

Fig.67

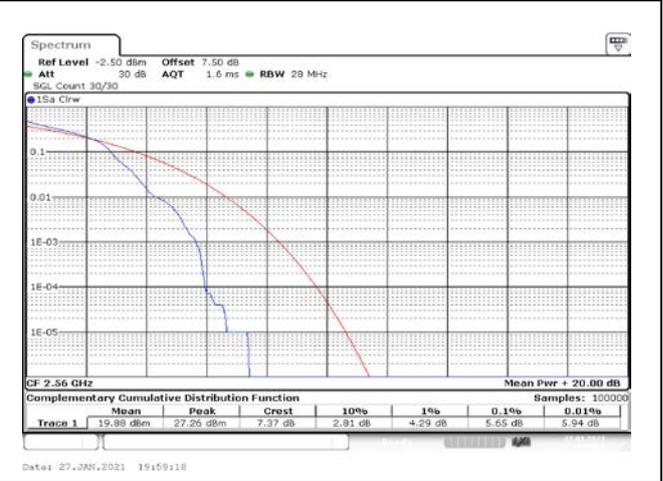


Fig.68



Fig.69

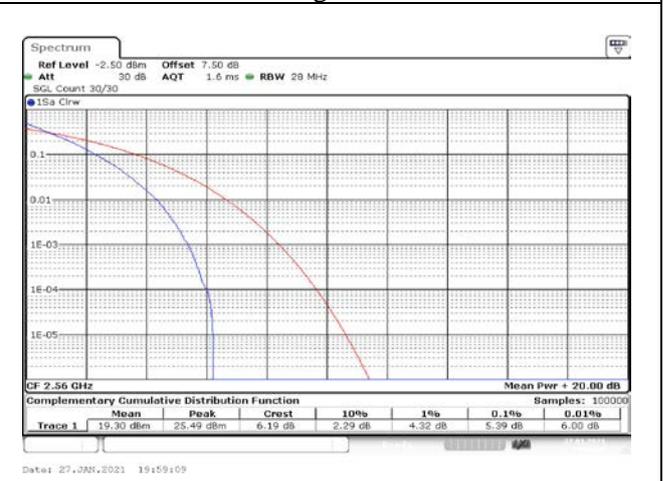


Fig.70

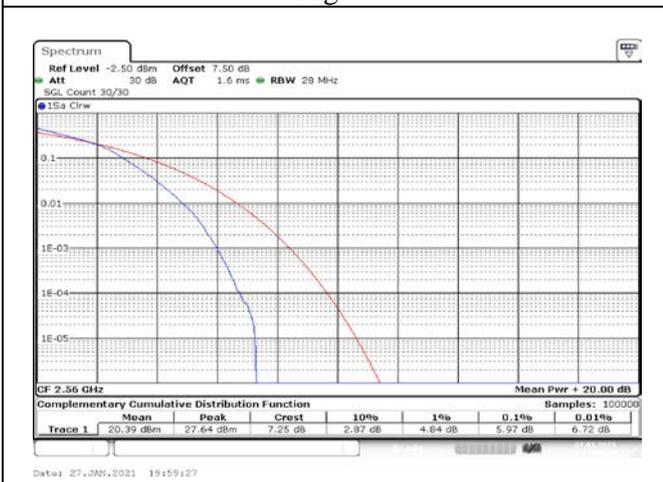


Fig.71

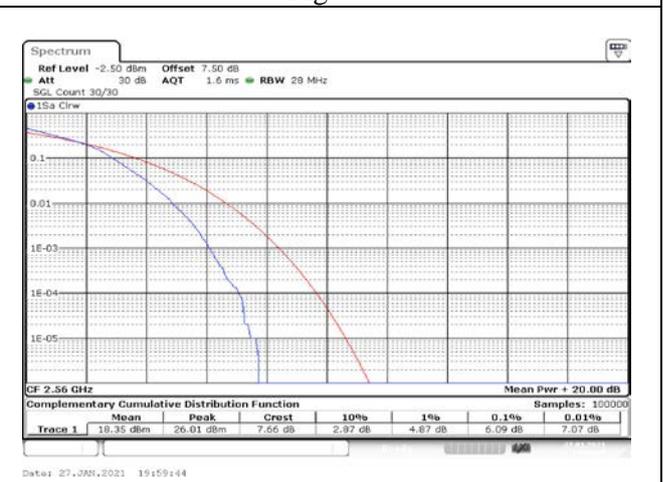


Fig.72

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

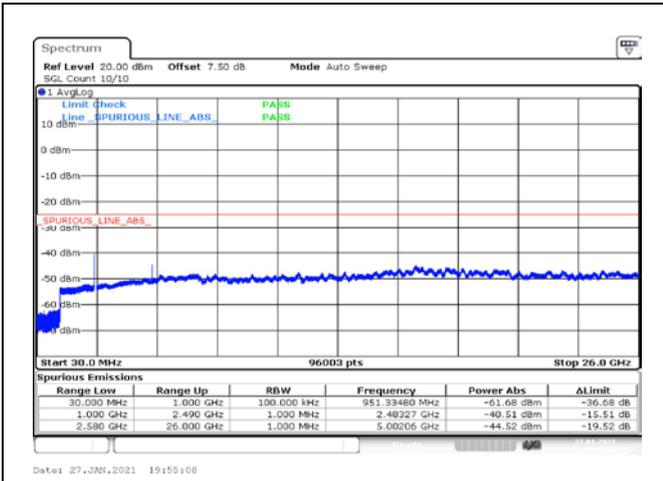


Fig.1

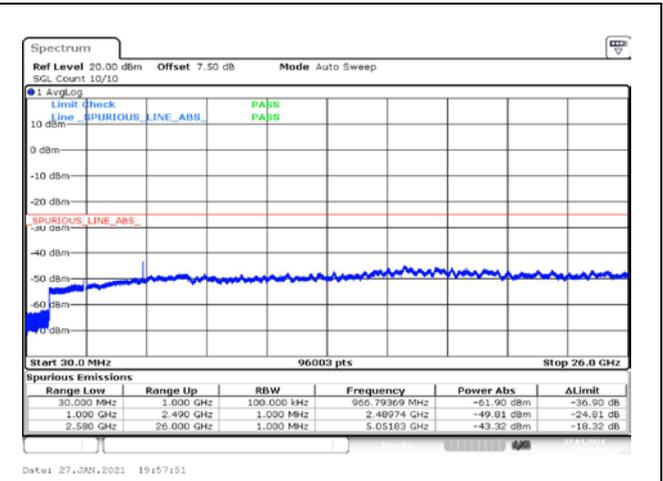


Fig.2

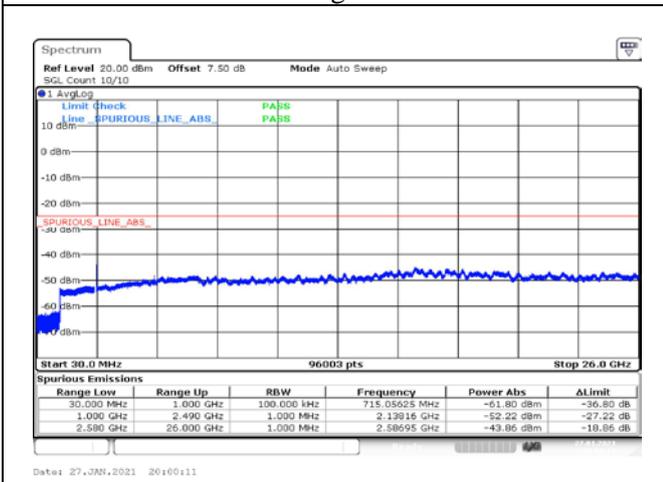


Fig.3

6 Band Edges Compliance

Band	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

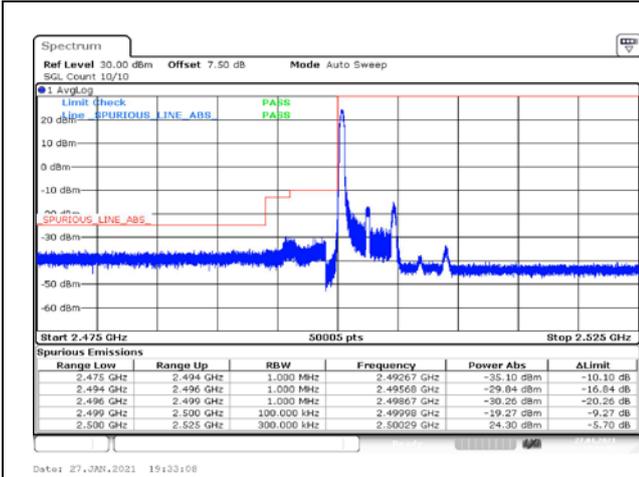


Fig.1

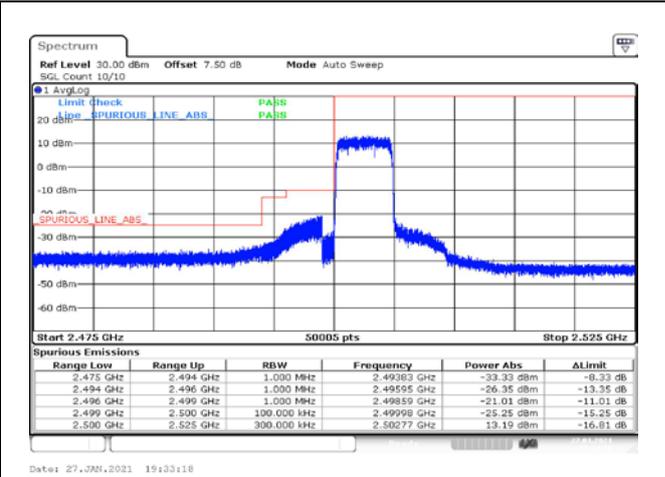


