

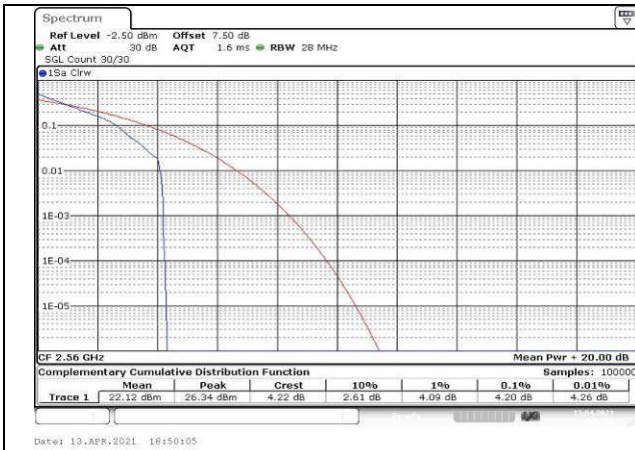


Fig.67

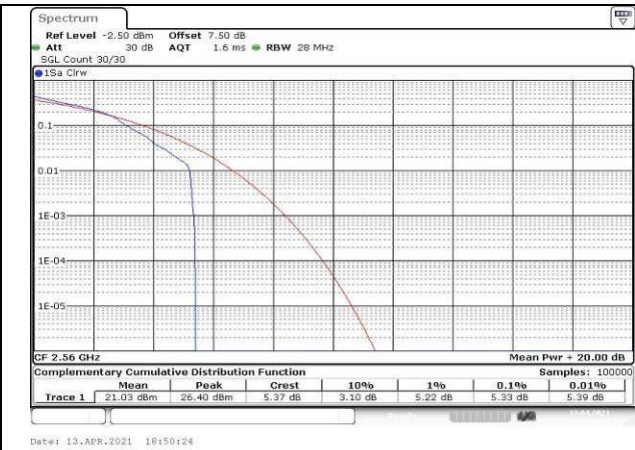


Fig.68

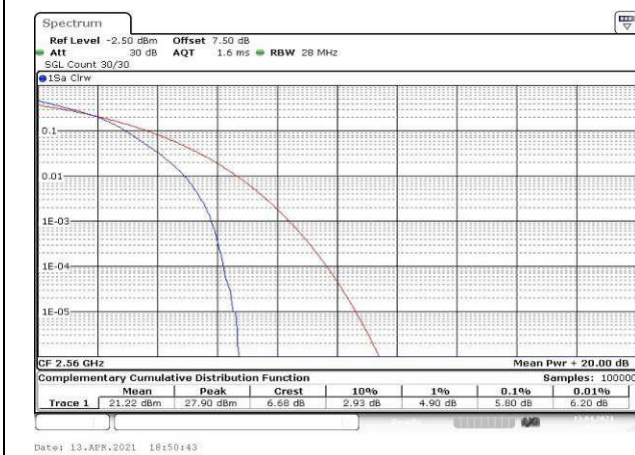


Fig.69

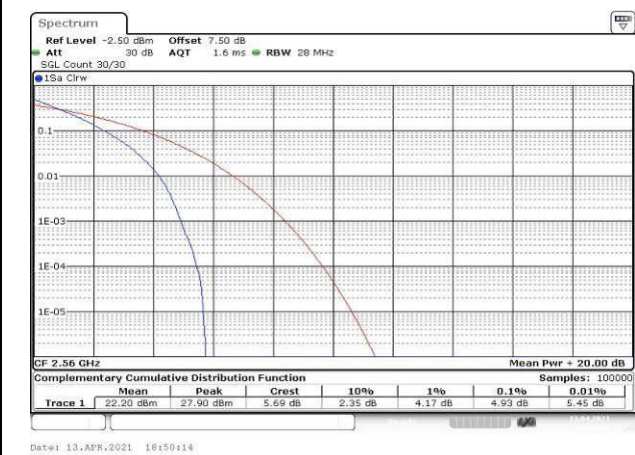


Fig.70

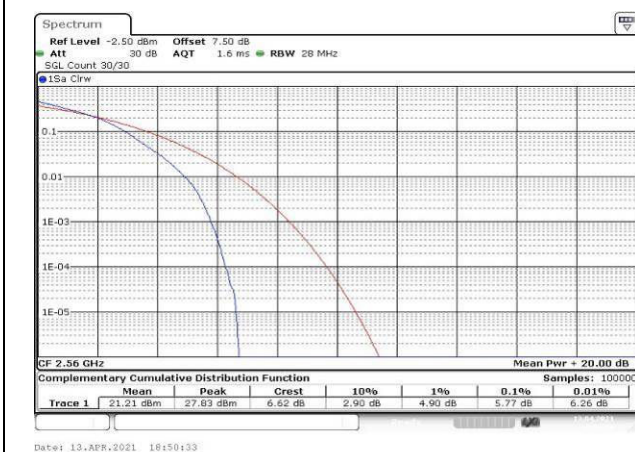


Fig.71

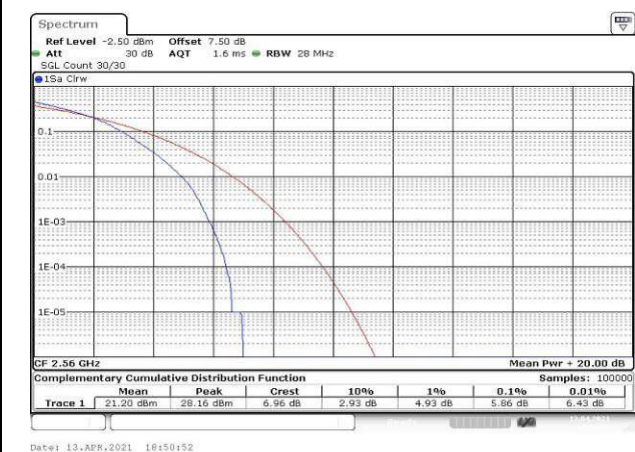


Fig.72

5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
7	2510	20850	20	1	0	Fig.1
	2535	21100		1	0	Fig.2
	2560	21350		1	0	Fig.3

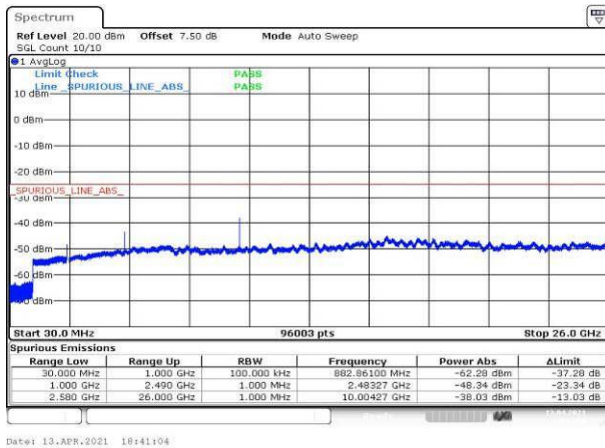


Fig.1

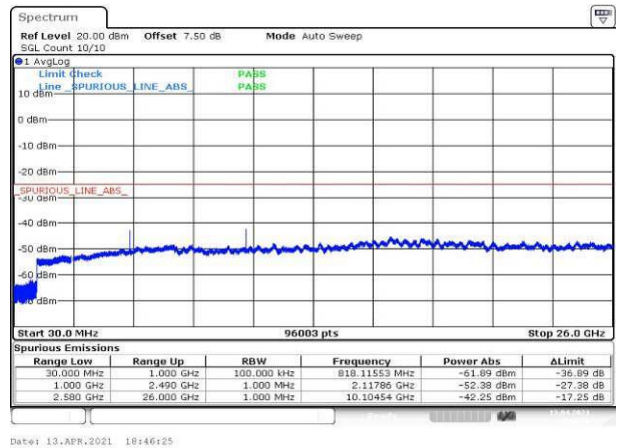


