

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			
	836.5	26915		6	0	22.50			
				1	0	23.36			
				1	3	23.43			
				1	5	23.41			
				3	0	23.39			
				3	1	23.36			
	848.3	27033		3	3	23.35			
				6	0	22.54			
				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							
836.5	26915	6			0	22.06			
		1			0	23.71			
		1			3	23.42			
		1			5	23.53			
		3			0	22.44			
		3			1	22.55			
848.3	27033	3			3	22.55			
		6			0	21.75			
		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
				1	0	22.13
	848.3	27033		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

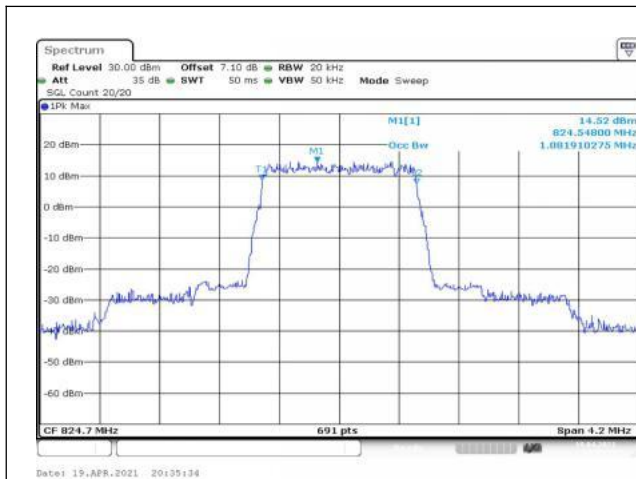


Fig.1

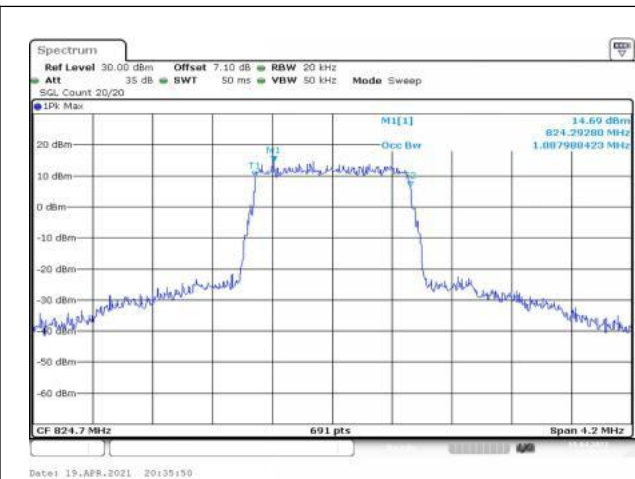


Fig.2

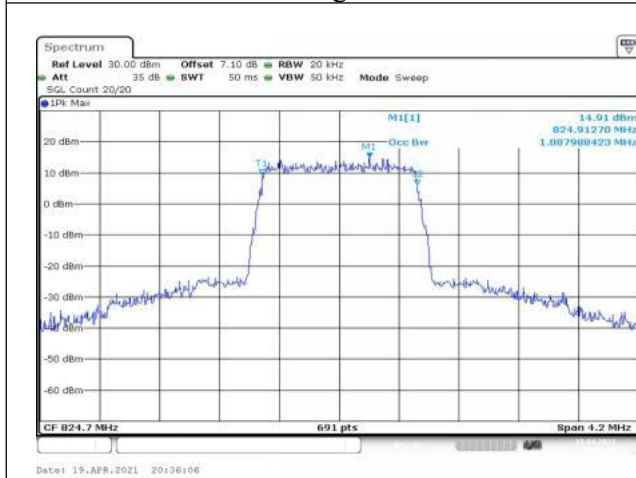


Fig.3

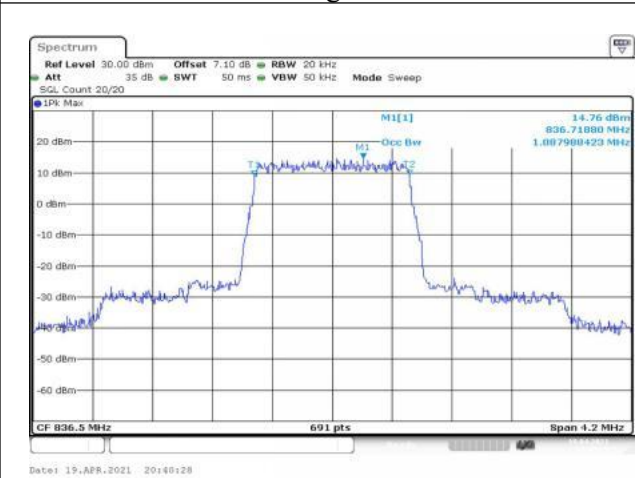


Fig.4

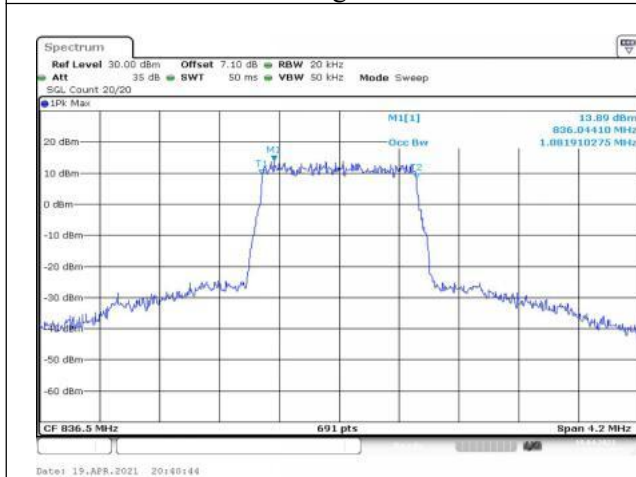


Fig.5

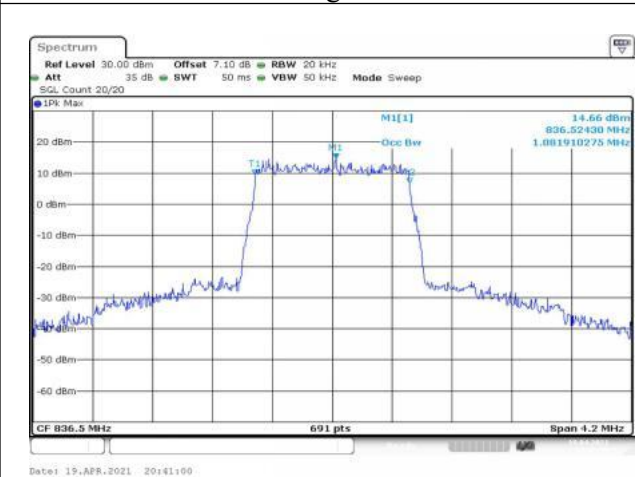


Fig.6

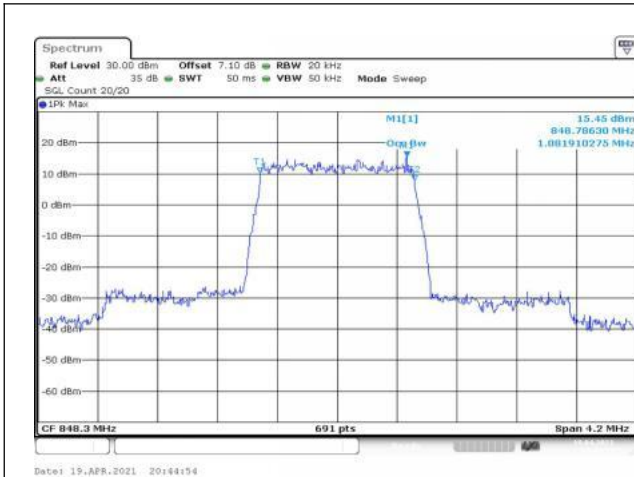


Fig.7

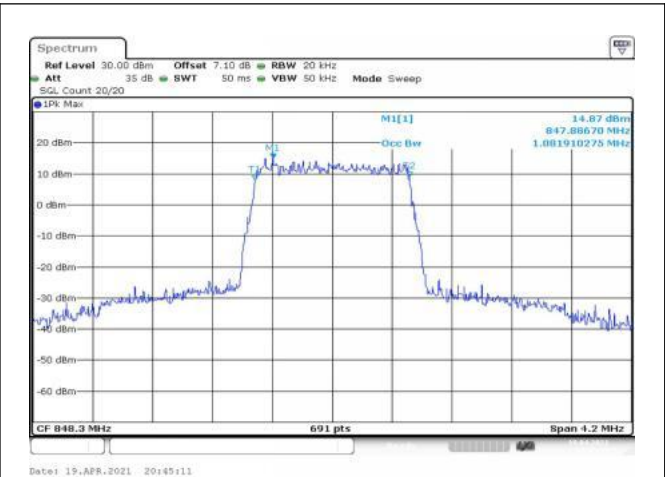


Fig.8

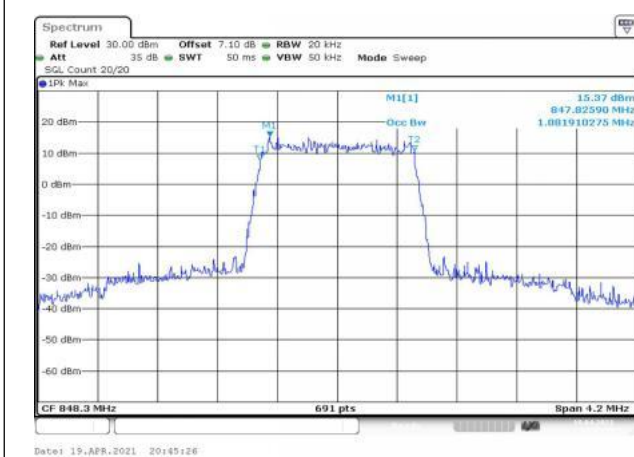


Fig.9

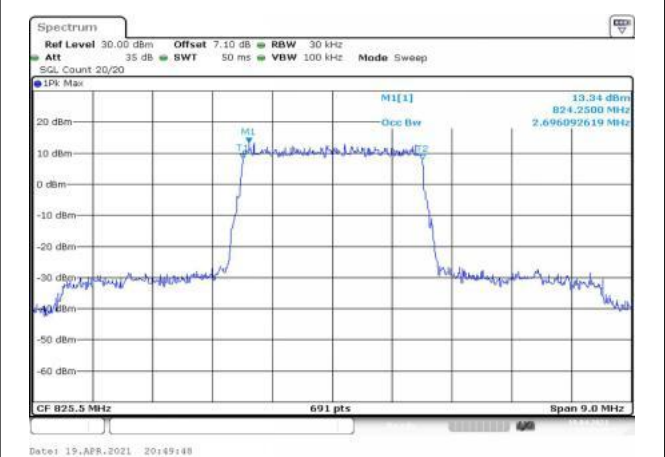


Fig.10

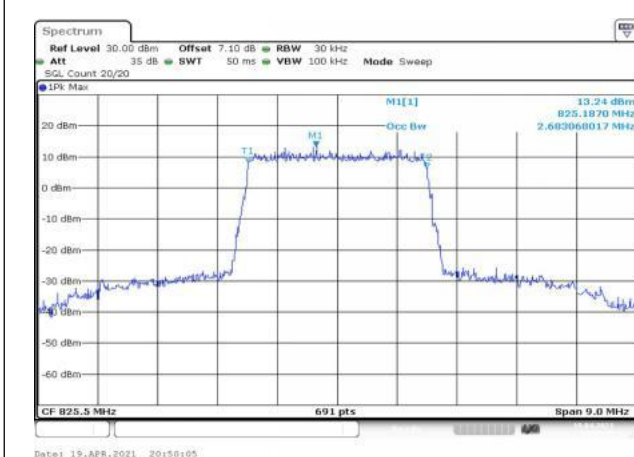


Fig.11

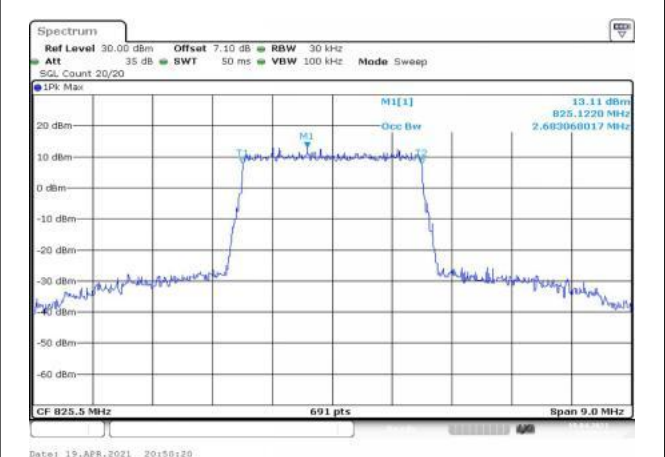
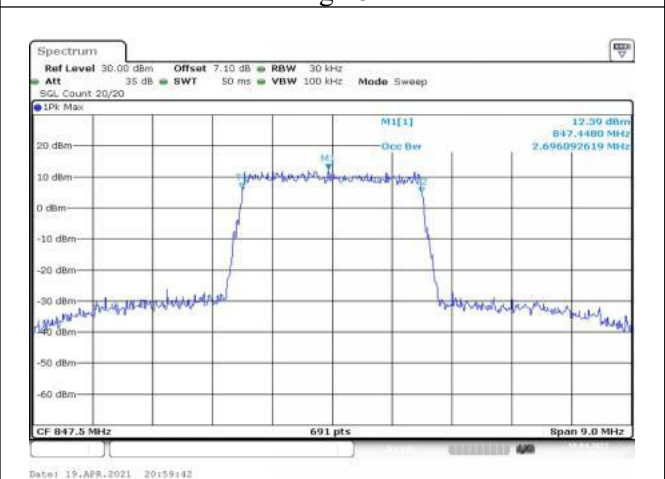
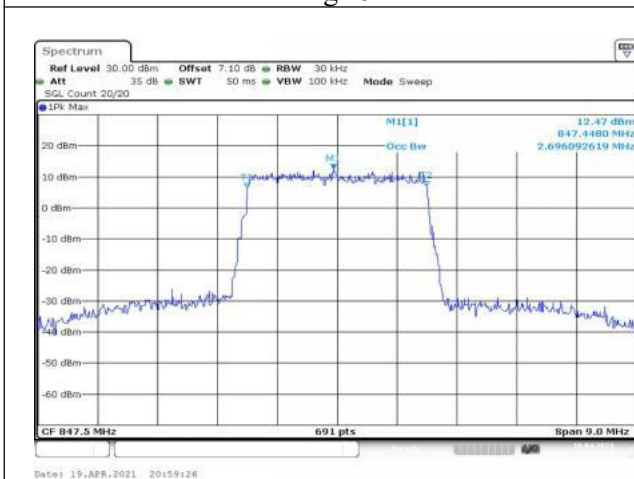
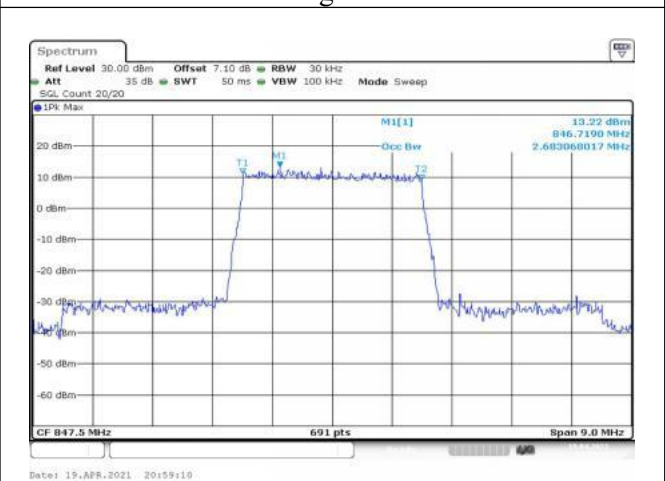
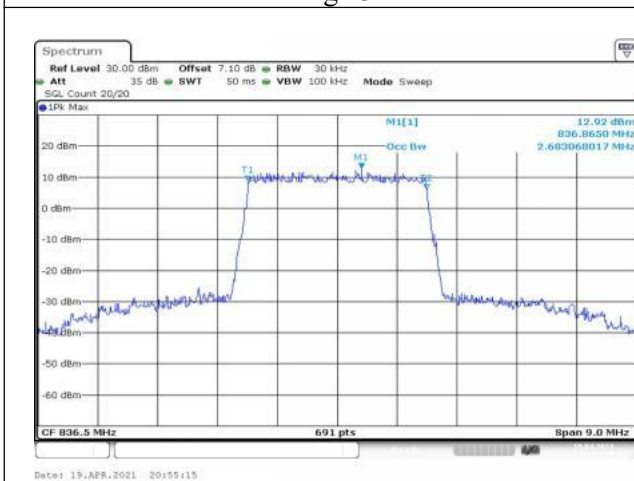
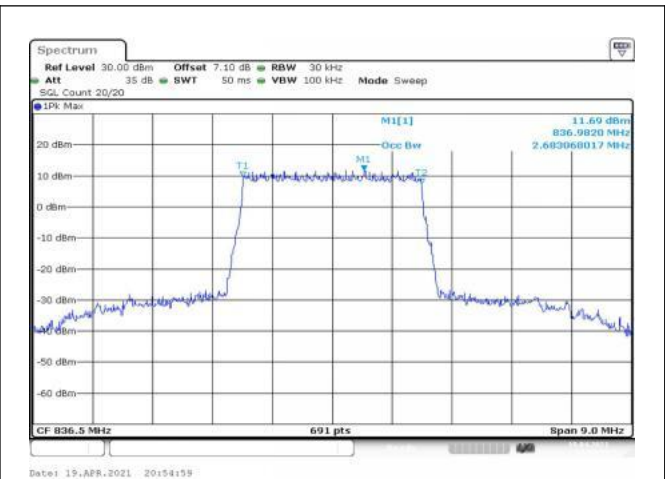
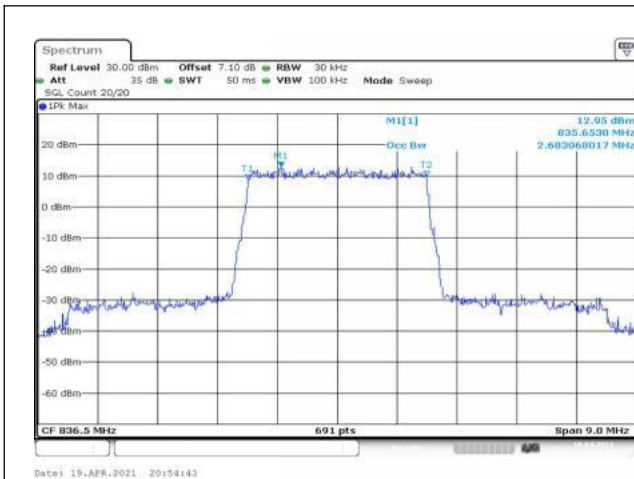
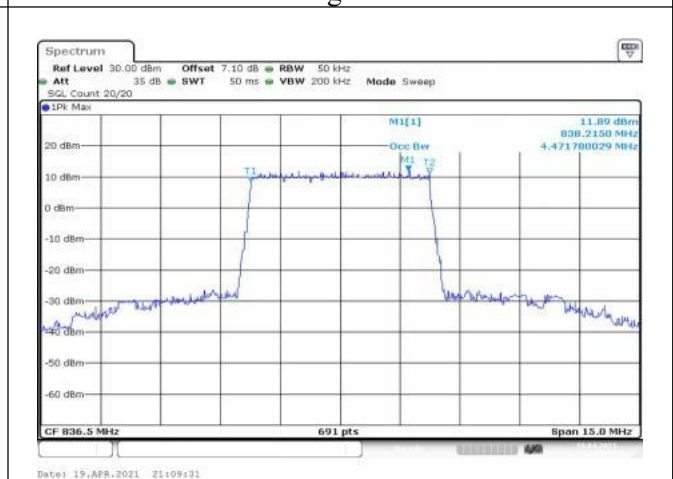
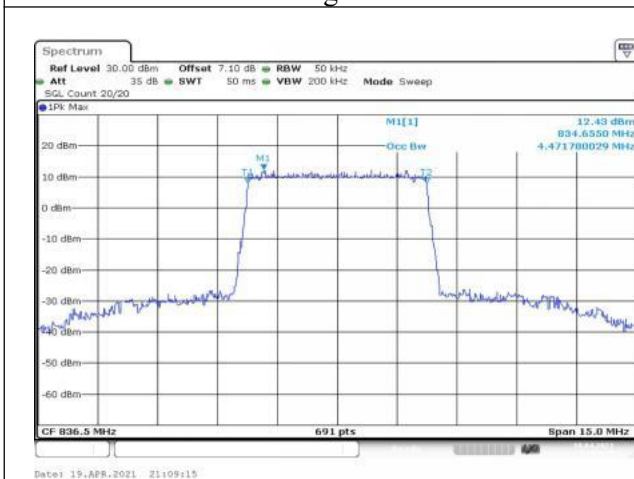
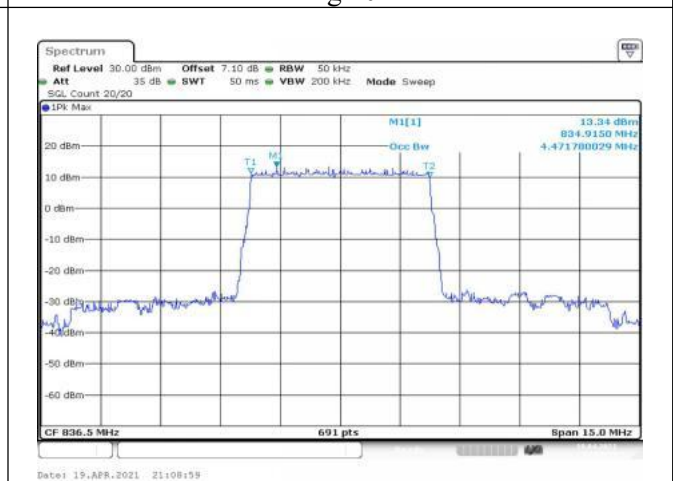
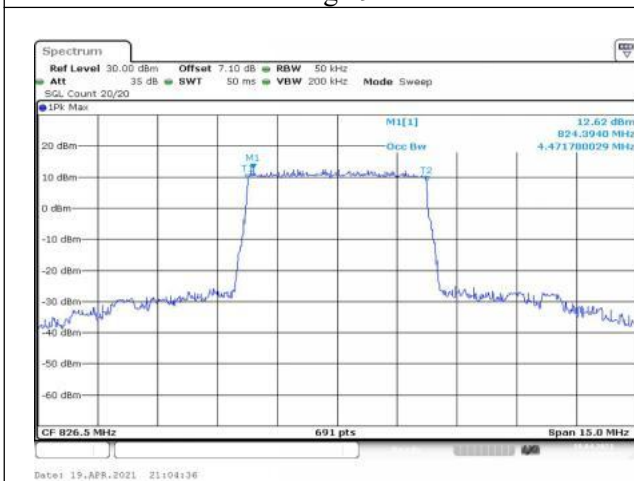
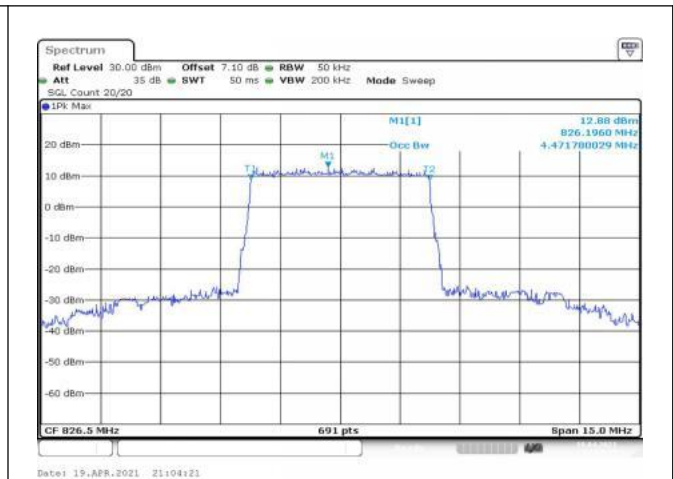
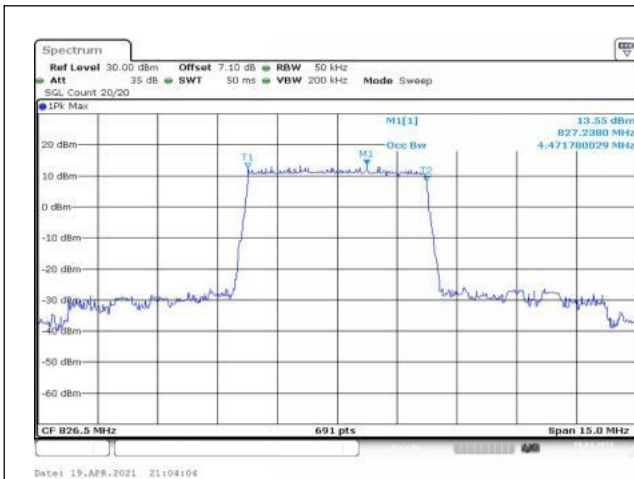
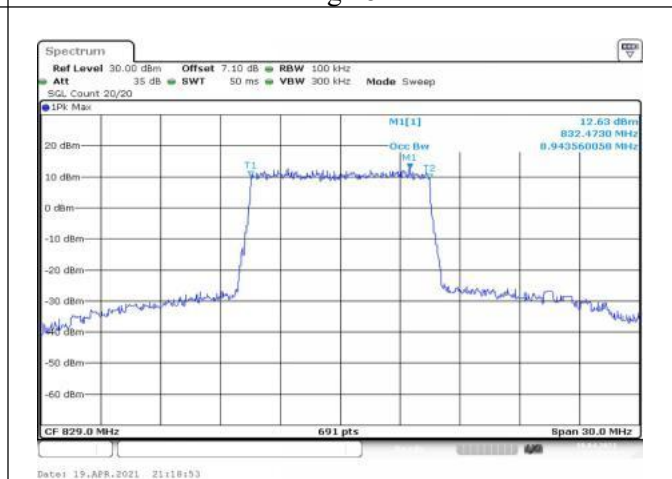
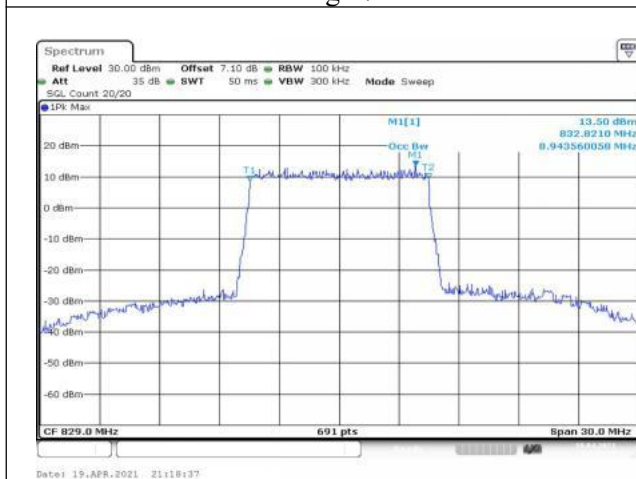
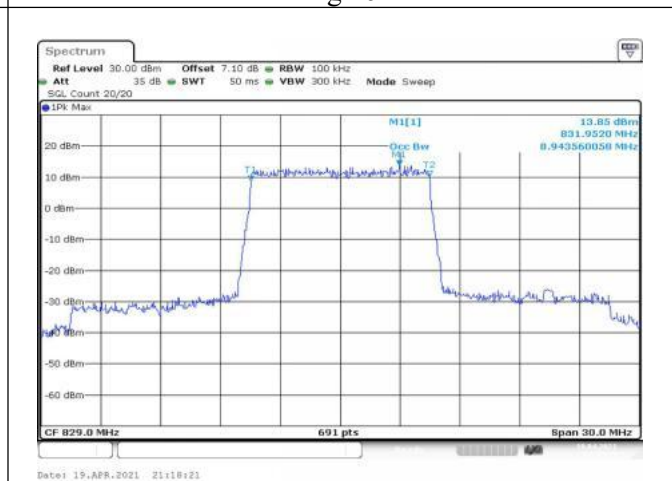
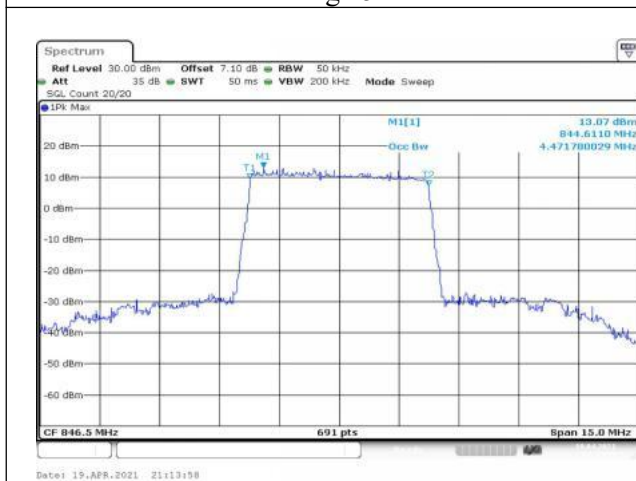
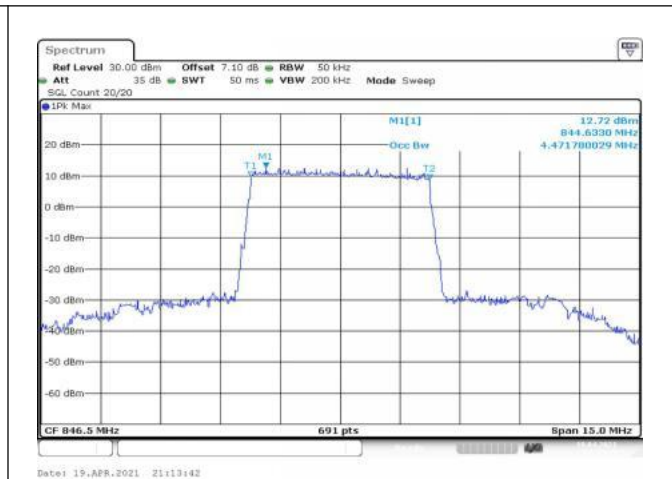
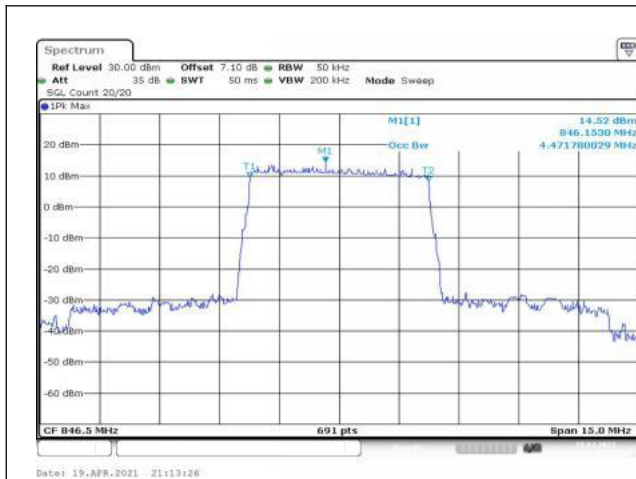


