

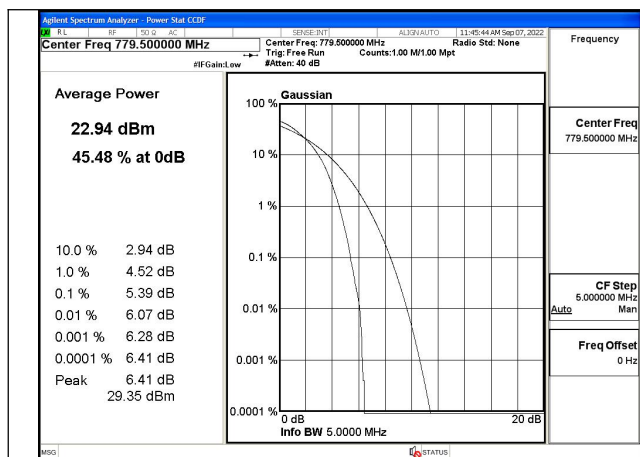


Fig.5

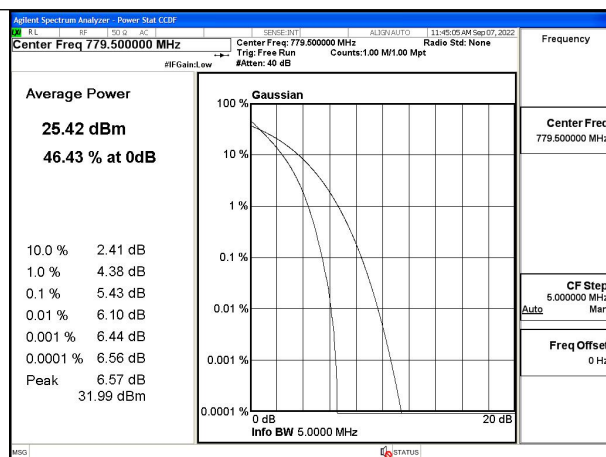


Fig.6

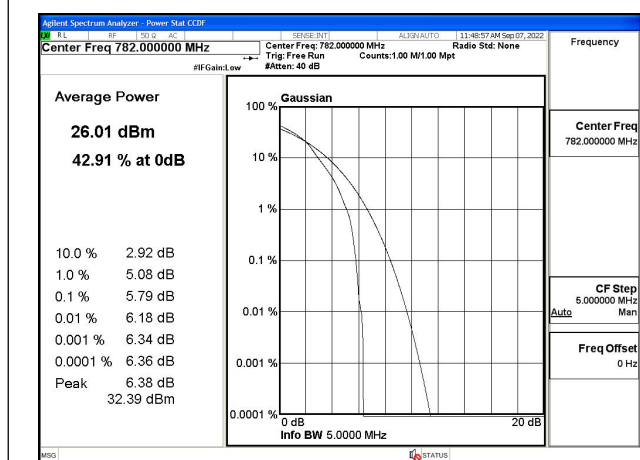


Fig.7

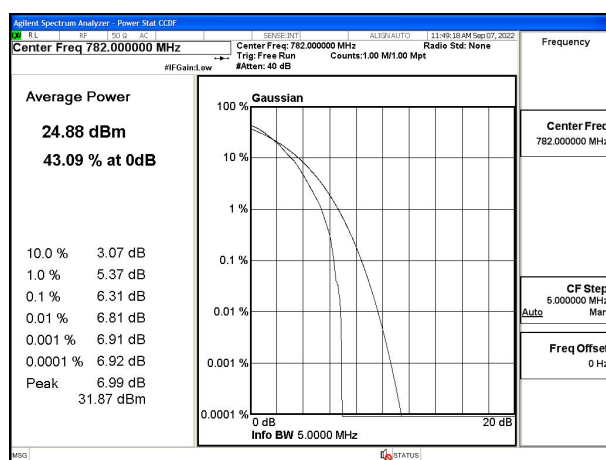


Fig.8

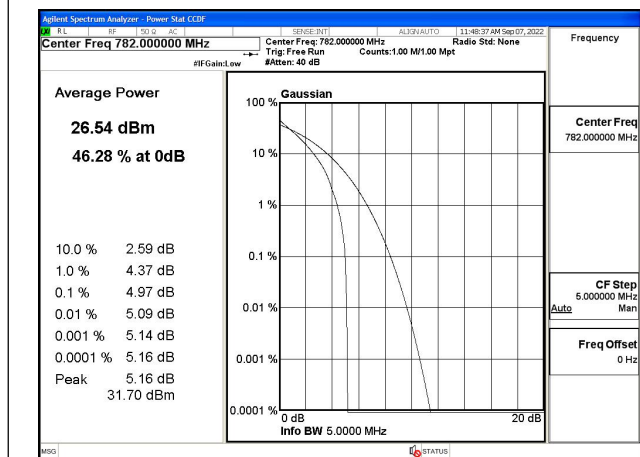


Fig.9

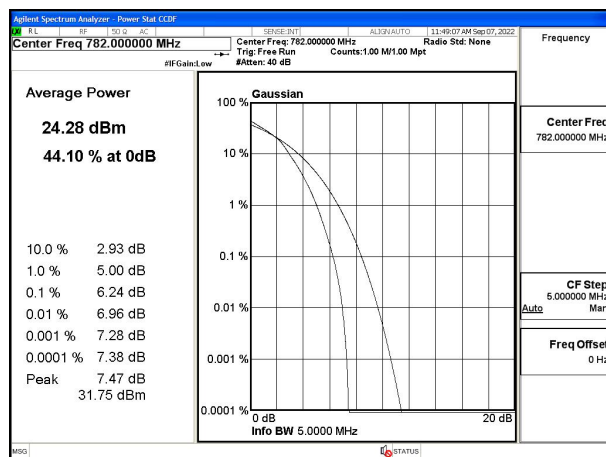


Fig.10

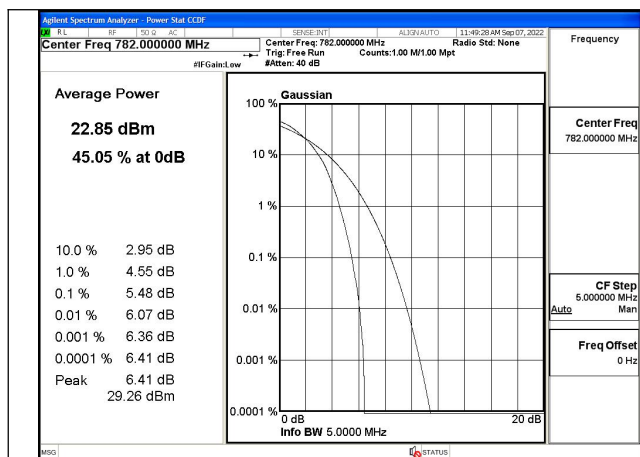


Fig.11

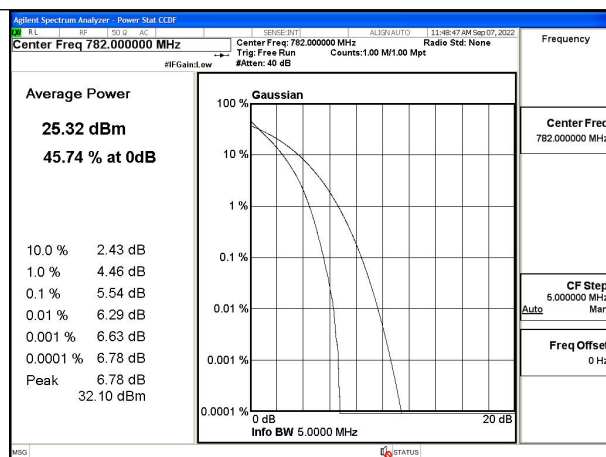


