

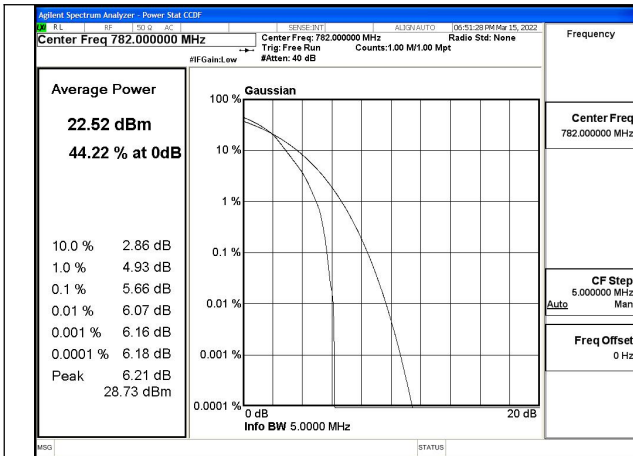


Fig.7

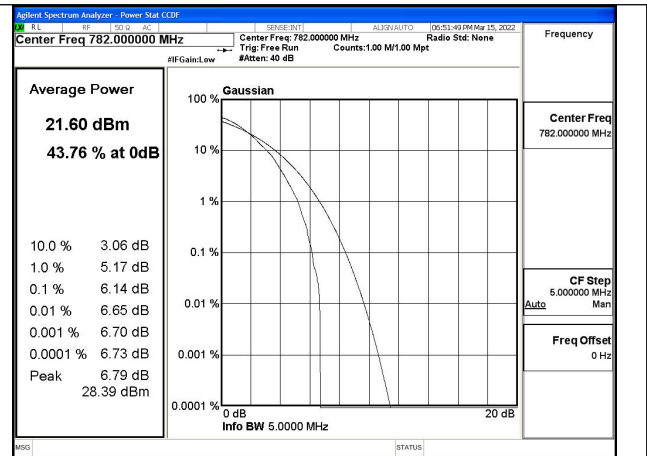


Fig.8

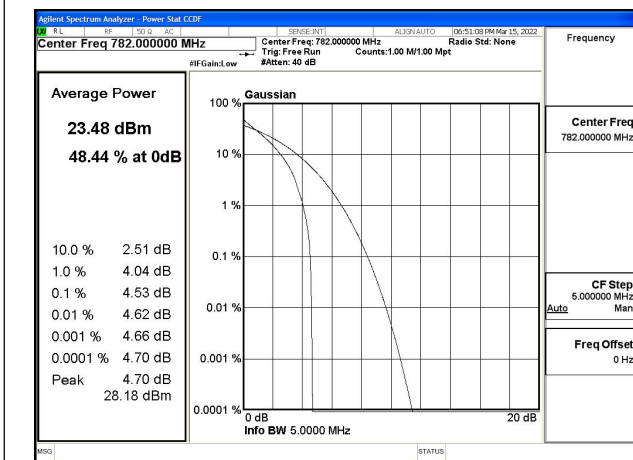


Fig.9

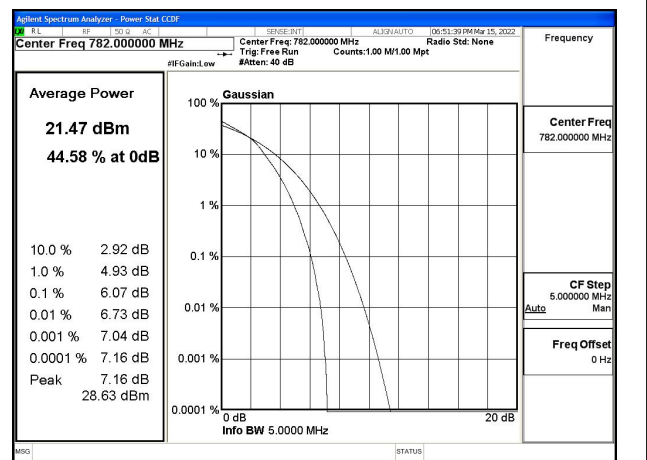


Fig.10

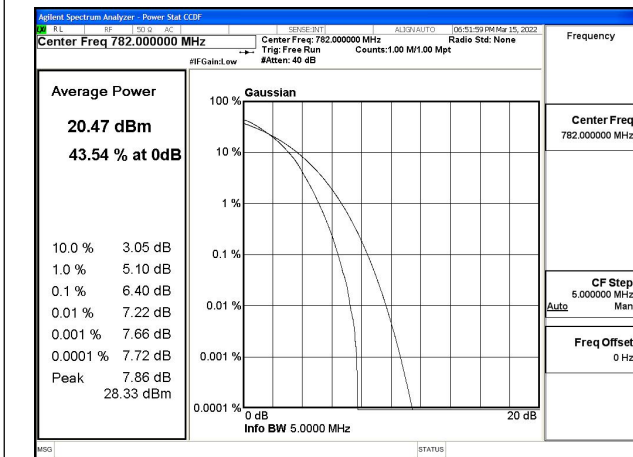


Fig.11

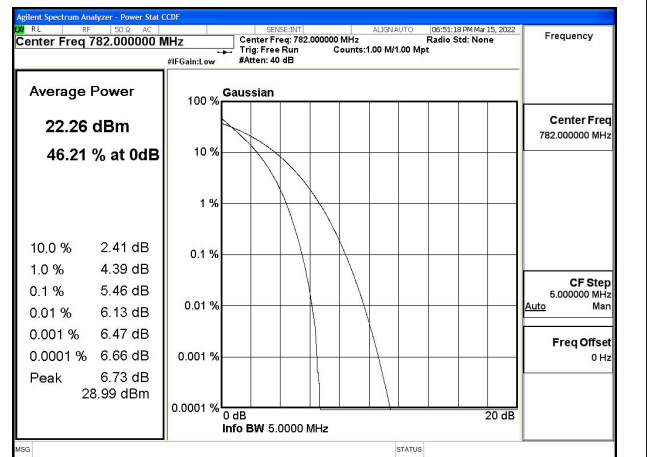


Fig.12

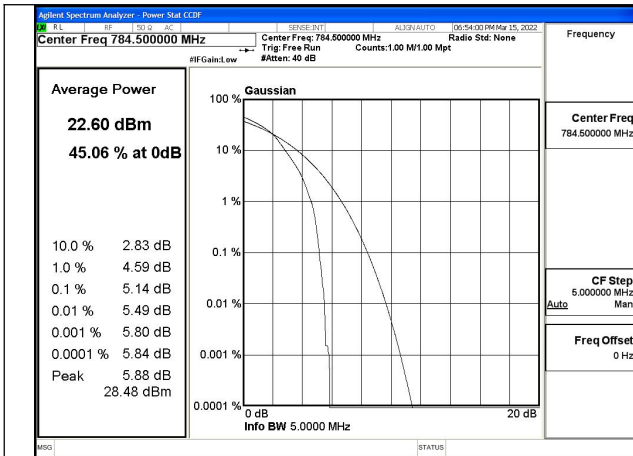


Fig.13

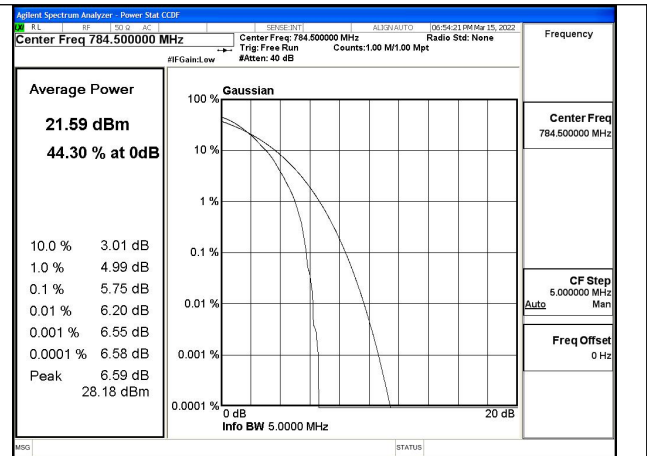


Fig.14

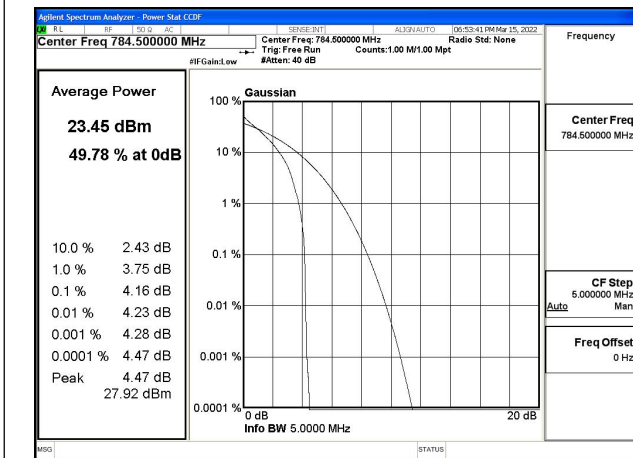


Fig.15

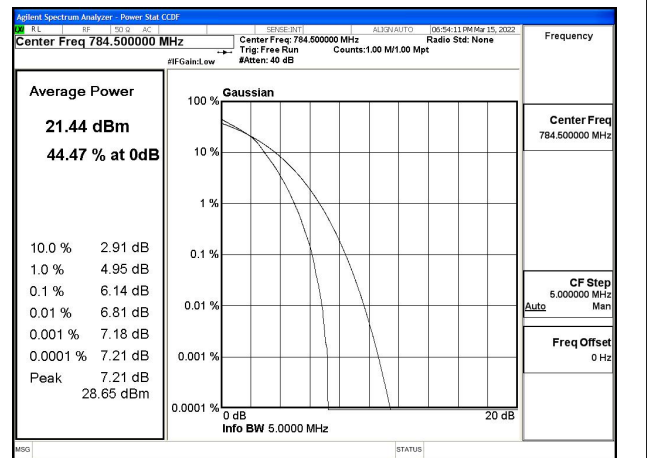


Fig.16

