

Fig.37

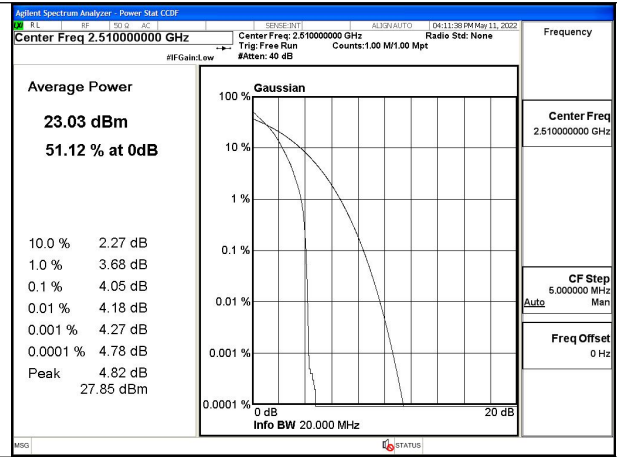


Fig.38

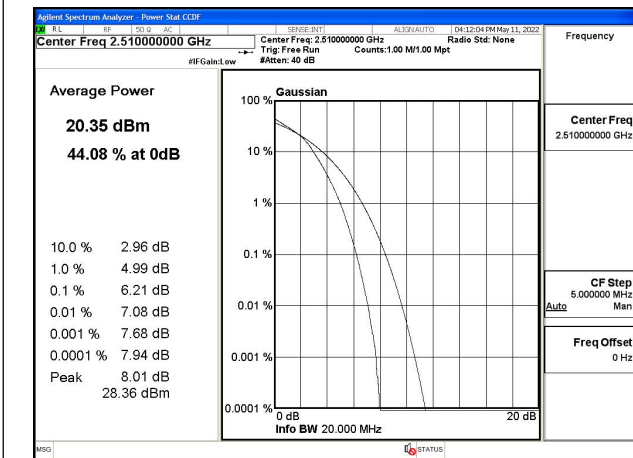


Fig.39

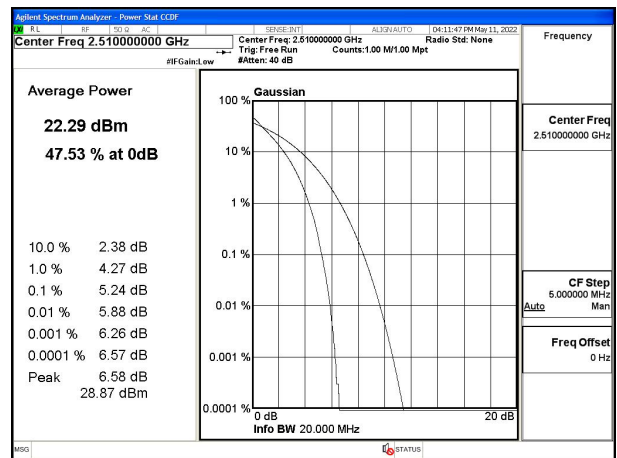


Fig.40

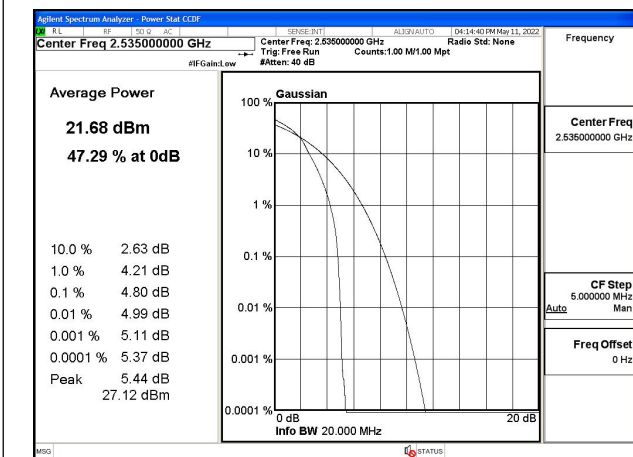


Fig.41

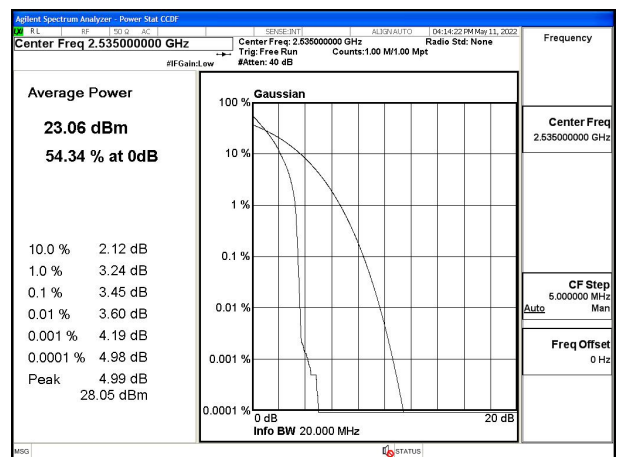


Fig.42

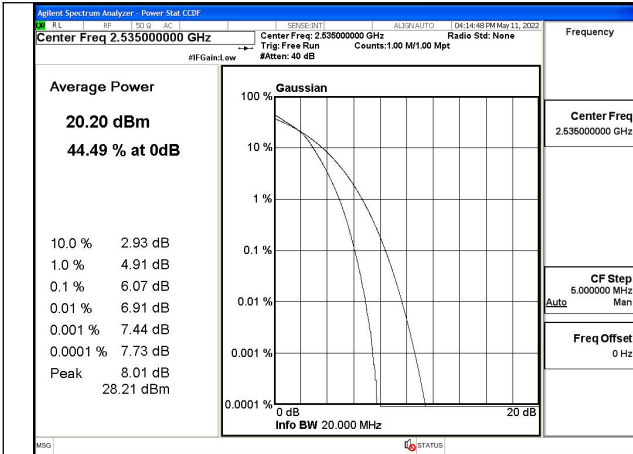


Fig.43

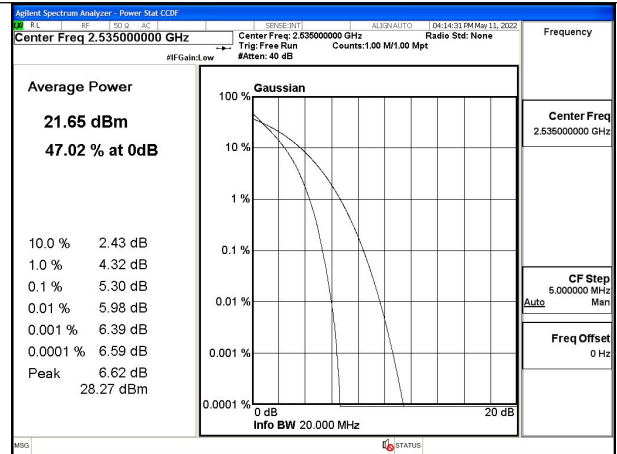