Fig.12

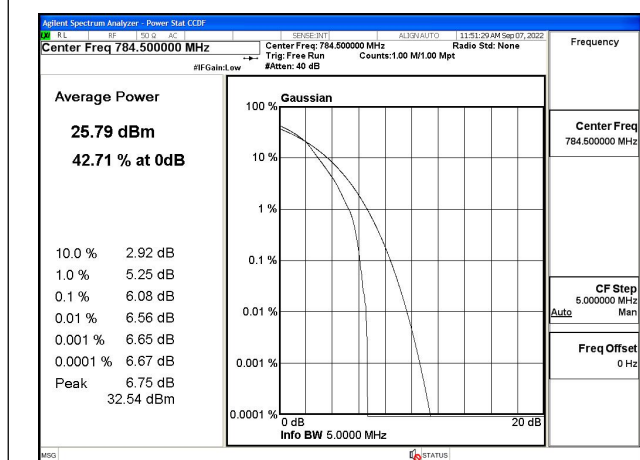


Fig.13

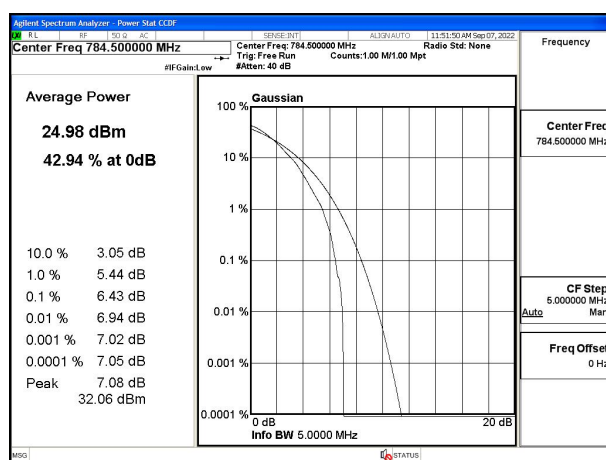


Fig.14

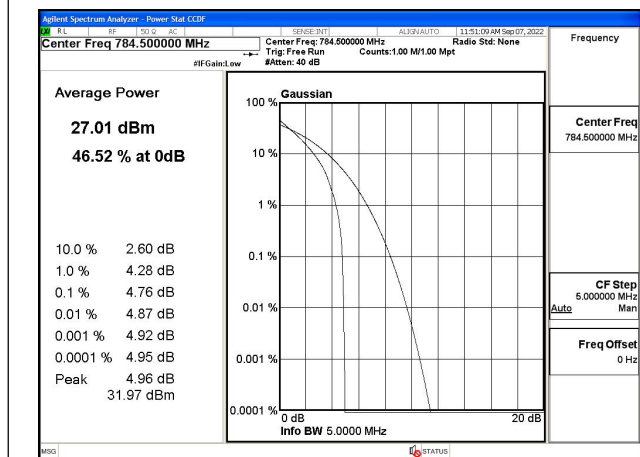


Fig.15

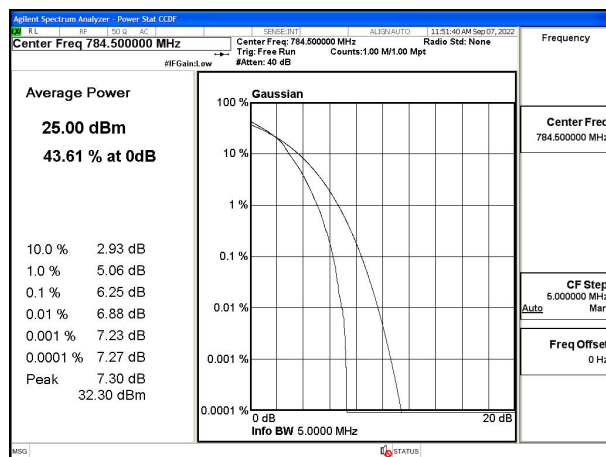


Fig.16

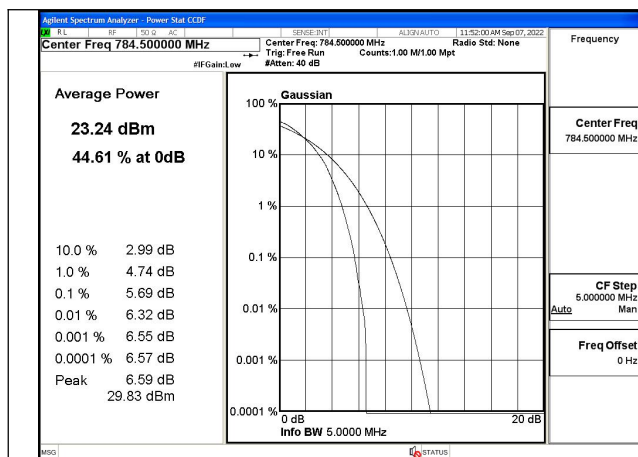


Fig.17

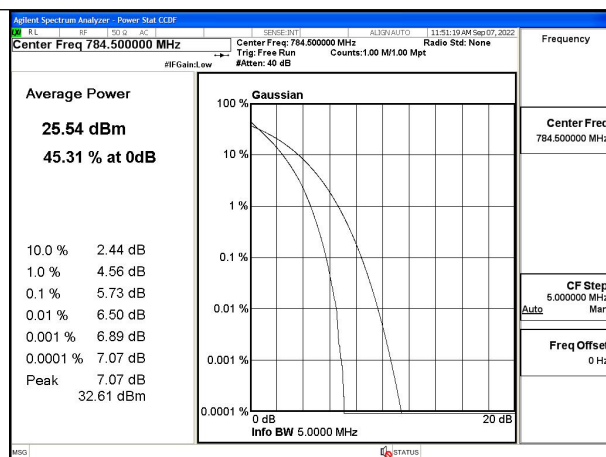


Fig.18

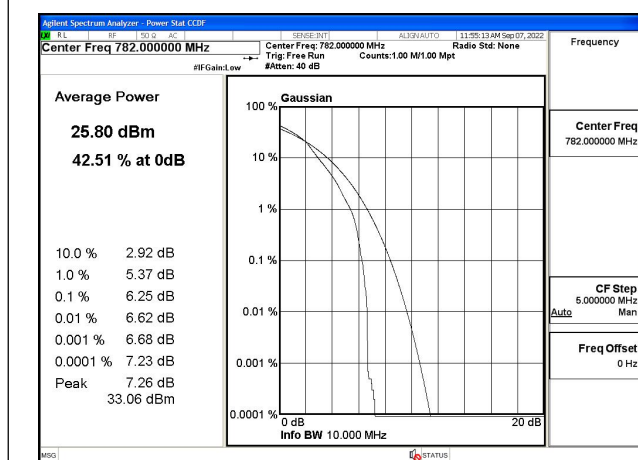


Fig.19

