

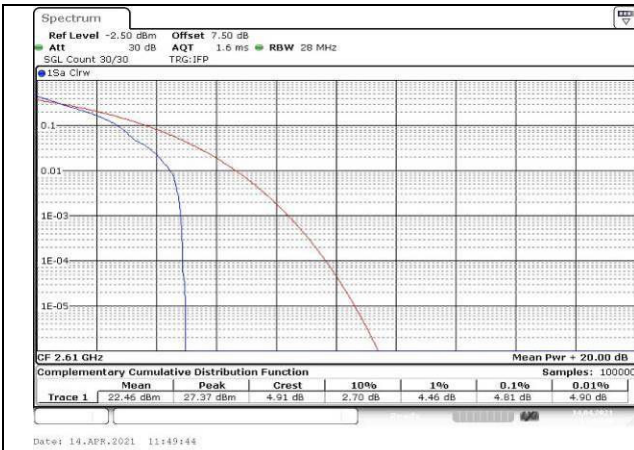


Fig.67

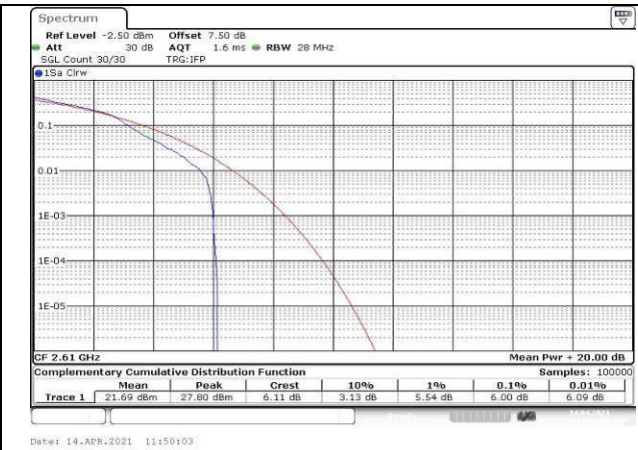


Fig.68

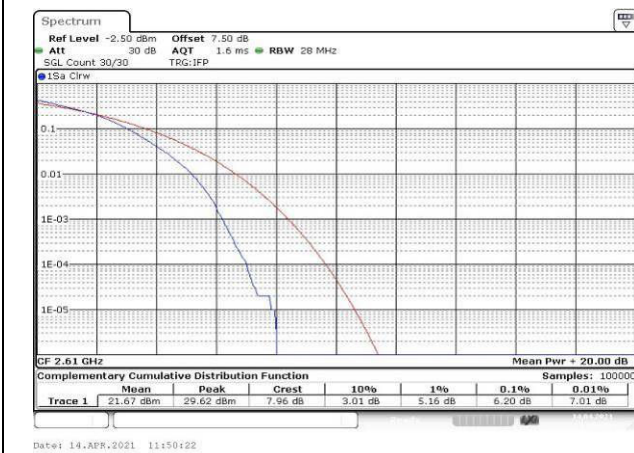


Fig.69

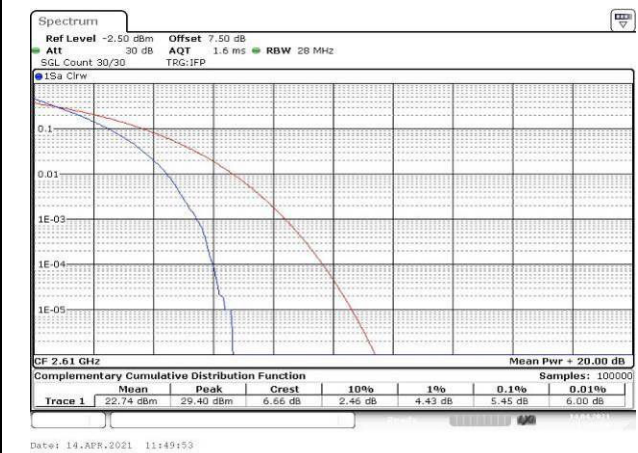


Fig.70

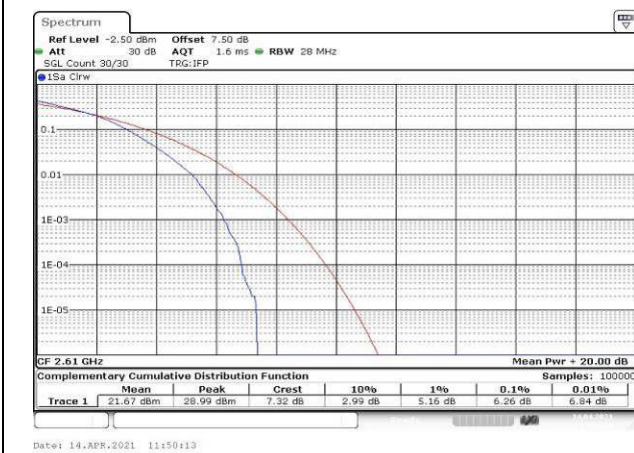


Fig.71

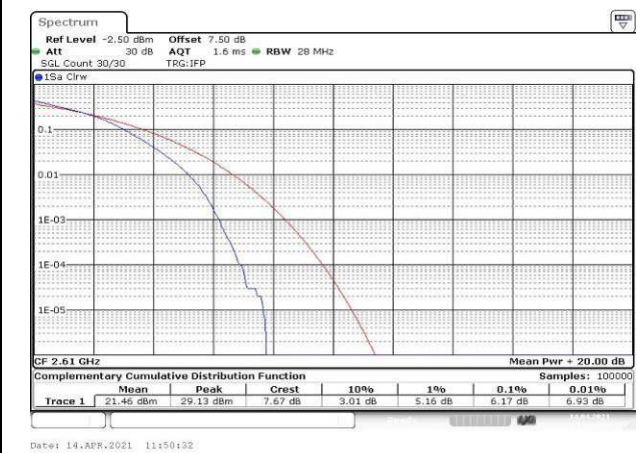


Fig.72

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

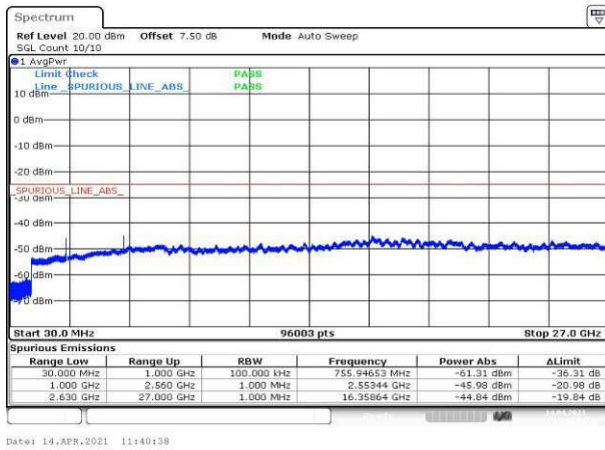


Fig.1

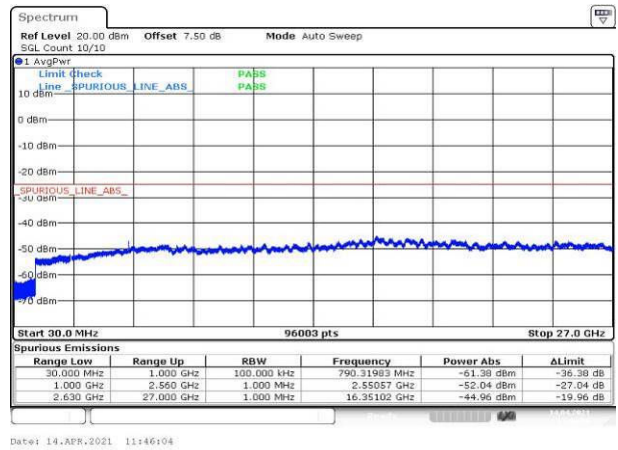


