

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 38

1 RF Power Output

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	
QPSK	2572.5	37775	5	1	0	22.68	
				1	12	22.65	
				1	24	22.85	
				12	0	21.88	
				12	7	21.87	
				12	13	21.78	
	2595	38000		25	0	21.80	
				1	0	22.88	
				1	12	22.75	
				1	24	22.74	
				12	0	21.95	
				12	7	21.90	
	2617.5	38225		12	13	21.91	
				25	0	21.91	
				1	0	23.11	
				1	12	23.11	
				1	24	23.09	
				12	0	22.01	
	16QAM	2572.5		37775	12	7	22.07
					12	13	22.03
					25	0	22.11
					1	0	22.07
					1	12	22.11
					1	24	21.42
2595		38000		12	0	20.82	
				12	7	20.76	
				12	13	20.92	
				25	0	20.87	
				1	0	22.08	
				1	12	22.24	
2617.5		38225		1	24	22.13	
				12	0	20.95	
				12	7	20.95	
				12	13	20.95	
				25	0	20.93	
				1	0	22.32	
2572.5		37775		1	12	22.13	
				1	24	22.34	
				12	0	21.19	
				12	7	21.18	
				12	13	21.20	
				25	0	21.06	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	2572.5	37775	5	1	0	21.28
				1	12	21.09
				1	24	21.25
				12	0	19.95
				12	7	19.97
				12	13	19.90
				25	0	19.88
	2595	38000		1	0	21.11
				1	12	20.93
				1	24	21.04
				12	0	19.91
				12	7	19.84
				12	13	19.88
				25	0	19.83
	2617.5	38225		1	0	21.37
				1	12	21.21
				1	24	21.21
				12	0	20.20
				12	7	20.20
				12	13	20.20
				25	0	20.15

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	
QPSK	2575	37800	10	1	0	22.58	
				1	25	22.62	
				1	49	22.56	
				25	0	21.75	
				25	12	21.64	
				25	25	21.62	
				50	0	21.68	
	2595	38000		1	0	22.61	
				1	25	22.69	
				1	49	22.66	
				25	0	21.76	
				25	12	21.85	
				25	25	21.71	
				50	0	21.74	
	2615	38200		1	0	22.82	
				1	25	22.80	
				1	49	22.87	
				25	0	21.93	
				25	12	21.96	
				25	25	21.95	
				50	0	21.95	
	16QAM	2575		37800	1	0	22.06
					1	25	22.08
					1	49	22.23
25					0	20.78	
25					12	20.75	
25					25	20.67	
50					0	20.73	
2595		38000		1	0	22.23	
				1	25	22.23	
				1	49	21.97	
				25	0	20.76	
				25	12	20.71	
				25	25	20.68	
				50	0	20.76	
2615		38200		1	0	22.25	
				1	25	22.42	
				1	49	22.08	
				25	0	20.92	
				25	12	21.04	
				25	25	21.02	
				50	0	20.97	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	2575	37800	10	1	0	21.04
				1	25	20.97
				1	49	21.17
				25	0	19.67
				25	12	19.68
				25	25	19.56
				50	0	19.64
	2595	38000		1	0	20.38
				1	25	20.47
				1	49	20.47
				25	0	19.68
				25	12	19.71
				25	25	19.73
				50	0	19.73
	2615	38200		1	0	21.45
				1	25	21.15
				1	49	21.08
				25	0	19.82
				25	12	19.93
				25	25	19.91
				50	0	19.97

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	
QPSK	2577.5	37825	15	1	0	22.53	
				1	37	22.44	
				1	74	22.55	
				36	0	21.60	
				36	29	21.57	
				36	30	21.58	
				75	0	21.52	
	2595	38000		1	0	22.48	
				1	37	22.54	
				1	74	22.65	
				36	0	21.63	
				36	29	21.62	
				36	30	21.72	
				75	0	21.54	
	2612.5	38175		1	0	22.62	
				1	37	22.60	
				1	74	22.63	
				36	0	21.78	
				36	29	21.71	
				36	30	21.72	
				75	0	21.82	
	16QAM	2577.5		37825	1	0	21.77
					1	37	21.79
					1	74	21.81
36					0	20.60	
36					29	20.59	
36					30	20.58	
75					0	20.45	
2595		38000	1	0	21.83		
			1	37	21.83		
			1	74	21.94		
			36	0	20.70		
			36	29	20.67		
			36	30	20.66		
			75	0	20.67		
2612.5		38175	1	0	22.09		
			1	37	22.10		
			1	74	22.09		
			36	0	20.83		
			36	29	20.81		
			36	30	20.71		
75	0	20.82					

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	2577.5	37825	15	1	0	20.64
				1	37	20.69
				1	74	20.66
				36	0	19.64
				36	29	19.59
				36	30	19.59
				75	0	19.59
	2595	38000		1	0	20.67
				1	37	20.83
				1	74	20.95
				36	0	19.68
				36	29	19.71
				36	30	19.64
				75	0	19.64
	2612.5	38175		1	0	21.00
				1	37	21.04
				1	74	21.00
				36	0	19.80
				36	29	19.79
				36	30	19.69
				75	0	19.85

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	
QPSK	2580	37850	20	1	0	22.50	
				1	49	22.56	
				1	99	22.62	
				50	0	21.58	
				50	24	21.54	
				50	50	21.52	
				100	0	21.51	
	2595	38000		1	0	22.55	
				1	49	22.56	
				1	99	22.73	
				50	0	21.65	
				50	24	21.72	
				50	50	21.66	
				100	0	21.62	
	2610	38150		1	0	22.65	
				1	49	22.70	
				1	99	22.79	
				50	0	21.69	
				50	24	21.86	
				50	50	21.82	
				100	0	21.81	
	16QAM	2580		37850	1	0	21.85
					1	49	21.83
					1	99	21.99
50					0	20.55	
50					24	20.55	
50					50	20.49	
100					0	20.48	
2595		38000		1	0	21.92	
				1	49	21.95	
				1	99	22.04	
				50	0	20.65	
				50	24	20.75	
				50	50	20.72	
				100	0	20.61	
2610		38150		1	0	21.99	
				1	49	22.05	
				1	99	22.06	
				50	0	20.74	
				50	24	20.85	
				50	50	20.80	
				100	0	20.72	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	2580	37850	20	1	0	20.65
				1	49	20.57
				1	99	20.66
				50	0	19.54
				50	24	19.53
				50	50	19.54
				100	0	19.59
	2595	38000		1	0	20.72
				1	49	20.77
				1	99	20.84
				50	0	19.70
				50	24	19.76
				50	50	19.68
				100	0	19.63
	2610	38150		1	0	20.83
				1	49	20.88
				1	99	21.05
				50	0	19.70
				50	24	19.81
				50	50	19.70
				100	0	19.73

2 Occupied Bandwidth

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)					
						QPSK		16-QAM		64-QAM	
38	2572.5	37775	5	25	0	4.472	Fig.1	4.472	Fig.2	4.472	Fig.3
	2595	38000		25	0	4.493	Fig.4	4.472	Fig.5	4.472	Fig.6
	2617.5	38225		25	0	4.472	Fig.7	4.493	Fig.8	4.493	Fig.9
	2575	37800	10	50	0	8.944	Fig.10	8.944	Fig.11	8.944	Fig.12
	2595	38000		50	0	8.944	Fig.13	8.944	Fig.14	8.944	Fig.15
	2615	38200		50	0	8.944	Fig.16	8.944	Fig.17	8.944	Fig.18
	2577.5	37825	15	75	0	13.415	Fig.19	13.415	Fig.20	13.415	Fig.21
	2595	38000		75	0	13.415	Fig.22	13.480	Fig.23	13.415	Fig.24
	2612.5	38175		75	0	13.415	Fig.25	13.415	Fig.26	13.415	Fig.27
	2580	37850	20	100	0	17.887	Fig.28	17.887	Fig.29	17.887	Fig.30
	2595	38000		100	0	17.887	Fig.31	17.887	Fig.32	17.887	Fig.33
	2610	38150		100	0	17.887	Fig.34	17.887	Fig.35	17.887	Fig.36

