

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 41

1 RF Power Output

Tx 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

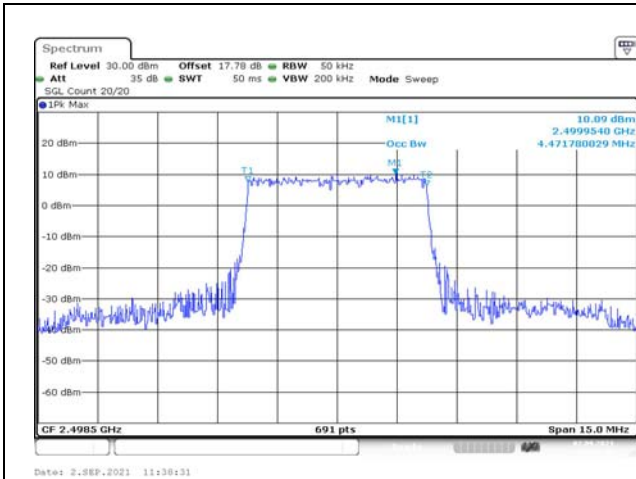


Fig.1

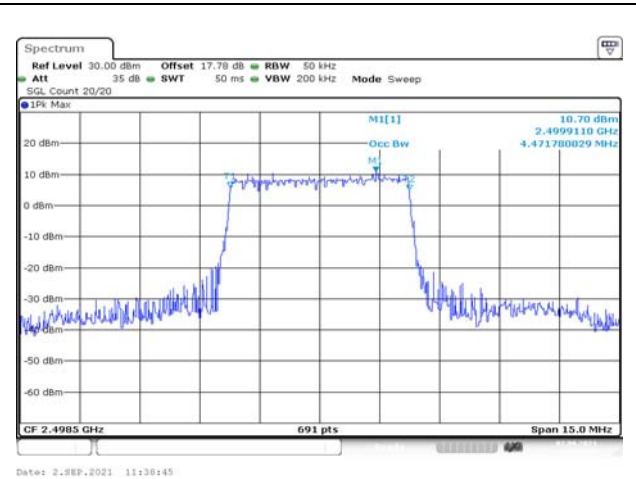


Fig.2

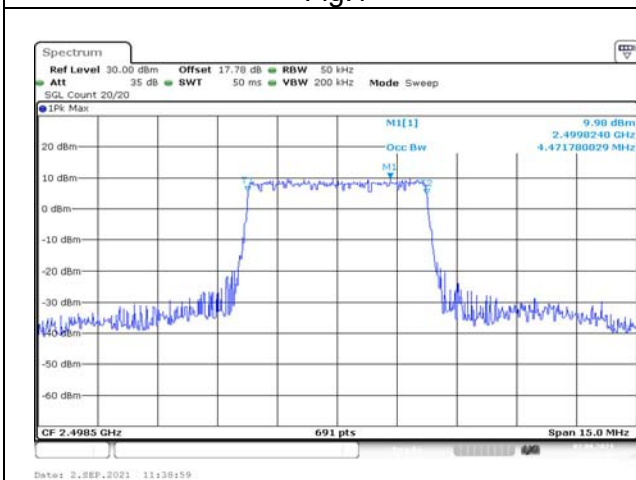


Fig.3

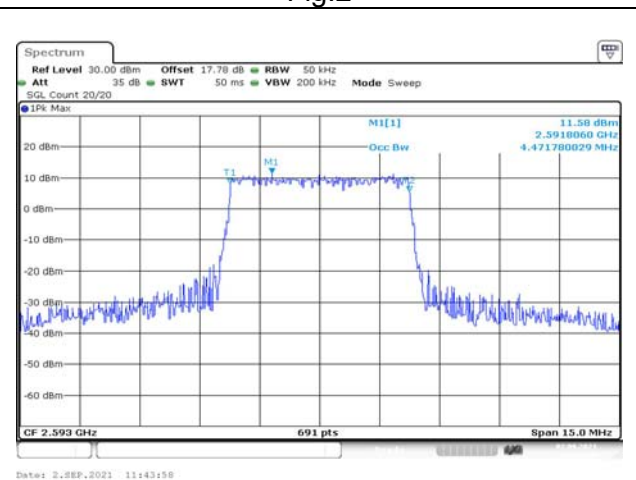


Fig.4

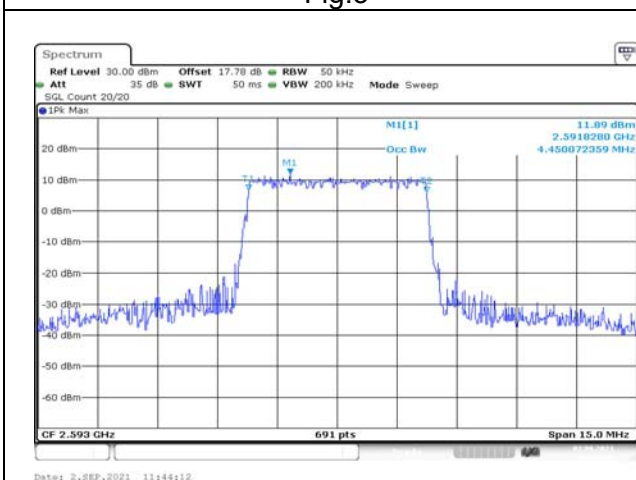


Fig.5

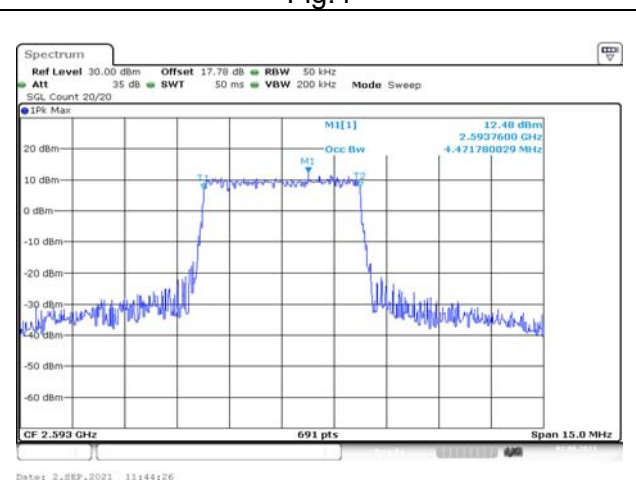
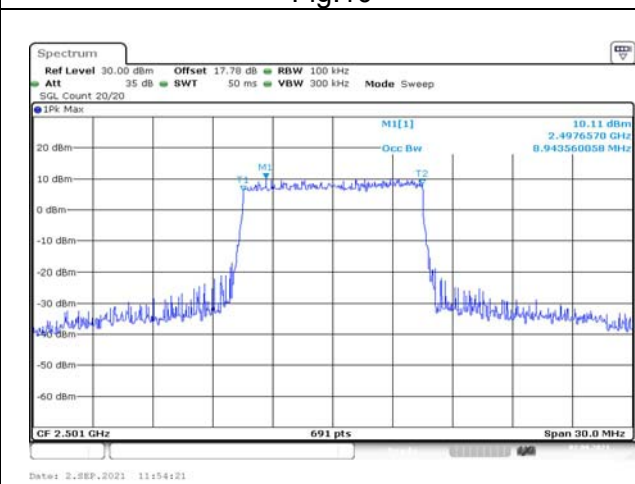
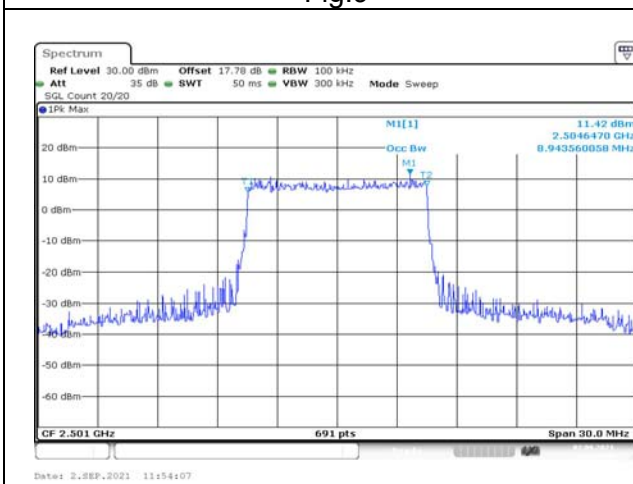
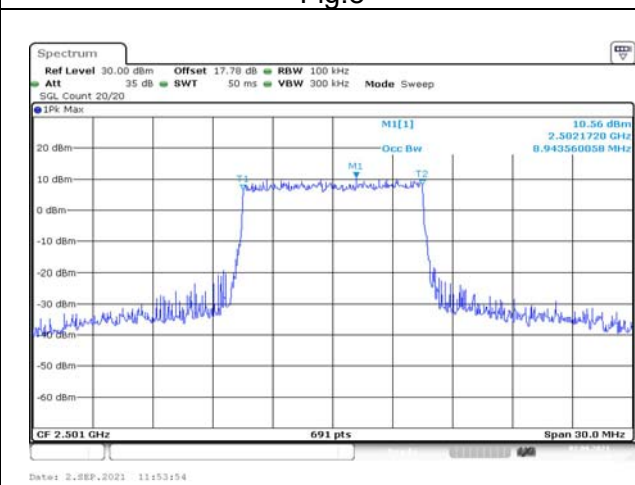
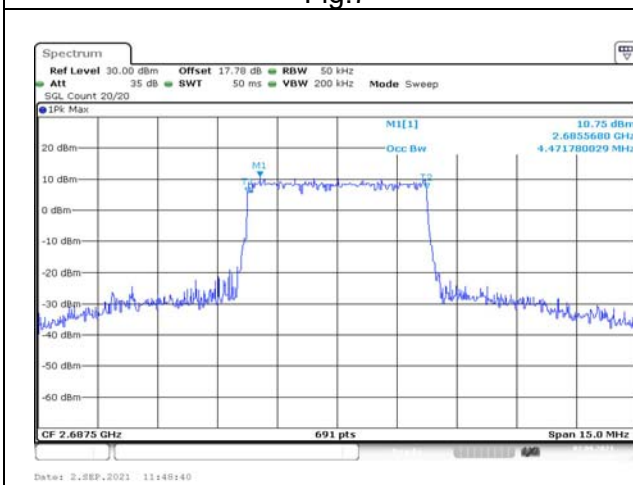
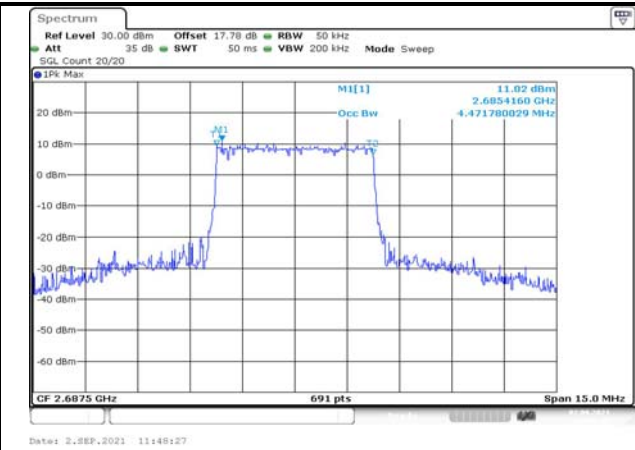
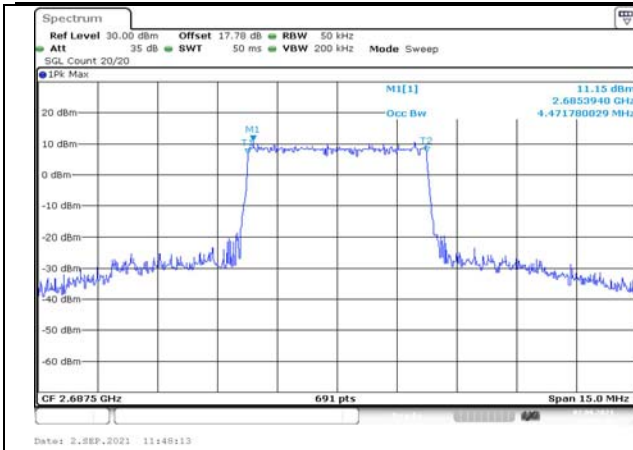