Fig.44

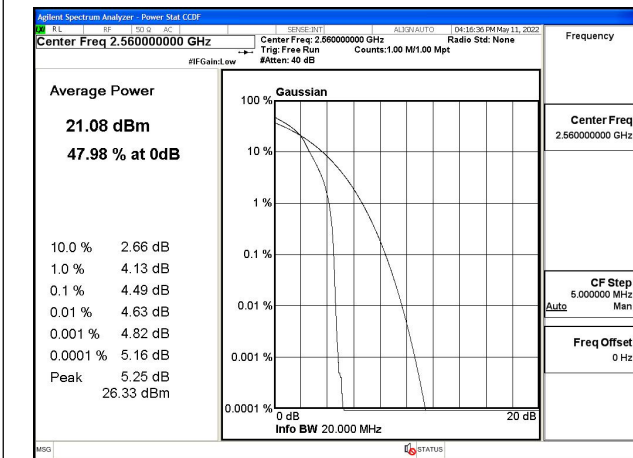


Fig.45

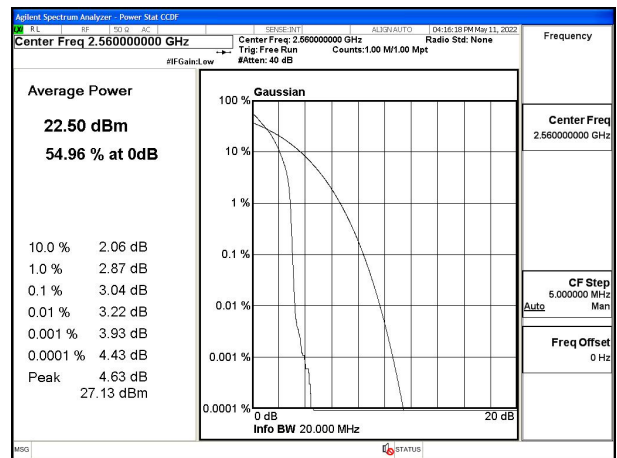


Fig.46

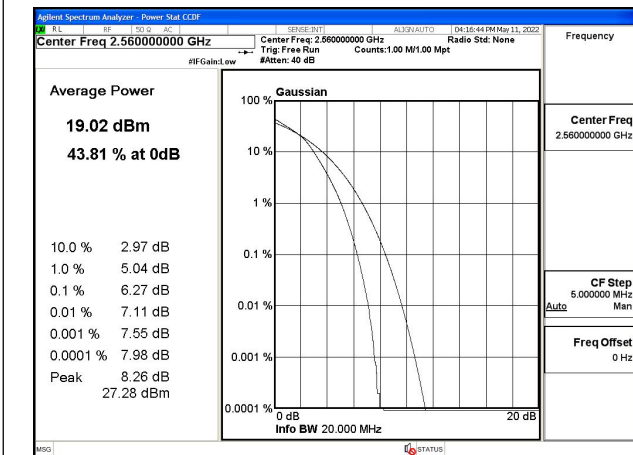


Fig.47

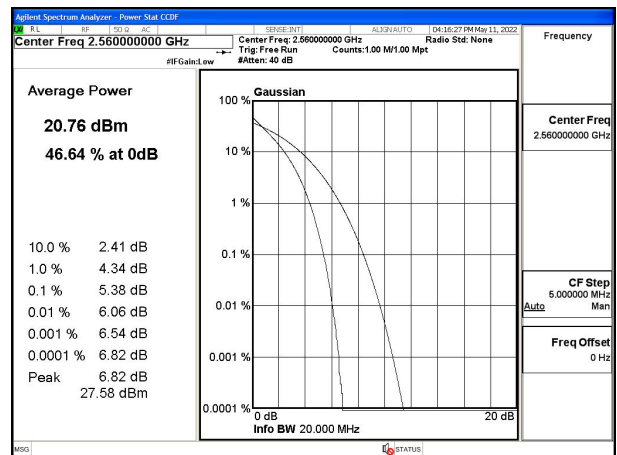


Fig.48

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
7	2535	21100	20	1	0	Fig.2
7	2560	21350	20	1	0	Fig.3

