

Test Mode: QPSK

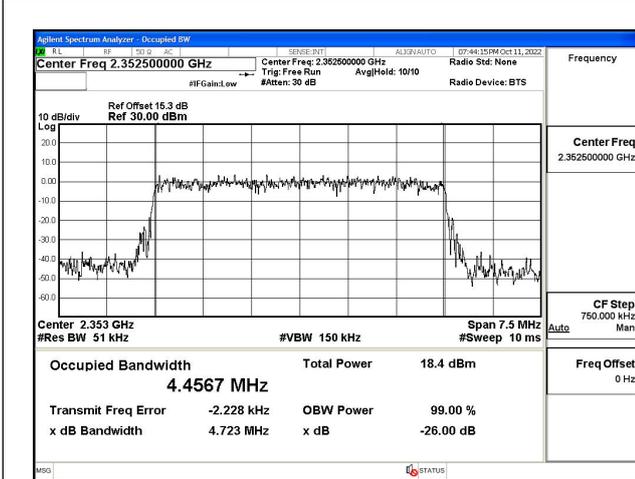


Fig.1

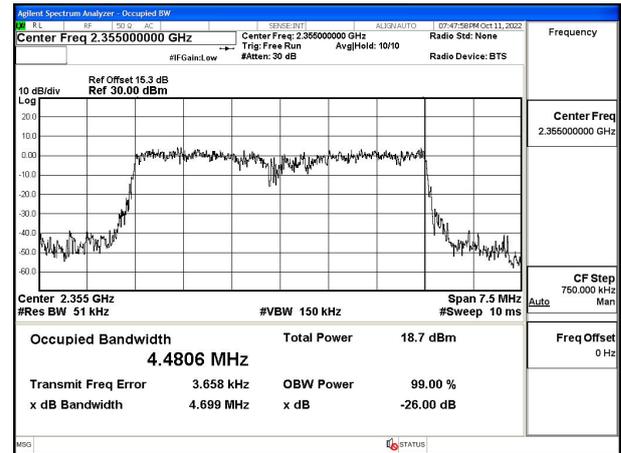


Fig.2

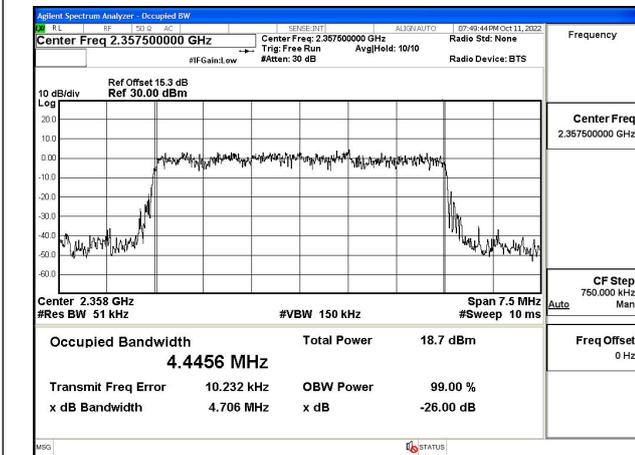


Fig.3

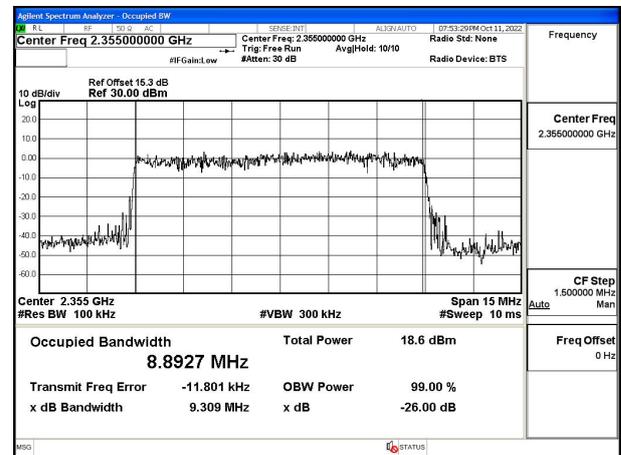


Fig.4

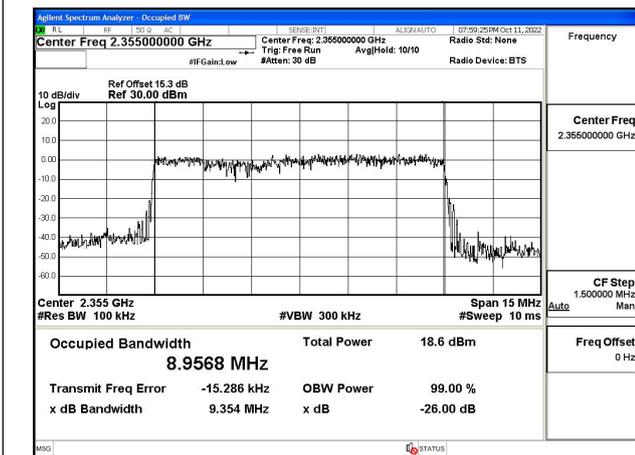


Fig.5

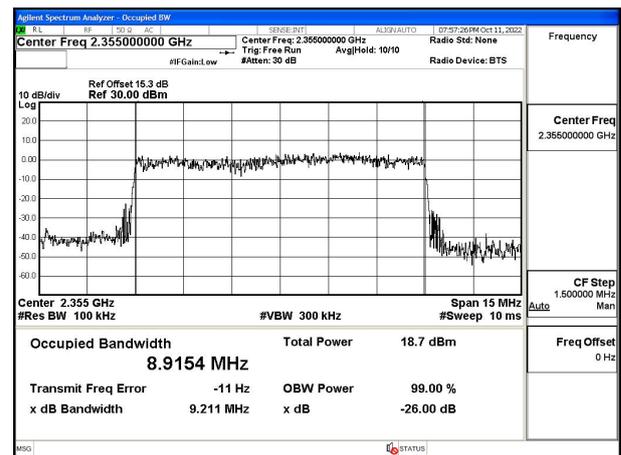


Fig.6

Test Mode: 16QAM

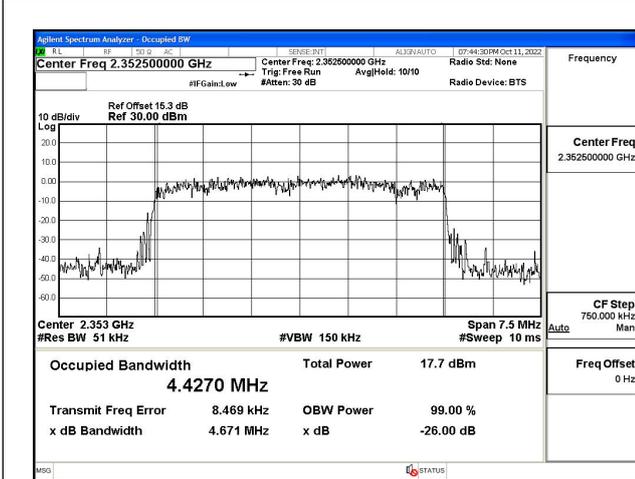


Fig.7

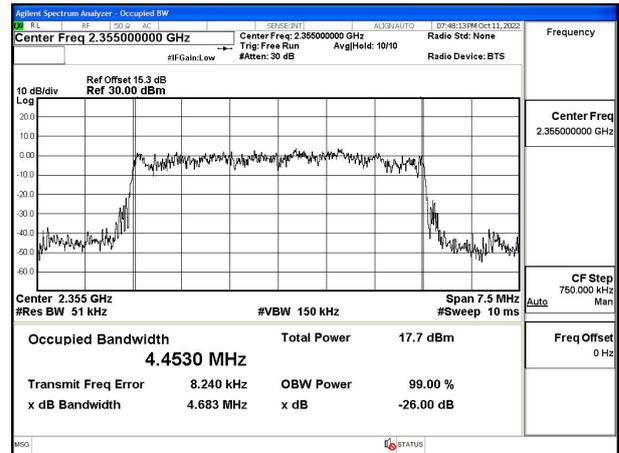


Fig.8

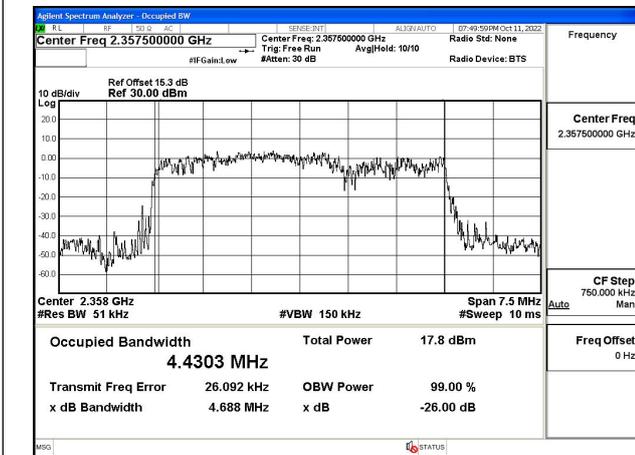


Fig.9

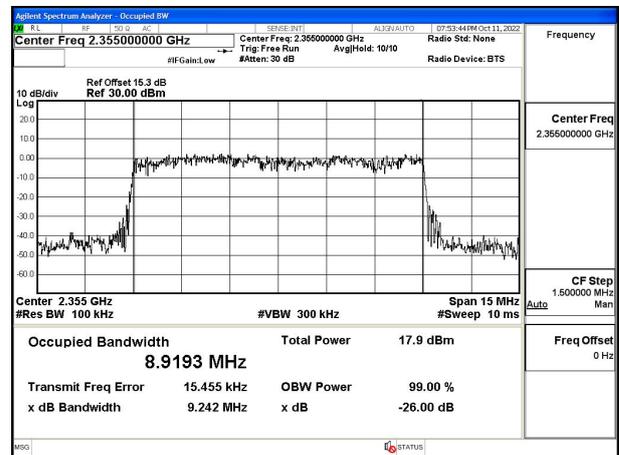


Fig.10

