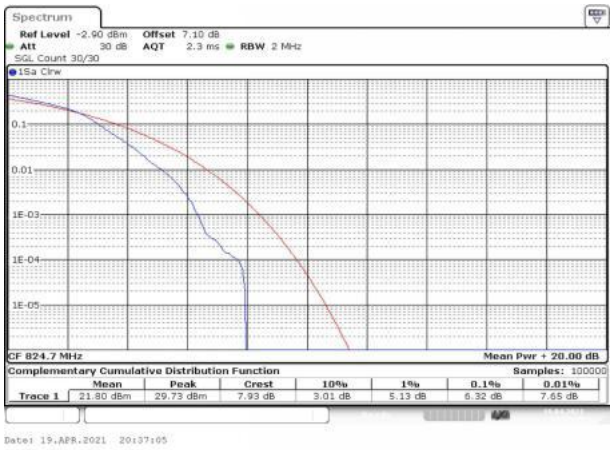
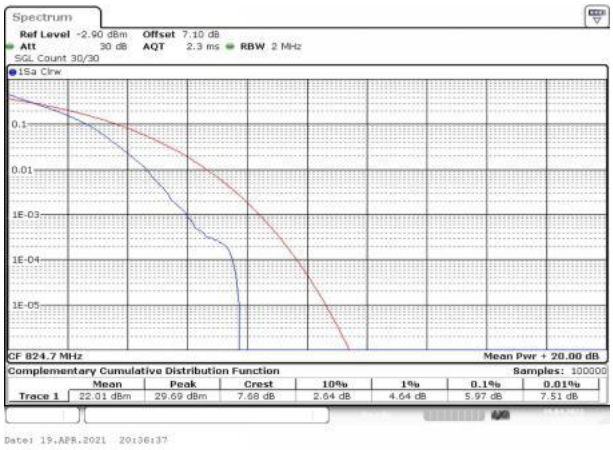


Fig.3



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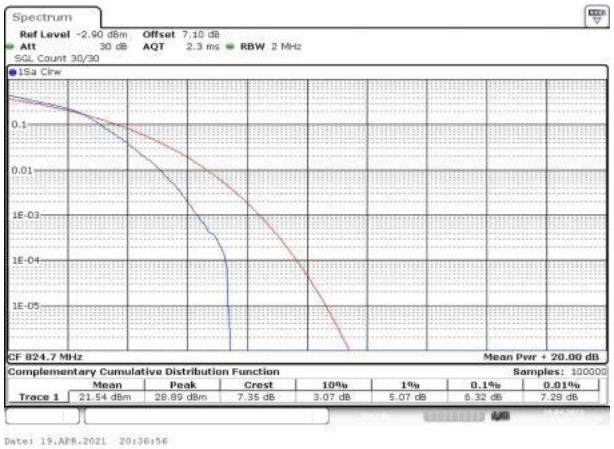
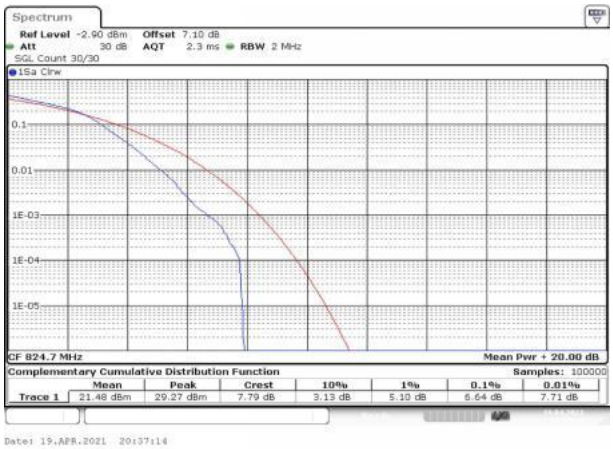


Fig.5



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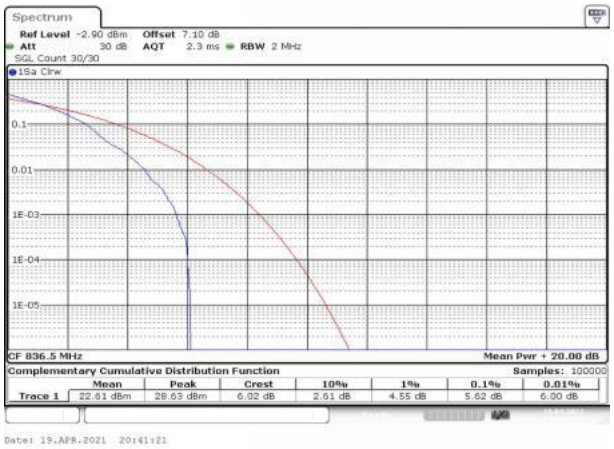


Fig.7

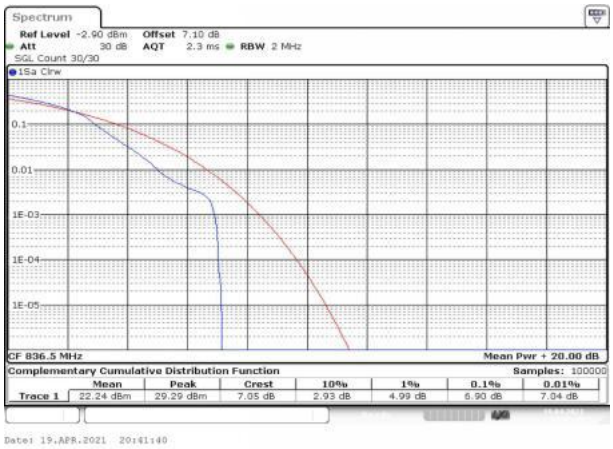


Fig.8

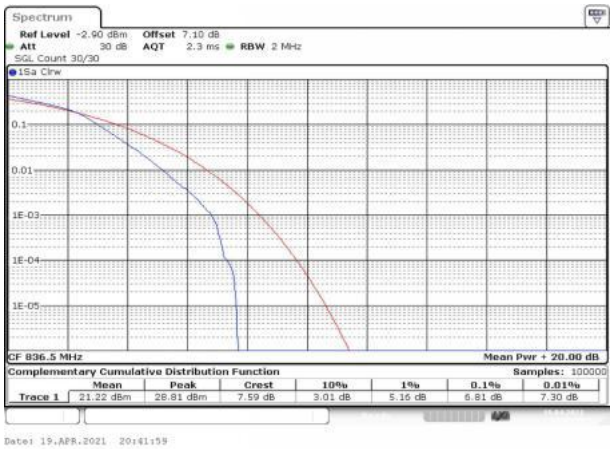


Fig.9

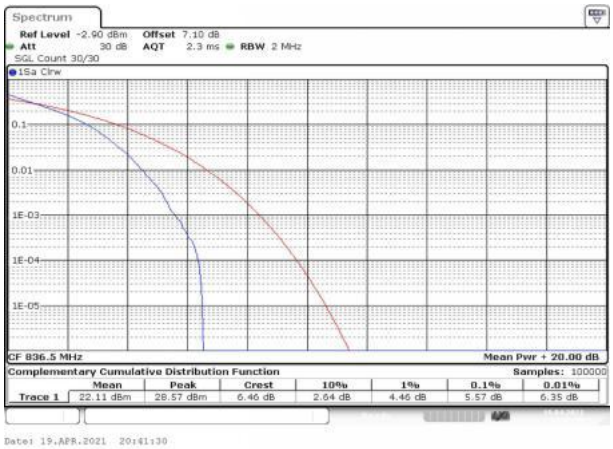
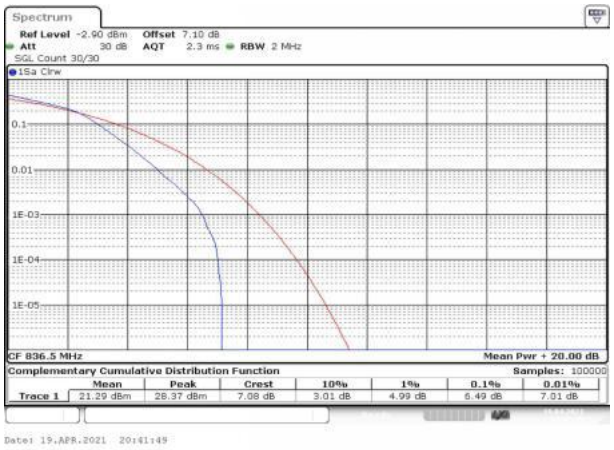


