

Fig.5

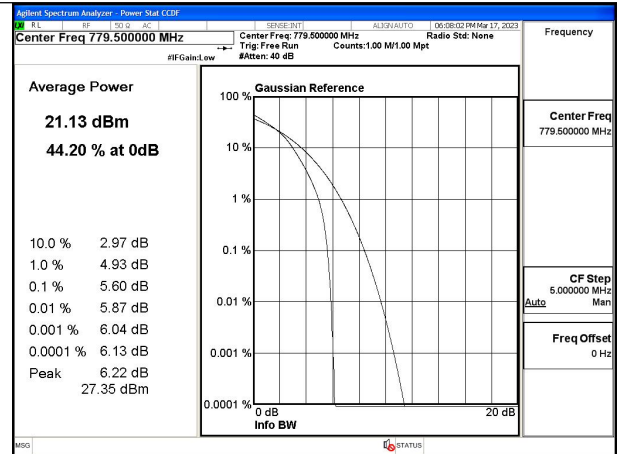


Fig.6

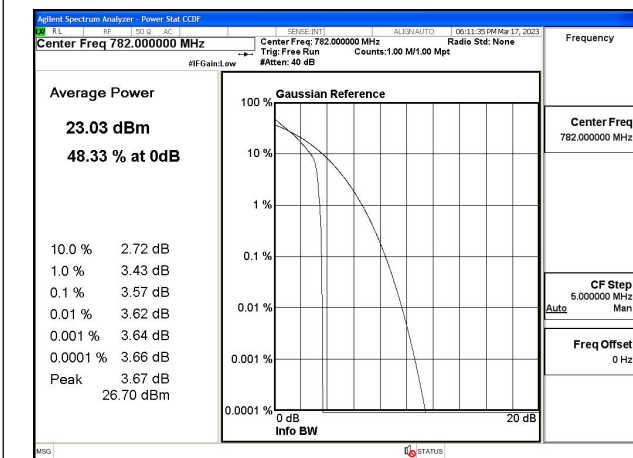


Fig.7

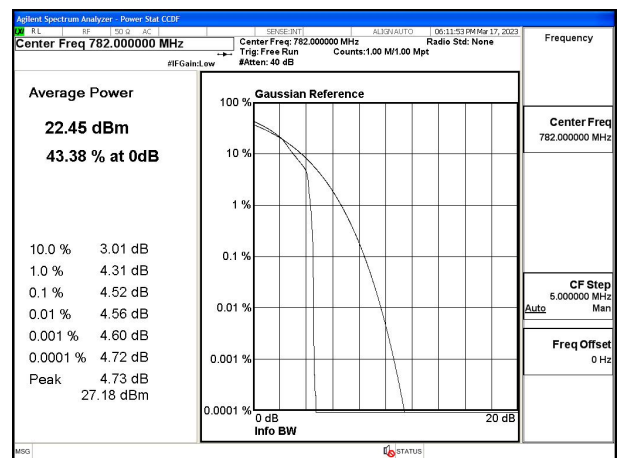


Fig.8

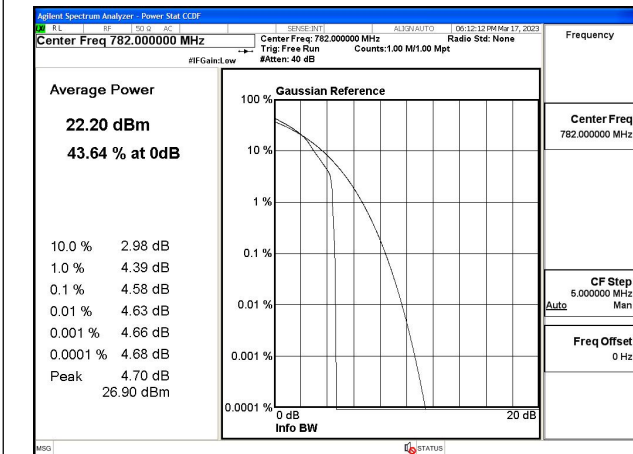


Fig.9

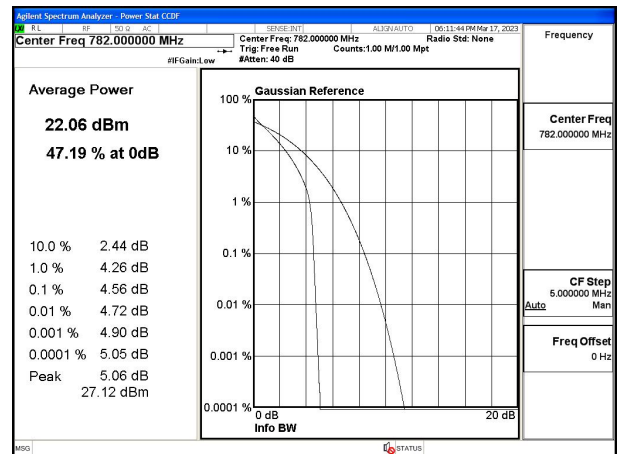


Fig.10

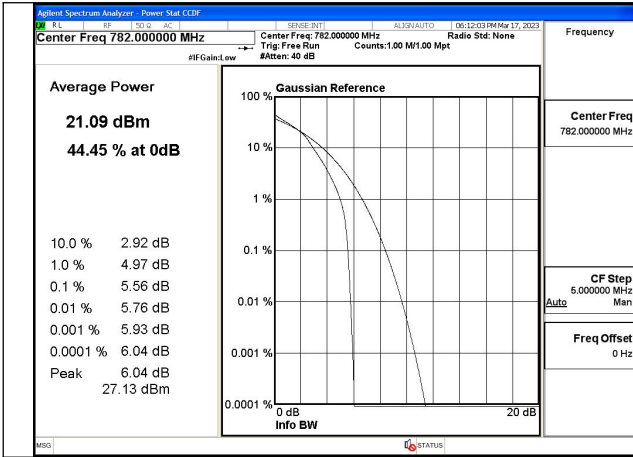


Fig. 11

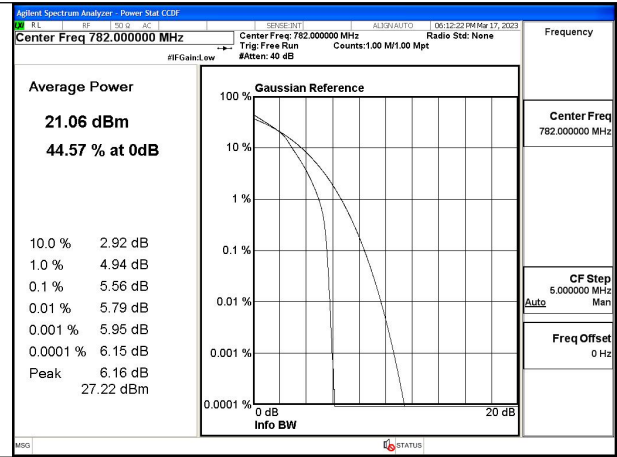


Fig. 12