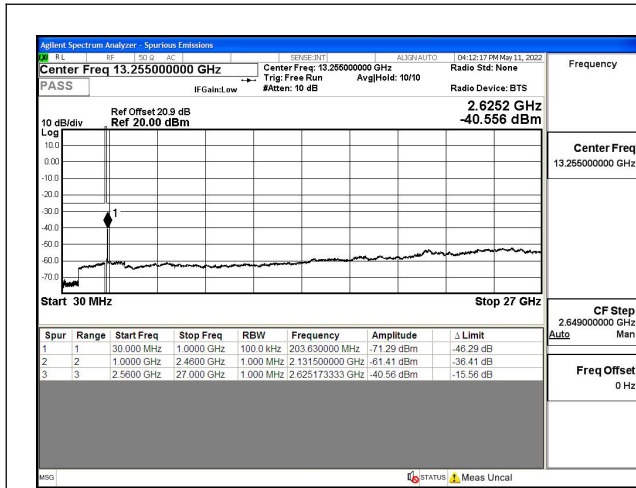


Fig.1

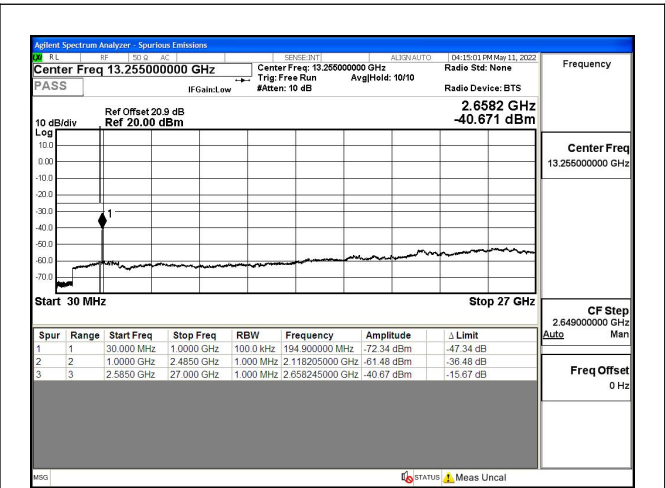


Fig.2

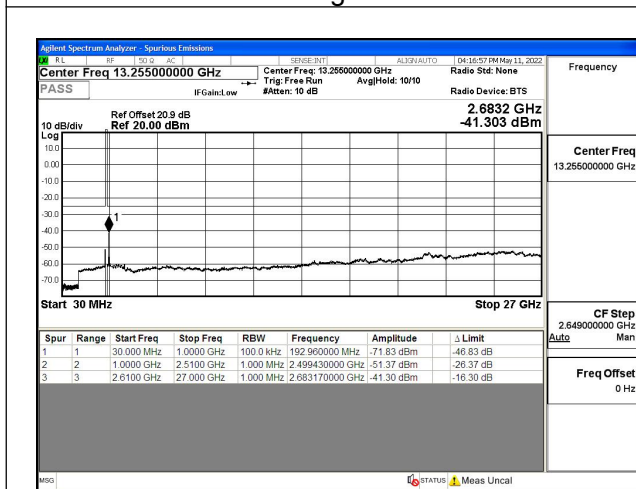
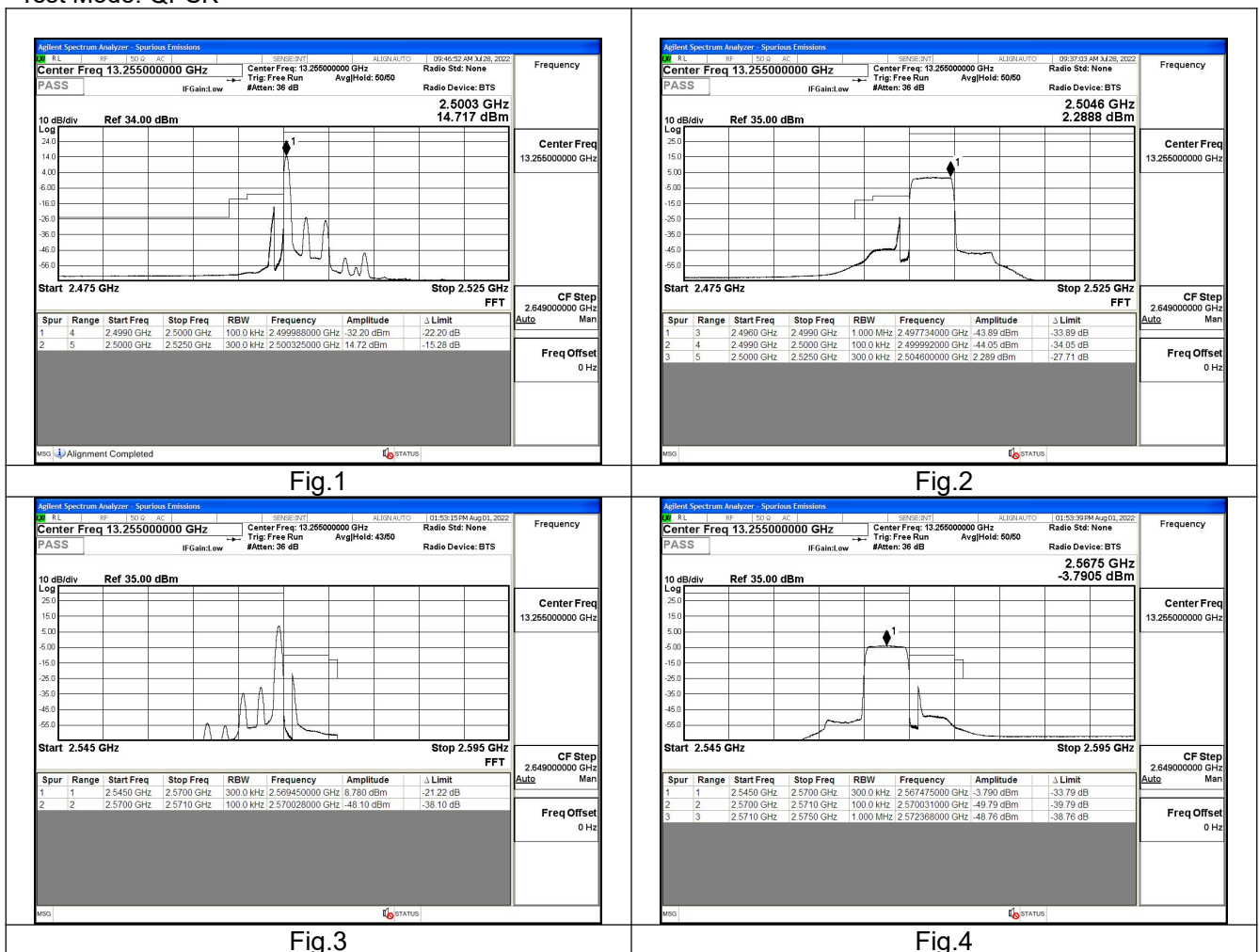


