

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

**LTE Band 41
1 RF Power Output**

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	
QPSK	2498.5	39675	5	1	0	21.35	
				1	12	21.40	
				1	24	21.43	
				12	0	20.48	
				12	7	20.44	
				12	13	20.45	
	25	0		20.44			
	1	0		22.67			
	1	12		22.79			
	1	24		22.80			
	12	0		21.76			
	12	7		21.74			
	12	13		21.69			
	25	0		21.71			
	1	0		21.74			
	1	12		21.71			
	1	24		21.83			
	12	0		20.78			
	12	7		20.92			
	12	13		20.82			
	25	0		20.83			
	16QAM	2498.5		39675	1	0	20.82
					1	12	20.69
					1	24	20.80
12			0		19.42		
12			7		19.48		
12			13		19.47		
25		0	19.44				
1		0	22.09				
1		12	22.16				
1		24	22.20				
12		0	20.83				
12		7	20.80				
12		13	20.74				
25		0	20.83				
1		0	20.99				
1		12	21.11				
1		24	21.03				
12		0	19.76				
12		7	19.80				
12		13	19.82				
25		0	19.89				

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	2498.5	39675	5	1	0	19.78
				1	12	19.72
				1	24	19.72
				12	0	18.54
				12	7	18.62
				12	13	18.52
				25	0	18.47
	2593	40620		1	0	21.05
				1	12	21.01
				1	24	21.16
				12	0	19.93
				12	7	19.84
				12	13	19.84
				25	0	19.78
	2687.5	41565		1	0	19.96
				1	12	19.85
				1	24	19.92
				12	0	18.84
				12	7	18.86
				12	13	18.76
				25	0	18.78

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2501	39700	10	1	0	21.37
				1	25	21.29
				1	49	21.20
				25	0	20.44
				25	12	20.32
				25	25	20.30
	2593	40620		50	0	20.38
				1	0	22.65
				1	25	22.65
				1	49	22.64
				25	0	21.78
				25	12	21.75
	2685	41540		25	25	21.77
				50	0	21.77
				1	0	21.53
				1	25	21.55
				1	49	21.59
				25	0	20.80
16QAM	2501	39700	25	12	20.88	
			25	25	20.78	
			50	0	20.87	
			1	0	20.73	
			1	25	20.59	
			1	49	20.83	
	2593	40620	25	0	19.47	
			25	12	19.39	
			25	25	19.38	
			50	0	19.38	
			1	0	21.88	
			1	25	22.00	
	2685	41540	1	49	21.93	
			25	0	20.75	
			25	12	20.77	
			25	25	20.87	
			50	0	20.75	
			1	0	21.28	
			1	25	21.15	
			1	49	21.14	
			25	0	19.79	
			25	12	19.69	
			25	25	19.84	
			50	0	19.92	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	2501	39700	10	1	0	19.79
				1	25	19.44
				1	49	19.42
				25	0	18.38
				25	12	18.42
				25	25	18.39
				50	0	18.39
	2593	40620		1	0	21.27
				1	25	20.84
				1	49	20.85
				25	0	19.72
				25	12	19.65
				25	25	19.73
				50	0	19.77
	2685	41540		1	0	20.14
				1	25	20.07
				1	49	20.10
				25	0	18.84
				25	12	18.83
				25	25	18.86
				50	0	18.85

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2503.5	39725	15	1	0	21.17
				1	37	21.02
				1	74	21.07
				36	0	20.24
				36	29	20.17
				36	30	20.11
	2593	40620		75	0	20.17
				1	0	22.44
				1	37	22.40
				1	74	22.50
				36	0	21.63
				36	29	21.61
	2682.5	41515		36	30	21.61
				75	0	21.60
				1	0	21.55
1			37	21.52		
1			74	21.51		
36			0	20.68		
16QAM	2503.5	39725	36	29	20.61	
			36	30	20.64	
			75	0	20.64	
			1	0	20.42	
			1	37	20.38	
			1	74	20.33	
	2593	40620	36	0	19.25	
			36	29	19.13	
			36	30	19.20	
			75	0	19.11	
			1	0	21.87	
			1	37	21.89	
	2682.5	41515	1	74	22.00	
			36	0	20.60	
			36	29	20.63	
36			30	20.61		
75			0	20.59		
1			0	20.89		
			1	37	20.82	
			1	74	20.87	
			36	0	19.67	
			36	29	19.66	
			36	30	19.60	
			75	0	19.72	

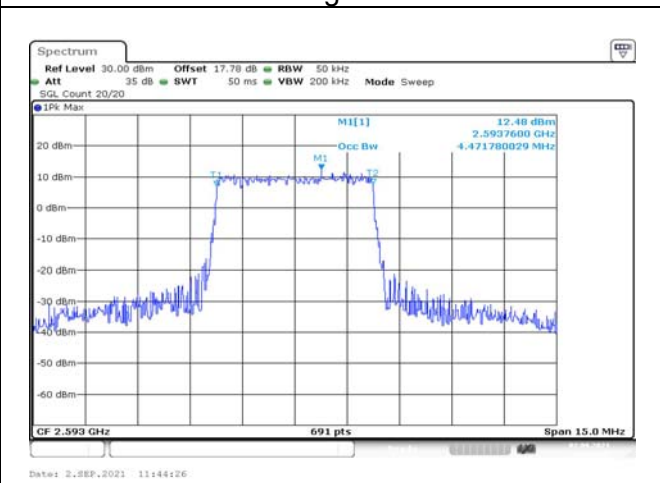
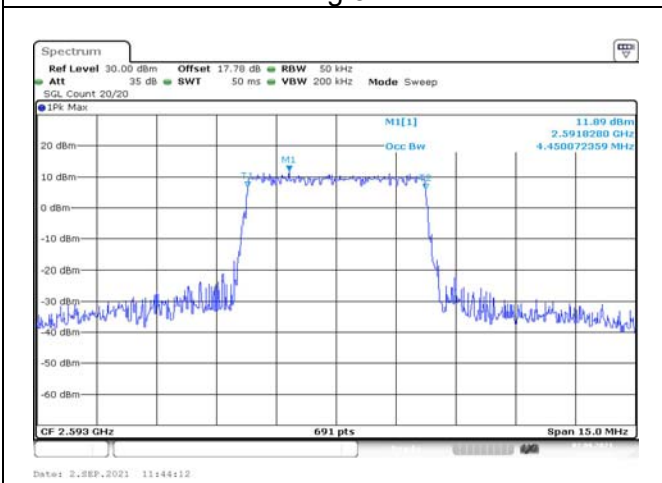
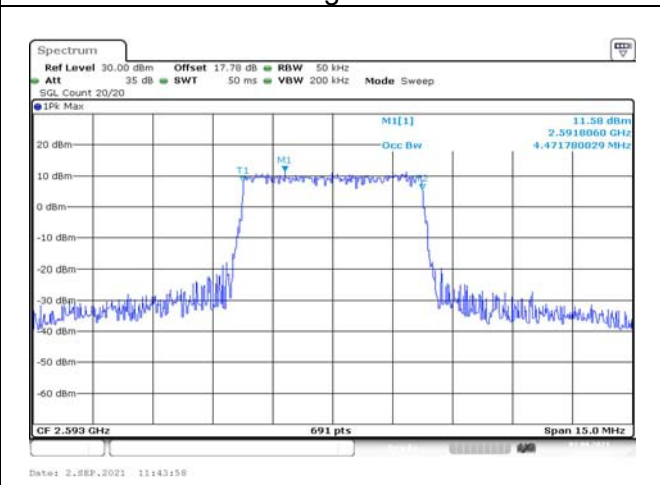
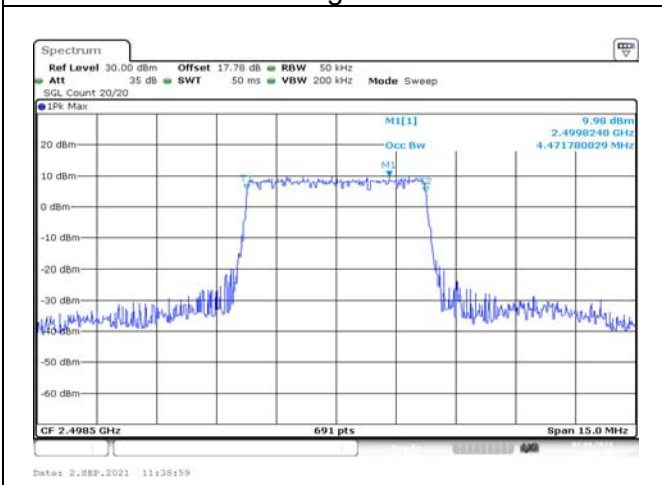
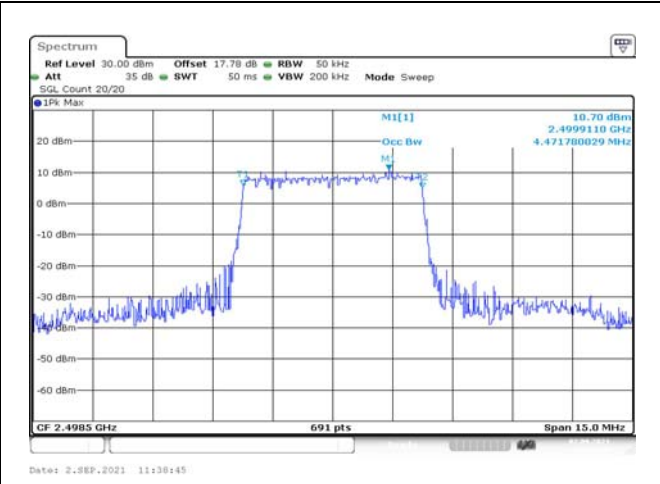
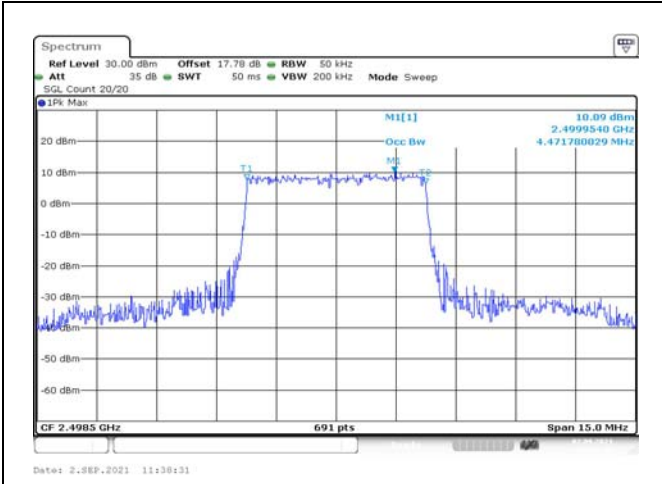
Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	2503.5	39725	15	1	0	19.41
				1	37	19.32
				1	74	19.23
				36	0	18.24
				36	29	18.22
				36	30	18.17
				75	0	18.22
	2593	40620		1	0	20.80
				1	37	20.78
				1	74	20.78
				36	0	19.63
				36	29	19.57
				36	30	19.56
				75	0	19.61
	2682.5	41515		1	0	19.96
				1	37	19.74
				1	74	19.80
				36	0	18.78
				36	29	18.67
				36	30	18.67
				75	0	18.72

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2506	39750	20	1	0	21.09
				1	49	21.04
				1	99	21.05
				50	0	20.25
				50	24	20.22
				50	50	20.15
	2593	40620		100	0	20.15
				1	0	22.52
				1	49	22.46
				1	99	22.70
				50	0	21.62
				50	24	21.59
	2680	41490		50	50	21.63
				100	0	21.58
				1	0	21.64
				1	49	21.48
				1	99	21.63
				50	0	20.70
16QAM	2506	39750	50	24	20.74	
			50	50	20.63	
			100	0	20.69	
			1	0	20.39	
			1	49	20.32	
			1	99	20.43	
	2593	40620	50	0	19.22	
			50	24	19.17	
			50	50	19.15	
			100	0	19.14	
			1	0	21.94	
			1	49	21.88	
	2680	41490	1	99	22.10	
			50	0	20.63	
			50	24	20.63	
			50	50	20.65	
			100	0	20.65	
			1	0	20.56	
			1	49	20.44	
			1	99	20.56	
			50	0	19.74	
			50	24	19.77	
			50	50	19.63	
			100	0	19.80	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	2506	39750	20	1	0	19.26
				1	49	19.23
				1	99	19.14
				50	0	18.15
				50	24	18.18
				50	50	18.13
				100	0	18.18
	2593	40620		1	0	20.71
				1	49	20.56
				1	99	20.78
				50	0	19.64
				50	24	19.64
				50	50	19.66
				100	0	19.60
	2680	41490		1	0	19.73
				1	49	19.78
				1	99	19.75
				50	0	18.82
				50	24	18.83
				50	50	18.70
				100	0	18.80

2 Occupied Bandwidth

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)					
						QPSK		16-QAM		64-QAM	
41	2498.5	39675	5	25	0	4.472	Fig.1	4.472	Fig.2	4.472	Fig.3
	2593	40620		25	0	4.472	Fig.4	4.450	Fig.5	4.472	Fig.6
	2687.5	41565		25	0	4.472	Fig.7	4.472	Fig.8	4.472	Fig.9
	2501	39700	10	50	0	8.944	Fig.10	8.944	Fig.11	8.944	Fig.12
	2593	40620		50	0	8.944	Fig.13	8.944	Fig.14	8.987	Fig.15
	2685	41540		50	0	8.944	Fig.16	8.944	Fig.17	8.944	Fig.18
	2503.5	39725	15	75	0	13.415	Fig.19	13.415	Fig.20	13.350	Fig.21
	2593	40620		75	0	13.415	Fig.22	13.415	Fig.23	13.415	Fig.24
	2682.5	41515		75	0	13.415	Fig.25	13.415	Fig.26	13.415	Fig.27
	2506	39750	20	100	0	17.800	Fig.28	17.800	Fig.29	17.887	Fig.30
	2593	40620		100	0	17.800	Fig.31	17.887	Fig.32	17.887	Fig.33
	2680	41490		100	0	17.887	Fig.34	17.887	Fig.35	17.887	Fig.36