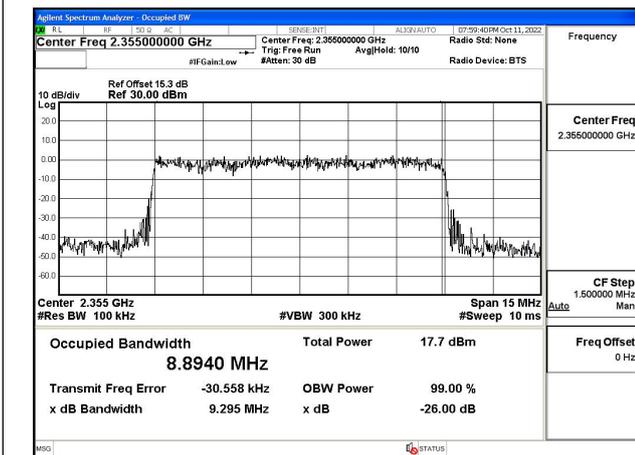


Fig.11

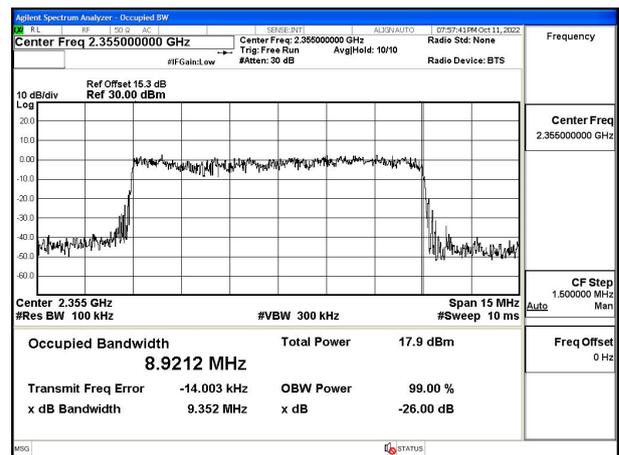


Fig.12

11 Emission Bandwidth

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
40	QPSK	2352.5	39175	5	25	0	4.723	Fig.1
40	QPSK	2355	39200	5	25	0	4.699	Fig.2
40	QPSK	2357.5	39225	5	25	0	4.706	Fig.3
40	QPSK	2355	39200	10	50	0	9.211	Fig.6

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
40	16QAM	2352.5	39175	5	25	0	4.671	Fig.7
40	16QAM	2355	39200	5	25	0	4.683	Fig.8
40	16QAM	2357.5	39225	5	25	0	4.688	Fig.9
40	16QAM	2355	39200	10	50	0	9.352	Fig.12

