

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 12

1 RF Power Output

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	
QPSK	699.7	23017	1.4	1	0	23.48	
				1	3	23.39	
				1	5	23.39	
				3	0	22.52	
				3	1	22.45	
				3	3	22.48	
				6	0	21.44	
	707.5	23095		1	0	23.34	
				1	3	23.44	
				1	5	23.37	
				3	0	22.33	
				3	1	22.42	
				3	3	22.38	
				6	0	21.43	
	715.3	23173		1	0	23.34	
				1	3	23.31	
				1	5	23.31	
				3	0	22.27	
				3	1	22.25	
				3	3	22.18	
				6	0	21.51	
	16QAM	699.7		23017	1	0	22.66
					1	3	22.59
					1	5	22.59
3					0	21.89	
3					1	21.94	
3					3	21.89	
6					0	20.54	
707.5		23095		1	0	22.44	
				1	3	22.45	
				1	5	22.59	
				3	0	21.44	
				3	1	21.39	
				3	3	21.53	
				6	0	20.48	
715.3		23173		1	0	22.57	
				1	3	22.45	
				1	5	22.56	
				3	0	21.55	
				3	1	21.49	
				3	3	21.49	
				6	0	20.25	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	699.7	23017	1.4	1	0	21.51
				1	3	21.55
				1	5	21.58
				3	0	20.58
				3	1	20.58
				3	3	20.52
				6	0	19.58
	707.5	23095		1	0	21.42
				1	3	21.46
				1	5	21.49
				3	0	20.49
				3	1	20.43
				3	3	20.46
				6	0	19.49
	715.3	23173		1	0	21.32
				1	3	21.25
				1	5	21.25
				3	0	20.25
				3	1	20.25
				3	3	20.32
				6	0	19.32

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	
QPSK	700.5	23025	3	1	0	23.71	
				1	8	23.45	
				1	14	23.51	
				8	0	22.60	
				8	4	22.54	
				8	7	22.53	
				15	0	21.54	
	707.5	23095		1	0	23.48	
				1	8	23.45	
				1	14	23.59	
				8	0	22.58	
				8	4	22.50	
				8	7	22.56	
				15	0	21.43	
	714.5	23165		1	0	23.54	
				1	8	23.47	
				1	14	23.29	
				8	0	22.56	
				8	4	22.44	
				8	7	22.48	
				15	0	21.49	
	16QAM	700.5		23025	1	0	23.00
					1	8	22.96
					1	14	22.97
8					0	21.76	
8					4	21.63	
8					7	21.84	
15					0	20.55	
707.5		23095		1	0	22.72	
				1	8	22.60	
			1	14	22.74		
			8	0	21.48		
			8	4	21.48		
			8	7	21.51		
			15	0	20.53		
714.5		23165	1	0	22.74		
			1	8	22.59		
			1	14	22.28		
			8	0	21.46		
			8	4	21.62		
			8	7	21.55		
			15	0	20.54		

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	700.5	23025	3	1	0	21.67
				1	8	21.63
				1	14	21.74
				8	0	20.67
				8	4	20.59
				8	7	20.67
				15	0	19.67
	707.5	23095		1	0	21.49
				1	8	21.49
				1	14	21.49
				8	0	20.46
				8	4	20.52
				8	7	20.49
				15	0	19.49
	714.5	23165		1	0	21.53
				1	8	21.53
				1	14	21.53
				8	0	20.53
				8	4	20.53
				8	7	20.60
				15	0	19.60

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	
QPSK	701.5	23035	5	1	0	23.43	
				1	12	23.41	
				1	24	23.47	
				12	0	22.62	
				12	7	22.45	
				12	13	22.52	
				25	0	21.59	
	707.5	23095		1	0	23.63	
				1	12	23.46	
				1	24	23.31	
				12	0	22.58	
				12	7	22.54	
				12	13	22.50	
				25	0	21.43	
	713.5	23155		1	0	23.43	
				1	12	23.22	
				1	24	23.39	
				12	0	22.53	
				12	7	22.47	
				12	13	22.36	
				25	0	21.44	
	16QAM	701.5		23035	1	0	22.62
					1	12	22.45
					1	24	22.51
12					0	21.66	
12					7	21.49	
12					13	21.52	
25					0	20.55	
707.5		23095		1	0	22.64	
				1	12	22.63	
				1	24	22.63	
				12	0	21.54	
				12	7	21.56	
				12	13	21.52	
				25	0	20.55	
713.5		23155		1	0	22.38	
				1	12	22.39	
				1	24	22.53	
				12	0	21.53	
				12	7	21.52	
				12	13	21.52	
				25	0	20.48	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	701.5	23035	5	1	0	21.54
				1	12	21.57
				1	24	21.58
				12	0	20.57
				12	7	20.54
				12	13	20.39
				25	0	19.61
	707.5	23095		1	0	21.54
				1	12	21.42
				1	24	21.55
				12	0	20.45
				12	7	20.41
				12	13	20.47
				25	0	19.52
	713.5	23155		1	0	21.48
				1	12	21.42
				1	24	21.49
				12	0	20.59
				12	7	20.48
				12	13	20.42
				25	0	19.48

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	
QPSK	704	23060	10	1	0	23.40	
				1	25	23.45	
				1	49	23.21	
				25	0	22.56	
				25	12	22.53	
				25	25	22.53	
				50	0	21.48	
	707.5	23095		1	0	23.41	
				1	25	23.47	
				1	49	23.39	
				25	0	22.59	
				25	12	22.60	
				25	25	22.50	
				50	0	21.54	
	711	23130		1	0	23.38	
				1	25	23.41	
				1	49	23.42	
				25	0	22.52	
				25	12	22.45	
				25	25	22.37	
				50	0	21.45	
	16QAM	704		23060	1	0	22.95
					1	25	22.86
					1	49	22.78
25					0	21.67	
25					12	21.66	
25					25	21.59	
50					0	20.60	
707.5		23095		1	0	22.92	
				1	25	22.87	
				1	49	22.78	
				25	0	21.66	
				25	12	21.67	
				25	25	21.61	
				50	0	20.59	
711		23130		1	0	22.77	
				1	25	22.54	
				1	49	22.74	
				25	0	21.58	
				25	12	21.60	
				25	25	21.60	
				50	0	20.66	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	704	23060	10	1	0	21.64
				1	25	21.67
				1	49	21.61
				25	0	20.66
				25	12	20.73
				25	25	20.70
				50	0	19.63
	707.5	23095		1	0	21.56
				1	25	21.62
				1	49	21.59
				25	0	20.52
				25	12	20.55
				25	25	20.59
				50	0	19.58
	711	23130		1	0	21.63
				1	25	21.66
				1	49	21.66
				25	0	20.67
				25	12	20.66
				25	25	20.67
				50	0	19.66

2 Occupied Bandwidth

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)					
						QPSK		16-QAM		64-QAM	
12	699.7	23017	1.4	6	0	1.082	Fig.1	1.082	Fig.2	1.082	Fig.3
	707.5	23095		6	0	1.082	Fig.4	1.082	Fig.5	1.082	Fig.6
	715.3	23173		6	0	1.082	Fig.7	1.082	Fig.8	1.082	Fig.9
	700.5	23025	3	15	0	2.683	Fig.10	2.683	Fig.11	2.683	Fig.12
	707.5	23095		15	0	2.683	Fig.13	2.696	Fig.14	2.683	Fig.15
	714.5	23165		15	0	2.683	Fig.16	2.683	Fig.17	2.683	Fig.18
	701.5	23035	5	25	0	4.450	Fig.19	4.472	Fig.20	4.472	Fig.21
	707.5	23095		25	0	4.472	Fig.22	4.472	Fig.23	4.472	Fig.24
	713.5	23155		25	0	4.472	Fig.25	4.472	Fig.26	4.472	Fig.27
	704	23060	10	50	0	8.944	Fig.28	8.944	Fig.29	8.944	Fig.30
	707.5	23095		50	0	8.944	Fig.31	8.944	Fig.32	8.944	Fig.33
	711	23130		50	0	8.944	Fig.34	8.944	Fig.35	8.944	Fig.36