Fig.2

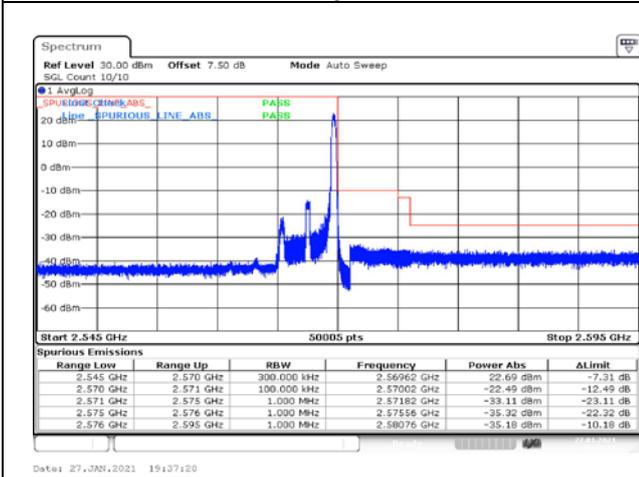


Fig.3

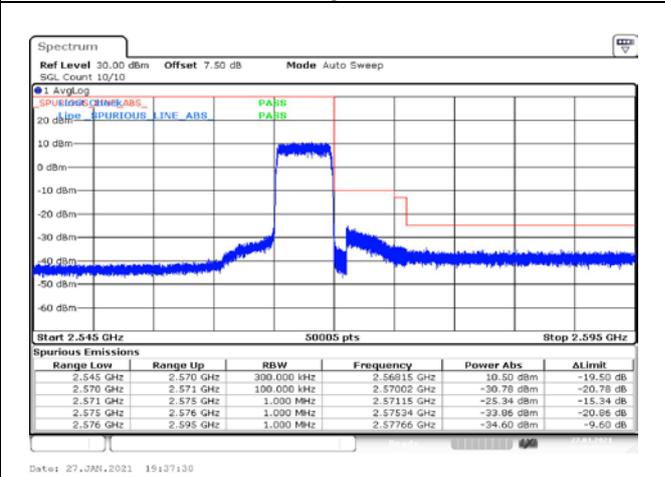


Fig.4

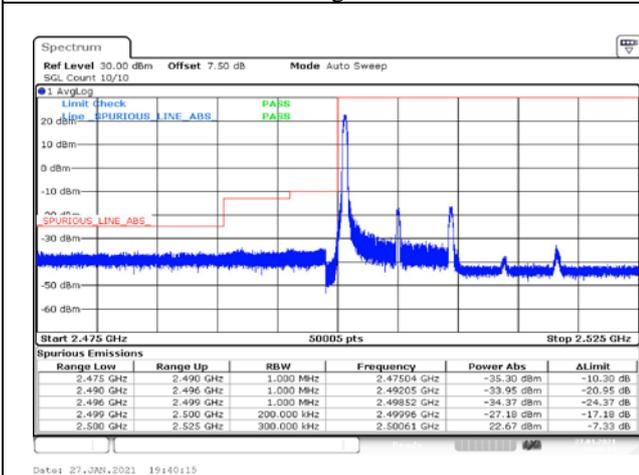


Fig.5

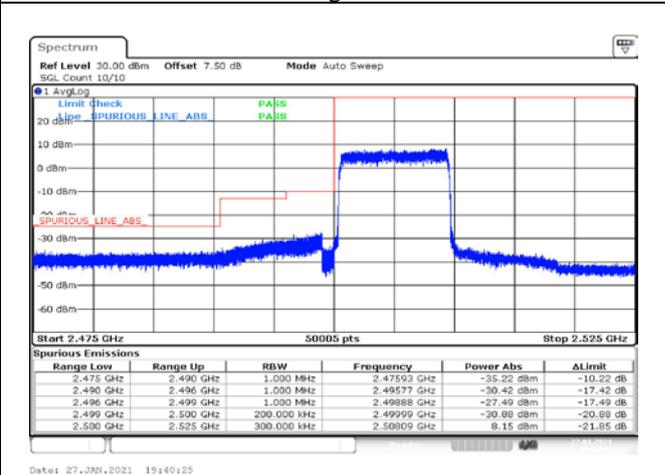


Fig.6

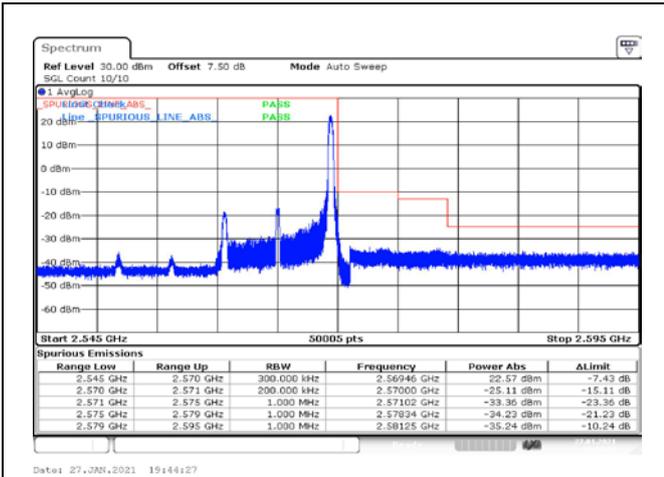


Fig.7

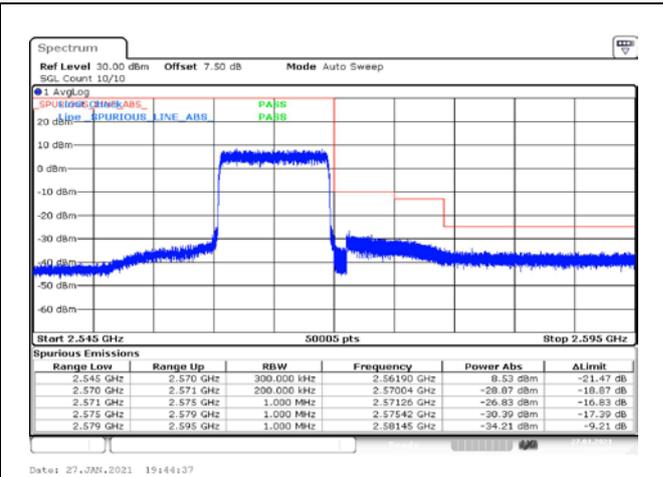


Fig.8

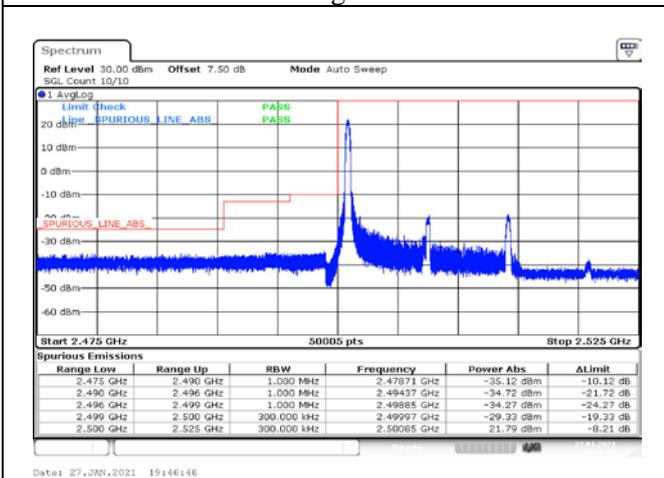


Fig.9

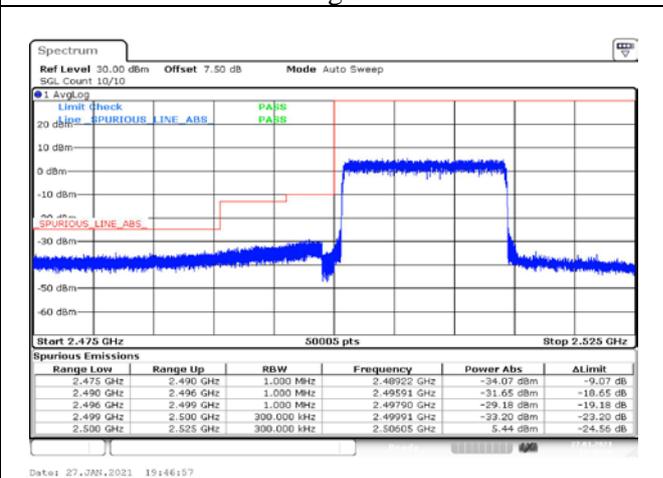


Fig.10

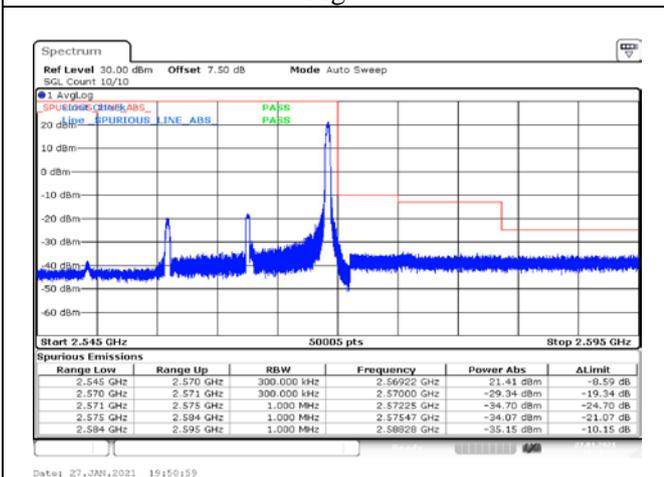


Fig.11

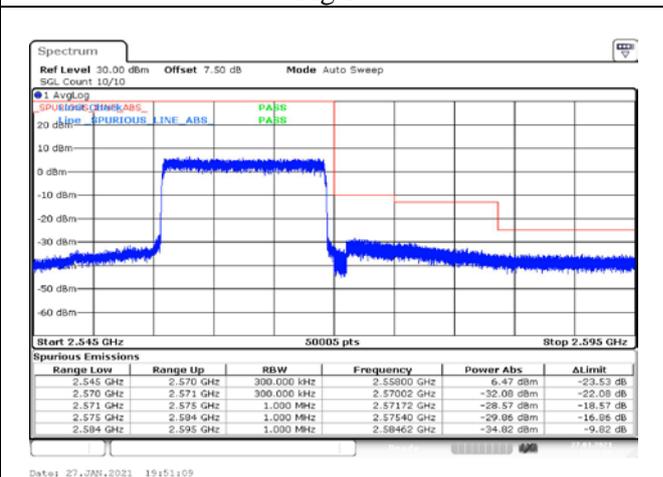


Fig.12

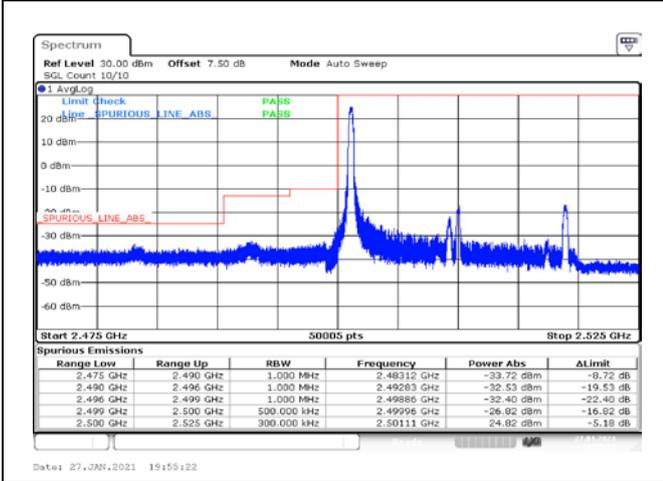


Fig.13

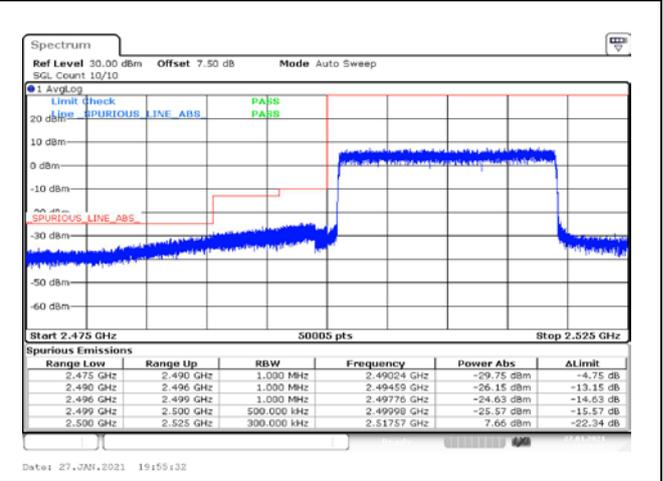