Fig.2

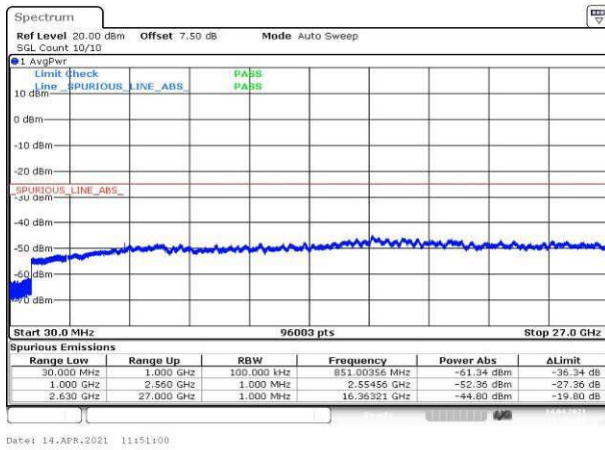


Fig.3

6 Band Edges Compliance

Band 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	
		2617.5		38225	1	24	Fig.3
					25	0	Fig.4
	2575	37800	10	1	0	Fig.5	
				50	0	Fig.6	
		2615		38200	1	49	Fig.7
					50	0	Fig.8
	2577.5	37825	15	1	0	Fig.9	
				75	0	Fig.10	
		2612.5		38175	1	74	Fig.11
					75	0	Fig.12
	2580	37850	20	1	0	Fig.13	
				100	0	Fig.14	
		2610		38150	1	99	Fig.15
					100	0	Fig.16