Fig.3

6 Band Edges Compliance

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

Test Mode: QPSK



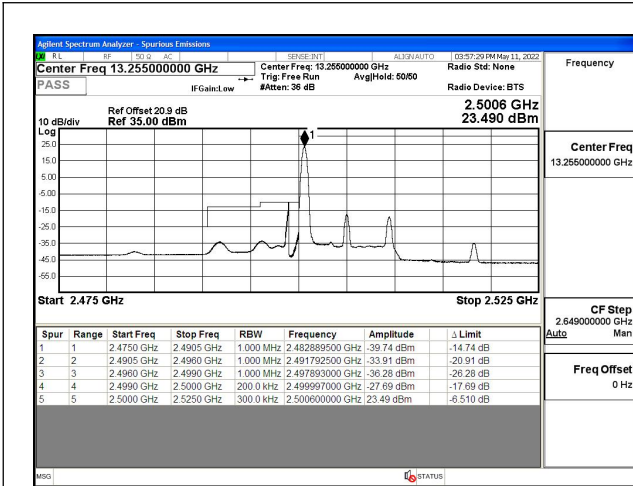


Fig.5



Fig.6

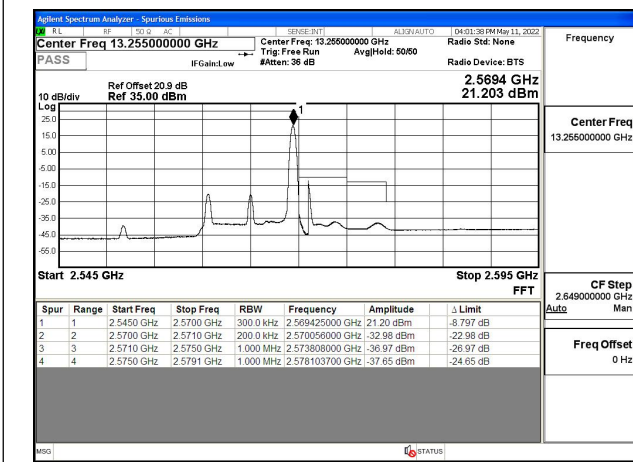


Fig.7

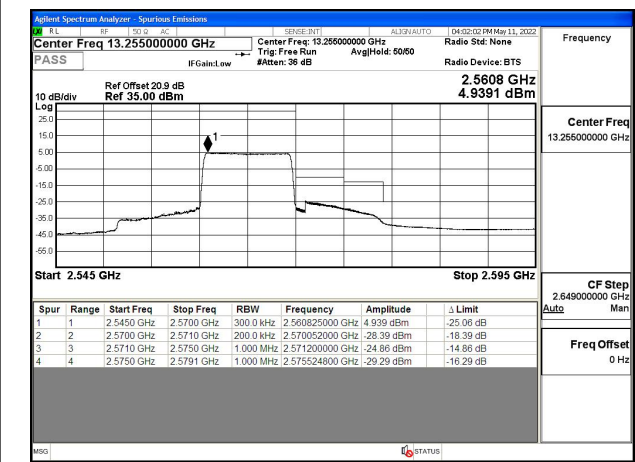


Fig.8

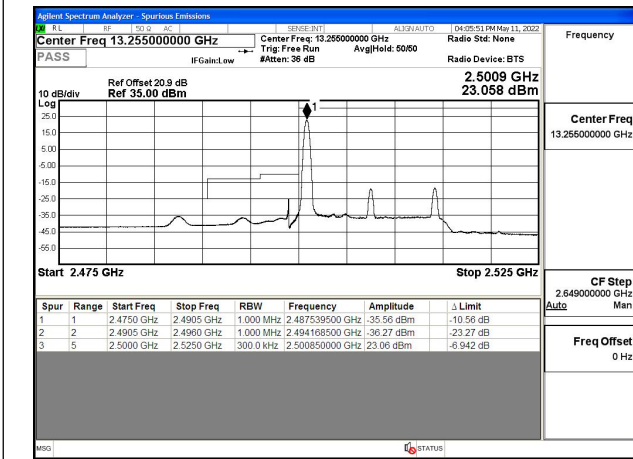


Fig.9

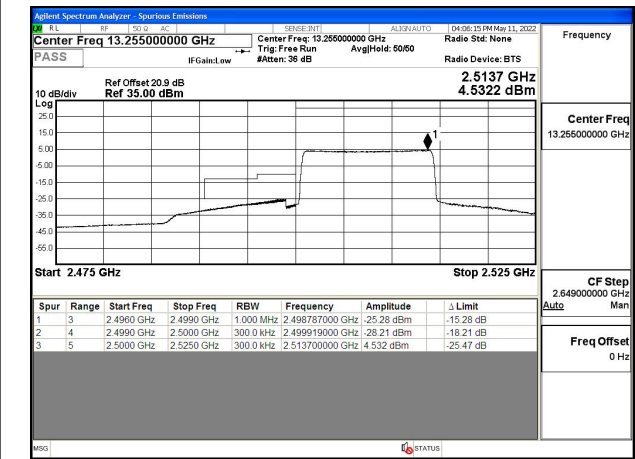


Fig.10

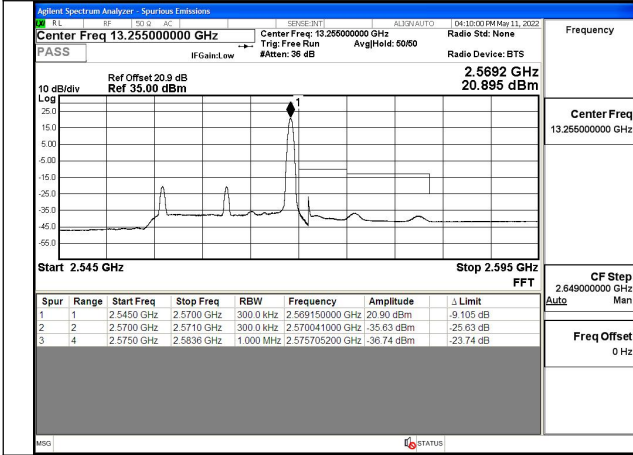


Fig.11

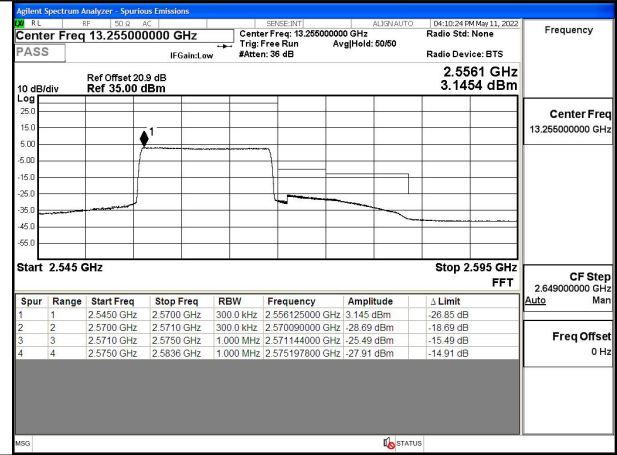


Fig.12

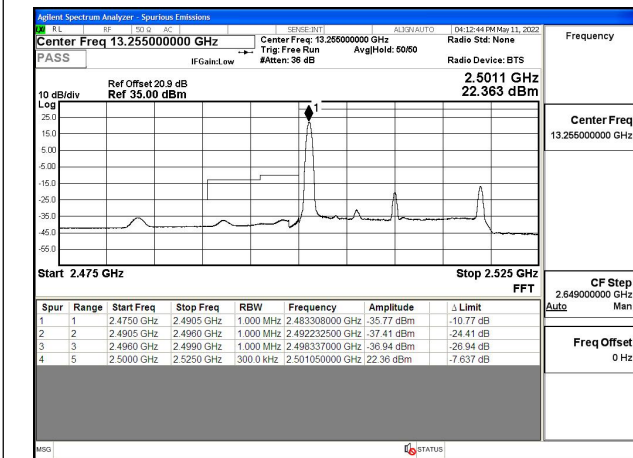


Fig.13

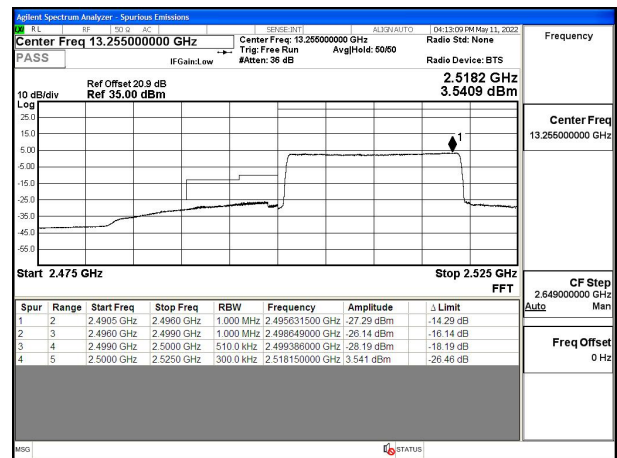


Fig.14

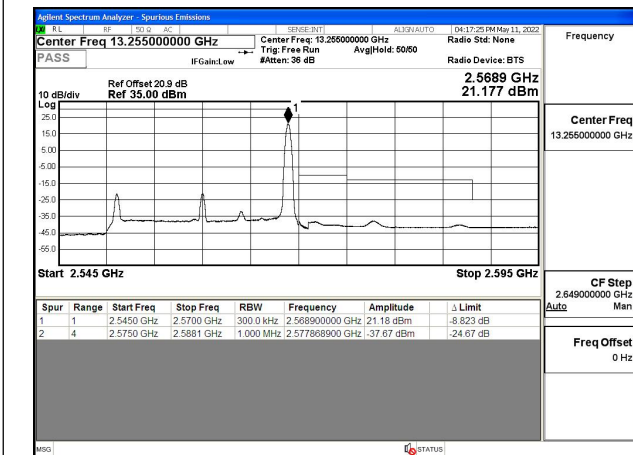


Fig.15

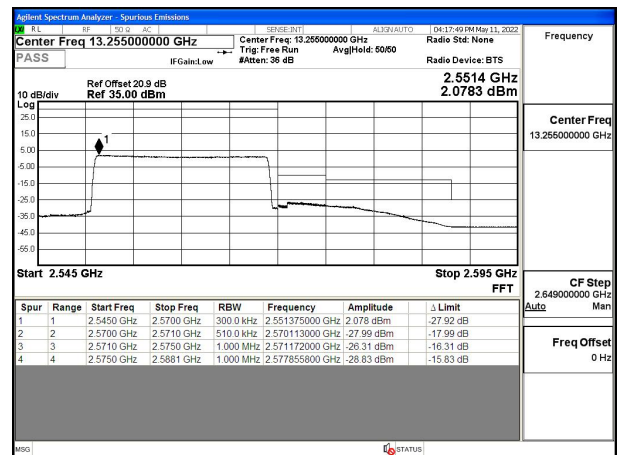


Fig.16

7 Frequency Stability

Temperature(°C)	Voltage	TestResult(ppm)Band7LowChannelQPSK			
		5M	10M	15M	20M
-10	NV	-0.004	-0.014	-0.021	-0.018