Test Mode: QPSK

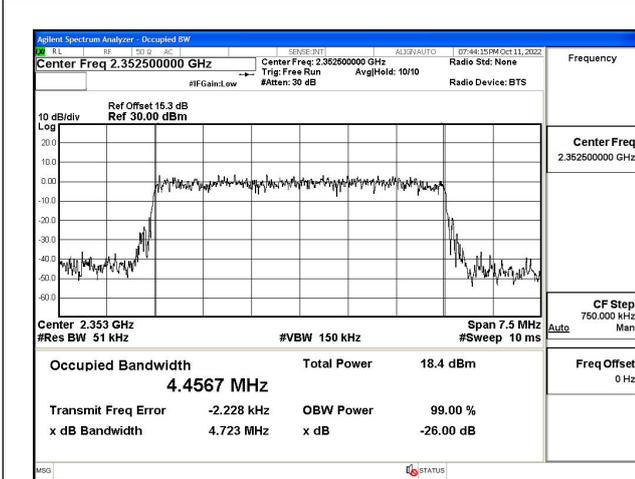


Fig.1

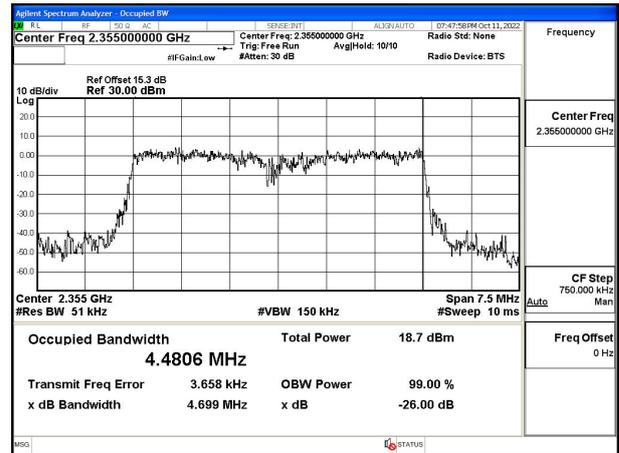


Fig.2

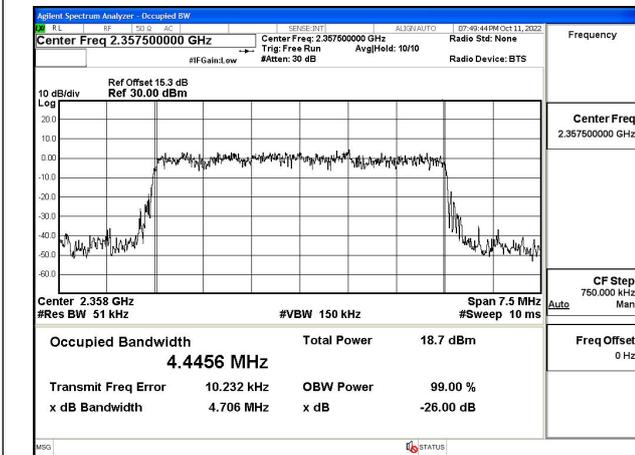


Fig.3

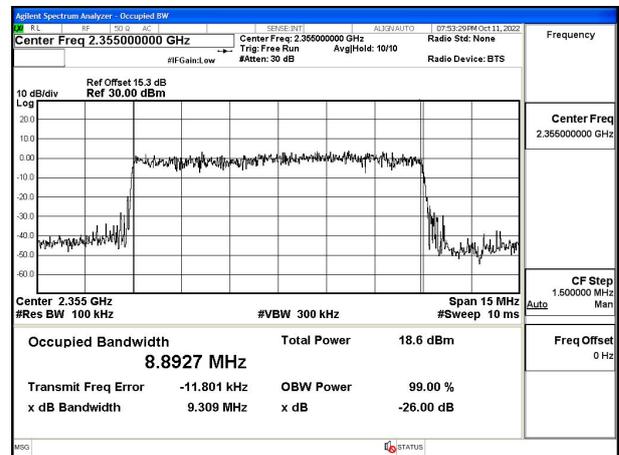


Fig.4

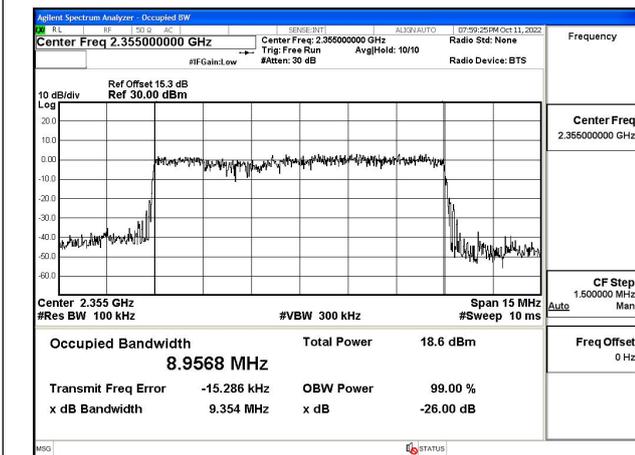


Fig.5

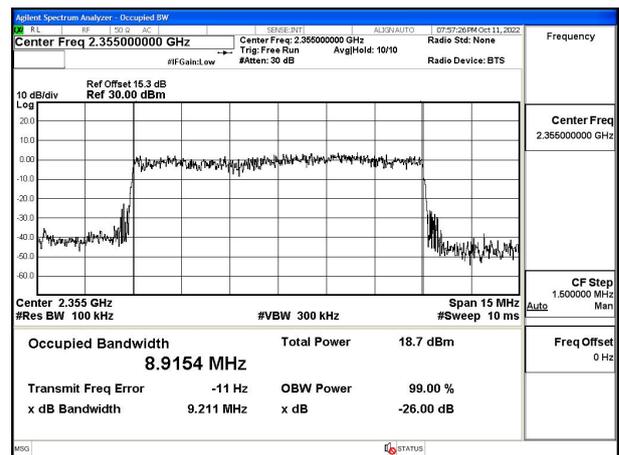


Fig.6

Test Mode: 16QAM

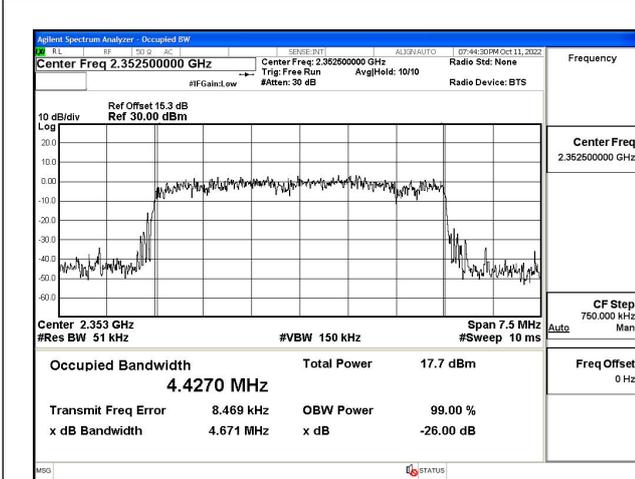


Fig.7

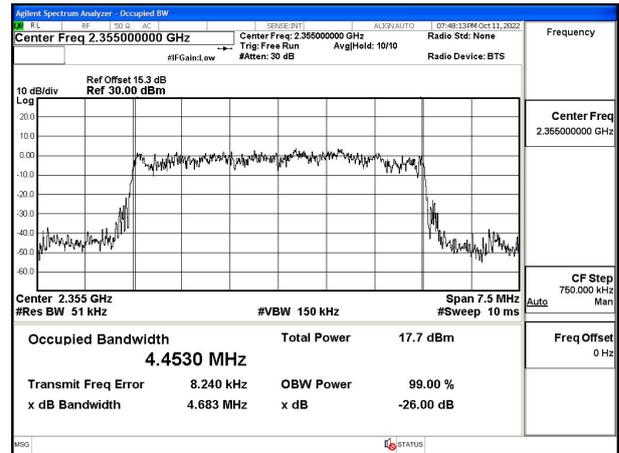


Fig.8

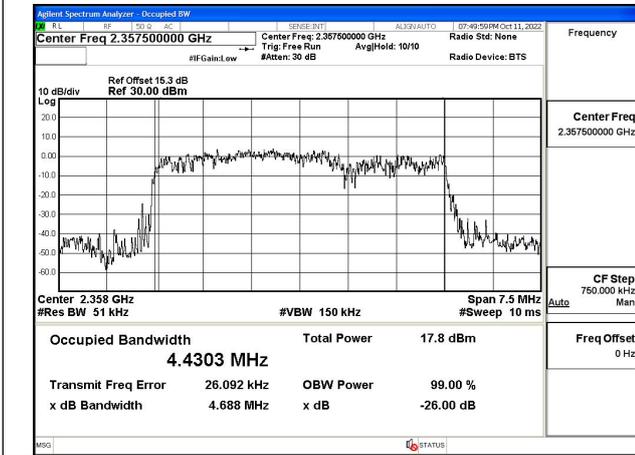


Fig.9

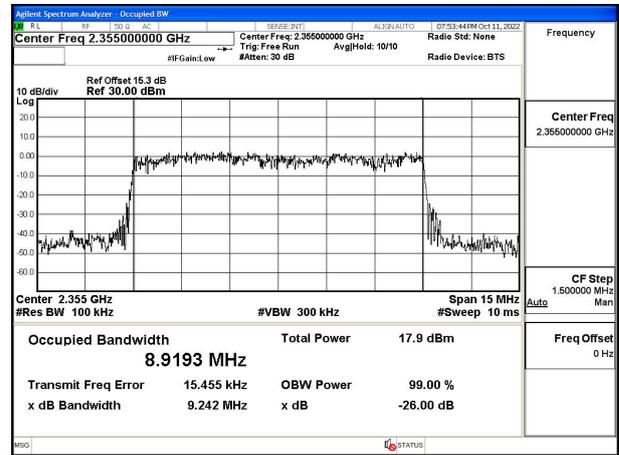