Fig.2

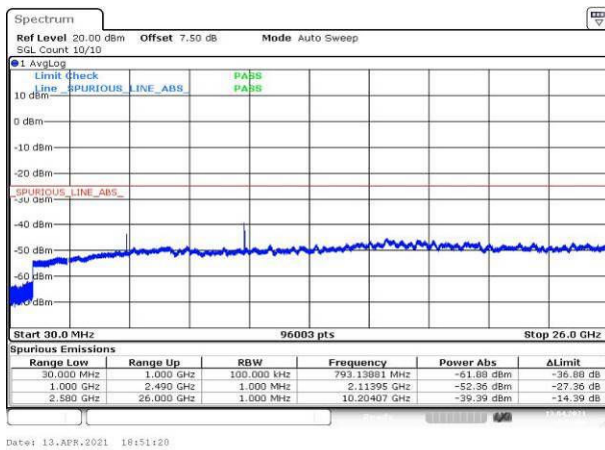


Fig.3

6 Band Edges Compliance

Band Edges Compliance							
Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot	
						QPSK	
7	2502.5	20775	5	1	0	Fig.1	
				25	0	Fig.2	
		2567.5		21425	1	24	Fig.3
					25	0	Fig.4
	2505	20800	10	1	0	Fig.5	
				50	0	Fig.6	
		2565		21400	1	49	Fig.7
					50	0	Fig.8
	2507.5	20825	15	1	0	Fig.9	
				75	0	Fig.10	
		2562.5		21375	1	74	Fig.11
					75	0	Fig.12
	2510	20850	20	1	0	Fig.13	
				100	0	Fig.14	
		2560		21350	1	99	Fig.15
					100	0	Fig.16