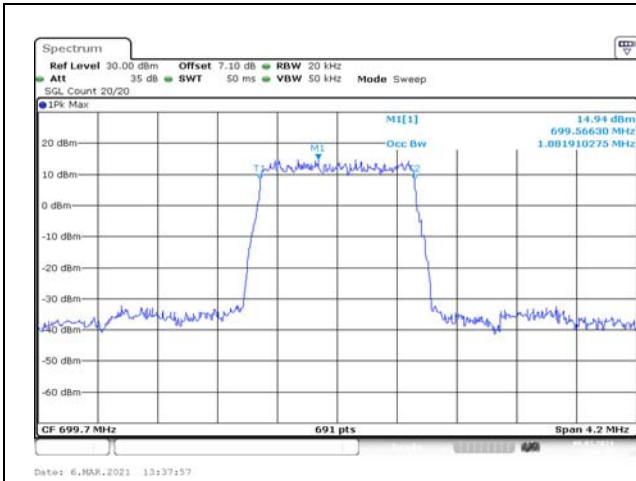


Fig.1

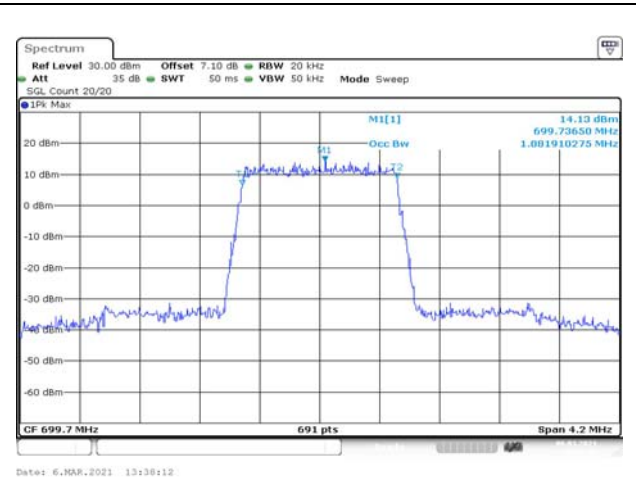


Fig.2

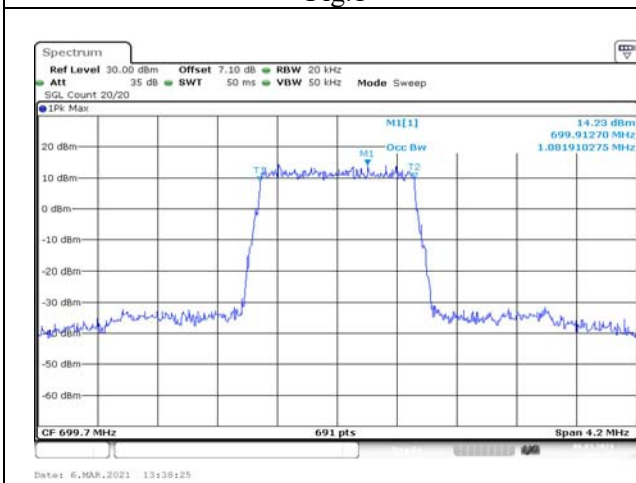


Fig.3

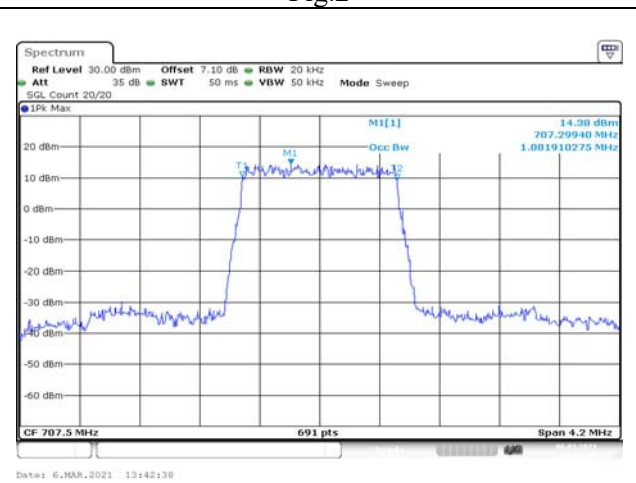


Fig.4

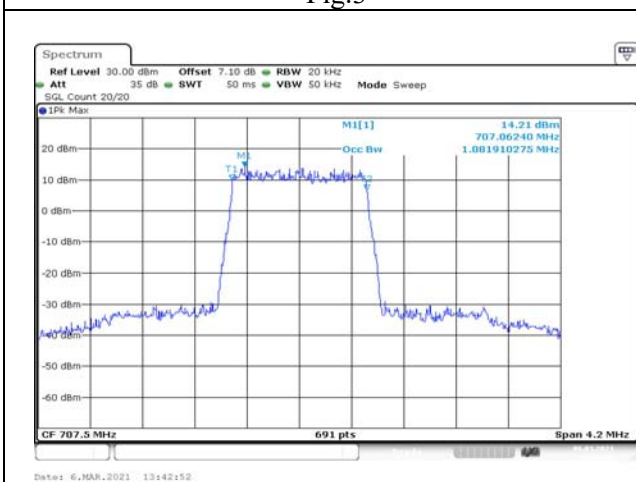


Fig.5

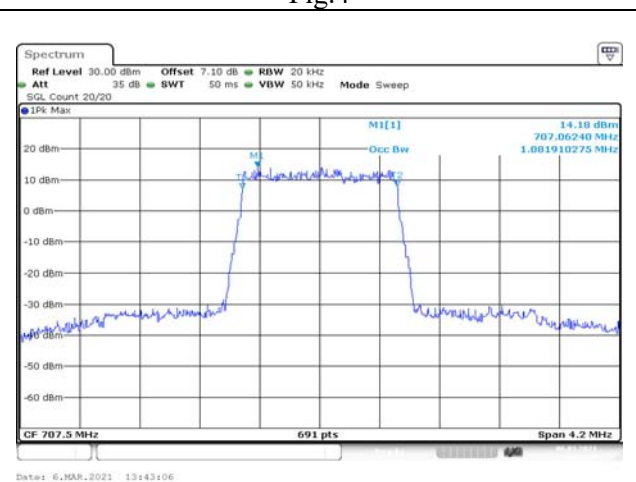


Fig.6

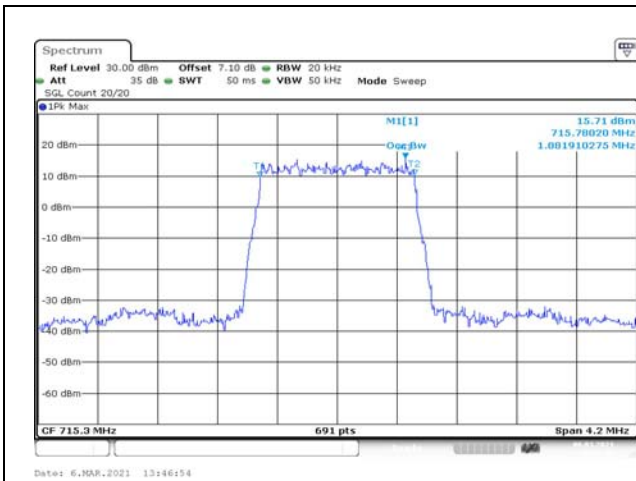


Fig.7

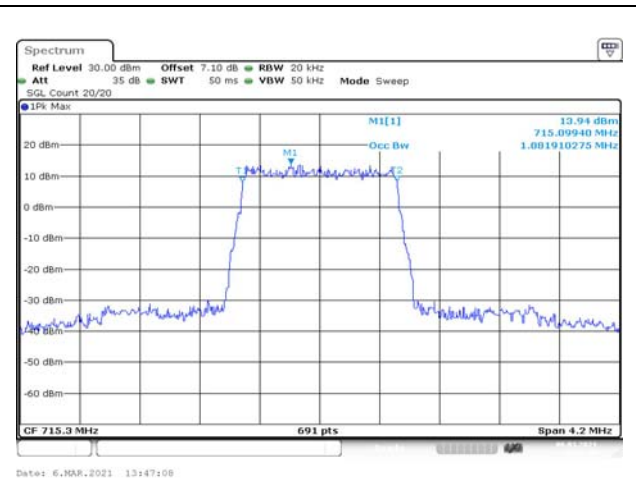


Fig.8

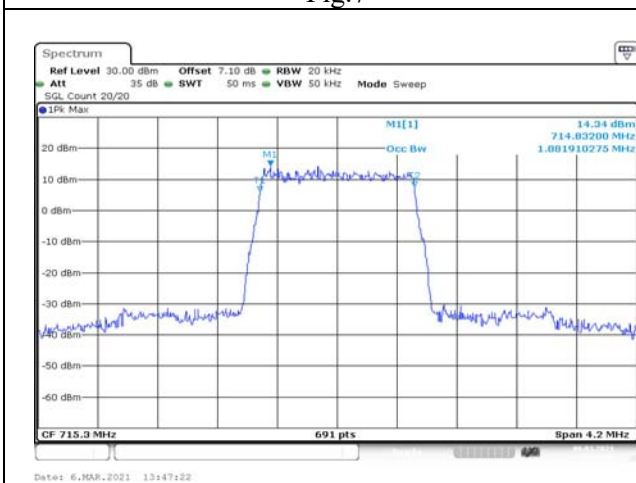


Fig.9

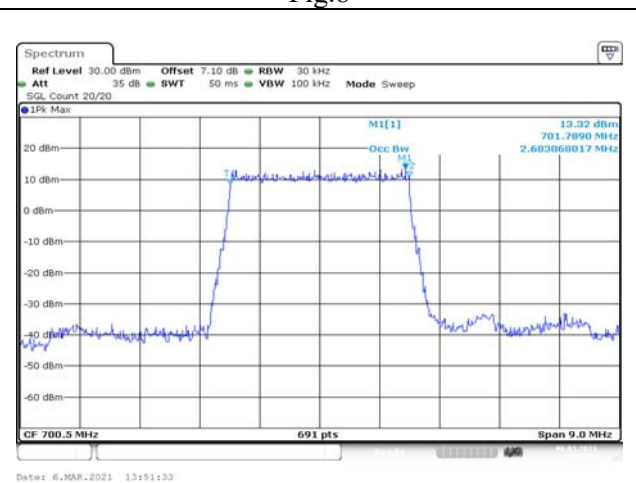


Fig.10

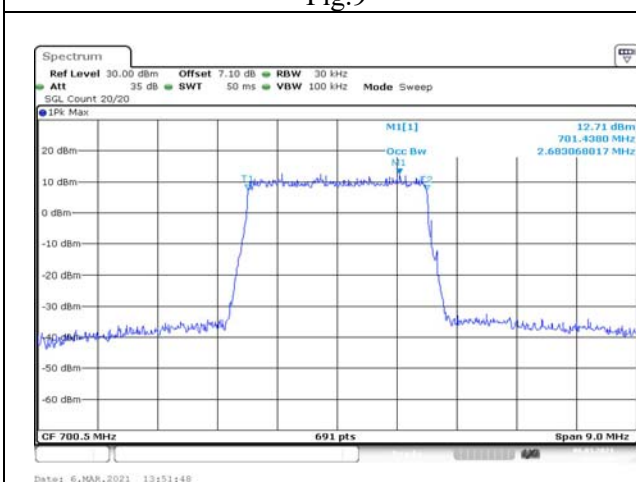


Fig.11

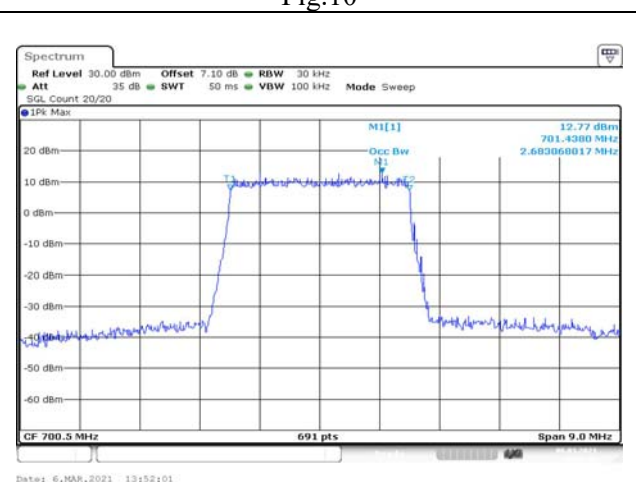


Fig.12

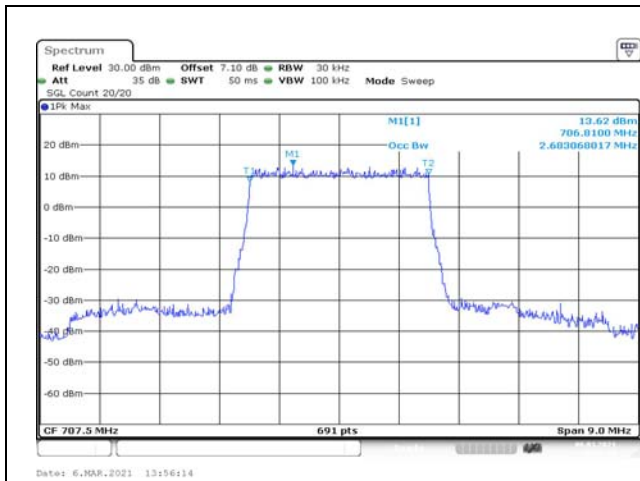


Fig.13

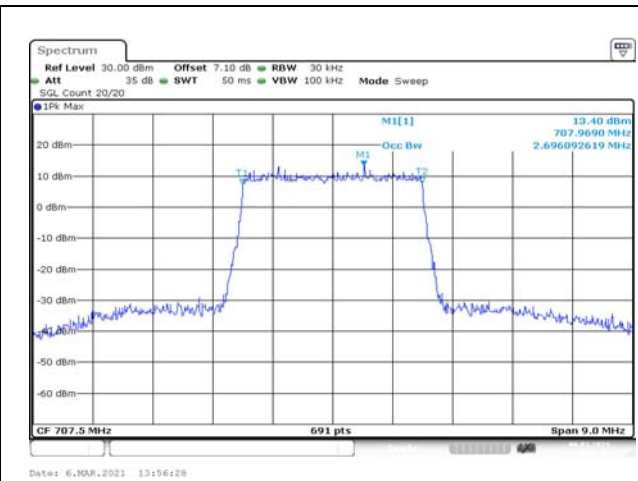


Fig.14

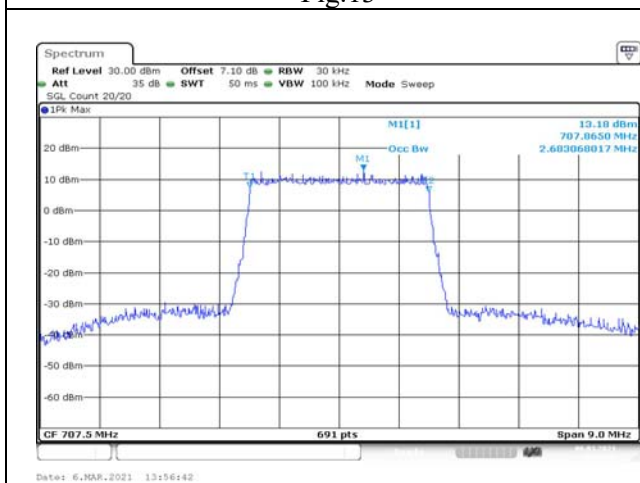


Fig.15

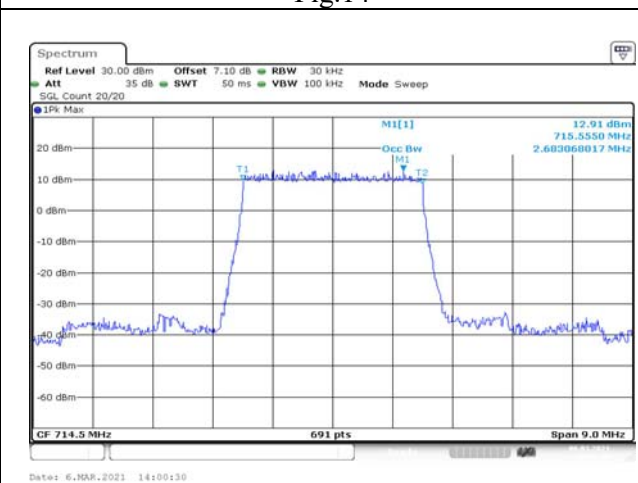


Fig.16

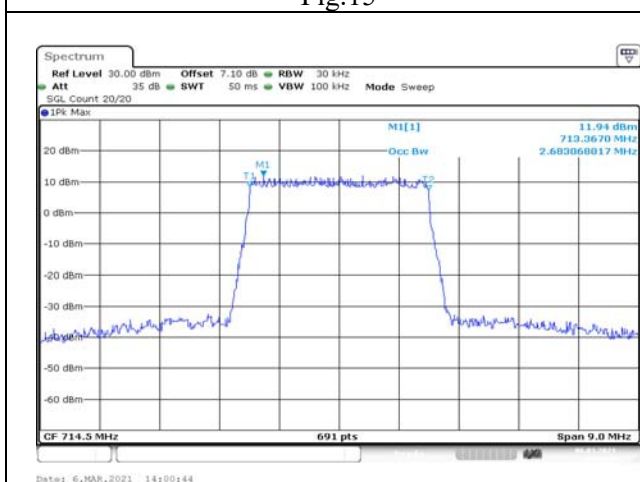


Fig.17

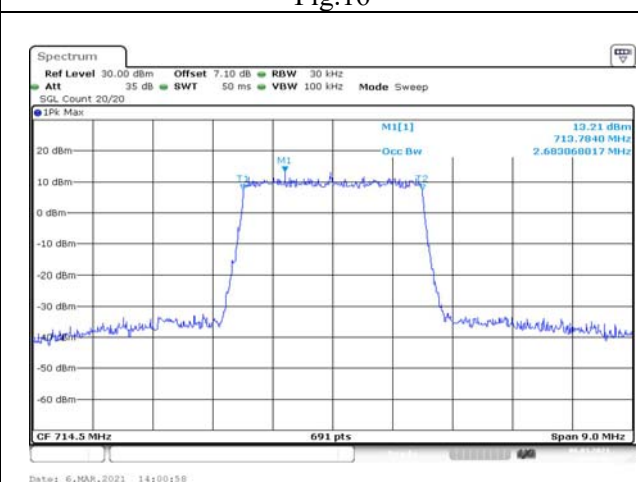


Fig.18

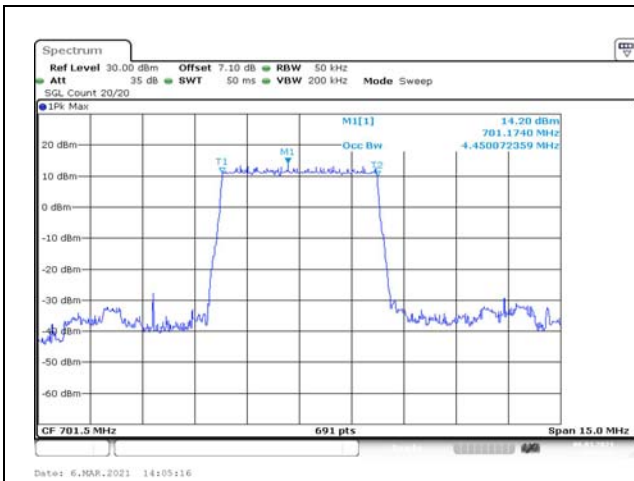


Fig.19

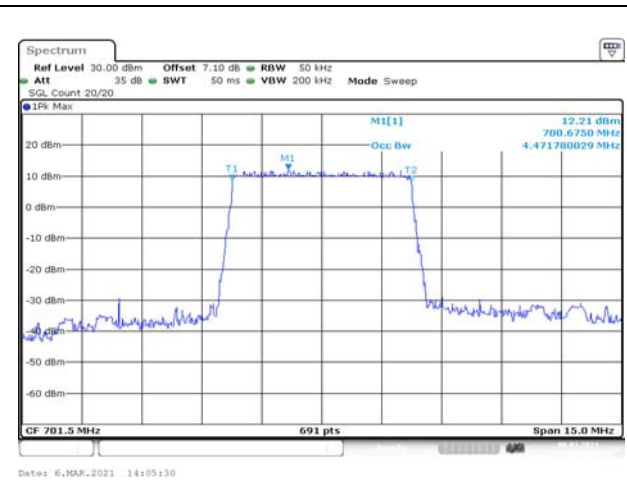


Fig.20

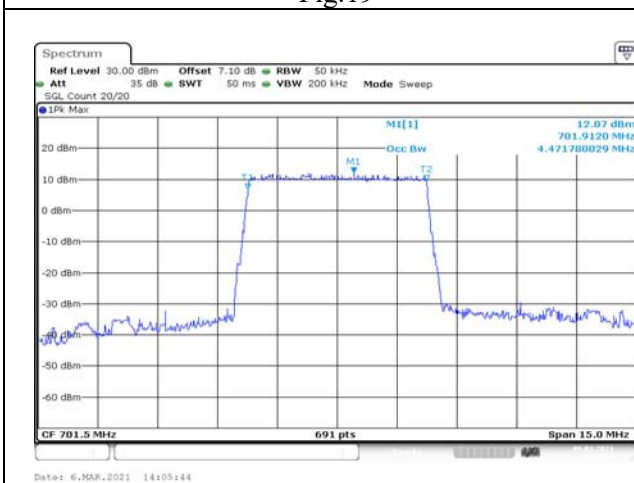


Fig.21

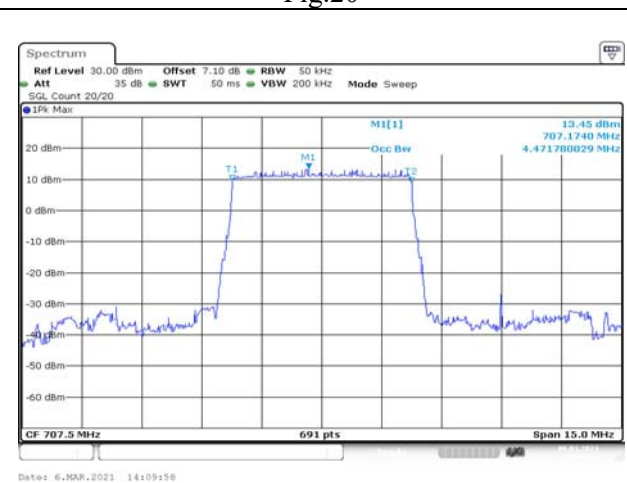


Fig.22

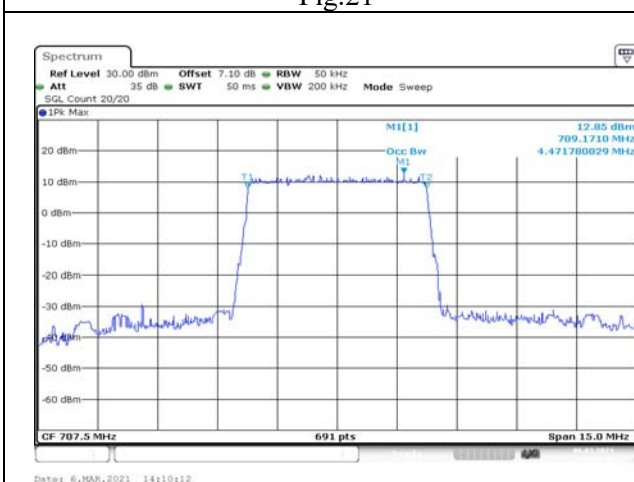


Fig.23

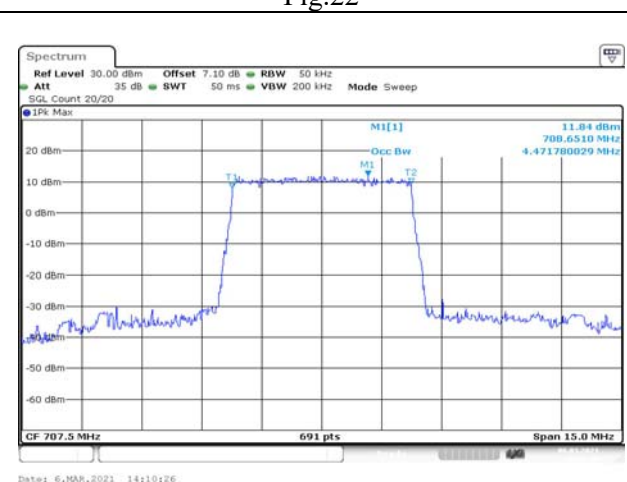


Fig.24

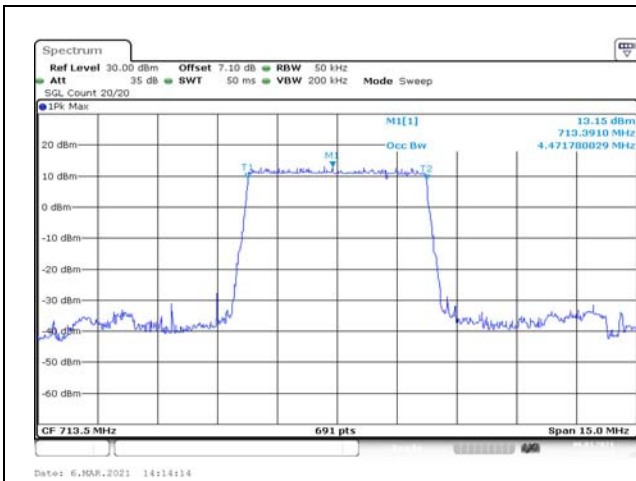


Fig.25

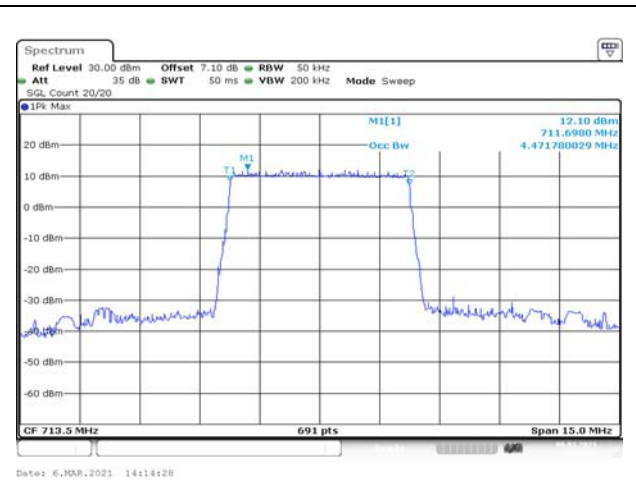


Fig.26

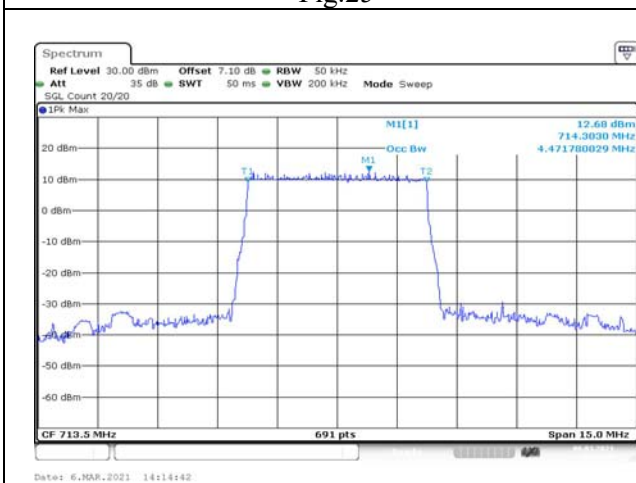


Fig.27

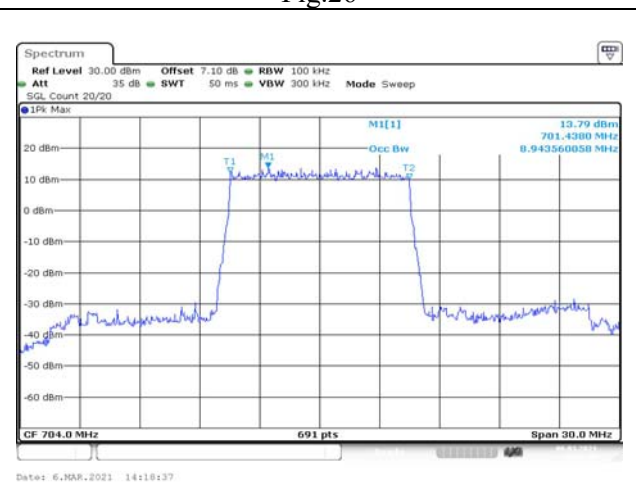


Fig.28

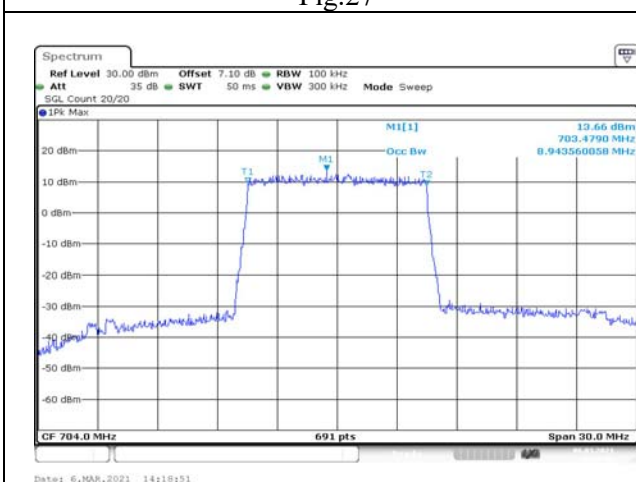


Fig.29

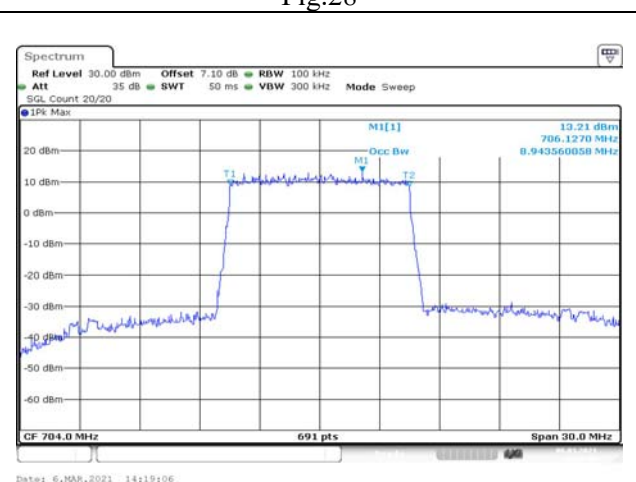


Fig.30

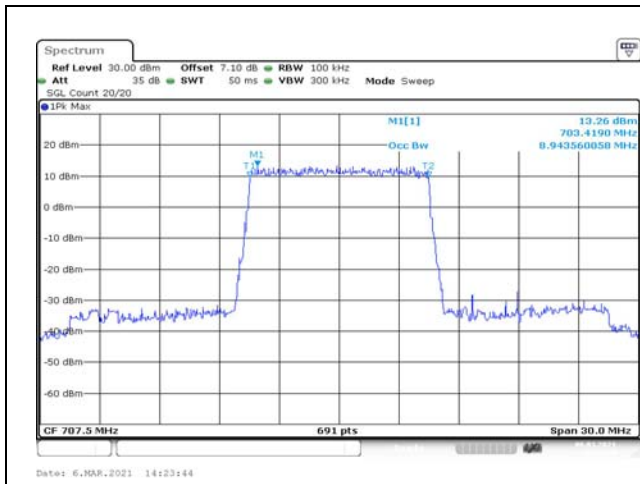


Fig.31

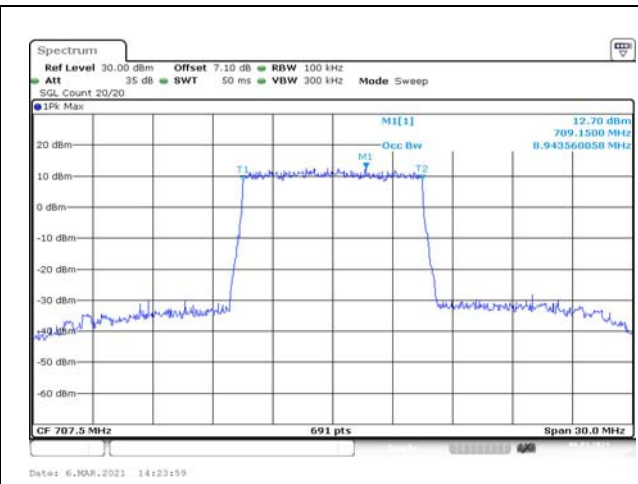


Fig.32

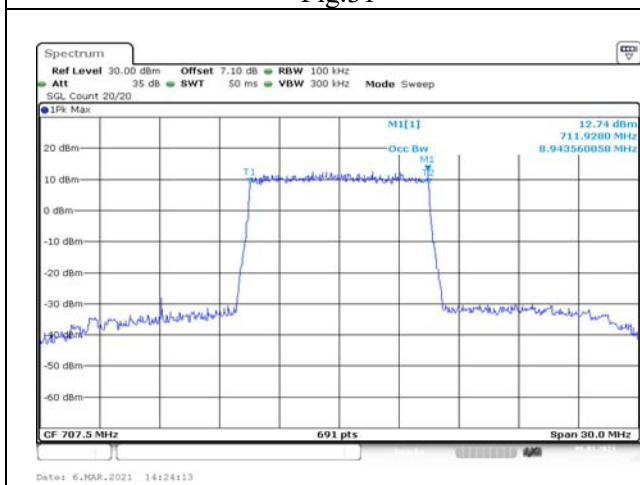


Fig.33

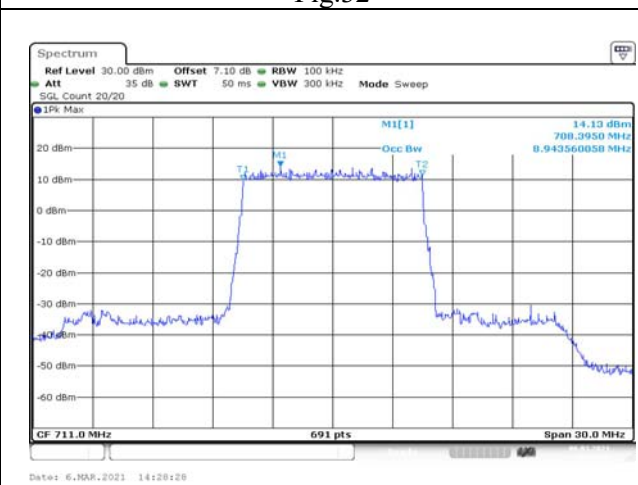


Fig.34

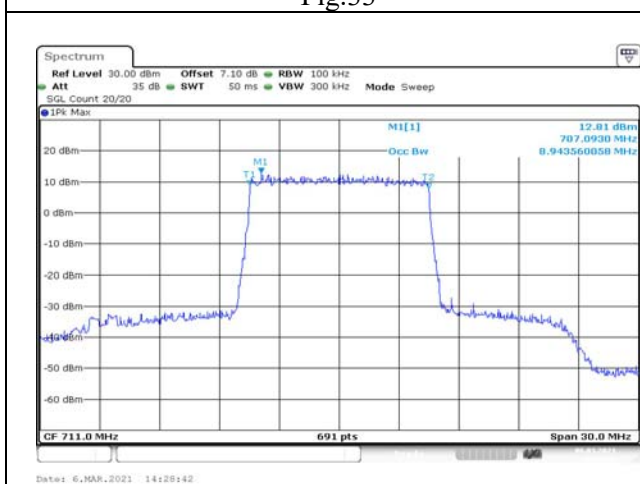


Fig.35

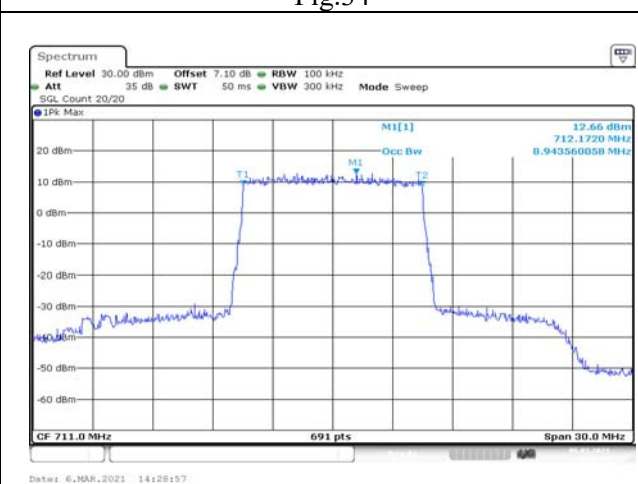


Fig.36

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	
12	699.7	23017	1.4	6	0	1.210	Fig.1	1.210	Fig.2	1.216	Fig.3
	707.5	23095		6	0	1.216	Fig.4	1.210	Fig.5	1.216	Fig.6
	715.3	23173		6	0	1.210	Fig.7	1.222	Fig.8	1.216	Fig.9
	700.5	23025	3	15	0	2.904	Fig.10	2.904	Fig.11	2.891	Fig.12
	707.5	23095		15	0	2.918	Fig.13	2.931	Fig.14	2.918	Fig.15
	714.5	23165		15	0	2.931	Fig.16	2.891	Fig.17	2.918	Fig.18
	701.5	23035	5	25	0	4.863	Fig.19	4.863	Fig.20	4.819	Fig.21
	707.5	23095		25	0	4.884	Fig.22	4.884	Fig.23	4.863	Fig.24
	713.5	23155		25	0	4.863	Fig.25	4.819	Fig.26	4.841	Fig.27
	704	23060	10	50	0	9.595	Fig.28	9.508	Fig.29	9.638	Fig.30
	707.5	23095		50	0	9.638	Fig.31	9.595	Fig.32	9.595	Fig.33
	711	23130		50	0	9.638	Fig.34	9.595	Fig.35	9.595	Fig.36