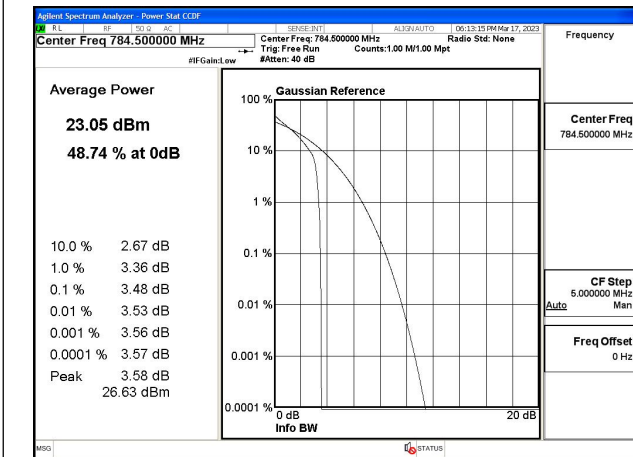


Fig. 13

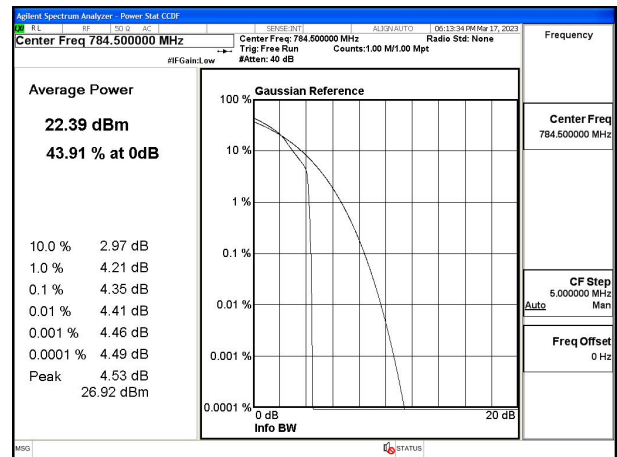


Fig. 14

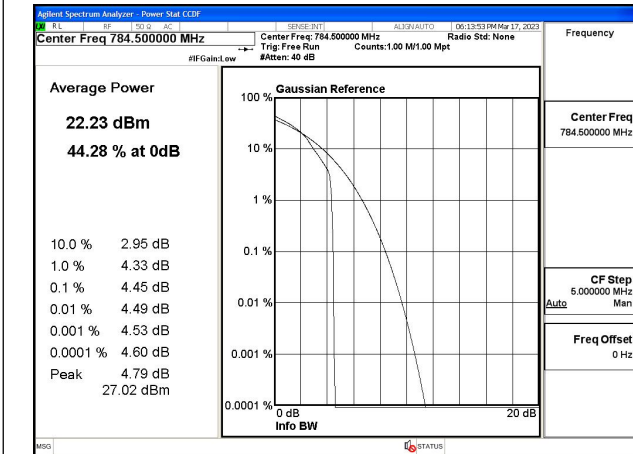


Fig. 15

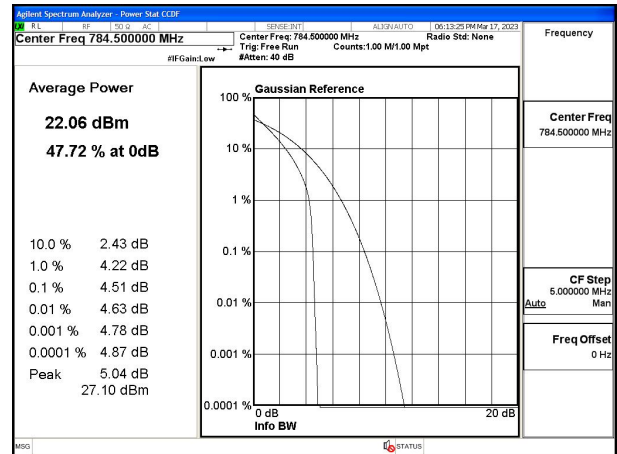


Fig. 16

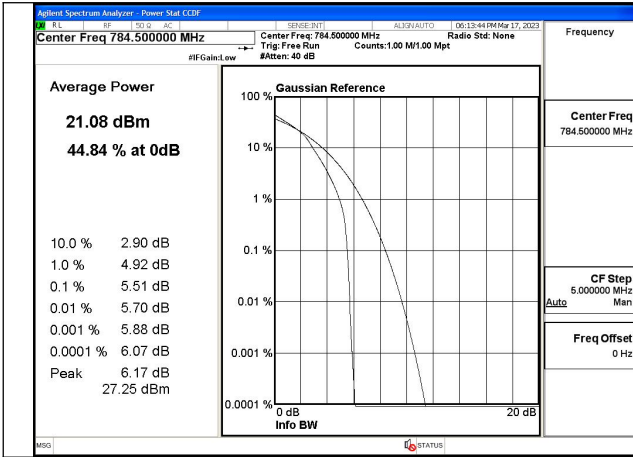


Fig.17

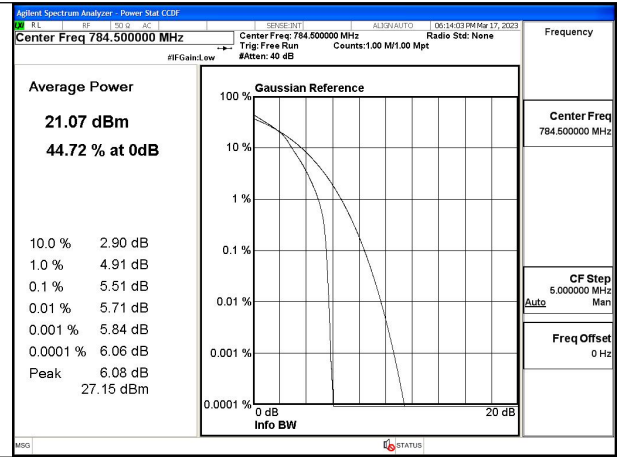


Fig.18

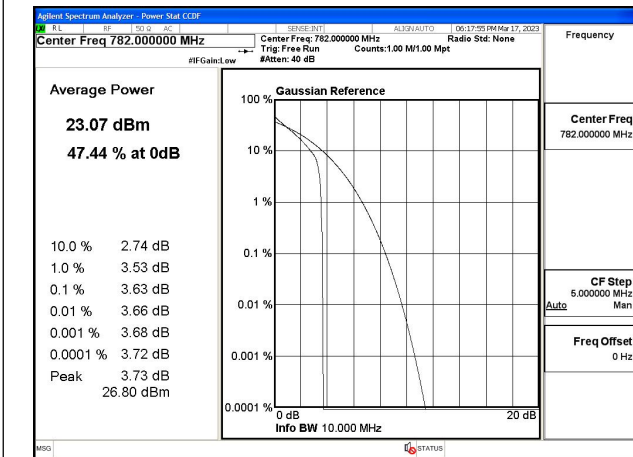


Fig.19