Fig.6



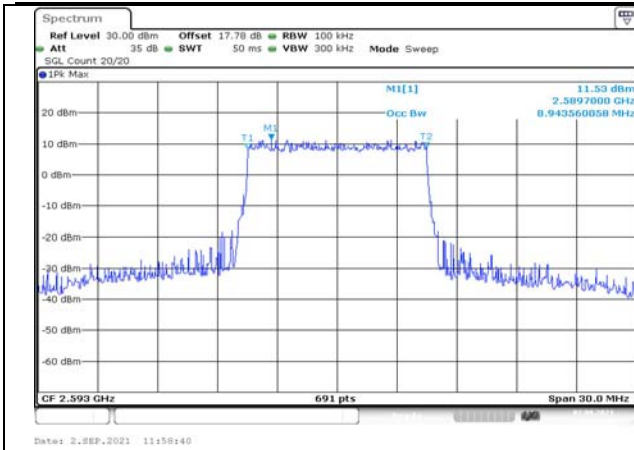


Fig.13

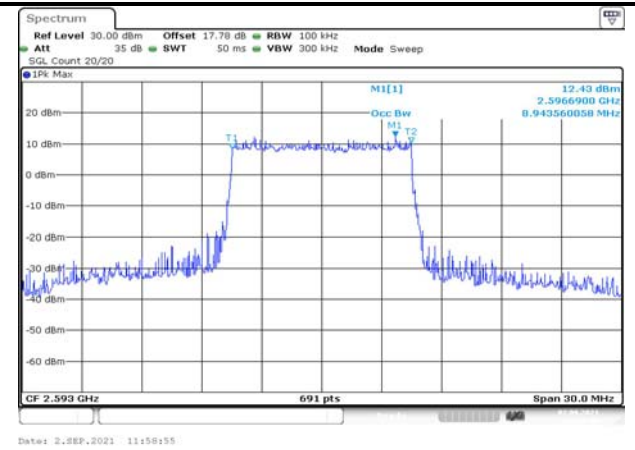


Fig.14

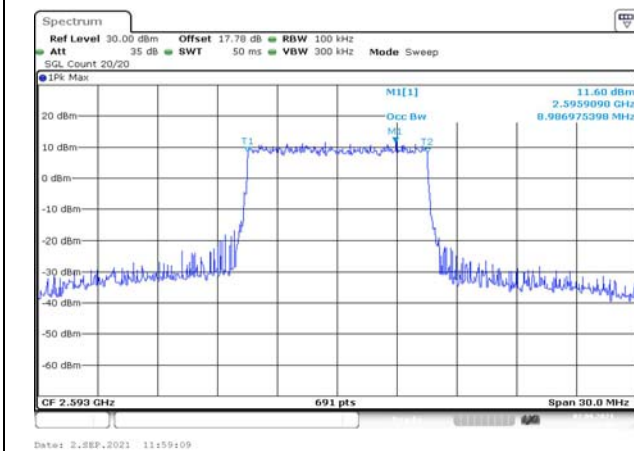


Fig.15

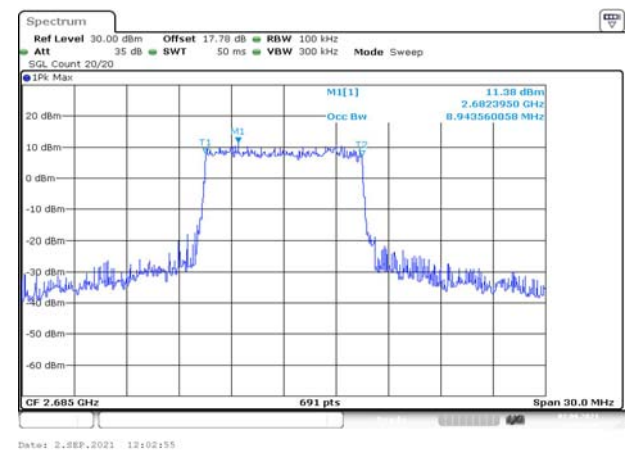


Fig.16

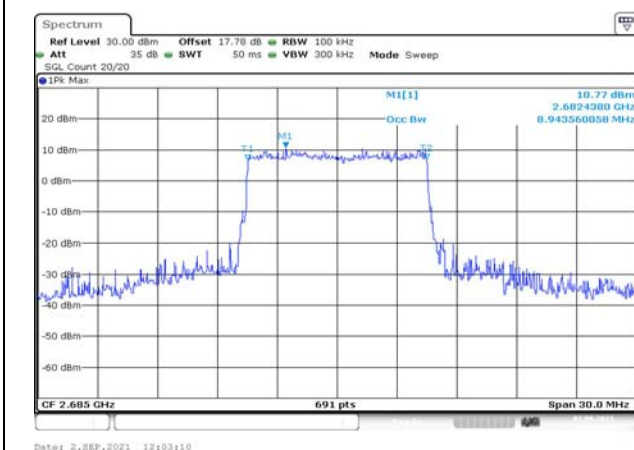


Fig.17

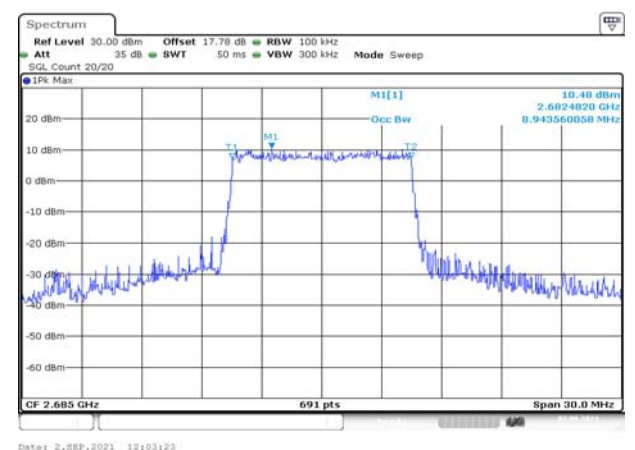


Fig.18

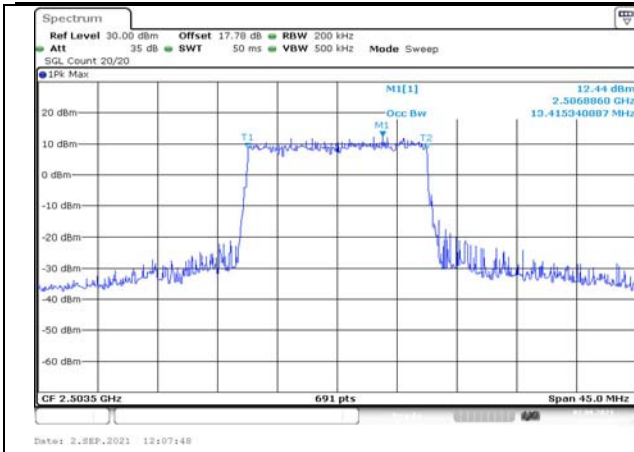


Fig.19

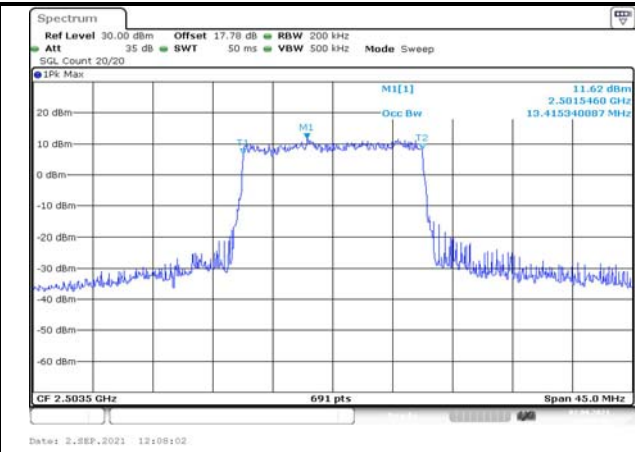


Fig.20

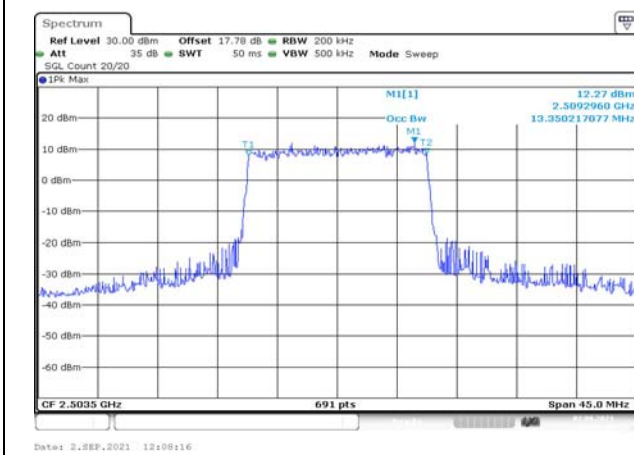


Fig.21

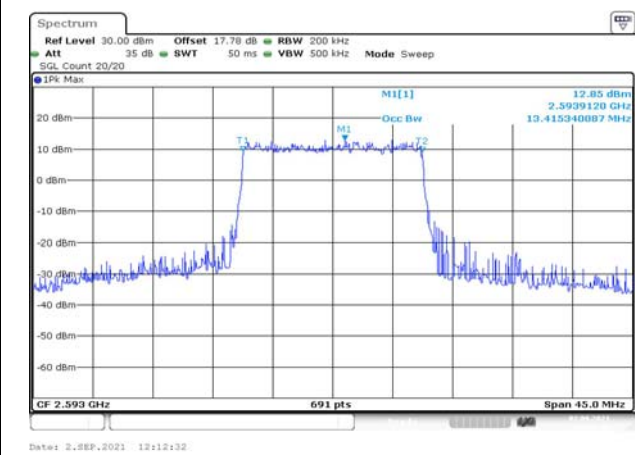


Fig.22

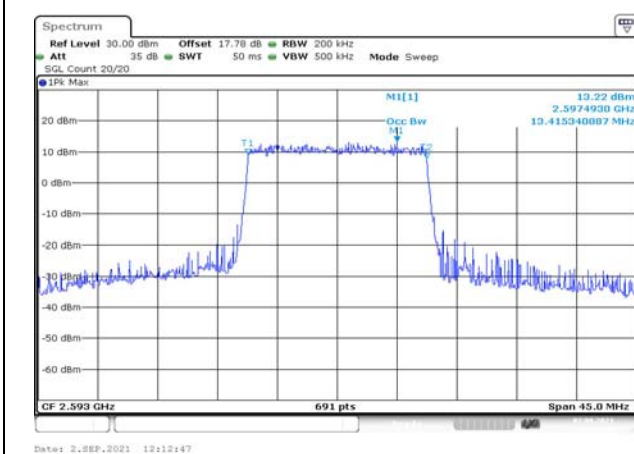


Fig.23

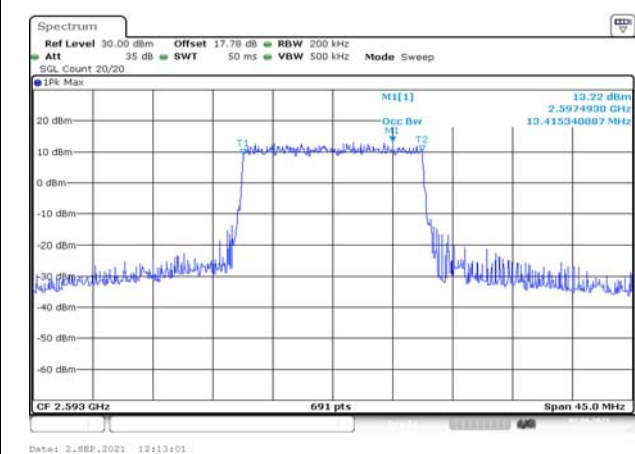
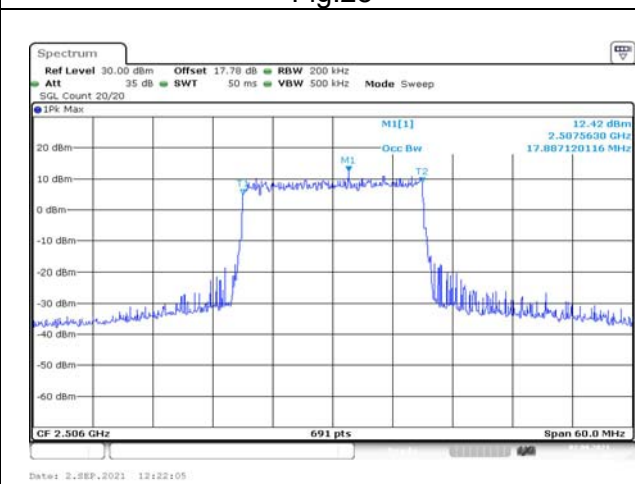
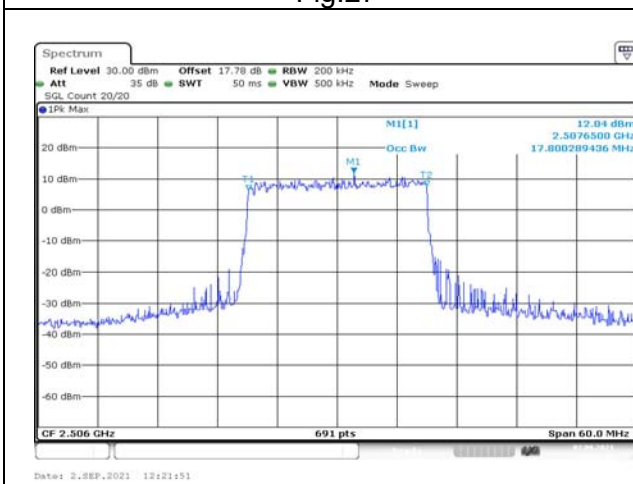
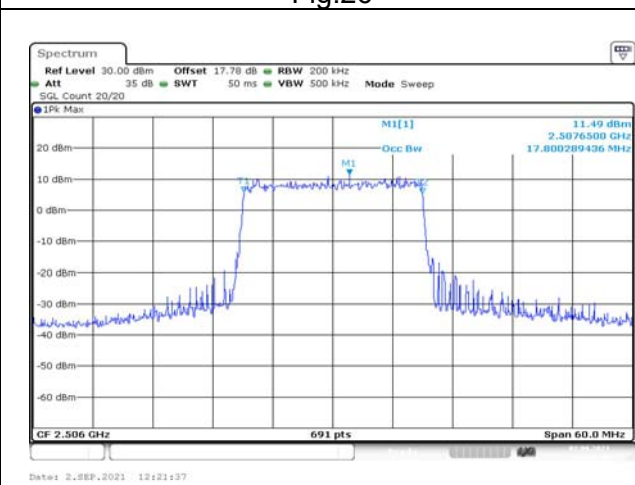
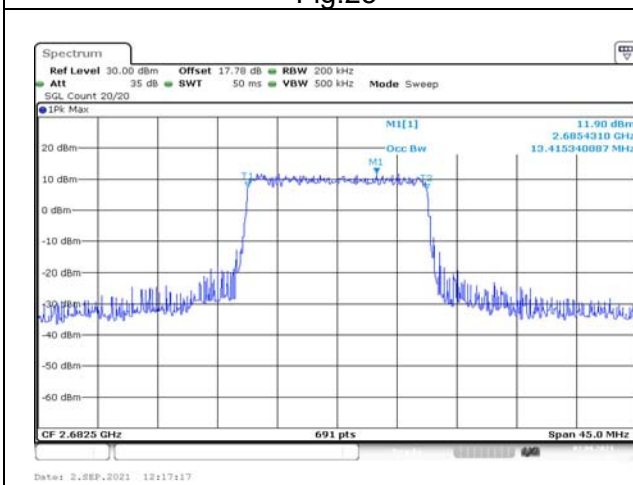
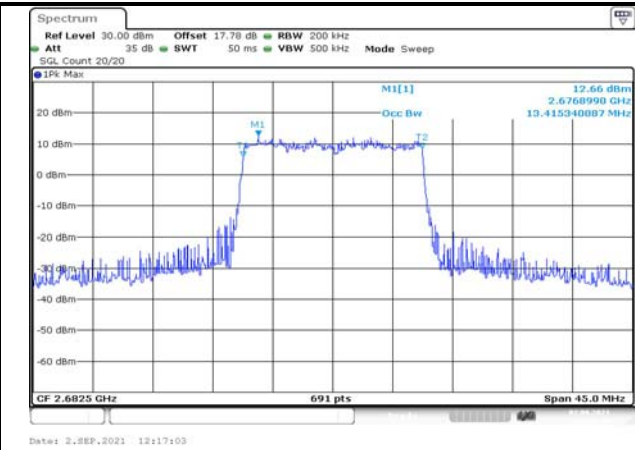
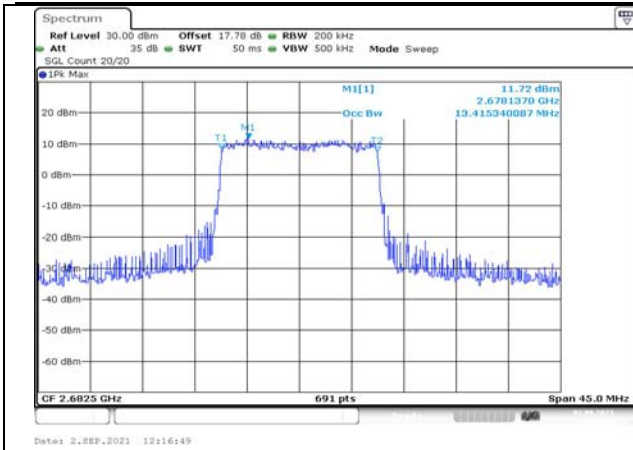
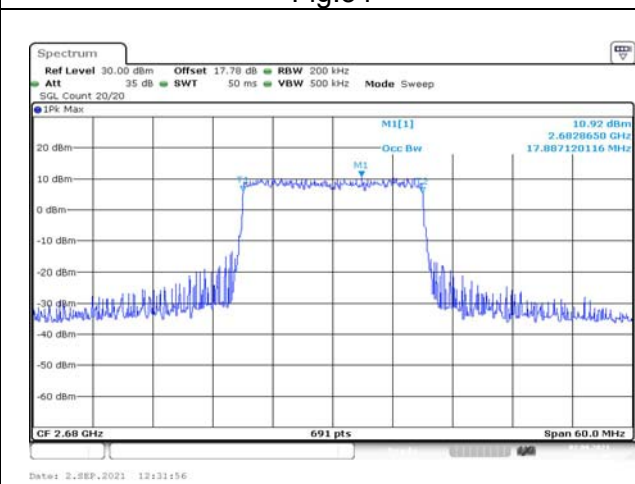
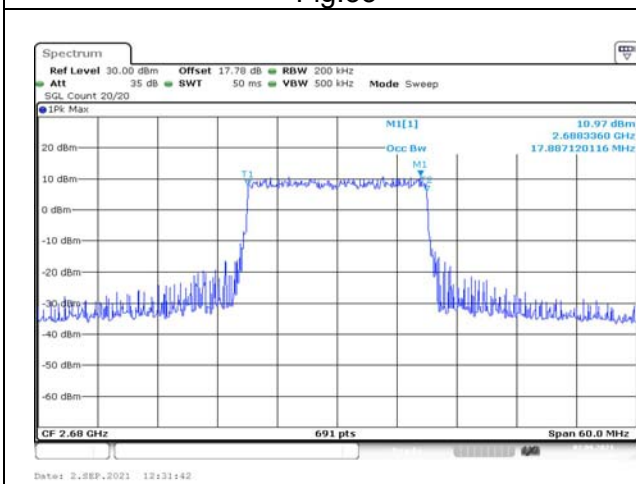
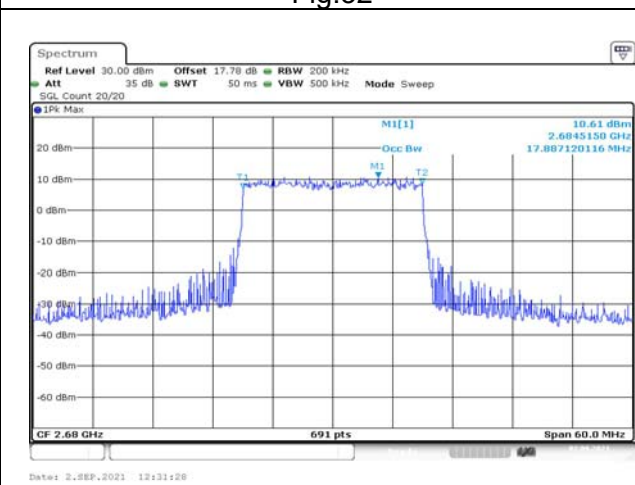
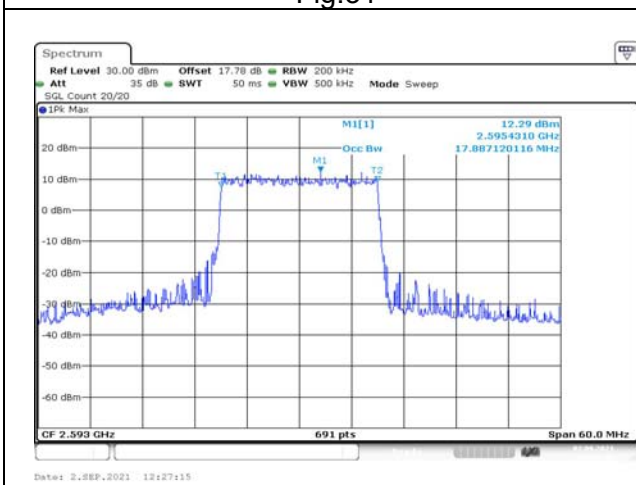
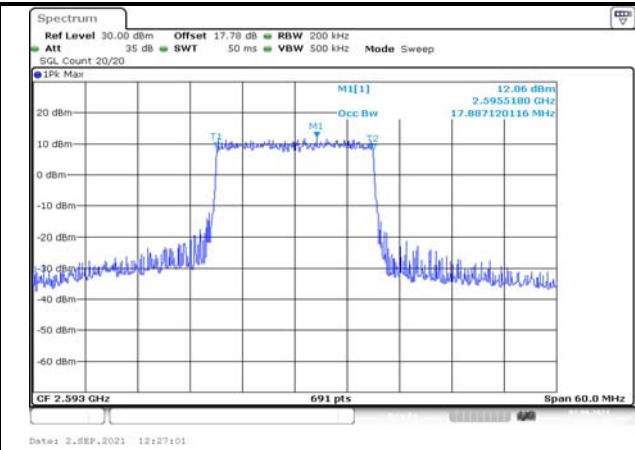
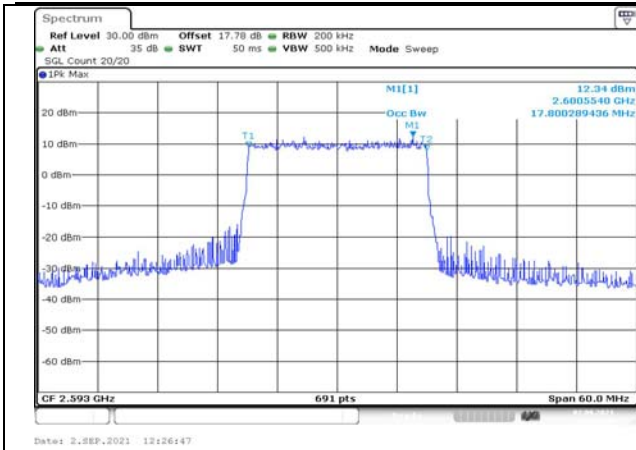