Fig.10

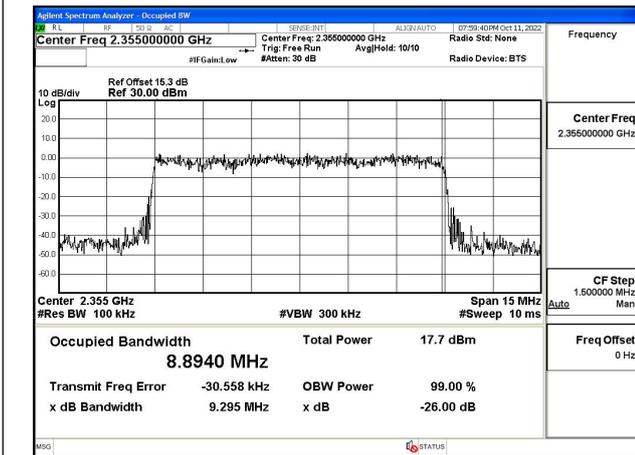


Fig.11

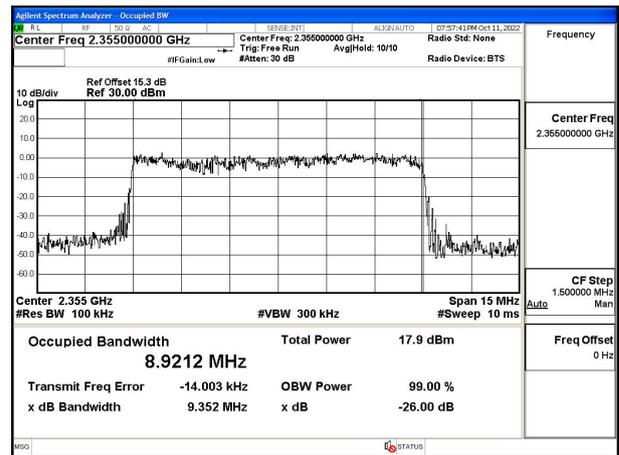


Fig.12

12 Peak-Average Ratio

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	QPSK	16-QAM	64-QAM
40	2352.5	39175	5	1	24	Fig.1	Fig.2	---
40	2352.5	39175	5	25	0	Fig.3	Fig.4	---
40	2355	39200	5	1	24	Fig.5	Fig.6	---
40	2355	39200	5	25	0	Fig.7	Fig.8	---
40	2357.5	39225	5	1	24	Fig.9	Fig.10	---
40	2357.5	39225	5	25	0	Fig.11	Fig.12	---
40	2355	39200	10	1	49	Fig.21	Fig.22	---
40	2355	39200	10	50	0	Fig.23	Fig.24	---