Fig.10



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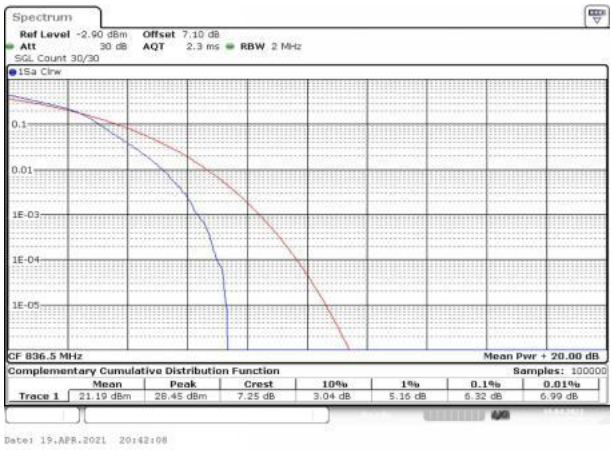

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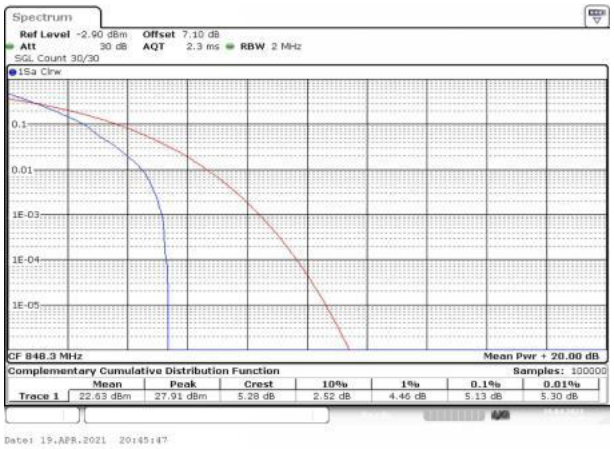
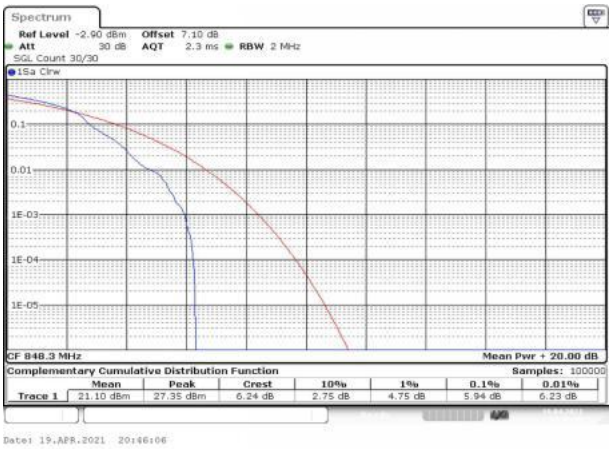


Fig.13



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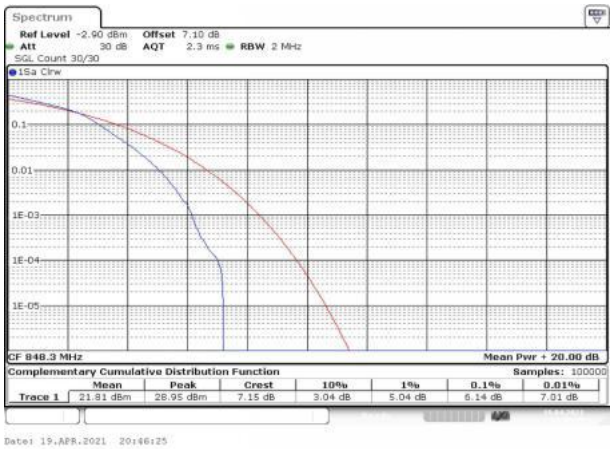

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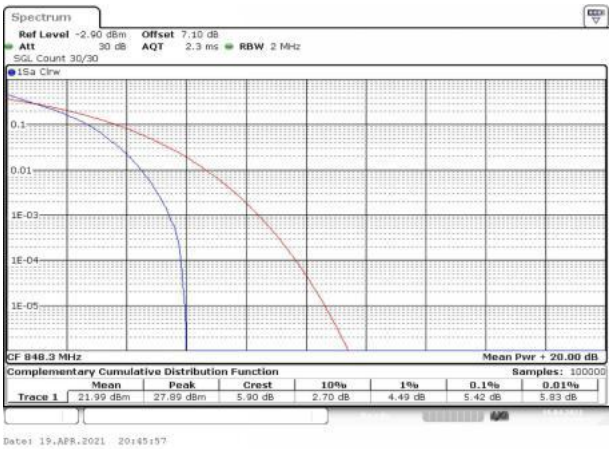
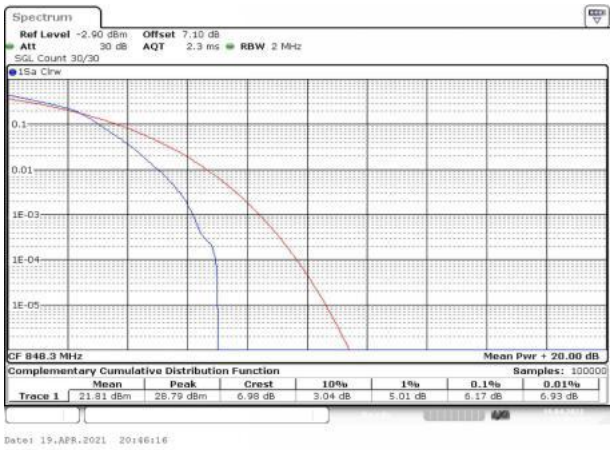


Fig.16



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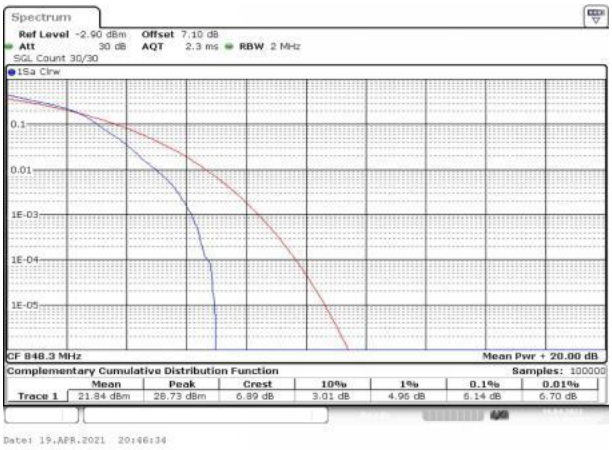