0	NV	-0.004	-0.022	-0.004	-0.015
+10	NV	-0.008	-0.010	-0.017	-0.011
+20	NV	-0.016	-0.021	-0.013	-0.017
+30	NV	-0.010	-0.022	-0.024	-0.025
+40	NV	-0.010	-0.008	-0.010	-0.010
+50	NV	-0.008	-0.018	-0.013	-0.020
+55	NV	-0.016	-0.010	-0.022	-0.020
+20	LV	-0.016	-0.024	-0.020	-0.019
+20	HV	-0.020	-0.012	-0.018	-0.016

Temperature(°C)	Voltage	TestResult(ppm)Band7HighChannelQPSK			
		5M	10M	15M	20M
-10	NV	-0.015	-0.014	-0.008	-0.007
0	NV	-0.005	-0.007	-0.010	-0.021
+10	NV	-0.021	-0.019	-0.005	-0.012
+20	NV	-0.014	-0.021	0.006	-0.009
+30	NV	-0.010	-0.002	-0.018	-0.005
+40	NV	-0.023	-0.009	-0.007	-0.012
+50	NV	-0.012	-0.018	-0.018	-0.022
+55	NV	-0.021	-0.020	-0.012	-0.011
+20	LV	-0.004	-0.016	-0.013	-0.008
+20	HV	-0.023	-0.021	-0.010	-0.009

8 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	23.98	25.48	0.353
QPSK	2502.5	20775	5	1	12	23.08	24.58	0.287
