

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
	2593	40620		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
	2687.5	41565		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
	2593	40620	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	
	2687.5	41565	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	
				50	0	20.38	
	2593	40620		1	0	22.65	
				1	25	22.65	
				1	49	22.64	
				25	0	21.78	
				25	12	21.75	
				25	25	21.77	
				50	0	21.77	
	2685	41540		1	0	21.53	
				1	25	21.55	
				1	49	21.59	
				25	0	20.80	
				25	12	20.88	
				25	25	20.78	
				50	0	20.87	
	16QAM	2501		39700	1	0	20.73
					1	25	20.59
					1	49	20.83
25					0	19.47	
25					12	19.39	
25					25	19.38	
50					0	19.38	
2593		40620		1	0	21.88	
				1	25	22.00	
				1	49	21.93	
				25	0	20.75	
				25	12	20.77	
				25	25	20.87	
				50	0	20.75	
2685		41540		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	
				75	0	20.17	
	2593	40620		1	0	22.44	
				1	37	22.40	
				1	74	22.50	
				36	0	21.63	
				36	29	21.61	
				36	30	21.61	
				75	0	21.60	
	2682.5	41515		1	0	21.55	
				1	37	21.52	
				1	74	21.51	
				36	0	20.68	
				36	29	20.61	
				36	30	20.64	
				75	0	20.64	
	16QAM	2503.5		39725	1	0	20.42
					1	37	20.38
					1	74	20.33
36					0	19.25	
36					29	19.13	
36					30	19.20	
75					0	19.11	
2593		40620	1	0	21.87		
			1	37	21.89		
			1	74	22.00		
			36	0	20.60		
			36	29	20.63		
			36	30	20.61		
			75	0	20.59		
2682.5		41515	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	
				100	0	20.15	
	2593	40620		1	0	22.52	
				1	49	22.46	
				1	99	22.70	
				50	0	21.62	
				50	24	21.59	
				50	50	21.63	
				100	0	21.58	
	2680	41490		1	0	21.64	
				1	49	21.48	
				1	99	21.63	
				50	0	20.70	
				50	24	20.74	
				50	50	20.63	
				100	0	20.69	
	16QAM	2506		39750	1	0	20.39
					1	49	20.32
					1	99	20.43
50					0	19.22	
50					24	19.17	
50					50	19.15	
100					0	19.14	
2593		40620	1	0	21.94		
			1	49	21.88		
			1	99	22.10		
			50	0	20.63		
			50	24	20.63		
			50	50	20.65		
			100	0	20.65		
2680		41490	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

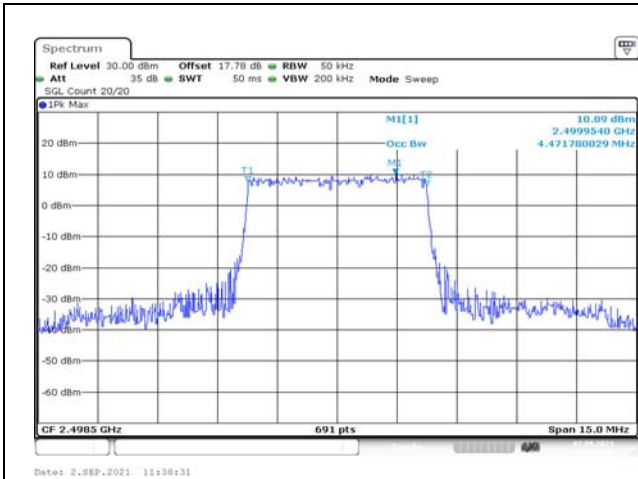


Fig.1

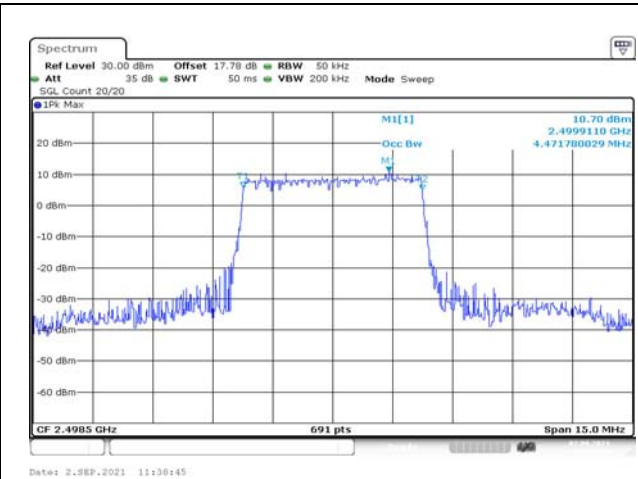


Fig.2

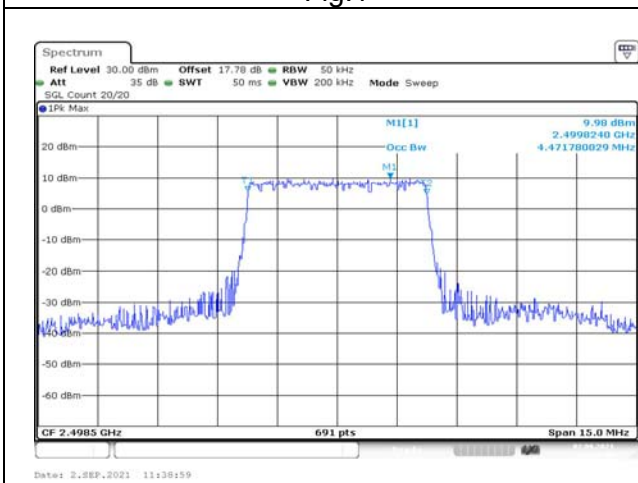


Fig.3

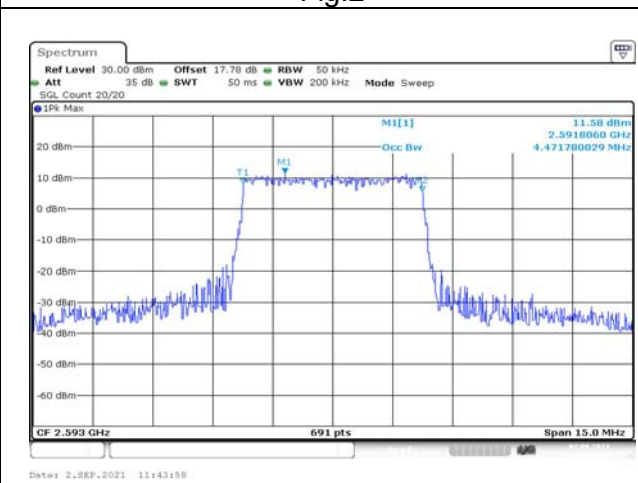


Fig.4

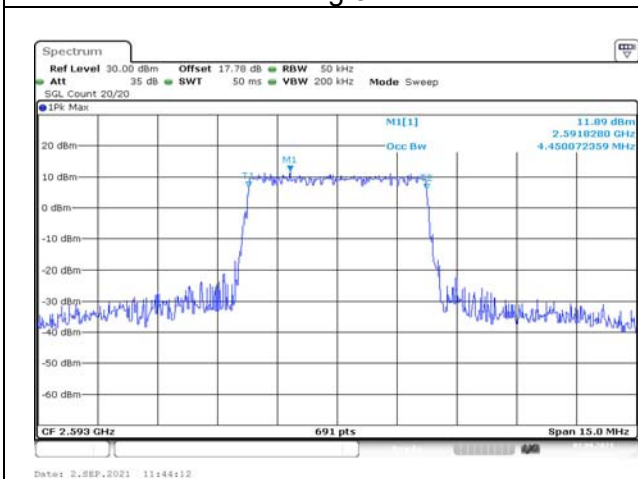


Fig.5

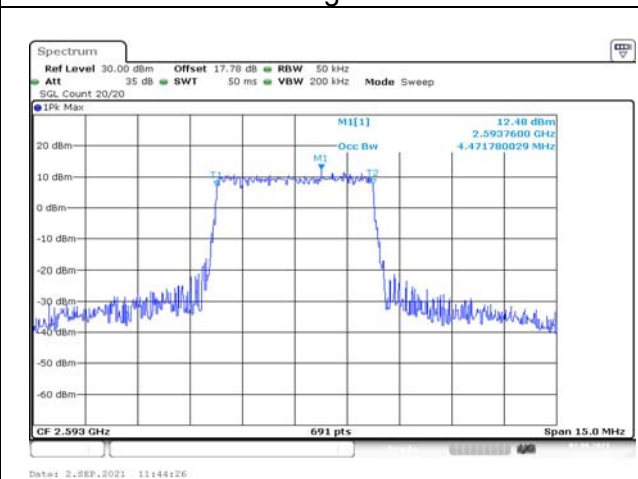
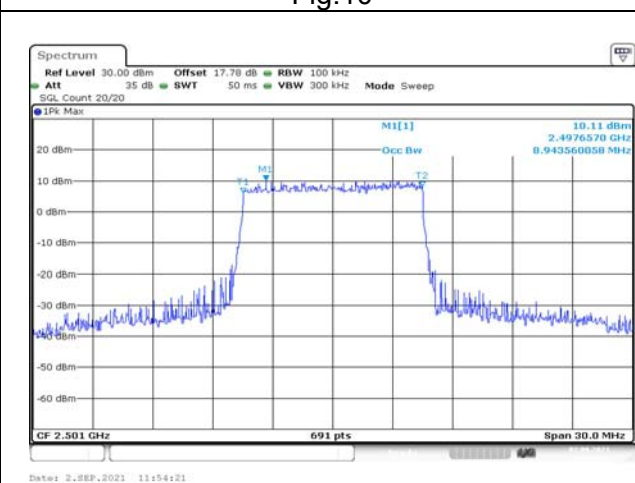
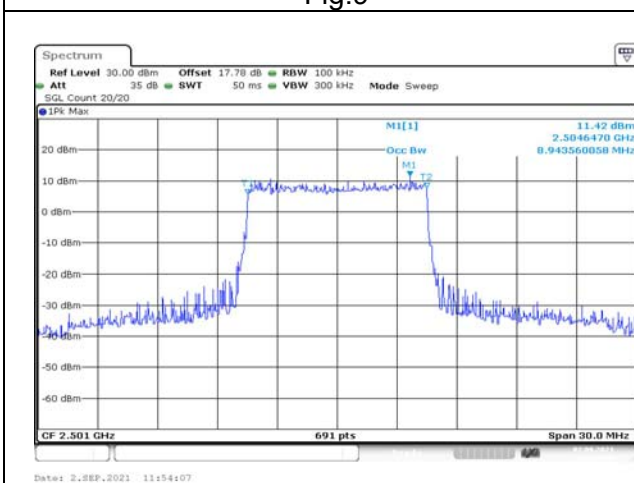
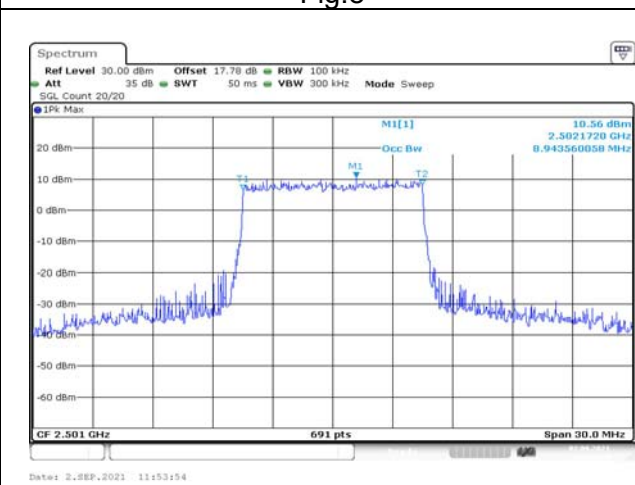
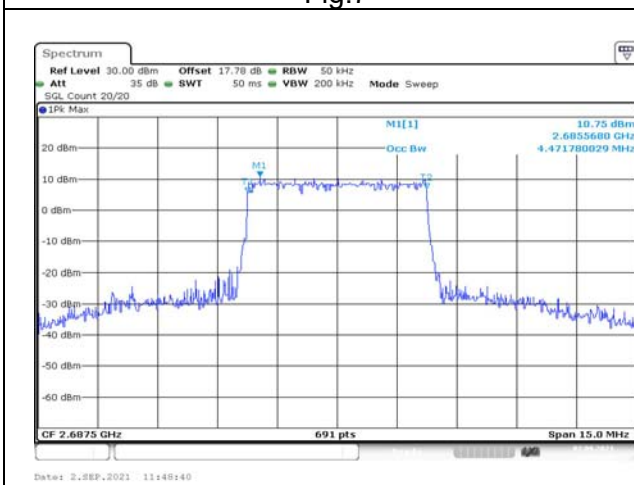
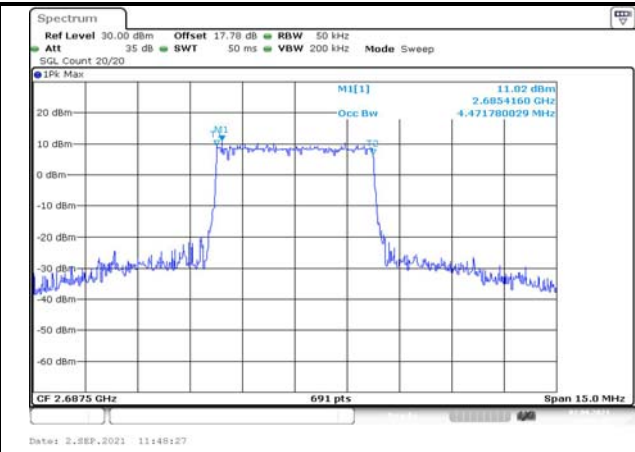
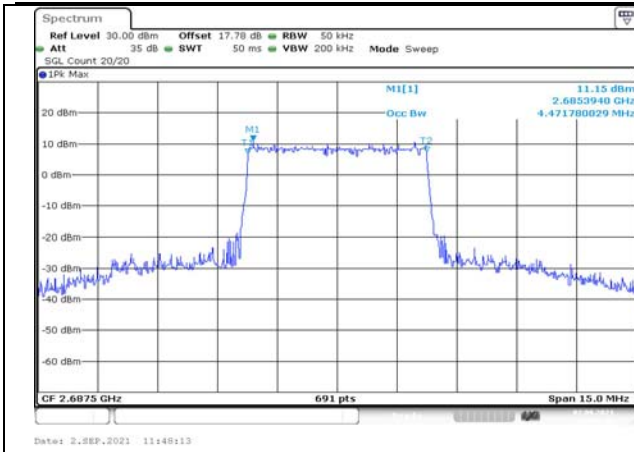