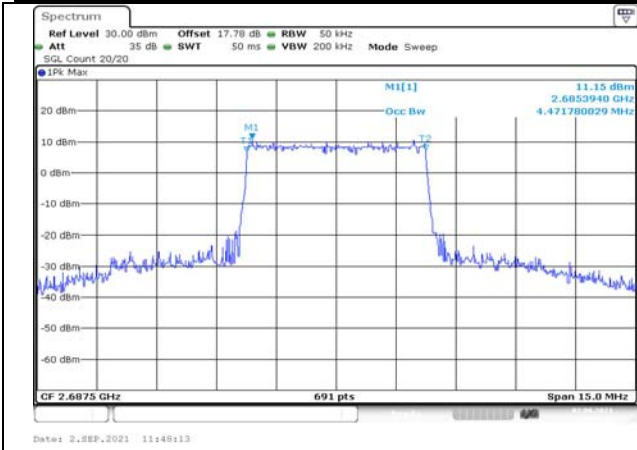


Fig.7

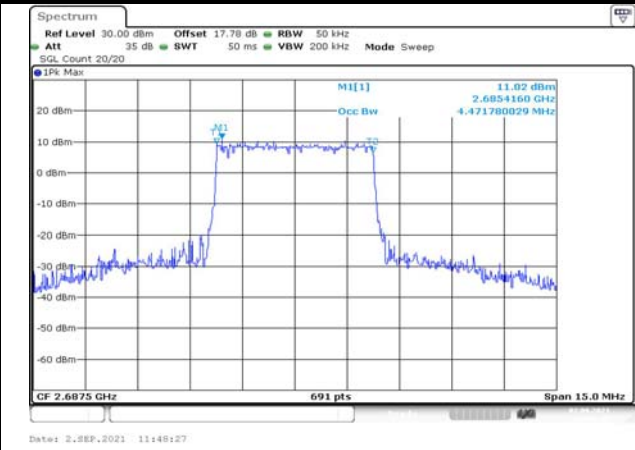


Fig.8

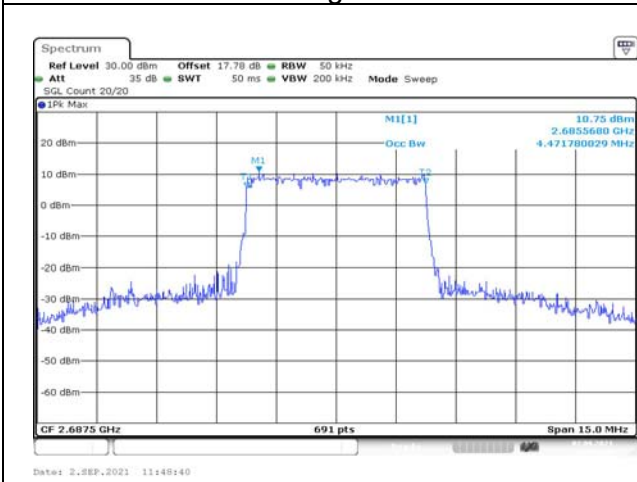


Fig.9

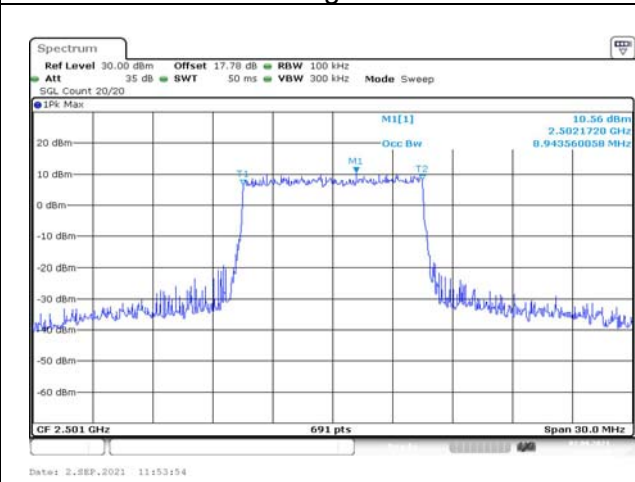


Fig.10

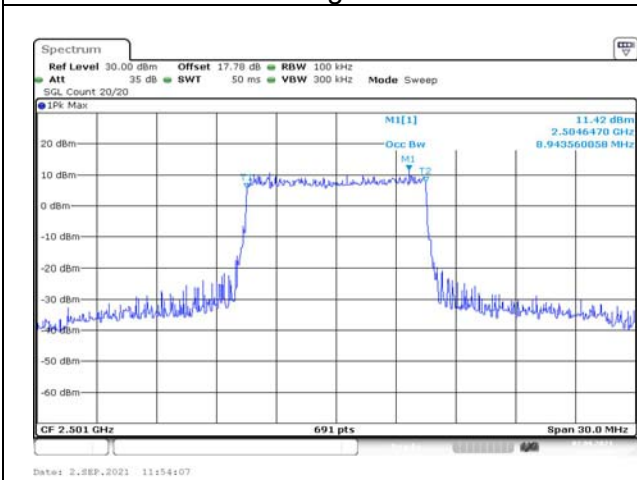


Fig.11

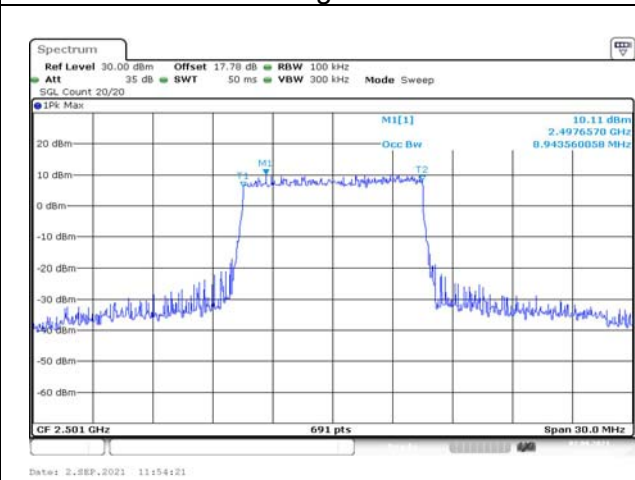


Fig.12

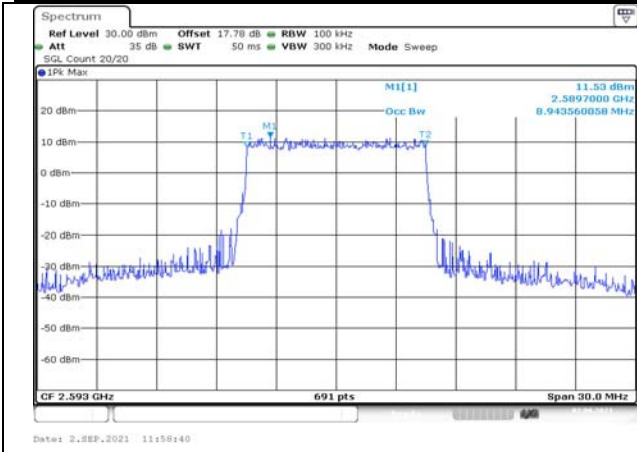


Fig.13

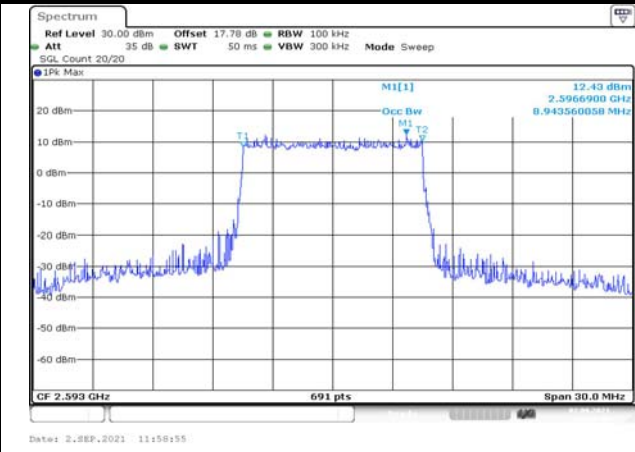


Fig.14

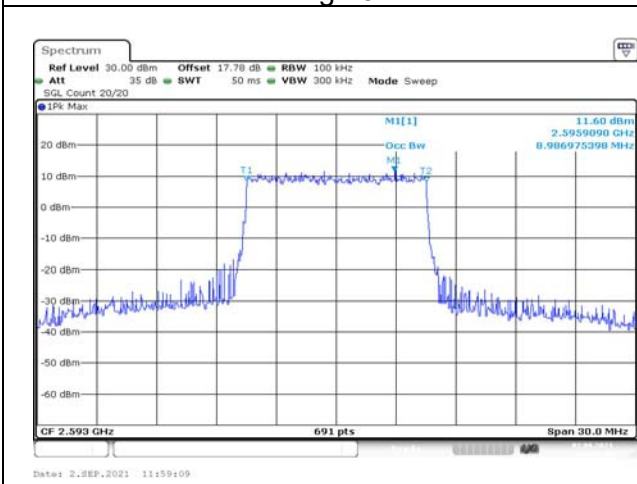


Fig.15

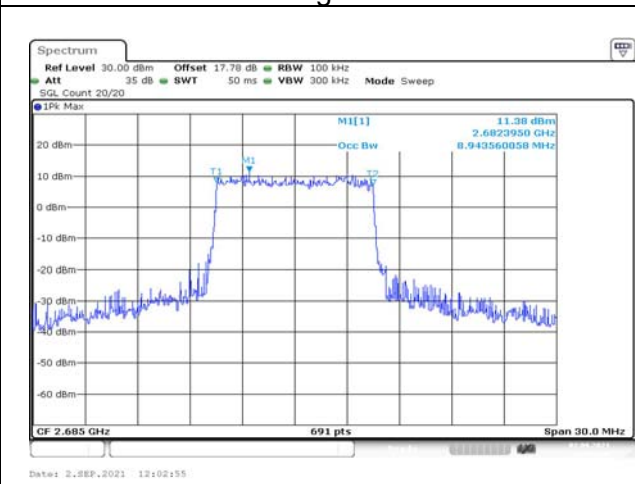


Fig.16

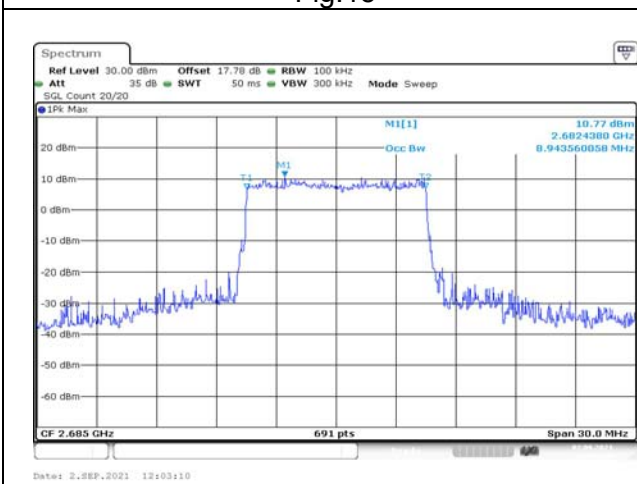


Fig.17

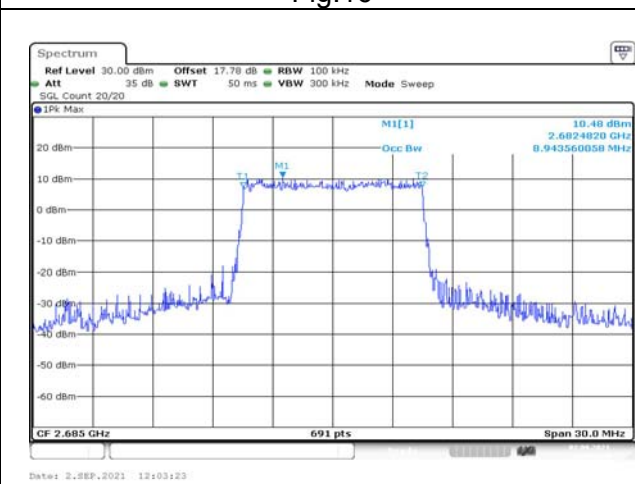


Fig.18

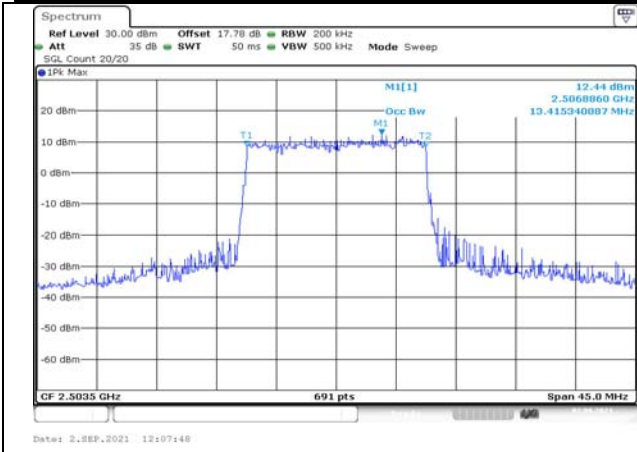


Fig.19

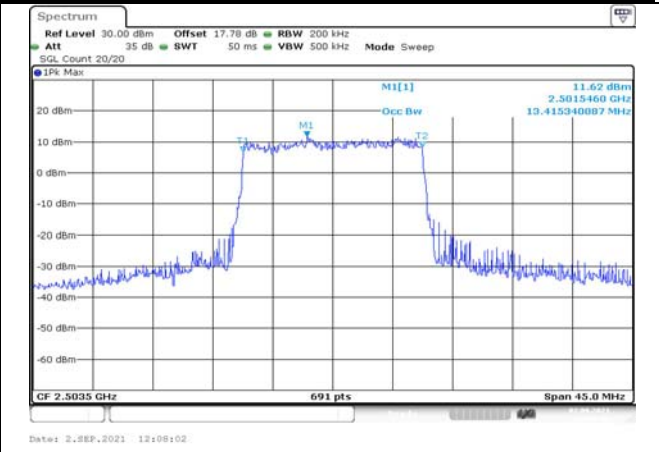


Fig.20

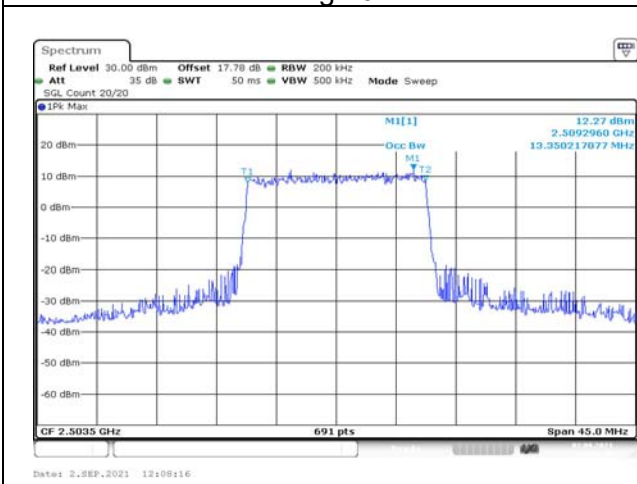


Fig.21

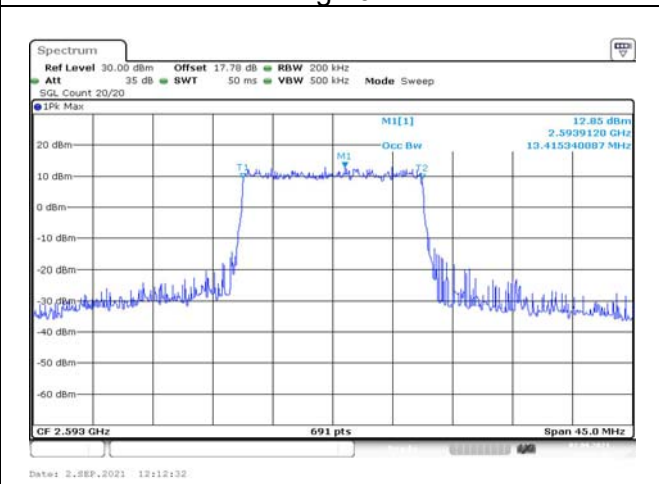


Fig.22

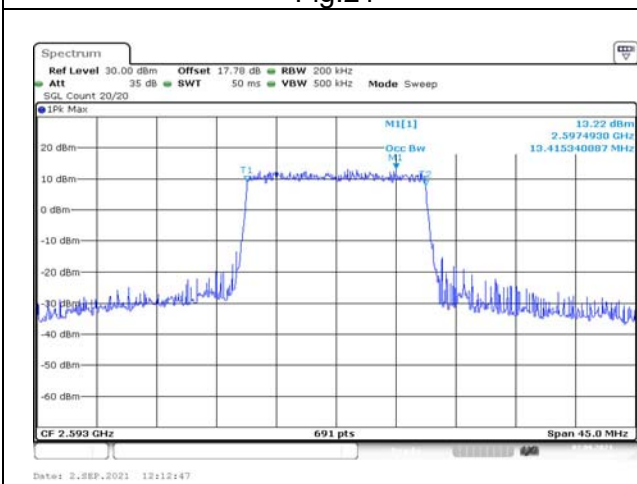


Fig.23

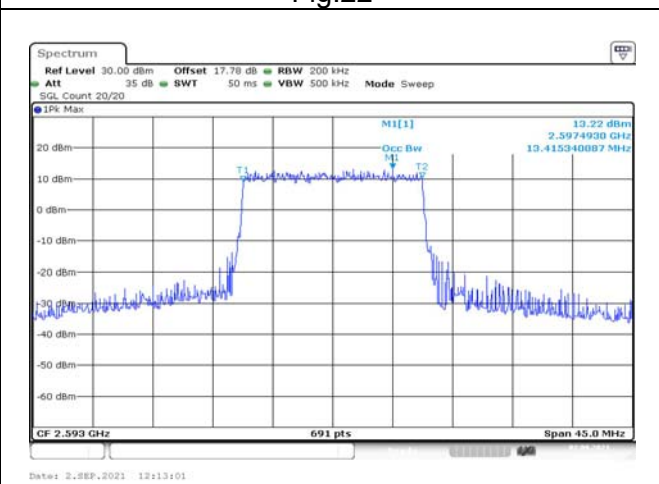


Fig.24

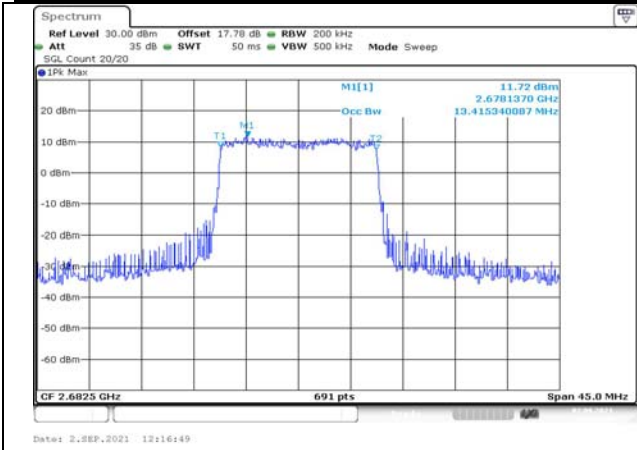


Fig.25

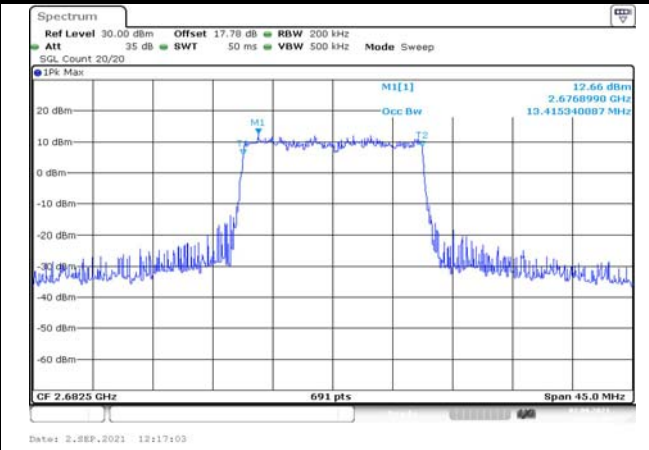


Fig.26

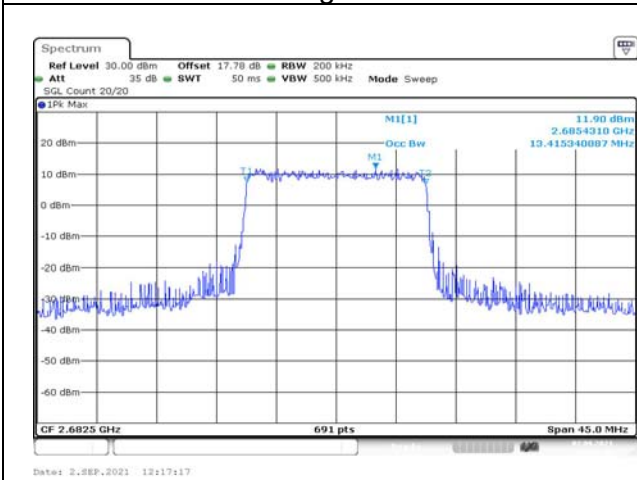


Fig.27

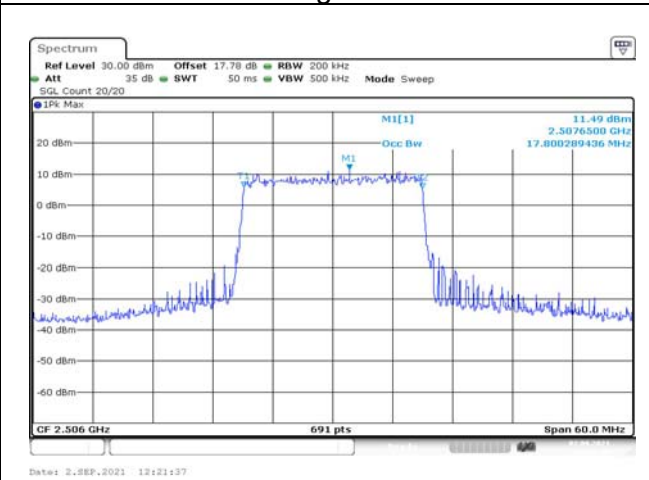


Fig.28

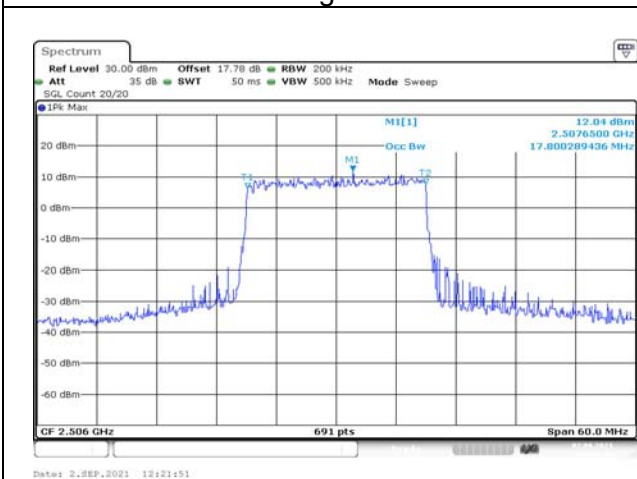


Fig.29

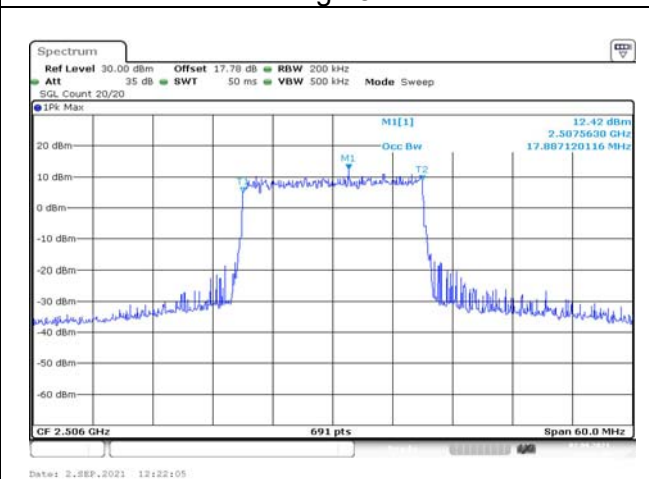


Fig.30

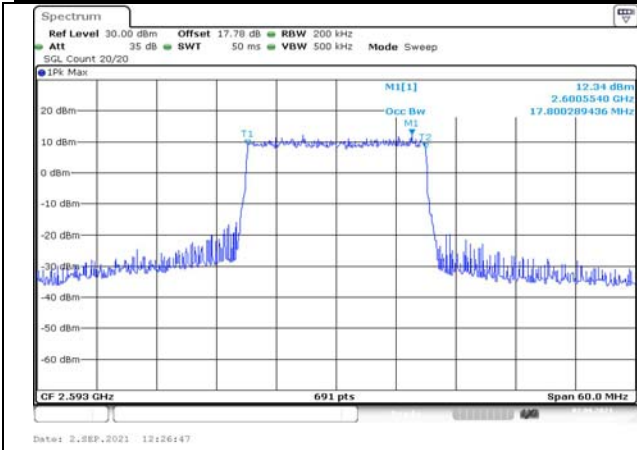


Fig.31

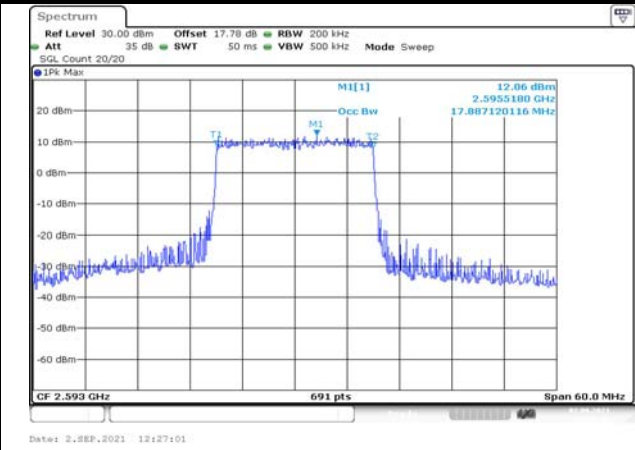


Fig.32

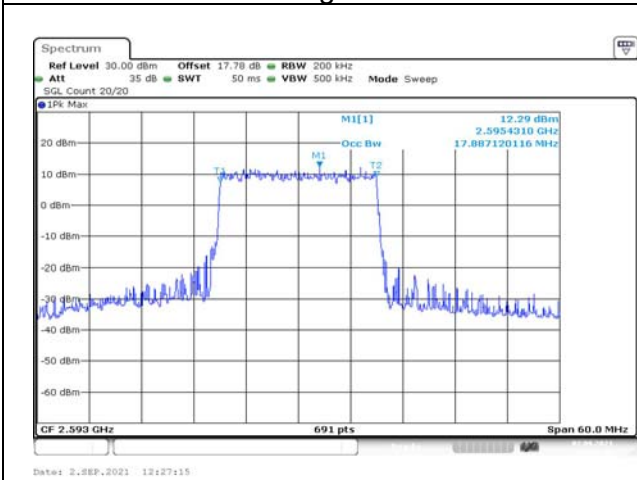


Fig.33

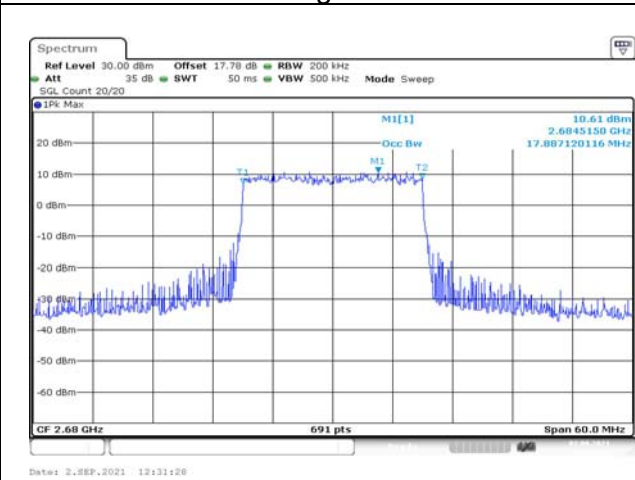


Fig.34

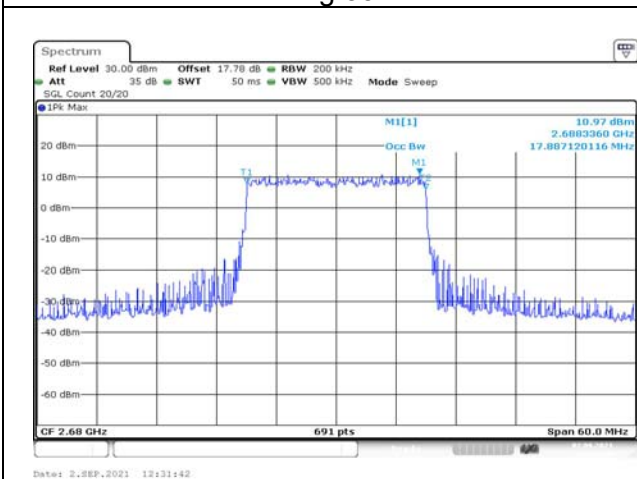


Fig.35

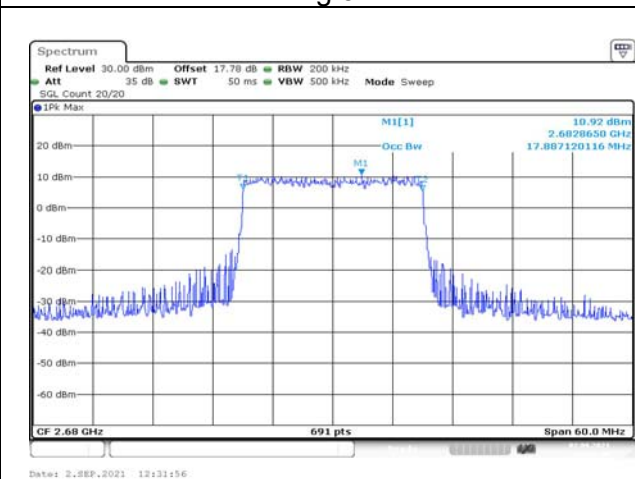


Fig.36

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	
41	2498.5	39675	5	25	0	4.841	Fig.1	4.797	Fig.2	4.797	Fig.3
	2593	40620		25	0	4.863	Fig.4	4.841	Fig.5	4.884	Fig.6
	2687.5	41565		25	0	4.797	Fig.7	4.797	Fig.8	4.797	Fig.9
	2501	39700	10	50	0	9.508	Fig.10	9.551	Fig.11	9.508	Fig.12
	2593	40620		50	0	9.595	Fig.13	9.551	Fig.14	9.551	Fig.15
	2685	41540		50	0	2.475	Fig.16	9.508	Fig.17	2.388	Fig.18
	2503.5	39725	15	75	0	14.457	Fig.19	14.197	Fig.20	14.132	Fig.21
	2593	40620		75	0	14.327	Fig.22	14.392	Fig.23	14.457	Fig.24
	2682.5	41515		75	0	14.522	Fig.25	14.522	Fig.26	14.457	Fig.27
	2506	39750	20	100	0	18.842	Fig.28	19.190	Fig.29	19.016	Fig.30
	2593	40620		100	0	19.103	Fig.31	19.190	Fig.32	19.190	Fig.33
	2680	41490		100	0	19.190	Fig.34	19.190	Fig.35	18.929	Fig.36

