

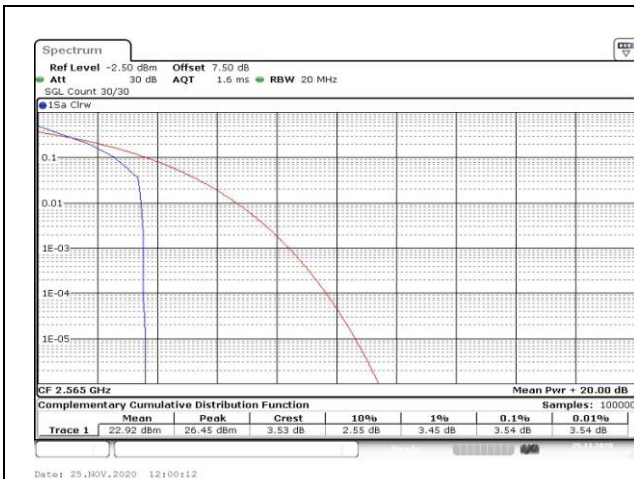


Fig.31

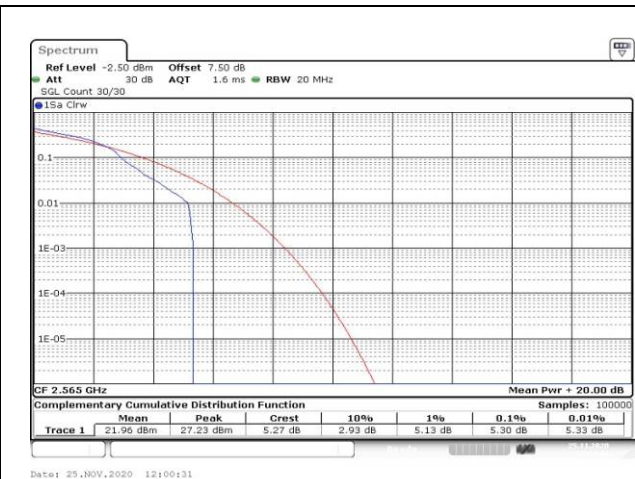


Fig.32



Fig.33

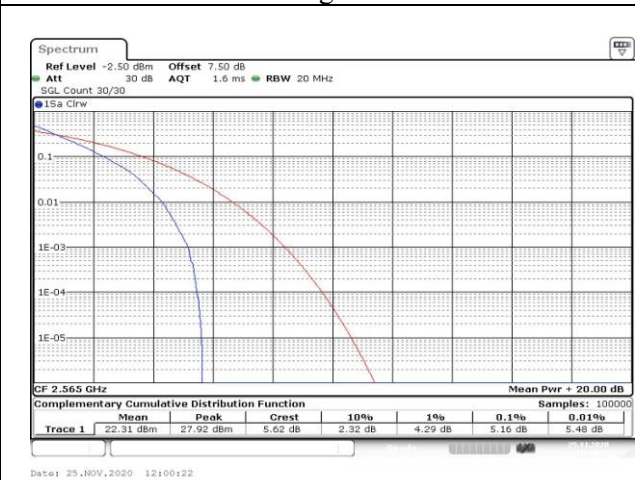


Fig.34

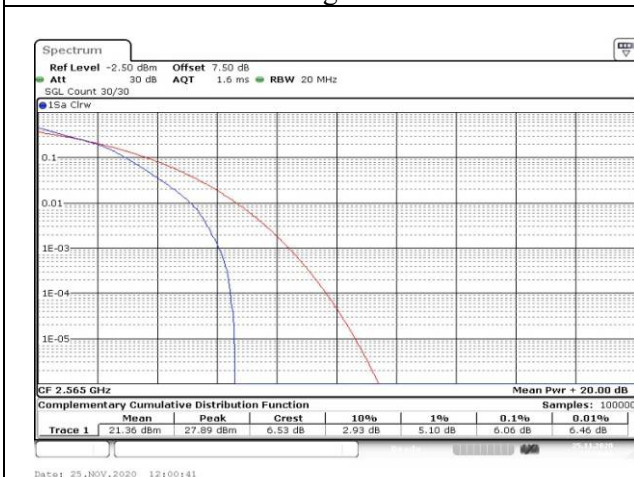


Fig.35

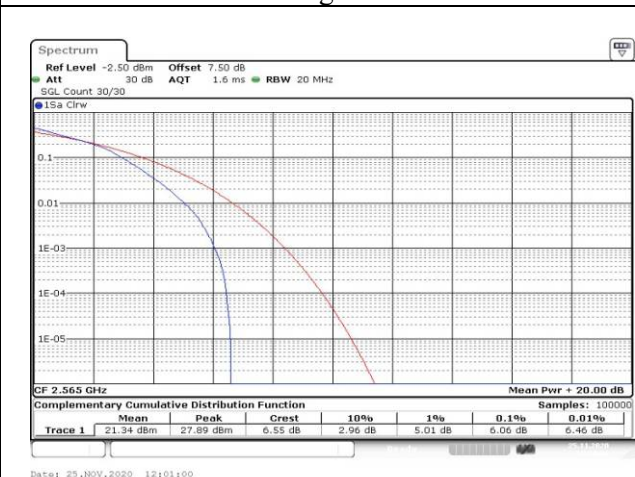


Fig.36

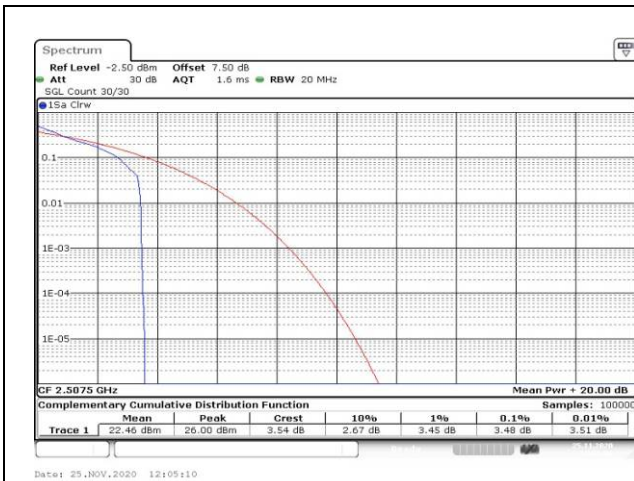


Fig.37

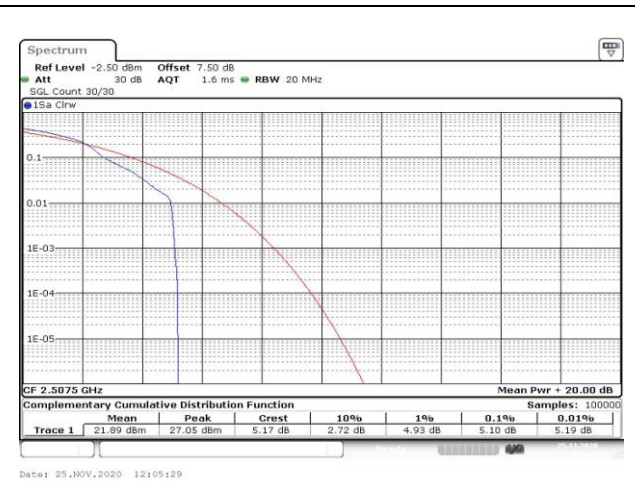


Fig.38



Fig.39

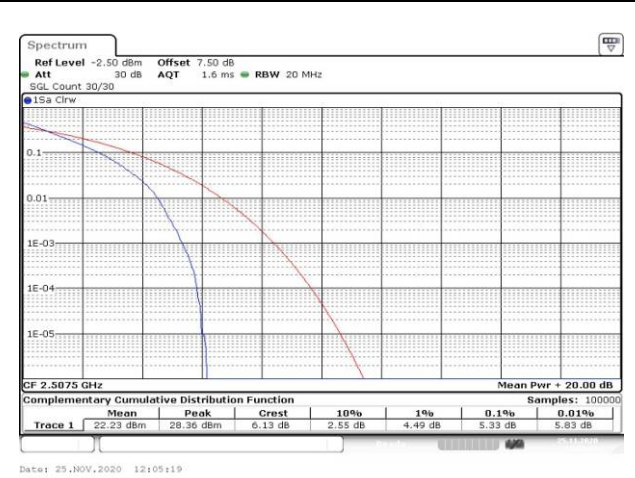


Fig.40

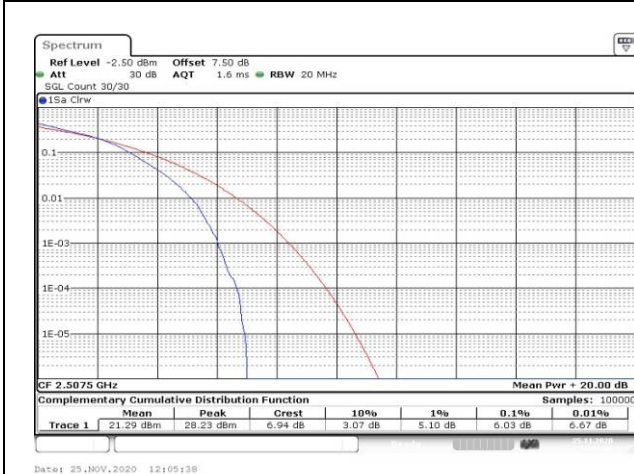


Fig.41