Fig.6



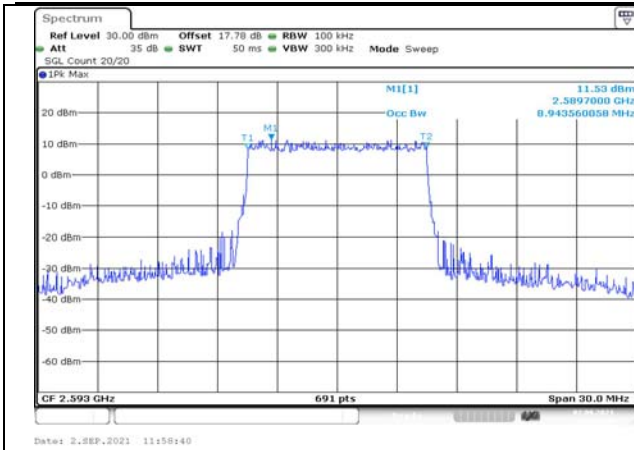


Fig.13

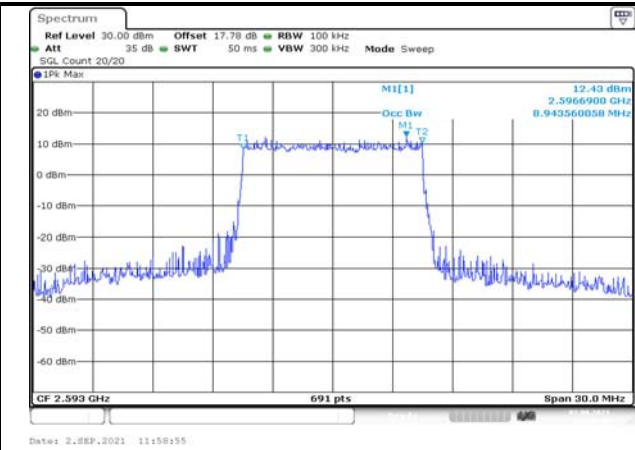


Fig.14

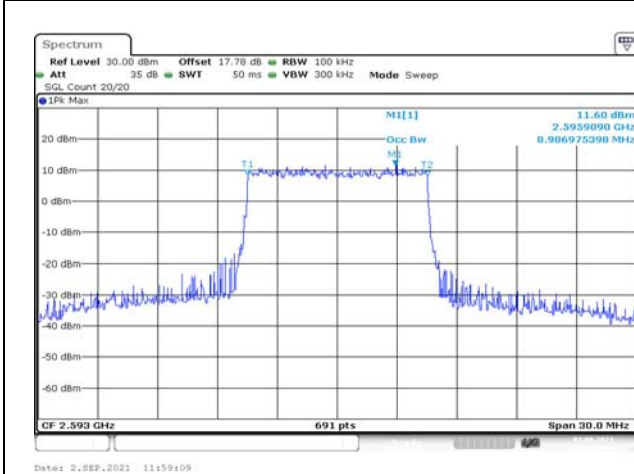


Fig.15

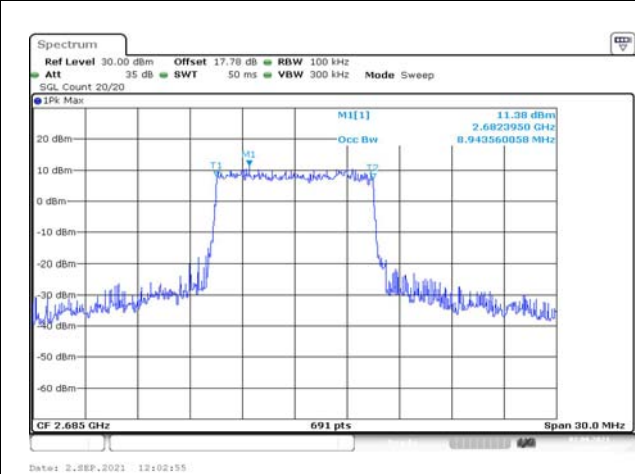


Fig.16

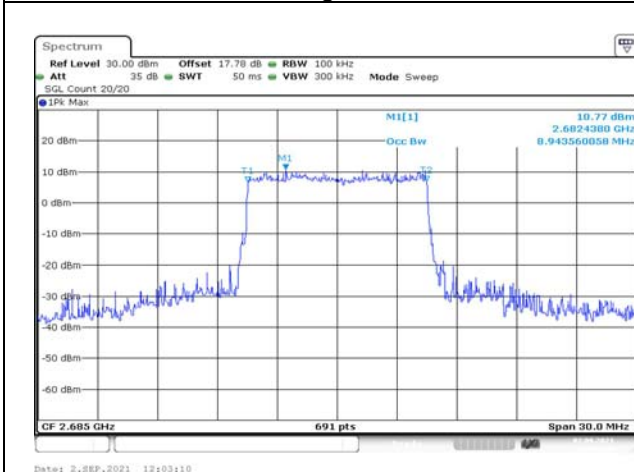


Fig.17

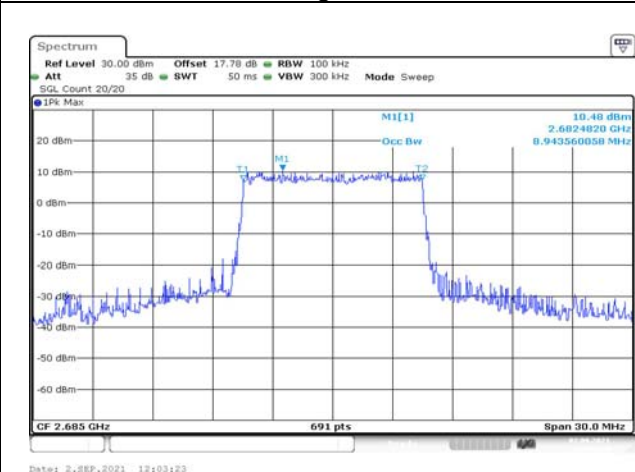
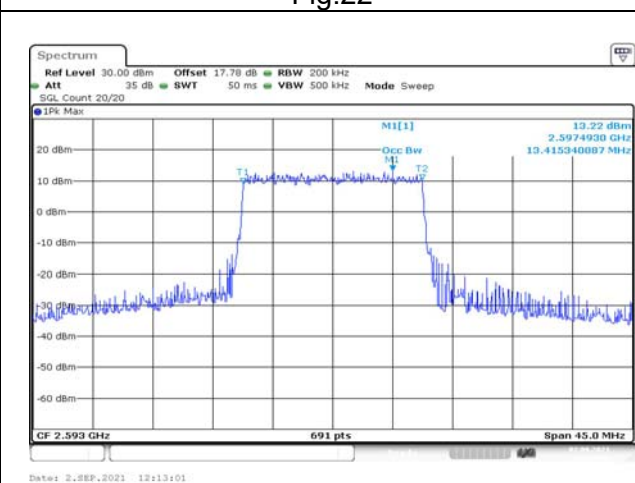
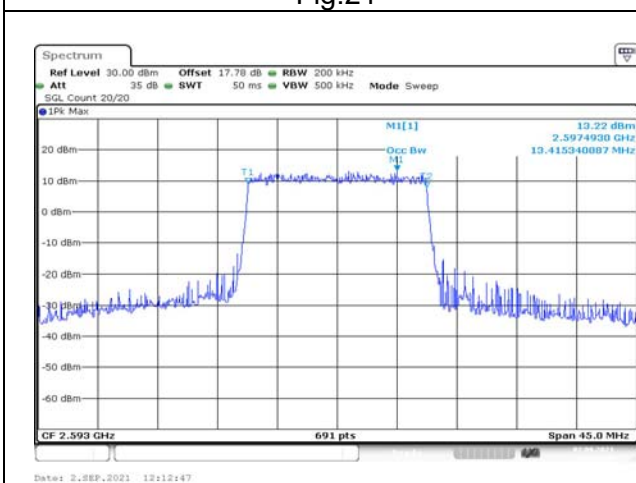
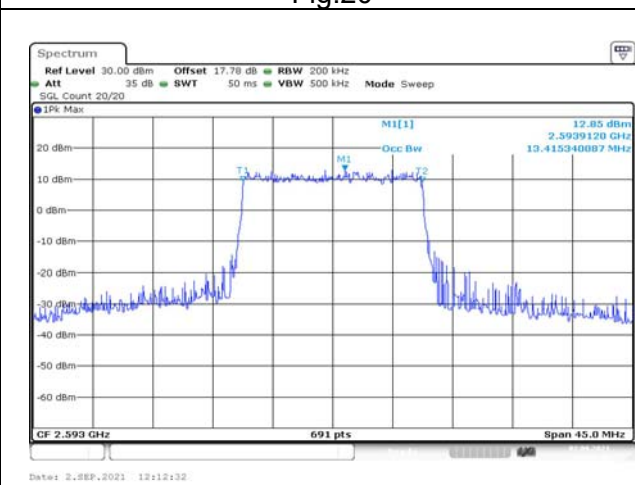
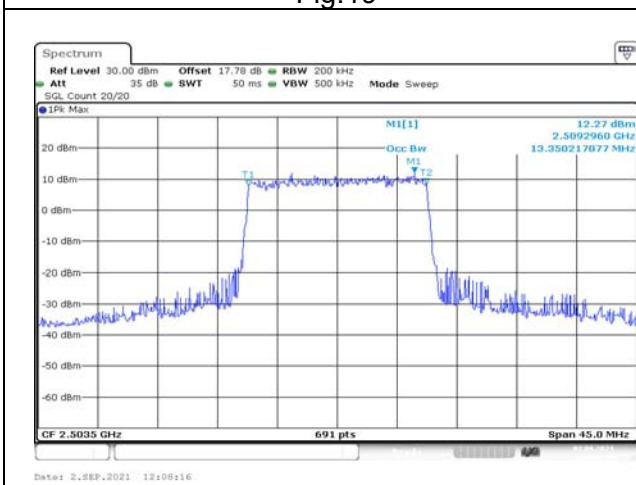
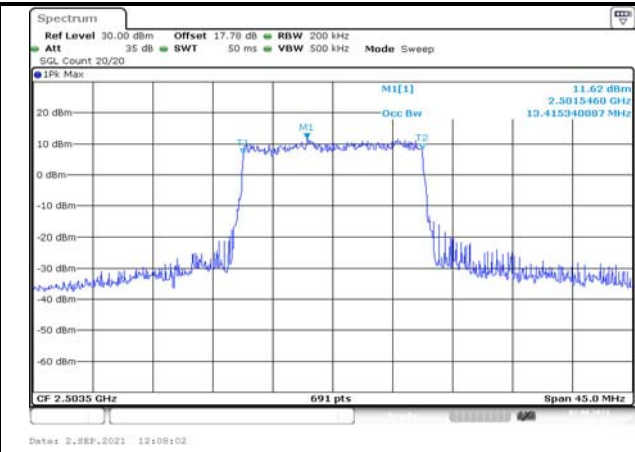
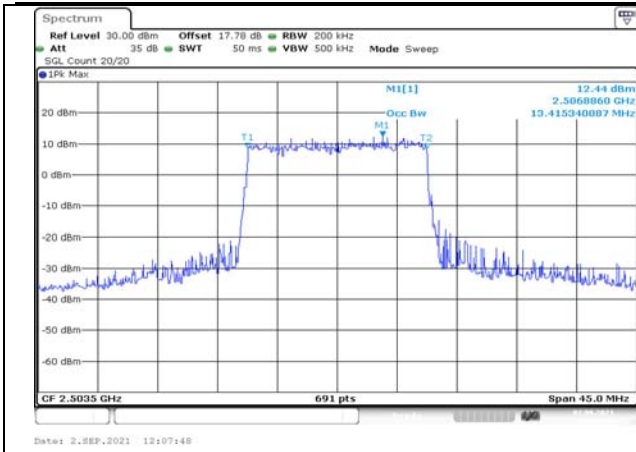
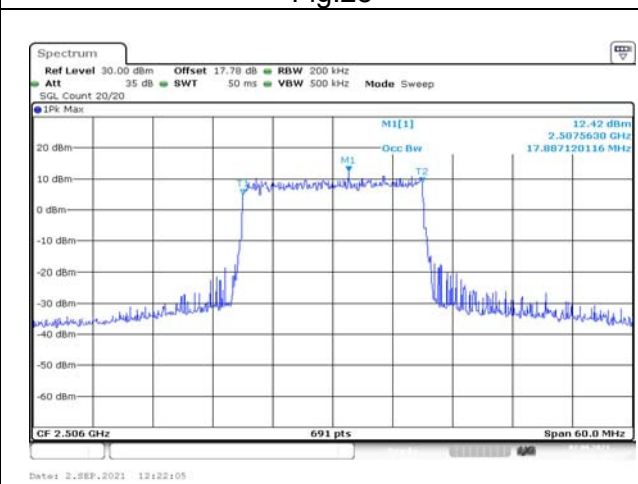
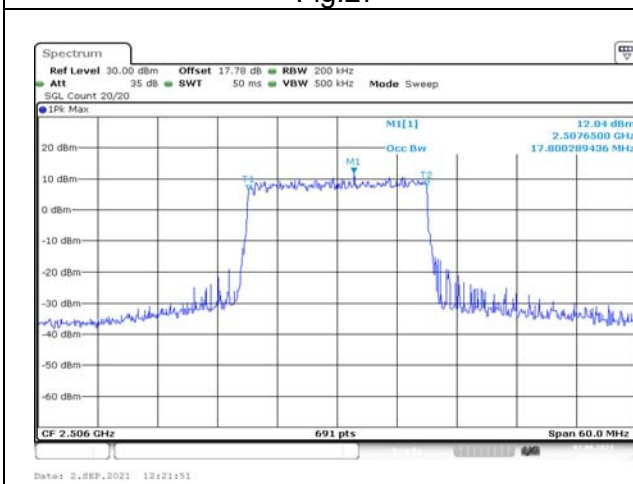
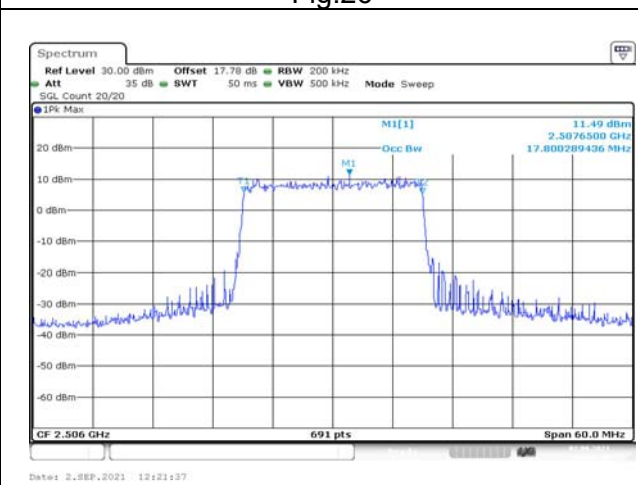
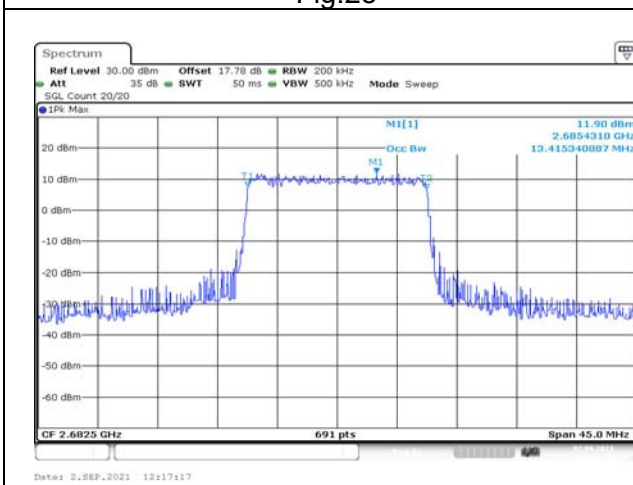
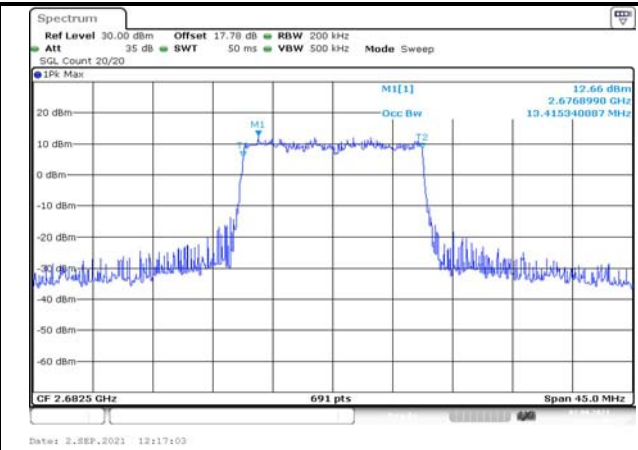
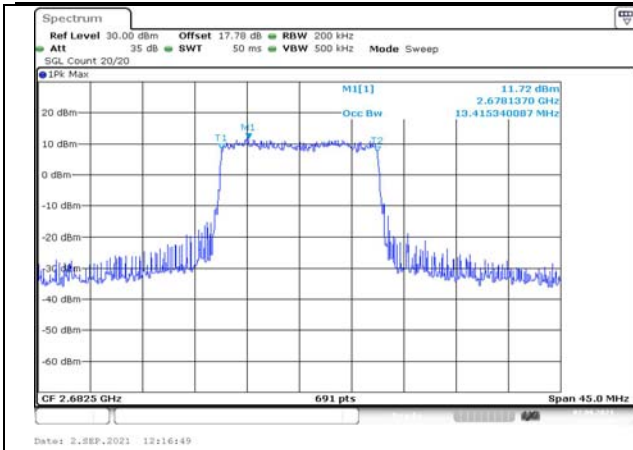
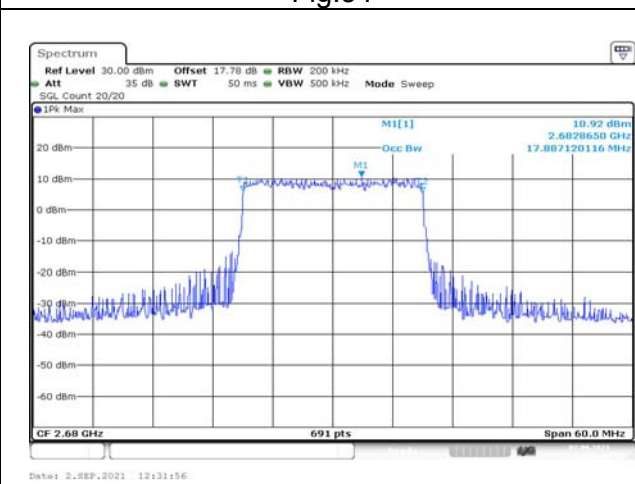
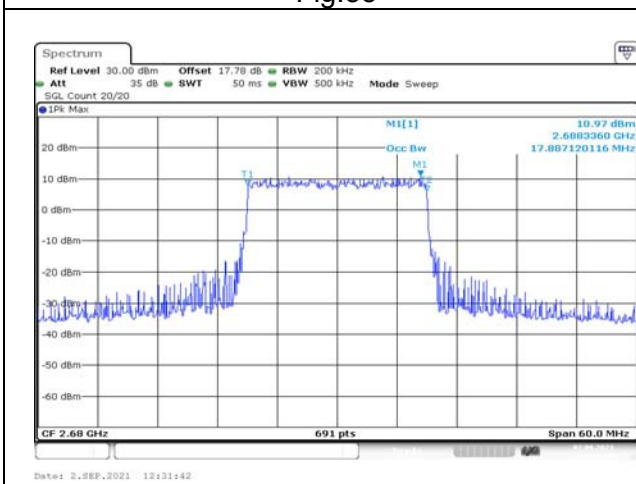
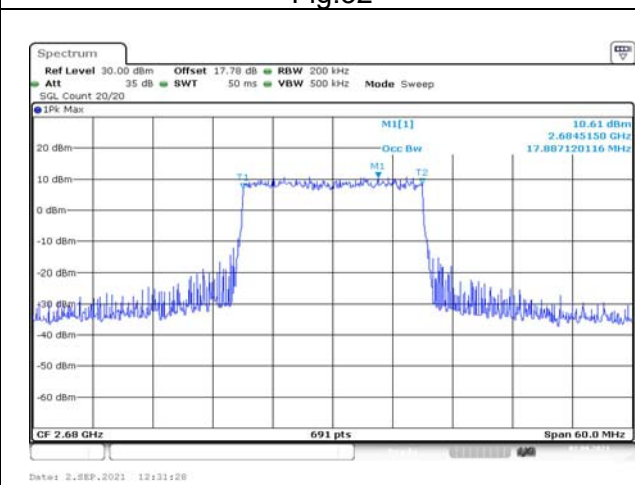
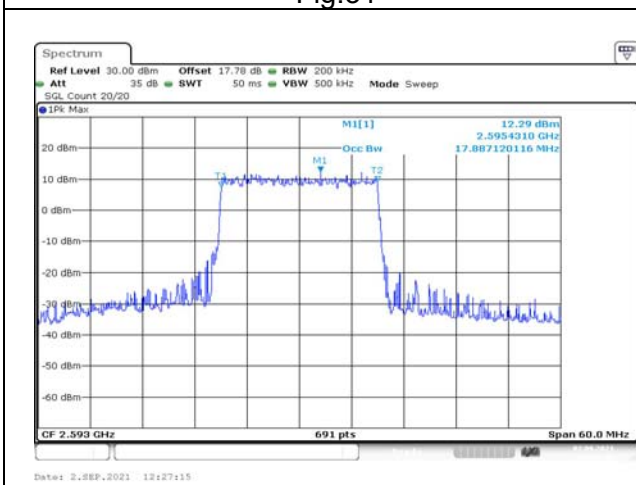
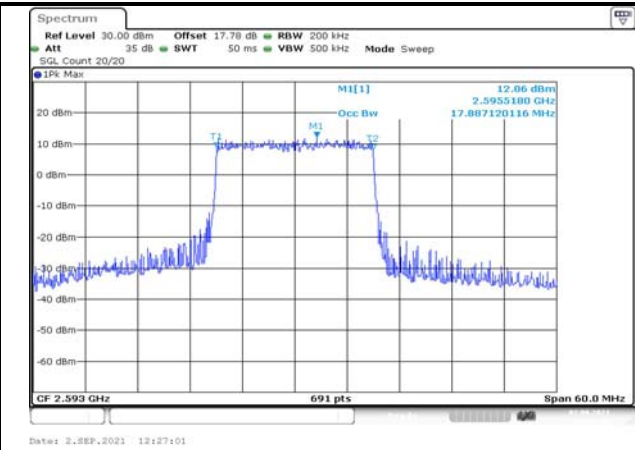
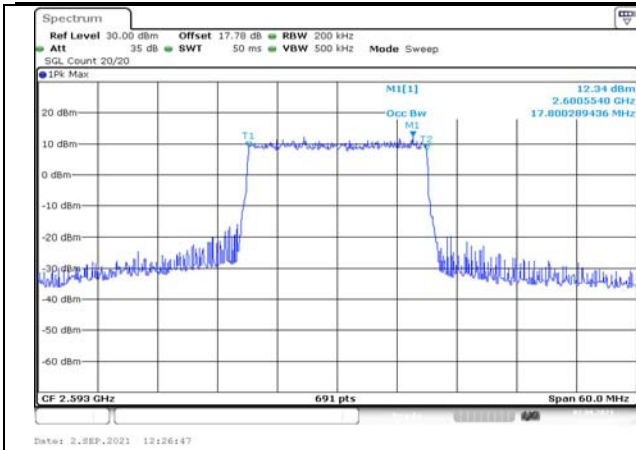