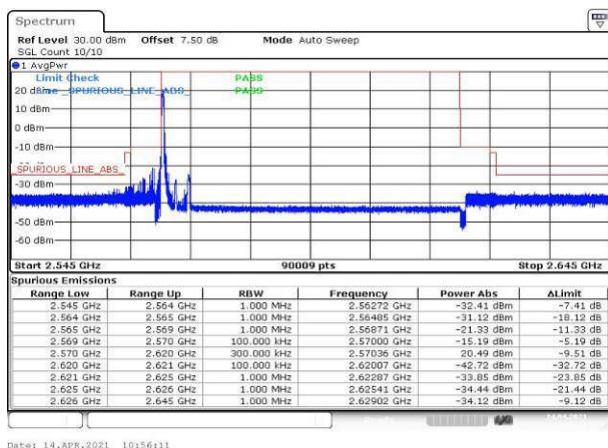


Fig.1

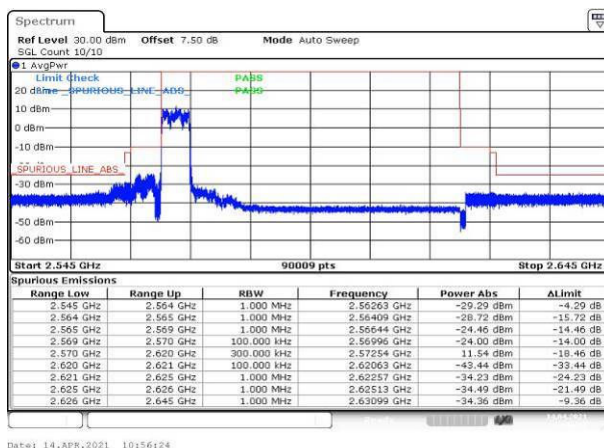


Fig.2

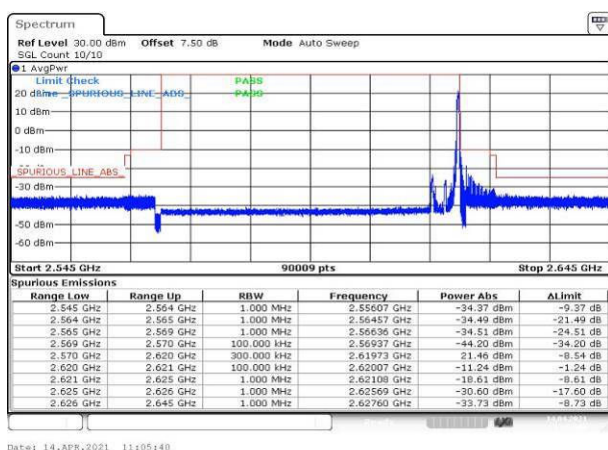


Fig.3

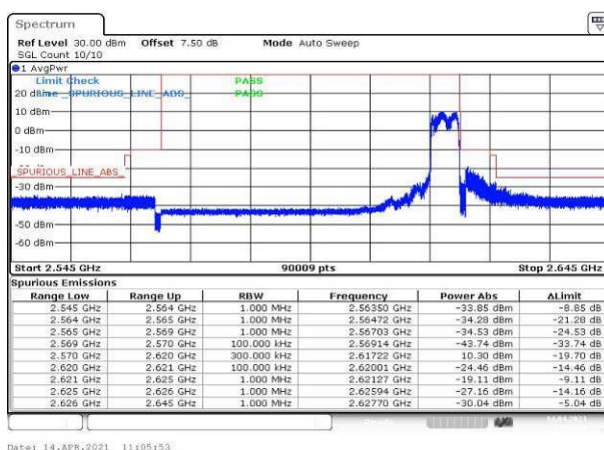


Fig.4

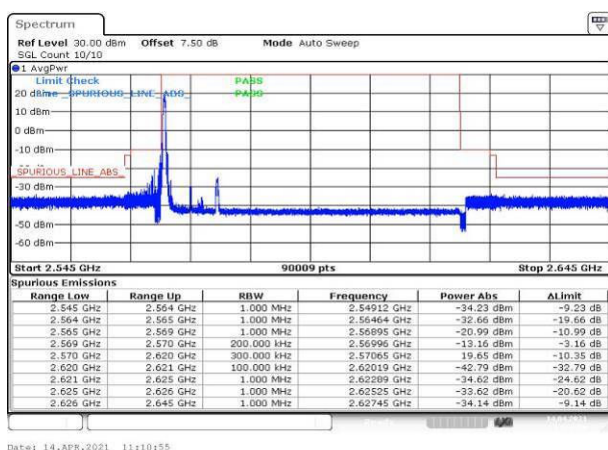


Fig.5

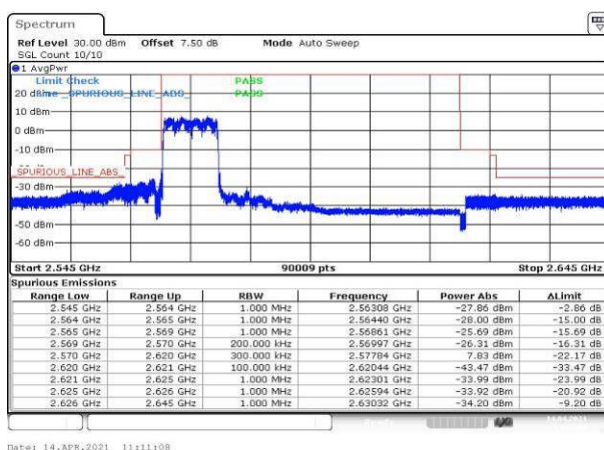


Fig.6

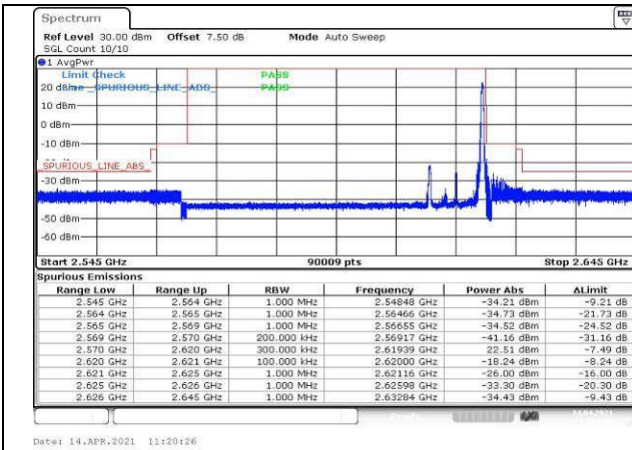


Fig.7

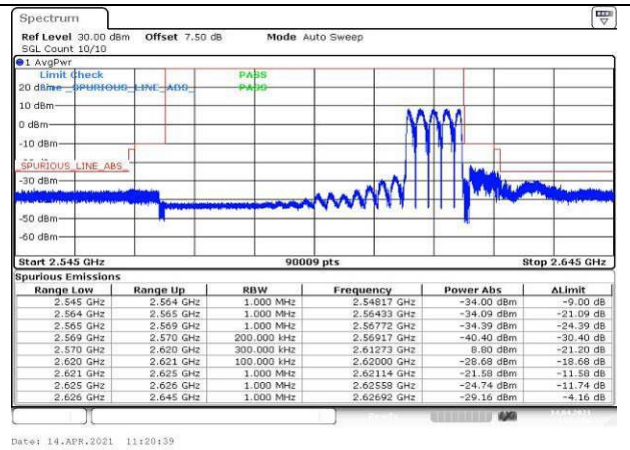


Fig.8

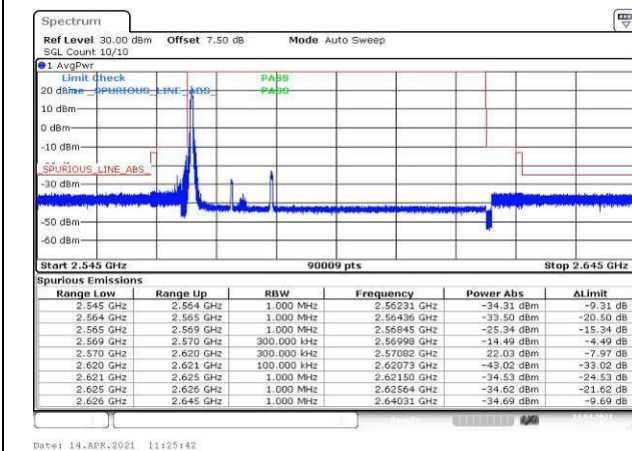


Fig.9

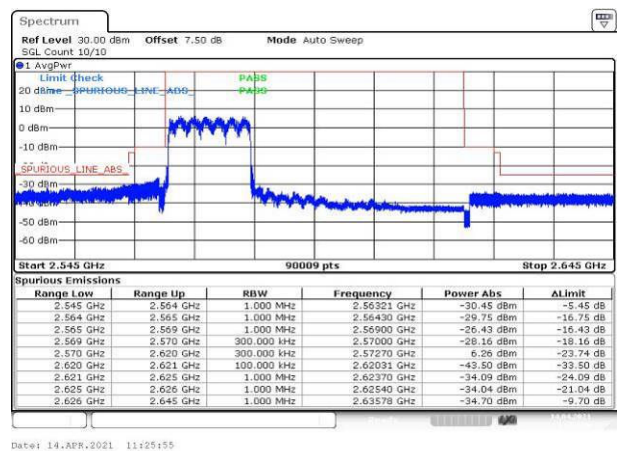


Fig.10

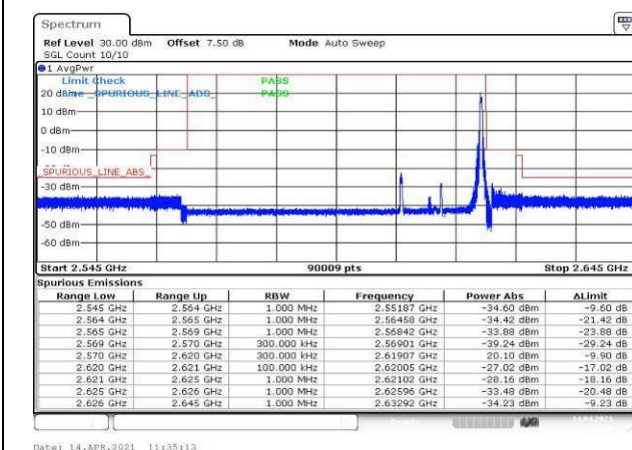


Fig.11

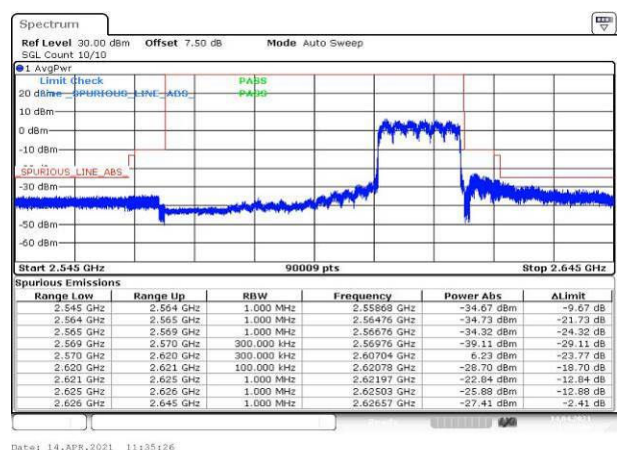


Fig.12

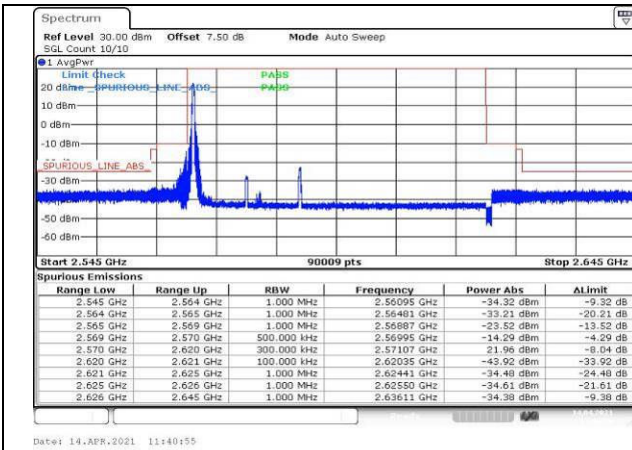


Fig.13

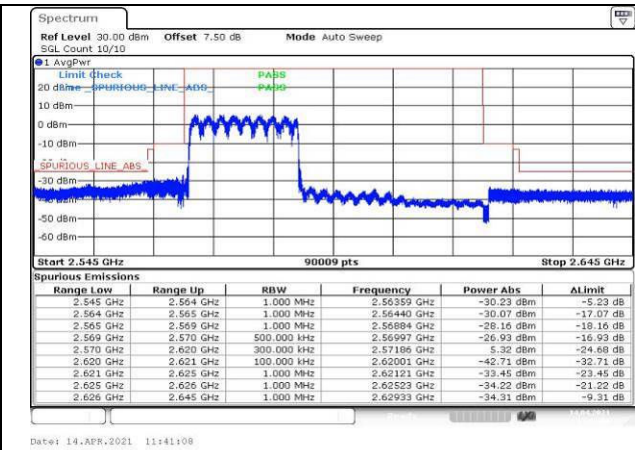


Fig.14

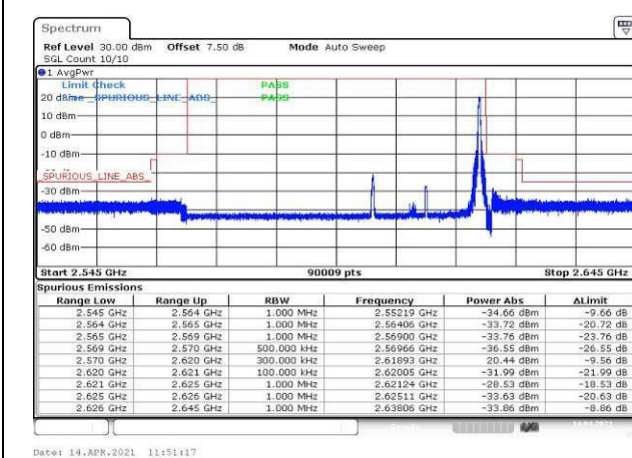


Fig.15

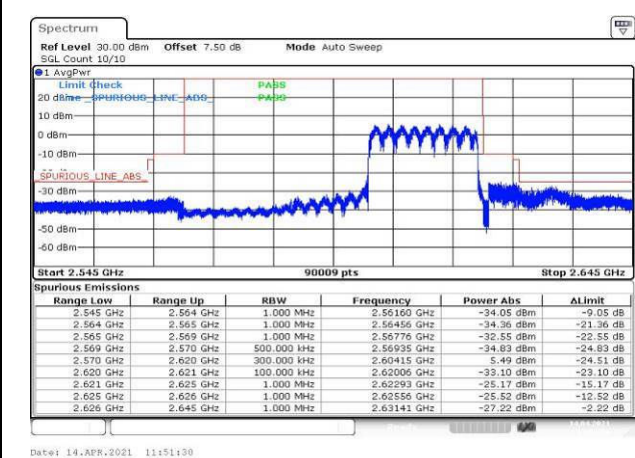


Fig.16