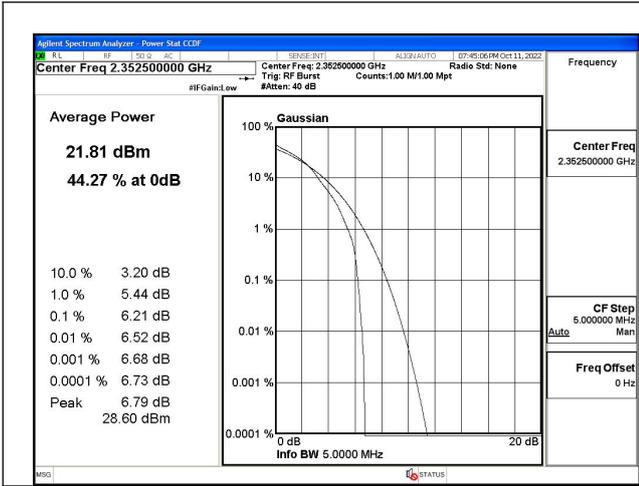


Fig.1

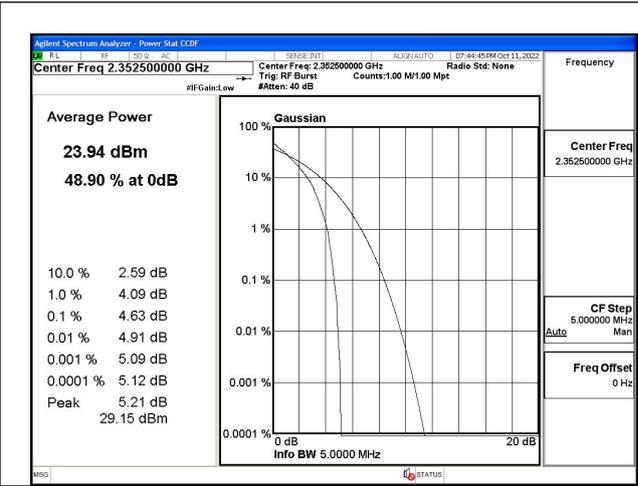


Fig.2

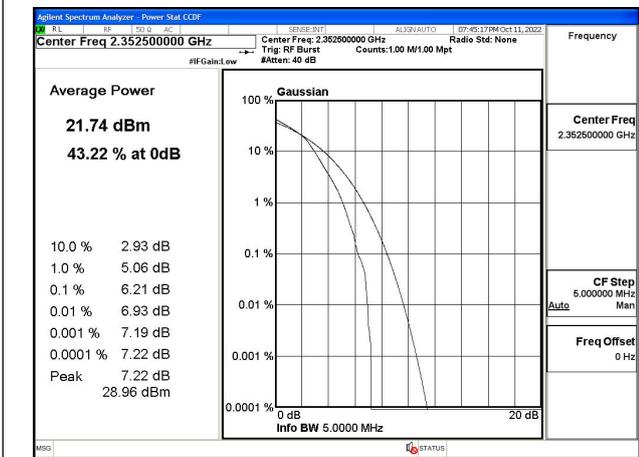


Fig.3

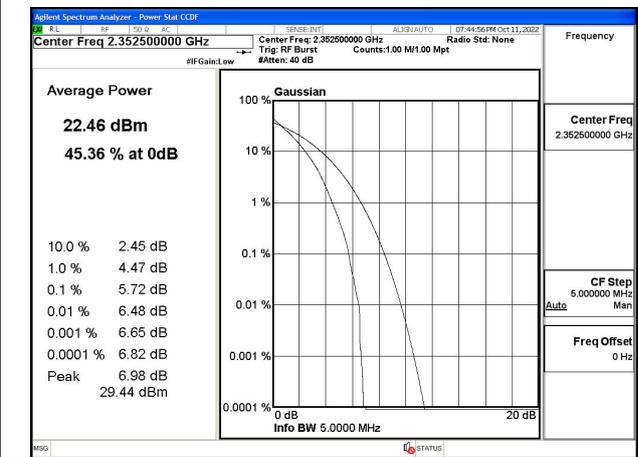


Fig.4

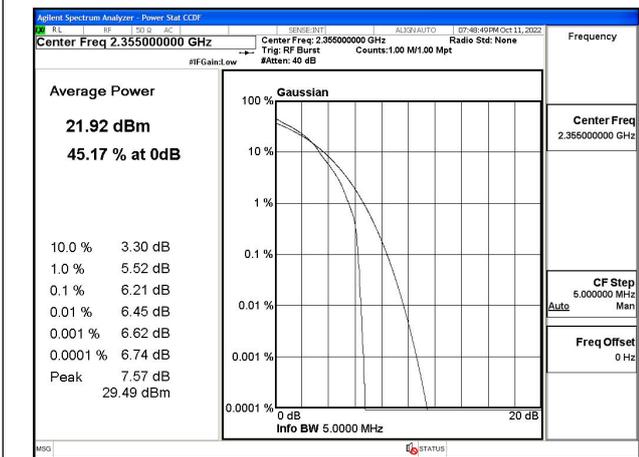


Fig.5

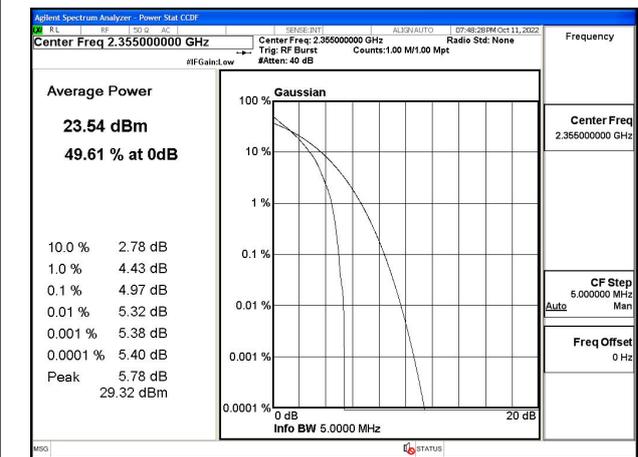


Fig.6

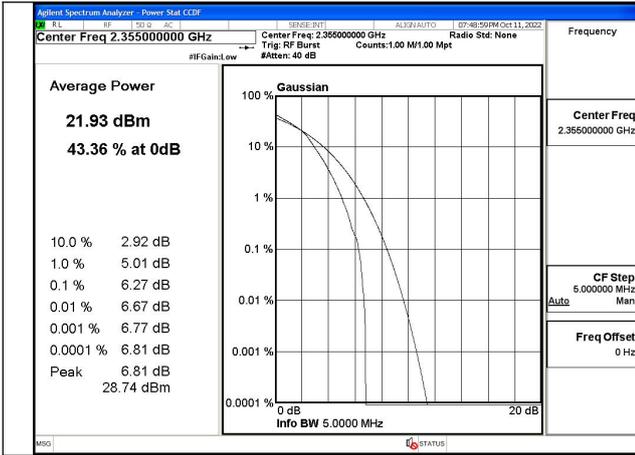


Fig.7

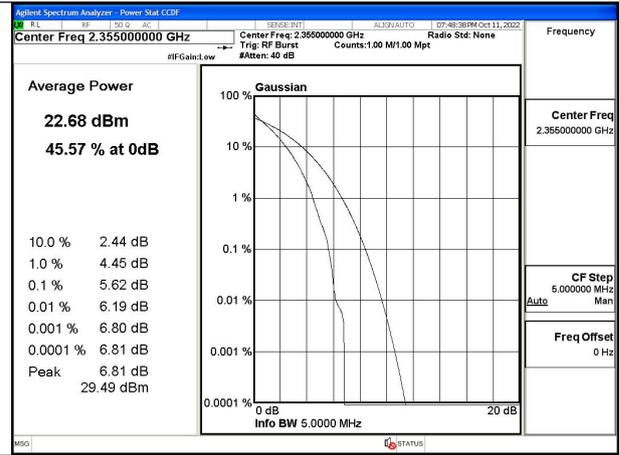


Fig.8

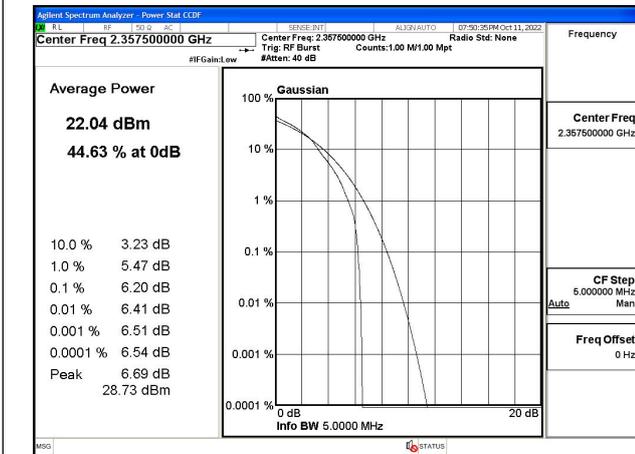


Fig.9

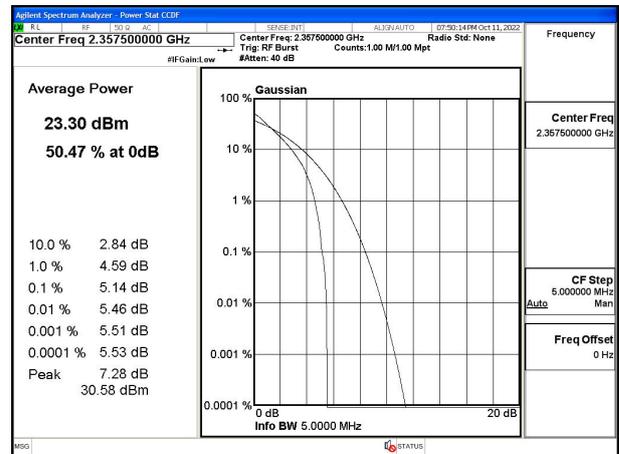


Fig.10

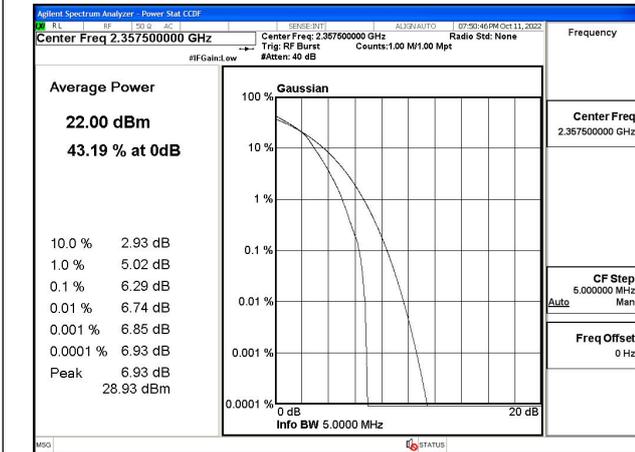


Fig.11