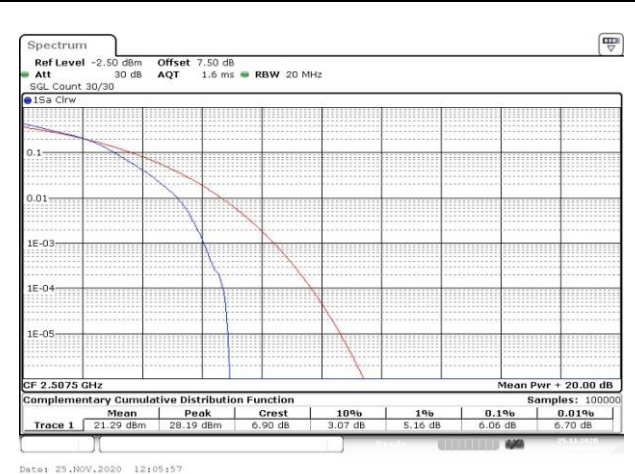


Fig.42

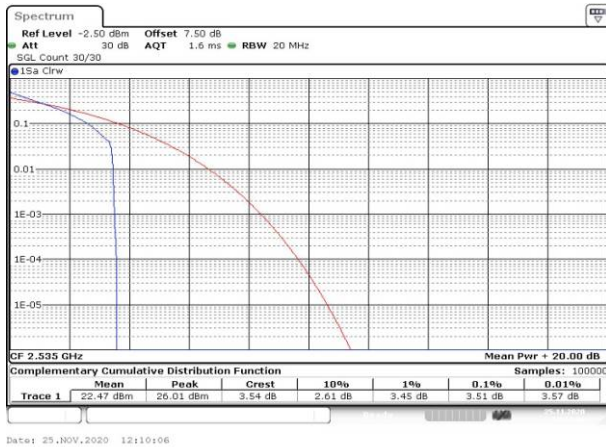


Fig.43

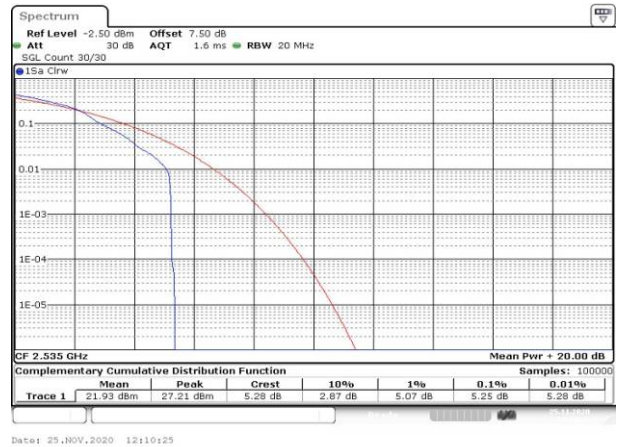


Fig.44

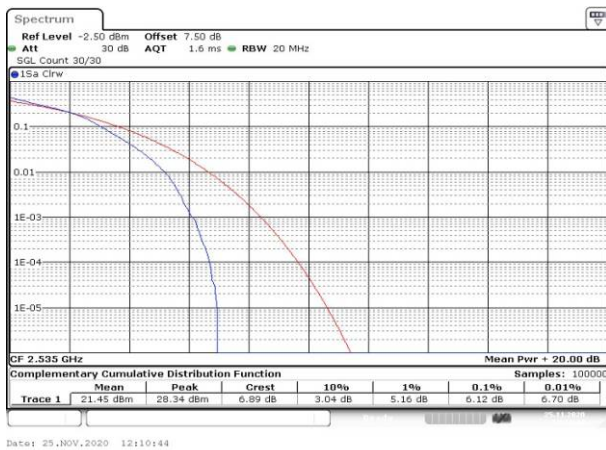


Fig.45

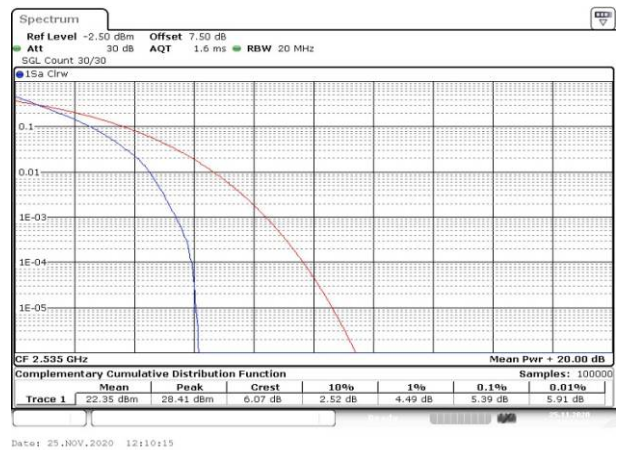


Fig.46

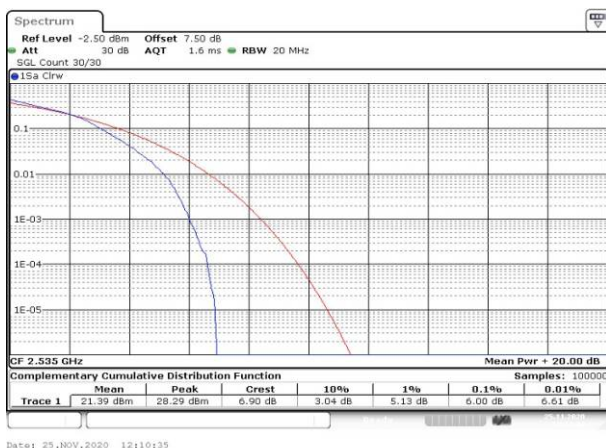


Fig.47

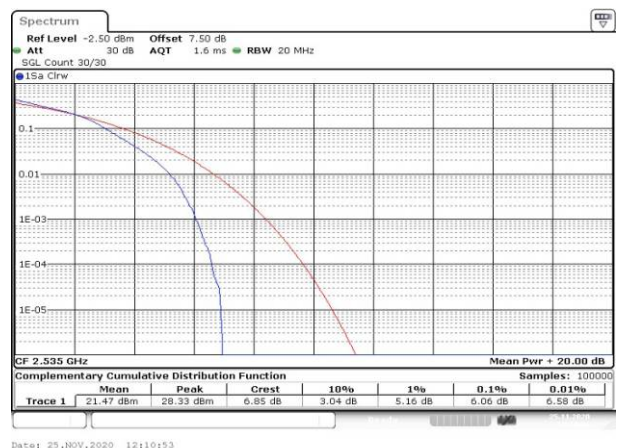


Fig.48

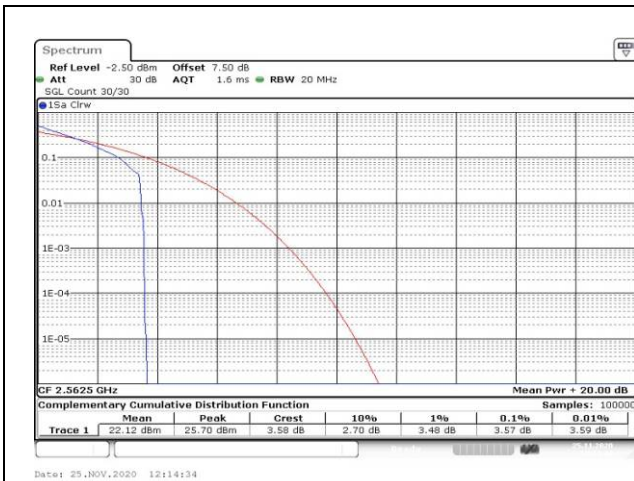


Fig.49

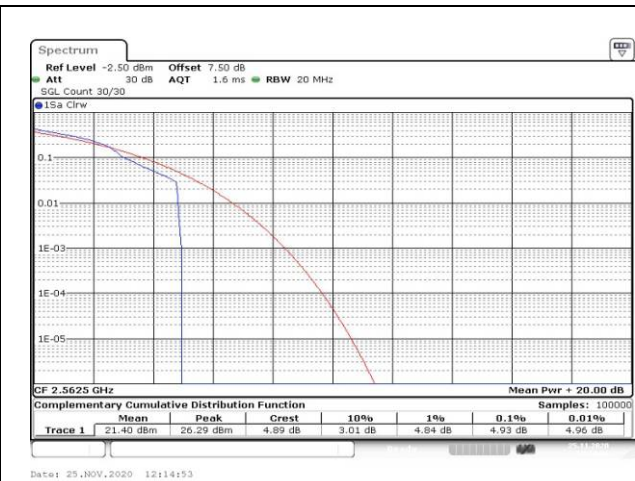


Fig.50



Fig.51



Fig.52

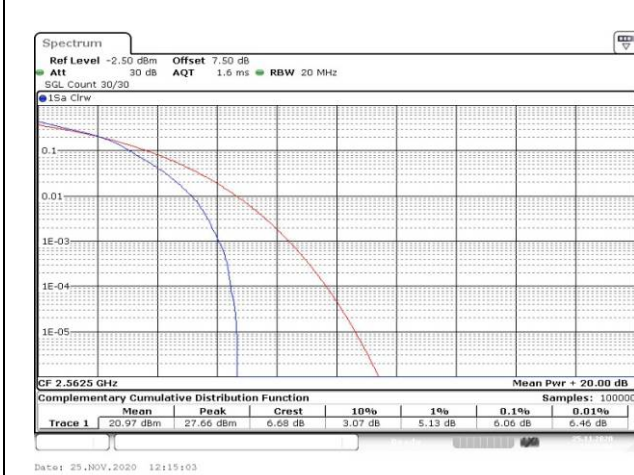