Fig.12







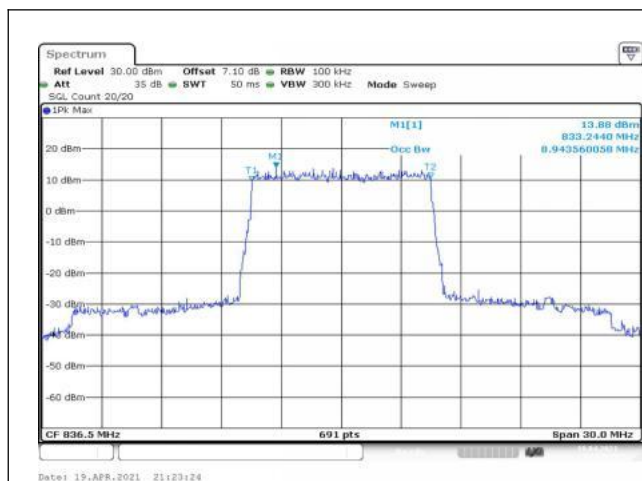


Fig.31

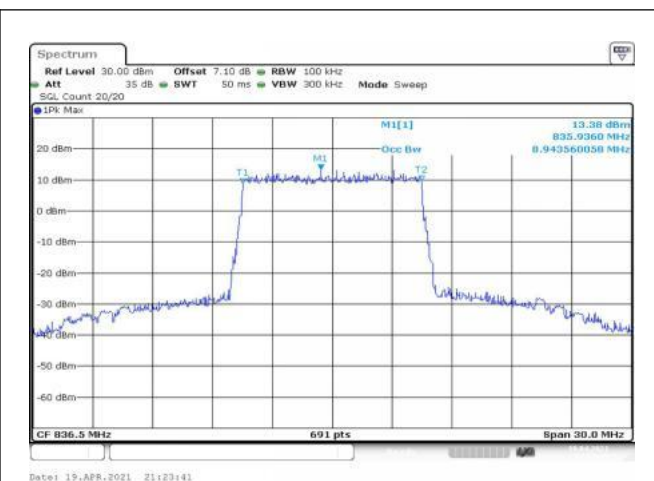


Fig.32

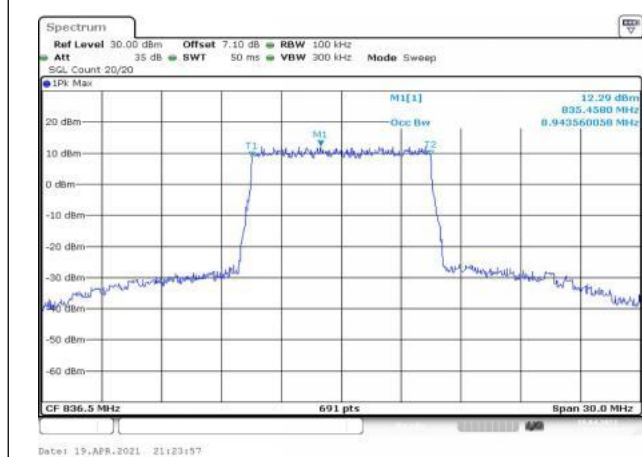


Fig.33

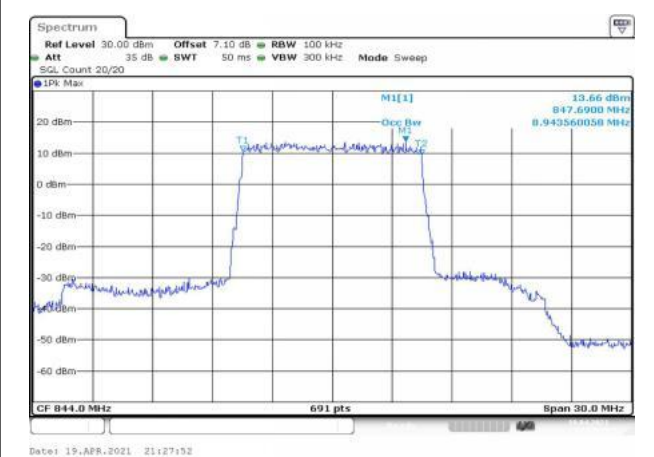


Fig.34

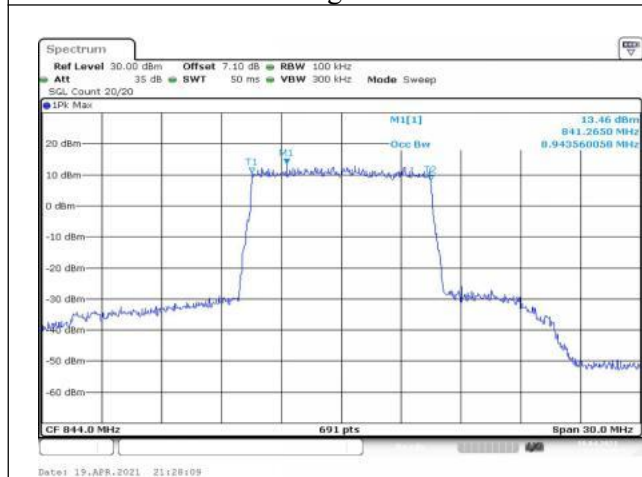


Fig.35

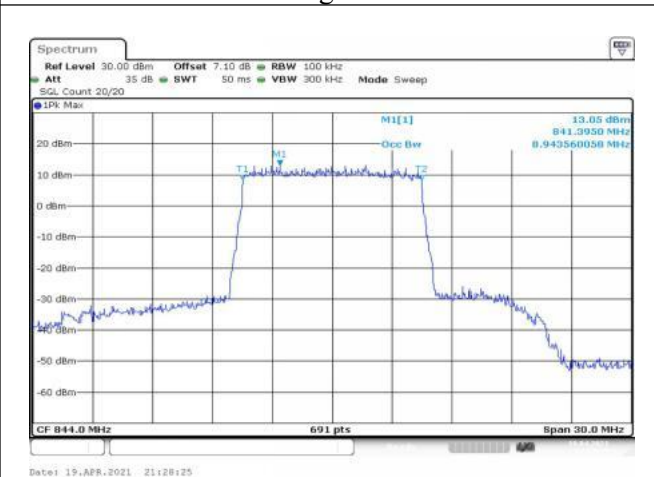


Fig.36

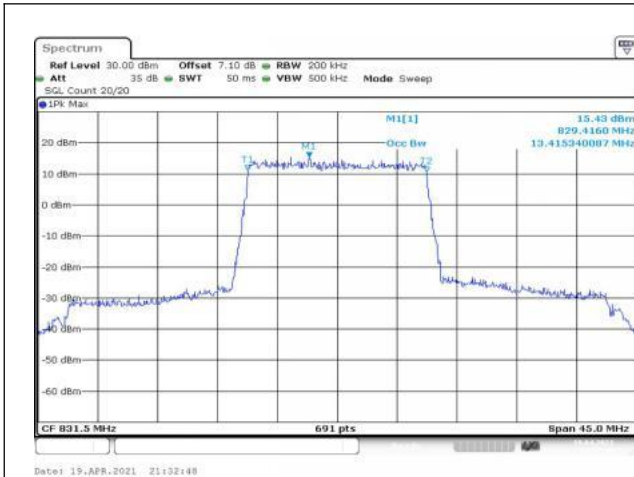


Fig.37

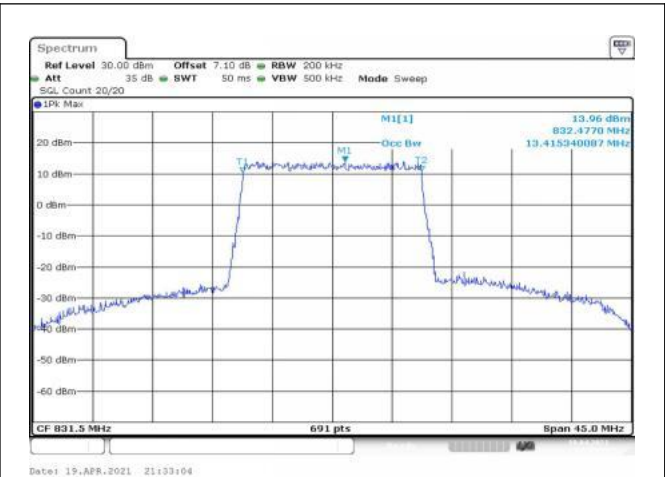


Fig.38

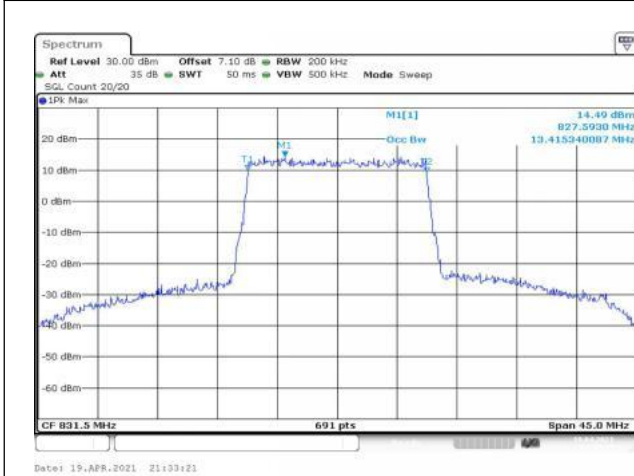


Fig.39

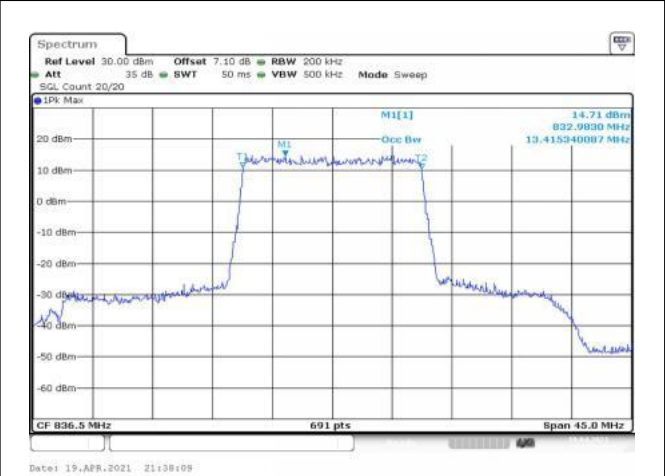


Fig.40

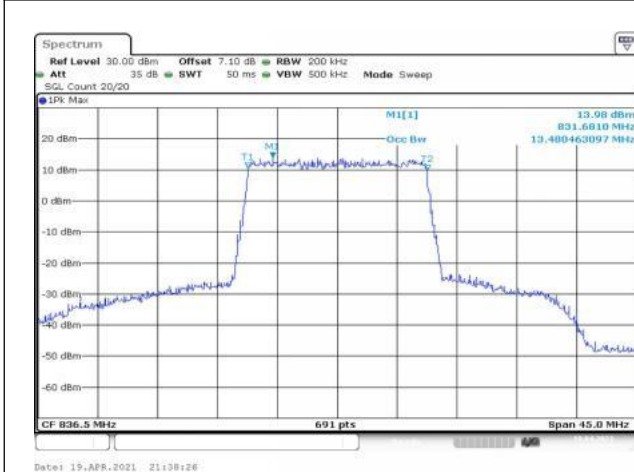


Fig.41

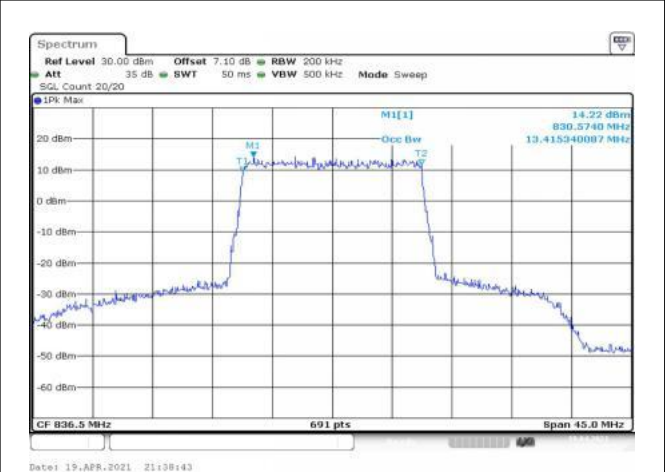
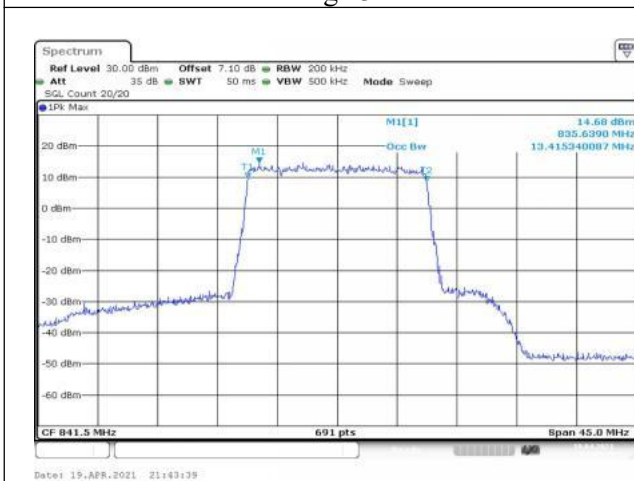
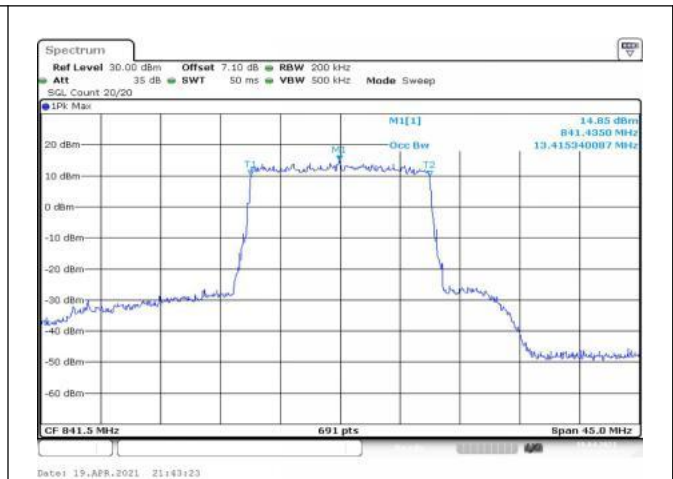
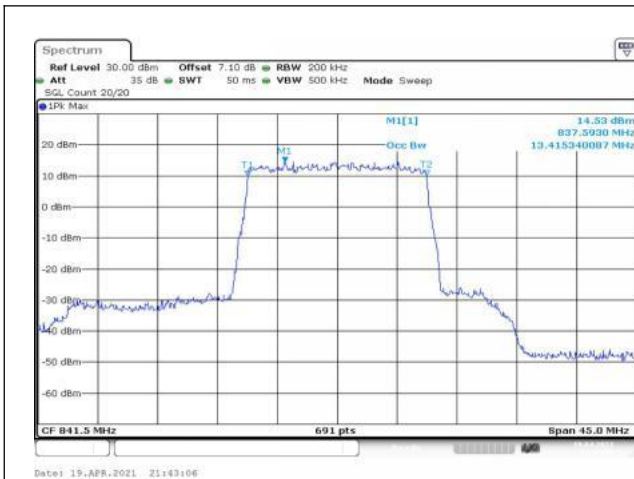


