

Fig.7

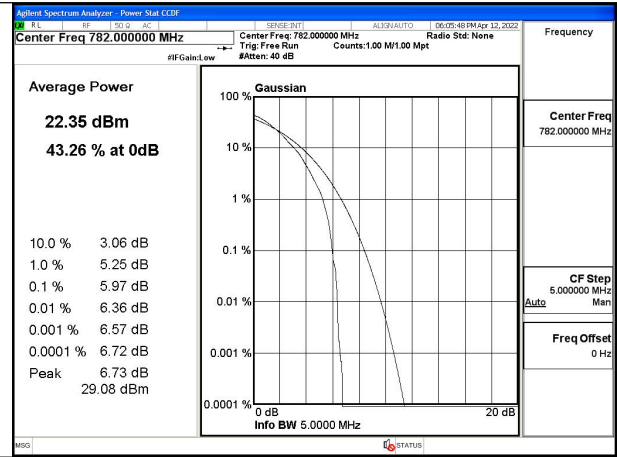


Fig.8

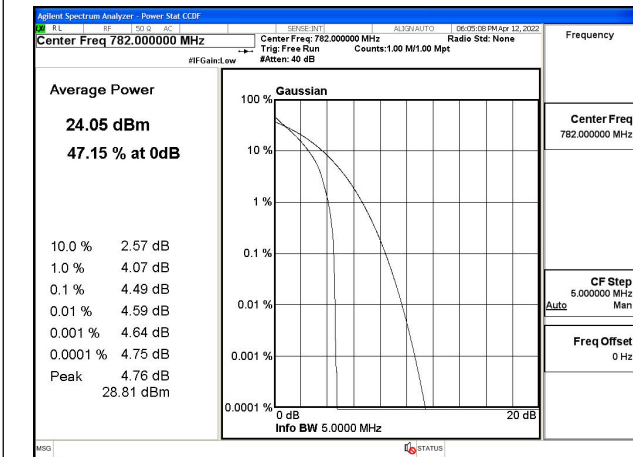


Fig.9

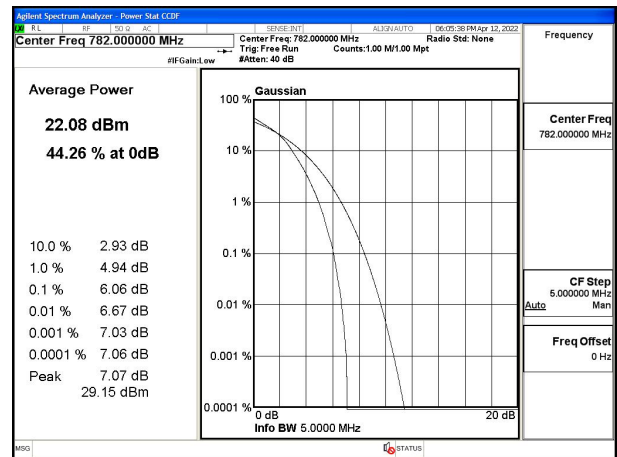


Fig.10

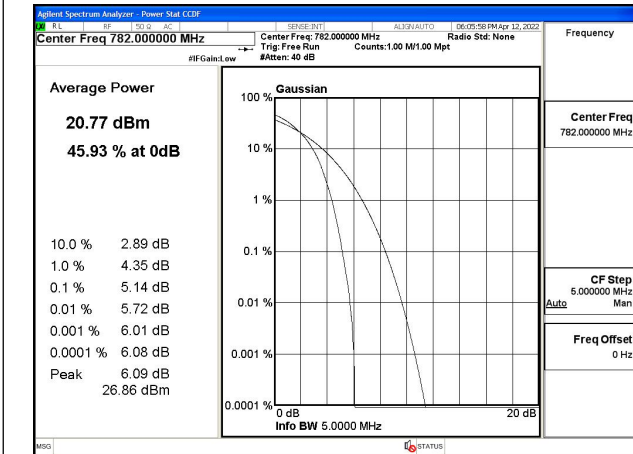


Fig.11

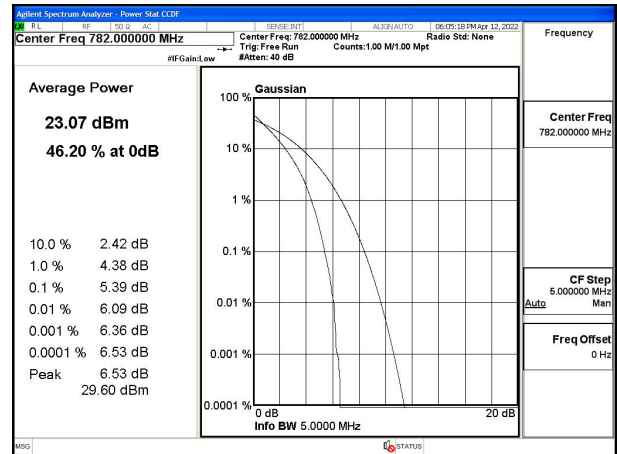


Fig.12

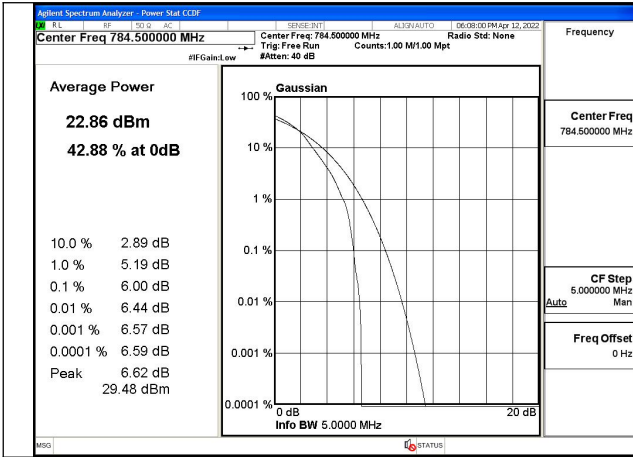


Fig.13

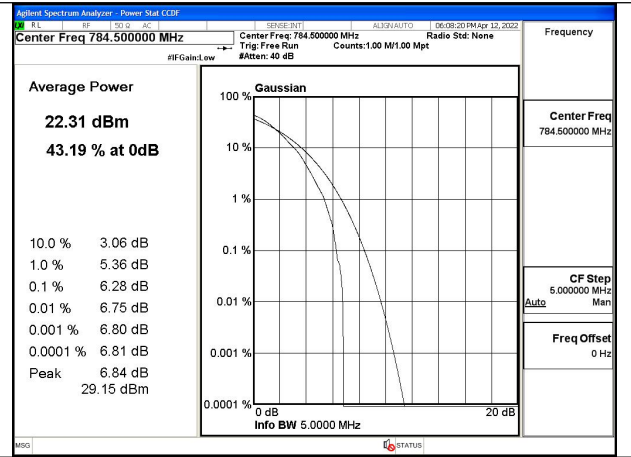


Fig.14

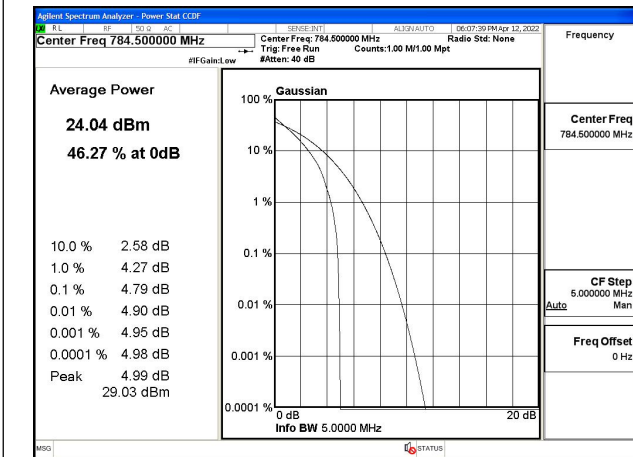