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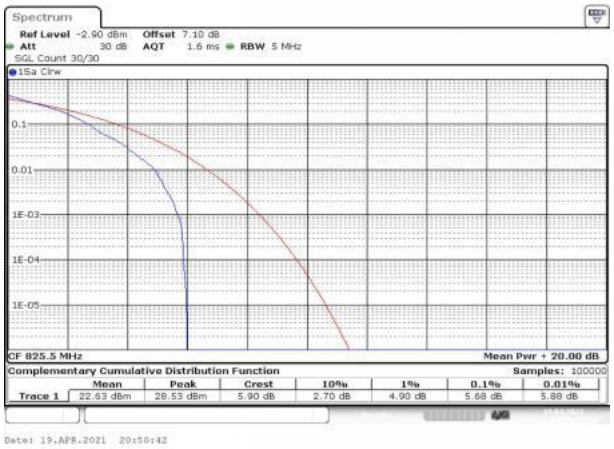

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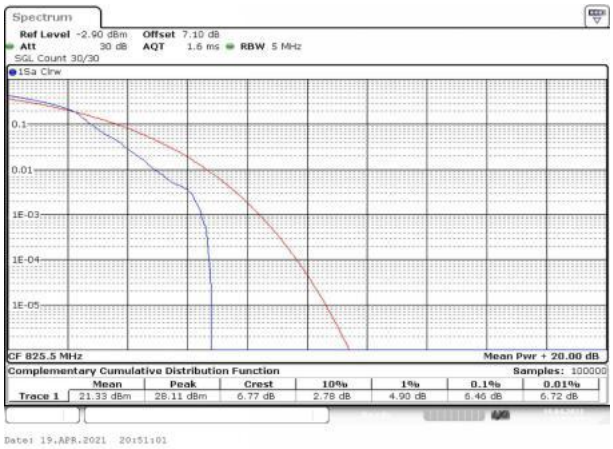
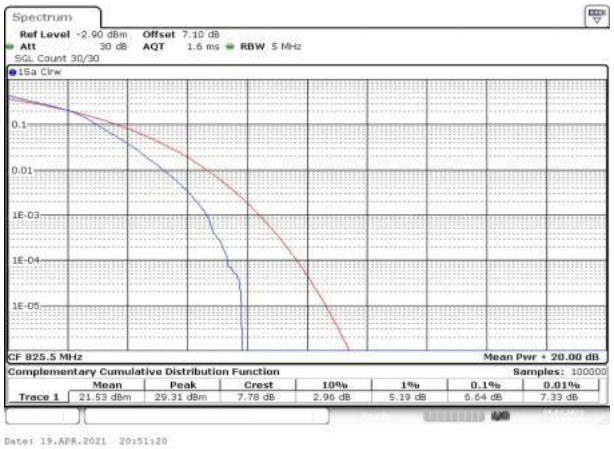


Fig.20



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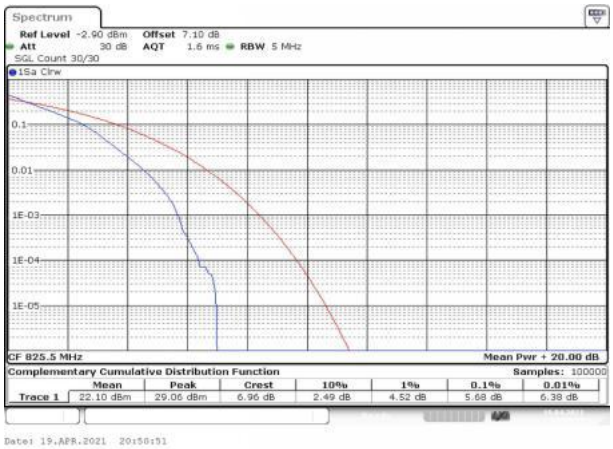

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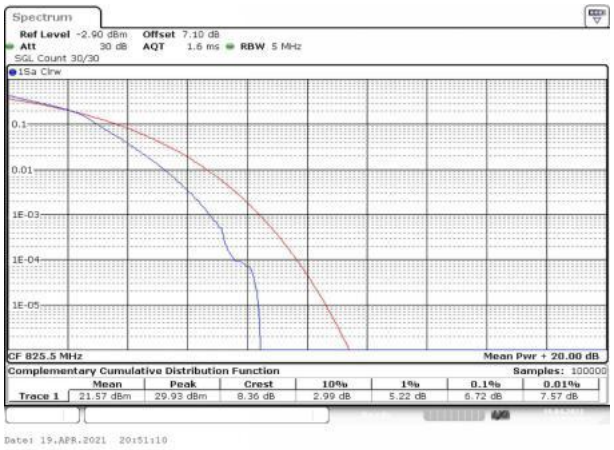

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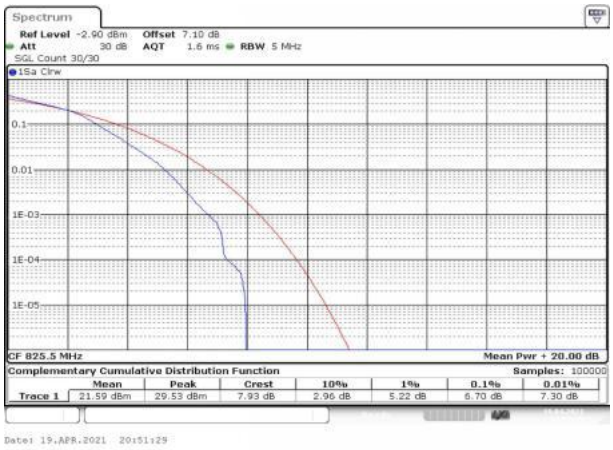

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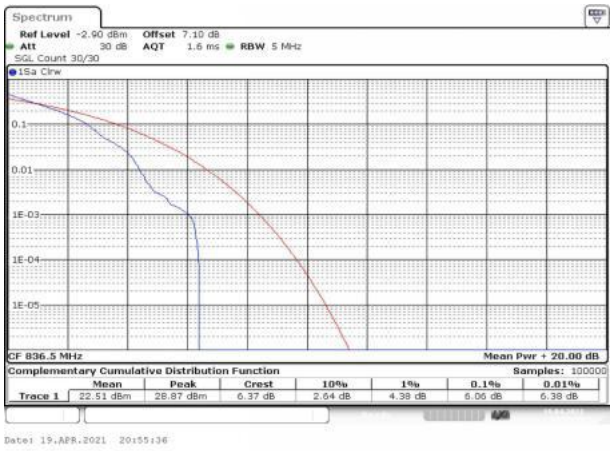
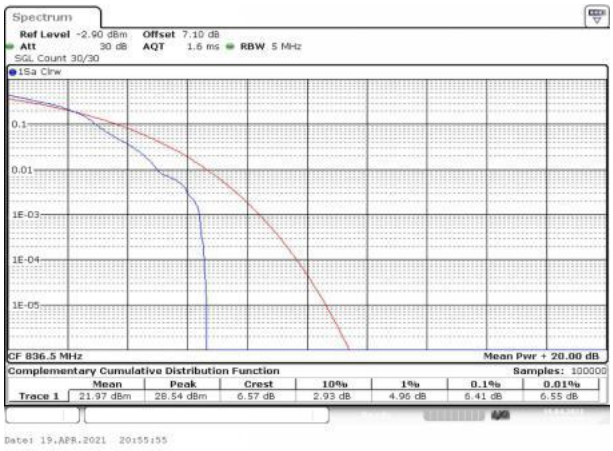