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band38 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-40	NV	---	---	0.006	-0.003	-0.005	-0.007
-30	NV	---	---	0.003	-0.001	-0.002	-0.004
-20	NV	---	---	0.000	-0.004	-0.005	-0.002
-10	NV	---	---	0.001	0.003	0.005	0.003
0	NV	---	---	-0.001	0.002	-0.005	0.002
+10	NV	---	---	-0.001	-0.002	-0.002	0.001
+20	NV	---	---	0.000	0.000	0.000	0.000
+30	NV	---	---	0.004	-0.002	-0.002	0.005
+40	NV	---	---	0.001	0.005	-0.004	-0.003
+50	NV	---	---	0.003	-0.002	-0.001	-0.001
+55	NV	---	---	0.004	-0.002	-0.001	-0.001
+20	LV	---	---	0.006	0.002	-0.003	0.001
+20	HV	---	---	0.003	-0.002	0.000	-0.005

Temperature(°C)	Voltage	Test Result (ppm) Band38 High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-40	NV	---	---	0.002	-0.002	-0.003	-0.006
-30	NV	---	---	0.004	-0.002	-0.001	-0.001
-20	NV	---	---	0.002	-0.006	-0.002	0.001
-10	NV	---	---	0.004	-0.004	0.007	0.002
0	NV	---	---	-0.003	-0.003	0.000	0.000
+10	NV	---	---	-0.001	-0.001	0.002	0.002
+20	NV	---	---	0.000	0.000	0.000	0.000
+30	NV	---	---	-0.001	0.001	0.001	-0.004
+40	NV	---	---	0.003	-0.004	0.002	-0.003
+50	NV	---	---	-0.001	-0.002	0.001	-0.002
+55	NV	---	---	-0.003	-0.005	0.003	-0.006
+20	LV	---	---	-0.003	-0.004	0.003	-0.002
+20	HV	---	---	-0.004	-0.002	-0.002	-0.002

8 Effective Radiated Power and Effective Isotropic Radiated Power

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	23.43	29.43	0.877	
				1	12	23.39	29.39	0.869	
				1	24	23.35	29.35	0.861	
				12	0	22.46	28.46	0.701	
				12	7	22.35	28.35	0.684	
				12	13	22.50	28.50	0.708	
				25	0	22.45	28.45	0.700	
	2595	38000		1	0	23.69	29.69	0.931	
				1	12	23.48	29.48	0.887	
				1	24	23.71	29.71	0.935	
				12	0	22.68	28.68	0.738	
				12	7	22.75	28.75	0.750	
				12	13	22.74	28.74	0.748	