Fig.24





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

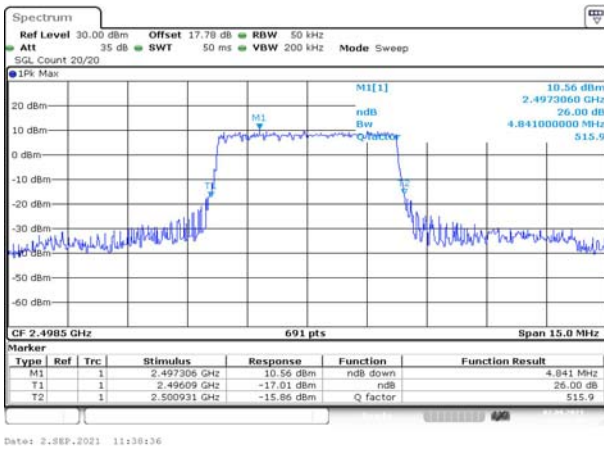


Fig.1

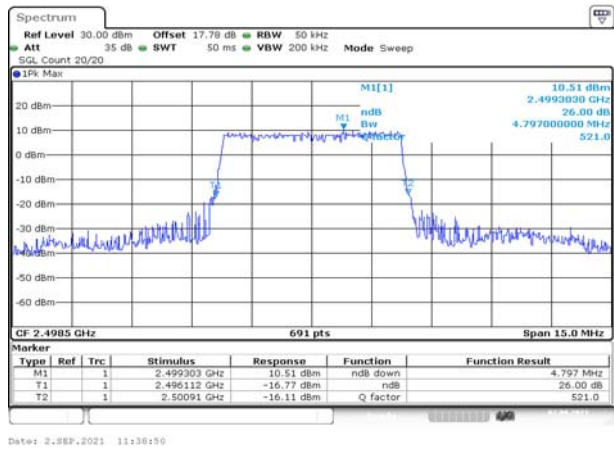


Fig.2

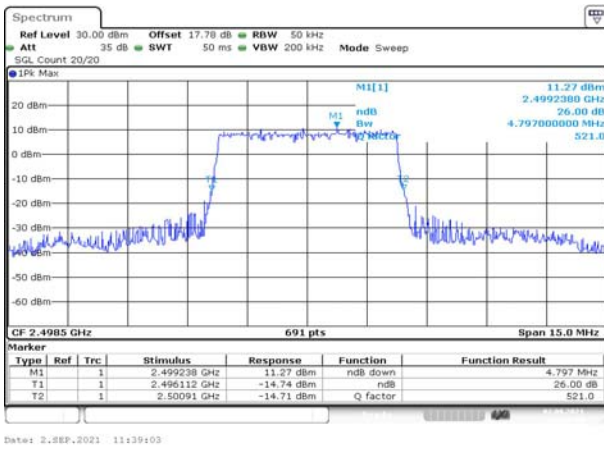


Fig.3

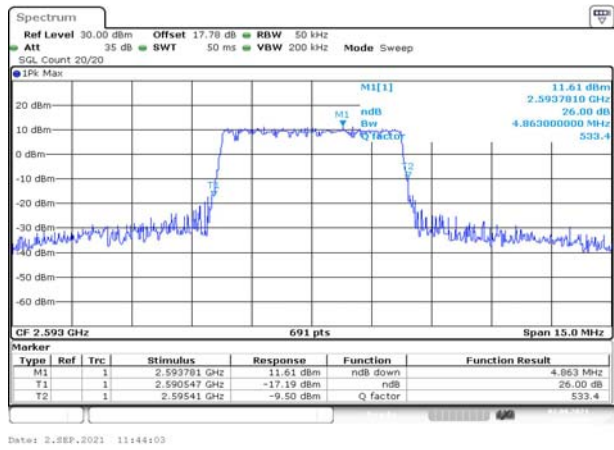


Fig.4

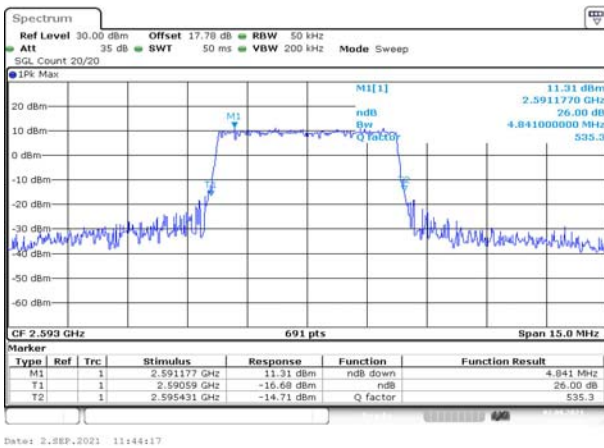


Fig.5

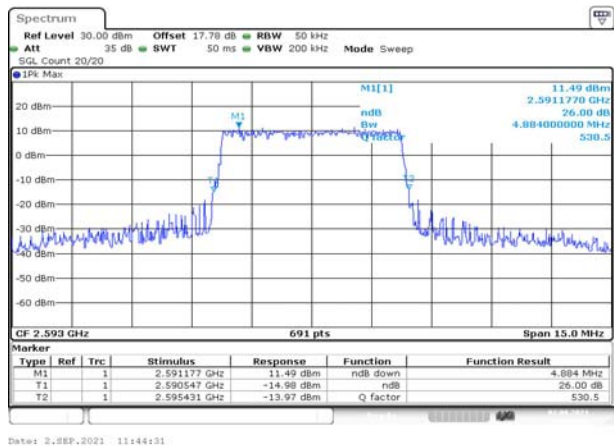


Fig.6

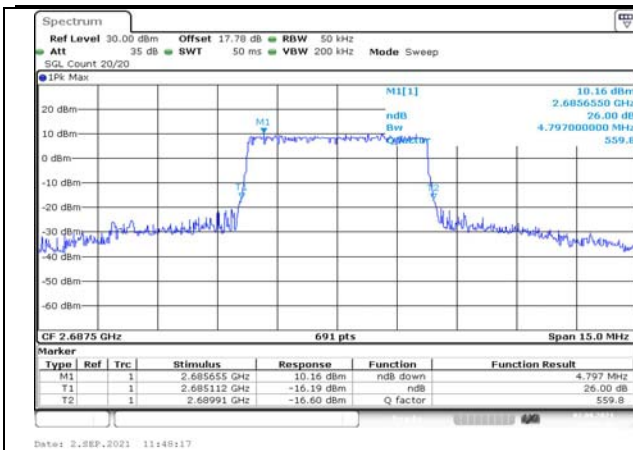


Fig.7

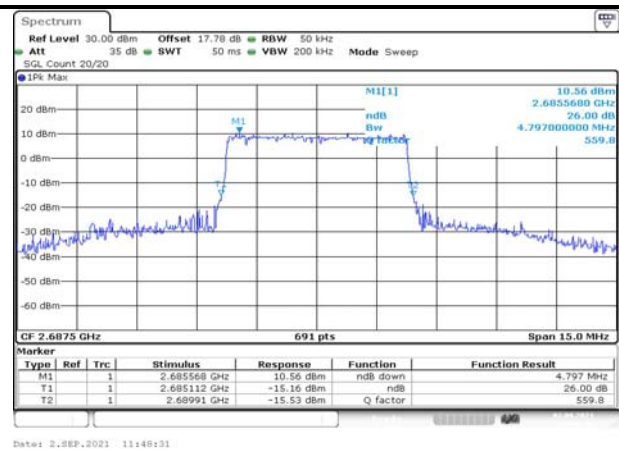


Fig.8

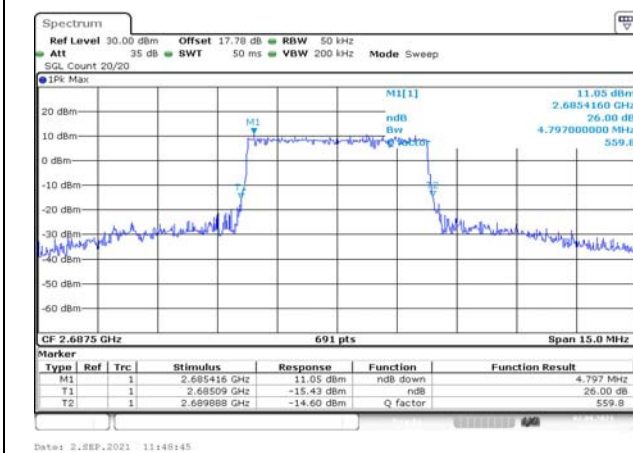


Fig.9

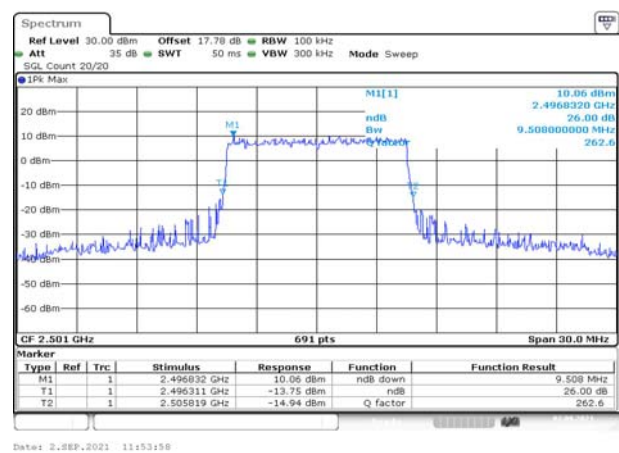


Fig.10

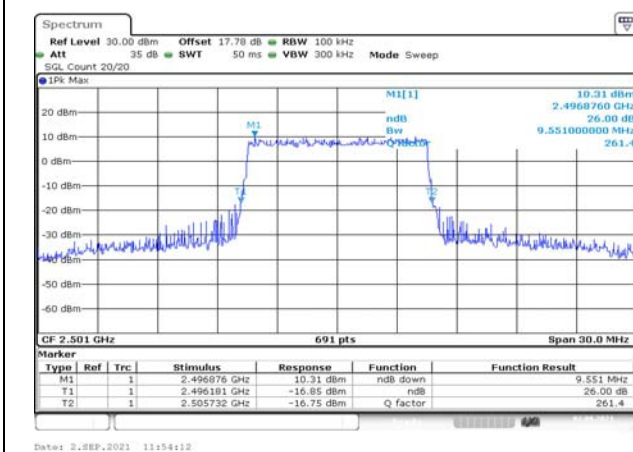


Fig.11

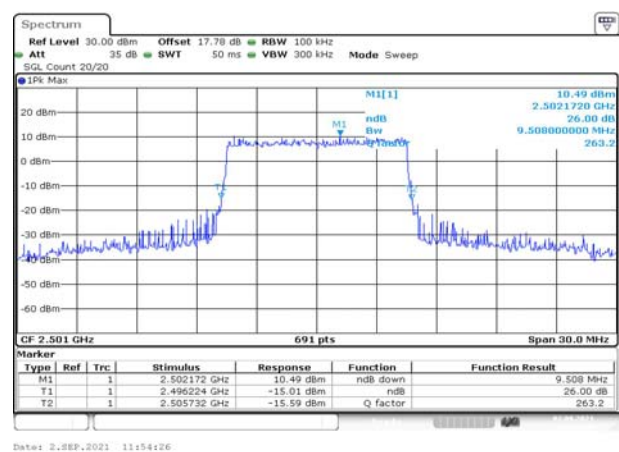


Fig.12

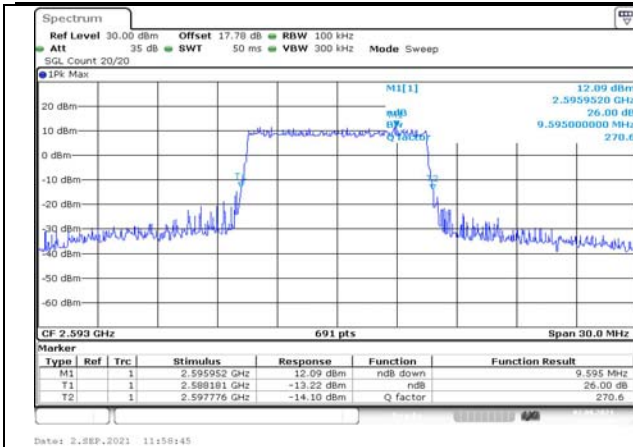


Fig.13

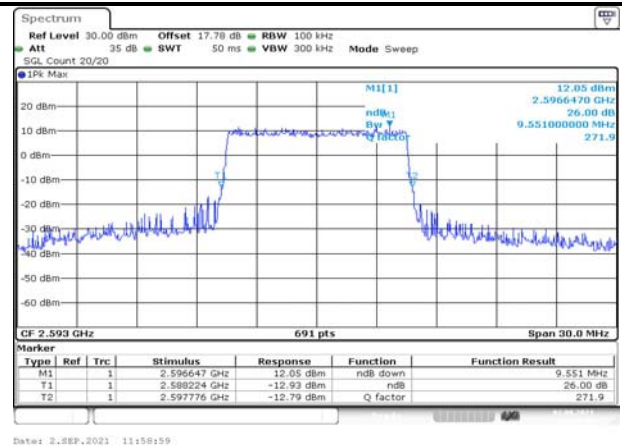


Fig.14

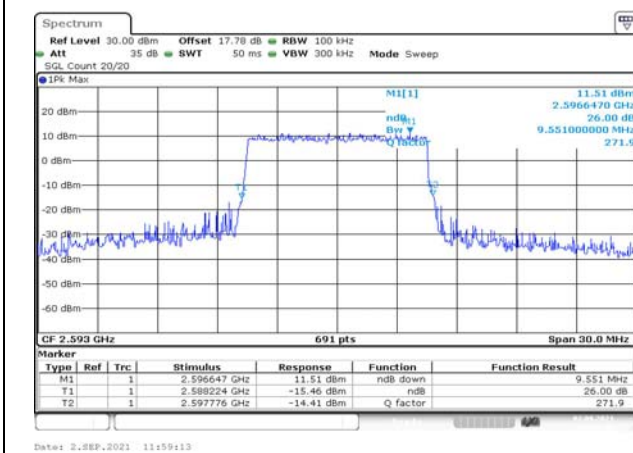


Fig.15

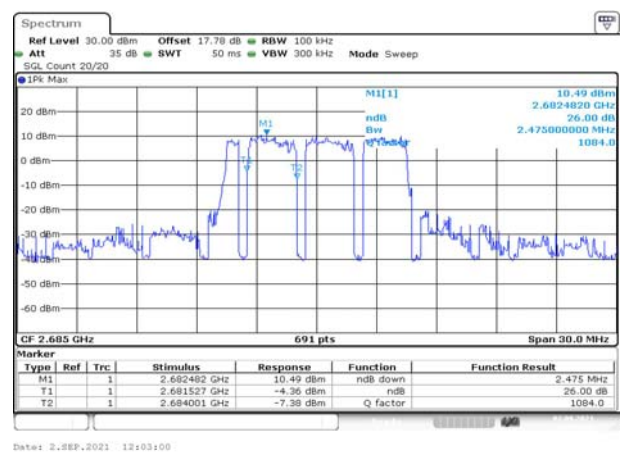


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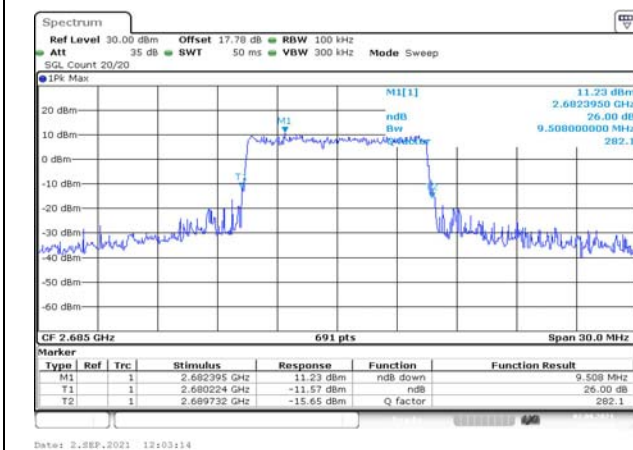


Fig.17

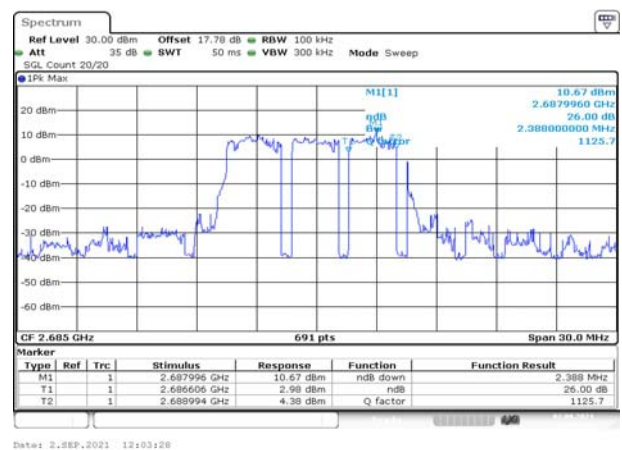


Fig.18

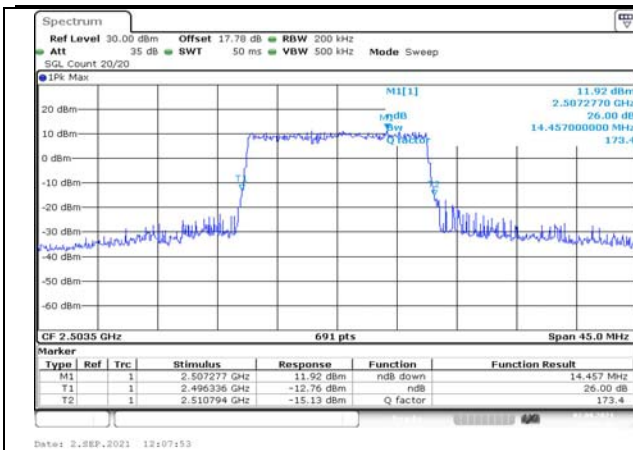


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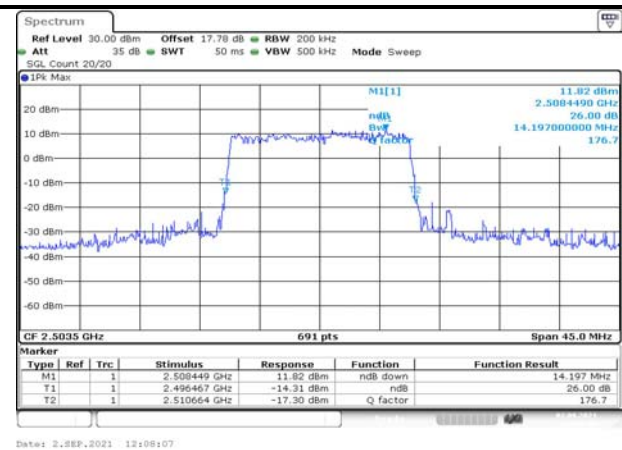


Fig.20

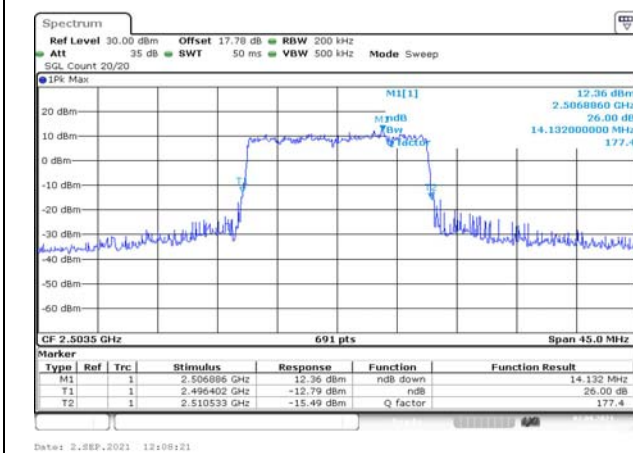


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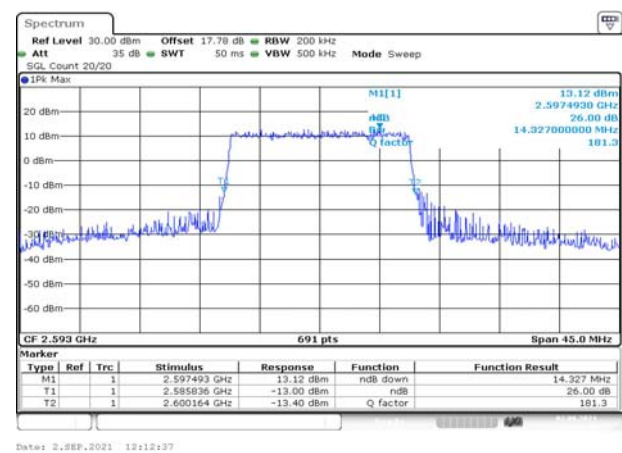


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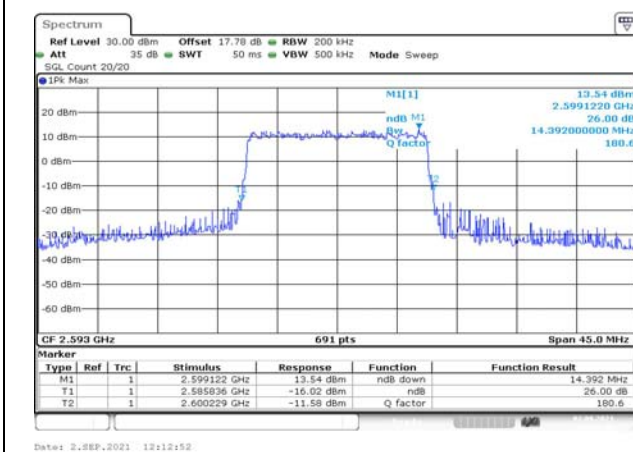


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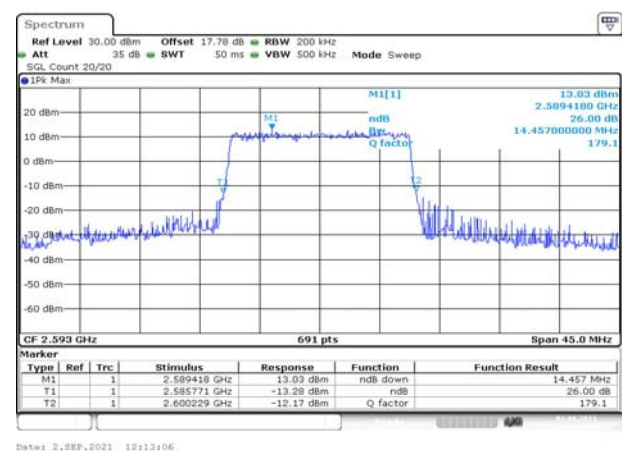


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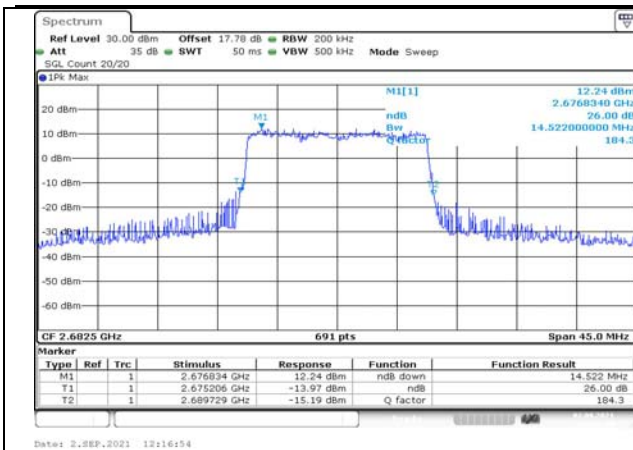


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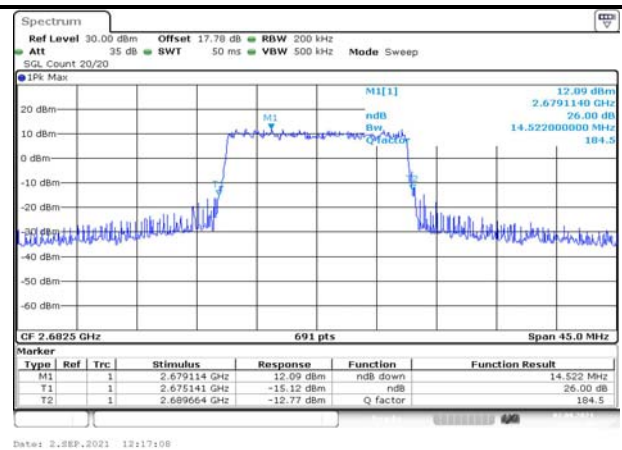


Fig.26

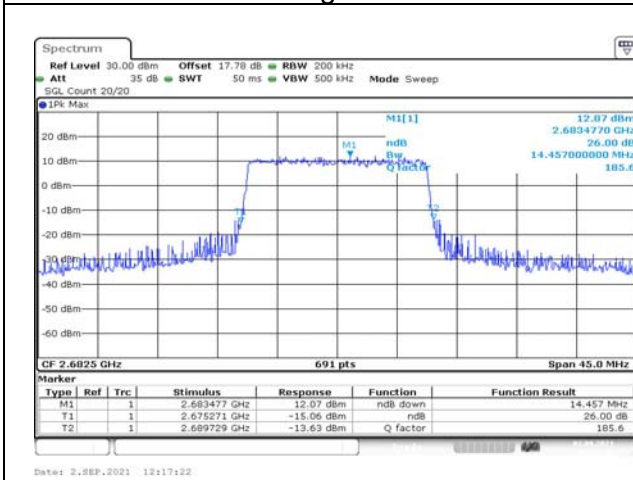


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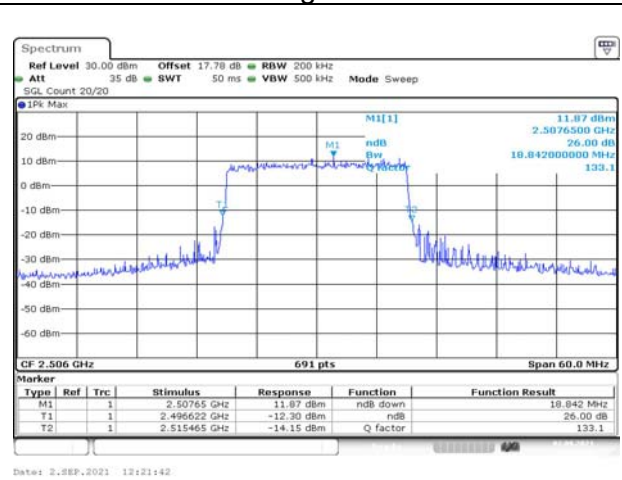