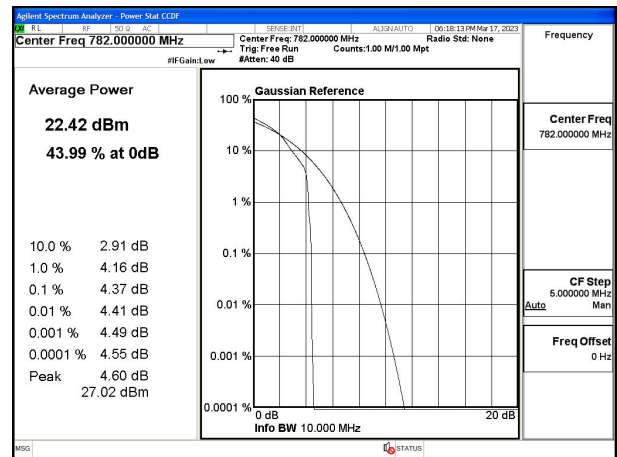


Fig.20

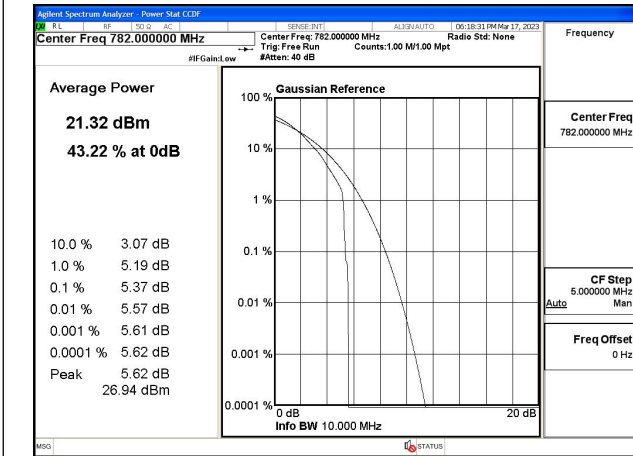


Fig.21

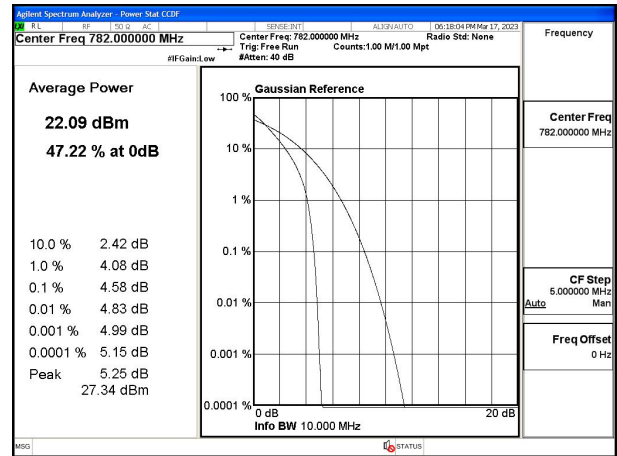


Fig.22

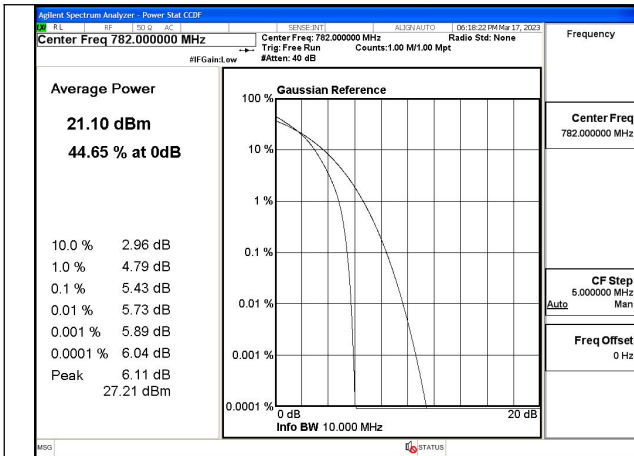


Fig.23

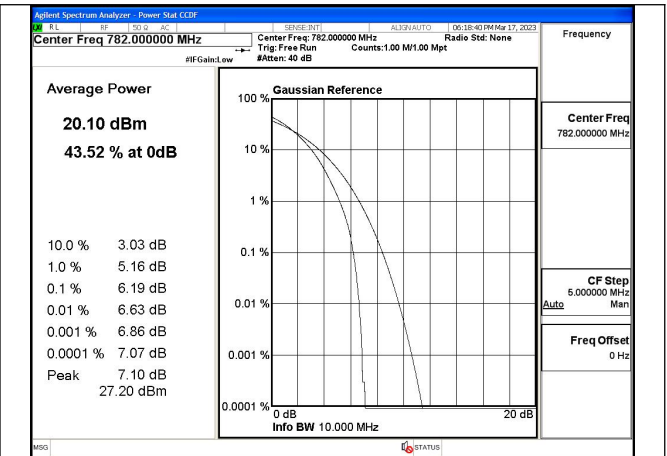


Fig.24

5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
13	782	23230	10	1	0	Fig.1
13	782	23230	10	1	0	Fig.2
13	782	23230	10	1	0	Fig.3