Fig.15

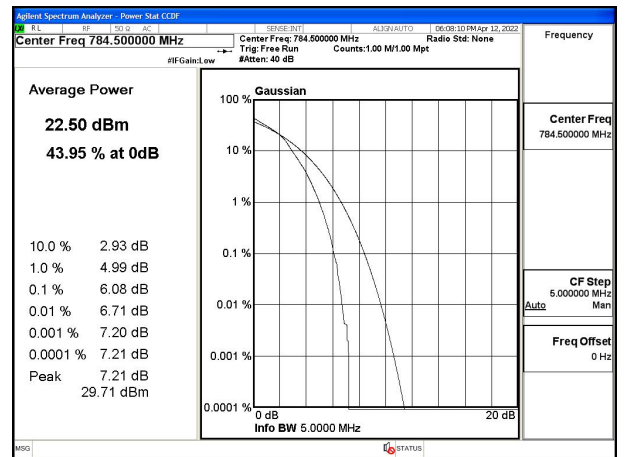


Fig.16

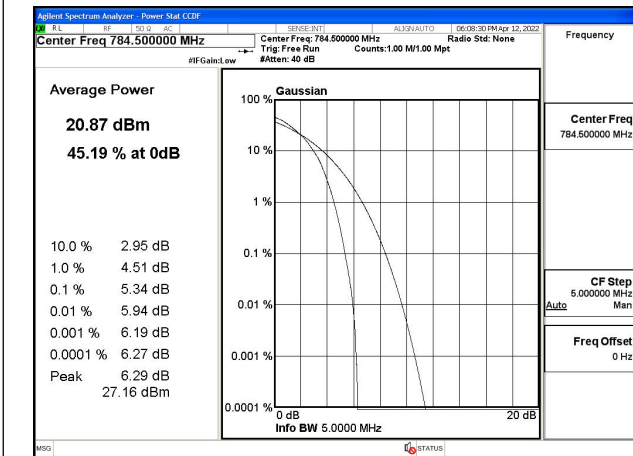


Fig.17

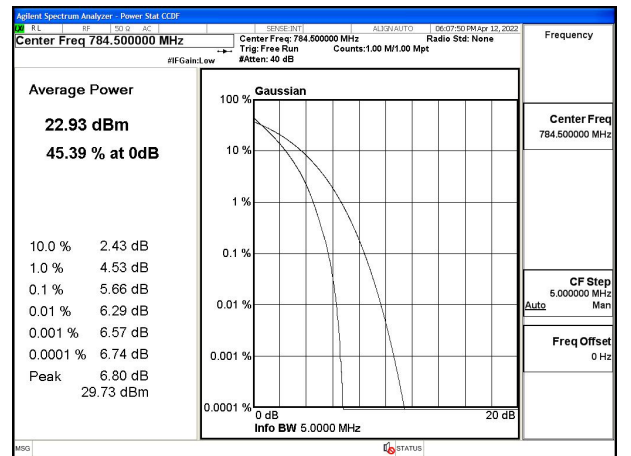


Fig.18

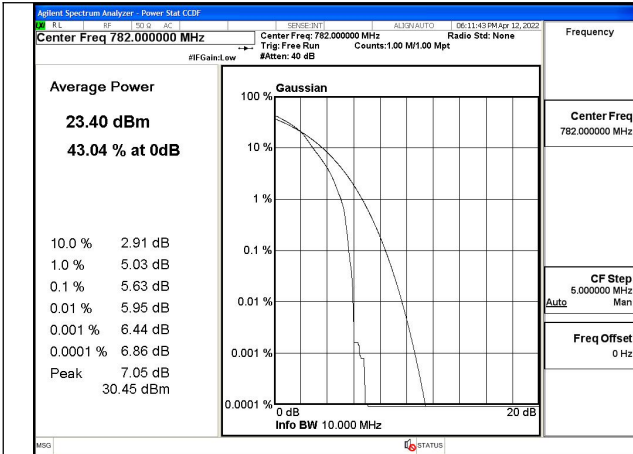


Fig.19

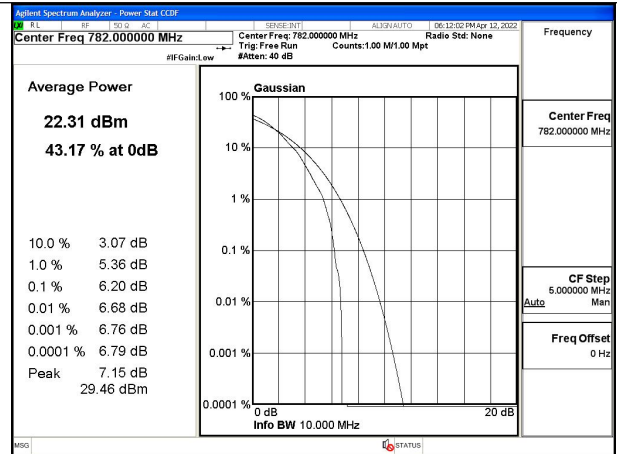


Fig.20

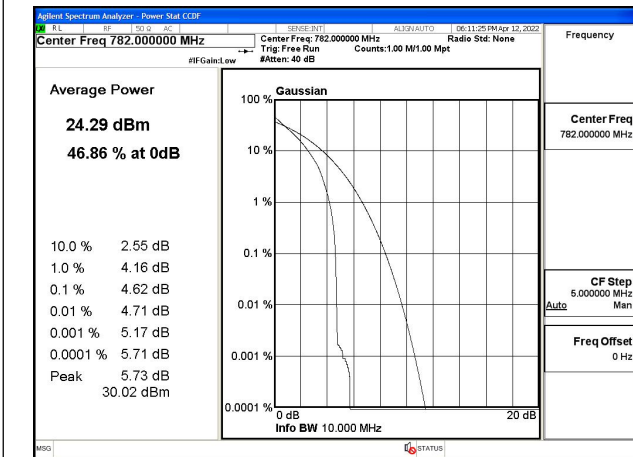


Fig.21

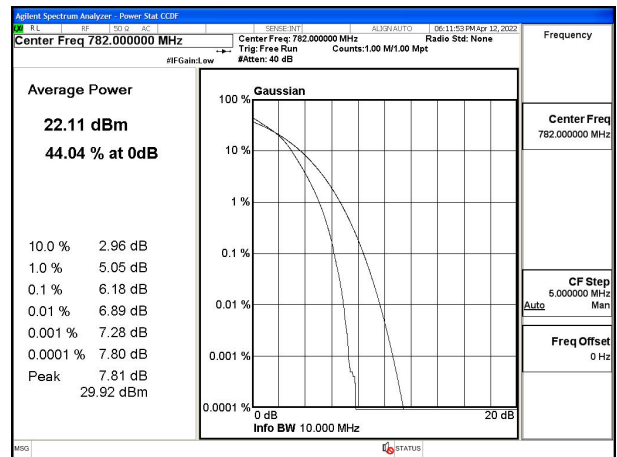


Fig.22