Fig.18







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

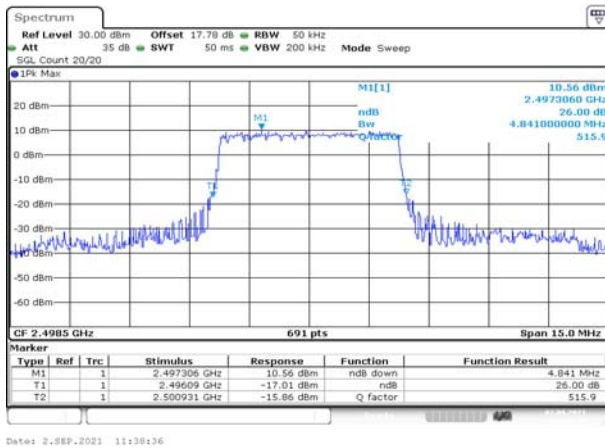


Fig.1

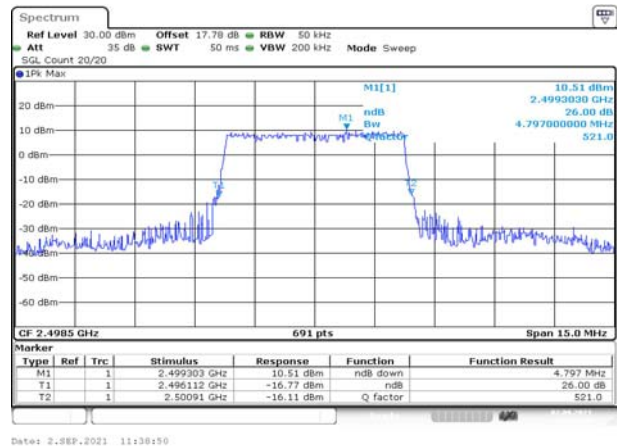


Fig.2

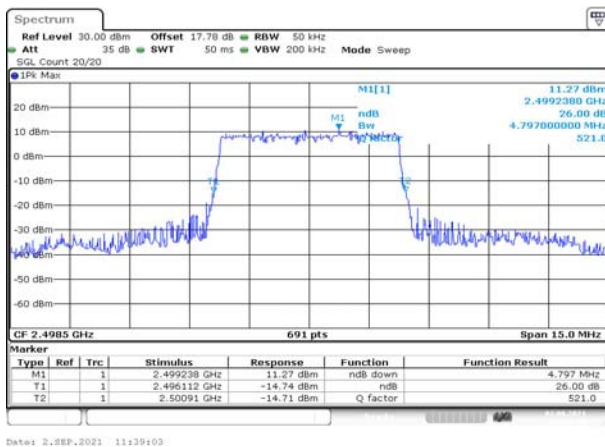


Fig.3

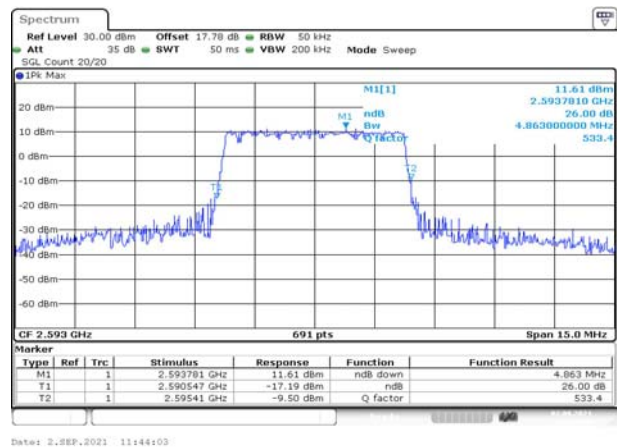


Fig.4

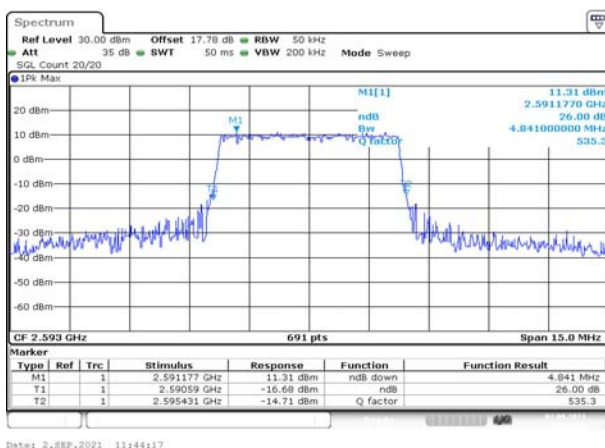


Fig.5

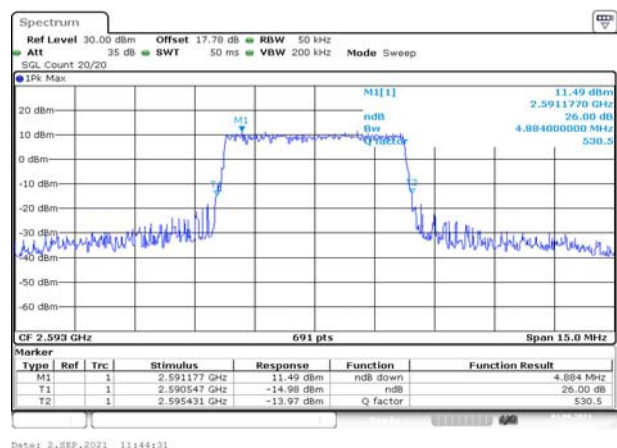


Fig.6

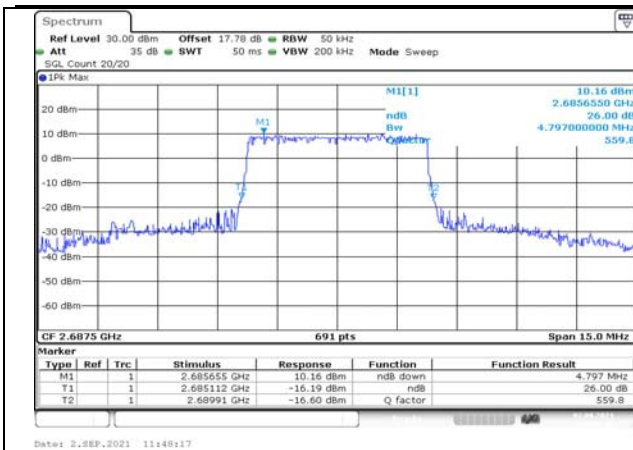


Fig.7

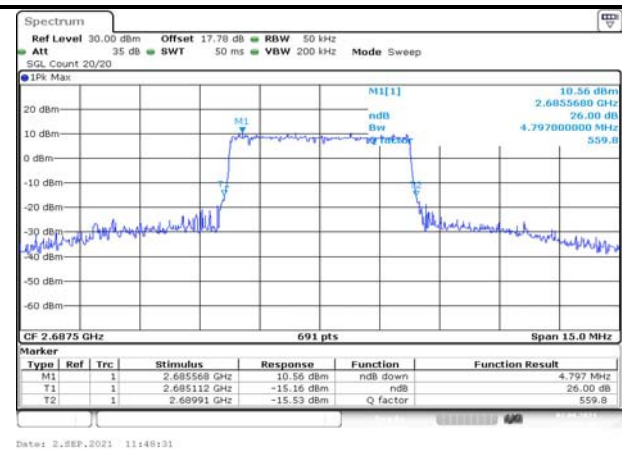


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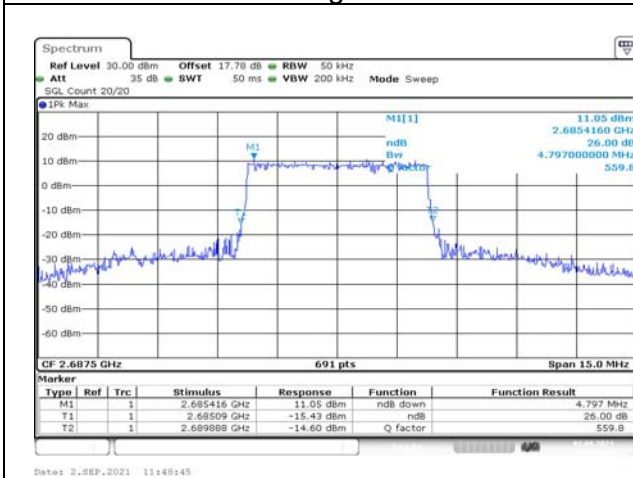


Fig.9



Fig.10

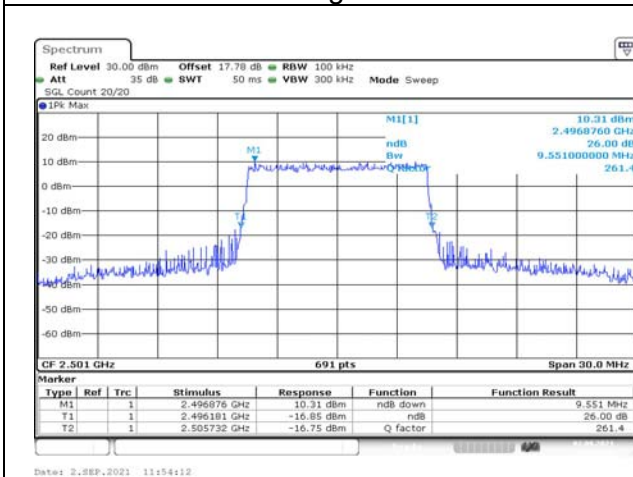


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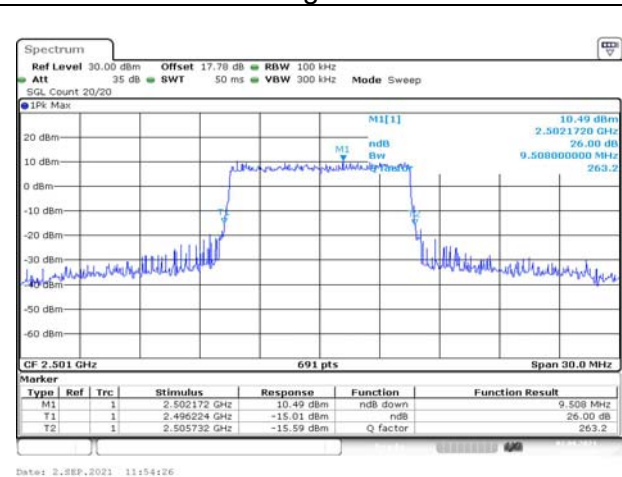


Fig.12

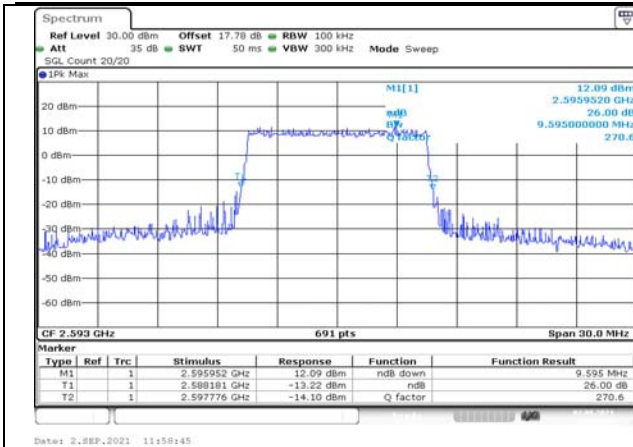


Fig.13

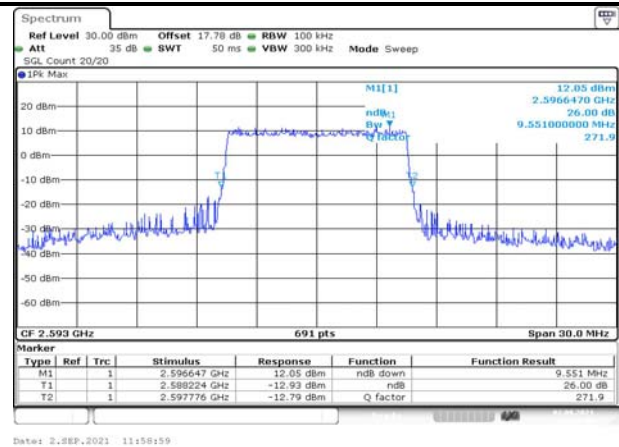


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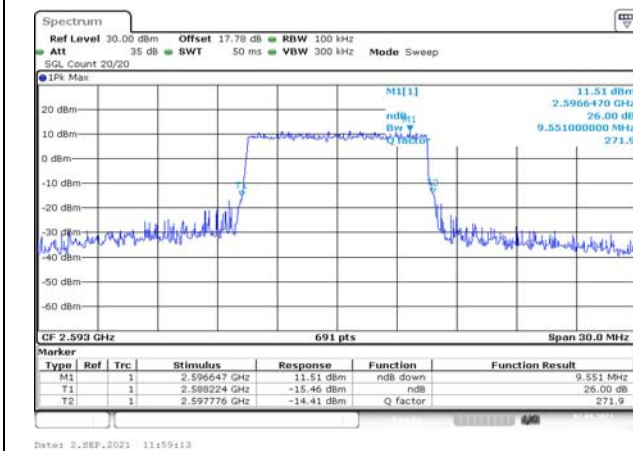


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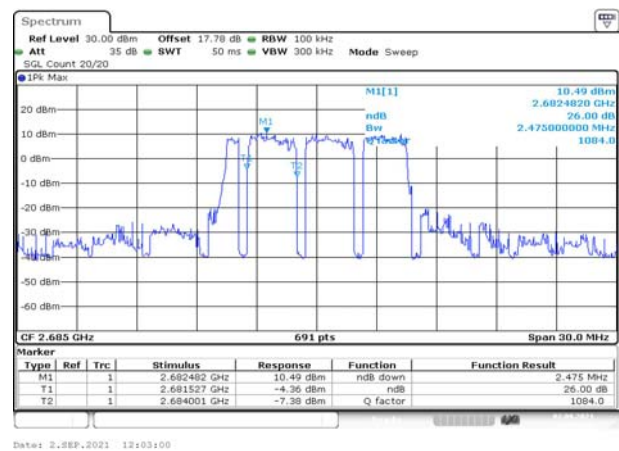


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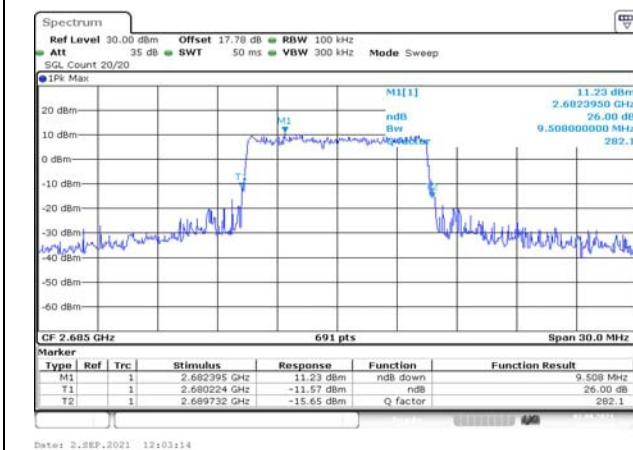


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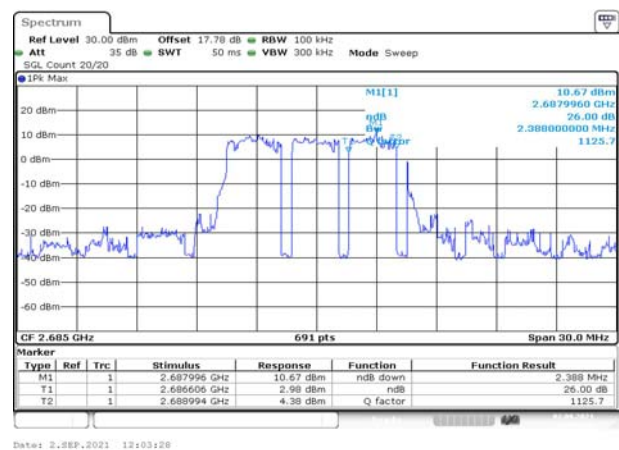


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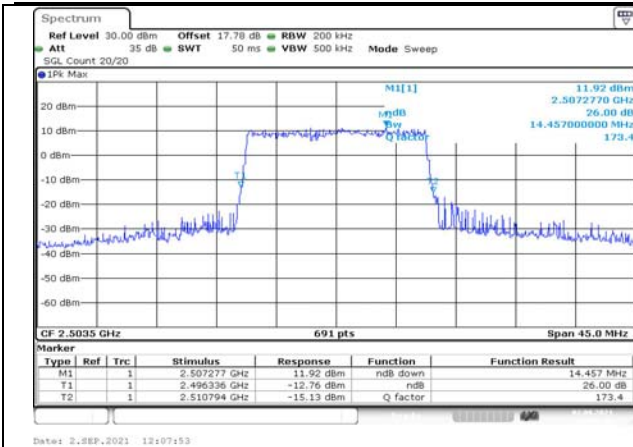


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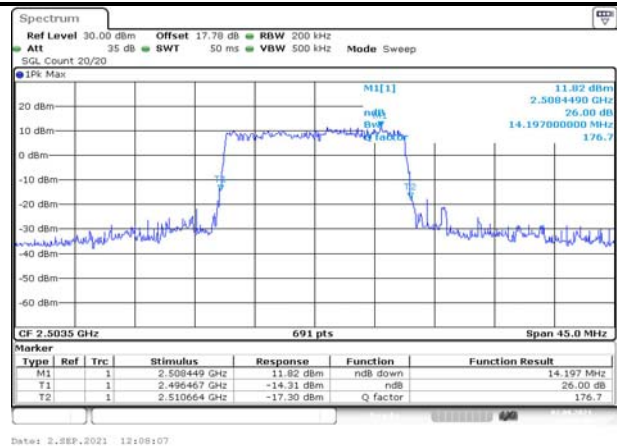


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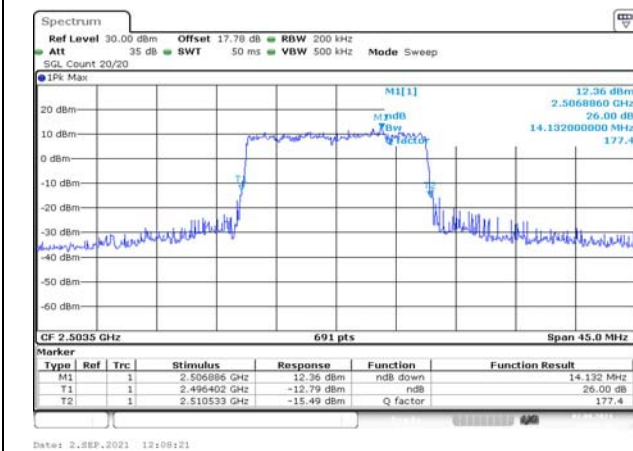


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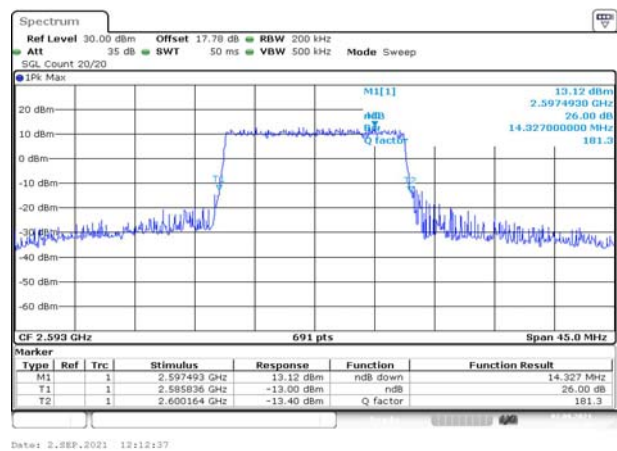


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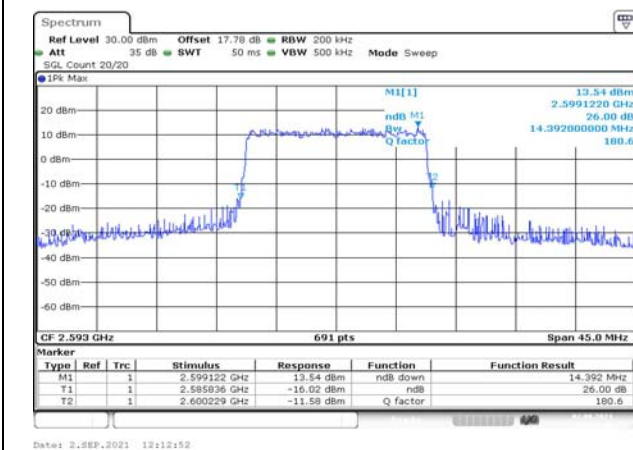