Fig.42



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

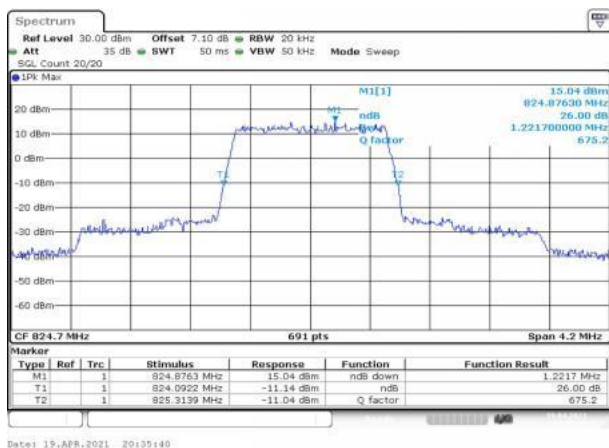


Fig.1

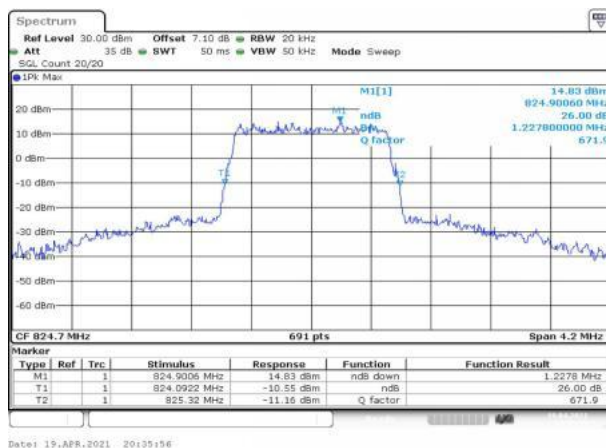


Fig.2

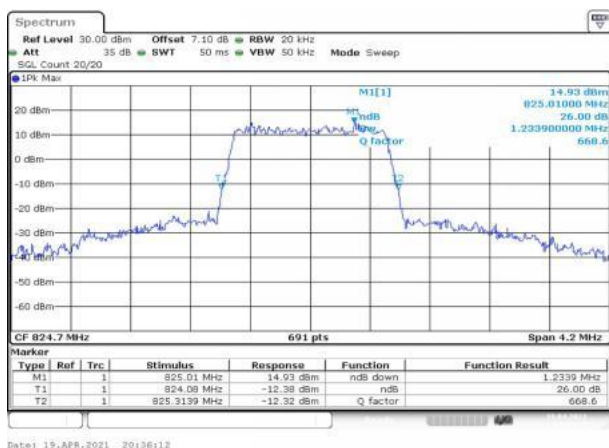


Fig.3

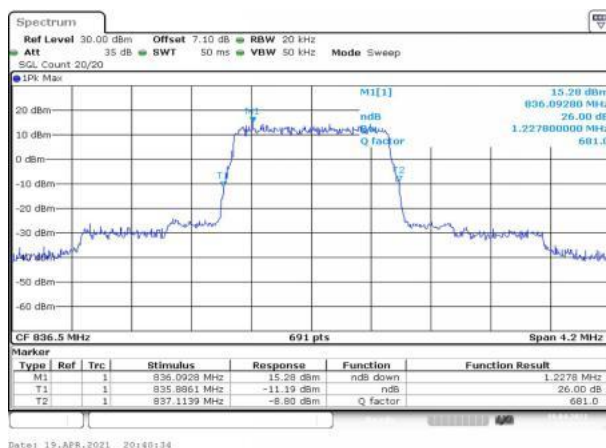


Fig.4

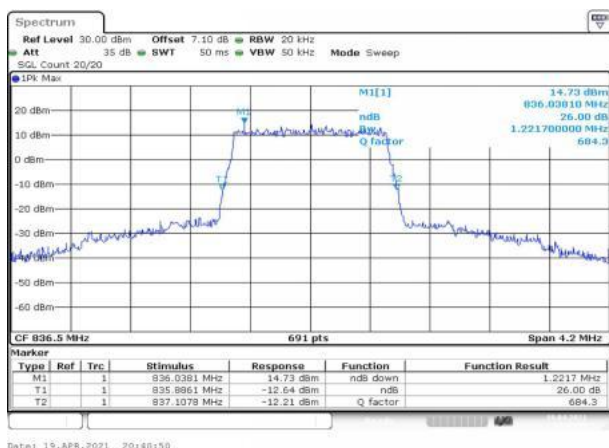


Fig.5

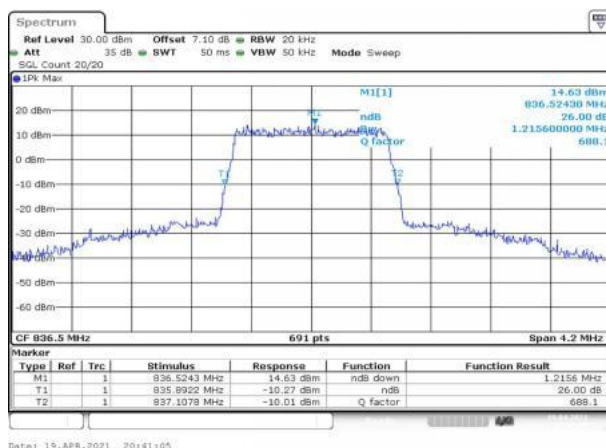


Fig.6

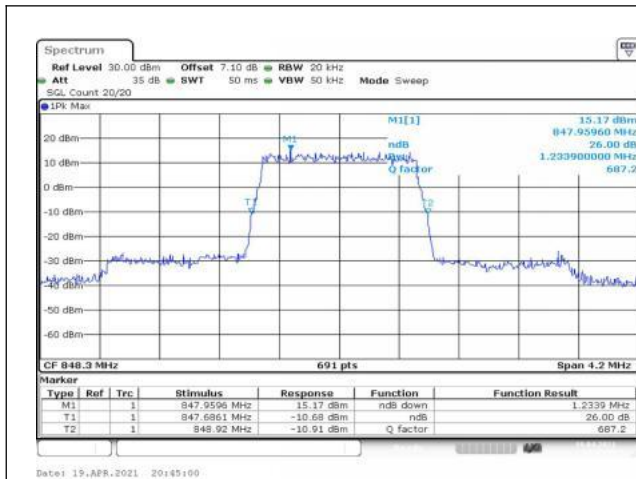


Fig.7

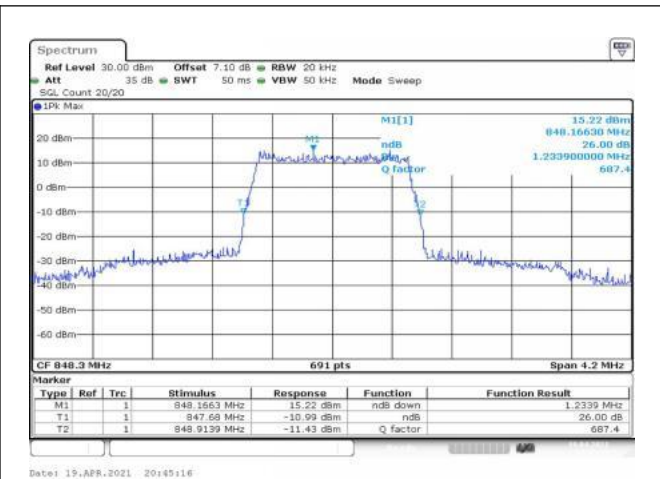


Fig.8

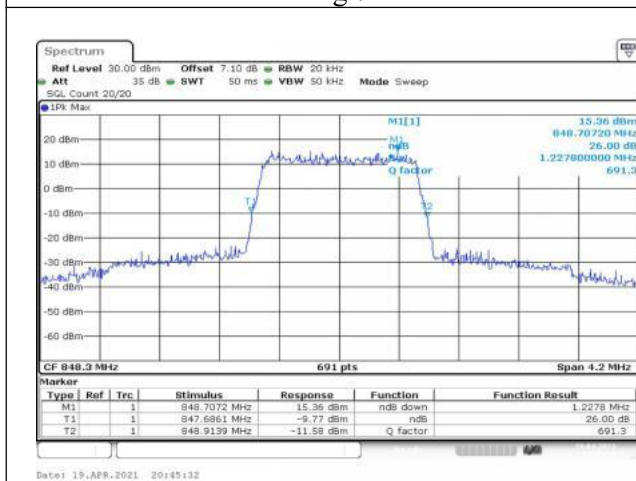


Fig.9

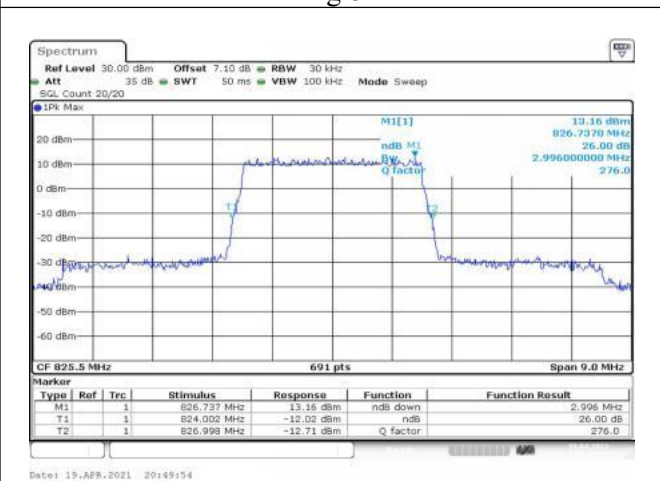


Fig.10

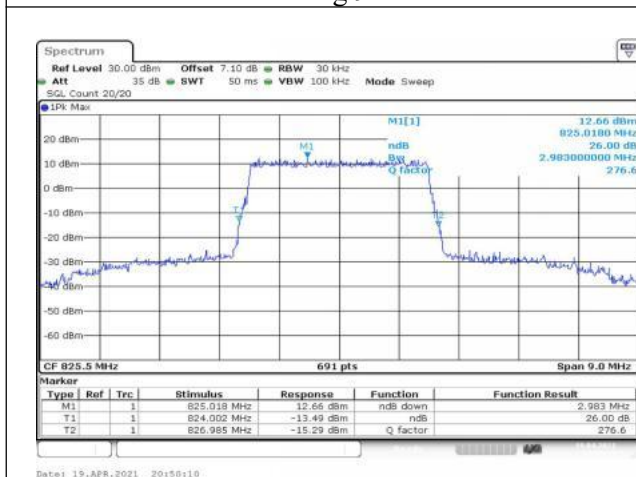


Fig.11

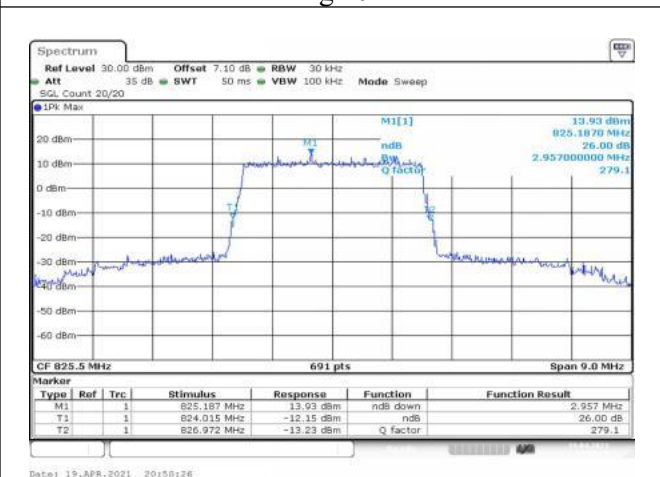


Fig.12

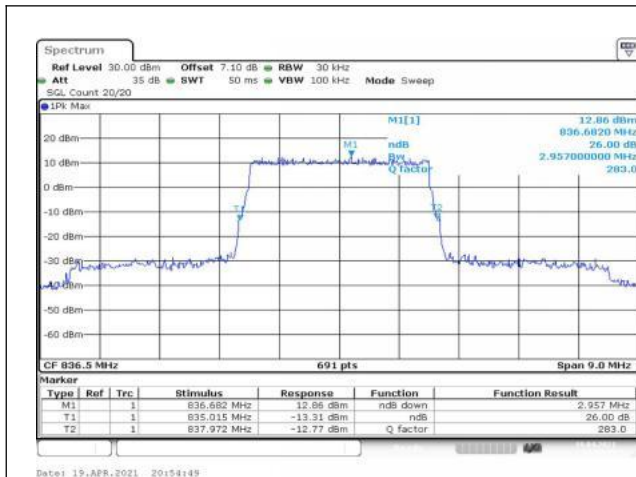


Fig.13

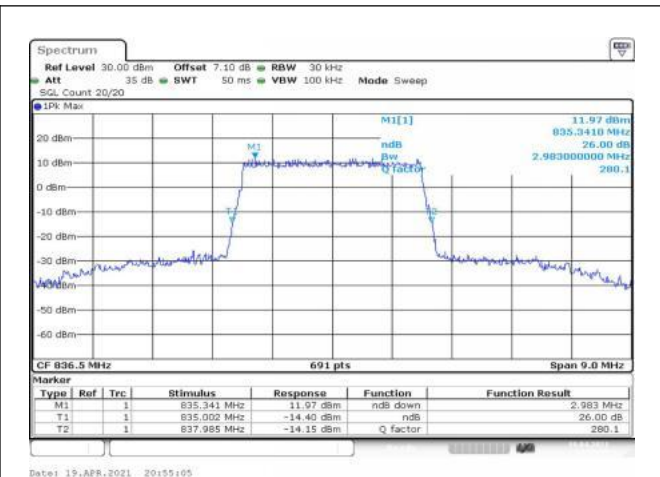


Fig.14

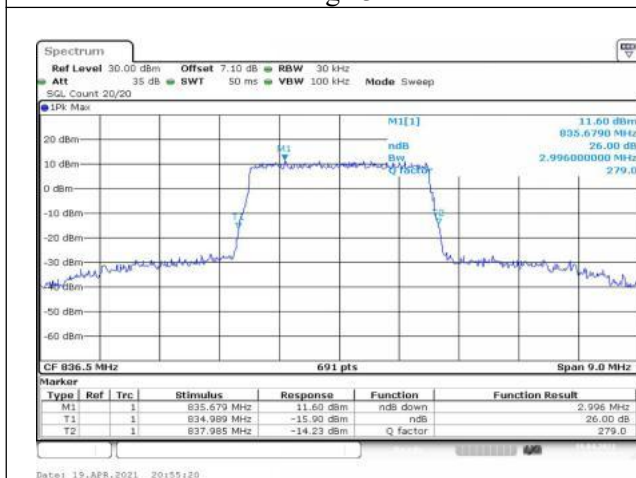


Fig.15

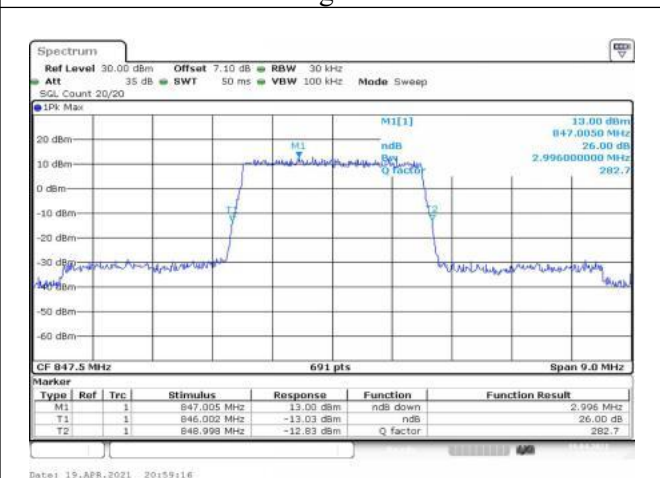


Fig.16

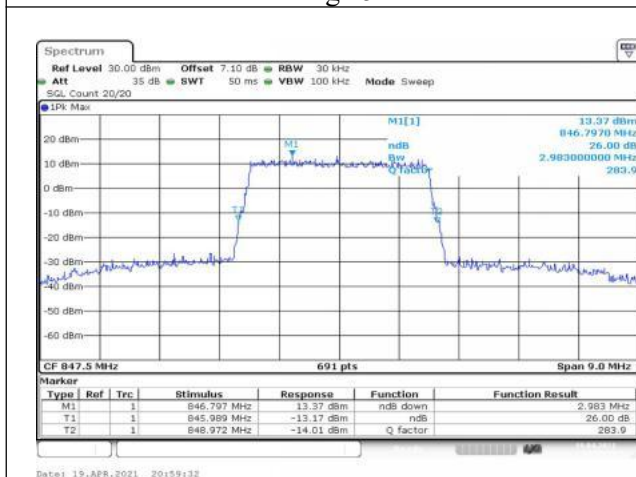


Fig.17

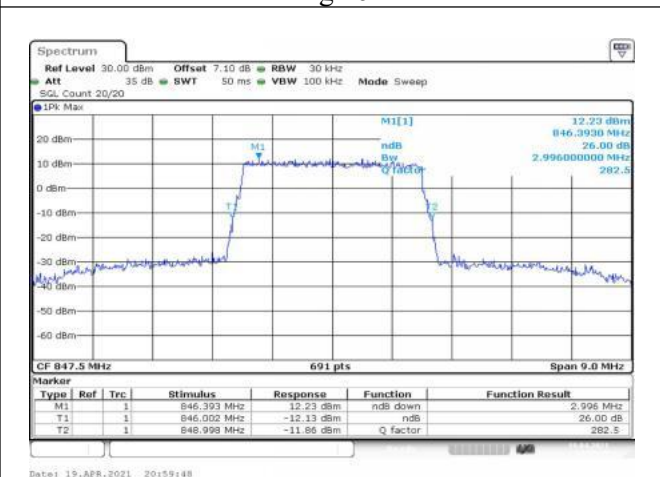


Fig.18

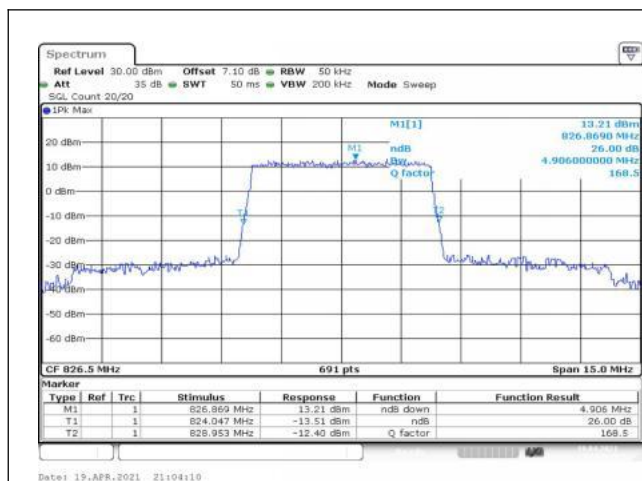


Fig.19

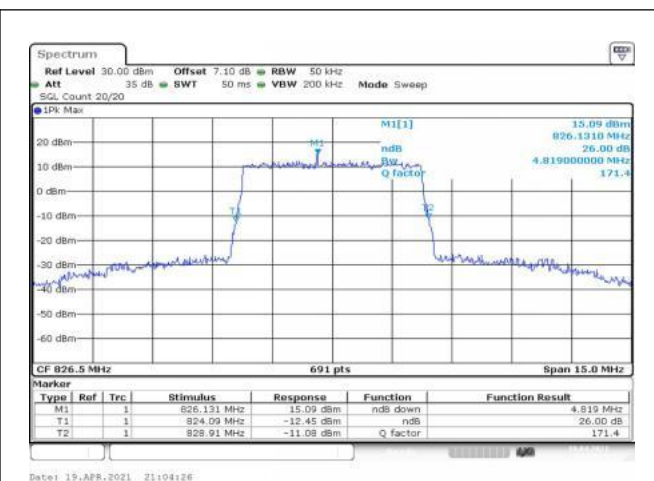


Fig.20

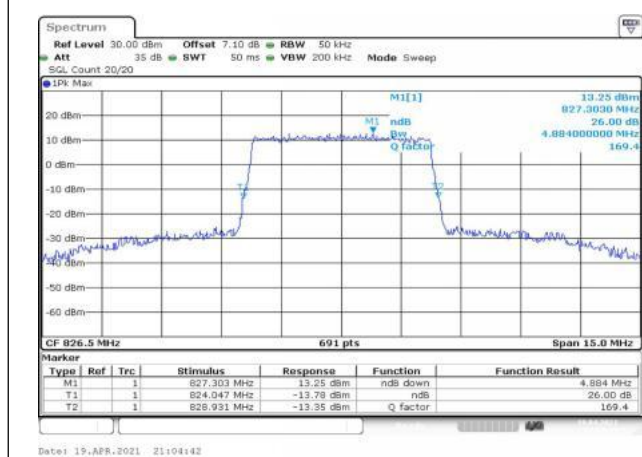


Fig.21

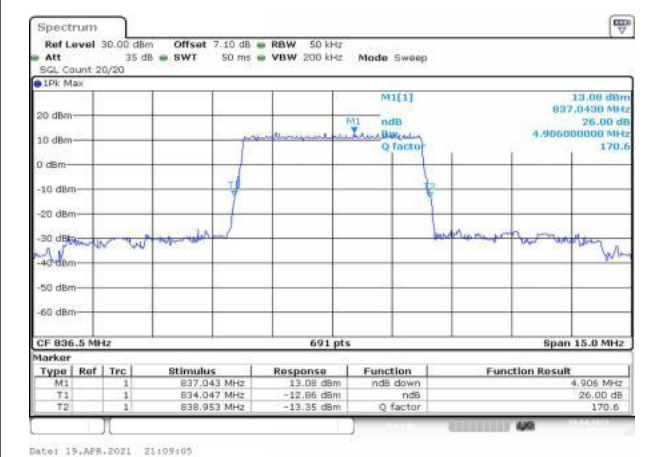


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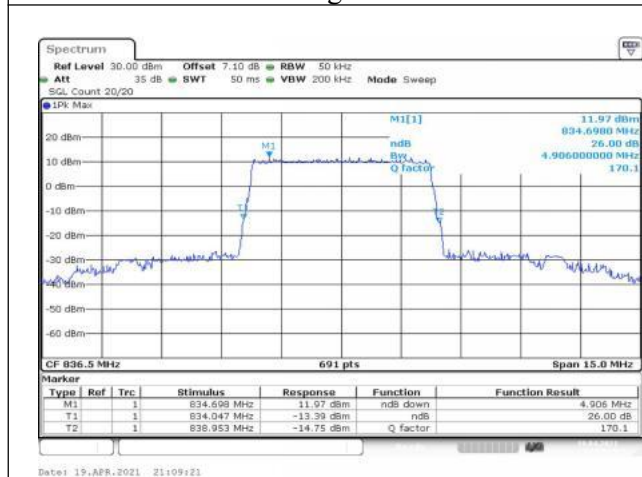


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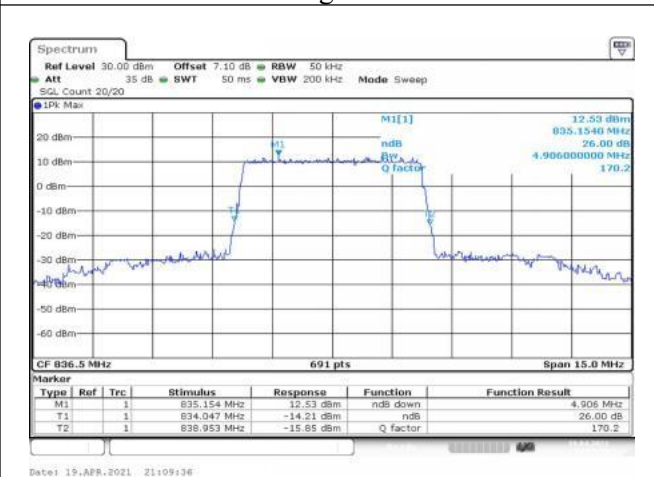