Fig.28

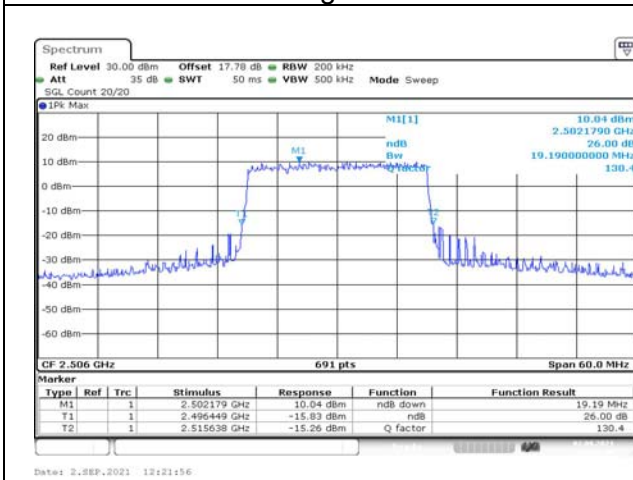


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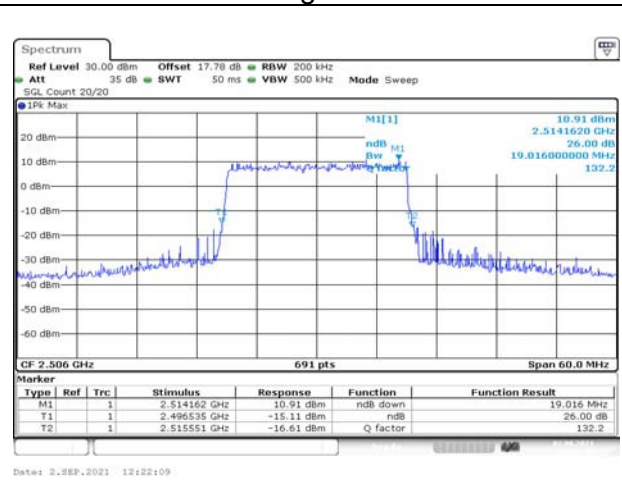


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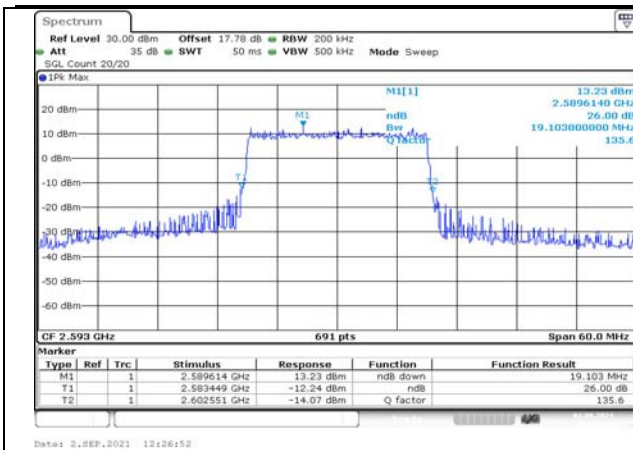


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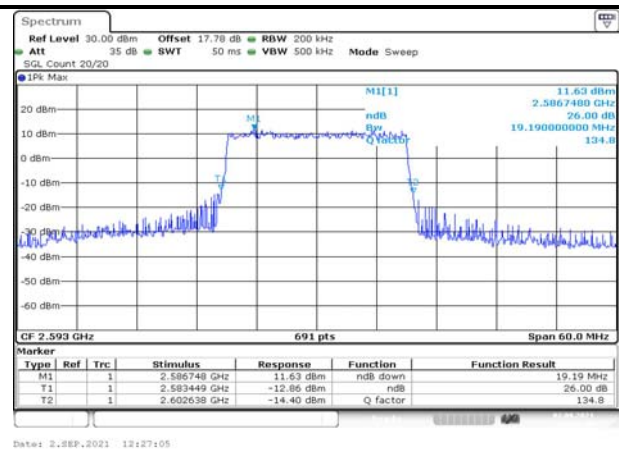


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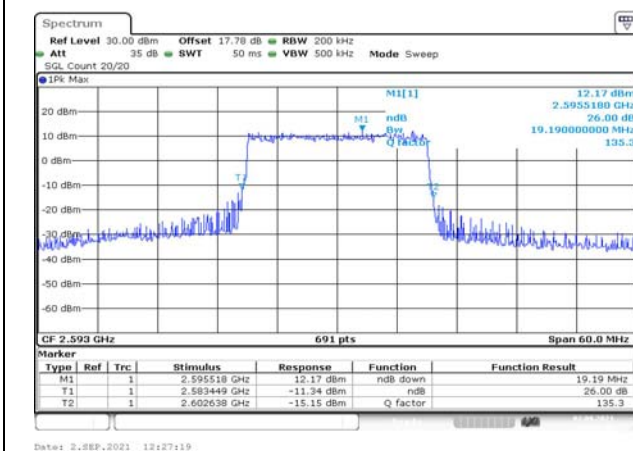


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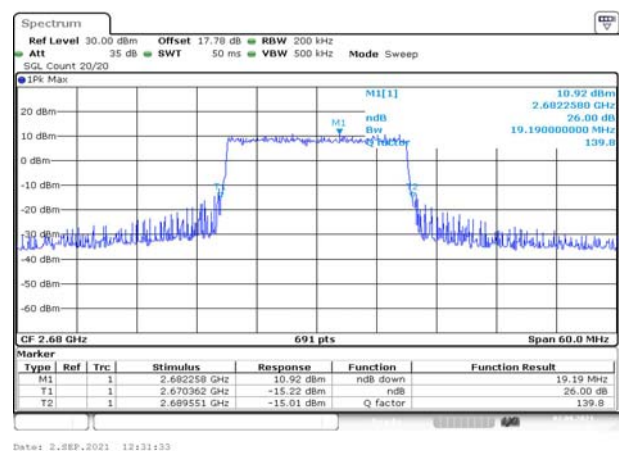


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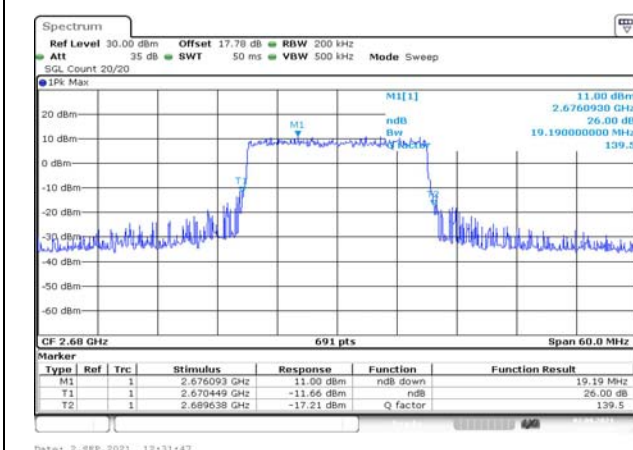


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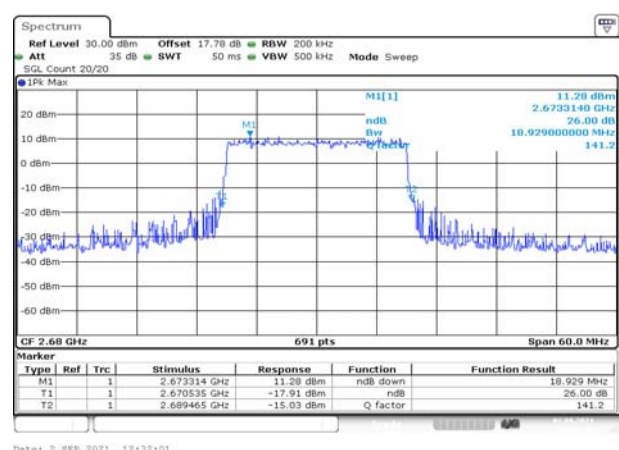


Fig.36

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

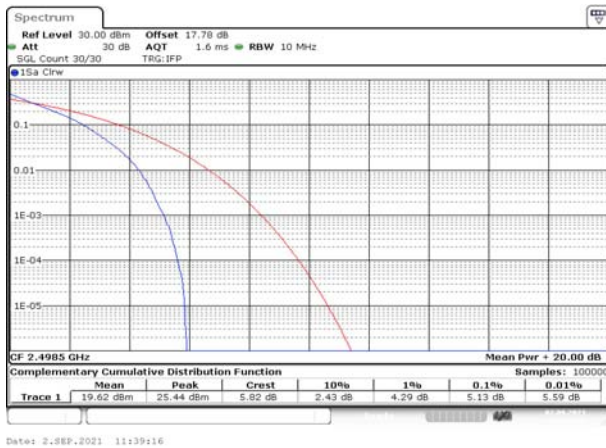


Fig.1

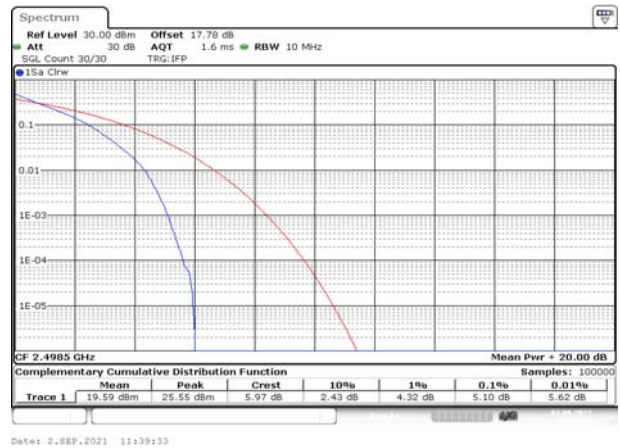


Fig.2

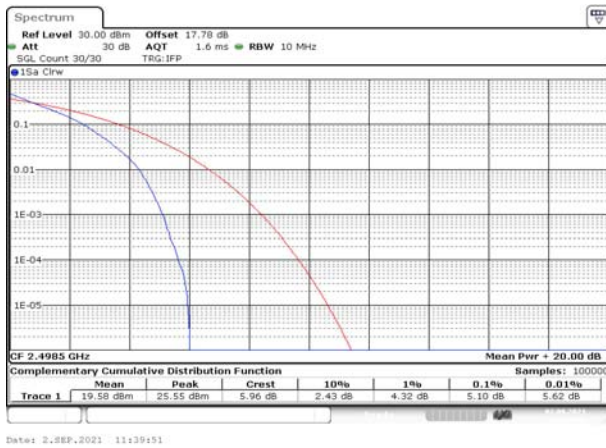


Fig.3

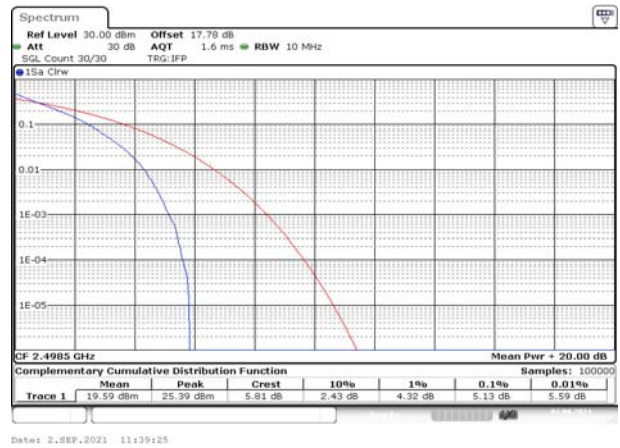


Fig.4

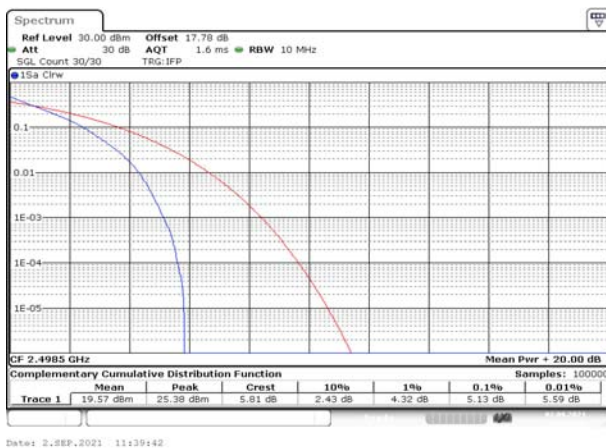


Fig.5

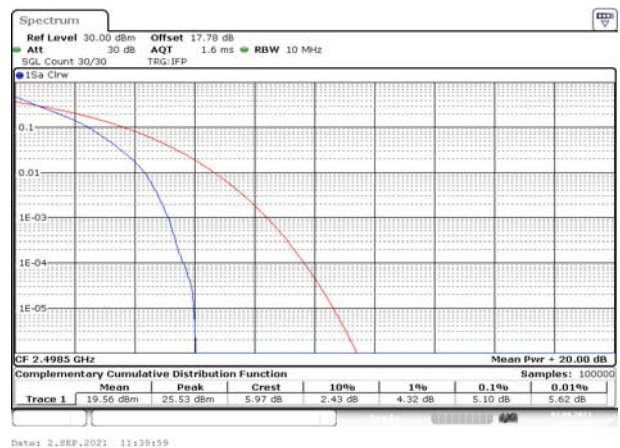


Fig.6

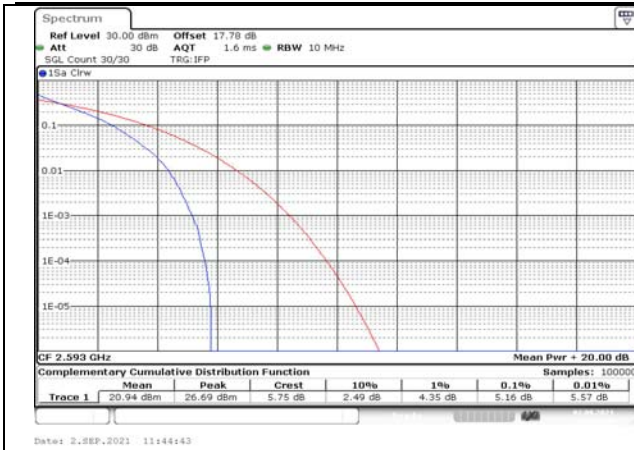


Fig.7

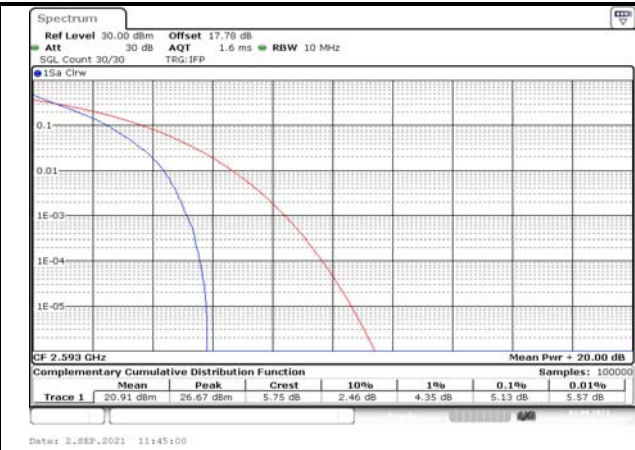


Fig.8

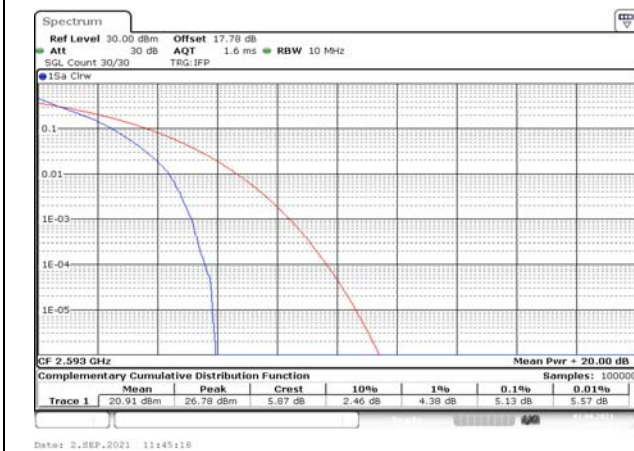


Fig.9

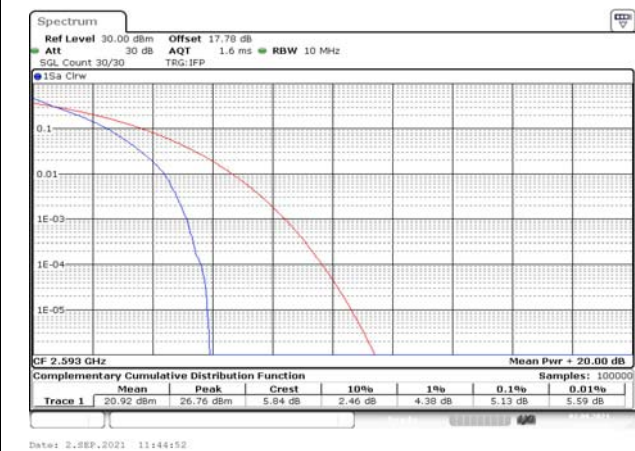


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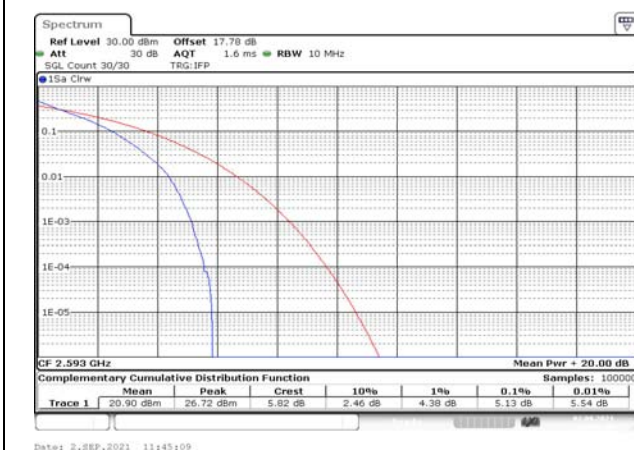