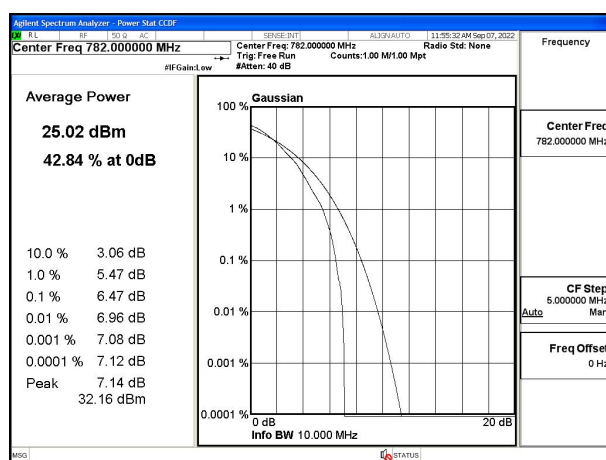


Fig.20

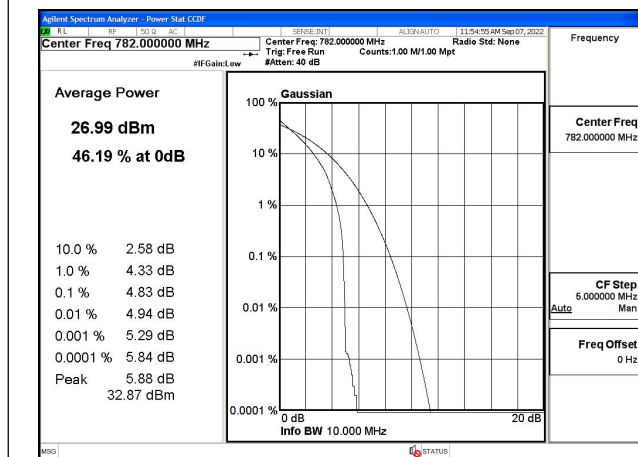


Fig.21

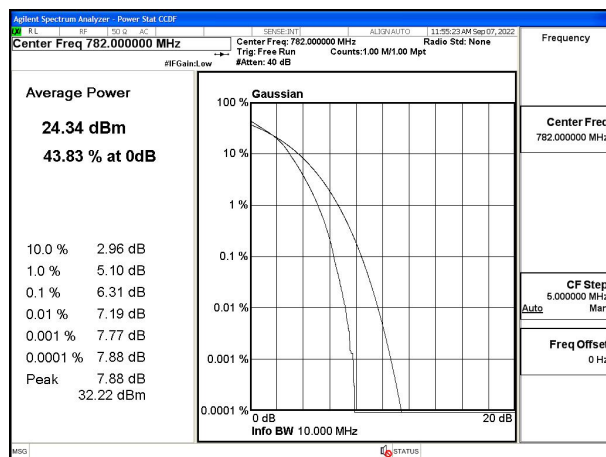


Fig.22

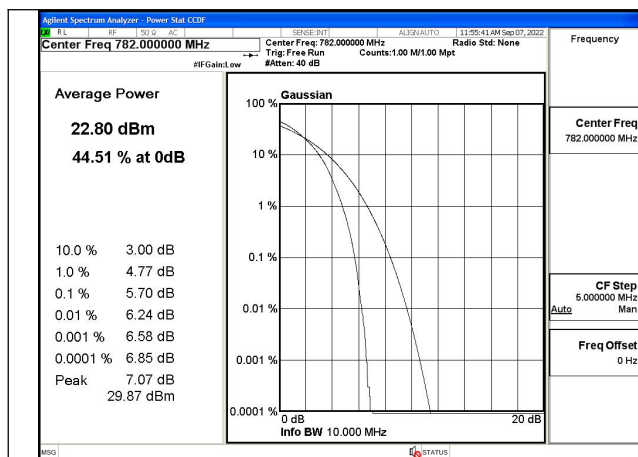


Fig.23

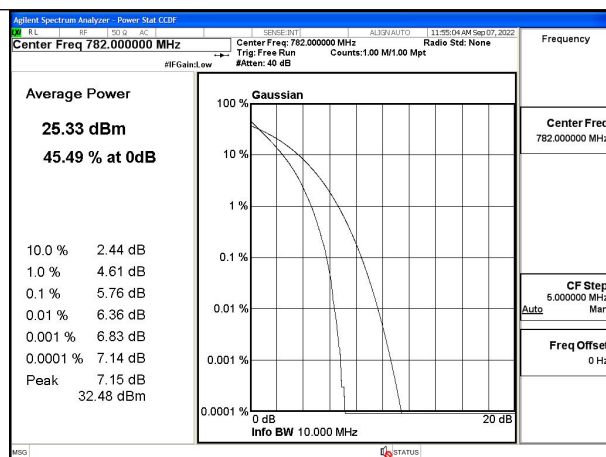


Fig.24

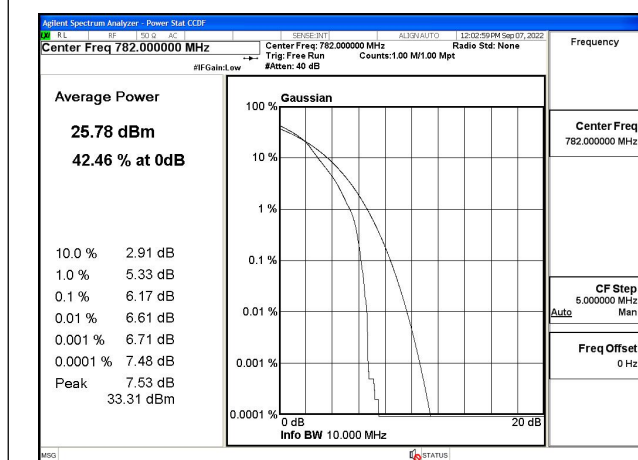


Fig.25

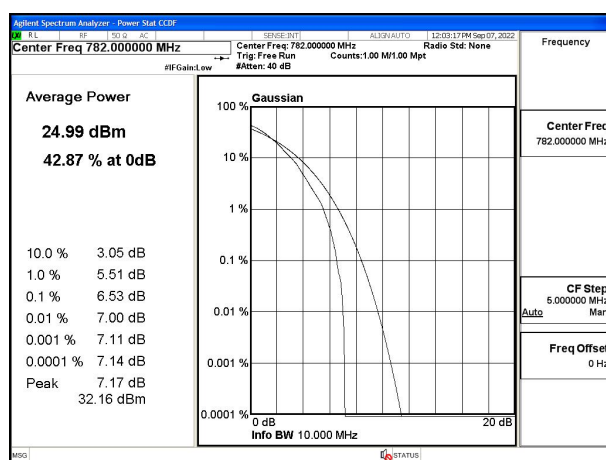


Fig.26

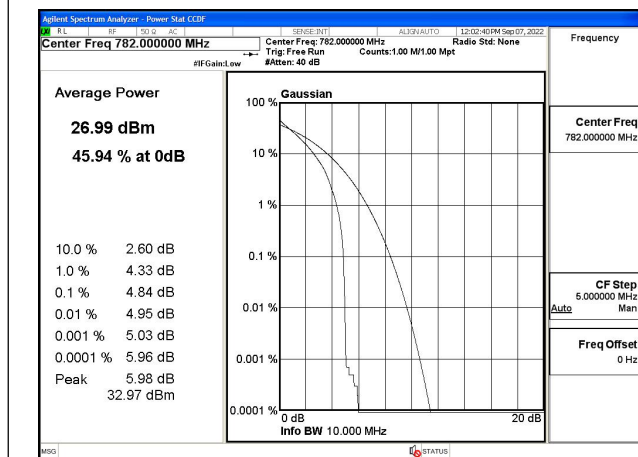