Fig.25



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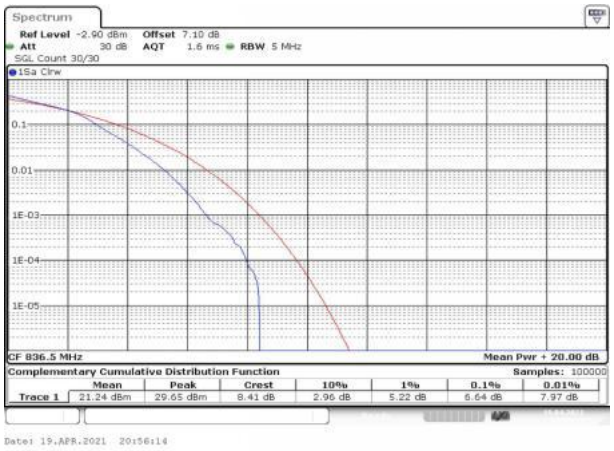


Fig.27

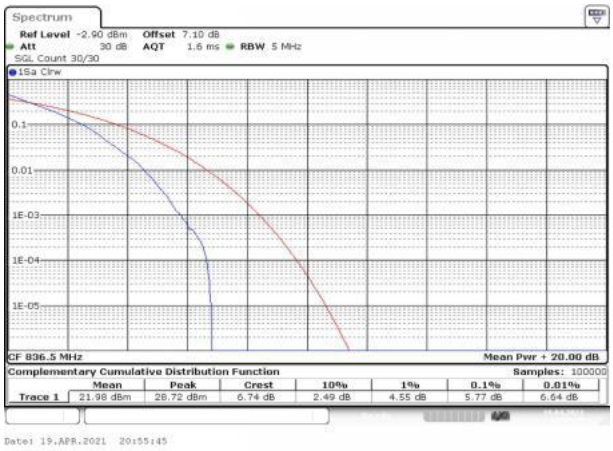
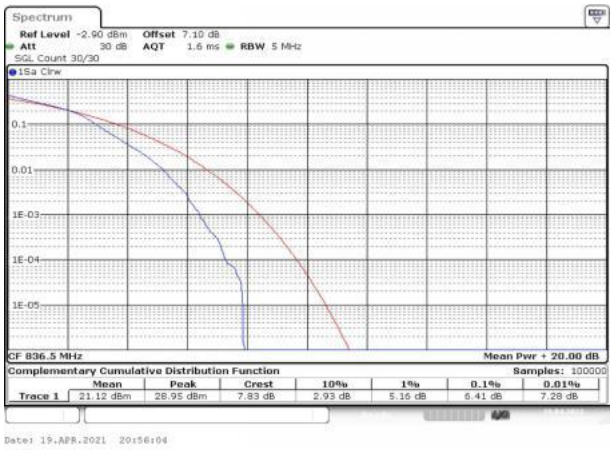


Fig.28



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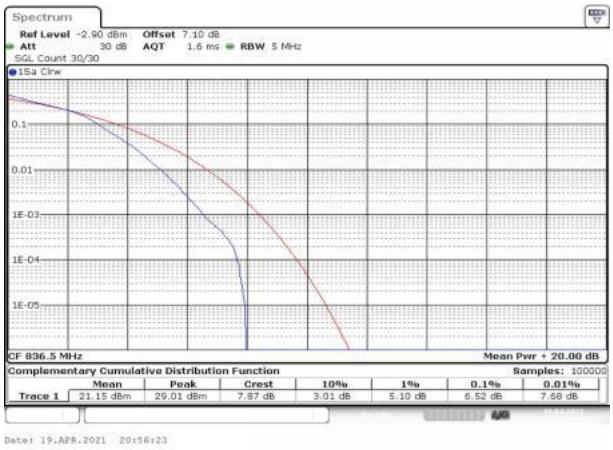


Fig.30

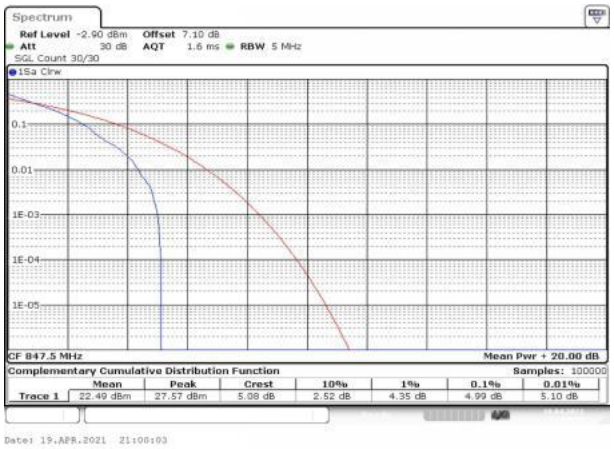


Fig.31

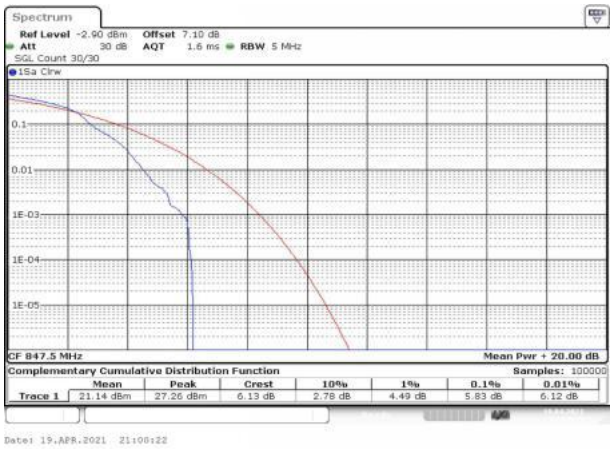


Fig.32

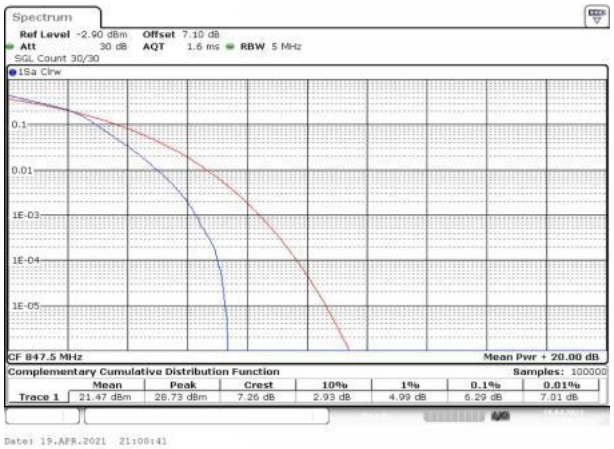
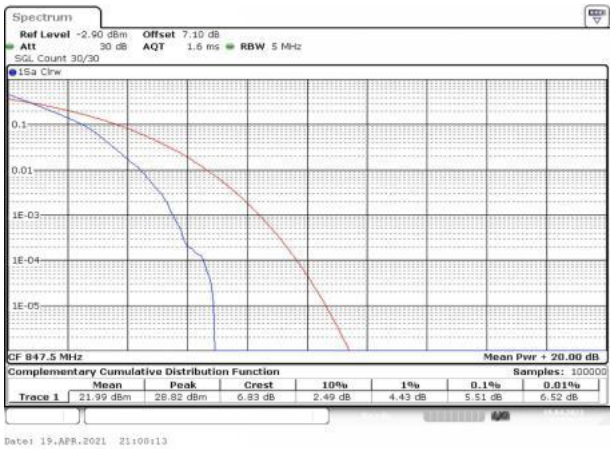