Fig.14

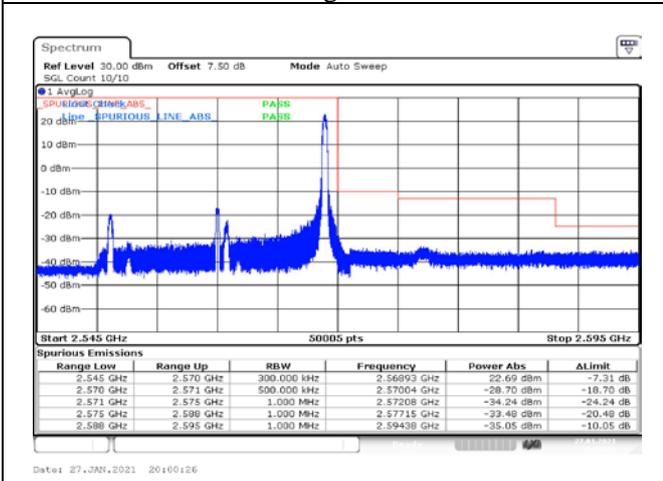


Fig.15

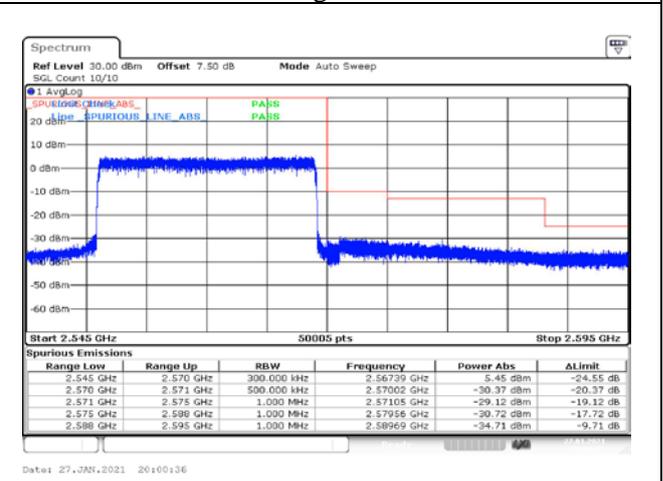


Fig.16

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band7 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	---	---	-0.006	-0.003	-0.012	-0.003
0	NV	---	---	-0.008	-0.001	0.003	-0.007
+10	NV	---	---	0.001	0.005	0.009	0.011
+20	NV	---	---	0.000	0.000	0.000	0.000
+30	NV	---	---	-0.001	-0.013	-0.007	-0.007
+40	NV	---	---	-0.011	0.008	-0.002	-0.013
+50	NV	---	---	0.002	-0.001	0.006	0.008
+55	NV	---	---	0.003	0.002	-0.004	0.002
+20	LV	---	---	0.001	-0.017	0.003	-0.012
+20	HV	---	---	-0.011	-0.002	-0.009	0.000