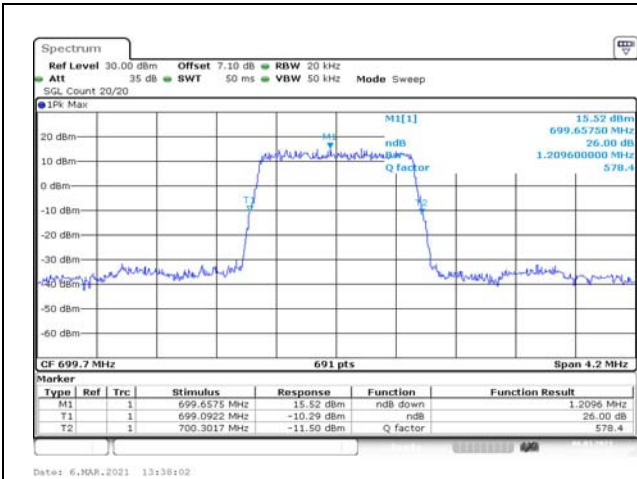


Fig.1

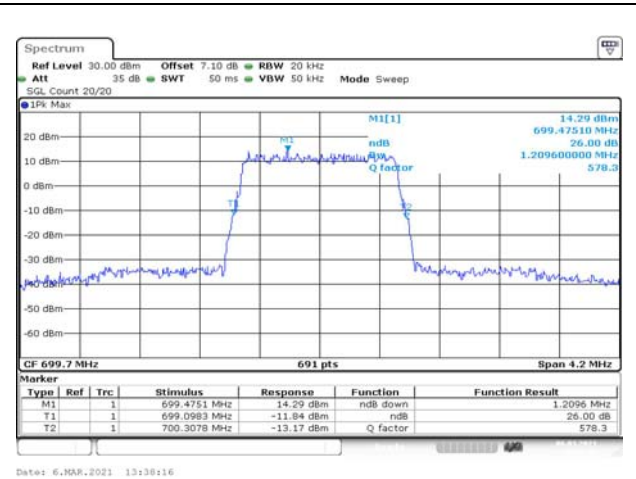


Fig.2

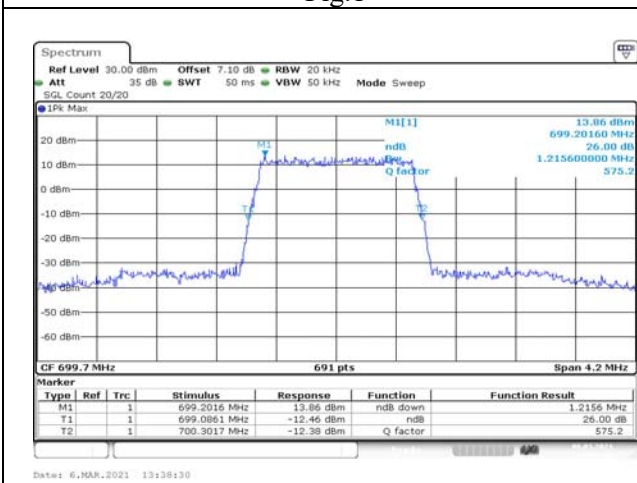


Fig.3

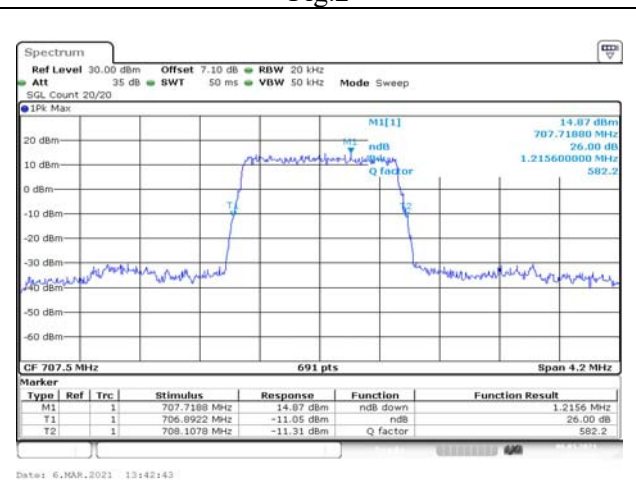


Fig.4

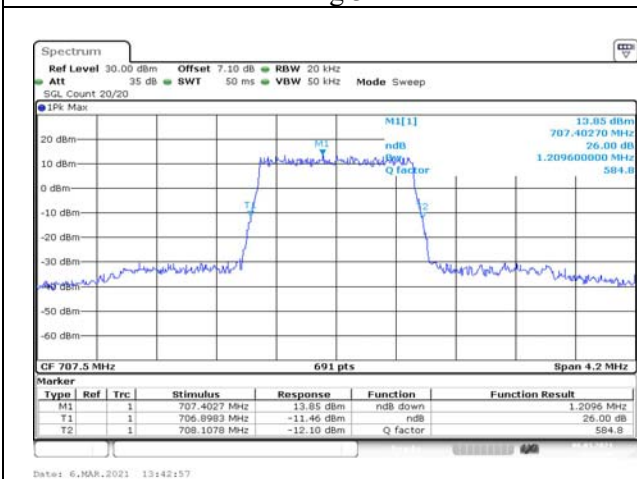


Fig.5

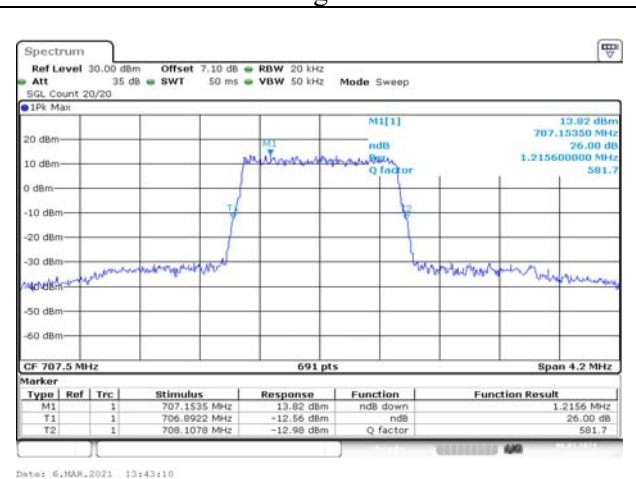


Fig.6

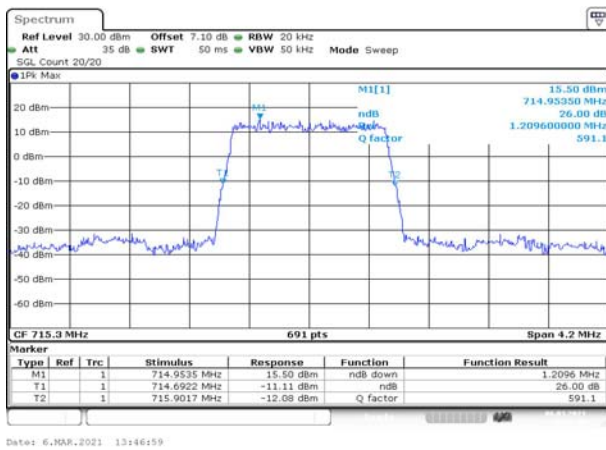


Fig.7

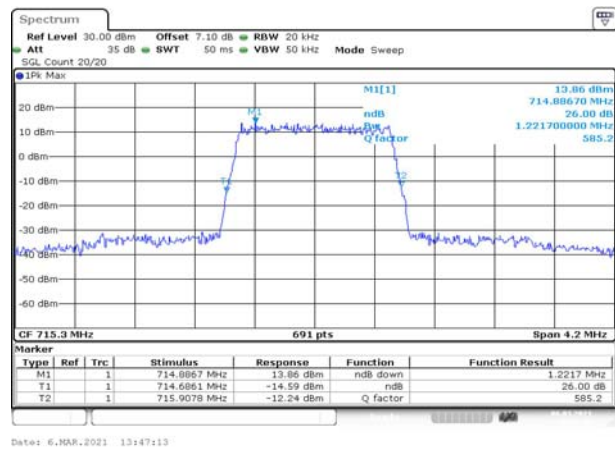


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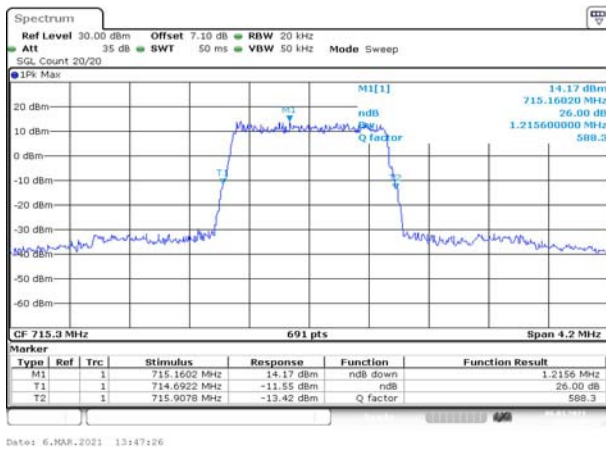


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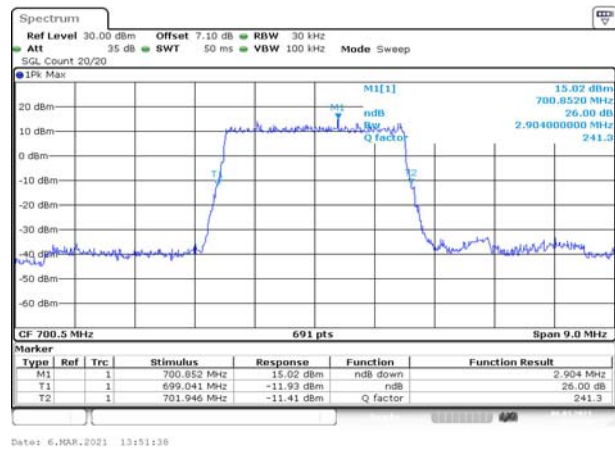


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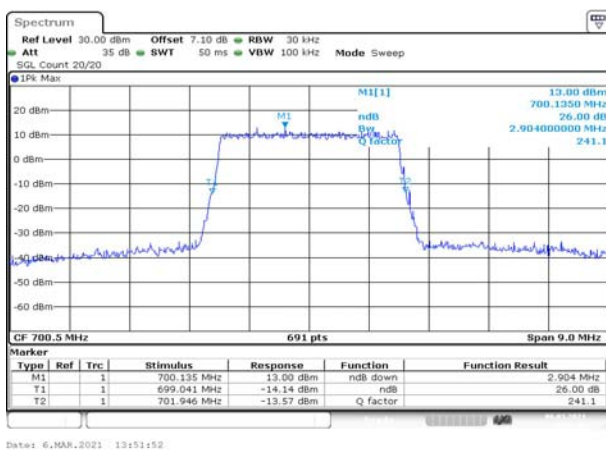


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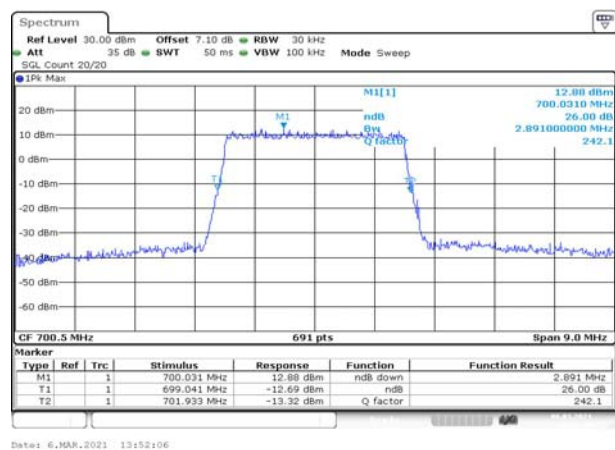


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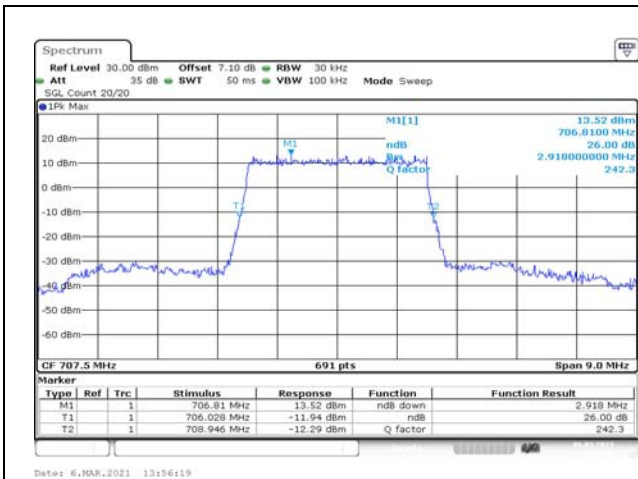


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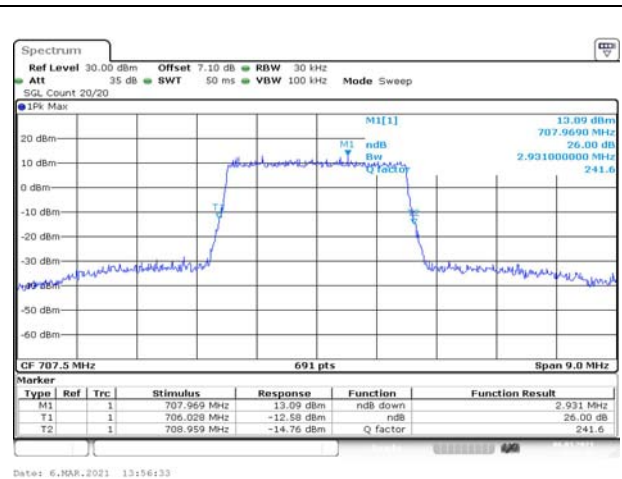


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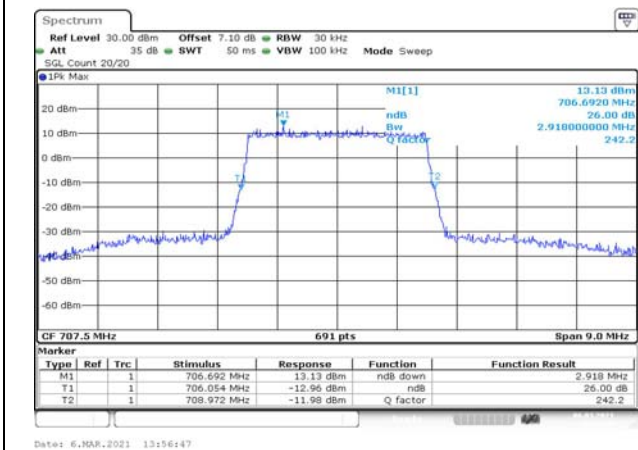


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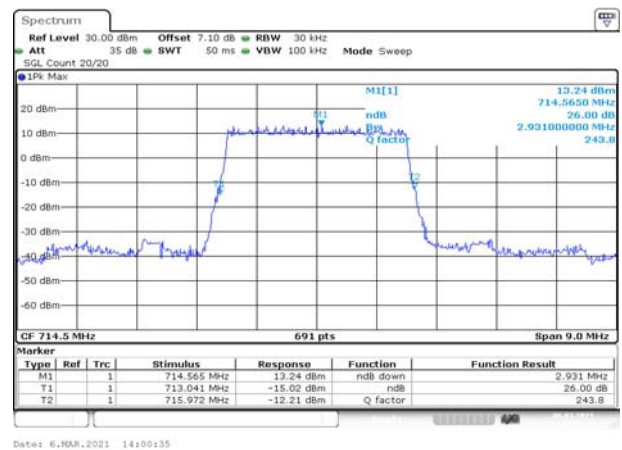


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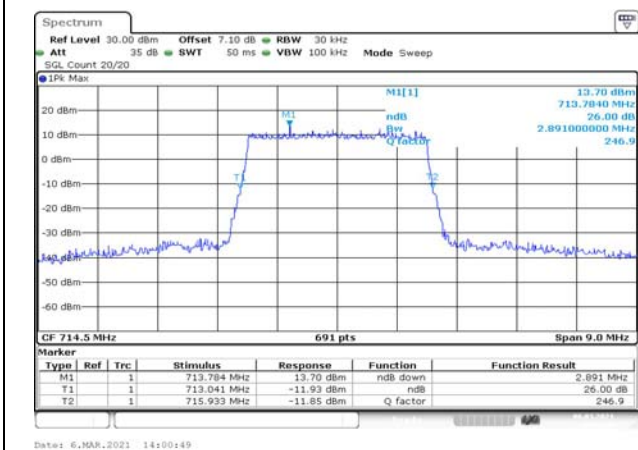


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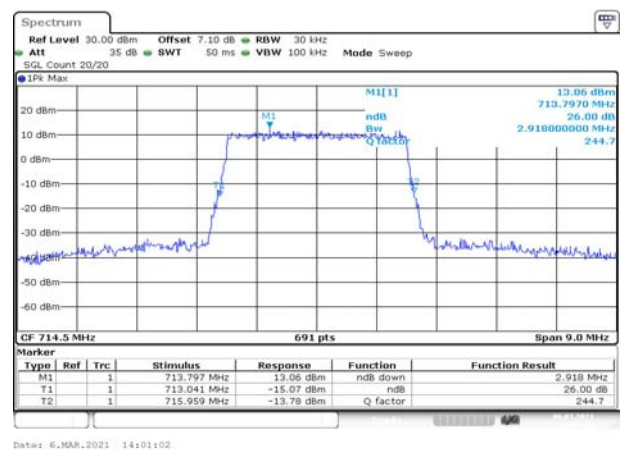


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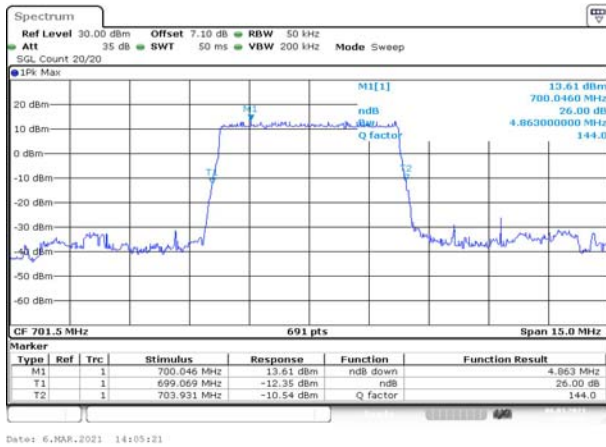


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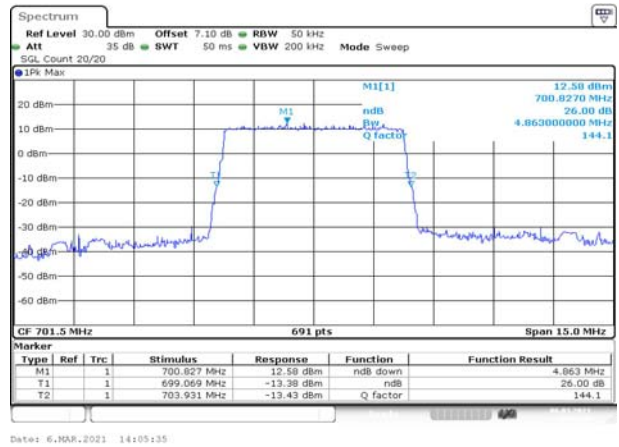


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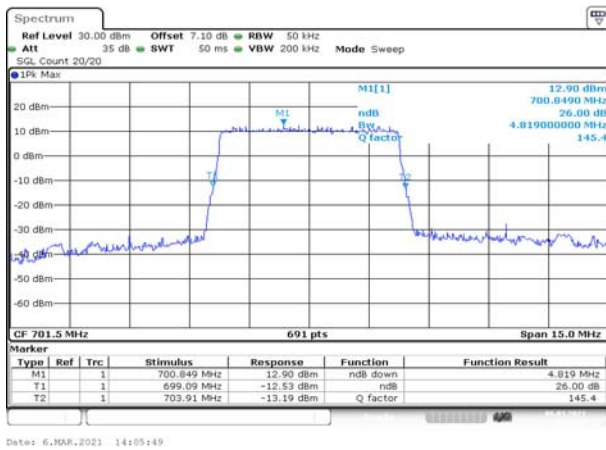


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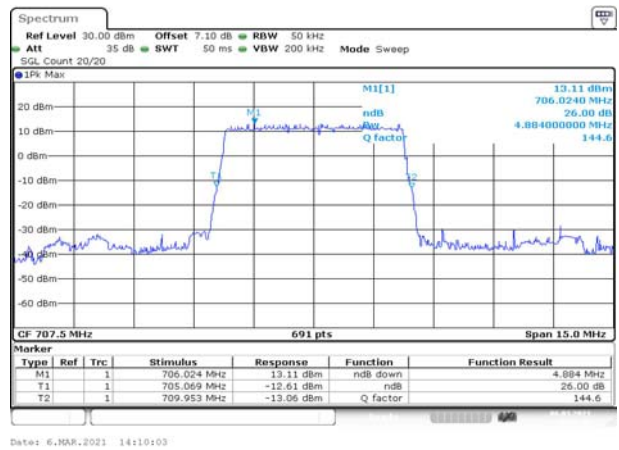


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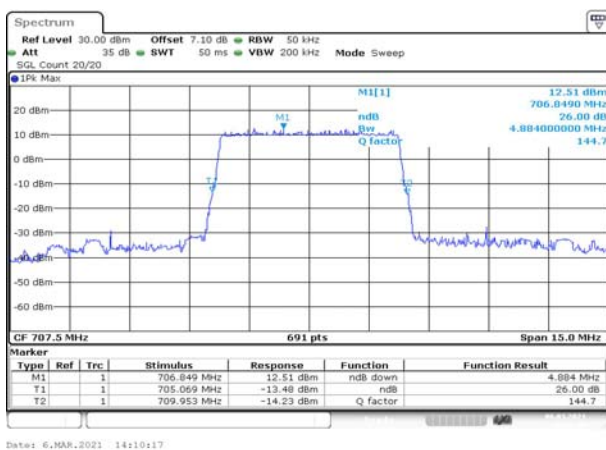