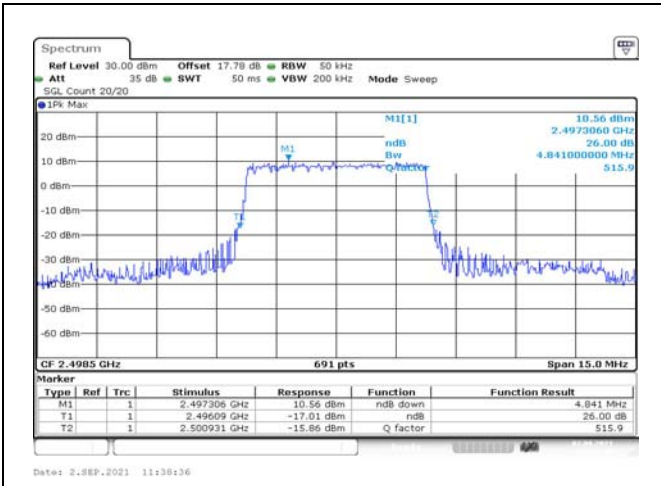


Fig.1

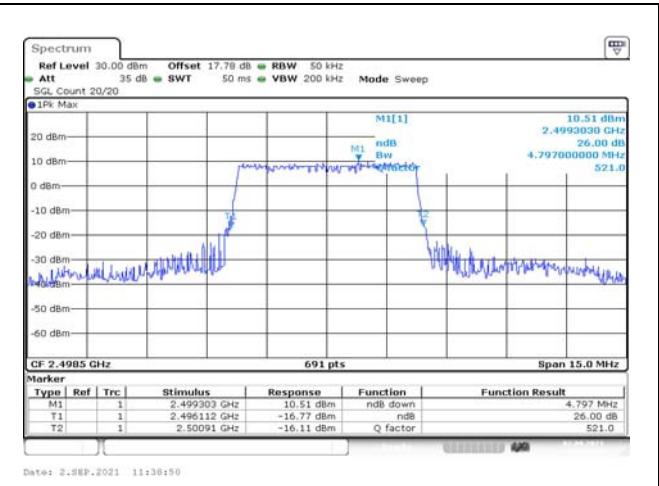


Fig.2

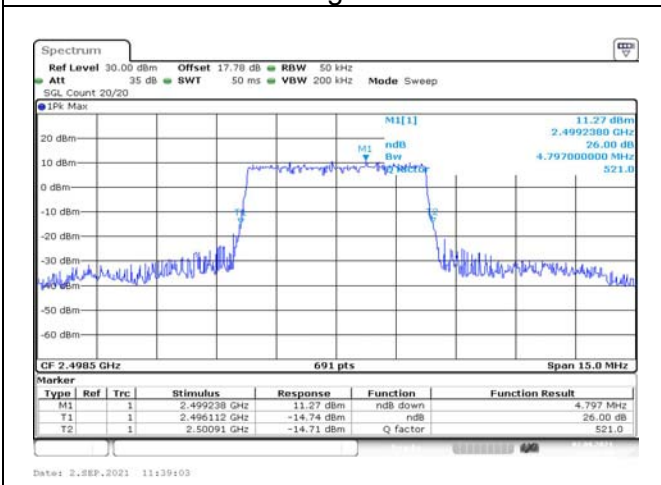


Fig.3

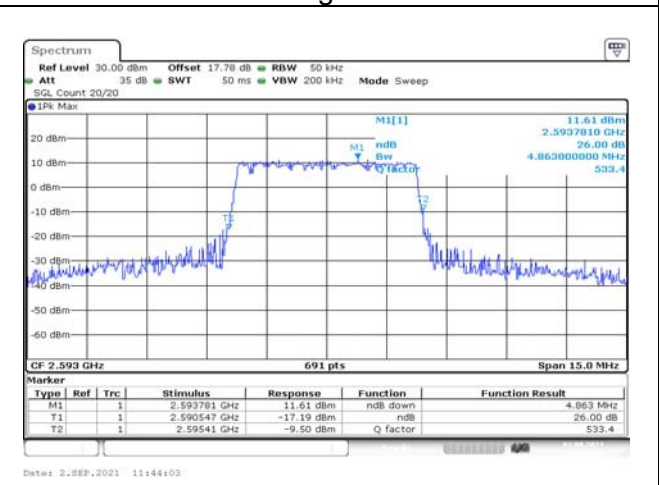


Fig.4

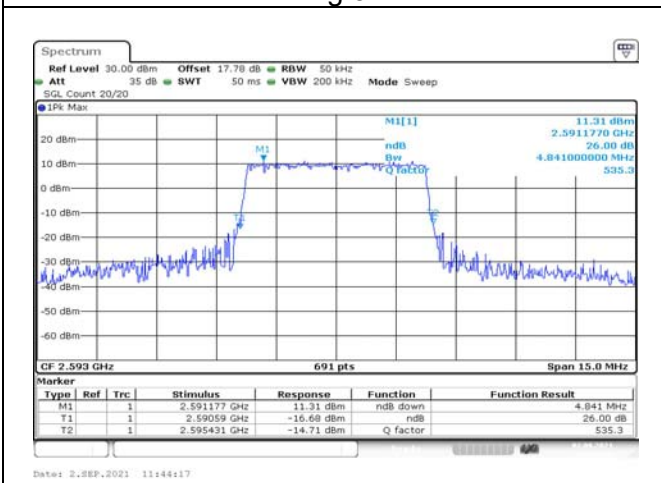


Fig.5

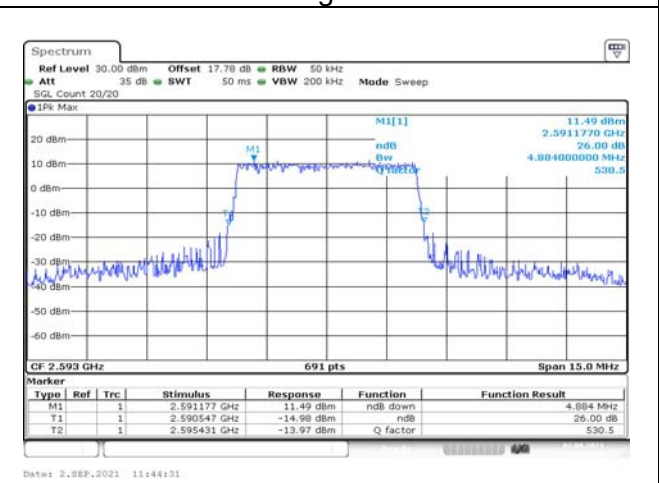


Fig.6

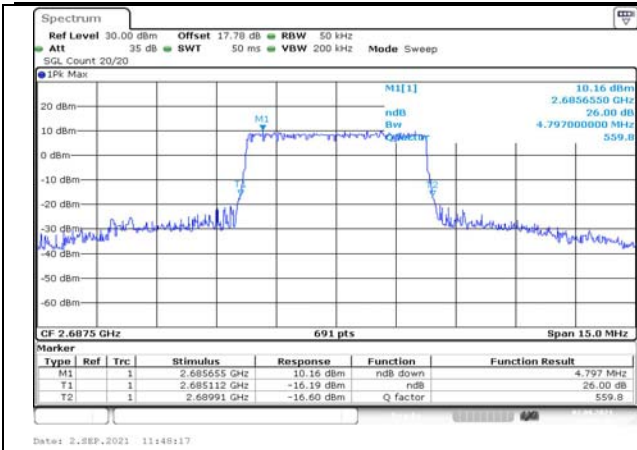


Fig.7

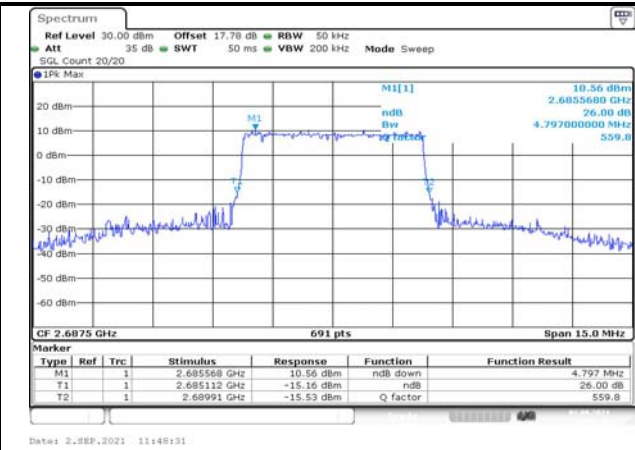


Fig.8

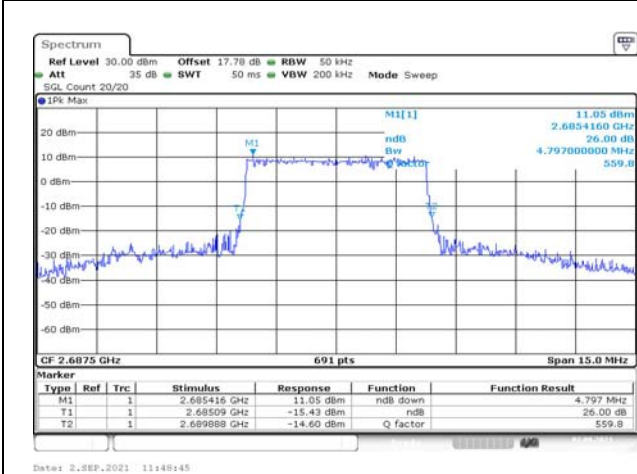


Fig.9

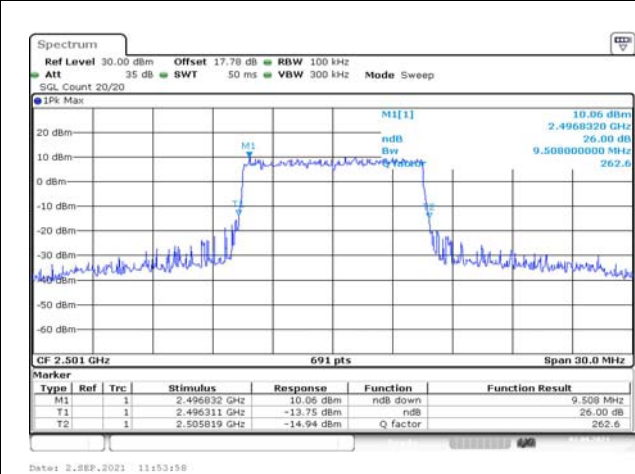


Fig.10

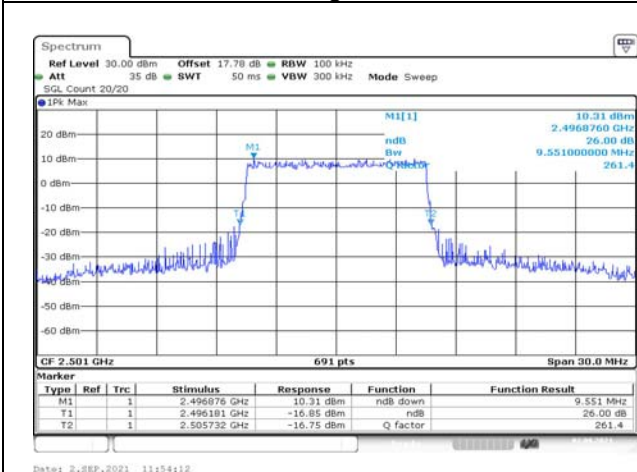


Fig.11

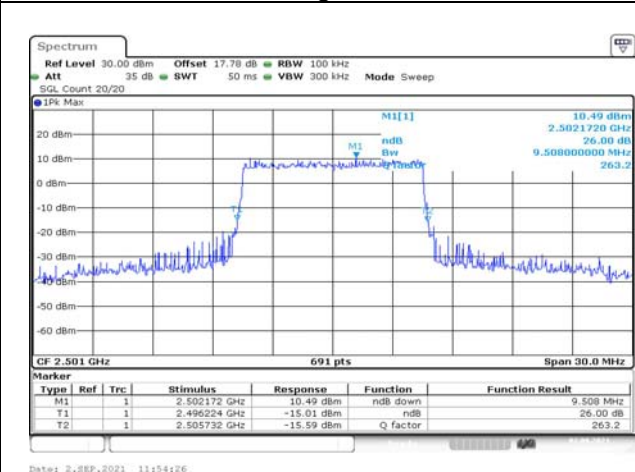


Fig.12

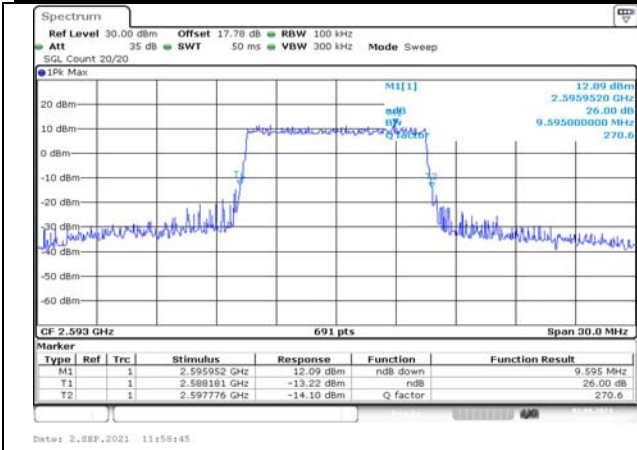


Fig.13

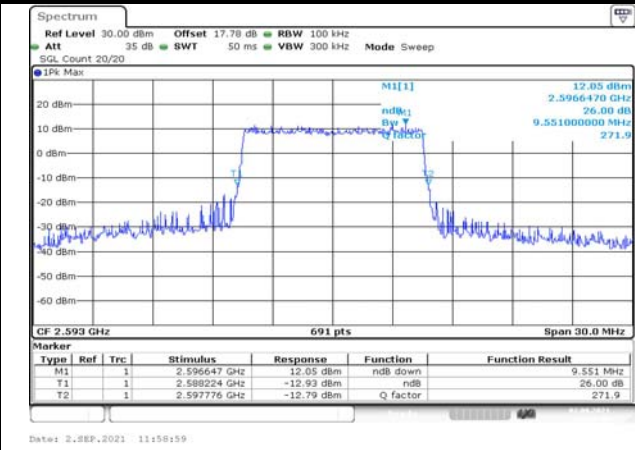


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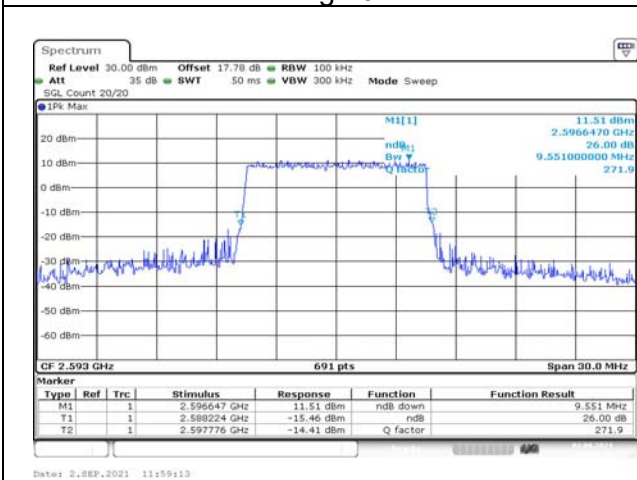


Fig.15

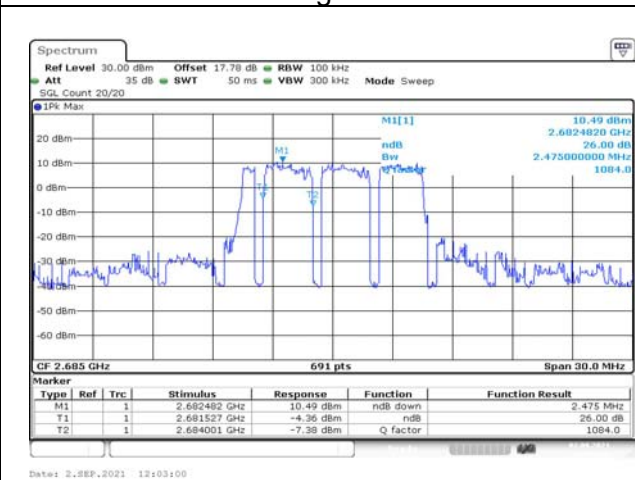


Fig.16

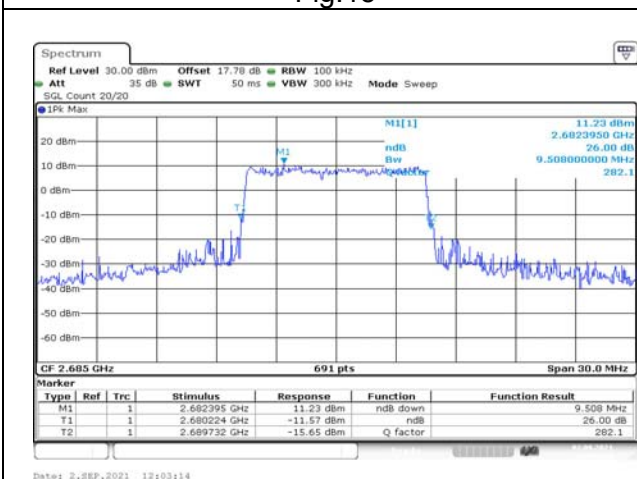


Fig.17

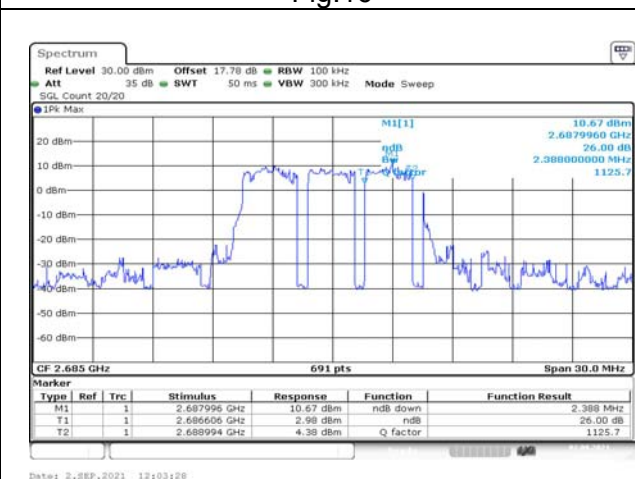


Fig.18

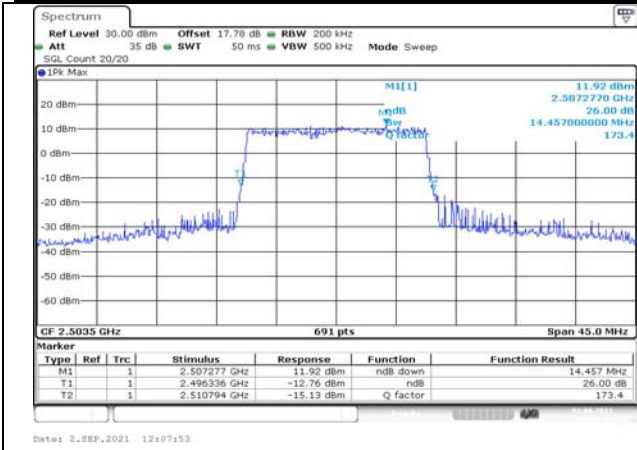


Fig.19

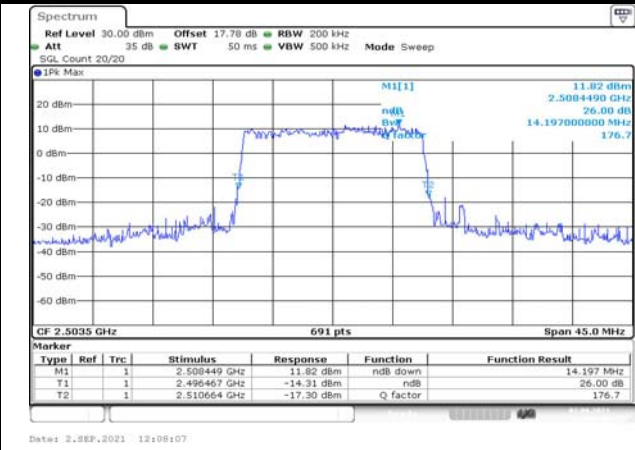


Fig.20

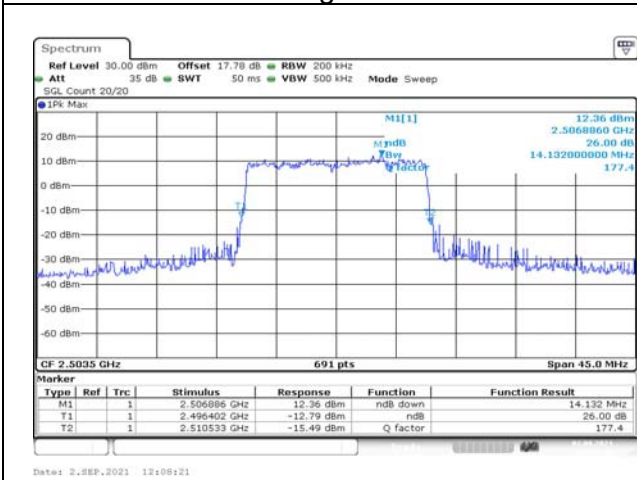


Fig.21

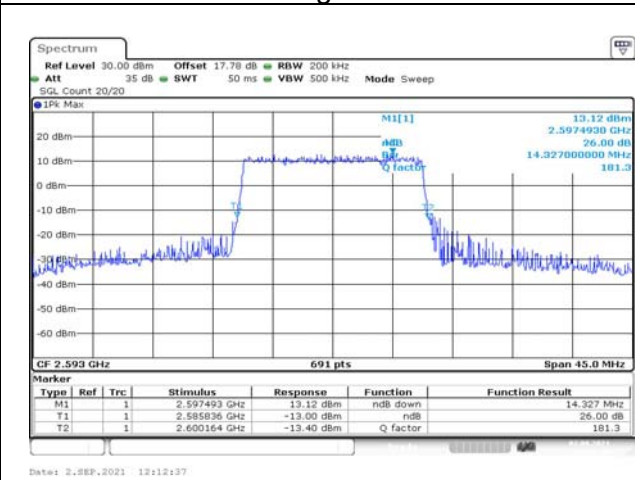


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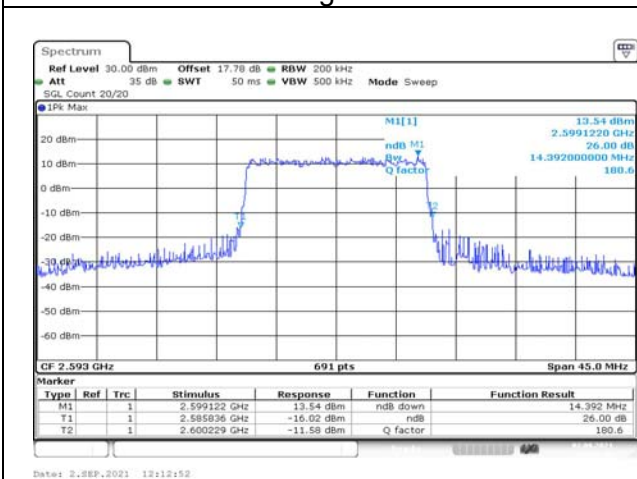