QPSK	2502.5	20775	5	1	24	23.44	24.94	0.312
QPSK	2502.5	20775	5	12	0	21.82	23.32	0.215
QPSK	2502.5	20775	5	12	7	21.77	23.27	0.212
QPSK	2502.5	20775	5	12	13	21.86	23.36	0.217
QPSK	2502.5	20775	5	25	0	21.81	23.31	0.214
QPSK	2535	21100	5	1	0	22.46	23.96	0.249
QPSK	2535	21100	5	1	12	22.05	23.55	0.226
QPSK	2535	21100	5	1	24	22.30	23.80	0.240
QPSK	2535	21100	5	12	0	20.96	22.46	0.176
QPSK	2535	21100	5	12	7	20.84	22.34	0.171
QPSK	2535	21100	5	12	13	20.89	22.39	0.173
QPSK	2535	21100	5	25	0	20.94	22.44	0.175
QPSK	2567.5	21425	5	1	0	22.08	23.58	0.228
QPSK	2567.5	21425	5	1	12	21.50	23.00	0.200
QPSK	2567.5	21425	5	1	24	21.75	23.25	0.211
QPSK	2567.5	21425	5	12	0	20.50	22.00	0.158
QPSK	2567.5	21425	5	12	7	20.39	21.89	0.155
QPSK	2567.5	21425	5	12	13	20.46	21.96	0.157
QPSK	2567.5	21425	5	25	0	20.51	22.01	0.159