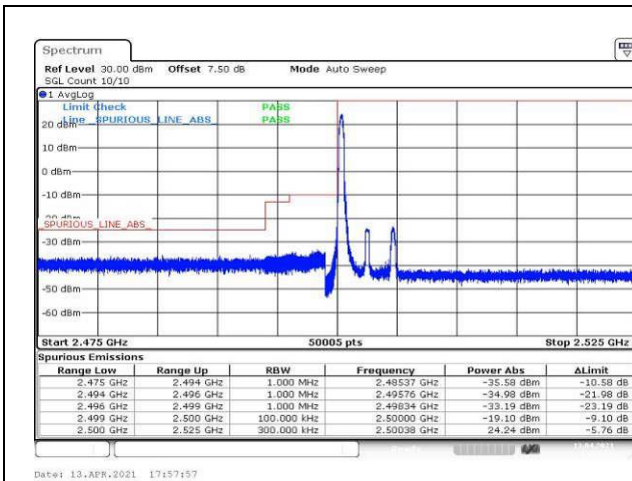


Fig.1

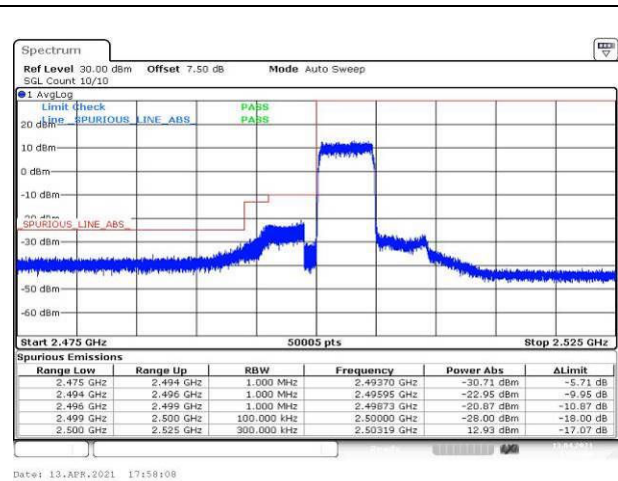


Fig.2

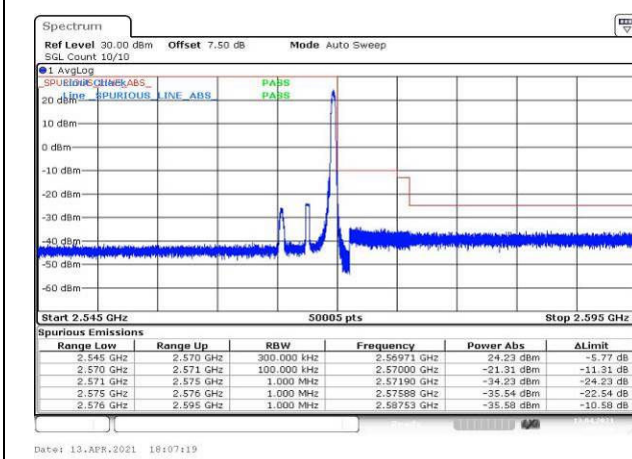


Fig.3

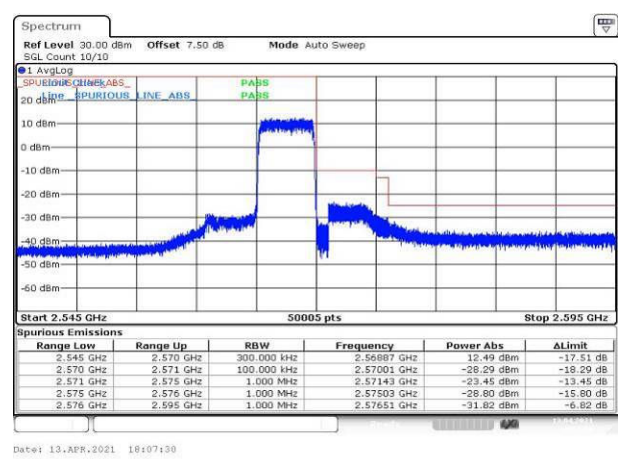


Fig.4

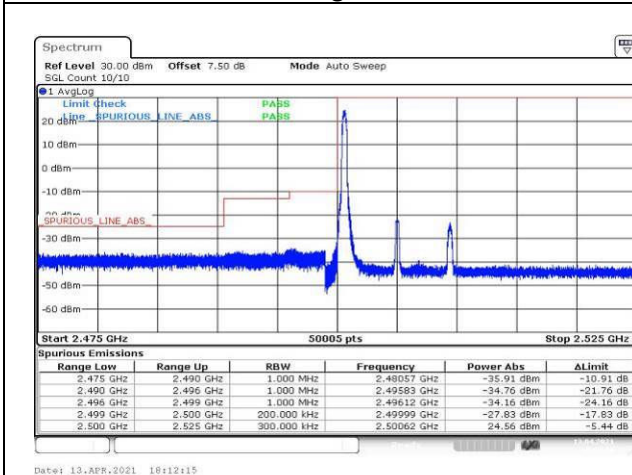


Fig.5

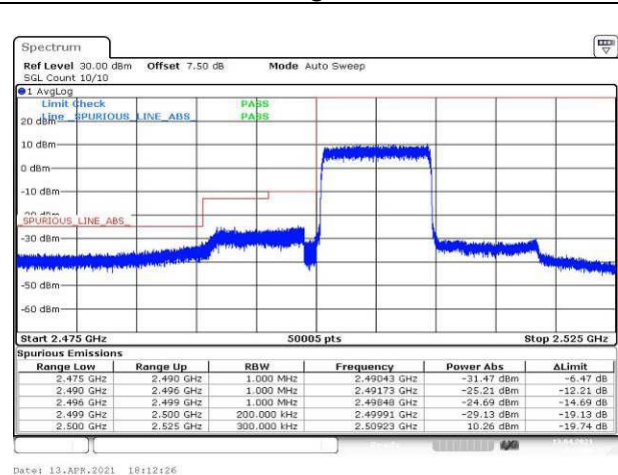


Fig.6

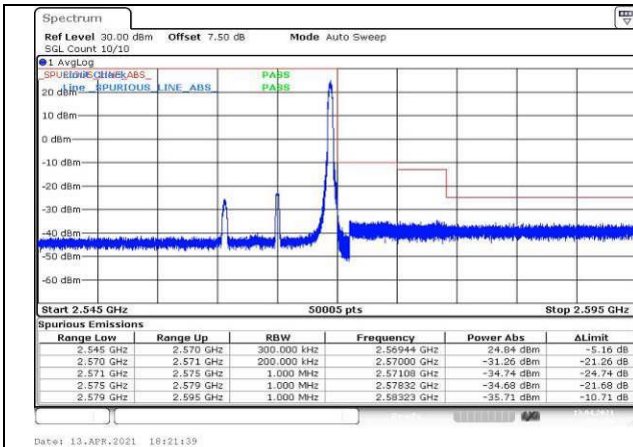


Fig.7

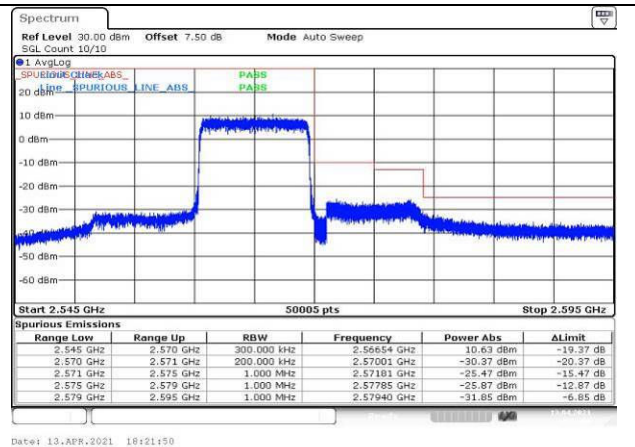


Fig.8

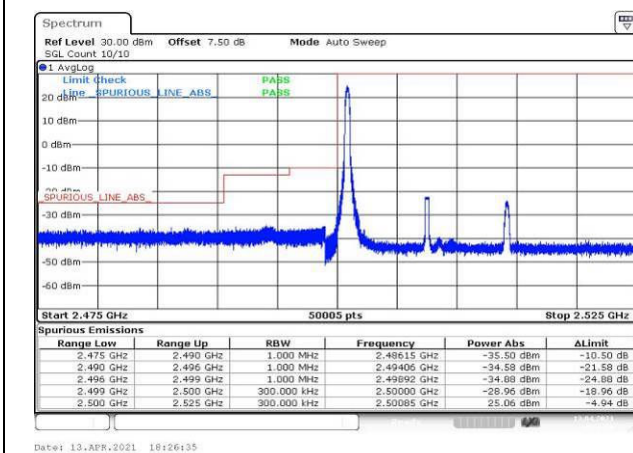


Fig.9

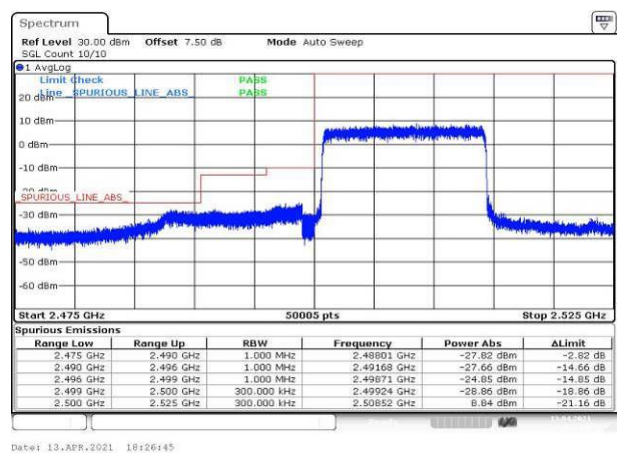


Fig.10

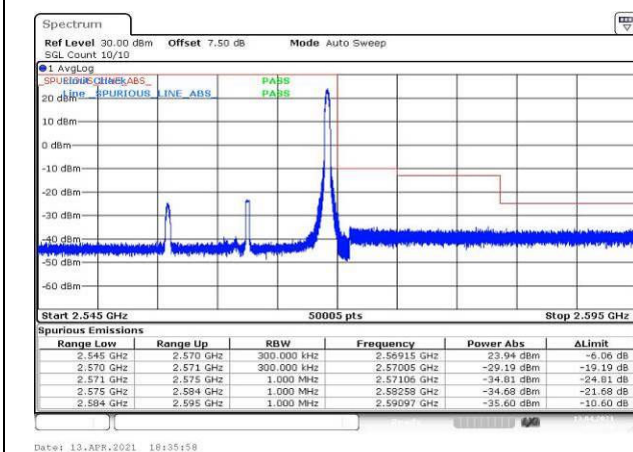


Fig.11

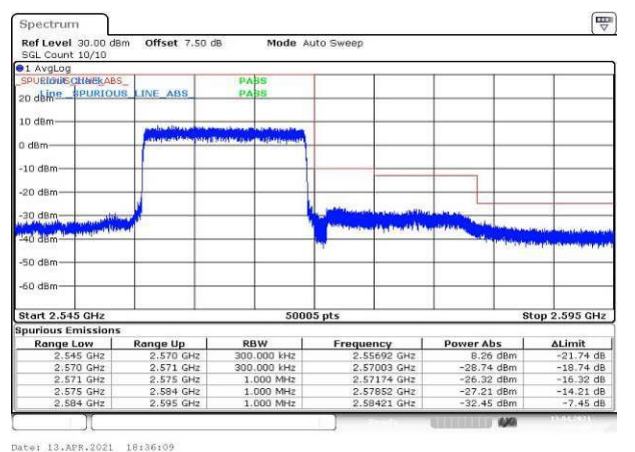


Fig.12

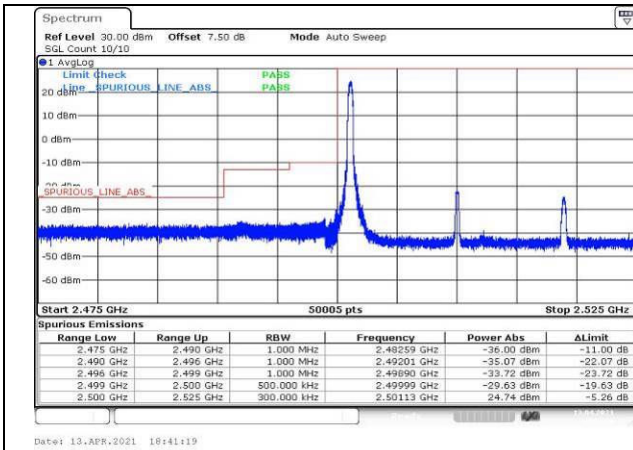


Fig.13

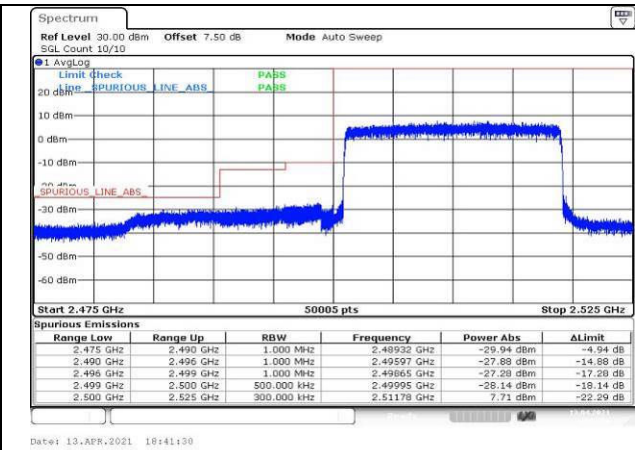


Fig.14

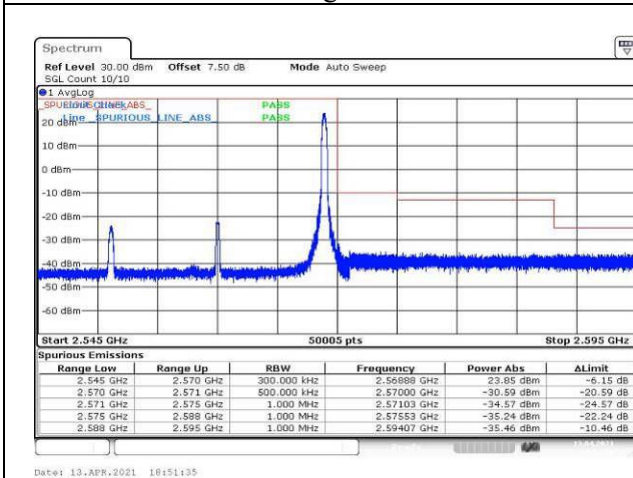


Fig.15

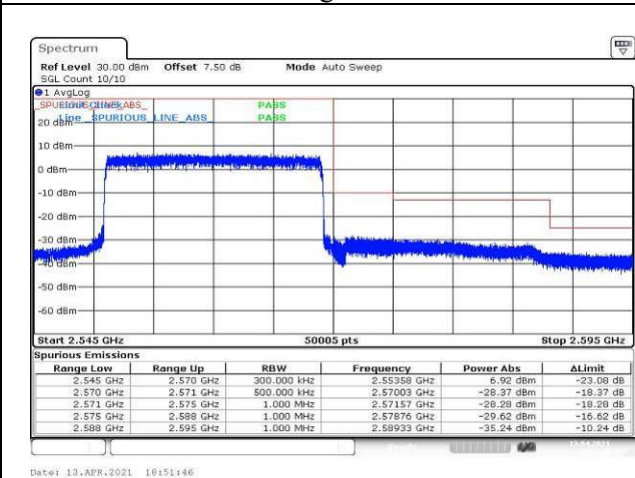


Fig.16