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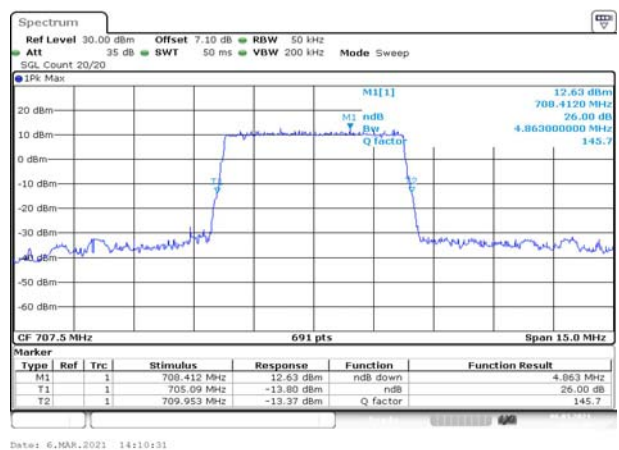


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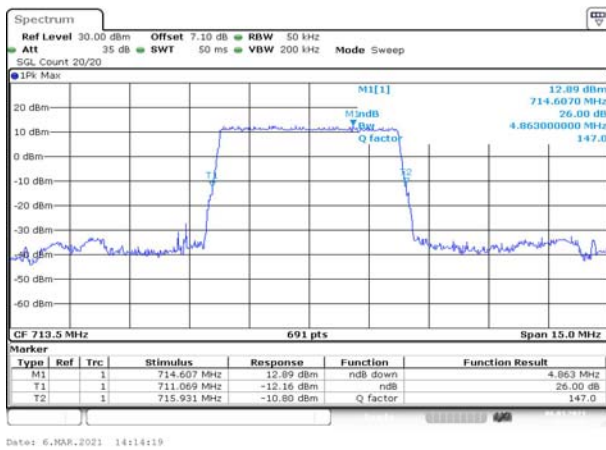


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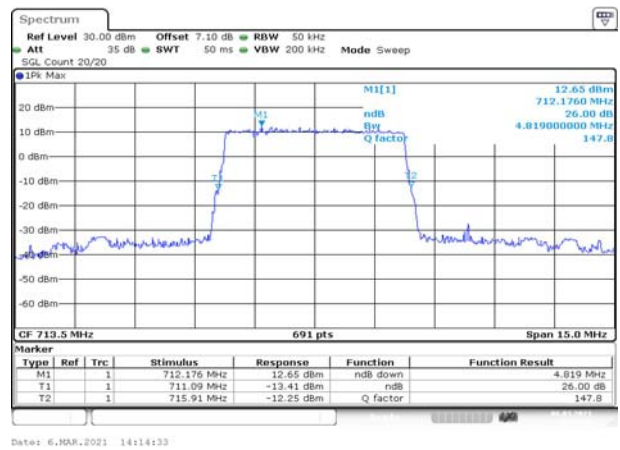


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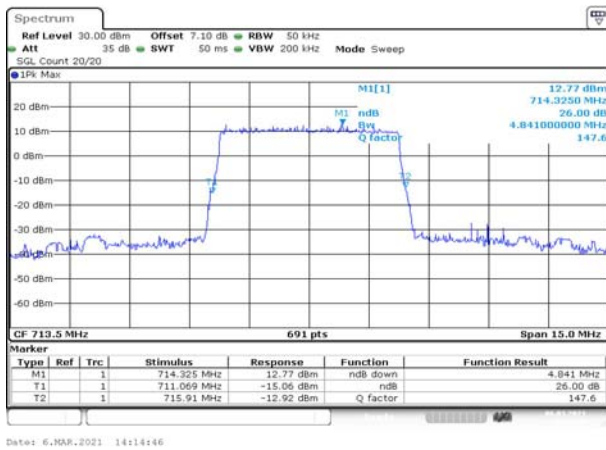


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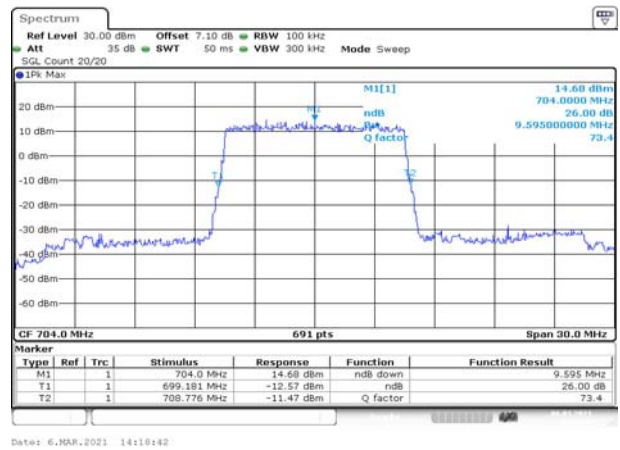


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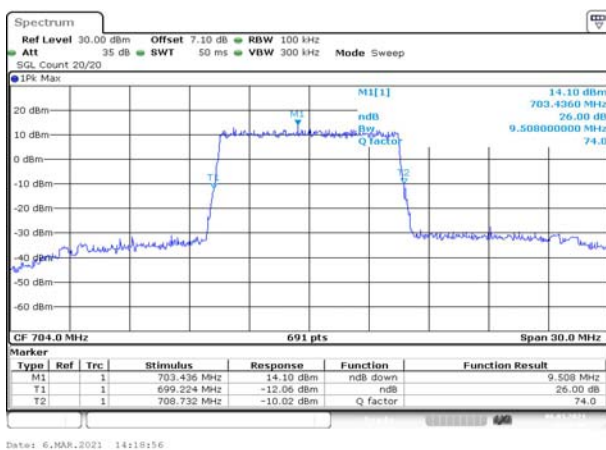


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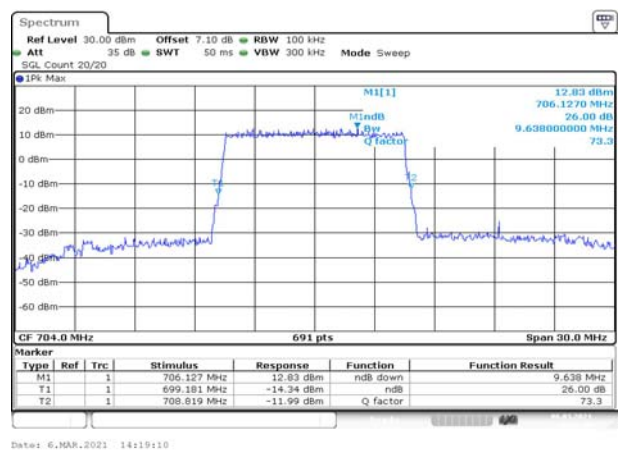


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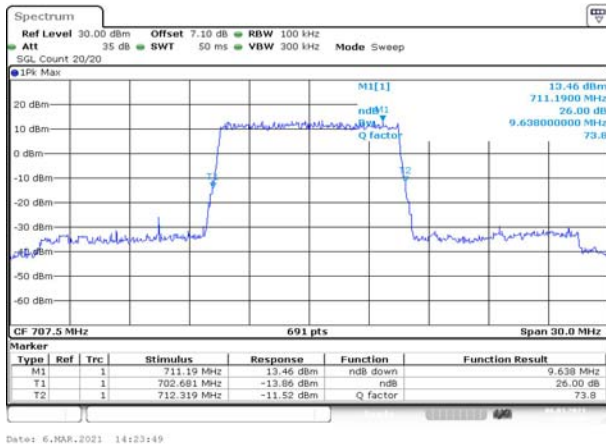


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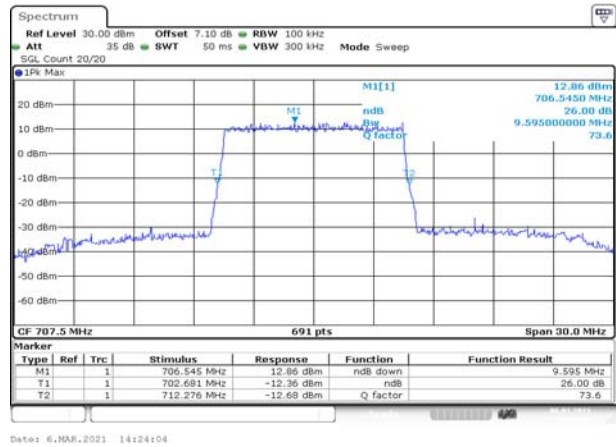


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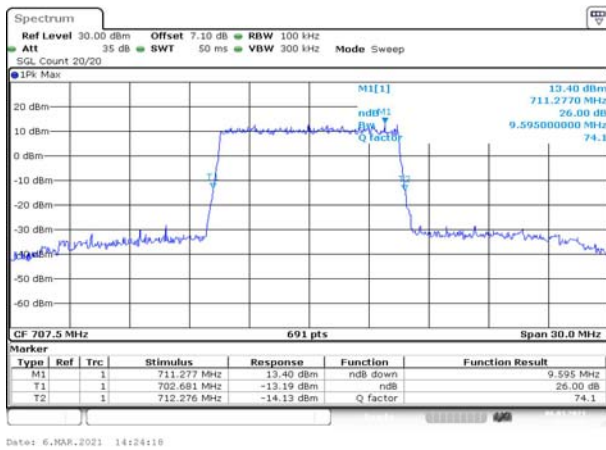


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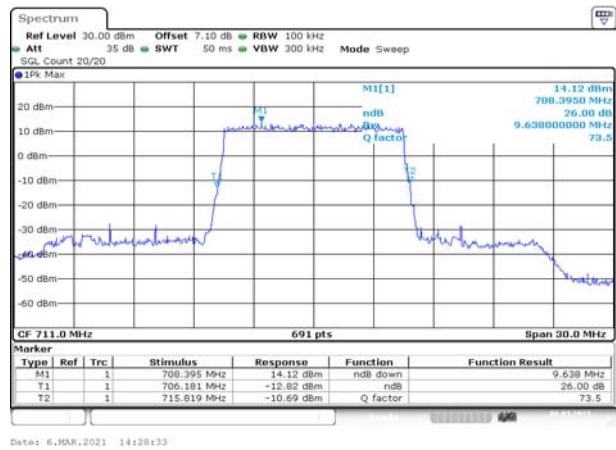


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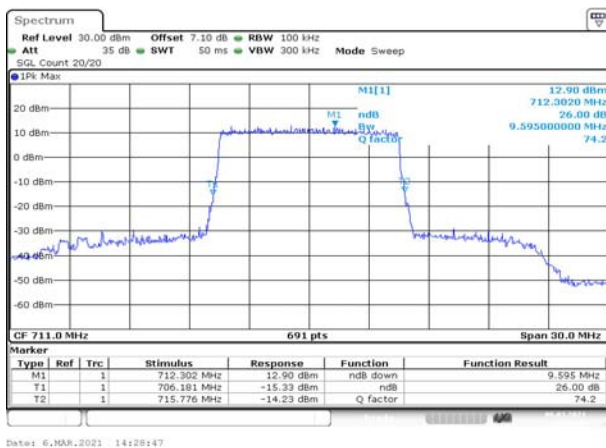


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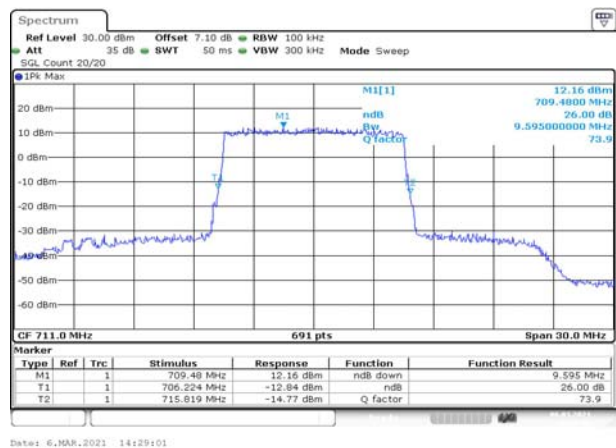


Fig.36

4 Peak-Average Ratio

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	QPSK	16-QAM	64-QAM
12	699.7	23017	1.4	1	5	Fig.1	Fig.2	Fig.3
	699.7	23017		6	0	Fig.4	Fig.5	Fig.6
	707.5	23095		1	5	Fig.7	Fig.8	Fig.9
	707.5	23095		6	0	Fig.10	Fig.11	Fig.12
	715.3	23173		1	5	Fig.13	Fig.14	Fig.15
	715.3	23173		6	0	Fig.16	Fig.17	Fig.18
	700.5	23025	3	1	14	Fig.19	Fig.20	Fig.21
	700.5	23025		15	0	Fig.22	Fig.23	Fig.24
	707.5	23095		1	14	Fig.25	Fig.26	Fig.27
	707.5	23095		15	0	Fig.28	Fig.29	Fig.30
	714.5	23165		1	14	Fig.31	Fig.32	Fig.33
	714.5	23165		15	0	Fig.34	Fig.35	Fig.36
	701.5	23035	5	1	24	Fig.37	Fig.38	Fig.39
	701.5	23035		25	0	Fig.40	Fig.41	Fig.42
	707.5	23095		1	24	Fig.43	Fig.44	Fig.45
	707.5	23095		25	0	Fig.46	Fig.47	Fig.48
	713.5	23155		1	24	Fig.49	Fig.50	Fig.51
	713.5	23155		25	0	Fig.52	Fig.53	Fig.54
	704	23060	10	1	49	Fig.55	Fig.56	Fig.57
	704	23060		50	0	Fig.58	Fig.59	Fig.60
	707.5	23095		1	49	Fig.61	Fig.62	Fig.63
	707.5	23095		50	0	Fig.64	Fig.65	Fig.66
	711	23130		1	49	Fig.67	Fig.68	Fig.69
	711	23130		50	0	Fig.70	Fig.71	Fig.72

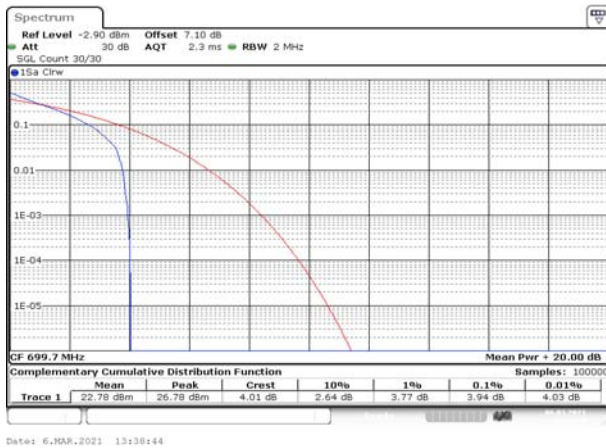


Fig.1

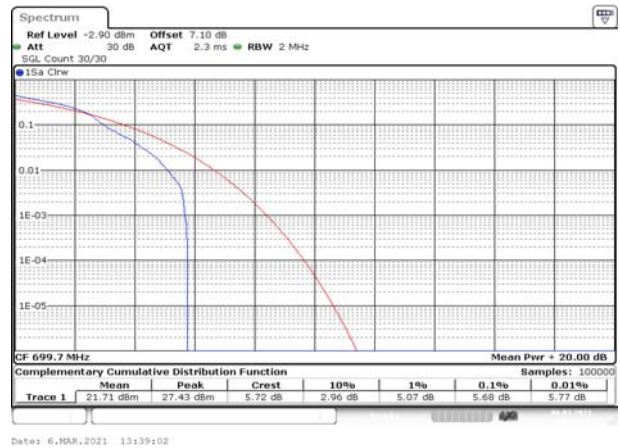


Fig.2

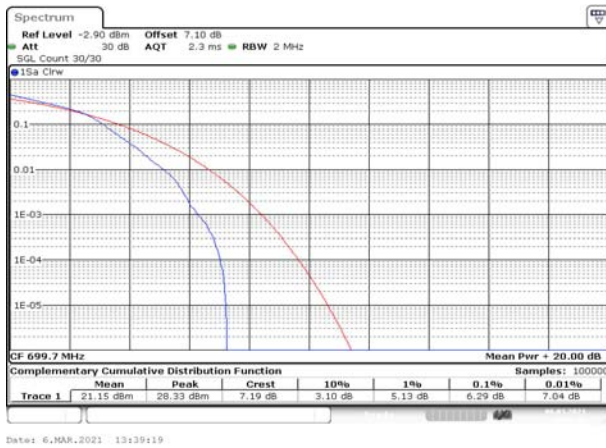


Fig.3

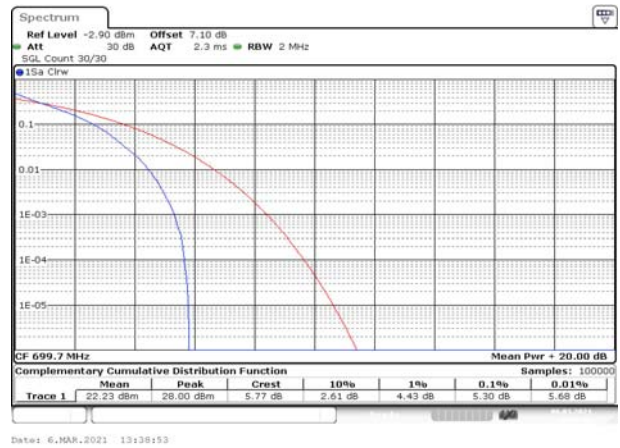


Fig.4

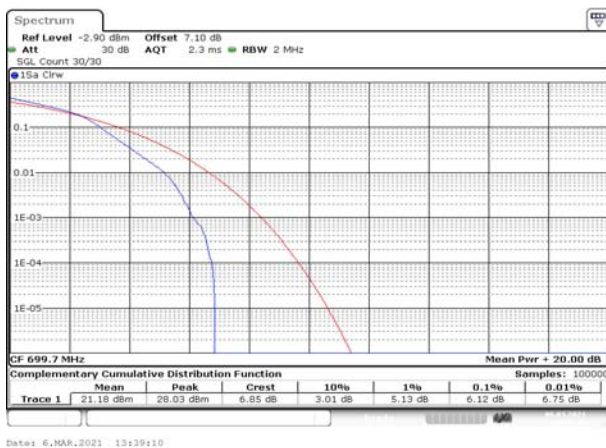


Fig.5

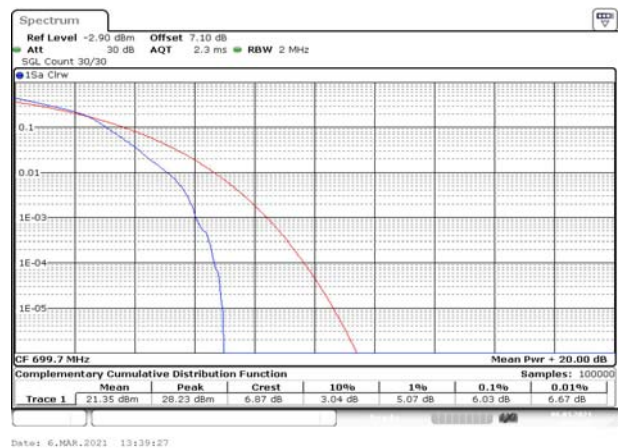


Fig.6

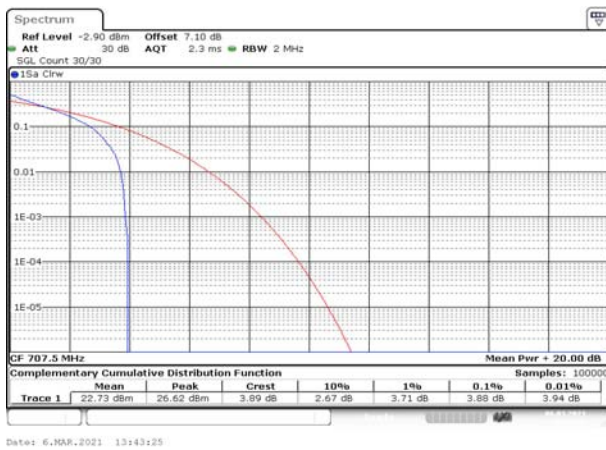


Fig.7

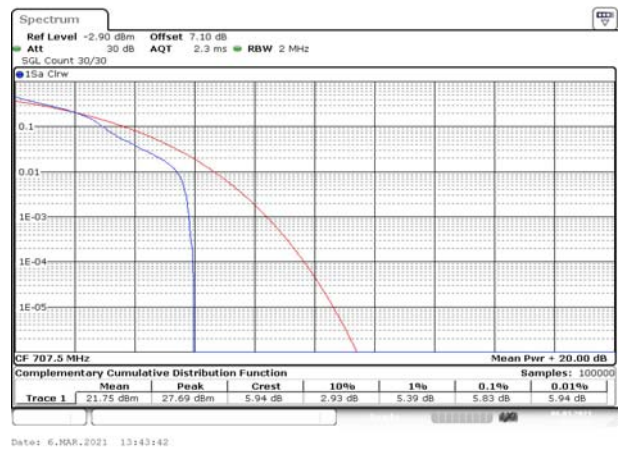


Fig.8

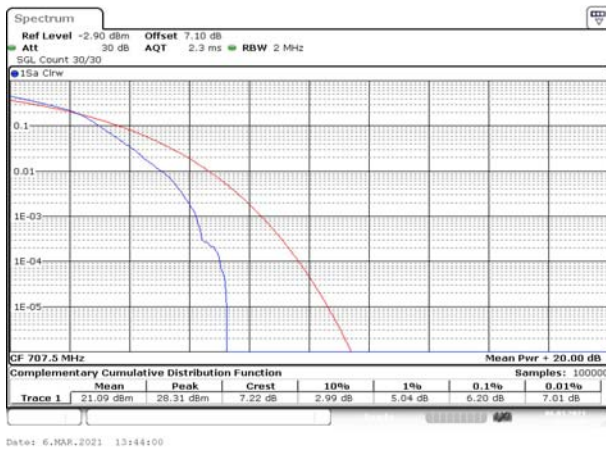


Fig.9

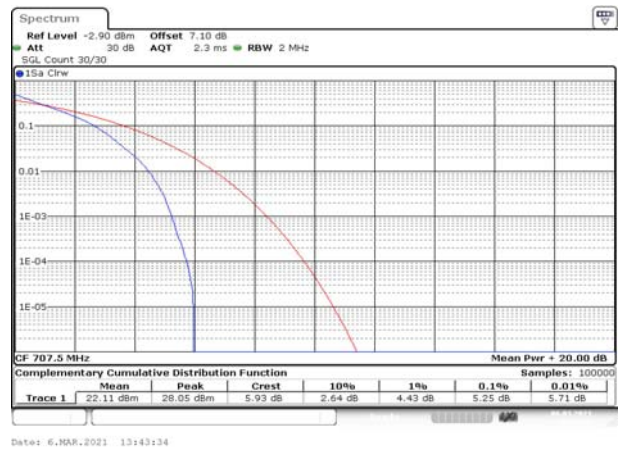


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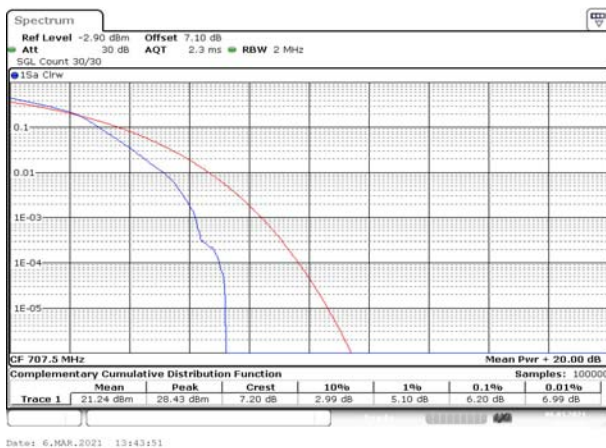