Fig.27

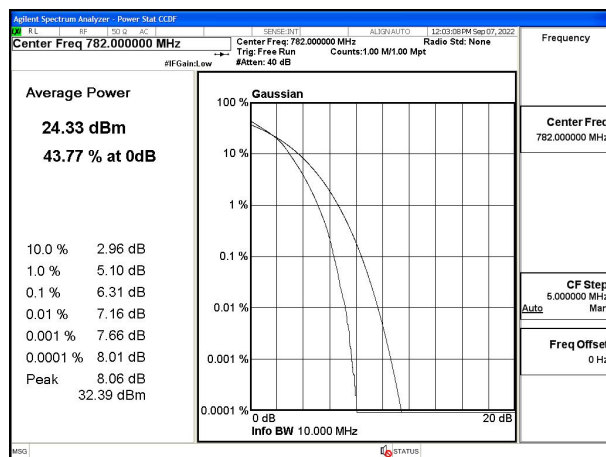


Fig.28

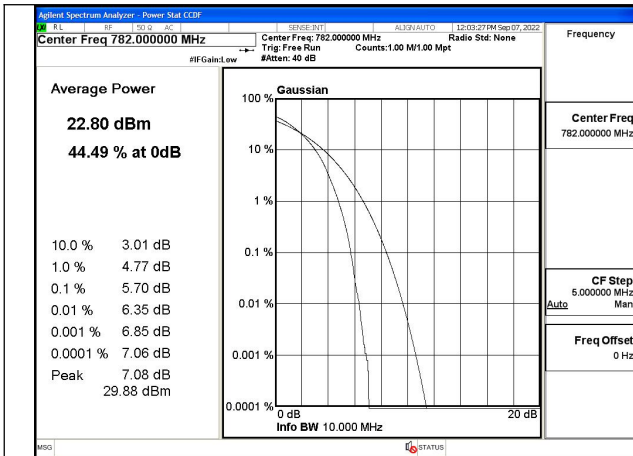


Fig.29

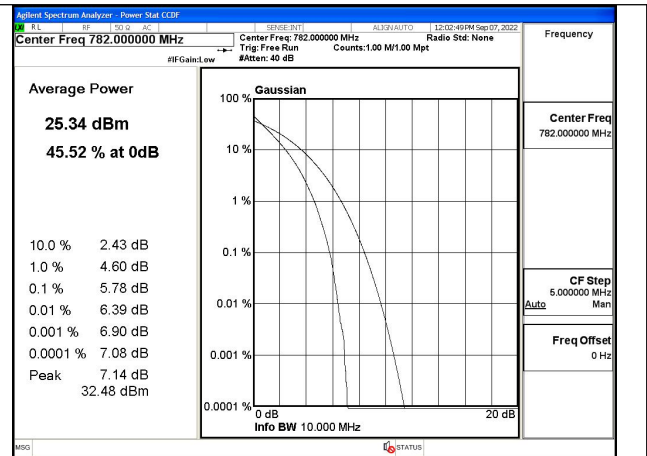


Fig.30

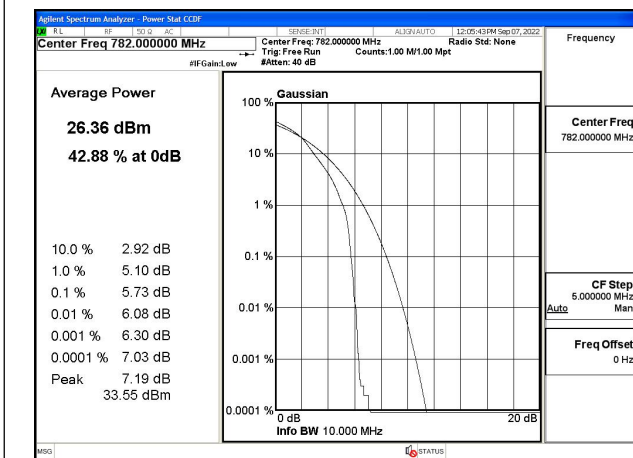


Fig.31

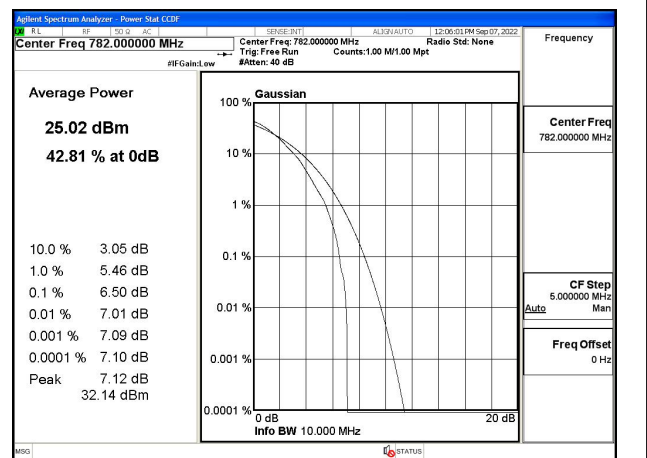


Fig.32

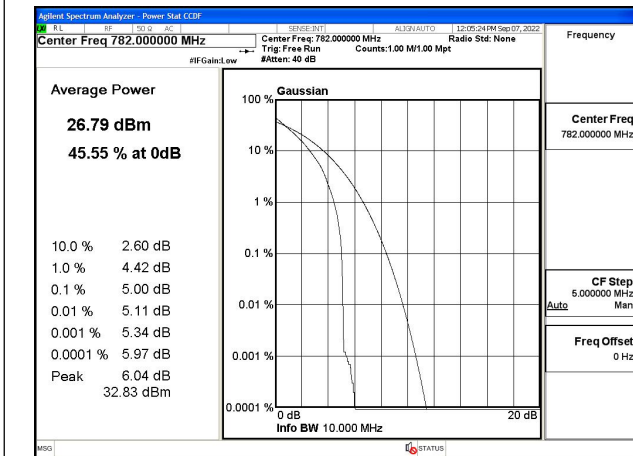


Fig.33

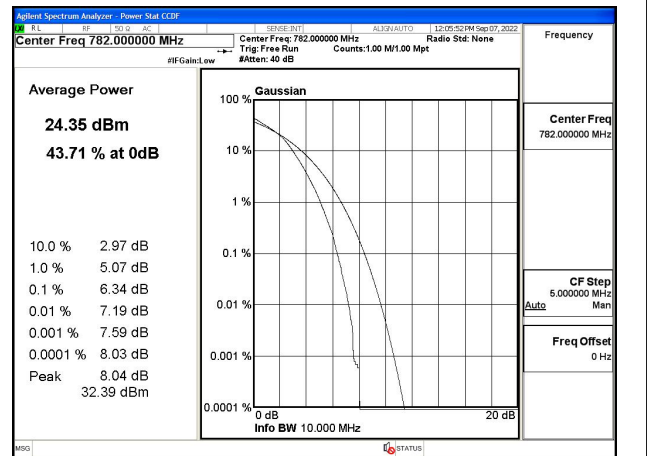


Fig.34