Fig.23

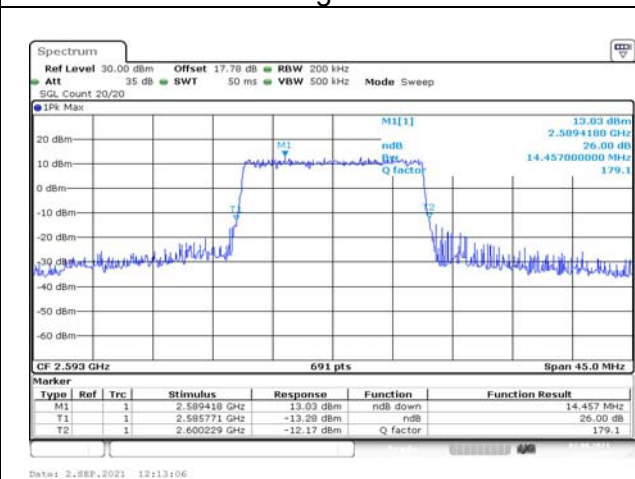


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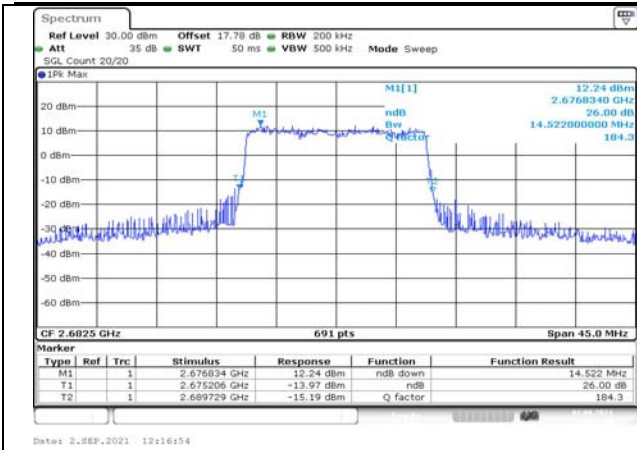


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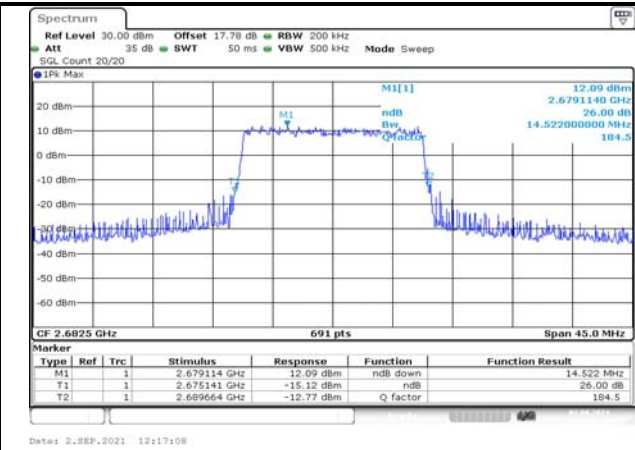


Fig.26

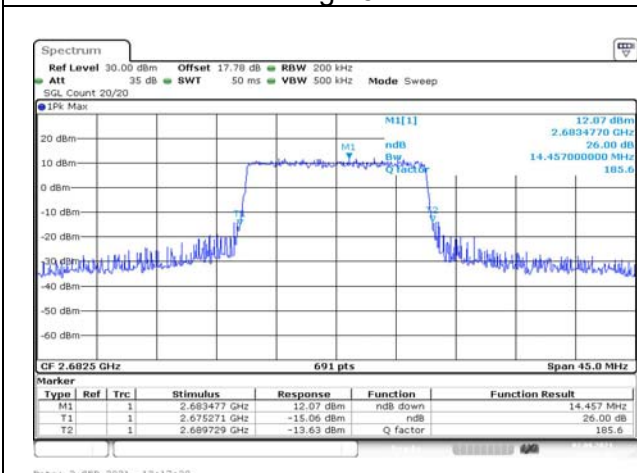


Fig.27

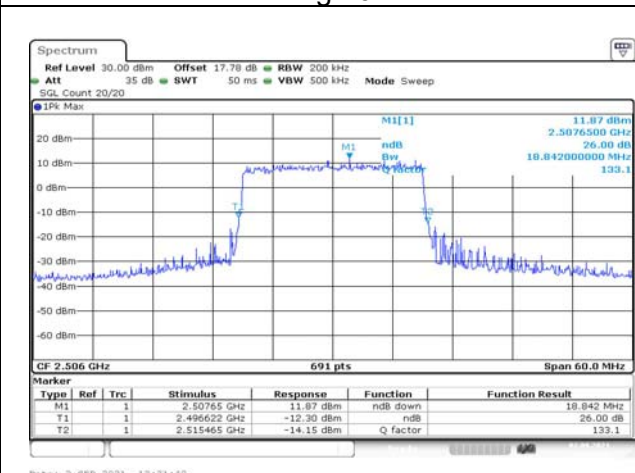


Fig.28

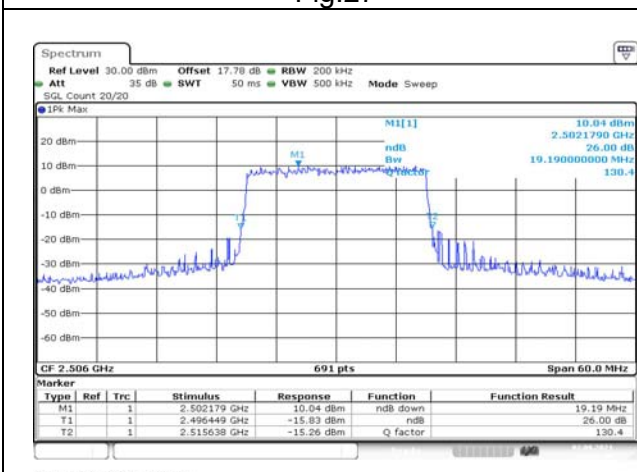


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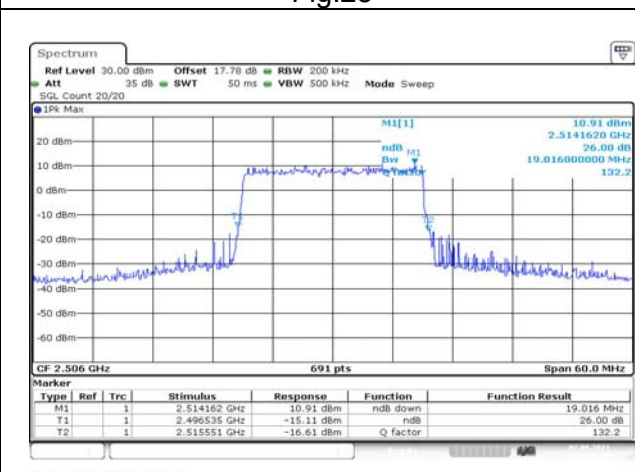


Fig.30

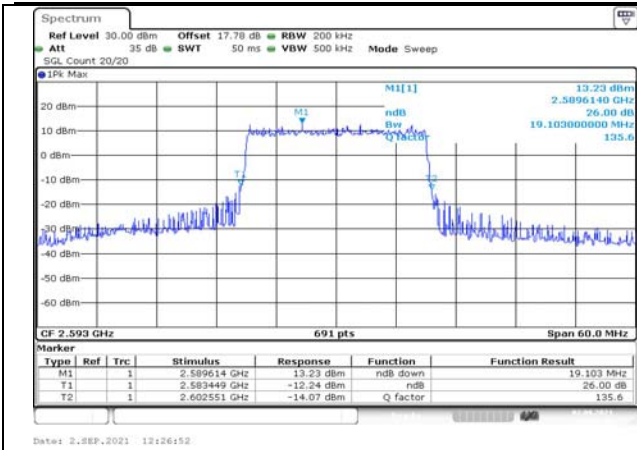


Fig.31

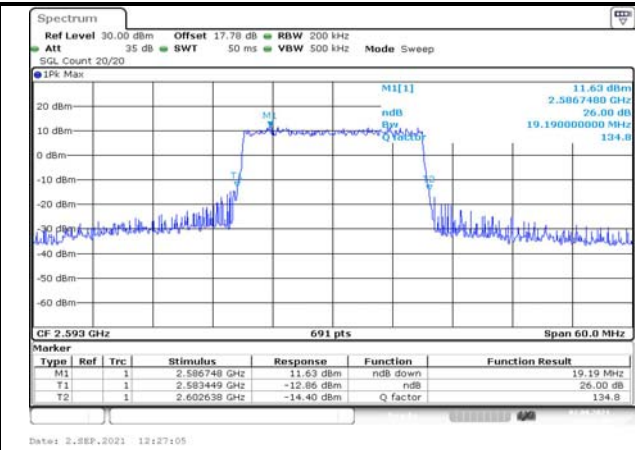


Fig.32

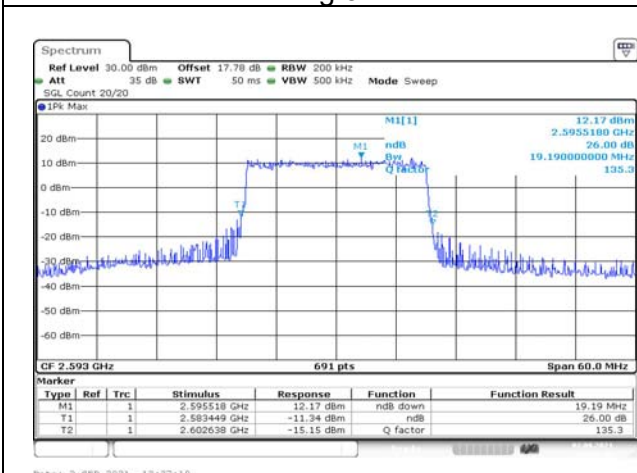


Fig.33

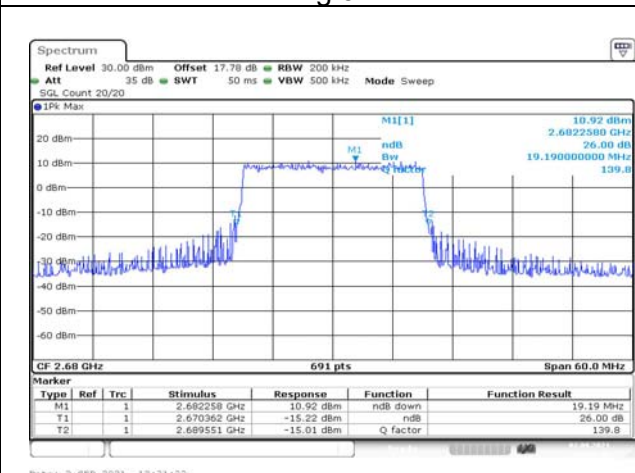


Fig.34

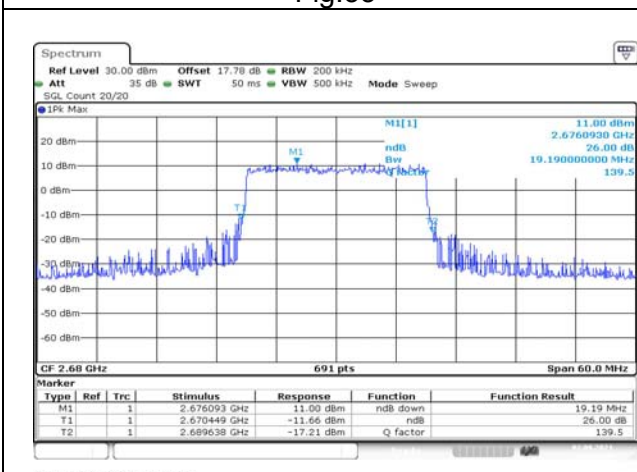


Fig.35

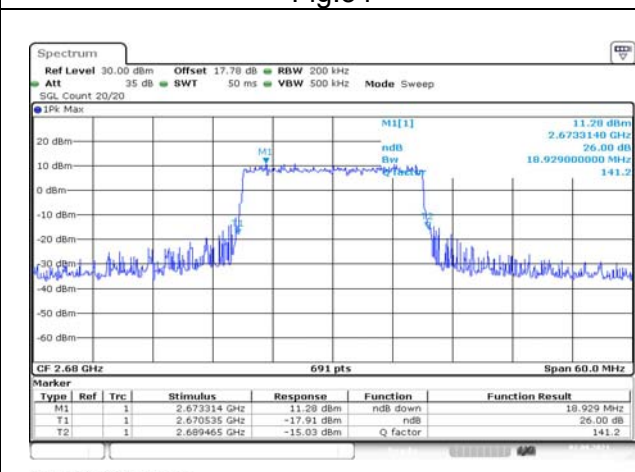


Fig.36

4 Peak-Average Ratio

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	QPSK	16-QAM	64-QAM
41	2498.5	39675	5	1	24	Fig.1	Fig.2	Fig.3
	2498.5	39675		25	0	Fig.4	Fig.5	Fig.6
	2593	40620		1	24	Fig.7	Fig.8	Fig.9
	2593	40620		25	0	Fig.10	Fig.11	Fig.12
	2687.5	41565		1	24	Fig.13	Fig.14	Fig.15
	2687.5	41565		25	0	Fig.16	Fig.17	Fig.18
	2501	39700	10	1	49	Fig.19	Fig.20	Fig.21
	2501	39700		50	0	Fig.22	Fig.23	Fig.24
	2593	40620		1	49	Fig.25	Fig.26	Fig.27
	2593	40620		50	0	Fig.28	Fig.29	Fig.30
	2685	41540		1	49	Fig.31	Fig.32	Fig.33
	2685	41540		50	0	Fig.34	Fig.35	Fig.36
	2503.5	39725	15	1	74	Fig.37	Fig.38	Fig.39
	2503.5	39725		75	0	Fig.40	Fig.41	Fig.42
	2593	40620		1	74	Fig.43	Fig.44	Fig.45
	2593	40620		75	0	Fig.46	Fig.47	Fig.48
	2682.5	41515		1	74	Fig.49	Fig.50	Fig.51
	2682.5	41515		75	0	Fig.52	Fig.53	Fig.54
	2506	39750	20	1	99	Fig.55	Fig.56	Fig.57
	2506	39750		100	0	Fig.58	Fig.59	Fig.60
	2593	40620		1	99	Fig.61	Fig.62	Fig.63
	2593	40620		100	0	Fig.64	Fig.65	Fig.66
	2680	41490		1	99	Fig.67	Fig.68	Fig.69
	2680	41490		100	0	Fig.70	Fig.71	Fig.72