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	2502.5	20775	5	1	0	22.12	23.62	0.230
16QAM	2502.5	20775	5	1	12	21.60	23.10	0.204
16QAM	2502.5	20775	5	1	24	21.85	23.35	0.216
16QAM	2502.5	20775	5	12	0	19.74	21.24	0.133
16QAM	2502.5	20775	5	12	7	19.66	21.16	0.131
16QAM	2502.5	20775	5	12	13	19.83	21.33	0.136
16QAM	2502.5	20775	5	25	0	19.83	21.33	0.136
16QAM	2535	21100	5	1	0	21.53	23.03	0.201
16QAM	2535	21100	5	1	12	21.16	22.66	0.185
16QAM	2535	21100	5	1	24	21.39	22.89	0.195
16QAM	2535	21100	5	12	0	19.51	21.01	0.126
16QAM	2535	21100	5	12	7	19.39	20.89	0.123
16QAM	2535	21100	5	12	13	19.40	20.90	0.123
16QAM	2535	21100	5	25	0	19.51	21.01	0.126
16QAM	2567.5	21425	5	1	0	20.79	22.29	0.169
16QAM	2567.5	21425	5	1	12	19.97	21.47	0.140
16QAM	2567.5	21425	5	1	24	20.51	22.01	0.159
16QAM	2567.5	21425	5	12	0	18.73	20.23	0.105
16QAM	2567.5	21425	5	12	7	18.61	20.11	0.103
16QAM	2567.5	21425	5	12	13	18.68	20.18	0.104
16QAM	2567.5	21425	5	25	0	18.79	20.29	0.107

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	23.45	24.95	0.313
QPSK	2505	20800	10	1	25	22.27	23.77	0.238
QPSK	2505	20800	10	1	49	23.35	24.85	0.305
QPSK	2505	20800	10	25	0	21.25	22.75	0.188
QPSK	2505	20800	10	25	12	21.20	22.70	0.186
QPSK	2505	20800	10	25	25	21.03	22.53	0.179
QPSK	2505	20800	10	50	0	21.32	22.82	0.191
QPSK	2535	21100	10	1	0	23.16	24.66	0.292
QPSK	2535	21100	10	1	25	22.12	23.62	0.230
QPSK	2535	21100	10	1	49	23.20	24.70	0.295
QPSK	2535	21100	10	25	0	21.26	22.76	0.189
QPSK	2535	21100	10	25	12	21.10	22.60	0.182
QPSK	2535	21100	10	25	25	21.15	22.65	0.184
QPSK	2535	21100	10	50	0	21.27	22.77	0.189
QPSK	2565	21400	10	1	0	22.85	24.35	0.272
QPSK	2565	21400	10	1	25	21.38	22.88	0.194
QPSK	2565	21400	10	1	49	22.53	24.03	0.253
QPSK	2565	21400	10	25	0	20.17	21.67	0.147
QPSK	2565	21400	10	25	12	20.62	22.12	0.163
QPSK	2565	21400	10	25	25	20.63	22.13	0.163
QPSK	2565	21400	10	50	0	20.76	22.26	0.168

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	2505	20800	10	1	0	22.66	24.16	0.261
16QAM	2505	20800	10	1	25	20.99	22.49	0.177
16QAM	2505	20800	10	1	49	22.41	23.91	0.246
16QAM	2505	20800	10	25	0	19.81	21.31	0.135
16QAM	2505	20800	10	25	12	19.77	21.27	0.134
16QAM	2505	20800	10	25	25	19.97	21.47	0.140
16QAM	2505	20800	10	50	0	20.26	21.76	0.150
16QAM	2535	21100	10	1	0	22.46	23.96	0.249
16QAM	2535	21100	10	1	25	20.44	21.94	0.156
16QAM	2535	21100	10	1	49	22.00	23.50	0.224
16QAM	2535	21100	10	25	0	19.75	21.25	0.133
16QAM	2535	21100	10	25	12	19.60	21.10	0.129
16QAM	2535	21100	10	25	25	19.68	21.18	0.131
16QAM	2535	21100	10	50	0	19.79	21.29	0.135
16QAM	2565	21400	10	1	0	21.68	23.18	0.208
16QAM	2565	21400	10	1	25	20.15	21.65	0.146
16QAM	2565	21400	10	1	49	21.73	23.23	0.210
16QAM	2565	21400	10	25	0	18.70	20.20	0.105
16QAM	2565	21400	10	25	12	18.85	20.35	0.108
16QAM	2565	21400	10	25	25	18.84	20.34	0.108
16QAM	2565	21400	10	50	0	18.96	20.46	0.111