Fig.53

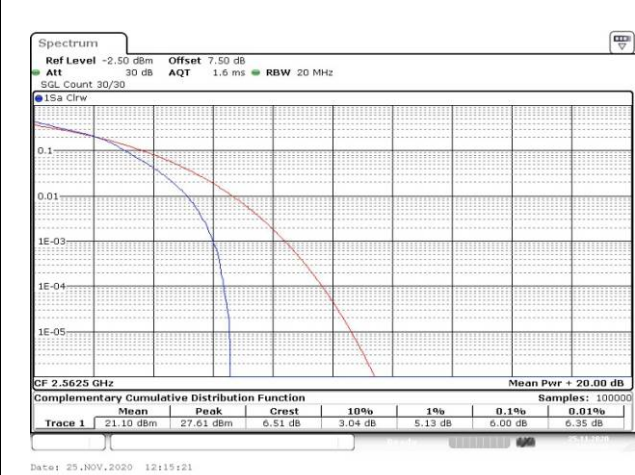


Fig.54

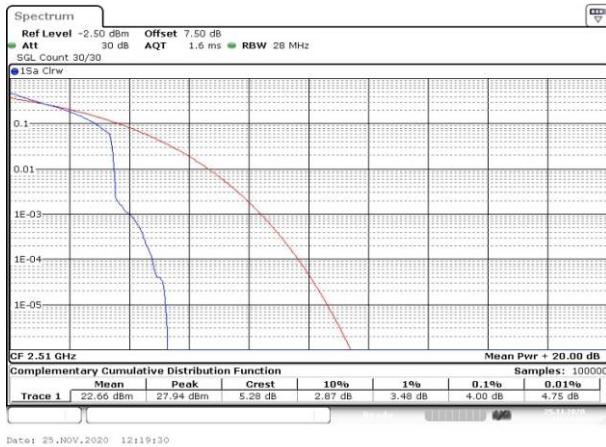


Fig.55

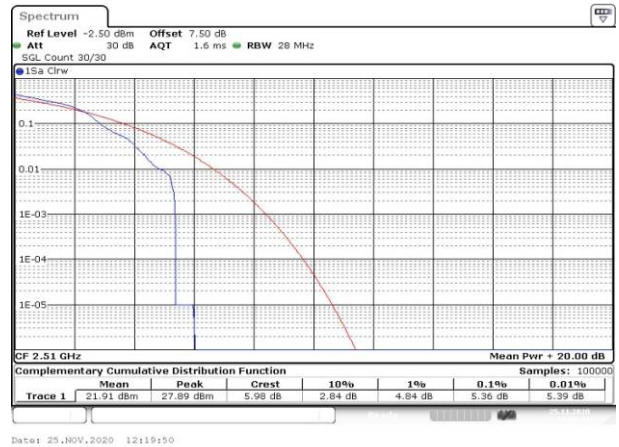


Fig.56

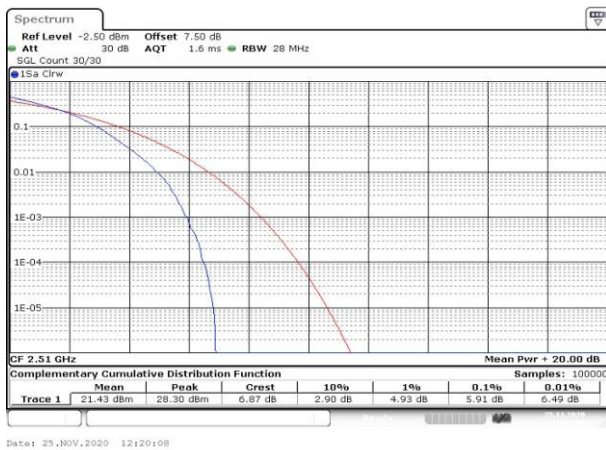


Fig.57

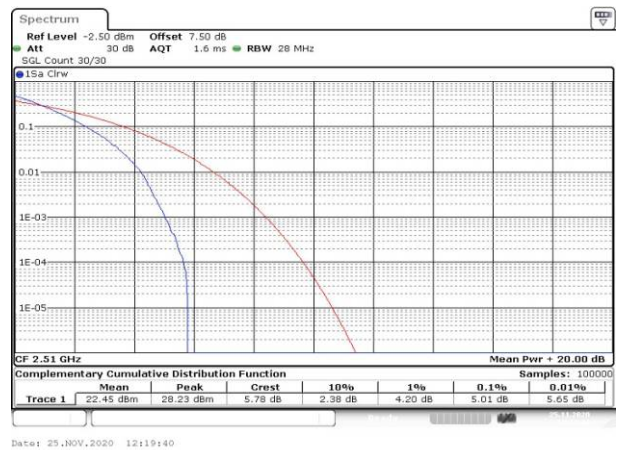


Fig.58

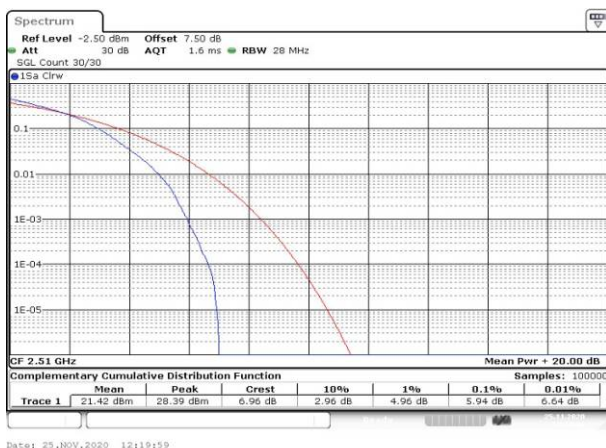


Fig.59

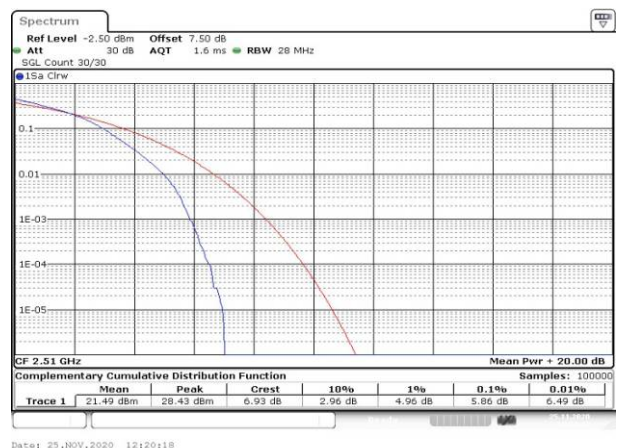


Fig.60

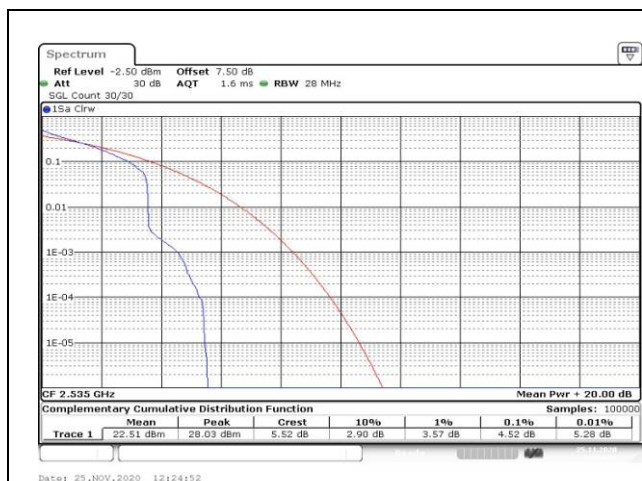


Fig.61

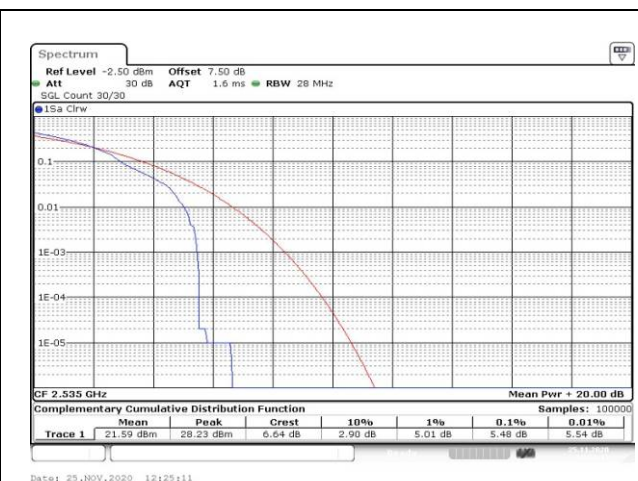


Fig.62



Fig.63