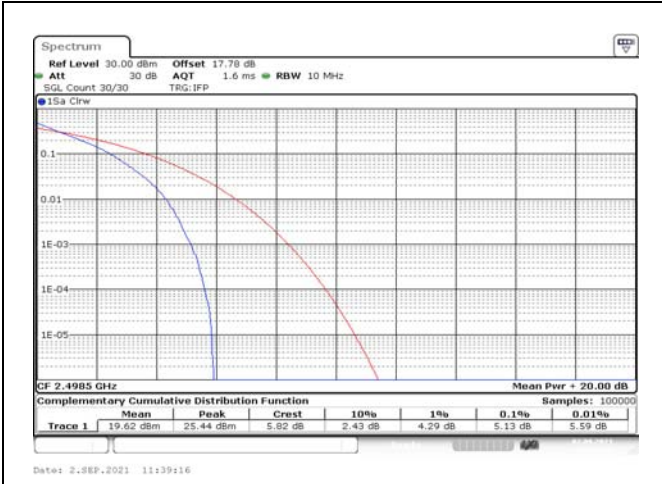


Fig.1

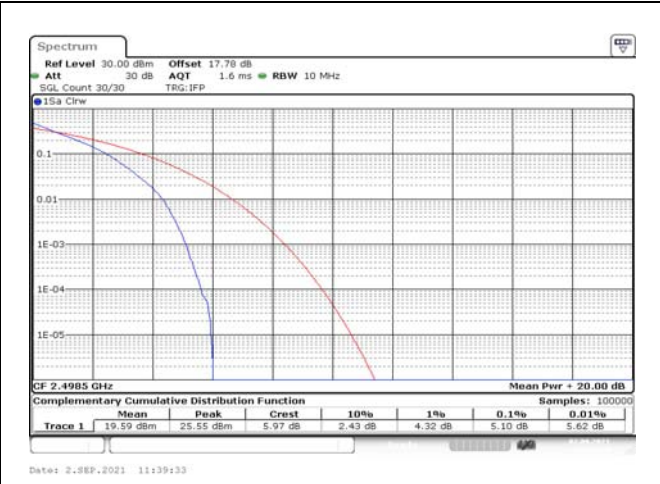


Fig.2

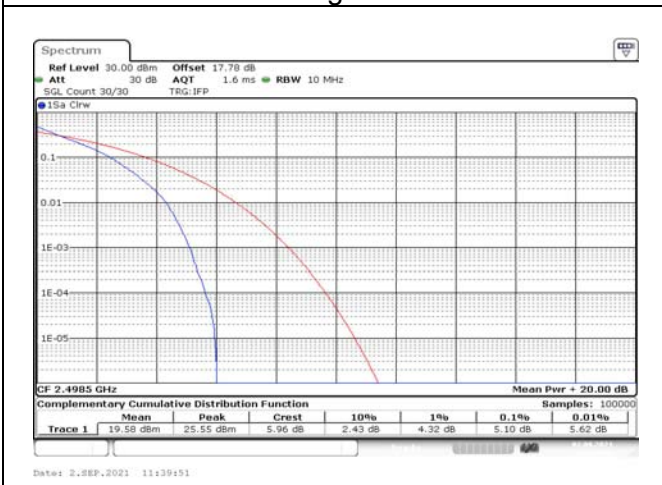


Fig.3

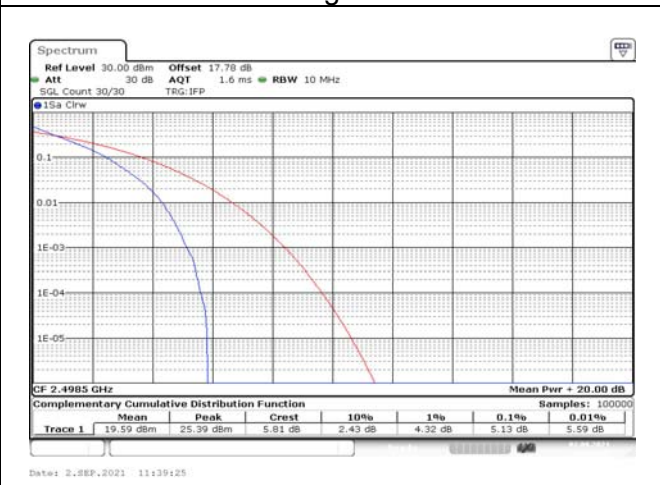


Fig.4

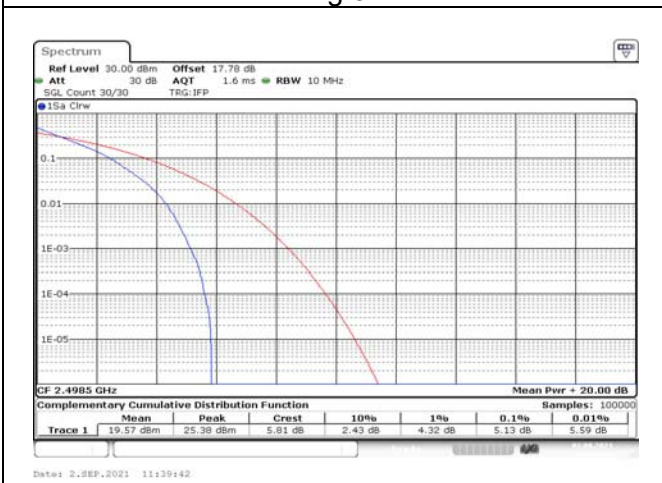


Fig.5

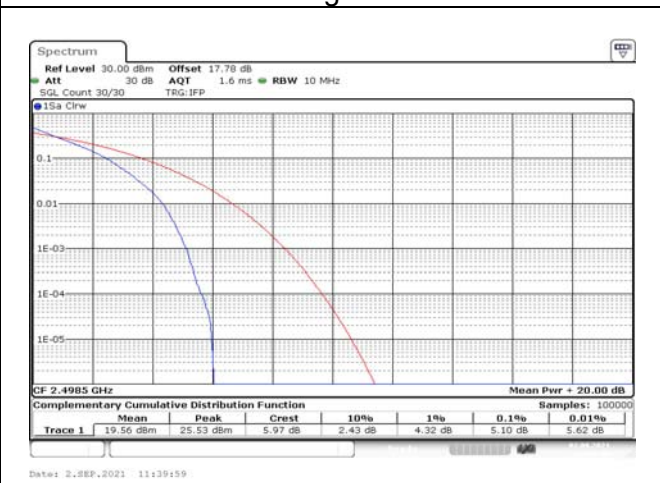


Fig.6

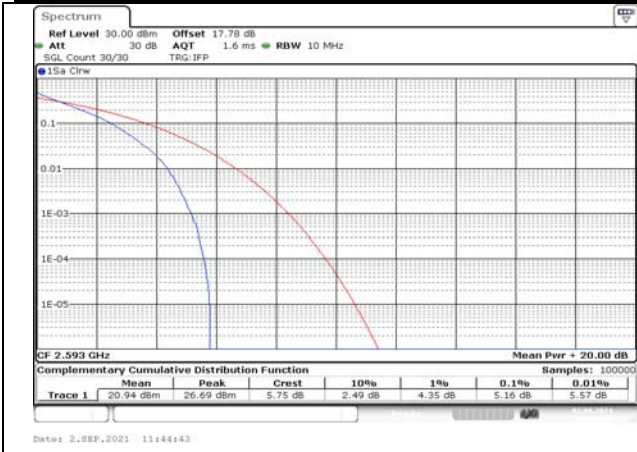


Fig.7



Fig.8

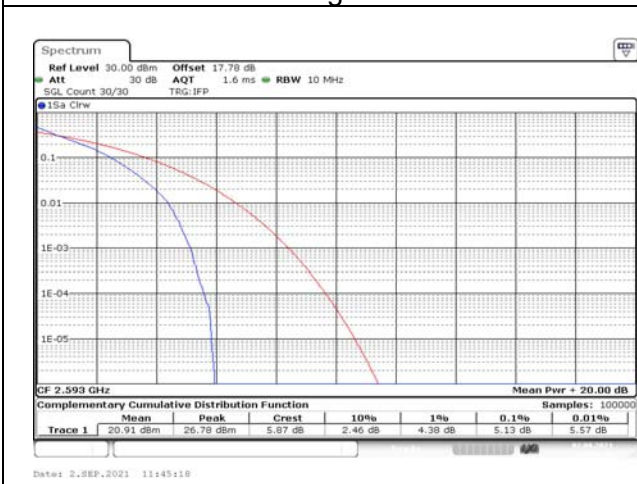


Fig.9

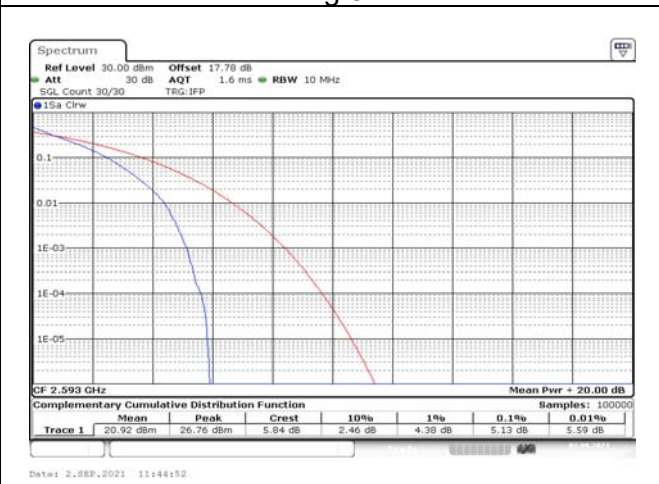


Fig.10

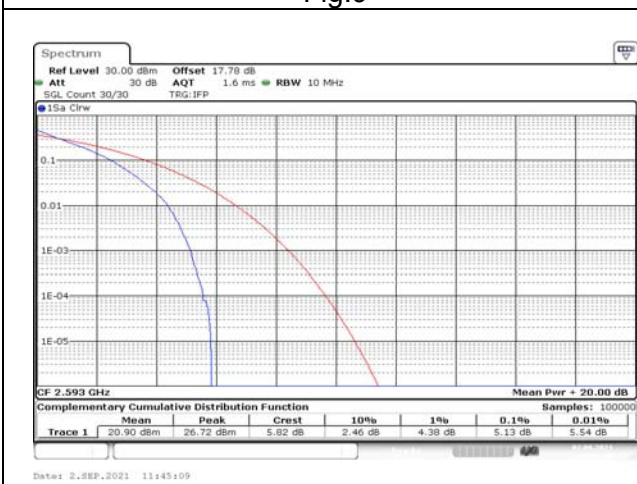


Fig.11

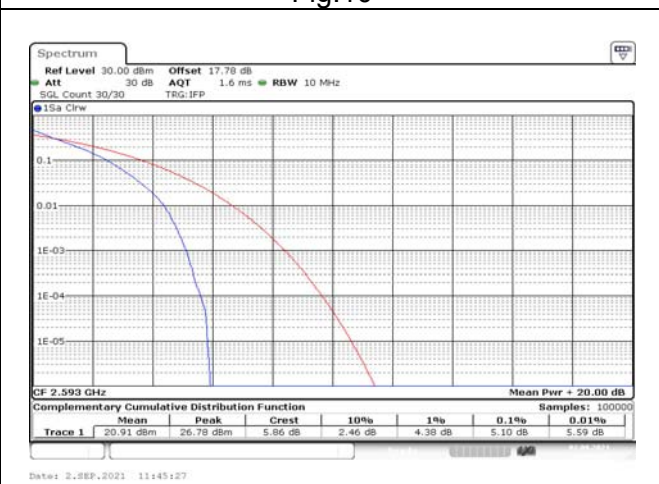


Fig.12



Fig.13

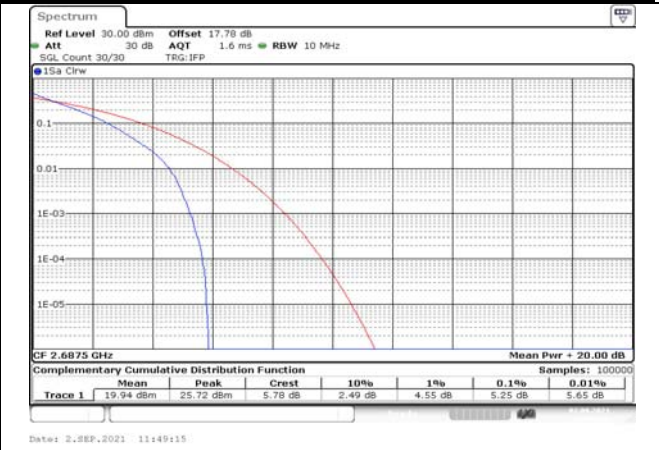


Fig.14

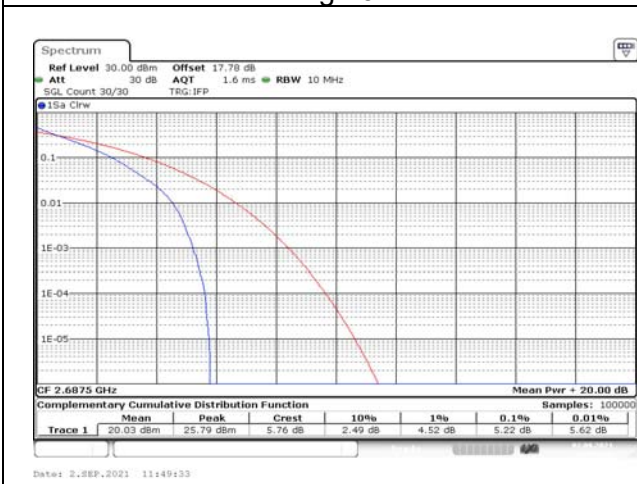


Fig.15

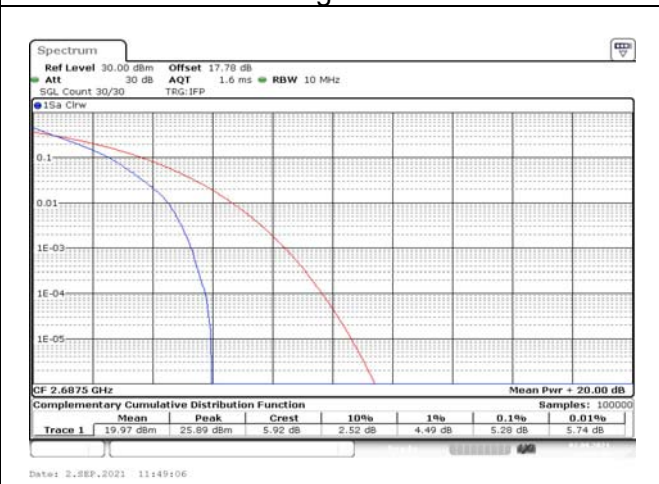


Fig.16

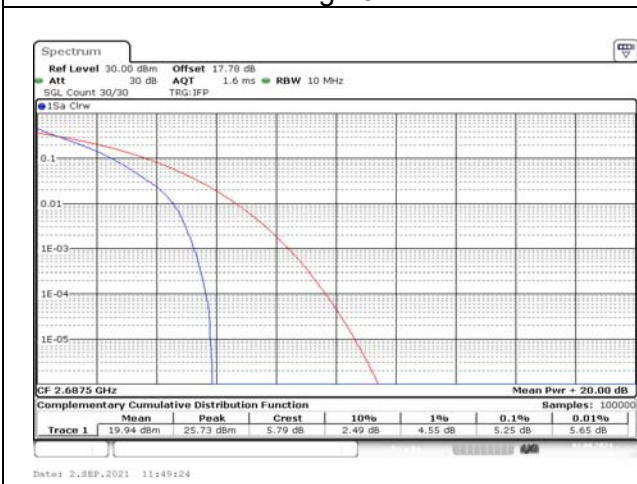


Fig.17

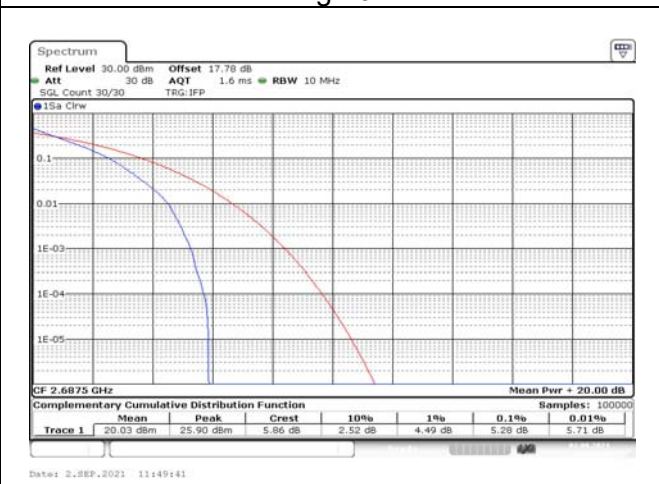


Fig.18



Fig.19

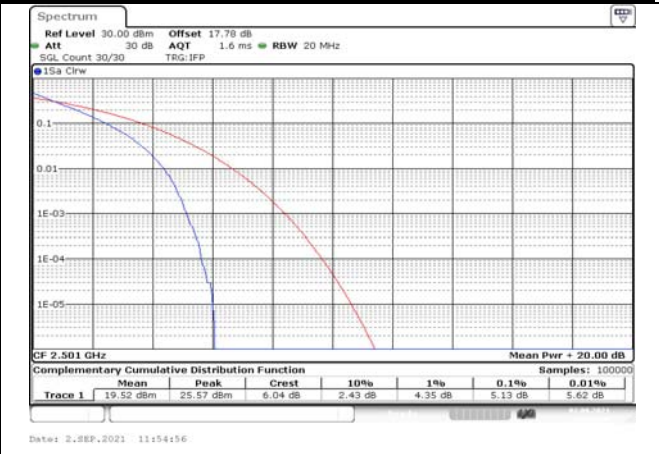


Fig.20

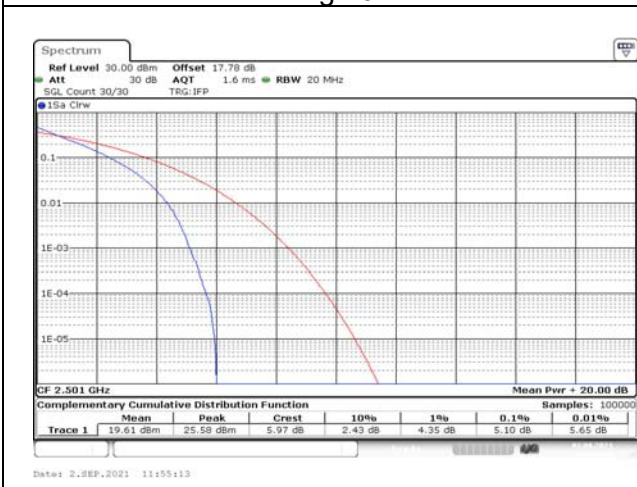


Fig.21

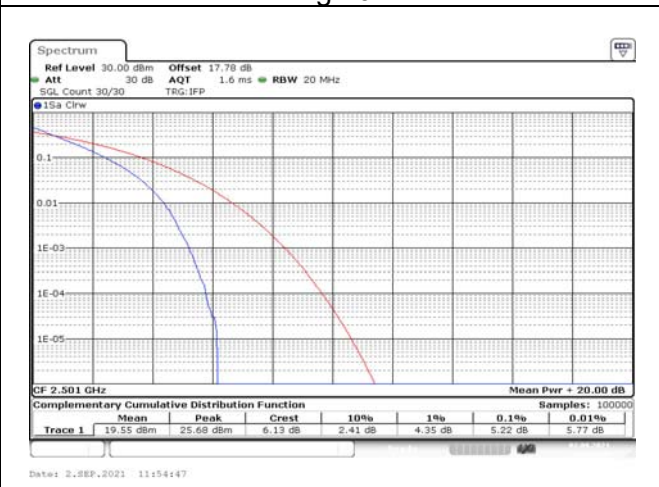


Fig.22

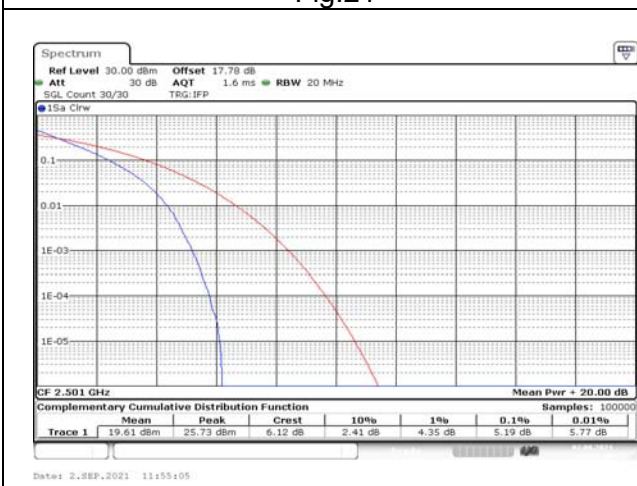


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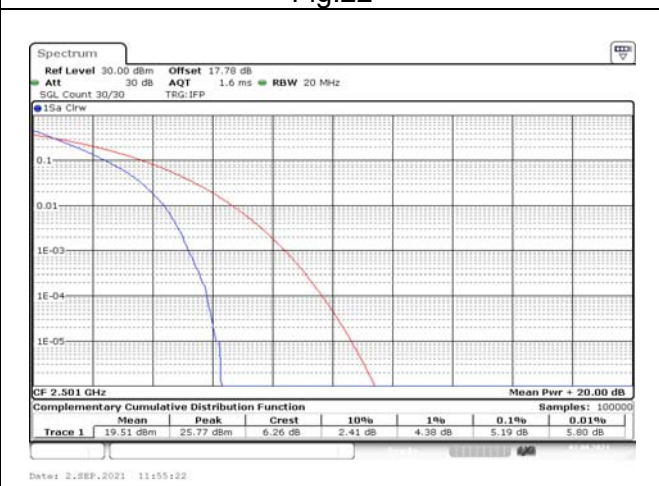


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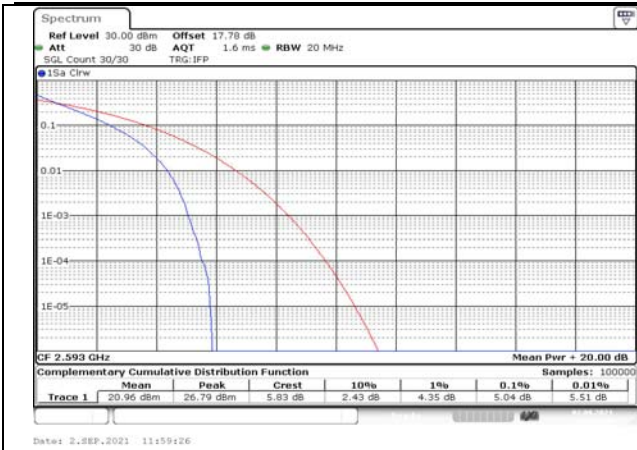


Fig.25

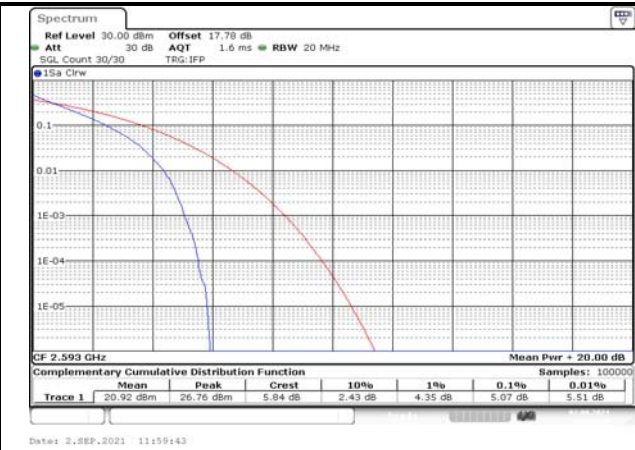


Fig.26

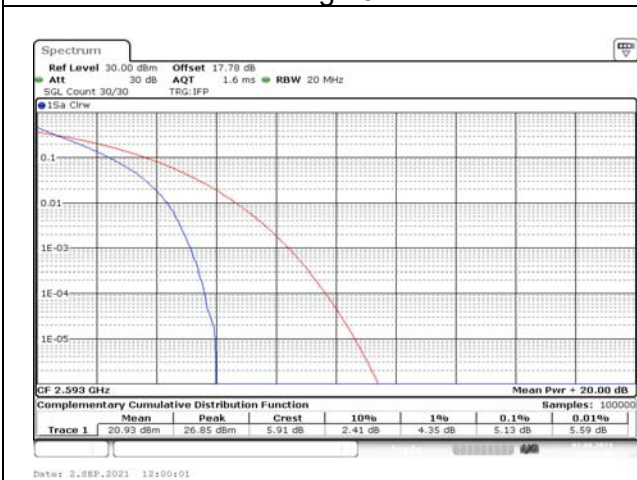


Fig.27

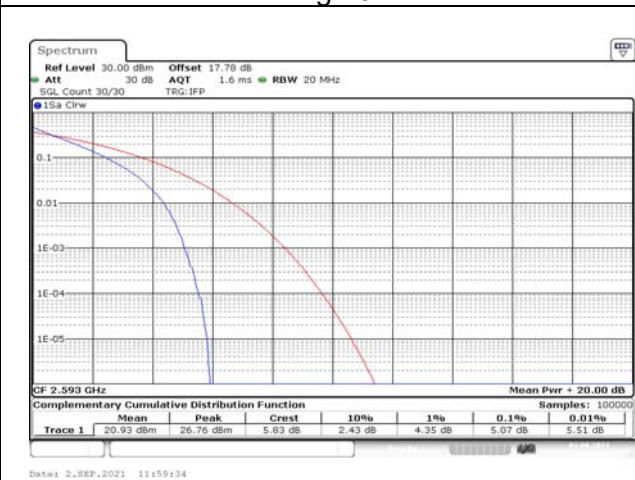


Fig.28

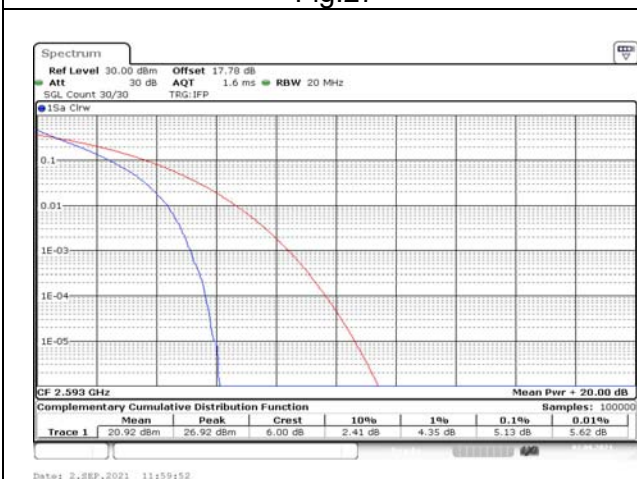


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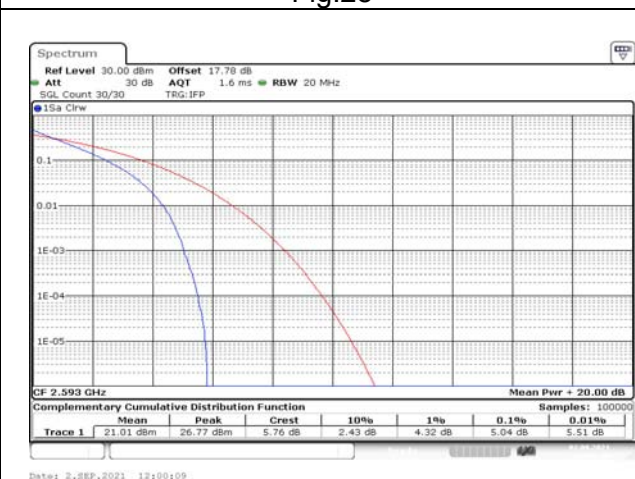


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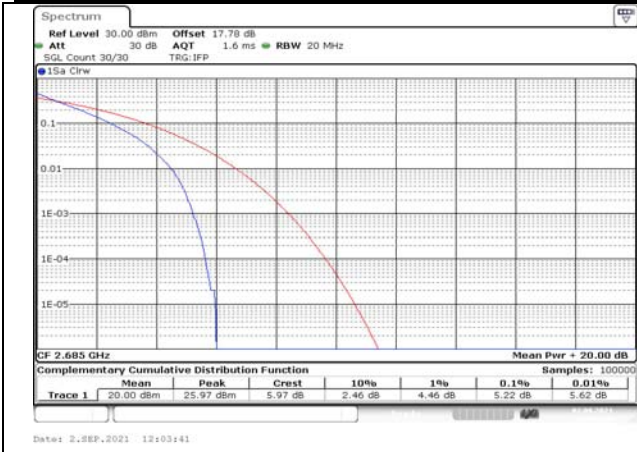