Fig.11

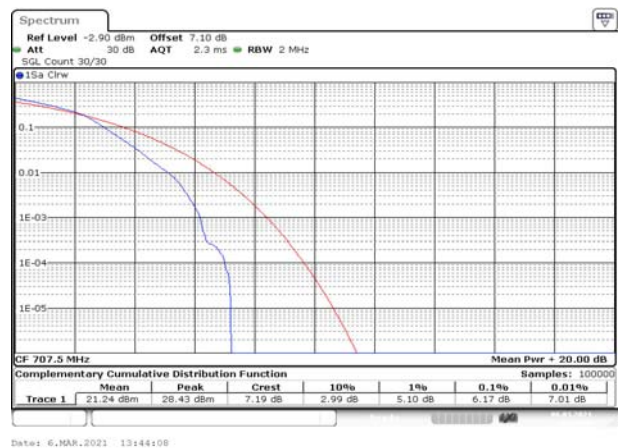


Fig.12

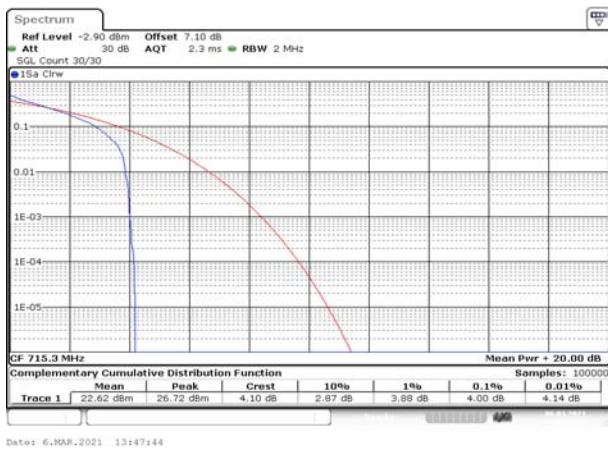


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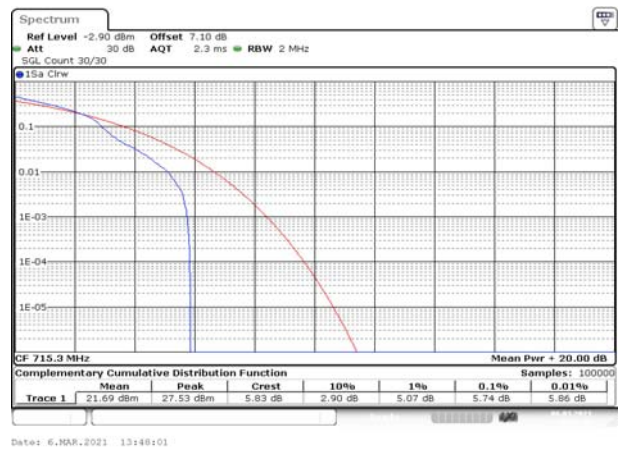


Fig.14

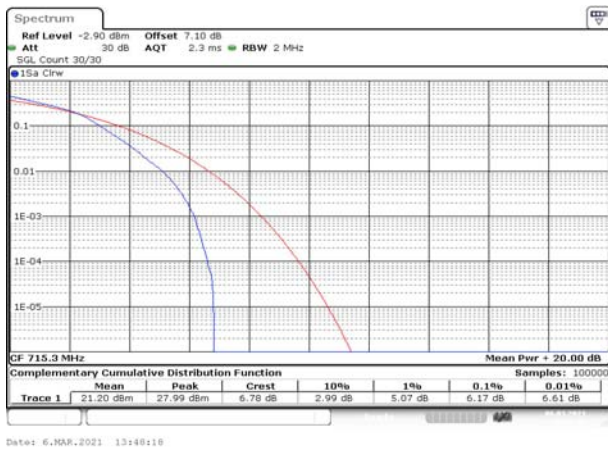


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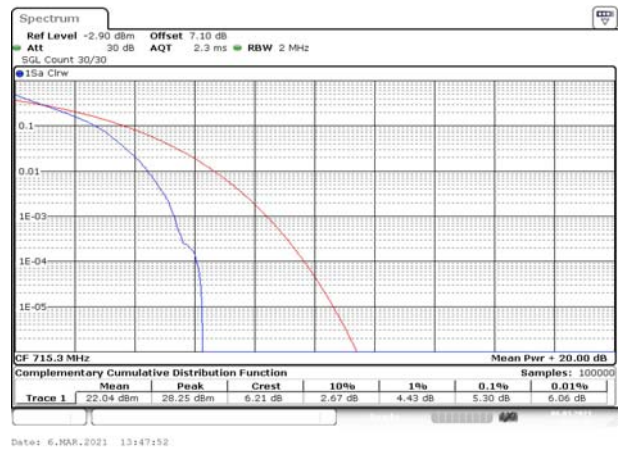


Fig.16

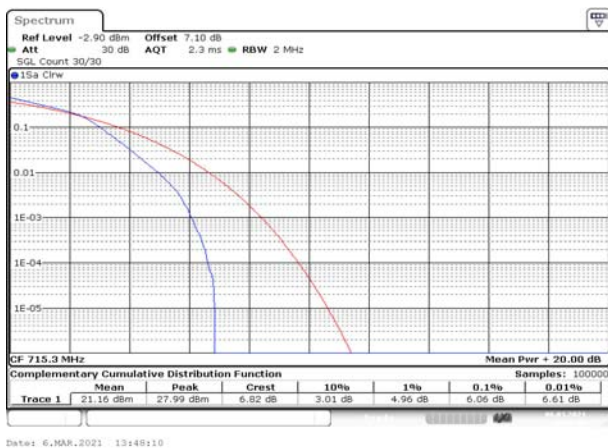


Fig.17

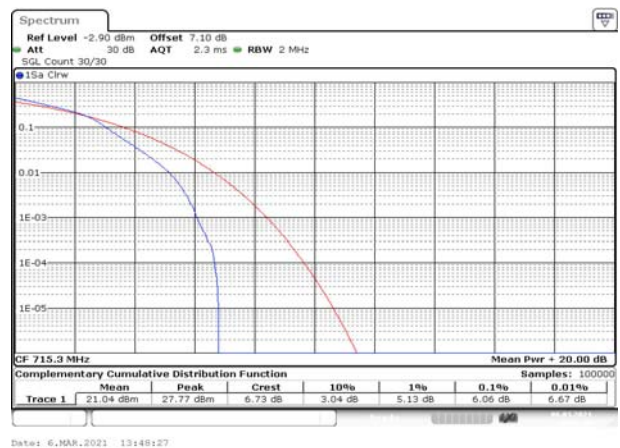


Fig.18

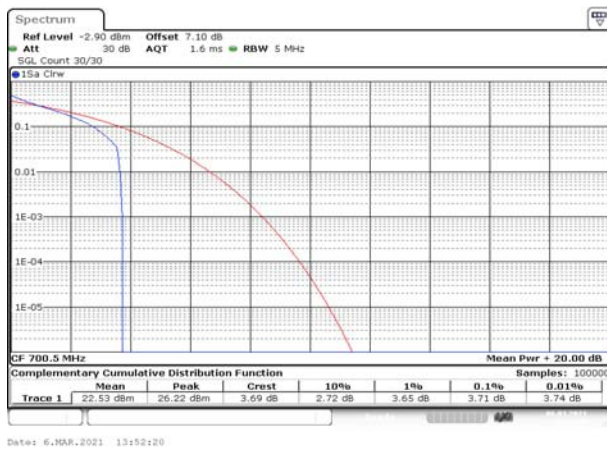


Fig.19

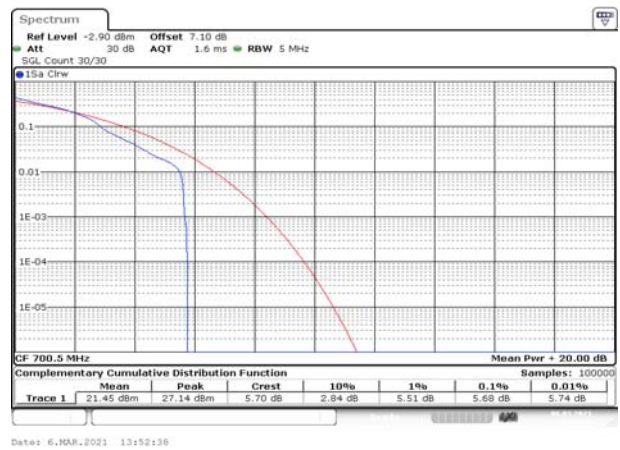


Fig.20

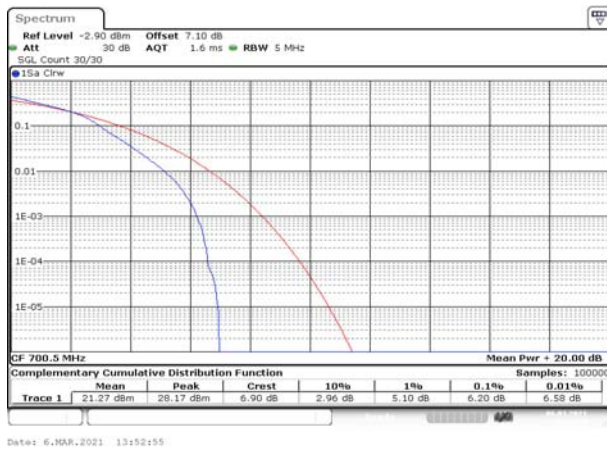


Fig.21

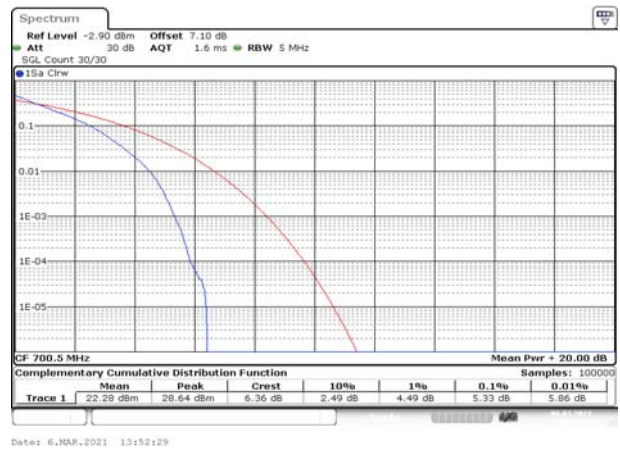


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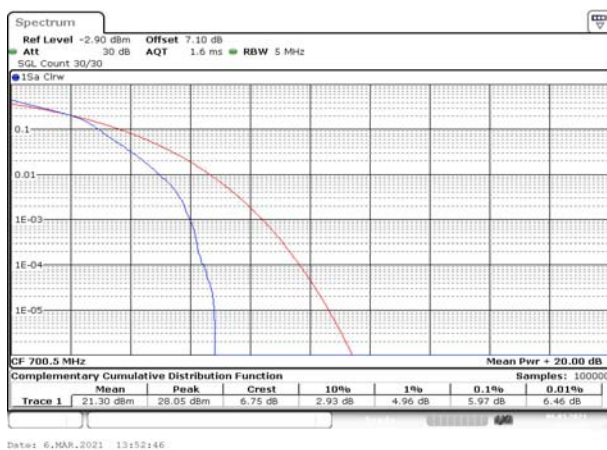


Fig.23

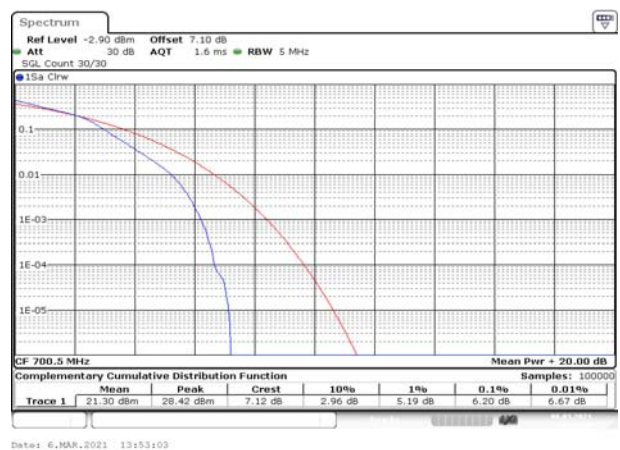


Fig.24

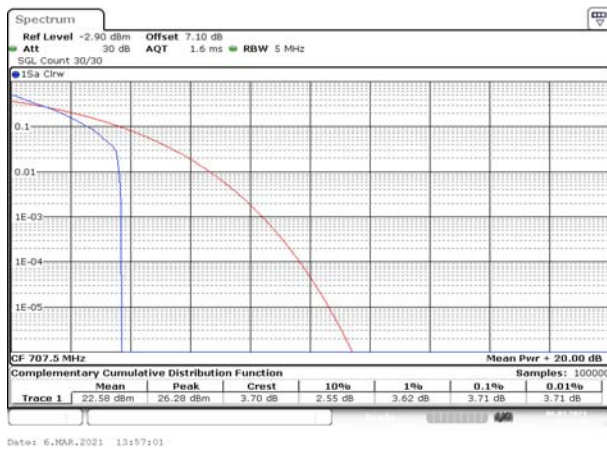


Fig.25

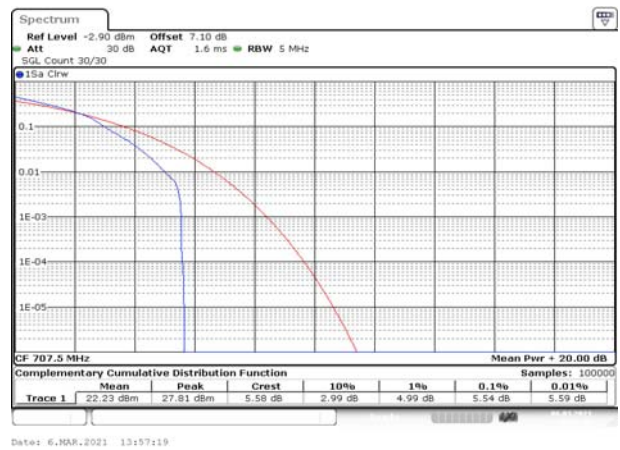


Fig.26

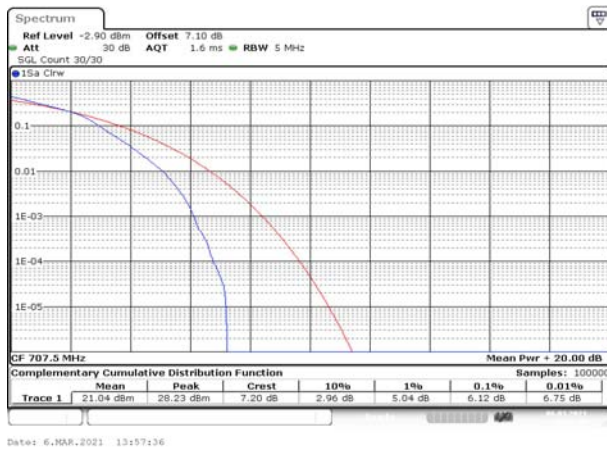


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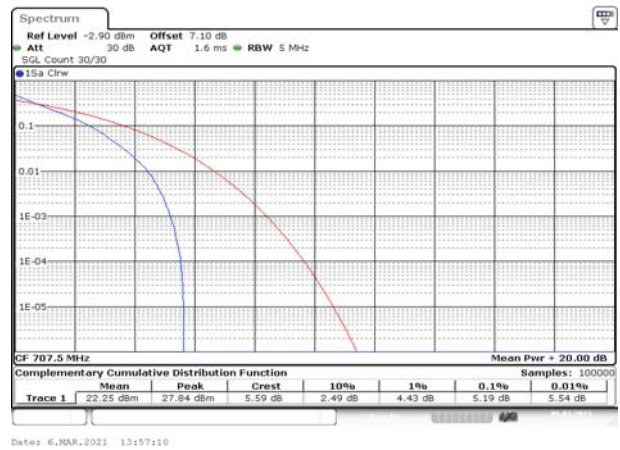


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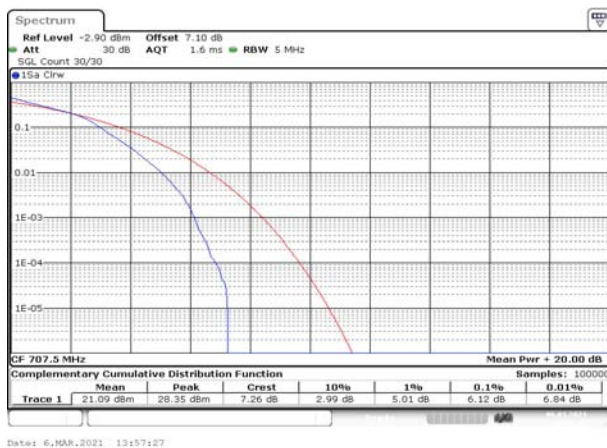


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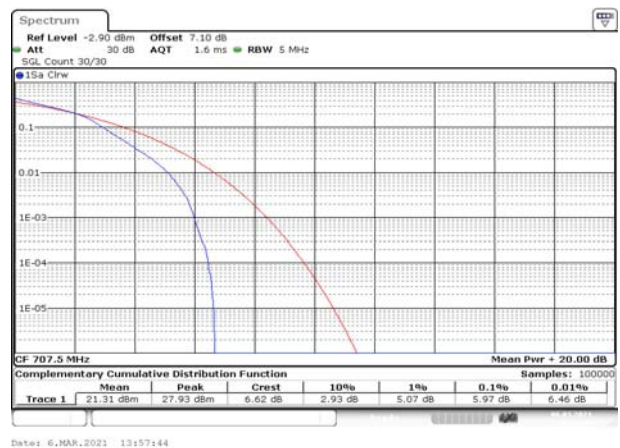


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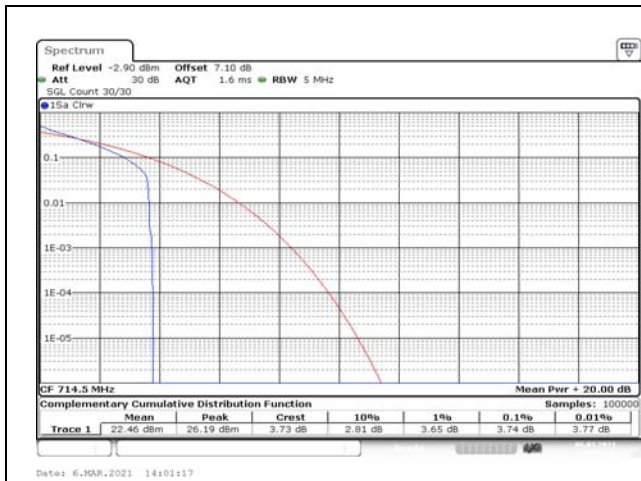


Fig.31

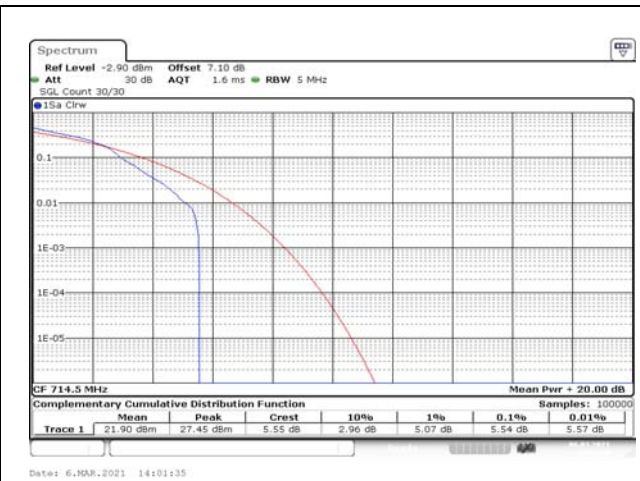


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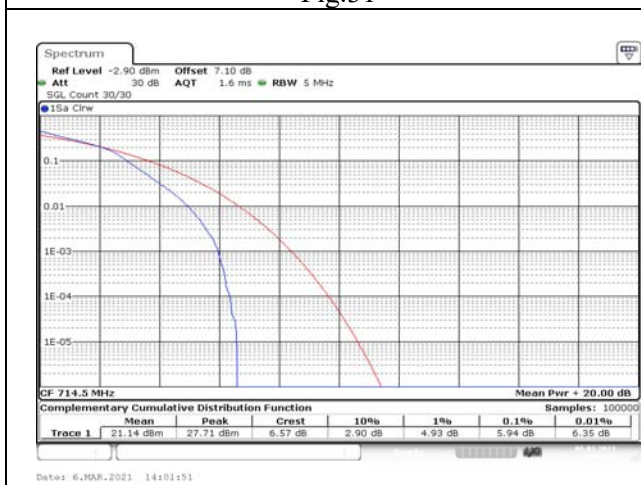


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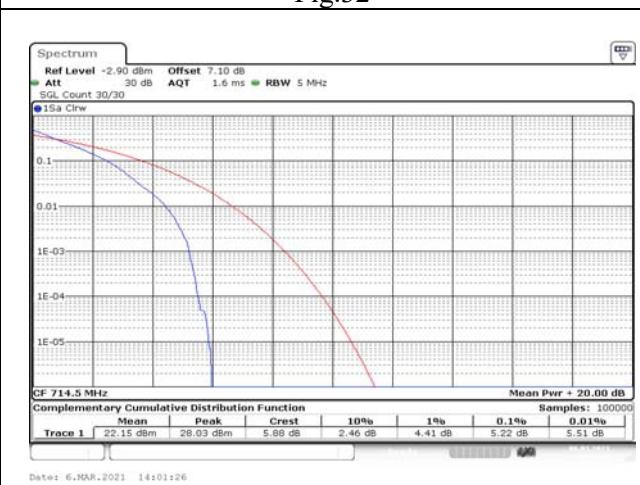