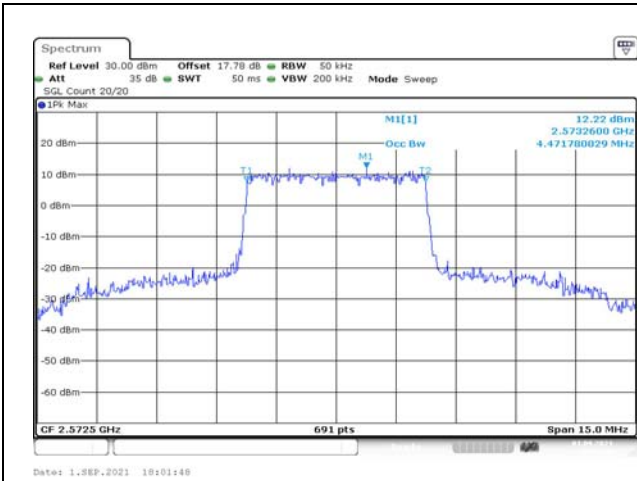


Fig.1

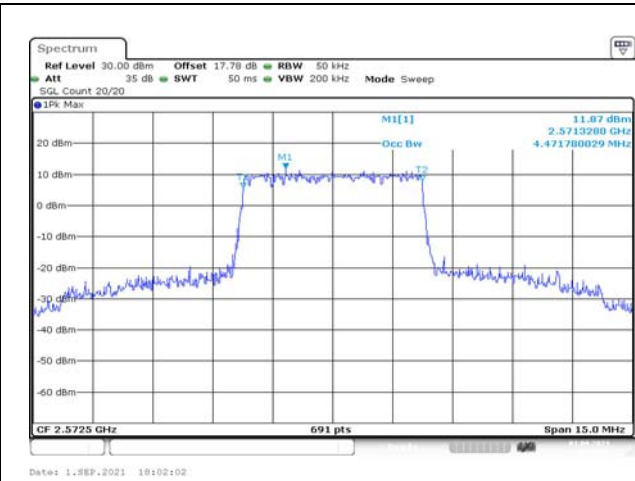


Fig.2

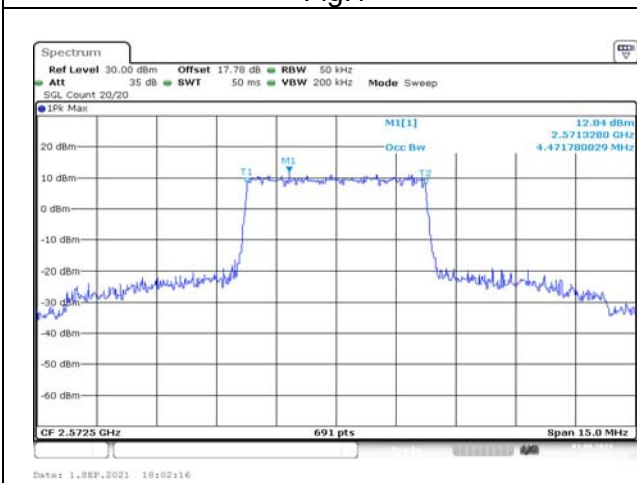


Fig.3

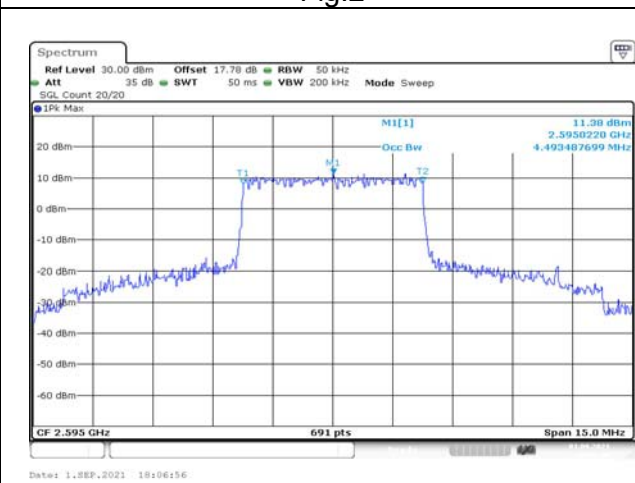


Fig.4

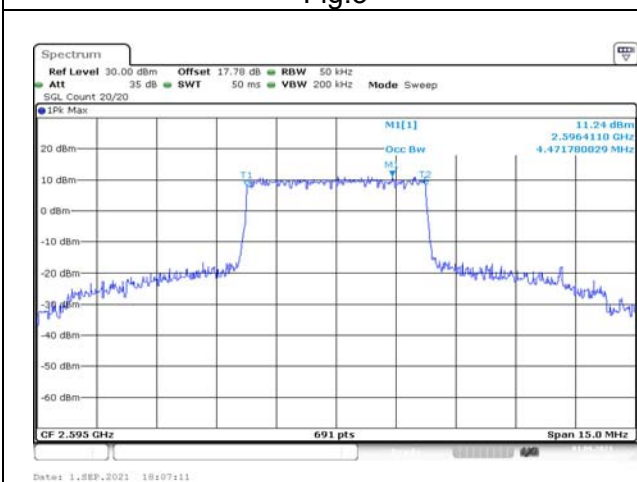


Fig.5

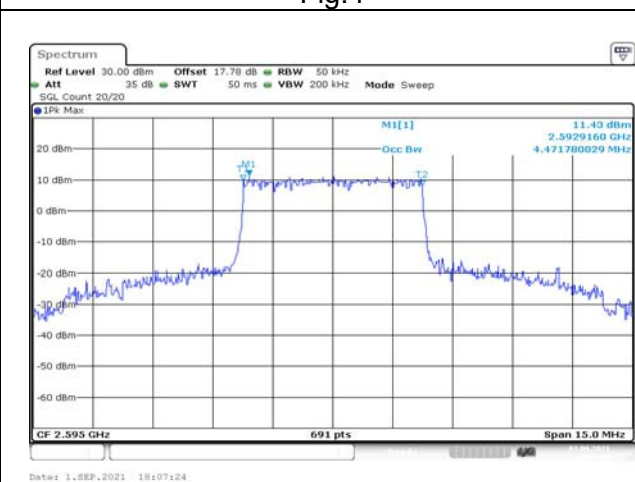
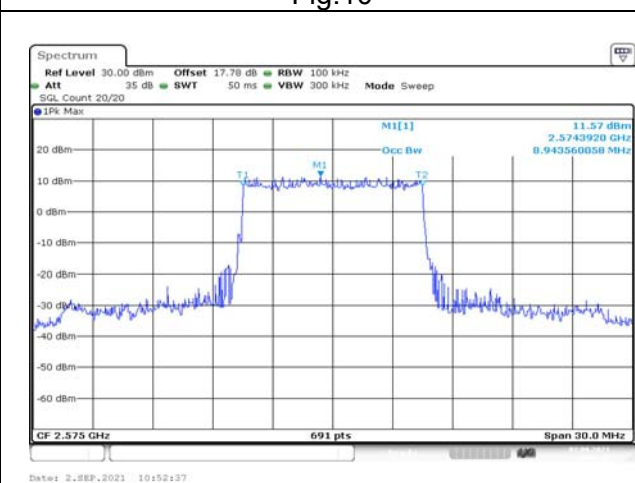
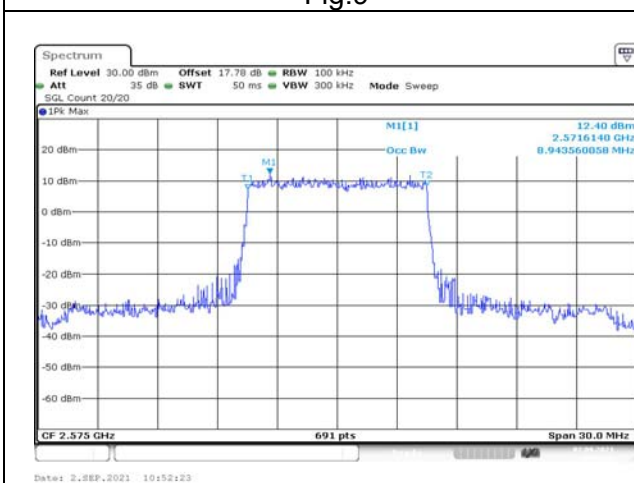
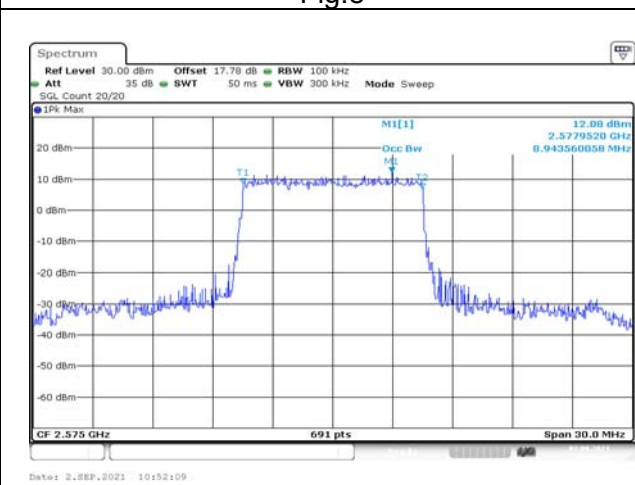
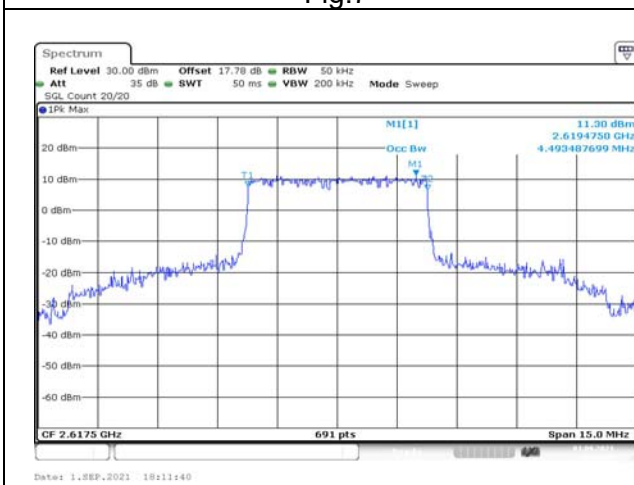
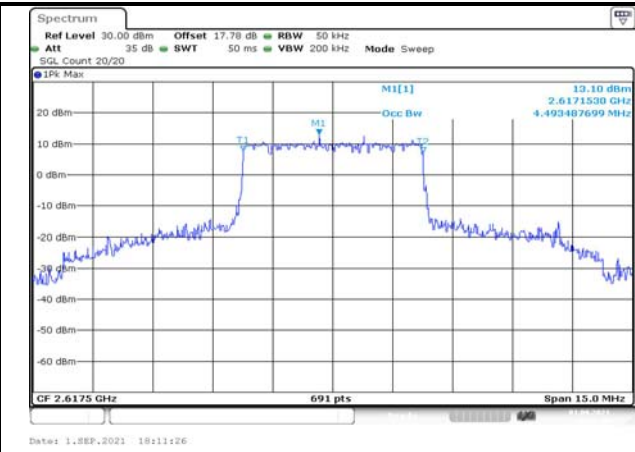
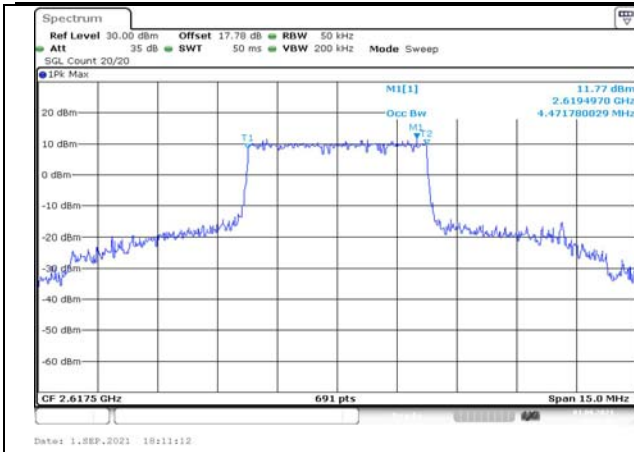
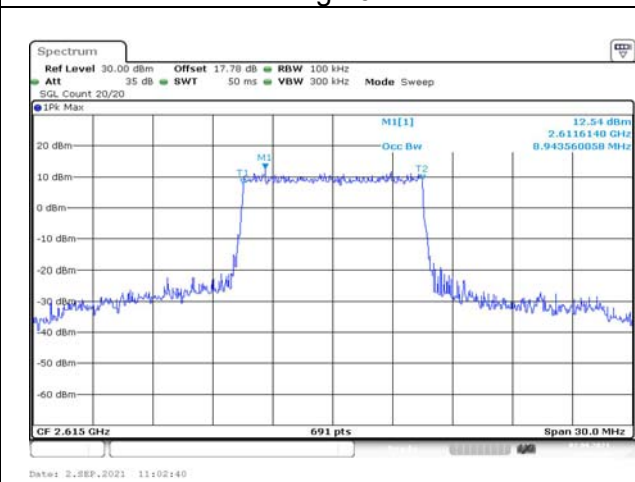
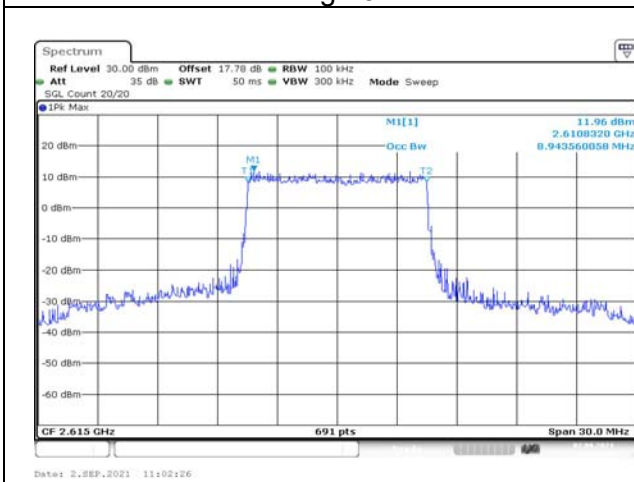
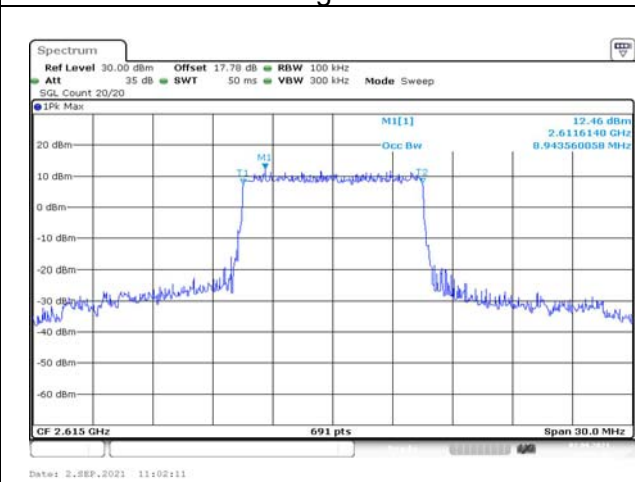
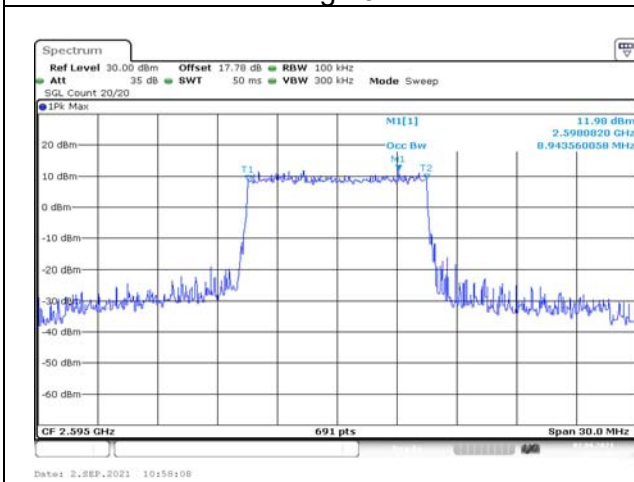
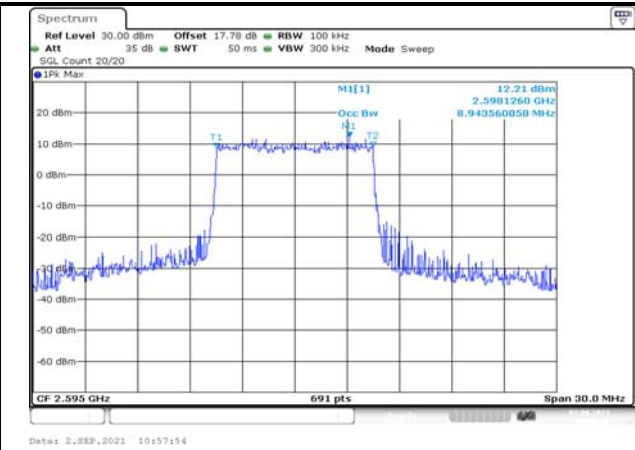
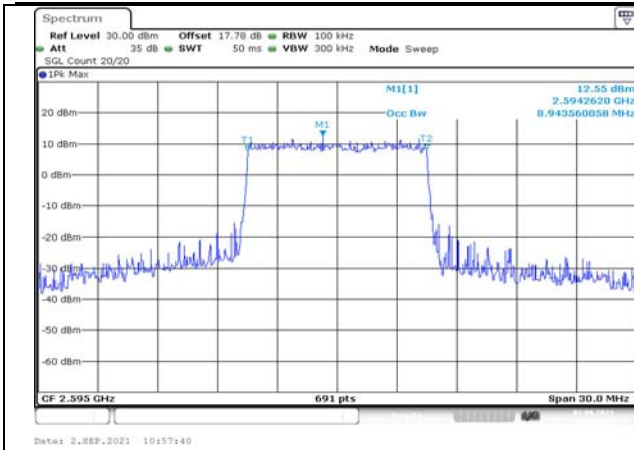
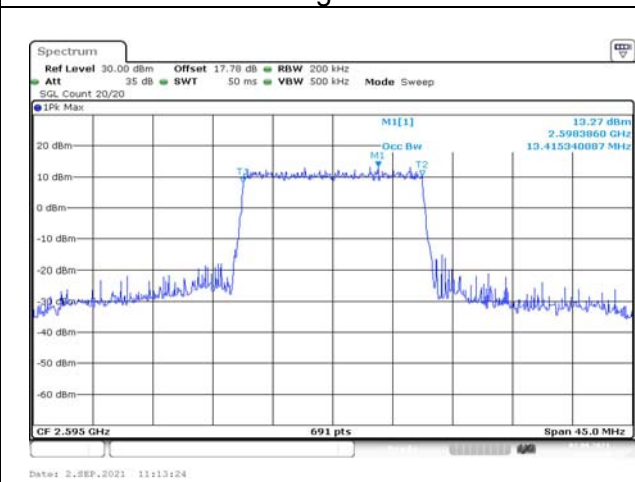
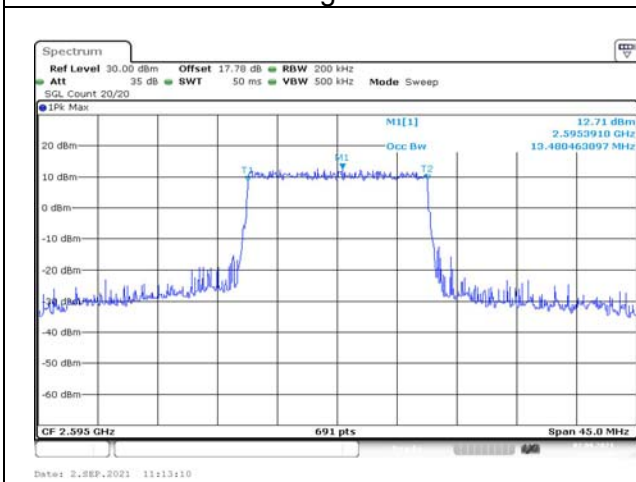
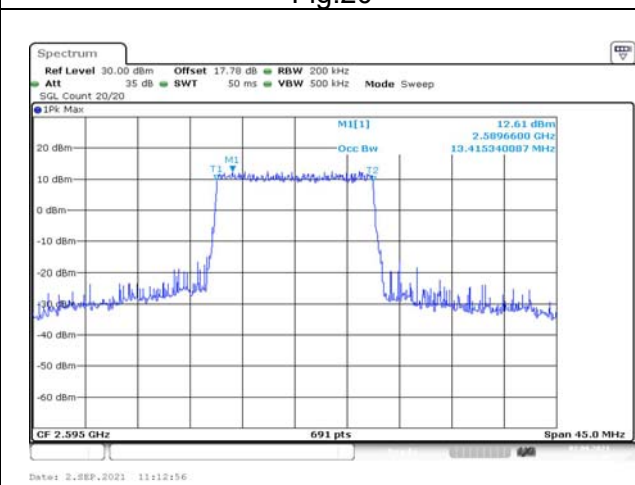
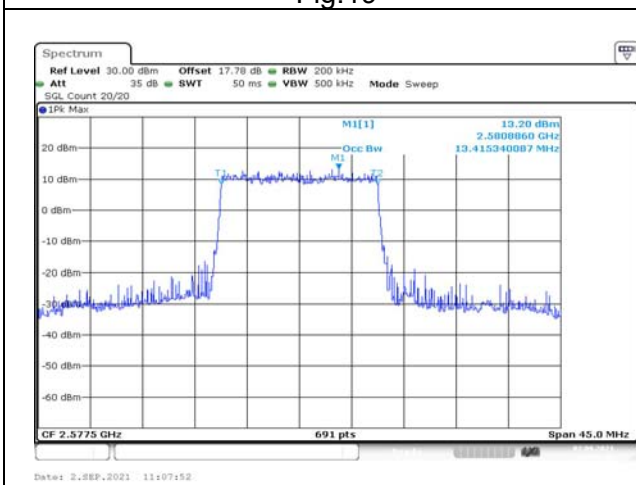
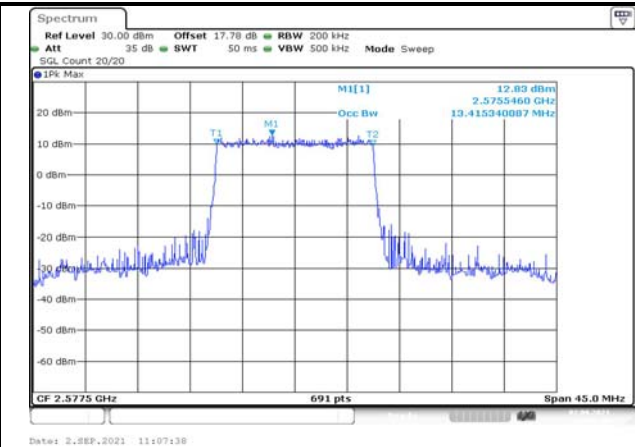
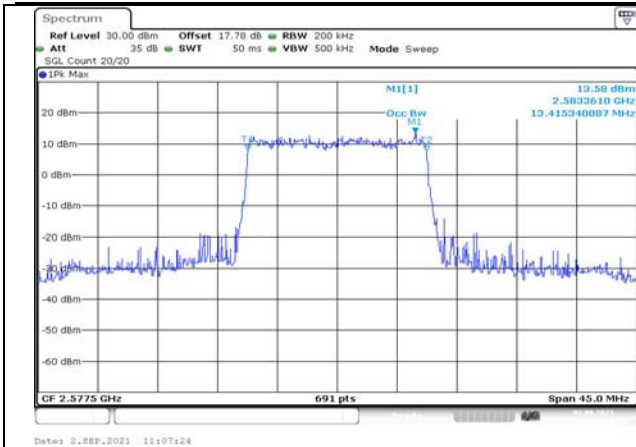
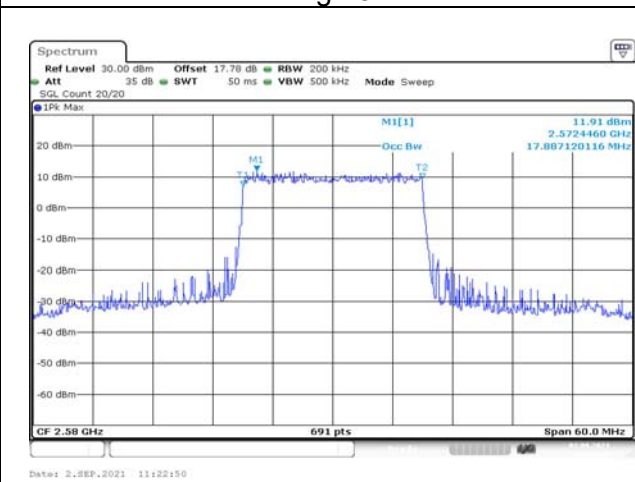
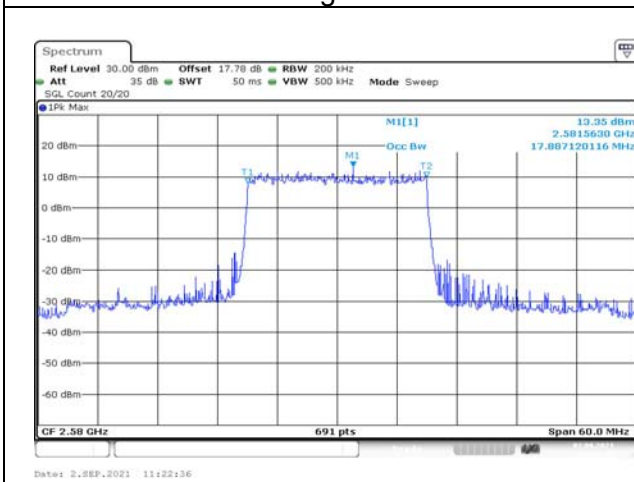
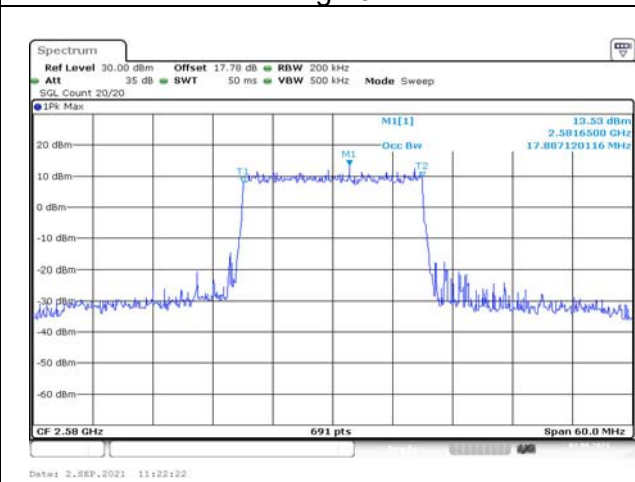
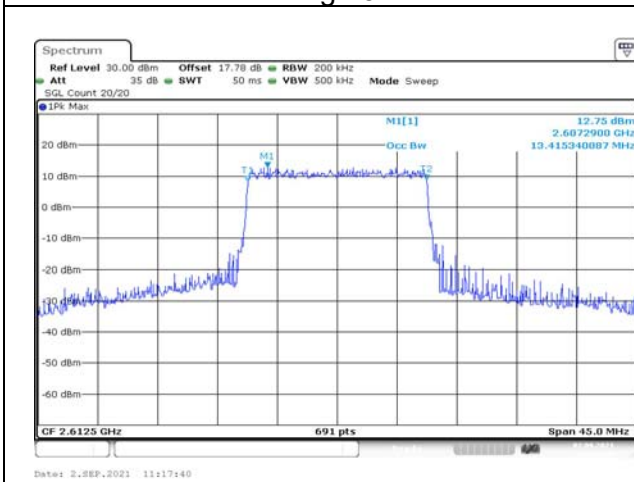
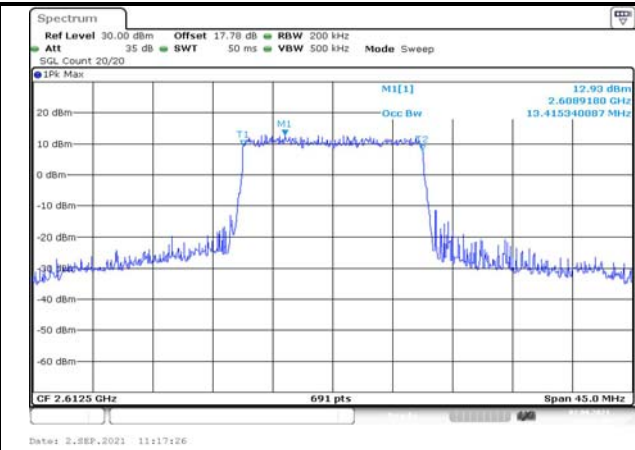
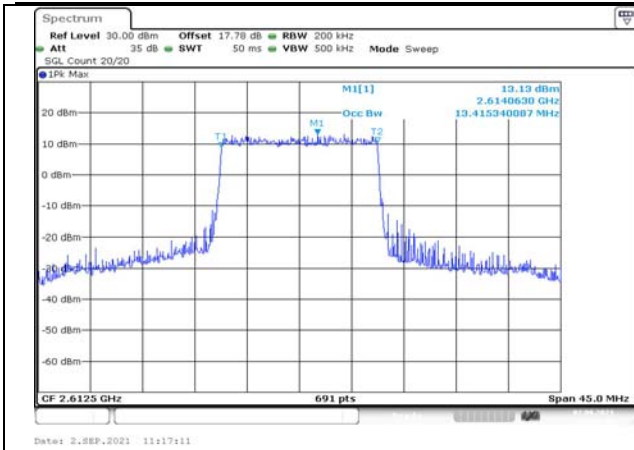


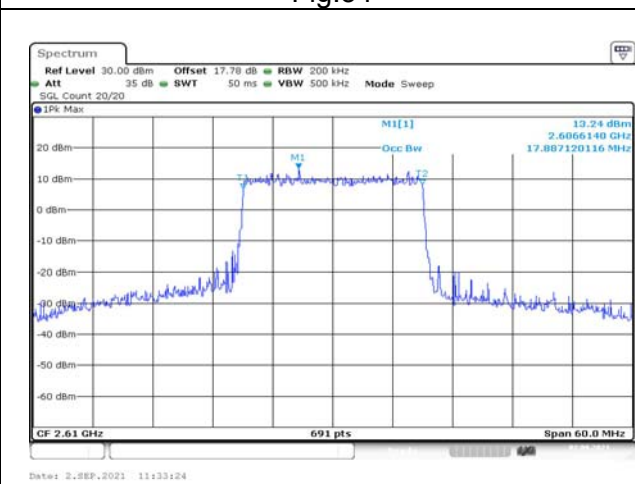
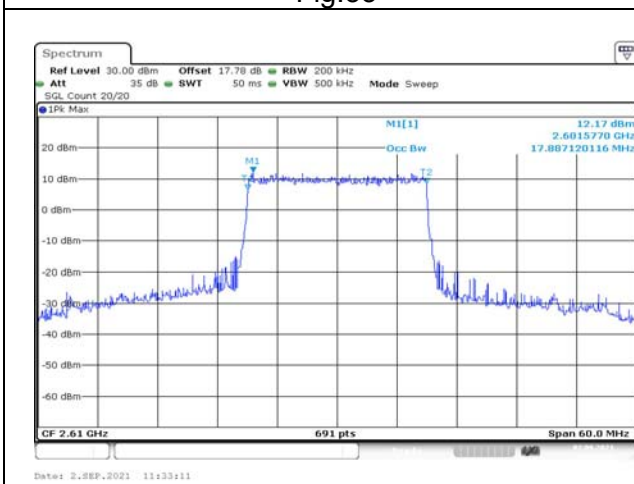
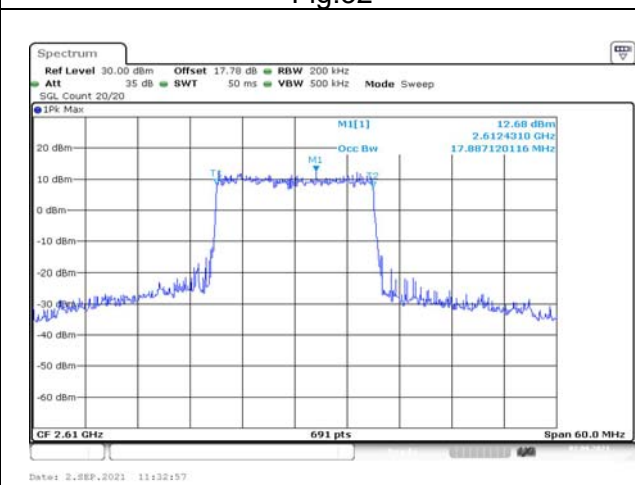
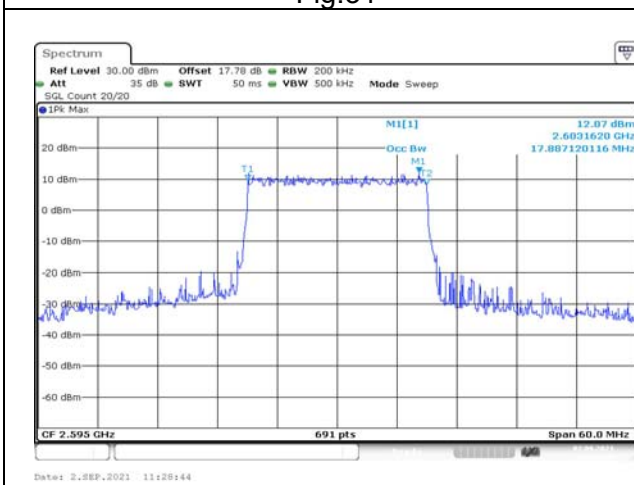
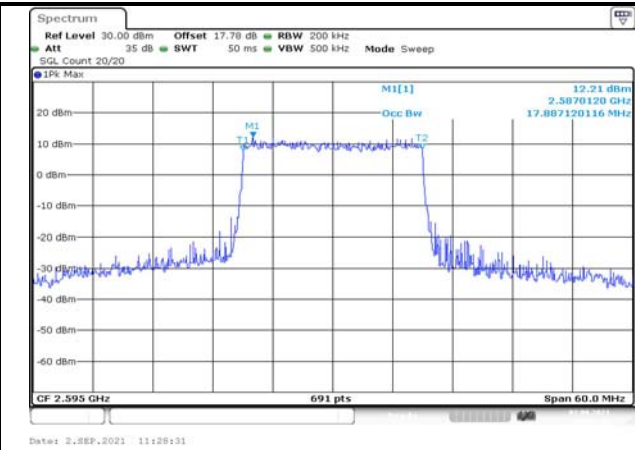
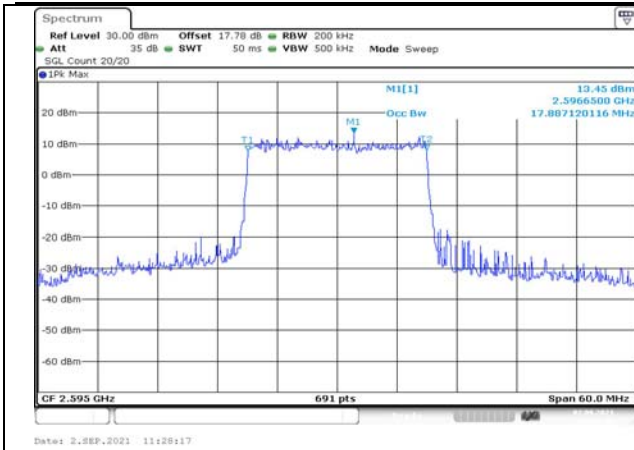
Fig.6











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	
38	2572.5	37775	5	25	0	4.819	Fig.1	4.841	Fig.2	4.863	Fig.3
	2595	38000		25	0	4.797	Fig.4	4.841	Fig.5	4.819	Fig.6
	2617.5	38225		25	0	4.906	Fig.7	4.776	Fig.8	4.884	Fig.9
	2575	37800	10	50	0	9.595	Fig.10	9.421	Fig.11	9.378	Fig.12
	2595	38000		50	0	9.551	Fig.13	9.465	Fig.14	9.595	Fig.15
	2615	38200		50	0	9.682	Fig.16	9.682	Fig.17	9.508	Fig.18
	2577.5	37825	15	75	0	14.457	Fig.19	14.392	Fig.20	14.392	Fig.21
	2595	38000		75	0	14.392	Fig.22	14.457	Fig.23	14.392	Fig.24
	2612.5	38175		75	0	14.392	Fig.25	14.392	Fig.26	14.392	Fig.27
	2580	37850	20	100	0	18.929	Fig.28	19.016	Fig.29	19.103	Fig.30
	2595	38000		100	0	19.103	Fig.31	18.929	Fig.32	19.016	Fig.33
	2610	38150		100	0	19.103	Fig.34	18.929	Fig.35	18.842	Fig.36