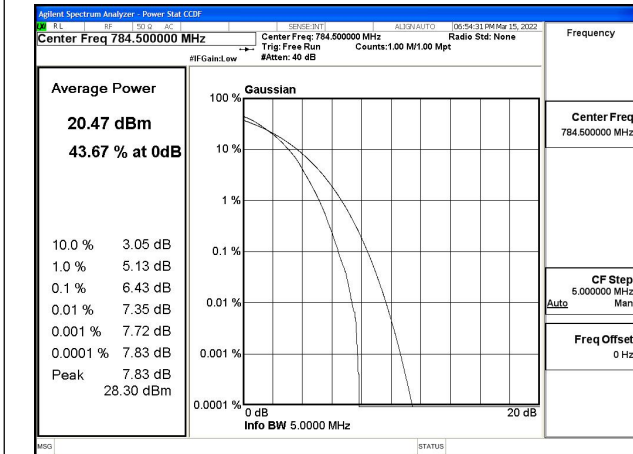


Fig.17

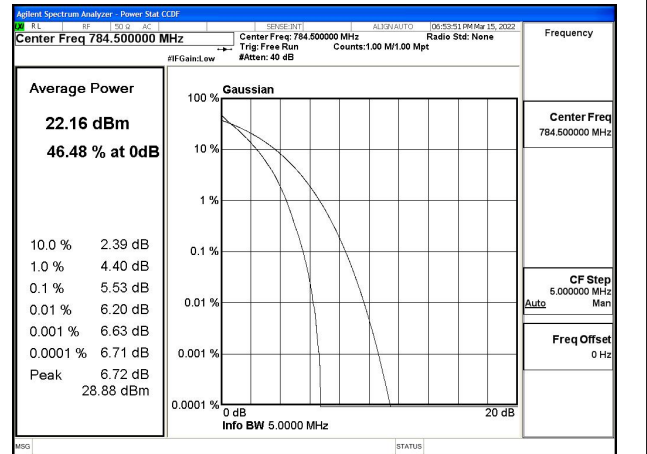


Fig.18

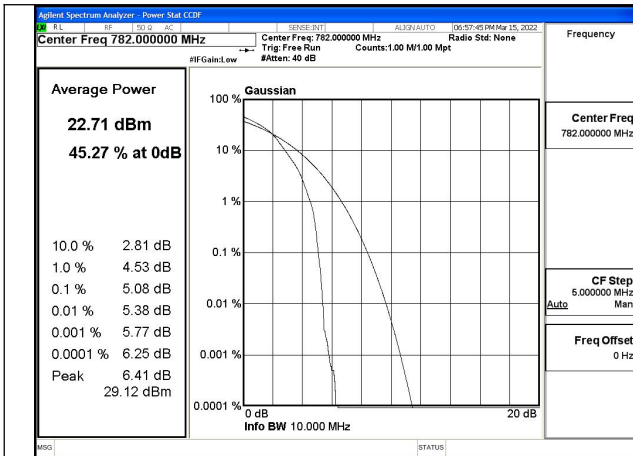


Fig.19

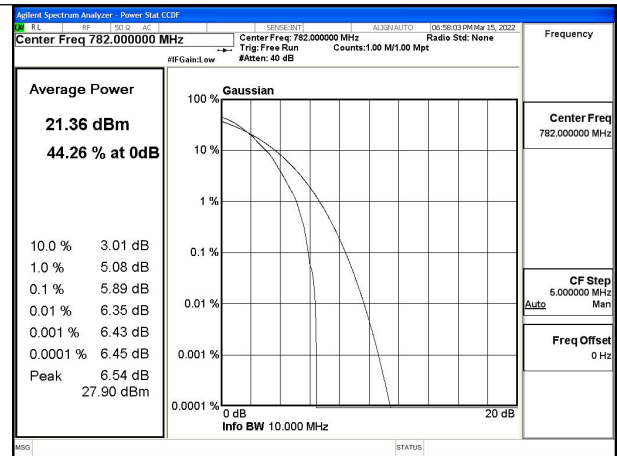


Fig.20

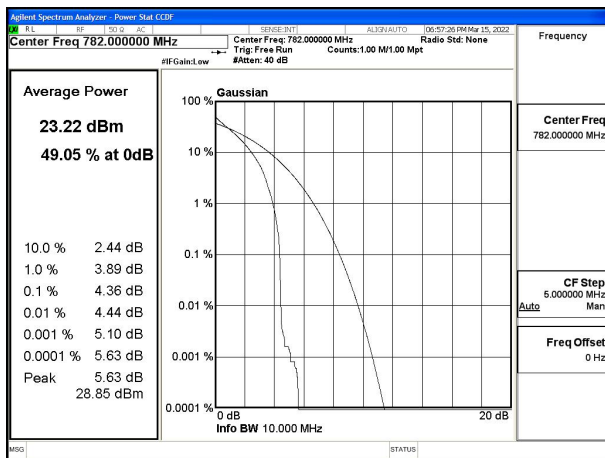


Fig.21

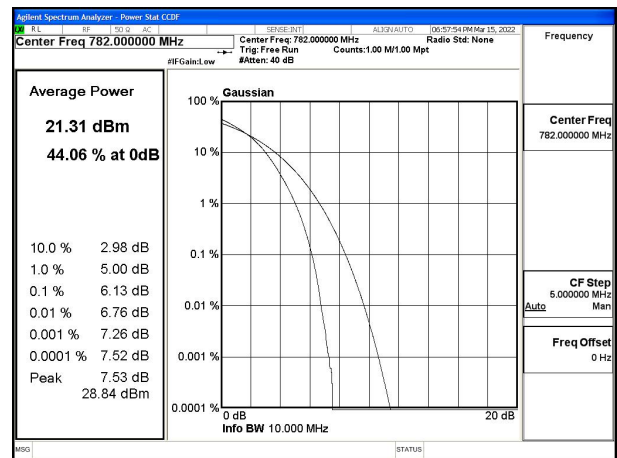


Fig.22

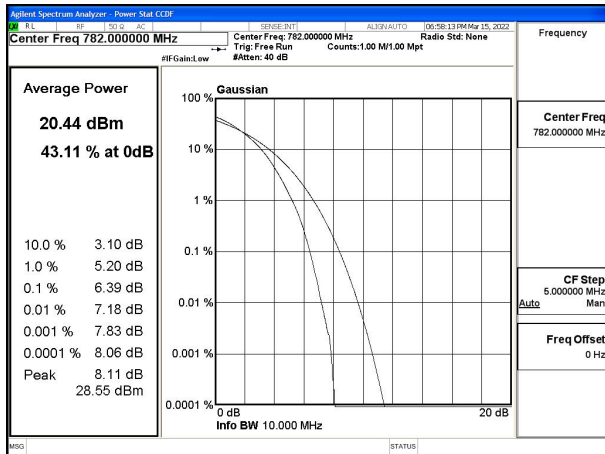


Fig.23

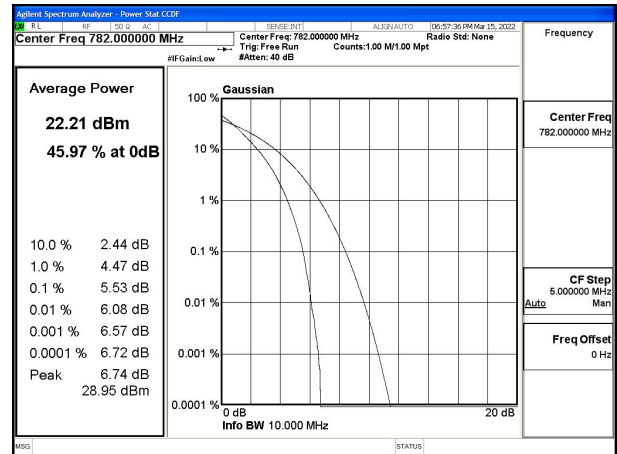


Fig.24

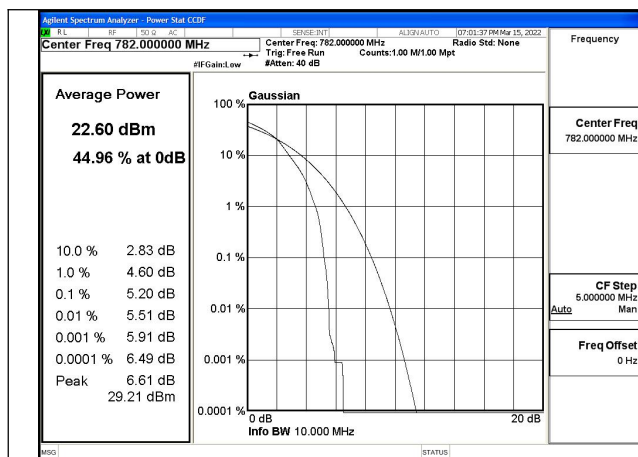


Fig.25

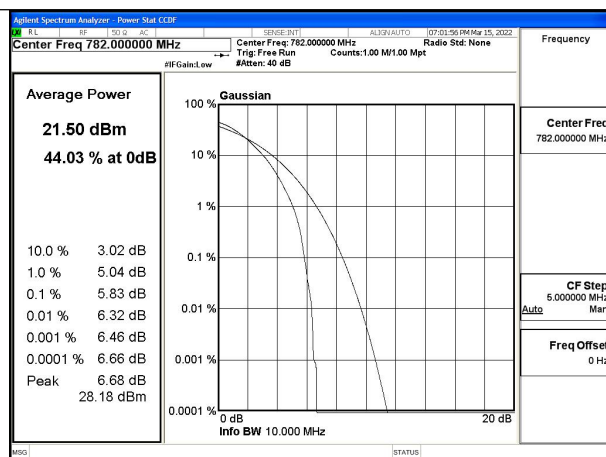


Fig.26