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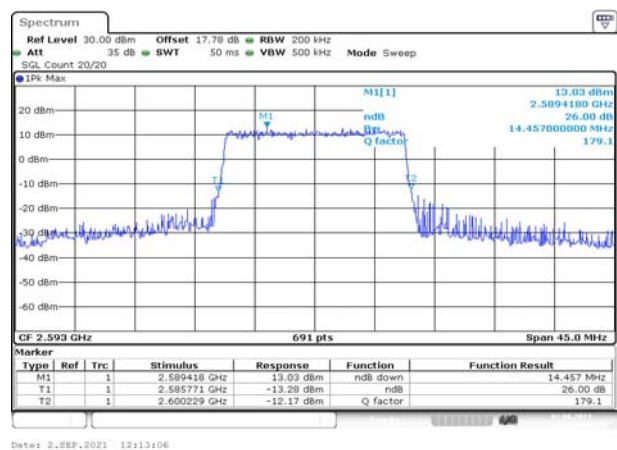


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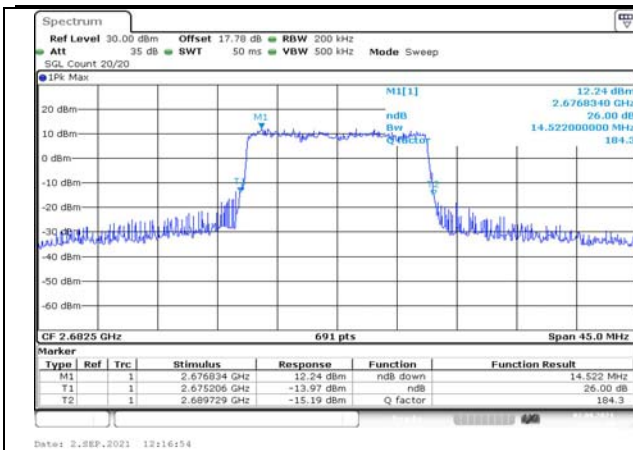


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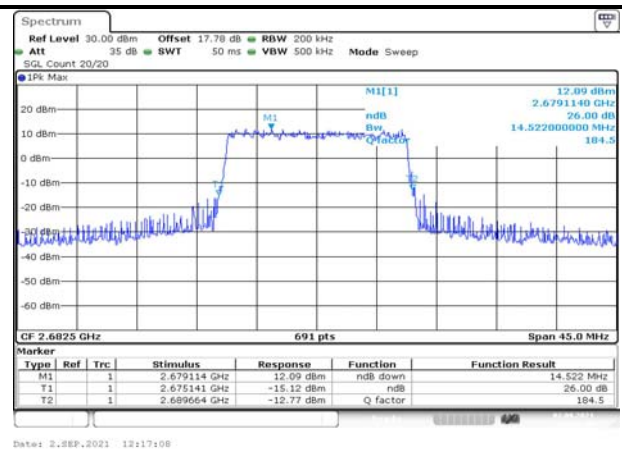


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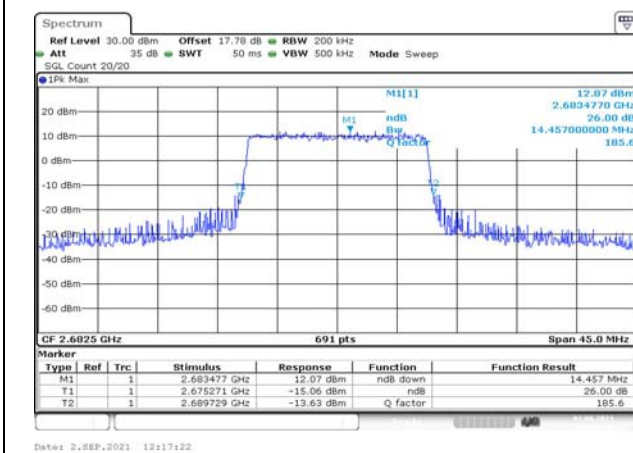


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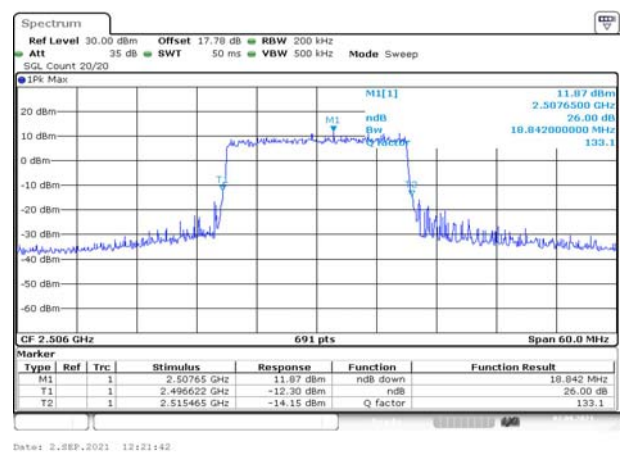


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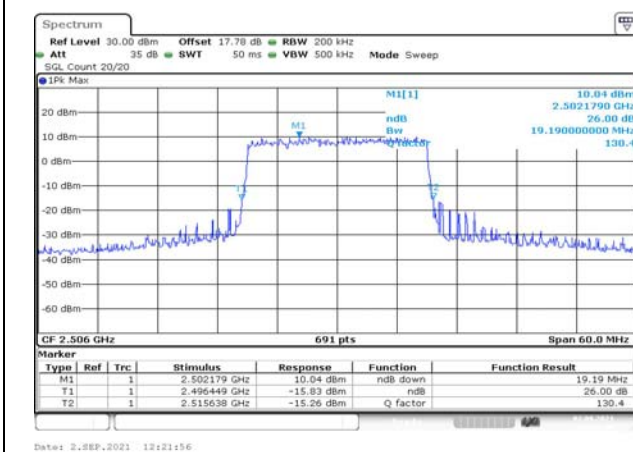


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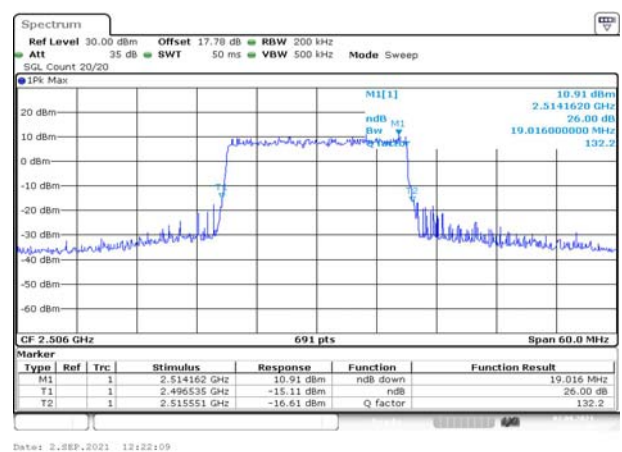


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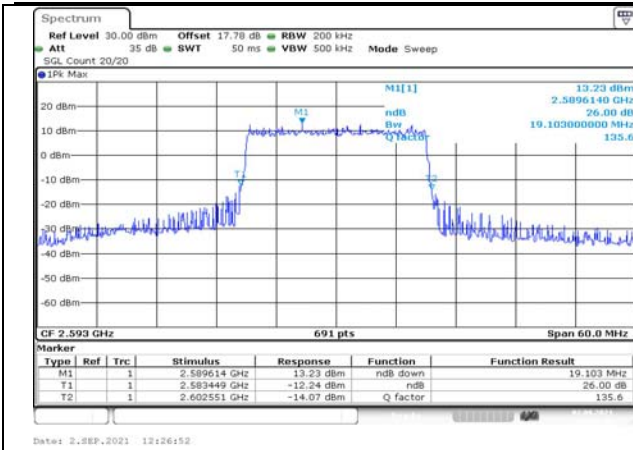


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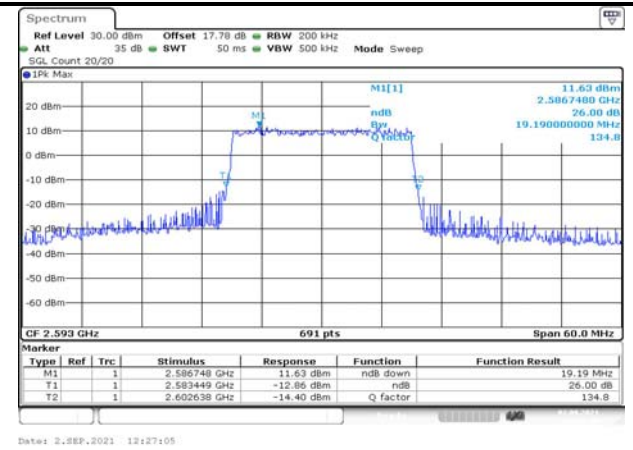


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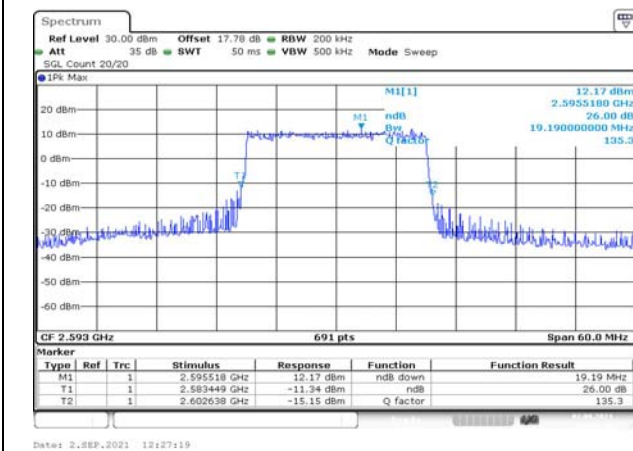


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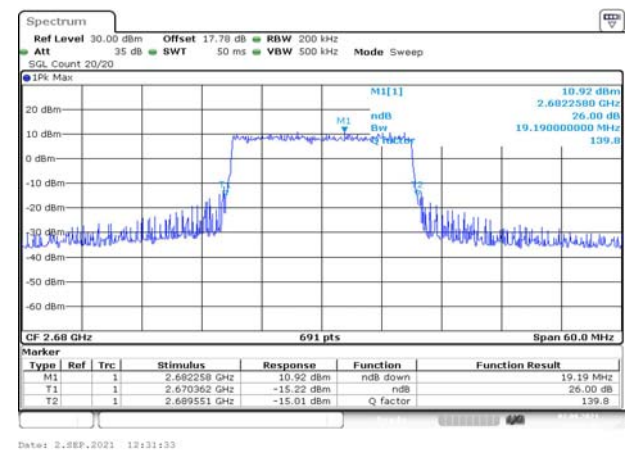


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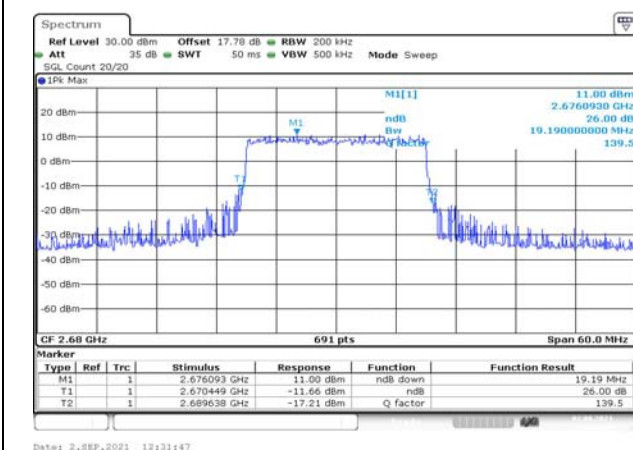


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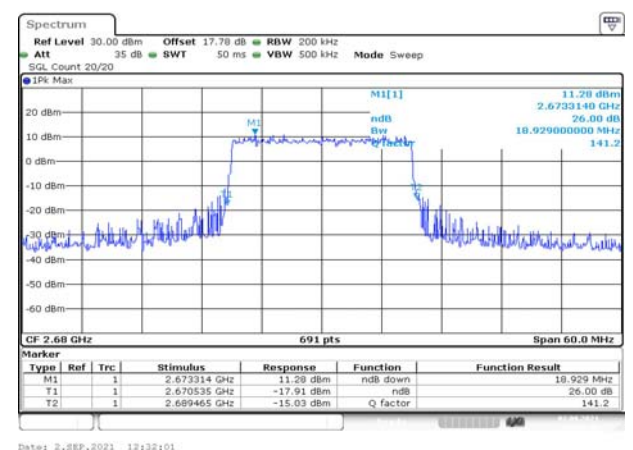


Fig.36

4 Peak-Average Ratio

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	QPSK	16-QAM	64-QAM
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