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band7 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-40	NV	---	---	0.005	-0.006	-0.005	-0.003
-30	NV	---	---	0.003	-0.003	-0.002	-0.005
-20	NV	---	---	0.004	0.001	0.003	0.002
-10	NV	---	---	0.003	0.000	0.003	-0.003
0	NV	---	---	0.002	0.003	-0.001	-0.001
+10	NV	---	---	0.003	0.002	0.003	0.003
+20	NV	---	---	0.000	0.000	0.000	0.000
+30	NV	---	---	-0.002	0.003	0.004	-0.001
+40	NV	---	---	0.005	0.004	0.001	0.002
+50	NV	---	---	0.002	0.006	0.002	-0.002
+55	NV	---	---	0.005	0.003	0.006	-0.002
+20	LV	---	---	0.003	0.003	0.003	0.004
+20	HV	---	---	0.000	0.003	0.003	0.001

Temperature(°C)	Voltage	Test Result (ppm) Band7 High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-40	NV	---	---	0.003	-0.002	0.001	-0.001
-30	NV	---	---	0.000	0.001	-0.003	-0.008
-20	NV	---	---	0.004	0.000	0.001	0.001
-10	NV	---	---	0.003	-0.002	-0.004	-0.002
0	NV	---	---	0.000	0.002	-0.002	0.001
+10	NV	---	---	0.004	-0.004	-0.003	0.003
+20	NV	---	---	0.003	-0.002	0.001	-0.001
+30	NV	---	---	-0.001	-0.003	-0.001	-0.001
+40	NV	---	---	0.004	0.003	0.003	-0.002
+50	NV	---	---	0.004	0.001	0.003	0.003
+55	NV	---	---	0.005	0.001	0.004	0.006
+20	LV	---	---	0.001	0.002	0.002	0.003
+20	HV	---	---	0.001	0.001	-0.005	0.003

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	2502.5	20775	5	1	0	23.89	29.89	0.975	
				1	12	23.91	29.91	0.979	
				1	24	23.93	29.93	0.984	
				12	0	22.95	28.95	0.785	
				12	7	22.94	28.94	0.783	
				12	13	22.96	28.96	0.787	
				25	0	22.99	28.99	0.793	
	2535	21100		1	0	24.16	30.16	1.038	
				1	12	24.07	30.07	1.016	
				1	24	24.06	30.06	1.014	
				12	0	23.18	29.18	0.828	
				12	7	23.17	29.17	0.826	
				12	13	23.20	29.20	0.832	
				25	0	23.18	29.18	0.828	