Fig.24

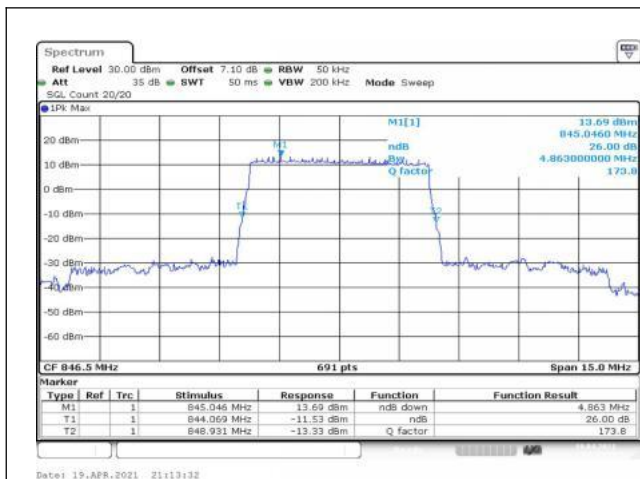


Fig.25

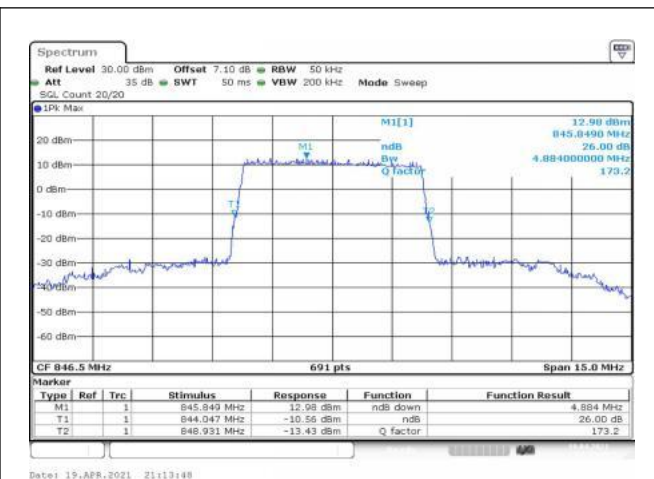


Fig.26

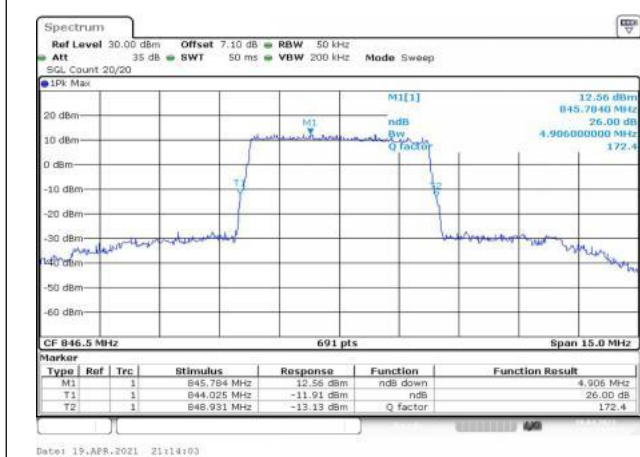


Fig.27

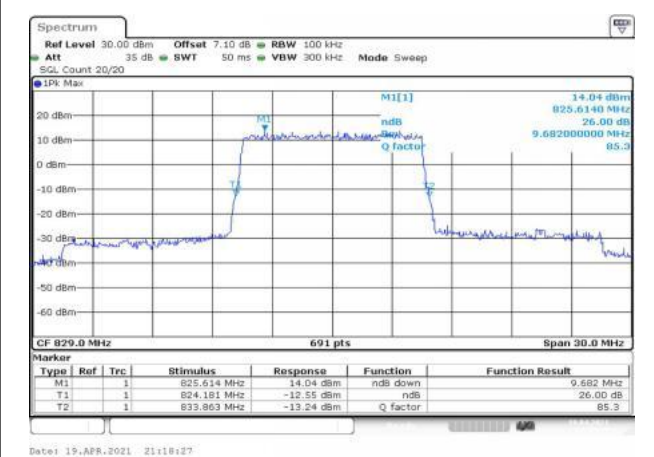


Fig.28

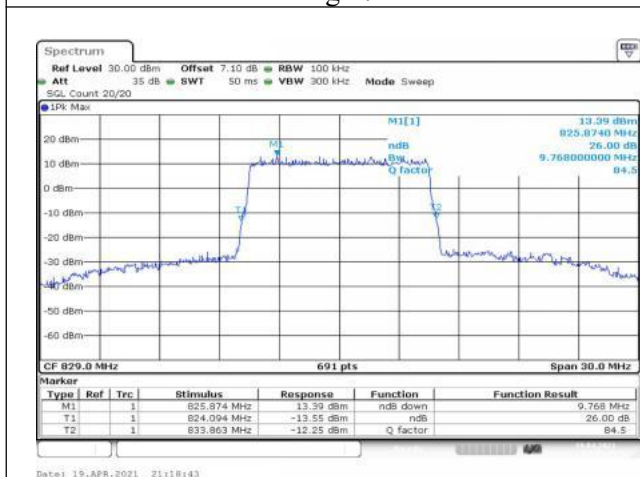


Fig.29

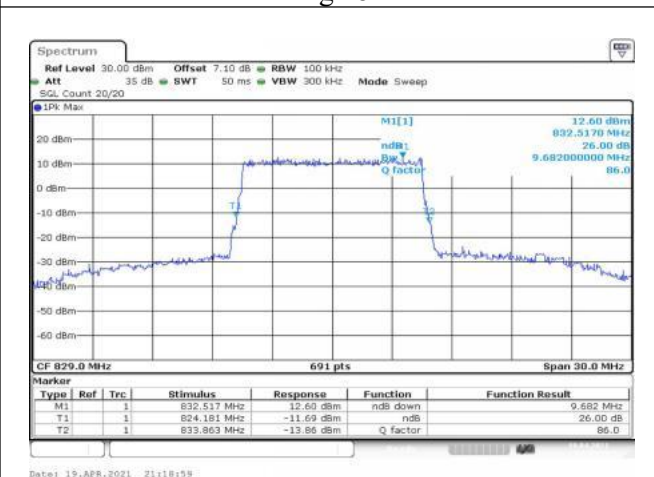


Fig.30

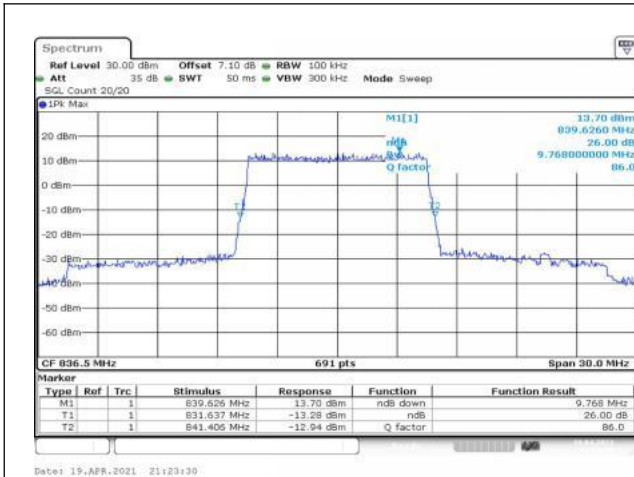


Fig.31

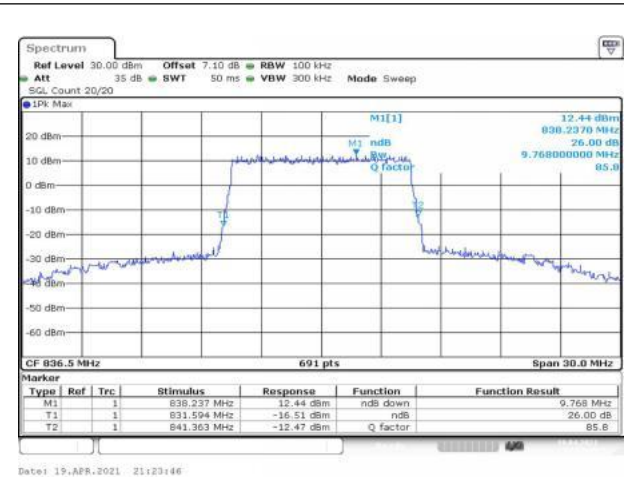


Fig.32

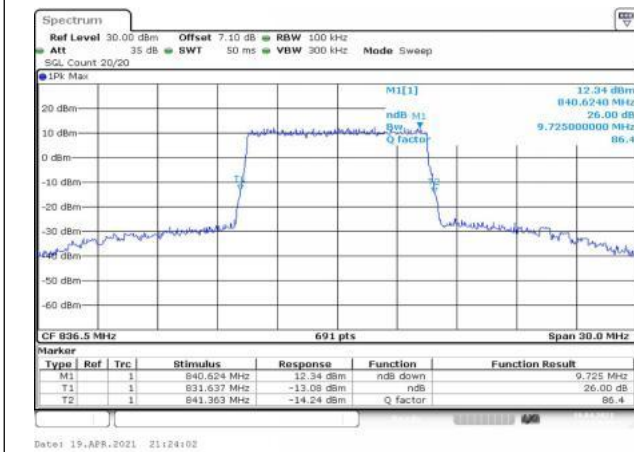


Fig.33

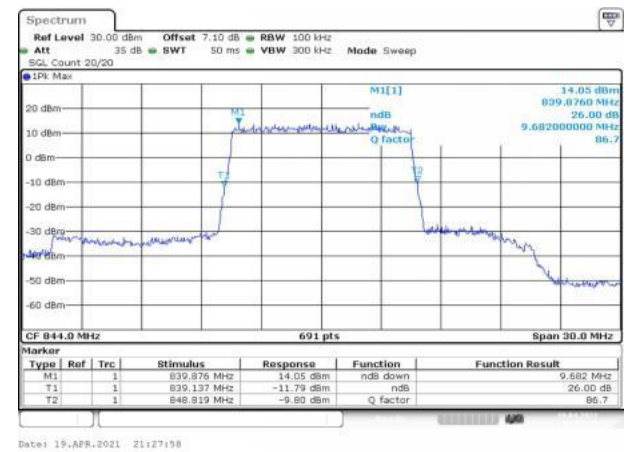


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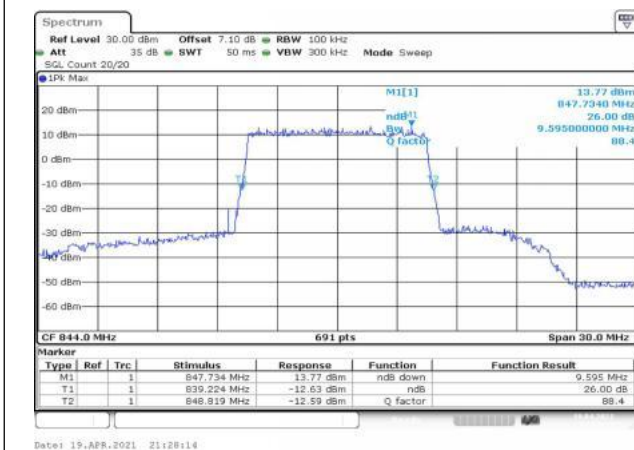