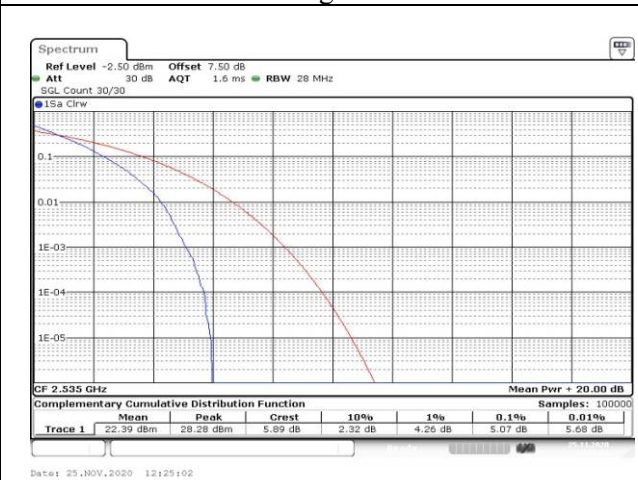


Fig.64

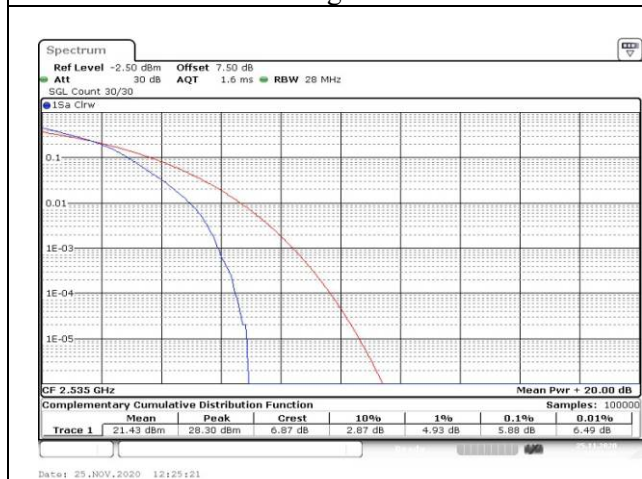


Fig.65

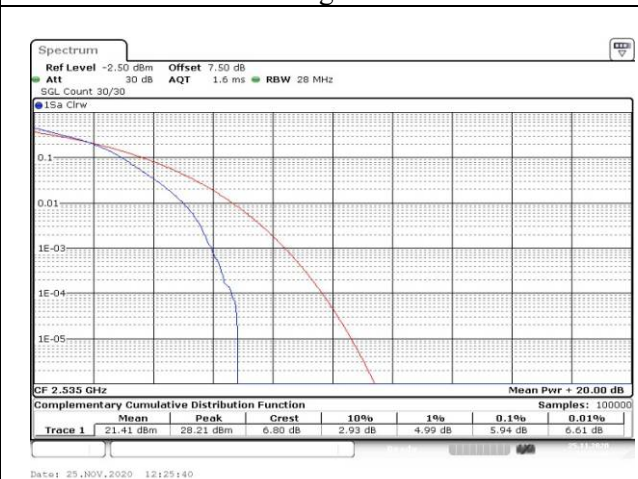


Fig.66

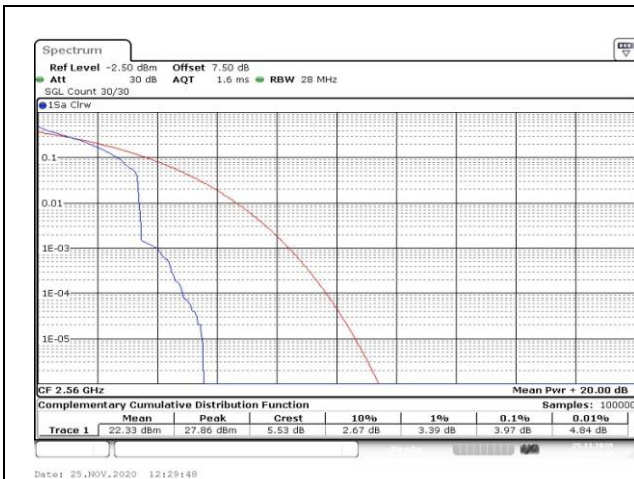


Fig.67

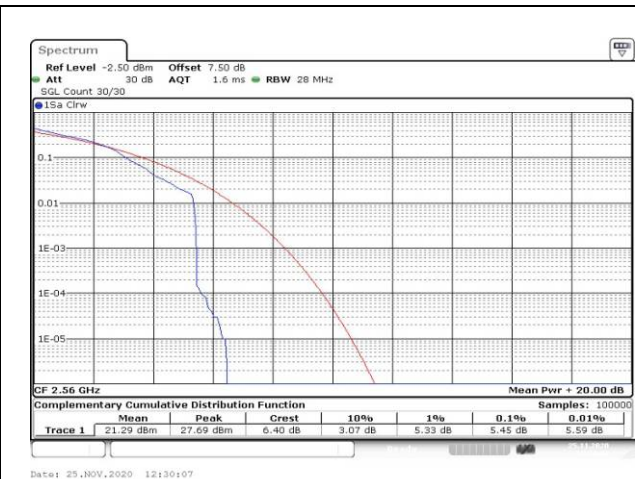


Fig.68

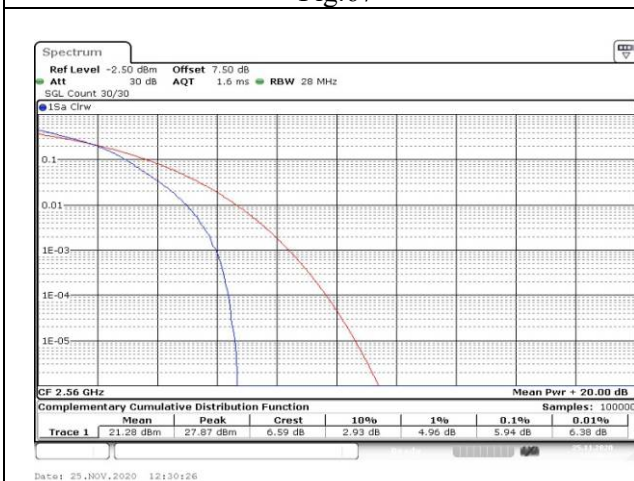


Fig.69

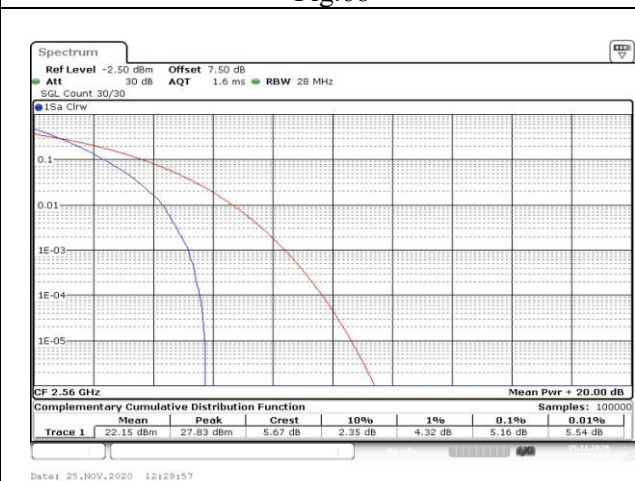


Fig.70



Fig.71



Fig.72

5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot QPSK
7	2510	20850	20	1	99	Fig.1
	2535	21100		1	99	Fig.2