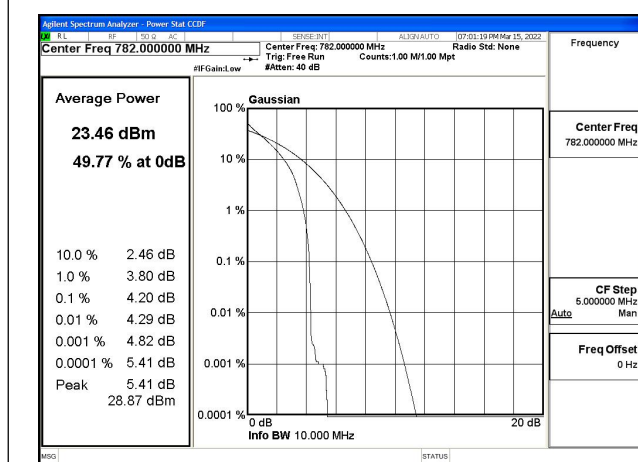


Fig.27

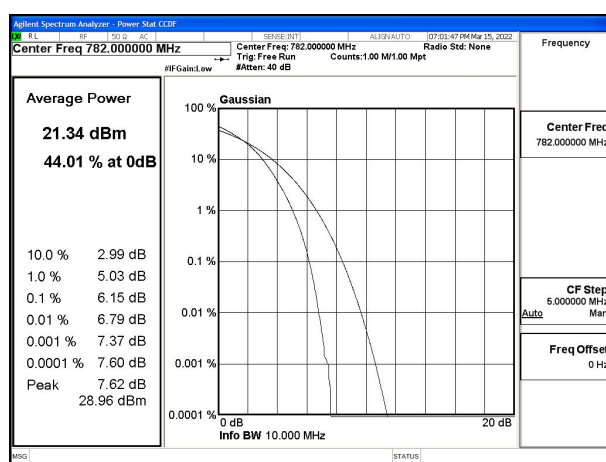


Fig.28

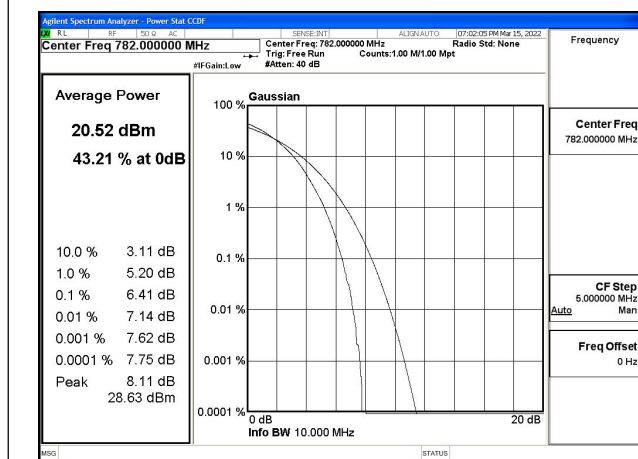


Fig.29

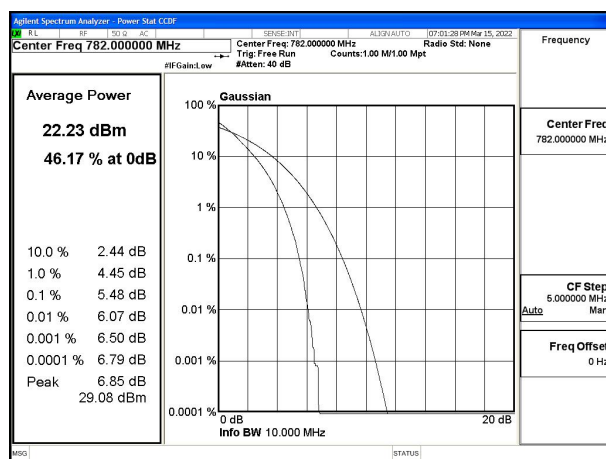


Fig.30

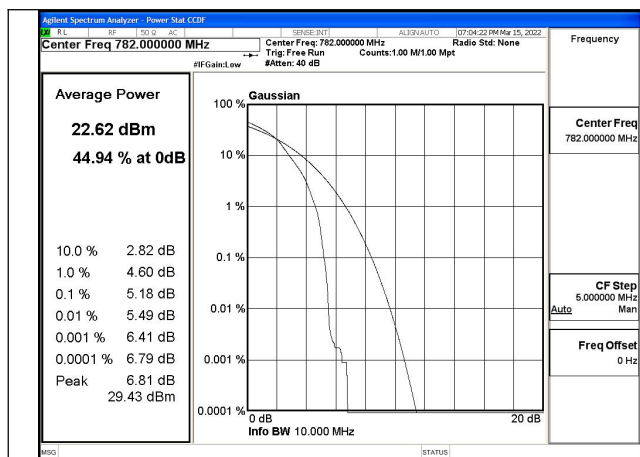


Fig.31

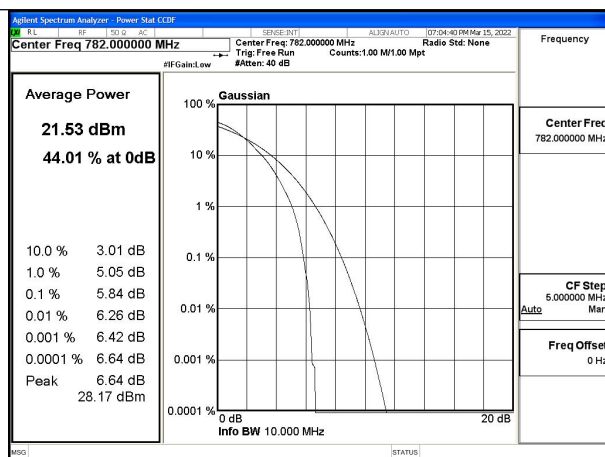


Fig.32

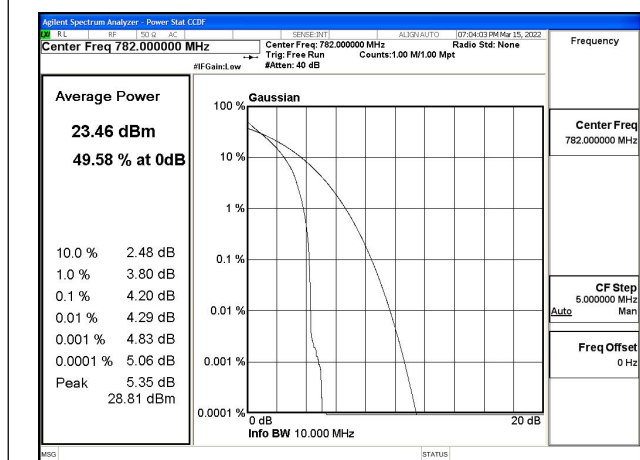


Fig.33

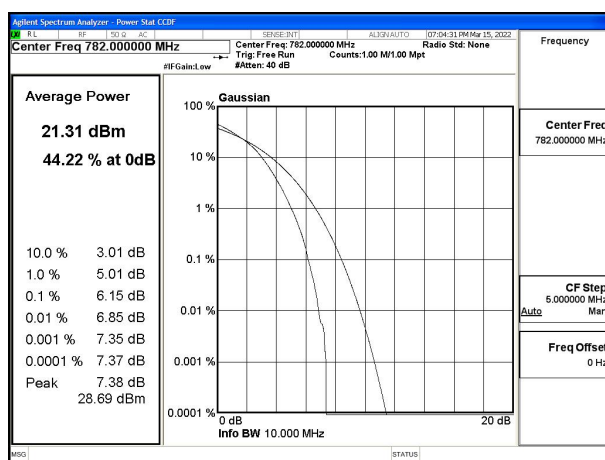


Fig.34

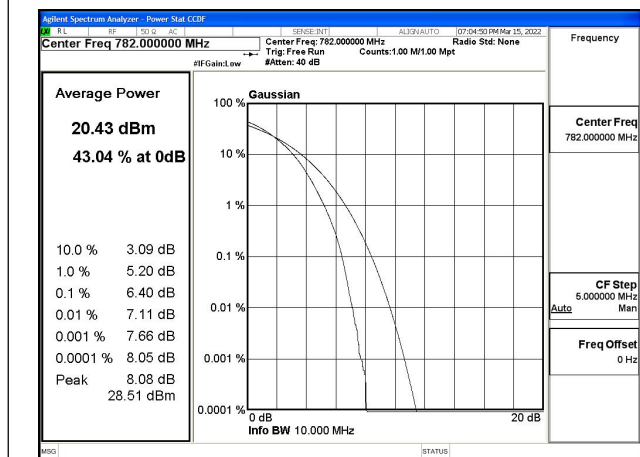


Fig.35

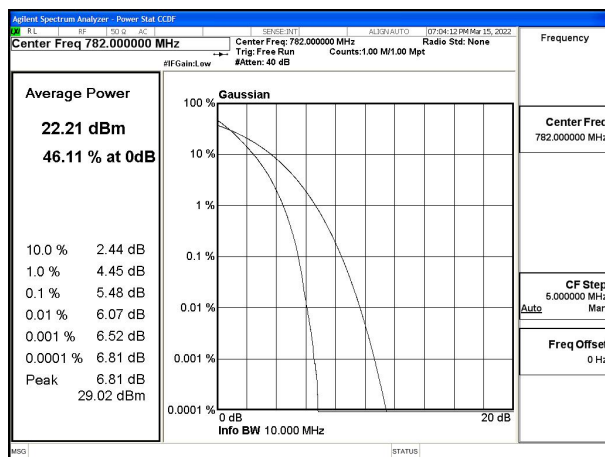


Fig.36

