

Fig.7

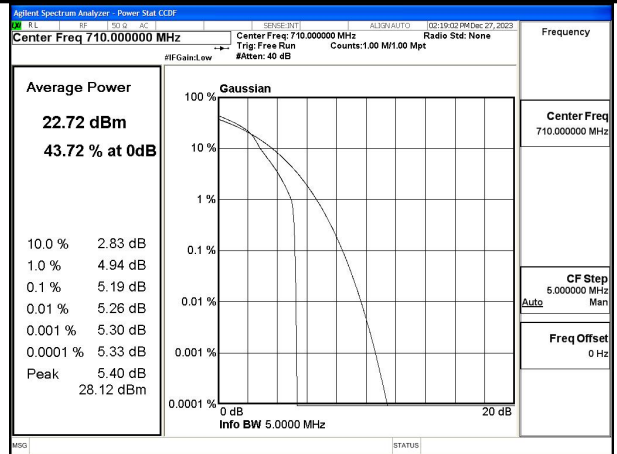


Fig.8

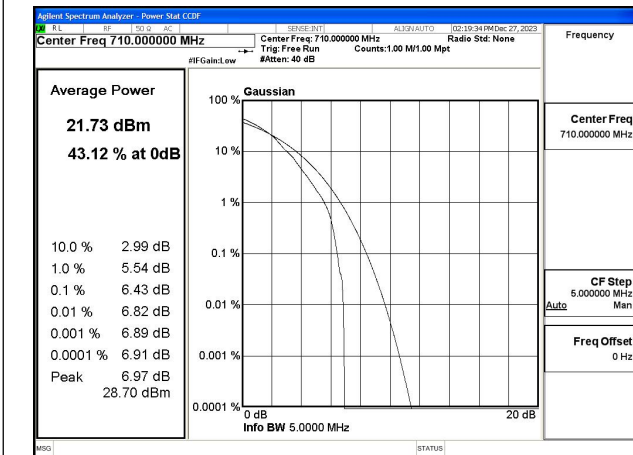


Fig.9

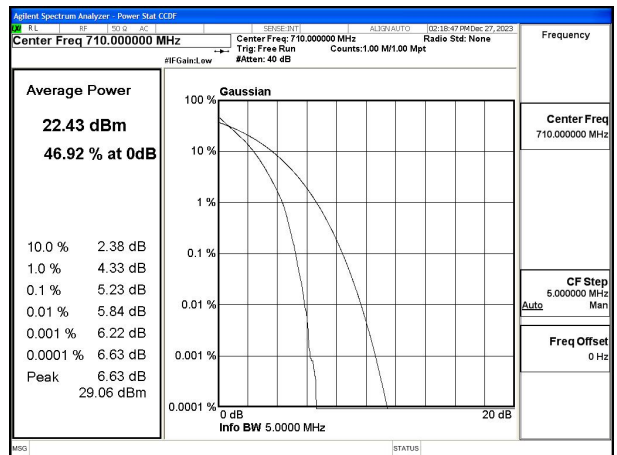


Fig.10

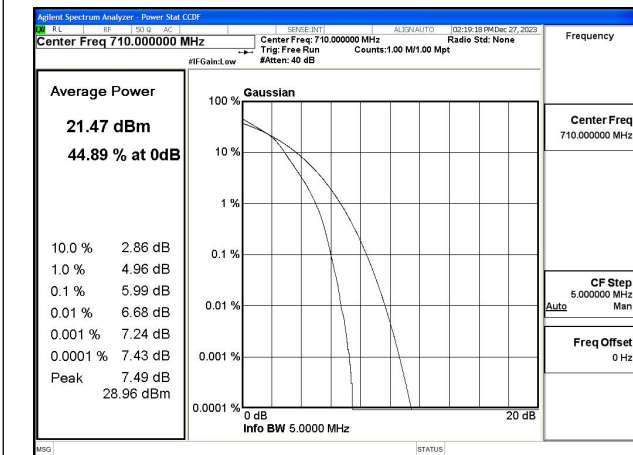