Fig.35

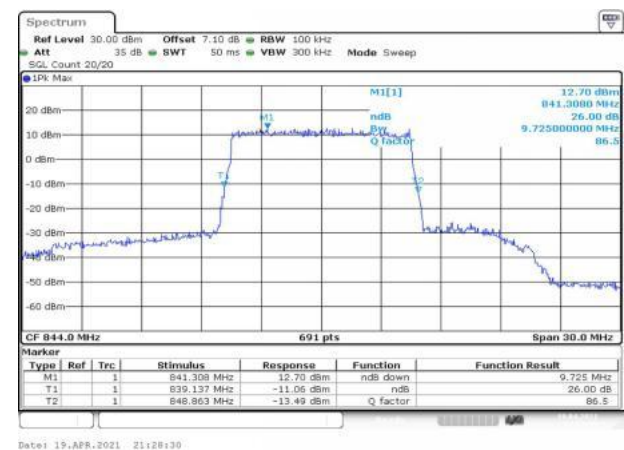


Fig.36

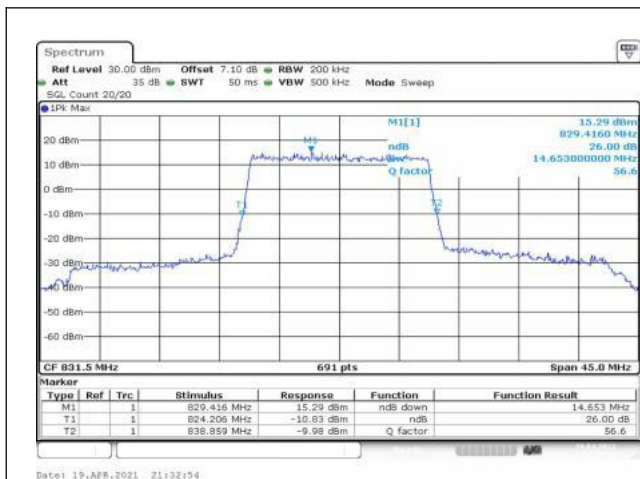


Fig.37

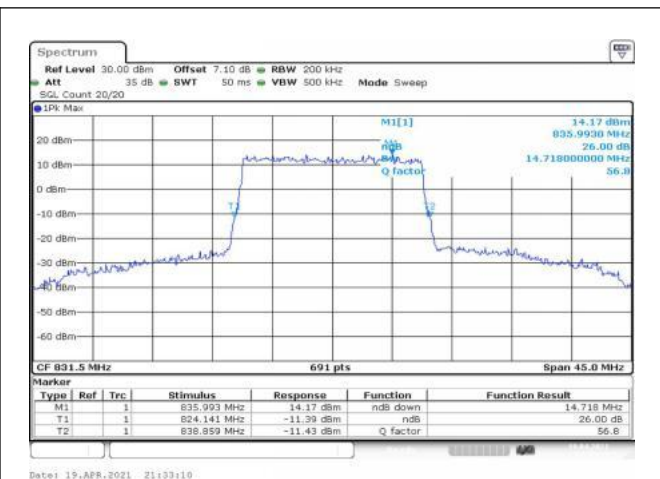


Fig.38

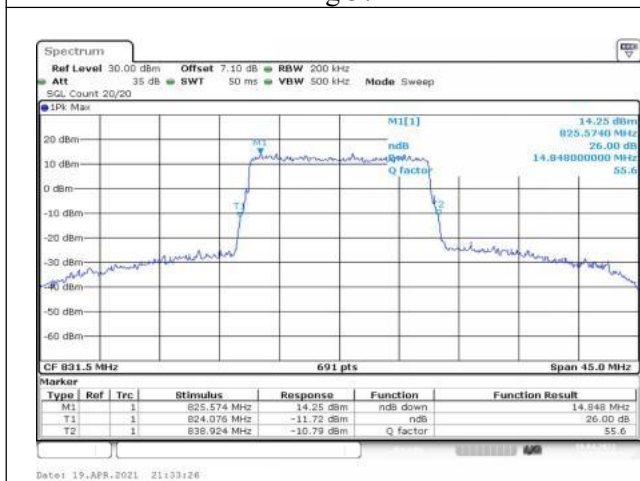


Fig.39

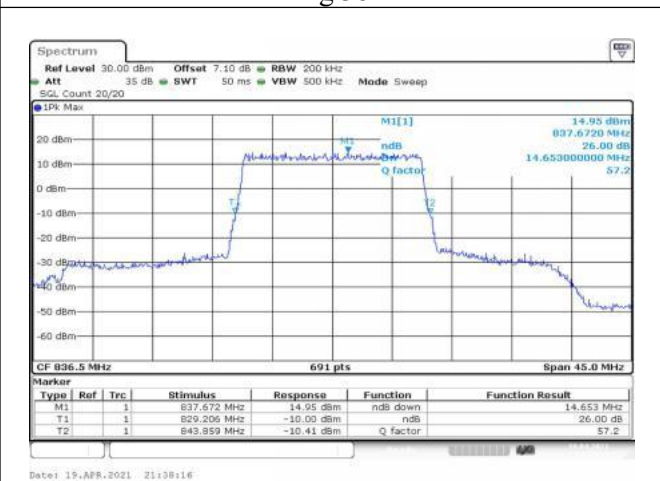


Fig.40



Fig.41

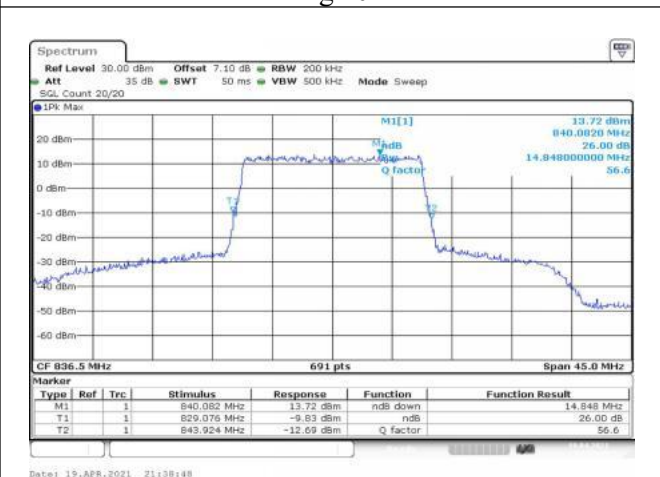


Fig.42



Fig.43

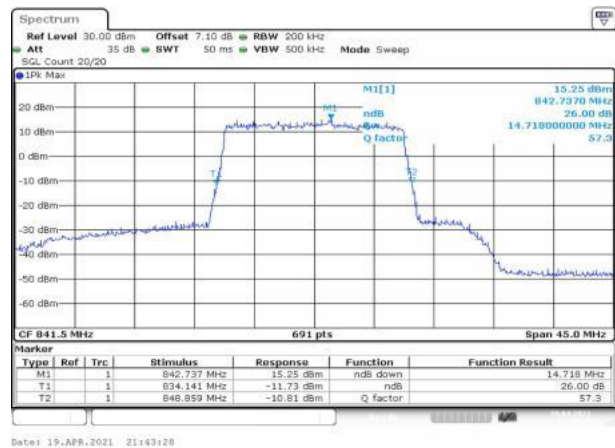


Fig.44

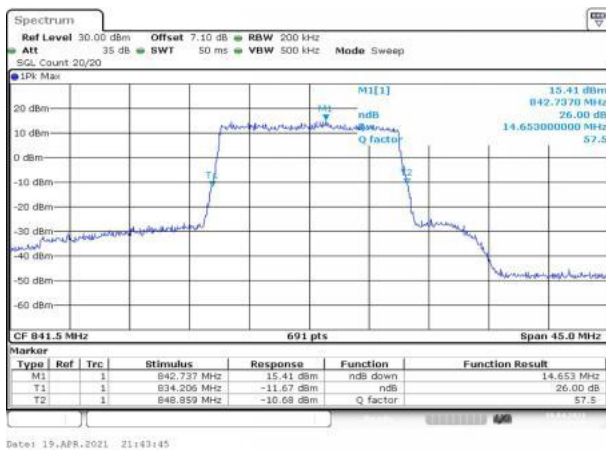


Fig.45

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

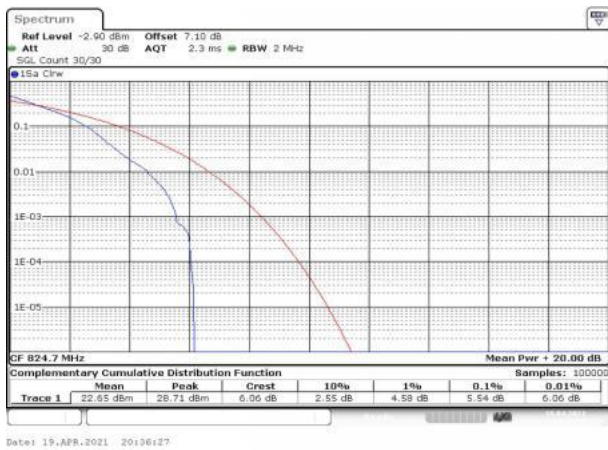


Fig.1

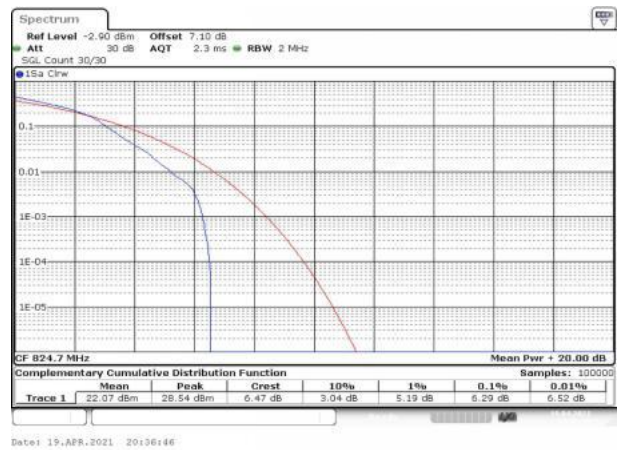


Fig.2

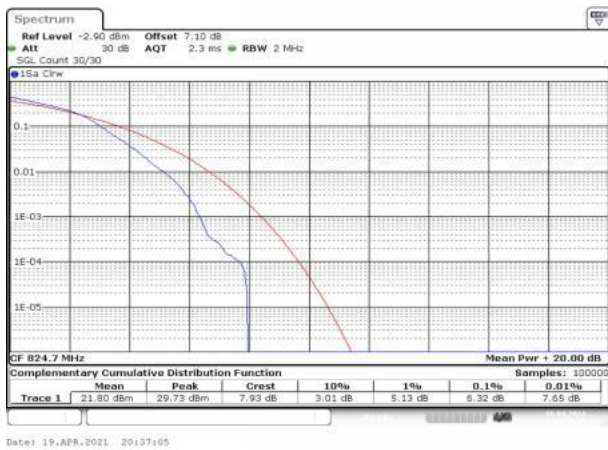


Fig.3

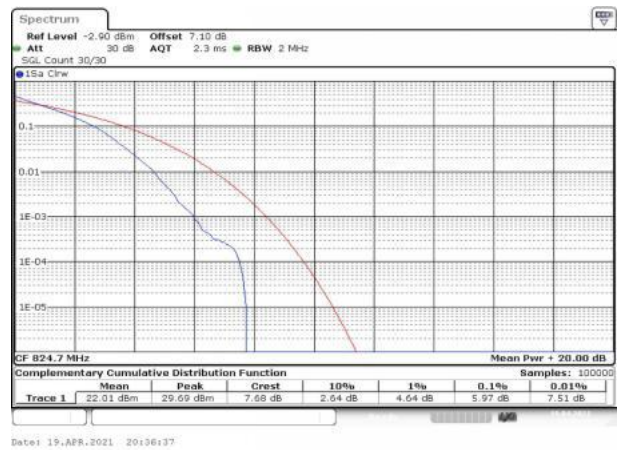


Fig.4

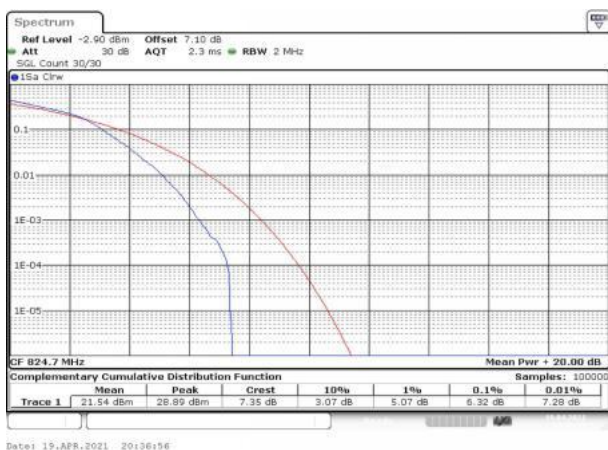


Fig.5

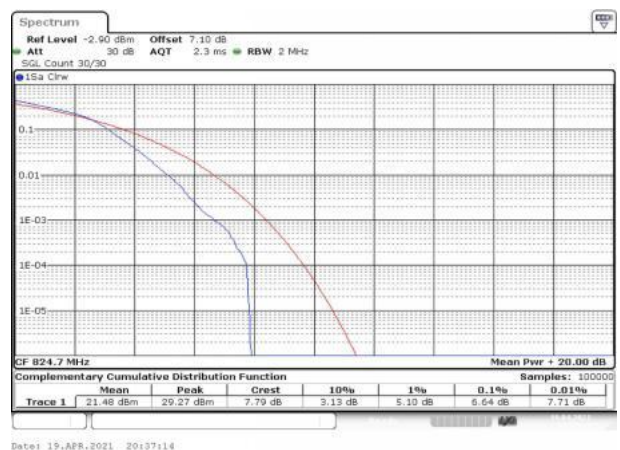


Fig.6

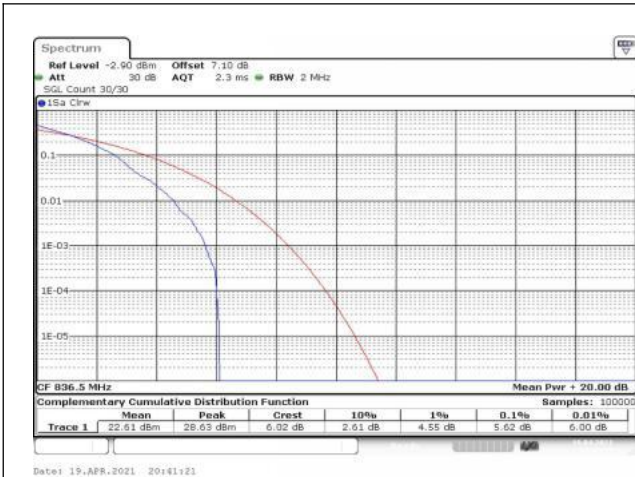


Fig.7

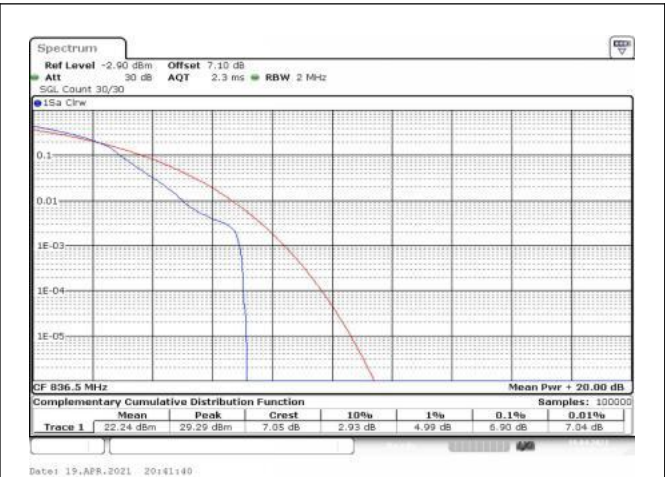


Fig.8

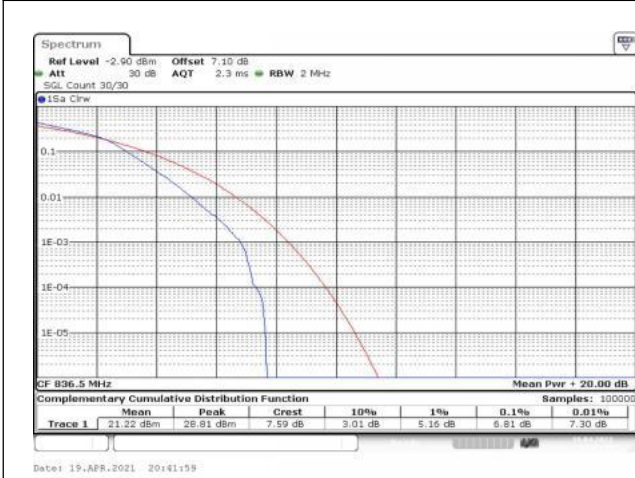


Fig.9