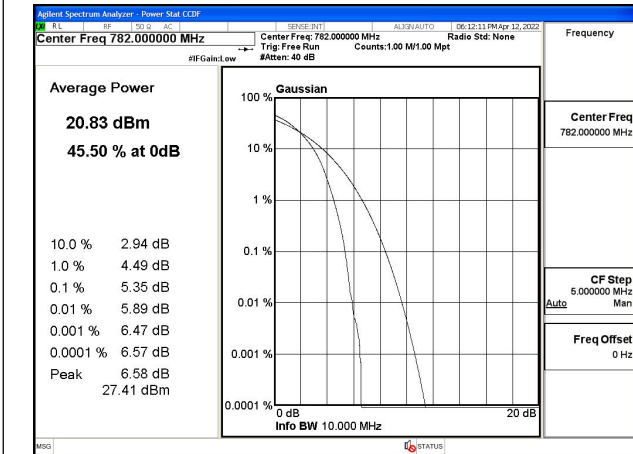


Fig.23

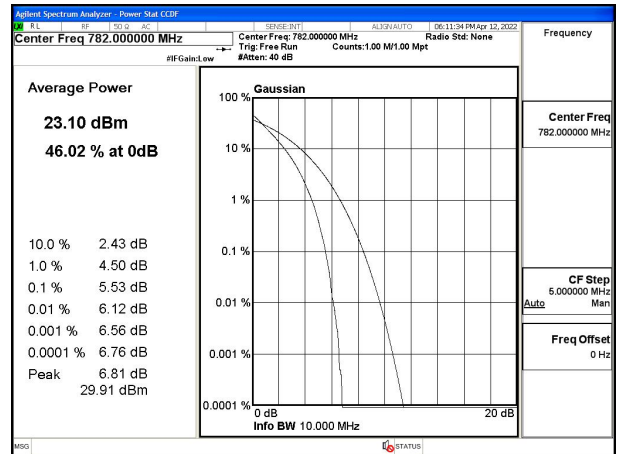


Fig.24

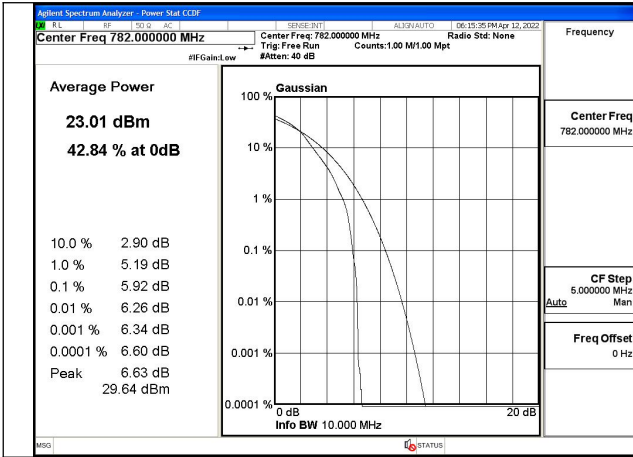


Fig.25

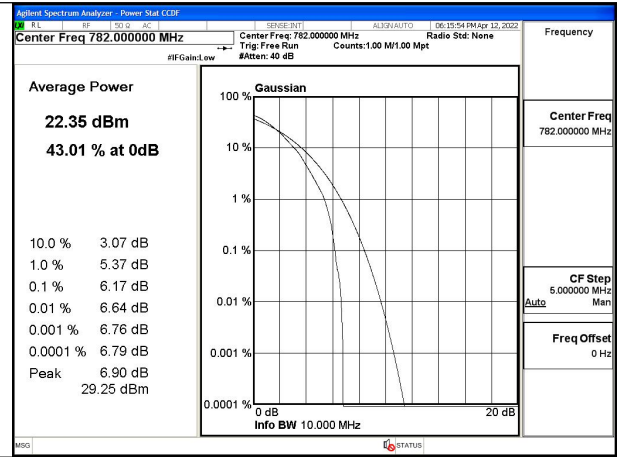


Fig.26

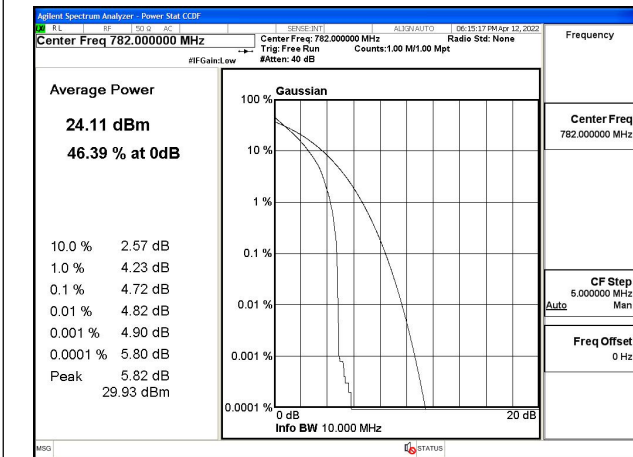


Fig.27

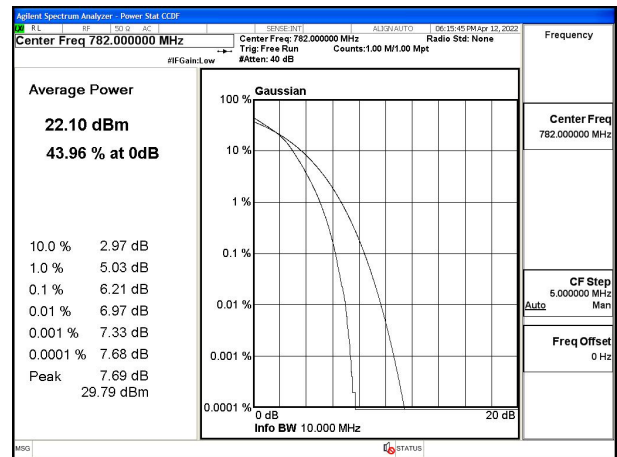


Fig.28

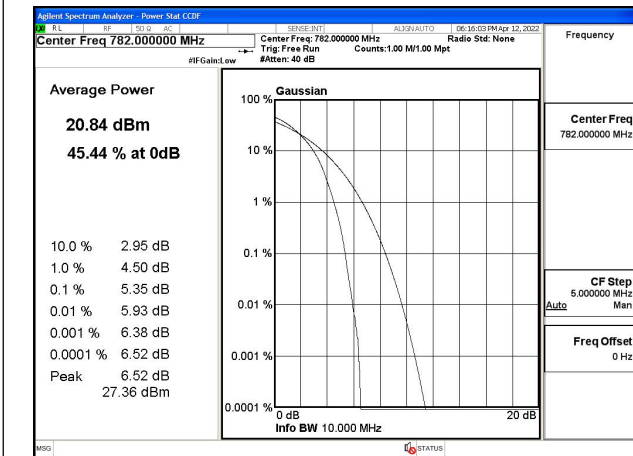


Fig.29

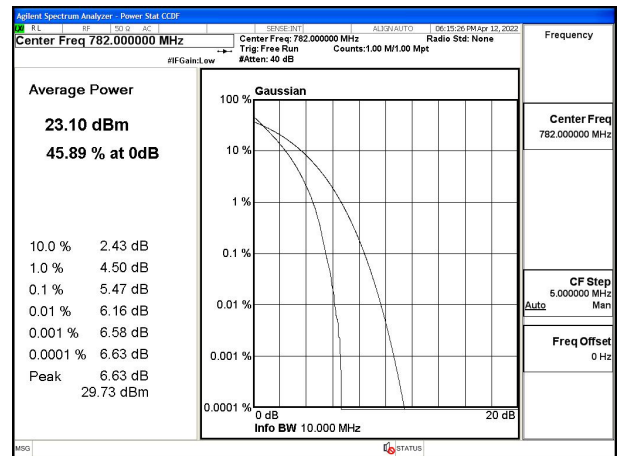