				25	0	22.79	28.79	0.757	
	2617.5	38225		1	0	23.61	29.61	0.914	
				1	12	23.47	29.47	0.885	
				1	24	23.59	29.59	0.910	
				12	0	22.58	28.58	0.721	
				12	7	22.55	28.55	0.716	
				12	13	22.54	28.54	0.714	
				25	0	22.53	28.53	0.713	
	16QAM	2572.5		37775	1	0	22.74	28.74	0.748
					1	12	22.79	28.79	0.757
					1	24	22.65	28.65	0.733
12					0	21.67	27.67	0.585	
12					7	21.50	27.50	0.562	
12					13	21.72	27.72	0.592	
25					0	21.52	27.52	0.565	
2595		38000	1	0	23.07	29.07	0.807		
			1	12	23.05	29.05	0.804		
			1	24	22.94	28.94	0.783		
			12	0	21.76	27.76	0.597		
			12	7	21.65	27.65	0.582		
			12	13	21.76	27.76	0.597		
			25	0	21.90	27.90	0.617		
2617.5		38225	1	0	22.69	28.69	0.740		
			1	12	22.80	28.80	0.759		
			1	24	22.79	28.79	0.757		
			12	0	21.56	27.56	0.570		
			12	7	21.71	27.71	0.590		
			12	13	21.64	27.64	0.581		
25	0	21.64	27.64	0.581					