	2567.5	21425		1	0	23.82	29.82	0.959	
				1	12	23.64	29.64	0.920	
				1	24	23.70	29.70	0.933	
				12	0	22.71	28.71	0.743	
				12	7	22.75	28.75	0.750	
				12	13	22.75	28.75	0.750	
				25	0	22.73	28.73	0.746	
	16QAM	2502.5		20775	1	0	23.11	29.11	0.815
					1	12	23.06	29.06	0.805
					1	24	23.12	29.12	0.817
12					0	22.04	28.04	0.637	
12					7	22.02	28.02	0.634	
12					13	22.01	28.01	0.632	
25					0	22.06	28.06	0.640	
2535		21100		1	0	23.21	29.21	0.834	
				1	12	23.11	29.11	0.815	
				1	24	23.10	29.10	0.813	
				12	0	22.15	28.15	0.653	
				12	7	22.18	28.18	0.658	
				12	13	22.18	28.18	0.658	
				25	0	22.23	28.23	0.665	
2567.5		21425		1	0	23.06	29.06	0.805	
				1	12	22.98	28.98	0.791	
				1	24	22.99	28.99	0.793	
				12	0	21.85	27.85	0.610	
				12	7	21.79	27.79	0.601	
				12	13	21.80	27.80	0.603	
25	0	21.74		27.74	0.594				