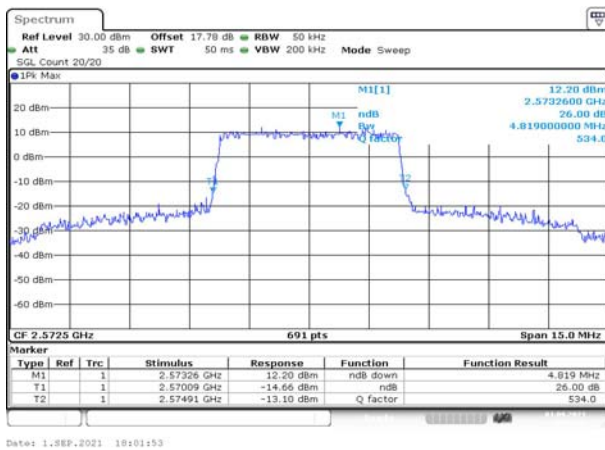


Fig.1

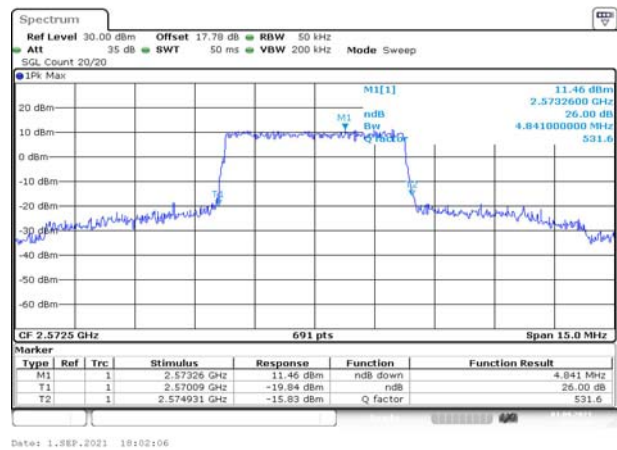


Fig.2

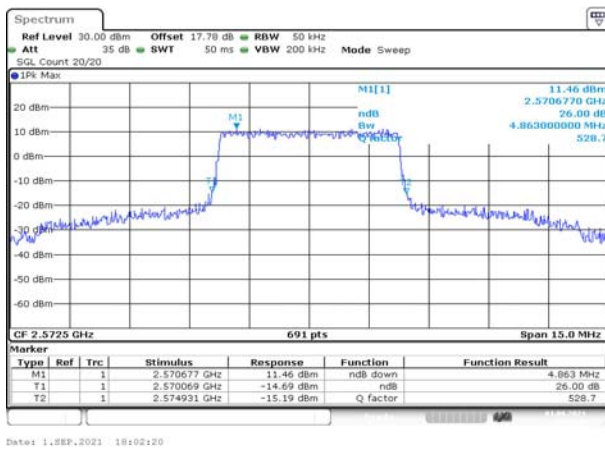


Fig.3

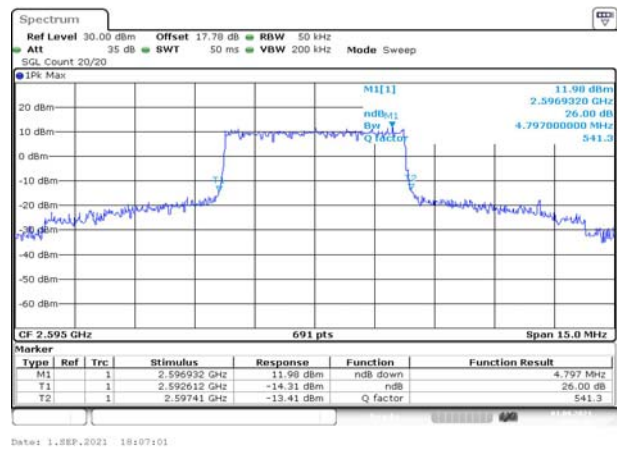


Fig.4

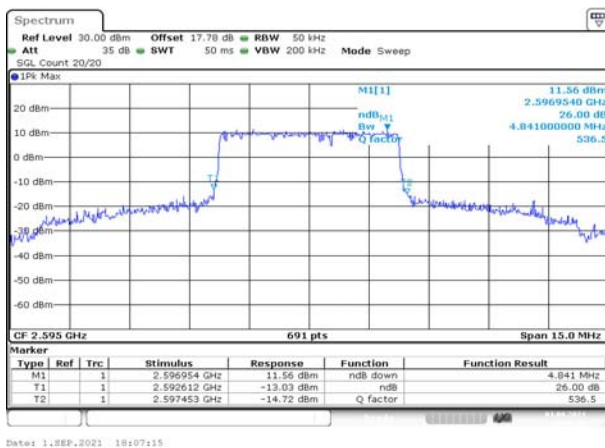


Fig.5

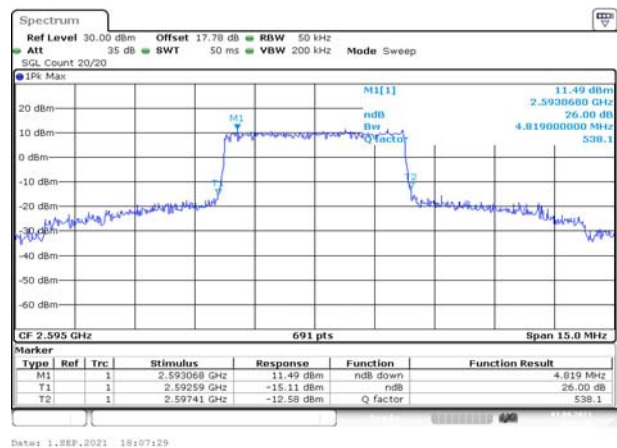


Fig.6

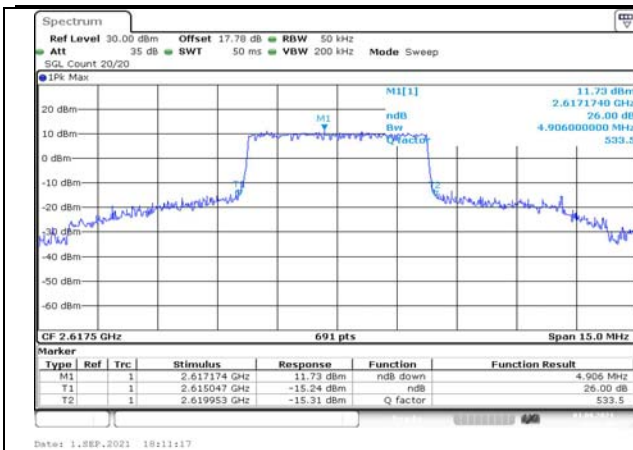


Fig.7

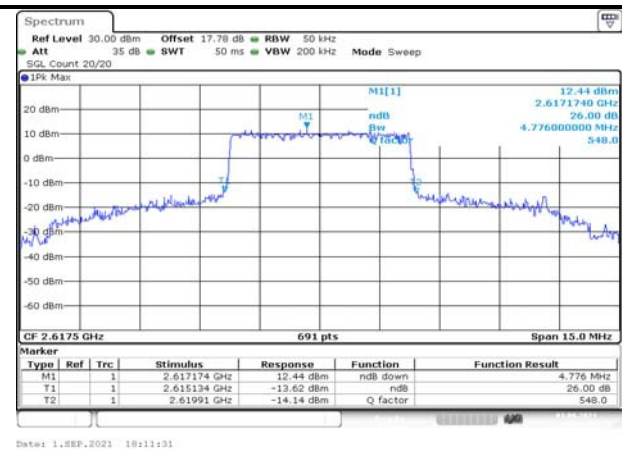


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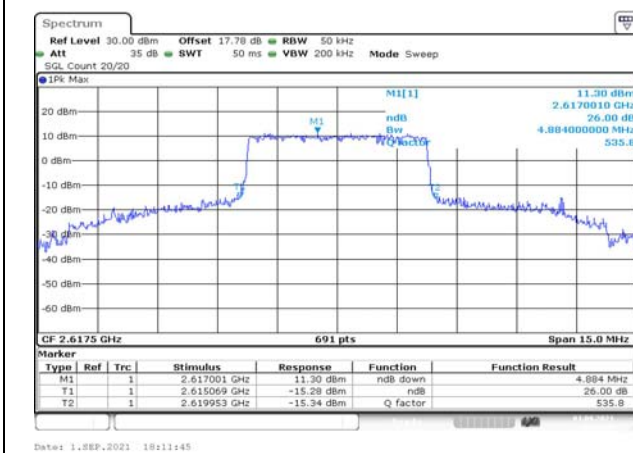


Fig.9

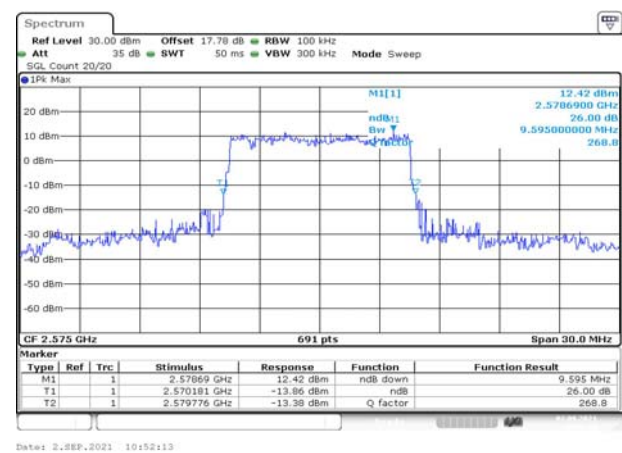


Fig.10

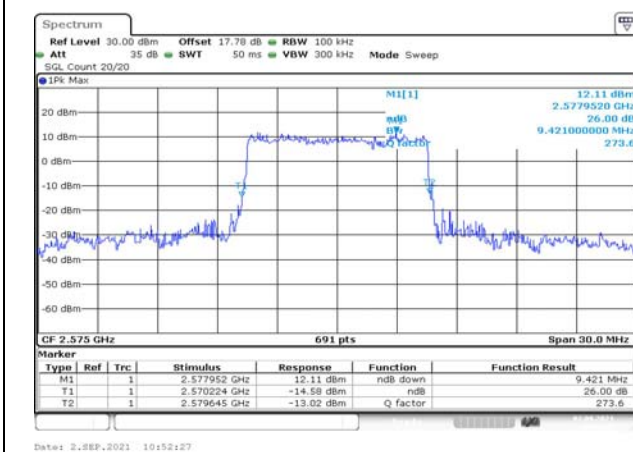


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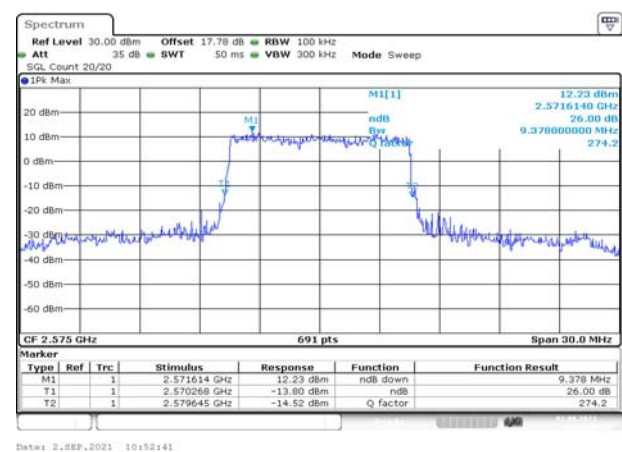


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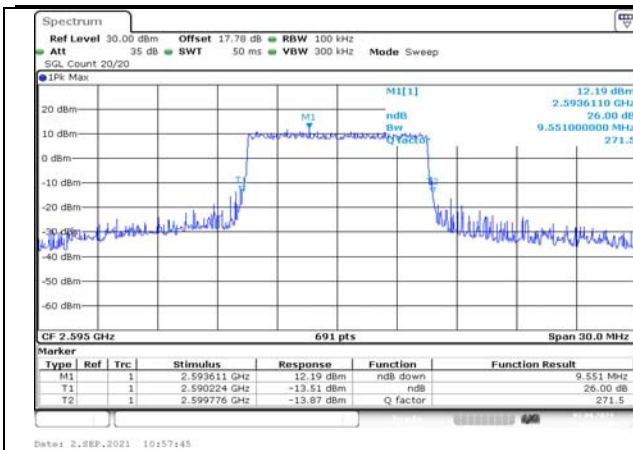


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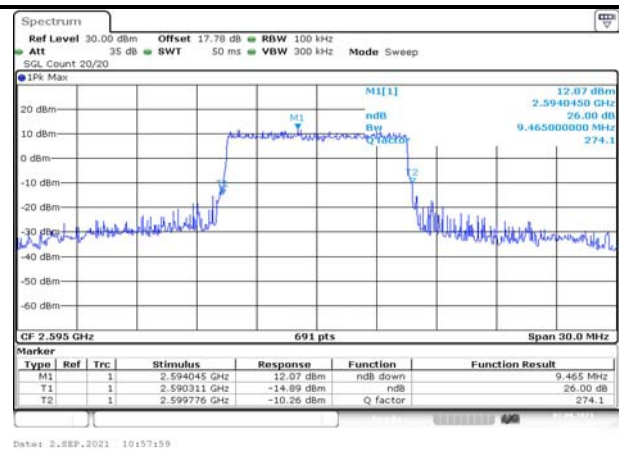


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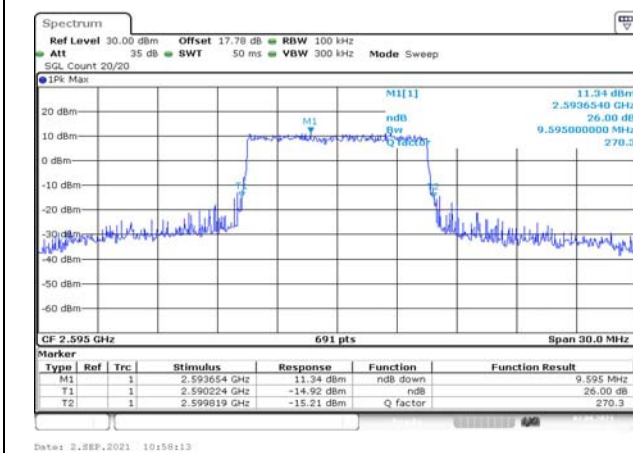


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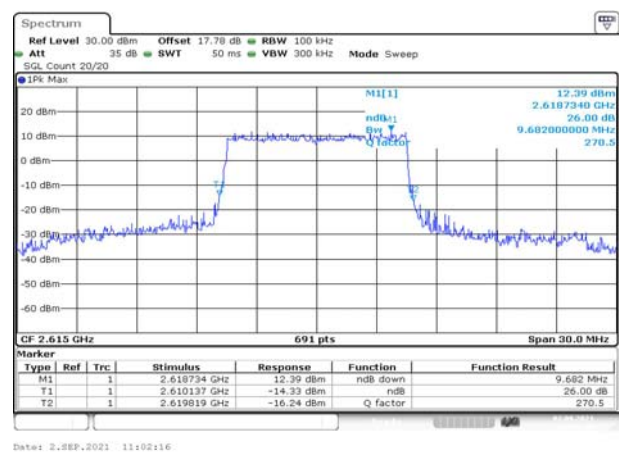


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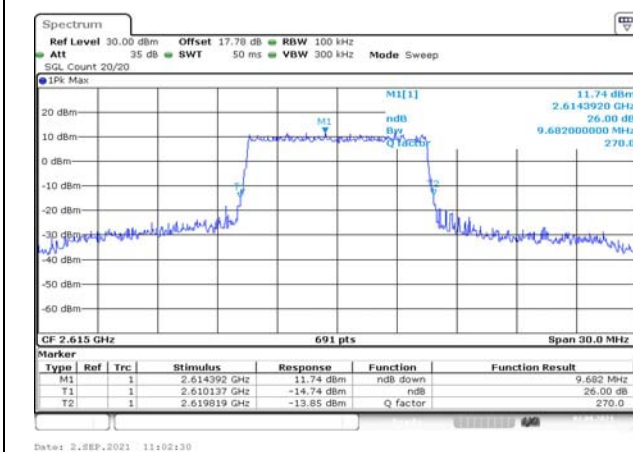


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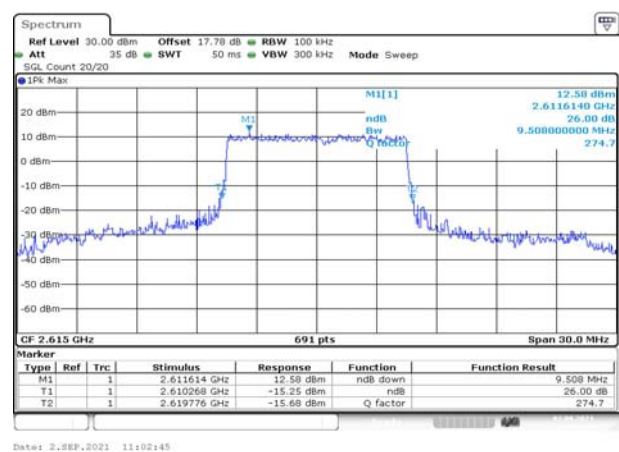


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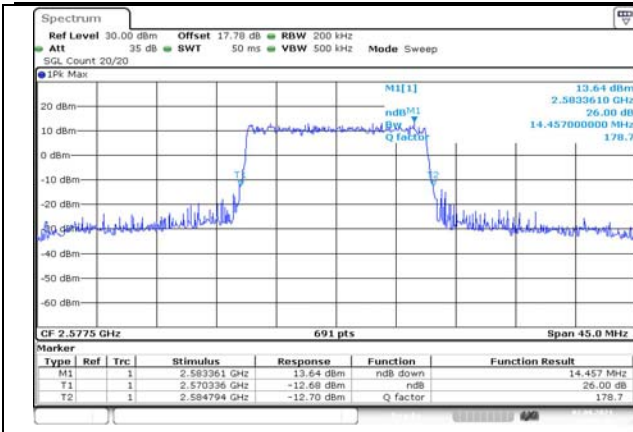


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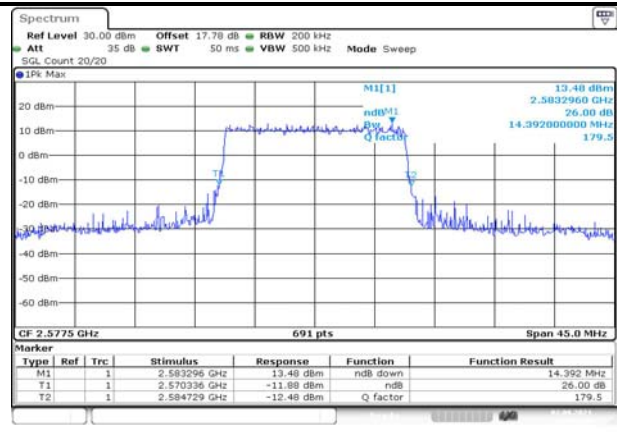


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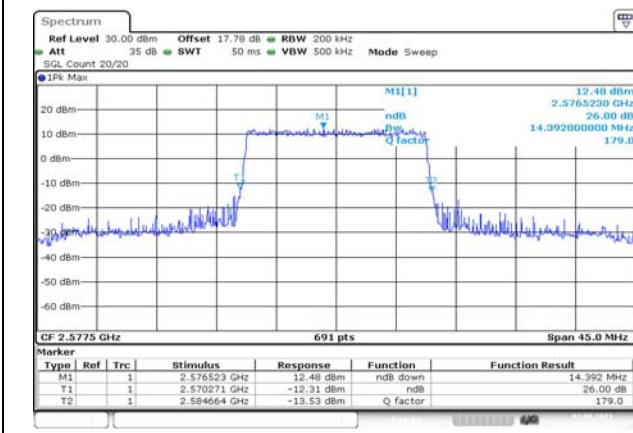


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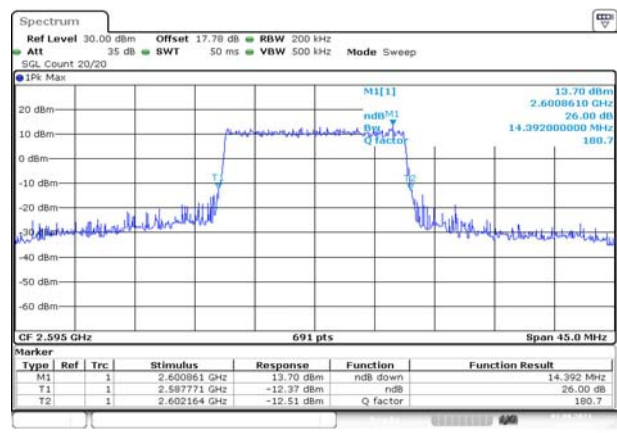


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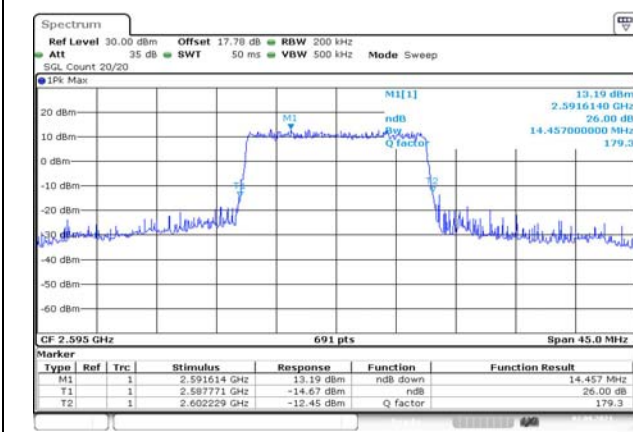


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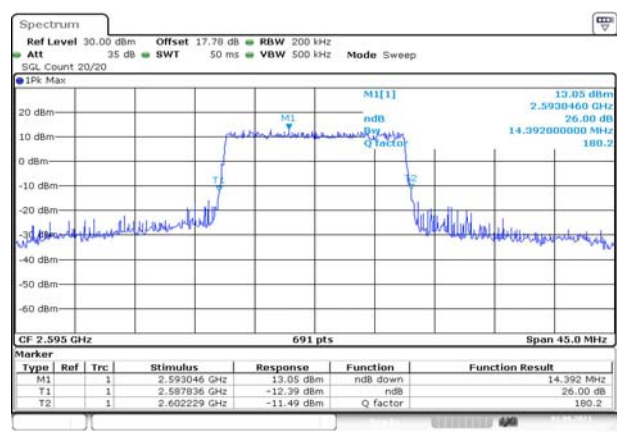