Fig.11

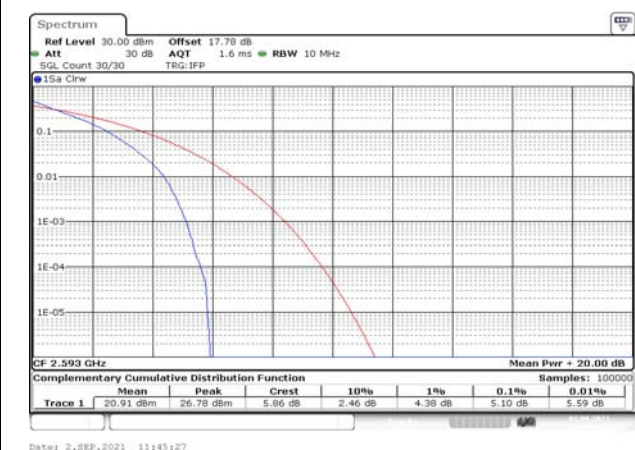


Fig.12

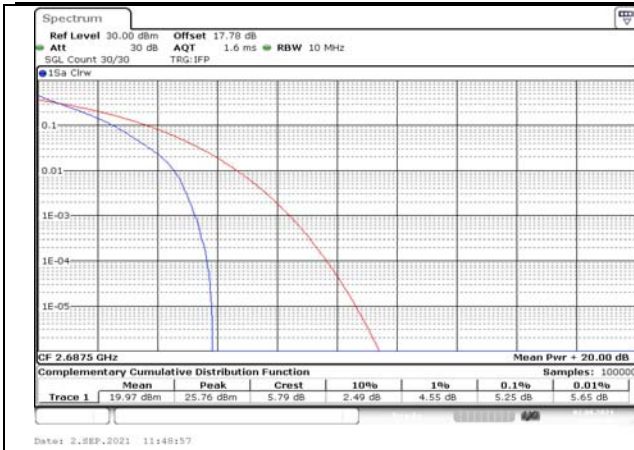


Fig.13

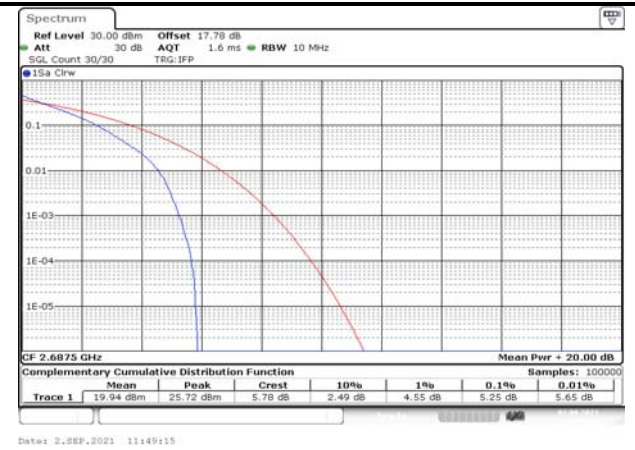


Fig.14

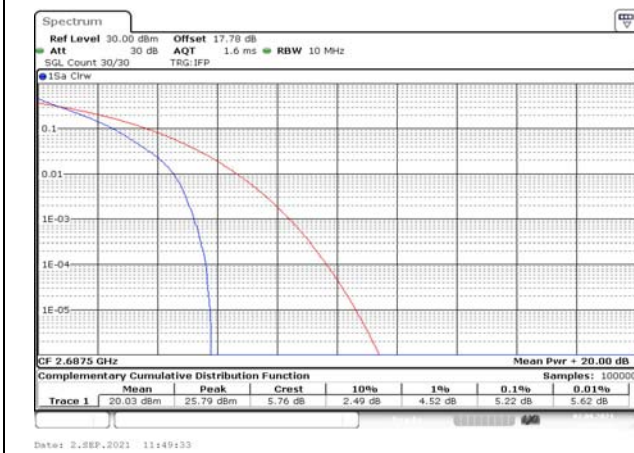


Fig.15

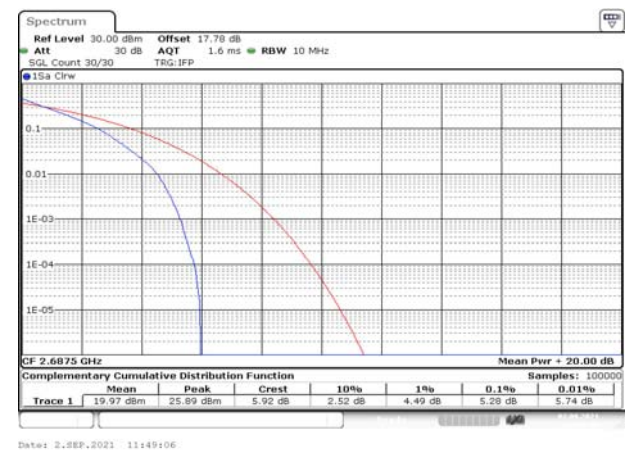


Fig.16

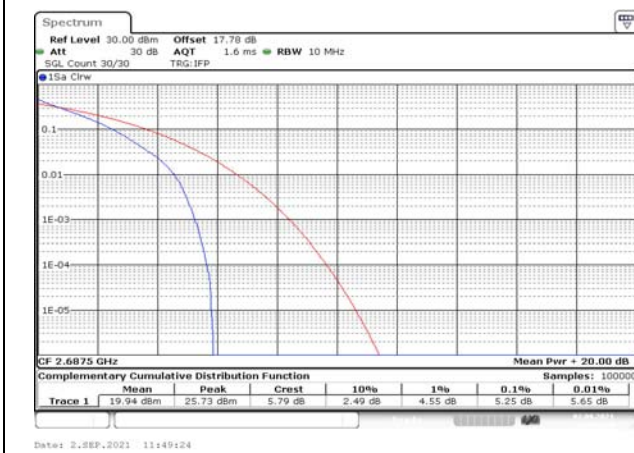


Fig.17

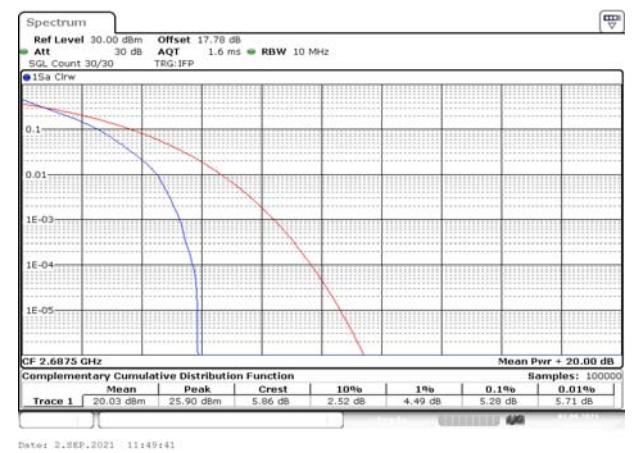


Fig.18

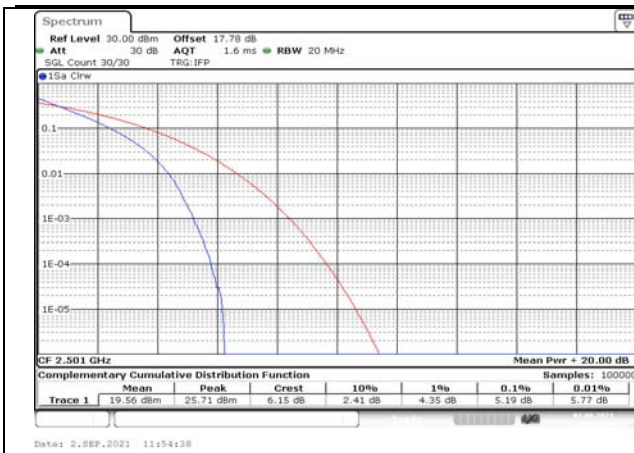


Fig.19

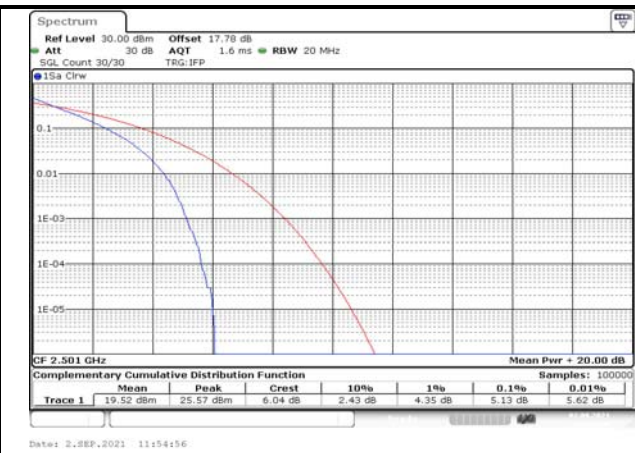


Fig.20

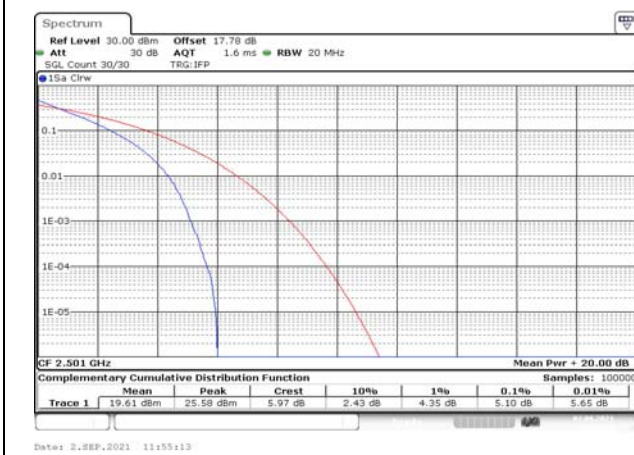


Fig.21

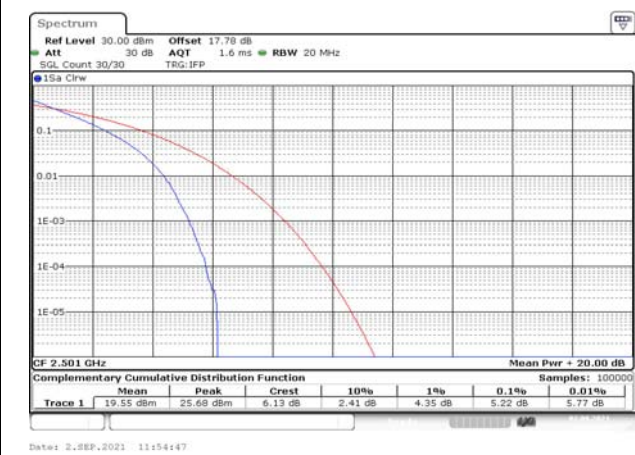


Fig.22

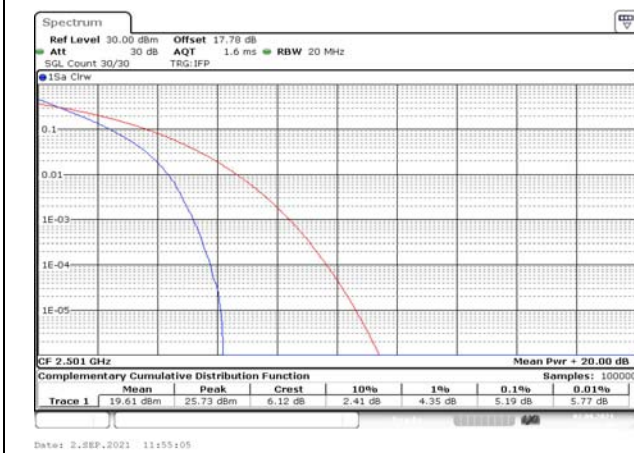


Fig.23

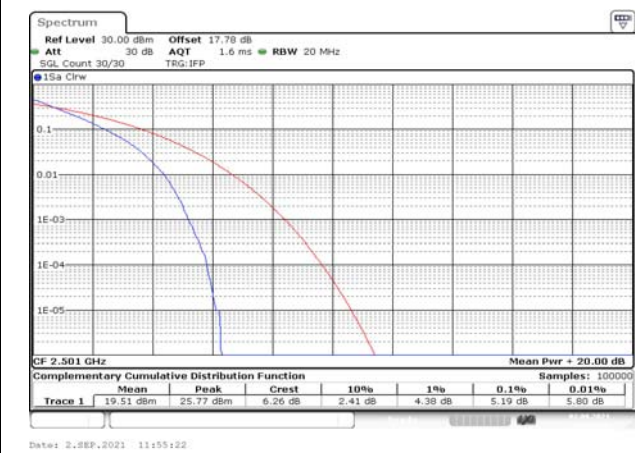


Fig.24



Fig.25

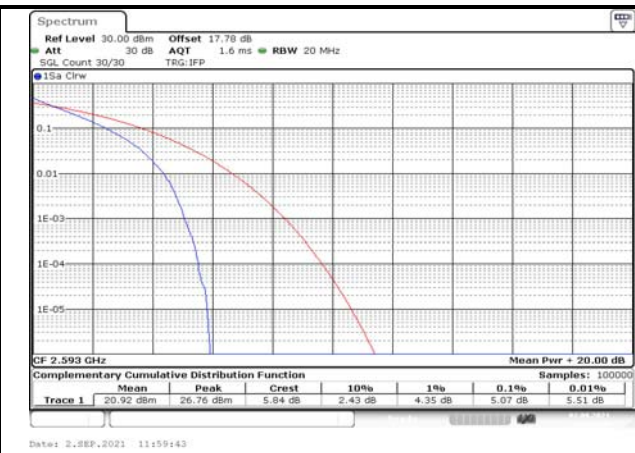


Fig.26

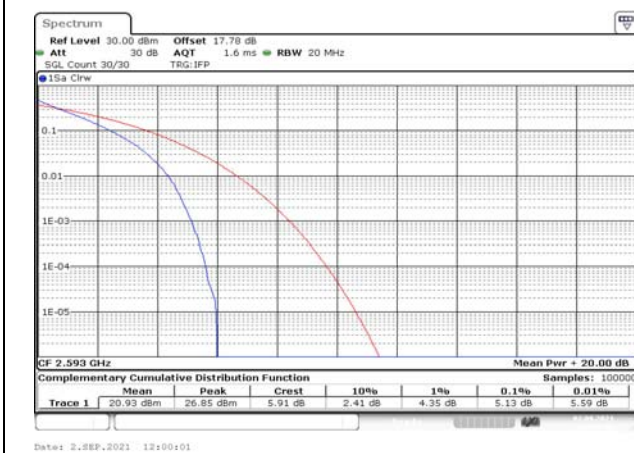


Fig.27

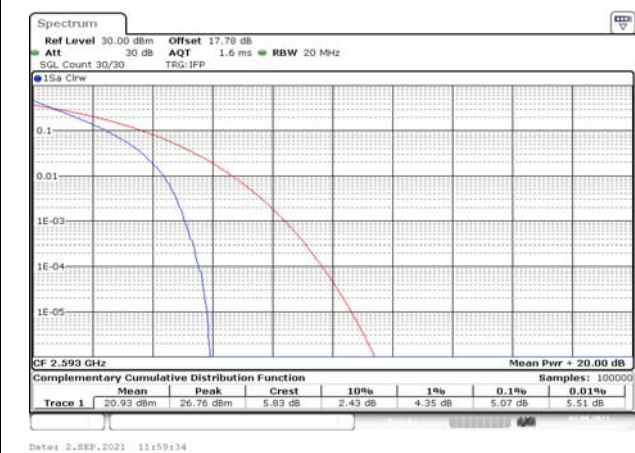


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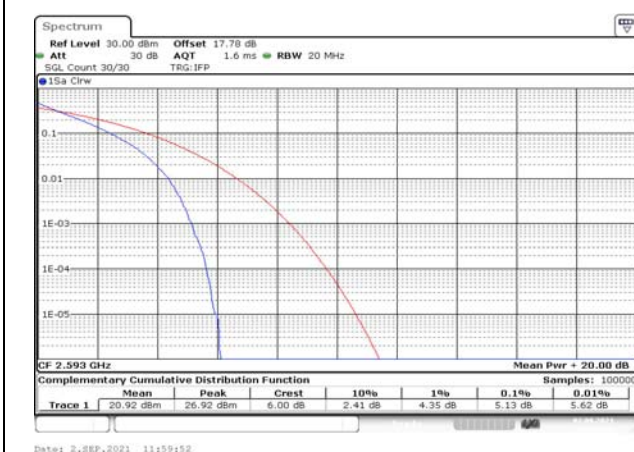


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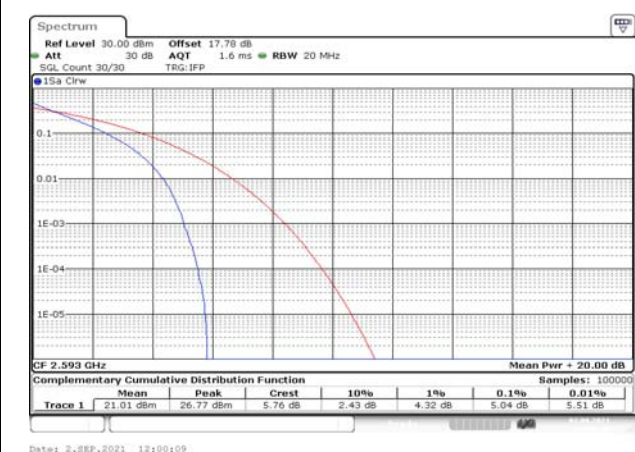


Fig.30

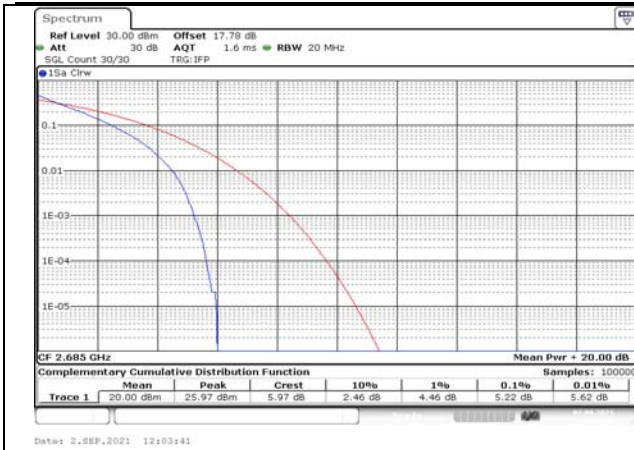


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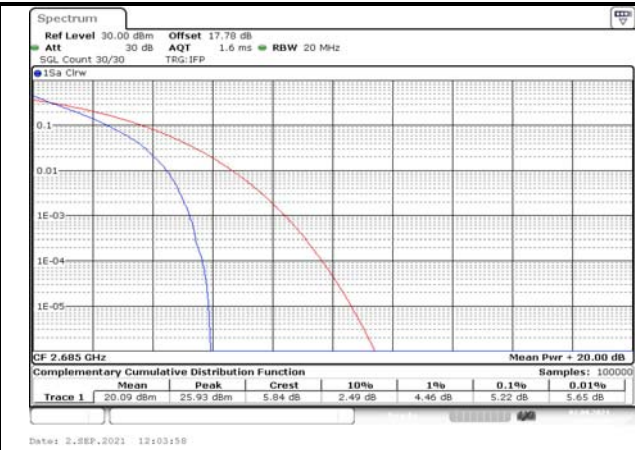


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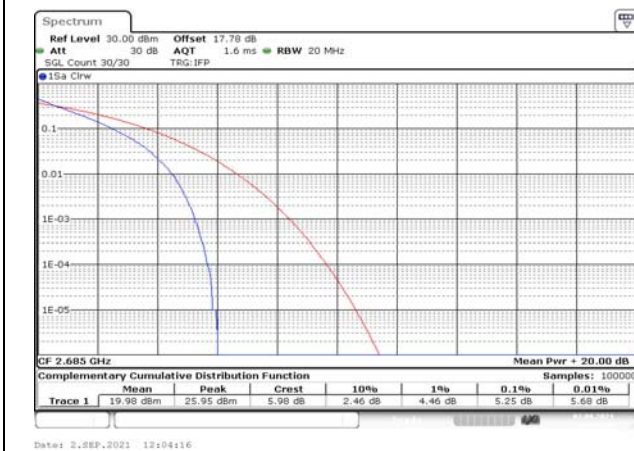


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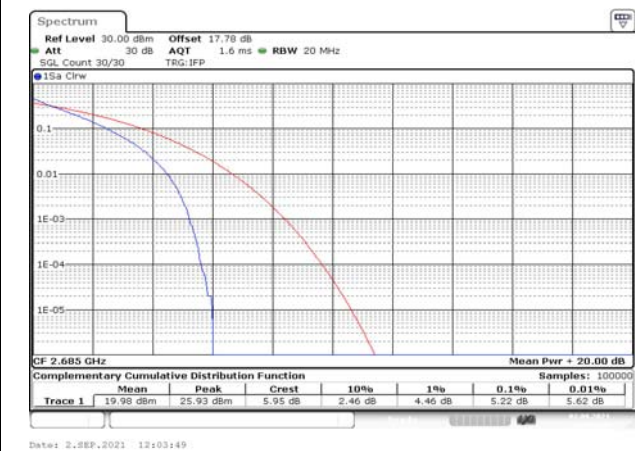


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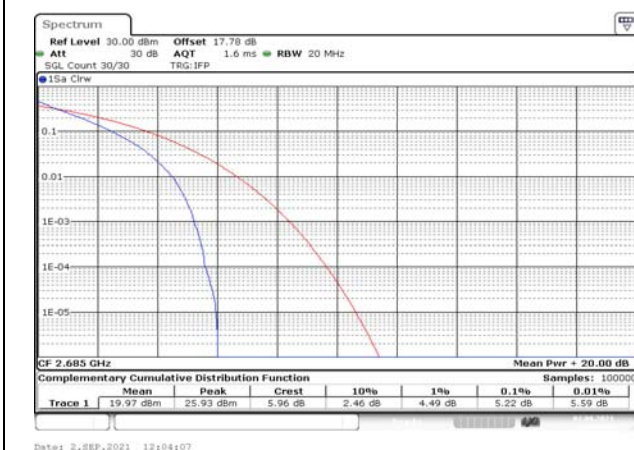