Fig.30

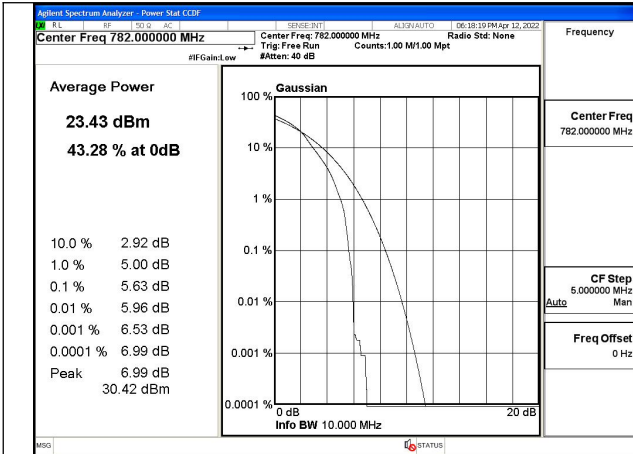


Fig.31

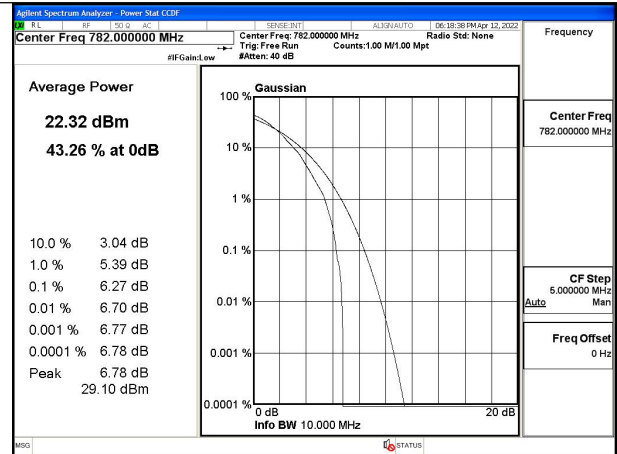


Fig.32

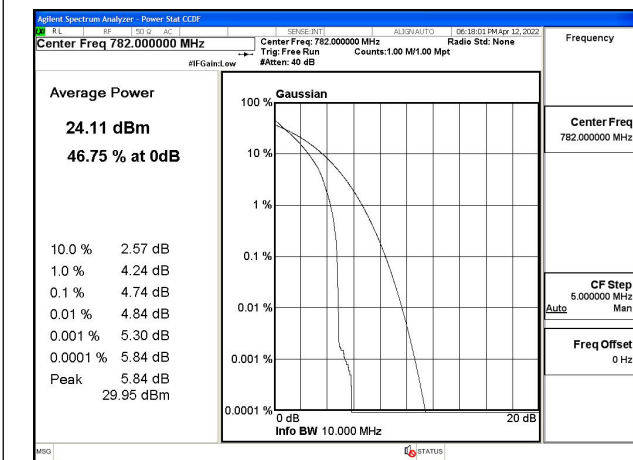


Fig.33

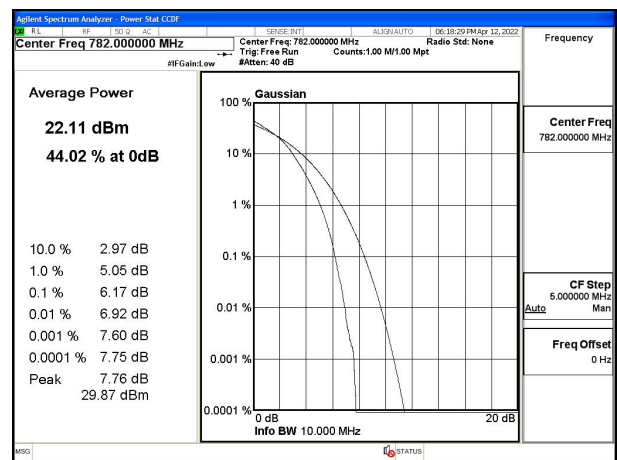


Fig.34

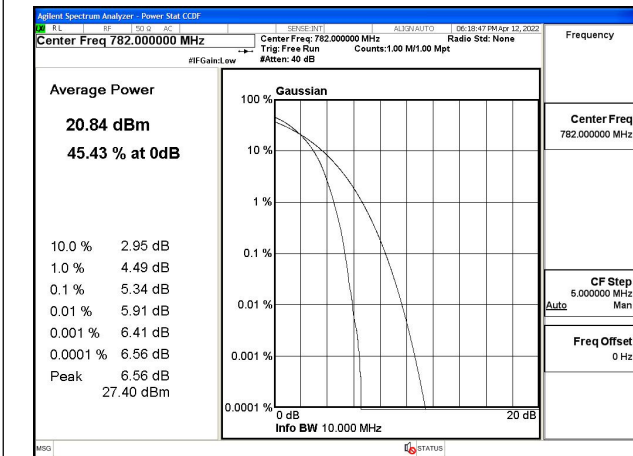


Fig.35

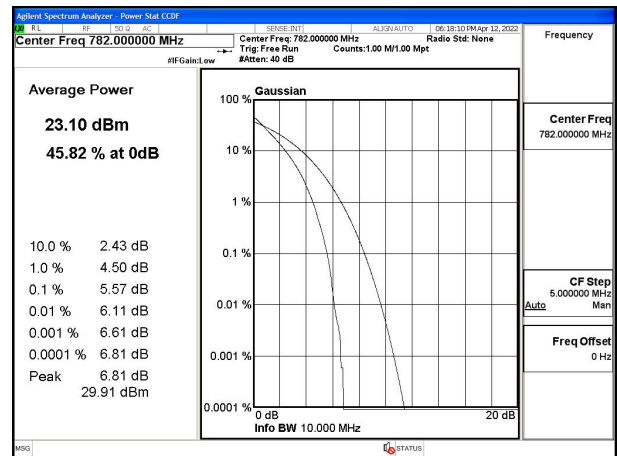


Fig.36

**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

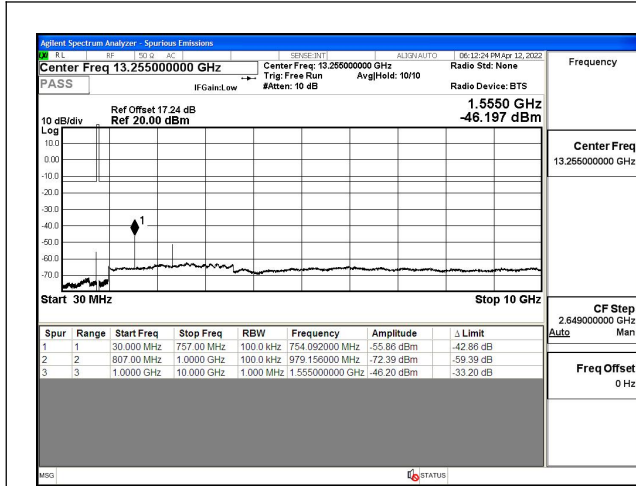