Fig.33



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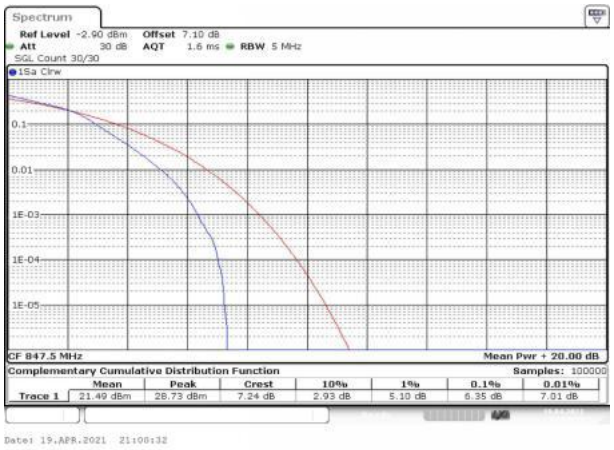

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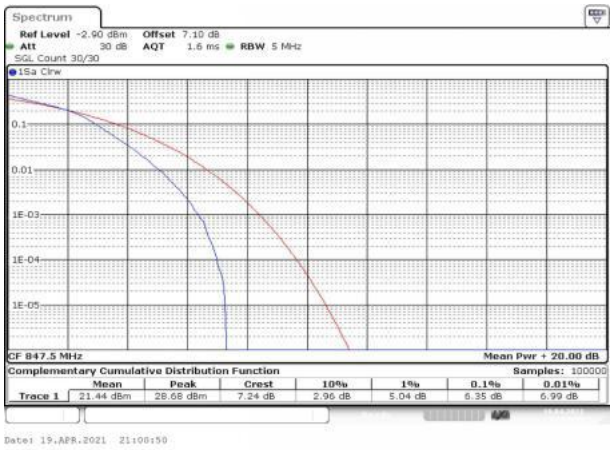

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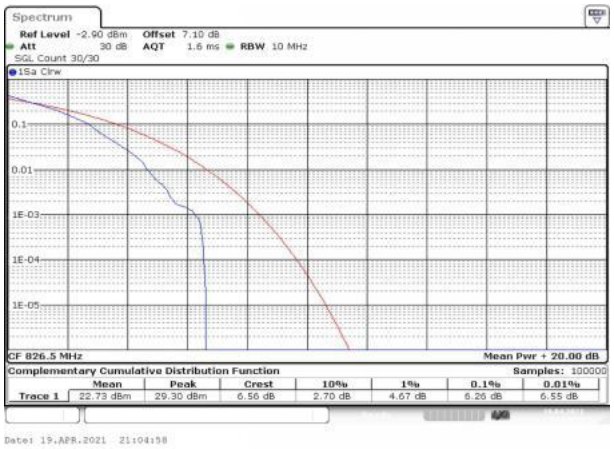

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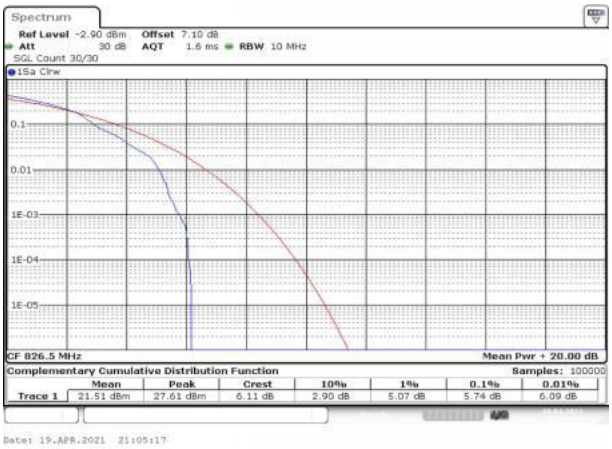

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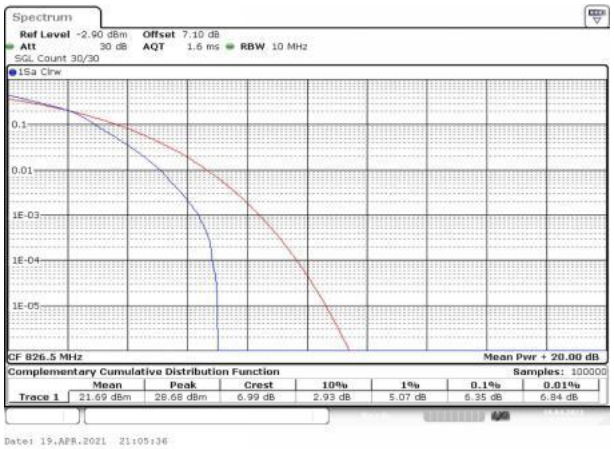

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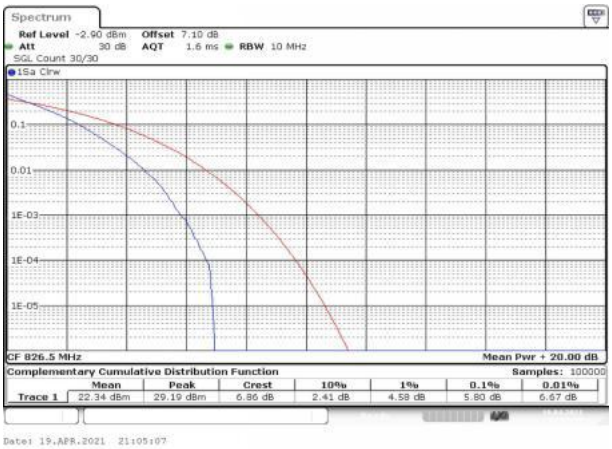

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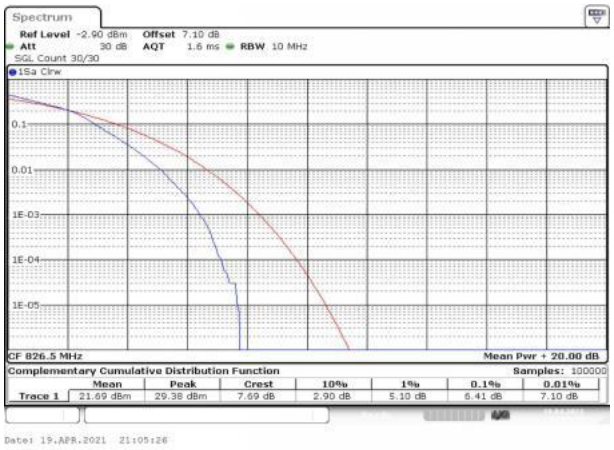

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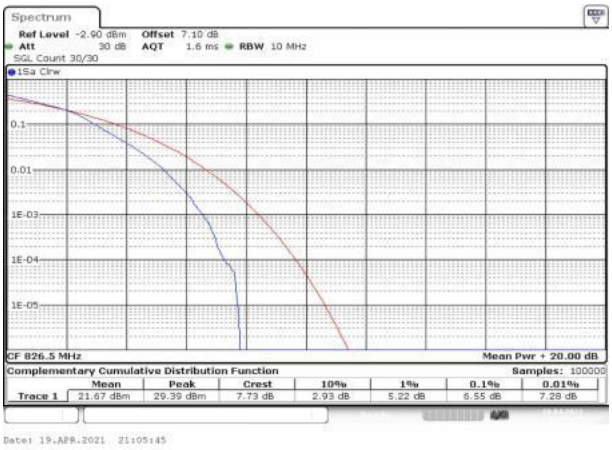
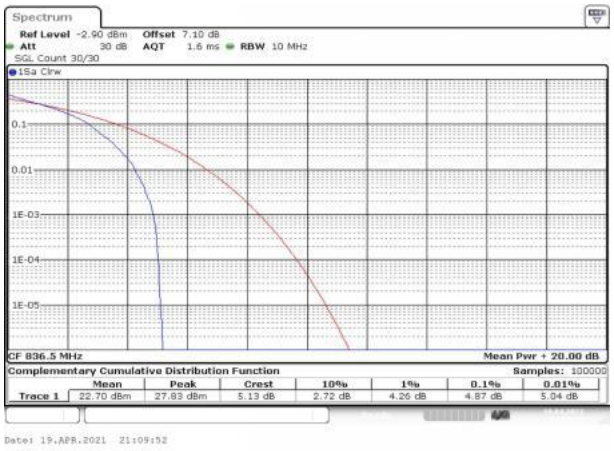