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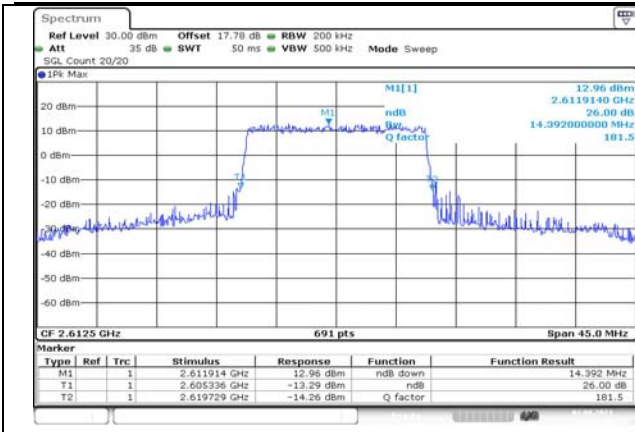


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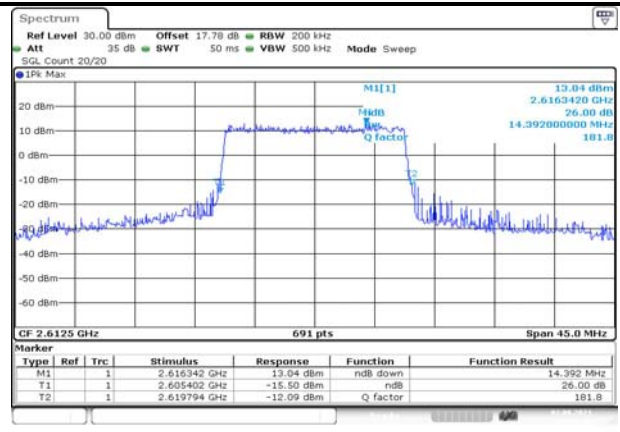


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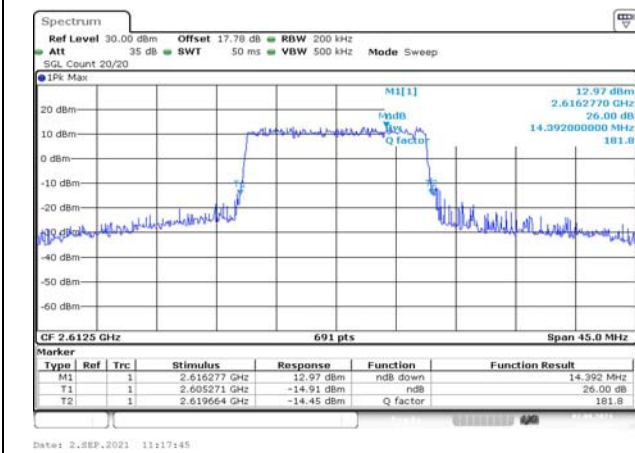


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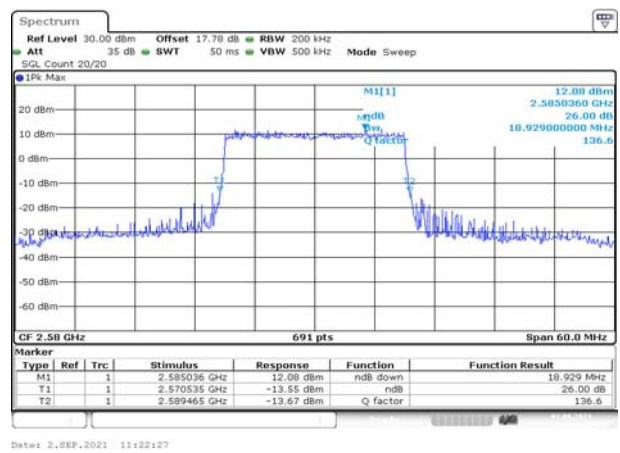


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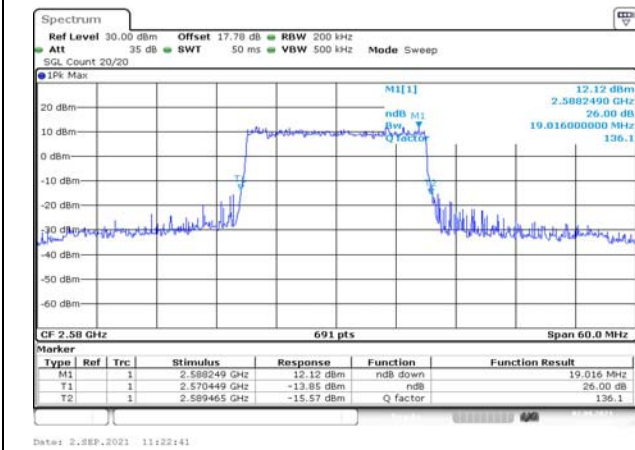


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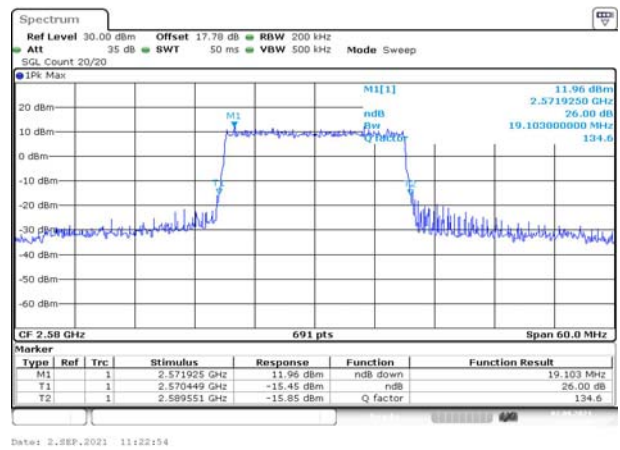


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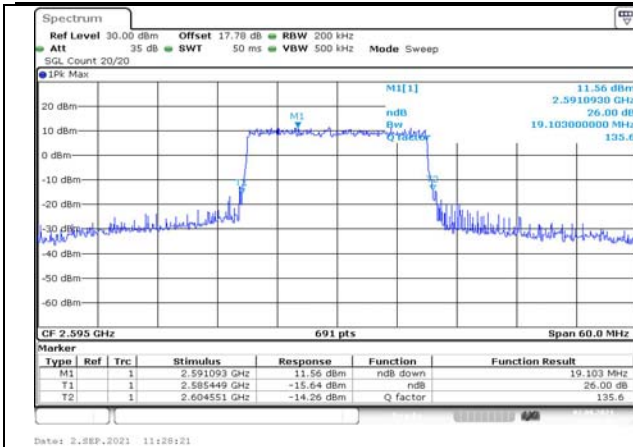


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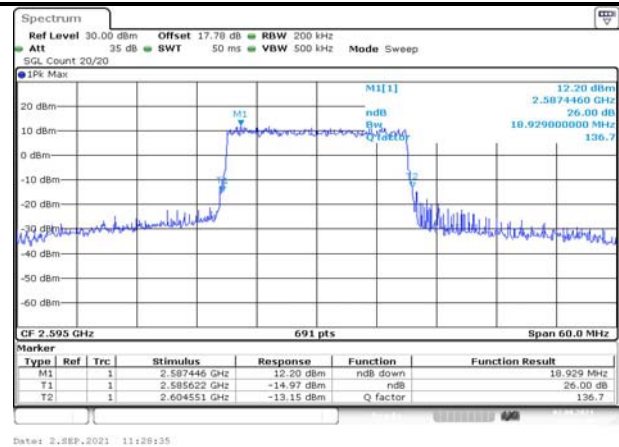


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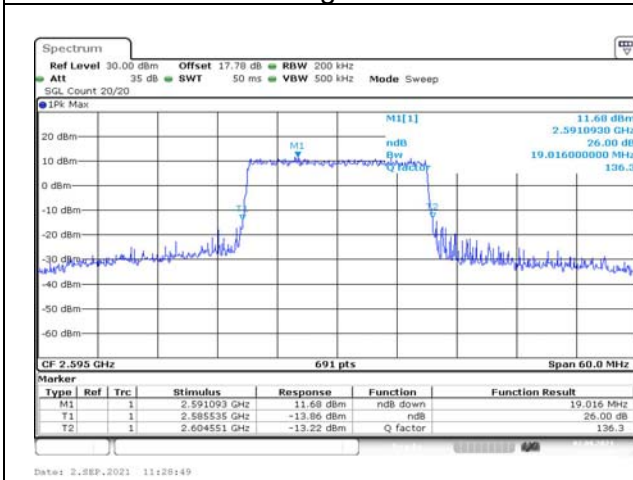


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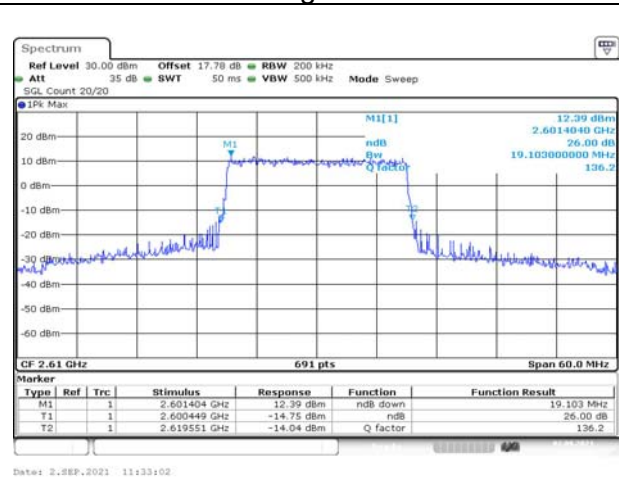


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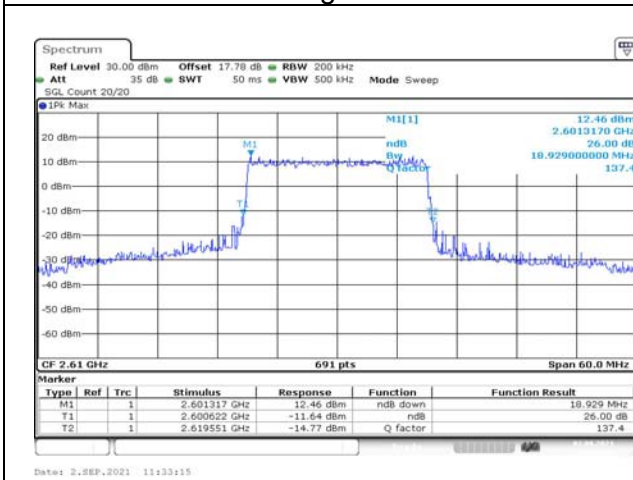


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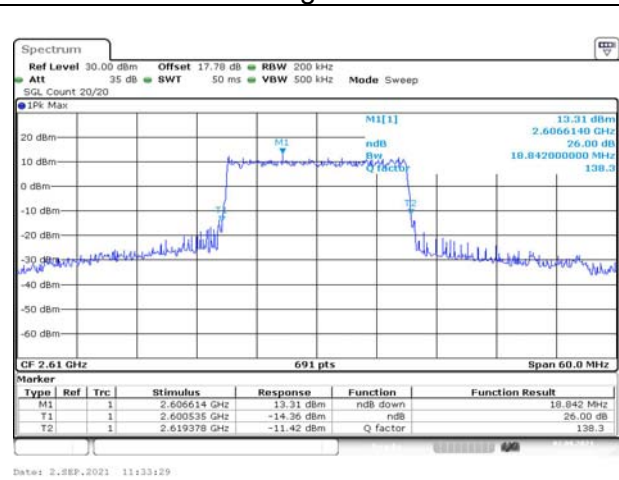


Fig.36

4 Peak-Average Ratio

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	QPSK	16-QAM	64-QAM
38	2572.5	37775	5	1	24	Fig.1	Fig.2	Fig.3
	2572.5	37775		25	0	Fig.4	Fig.5	Fig.6
	2595	38000		1	24	Fig.7	Fig.8	Fig.9
	2595	38000		25	0	Fig.10	Fig.11	Fig.12
	2617.5	38225		1	24	Fig.13	Fig.14	Fig.15
	2617.5	38225		25	0	Fig.16	Fig.17	Fig.18
	2575	37800	10	1	49	Fig.19	Fig.20	Fig.21
	2575	37800		50	0	Fig.22	Fig.23	Fig.24
	2595	38000		1	49	Fig.25	Fig.26	Fig.27
	2595	38000		50	0	Fig.28	Fig.29	Fig.30
	2615	38200		1	49	Fig.31	Fig.32	Fig.33
	2615	38200		50	0	Fig.34	Fig.35	Fig.36
	2577.5	37825	15	1	74	Fig.37	Fig.38	Fig.39
	2577.5	37825		75	0	Fig.40	Fig.41	Fig.42
	2595	38000		1	74	Fig.43	Fig.44	Fig.45
	2595	38000		75	0	Fig.46	Fig.47	Fig.48
	2612.5	38175		1	74	Fig.49	Fig.50	Fig.51
	2612.5	38175		75	0	Fig.52	Fig.53	Fig.54
	2580	37850	20	1	99	Fig.55	Fig.56	Fig.57
	2580	37850		100	0	Fig.58	Fig.59	Fig.60
	2595	38000		1	99	Fig.61	Fig.62	Fig.63
	2595	38000		100	0	Fig.64	Fig.65	Fig.66
	2610	38150		1	99	Fig.67	Fig.68	Fig.69
	2610	38150		100	0	Fig.70	Fig.71	Fig.72

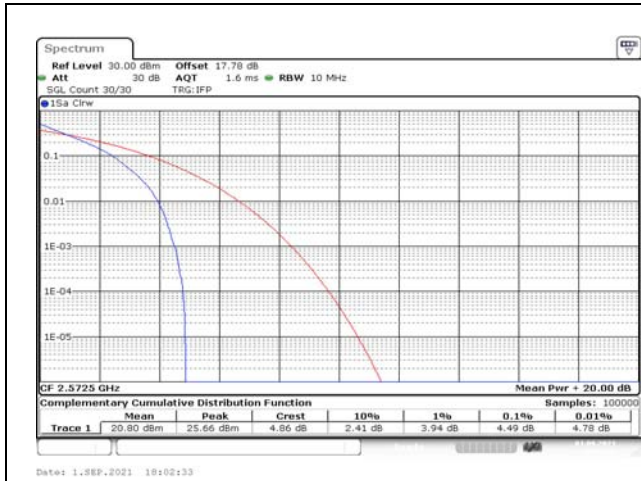


Fig.1

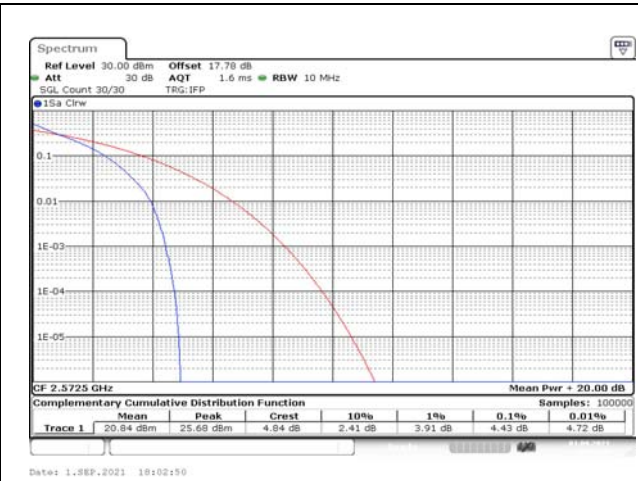


Fig.2

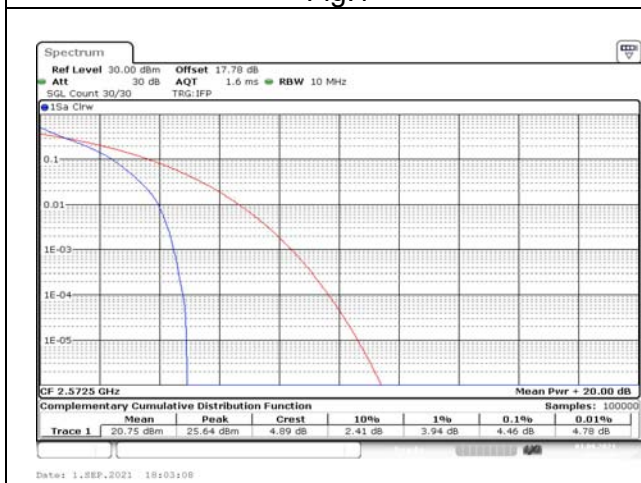


Fig.3

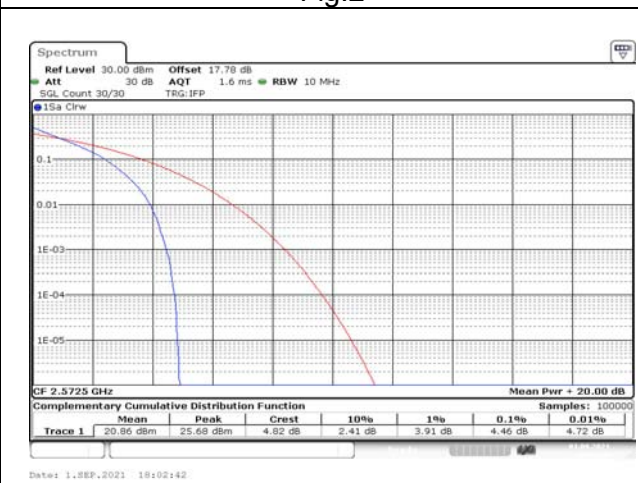


Fig.4

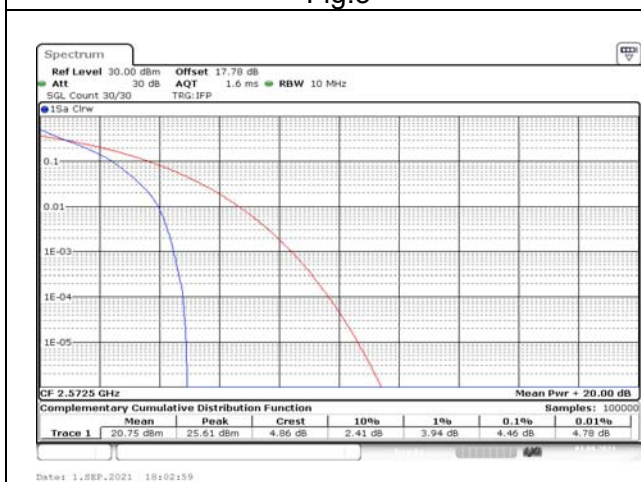


Fig.5

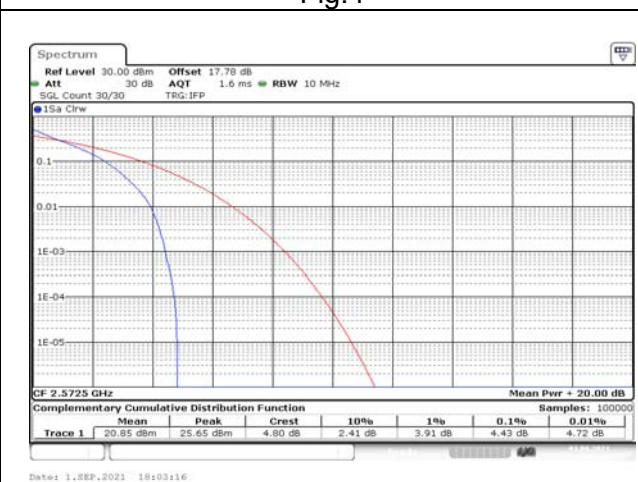


Fig.6

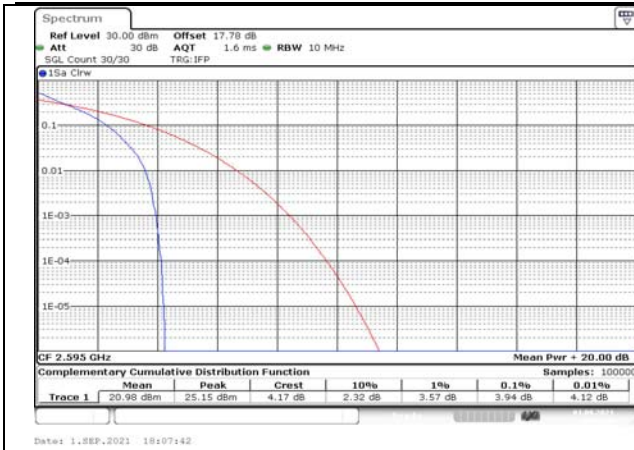


Fig.7

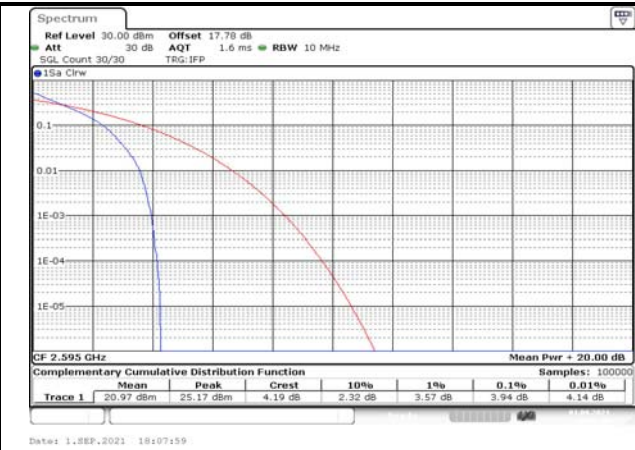


Fig.8

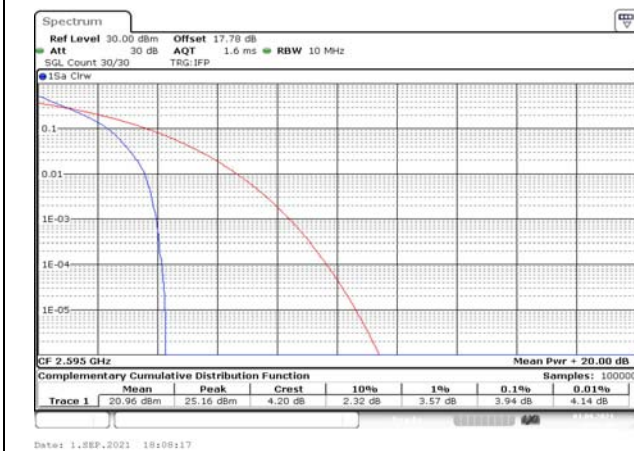


Fig.9

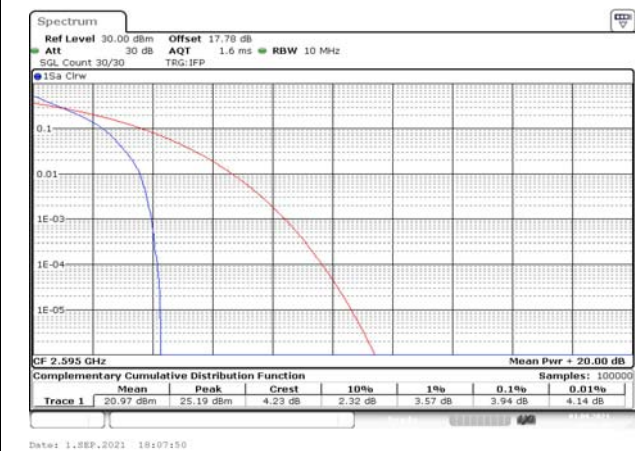


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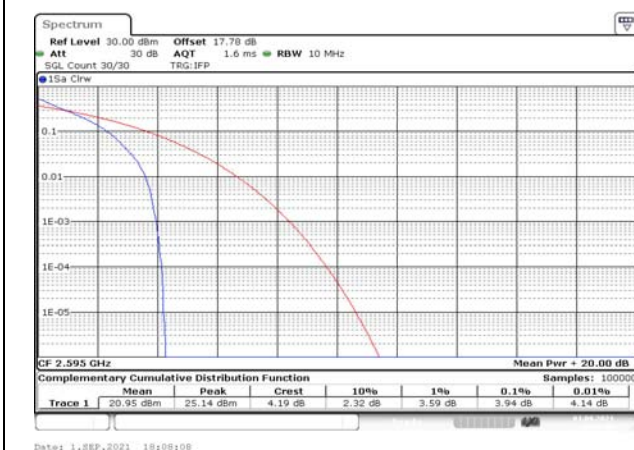