Fig.1

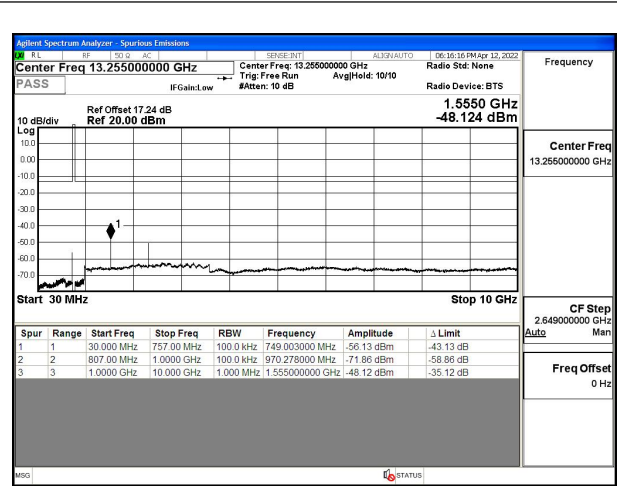


Fig.2

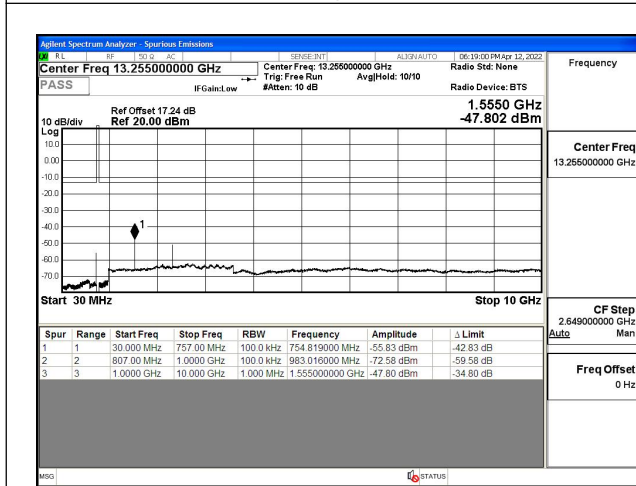


Fig.3

**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	25	0	Fig.2
13	QPSK	784.5	23255	5	1	24	Fig.3
13	QPSK	784.5	23255	5	25	0	Fig.4
13	QPSK	782	23230	10	1	0	Fig.5
13	QPSK	782	23230	10	50	0	Fig.6
13	QPSK	782	23230	10	1	49	Fig.7
13	QPSK	782	23230	10	50	0	Fig.8