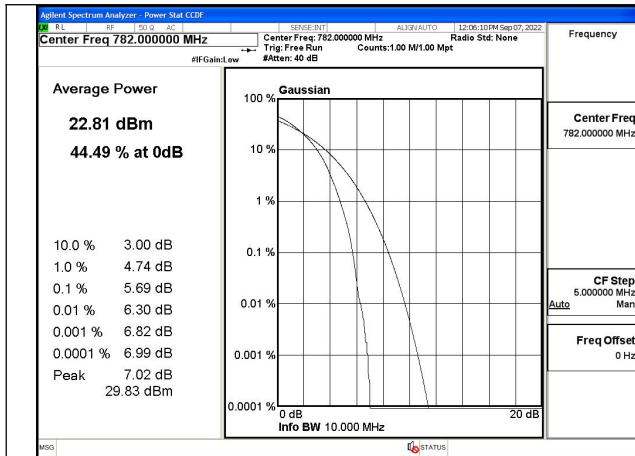


Fig.35

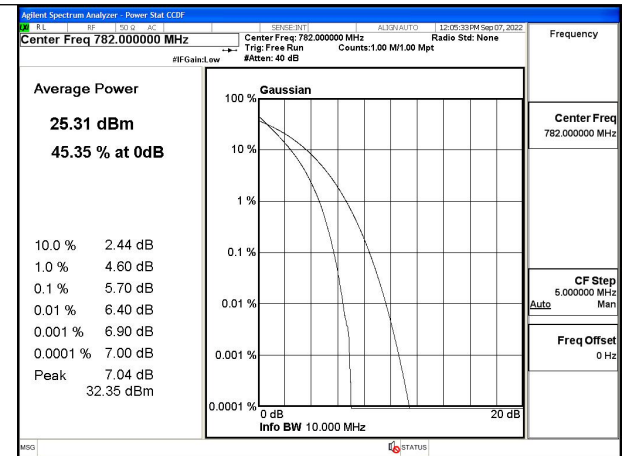


Fig.36

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

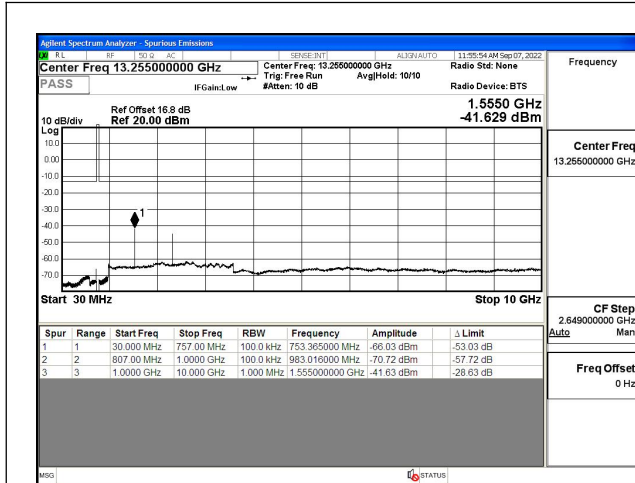


Fig.1

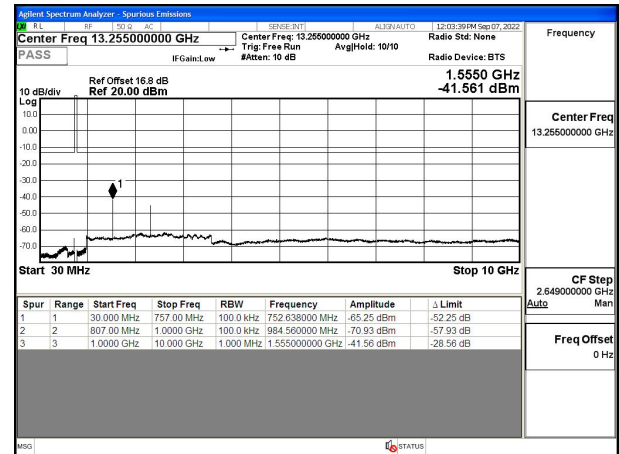


Fig.2

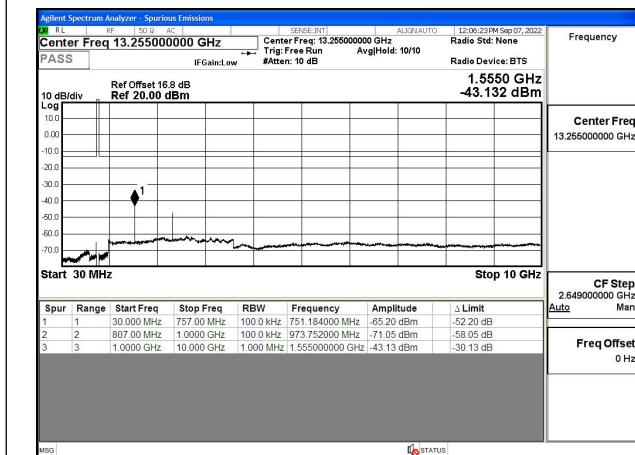


Fig.3

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	1	49	Fig.6
13	QPSK	782	23230	10	50	0	Fig.7