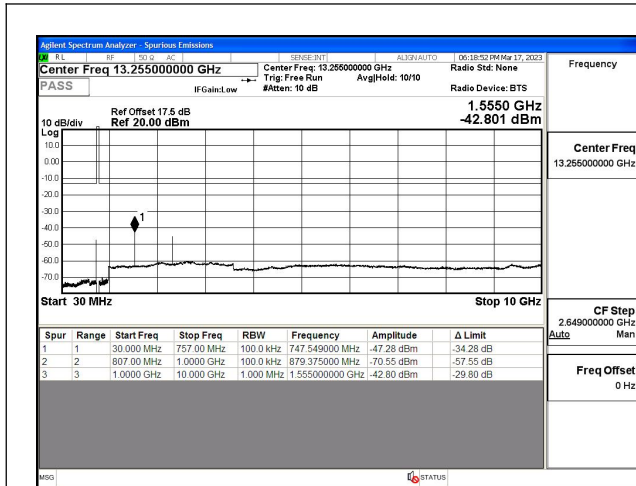


Fig.1

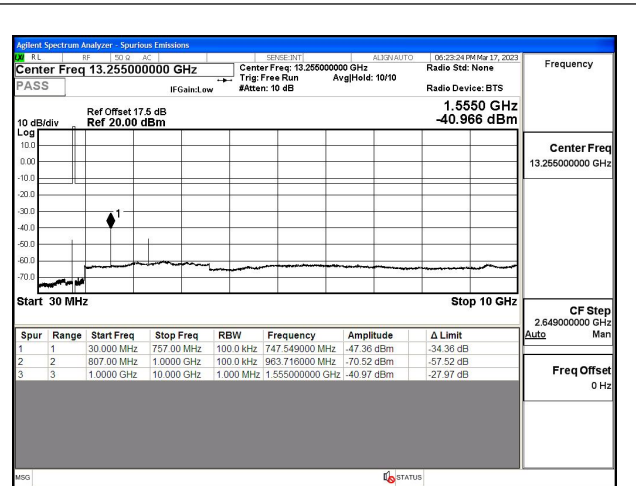


Fig.2

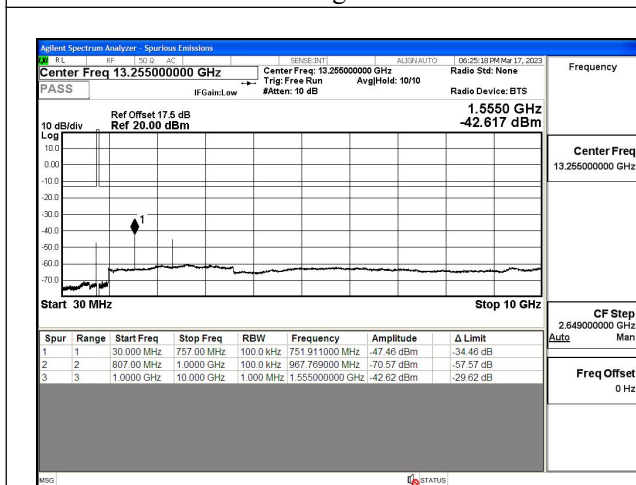


Fig.3

6 Band Edges Compliance

Band	Mode	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
13	QPSK	779.5	23205	5	1	0	Fig.1
13	QPSK	779.5	23205	5	1	0	Fig.2
13	QPSK	779.5	23205	5	25	0	Fig.3
13	QPSK	779.5	23205	5	25	0	Fig.4
13	QPSK	784.5	23255	5	1	24	Fig.5
13	QPSK	784.5	23255	5	1	24	Fig.6
13	QPSK	784.5	23255	5	25	0	Fig.7
13	QPSK	784.5	23255	5	25	0	Fig.8
13	QPSK	782	23230	10	1	0	Fig.9
13	QPSK	782	23230	10	1	0	Fig.10
13	QPSK	782	23230	10	50	0	Fig.11
13	QPSK	782	23230	10	50	0	Fig.12
13	QPSK	782	23230	10	1	49	Fig.13
13	QPSK	782	23230	10	1	49	Fig.14
13	QPSK	782	23230	10	50	0	Fig.15
13	QPSK	782	23230	10	50	0	Fig.16