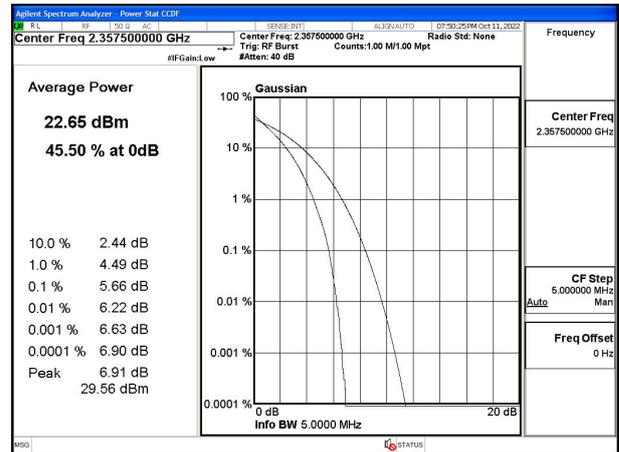


Fig.12

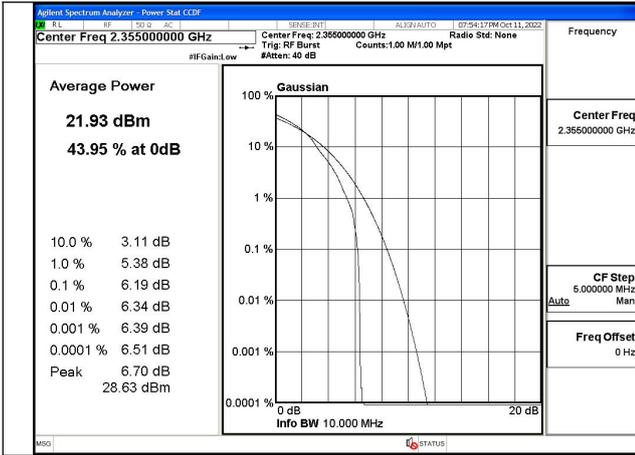


Fig.13

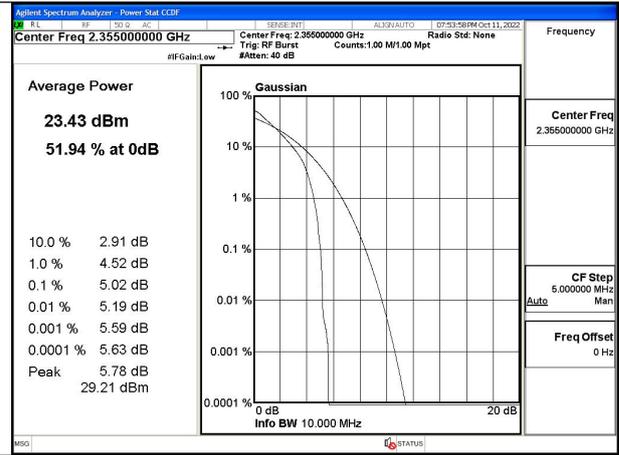


Fig.14

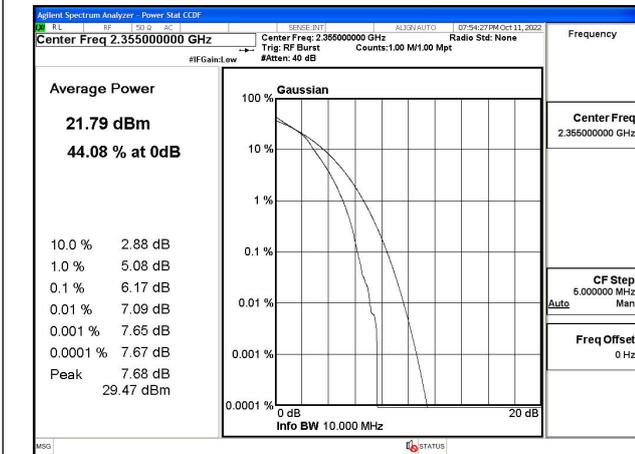


Fig.15

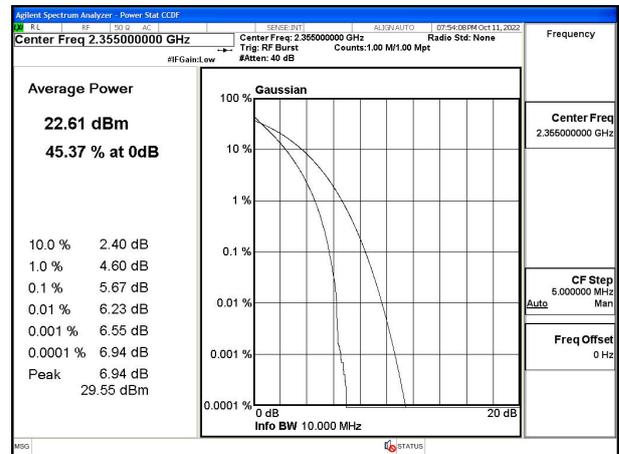


Fig.16

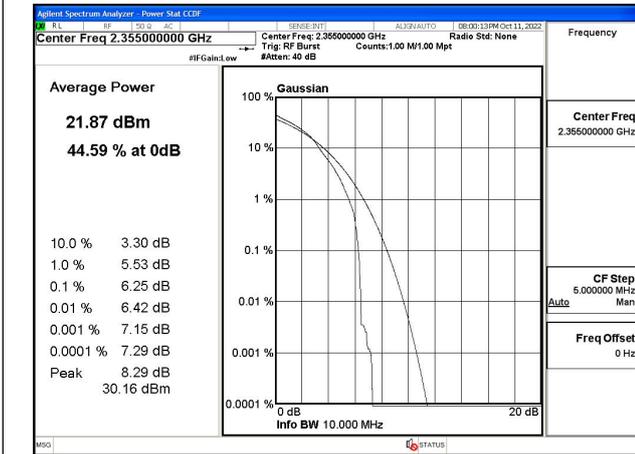


Fig.17

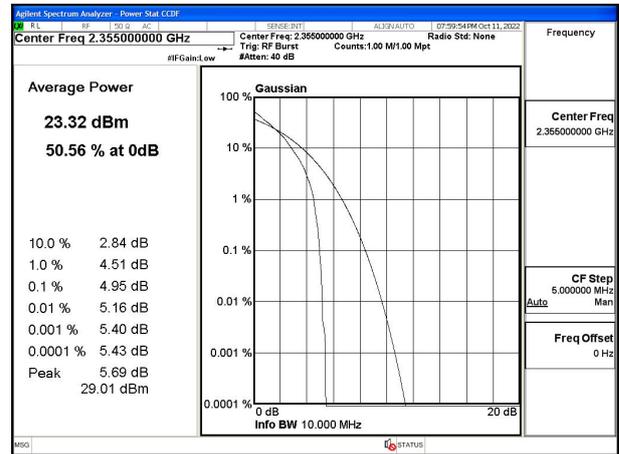


Fig.18

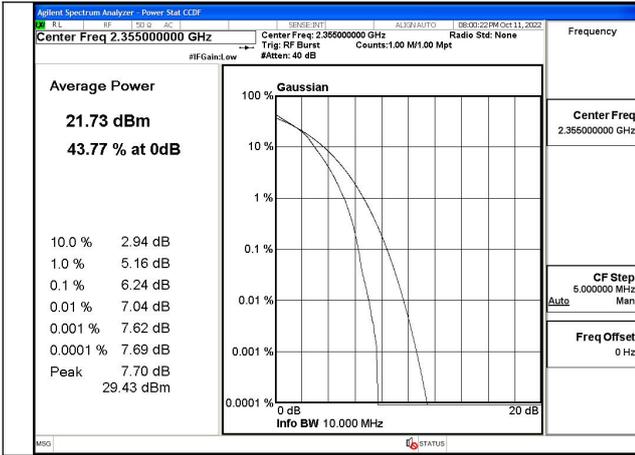


Fig.19

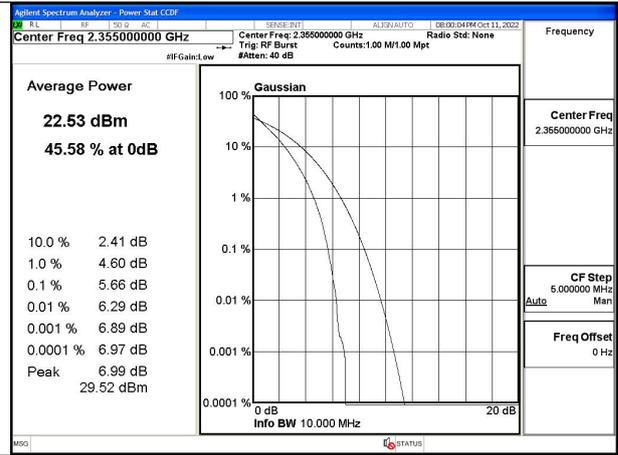


Fig.20

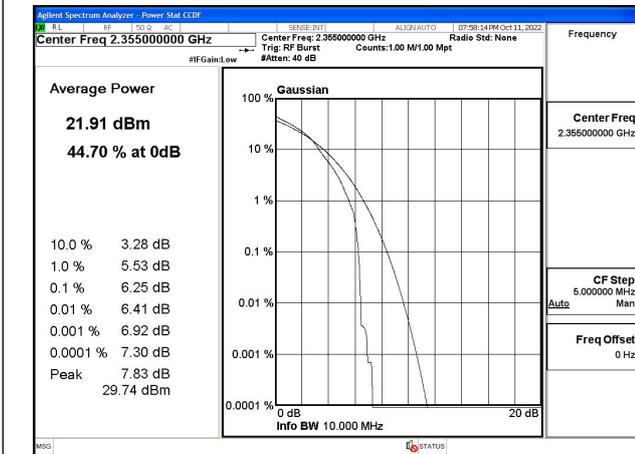


Fig.21

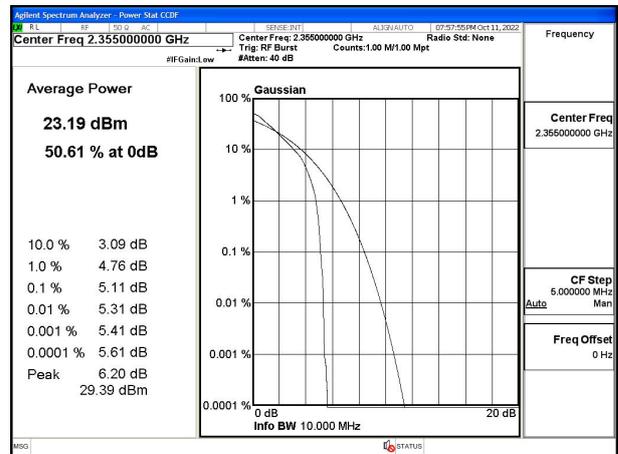


Fig.22