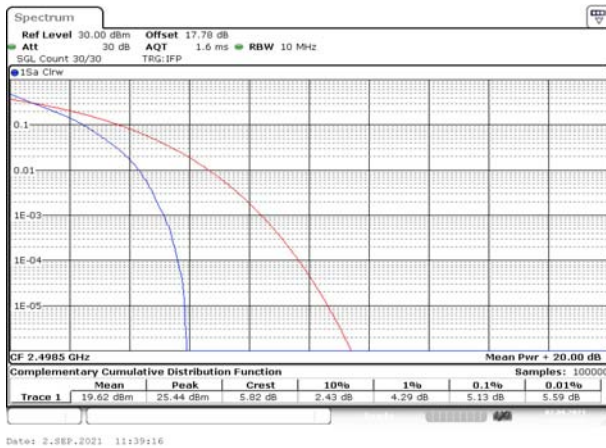


Fig.1

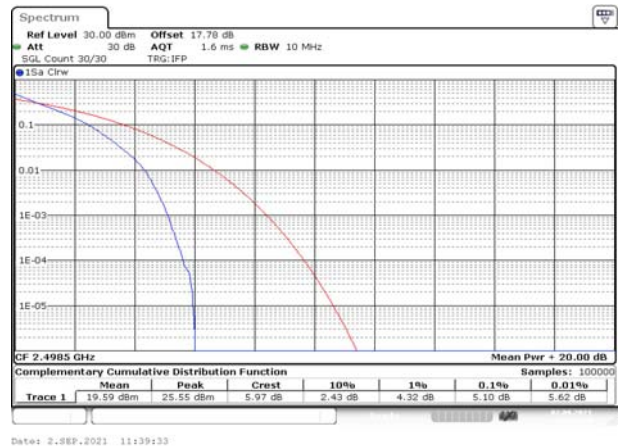


Fig.2

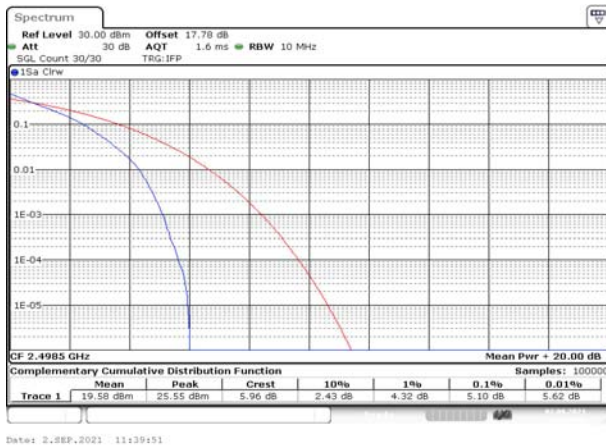


Fig.3

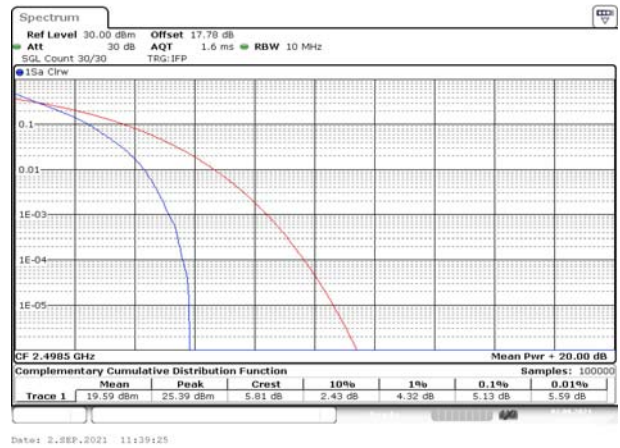


Fig.4

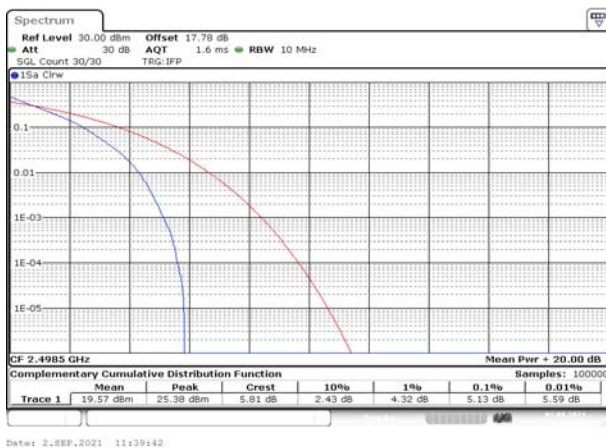


Fig.5

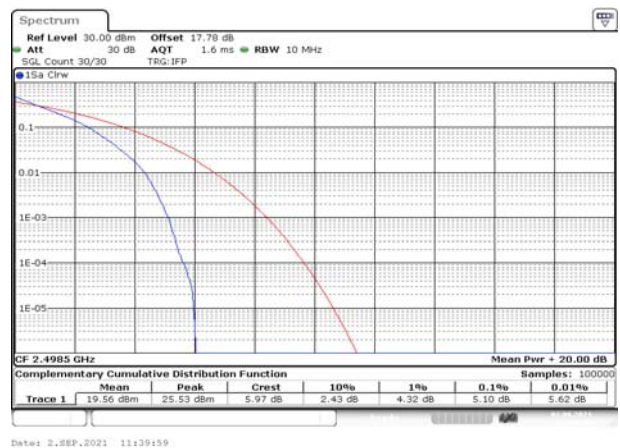


Fig.6

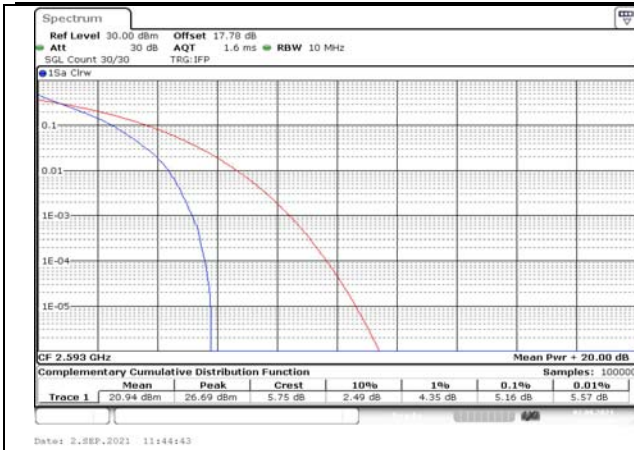


Fig.7

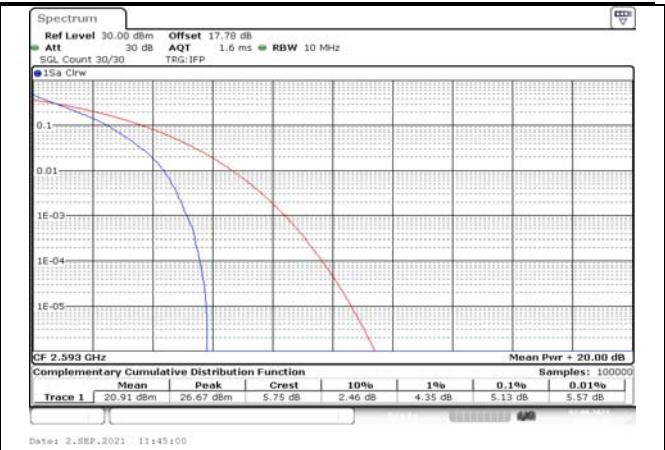


Fig.8

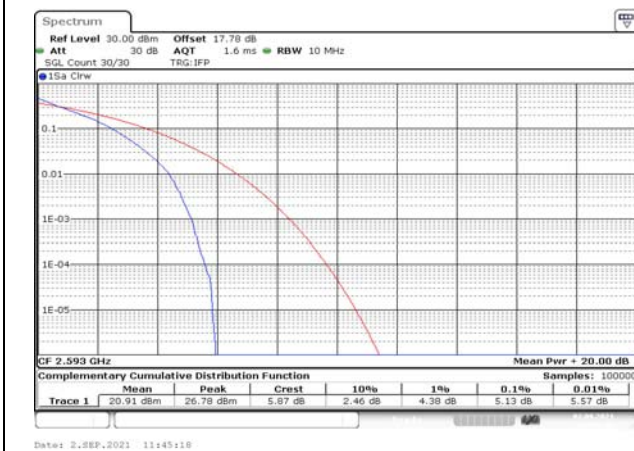


Fig.9

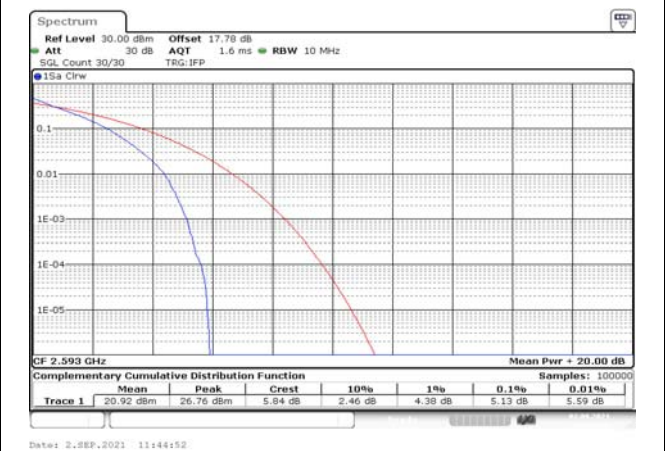


Fig.10

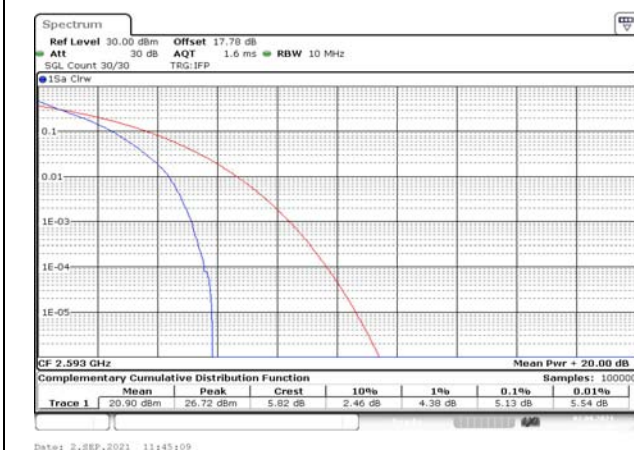


Fig.11

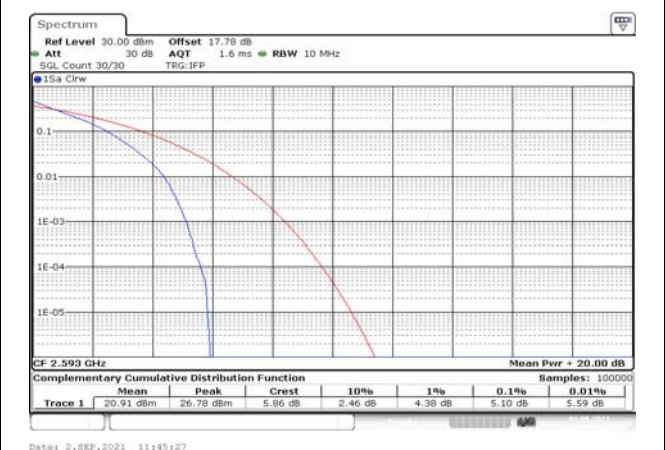


Fig.12

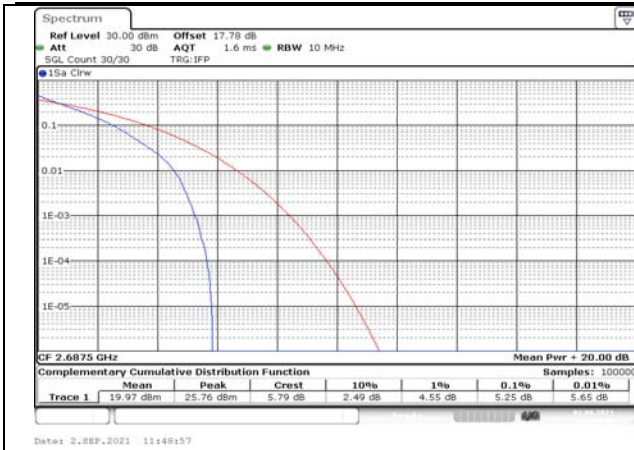


Fig.13

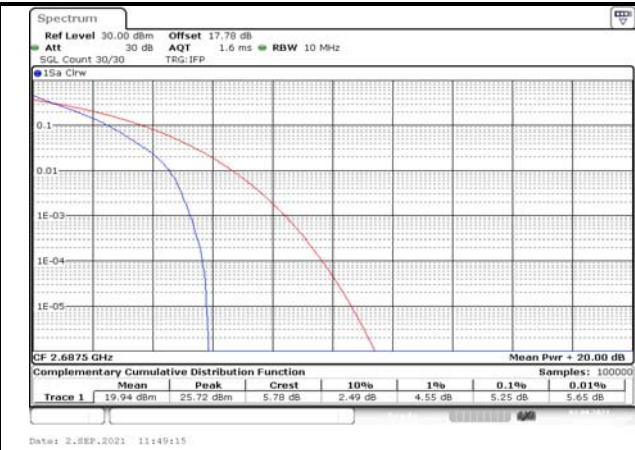


Fig.14

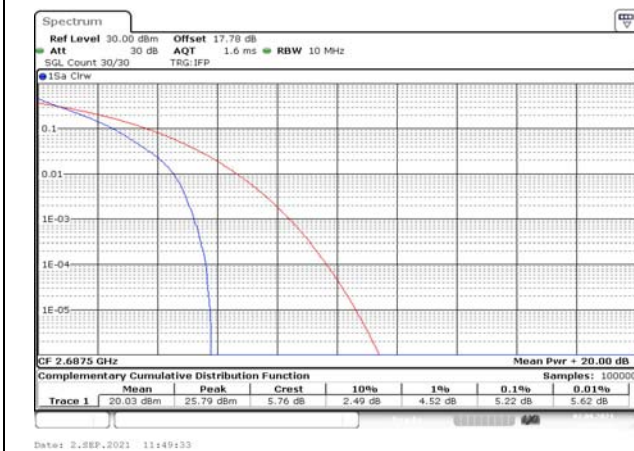


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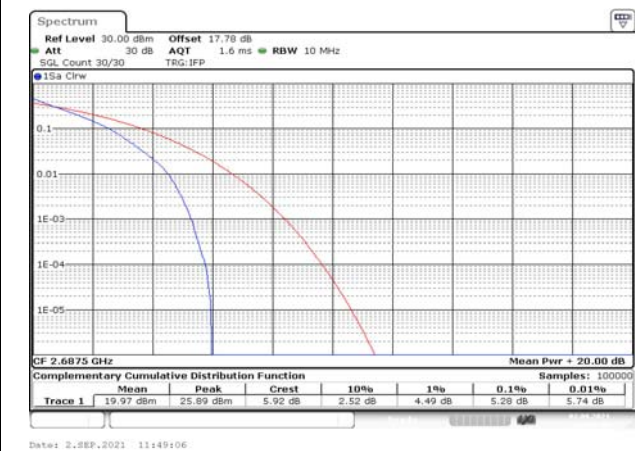


Fig.16

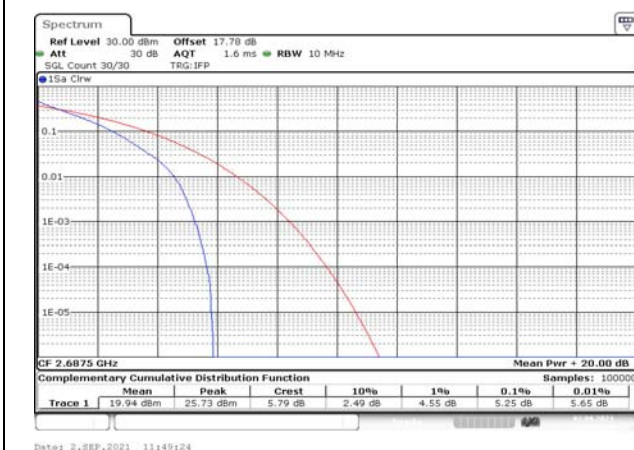


Fig.17

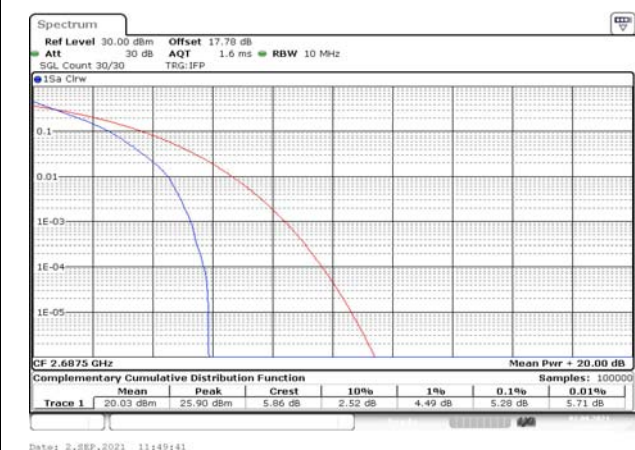


Fig.18

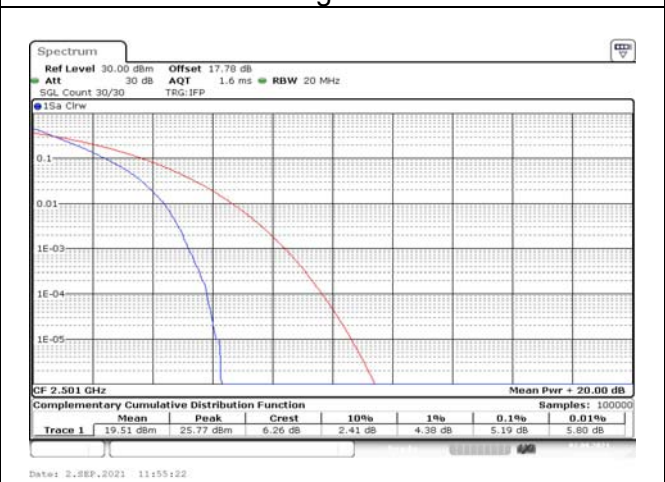
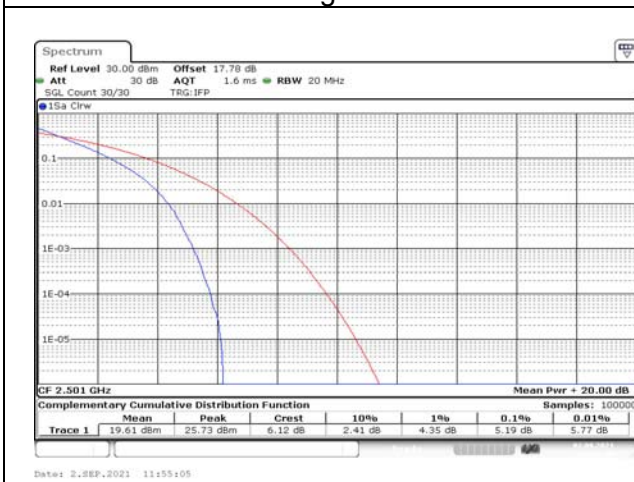
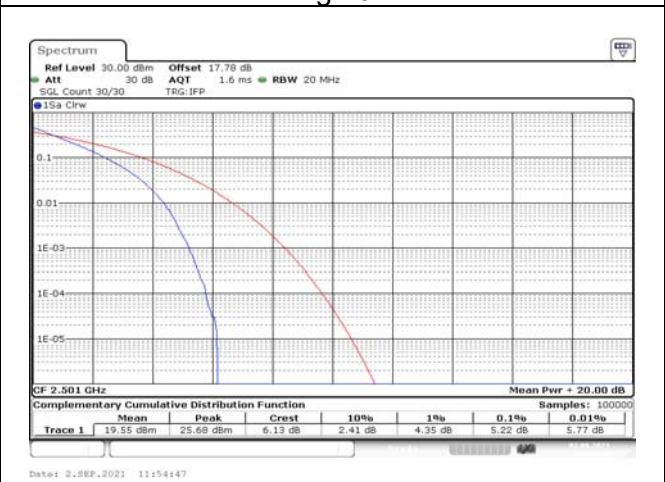
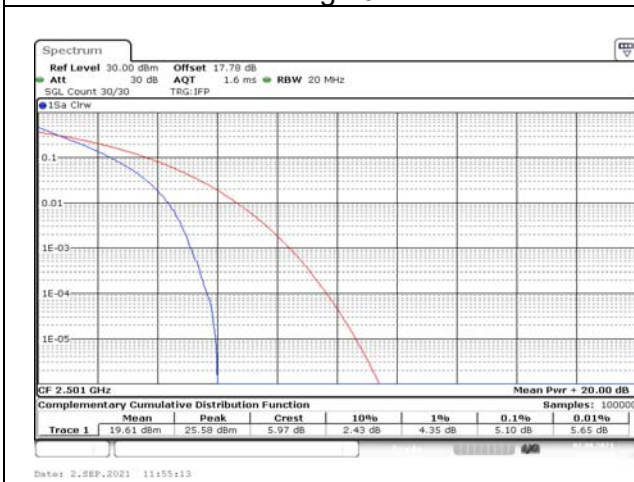
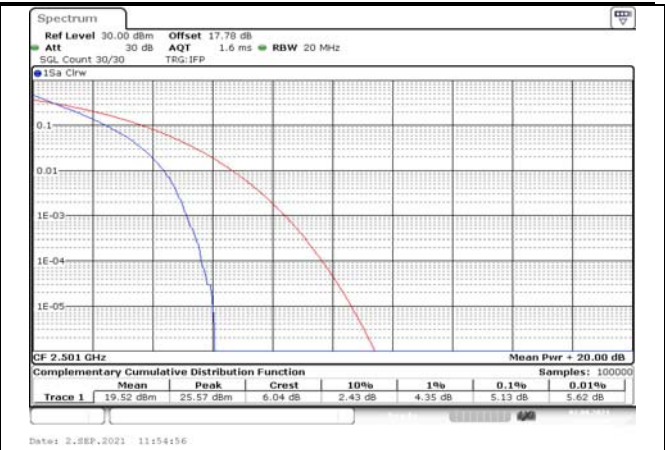
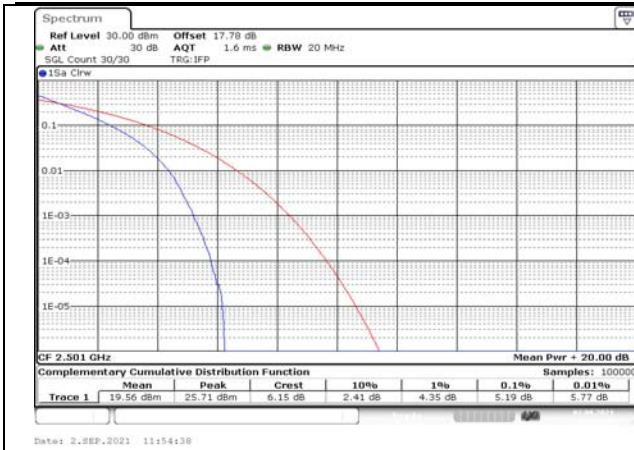




Fig.25

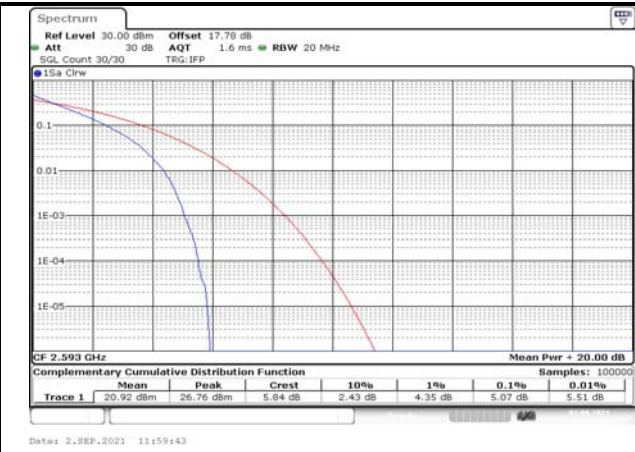


Fig.26

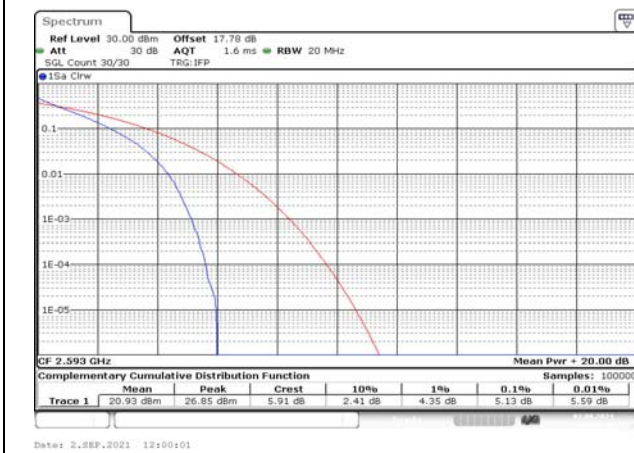


Fig.27

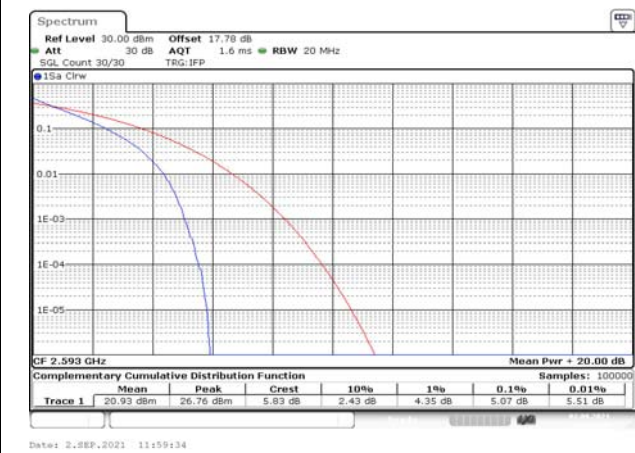


Fig.28

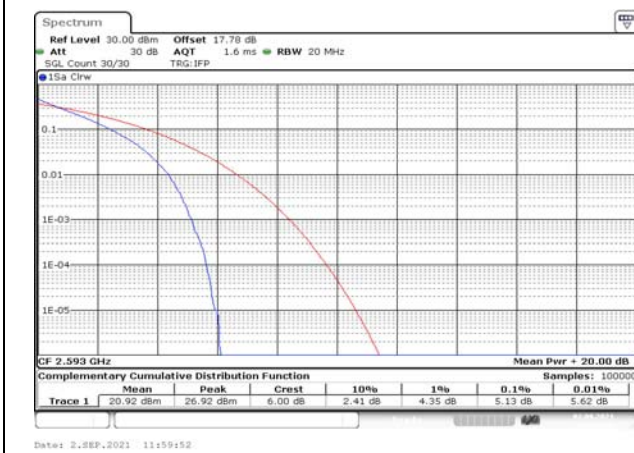


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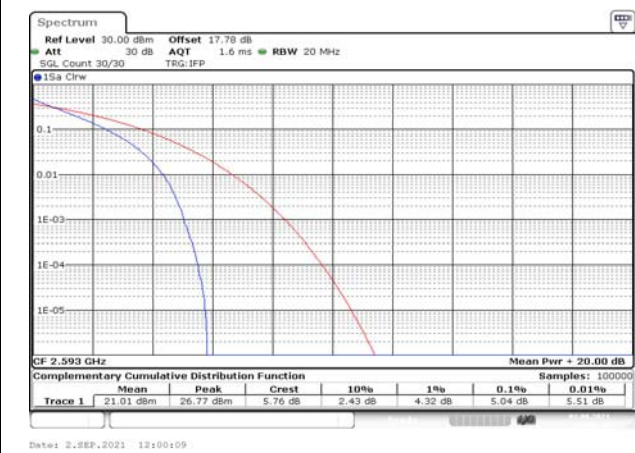