Temperature(°C)	Voltage	Test Result (ppm) Band7 High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	---	---	0.012	-0.012	-0.003	-0.007
0	NV	---	---	0.009	0.016	0.013	-0.009
+10	NV	---	---	0.018	0.005	0.000	-0.001
+20	NV	---	---	0.000	0.000	0.000	0.000
+30	NV	---	---	-0.002	-0.002	0.017	-0.009
+40	NV	---	---	0.005	0.012	0.000	0.007
+50	NV	---	---	-0.002	-0.006	-0.020	0.011
+55	NV	---	---	0.009	-0.003	0.006	0.003
+20	LV	---	---	0.011	0.010	0.007	0.004
+20	HV	---	---	-0.001	0.007	-0.003	-0.006

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	2502.5	20775	5	1	0	23.96	25.69	0.371	
				1	12	24.00	25.73	0.374	
				1	24	24.00	25.73	0.374	
				12	0	22.92	24.65	0.292	
				12	7	23.02	24.75	0.299	
				12	13	23.00	24.73	0.297	
				25	0	22.92	24.65	0.292	
	2535	21100		1	0	24.14	25.87	0.386	
				1	12	24.05	25.78	0.378	
				1	24	24.20	25.93	0.392	
				12	0	23.03	24.76	0.299	
				12	7	23.17	24.90	0.309	
				12	13	23.17	24.90	0.309	
				25	0	23.20	24.93	0.311	
	2567.5	21425		1	0	24.04	25.77	0.378	
				1	12	23.94	25.67	0.369	
				1	24	24.03	25.76	0.377	
				12	0	23.19	24.92	0.310	
				12	7	23.09	24.82	0.303	
				12	13	23.09	24.82	0.303	
				25	0	23.13	24.86	0.306	
	16QAM	2502.5		20775	1	0	22.62	24.35	0.272
					1	12	22.64	24.37	0.274
					1	24	22.73	24.46	0.279
12			0		22.13	23.86	0.243		
12			7		22.06	23.79	0.239		
12			13		22.09	23.82	0.241		
25			0		22.27	24.00	0.251		
2535		21100	1	0	23.22	24.95	0.313		
			1	12	22.89	24.62	0.290		
			1	24	22.89	24.62	0.290		
			12	0	22.04	23.77	0.238		
			12	7	22.13	23.86	0.243		
			12	13	22.03	23.76	0.238		
			25	0	22.24	23.97	0.249		
2567.5		21425	1	0	22.77	24.50	0.282		
			1	12	22.75	24.48	0.281		
			1	24	22.75	24.48	0.281		
			12	0	22.17	23.90	0.245		
			12	7	22.10	23.83	0.242		
			12	13	22.07	23.80	0.240		
			25	0	22.05	23.78	0.239		