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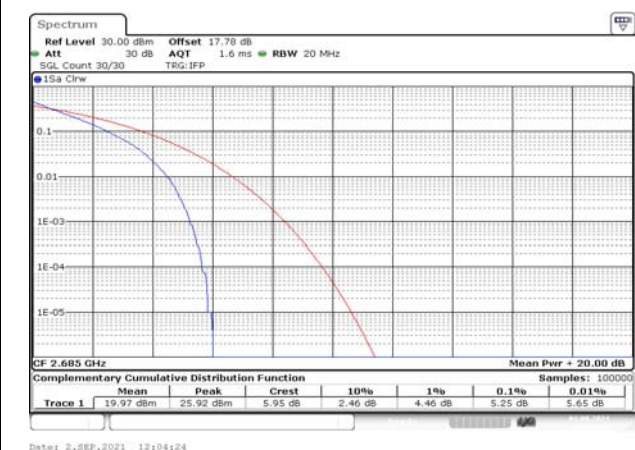


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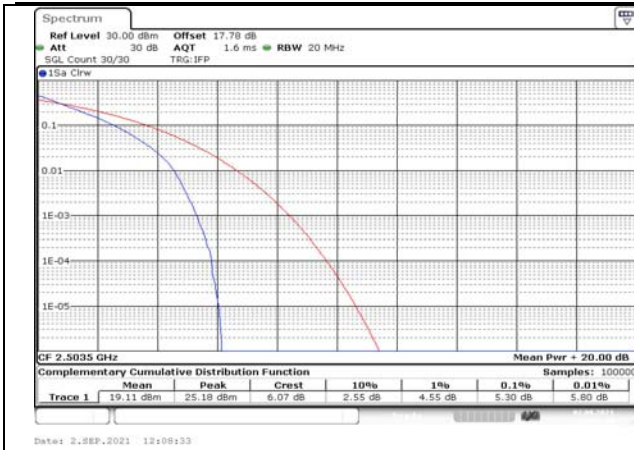


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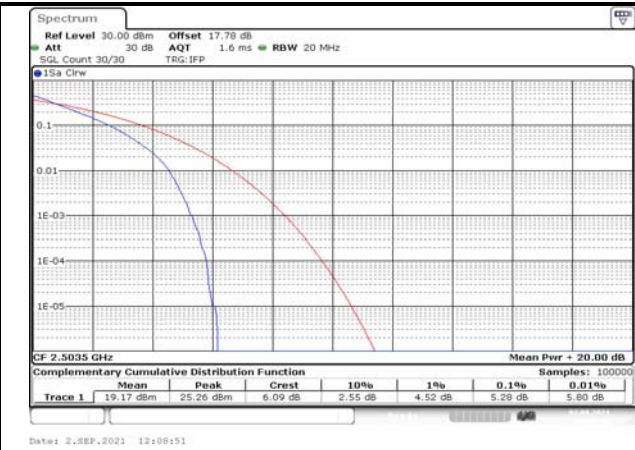


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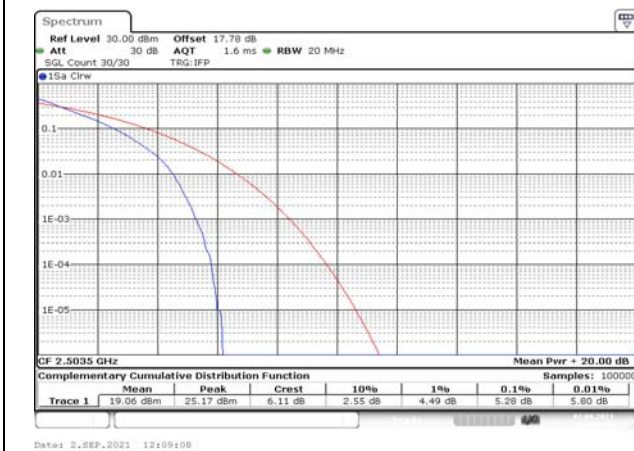


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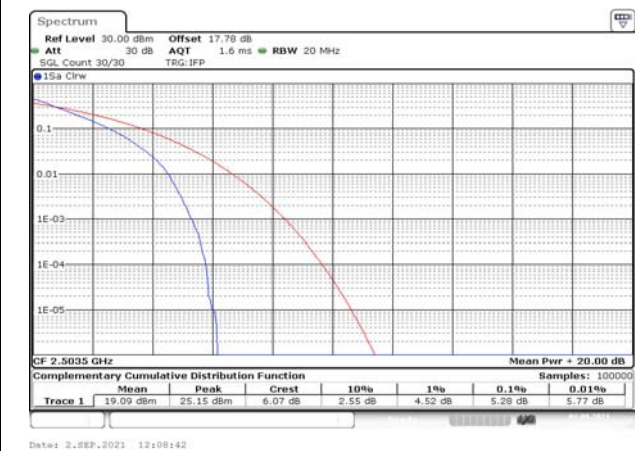


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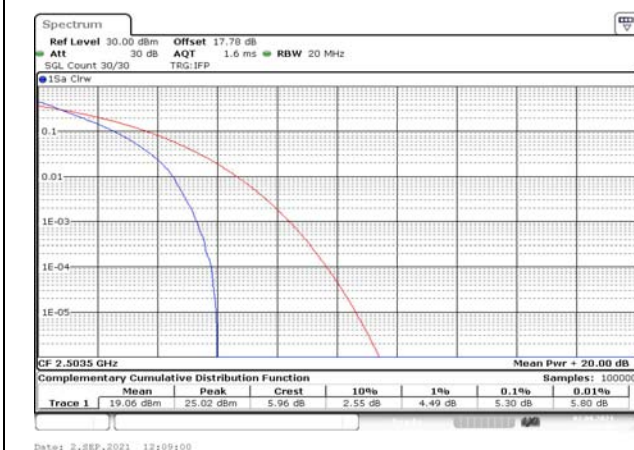


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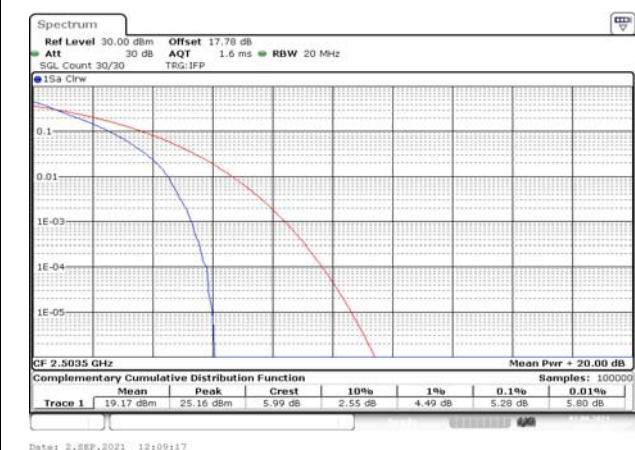


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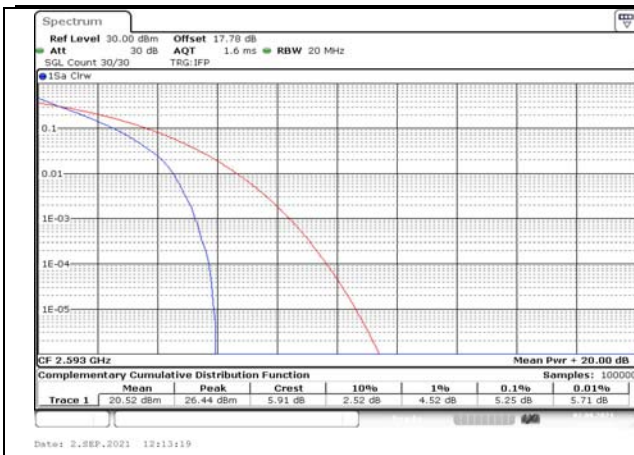


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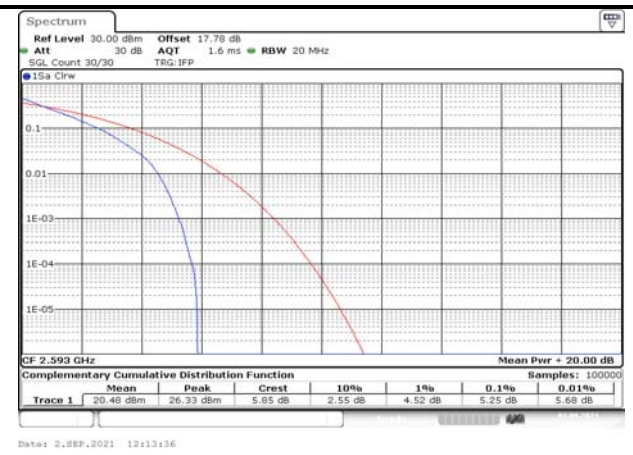


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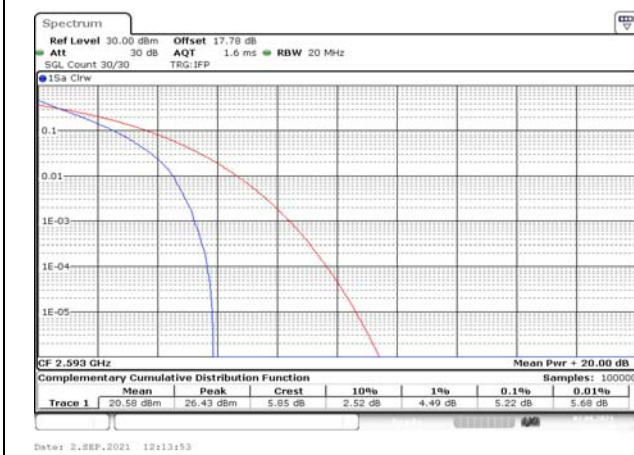


Fig.45

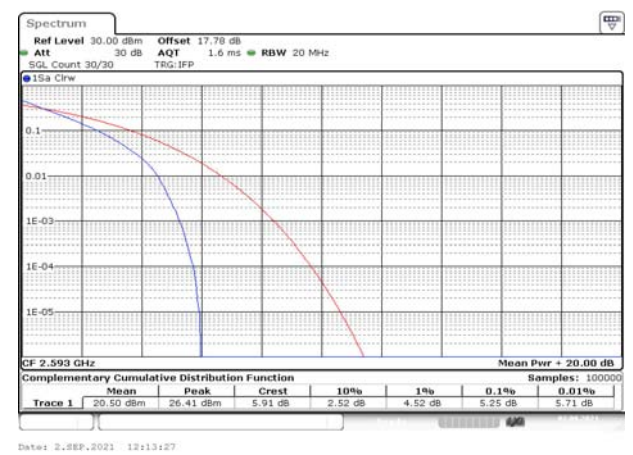


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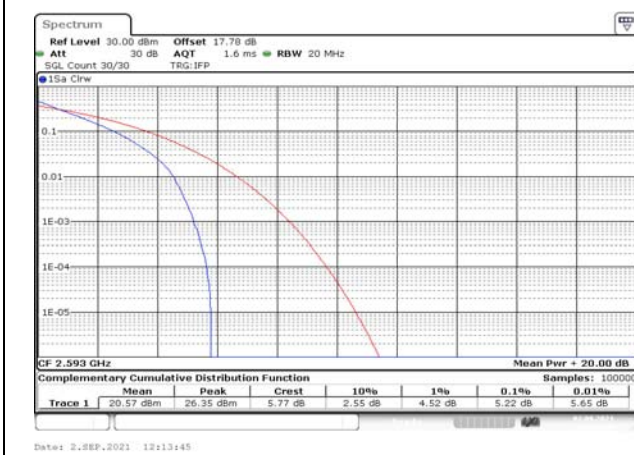


Fig.47

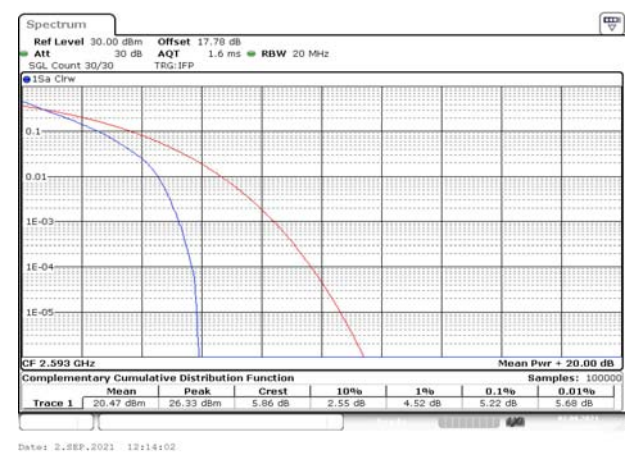


Fig.48



Fig.49

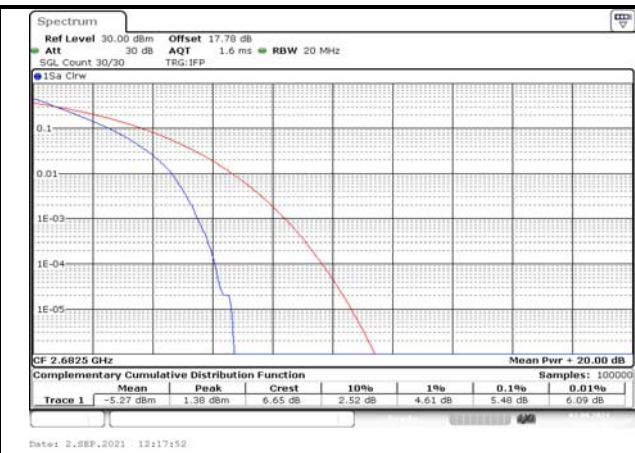


Fig.50

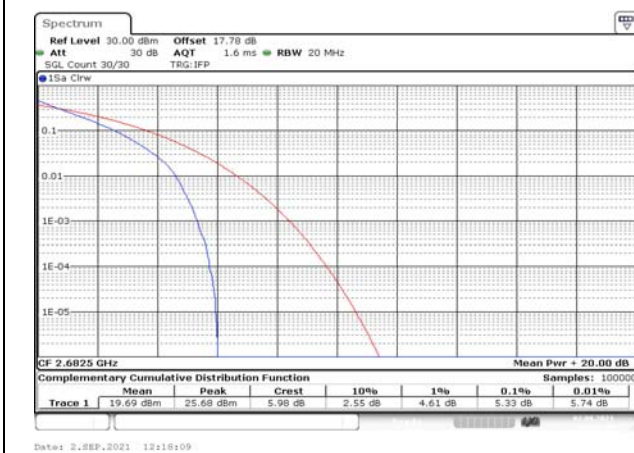


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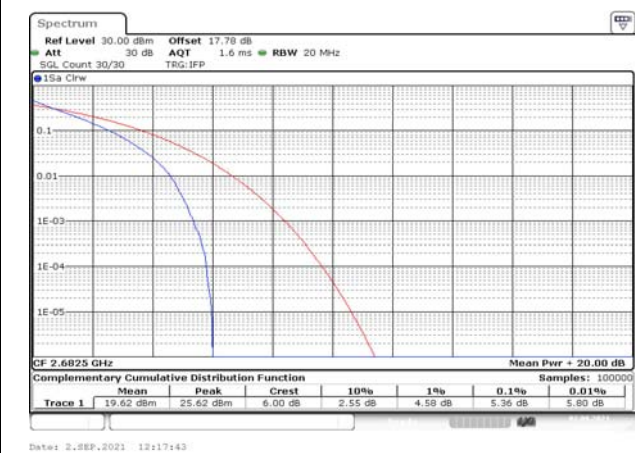


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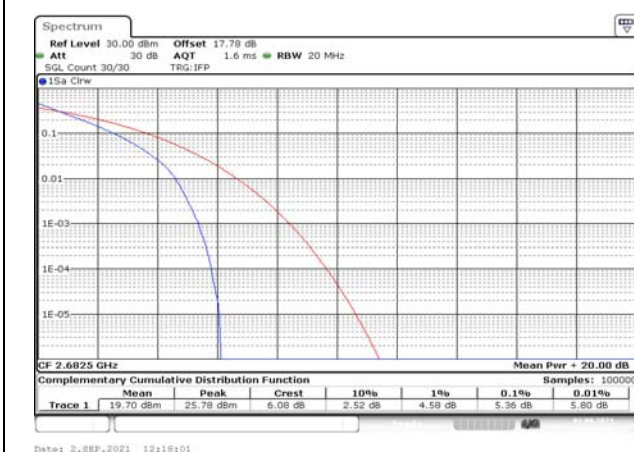


Fig.53

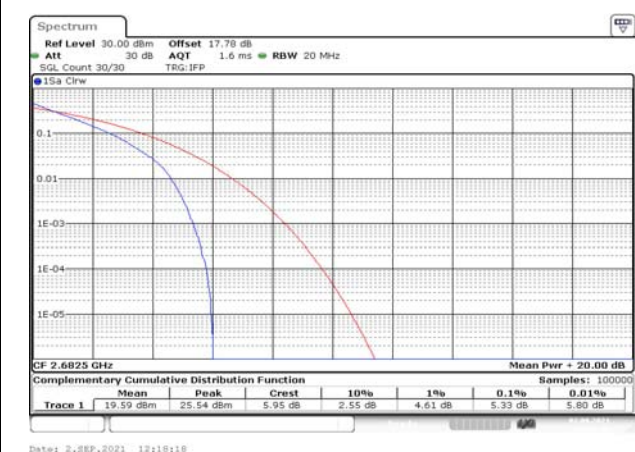
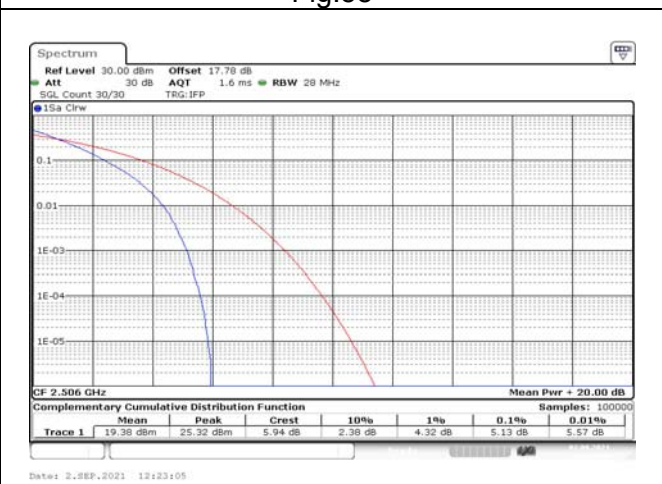
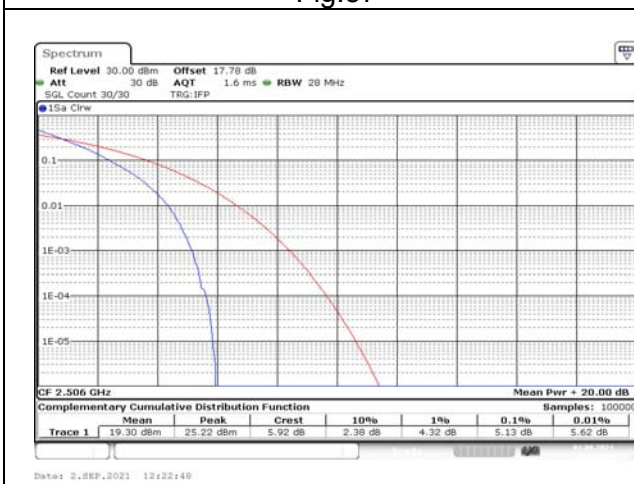
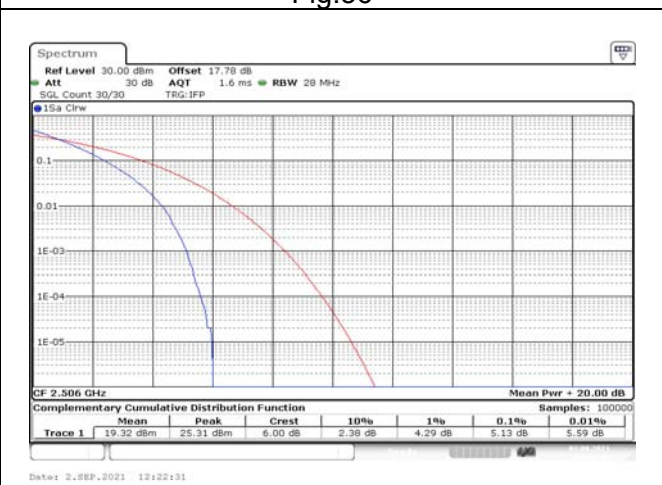
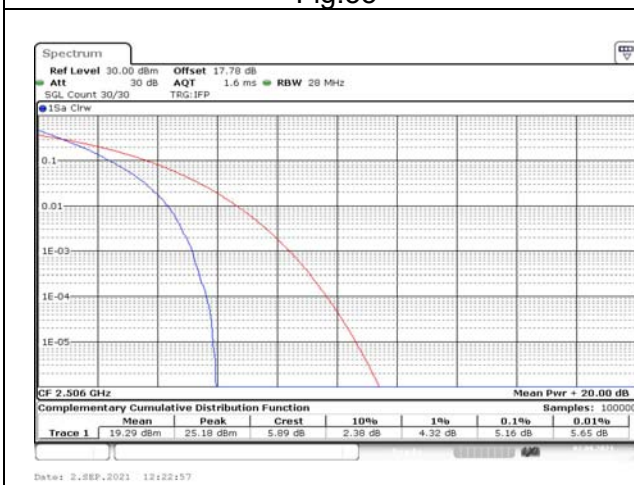
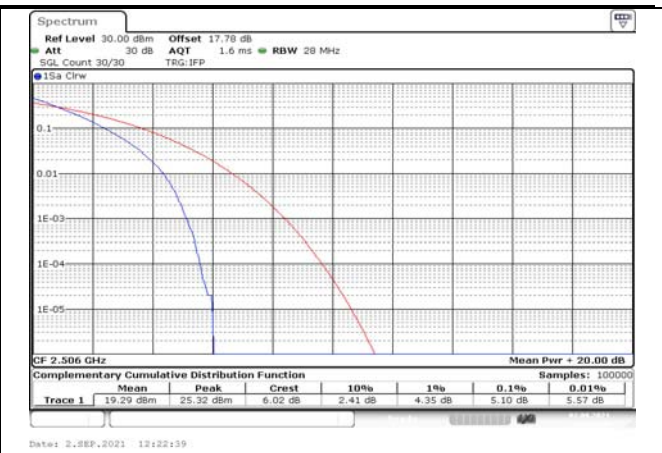