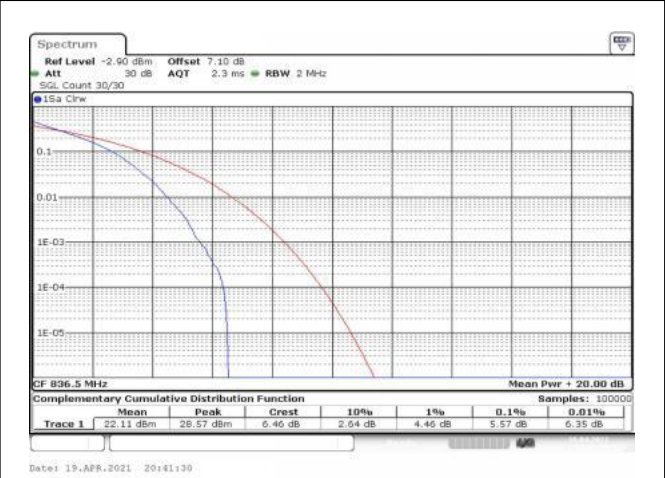


Fig.10

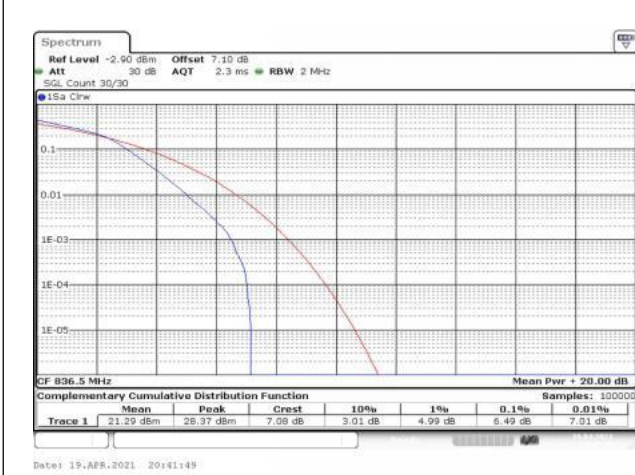


Fig.11

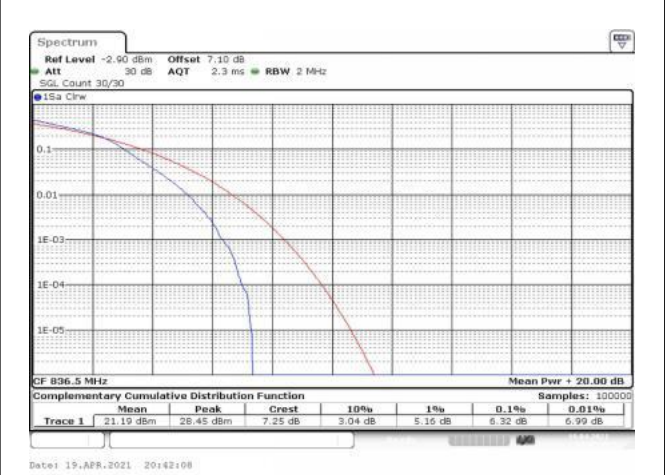


Fig.12

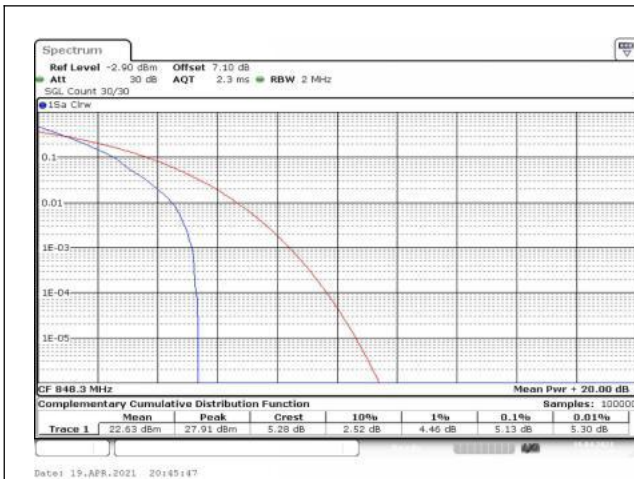


Fig.13

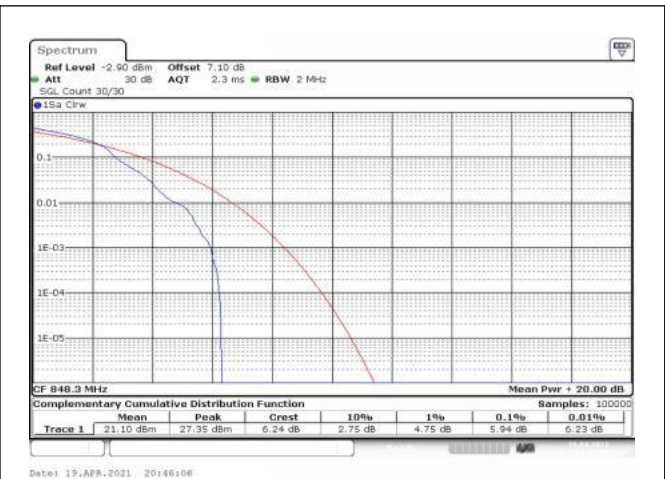


Fig.14

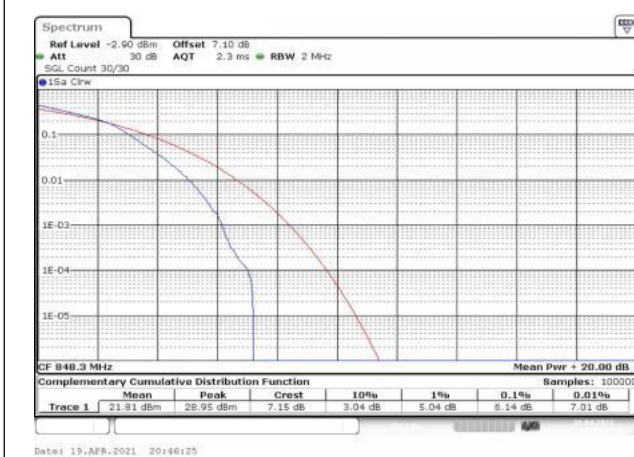


Fig.15

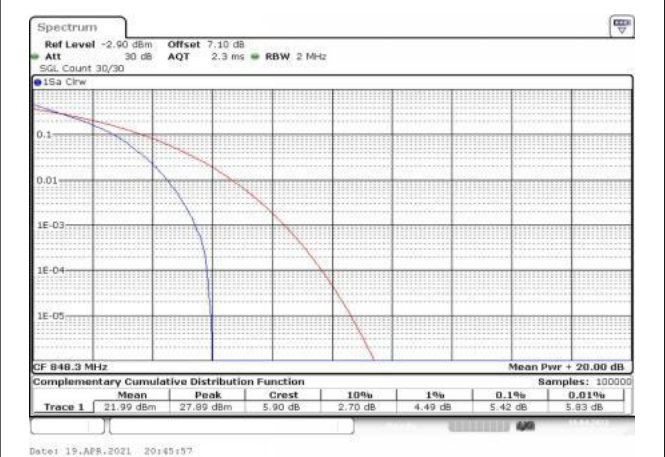


Fig.16



Fig.17

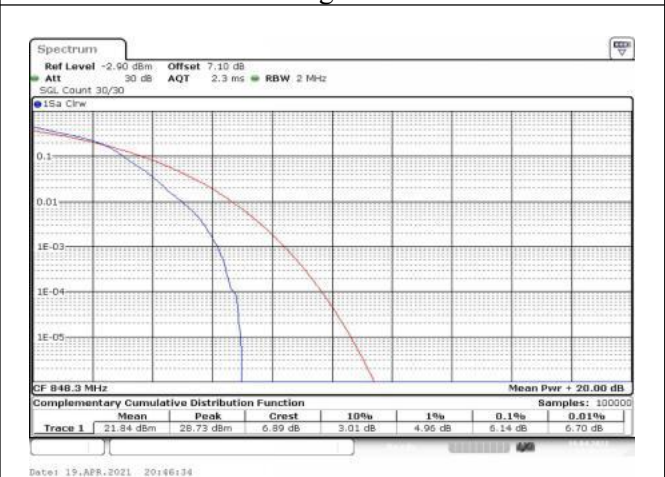


Fig.18

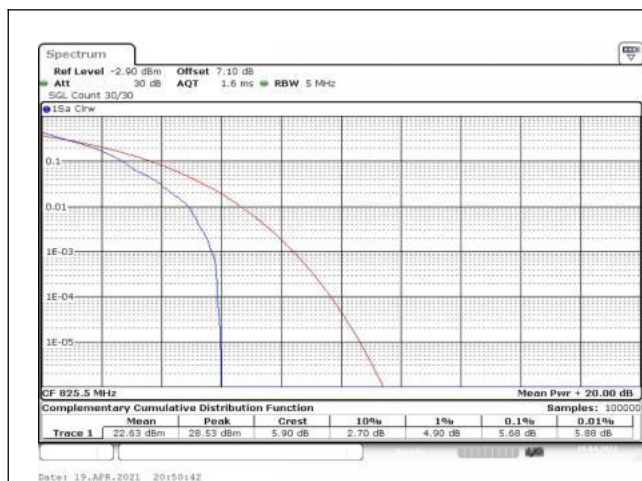


Fig.19

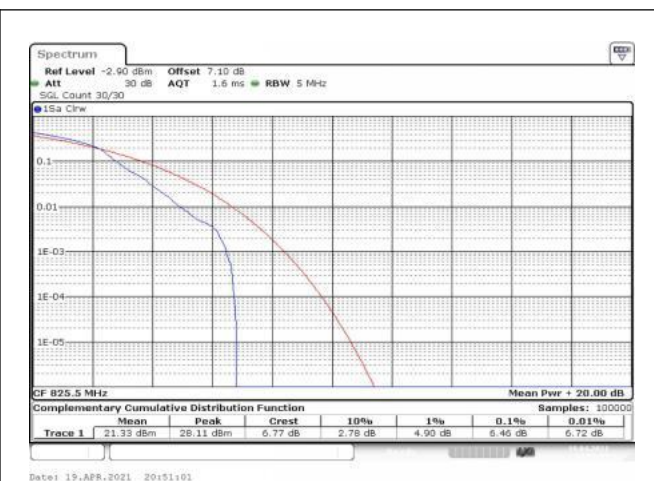


Fig.20

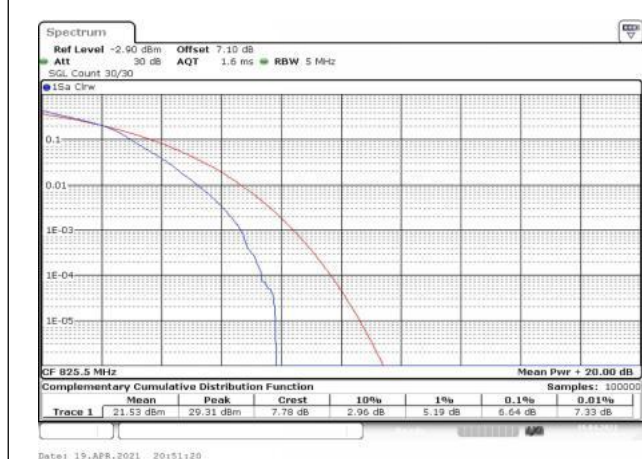


Fig.21

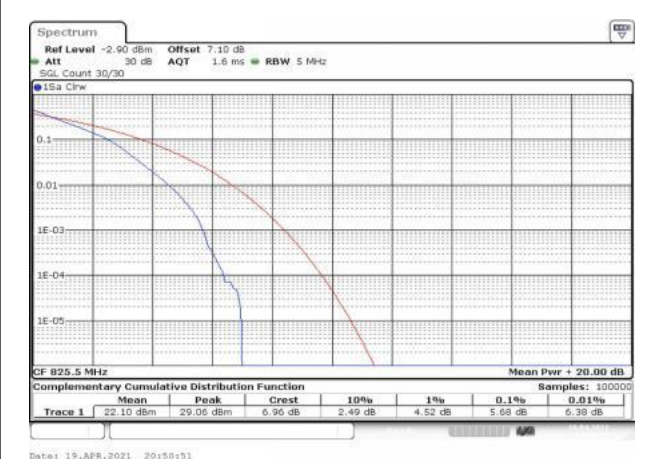


Fig.22

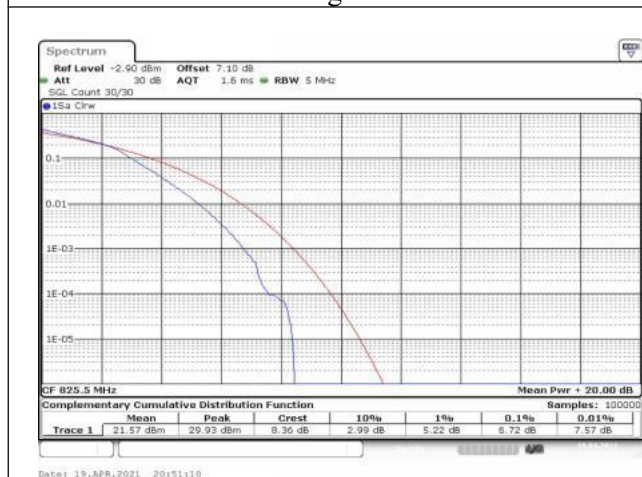


Fig.23

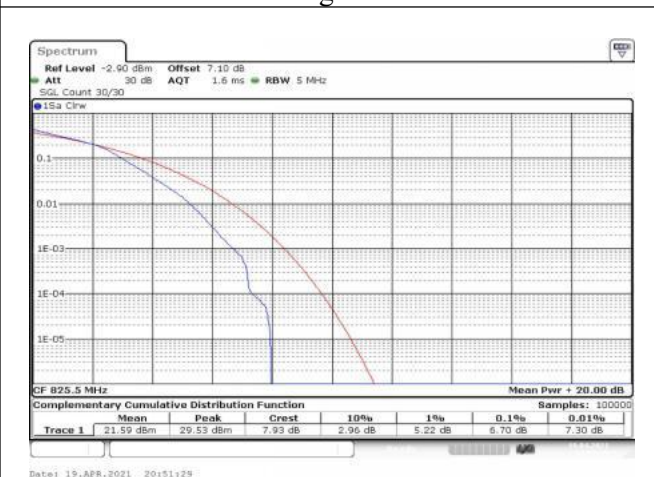


Fig.24

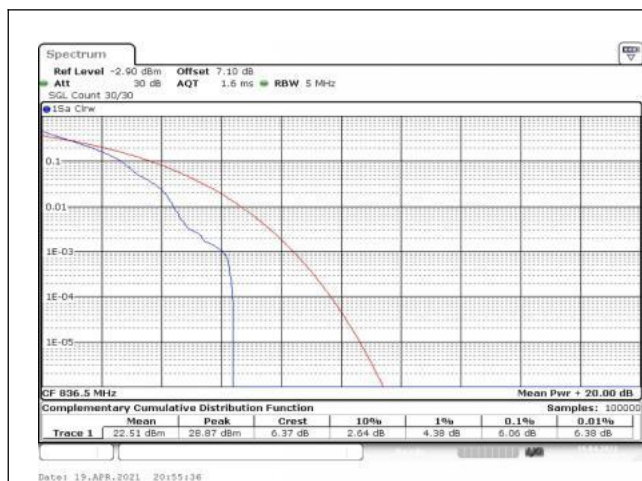


Fig.25

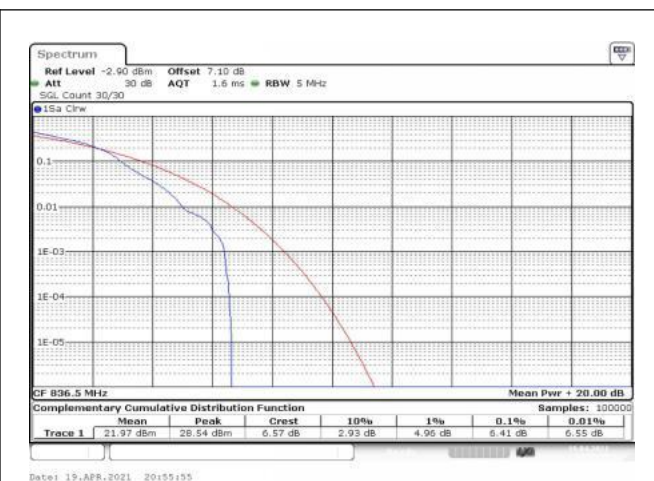


Fig.26

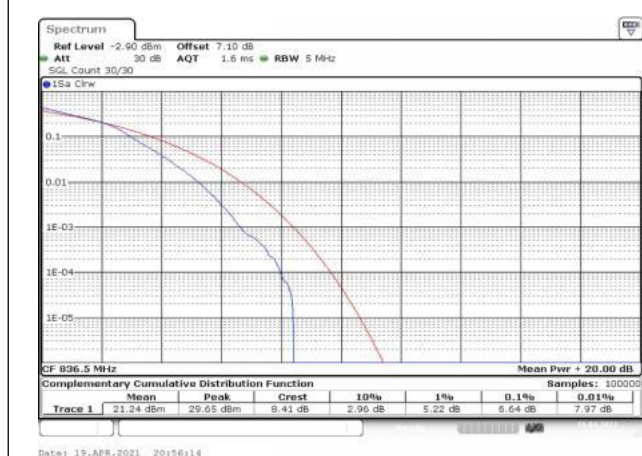


Fig.27

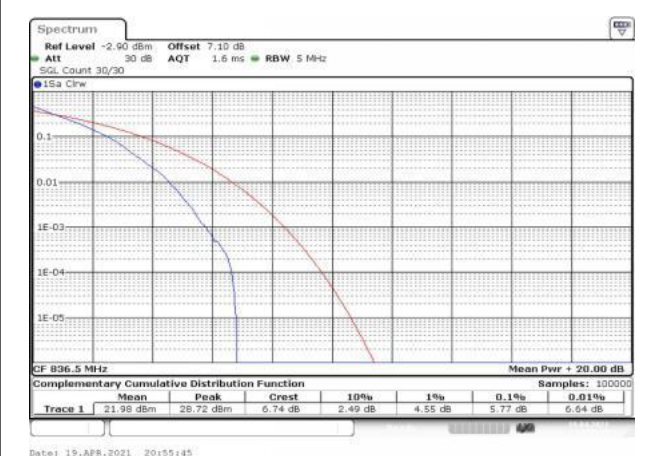


Fig.28

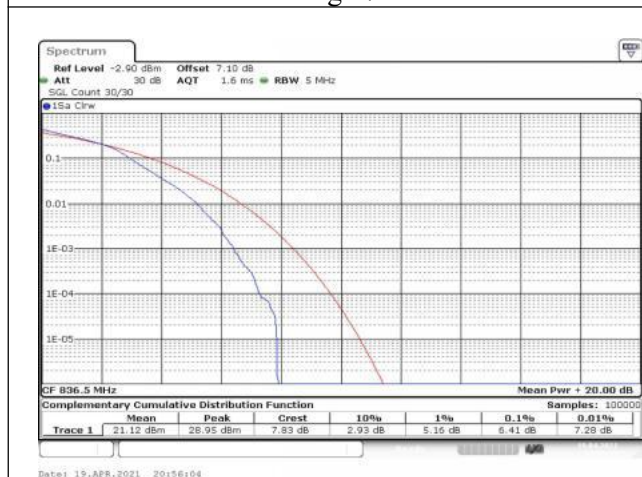