Fig.11

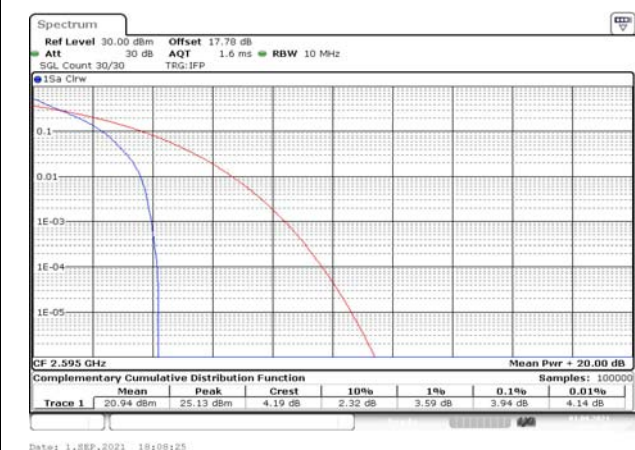


Fig.12

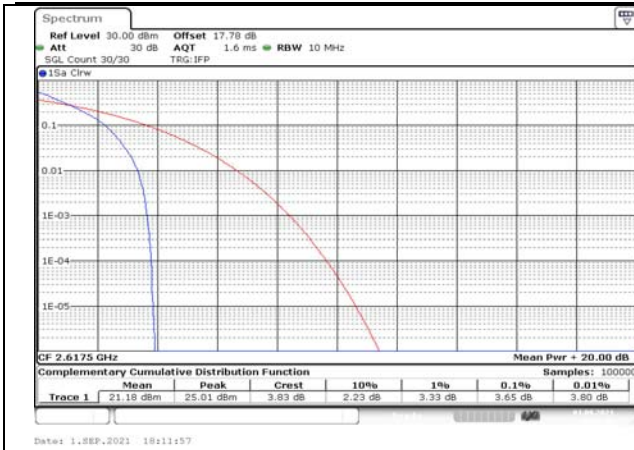


Fig.13

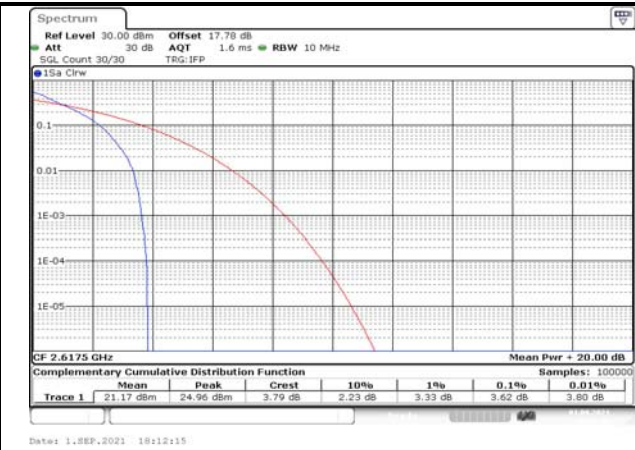


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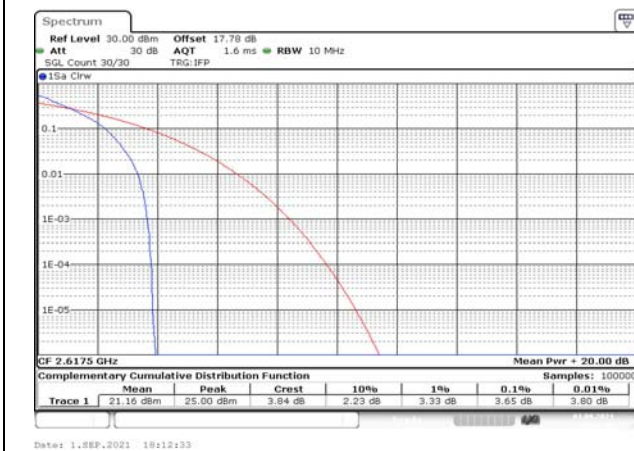


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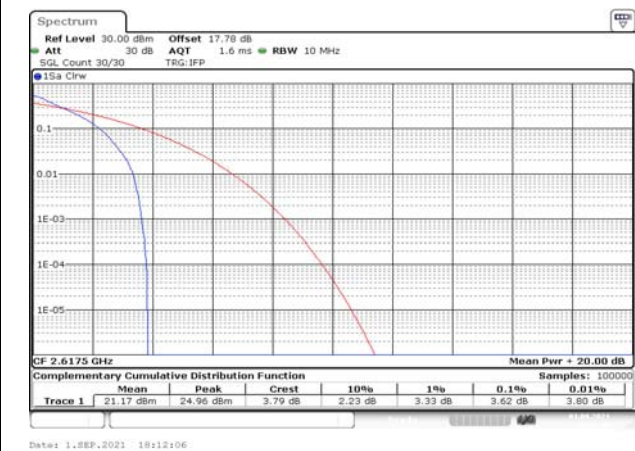


Fig.16

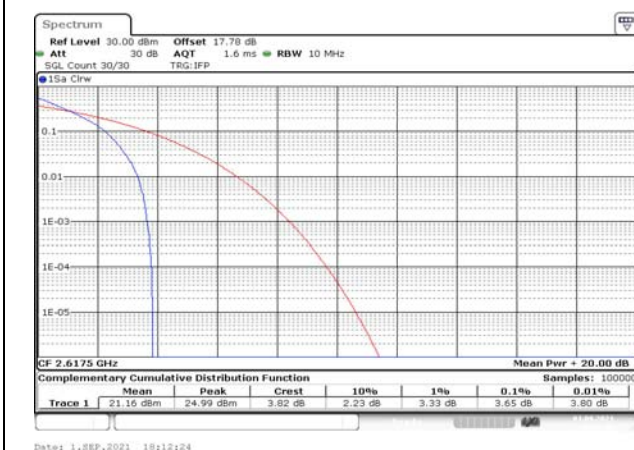


Fig.17

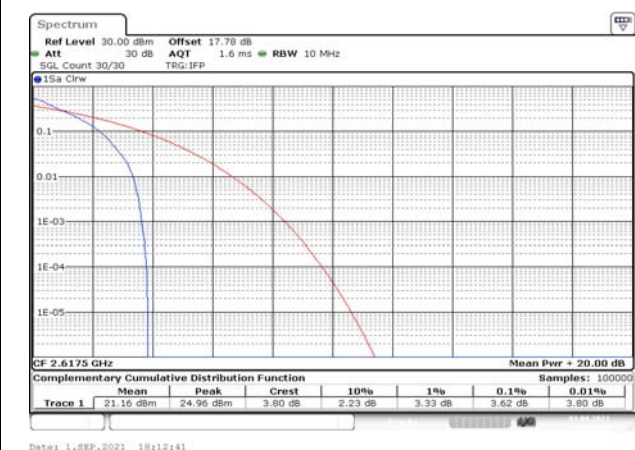


Fig.18



Fig.19

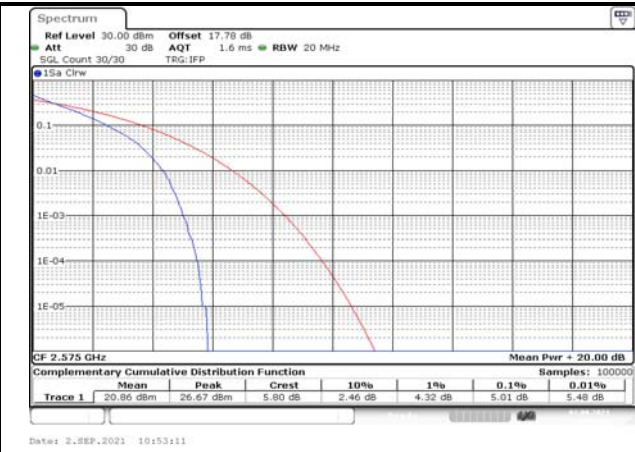


Fig.20

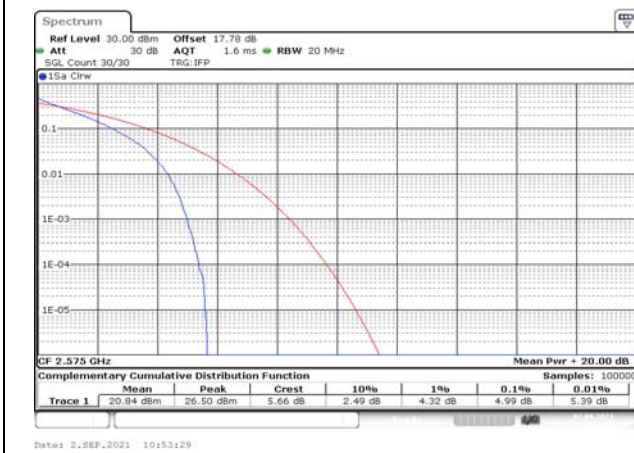


Fig.21

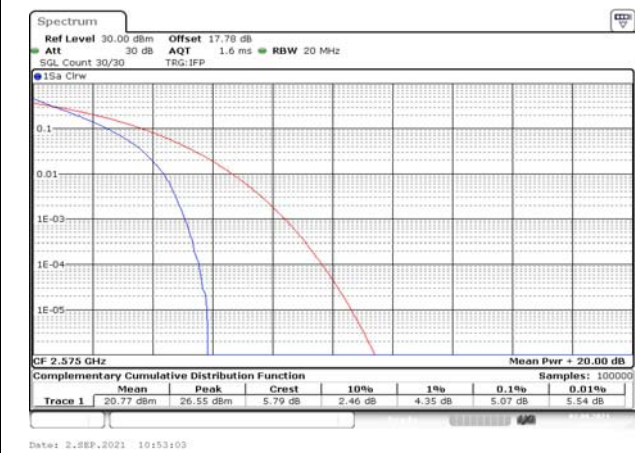


Fig.22

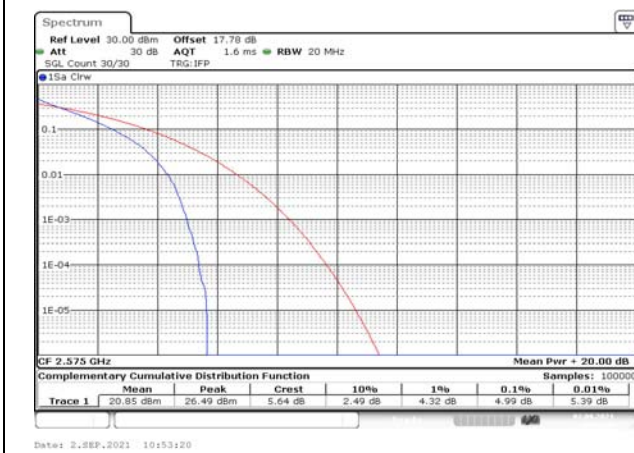


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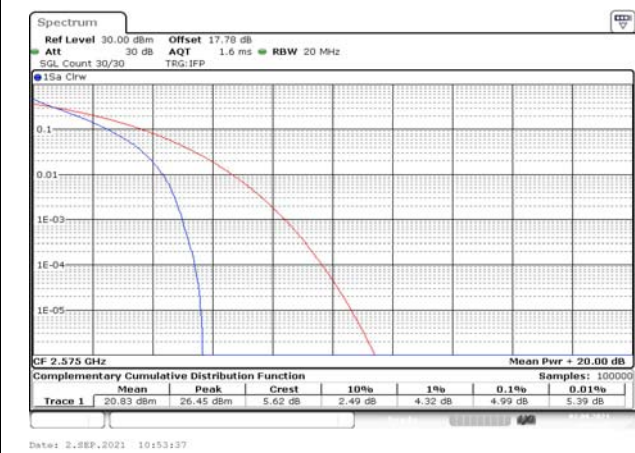


Fig.24

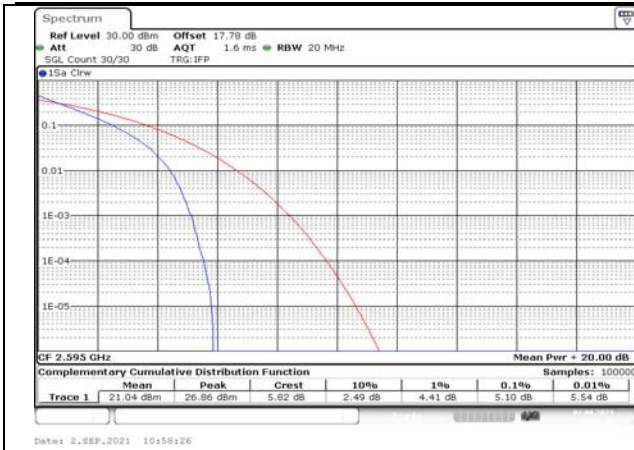


Fig.25

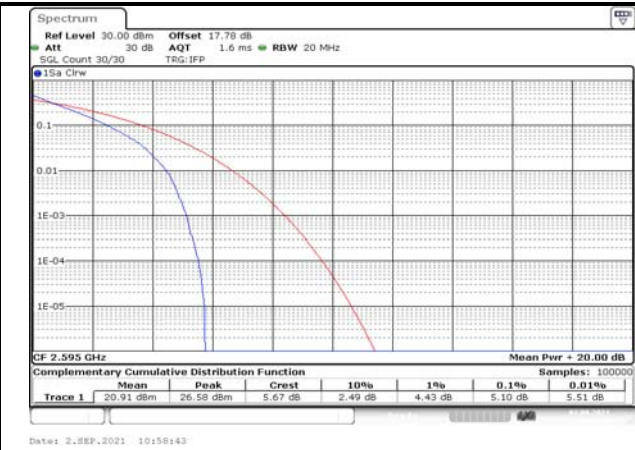


Fig.26

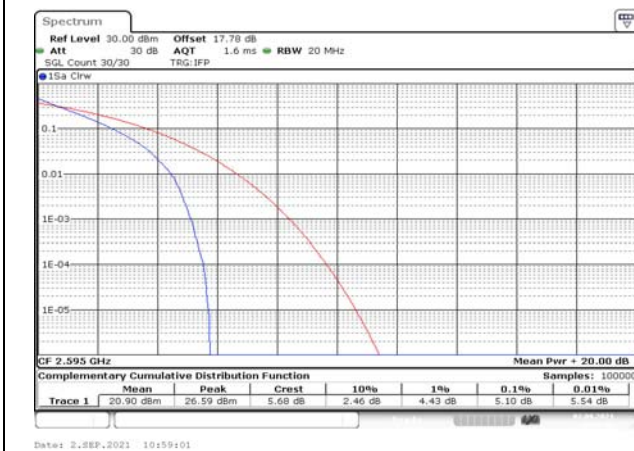


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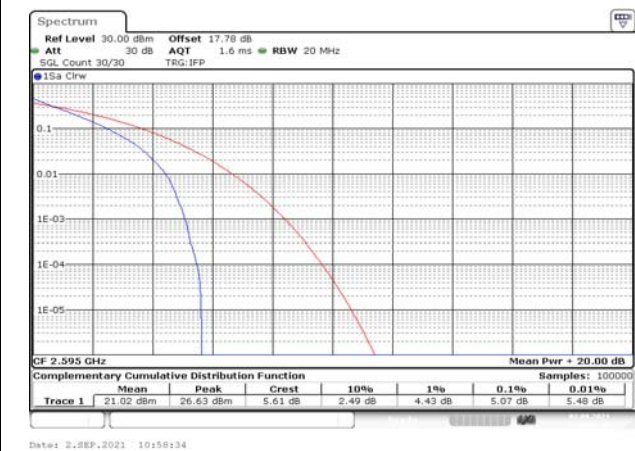


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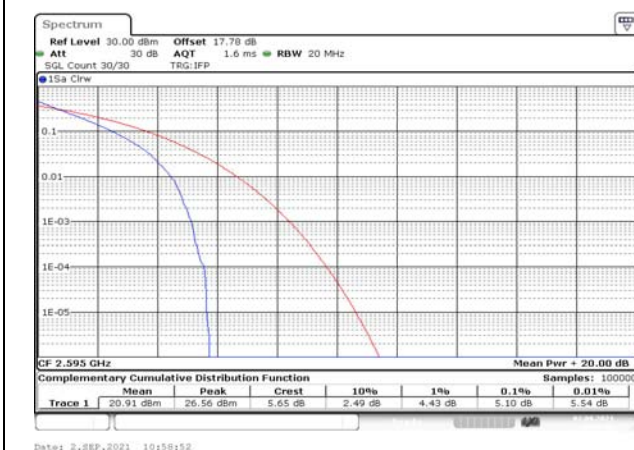


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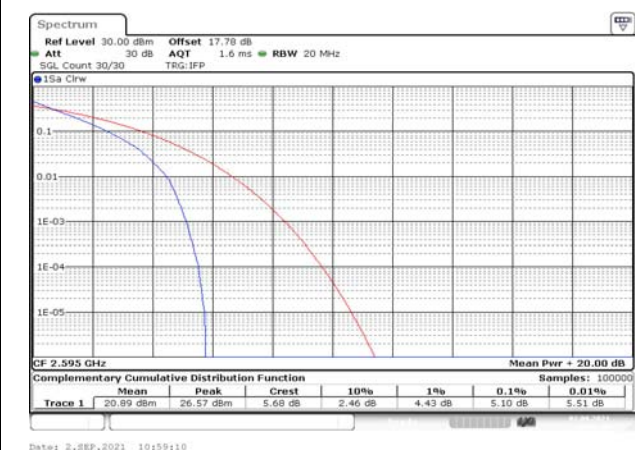


Fig.30

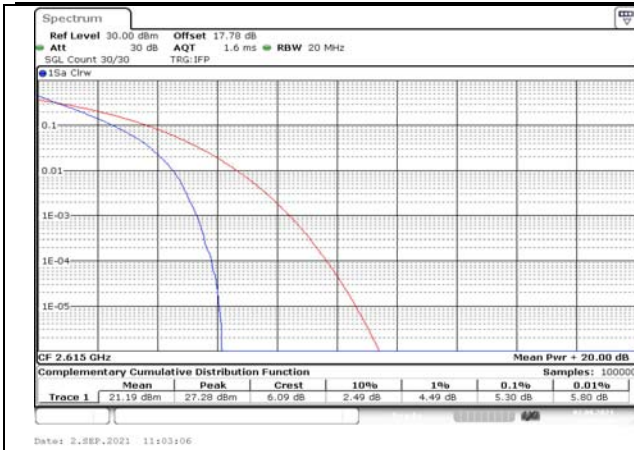


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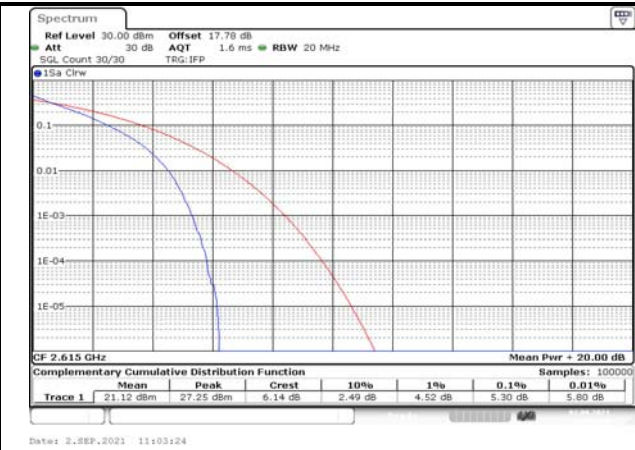


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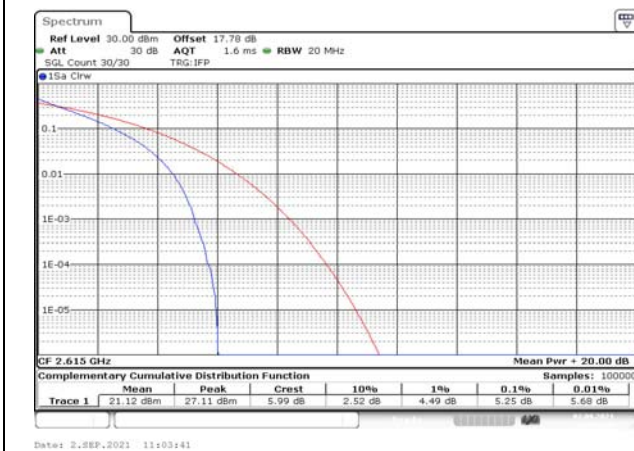


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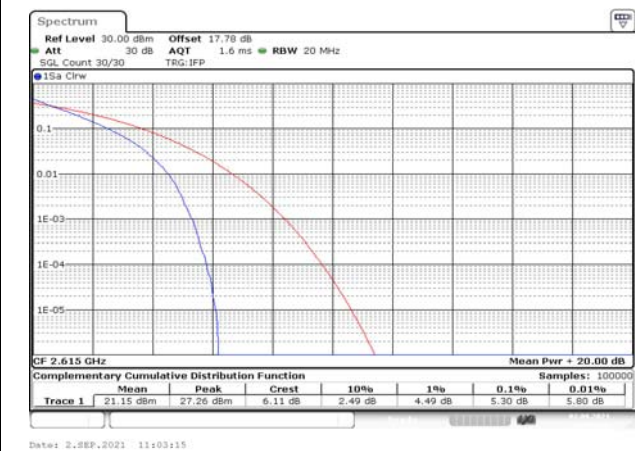