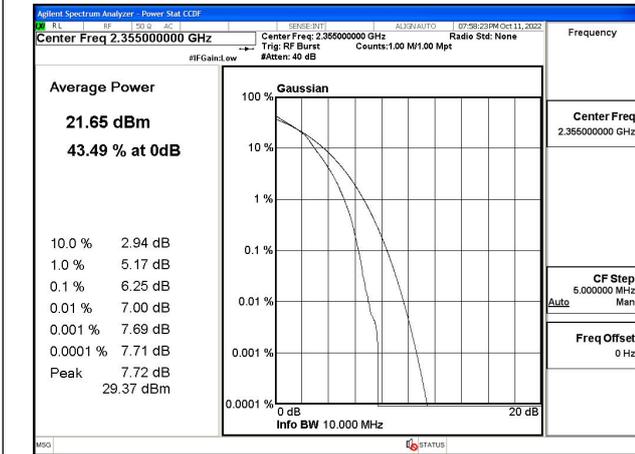


Fig.23

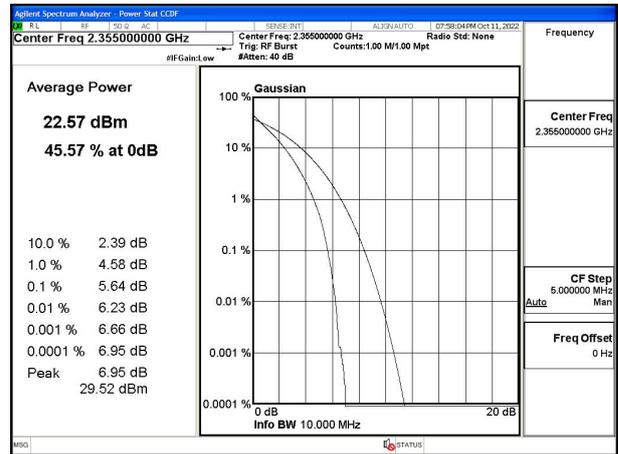


Fig.24

13 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
40	2355	39200	10	1	0	Fig.1

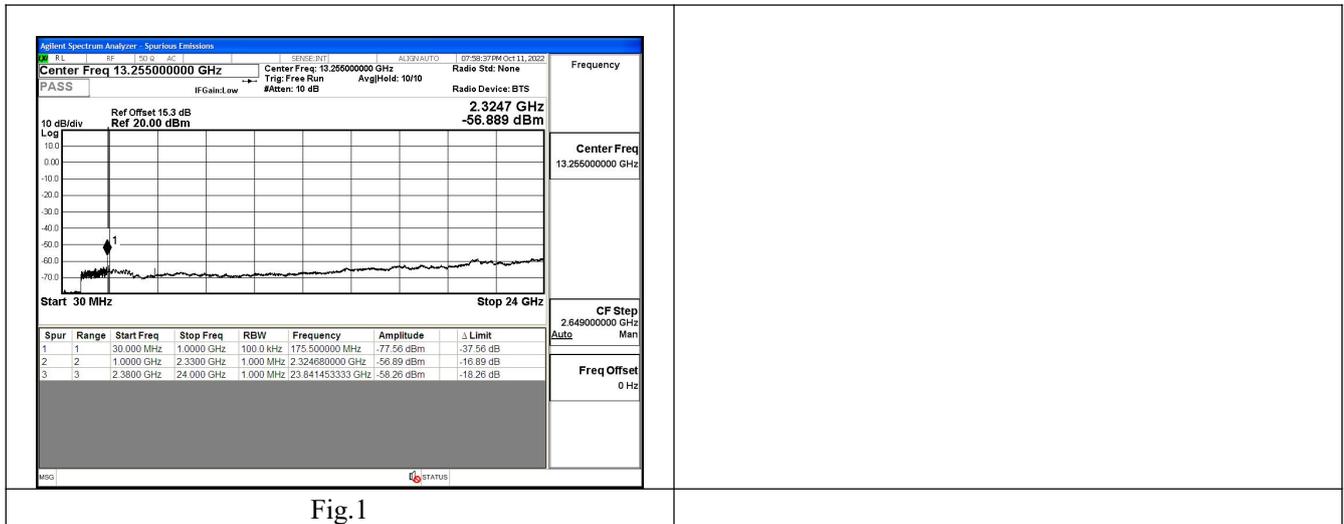


Fig.1

14 Band Edges Compliance

Band	Mode	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
40	QPSK	2352.5	39175	5	1	0	Fig.1
40	QPSK	2352.5	39175	5	25	0	Fig.2
40	QPSK	2357.5	39225	5	1	24	Fig.3
40	QPSK	2357.5	39225	5	25	0	Fig.4
40	QPSK	2310	38750	10	1	0	Fig.5
40	QPSK	2310	38750	10	50	0	Fig.6
40	QPSK	2310	38750	10	1	49	Fig.7