Fig.30

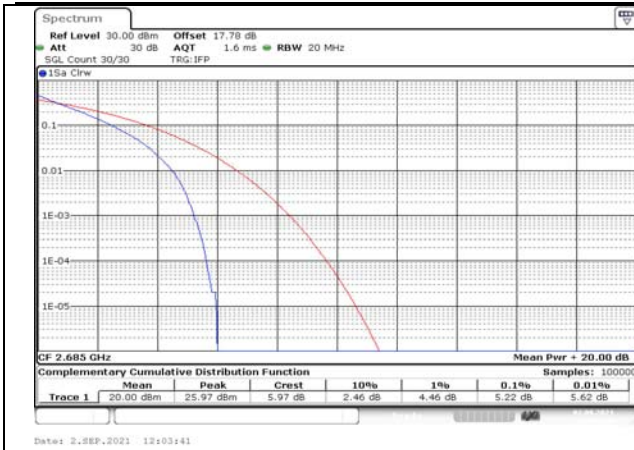


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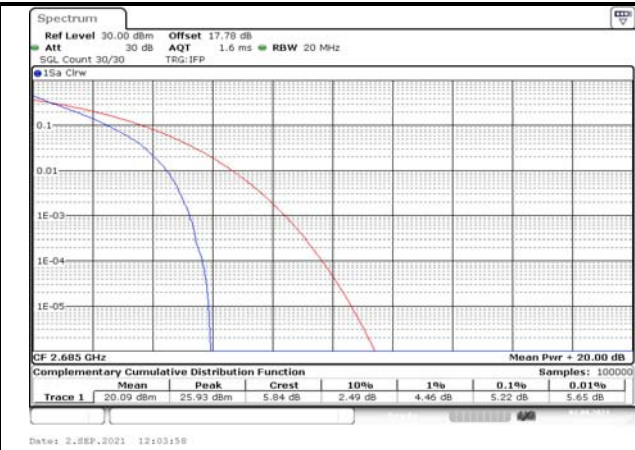


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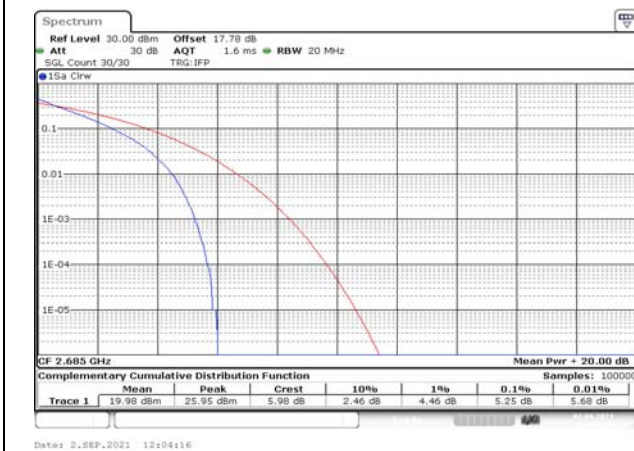


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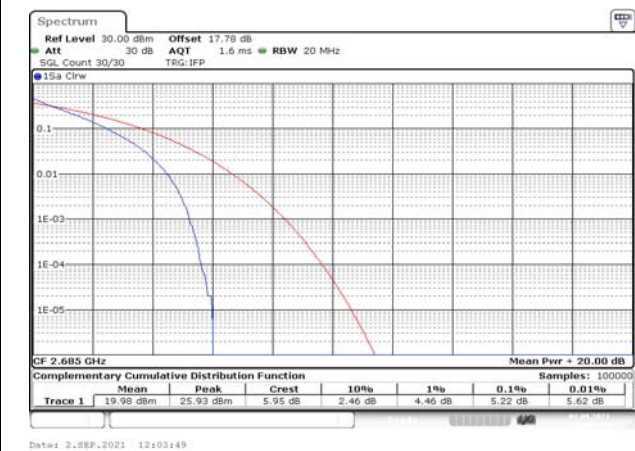


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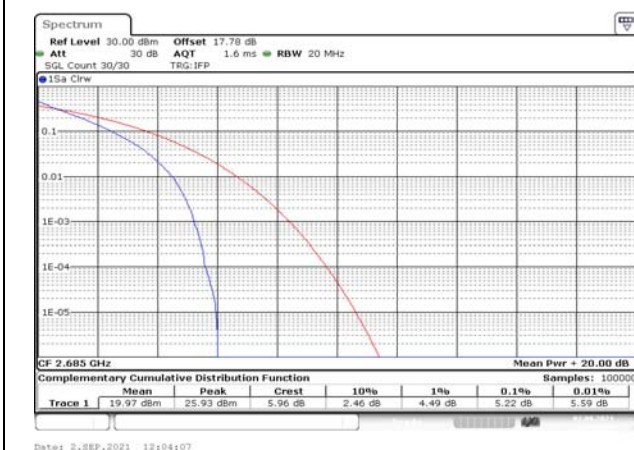


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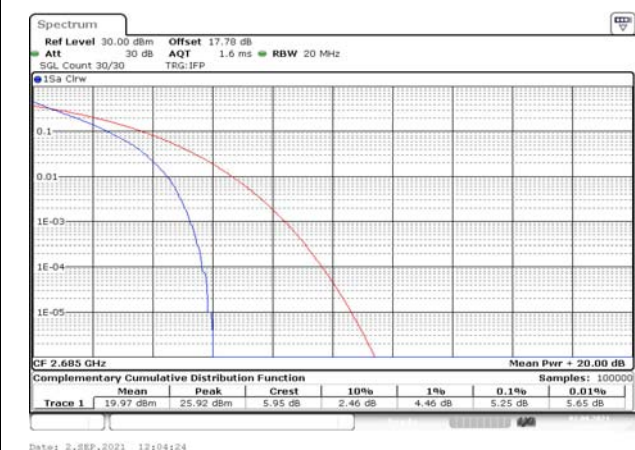


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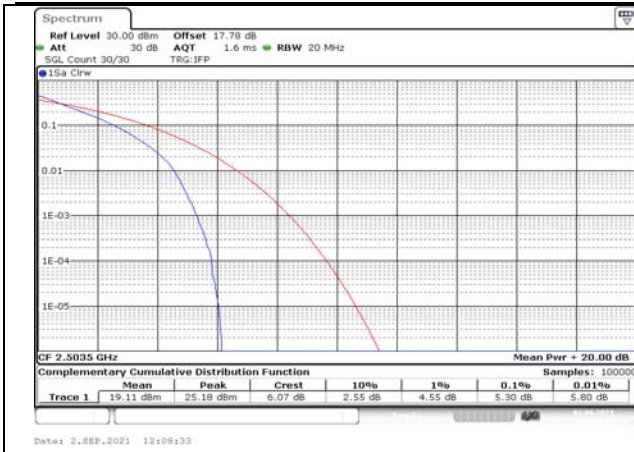


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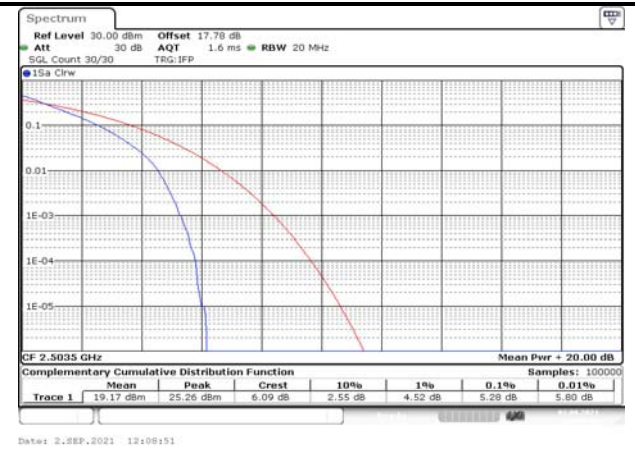


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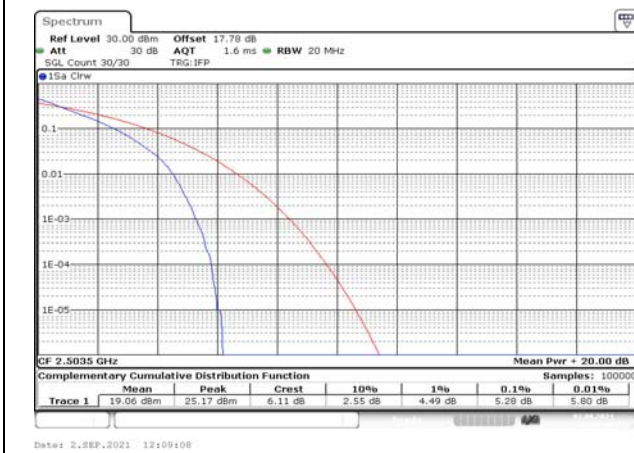


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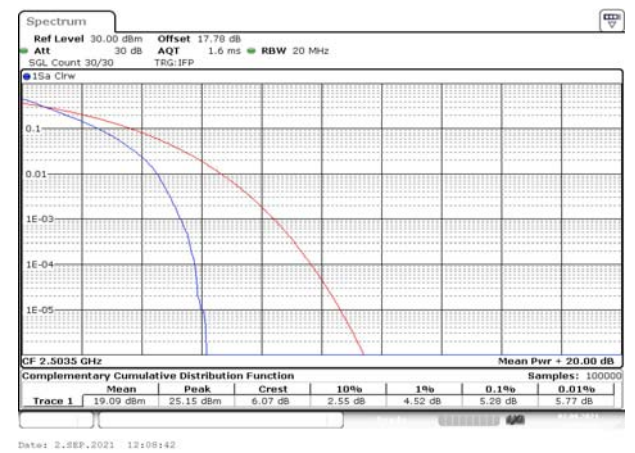


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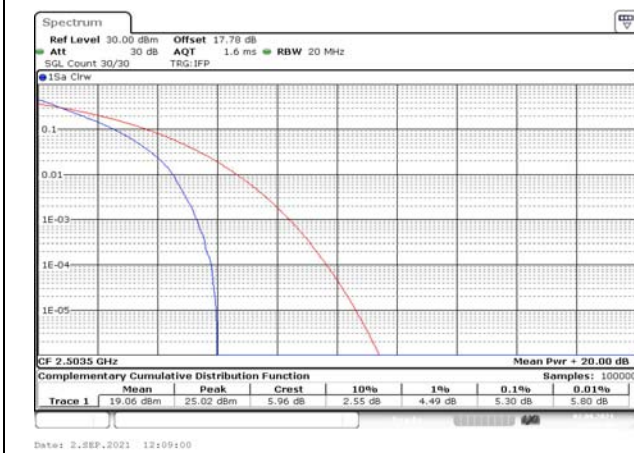


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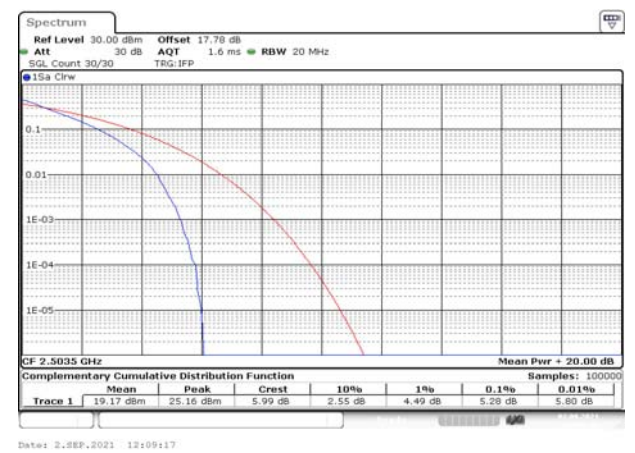


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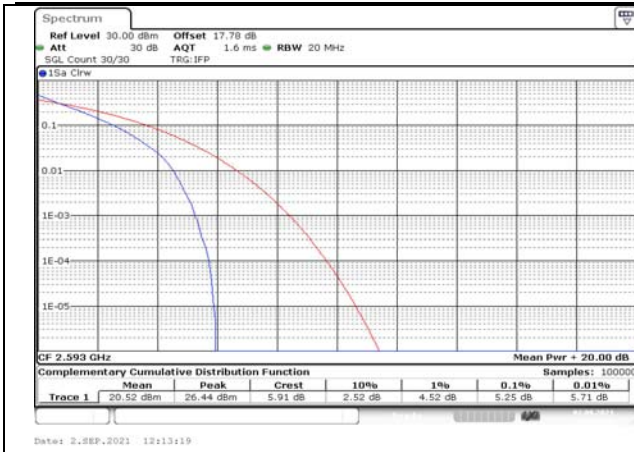


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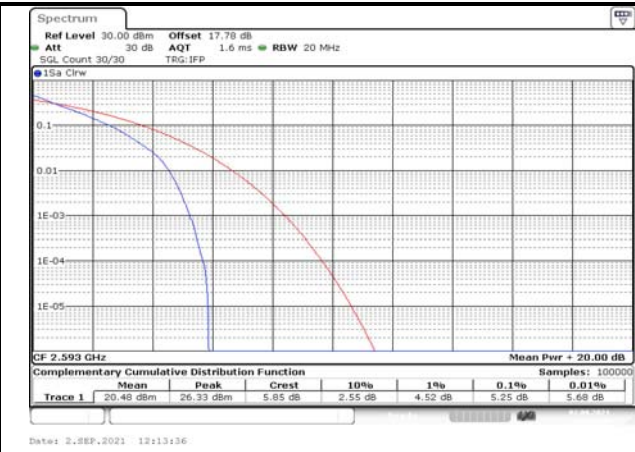


Fig.44

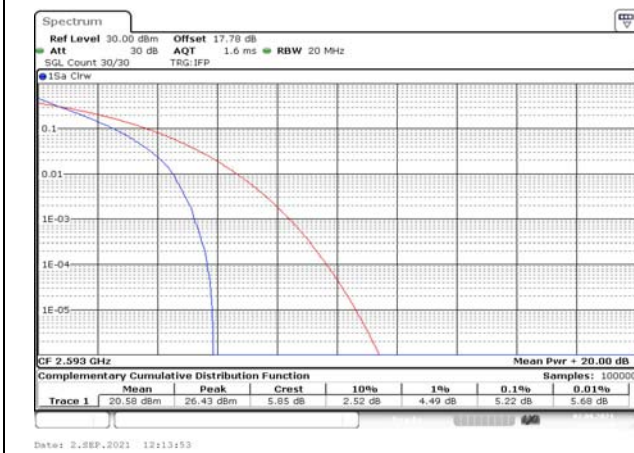


Fig.45

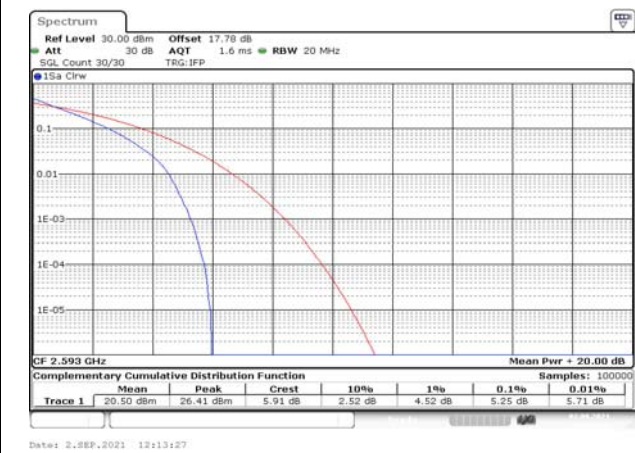


Fig.46

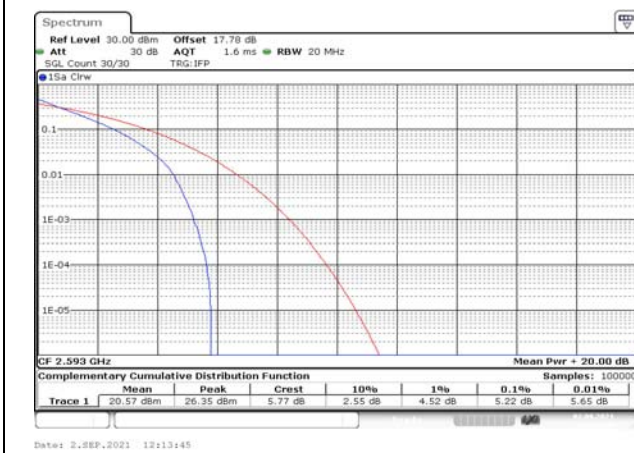


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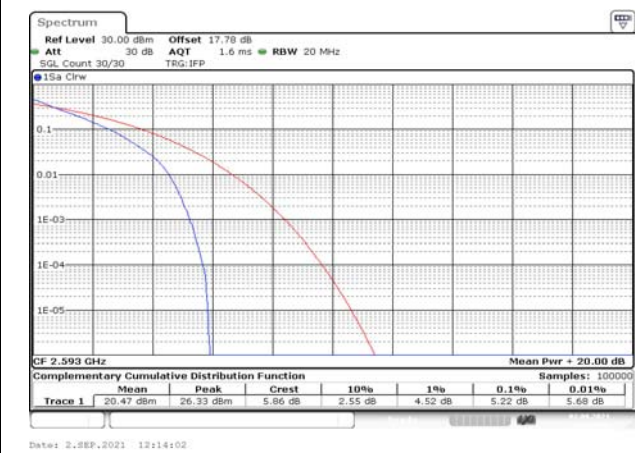


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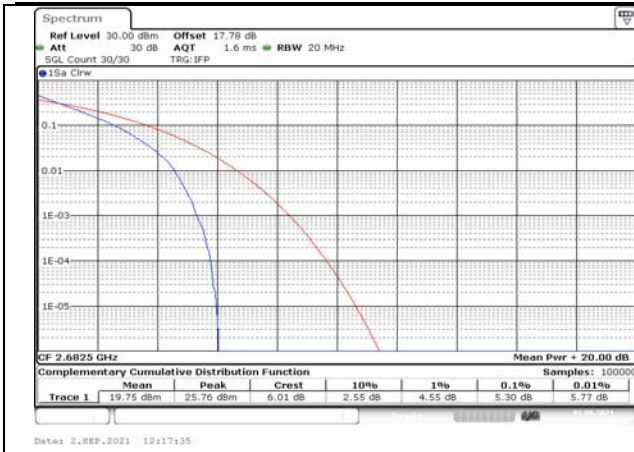