Fig.11

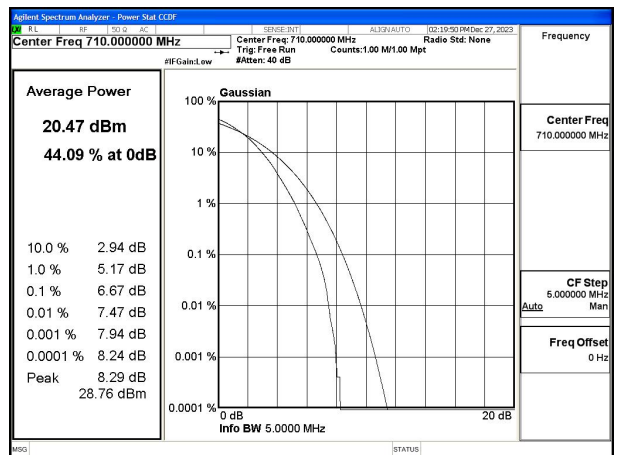


Fig.12

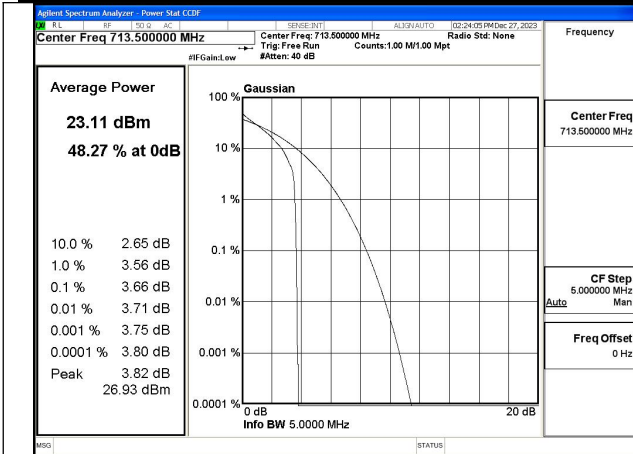


Fig.13

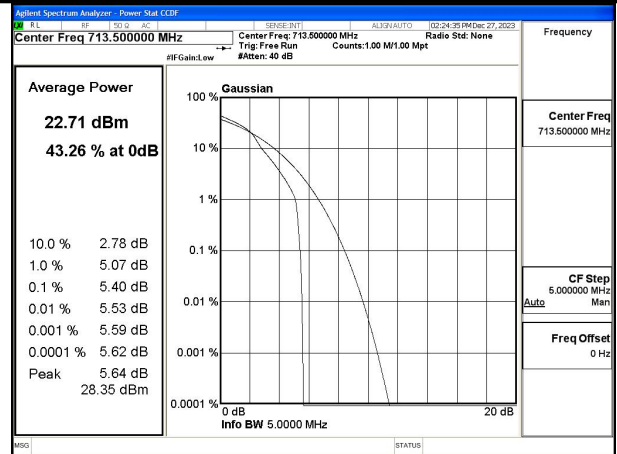


Fig.14

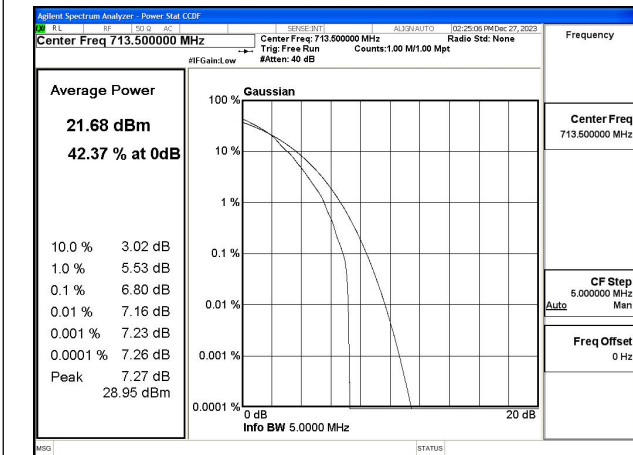


Fig.15