Test Mode: QPSK

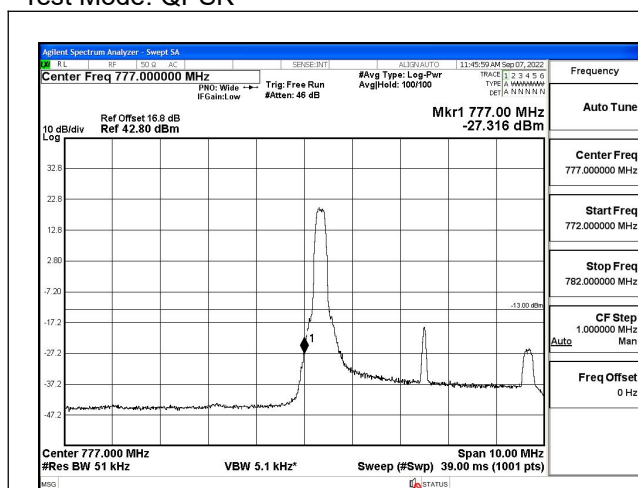


Fig.1

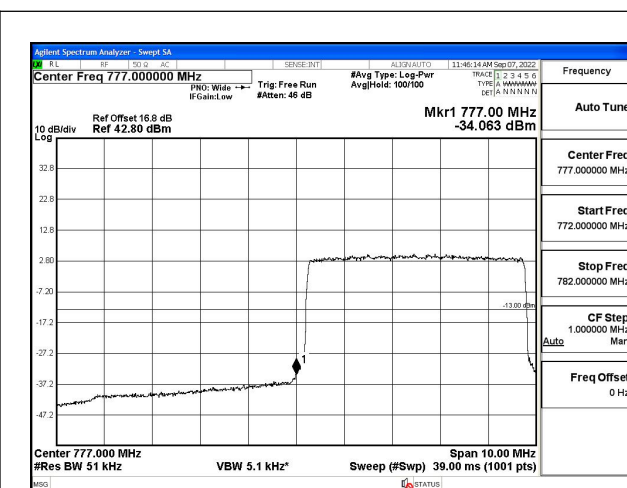


Fig.2

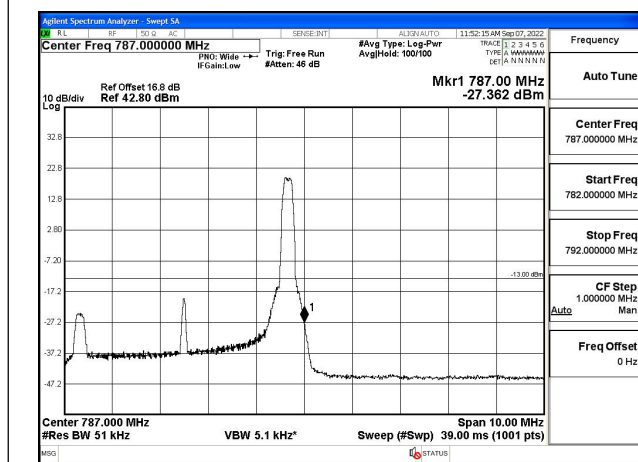


Fig.3

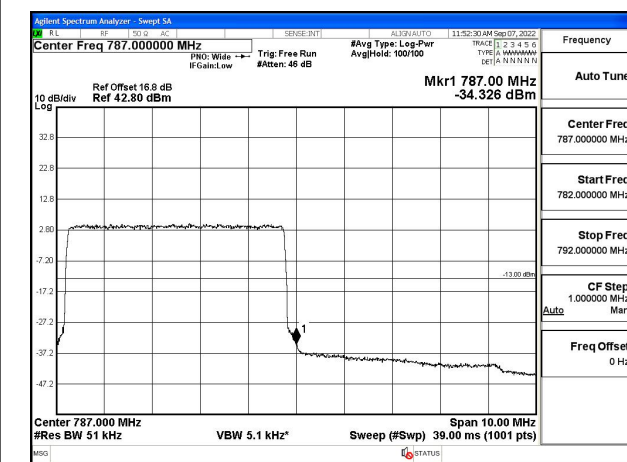


Fig.4

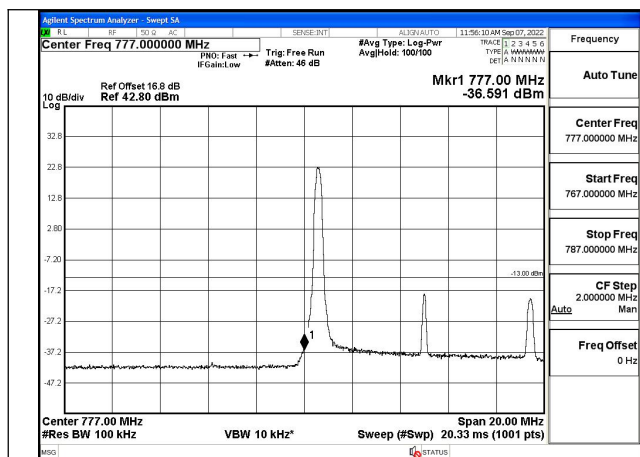


Fig.5

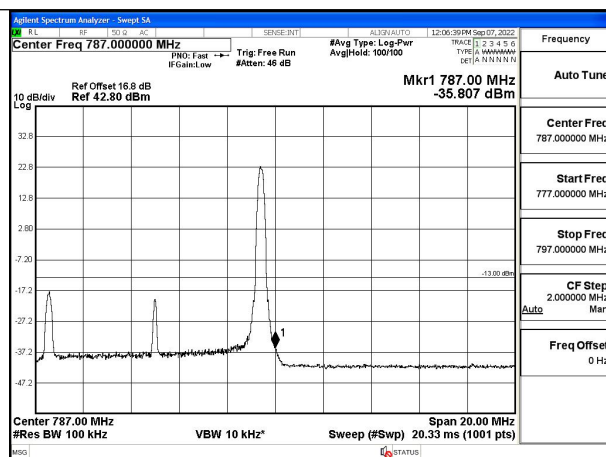


Fig.6

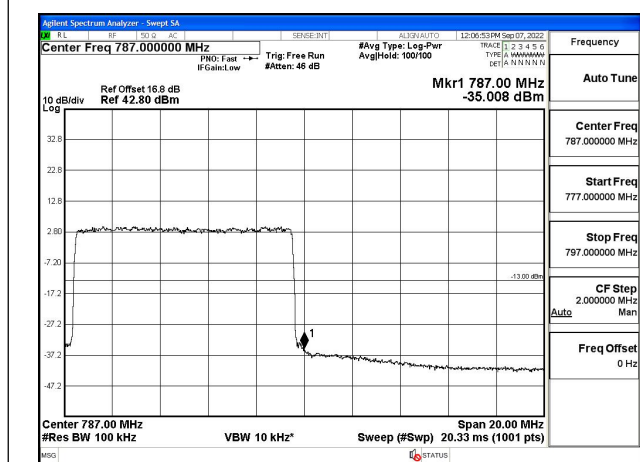


Fig.7

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band 13 Low Channel QPSK	
		5M	10M
-10	NV	-0.002	-0.010
0	NV	0.008	0.010
+10	NV	0.007	-0.005
+20	NV	-0.003	-0.005
+30	NV	-0.003	-0.017
+40	NV	0.008	0.002
+50	NV	0.008	0.010
+55	NV	-0.007	0.002
+20	LV	-0.031	-0.004
+20	HV	-0.006	0.014

Temperature(°C)	Voltage	Test Result (ppm) Band 13 High Channel QPSK	
		5M	10M
-10	NV	-0.017	-0.002
0	NV	-0.019	-0.015
+10	NV	-0.018	-0.013
+20	NV	-0.006	0.012
+30	NV	-0.006	-0.016
+40	NV	0.007	-0.006
+50	NV	-0.035	0.010
+55	NV	-0.016	-0.013
+20	LV	-0.014	-0.005