Fig.49

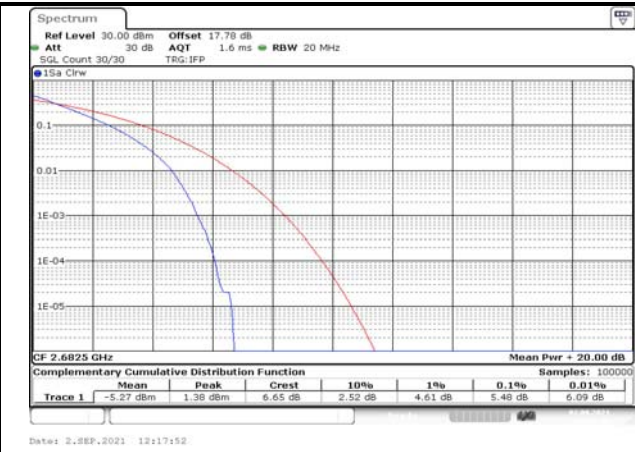


Fig.50

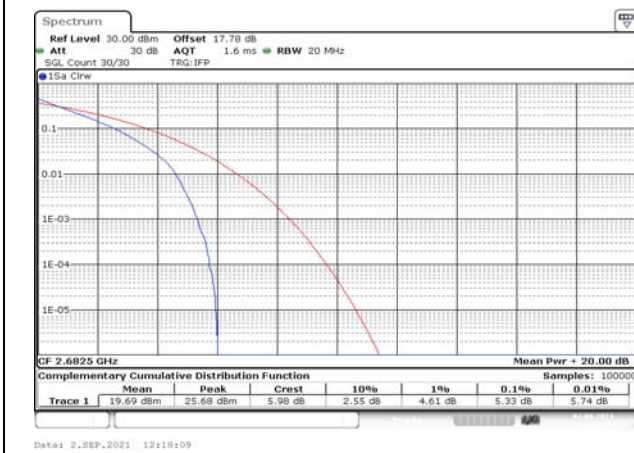


Fig.51

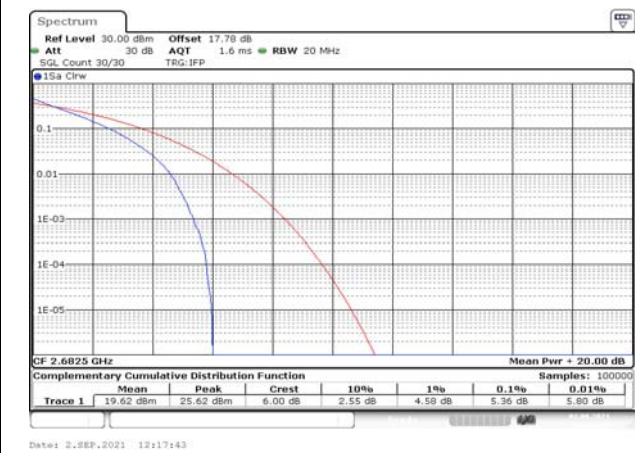


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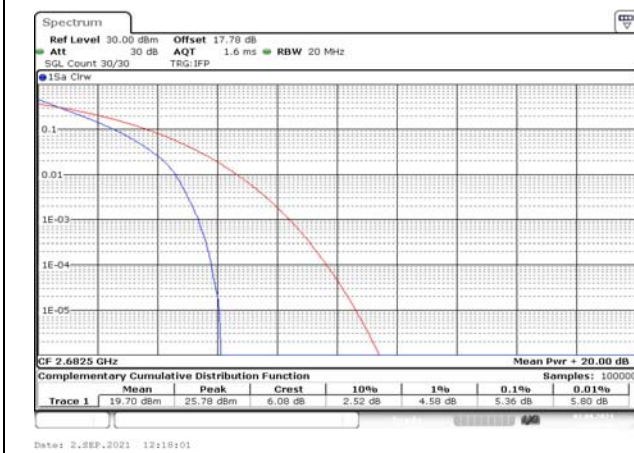