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

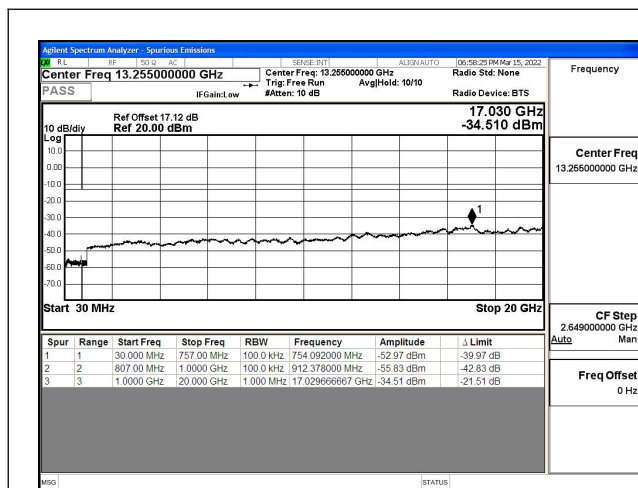


Fig.1

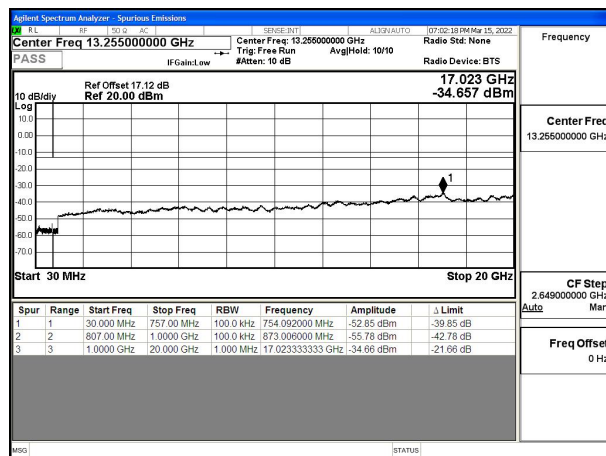


Fig.2

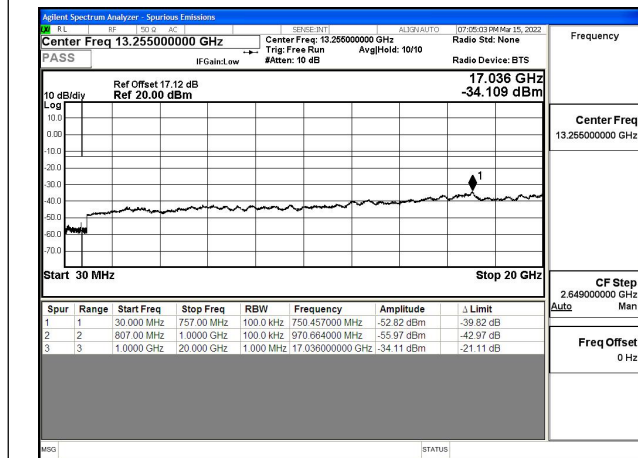


Fig.3

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

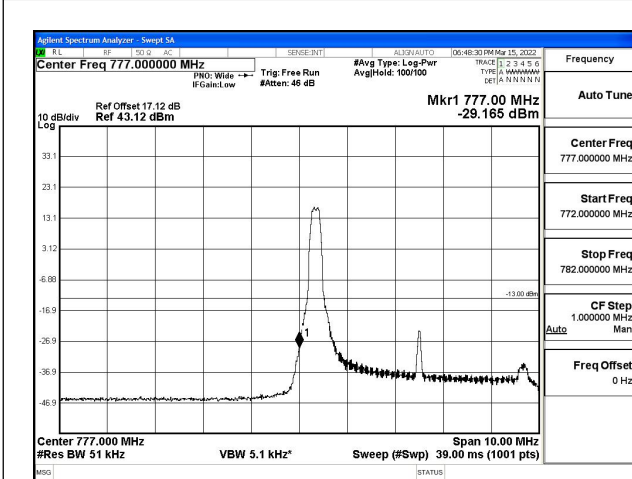


Fig.1

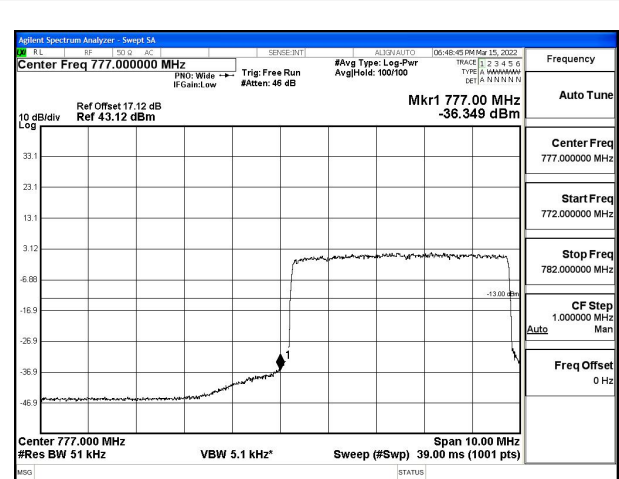


Fig.2

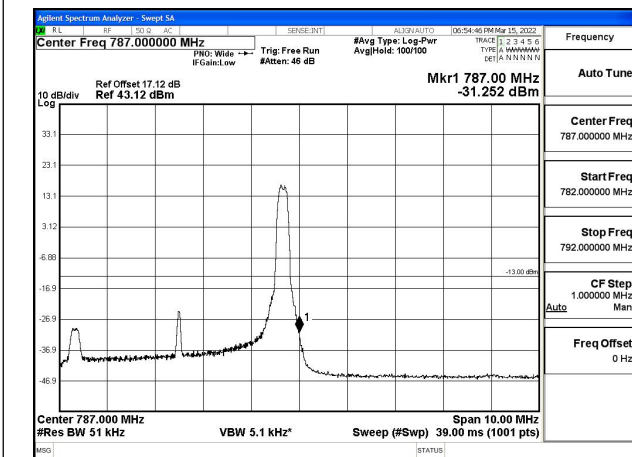


Fig.3

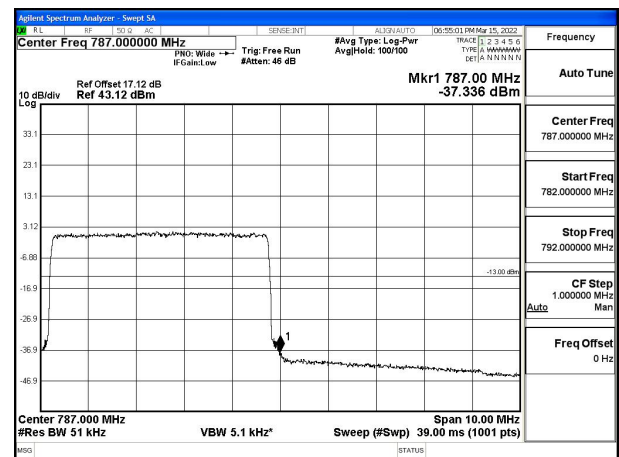


Fig.4

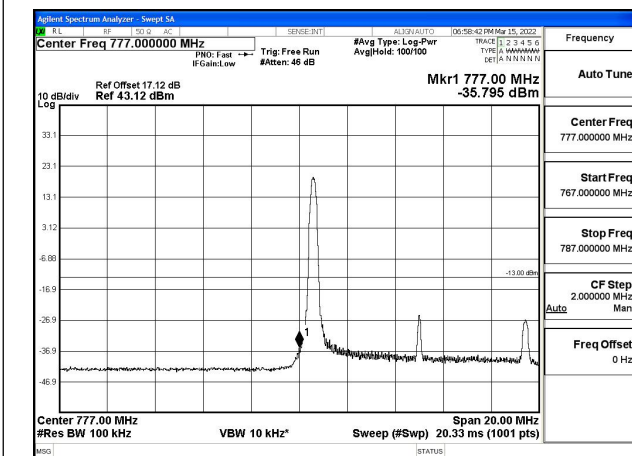


Fig.5

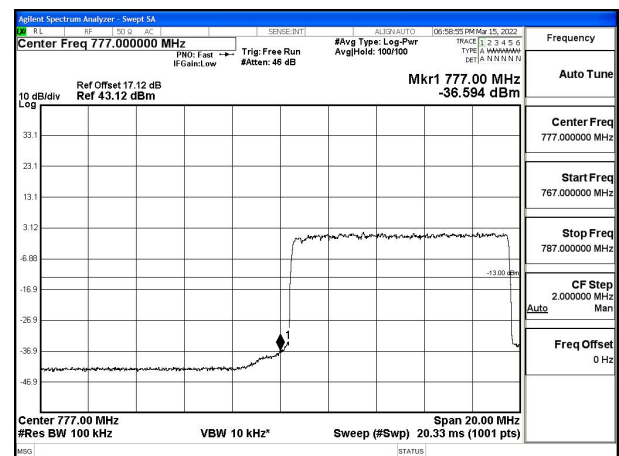