Test Mode: QPSK

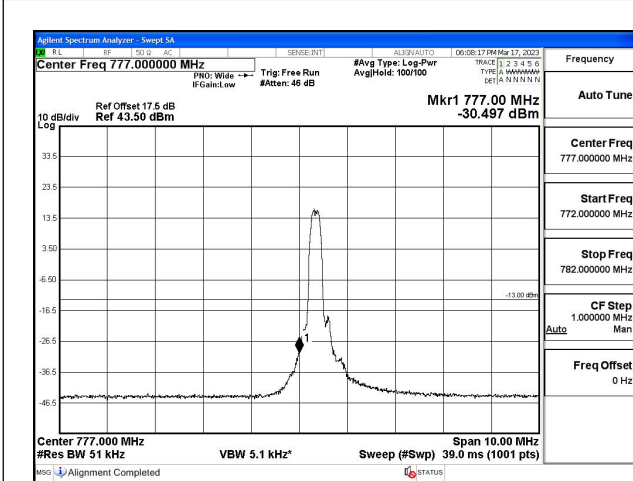


Fig.1

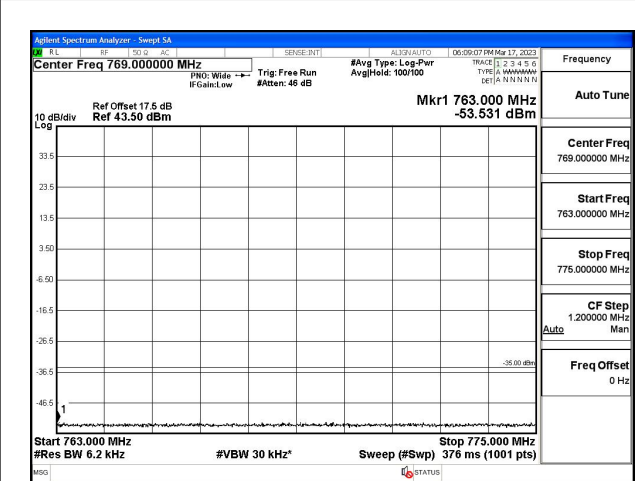


Fig.2

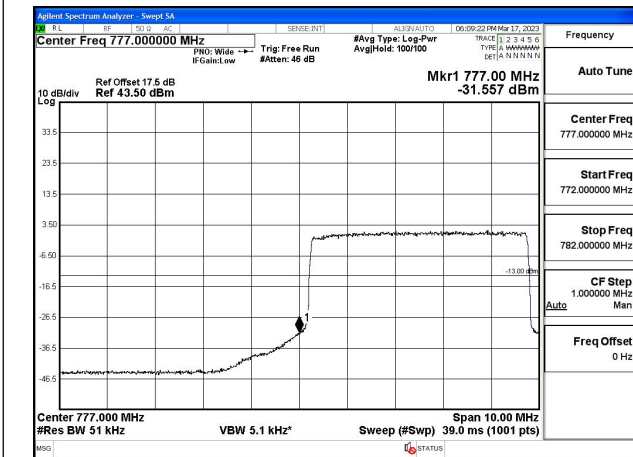


Fig.3

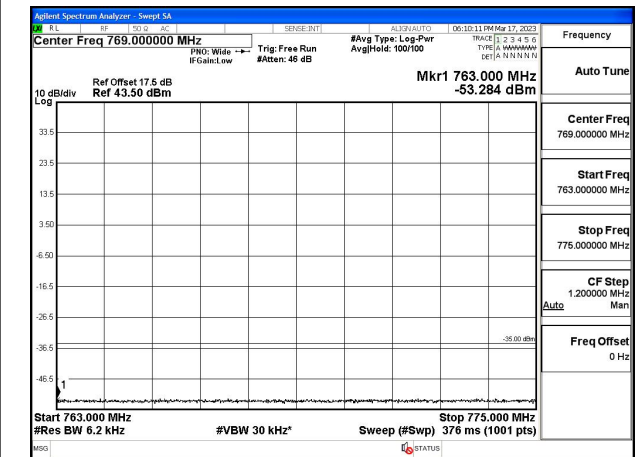


Fig.4

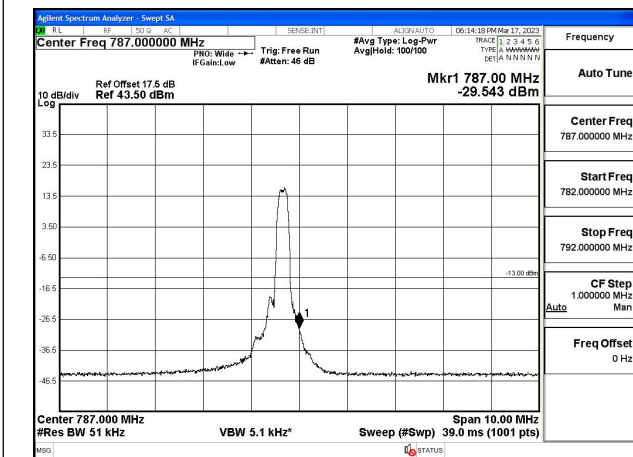


Fig.5

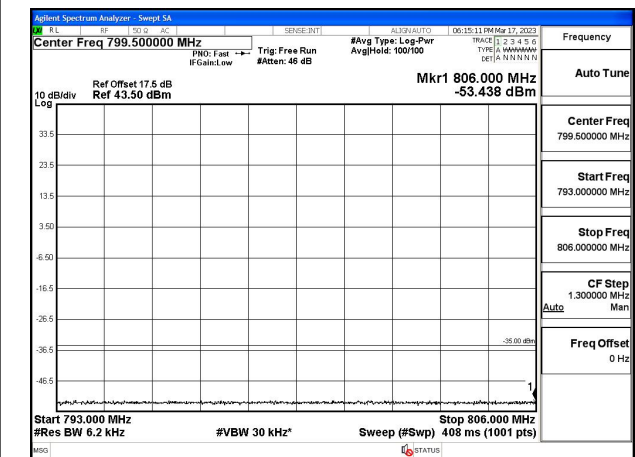


Fig.6

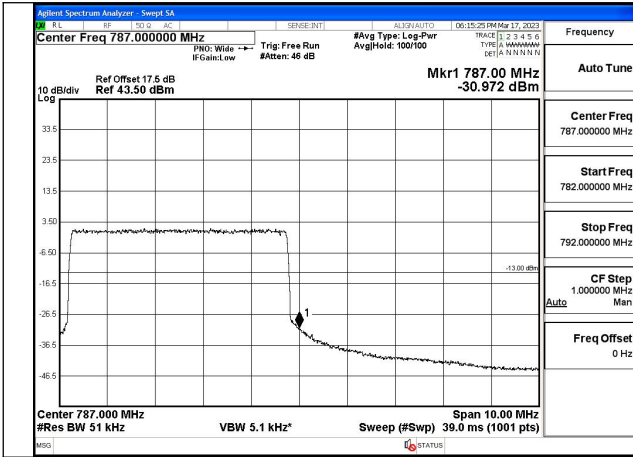


Fig.7

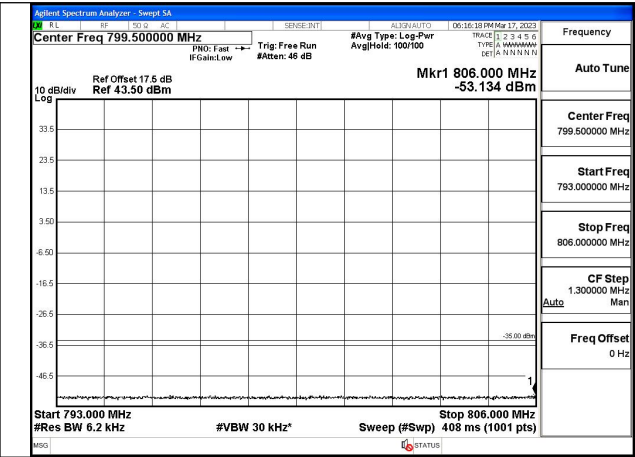


Fig.8

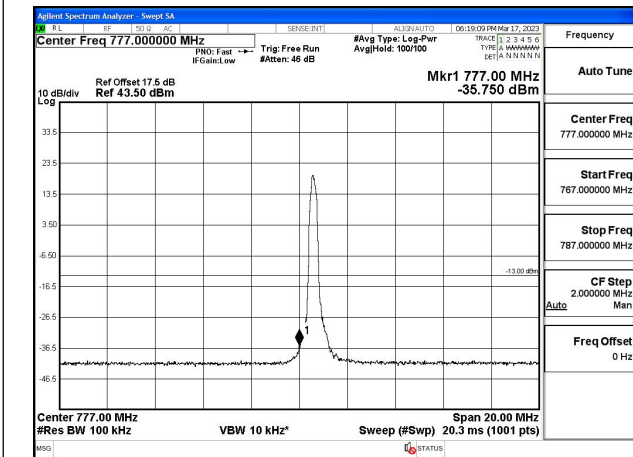


Fig.9

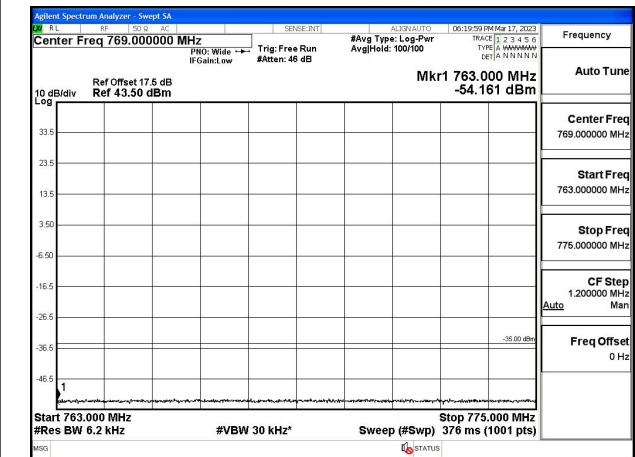


Fig.10

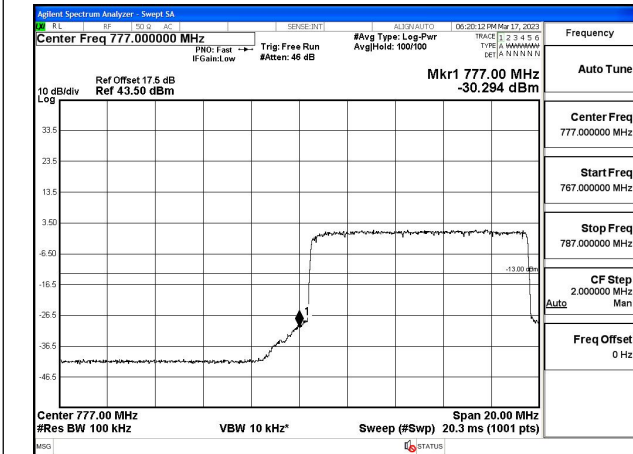


Fig.11

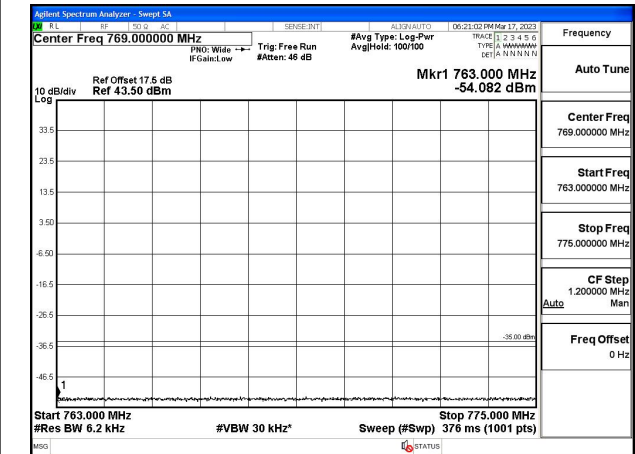


Fig.12

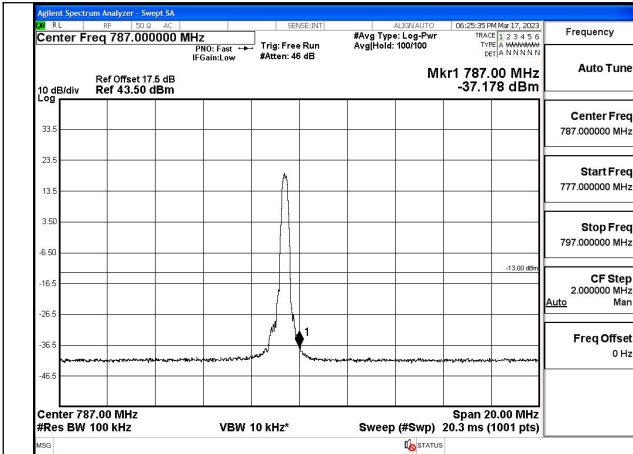


Fig.13

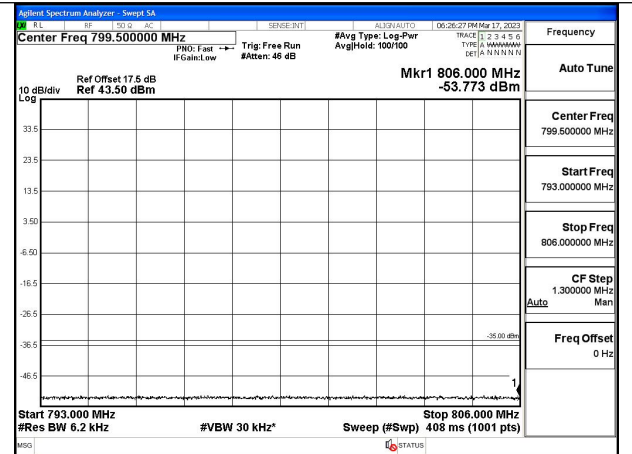


Fig.14

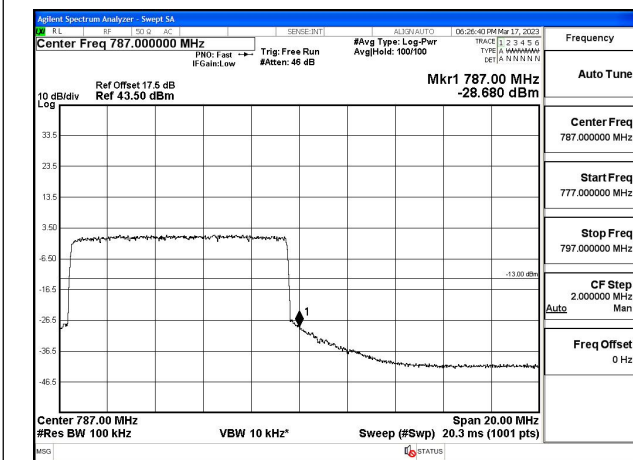