Test Mode: QPSK

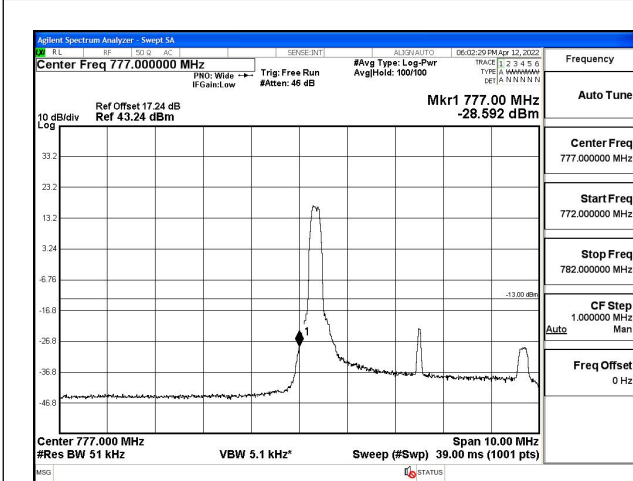


Fig.1

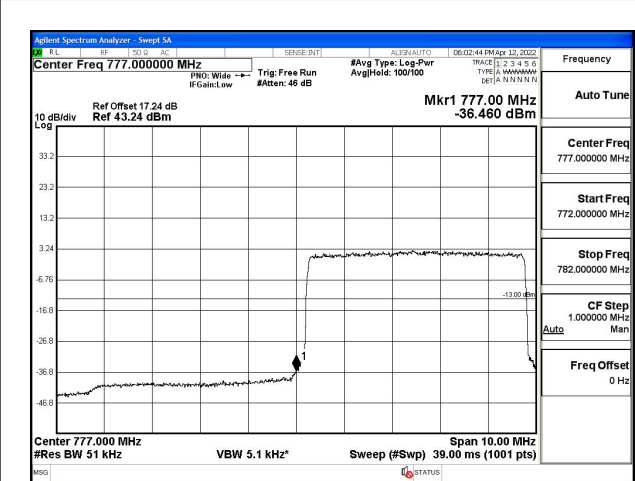


Fig.2

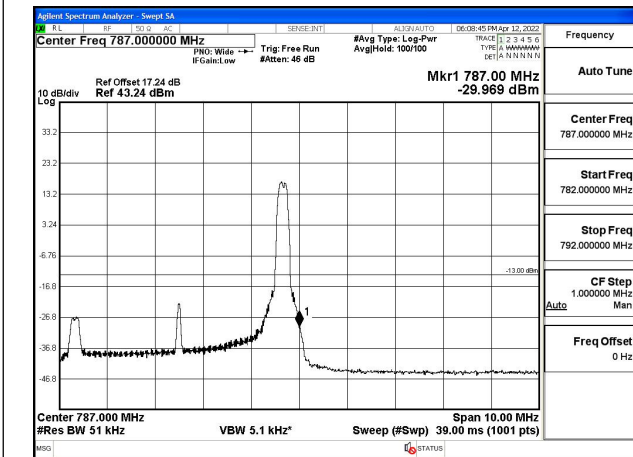


Fig.3

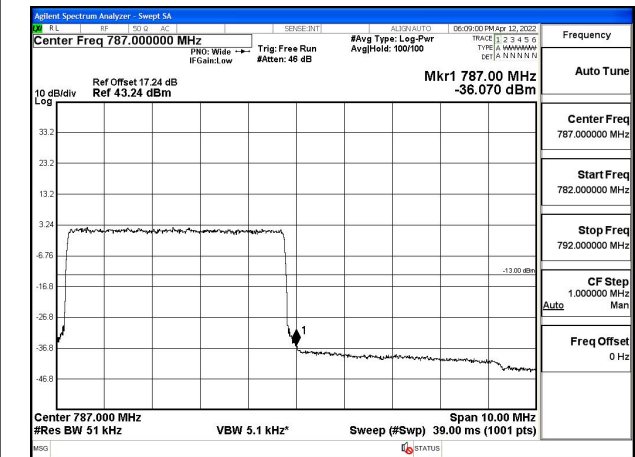


Fig.4

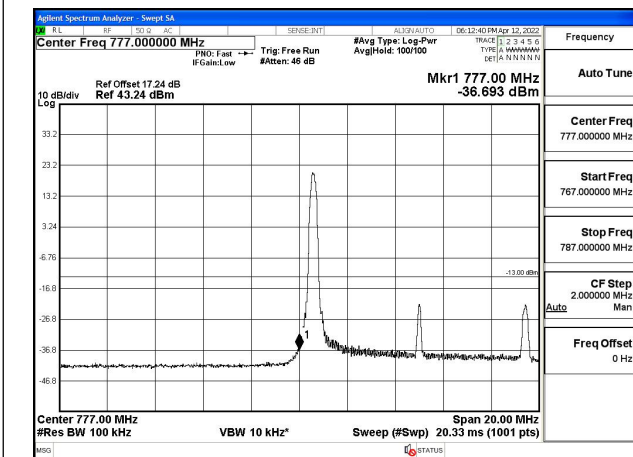


Fig.5

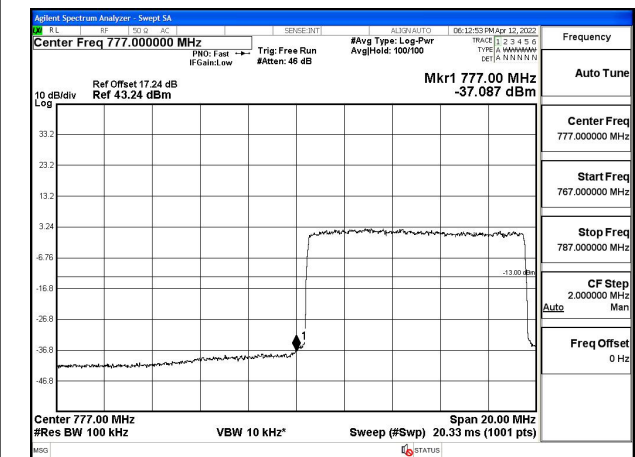


Fig.6



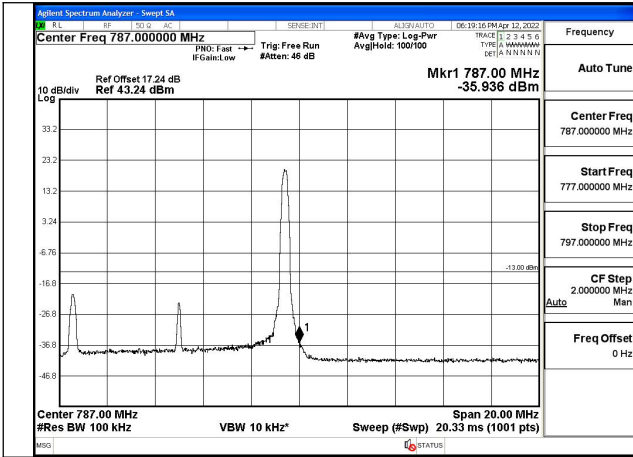


Fig.7

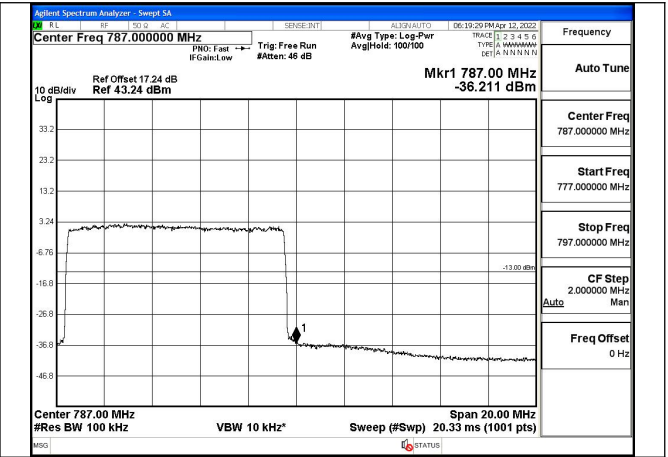


Fig.8

## 7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band 13 Low Channel QPSK	
		5M	10M
-20	NV	-0.057	-0.015
-10	NV	0.007	-0.051
0	NV	0.049	0.040
+10	NV	-0.057	-0.044
+20	NV	-0.057	-0.061
+30	NV	-0.073	-0.033
+40	NV	-0.034	-0.029
+50	NV	-0.019	-0.028
+55	NV	-0.052	-0.027
+20	LV	-0.061	-0.044
+20	HV	-0.062	-0.054

Temperature(°C)	Voltage	Test Result (ppm) Band 13 High Channel QPSK	
		5M	10M
-20	NV	-0.028	0.058
-10	NV	0.050	0.034
0	NV	0.035	0.050
+10	NV	-0.070	0.061
+20	NV	-0.053	-0.050
+30	NV	-0.041	0.009
+40	NV	-0.027	-0.026
+50	NV	-0.040	-0.020