	2560	21350		1	99	Fig.3

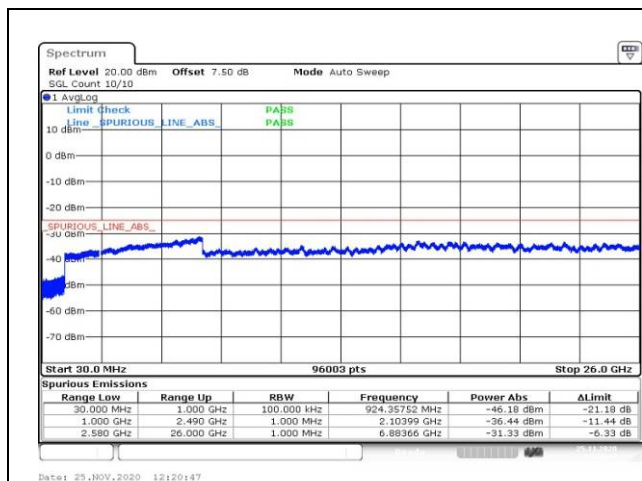


Fig.1

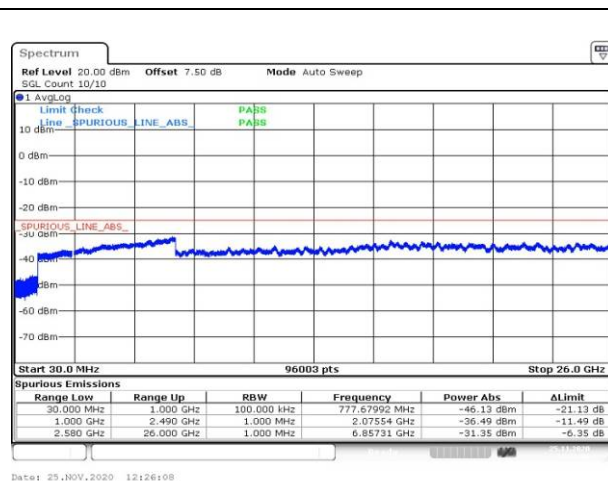


Fig.2

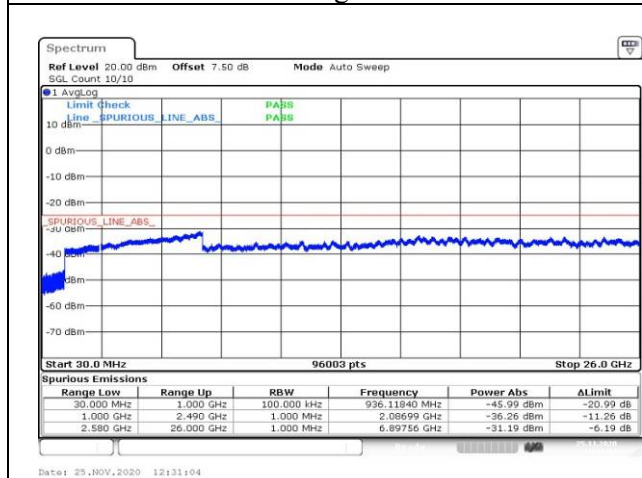


Fig.3

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
		21425		1	24	Fig.3
				25	0	Fig.4
	2505	20800	10	1	0	Fig.5
				50	0	Fig.6
		21400		1	49	Fig.7
				50	0	Fig.8
	2507.5	20825	15	1	0	Fig.9
				75	0	Fig.10
		21375		1	74	Fig.11
				75	0	Fig.12
	2510	20850	20	1	0	Fig.13
				100	0	Fig.14
		21350		1	99	Fig.15
				100	0	Fig.16