Fig.29

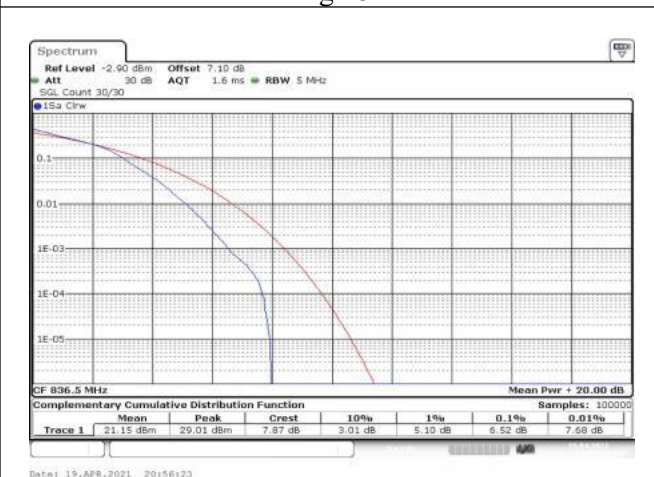


Fig.30

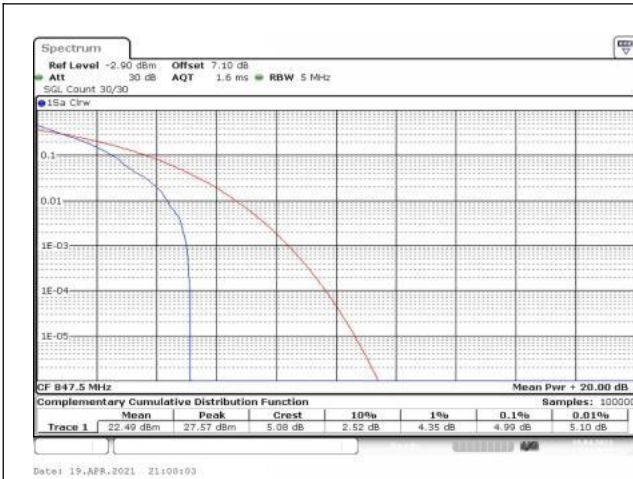


Fig.31

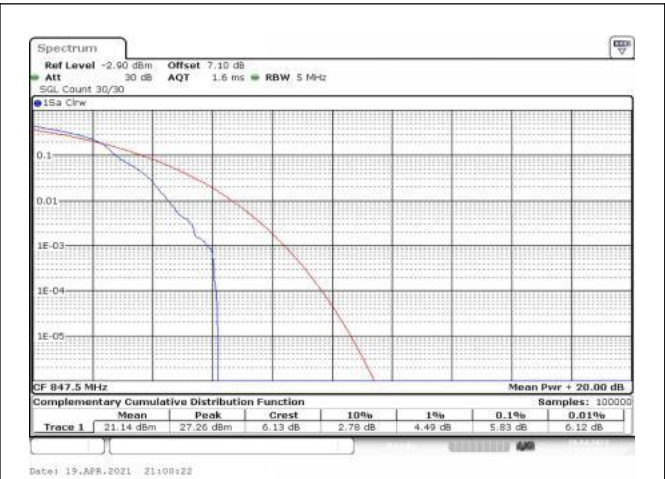


Fig.32

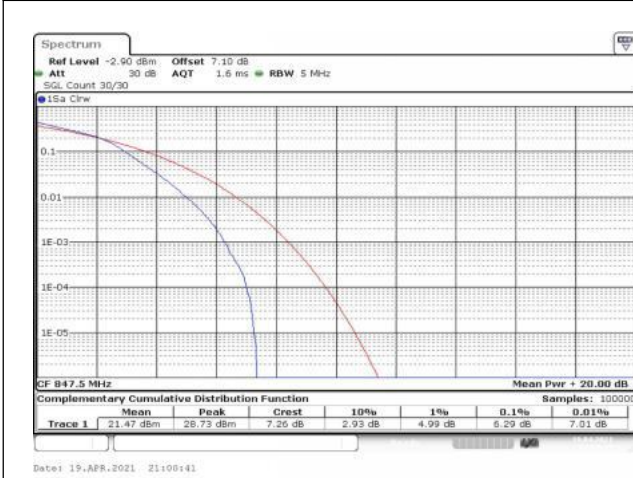


Fig.33

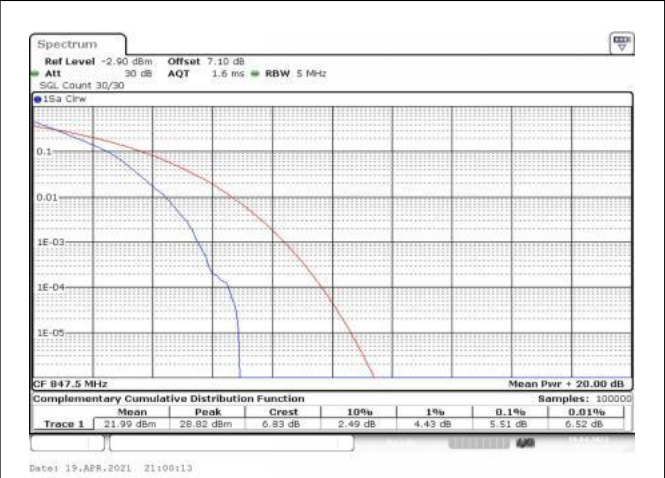


Fig.34

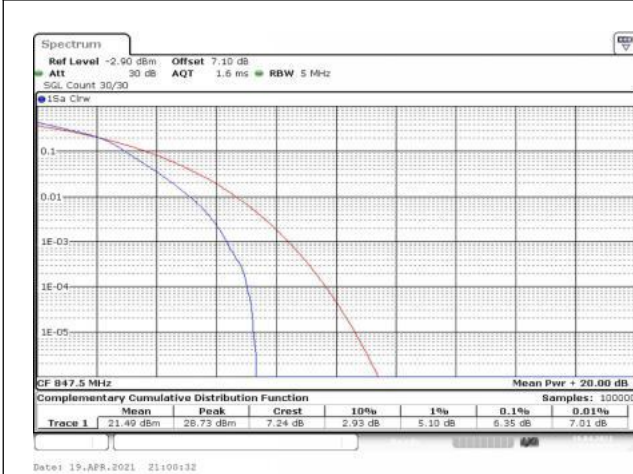


Fig.35

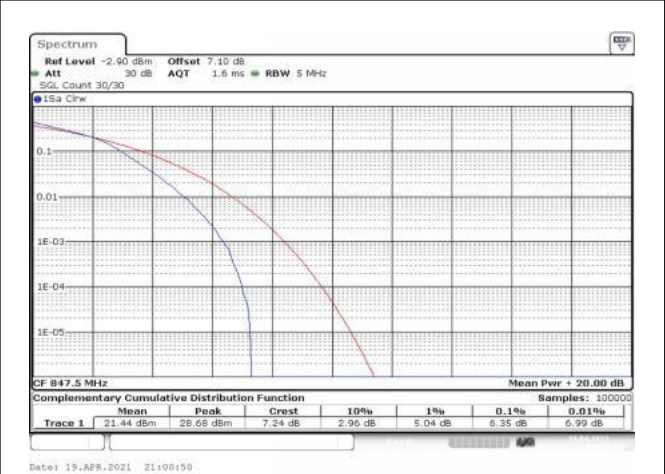


Fig.36

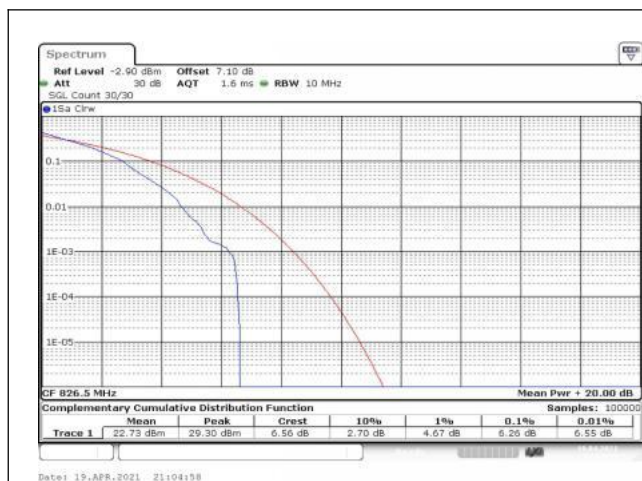


Fig.37

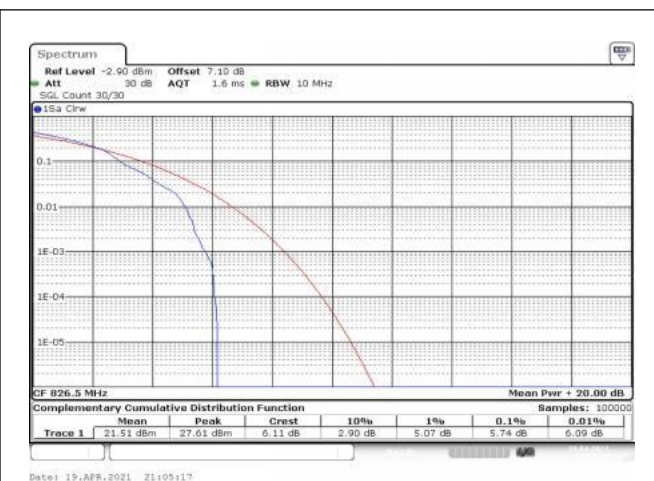


Fig.38

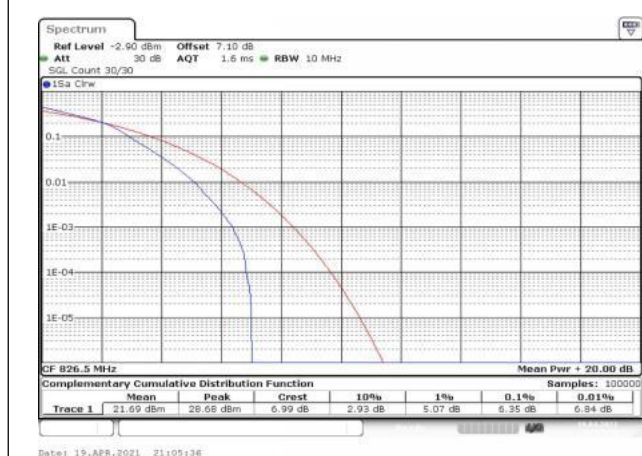


Fig.39

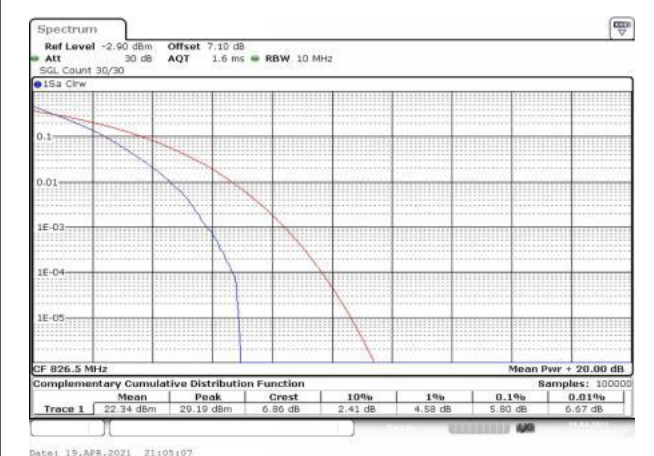


Fig.40

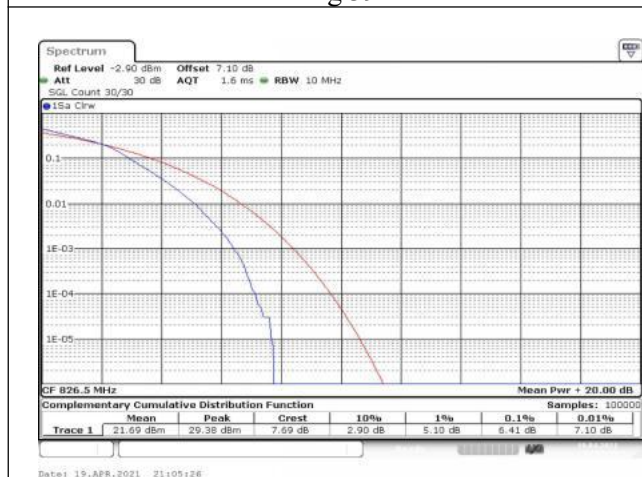


Fig.41

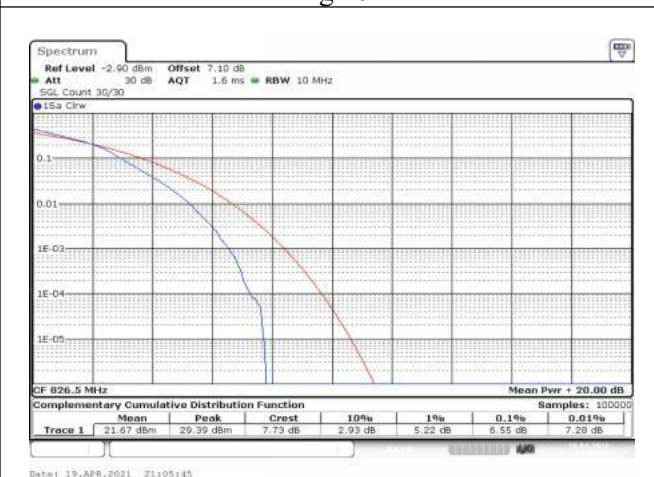


Fig.42

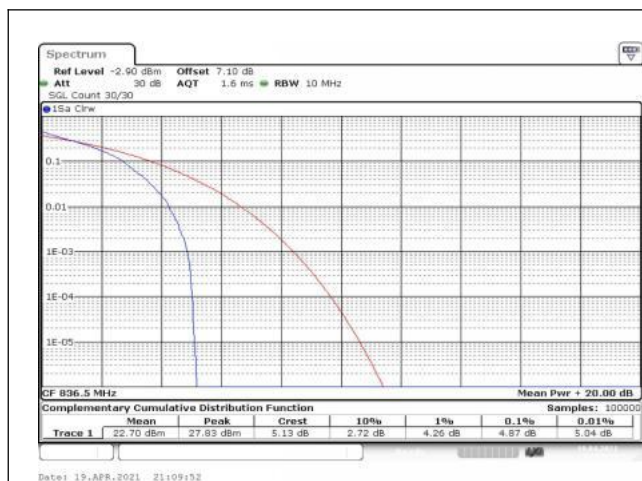


Fig.43

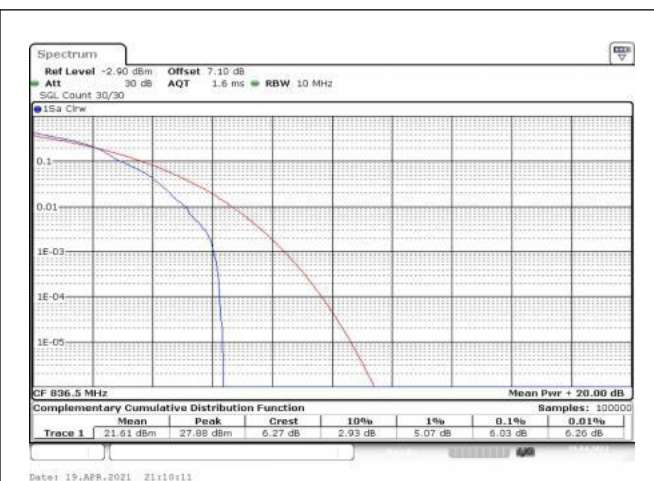


Fig.44

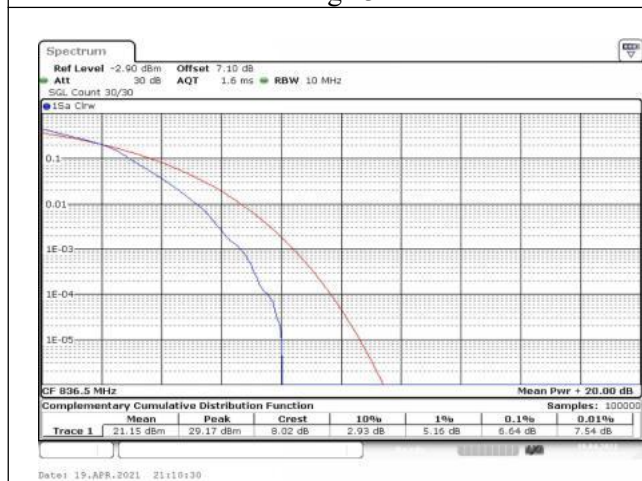


Fig.45

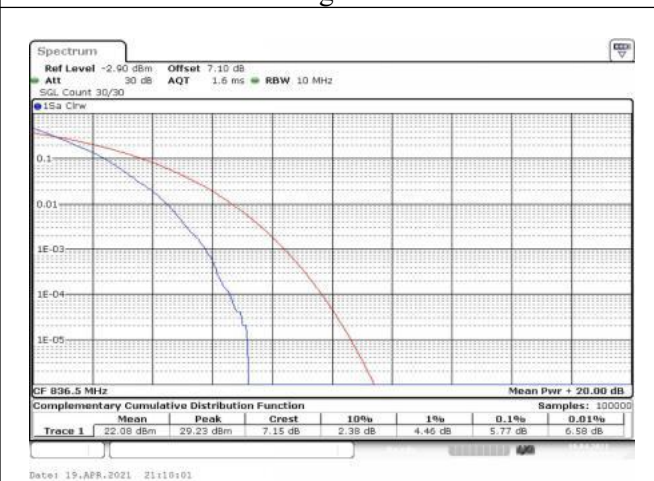


Fig.46

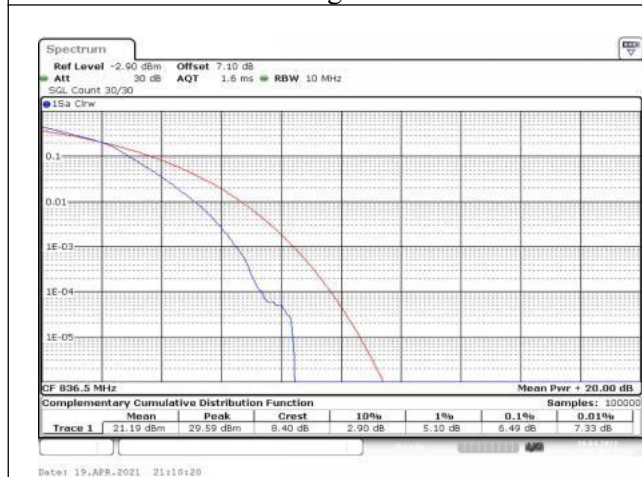


Fig.47