Fig.15

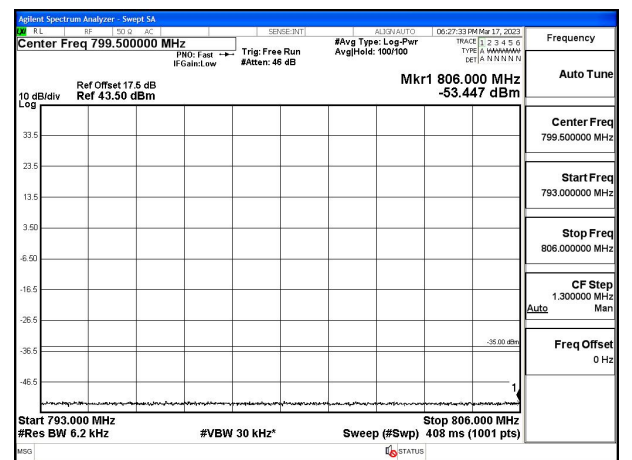


Fig.16

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Low Channel QPSK	
		5M	10M
-10	NV	-0.009	0.009
0	NV	-0.007	0.005
+10	NV	0.010	0.005
+20	NV	-0.006	0.006
+30	NV	-0.002	0.007
+40	NV	-0.004	0.007
+50	NV	-0.002	0.004
+55	NV	-0.011	-0.006
+20	LV	0.005	-0.005
+20	HV	-0.008	0.005

Temperature(°C)	Voltage	Test Result (ppm) High Channel QPSK	
		5M	10M
-10	NV	-0.006	0.006
0	NV	0.008	-0.008
+10	NV	0.007	-0.003
+20	NV	0.006	0.007
+30	NV	0.005	0.007
+40	NV	0.010	0.003
+50	NV	0.006	0.006
+55	NV	0.009	-0.006
+20	LV	0.004	0.004
+20	HV	0.006	0.005

7.1 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	779.5	23205	5	1	0	23.13	16.68	0.047
QPSK	779.5	23205	5	1	12	23.21	16.76	0.047
QPSK	779.5	23205	5	1	24	23.00	16.55	0.045