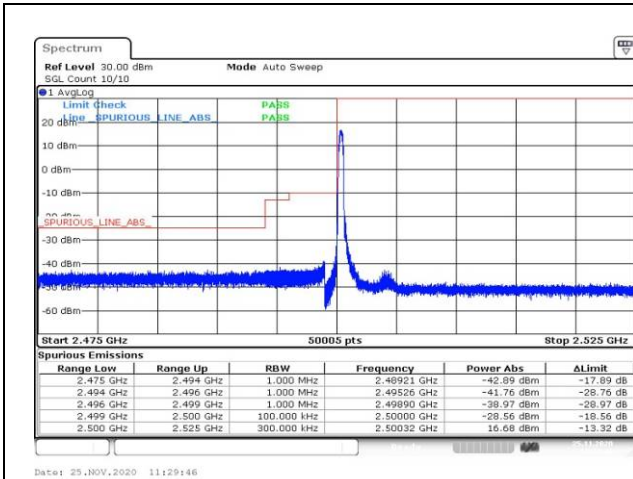


Fig.1

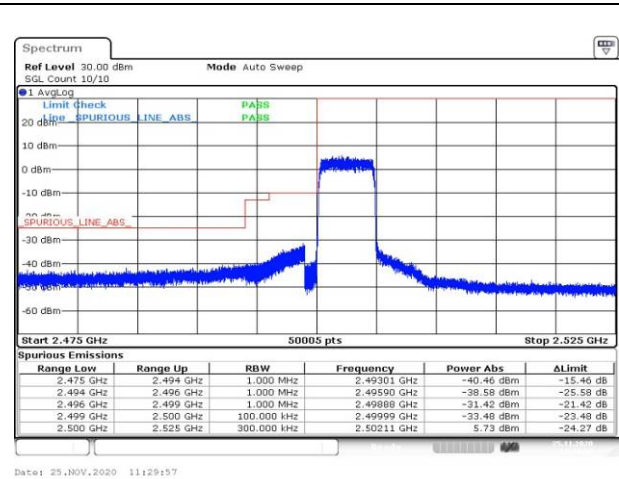


Fig.2

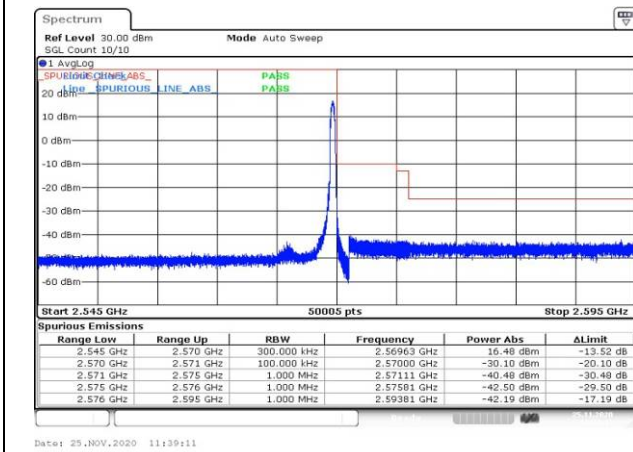


Fig.3

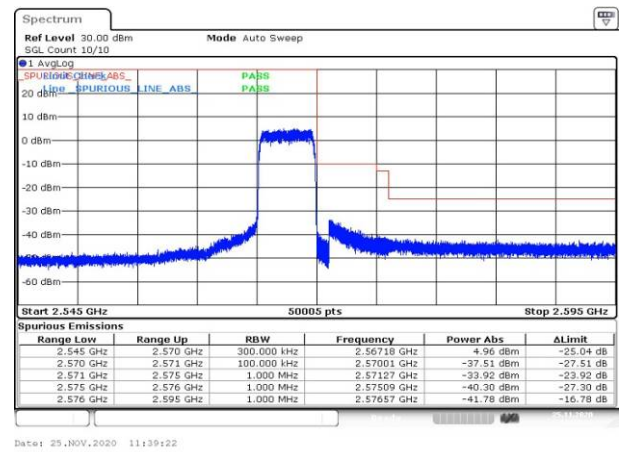


Fig.4

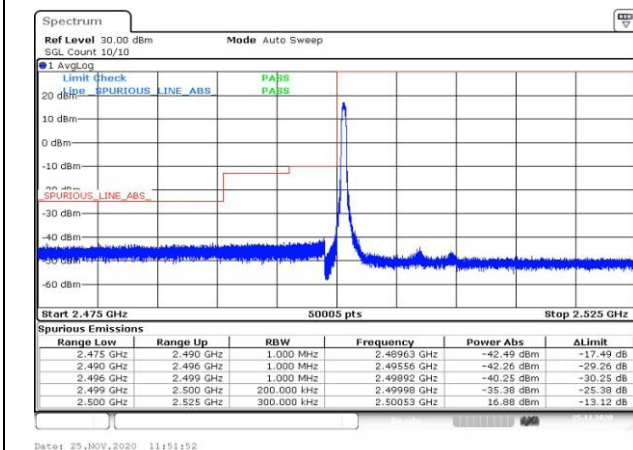


Fig.5

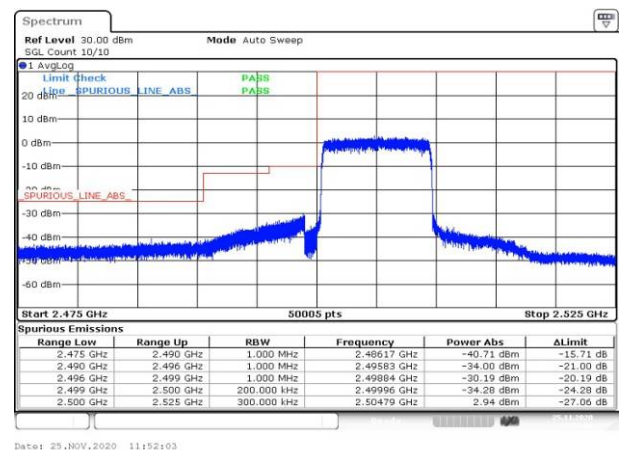


Fig.6

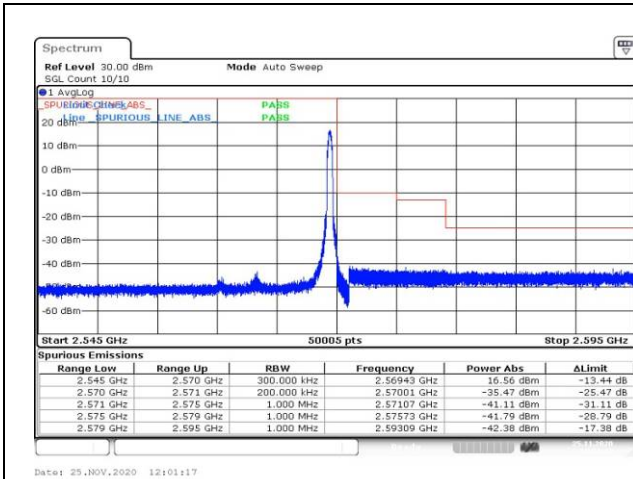


Fig.7

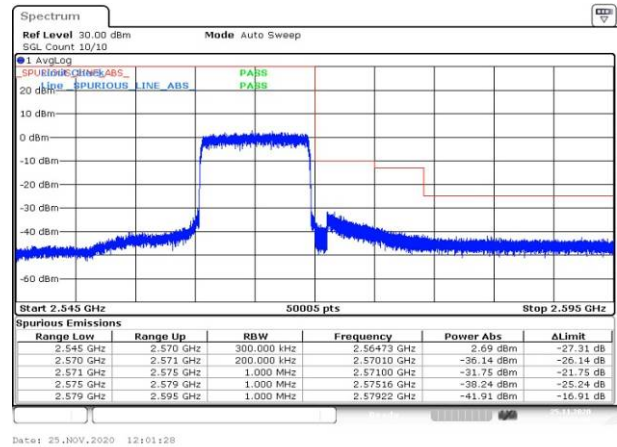


Fig.8

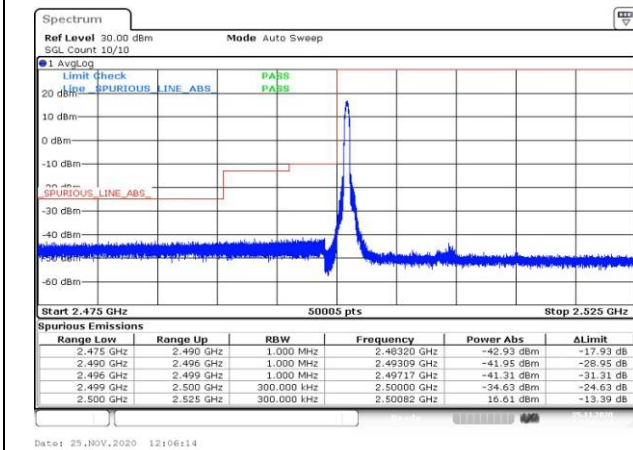


Fig.9

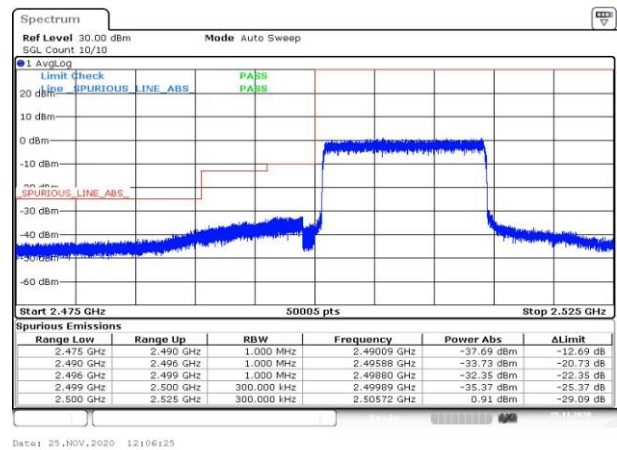


Fig.10

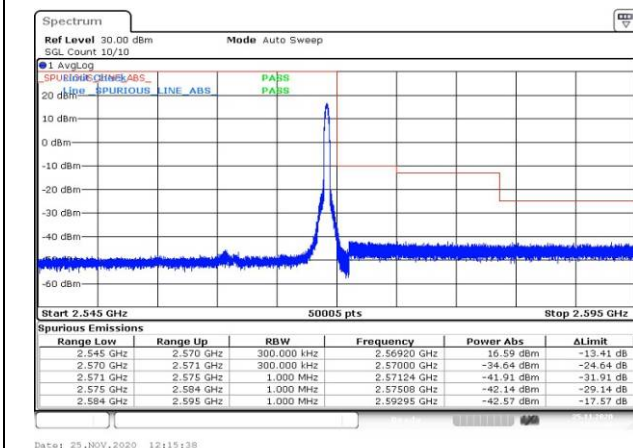


Fig.11

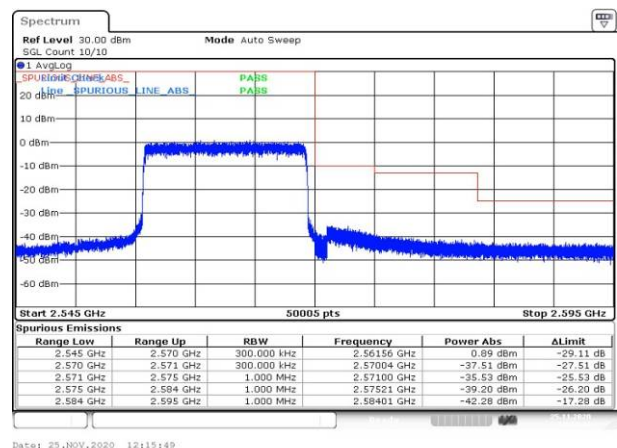


Fig.12

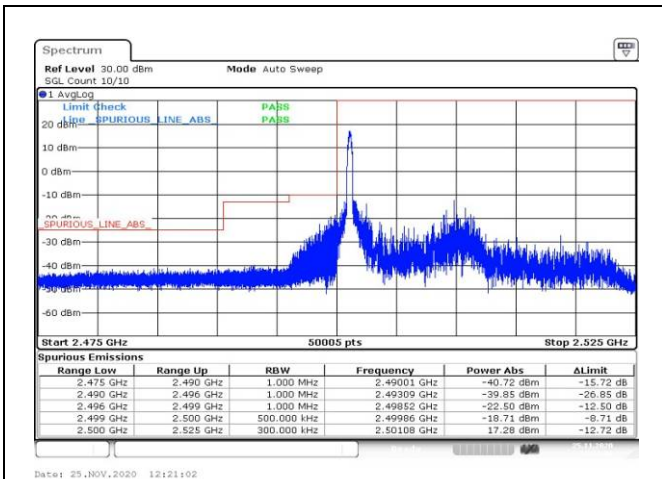


Fig.13

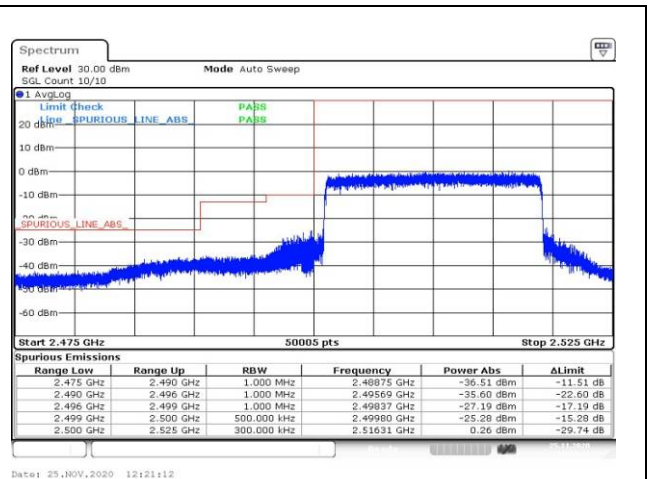


Fig.14

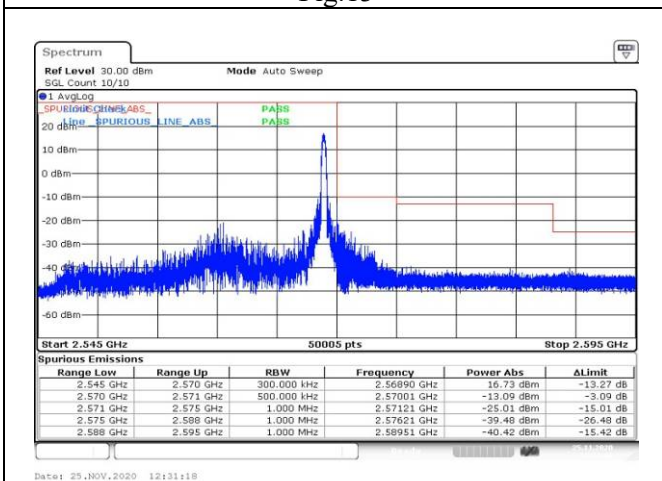


Fig.15

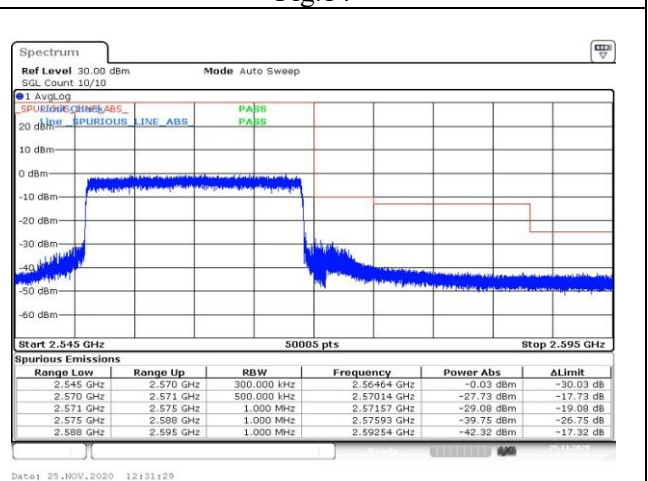


Fig.16

7 Frequency Stability

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

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

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	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	2502.5	20775	5	1	0	23.03	25.03	0.318
				1	12	22.99	24.99	0.316
				1	24	22.96	24.96	0.313
				12	0	22.13	24.13	0.259
				12	7	22.10	24.10	0.257
				12	13	22.08	24.08	0.256
				25	0	22.12	24.12	0.258
	2535	21100		1	0	23.19	25.19	0.330
				1	12	23.20	25.20	0.331
				1	24	23.19	25.19	0.330
				12	0	22.24	24.24	0.265
				12	7	22.30	24.30	0.269
				12	13	22.30	24.30	0.269
				25	0	22.26	24.26	0.267