Modulation	Carrier frequency (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	21.67	27.67	0.585
				1	12	21.58	27.58	0.573
				1	24	21.61	27.61	0.577
				12	0	21.57	27.57	0.571
				12	7	21.63	27.63	0.579
				12	13	21.73	27.73	0.593
				25	0	21.66	27.66	0.583
	2595	38000		1	0	21.75	27.75	0.596
				1	12	21.83	27.83	0.607
				1	24	21.75	27.75	0.596
				12	0	21.67	27.67	0.585
				12	7	21.82	27.82	0.605
				12	13	21.82	27.82	0.605
				25	0	21.75	27.75	0.596
	2617.5	38225		1	0	21.64	27.64	0.581
				1	12	21.63	27.63	0.579
				1	24	21.52	27.52	0.565
				12	0	21.52	27.52	0.565
				12	7	21.64	27.64	0.581
				12	13	21.64	27.64	0.581
				25	0	21.63	27.63	0.579

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	23.93	29.93	0.984
				1	25	23.69	29.69	0.931
				1	49	23.78	29.78	0.951
				25	0	22.95	28.95	0.785
				25	12	22.88	28.88	0.773
				25	25	22.87	28.87	0.771
				50	0	22.96	28.96	0.787
	2595	38000		1	0	23.85	29.85	0.966
				1	25	23.68	29.68	0.929
				1	49	23.67	29.67	0.927
				25	0	22.80	28.80	0.759
				25	12	22.73	28.73	0.746
				25	25	22.77	28.77	0.753
				50	0	22.93	28.93	0.782
	2615	38200		1	0	23.81	29.81	0.957
				1	25	23.56	29.56	0.904
				1	49	23.64	29.64	0.920
				25	0	22.89	28.89	0.774
				25	12	22.70	28.70	0.741
				25	25	22.73	28.73	0.746
				50	0	22.85	28.85	0.767
16QAM	2575	37800		1	0	23.39	29.39	0.869
				1	25	23.17	29.17	0.826
				1	49	23.17	29.17	0.826
				25	0	22.00	28.00	0.631
				25	12	21.94	27.94	0.622
				25	25	22.00	28.00	0.631
				50	0	21.94	27.94	0.622
	2595	38000	1	0	22.73	28.73	0.746	
			1	25	22.51	28.51	0.710	
			1	49	22.51	28.51	0.710	
			25	0	21.97	27.97	0.627	
			25	12	21.89	27.89	0.615	
			25	25	21.99	27.99	0.630	
			50	0	21.87	27.87	0.612	
	2615	38200	1	0	22.78	28.78	0.755	
			1	25	22.56	28.56	0.718	
			1	49	22.86	28.86	0.769	
			25	0	21.77	27.77	0.598	
			25	12	21.78	27.78	0.600	
			25	25	21.78	27.78	0.600	
			50	0	21.78	27.78	0.600	

Modulation	Carrier frequen 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	21.84	27.84	0.608
				1	25	21.88	27.88	0.614
				1	49	21.91	27.91	0.618
				25	0	21.87	27.87	0.612
				25	12	21.87	27.87	0.612
				25	25	21.91	27.91	0.618
				50	0	21.84	27.84	0.608
	2595	38000		1	0	21.93	27.93	0.621
				1	25	21.87	27.87	0.612
				1	49	21.80	27.80	0.603
				25	0	21.81	27.81	0.604
				25	12	21.94	27.94	0.622
				25	25	21.77	27.77	0.598
				50	0	21.77	27.77	0.598
	2615	38200		1	0	21.89	27.89	0.615
				1	25	21.87	27.87	0.612
				1	49	21.87	27.87	0.612
				25	0	21.98	27.98	0.628
				25	12	21.98	27.98	0.628
				25	25	21.97	27.97	0.627
				50	0	21.97	27.97	0.627

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	24.04	30.04	1.009
				1	37	23.75	29.75	0.944
				1	74	23.73	29.73	0.940
				36	0	22.98	28.98	0.791
				36	29	22.93	28.93	0.782
				36	30	22.93	28.93	0.782
				75	0	22.97	28.97	0.789
	2595	38000		1	0	24.02	30.02	1.005
				1	37	23.74	29.74	0.942
				1	74	23.79	29.79	0.953
				36	0	22.91	28.91	0.778
				36	29	22.74	28.74	0.748
				36	30	22.88	28.88	0.773
				75	0	22.93	28.93	0.782
	2612.5	38175		1	0	24.07	30.07	1.016
				1	37	23.96	29.96	0.991
				1	74	23.80	29.80	0.955
				36	0	22.87	28.87	0.771
				36	29	22.82	28.82	0.762
				36	30	22.71	28.71	0.743
				75	0	22.84	28.84	0.766
16QAM	2577.5	37825	1	0	23.54	29.54	0.899	
			1	37	23.21	29.21	0.834	
			1	74	23.18	29.18	0.828	
			36	0	22.17	28.17	0.656	
			36	29	22.03	28.03	0.635	
			36	30	21.99	27.99	0.630	
			75	0	22.03	28.03	0.635	
	2595	38000	1	0	22.97	28.97	0.789	
			1	37	22.72	28.72	0.745	
			1	74	22.72	28.72	0.745	
			36	0	22.01	28.01	0.632	
			36	29	21.90	27.90	0.617	
			36	30	21.84	27.84	0.608	
			75	0	21.98	27.98	0.628	
	2612.5	38175	1	0	22.78	28.78	0.755	
			1	37	22.60	28.60	0.724	
			1	74	22.56	28.56	0.718	
			36	0	21.82	27.82	0.605	
			36	29	21.87	27.87	0.612	
			36	30	21.80	27.80	0.603	
			75	0	21.82	27.82	0.605	