+20	HV	-0.001	-0.006

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	26.37	20.82	0.121
QPSK	779.5	23205	5	1	12	26.24	20.69	0.117
QPSK	779.5	23205	5	1	24	26.04	20.49	0.112
QPSK	779.5	23205	5	12	0	25.38	19.83	0.096
QPSK	779.5	23205	5	12	7	25.16	19.61	0.091
QPSK	779.5	23205	5	12	13	25.24	19.69	0.093
QPSK	779.5	23205	5	25	0	25.24	19.69	0.093
QPSK	782	23230	5	1	0	26.54	20.99	0.126
QPSK	782	23230	5	1	12	26.30	20.75	0.119
QPSK	782	23230	5	1	24	26.39	20.84	0.121
QPSK	782	23230	5	12	0	25.13	19.58	0.091
QPSK	782	23230	5	12	7	25.14	19.59	0.091
QPSK	782	23230	5	12	13	25.33	19.78	0.095
QPSK	782	23230	5	25	0	25.00	19.45	0.088
QPSK	784.5	23255	5	1	0	26.23	20.68	0.117
QPSK	784.5	23255	5	1	12	26.52	20.97	0.125
QPSK	784.5	23255	5	1	24	26.50	20.95	0.124
QPSK	784.5	23255	5	12	0	25.25	19.70	0.093
QPSK	784.5	23255	5	12	7	25.34	19.79	0.095
QPSK	784.5	23255	5	12	13	25.41	19.86	0.097
QPSK	784.5	23255	5	25	0	25.17	19.62	0.092