	2567.5	21425		1	0	22.96	24.96	0.313
				1	12	22.94	24.94	0.312
				1	24	22.92	24.92	0.310
				12	0	22.06	24.06	0.255
				12	7	22.07	24.07	0.255
				12	13	22.06	24.06	0.255
				25	0	22.01	24.01	0.252
16QAM	2502.5	20775	1	0	22.12	24.12	0.258	
			1	12	22.16	24.16	0.261	
			1	24	22.04	24.04	0.254	
			12	0	21.13	23.13	0.206	
			12	7	21.14	23.14	0.206	
			12	13	21.12	23.12	0.205	
			25	0	21.17	23.17	0.207	
	2535	21100	1	0	22.55	24.55	0.285	
			1	12	22.57	24.57	0.286	
			1	24	22.56	24.56	0.286	
			12	0	21.37	23.37	0.217	
			12	7	21.40	23.40	0.219	
			12	13	21.36	23.36	0.217	
			25	0	21.32	23.32	0.215	
	2567.5	21425	1	0	22.13	24.13	0.259	
			1	12	22.05	24.05	0.254	
			1	24	22.11	24.11	0.258	
			12	0	20.99	22.99	0.199	
			12	7	21.04	23.04	0.201	
			12	13	21.04	23.04	0.201	
			25	0	21.08	23.08	0.203	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	2502.5	20775	5	1	0	21.17	23.17	0.207
				1	12	21.18	23.18	0.208
				1	24	21.18	23.18	0.208
				12	0	21.17	23.17	0.207
				12	7	21.26	23.26	0.212
				12	13	21.23	23.23	0.210
				25	0	21.25	23.25	0.211
	2535	21100		1	0	21.31	23.31	0.214
				1	12	21.29	23.29	0.213
				1	24	21.29	23.29	0.213
				12	0	21.28	23.28	0.213
				12	7	21.27	23.27	0.212
				12	13	21.28	23.28	0.213
				25	0	21.27	23.27	0.212
	2567.5	21425		1	0	21.13	23.13	0.206
				1	12	21.06	23.06	0.202
				1	24	21.03	23.03	0.201
				12	0	21.11	23.11	0.205
				12	7	21.11	23.11	0.205
				12	13	21.07	23.07	0.203
				25	0	21.11	23.11	0.205