Fig.42



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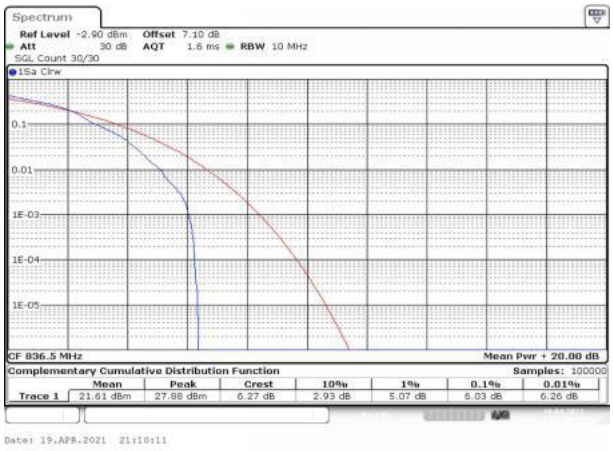

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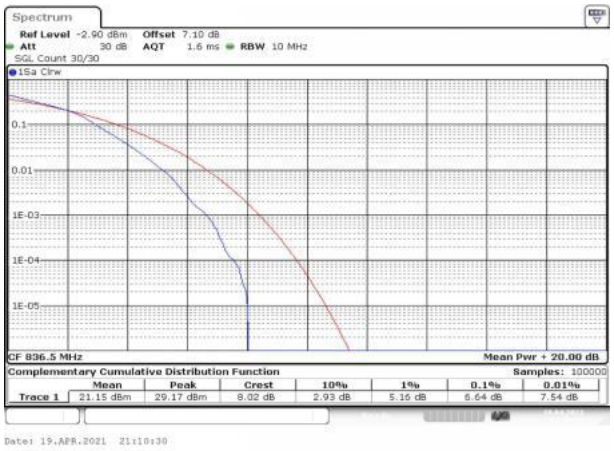

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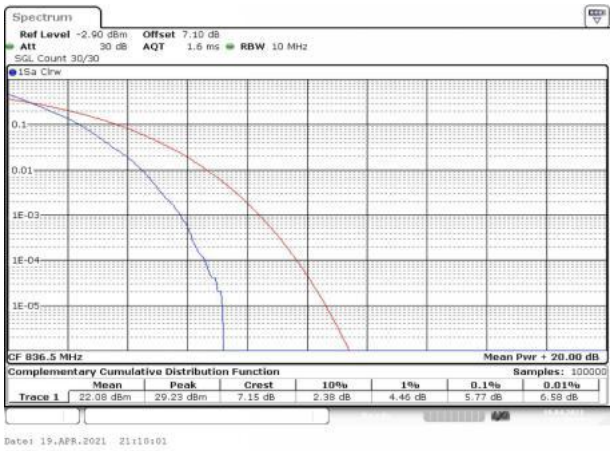

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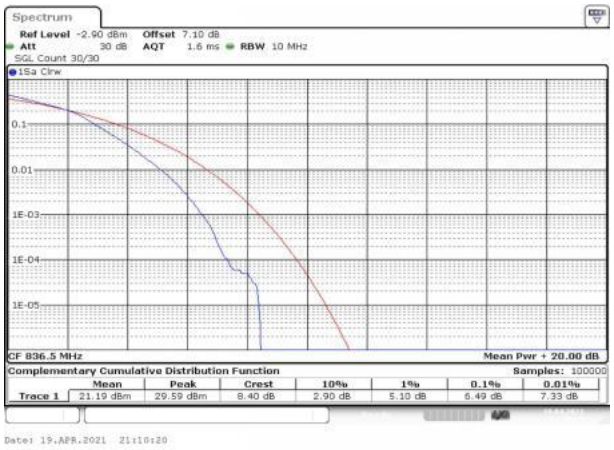