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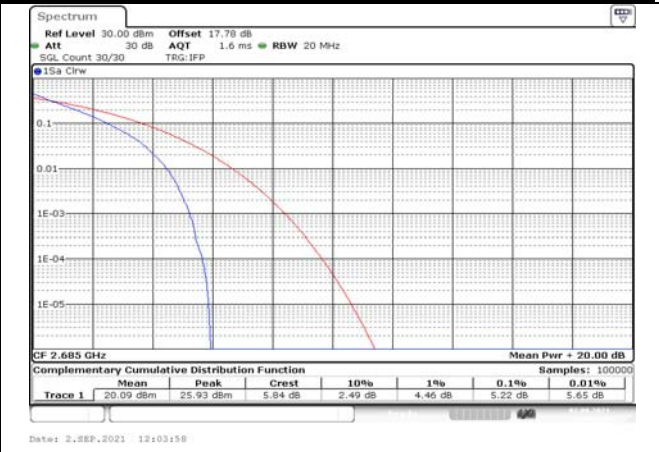


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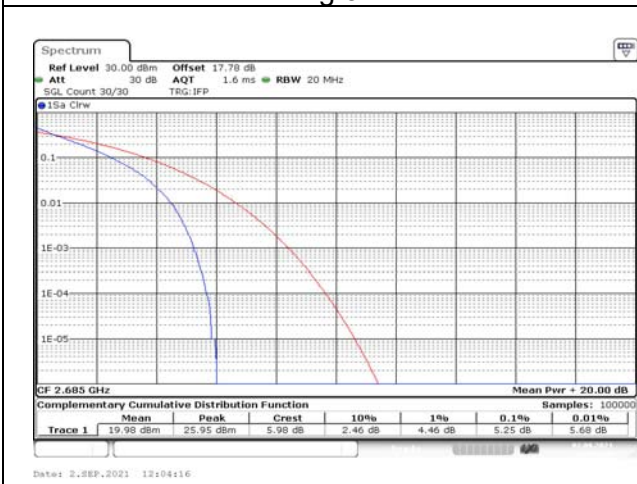


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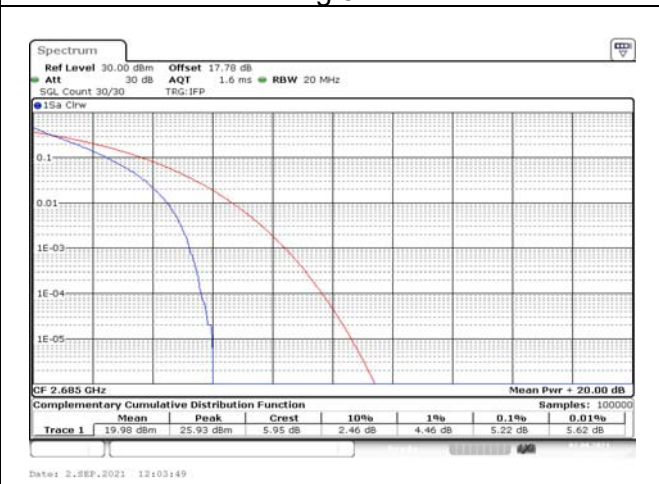


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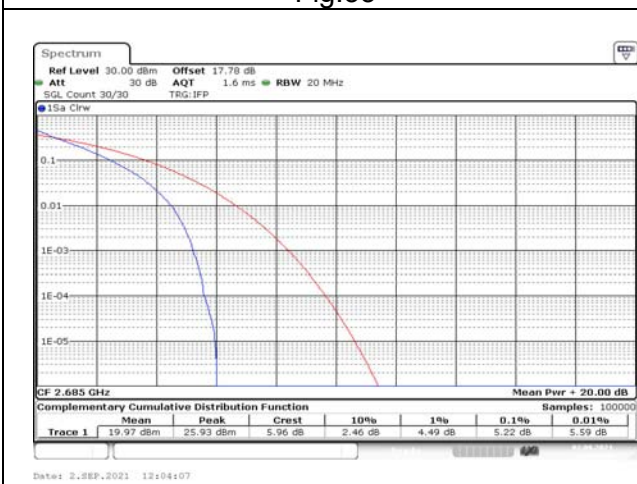


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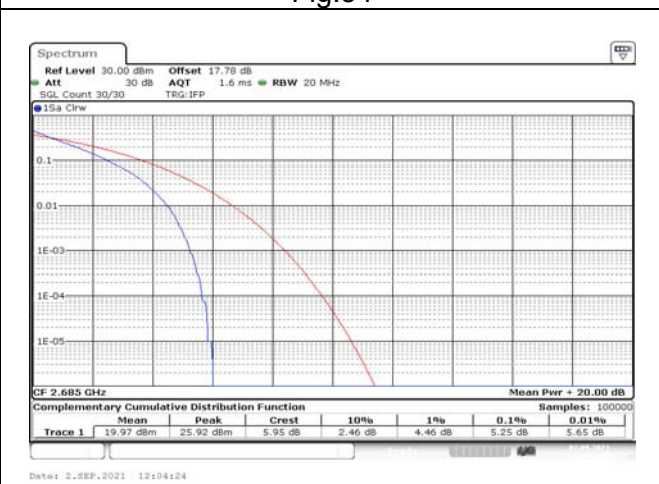


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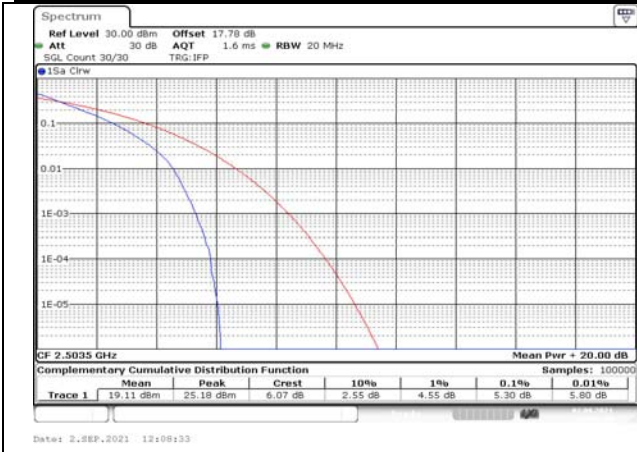


Fig.37



Fig.38

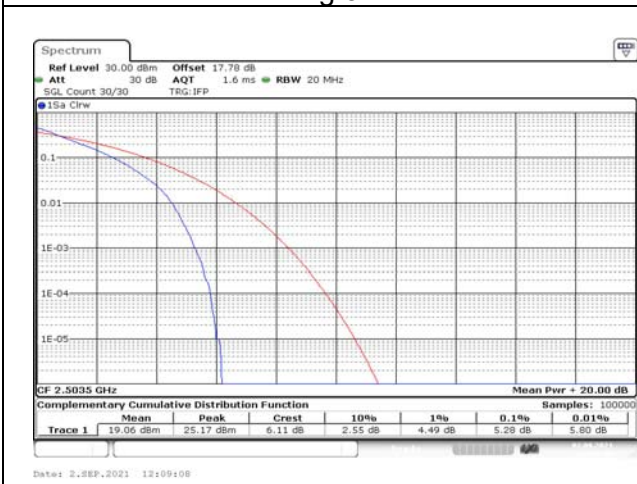


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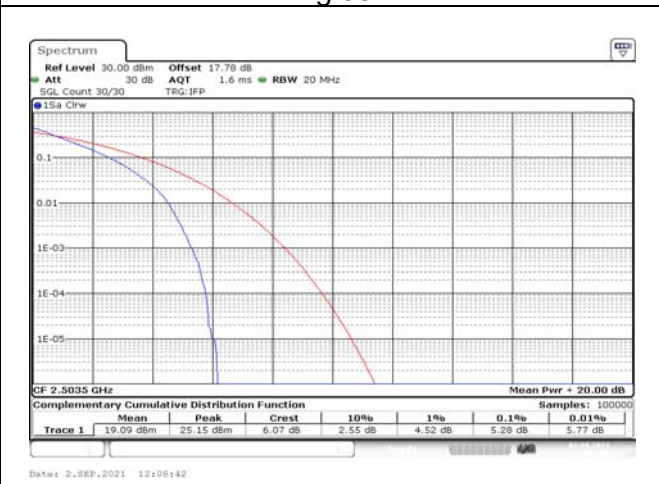


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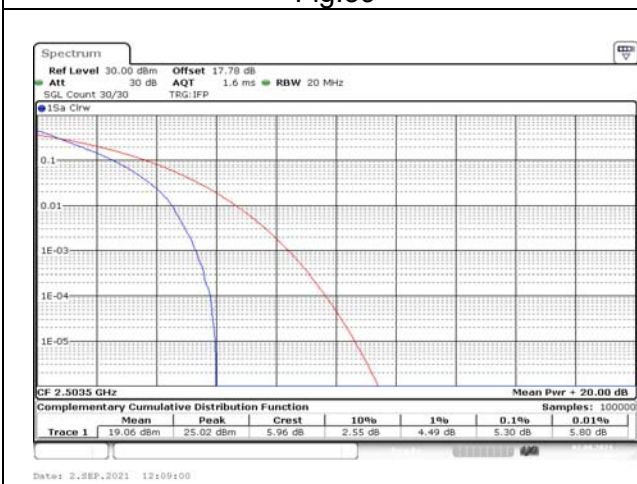


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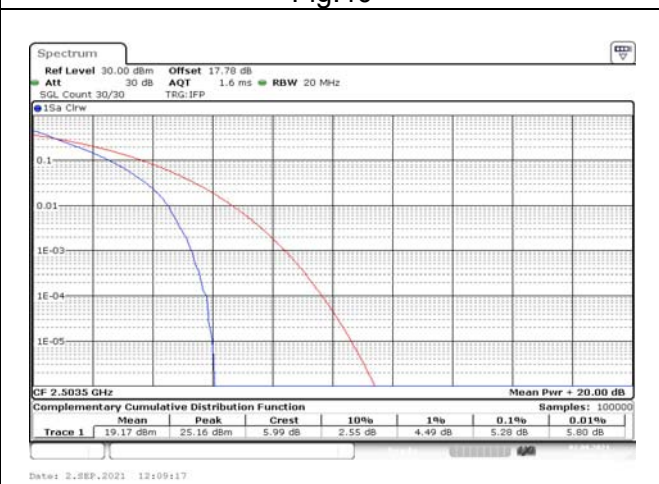


Fig.42



Fig.43

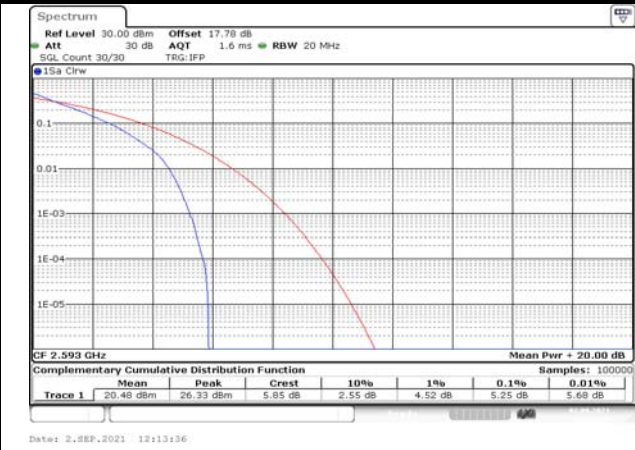


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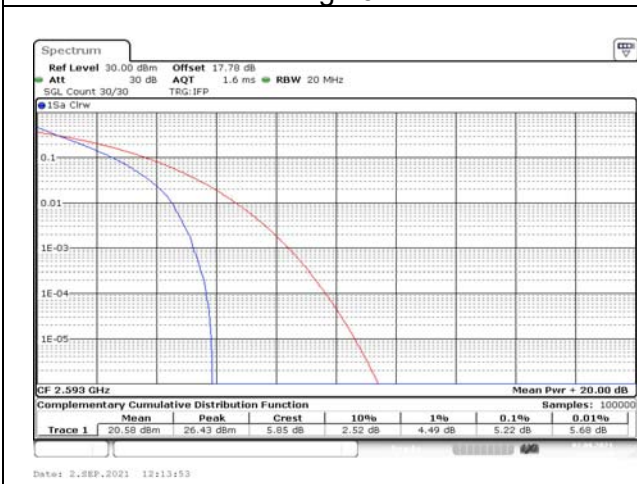


Fig.45

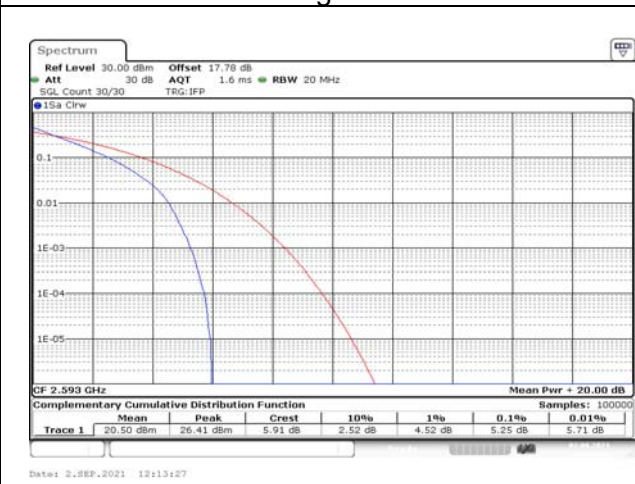


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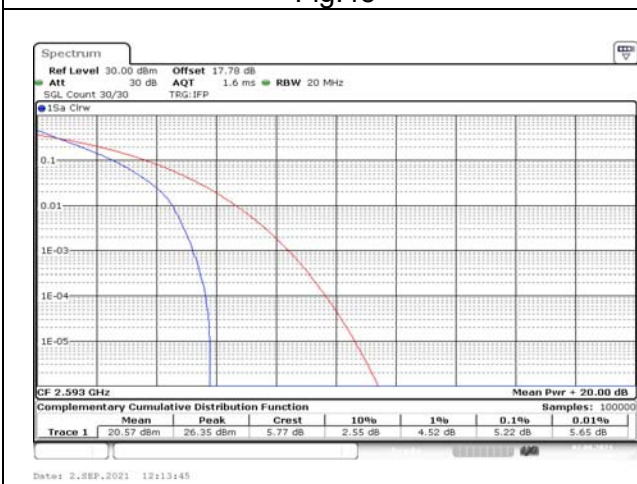