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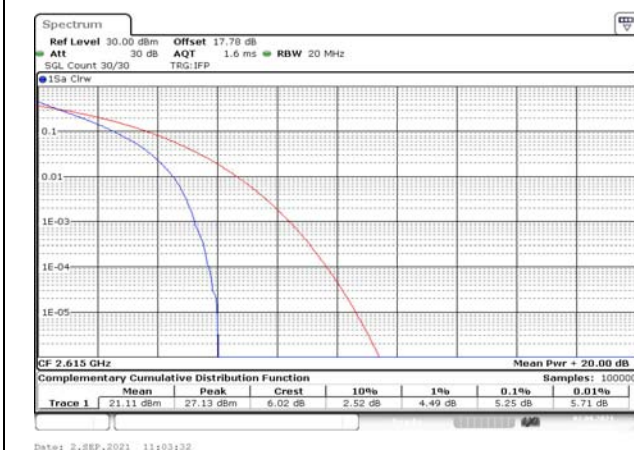


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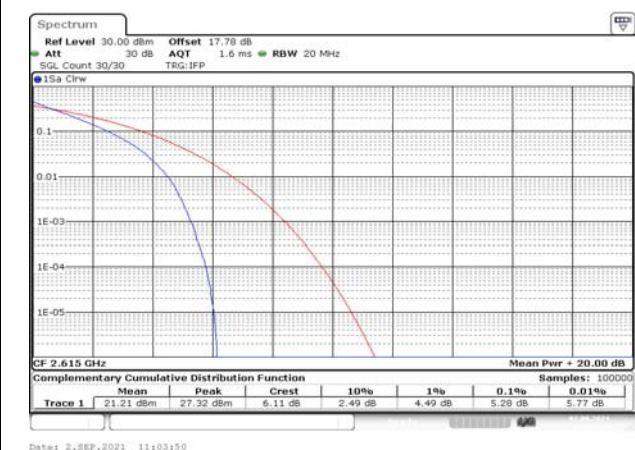


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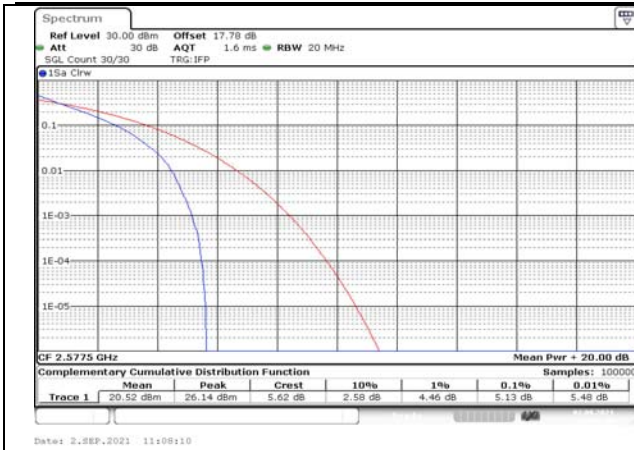


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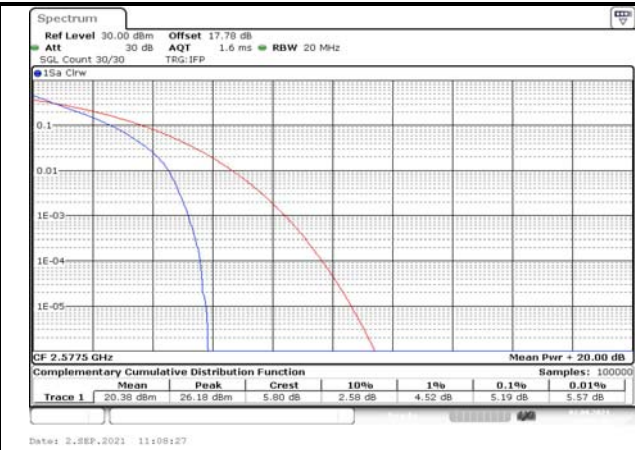


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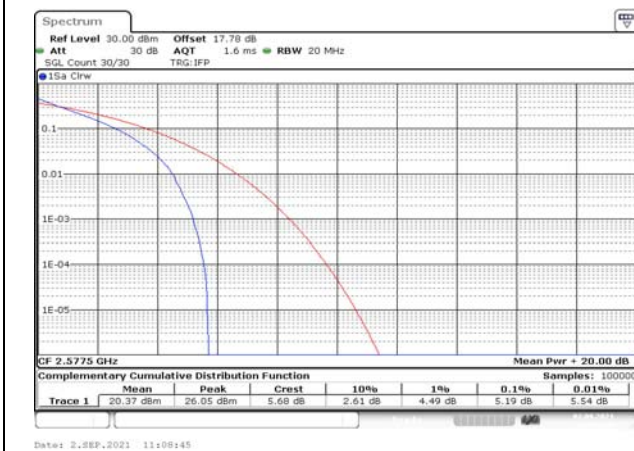


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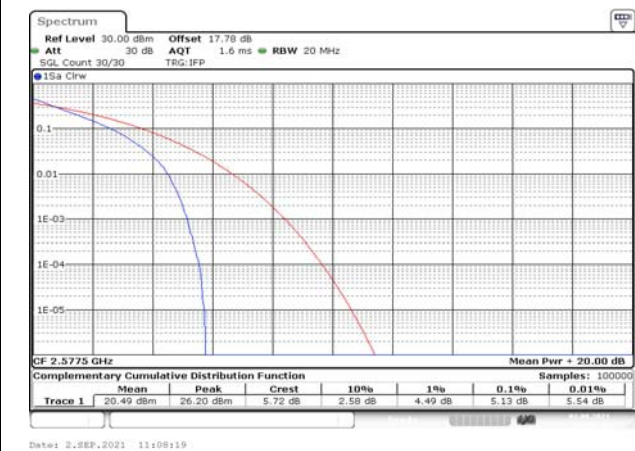


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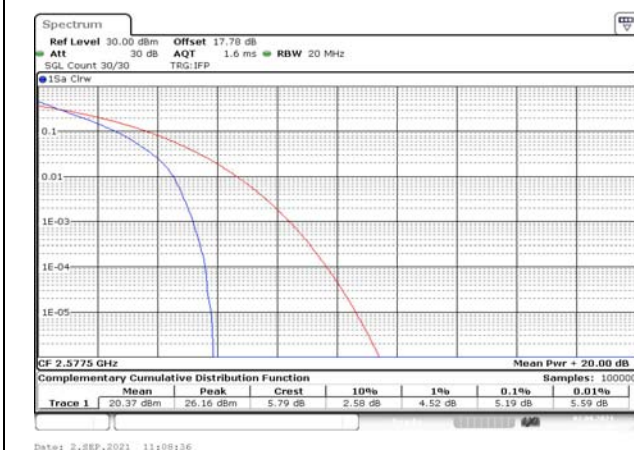


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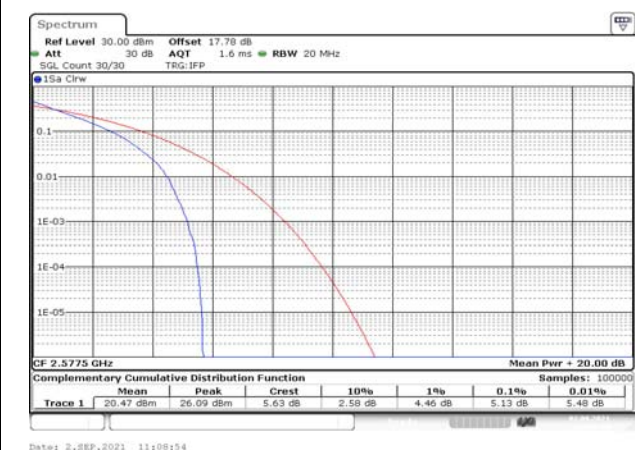


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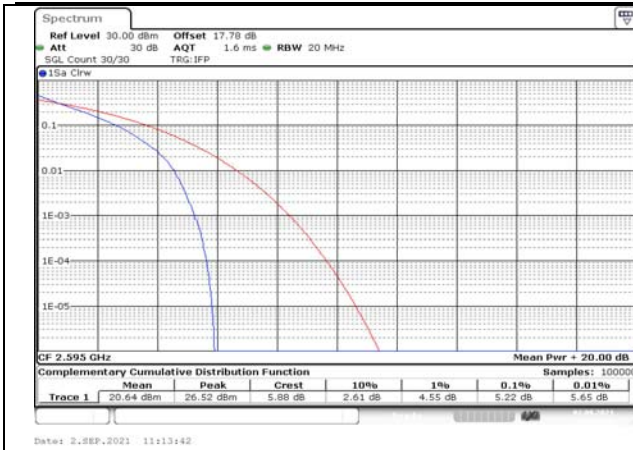


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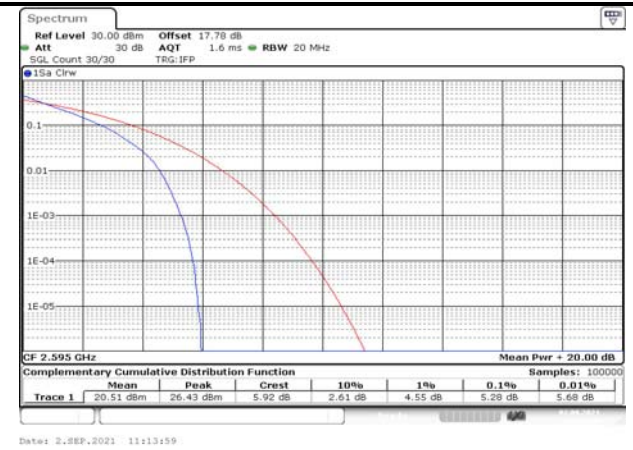


Fig.44

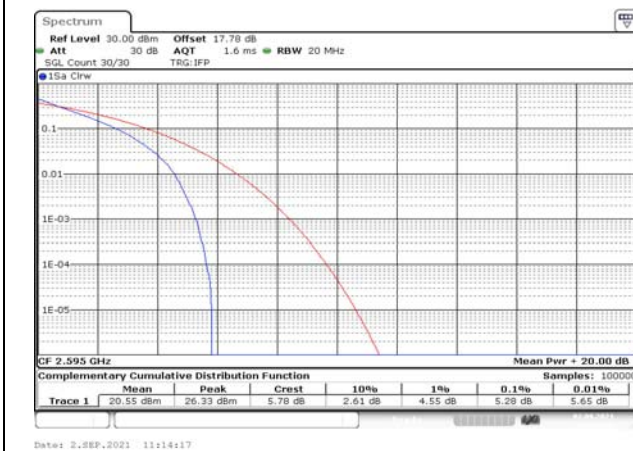


Fig.45

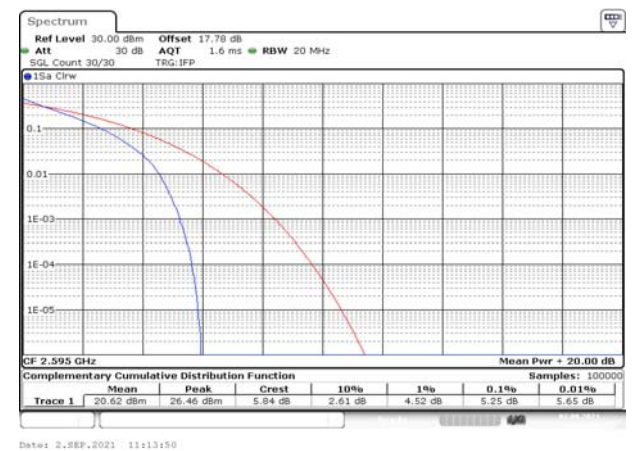


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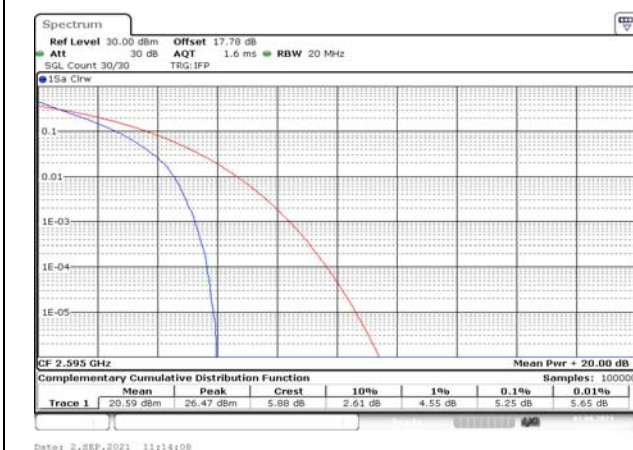


Fig.47

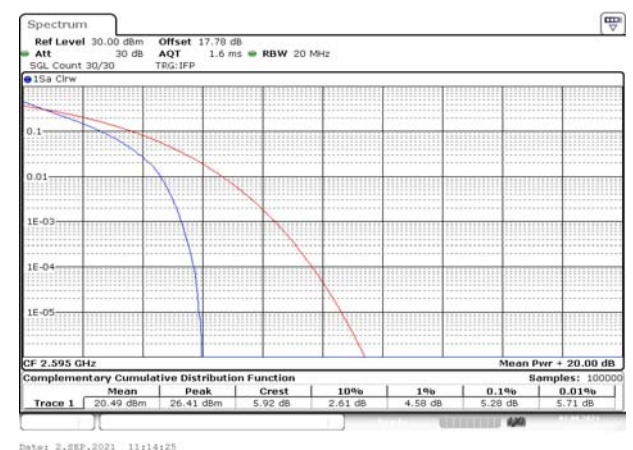


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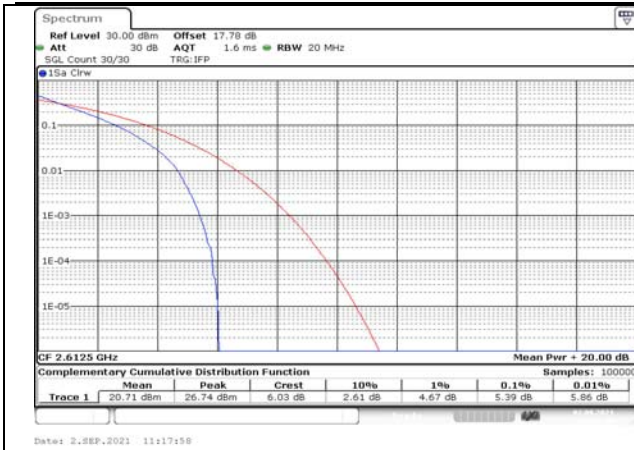


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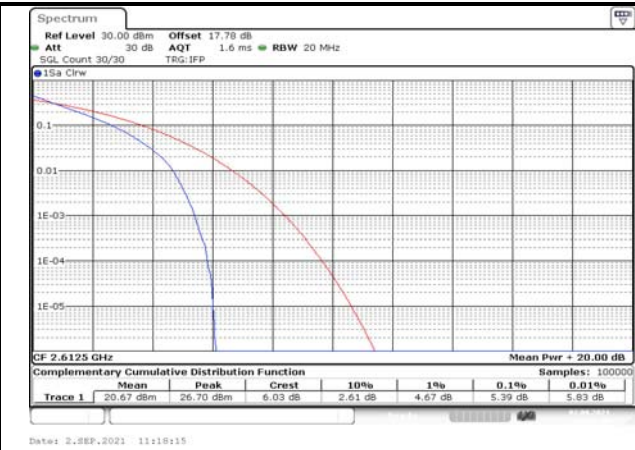


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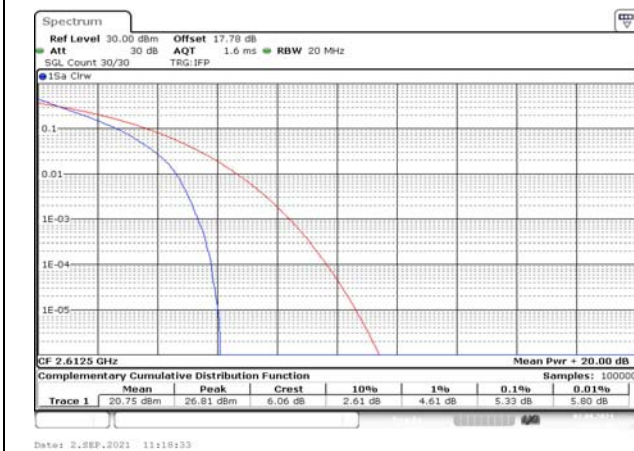