Modulation	Carrier frequency (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	22.22	23.95	0.248
				1	12	22.34	24.07	0.255
				1	24	22.24	23.97	0.249
				12	0	21.23	22.96	0.198
				12	7	21.22	22.95	0.197
				12	13	21.32	23.05	0.202
				25	0	21.21	22.94	0.197
	2535	21100		1	0	22.23	23.96	0.249
				1	12	22.27	24.00	0.251
				1	24	22.20	23.93	0.247
				12	0	21.23	22.96	0.198
				12	7	21.22	22.95	0.197
				12	13	21.31	23.04	0.201
				25	0	21.22	22.95	0.197
	2567.5	21425		1	0	22.04	23.77	0.238
				1	12	22.06	23.79	0.239
				1	24	22.14	23.87	0.244
				12	0	21.15	22.88	0.194
				12	7	21.10	22.83	0.192
				12	13	21.04	22.77	0.189
				25	0	21.07	22.80	0.191

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	2505	20800	10	1	0	23.95	25.68	0.370
				1	25	23.86	25.59	0.362
				1	49	23.85	25.58	0.361
				25	0	23.05	24.78	0.301
				25	12	23.06	24.79	0.301
				25	25	23.06	24.79	0.301
	50	0		23.06	24.79	0.301		
	1	0		24.09	25.82	0.382		
	1	25		24.17	25.90	0.389		
	1	49		24.15	25.88	0.387		
	25	0		23.23	24.96	0.313		
	25	12		23.05	24.78	0.301		
	25	25		23.13	24.86	0.306		
	50	0		23.05	24.78	0.301		
	1	0		24.23	25.96	0.394		
	1	25		24.21	25.94	0.393		
	1	49		24.21	25.94	0.393		
	25	0		23.19	24.92	0.310		
25	12	23.20	24.93	0.311				
25	25	23.19	24.92	0.310				
50	0	23.19	24.92	0.310				
16QAM	2505	20800	10	1	0	23.41	25.14	0.327
				1	25	23.44	25.17	0.329
				1	49	23.36	25.09	0.323
				25	0	22.10	23.83	0.242
				25	12	22.05	23.78	0.239
				25	25	22.05	23.78	0.239
	50	0		22.09	23.82	0.241		
	1	0		22.94	24.67	0.293		
	1	25		23.01	24.74	0.298		
	1	49		22.94	24.67	0.293		
	25	0		22.25	23.98	0.250		
	25	12		22.30	24.03	0.253		
	25	25		22.30	24.03	0.253		
	50	0		22.33	24.06	0.255		
	1	0		22.75	24.48	0.281		
	1	25		22.68	24.41	0.276		
	1	49		22.72	24.45	0.279		
	25	0		22.34	24.07	0.255		
25	12	22.34	24.07	0.255				
25	25	22.34	24.07	0.255				
50	0	22.27	24.00	0.251				

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	22.09	23.82	0.241	
				1	25	22.09	23.82	0.241	
				1	49	22.09	23.82	0.241	
				25	0	21.33	23.06	0.202	
				25	12	21.31	23.04	0.201	
				25	25	21.28	23.01	0.200	
	2535	21100		50	0	21.22	22.95	0.197	
				1	0	22.33	24.06	0.255	
				1	25	22.33	24.06	0.255	
				1	49	22.33	24.06	0.255	
				25	0	21.39	23.12	0.205	
				25	12	21.35	23.08	0.203	
	2565	21400		25	25	21.37	23.10	0.204	
				50	0	21.31	23.04	0.201	
				1	0	22.27	24.00	0.251	
				1	25	22.28	24.01	0.252	
				1	49	22.27	24.00	0.251	
				25	0	21.36	23.09	0.204	
					25	12	21.31	23.04	0.201
					25	25	21.29	23.02	0.200
					50	0	21.28	23.01	0.200