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	23.60	25.10	0.324
QPSK	2507.5	20825	15	1	37	22.30	23.80	0.240
QPSK	2507.5	20825	15	1	74	23.61	25.11	0.324
QPSK	2507.5	20825	15	36	0	22.02	23.52	0.225
QPSK	2507.5	20825	15	36	29	21.79	23.29	0.213
QPSK	2507.5	20825	15	36	30	22.04	23.54	0.226
QPSK	2507.5	20825	15	75	0	22.12	23.62	0.230
QPSK	2535	21100	15	1	0	22.85	24.35	0.272
QPSK	2535	21100	15	1	37	21.84	23.34	0.216
QPSK	2535	21100	15	1	74	22.66	24.16	0.261
QPSK	2535	21100	15	36	0	21.10	22.60	0.182
QPSK	2535	21100	15	36	29	20.80	22.30	0.170
QPSK	2535	21100	15	36	30	20.82	22.32	0.171
QPSK	2535	21100	15	75	0	21.06	22.56	0.180
QPSK	2562.5	21375	15	1	0	22.59	24.09	0.256
QPSK	2562.5	21375	15	1	37	21.07	22.57	0.181
QPSK	2562.5	21375	15	1	74	22.27	23.77	0.238
QPSK	2562.5	21375	15	36	0	20.16	21.66	0.147
QPSK	2562.5	21375	15	36	29	20.49	21.99	0.158
QPSK	2562.5	21375	15	36	30	20.48	21.98	0.158
QPSK	2562.5	21375	15	75	0	20.17	21.67	0.147

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	2507.5	20825	15	1	0	22.85	24.35	0.272
16QAM	2507.5	20825	15	1	37	21.45	22.95	0.197
16QAM	2507.5	20825	15	1	74	22.56	24.06	0.255
16QAM	2507.5	20825	15	36	0	20.23	21.73	0.149
16QAM	2507.5	20825	15	36	29	20.13	21.63	0.146
16QAM	2507.5	20825	15	36	30	20.16	21.66	0.147
16QAM	2507.5	20825	15	75	0	20.30	21.80	0.151
16QAM	2535	21100	15	1	0	21.53	23.03	0.201
16QAM	2535	21100	15	1	37	20.35	21.85	0.153
16QAM	2535	21100	15	1	74	21.50	23.00	0.200
16QAM	2535	21100	15	36	0	19.60	21.10	0.129
16QAM	2535	21100	15	36	29	19.36	20.86	0.122
16QAM	2535	21100	15	36	30	19.30	20.80	0.120
16QAM	2535	21100	15	75	0	19.58	21.08	0.128
16QAM	2562.5	21375	15	1	0	21.00	22.50	0.178
16QAM	2562.5	21375	15	1	37	19.40	20.90	0.123
16QAM	2562.5	21375	15	1	74	21.10	22.60	0.182
16QAM	2562.5	21375	15	36	0	18.69	20.19	0.104
16QAM	2562.5	21375	15	36	29	18.73	20.23	0.105
16QAM	2562.5	21375	15	36	30	18.73	20.23	0.105
16QAM	2562.5	21375	15	75	0	18.71	20.21	0.105

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	23.46	24.96	0.313
QPSK	2510	20850	20	1	49	22.57	24.07	0.255
QPSK	2510	20850	20	1	99	22.17	23.67	0.233
QPSK	2510	20850	20	50	0	21.67	23.17	0.207
QPSK	2510	20850	20	50	24	21.25	22.75	0.188
QPSK	2510	20850	20	50	50	21.33	22.83	0.192
QPSK	2510	20850	20	100	0	21.57	23.07	0.203
QPSK	2535	21100	20	1	0	22.27	23.77	0.238
QPSK	2535	21100	20	1	49	22.03	23.53	0.225
QPSK	2535	21100	20	1	99	22.40	23.90	0.245
QPSK	2535	21100	20	50	0	20.71	22.21	0.166
QPSK	2535	21100	20	50	24	20.72	22.22	0.167
QPSK	2535	21100	20	50	50	20.74	22.24	0.167
QPSK	2535	21100	20	100	0	20.98	22.48	0.177
QPSK	2560	21350	20	1	0	21.78	23.28	0.213
QPSK	2560	21350	20	1	49	21.57	23.07	0.203
QPSK	2560	21350	20	1	99	22.32	23.82	0.241
QPSK	2560	21350	20	50	0	19.99	21.49	0.141
QPSK	2560	21350	20	50	24	20.28	21.78	0.151
QPSK	2560	21350	20	50	50	20.62	22.12	0.163
QPSK	2560	21350	20	100	0	20.52	22.02	0.159

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	2510	20850	20	1	0	22.02	23.52	0.225
16QAM	2510	20850	20	1	49	21.49	22.99	0.199
16QAM	2510	20850	20	1	99	20.68	22.18	0.165
16QAM	2510	20850	20	50	0	19.68	21.18	0.131
16QAM	2510	20850	20	50	24	19.29	20.79	0.120
16QAM	2510	20850	20	50	50	19.56	21.06	0.128
16QAM	2510	20850	20	100	0	19.61	21.11	0.129
16QAM	2535	21100	20	1	0	20.44	21.94	0.156
16QAM	2535	21100	20	1	49	20.56	22.06	0.161
16QAM	2535	21100	20	1	99	21.29	22.79	0.190
16QAM	2535	21100	20	50	0	19.22	20.72	0.118
16QAM	2535	21100	20	50	24	19.36	20.86	0.122
16QAM	2535	21100	20	50	50	19.36	20.86	0.122
16QAM	2535	21100	20	100	0	19.60	21.10	0.129
16QAM	2560	21350	20	1	0	20.63	22.13	0.163
16QAM	2560	21350	20	1	49	20.11	21.61	0.145
16QAM	2560	21350	20	1	99	20.98	22.48	0.177
16QAM	2560	21350	20	50	0	18.55	20.05	0.101
16QAM	2560	21350	20	50	24	18.54	20.04	0.101
16QAM	2560	21350	20	50	50	18.97	20.47	0.111
16QAM	2560	21350	20	100	0	18.83	20.33	0.108