+55	NV	-0.065	0.036
+20	LV	-0.033	0.016
+20	HV	-0.021	-0.052

### 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	779.5	23205	5	1	0	23.96	19.11	0.081
QPSK	779.5	23205	5	1	12	23.87	19.02	0.080
QPSK	779.5	23205	5	1	24	24.02	19.17	0.083
QPSK	779.5	23205	5	12	0	22.89	18.04	0.064
QPSK	779.5	23205	5	12	7	22.83	17.98	0.063
QPSK	779.5	23205	5	12	13	23.02	18.17	0.066
QPSK	779.5	23205	5	25	0	22.95	18.10	0.065
QPSK	782	23230	5	1	0	24.17	19.32	0.086
QPSK	782	23230	5	1	12	23.90	19.05	0.080
QPSK	782	23230	5	1	24	23.89	19.04	0.080
QPSK	782	23230	5	12	0	23.17	18.32	0.068
QPSK	782	23230	5	12	7	22.89	18.04	0.064
QPSK	782	23230	5	12	13	22.77	17.92	0.062
QPSK	782	23230	5	25	0	22.92	18.07	0.064
QPSK	784.5	23255	5	1	0	24.26	19.41	0.087
QPSK	784.5	23255	5	1	12	24.07	19.22	0.084
QPSK	784.5	23255	5	1	24	24.17	19.32	0.086
QPSK	784.5	23255	5	12	0	22.87	18.02	0.063
QPSK	784.5	23255	5	12	7	22.77	17.92	0.062
QPSK	784.5	23255	5	12	13	22.77	17.92	0.062
QPSK	784.5	23255	5	25	0	22.79	17.94	0.062