Test Mode: QPSK

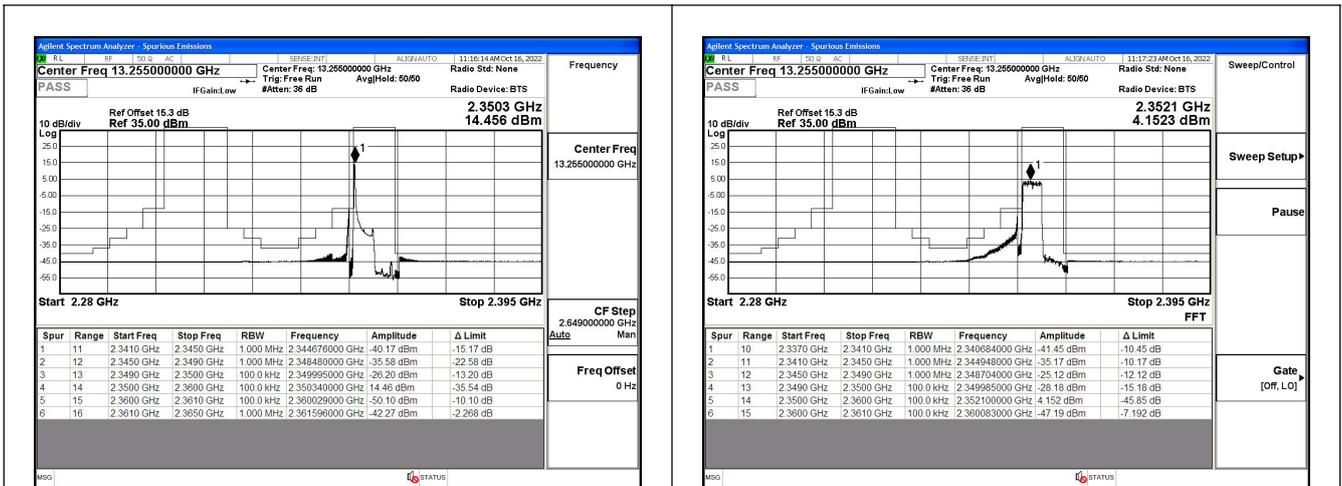


Fig.1

Fig.2



Fig.3

Fig.4

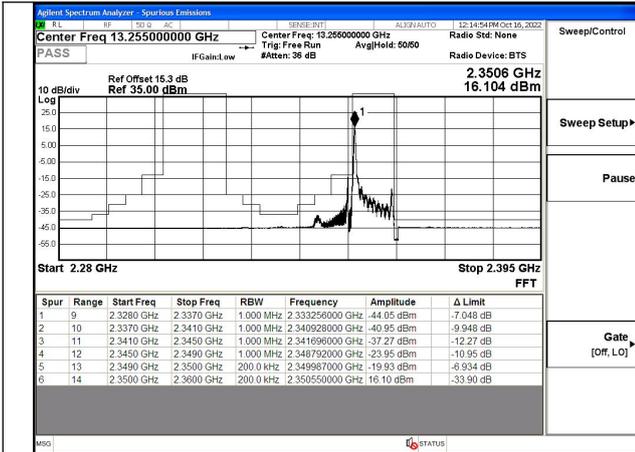


Fig.5

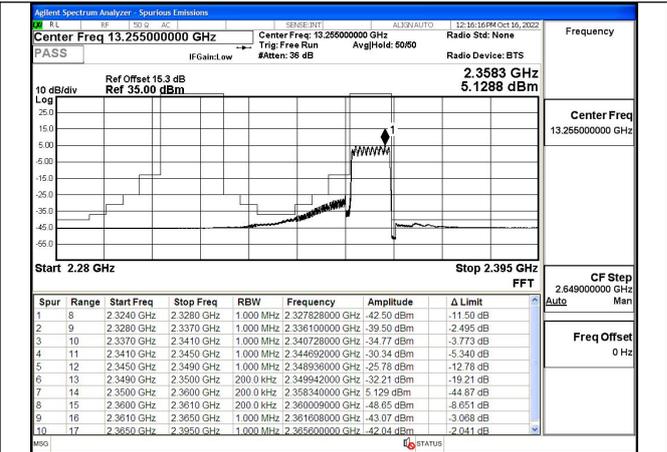


Fig.6

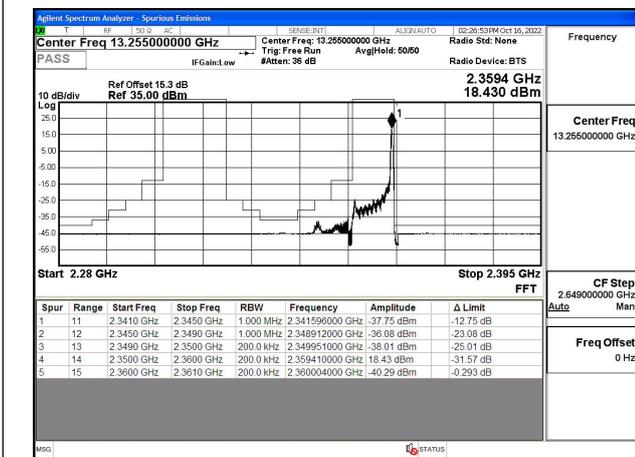


Fig.7

15 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band 40(2350-2360) Low Channel QPSK	
		5M	10M
-20	NV	-0.001	0.001
-10	NV	0.001	0.001
0	NV	0.007	-0.006
+10	NV	-0.012	0.004
+20	NV	0.003	-0.003
+30	NV	0.011	0.006
+40	NV	0.006	0.004
+50	NV	-0.003	-0.001
+60	NV	0.001	-0.007
+20	LV	-0.003	-0.005
+20	HV	0.003	0.012

Temperature(°C)	Voltage	Test Result (ppm) Band 40(2350-2360) High Channel QPSK	
		5M	10M
-20	NV	0.007	0.002
-10	NV	0.009	0.003
0	NV	0.002	-0.019
+10	NV	-0.007	-0.011
+20	NV	0.010	-0.003
+30	NV	0.008	0.006
+40	NV	0.013	0.004
+50	NV	0.009	-0.003
+60	NV	-0.006	-0.010
+20	LV	-0.004	-0.007
+20	HV	0.003	0.010

16 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	2352.5	39175	5	1	0	24.01	23.07	0.203
QPSK	2352.5	39175	5	1	12	23.57	22.63	0.183
QPSK	2352.5	39175	5	1	24	23.47	22.53	0.179
QPSK	2352.5	39175	5	12	0	22.57	21.63	0.146
QPSK	2352.5	39175	5	12	7	22.38	21.44	0.139
QPSK	2352.5	39175	5	12	13	22.50	21.56	0.143
QPSK	2352.5	39175	5	25	0	22.53	21.59	0.144
QPSK	2355	39200	5	1	0	23.96	23.02	0.200
QPSK	2355	39200	5	1	12	23.85	22.91	0.195
QPSK	2355	39200	5	1	24	23.89	22.95	0.197
QPSK	2355	39200	5	12	0	22.61	21.67	0.147
QPSK	2355	39200	5	12	7	22.58	21.64	0.146
QPSK	2355	39200	5	12	13	22.41	21.47	0.140
QPSK	2355	39200	5	25	0	22.46	21.52	0.142
QPSK	2357.5	39225	5	1	0	23.70	22.76	0.189
QPSK	2357.5	39225	5	1	12	23.88	22.94	0.197
QPSK	2357.5	39225	5	1	24	23.79	22.85	0.193
QPSK	2357.5	39225	5	12	0	22.55	21.61	0.145
QPSK	2357.5	39225	5	12	7	22.64	21.70	0.148
QPSK	2357.5	39225	5	12	13	22.48	21.54	0.143
QPSK	2357.5	39225	5	25	0	22.59	21.65	0.146

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	2352.5	39175	5	1	0	22.69	21.75	0.150
16QAM	2352.5	39175	5	1	12	22.42	21.48	0.141
16QAM	2352.5	39175	5	1	24	22.22	21.28	0.134
16QAM	2352.5	39175	5	12	0	21.56	20.62	0.115
16QAM	2352.5	39175	5	12	7	21.68	20.74	0.119
16QAM	2352.5	39175	5	12	13	21.65	20.71	0.118
16QAM	2352.5	39175	5	25	0	21.67	20.73	0.118
16QAM	2355	39200	5	1	0	22.23	21.29	0.135
16QAM	2355	39200	5	1	12	22.21	21.27	0.134
16QAM	2355	39200	5	1	24	22.17	21.23	0.133
16QAM	2355	39200	5	12	0	21.66	20.72	0.118
16QAM	2355	39200	5	12	7	21.61	20.67	0.117
16QAM	2355	39200	5	12	13	21.61	20.67	0.117
16QAM	2355	39200	5	25	0	21.64	20.70	0.117
16QAM	2357.5	39225	5	1	0	22.47	21.53	0.142
16QAM	2357.5	39225	5	1	12	22.39	21.45	0.140
16QAM	2357.5	39225	5	1	24	22.40	21.46	0.140
16QAM	2357.5	39225	5	12	0	21.71	20.77	0.119
16QAM	2357.5	39225	5	12	7	21.69	20.75	0.119
16QAM	2357.5	39225	5	12	13	21.70	20.76	0.119
16QAM	2357.5	39225	5	25	0	21.83	20.89	0.123

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	2355	39200	10	1	0	23.88	22.94	0.197
QPSK	2355	39200	10	1	25	23.89	22.95	0.197
QPSK	2355	39200	10	1	49	23.73	22.79	0.190
QPSK	2355	39200	10	25	0	22.41	21.47	0.140
QPSK	2355	39200	10	25	12	22.48	21.54	0.143
QPSK	2355	39200	10	25	25	22.40	21.46	0.140
QPSK	2355	39200	10	50	0	22.48	21.54	0.143

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	2355	39200	10	1	0	22.31	21.37	0.137
16QAM	2355	39200	10	1	25	22.25	21.31	0.135
16QAM	2355	39200	10	1	49	22.18	21.24	0.133
16QAM	2355	39200	10	25	0	21.69	20.75	0.119
16QAM	2355	39200	10	25	12	21.72	20.78	0.120
16QAM	2355	39200	10	25	25	21.60	20.66	0.116
16QAM	2355	39200	10	50	0	21.68	20.74	0.119