Fig.47

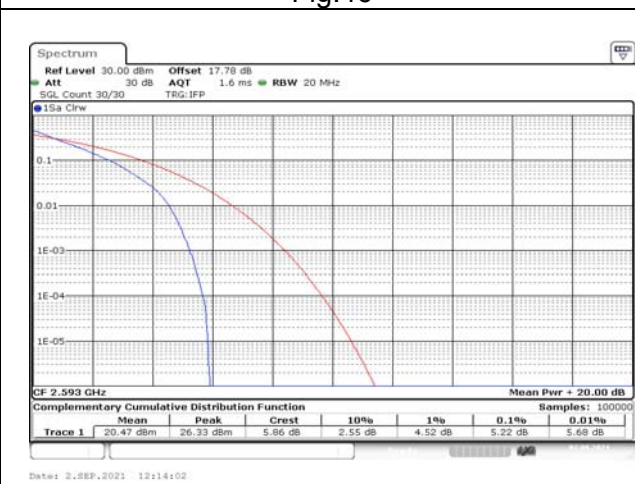


Fig.48



Fig.49

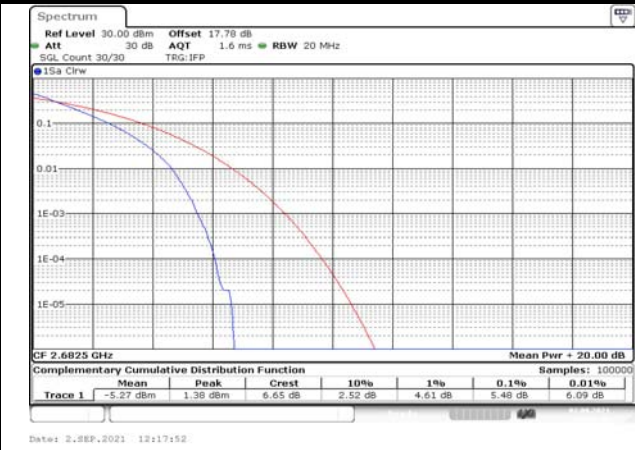


Fig.50

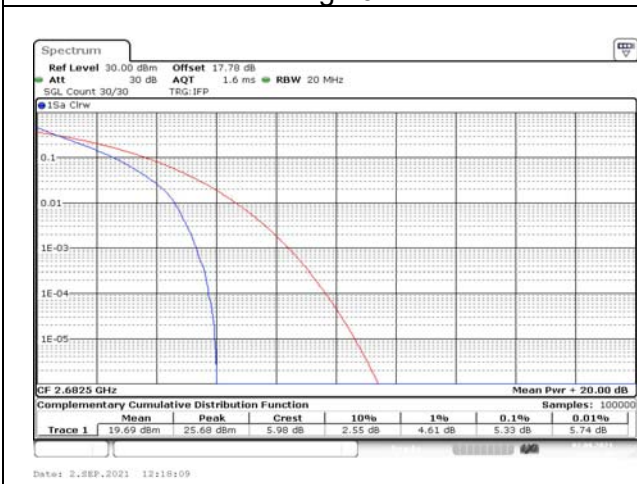


Fig.51

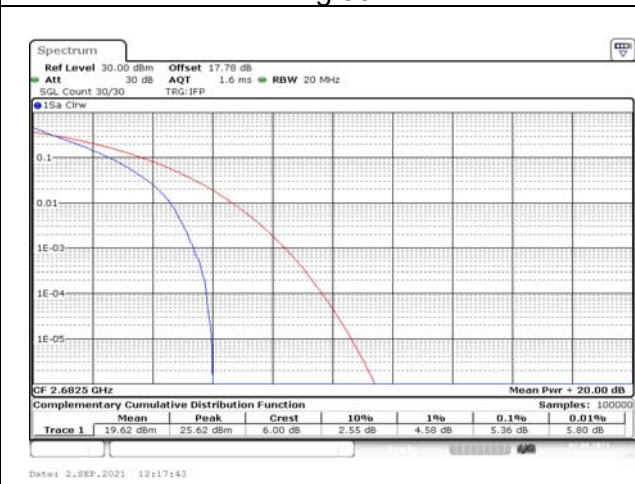


Fig.52

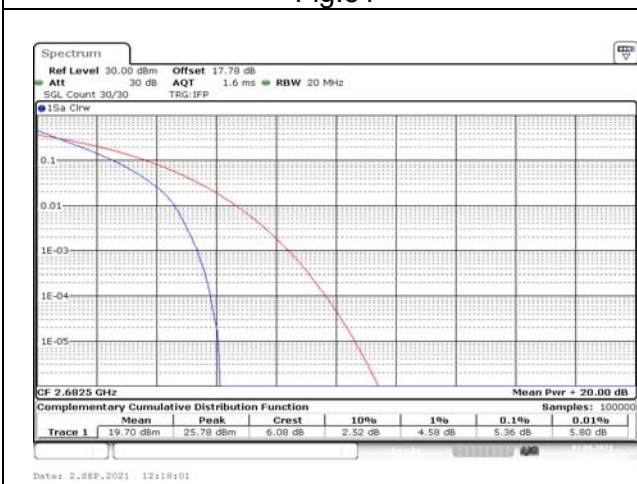


Fig.53

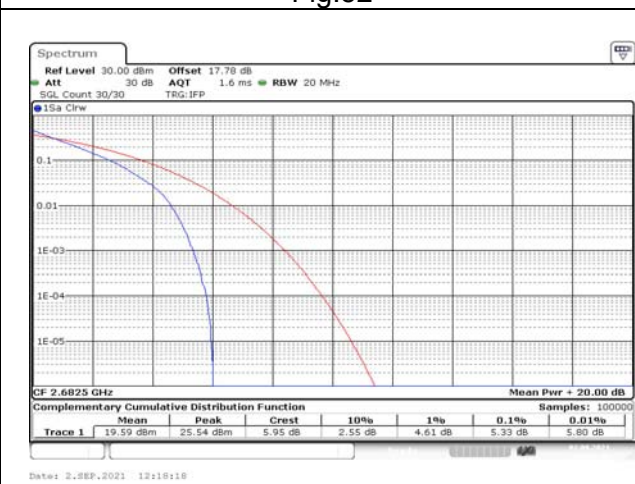


Fig.54



Fig.55



Fig.56

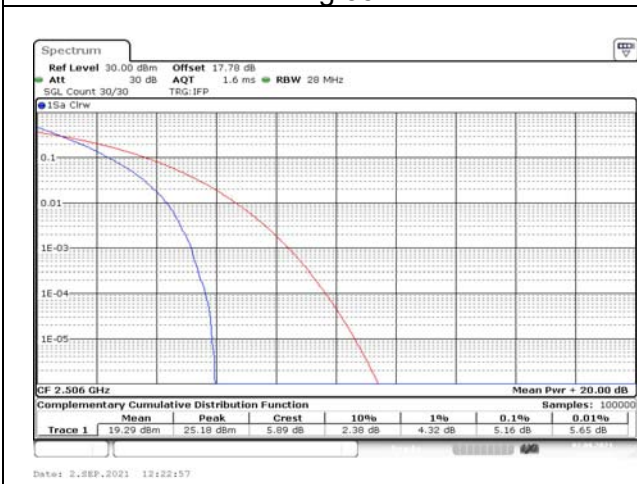


Fig.57

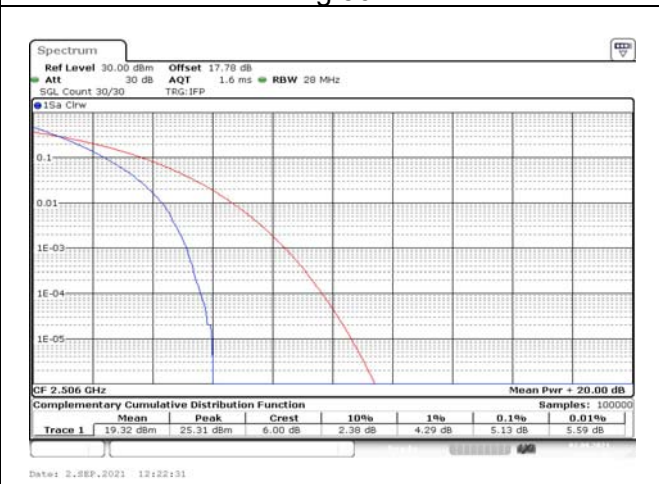


Fig.58

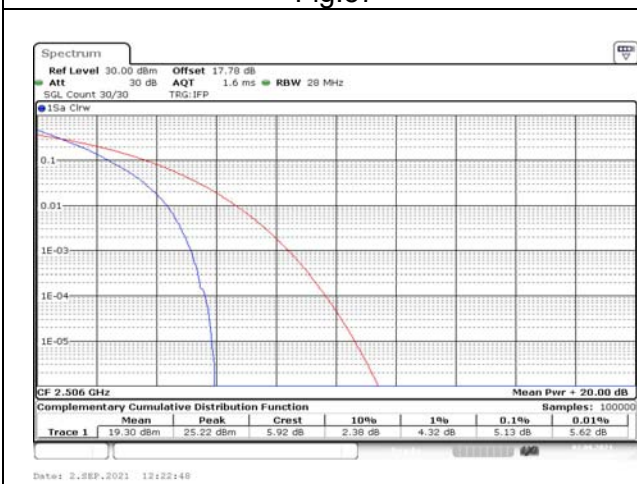


Fig.59

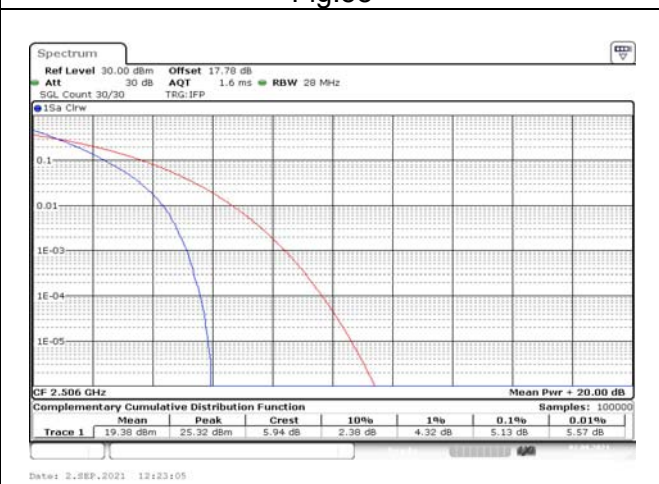


Fig.60

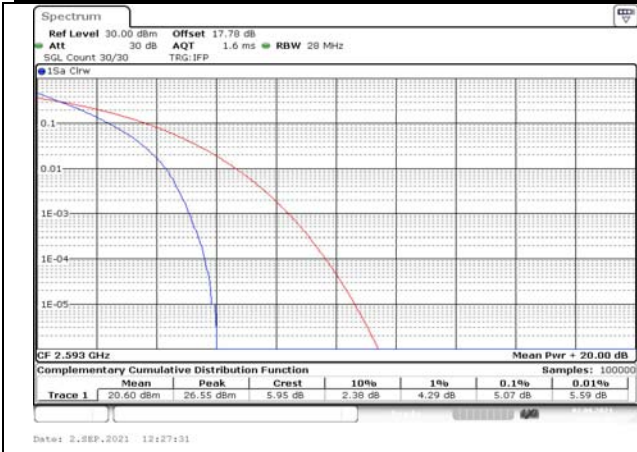


Fig.61

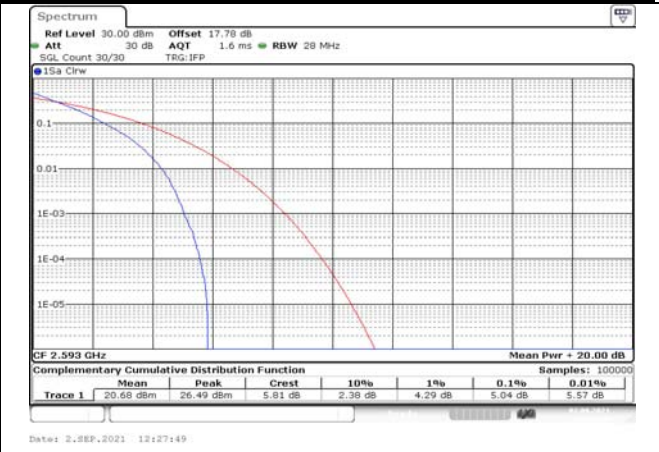


Fig.62

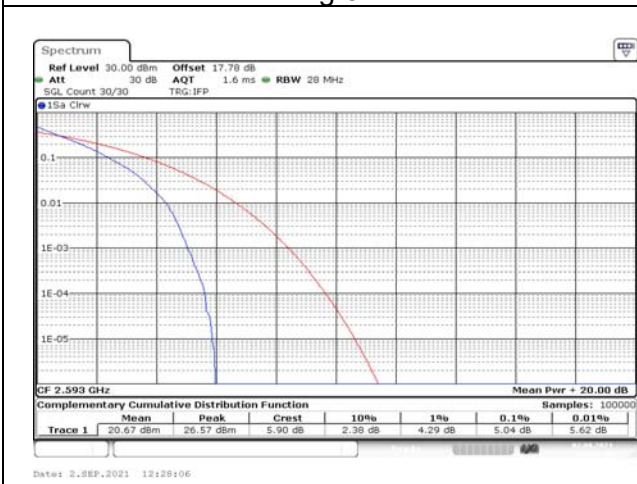


Fig.63

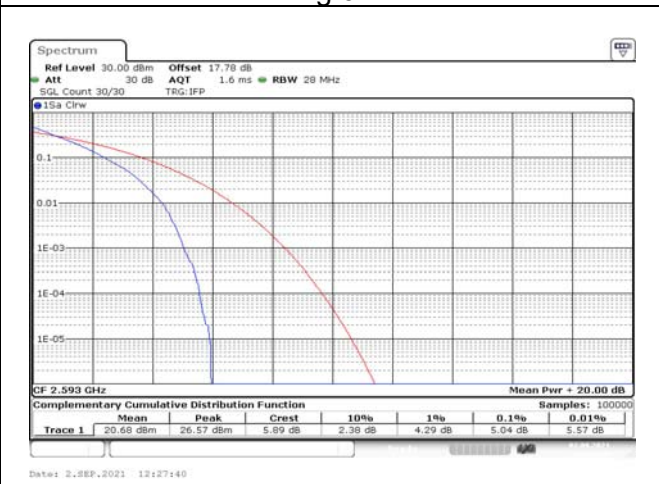


Fig.64

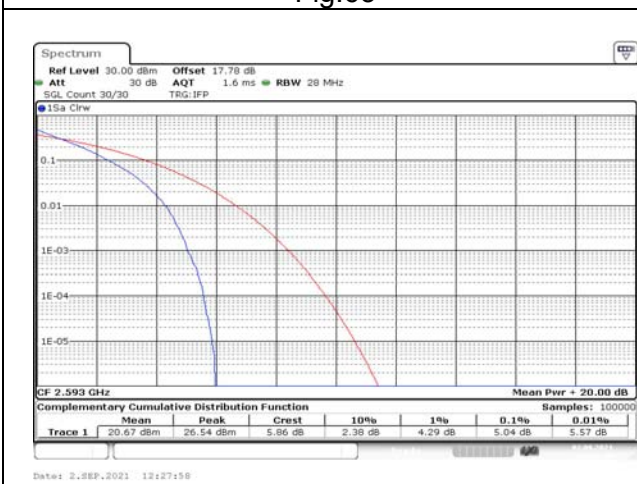


Fig.65

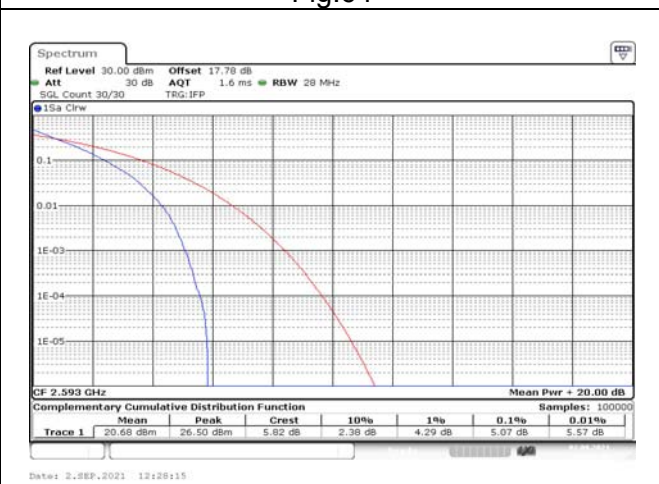


Fig.66



Fig.67

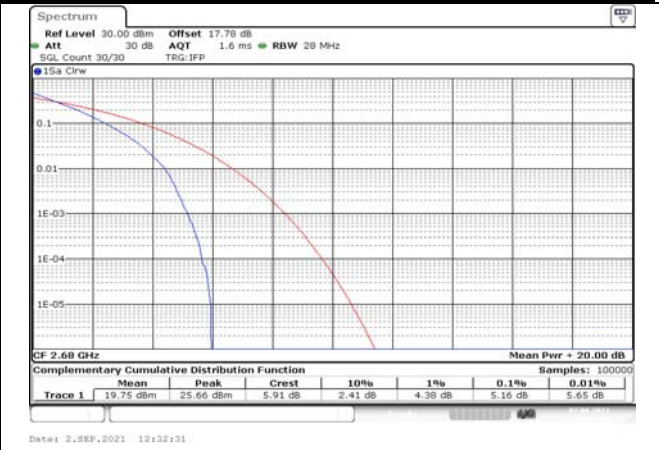


Fig.68

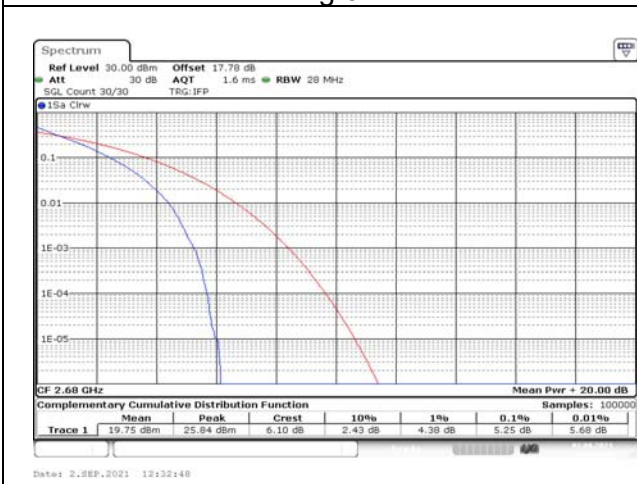


Fig.69

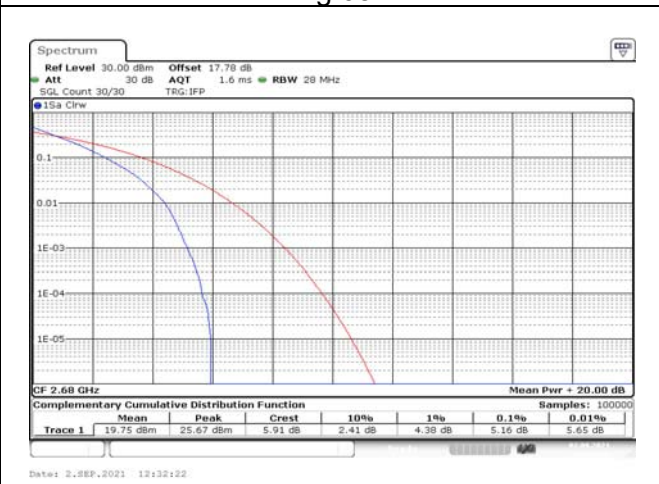


Fig.70



Fig.71

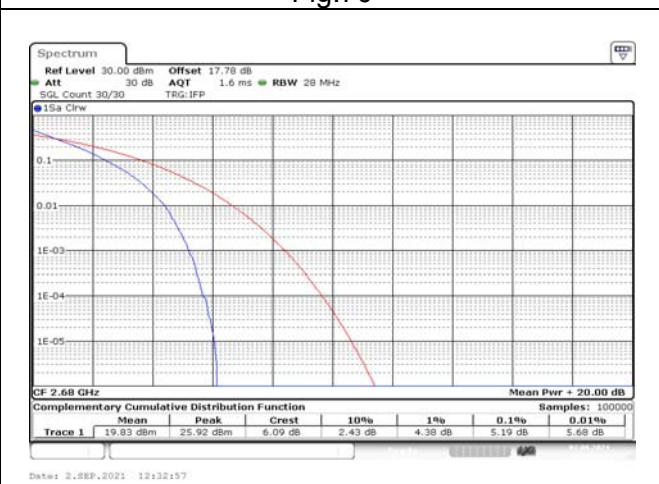


Fig.72

5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
41	2506	39750	20	1	0	Fig.1
	2593	40620		1	0	Fig.2
	2680	41490		1	0	Fig.3

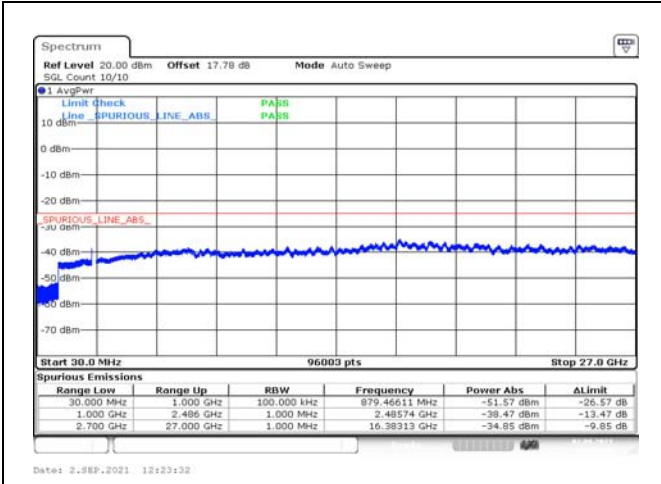


Fig.1

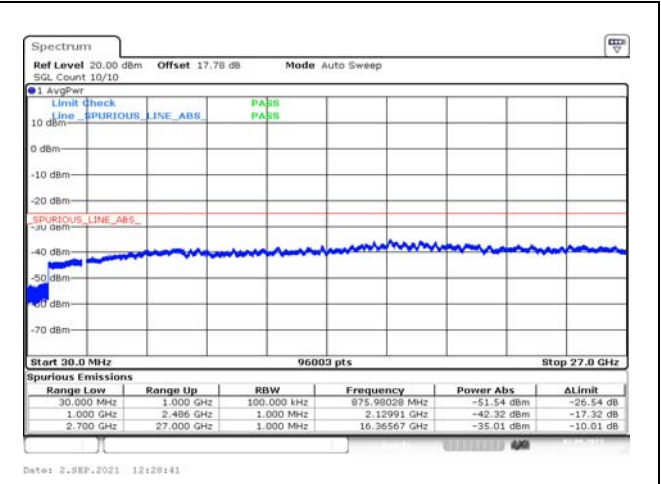


Fig.2

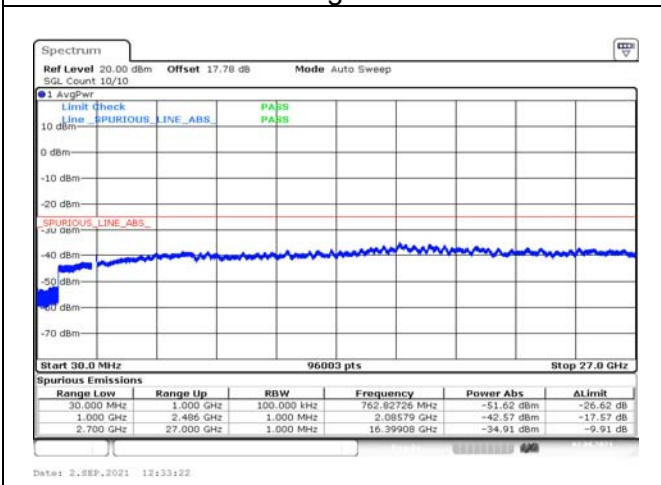


Fig.3

6 Band Edges Compliance

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
						QPSK
41	2498.5	39675	5	1	0	Fig.1
				25	0	Fig.2
	2687.5	41565		1	24	Fig.3
				25	0	Fig.4
	2501	39700	10	1	0	Fig.5
				50	0	Fig.6
	2685	41540		1	49	Fig.7
				50	0	Fig.8
	2503.5	39725	15	1	0	Fig.9
				75	0	Fig.10
	2682.5	41515		1	74	Fig.11
				75	0	Fig.12
	2506	39750	20	1	0	Fig.13
				100	0	Fig.14
	2680	41490		1	99	Fig.15
				100	0	Fig.16