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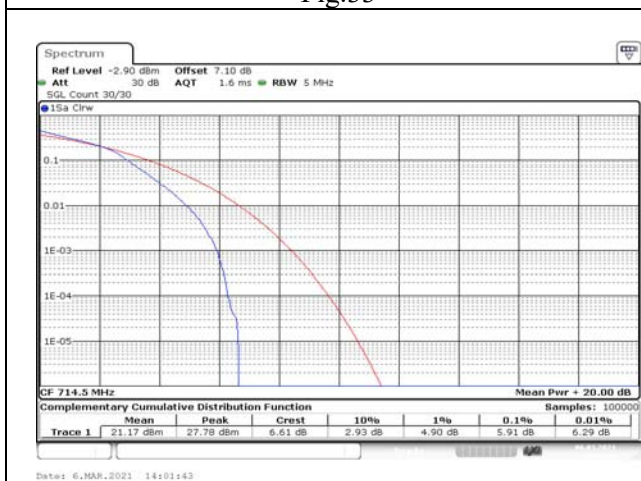


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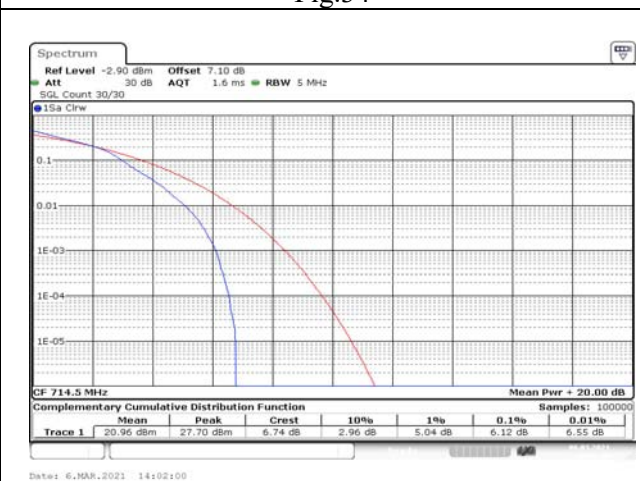


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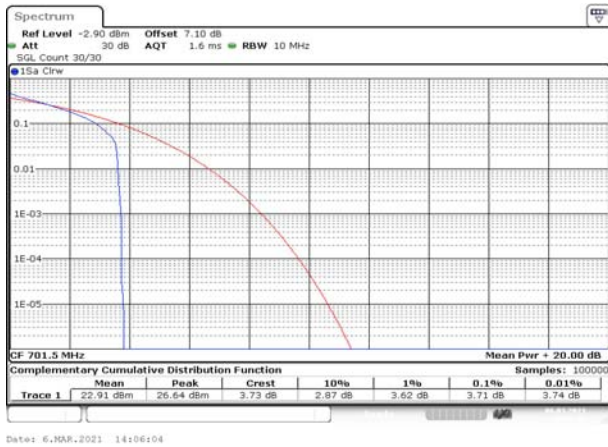


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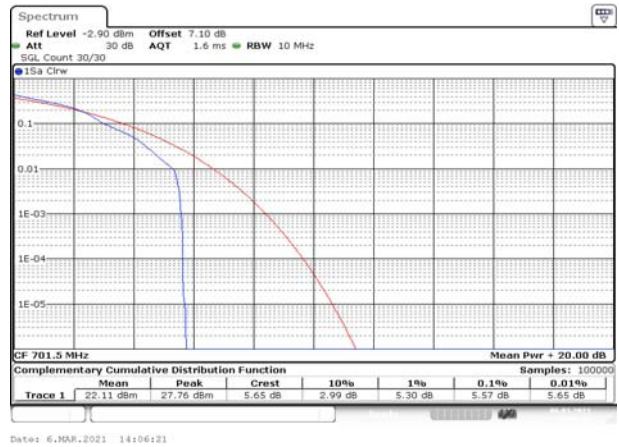


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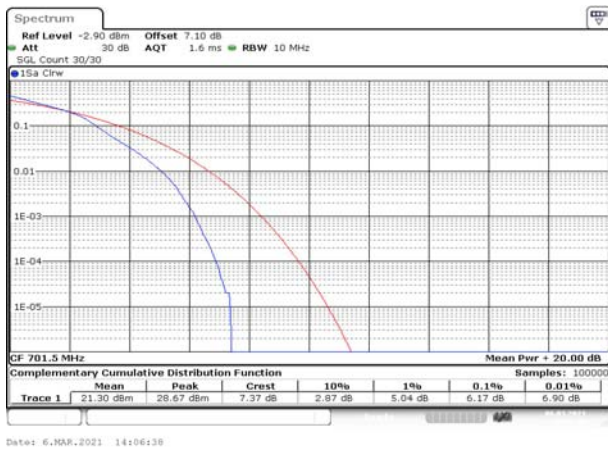


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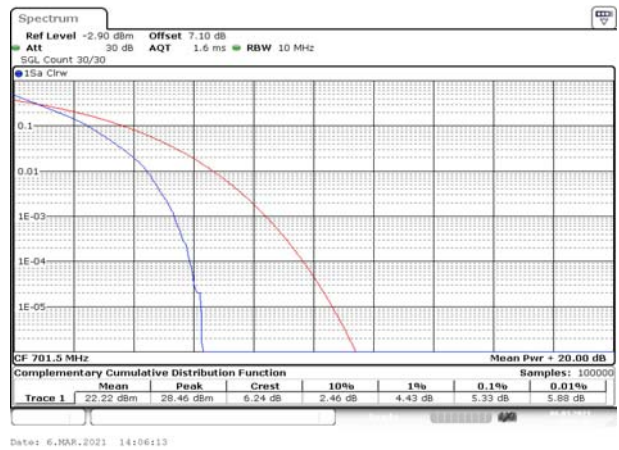


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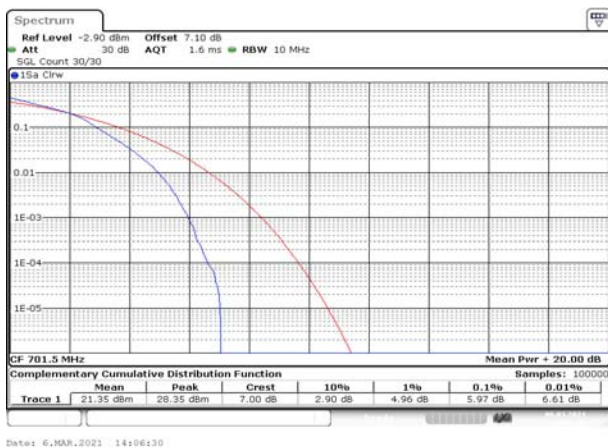


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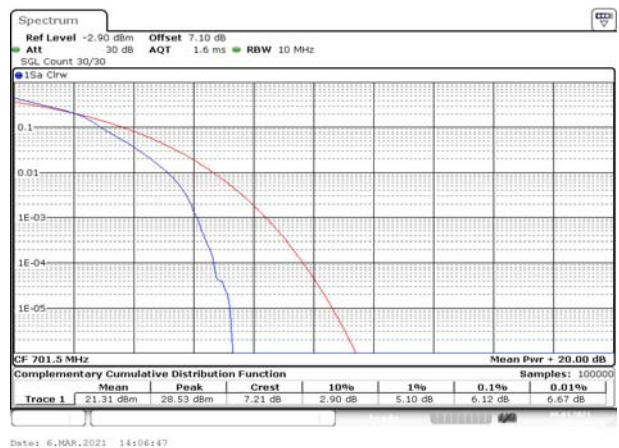


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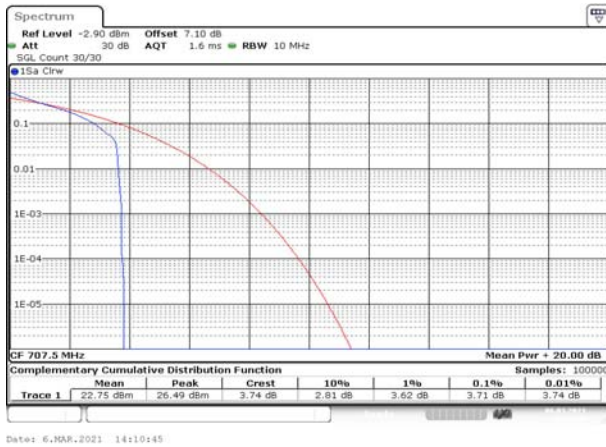


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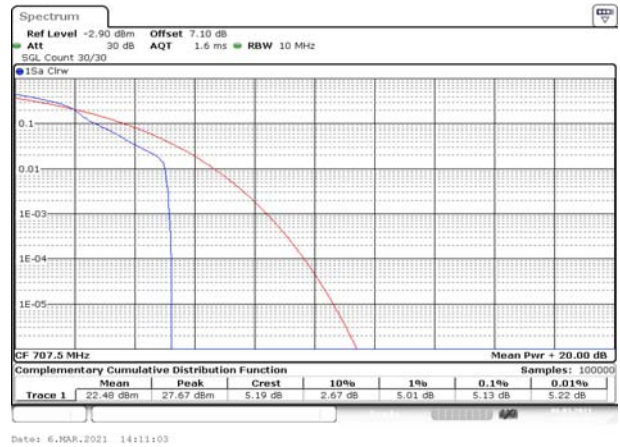


Fig.44

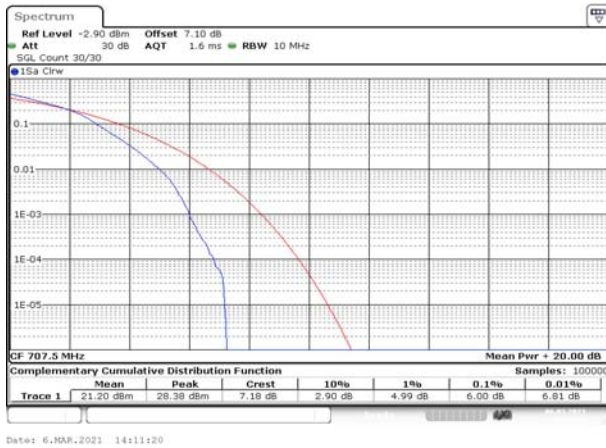


Fig.45

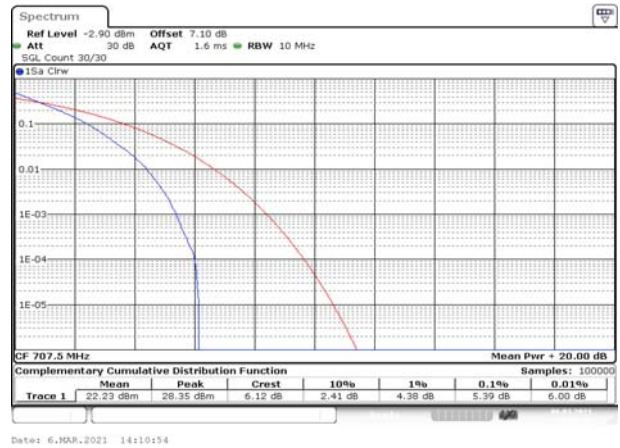


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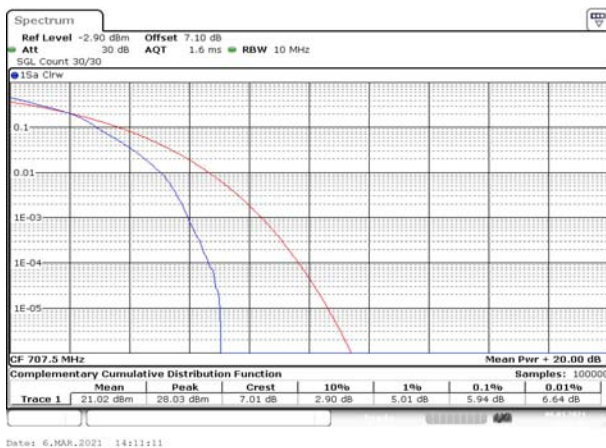


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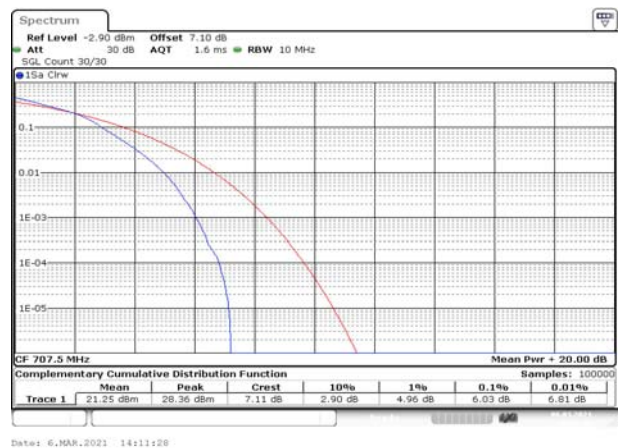


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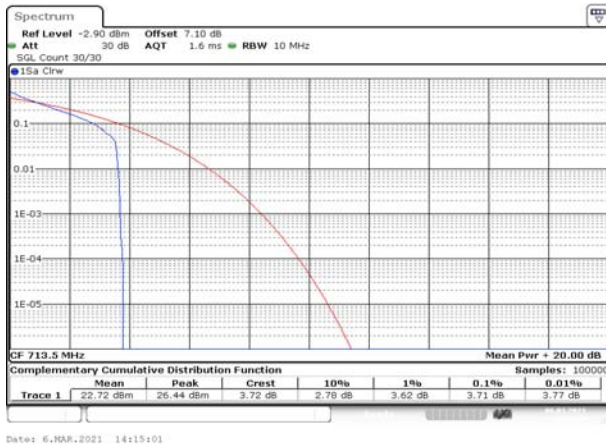


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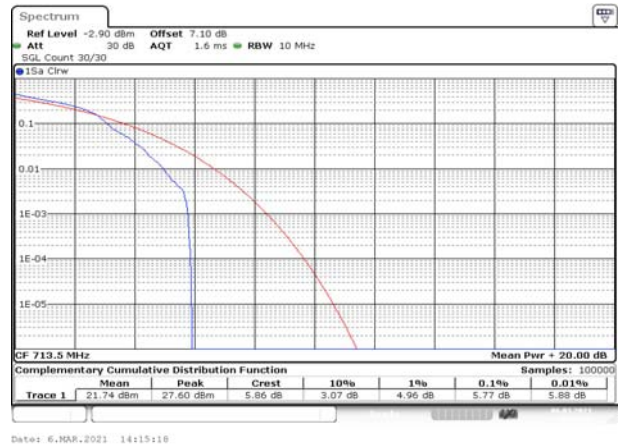


Fig.50

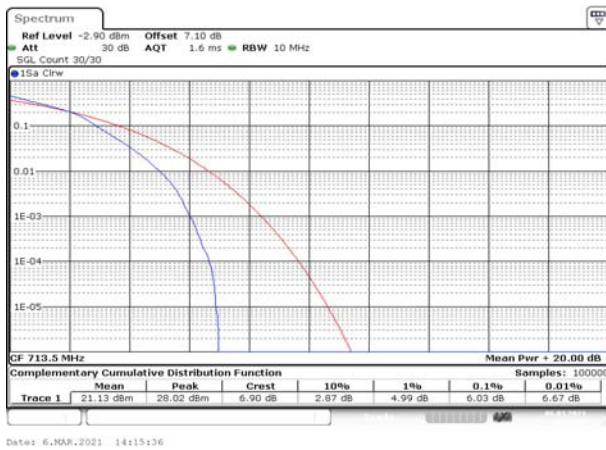


Fig.51

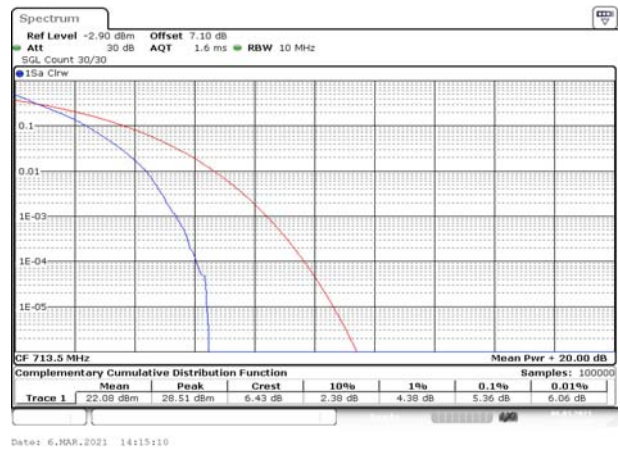


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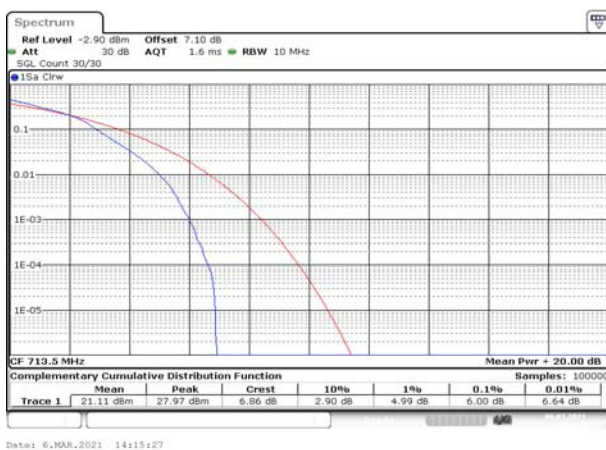