Fig.53

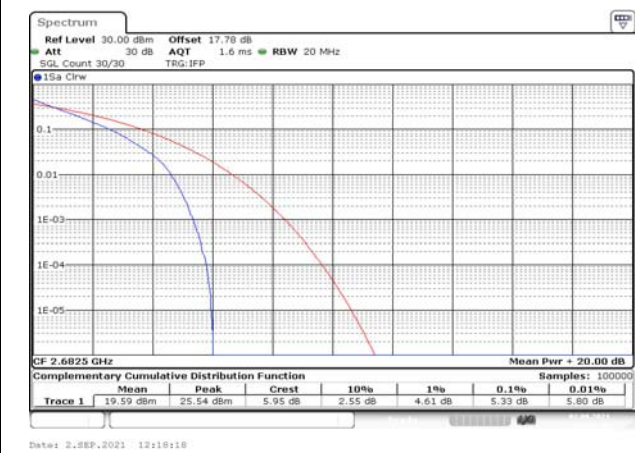


Fig.54

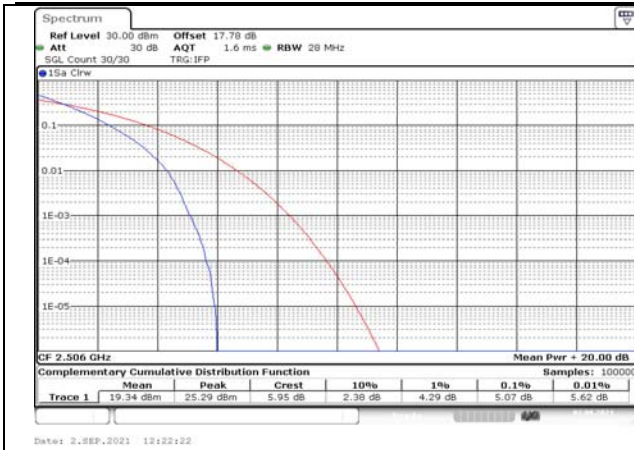


Fig.55

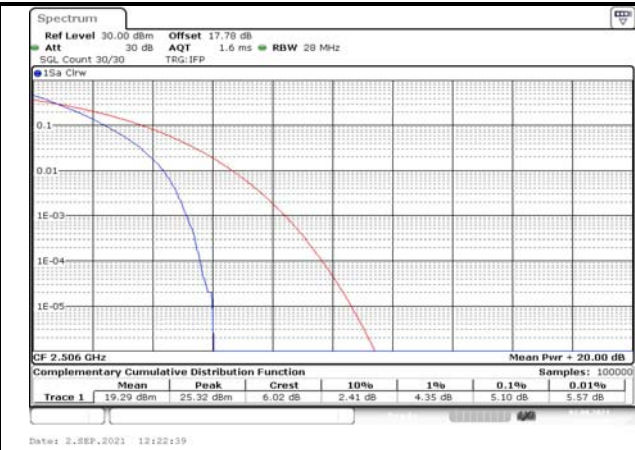


Fig.56

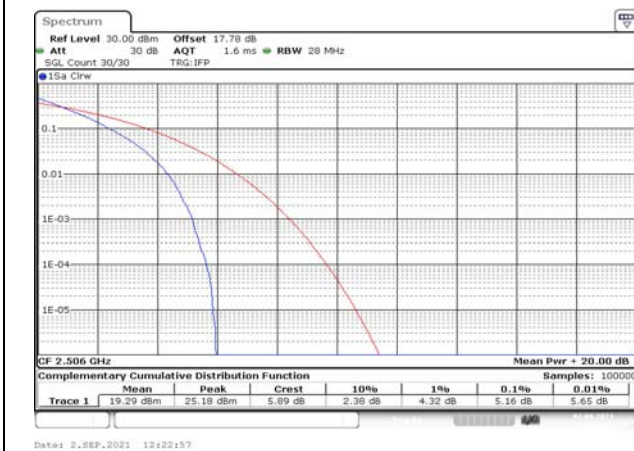


Fig.57

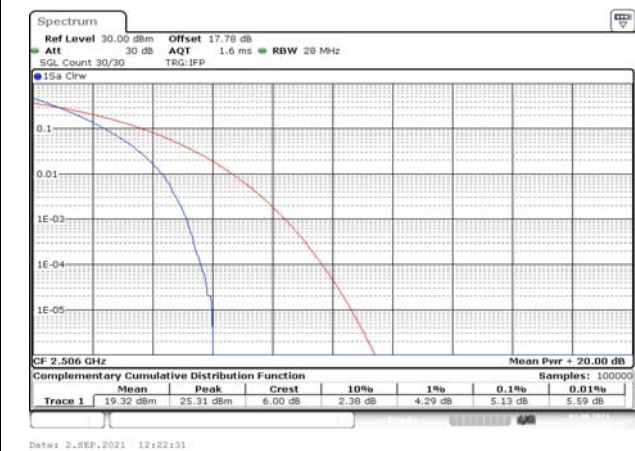


Fig.58

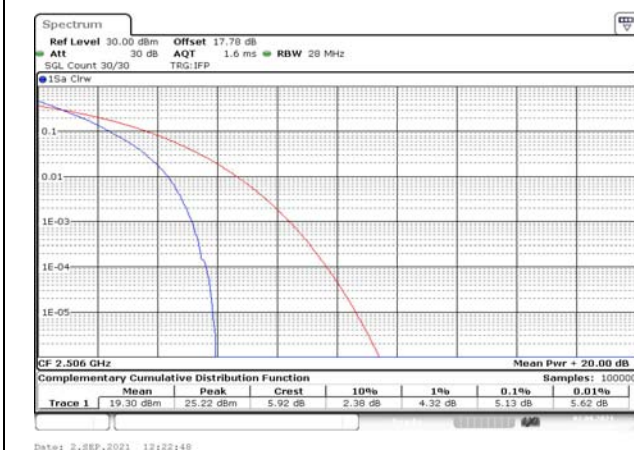


Fig.59

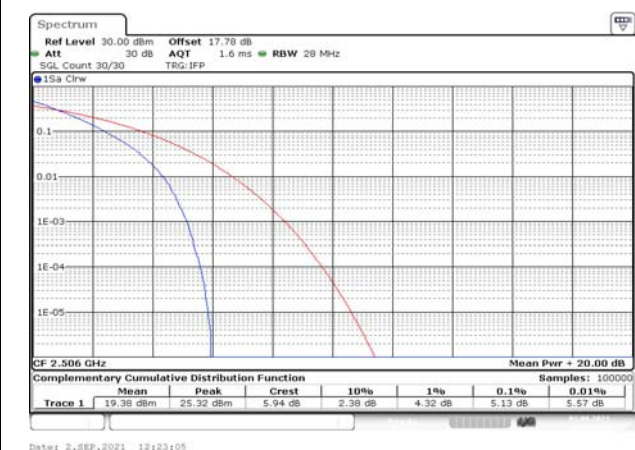


Fig.60

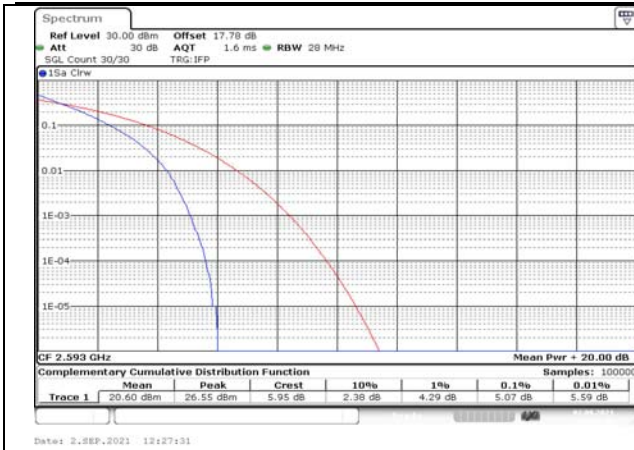


Fig.61

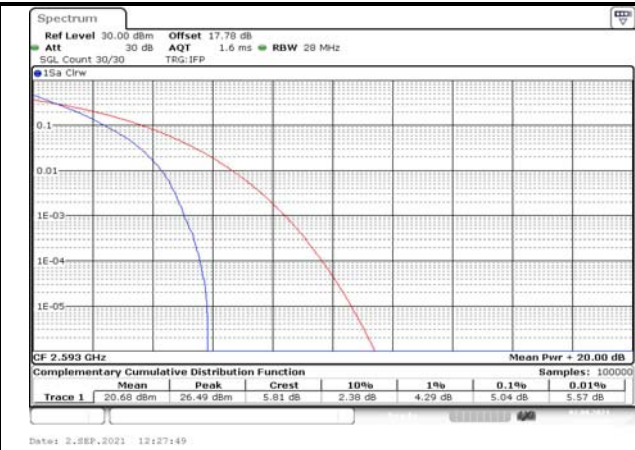


Fig.62

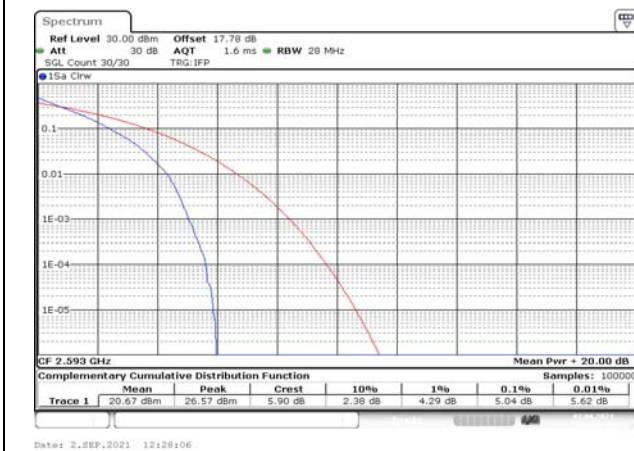


Fig.63

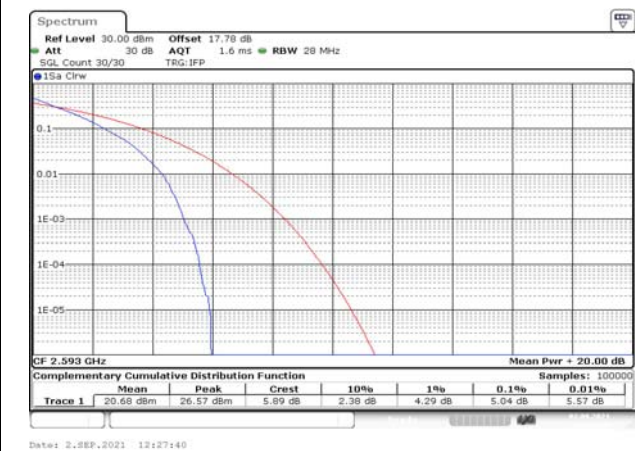


Fig.64

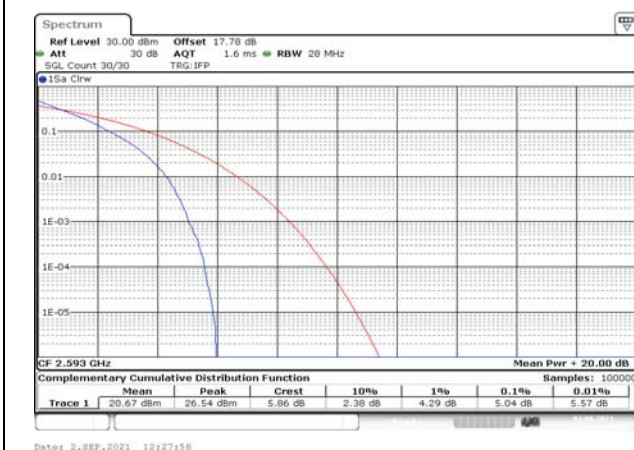


Fig.65

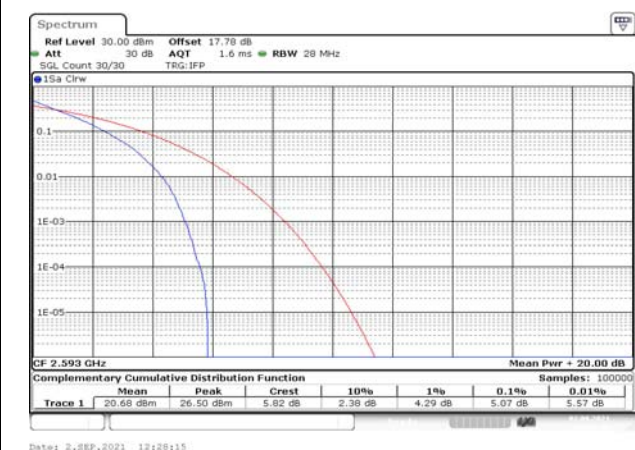


Fig.66



Fig.67

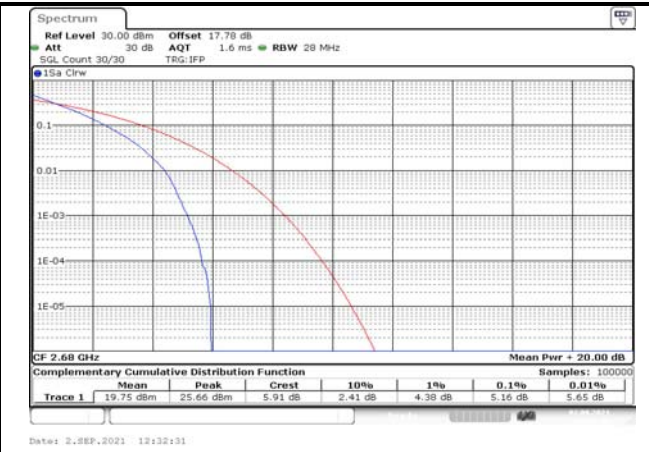


Fig.68

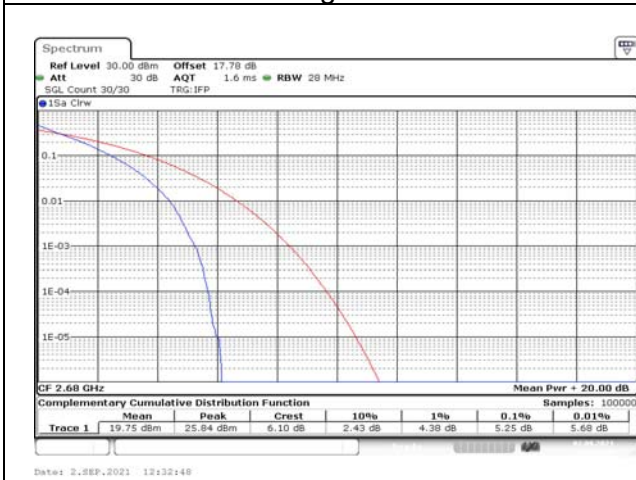


Fig.69

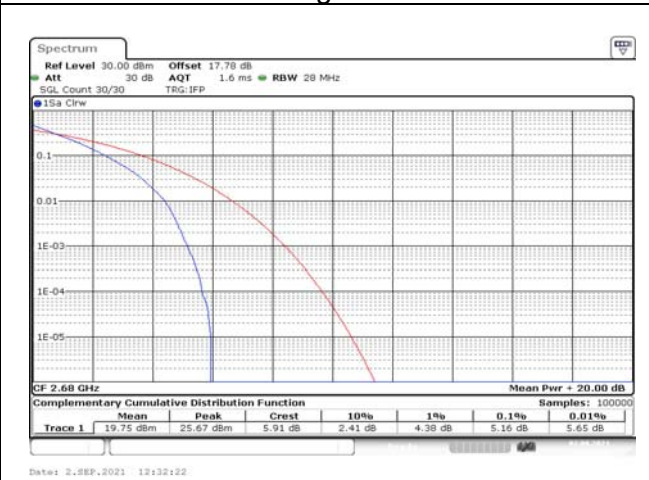


Fig.70

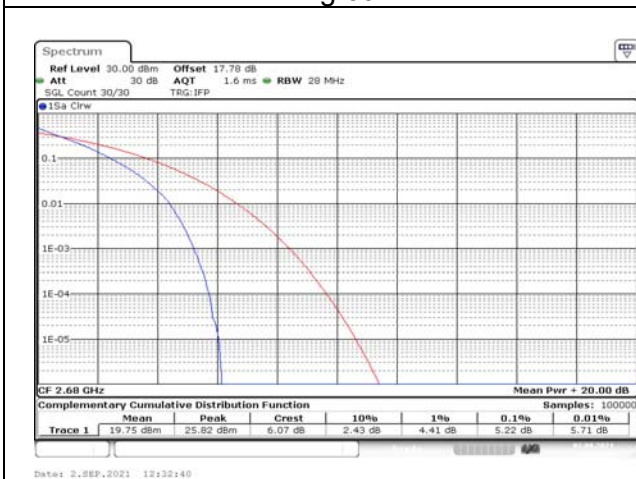


Fig.71

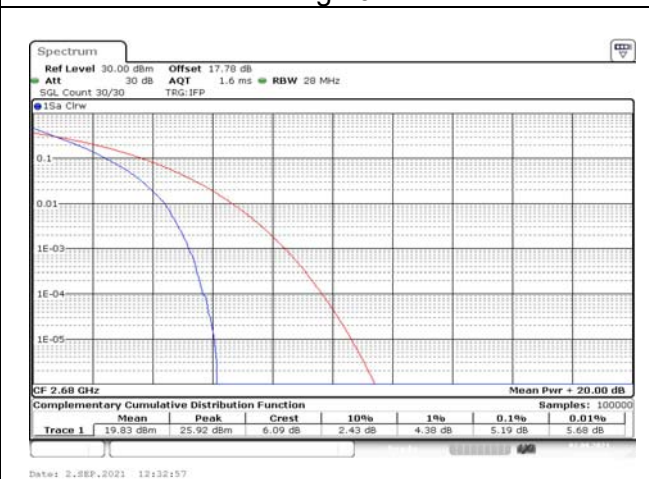


Fig.72

5 Spurious Emissions at antenna terminal

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

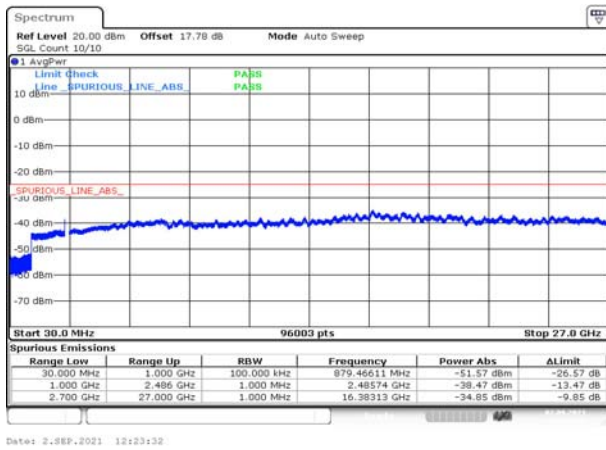


Fig.1

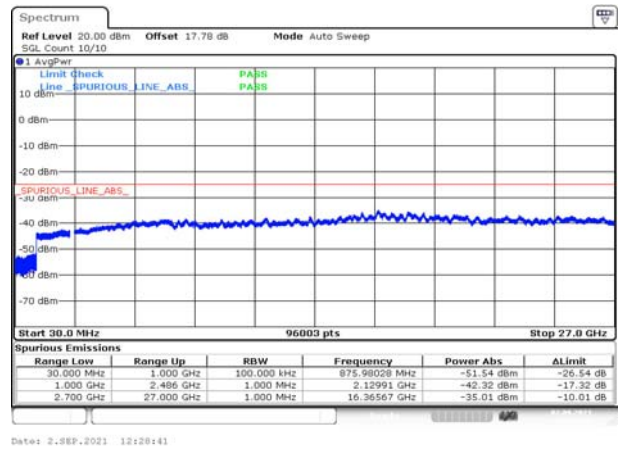


Fig.2

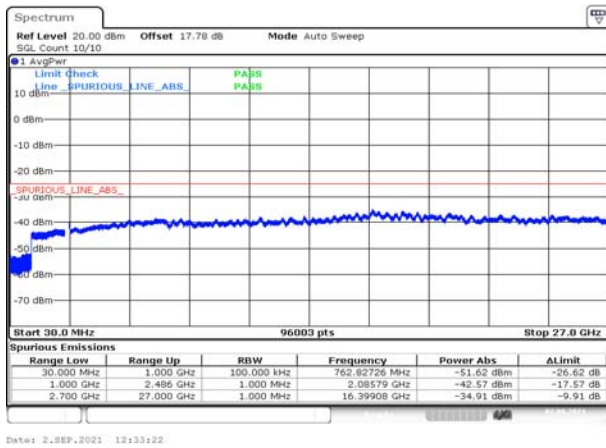


Fig.3

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

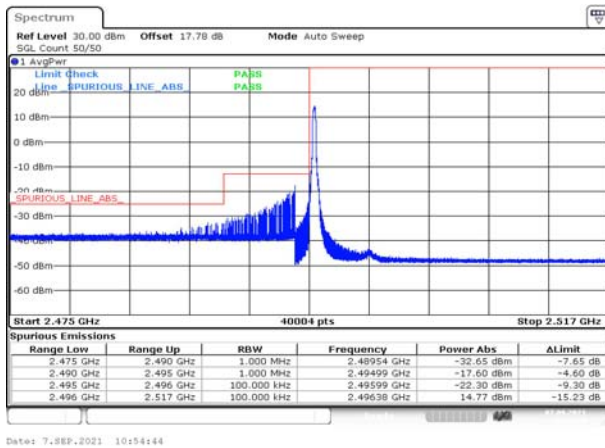


Fig.1

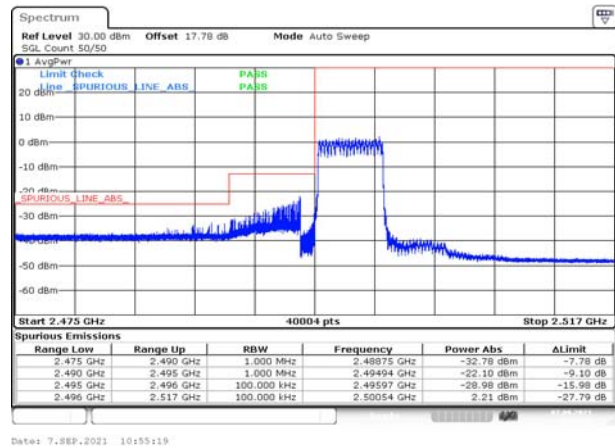


Fig.2

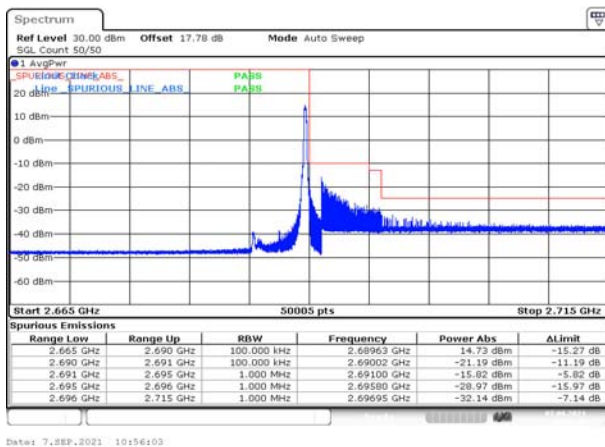


Fig.3

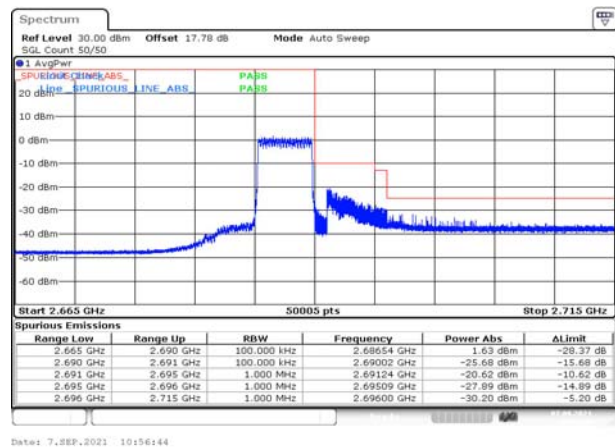


Fig.4

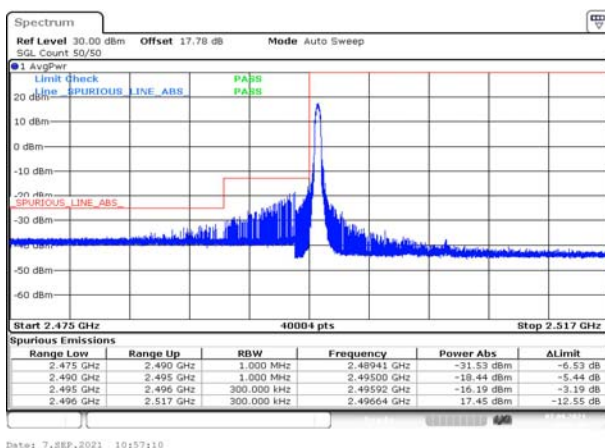


Fig.5

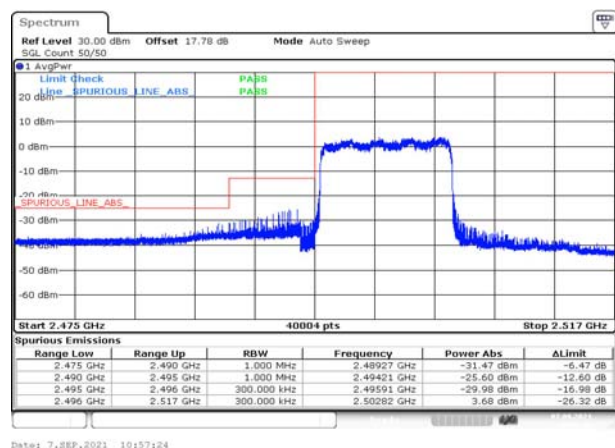


Fig.6

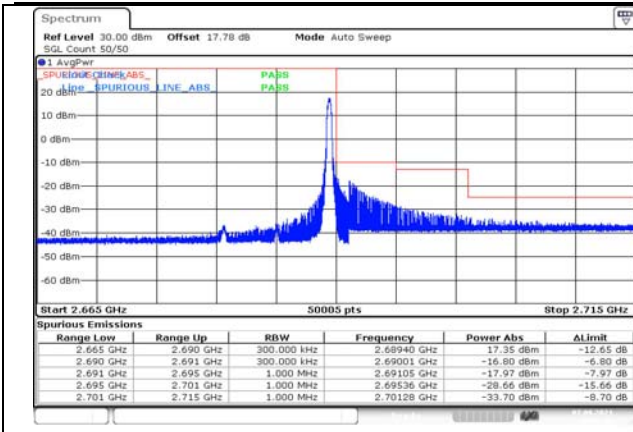


Fig.7

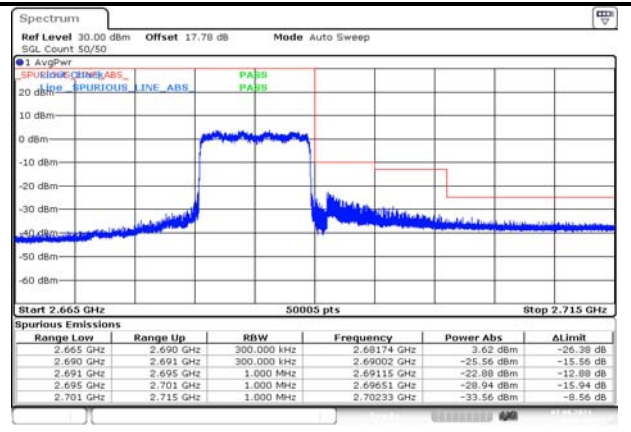


Fig.8

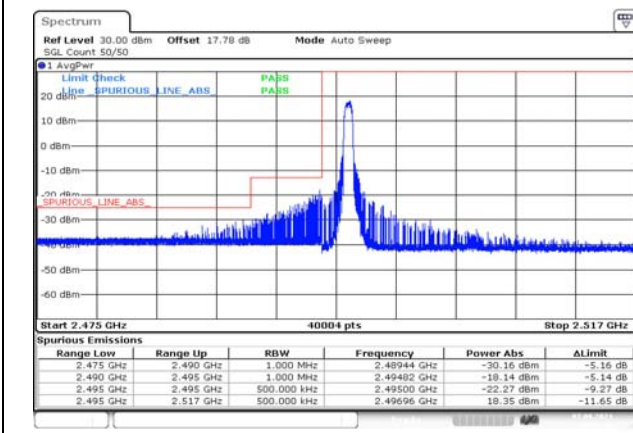


Fig.9

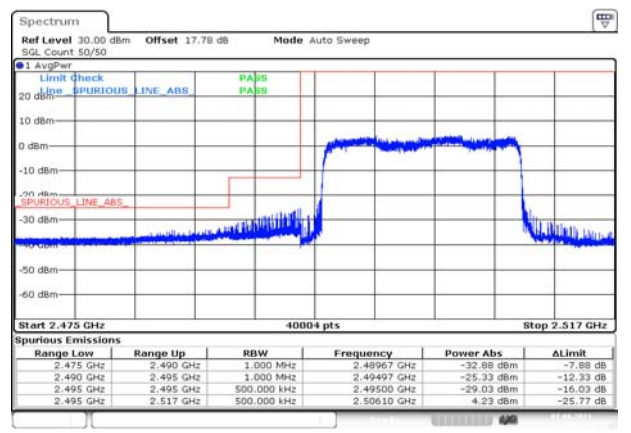


Fig.10

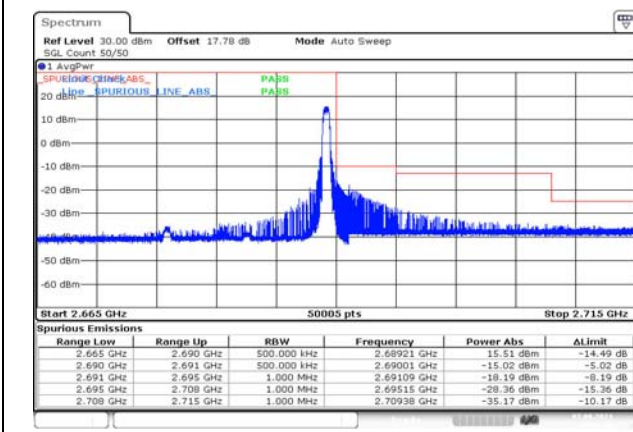


Fig.11

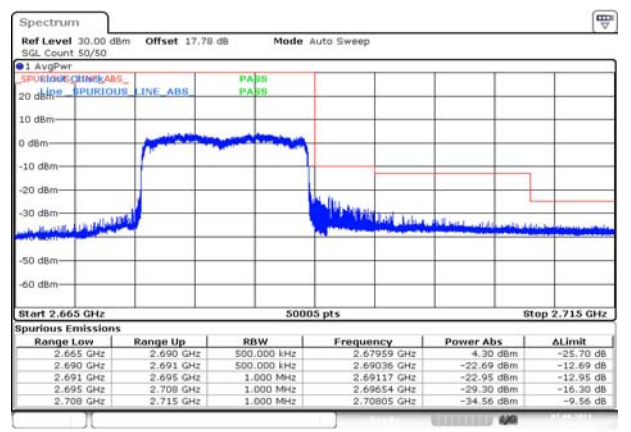


Fig.12

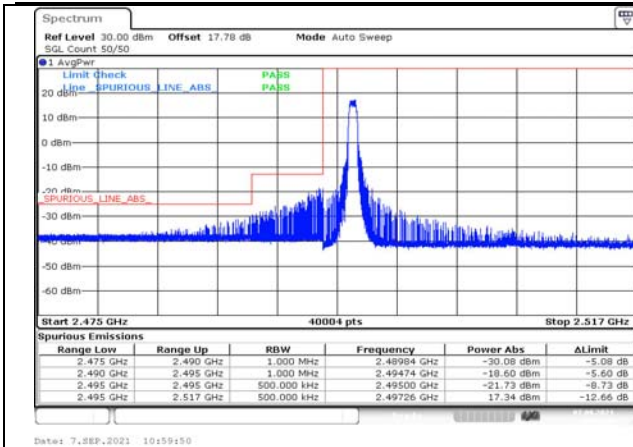


Fig.13

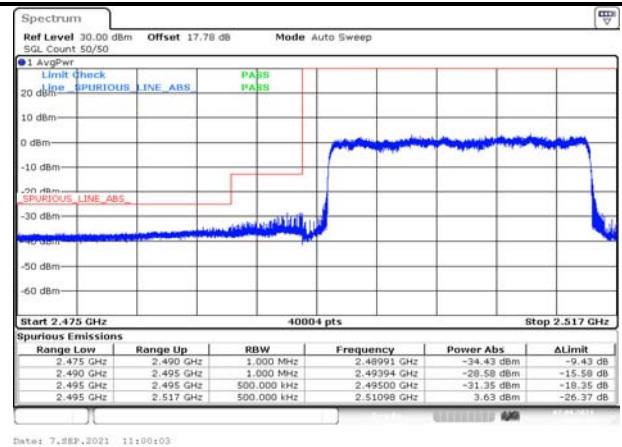


Fig.14

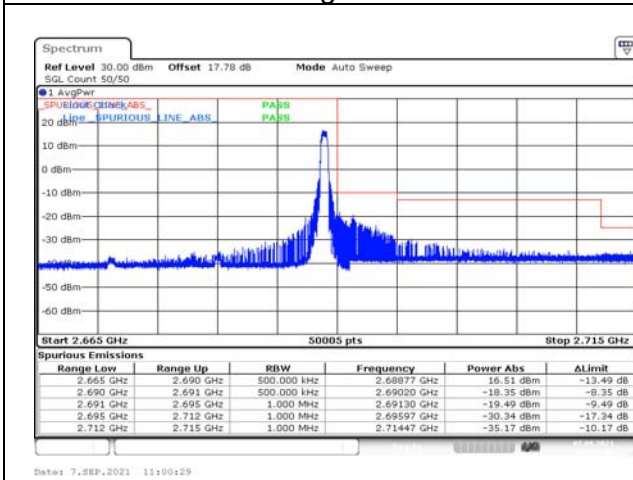


Fig.15

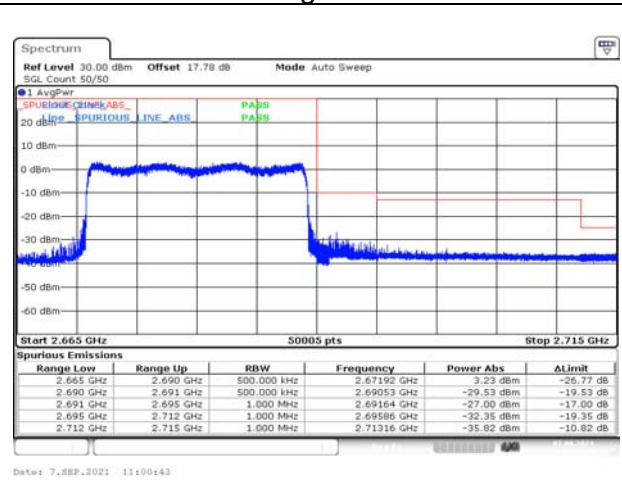


Fig.16

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 frequen cy (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
	2593	40620		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
	2687.5	41565		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
	2593	40620		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
	2687.5	41565		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 frequen- cy (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	
	50	0		20.38	17.38	0.055			
	2593	40620		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	
				25	25	21.77	18.77	0.075	
	50	0		21.77	18.77	0.075			
	2685	41540		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	
				25	12	20.88	17.88	0.061	
				25	25	20.78	17.78	0.060	
	50	0		20.87	17.87	0.061			
	16QAM	2501		39700	1	0	20.73	17.73	0.059
					1	25	20.59	17.59	0.057
					1	49	20.83	17.83	0.061
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			
2593		40620		1	0	21.88	18.88	0.077	
				1	25	22.00	19.00	0.079	
				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			
2685		41540		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 frequern cy (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 frequern cy (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	
	100	0		20.15	17.15	0.052			
	2593	40620		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	
				50	50	21.63	18.63	0.073	
	100	0		21.58	18.58	0.072			
	2680	41490		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	
				50	24	20.74	17.74	0.059	
				50	50	20.63	17.63	0.058	
	100	0		20.69	17.69	0.059			
	16QAM	2506		39750	1	0	20.39	17.39	0.055
					1	49	20.32	17.32	0.054
					1	99	20.43	17.43	0.055
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			
2593		40620		1	0	21.94	18.94	0.078	
				1	49	21.88	18.88	0.077	
				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			
2680		41490		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 frequern cy (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