Fig.6

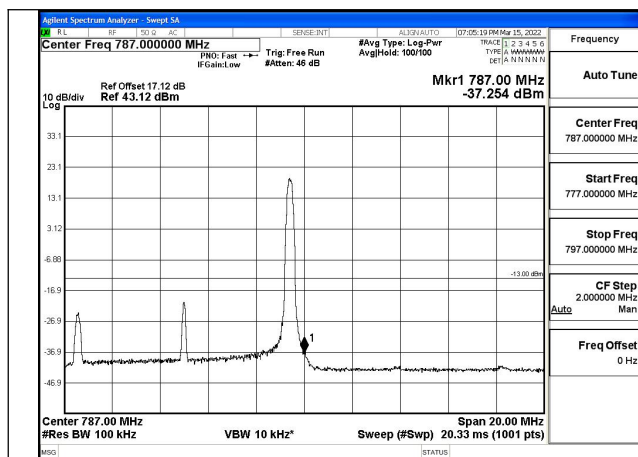


Fig.7

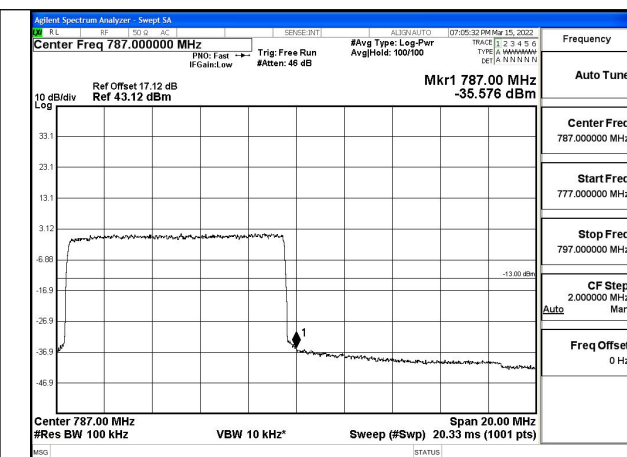


Fig.8

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band 13 Low Channel QPSK	
		5M	10M
-10	NV	0.052	0.031
0	NV	0.012	-0.009
+10	NV	-0.039	-0.015
+20	NV	-0.061	-0.028
+30	NV	-0.047	-0.059
+40	NV	-0.038	-0.027
+50	NV	-0.008	0.017
+20	LV	0.029	-0.011
+20	HV	0.057	0.037

Temperature(°C)	Voltage	Test Result (ppm) Band 13 High Channel QPSK	
		5M	10M
-10	NV	0.060	0.045
0	NV	-0.013	0.003