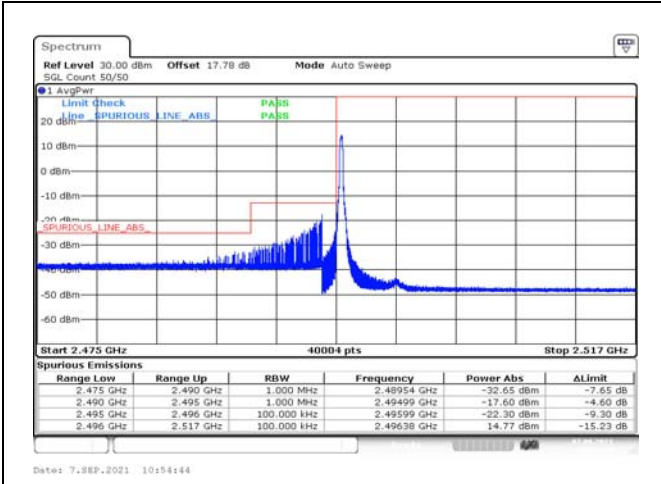


Fig.1

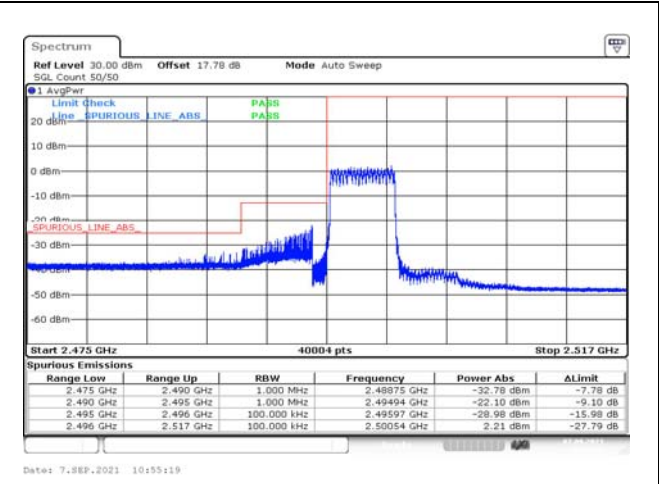


Fig.2

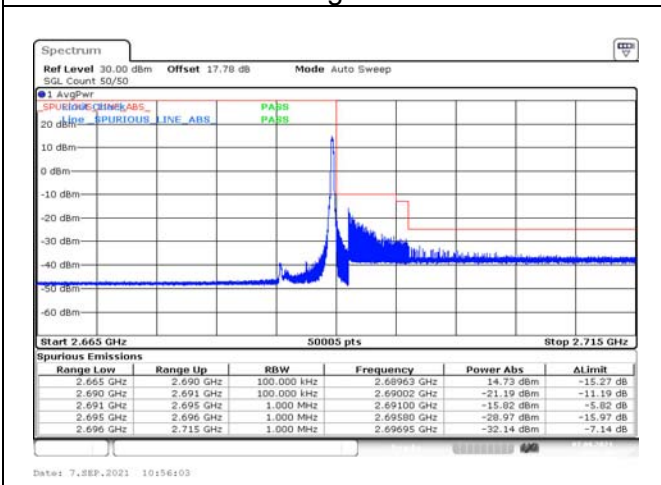


Fig.3

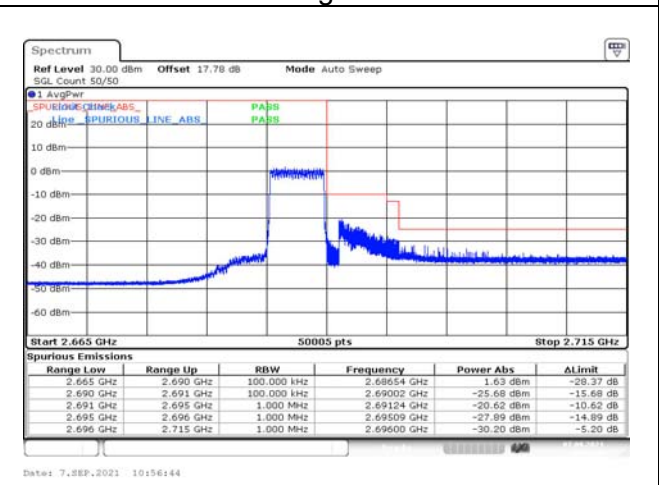


Fig.4

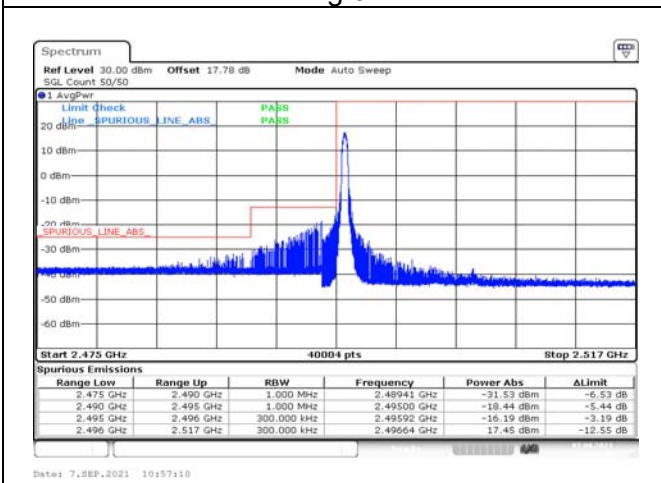


Fig.5

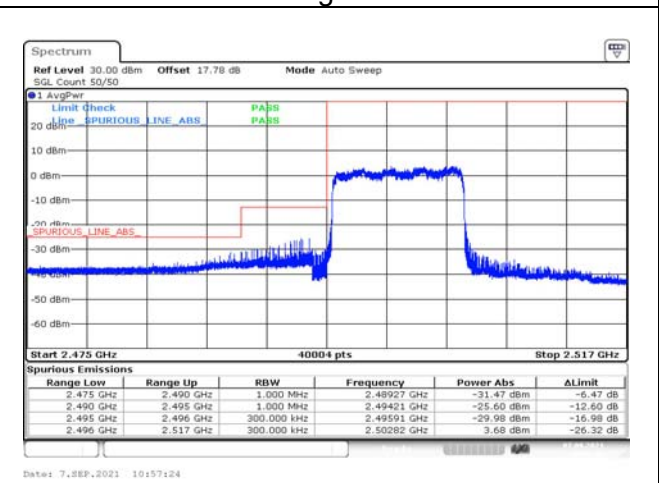


Fig.6

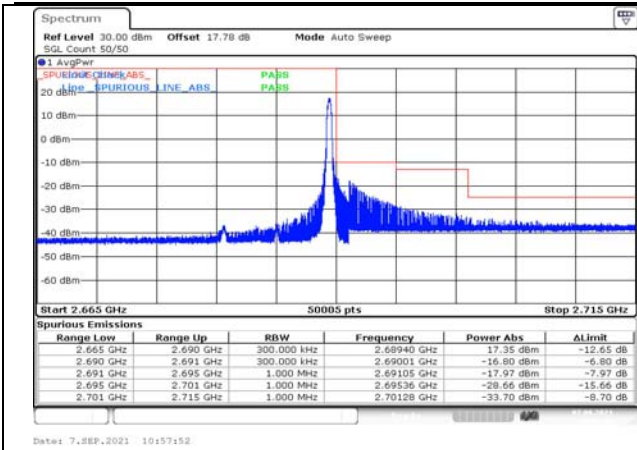


Fig.7

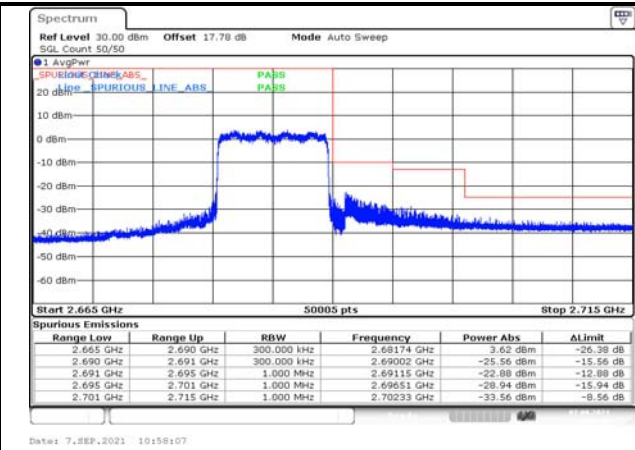


Fig.8

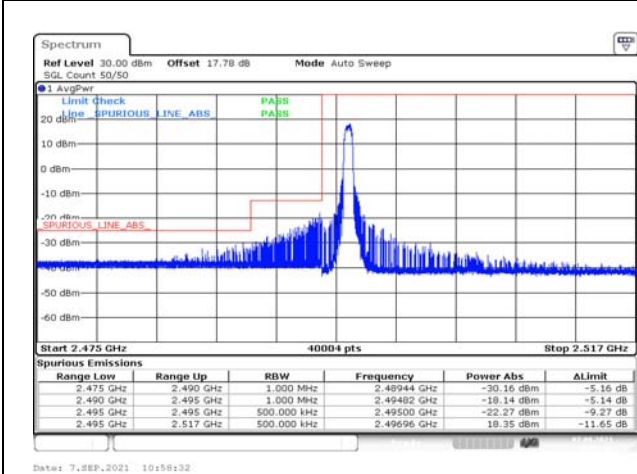


Fig.9

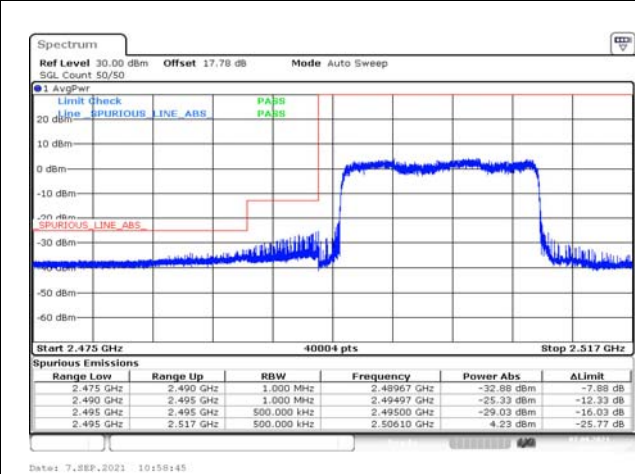


Fig.10

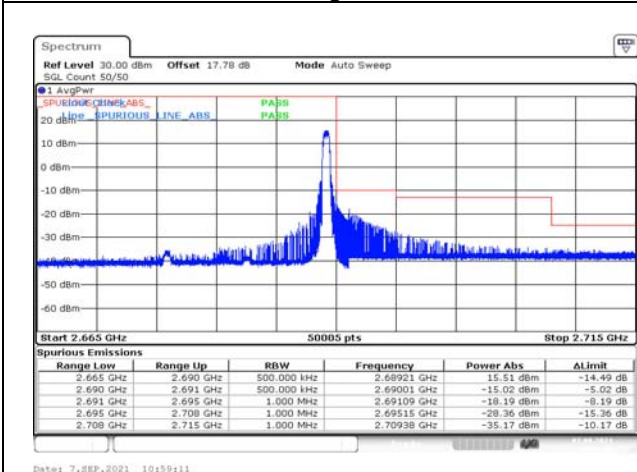


Fig.11

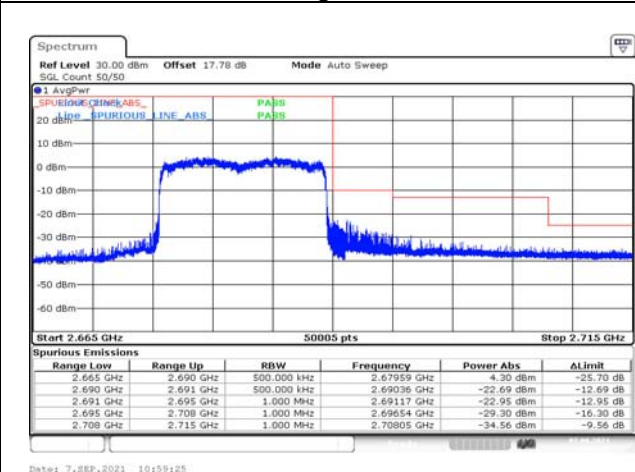


Fig.12

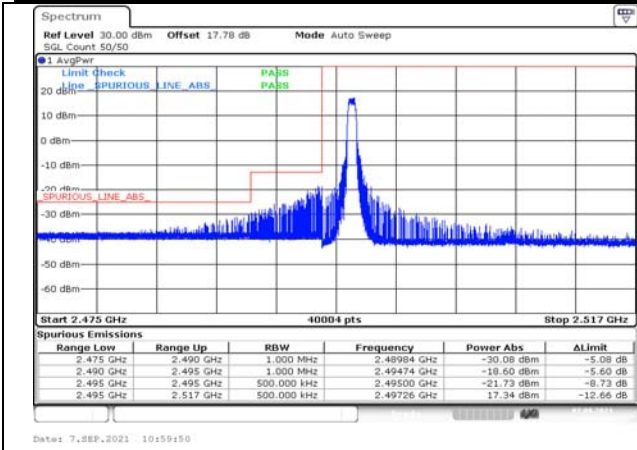


Fig.13

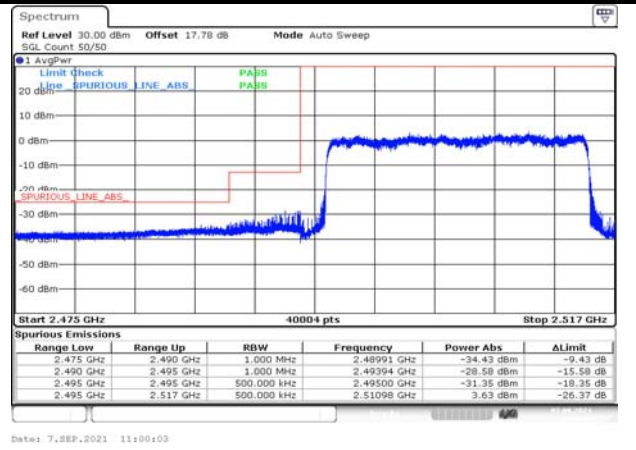


Fig.14

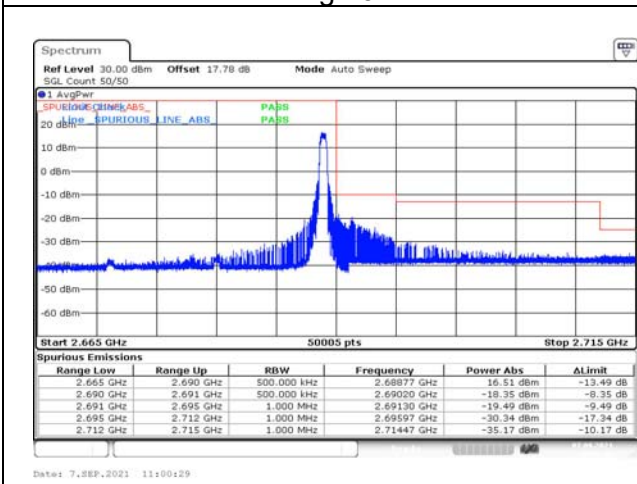


Fig.15

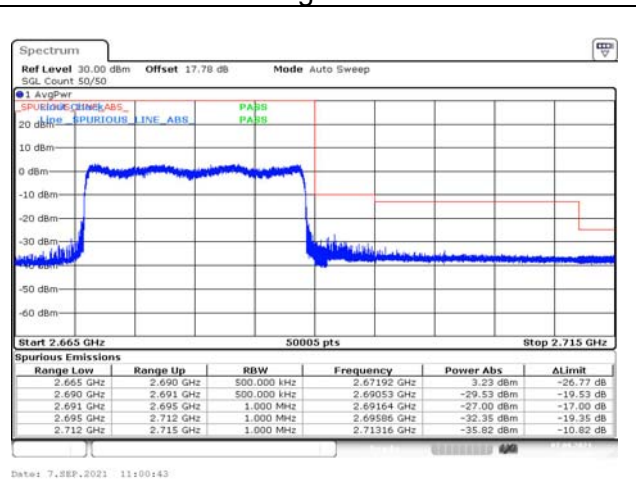


Fig.16

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band41 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-20	NV	---	---	0.001	0.001	0.002	0.001
-10	NV	---	---	0.002	0.001	0.002	0.001
0	NV	---	---	0.003	0.002	0.001	0.000
+20	NV	---	---	0.002	0.002	0.001	0.003
+20	HV	---	---	0.003	0.001	0.001	0.001

Temperature(°C)	Voltage	Test Result (ppm) Band41 High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-20	NV	---	---	-0.002	0.001	0.000	0.000
-10	NV	---	---	-0.004	0.001	0.000	-0.001
0	NV	---	---	-0.002	0.002	0.001	0.000
+20	NV	---	---	-0.002	0.001	0.000	0.000
+20	HV	---	---	-0.003	0.000	0.000	0.001

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	2498.5	39675	5	1	0	21.35	18.35	0.068
				1	12	21.40	18.40	0.069
				1	24	21.43	18.43	0.070
				12	0	20.48	17.48	0.056
				12	7	20.44	17.44	0.055
				12	13	20.45	17.45	0.056
	25	0		20.44	17.44	0.055		
	1	0		22.67	19.67	0.093		
	1	12		22.79	19.79	0.095		
	1	24		22.80	19.80	0.095		
	12	0		21.76	18.76	0.075		
	12	7		21.74	18.74	0.075		
	12	13		21.69	18.69	0.074		
	25	0		21.71	18.71	0.074		
	1	0		21.74	18.74	0.075		
	1	12		21.71	18.71	0.074		
	1	24		21.83	18.83	0.076		
	12	0		20.78	17.78	0.060		
12	7	20.92	17.92	0.062				
12	13	20.82	17.82	0.061				
25	0	20.83	17.83	0.061				
16QAM	2498.5	39675	1	0	20.82	17.82	0.061	
			1	12	20.69	17.69	0.059	
			1	24	20.80	17.80	0.060	
			12	0	19.42	16.42	0.044	
			12	7	19.48	16.48	0.044	
			12	13	19.47	16.47	0.044	
	25	0	19.44	16.44	0.044			
	1	0	22.09	19.09	0.081			
	1	12	22.16	19.16	0.082			
	1	24	22.20	19.20	0.083			
	12	0	20.83	17.83	0.061			
	12	7	20.80	17.80	0.060			
	12	13	20.74	17.74	0.059			
	25	0	20.83	17.83	0.061			
	1	0	20.99	17.99	0.063			
	1	12	21.11	18.11	0.065			
	1	24	21.03	18.03	0.064			
	12	0	19.76	16.76	0.047			
12	7	19.80	16.80	0.048				
12	13	19.82	16.82	0.048				
25	0	19.89	16.89	0.049				

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	2498.5	39675	5	1	0	19.78	16.78	0.048
				1	12	19.72	16.72	0.047
				1	24	19.72	16.72	0.047
				12	0	18.54	15.54	0.036
				12	7	18.62	15.62	0.036
				12	13	18.52	15.52	0.036
				25	0	18.47	15.47	0.035
	2593	40620		1	0	21.05	18.05	0.064
				1	12	21.01	18.01	0.063
				1	24	21.16	18.16	0.065
				12	0	19.93	16.93	0.049
				12	7	19.84	16.84	0.048
				12	13	19.84	16.84	0.048
				25	0	19.78	16.78	0.048
	2687.5	41565		1	0	19.96	16.96	0.050
				1	12	19.85	16.85	0.048
				1	24	19.92	16.92	0.049
				12	0	18.84	15.84	0.038
				12	7	18.86	15.86	0.039
				12	13	18.76	15.76	0.038
				25	0	18.78	15.78	0.038

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	2501	39700	10	1	0	21.37	18.37	0.069
				1	25	21.29	18.29	0.067
				1	49	21.2	18.20	0.066
				25	0	20.44	17.44	0.055
				25	12	20.32	17.32	0.054
				25	25	20.30	17.30	0.054
	2593	40620		50	0	20.38	17.38	0.055
				1	0	22.65	19.65	0.092
				1	25	22.65	19.65	0.092
				1	49	22.64	19.64	0.092
				25	0	21.78	18.78	0.076
				25	12	21.75	18.75	0.075
	2685	41540		25	25	21.77	18.77	0.075
				50	0	21.77	18.77	0.075
				1	0	21.53	18.53	0.071
1			25	21.55	18.55	0.072		
1			49	21.59	18.59	0.072		
25			0	20.80	17.80	0.060		
16QAM	2501	39700	25	12	20.88	17.88	0.061	
			25	25	20.78	17.78	0.060	
			50	0	20.87	17.87	0.061	
			1	0	20.73	17.73	0.059	
			1	25	20.59	17.59	0.057	
			1	49	20.83	17.83	0.061	
	2593	40620	25	0	19.47	16.47	0.044	
			25	12	19.39	16.39	0.044	
			25	25	19.38	16.38	0.043	
			50	0	19.38	16.38	0.043	
			1	0	21.88	18.88	0.077	
			1	25	22.00	19.00	0.079	
	2685	41540	1	49	21.93	18.93	0.078	
			25	0	20.75	17.75	0.060	
			25	12	20.77	17.77	0.060	
25			25	20.87	17.87	0.061		
50			0	20.75	17.75	0.060		
1			0	21.28	18.28	0.067		
			1	25	21.15	18.15	0.065	
			1	49	21.14	18.14	0.065	
			25	0	19.79	16.79	0.048	
			25	12	19.69	16.69	0.047	
			25	25	19.84	16.84	0.048	
			50	0	19.92	16.92	0.049	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	2501	39700	10	1	0	19.79	16.79	0.048
				1	25	19.44	16.44	0.044
				1	49	19.42	16.42	0.044
				25	0	18.38	15.38	0.035
				25	12	18.42	15.42	0.035
				25	25	18.39	15.39	0.035
				50	0	18.39	15.39	0.035
	2593	40620		1	0	21.27	18.27	0.067
				1	25	20.84	17.84	0.061
				1	49	20.85	17.85	0.061
				25	0	19.72	16.72	0.047
				25	12	19.65	16.65	0.046
				25	25	19.73	16.73	0.047
				50	0	19.77	16.77	0.048
	2685	41540		1	0	20.14	17.14	0.052
				1	25	20.07	17.07	0.051
				1	49	20.10	17.10	0.051
				25	0	18.84	15.84	0.038
				25	12	18.83	15.83	0.038
				25	25	18.86	15.86	0.039
				50	0	18.85	15.85	0.038

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	2503.5	39725	15	1	0	21.17	18.17	0.066
				1	37	21.02	18.02	0.063
				1	74	21.07	18.07	0.064
				36	0	20.24	17.24	0.053
				36	29	20.17	17.17	0.052
				36	30	20.11	17.11	0.051
				75	0	20.17	17.17	0.052
	2593	40620		1	0	22.44	19.44	0.088
				1	37	22.40	19.40	0.087
				1	74	22.50	19.50	0.089
				36	0	21.63	18.63	0.073
				36	29	21.61	18.61	0.073
				36	30	21.61	18.61	0.073
				75	0	21.60	18.60	0.072
	2682.5	41515		1	0	21.55	18.55	0.072
1			37	21.52	18.52	0.071		
1			74	21.51	18.51	0.071		
36			0	20.68	17.68	0.059		
36			29	20.61	17.61	0.058		
36			30	20.64	17.64	0.058		
75			0	20.64	17.64	0.058		
16QAM	2503.5	39725	1	0	20.42	17.42	0.055	
			1	37	20.38	17.38	0.055	
			1	74	20.33	17.33	0.054	
			36	0	19.25	16.25	0.042	
			36	29	19.13	16.13	0.041	
			36	30	19.20	16.20	0.042	
			75	0	19.11	16.11	0.041	
	2593	40620	1	0	21.87	18.87	0.077	
			1	37	21.89	18.89	0.077	
			1	74	22.00	19.00	0.079	
			36	0	20.60	17.60	0.058	
			36	29	20.63	17.63	0.058	
			36	30	20.61	17.61	0.058	
			75	0	20.59	17.59	0.057	
	2682.5	41515	1	0	20.89	17.89	0.062	
1			37	20.82	17.82	0.061		
1			74	20.87	17.87	0.061		
36			0	19.67	16.67	0.046		
36			29	19.66	16.66	0.046		
36			30	19.60	16.60	0.046		
75			0	19.72	16.72	0.047		

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	2503.5	39725	15	1	0	19.41	16.41	0.044
				1	37	19.32	16.32	0.043
				1	74	19.23	16.23	0.042
				36	0	18.24	15.24	0.033
				36	29	18.22	15.22	0.033
				36	30	18.17	15.17	0.033
				75	0	18.22	15.22	0.033
	2593	40620		1	0	20.80	17.80	0.060
				1	37	20.78	17.78	0.060
				1	74	20.78	17.78	0.060
				36	0	19.63	16.63	0.046
				36	29	19.57	16.57	0.045
				36	30	19.56	16.56	0.045
				75	0	19.61	16.61	0.046
	2682.5	41515		1	0	19.96	16.96	0.050
				1	37	19.74	16.74	0.047
				1	74	19.80	16.80	0.048
				36	0	18.78	15.78	0.038
				36	29	18.67	15.67	0.037
				36	30	18.67	15.67	0.037
				75	0	18.72	15.72	0.037

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	2506	39750	20	1	0	21.09	18.09	0.064
				1	49	21.04	18.04	0.064
				1	99	21.05	18.05	0.064
				50	0	20.25	17.25	0.053
				50	24	20.22	17.22	0.053
				50	50	20.15	17.15	0.052
	2593	40620		100	0	20.15	17.15	0.052
				1	0	22.52	19.52	0.090
				1	49	22.46	19.46	0.088
				1	99	22.70	19.70	0.093
				50	0	21.62	18.62	0.073
				50	24	21.59	18.59	0.072
	2680	41490		50	50	21.63	18.63	0.073
				100	0	21.58	18.58	0.072
				1	0	21.64	18.64	0.073
				1	49	21.48	18.48	0.070
				1	99	21.63	18.63	0.073
				50	0	20.70	17.70	0.059
16QAM	2506	39750	50	24	20.74	17.74	0.059	
			50	50	20.63	17.63	0.058	
			100	0	20.69	17.69	0.059	
			1	0	20.39	17.39	0.055	
			1	49	20.32	17.32	0.054	
			1	99	20.43	17.43	0.055	
	2593	40620	50	0	19.22	16.22	0.042	
			50	24	19.17	16.17	0.041	
			50	50	19.15	16.15	0.041	
			100	0	19.14	16.14	0.041	
			1	0	21.94	18.94	0.078	
			1	49	21.88	18.88	0.077	
	2680	41490	1	99	22.10	19.10	0.081	
			50	0	20.63	17.63	0.058	
			50	24	20.63	17.63	0.058	
			50	50	20.65	17.65	0.058	
			100	0	20.65	17.65	0.058	
			1	0	20.56	17.56	0.057	
			1	49	20.44	17.44	0.055	
			1	99	20.56	17.56	0.057	
			50	0	19.74	16.74	0.047	
			50	24	19.77	16.77	0.048	
			50	50	19.63	16.63	0.046	
			100	0	19.80	16.80	0.048	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	2506	39750	20	1	0	19.26	16.26	0.042
				1	49	19.23	16.23	0.042
				1	99	19.14	16.14	0.041
				50	0	18.15	15.15	0.033
				50	24	18.18	15.18	0.033
				50	50	18.13	15.13	0.033
				100	0	18.18	15.18	0.033
	2593	40620		1	0	20.71	17.71	0.059
				1	49	20.56	17.56	0.057
				1	99	20.78	17.78	0.060
				50	0	19.64	16.64	0.046
				50	24	19.64	16.64	0.046
				50	50	19.66	16.66	0.046
				100	0	19.60	16.60	0.046
	2680	41490		1	0	19.73	16.73	0.047
				1	49	19.78	16.78	0.048
				1	99	19.75	16.75	0.047
				50	0	18.82	15.82	0.038
				50	24	18.83	15.83	0.038
				50	50	18.70	15.70	0.037
				100	0	18.80	15.80	0.038