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	25.72	20.17	0.104
16QAM	779.5	23205	5	1	12	25.58	20.03	0.101
16QAM	779.5	23205	5	1	24	24.94	19.39	0.087
16QAM	779.5	23205	5	12	0	24.63	19.08	0.081
16QAM	779.5	23205	5	12	7	24.32	18.77	0.075
16QAM	779.5	23205	5	12	13	24.39	18.84	0.077
16QAM	779.5	23205	5	25	0	24.16	18.61	0.073
16QAM	782	23230	5	1	0	25.32	19.77	0.095
16QAM	782	23230	5	1	12	25.25	19.70	0.093
16QAM	782	23230	5	1	24	25.52	19.97	0.099
16QAM	782	23230	5	12	0	24.30	18.75	0.075
16QAM	782	23230	5	12	7	24.07	18.52	0.071
16QAM	782	23230	5	12	13	24.48	18.93	0.078
16QAM	782	23230	5	25	0	24.02	18.47	0.070
16QAM	784.5	23255	5	1	0	25.32	19.77	0.095
16QAM	784.5	23255	5	1	12	25.57	20.02	0.100
16QAM	784.5	23255	5	1	24	25.88	20.33	0.108
16QAM	784.5	23255	5	12	0	24.73	19.18	0.083
16QAM	784.5	23255	5	12	7	24.62	19.07	0.081
16QAM	784.5	23255	5	12	13	24.44	18.89	0.077
16QAM	784.5	23255	5	25	0	24.68	19.13	0.082
64QAM	779.5	23205	5	1	0	24.62	19.07	0.081
64QAM	779.5	23205	5	1	12	24.30	18.75	0.075
64QAM	779.5	23205	5	1	24	24.43	18.88	0.077
64QAM	779.5	23205	5	12	0	22.96	17.41	0.055
64QAM	779.5	23205	5	12	7	22.79	17.24	0.053
64QAM	779.5	23205	5	12	13	22.74	17.19	0.052
64QAM	779.5	23205	5	25	0	22.90	17.35	0.054
64QAM	782	23230	5	1	0	24.58	19.03	0.080
64QAM	782	23230	5	1	12	23.99	18.44	0.070
64QAM	782	23230	5	1	24	24.58	19.03	0.080
64QAM	782	23230	5	12	0	22.57	17.02	0.050
64QAM	782	23230	5	12	7	22.42	16.87	0.049
64QAM	782	23230	5	12	13	22.95	17.40	0.055
64QAM	782	23230	5	25	0	22.43	16.88	0.049
64QAM	784.5	23255	5	1	0	24.31	18.76	0.075
64QAM	784.5	23255	5	1	12	25.15	19.60	0.091
64QAM	784.5	23255	5	1	24	25.08	19.53	0.090
64QAM	784.5	23255	5	12	0	23.11	17.56	0.057
64QAM	784.5	23255	5	12	7	23.15	17.60	0.058
64QAM	784.5	23255	5	12	13	23.19	17.64	0.058
64QAM	784.5	23255	5	25	0	23.01	17.46	0.056

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	26.40	20.85	0.122
QPSK	782	23230	10	1	25	26.02	20.47	0.111
QPSK	782	23230	10	1	49	26.48	20.93	0.124
QPSK	782	23230	10	25	0	25.35	19.80	0.095
QPSK	782	23230	10	25	12	25.04	19.49	0.089
QPSK	782	23230	10	25	25	25.31	19.76	0.095
QPSK	782	23230	10	50	0	25.02	19.47	0.089
QPSK	782	23230	10	1	0	26.44	20.89	0.123
QPSK	782	23230	10	1	25	26.09	20.54	0.113
QPSK	782	23230	10	1	49	26.44	20.89	0.123
QPSK	782	23230	10	25	0	25.11	19.56	0.090
QPSK	782	23230	10	25	12	24.93	19.38	0.087
QPSK	782	23230	10	25	25	25.32	19.77	0.095
QPSK	782	23230	10	50	0	25.03	19.48	0.089
QPSK	782	23230	10	1	0	26.32	20.77	0.119
QPSK	782	23230	10	1	25	25.99	20.44	0.111
QPSK	782	23230	10	1	49	26.48	20.93	0.124
QPSK	782	23230	10	25	0	25.29	19.74	0.094
QPSK	782	23230	10	25	12	25.07	19.52	0.090
QPSK	782	23230	10	25	25	25.18	19.63	0.092
QPSK	782	23230	10	50	0	25.05	19.50	0.089

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	25.82	20.27	0.106
16QAM	782	23230	10	1	25	25.50	19.95	0.099
16QAM	782	23230	10	1	49	26.09	20.54	0.113
16QAM	782	23230	10	25	0	24.08	18.53	0.071
16QAM	782	23230	10	25	12	24.03	18.48	0.070
16QAM	782	23230	10	25	25	24.48	18.93	0.078
16QAM	782	23230	10	50	0	24.02	18.47	0.070
16QAM	782	23230	10	1	0	26.03	20.48	0.112
16QAM	782	23230	10	1	25	25.43	19.88	0.097
16QAM	782	23230	10	1	49	25.94	20.39	0.109
16QAM	782	23230	10	25	0	24.21	18.66	0.073
16QAM	782	23230	10	25	12	23.99	18.44	0.070
16QAM	782	23230	10	25	25	24.51	18.96	0.079
16QAM	782	23230	10	50	0	24.04	18.49	0.071
16QAM	782	23230	10	1	0	25.76	20.21	0.105
16QAM	782	23230	10	1	25	25.40	19.85	0.097
16QAM	782	23230	10	1	49	25.89	20.34	0.108
16QAM	782	23230	10	25	0	24.35	18.80	0.076
16QAM	782	23230	10	25	12	24.03	18.48	0.070
16QAM	782	23230	10	25	25	24.48	18.93	0.078
16QAM	782	23230	10	50	0	24.00	18.45	0.070
64QAM	782	23230	10	1	0	24.80	19.25	0.084
64QAM	782	23230	10	1	25	24.27	18.72	0.074
64QAM	782	23230	10	1	49	24.72	19.17	0.083
64QAM	782	23230	10	25	0	22.78	17.23	0.053
64QAM	782	23230	10	25	12	22.49	16.94	0.049
64QAM	782	23230	10	25	25	22.98	17.43	0.055
64QAM	782	23230	10	50	0	22.58	17.03	0.050
64QAM	782	23230	10	1	0	24.80	19.25	0.084
64QAM	782	23230	10	1	25	24.31	18.76	0.075
64QAM	782	23230	10	1	49	24.39	18.84	0.077
64QAM	782	23230	10	25	0	22.66	17.11	0.051
64QAM	782	23230	10	25	12	22.64	17.09	0.051
64QAM	782	23230	10	25	25	22.98	17.43	0.055
64QAM	782	23230	10	50	0	22.44	16.89	0.049
64QAM	782	23230	10	1	0	24.73	19.18	0.083
64QAM	782	23230	10	1	25	24.25	18.70	0.074
64QAM	782	23230	10	1	49	24.57	19.02	0.080
64QAM	782	23230	10	25	0	22.77	17.22	0.053
64QAM	782	23230	10	25	12	22.43	16.88	0.049
64QAM	782	23230	10	25	25	23.01	17.46	0.056
64QAM	782	23230	10	50	0	22.63	17.08	0.051