+10	NV	-0.041	-0.035
+20	NV	-0.037	-0.022
+30	NV	-0.034	0.050
+40	NV	-0.049	-0.052
+50	NV	-0.003	0.019
+20	LV	0.008	-0.010
+20	HV	0.055	0.046

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	23.10	17.88	0.061
QPSK	779.5	23205	5	1	12	23.02	17.80	0.060
QPSK	779.5	23205	5	1	24	23.04	17.82	0.061
QPSK	779.5	23205	5	12	0	22.20	16.98	0.050
QPSK	779.5	23205	5	12	7	22.11	16.89	0.049
QPSK	779.5	23205	5	12	13	22.01	16.79	0.048
QPSK	779.5	23205	5	25	0	22.26	17.04	0.051
QPSK	782	23230	5	1	0	23.28	18.06	0.064
QPSK	782	23230	5	1	12	23.30	18.08	0.064
QPSK	782	23230	5	1	24	23.27	18.05	0.064
QPSK	782	23230	5	12	0	22.23	17.01	0.050
QPSK	782	23230	5	12	7	22.11	16.89	0.049
QPSK	782	23230	5	12	13	22.21	16.99	0.050
QPSK	782	23230	5	25	0	22.18	16.96	0.050
QPSK	784.5	23255	5	1	0	23.43	18.21	0.066
QPSK	784.5	23255	5	1	12	23.38	18.16	0.065
QPSK	784.5	23255	5	1	24	23.28	18.06	0.064
QPSK	784.5	23255	5	12	0	21.99	16.77	0.048
QPSK	784.5	23255	5	12	7	22.21	16.99	0.050
QPSK	784.5	23255	5	12	13	22.09	16.87	0.049
QPSK	784.5	23255	5	25	0	22.03	16.81	0.048