Modulation	Carrier frequen 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	22.03	28.03	0.635
				1	37	22.10	28.10	0.646
				1	74	21.96	27.96	0.625
				36	0	21.99	27.99	0.630
				36	29	21.99	27.99	0.630
				36	30	22.10	28.10	0.646
				75	0	22.10	28.10	0.646
	2595	38000		1	0	21.81	27.81	0.604
				1	37	21.98	27.98	0.628
				1	74	21.98	27.98	0.628
				36	0	21.91	27.91	0.618
				36	29	22.06	28.06	0.640
				36	30	21.91	27.91	0.618
				75	0	22.05	28.05	0.638
	2612.5	38175		1	0	21.97	27.97	0.627
				1	37	21.90	27.90	0.617
				1	74	22.04	28.04	0.637
				36	0	21.90	27.90	0.617
				36	29	21.83	27.83	0.607
				36	30	21.90	27.90	0.617
				75	0	21.83	27.83	0.607

Modulation	Carrier frequern cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)	
QPSK	2580	37850	20	1	0	24.13	30.13	1.030	
				1	49	23.85	29.85	0.966	
				1	99	23.79	29.79	0.953	
				50	0	23.26	29.26	0.843	
				50	24	22.93	28.93	0.782	
				50	50	22.85	28.85	0.767	
				100	0	23.03	29.03	0.800	
	2595	38000		1	0	24.04	30.04	1.009	
				1	49	23.93	29.93	0.984	
				1	99	23.68	29.68	0.929	
				50	0	23.04	29.04	0.802	
				50	24	22.76	28.76	0.752	
				50	50	22.89	28.89	0.774	
				100	0	22.93	28.93	0.782	
	2610	38150		1	0	23.95	29.95	0.989	
				1	49	23.81	29.81	0.957	
				1	99	23.96	29.96	0.991	
				50	0	22.95	28.95	0.785	
				50	24	22.83	28.83	0.764	
				50	50	22.93	28.93	0.782	
				100	0	22.84	28.84	0.766	
	16QAM	2580		37850	1	0	23.33	29.33	0.857
					1	49	23.04	29.04	0.802
					1	99	23.14	29.14	0.820
50					0	22.34	28.34	0.682	
50					24	21.88	27.88	0.614	
50					50	21.95	27.95	0.624	
100					0	22.13	28.13	0.650	
2595		38000		1	0	23.16	29.16	0.824	
				1	49	22.86	28.86	0.769	
				1	99	22.79	28.79	0.757	
				50	0	22.12	28.12	0.649	
				50	24	21.83	27.83	0.607	
				50	50	21.77	27.77	0.598	
				100	0	22.02	28.02	0.634	
2610		38150		1	0	22.69	28.69	0.740	
				1	49	22.26	28.26	0.670	
				1	99	22.33	28.33	0.681	
				50	0	22.01	28.01	0.632	
				50	24	21.95	27.95	0.624	
				50	50	22.12	28.12	0.649	
				100	0	21.85	27.85	0.610	

Modulation	Carrier frequen 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	22.06	28.06	0.640
				1	49	22.13	28.13	0.650
				1	99	22.06	28.06	0.640
				50	0	22.17	28.17	0.656
				50	24	22.09	28.09	0.644
				50	50	22.06	28.06	0.640
				100	0	22.13	28.13	0.650
	2595	38000		1	0	22.09	28.09	0.644
				1	49	22.02	28.02	0.634
				1	99	21.88	27.88	0.614
				50	0	21.96	27.96	0.625
				50	24	21.88	27.88	0.614
				50	50	22.02	28.02	0.634
				100	0	22.02	28.02	0.634
	2610	38150		1	0	22.00	28.00	0.631
				1	49	22.00	28.00	0.631
				1	99	21.90	27.90	0.617
				50	0	21.78	27.78	0.600
				50	24	21.89	27.89	0.615
				50	50	21.93	27.93	0.621
				100	0	21.93	27.93	0.621