Modulation	Carrier frequern cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	2502.5	20775	5	1	0	22.11	28.11	0.647
				1	12	22.12	28.12	0.649
				1	24	22.10	28.10	0.646
				12	0	22.10	28.10	0.646
				12	7	22.09	28.09	0.644
				12	13	22.09	28.09	0.644
				25	0	22.14	28.14	0.652
	2535	21100		1	0	22.23	28.23	0.665
				1	12	22.24	28.24	0.667
				1	24	22.23	28.23	0.665
				12	0	22.24	28.24	0.667
				12	7	22.24	28.24	0.667
				12	13	22.23	28.23	0.665
				25	0	22.23	28.23	0.665
	2567.5	21425		1	0	21.73	27.73	0.593
				1	12	21.74	27.74	0.594
				1	24	21.74	27.74	0.594
				12	0	21.74	27.74	0.594
				12	7	21.74	27.74	0.594
				12	13	21.74	27.74	0.594
				25	0	21.74	27.74	0.594

Modulation	Carrier frequern cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	2505	20800	10	1	0	24.07	30.07	1.016
				1	25	24.00	30.00	1.000
				1	49	23.99	29.99	0.998
				25	0	23.07	29.07	0.807
				25	12	23.08	29.08	0.809
				25	25	23.09	29.09	0.811
				50	0	23.08	29.08	0.809
	2535	21100		1	0	24.23	30.23	1.054
				1	25	24.09	30.09	1.021
				1	49	24.12	30.12	1.028
				25	0	23.14	29.14	0.820
				25	12	23.14	29.14	0.820
				25	25	23.13	29.13	0.818
				50	0	23.18	29.18	0.828
	2565	21400		1	0	23.95	29.95	0.989
				1	25	23.66	29.66	0.925
				1	49	23.65	29.65	0.923
				25	0	22.80	28.80	0.759
				25	12	22.71	28.71	0.743
				25	25	22.74	28.74	0.748
				50	0	22.77	28.77	0.753
16QAM	2505	20800		1	0	23.61	29.61	0.914
				1	25	23.60	29.60	0.912
				1	49	23.53	29.53	0.897
				25	0	22.17	28.17	0.656
				25	12	22.10	28.10	0.646
				25	25	22.10	28.10	0.646
				50	0	22.12	28.12	0.649
	2535	21100	1	0	23.42	29.42	0.875	
			1	25	23.24	29.24	0.839	
			1	49	23.25	29.25	0.841	
			25	0	22.27	28.27	0.671	
			25	12	22.15	28.15	0.653	
			25	25	22.15	28.15	0.653	
			50	0	22.22	28.22	0.664	
	2565	21400	1	0	23.05	29.05	0.804	
			1	25	22.84	28.84	0.766	
			1	49	22.85	28.85	0.767	
			25	0	21.90	27.90	0.617	
			25	12	21.83	27.83	0.607	
			25	25	21.84	27.84	0.608	
			50	0	21.81	27.81	0.604	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	2505	20800	10	1	0	22.04	28.04	0.637
				1	25	22.11	28.11	0.647
				1	49	22.08	28.08	0.643
				25	0	22.04	28.04	0.637
				25	12	22.03	28.03	0.635
				25	25	22.10	28.10	0.646
				50	0	22.07	28.07	0.641
	2535	21100		1	0	22.21	28.21	0.662
				1	25	22.21	28.21	0.662
				1	49	22.22	28.22	0.664
				25	0	22.22	28.22	0.664
				25	12	22.21	28.21	0.662
				25	25	22.22	28.22	0.664
				50	0	22.21	28.21	0.662
	2565	21400		1	0	21.78	27.78	0.600
				1	25	21.79	27.79	0.601
				1	49	21.82	27.82	0.605
				25	0	21.79	27.79	0.601
				25	12	21.82	27.82	0.605
				25	25	21.80	27.80	0.603
				50	0	21.83	27.83	0.607