Fig.54



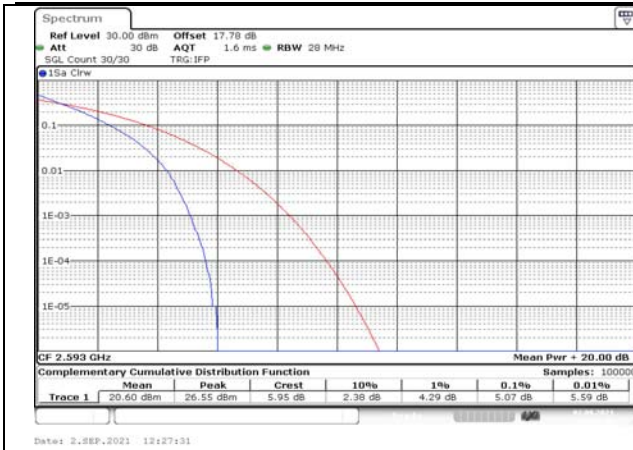


Fig.61

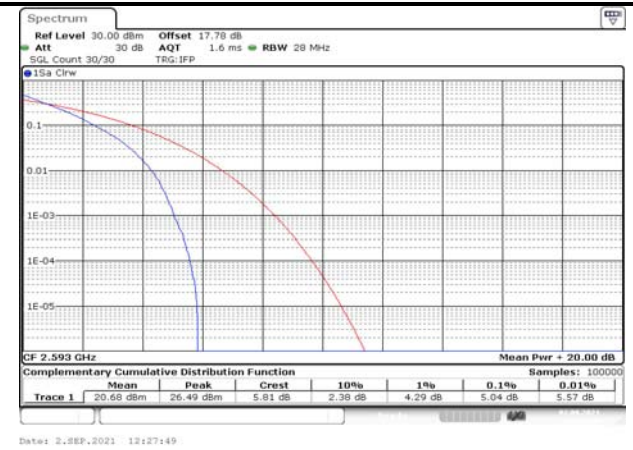


Fig.62

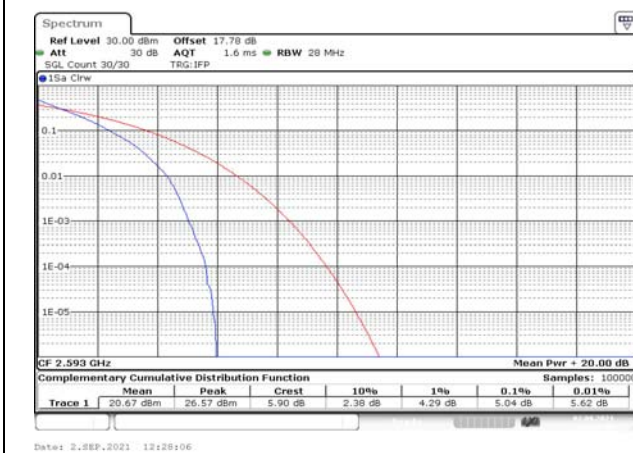


Fig.63

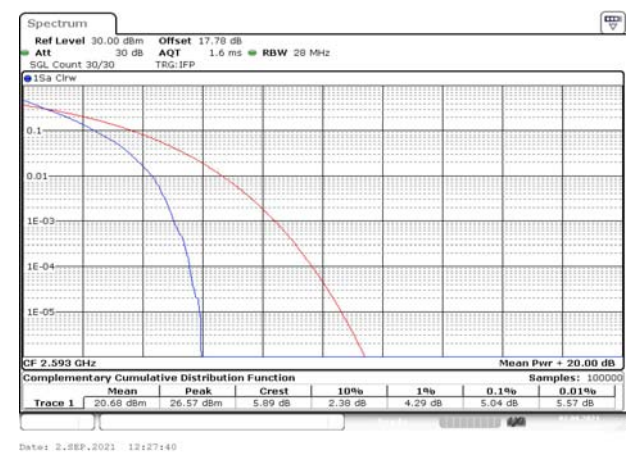


Fig.64

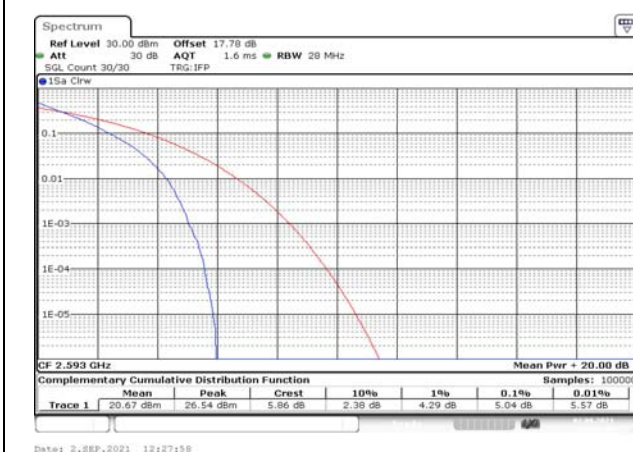


Fig.65

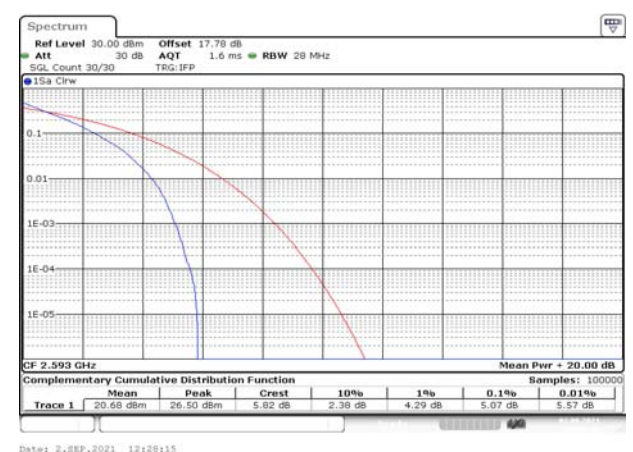


Fig.66



Fig.67

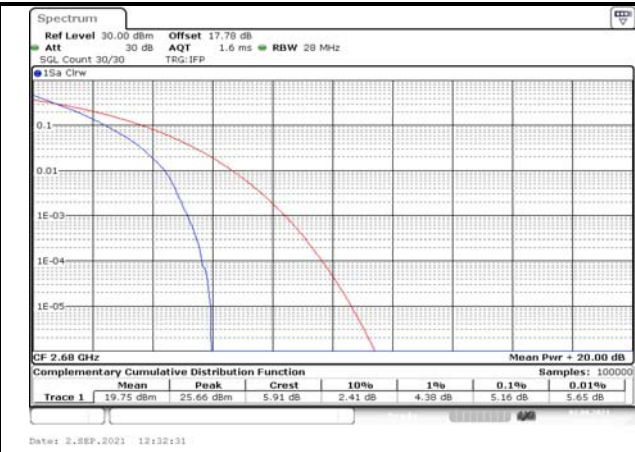


Fig.68

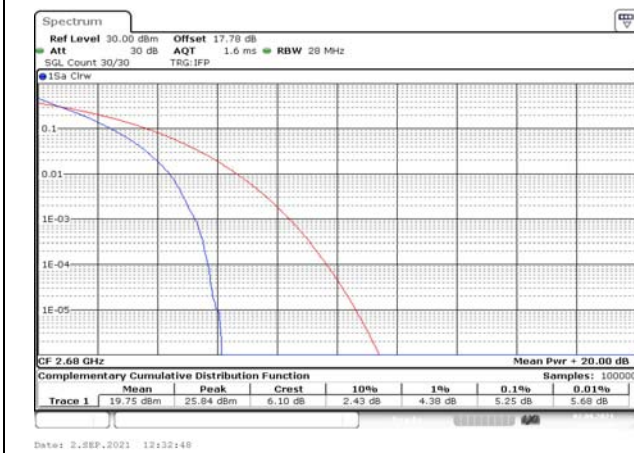


Fig.69

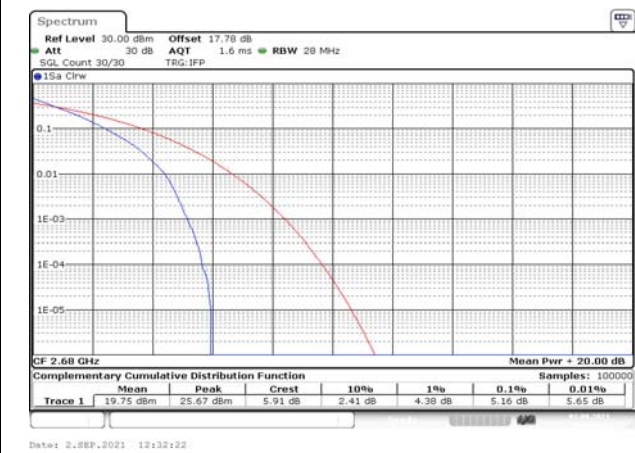


Fig.70

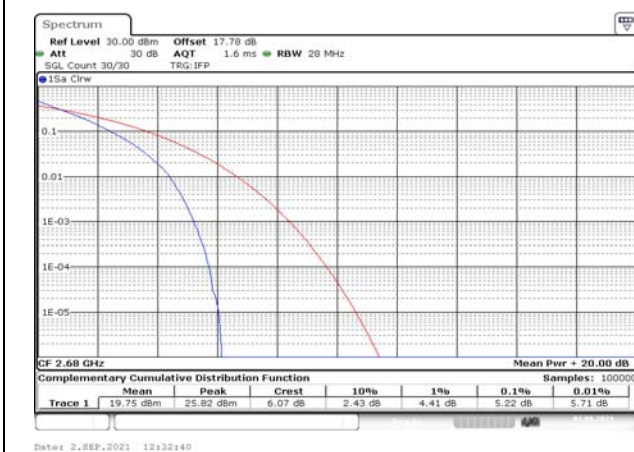


Fig.71

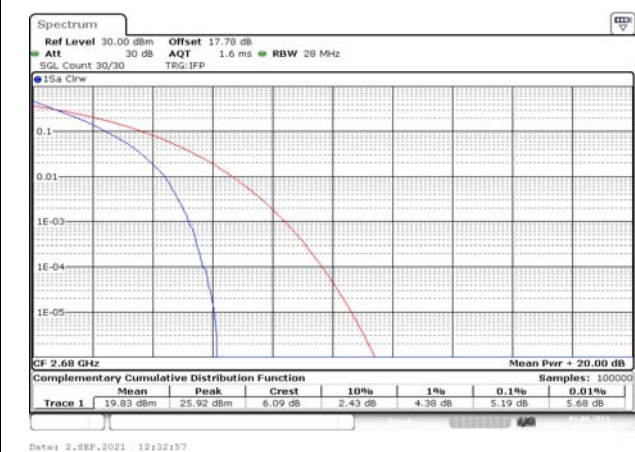


Fig.72

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

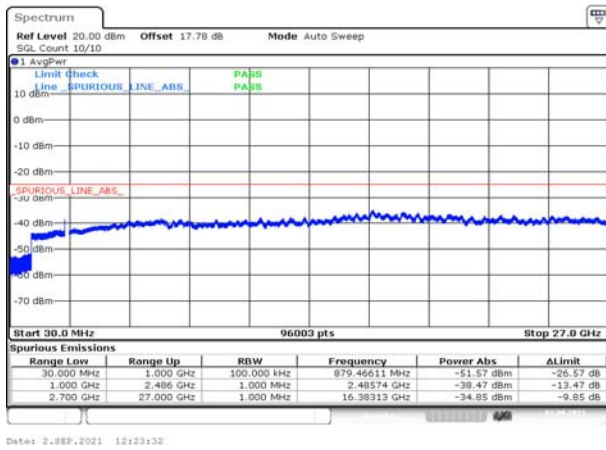


Fig.1

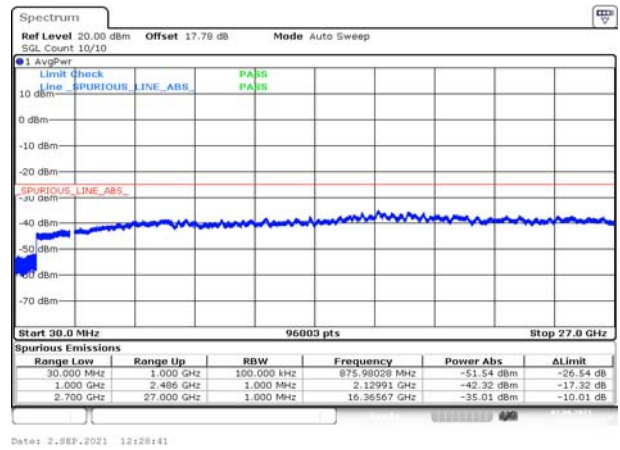


Fig.2

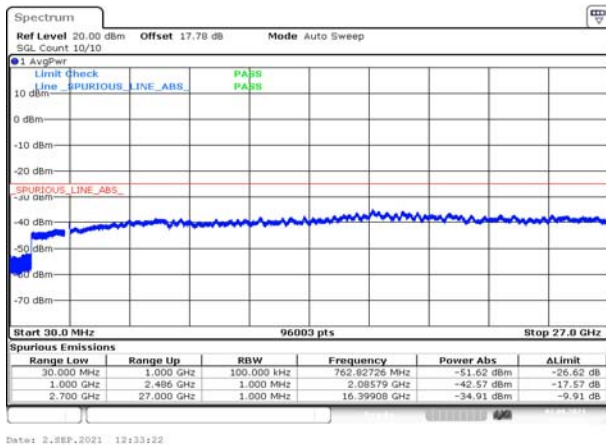


Fig.3

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

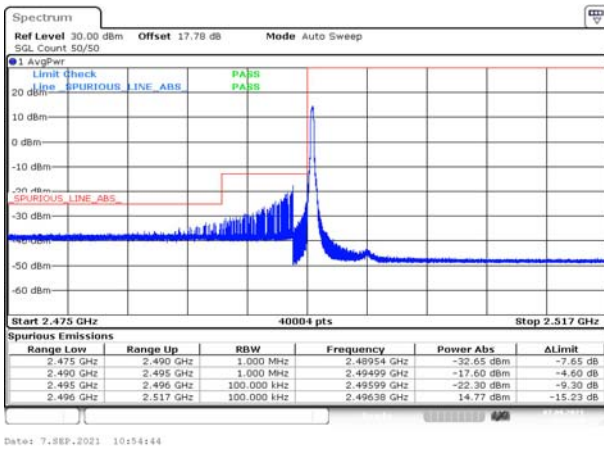


Fig.1

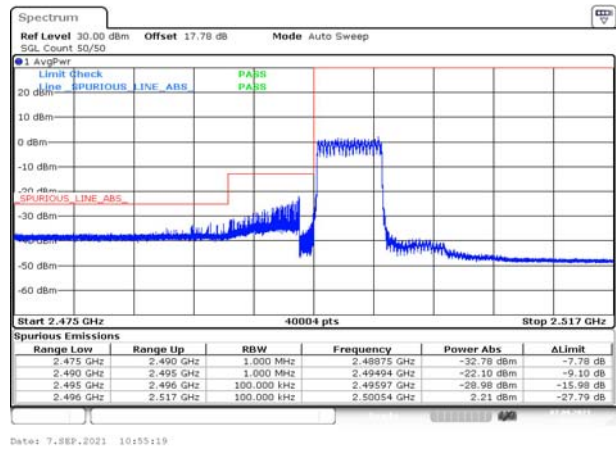


Fig.2

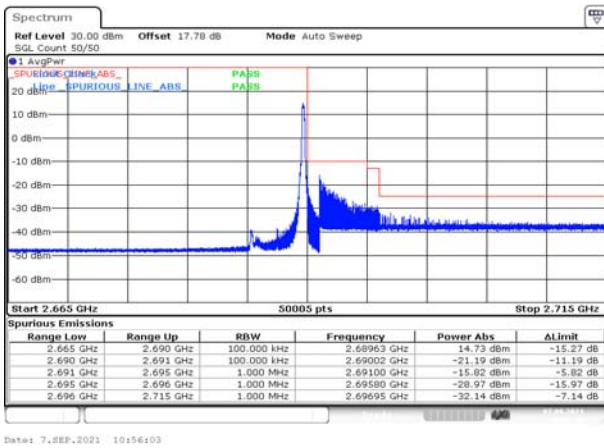


Fig.3

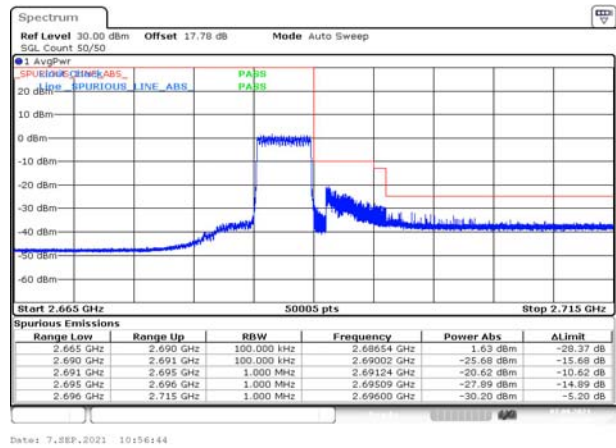


Fig.4

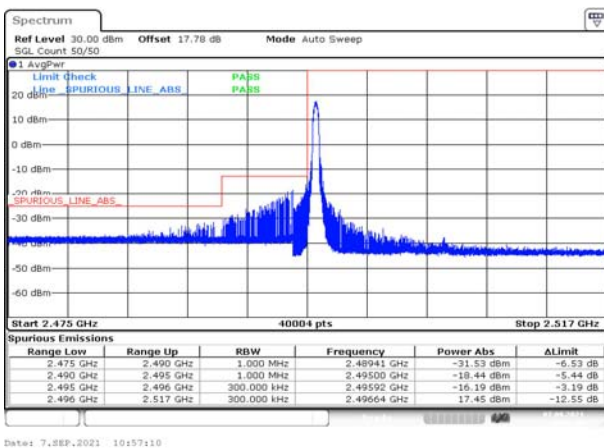


Fig.5

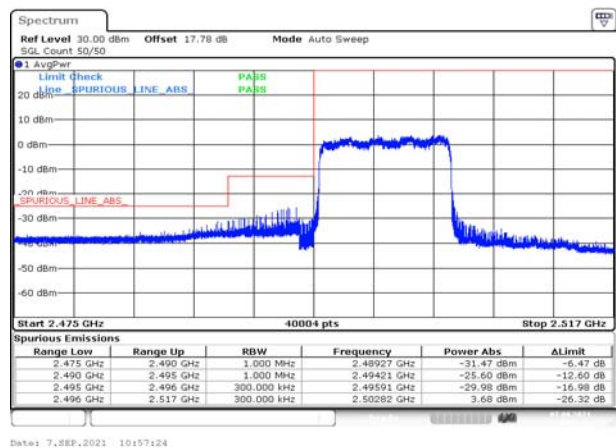


Fig.6

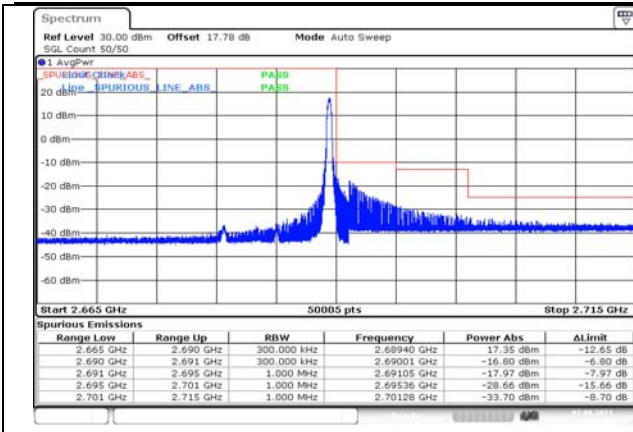


Fig.7

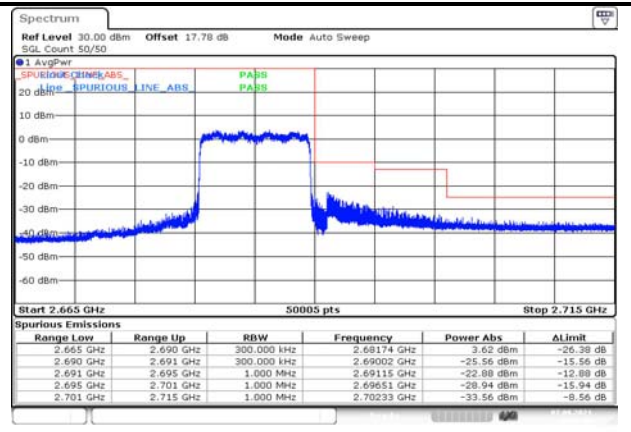


Fig.8

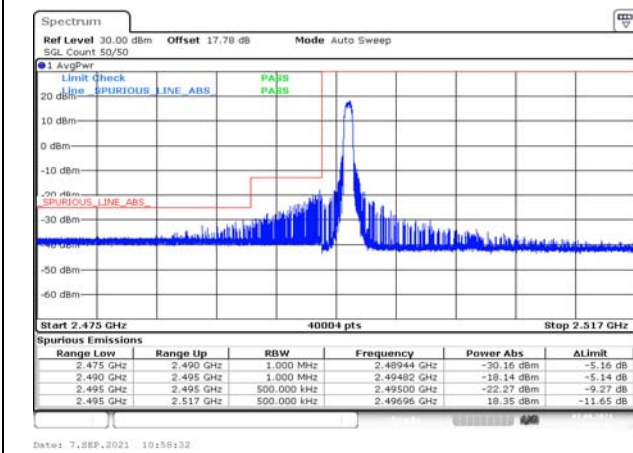


Fig.9

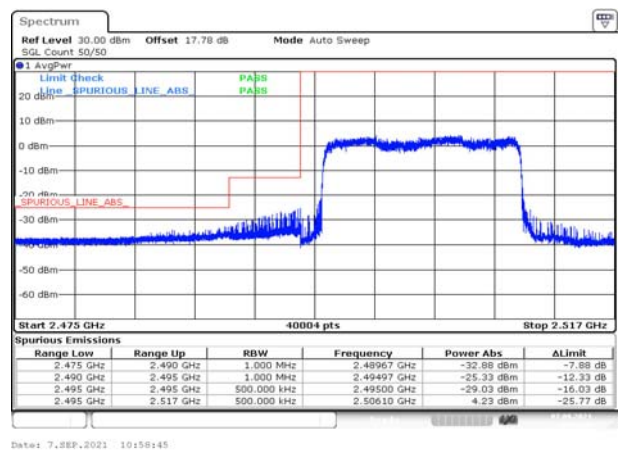


Fig.10

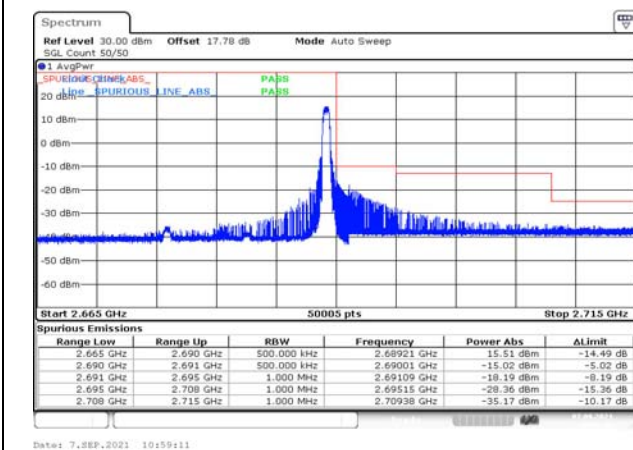


Fig.11

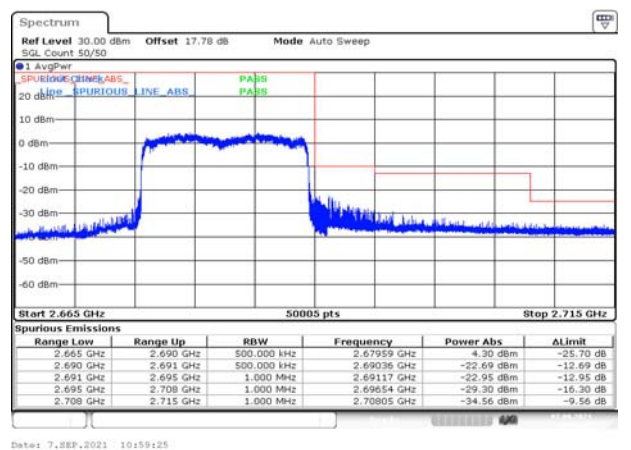


Fig.12

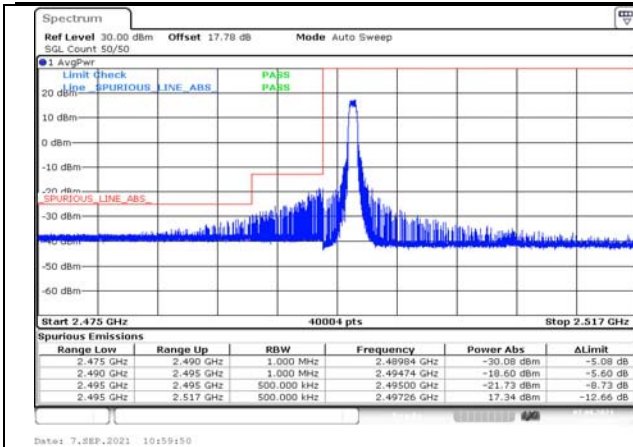


Fig.13

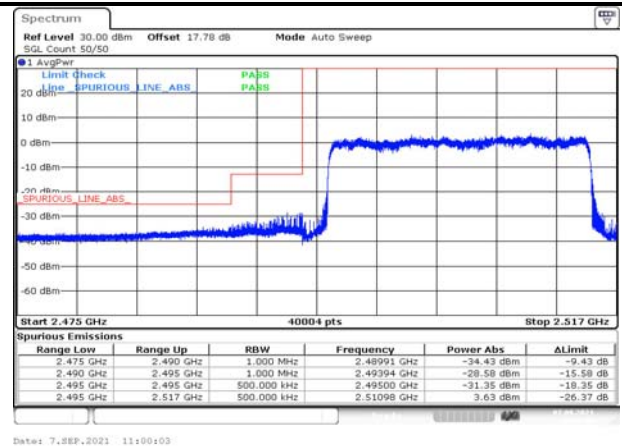


Fig.14

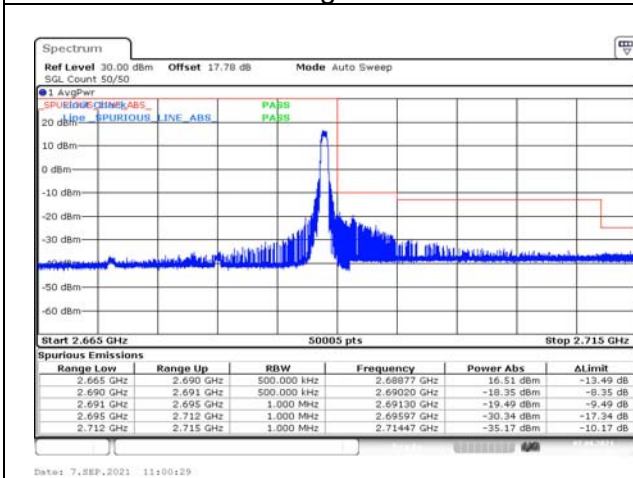


Fig.15

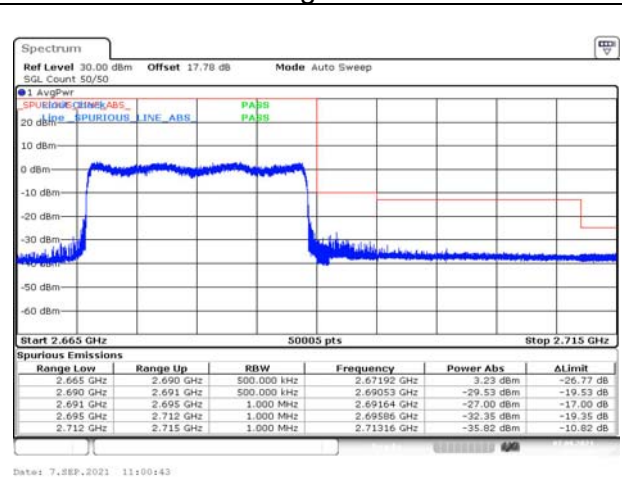


Fig.16

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	20.05	0.101	
				1	12	21.40	20.10	0.102	
				1	24	21.43	20.13	0.103	
				12	0	20.48	19.18	0.083	
				12	7	20.44	19.14	0.082	
				12	13	20.45	19.15	0.082	
	25	0		20.44	19.14	0.082			
	2593	40620		1	0	22.67	21.37	0.137	
				1	12	22.79	21.49	0.141	
				1	24	22.80	21.50	0.141	
				12	0	21.76	20.46	0.111	
				12	7	21.74	20.44	0.111	
				12	13	21.69	20.39	0.109	
	25	0		21.71	20.41	0.110			
	2687.5	41565		1	0	21.74	20.44	0.111	
				1	12	21.71	20.41	0.110	
				1	24	21.83	20.53	0.113	
				12	0	20.78	19.48	0.089	
				12	7	20.92	19.62	0.092	
				12	13	20.82	19.52	0.090	
	25	0		20.83	19.53	0.090			
	16QAM	2498.5		39675	1	0	20.82	19.52	0.090
					1	12	20.69	19.39	0.087
					1	24	20.80	19.50	0.089
12					0	19.42	18.12	0.065	
12					7	19.48	18.18	0.066	
12					13	19.47	18.17	0.066	
25		0		19.44	18.14	0.065			
2593		40620		1	0	22.09	20.79	0.120	
				1	12	22.16	20.86	0.122	
				1	24	22.20	20.90	0.123	
				12	0	20.83	19.53	0.090	
				12	7	20.80	19.50	0.089	
				12	13	20.74	19.44	0.088	
25		0		20.83	19.53	0.090			
2687.5		41565		1	0	20.99	19.69	0.093	
				1	12	21.11	19.81	0.096	
				1	24	21.03	19.73	0.094	
				12	0	19.76	18.46	0.070	
				12	7	19.80	18.50	0.071	
				12	13	19.82	18.52	0.071	
25		0		19.89	18.59	0.072			

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	18.48	0.070
				1	12	19.72	18.42	0.070
				1	24	19.72	18.42	0.070
				12	0	18.54	17.24	0.053
				12	7	18.62	17.32	0.054
				12	13	18.52	17.22	0.053
				25	0	18.47	17.17	0.052
	2593	40620		1	0	21.05	19.75	0.094
				1	12	21.01	19.71	0.094
				1	24	21.16	19.86	0.097
				12	0	19.93	18.63	0.073
				12	7	19.84	18.54	0.071
				12	13	19.84	18.54	0.071
				25	0	19.78	18.48	0.070
	2687.5	41565		1	0	19.96	18.66	0.073
				1	12	19.85	18.55	0.072
				1	24	19.92	18.62	0.073
				12	0	18.84	17.54	0.057
				12	7	18.86	17.56	0.057
				12	13	18.76	17.46	0.056
				25	0	18.78	17.48	0.056

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	20.07	0.102	
				1	25	21.29	19.99	0.100	
				1	49	21.20	19.90	0.098	
				25	0	20.44	19.14	0.082	
				25	12	20.32	19.02	0.080	
				25	25	20.30	19.00	0.079	
	50	0		20.38	19.08	0.081			
	2593	40620		1	0	22.65	21.35	0.136	
				1	25	22.65	21.35	0.136	
				1	49	22.64	21.34	0.136	
				25	0	21.78	20.48	0.112	
				25	12	21.75	20.45	0.111	
				25	25	21.77	20.47	0.111	
	50	0		21.77	20.47	0.111			
	2685	41540		1	0	21.53	20.23	0.105	
				1	25	21.55	20.25	0.106	
				1	49	21.59	20.29	0.107	
				25	0	20.80	19.50	0.089	
				25	12	20.88	19.58	0.091	
				25	25	20.78	19.48	0.089	
	50	0		20.87	19.57	0.091			
	16QAM	2501		39700	1	0	20.73	19.43	0.088
					1	25	20.59	19.29	0.085
					1	49	20.83	19.53	0.090
25					0	19.47	18.17	0.066	
25					12	19.39	18.09	0.064	
25					25	19.38	18.08	0.064	
50		0		19.38	18.08	0.064			
2593		40620		1	0	21.88	20.58	0.114	
				1	25	22.00	20.70	0.117	
				1	49	21.93	20.63	0.116	
				25	0	20.75	19.45	0.088	
				25	12	20.77	19.47	0.089	
				25	25	20.87	19.57	0.091	
50		0		20.75	19.45	0.088			
2685		41540		1	0	21.28	19.98	0.100	