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	22.53	17.31	0.054
16QAM	779.5	23205	5	1	12	22.92	17.70	0.059
16QAM	779.5	23205	5	1	24	22.55	17.33	0.054
16QAM	779.5	23205	5	12	0	21.10	15.88	0.039
16QAM	779.5	23205	5	12	7	21.36	16.14	0.041
16QAM	779.5	23205	5	12	13	21.15	15.93	0.039
16QAM	779.5	23205	5	25	0	21.23	16.01	0.040
16QAM	782	23230	5	1	0	22.92	17.70	0.059
16QAM	782	23230	5	1	12	22.41	17.19	0.052
16QAM	782	23230	5	1	24	22.26	17.04	0.051
16QAM	782	23230	5	12	0	21.11	15.89	0.039
16QAM	782	23230	5	12	7	21.01	15.79	0.038
16QAM	782	23230	5	12	13	21.23	16.01	0.040
16QAM	782	23230	5	25	0	21.19	15.97	0.040
16QAM	784.5	23255	5	1	0	22.22	17.00	0.050
16QAM	784.5	23255	5	1	12	22.41	17.19	0.052
16QAM	784.5	23255	5	1	24	22.80	17.58	0.057
16QAM	784.5	23255	5	12	0	21.25	16.03	0.040
16QAM	784.5	23255	5	12	7	21.17	15.95	0.039
16QAM	784.5	23255	5	12	13	21.05	15.83	0.038
16QAM	784.5	23255	5	25	0	21.33	16.11	0.041
64QAM	779.5	23205	5	1	0	20.95	15.73	0.037
64QAM	779.5	23205	5	1	12	21.36	16.14	0.041
64QAM	779.5	23205	5	1	24	21.15	15.93	0.039
64QAM	779.5	23205	5	12	0	20.64	15.42	0.035
64QAM	779.5	23205	5	12	7	20.25	15.03	0.032
64QAM	779.5	23205	5	12	13	20.07	14.85	0.031
64QAM	779.5	23205	5	25	0	20.03	14.81	0.030
64QAM	782	23230	5	1	0	21.42	16.20	0.042
64QAM	782	23230	5	1	12	21.41	16.19	0.042
64QAM	782	23230	5	1	24	21.13	15.91	0.039
64QAM	782	23230	5	12	0	20.08	14.86	0.031
64QAM	782	23230	5	12	7	20.24	15.02	0.032
64QAM	782	23230	5	12	13	20.31	15.09	0.032
64QAM	782	23230	5	25	0	20.03	14.81	0.030
64QAM	784.5	23255	5	1	0	20.94	15.72	0.037
64QAM	784.5	23255	5	1	12	21.45	16.23	0.042
64QAM	784.5	23255	5	1	24	21.14	15.92	0.039
64QAM	784.5	23255	5	12	0	20.22	15.00	0.032
64QAM	784.5	23255	5	12	7	20.26	15.04	0.032
64QAM	784.5	23255	5	12	13	20.08	14.86	0.031
64QAM	784.5	23255	5	25	0	20.17	14.95	0.031

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	23.32	18.10	0.065
QPSK	782	23230	10	1	25	23.45	18.23	0.067
QPSK	782	23230	10	1	49	23.30	18.08	0.064
QPSK	782	23230	10	25	0	22.20	16.98	0.050
QPSK	782	23230	10	25	12	22.20	16.98	0.050
QPSK	782	23230	10	25	25	22.09	16.87	0.049
QPSK	782	23230	10	50	0	22.08	16.86	0.049
QPSK	782	23230	10	1	0	23.32	18.10	0.065
QPSK	782	23230	10	1	25	23.47	18.25	0.067
QPSK	782	23230	10	1	49	23.36	18.14	0.065
QPSK	782	23230	10	25	0	22.19	16.97	0.050
QPSK	782	23230	10	25	12	22.18	16.96	0.050
QPSK	782	23230	10	25	25	22.18	16.96	0.050
QPSK	782	23230	10	50	0	22.06	16.84	0.048
QPSK	782	23230	10	1	0	23.44	18.22	0.066
QPSK	782	23230	10	1	25	23.38	18.16	0.065
QPSK	782	23230	10	1	49	23.30	18.08	0.064
QPSK	782	23230	10	25	0	22.32	17.10	0.051
QPSK	782	23230	10	25	12	21.99	16.77	0.048
QPSK	782	23230	10	25	25	22.19	16.97	0.050
QPSK	782	23230	10	50	0	22.08	16.86	0.049

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	22.35	17.13	0.052
16QAM	782	23230	10	1	25	22.46	17.24	0.053
16QAM	782	23230	10	1	49	22.65	17.43	0.055
16QAM	782	23230	10	25	0	21.33	16.11	0.041
16QAM	782	23230	10	25	12	21.36	16.14	0.041
16QAM	782	23230	10	25	25	21.08	15.86	0.039
16QAM	782	23230	10	50	0	21.35	16.13	0.041
16QAM	782	23230	10	1	0	22.26	17.04	0.051
16QAM	782	23230	10	1	25	22.30	17.08	0.051
16QAM	782	23230	10	1	49	22.29	17.07	0.051
16QAM	782	23230	10	25	0	21.30	16.08	0.041
16QAM	782	23230	10	25	12	21.32	16.10	0.041
16QAM	782	23230	10	25	25	21.34	16.12	0.041
16QAM	782	23230	10	50	0	21.17	15.95	0.039
16QAM	782	23230	10	1	0	22.45	17.23	0.053
16QAM	782	23230	10	1	25	22.22	17.00	0.050
16QAM	782	23230	10	1	49	22.65	17.43	0.055
16QAM	782	23230	10	25	0	21.26	16.04	0.040
16QAM	782	23230	10	25	12	21.29	16.07	0.040
16QAM	782	23230	10	25	25	21.08	15.86	0.039
16QAM	782	23230	10	50	0	21.21	15.99	0.040
64QAM	782	23230	10	1	0	21.30	16.08	0.041
64QAM	782	23230	10	1	25	21.39	16.17	0.041
64QAM	782	23230	10	1	49	21.11	15.89	0.039
64QAM	782	23230	10	25	0	20.07	14.85	0.031
64QAM	782	23230	10	25	12	20.20	14.98	0.031
64QAM	782	23230	10	25	25	20.19	14.97	0.031
64QAM	782	23230	10	50	0	20.47	15.25	0.033
64QAM	782	23230	10	1	0	21.88	16.66	0.046
64QAM	782	23230	10	1	25	21.81	16.59	0.046
64QAM	782	23230	10	1	49	21.76	16.54	0.045
64QAM	782	23230	10	25	0	20.35	15.13	0.033
64QAM	782	23230	10	25	12	20.38	15.16	0.033
64QAM	782	23230	10	25	25	20.55	15.33	0.034
64QAM	782	23230	10	50	0	20.54	15.32	0.034
64QAM	782	23230	10	1	0	20.99	15.77	0.038
64QAM	782	23230	10	1	25	21.14	15.92	0.039
64QAM	782	23230	10	1	49	21.21	15.99	0.040
64QAM	782	23230	10	25	0	20.18	14.96	0.031
64QAM	782	23230	10	25	12	20.24	15.02	0.032
64QAM	782	23230	10	25	25	20.14	14.92	0.031
64QAM	782	23230	10	50	0	20.18	14.96	0.031