QPSK	779.5	23205	5	12	0	22.16	15.71	0.037
QPSK	779.5	23205	5	12	7	22.14	15.69	0.037
QPSK	779.5	23205	5	12	13	22.11	15.66	0.037
QPSK	779.5	23205	5	25	0	22.11	15.66	0.037
QPSK	782	23230	5	1	0	23.25	16.80	0.048
QPSK	782	23230	5	1	12	23.31	16.86	0.049
QPSK	782	23230	5	1	24	23.04	16.59	0.046
QPSK	782	23230	5	12	0	22.03	15.58	0.036
QPSK	782	23230	5	12	7	22.09	15.64	0.037
QPSK	782	23230	5	12	13	22.11	15.66	0.037
QPSK	782	23230	5	25	0	22.00	15.55	0.036
QPSK	784.5	23255	5	1	0	22.93	16.48	0.044
QPSK	784.5	23255	5	1	12	23.18	16.73	0.047
QPSK	784.5	23255	5	1	24	22.99	16.54	0.045
QPSK	784.5	23255	5	12	0	22.04	15.59	0.036
QPSK	784.5	23255	5	12	7	22.06	15.61	0.036
QPSK	784.5	23255	5	12	13	22.14	15.69	0.037
QPSK	784.5	23255	5	25	0	21.99	15.54	0.036