Fig.53

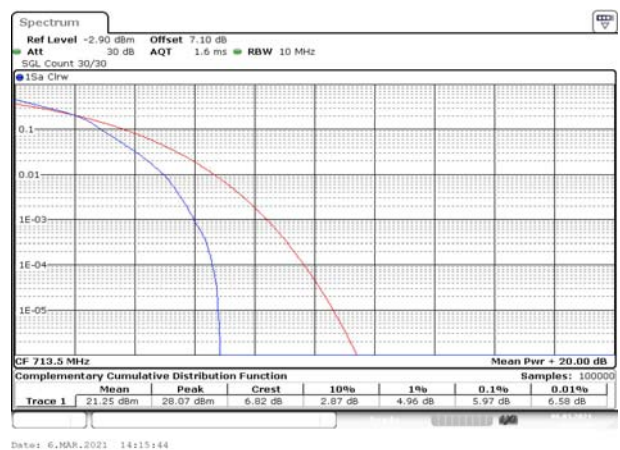


Fig.54

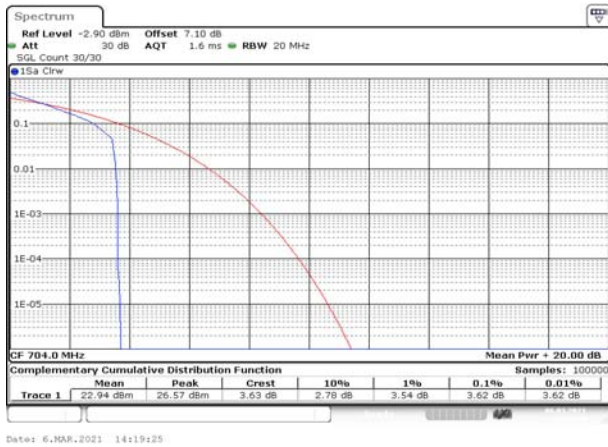


Fig.55

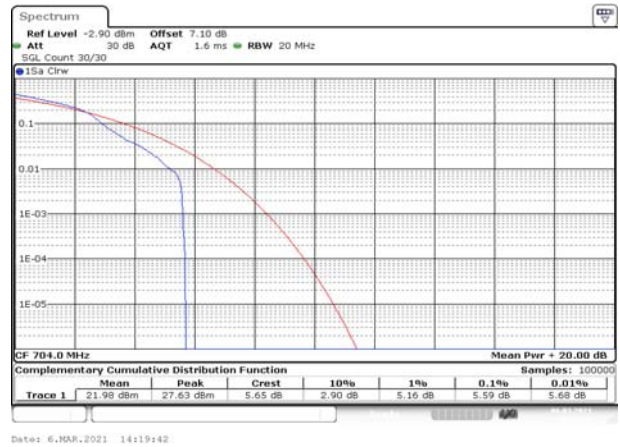


Fig.56

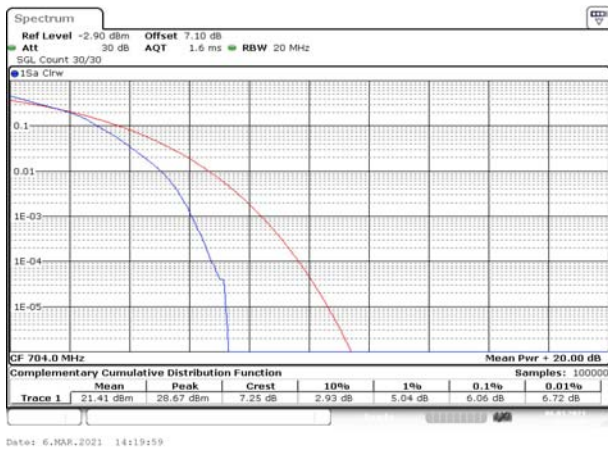


Fig.57

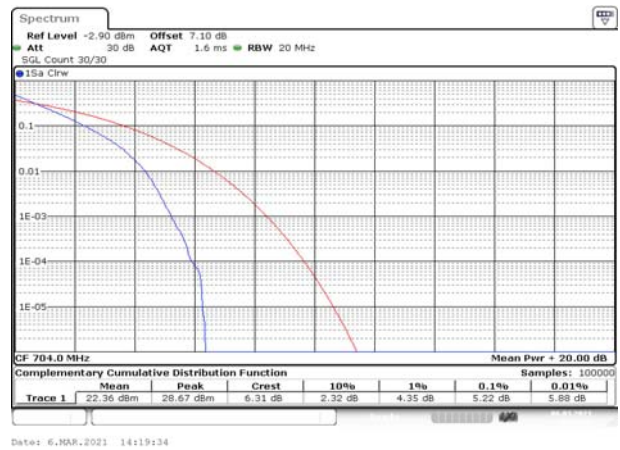


Fig.58

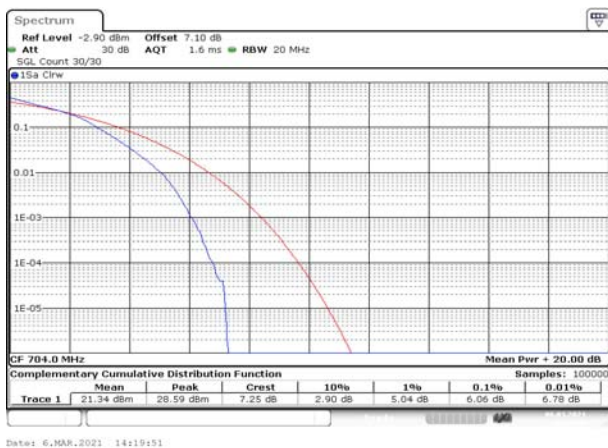


Fig.59

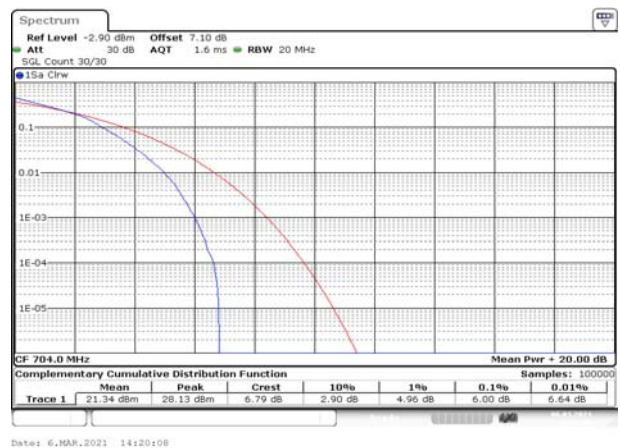


Fig.60

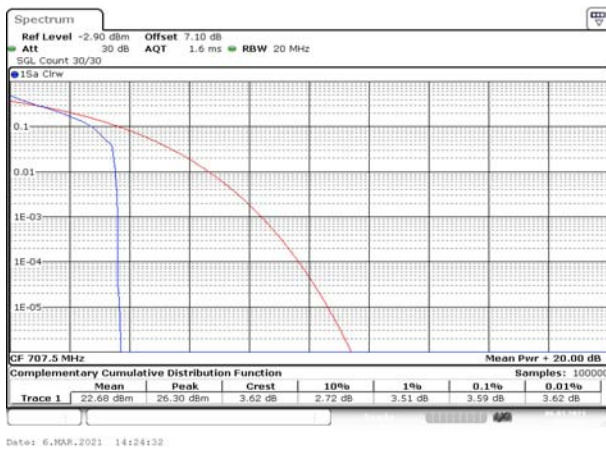


Fig.61

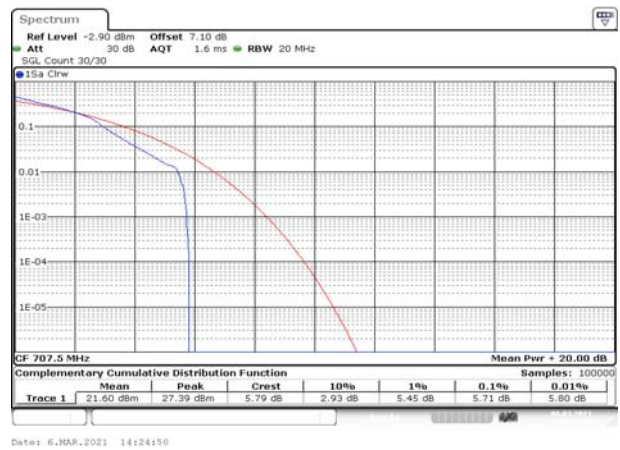


Fig.62

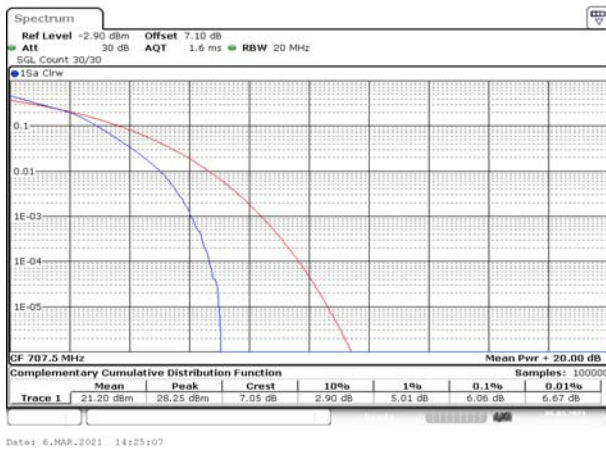


Fig.63

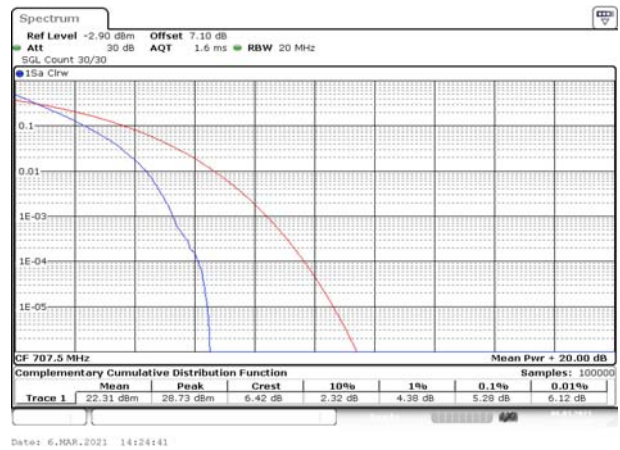


Fig.64

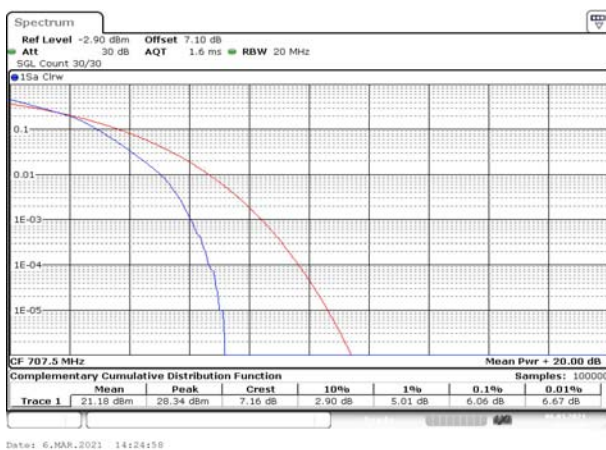


Fig.65

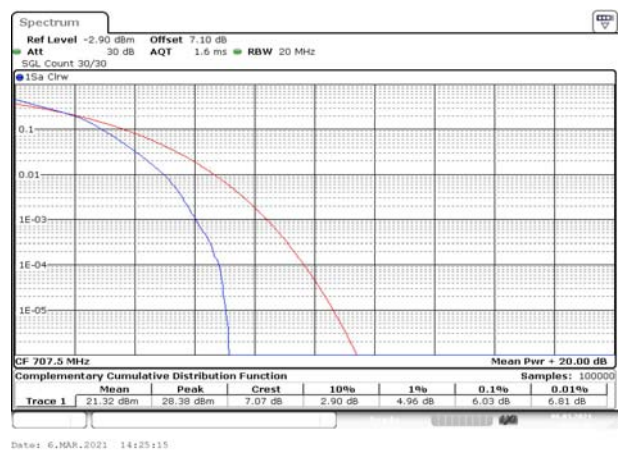


Fig.66

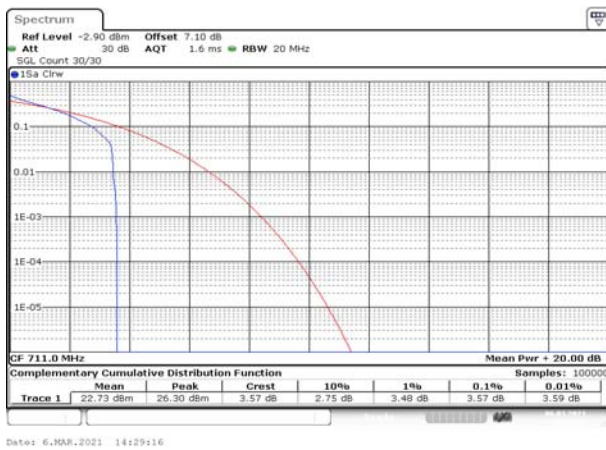


Fig.67

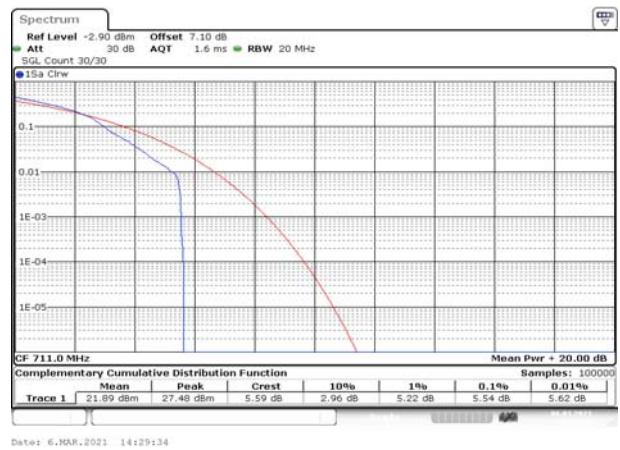


Fig.68

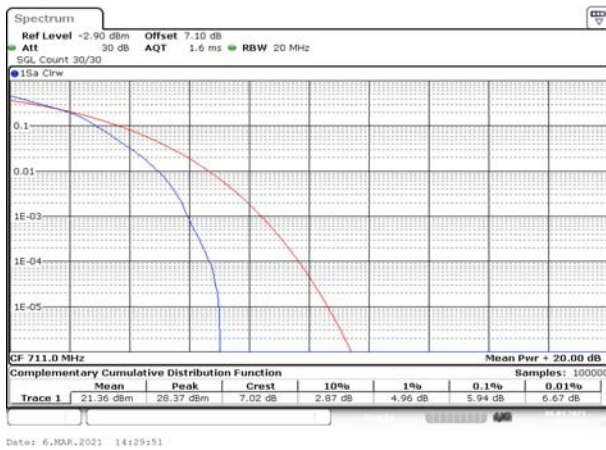


Fig.69

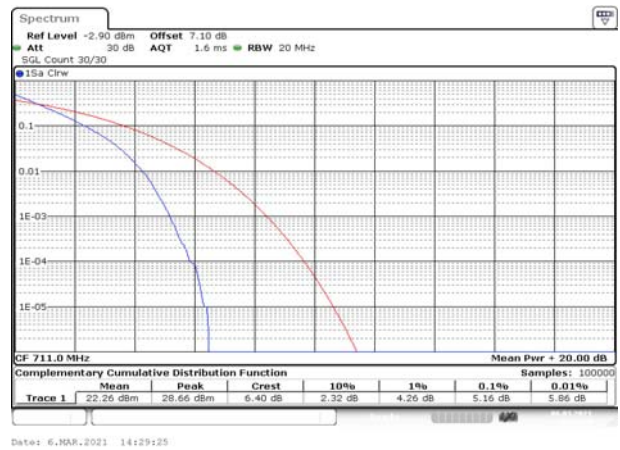


Fig.70

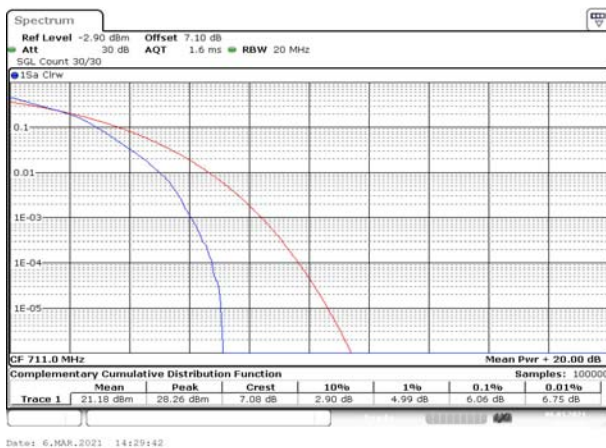


Fig.71

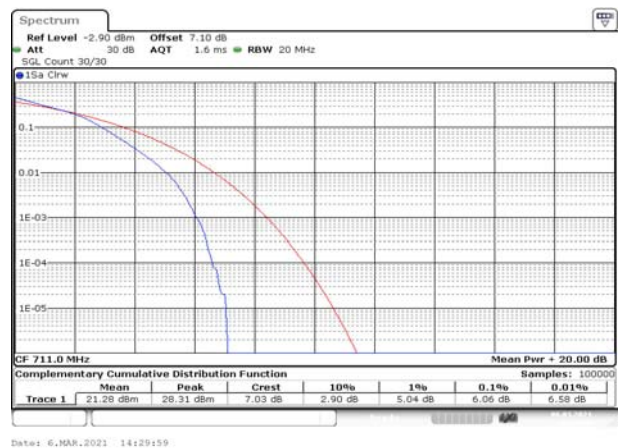


Fig.72

5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
12	704	23060	10	1	0	Fig.1
	707.5	23095		1	0	Fig.2
	711	23130		1	0	Fig.3

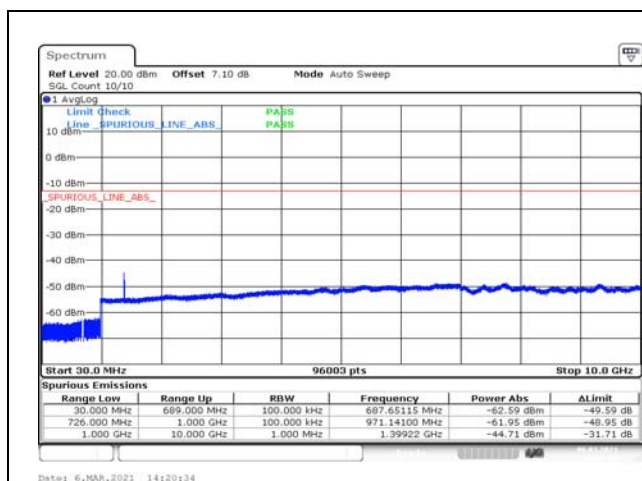


Fig.1

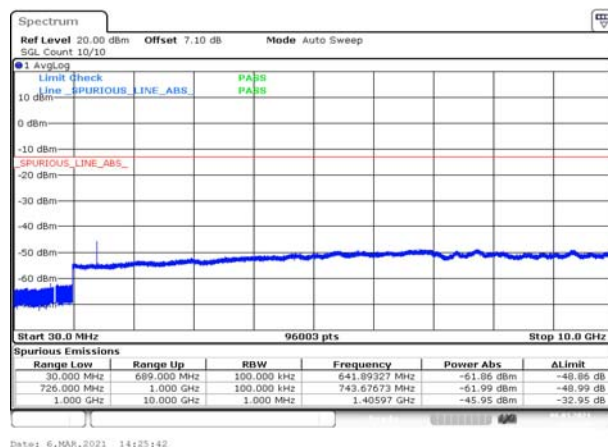


Fig.2

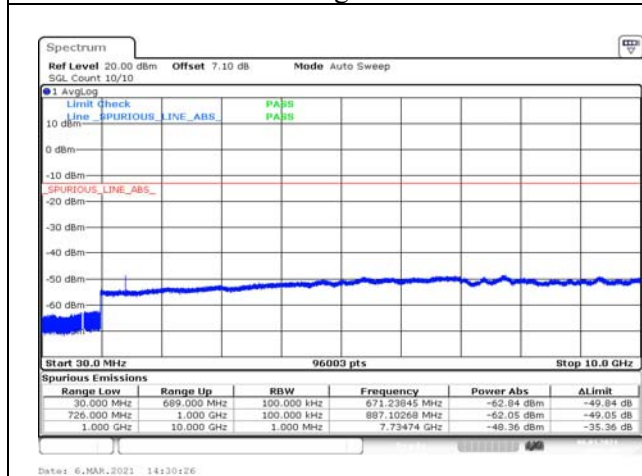


Fig.3

6 Band Edges Compliance

Band Edges Compliance						
Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
						QPSK
12	699.7	23017	1.4	1	0	Fig.1
				6	0	Fig.2
	715.3	23173		1	5	Fig.3
				6	0	Fig.4
	700.5	23025	3	1	0	Fig.5
				15	0	Fig.6
	714.5	23165		1	14	Fig.7
				15	0	Fig.8
	701.5	23035	5	1	0	Fig.9
				25	0	Fig.10
	713.5	23155		1	24	Fig.11
				25	0	Fig.12
	704	23060	10	1	0	Fig.13
				50	0	Fig.14
	711	23130		1	49	Fig.15
				50	0	Fig.16