Modulation	Carrier frequen cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	2507.5	20825	15	1	0	24.12	30.12	1.028
				1	37	24.02	30.02	1.005
				1	74	24.01	30.01	1.002
				36	0	23.12	29.12	0.817
				36	29	23.05	29.05	0.804
				36	30	23.05	29.05	0.804
				75	0	23.08	29.08	0.809
	2535	21100		1	0	24.34	30.34	1.081
				1	37	24.01	30.01	1.002
				1	74	24.03	30.03	1.007
				36	0	23.20	29.20	0.832
				36	29	23.19	29.19	0.830
				36	30	23.18	29.18	0.828
				75	0	23.20	29.20	0.832
	2562.5	21375		1	0	24.02	30.02	1.005
				1	37	23.69	29.69	0.931
				1	74	23.68	29.68	0.929
				36	0	22.94	28.94	0.783
				36	29	22.74	28.74	0.748
				36	30	22.74	28.74	0.748
				75	0	22.73	28.73	0.746
16QAM	2507.5	20825		1	0	23.70	29.70	0.933
				1	37	23.59	29.59	0.910
				1	74	23.56	29.56	0.904
				36	0	22.15	28.15	0.653
				36	29	22.04	28.04	0.637
				36	30	22.05	28.05	0.638
				75	0	22.07	28.07	0.641
	2535	21100		1	0	23.39	29.39	0.869
				1	37	23.14	29.14	0.820
				1	74	23.15	29.15	0.822
				36	0	22.26	28.26	0.670
				36	29	22.19	28.19	0.659
				36	30	22.20	28.20	0.661
				75	0	22.23	28.23	0.665
	2562.5	21375		1	0	23.51	29.51	0.893
				1	37	23.18	29.18	0.828
				1	74	23.20	29.20	0.832
				36	0	21.94	27.94	0.622
				36	29	21.73	27.73	0.593
				36	30	21.73	27.73	0.593
				75	0	21.73	27.73	0.593

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	2507.5	20825	15	1	0	22.13	28.13	0.650
				1	37	22.07	28.07	0.641
				1	74	22.13	28.13	0.650
				36	0	22.06	28.06	0.640
				36	29	22.07	28.07	0.641
				36	30	22.07	28.07	0.641
				75	0	22.06	28.06	0.640
	2535	21100		1	0	22.23	28.23	0.665
				1	37	22.23	28.23	0.665
				1	74	22.23	28.23	0.665
				36	0	22.23	28.23	0.665
				36	29	22.23	28.23	0.665
				36	30	22.23	28.23	0.665
				75	0	22.23	28.23	0.665
	2562.5	21375		1	0	21.74	27.74	0.594
				1	37	21.74	27.74	0.594
				1	74	21.74	27.74	0.594
				36	0	21.74	27.74	0.594
				36	29	21.75	27.75	0.596
				36	30	21.75	27.75	0.596
				75	0	21.74	27.74	0.594

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	2510	20850	20	1	0	24.16	30.16	1.038
				1	49	24.03	30.03	1.007
				1	99	24.02	30.02	1.005
				50	0	23.20	29.20	0.832
				50	24	23.02	29.02	0.798
				50	50	23.03	29.03	0.800
				100	0	23.11	29.11	0.815
	2535	21100		1	0	24.34	30.34	1.081
				1	49	24.06	30.06	1.014
				1	99	24.05	30.05	1.012
				50	0	23.23	29.23	0.838
				50	24	23.14	29.14	0.820
				50	50	23.14	29.14	0.820
				100	0	23.21	29.21	0.834
	2560	21350		1	0	24.11	30.11	1.026
				1	49	23.70	29.70	0.933
				1	99	23.69	29.69	0.931
				50	0	23.08	29.08	0.809
				50	24	22.76	28.76	0.752
				50	50	22.76	28.76	0.752
				100	0	22.98	28.98	0.791
16QAM	2510	20850	1	0	23.45	29.45	0.881	
			1	49	23.29	29.29	0.849	
			1	99	23.26	29.26	0.843	
			50	0	22.16	28.16	0.655	
			50	24	22.08	28.08	0.643	
			50	50	22.08	28.08	0.643	
			100	0	22.07	28.07	0.641	
	2535	21100	1	0	23.55	29.55	0.902	
			1	49	23.25	29.25	0.841	
			1	99	23.32	29.32	0.855	
			50	0	22.23	28.23	0.665	
			50	24	22.12	28.12	0.649	
			50	50	22.13	28.13	0.650	
			100	0	22.25	28.25	0.668	
	2560	21350	1	0	23.67	29.67	0.927	
			1	49	23.29	29.29	0.849	
			1	99	23.29	29.29	0.849	
			50	0	22.02	28.02	0.634	
			50	24	21.78	27.78	0.600	
			50	50	21.78	27.78	0.600	
			100	0	22.01	28.01	0.632	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	2510	20850	20	1	0	22.10	28.10	0.646
				1	49	22.16	28.16	0.655
				1	99	22.06	28.06	0.640
				50	0	22.10	28.10	0.646
				50	24	22.06	28.06	0.640
				50	50	22.07	28.07	0.641
				100	0	22.06	28.06	0.640
	2535	21100		1	0	22.25	28.25	0.668
				1	49	22.26	28.26	0.670
				1	99	22.26	28.26	0.670
				50	0	22.26	28.26	0.670
				50	24	22.26	28.26	0.670
				50	50	22.26	28.26	0.670
				100	0	22.26	28.26	0.670
	2560	21350		1	0	21.93	27.93	0.621
				1	49	21.91	27.91	0.618
				1	99	21.91	27.91	0.618
				50	0	21.98	27.98	0.628
				50	24	21.99	27.99	0.630
				50	50	21.96	27.96	0.625
				100	0	21.93	27.93	0.621