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	2505	20800	10	1	0	23.11	25.11	0.324
				1	25	23.16	25.16	0.328
				1	49	23.18	25.18	0.330
				25	0	22.24	24.24	0.265
				25	12	22.20	24.20	0.263
				25	25	22.26	24.26	0.267
				50	0	22.19	24.19	0.262
	2535	21100		1	0	23.27	25.27	0.337
				1	25	23.27	25.27	0.337
				1	49	23.27	25.27	0.337
				25	0	22.33	24.33	0.271
				25	12	22.40	24.40	0.275
				25	25	22.41	24.41	0.276
				50	0	22.21	24.21	0.264
	2565	21400		1	0	23.05	25.05	0.320
				1	25	22.94	24.94	0.312
				1	49	23.03	25.03	0.318
				25	0	22.08	24.08	0.256
				25	12	22.08	24.08	0.256
				25	25	22.05	24.05	0.254
				50	0	22.05	24.05	0.254
16QAM	2505	20800	1	0	22.23	24.23	0.265	
			1	25	22.31	24.31	0.270	
			1	49	22.27	24.27	0.267	
			25	0	21.32	23.32	0.215	
			25	12	21.33	23.33	0.215	
			25	25	21.35	23.35	0.216	
			50	0	21.26	23.26	0.212	
	2535	21100	1	0	22.87	24.87	0.307	
			1	25	22.86	24.86	0.306	
			1	49	22.89	24.89	0.308	
			25	0	21.42	23.42	0.220	
			25	12	21.43	23.43	0.220	
			25	25	21.49	23.49	0.223	
			50	0	21.31	23.31	0.214	
	2565	21400	1	0	22.23	24.23	0.265	
			1	25	22.15	24.15	0.260	
			1	49	22.24	24.24	0.265	
			25	0	21.10	23.10	0.204	
			25	12	21.13	23.13	0.206	
			25	25	21.13	23.13	0.206	
			50	0	20.99	22.99	0.199	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	2505	20800	10	1	0	21.21	23.21	0.209
				1	25	21.24	23.24	0.211
				1	49	21.28	23.28	0.213
				25	0	21.24	23.24	0.211
				25	12	21.24	23.24	0.211
				25	25	21.29	23.29	0.213
	2535	21100		50	0	21.28	23.28	0.213
				1	0	21.30	23.30	0.214
				1	25	21.33	23.33	0.215
				1	49	21.28	23.28	0.213
				25	0	21.34	23.34	0.216
				25	12	21.28	23.28	0.213
	2565	21400		25	25	21.38	23.38	0.218
				50	0	21.33	23.33	0.215
				1	0	21.02	23.02	0.200
				1	25	21.01	23.01	0.200
				1	49	21.07	23.07	0.203
				25	0	21.06	23.06	0.202
				25	12	21.09	23.09	0.204
				25	25	20.99	22.99	0.199
	50	0		21.09	23.09	0.204		

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	2507.5	20825	15	1	0	23.07	25.07	0.321
				1	37	23.16	25.16	0.328
				1	74	23.19	25.19	0.330
				36	0	22.14	24.14	0.259
				36	29	22.25	24.25	0.266
				36	30	22.26	24.26	0.267
				75	0	22.23	24.23	0.265
	2535	21100		1	0	23.30	25.30	0.339
				1	37	23.34	25.34	0.342
				1	74	23.37	25.37	0.344
				36	0	22.34	24.34	0.272
				36	29	22.35	24.35	0.272
				36	30	22.35	24.35	0.272
				75	0	22.29	24.29	0.269
	2562.5	21375		1	0	23.14	25.14	0.327
				1	37	23.04	25.04	0.319
				1	74	22.93	24.93	0.311
				36	0	22.11	24.11	0.258
				36	29	22.14	24.14	0.259
				36	30	22.14	24.14	0.259
				75	0	22.04	24.04	0.254
16QAM	2507.5	20825	1	0	22.77	24.77	0.300	
			1	37	22.87	24.87	0.307	
			1	74	22.81	24.81	0.303	
			36	0	21.22	23.22	0.210	
			36	29	21.21	23.21	0.209	
			36	30	21.28	23.28	0.213	
			75	0	21.29	23.29	0.213	
	2535	21100	1	0	22.58	24.58	0.287	
			1	37	22.60	24.60	0.288	
			1	74	22.57	24.57	0.286	
			36	0	21.35	23.35	0.216	
			36	29	21.36	23.36	0.217	
			36	30	21.39	23.39	0.218	
			75	0	21.36	23.36	0.217	
	2562.5	21375	1	0	22.64	24.64	0.291	
			1	37	22.60	24.60	0.288	
			1	74	22.63	24.63	0.290	
			36	0	21.10	23.10	0.204	
			36	29	21.13	23.13	0.206	
			36	30	21.13	23.13	0.206	
			75	0	21.09	23.09	0.204	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	2507.5	20825	15	1	0	21.20	23.20	0.209
				1	37	21.29	23.29	0.213
				1	74	21.26	23.26	0.212
				36	0	21.27	23.27	0.212
				36	29	21.29	23.29	0.213
				36	30	21.26	23.26	0.212
				75	0	21.29	23.29	0.213
	2535	21100		1	0	21.29	23.29	0.213
				1	37	21.39	23.39	0.218
				1	74	21.39	23.39	0.218
				36	0	21.36	23.36	0.217
				36	29	21.33	23.33	0.215
				36	30	21.40	23.40	0.219
				75	0	21.33	23.33	0.215
	2562.5	21375		1	0	21.08	23.08	0.203
				1	37	21.05	23.05	0.202
				1	74	21.02	23.02	0.200
				36	0	21.09	23.09	0.204
				36	29	21.01	23.01	0.200
				36	30	21.05	23.05	0.202
				75	0	21.05	23.05	0.202

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	2510	20850	20	1	0	23.09	25.09	0.323
				1	49	23.15	25.15	0.327
				1	99	23.14	25.14	0.327
				50	0	22.13	24.13	0.259
				50	24	22.25	24.25	0.266
				50	50	22.21	24.21	0.264
				100	0	22.23	24.23	0.265
	2535	21100		1	0	23.37	25.37	0.344
				1	49	23.39	25.39	0.346
				1	99	23.39	25.39	0.346
				50	0	22.37	24.37	0.274
				50	24	22.42	24.42	0.277
				50	50	22.44	24.44	0.278
				100	0	22.31	24.31	0.270
	2560	21350		1	0	23.14	25.14	0.327
				1	49	22.96	24.96	0.313
				1	99	22.98	24.98	0.315
				50	0	22.26	24.26	0.267
				50	24	22.23	24.23	0.265
				50	50	22.17	24.17	0.261
				100	0	22.21	24.21	0.264
16QAM	2510	20850	1	0	22.59	24.59	0.288	
			1	49	22.58	24.58	0.287	
			1	99	22.51	24.51	0.282	
			50	0	21.11	23.11	0.205	
			50	24	21.20	23.20	0.209	
			50	50	21.31	23.31	0.214	
			100	0	21.27	23.27	0.212	
	2535	21100	1	0	22.55	24.55	0.285	
			1	49	22.64	24.64	0.291	
			1	99	22.52	24.52	0.283	
			50	0	21.30	23.30	0.214	
			50	24	21.43	23.43	0.220	
			50	50	21.36	23.36	0.217	
			100	0	21.32	23.32	0.215	
	2560	21350	1	0	22.85	24.85	0.305	
			1	49	22.65	24.65	0.292	
			1	99	22.64	24.64	0.291	
			50	0	21.21	23.21	0.209	
			50	24	21.15	23.15	0.207	
			50	50	21.15	23.15	0.207	
			100	0	21.22	23.22	0.210	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	2510	20850	20	1	0	21.27	23.27	0.212
				1	49	21.30	23.30	0.214
				1	99	21.30	23.30	0.214
				50	0	21.22	23.22	0.210
				50	24	21.24	23.24	0.211
				50	50	21.28	23.28	0.213
	100	0		21.22	23.22	0.210		
	2535	21100		1	0	21.39	23.39	0.218
				1	49	21.30	23.30	0.214
				1	99	21.33	23.33	0.215
				50	0	21.32	23.32	0.215
				50	24	21.42	23.42	0.220
				50	50	21.39	23.39	0.218
	100	0		21.38	23.38	0.218		
	2560	21350		1	0	21.20	23.20	0.209
				1	49	21.17	23.17	0.207
				1	99	21.17	23.17	0.207
				50	0	21.16	23.16	0.207
				50	24	21.17	23.17	0.207
				50	50	21.17	23.17	0.207
				100	0	21.19	23.19	0.208