Modulation	Carrier frequency (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	23.87	25.60	0.363
				1	37	23.60	25.33	0.341
				1	74	23.98	25.71	0.372
				36	0	23.06	24.79	0.301
				36	29	22.98	24.71	0.296
				36	30	22.78	24.51	0.282
				75	0	23.08	24.81	0.303
	2535	21100		1	0	24.13	25.86	0.385
				1	37	24.19	25.92	0.391
				1	74	24.18	25.91	0.390
				36	0	23.04	24.77	0.300
				36	29	23.12	24.85	0.305
				36	30	23.12	24.85	0.305
				75	0	23.06	24.79	0.301
	2562.5	21375		1	0	24.24	25.97	0.395
				1	37	24.04	25.77	0.378
				1	74	24.02	25.75	0.376
				36	0	23.18	24.91	0.310
				36	29	23.04	24.77	0.300
				36	30	23.11	24.84	0.305
				75	0	23.08	24.81	0.303
16QAM	2507.5	20825	1	0	23.36	25.09	0.323	
			1	37	23.30	25.03	0.318	
			1	74	23.31	25.04	0.319	
			36	0	21.84	23.57	0.228	
			36	29	21.91	23.64	0.231	
			36	30	22.15	23.88	0.244	
			75	0	22.12	23.85	0.243	
	2535	21100	1	0	23.15	24.88	0.308	
			1	37	23.07	24.80	0.302	
			1	74	22.97	24.70	0.295	
			36	0	22.35	24.08	0.256	
			36	29	22.36	24.09	0.256	
			36	30	22.14	23.87	0.244	
			75	0	22.24	23.97	0.249	
	2562.5	21375	1	0	23.00	24.73	0.297	
			1	37	23.31	25.04	0.319	
			1	74	23.37	25.10	0.324	
			36	0	22.34	24.07	0.255	
			36	29	22.28	24.01	0.252	
			36	30	22.35	24.08	0.256	
			75	0	22.24	23.97	0.249	

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	22.21	23.94	0.248
				1	37	22.18	23.91	0.246
				1	74	22.11	23.84	0.242
				36	0	21.14	22.87	0.194
				36	29	21.12	22.85	0.193
				36	30	21.16	22.89	0.195
				75	0	21.10	22.83	0.192
	2535	21100		1	0	22.24	23.97	0.249
				1	37	22.25	23.98	0.250
				1	74	22.24	23.97	0.249
				36	0	21.26	22.99	0.199
				36	29	21.24	22.97	0.198
				36	30	21.61	23.34	0.216
				75	0	21.23	22.96	0.198
	2562.5	21375		1	0	22.23	23.96	0.249
				1	37	22.27	24.00	0.251
				1	74	22.18	23.91	0.246
				36	0	21.59	23.32	0.215
				36	29	21.53	23.26	0.212
				36	30	21.56	23.29	0.213
				75	0	21.61	23.34	0.216

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	24.03	25.76	0.377
				1	49	24.02	25.75	0.376
				1	99	24.06	25.79	0.379
				50	0	23.05	24.78	0.301
				50	24	22.78	24.51	0.282
				50	50	22.96	24.69	0.294
	100	0		22.90	24.63	0.290		
	1	0		24.20	25.93	0.392		
	1	49		24.28	26.01	0.399		
	1	99		24.27	26.00	0.398		
	50	0		23.03	24.76	0.299		
	50	24		23.13	24.86	0.306		
	50	50		23.13	24.86	0.306		
	100	0		23.05	24.78	0.301		
	1	0		24.16	25.89	0.388		
	1	49		24.02	25.75	0.376		
	1	99		24.16	25.89	0.388		
	50	0		23.12	24.85	0.305		
50	24	23.11	24.84	0.305				
50	50	23.17	24.90	0.309				
100	0	23.20	24.93	0.311				
16QAM	2510	20850	1	0	22.89	24.62	0.290	
			1	49	22.83	24.56	0.286	
			1	99	22.68	24.41	0.276	
			50	0	22.15	23.88	0.244	
			50	24	22.19	23.92	0.247	
			50	50	22.18	23.91	0.246	
	100	0	22.14	23.87	0.244			
	1	0	23.40	25.13	0.326			
	1	49	23.46	25.19	0.330			
	1	99	23.39	25.12	0.325			
	50	0	22.25	23.98	0.250			
	50	24	22.25	23.98	0.250			
	50	50	22.25	23.98	0.250			
	100	0	22.19	23.92	0.247			
	1	0	22.89	24.62	0.290			
	1	49	22.84	24.57	0.286			
	1	99	22.66	24.39	0.275			
	50	0	22.22	23.95	0.248			
50	24	22.19	23.92	0.247				
50	50	22.19	23.92	0.247				
100	0	22.33	24.06	0.255				

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	22.12	23.85	0.243
				1	49	22.11	23.84	0.242
				1	99	22.17	23.90	0.245
				50	0	21.10	22.83	0.192
				50	24	21.04	22.77	0.189
				50	50	21.02	22.75	0.188
	100	0		20.99	22.72	0.187		
	2535	21100		1	0	22.19	23.92	0.247
				1	49	22.14	23.87	0.244
				1	99	22.12	23.85	0.243
				50	0	21.15	22.88	0.194
				50	24	21.12	22.85	0.193
				50	50	21.21	22.94	0.197
	100	0		21.19	22.92	0.196		
	2560	21350		1	0	22.32	24.05	0.254
				1	49	22.35	24.08	0.256
				1	99	22.19	23.92	0.247
				50	0	21.34	23.07	0.203
				50	24	21.37	23.10	0.204
				50	50	21.32	23.05	0.202
	100	0		21.30	23.03	0.201		