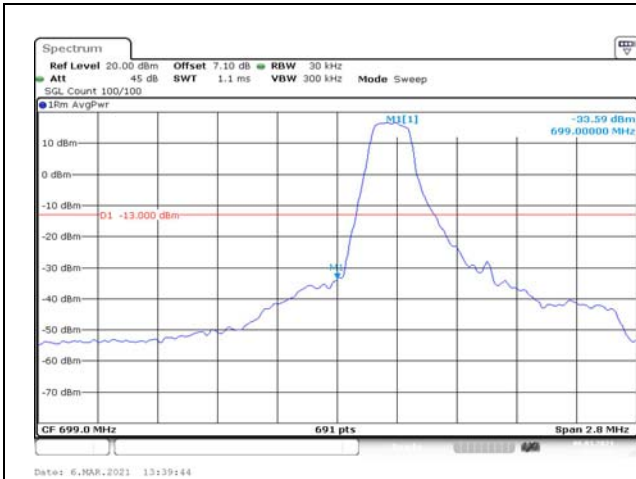


Fig.1

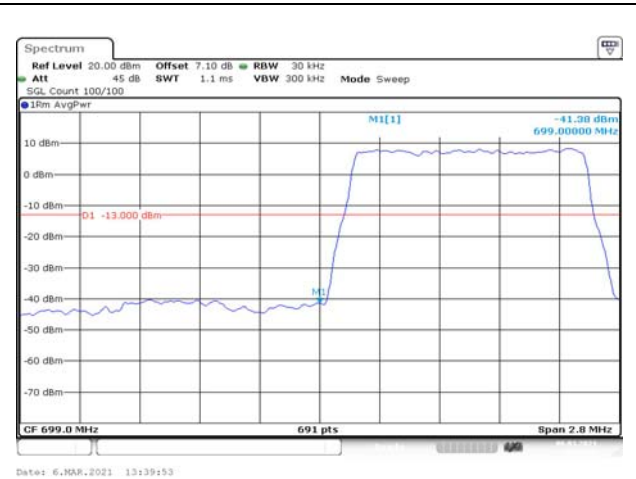


Fig.2

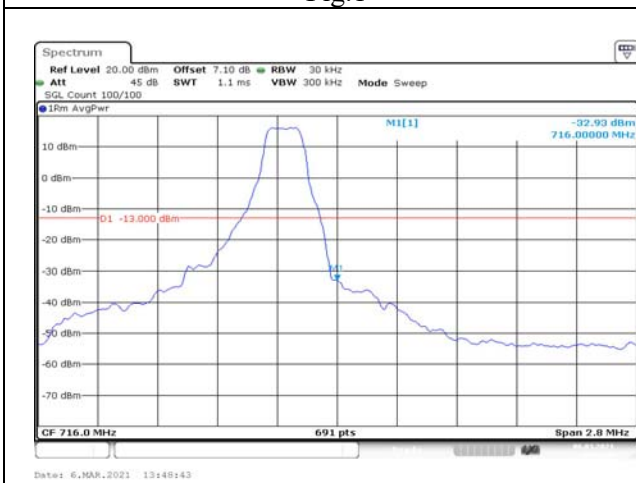


Fig.3

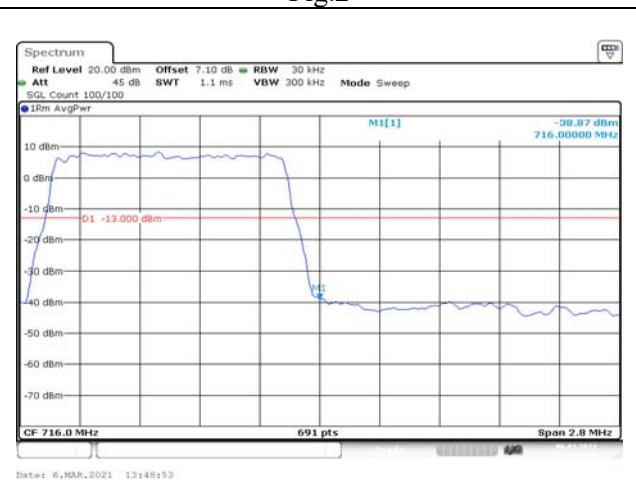


Fig.4

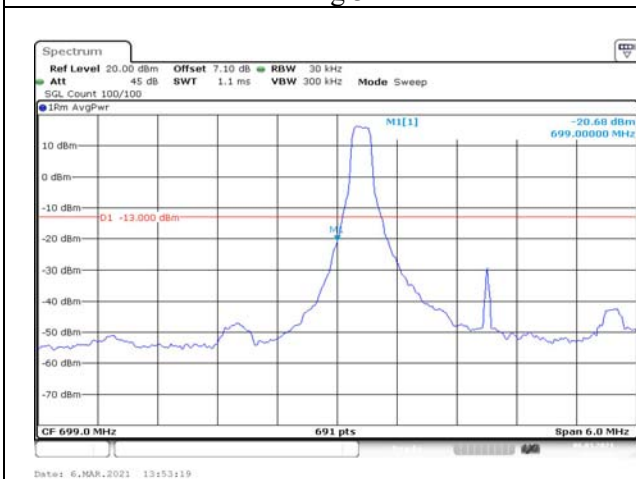


Fig.5

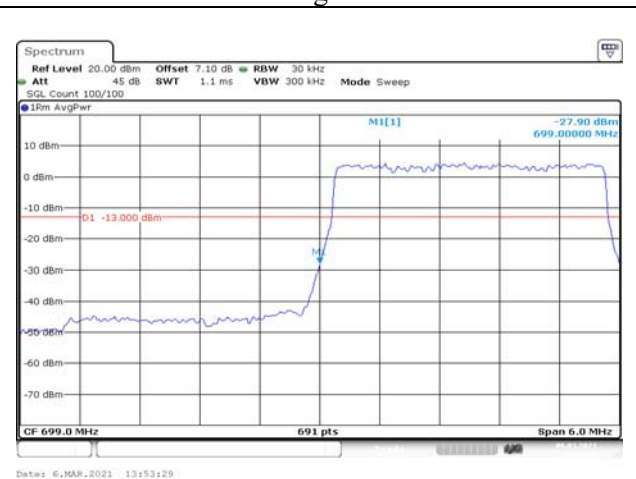
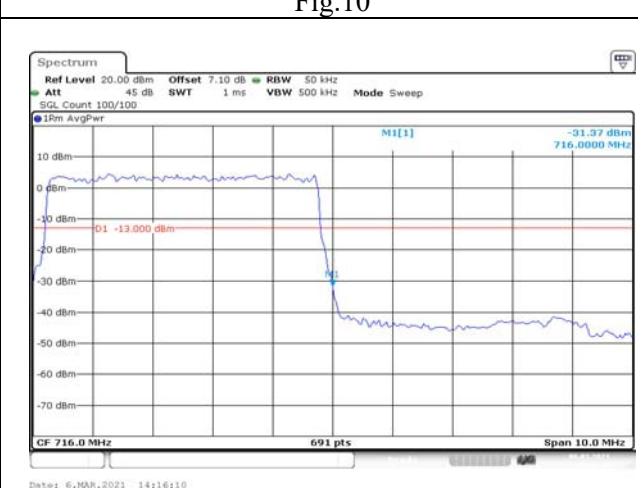
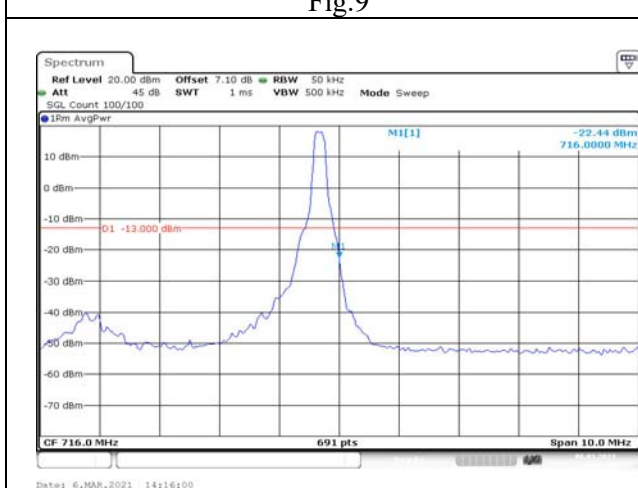
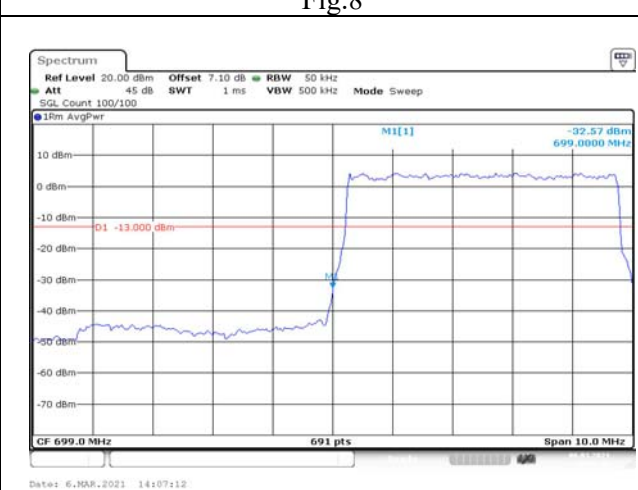
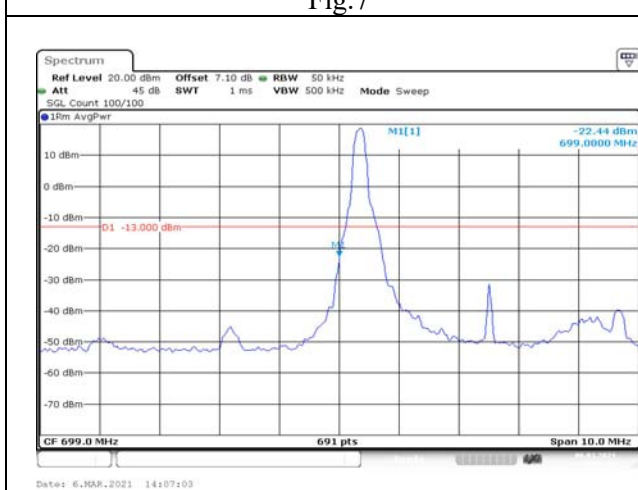
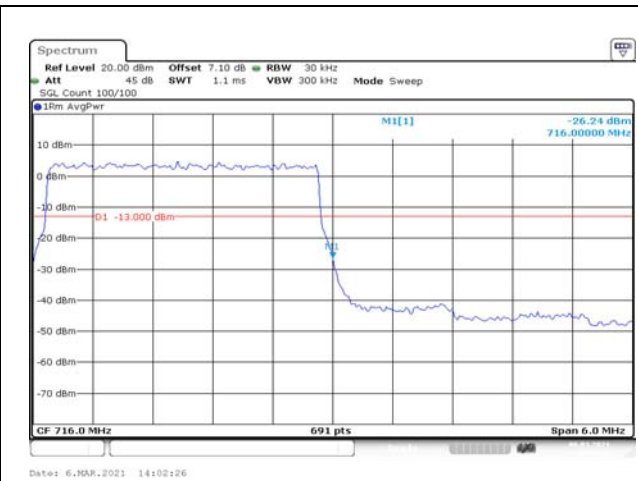
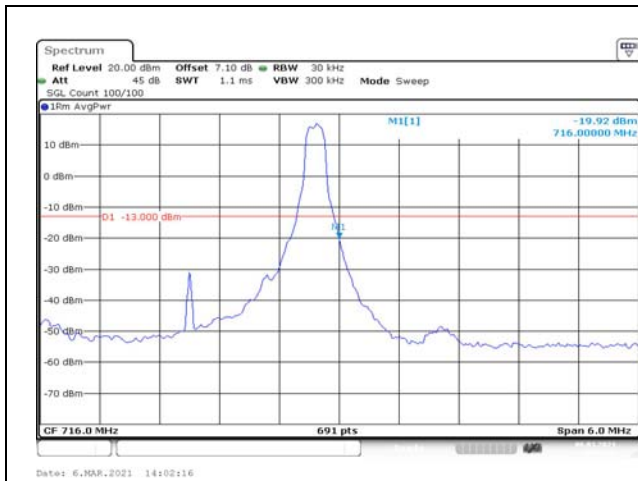
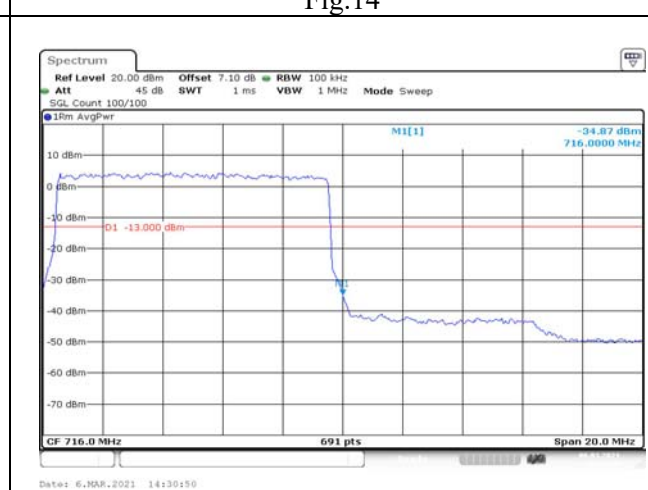
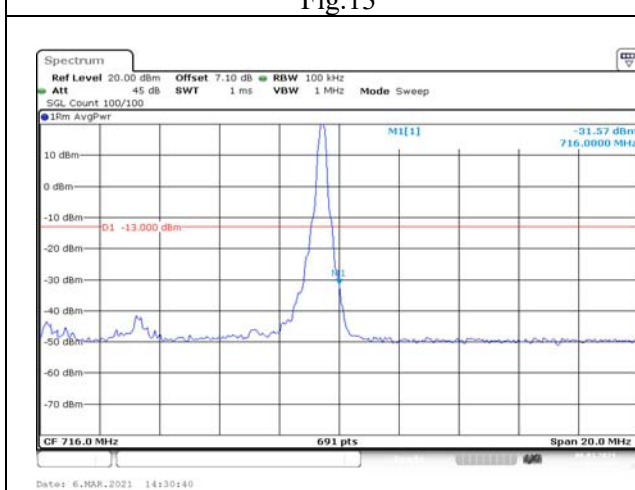
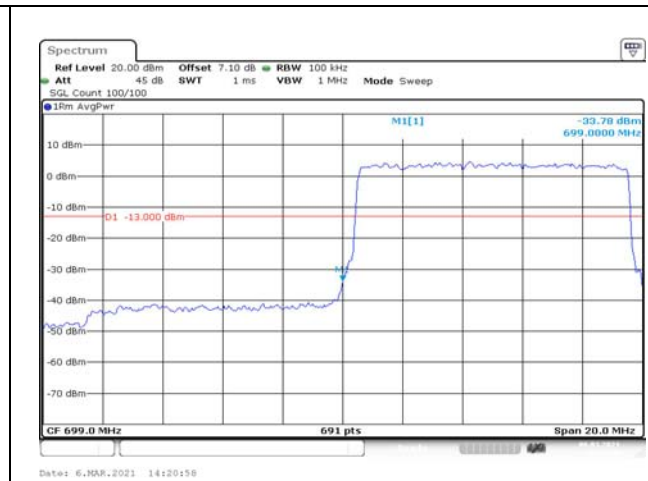
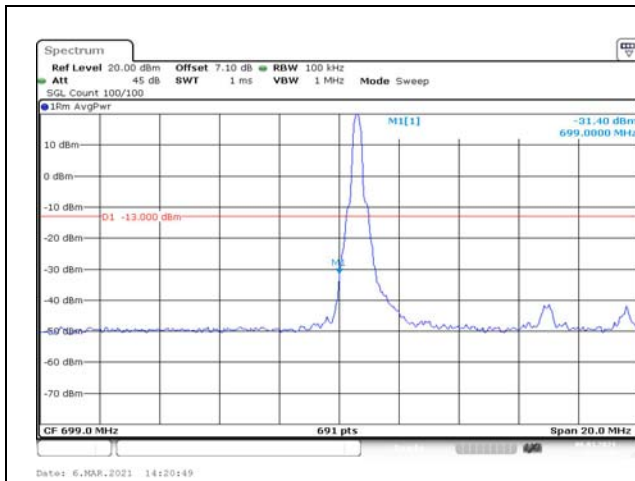


Fig.6





7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band12 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-30	NV	0.008	-0.005	-0.003	0.008	---	---
-20	NV	0.001	0.000	-0.002	0.004	---	---
-10	NV	0.002	0.001	-0.005	0.004	---	---
0	NV	-0.006	-0.001	-0.001	0.004	---	---
+10	NV	-0.030	0.004	-0.005	0.012	---	---
+20	NV	0.000	0.000	0.000	0.000	---	---
+30	NV	0.001	0.000	-0.002	0.004	---	---
+40	NV	0.003	-0.001	-0.005	0.001	---	---
+50	NV	-0.008	0.002	0.003	0.008	---	---
+20	LV	-0.018	0.000	-0.002	0.006	---	---
+20	HV	0.001	0.001	0.001	0.012	---	---

Temperature(°C)	Voltage	Test Result (ppm) Band12 High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-30	NV	0.000	0.008	0.006	0.002	---	---
-20	NV	-0.011	0.004	0.006	0.011	---	---
-10	NV	-0.009	0.004	0.008	0.004	---	---
0	NV	0.006	0.000	0.011	0.009	---	---
+10	NV	0.025	0.003	0.009	-0.003	---	---
+20	NV	0.000	0.000	0.000	0.000	---	---
+30	NV	-0.011	0.004	0.006	0.011	---	---
+40	NV	-0.014	-0.004	0.003	0.007	---	---
+50	NV	-0.024	-0.001	0.007	0.006	---	---
+20	LV	0.019	-0.002	0.009	0.003	---	---
+20	HV	0.017	0.000	0.011	0.002	---	---

8 Effective Radiated Power and Effective Isotropic Radiated Power

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)	
QPSK	699.7	23017	1.4	1	0	23.48	17.03	0.050	
				1	3	23.39	16.94	0.049	
				1	5	23.39	16.94	0.049	
				3	0	22.52	16.07	0.040	
				3	1	22.45	16.00	0.040	
				3	3	22.48	16.03	0.040	
				6	0	21.44	14.99	0.032	
	707.5	23095		1	0	23.34	16.89	0.049	
				1	3	23.44	16.99	0.050	
				1	5	23.37	16.92	0.049	
				3	0	22.33	15.88	0.039	
				3	1	22.42	15.97	0.040	
				3	3	22.38	15.93	0.039	
				6	0	21.43	14.98	0.031	
	715.3	23173		1	0	23.34	16.89	0.049	
				1	3	23.31	16.86	0.049	
				1	5	23.31	16.86	0.049	
				3	0	22.27	15.82	0.038	
				3	1	22.25	15.80	0.038	
				3	3	22.18	15.73	0.037	
				6	0	21.51	15.06	0.032	
	16QAM	699.7		23017	1	0	22.66	16.21	0.042
					1	3	22.59	16.14	0.041
					1	5	22.59	16.14	0.041
3					0	21.89	15.44	0.035	
3					1	21.94	15.49	0.035	
3					3	21.89	15.44	0.035	
6					0	20.54	14.09	0.026	
707.5		23095		1	0	22.44	15.99	0.040	
				1	3	22.45	16.00	0.040	
				1	5	22.59	16.14	0.041	
				3	0	21.44	14.99	0.032	
				3	1	21.39	14.94	0.031	
				3	3	21.53	15.08	0.032	
				6	0	20.48	14.03	0.025	
715.3		23173		1	0	22.57	16.12	0.041	
				1	3	22.45	16.00	0.040	
				1	5	22.56	16.11	0.041	
				3	0	21.55	15.10	0.032	
				3	1	21.49	15.04	0.032	
				3	3	21.49	15.04	0.032	
				6	0	20.25	13.80	0.024	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	699.7	23017	1.4	1	0	21.51	15.06	0.032
				1	3	21.55	15.10	0.032
				1	5	21.58	15.13	0.033
				3	0	20.58	14.13	0.026
				3	1	20.58	14.13	0.026
				3	3	20.52	14.07	0.026
				6	0	19.58	13.13	0.021
	707.5	23095		1	0	21.42	14.97	0.031
				1	3	21.46	15.01	0.032
				1	5	21.49	15.04	0.032
				3	0	20.49	14.04	0.025
				3	1	20.43	13.98	0.025
				3	3	20.46	14.01	0.025
				6	0	19.49	13.04	0.020
	715.3	23173		1	0	21.32	14.87	0.031
				1	3	21.25	14.80	0.030
				1	5	21.25	14.80	0.030
				3	0	20.25	13.80	0.024
				3	1	20.25	13.80	0.024
				3	3	20.32	13.87	0.024
				6	0	19.32	12.87	0.019

Modulation	Carrier frequen cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	700.5	23025	3	1	0	23.71	17.26	0.053
				1	8	23.45	17.00	0.050
				1	14	23.51	17.06	0.051
				8	0	22.60	16.15	0.041
				8	4	22.54	16.09	0.041
				8	7	22.53	16.08	0.041
	15	0		21.54	15.09	0.032		
	707.5	23095		1	0	23.48	17.03	0.050
				1	8	23.45	17.00	0.050
				1	14	23.59	17.14	0.052
				8	0	22.58	16.13	0.041
				8	4	22.50	16.05	0.040
				8	7	22.56	16.11	0.041
	15	0		21.43	14.98	0.031		
	714.5	23165		1	0	23.54	17.09	0.051
				1	8	23.47	17.02	0.050
				1	14	23.29	16.84	0.048
				8	0	22.56	16.11	0.041
				8	4	22.44	15.99	0.040
				8	7	22.48	16.03	0.040
	15	0		21.49	15.04	0.032		
16QAM	700.5	23025	1	0	23.00	16.55	0.045	
			1	8	22.96	16.51	0.045	
			1	14	22.97	16.52	0.045	
			8	0	21.76	15.31	0.034	
			8	4	21.63	15.18	0.033	
			8	7	21.84	15.39	0.035	
	15	0	20.55	14.10	0.026			
	707.5	23095	1	0	22.72	16.27	0.042	
			1	8	22.60	16.15	0.041	
			1	14	22.74	16.29	0.043	
			8	0	21.48	15.03	0.032	
			8	4	21.48	15.03	0.032	
			8	7	21.51	15.06	0.032	
	15	0	20.53	14.08	0.026			
	714.5	23165	1	0	22.74	16.29	0.043	
			1	8	22.59	16.14	0.041	
			1	14	22.28	15.83	0.038	
			8	0	21.46	15.01	0.032	
			8	4	21.62	15.17	0.033	
			8	7	21.55	15.10	0.032	
	15	0	20.54	14.09	0.026			

Modulation	Carrier frequern cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	700.5	23025	3	1	0	21.67	15.22	0.033
				1	8	21.63	15.18	0.033
				1	14	21.74	15.29	0.034
				8	0	20.67	14.22	0.026
				8	4	20.59	14.14	0.026
				8	7	20.67	14.22	0.026
				15	0	19.67	13.22	0.021
	707.5	23095		1	0	21.49	15.04	0.032
				1	8	21.49	15.04	0.032
				1	14	21.49	15.04	0.032
				8	0	20.46	14.01	0.025
				8	4	20.52	14.07	0.026
				8	7	20.49	14.04	0.025
				15	0	19.49	13.04	0.020
	714.5	23165		1	0	21.53	15.08	0.032
				1	8	21.53	15.08	0.032
				1	14	21.53	15.08	0.032
				8	0	20.53	14.08	0.026
				8	4	20.53	14.08	0.026
				8	7	20.60	14.15	0.026
				15	0	19.60	13.15	0.021

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)	
QPSK	701.5	23035	5	1	0	23.43	16.98	0.050	
				1	12	23.41	16.96	0.050	
				1	24	23.47	17.02	0.050	
				12	0	22.62	16.17	0.041	
				12	7	22.45	16.00	0.040	
				12	13	22.52	16.07	0.040	
	25	0		21.59	15.14	0.033			
	707.5	23095		1	0	23.63	17.18	0.052	
				1	12	23.46	17.01	0.050	
				1	24	23.31	16.86	0.049	
				12	0	22.58	16.13	0.041	
				12	7	22.54	16.09	0.041	
				12	13	22.50	16.05	0.040	
	25	0		21.43	14.98	0.031			
	713.5	23155		1	0	23.43	16.98	0.050	
				1	12	23.22	16.77	0.048	
				1	24	23.39	16.94	0.049	
				12	0	22.53	16.08	0.041	
				12	7	22.47	16.02	0.040	
				12	13	22.36	15.91	0.039	
	25	0		21.44	14.99	0.032			
	16QAM	701.5		23035	1	0	22.62	16.17	0.041
					1	12	22.45	16.00	0.040
					1	24	22.51	16.06	0.040
12			0		21.66	15.21	0.033		
12			7		21.49	15.04	0.032		
12			13		21.52	15.07	0.032		
25		0	20.55	14.10	0.026				
707.5		23095	1	0	22.64	16.19	0.042		
			1	12	22.63	16.18	0.041		
			1	24	22.63	16.18	0.041		
			12	0	21.54	15.09	0.032		
			12	7	21.56	15.11	0.032		
			12	13	21.52	15.07	0.032		
25		0	20.55	14.10	0.026				
713.5		23155	1	0	22.38	15.93	0.039		
			1	12	22.39	15.94	0.039		
			1	24	22.53	16.08	0.041		
			12	0	21.53	15.08	0.032		
			12	7	21.52	15.07	0.032		
			12	13	21.52	15.07	0.032		
25		0	20.48	14.03	0.025				

Modulation	Carrier frequern cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	701.5	23035	5	1	0	21.54	15.09	0.032
				1	12	21.57	15.12	0.033
				1	24	21.58	15.13	0.033
				12	0	20.57	14.12	0.026
				12	7	20.54	14.09	0.026
				12	13	20.39	13.94	0.025
				25	0	19.61	13.16	0.021
	707.5	23095		1	0	21.54	15.09	0.032
				1	12	21.42	14.97	0.031
				1	24	21.55	15.10	0.032
				12	0	20.45	14.00	0.025
				12	7	20.41	13.96	0.025
				12	13	20.47	14.02	0.025
				25	0	19.52	13.07	0.020
	713.5	23155		1	0	21.48	15.03	0.032
				1	12	21.42	14.97	0.031
				1	24	21.49	15.04	0.032
				12	0	20.59	14.14	0.026
				12	7	20.48	14.03	0.025
				12	13	20.42	13.97	0.025
				25	0	19.48	13.03	0.020

Modulation	Carrier frequerncy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)	
QPSK	701.5	23035	10	1	0	23.40	16.95	0.050	
				1	25	23.45	17.00	0.050	
				1	49	23.21	16.76	0.047	
				25	0	22.56	16.11	0.041	
				25	12	22.53	16.08	0.041	
				25	25	22.53	16.08	0.041	
	50	0		21.48	15.03	0.032			
	707.5	23095		1	0	23.41	16.96	0.050	
				1	25	23.47	17.02	0.050	
				1	49	23.39	16.94	0.049	
				25	0	22.59	16.14	0.041	
				25	12	22.60	16.15	0.041	
				25	25	22.50	16.05	0.040	
	50	0		21.54	15.09	0.032			
	713.5	23155		1	0	23.38	16.93	0.049	
				1	25	23.41	16.96	0.050	
				1	49	23.42	16.97	0.050	
				25	0	22.52	16.07	0.040	
				25	12	22.45	16.00	0.040	
				25	25	22.37	15.92	0.039	
	16QAM	704		23060	50	0	21.45	15.00	0.032
					1	0	22.95	16.50	0.045
					1	25	22.86	16.41	0.044
					1	49	22.78	16.33	0.043
25					0	21.67	15.22	0.033	
25					12	21.66	15.21	0.033	
25		25		21.59	15.14	0.033			
50		0		20.60	14.15	0.026			
707.5		23095		1	0	22.92	16.47	0.044	
				1	25	22.87	16.42	0.044	
				1	49	22.78	16.33	0.043	
				25	0	21.66	15.21	0.033	
				25	12	21.67	15.22	0.033	
				25	25	21.61	15.16	0.033	
50		0		20.59	14.14	0.026			
711		23130		1	0	22.77	16.32	0.043	
				1	25	22.54	16.09	0.041	
				1	49	22.74	16.29	0.043	
				25	0	21.58	15.13	0.033	
				25	12	21.60	15.15	0.033	
				25	25	21.60	15.15	0.033	
50		0		20.66	14.21	0.026			

Modulation	Carrier frequern cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	704	23060	10	1	0	21.64	15.19	0.033
				1	25	21.67	15.22	0.033
				1	49	21.61	15.16	0.033
				25	0	20.66	14.21	0.026
				25	12	20.73	14.28	0.027
				25	25	20.70	14.25	0.027
				50	0	19.63	13.18	0.021
	707.5	23095		1	0	21.56	15.11	0.032
				1	25	21.62	15.17	0.033
				1	49	21.59	15.14	0.033
				25	0	20.52	14.07	0.026
				25	12	20.55	14.10	0.026
				25	25	20.59	14.14	0.026
				50	0	19.58	13.13	0.021
	711	23130		1	0	21.63	15.18	0.033
				1	25	21.66	15.21	0.033
				1	49	21.66	15.21	0.033
				25	0	20.67	14.22	0.026
				25	12	20.66	14.21	0.026
				25	25	20.67	14.22	0.026
				50	0	19.66	13.21	0.021