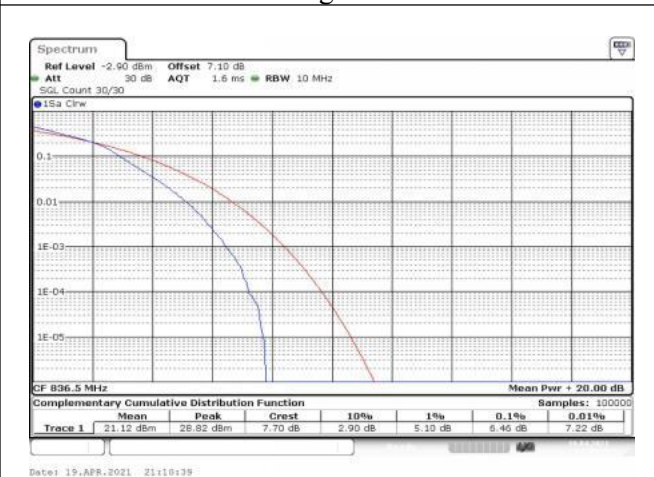


Fig.48

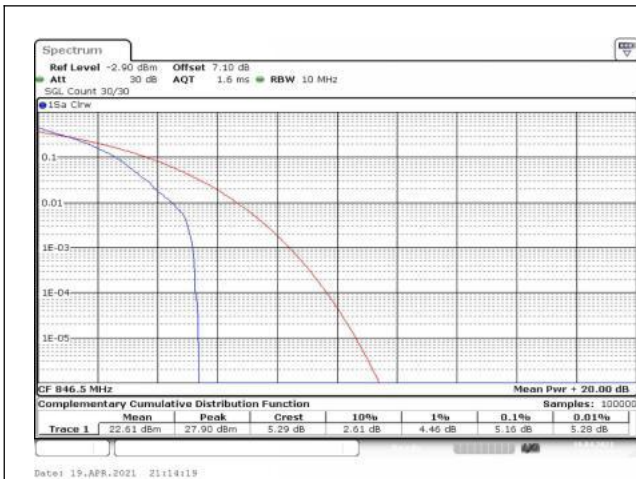


Fig.49

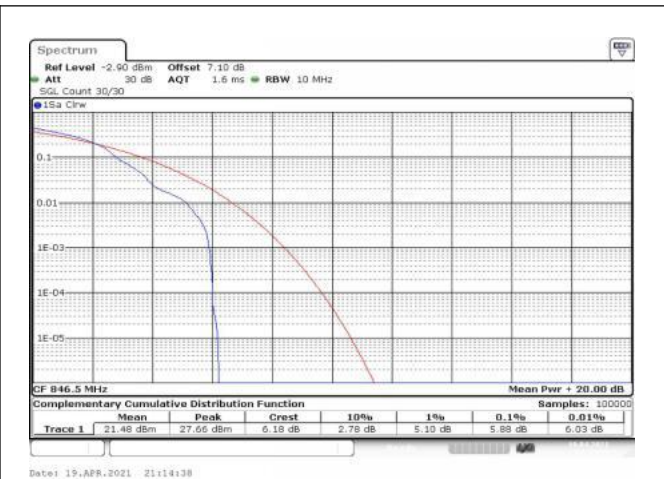


Fig.50

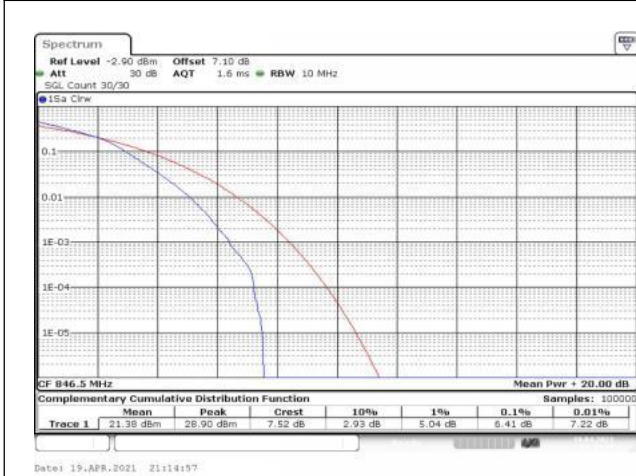


Fig.51

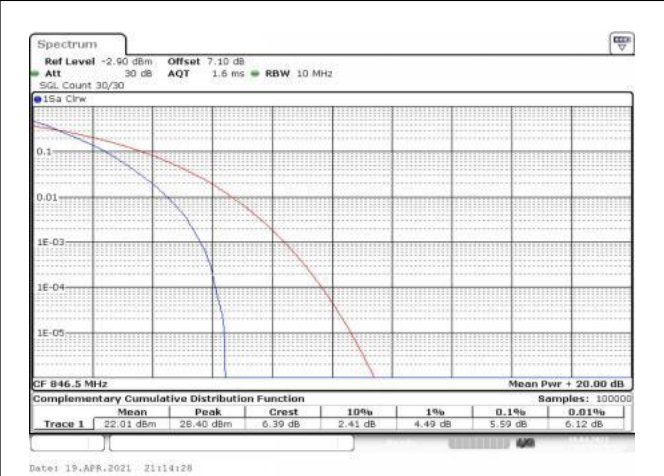


Fig.52

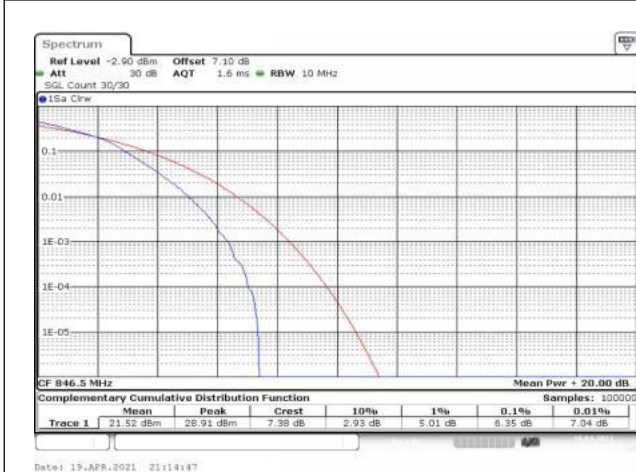


Fig.53

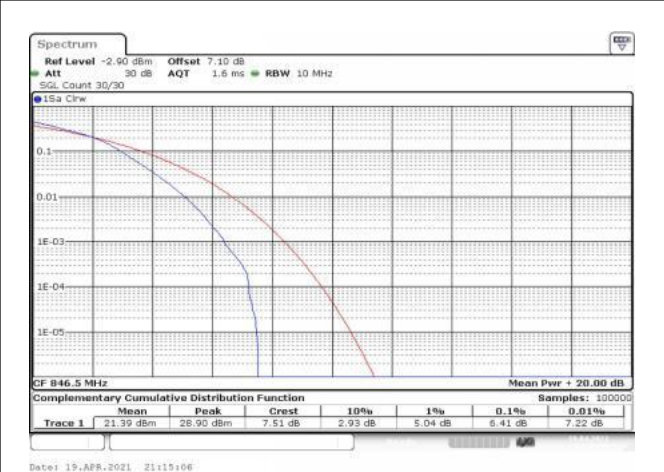


Fig.54

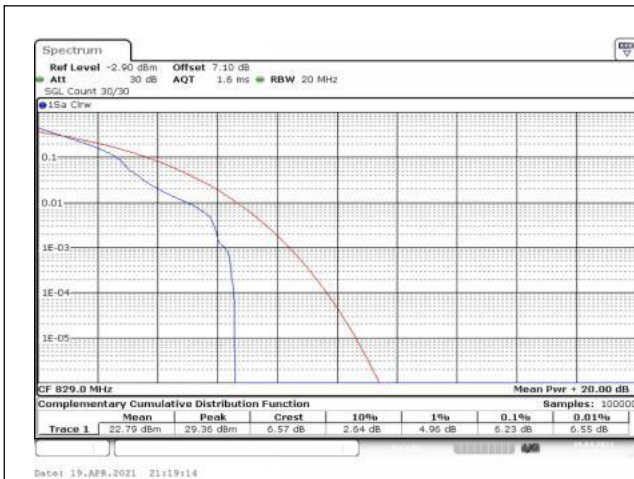


Fig.55

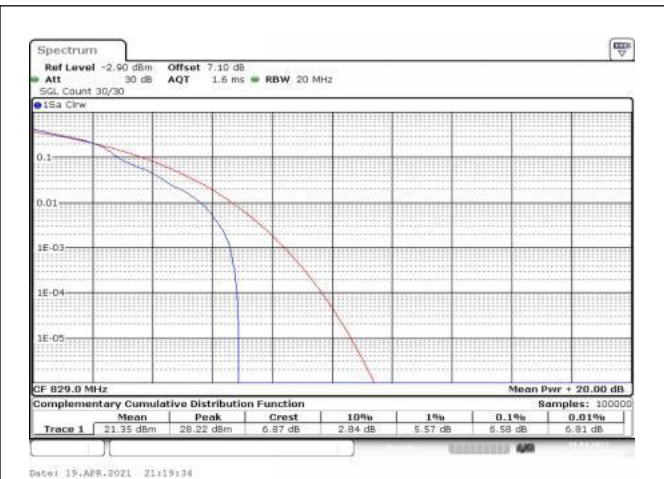


Fig.56

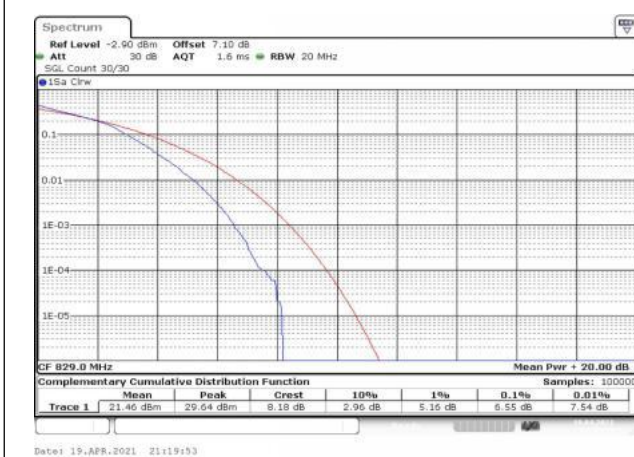


Fig.57

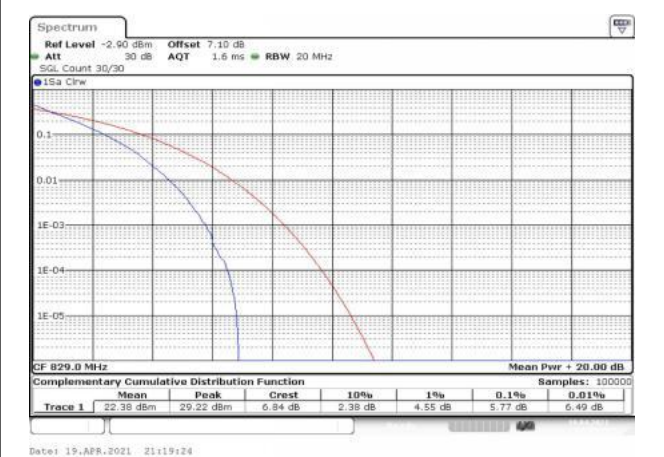


Fig.58

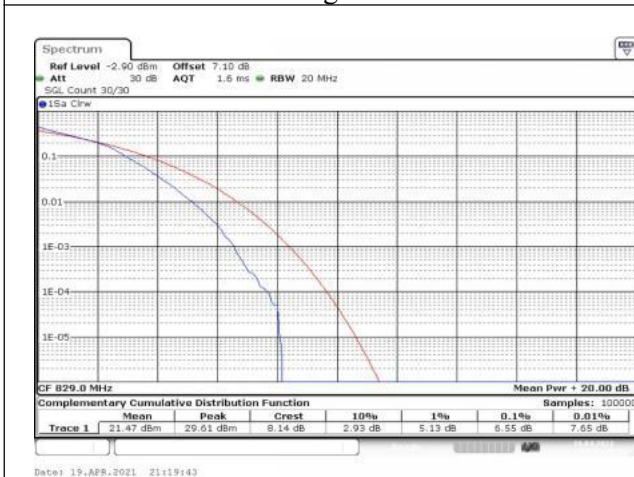


Fig.59

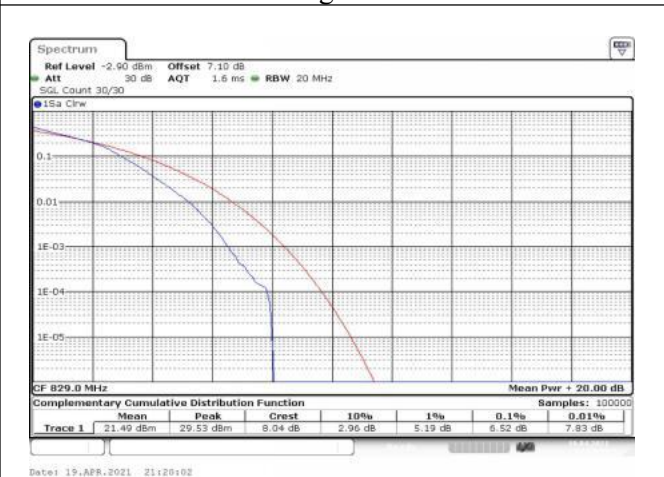


Fig.60

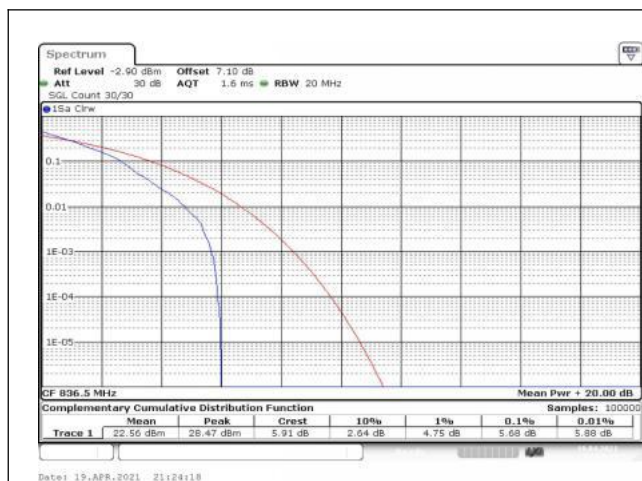


Fig.61

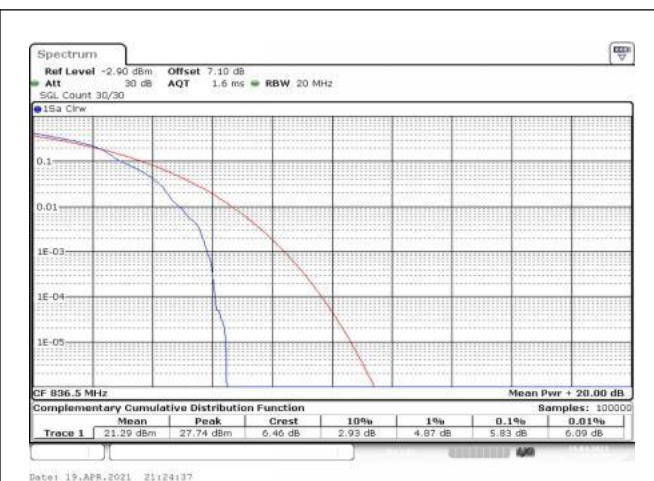


Fig.62

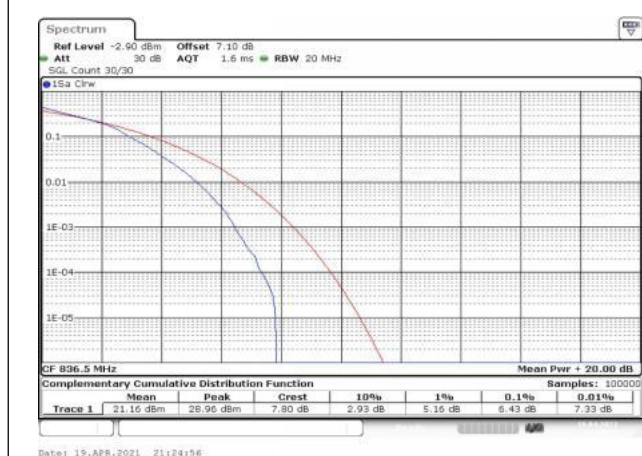


Fig.63

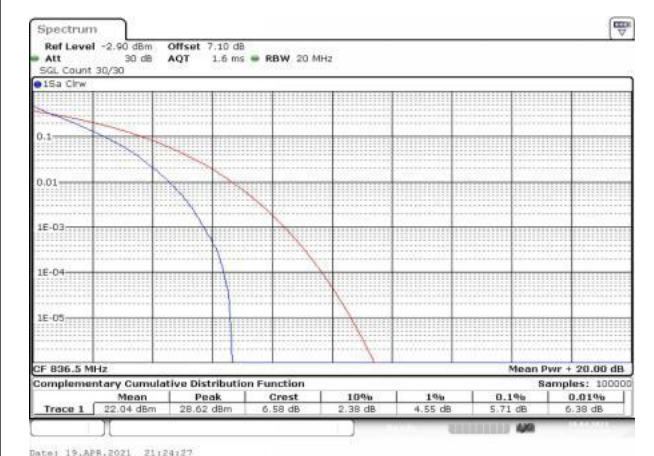


Fig.64

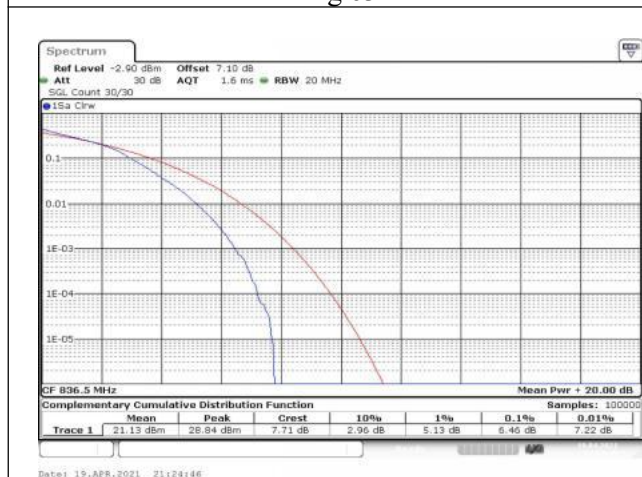


Fig.65

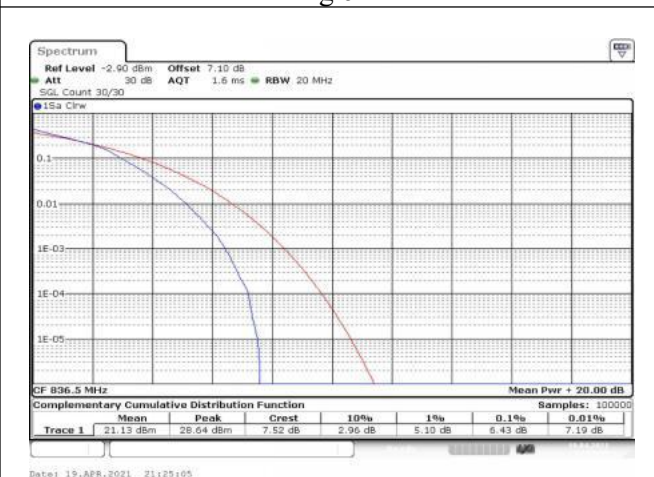


Fig.66