				1	25	21.15	19.85	0.097	
				1	49	21.14	19.84	0.096	
				25	0	19.79	18.49	0.071	
				25	12	19.69	18.39	0.069	
				25	25	19.84	18.54	0.071	
50		0		19.92	18.62	0.073			

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	18.49	0.071
				1	25	19.44	18.14	0.065
				1	49	19.42	18.12	0.065
				25	0	18.38	17.08	0.051
				25	12	18.42	17.12	0.052
				25	25	18.39	17.09	0.051
				50	0	18.39	17.09	0.051
	2593	40620		1	0	21.27	19.97	0.099
				1	25	20.84	19.54	0.090
				1	49	20.85	19.55	0.090
				25	0	19.72	18.42	0.070
				25	12	19.65	18.35	0.068
				25	25	19.73	18.43	0.070
				50	0	19.77	18.47	0.070
	2685	41540		1	0	20.14	18.84	0.077
				1	25	20.07	18.77	0.075
				1	49	20.10	18.80	0.076
				25	0	18.84	17.54	0.057
				25	12	18.83	17.53	0.057
				25	25	18.86	17.56	0.057
				50	0	18.85	17.55	0.057

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	19.87	0.097	
				1	37	21.02	19.72	0.094	
				1	74	21.07	19.77	0.095	
				36	0	20.24	18.94	0.078	
				36	29	20.17	18.87	0.077	
				36	30	20.11	18.81	0.076	
				75	0	20.17	18.87	0.077	
	2593	40620		1	0	22.44	21.14	0.130	
				1	37	22.40	21.10	0.129	
				1	74	22.50	21.20	0.132	
				36	0	21.63	20.33	0.108	
				36	29	21.61	20.31	0.107	
				36	30	21.61	20.31	0.107	
				75	0	21.60	20.30	0.107	
	2682.5	41515		1	0	21.55	20.25	0.106	
				1	37	21.52	20.22	0.105	
				1	74	21.51	20.21	0.105	
				36	0	20.68	19.38	0.087	
				36	29	20.61	19.31	0.085	
				36	30	20.64	19.34	0.086	
				75	0	20.64	19.34	0.086	
	16QAM	2503.5		39725	1	0	20.42	19.12	0.082
					1	37	20.38	19.08	0.081
					1	74	20.33	19.03	0.080
36					0	19.25	17.95	0.062	
36					29	19.13	17.83	0.061	
36					30	19.20	17.90	0.062	
75					0	19.11	17.81	0.060	
2593		40620		1	0	21.87	20.57	0.114	
				1	37	21.89	20.59	0.115	
				1	74	22.00	20.70	0.117	
				36	0	20.60	19.30	0.085	
				36	29	20.63	19.33	0.086	
				36	30	20.61	19.31	0.085	
				75	0	20.59	19.29	0.085	
2682.5		41515		1	0	20.89	19.59	0.091	
				1	37	20.82	19.52	0.090	
				1	74	20.87	19.57	0.091	
				36	0	19.67	18.37	0.069	
				36	29	19.66	18.36	0.069	
				36	30	19.60	18.30	0.068	
				75	0	19.72	18.42	0.070	

Modulation	Carrier frequen 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	18.11	0.065
				1	37	19.32	18.02	0.063
				1	74	19.23	17.93	0.062
				36	0	18.24	16.94	0.049
				36	29	18.22	16.92	0.049
				36	30	18.17	16.87	0.049
				75	0	18.22	16.92	0.049
	2593	40620		1	0	20.80	19.50	0.089
				1	37	20.78	19.48	0.089
				1	74	20.78	19.48	0.089
				36	0	19.63	18.33	0.068
				36	29	19.57	18.27	0.067
				36	30	19.56	18.26	0.067
				75	0	19.61	18.31	0.068
	2682.5	41515		1	0	19.96	18.66	0.073
				1	37	19.74	18.44	0.070
				1	74	19.80	18.50	0.071
				36	0	18.78	17.48	0.056
				36	29	18.67	17.37	0.055
				36	30	18.67	17.37	0.055
				75	0	18.72	17.42	0.055

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	19.79	0.095	
				1	49	21.04	19.74	0.094	
				1	99	21.05	19.75	0.094	
				50	0	20.25	18.95	0.079	
				50	24	20.22	18.92	0.078	
				50	50	20.15	18.85	0.077	
	100	0		20.15	18.85	0.077			
	2593	40620		1	0	22.52	21.22	0.132	
				1	49	22.46	21.16	0.131	
				1	99	22.70	21.40	0.138	
				50	0	21.62	20.32	0.108	
				50	24	21.59	20.29	0.107	
				50	50	21.63	20.33	0.108	
	100	0		21.58	20.28	0.107			
	2680	41490		1	0	21.64	20.34	0.108	
				1	49	21.48	20.18	0.104	
				1	99	21.63	20.33	0.108	
				50	0	20.70	19.40	0.087	
				50	24	20.74	19.44	0.088	
				50	50	20.63	19.33	0.086	
	100	0		20.69	19.39	0.087			
	16QAM	2506		39750	1	0	20.39	19.09	0.081
					1	49	20.32	19.02	0.080
					1	99	20.43	19.13	0.082
50					0	19.22	17.92	0.062	
50					24	19.17	17.87	0.061	
50					50	19.15	17.85	0.061	
100		0		19.14	17.84	0.061			
2593		40620		1	0	21.94	20.64	0.116	
				1	49	21.88	20.58	0.114	
				1	99	22.10	20.80	0.120	
				50	0	20.63	19.33	0.086	
				50	24	20.63	19.33	0.086	
				50	50	20.65	19.35	0.086	
100		0		20.65	19.35	0.086			
2680		41490		1	0	20.56	19.26	0.084	
				1	49	20.44	19.14	0.082	
				1	99	20.56	19.26	0.084	
				50	0	19.74	18.44	0.070	
				50	24	19.77	18.47	0.070	
				50	50	19.63	18.33	0.068	
100		0		19.80	18.50	0.071			

Modulation	Carrier frequen 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	17.96	0.063
				1	49	19.23	17.93	0.062
				1	99	19.14	17.84	0.061
				50	0	18.15	16.85	0.048
				50	24	18.18	16.88	0.049
				50	50	18.13	16.83	0.048
				100	0	18.18	16.88	0.049
	2593	40620		1	0	20.71	19.41	0.087
				1	49	20.56	19.26	0.084
				1	99	20.78	19.48	0.089
				50	0	19.64	18.34	0.068
				50	24	19.64	18.34	0.068
				50	50	19.66	18.36	0.069
				100	0	19.60	18.30	0.068
	2680	41490		1	0	19.73	18.43	0.070
				1	49	19.78	18.48	0.070
				1	99	19.75	18.45	0.070
				50	0	18.82	17.52	0.056
				50	24	18.83	17.53	0.057
				50	50	18.70	17.40	0.055
				100	0	18.80	17.50	0.056