Fig.47

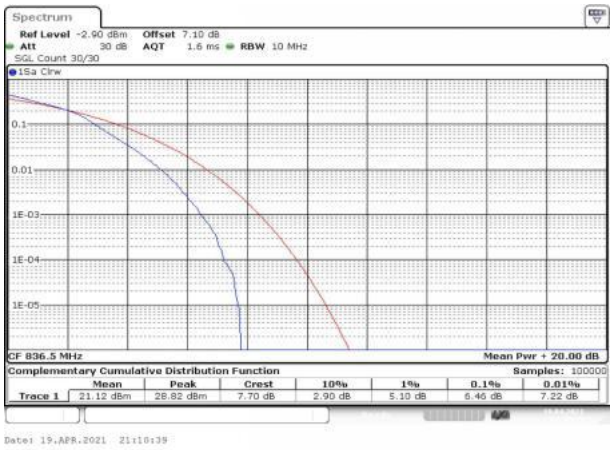


Fig.48

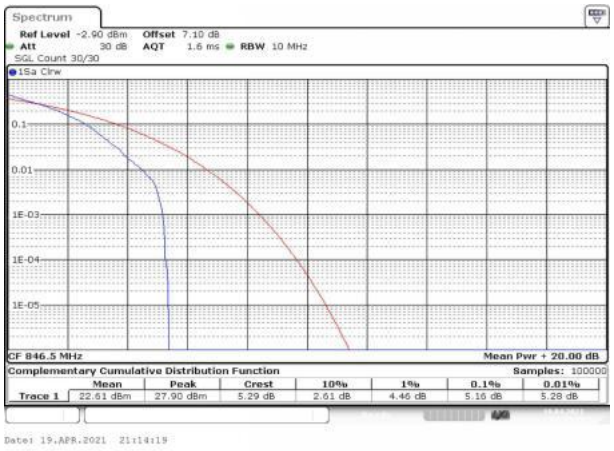


Fig.49

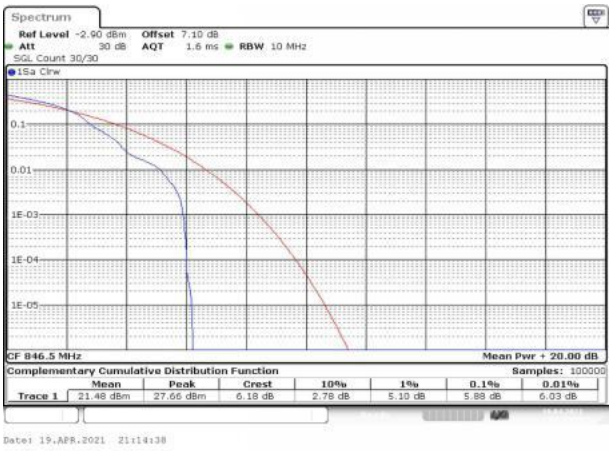


Fig.50

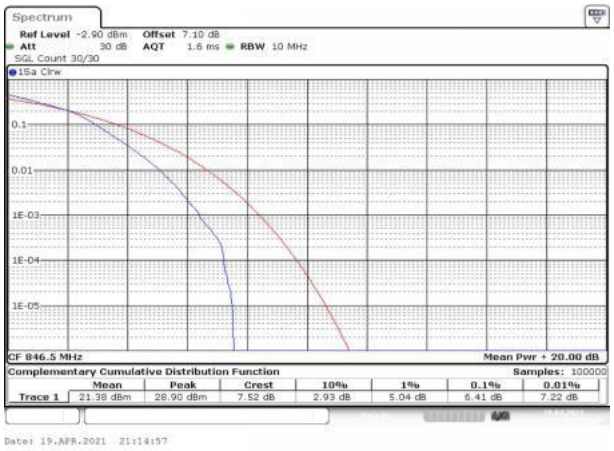


Fig.51

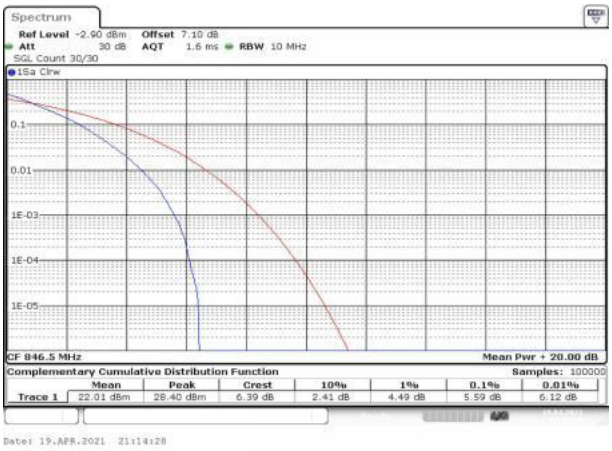
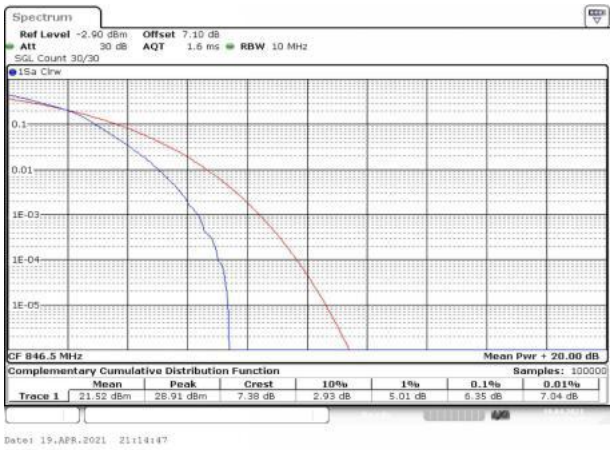


Fig.52



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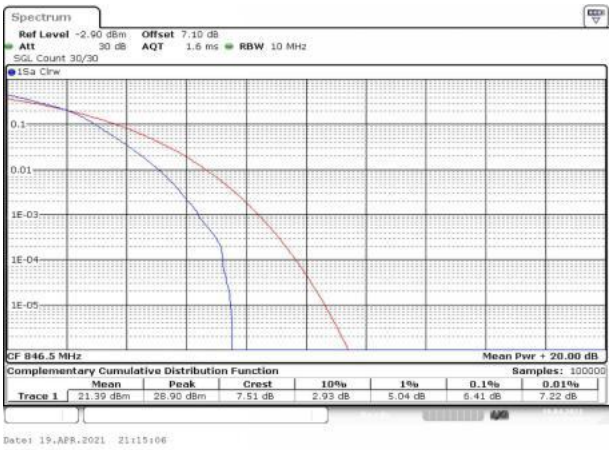


Fig.54

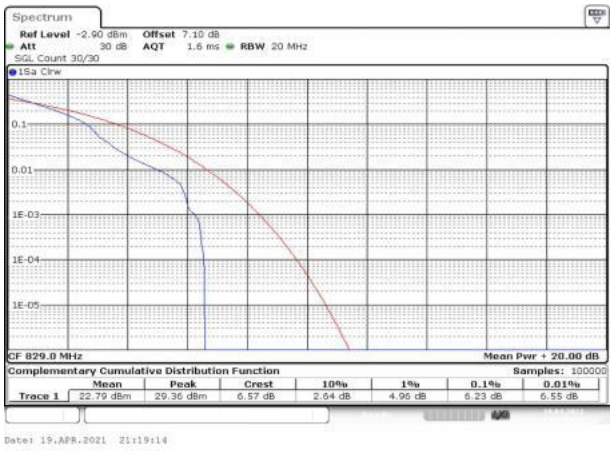


Fig.55

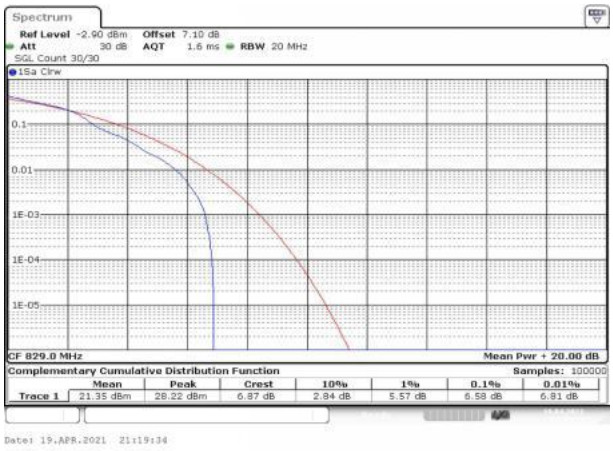
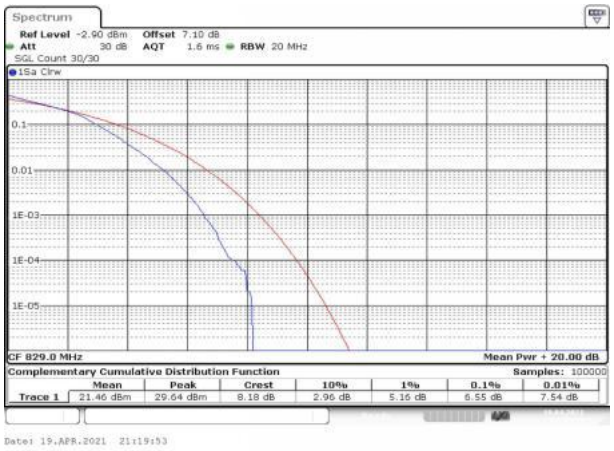


Fig.56



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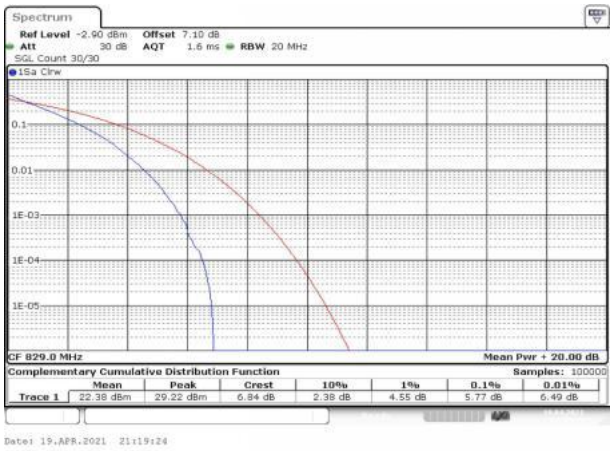