Fig.51

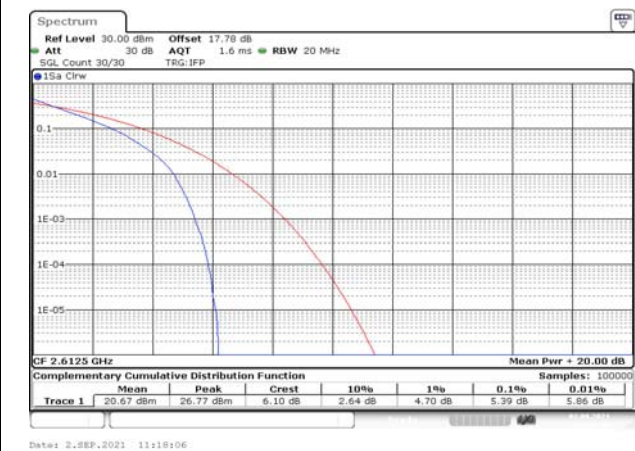


Fig.52

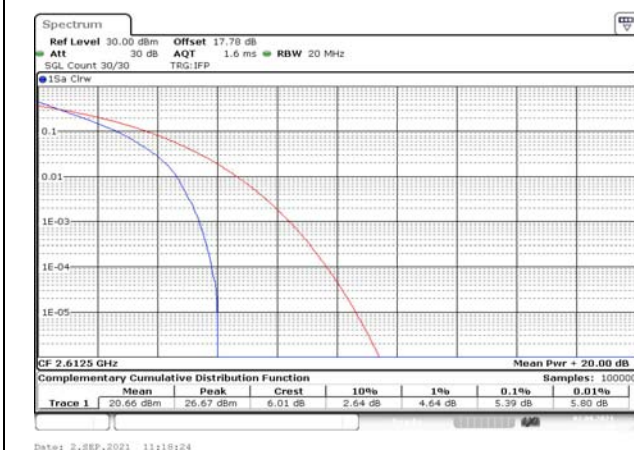


Fig.53

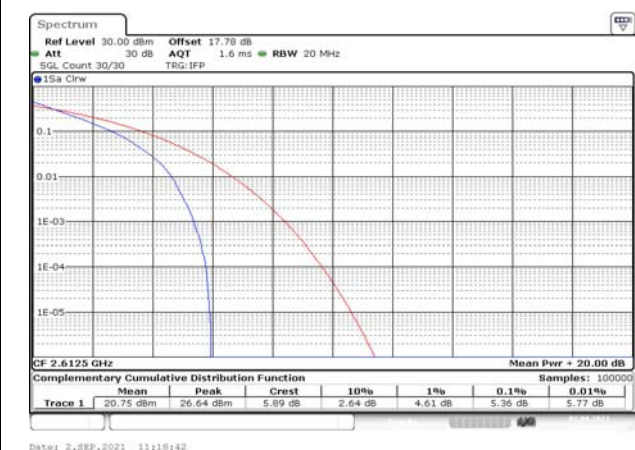


Fig.54

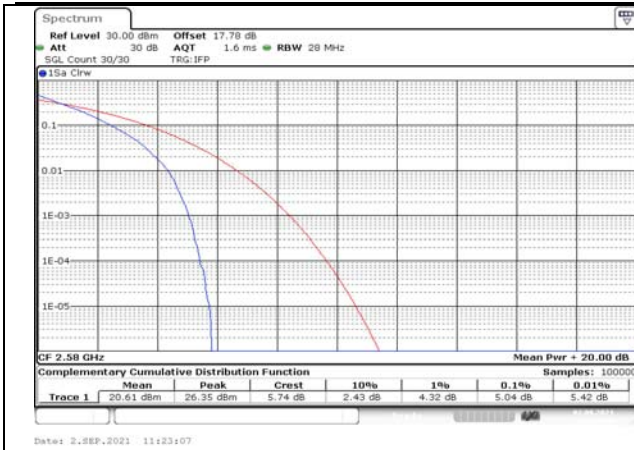


Fig.55

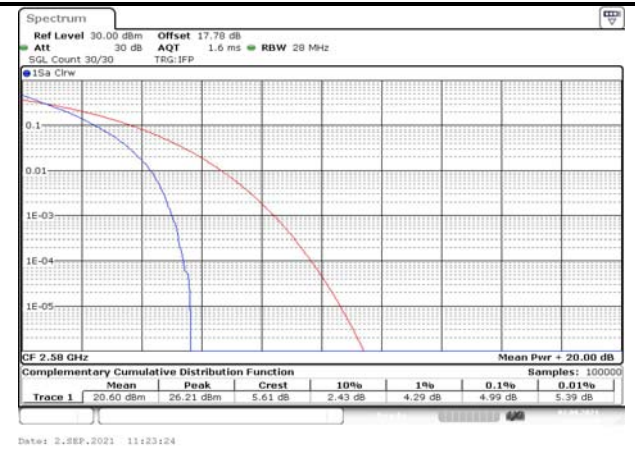


Fig.56

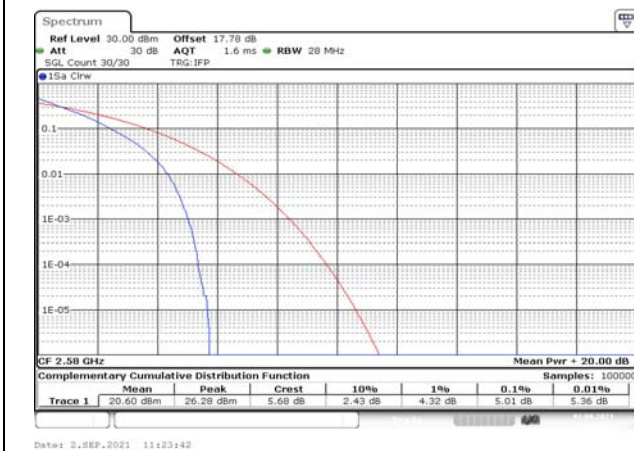


Fig.57

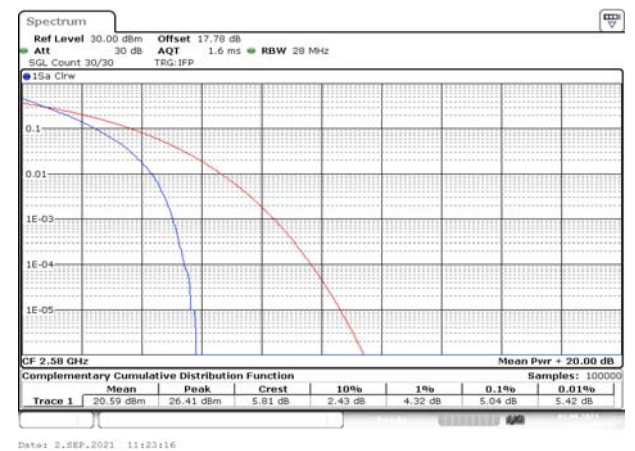


Fig.58

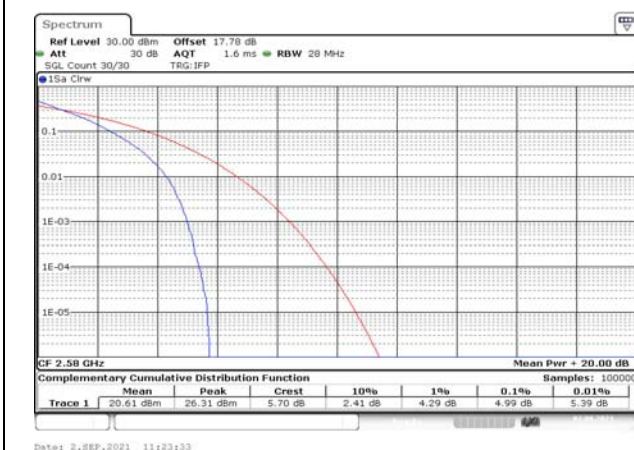


Fig.59

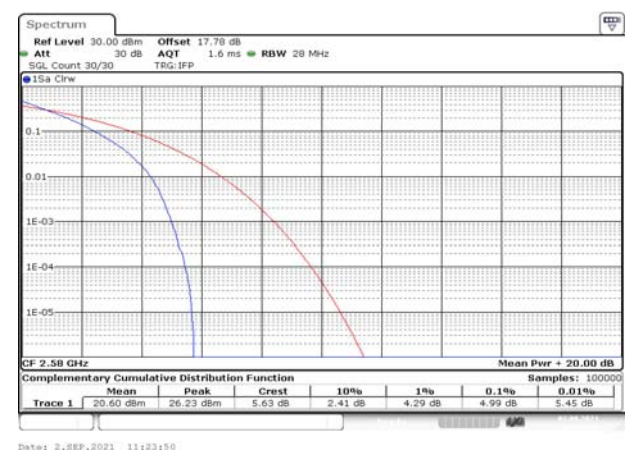


Fig.60

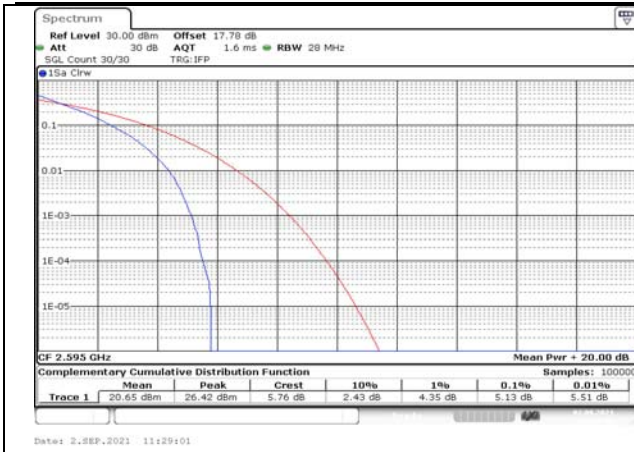


Fig.61

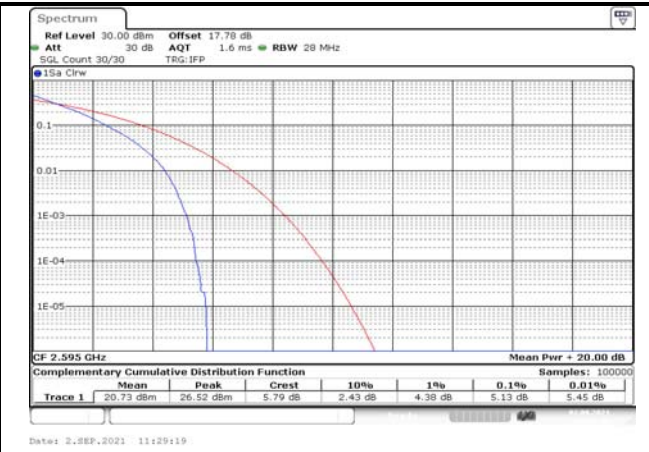


Fig.62

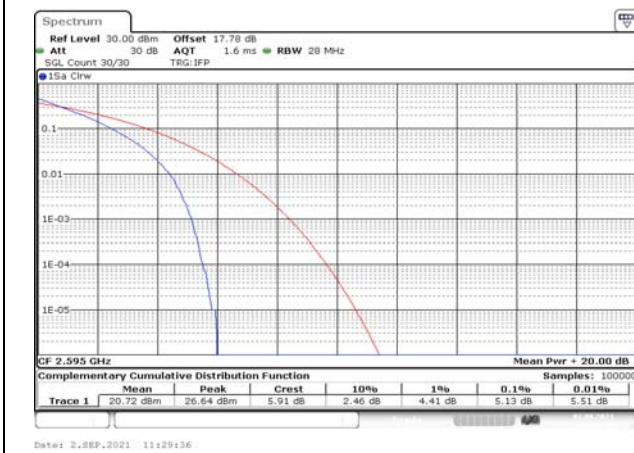


Fig.63

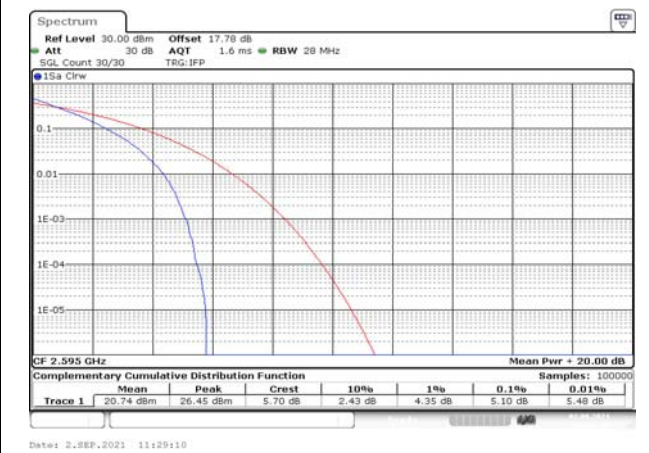


Fig.64

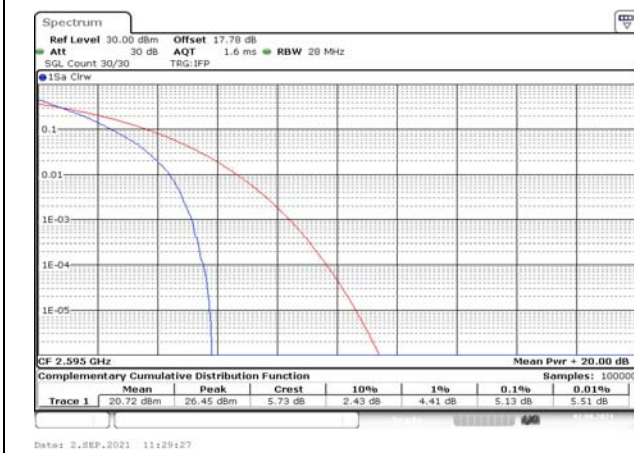


Fig.65

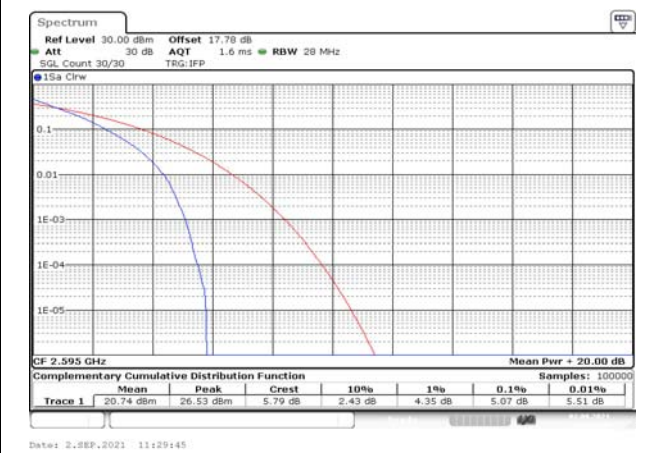


Fig.66

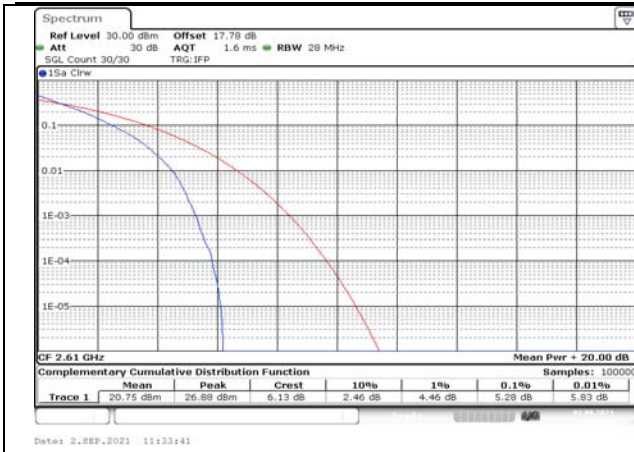


Fig.67

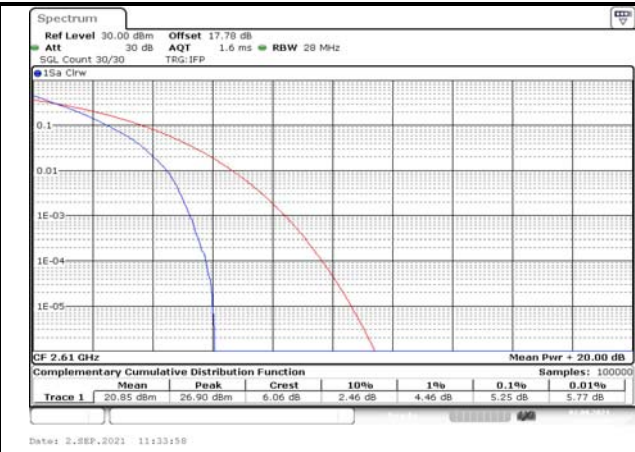


Fig.68

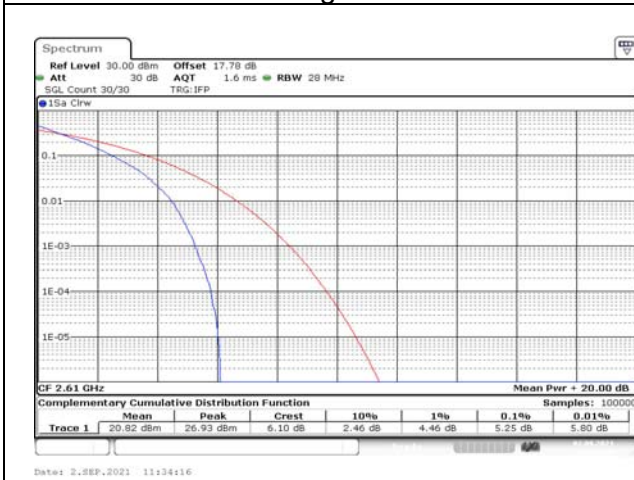


Fig.69

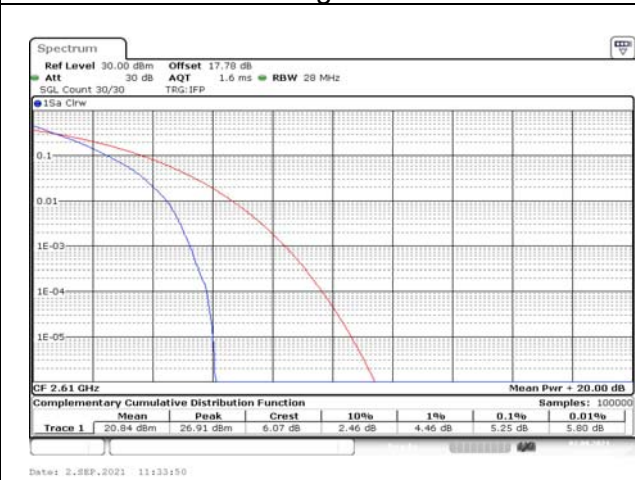


Fig.70

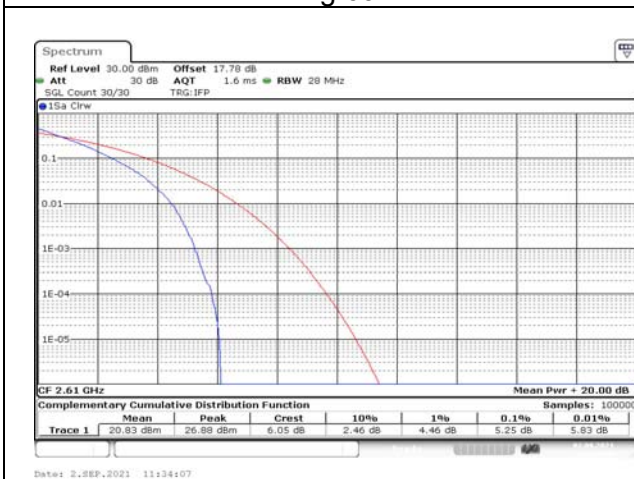


Fig.71

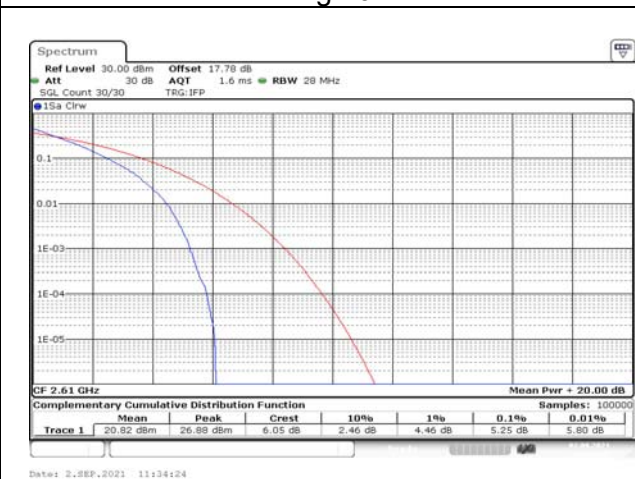


Fig.72

5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
38	2580	37850	20	1	0	Fig.1
	2595	38000		1	0	Fig.2
	2610	38150		1	0	Fig.3

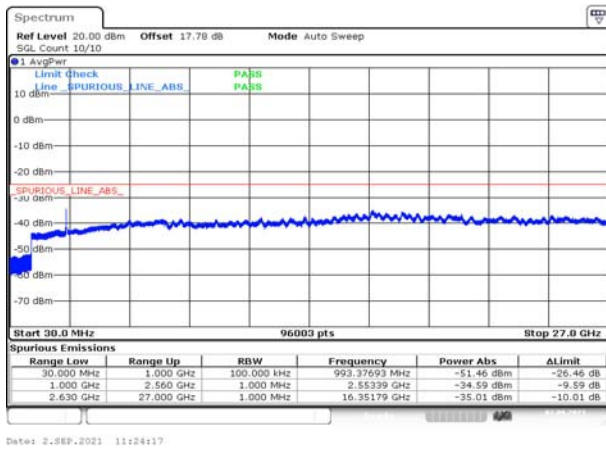


Fig.1

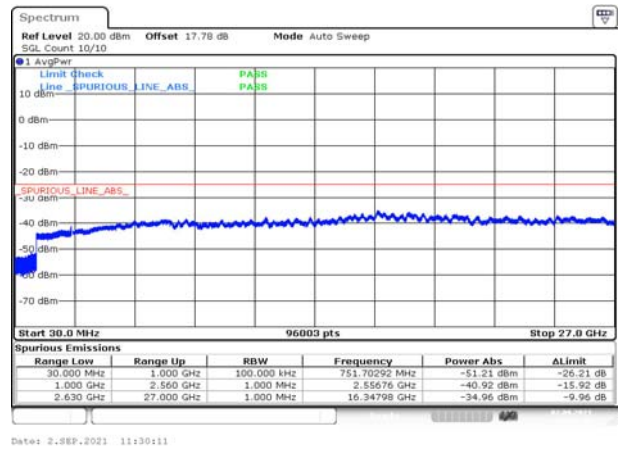


Fig.2

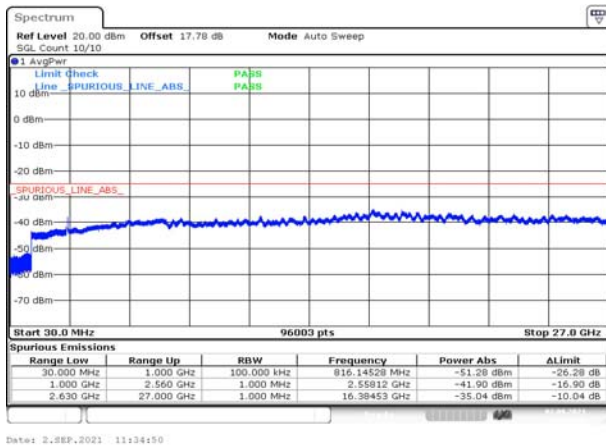


Fig.3

6 Band Edges Compliance

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
						QPSK
38	2572.5	37775	5	1	0	Fig.1
				25	0	Fig.2
		38225		1	24	Fig.3
				25	0	Fig.4
	2575	37800	10	1	0	Fig.5
				50	0	Fig.6
		38200		1	49	Fig.7
				50	0	Fig.8
	2577.5	37825	15	1	0	Fig.9
				75	0	Fig.10
		38175		1	74	Fig.11
				75	0	Fig.12
	2580	37850	20	1	0	Fig.13
				100	0	Fig.14
		38150		1	99	Fig.15
				100	0	Fig.16