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	23.24	18.39	0.069
16QAM	779.5	23205	5	1	12	23.06	18.21	0.066
16QAM	779.5	23205	5	1	24	23.17	18.32	0.068
16QAM	779.5	23205	5	12	0	21.86	17.01	0.050
16QAM	779.5	23205	5	12	7	22.04	17.19	0.052
16QAM	779.5	23205	5	12	13	21.96	17.11	0.051
16QAM	779.5	23205	5	25	0	22.01	17.16	0.052
16QAM	782	23230	5	1	0	23.14	18.29	0.067
16QAM	782	23230	5	1	12	23.04	18.19	0.066
16QAM	782	23230	5	1	24	22.76	17.91	0.062
16QAM	782	23230	5	12	0	22.18	17.33	0.054
16QAM	782	23230	5	12	7	22.04	17.19	0.052
16QAM	782	23230	5	12	13	22.06	17.21	0.053
16QAM	782	23230	5	25	0	22.25	17.40	0.055
16QAM	784.5	23255	5	1	0	23.38	18.53	0.071
16QAM	784.5	23255	5	1	12	23.23	18.38	0.069
16QAM	784.5	23255	5	1	24	23.28	18.43	0.070
16QAM	784.5	23255	5	12	0	22.15	17.30	0.054
16QAM	784.5	23255	5	12	7	22.22	17.37	0.055
16QAM	784.5	23255	5	12	13	22.09	17.24	0.053
16QAM	784.5	23255	5	25	0	22.17	17.32	0.054
64QAM	779.5	23205	5	1	0	21.90	17.05	0.051
64QAM	779.5	23205	5	1	12	22.13	17.28	0.053
64QAM	779.5	23205	5	1	24	21.72	16.87	0.049
64QAM	779.5	23205	5	12	0	20.75	15.90	0.039
64QAM	779.5	23205	5	12	7	20.41	15.56	0.036
64QAM	779.5	23205	5	12	13	20.46	15.61	0.036
64QAM	779.5	23205	5	25	0	20.17	15.32	0.034
64QAM	782	23230	5	1	0	22.40	17.55	0.057
64QAM	782	23230	5	1	12	21.93	17.08	0.051
64QAM	782	23230	5	1	24	22.36	17.51	0.056
64QAM	782	23230	5	12	0	20.67	15.82	0.038
64QAM	782	23230	5	12	7	20.93	16.08	0.041
64QAM	782	23230	5	12	13	20.65	15.80	0.038
64QAM	782	23230	5	25	0	20.78	15.93	0.039
64QAM	784.5	23255	5	1	0	22.16	17.31	0.054
64QAM	784.5	23255	5	1	12	22.27	17.42	0.055
64QAM	784.5	23255	5	1	24	22.22	17.37	0.055
64QAM	784.5	23255	5	12	0	20.81	15.96	0.039
64QAM	784.5	23255	5	12	7	20.64	15.79	0.038
64QAM	784.5	23255	5	12	13	20.56	15.71	0.037
64QAM	784.5	23255	5	25	0	20.65	15.80	0.038

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	24.30	19.45	0.088
QPSK	782	23230	10	1	25	24.17	19.32	0.086
QPSK	782	23230	10	1	49	24.03	19.18	0.083
QPSK	782	23230	10	25	0	22.99	18.14	0.065
QPSK	782	23230	10	25	12	23.03	18.18	0.066
QPSK	782	23230	10	25	25	22.77	17.92	0.062
QPSK	782	23230	10	50	0	23.11	18.26	0.067
QPSK	782	23230	10	1	0	23.98	19.13	0.082
QPSK	782	23230	10	1	25	24.04	19.19	0.083
QPSK	782	23230	10	1	49	23.88	19.03	0.080
QPSK	782	23230	10	25	0	23.11	18.26	0.067
QPSK	782	23230	10	25	12	22.91	18.06	0.064
QPSK	782	23230	10	25	25	22.76	17.91	0.062
QPSK	782	23230	10	50	0	22.94	18.09	0.064
QPSK	782	23230	10	1	0	24.30	19.45	0.088
QPSK	782	23230	10	1	25	24.33	19.48	0.089
QPSK	782	23230	10	1	49	24.20	19.35	0.086
QPSK	782	23230	10	25	0	22.98	18.13	0.065
QPSK	782	23230	10	25	12	23.02	18.17	0.066
QPSK	782	23230	10	25	25	23.02	18.17	0.066
QPSK	782	23230	10	50	0	22.95	18.10	0.065

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	23.38	18.53	0.071
16QAM	782	23230	10	1	25	22.85	18.00	0.063
16QAM	782	23230	10	1	49	23.24	18.39	0.069
16QAM	782	23230	10	25	0	21.98	17.13	0.052
16QAM	782	23230	10	25	12	21.83	16.98	0.050
16QAM	782	23230	10	25	25	22.19	17.34	0.054
16QAM	782	23230	10	50	0	21.98	17.13	0.052
16QAM	782	23230	10	1	0	23.68	18.83	0.076
16QAM	782	23230	10	1	25	23.23	18.38	0.069
16QAM	782	23230	10	1	49	23.02	18.17	0.066
16QAM	782	23230	10	25	0	21.98	17.13	0.052
16QAM	782	23230	10	25	12	21.79	16.94	0.049
16QAM	782	23230	10	25	25	21.99	17.14	0.052
16QAM	782	23230	10	50	0	22.14	17.29	0.054
16QAM	782	23230	10	1	0	22.62	17.77	0.060
16QAM	782	23230	10	1	25	23.10	18.25	0.067
16QAM	782	23230	10	1	49	23.25	18.40	0.069
16QAM	782	23230	10	25	0	22.24	17.39	0.055
16QAM	782	23230	10	25	12	22.21	17.36	0.054
16QAM	782	23230	10	25	25	22.48	17.63	0.058
16QAM	782	23230	10	50	0	21.99	17.14	0.052
64QAM	782	23230	10	1	0	22.04	17.19	0.052
64QAM	782	23230	10	1	25	21.96	17.11	0.051
64QAM	782	23230	10	1	49	22.43	17.58	0.057
64QAM	782	23230	10	25	0	20.69	15.84	0.038
64QAM	782	23230	10	25	12	21.00	16.15	0.041
64QAM	782	23230	10	25	25	20.75	15.90	0.039
64QAM	782	23230	10	50	0	20.73	15.88	0.039
64QAM	782	23230	10	1	0	22.05	17.20	0.052
64QAM	782	23230	10	1	25	22.16	17.31	0.054
64QAM	782	23230	10	1	49	21.88	17.03	0.050
64QAM	782	23230	10	25	0	20.33	15.48	0.035
64QAM	782	23230	10	25	12	20.55	15.70	0.037
64QAM	782	23230	10	25	25	20.62	15.77	0.038
64QAM	782	23230	10	50	0	20.75	15.90	0.039
64QAM	782	23230	10	1	0	22.31	17.46	0.056
64QAM	782	23230	10	1	25	22.09	17.24	0.053
64QAM	782	23230	10	1	49	22.71	17.86	0.061
64QAM	782	23230	10	25	0	20.69	15.84	0.038
64QAM	782	23230	10	25	12	20.85	16.00	0.040
64QAM	782	23230	10	25	25	20.69	15.84	0.038
64QAM	782	23230	10	50	0	20.68	15.83	0.038