Fig.58

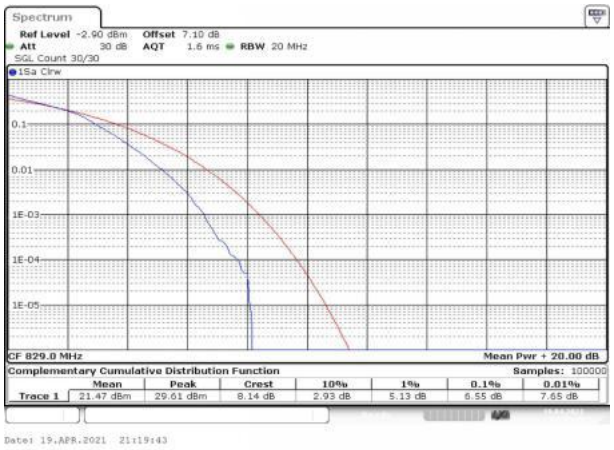

Fig.59

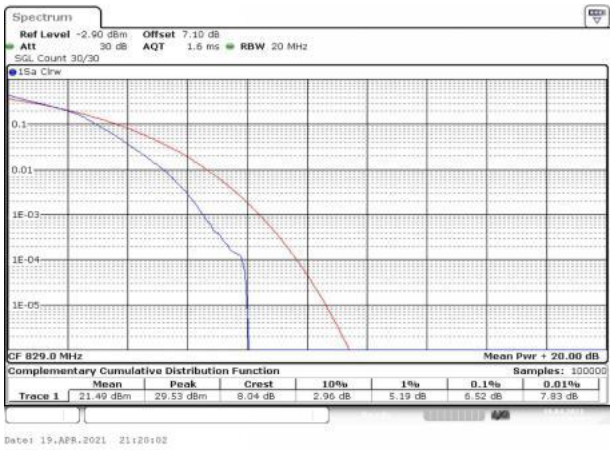

Fig.60

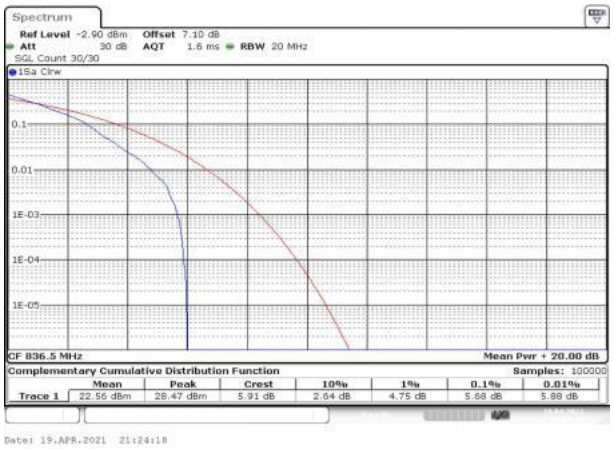

Fig.61

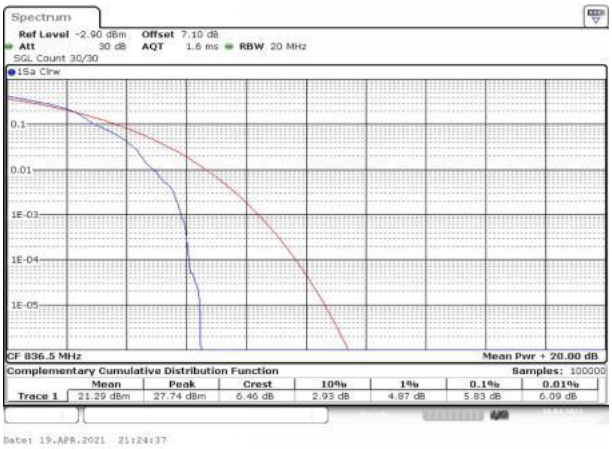

Fig.62

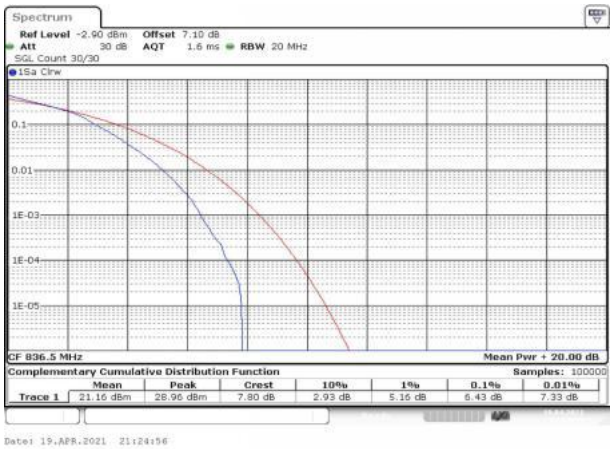

Fig.63

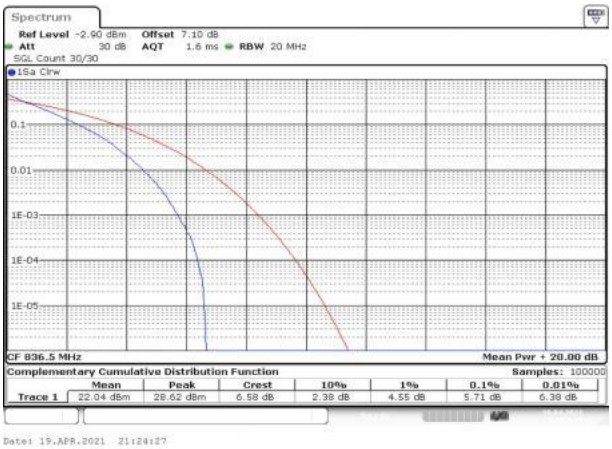

Fig.64

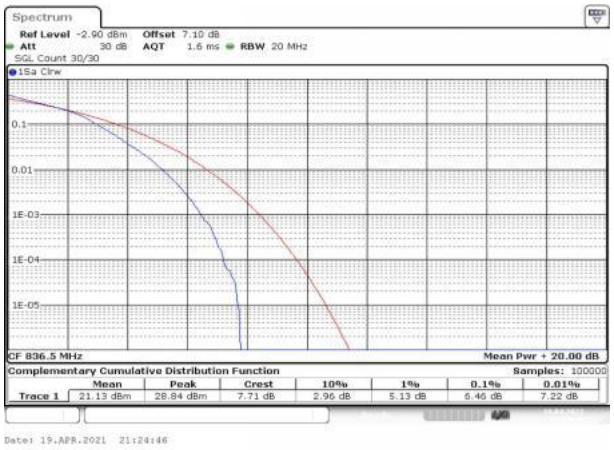

Fig.65

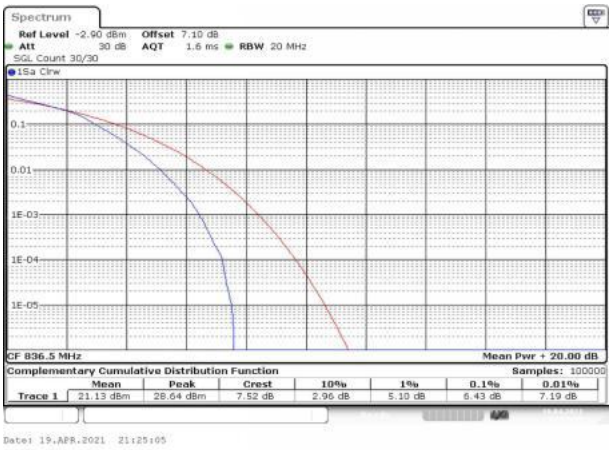

Fig.66