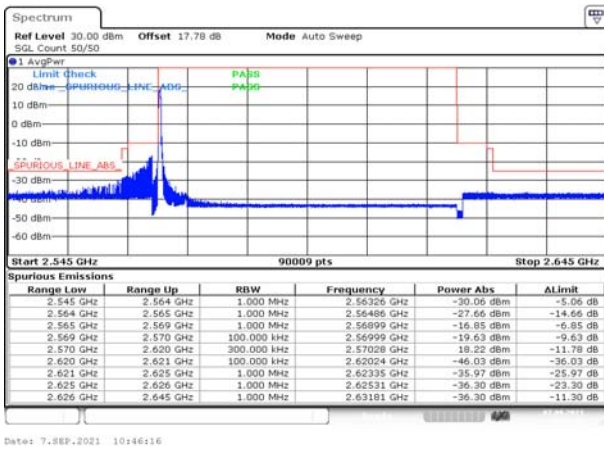


Fig.1

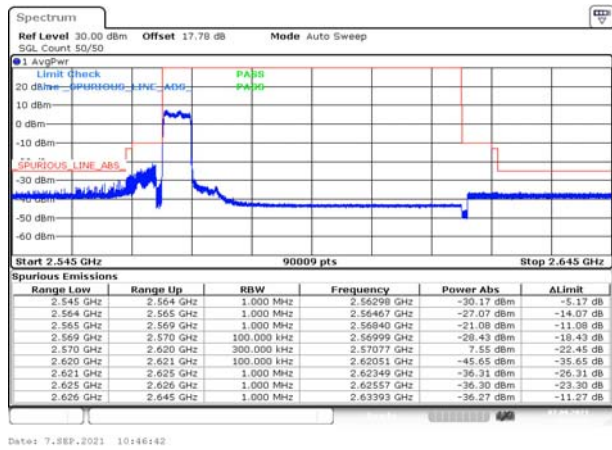


Fig.2

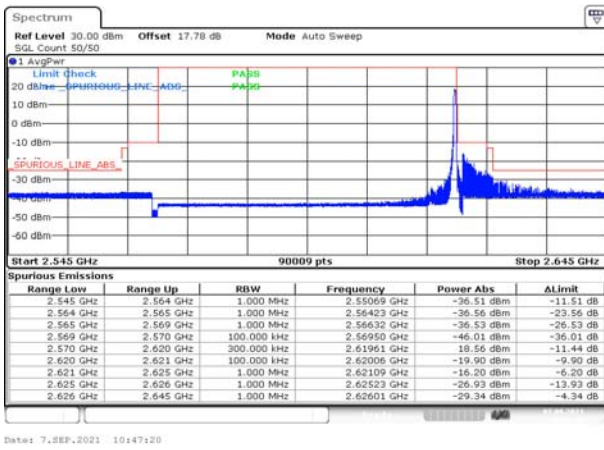


Fig.3

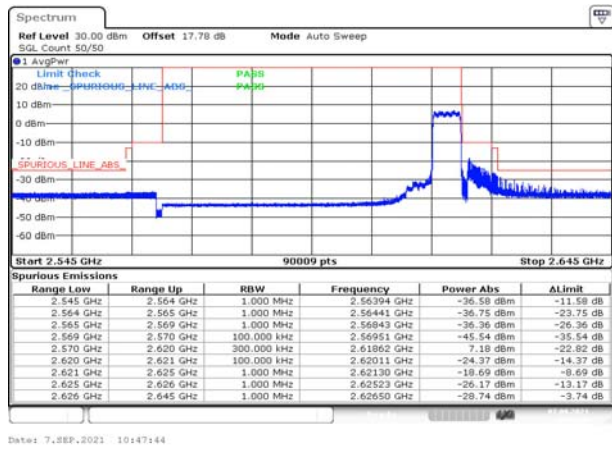


Fig.4

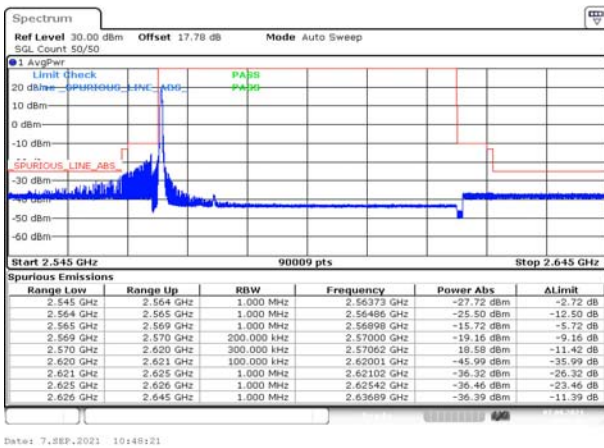


Fig.5

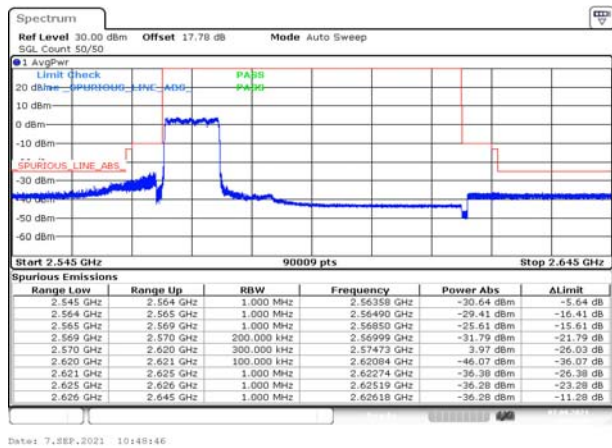


Fig.6

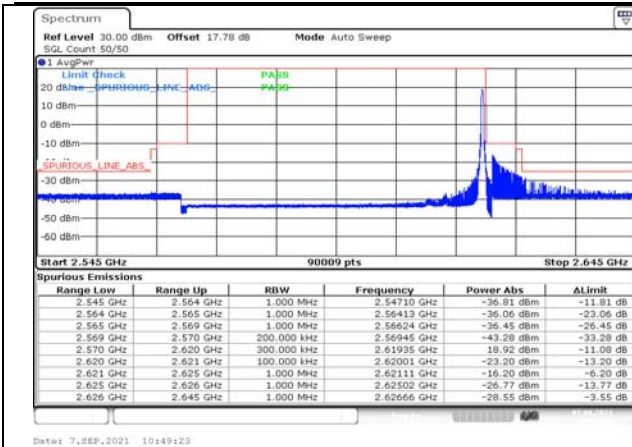


Fig.7

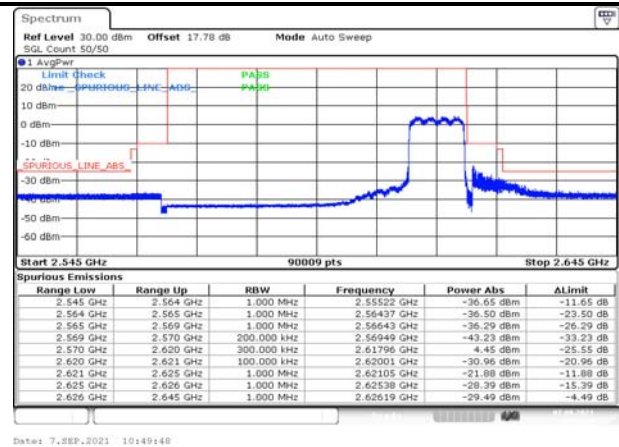


Fig.8

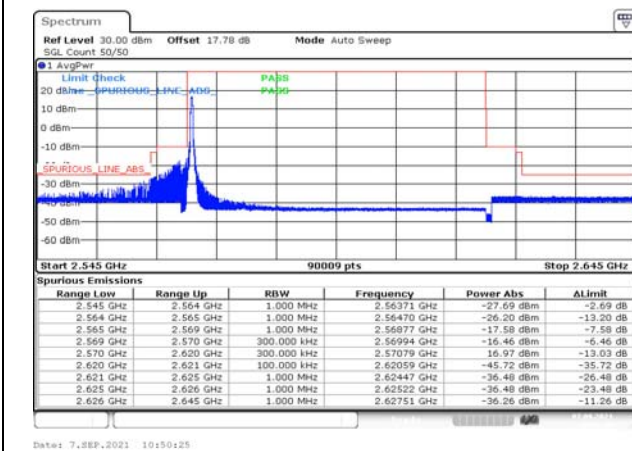


Fig.9

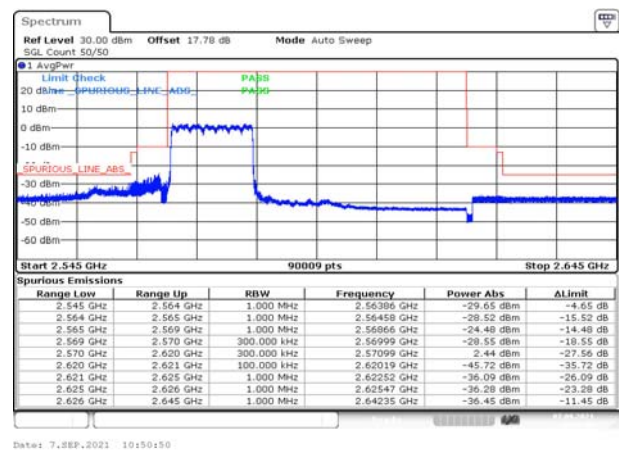


Fig.10

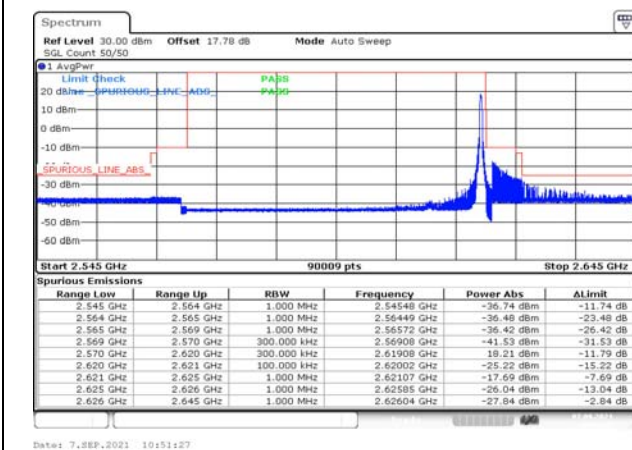


Fig.11

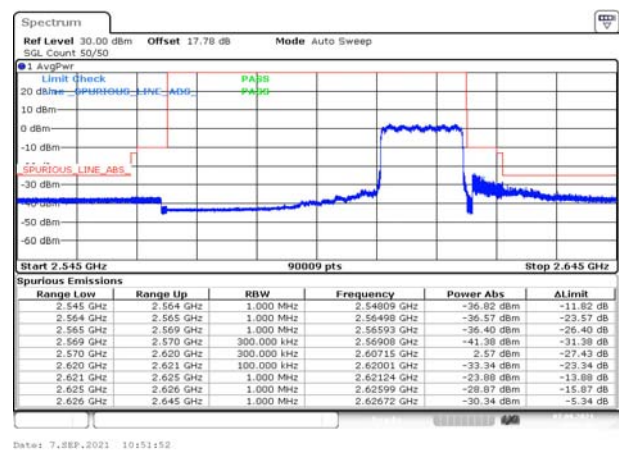


Fig.12

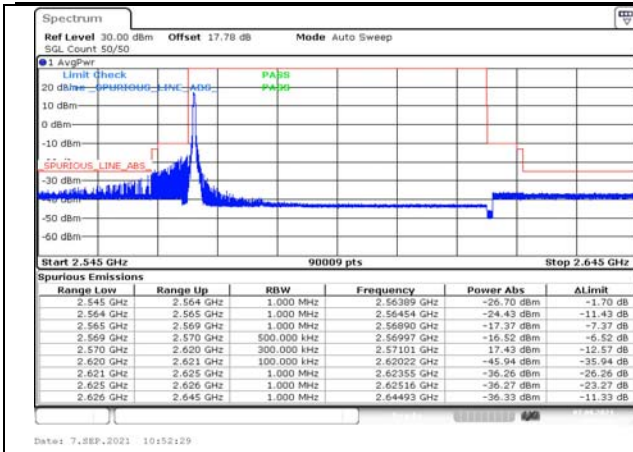


Fig.13

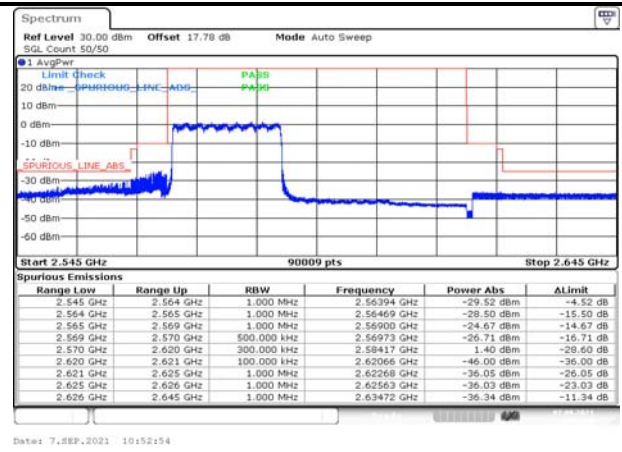


Fig.14

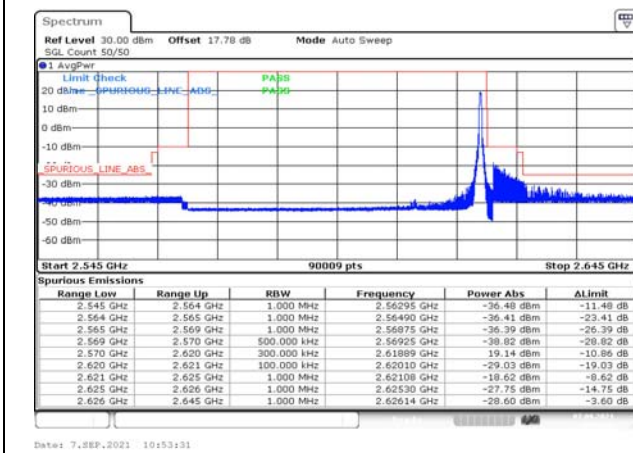


Fig.15

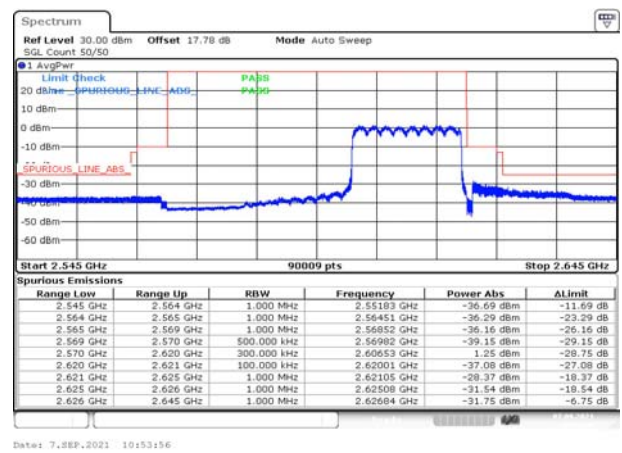


Fig.16

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band38 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-20	NV	---	---	-0.003	0.001	0.002	0.002
-10	NV	---	---	-0.002	0.002	0.002	0.000
0	NV	---	---	-0.001	0.001	0.002	0.001
+20	NV	---	---	-0.001	0.002	0.001	0.002
+20	HV	---	---	-0.001	0.002	0.001	0.002

Temperature(°C)	Voltage	Test Result (ppm) Band38 High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-20	NV	---	---	0.002	0.002	0.001	0.001
-10	NV	---	---	0.002	0.001	0.000	0.001
0	NV	---	---	0.001	0.002	0.002	0.001
+20	NV	---	---	0.003	0.002	0.000	0.000
+20	HV	---	---	0.001	0.002	-0.001	0.002

8 Effective Radiated Power and Effective Isotropic Radiated Power

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)	
QPSK	2572.5	37775	5	1	0	22.68	19.98	0.100	
				1	12	22.65	19.95	0.099	
				1	24	22.85	20.15	0.104	
				12	0	21.88	19.18	0.083	
				12	7	21.87	19.17	0.083	
				12	13	21.78	19.08	0.081	
				25	0	21.80	19.10	0.081	
	2595	38000		1	0	22.88	20.18	0.104	
				1	12	22.75	20.05	0.101	
				1	24	22.74	20.04	0.101	
				12	0	21.95	19.25	0.084	
				12	7	21.90	19.20	0.083	
				12	13	21.91	19.21	0.083	
				25	0	21.91	19.21	0.083	
	2617.5	38225		1	0	23.11	20.41	0.110	
				1	12	23.11	20.41	0.110	
				1	24	23.09	20.39	0.109	
				12	0	22.01	19.31	0.085	
				12	7	22.07	19.37	0.086	
				12	13	22.03	19.33	0.086	
				25	0	22.11	19.41	0.087	
	16QAM	2572.5		37775	1	0	22.07	19.37	0.086
					1	12	22.11	19.41	0.087
					1	24	21.42	18.72	0.074
12					0	20.82	18.12	0.065	
12					7	20.76	18.06	0.064	
12					13	20.92	18.22	0.066	
25					0	20.87	18.17	0.066	
2595		38000		1	0	22.08	19.38	0.087	
				1	12	22.24	19.54	0.090	
				1	24	22.13	19.43	0.088	
				12	0	20.95	18.25	0.067	
				12	7	20.95	18.25	0.067	
				12	13	20.95	18.25	0.067	
				25	0	20.93	18.23	0.067	
2617.5		38225		1	0	22.32	19.62	0.092	
				1	12	22.13	19.43	0.088	
				1	24	22.34	19.64	0.092	
				12	0	21.19	18.49	0.071	
				12	7	21.18	18.48	0.070	
				12	13	21.2	18.50	0.071	
				25	0	21.06	18.36	0.069	

Modulation	Carrier frequen cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	2572.5	37775	5	1	0	21.28	18.58	0.072
				1	12	21.09	18.39	0.069
				1	24	21.25	18.55	0.072
				12	0	19.95	17.25	0.053
				12	7	19.97	17.27	0.053
				12	13	19.90	17.20	0.052
				25	0	19.88	17.18	0.052
	2595	38000		1	0	21.11	18.41	0.069
				1	12	20.93	18.23	0.067
				1	24	21.04	18.34	0.068
				12	0	19.91	17.21	0.053
				12	7	19.84	17.14	0.052
				12	13	19.88	17.18	0.052
				25	0	19.83	17.13	0.052
	2617.5	38225		1	0	21.37	18.67	0.074
				1	12	21.21	18.51	0.071
				1	24	21.21	18.51	0.071
				12	0	20.20	17.50	0.056
				12	7	20.20	17.50	0.056
				12	13	20.20	17.50	0.056
				25	0	20.15	17.45	0.056

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)	
QPSK	2575	37800	10	1	0	22.58	19.88	0.097	
				1	25	22.62	19.92	0.098	
				1	49	22.56	19.86	0.097	
				25	0	21.75	19.05	0.080	
				25	12	21.64	18.94	0.078	
				25	25	21.62	18.92	0.078	
	50	0		21.68	18.98	0.079			
	2595	38000		1	0	22.61	19.91	0.098	
				1	25	22.69	19.99	0.100	
				1	49	22.66	19.96	0.099	
				25	0	21.76	19.06	0.081	
				25	12	21.85	19.15	0.082	
				25	25	21.71	19.01	0.080	
	50	0		21.74	19.04	0.080			
	2615	38200		1	0	22.82	20.12	0.103	
				1	25	22.80	20.10	0.102	
				1	49	22.87	20.17	0.104	
				25	0	21.93	19.23	0.084	
				25	12	21.96	19.26	0.084	
				25	25	21.95	19.25	0.084	
	50	0		21.95	19.25	0.084			
	16QAM	2575		37800	1	0	22.06	19.36	0.086
					1	25	22.08	19.38	0.087
					1	49	22.23	19.53	0.090
25					0	20.78	18.08	0.064	
25					12	20.75	18.05	0.064	
25					25	20.67	17.97	0.063	
50		0		20.73	18.03	0.064			
2595		38000		1	0	22.23	19.53	0.090	
				1	25	22.23	19.53	0.090	
				1	49	21.97	19.27	0.085	
				25	0	20.76	18.06	0.064	
				25	12	20.71	18.01	0.063	
				25	25	20.68	17.98	0.063	
50		0		20.76	18.06	0.064			
2615		38200		1	0	22.25	19.55	0.090	
				1	25	22.42	19.72	0.094	
				1	49	22.08	19.38	0.087	
				25	0	20.92	18.22	0.066	
				25	12	21.04	18.34	0.068	
				25	25	21.02	18.32	0.068	
50		0		20.97	18.27	0.067			

Modulation	Carrier frequern cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	2575	37800	10	1	0	21.04	18.34	0.068
				1	25	20.97	18.27	0.067
				1	49	21.17	18.47	0.070
				25	0	19.67	16.97	0.050
				25	12	19.68	16.98	0.050
				25	25	19.56	16.86	0.049
				50	0	19.64	16.94	0.049
	2595	38000		1	0	20.38	17.68	0.059
				1	25	20.47	17.77	0.060
				1	49	20.47	17.77	0.060
				25	0	19.68	16.98	0.050
				25	12	19.71	17.01	0.050
				25	25	19.73	17.03	0.050
				50	0	19.73	17.03	0.050
	2615	38200		1	0	21.45	18.75	0.075
				1	25	21.15	18.45	0.070
				1	49	21.08	18.38	0.069
				25	0	19.82	17.12	0.052
				25	12	19.93	17.23	0.053
				25	25	19.91	17.21	0.053
				50	0	19.97	17.27	0.053

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)	
QPSK	2577.5	37825	15	1	0	22.53	19.83	0.096	
				1	37	22.44	19.74	0.094	
				1	74	22.55	19.85	0.097	
				36	0	21.60	18.90	0.078	
				36	29	21.57	18.87	0.077	
				36	30	21.58	18.88	0.077	
	75	0		21.52	18.82	0.076			
	2595	38000		1	0	22.48	19.78	0.095	
				1	37	22.54	19.84	0.096	
				1	74	22.65	19.95	0.099	
				36	0	21.63	18.93	0.078	
				36	29	21.62	18.92	0.078	
				36	30	21.72	19.02	0.080	
	75	0		21.54	18.84	0.077			
	2612.5	38175		1	0	22.62	19.92	0.098	
				1	37	22.60	19.90	0.098	
				1	74	22.63	19.93	0.098	
				36	0	21.78	19.08	0.081	
				36	29	21.71	19.01	0.080	
				36	30	21.72	19.02	0.080	
	75	0		21.82	19.12	0.082			
	16QAM	2577.5		37825	1	0	21.77	19.07	0.081
					1	37	21.79	19.09	0.081
					1	74	21.81	19.11	0.081
36					0	20.60	17.90	0.062	
36					29	20.59	17.89	0.062	
36					30	20.58	17.88	0.061	
75		0		20.45	17.75	0.060			
2595		38000		1	0	21.83	19.13	0.082	
				1	37	21.83	19.13	0.082	
				1	74	21.94	19.24	0.084	
				36	0	20.70	18.00	0.063	
				36	29	20.67	17.97	0.063	
				36	30	20.66	17.96	0.063	
75		0		20.67	17.97	0.063			
2612.5		38175		1	0	22.09	19.39	0.087	
				1	37	22.10	19.40	0.087	
				1	74	22.09	19.39	0.087	
				36	0	20.83	18.13	0.065	
				36	29	20.81	18.11	0.065	
				36	30	20.71	18.01	0.063	
75		0		20.82	18.12	0.065			

Modulation	Carrier frequern cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	2577.5	37825	15	1	0	20.64	17.94	0.062
				1	37	20.69	17.99	0.063
				1	74	20.66	17.96	0.063
				36	0	19.64	16.94	0.049
				36	29	19.59	16.89	0.049
				36	30	19.59	16.89	0.049
				75	0	19.59	16.89	0.049
	2595	38000		1	0	20.67	17.97	0.063
				1	37	20.83	18.13	0.065
				1	74	20.95	18.25	0.067
				36	0	19.68	16.98	0.050
				36	29	19.71	17.01	0.050
				36	30	19.64	16.94	0.049
				75	0	19.64	16.94	0.049
	2612.5	38175		1	0	21.00	18.30	0.068
				1	37	21.04	18.34	0.068
				1	74	21.00	18.30	0.068
				36	0	19.80	17.10	0.051
				36	29	19.79	17.09	0.051
				36	30	19.69	16.99	0.050
				75	0	19.85	17.15	0.052

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)	
QPSK	2580	37850	20	1	0	22.50	19.80	0.095	
				1	49	22.56	19.86	0.097	
				1	99	22.62	19.92	0.098	
				50	0	21.58	18.88	0.077	
				50	24	21.54	18.84	0.077	
				50	50	21.52	18.82	0.076	
	100	0		21.51	18.81	0.076			
	2595	38000		1	0	22.55	19.85	0.097	
				1	49	22.56	19.86	0.097	
				1	99	22.73	20.03	0.101	
				50	0	21.65	18.95	0.079	
				50	24	21.72	19.02	0.080	
				50	50	21.66	18.96	0.079	
	100	0		21.62	18.92	0.078			
	2610	38150		1	0	22.65	19.95	0.099	
				1	49	22.70	20.00	0.100	
				1	99	22.79	20.09	0.102	
				50	0	21.69	18.99	0.079	
				50	24	21.86	19.16	0.082	
				50	50	21.82	19.12	0.082	
	16QAM	2580		37850	100	0	21.81	19.11	0.081
					1	0	21.85	19.15	0.082
					1	49	21.83	19.13	0.082
					1	99	21.99	19.29	0.085
50					0	20.55	17.85	0.061	
50					24	20.55	17.85	0.061	
50		50		20.49	17.79	0.060			
100		0		20.48	17.78	0.060			
2595		38000		1	0	21.92	19.22	0.084	
				1	49	21.95	19.25	0.084	
				1	99	22.04	19.34	0.086	
				50	0	20.65	17.95	0.062	
				50	24	20.75	18.05	0.064	
				50	50	20.72	18.02	0.063	
100		0		20.61	17.91	0.062			
2610		38150		1	0	21.99	19.29	0.085	
				1	49	22.05	19.35	0.086	
				1	99	22.06	19.36	0.086	
				50	0	20.74	18.04	0.064	
				50	24	20.85	18.15	0.065	
				50	50	20.80	18.10	0.065	
100		0		20.72	18.02	0.063			

Modulation	Carrier frequern cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	2580	37850	20	1	0	20.65	17.95	0.062
				1	49	20.57	17.87	0.061
				1	99	20.66	17.96	0.063
				50	0	19.54	16.84	0.048
				50	24	19.53	16.83	0.048
				50	50	19.54	16.84	0.048
				100	0	19.59	16.89	0.049
	2595	38000		1	0	20.72	18.02	0.063
				1	49	20.77	18.07	0.064
				1	99	20.84	18.14	0.065
				50	0	19.70	17.00	0.050
				50	24	19.76	17.06	0.051
				50	50	19.68	16.98	0.050
				100	0	19.63	16.93	0.049
	2610	38150		1	0	20.83	18.13	0.065
				1	49	20.88	18.18	0.066
				1	99	21.05	18.35	0.068
				50	0	19.70	17.00	0.050
				50	24	19.81	17.11	0.051
				50	50	19.70	17.00	0.050
				100	0	19.73	17.03	0.050