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	779.5	23205	5	1	0	22.65	16.20	0.042
16QAM	779.5	23205	5	1	12	22.43	15.98	0.040
16QAM	779.5	23205	5	1	24	22.42	15.97	0.040
16QAM	779.5	23205	5	12	0	21.08	14.63	0.029
16QAM	779.5	23205	5	12	7	21.04	14.59	0.029
16QAM	779.5	23205	5	12	13	21.14	14.69	0.029
16QAM	779.5	23205	5	25	0	21.12	14.67	0.029
16QAM	782	23230	5	1	0	22.71	16.26	0.042
16QAM	782	23230	5	1	12	22.65	16.20	0.042
16QAM	782	23230	5	1	24	22.47	16.02	0.040
16QAM	782	23230	5	12	0	20.98	14.53	0.028
16QAM	782	23230	5	12	7	21.12	14.67	0.029
16QAM	782	23230	5	12	13	21.22	14.77	0.030
16QAM	782	23230	5	25	0	21.14	14.69	0.029
16QAM	784.5	23255	5	1	0	22.41	15.96	0.039
16QAM	784.5	23255	5	1	12	22.97	16.52	0.045
16QAM	784.5	23255	5	1	24	22.48	16.03	0.040
16QAM	784.5	23255	5	12	0	21.05	14.60	0.029
16QAM	784.5	23255	5	12	7	20.95	14.50	0.028
16QAM	784.5	23255	5	12	13	21.01	14.56	0.029
16QAM	784.5	23255	5	25	0	21.10	14.65	0.029
64QAM	779.5	23205	5	1	0	22.32	15.87	0.039
64QAM	779.5	23205	5	1	12	22.16	15.71	0.037
64QAM	779.5	23205	5	1	24	22.41	15.96	0.039
64QAM	779.5	23205	5	12	0	21.11	14.66	0.029
64QAM	779.5	23205	5	12	7	21.05	14.60	0.029
64QAM	779.5	23205	5	12	13	21.07	14.62	0.029
64QAM	779.5	23205	5	25	0	21.17	14.72	0.030
64QAM	782	23230	5	1	0	22.21	15.76	0.038
64QAM	782	23230	5	1	12	22.38	15.93	0.039
64QAM	782	23230	5	1	24	21.92	15.47	0.035
64QAM	782	23230	5	12	0	21.05	14.60	0.029
64QAM	782	23230	5	12	7	21.19	14.74	0.030
64QAM	782	23230	5	12	13	21.04	14.59	0.029
64QAM	782	23230	5	25	0	21.10	14.65	0.029
64QAM	784.5	23255	5	1	0	22.18	15.73	0.037
64QAM	784.5	23255	5	1	12	22.63	16.18	0.041
64QAM	784.5	23255	5	1	24	22.20	15.75	0.038
64QAM	784.5	23255	5	12	0	21.16	14.71	0.030
64QAM	784.5	23255	5	12	7	21.01	14.56	0.029
64QAM	784.5	23255	5	12	13	21.11	14.66	0.029
64QAM	784.5	23255	5	25	0	20.96	14.51	0.028

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	782	23230	10	1	0	23.18	16.73	0.047
QPSK	782	23230	10	1	25	23.07	16.62	0.046
QPSK	782	23230	10	1	49	22.93	16.48	0.044
QPSK	782	23230	10	25	0	22.06	15.61	0.036
QPSK	782	23230	10	25	12	22.13	15.68	0.037
QPSK	782	23230	10	25	25	22.11	15.66	0.037
QPSK	782	23230	10	50	0	22.12	15.67	0.037
QPSK	782	23230	10	1	0	22.96	16.51	0.045
QPSK	782	23230	10	1	25	22.94	16.49	0.045
QPSK	782	23230	10	1	49	22.94	16.49	0.045
QPSK	782	23230	10	25	0	22.05	15.60	0.036
QPSK	782	23230	10	25	12	22.03	15.58	0.036
QPSK	782	23230	10	25	25	22.10	15.65	0.037
QPSK	782	23230	10	50	0	22.14	15.69	0.037
QPSK	782	23230	10	1	0	23.43	16.98	0.050
QPSK	782	23230	10	1	25	23.13	16.68	0.047
QPSK	782	23230	10	1	49	22.92	16.47	0.044
QPSK	782	23230	10	25	0	22.17	15.72	0.037
QPSK	782	23230	10	25	12	22.04	15.59	0.036
QPSK	782	23230	10	25	25	22.15	15.70	0.037
QPSK	782	23230	10	50	0	22.10	15.65	0.037

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	782	23230	10	1	0	22.57	16.12	0.041
16QAM	782	23230	10	1	25	22.56	16.11	0.041
16QAM	782	23230	10	1	49	22.52	16.07	0.040
16QAM	782	23230	10	25	0	21.15	14.70	0.030
16QAM	782	23230	10	25	12	21.08	14.63	0.029
16QAM	782	23230	10	25	25	21.07	14.62	0.029
16QAM	782	23230	10	50	0	20.98	14.53	0.028
16QAM	782	23230	10	1	0	22.25	15.80	0.038
16QAM	782	23230	10	1	25	22.42	15.97	0.040
16QAM	782	23230	10	1	49	22.39	15.94	0.039
16QAM	782	23230	10	25	0	21.04	14.59	0.029
16QAM	782	23230	10	25	12	20.98	14.53	0.028
16QAM	782	23230	10	25	25	21.15	14.70	0.030
16QAM	782	23230	10	50	0	21.15	14.70	0.030
16QAM	782	23230	10	1	0	22.47	16.02	0.040
16QAM	782	23230	10	1	25	22.53	16.08	0.041
16QAM	782	23230	10	1	49	22.26	15.81	0.038
16QAM	782	23230	10	25	0	21.08	14.63	0.029
16QAM	782	23230	10	25	12	21.07	14.62	0.029
16QAM	782	23230	10	25	25	21.11	14.66	0.029
16QAM	782	23230	10	50	0	21.09	14.64	0.029
64QAM	782	23230	10	1	0	21.49	15.04	0.032
64QAM	782	23230	10	1	25	21.39	14.94	0.031
64QAM	782	23230	10	1	49	21.09	14.64	0.029
64QAM	782	23230	10	25	0	20.12	13.67	0.023
64QAM	782	23230	10	25	12	20.18	13.73	0.024
64QAM	782	23230	10	25	25	20.03	13.58	0.023
64QAM	782	23230	10	50	0	20.14	13.69	0.023
64QAM	782	23230	10	1	0	20.77	14.32	0.027
64QAM	782	23230	10	1	25	21.64	15.19	0.033
64QAM	782	23230	10	1	49	20.79	14.34	0.027
64QAM	782	23230	10	25	0	20.11	13.66	0.023
64QAM	782	23230	10	25	12	20.13	13.68	0.023
64QAM	782	23230	10	25	25	20.05	13.60	0.023
64QAM	782	23230	10	50	0	20.07	13.62	0.023
64QAM	782	23230	10	1	0	21.41	14.96	0.031
64QAM	782	23230	10	1	25	21.38	14.93	0.031
64QAM	782	23230	10	1	49	21.16	14.71	0.030
64QAM	782	23230	10	25	0	20.10	13.65	0.023
64QAM	782	23230	10	25	12	20.07	13.62	0.023
64QAM	782	23230	10	25	25	20.05	13.60	0.023
64QAM	782	23230	10	50	0	20.06	13.61	0.023