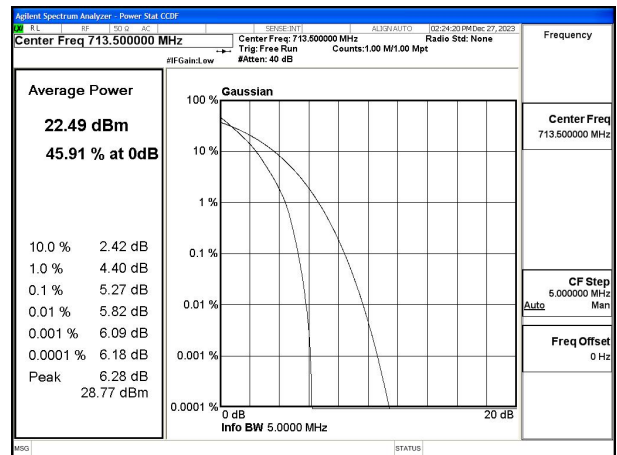


Fig.16

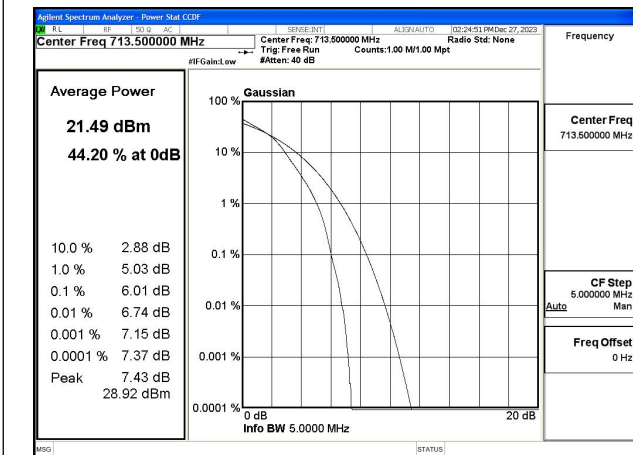


Fig.17

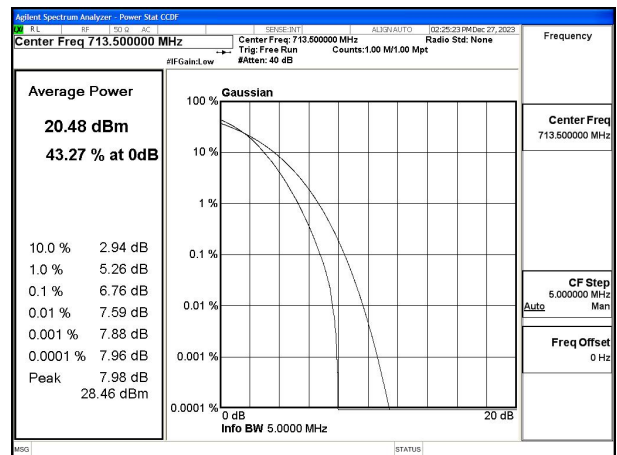


Fig.18

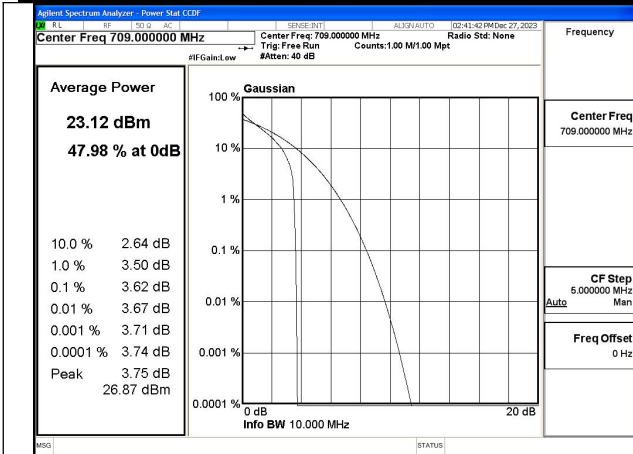


Fig.19

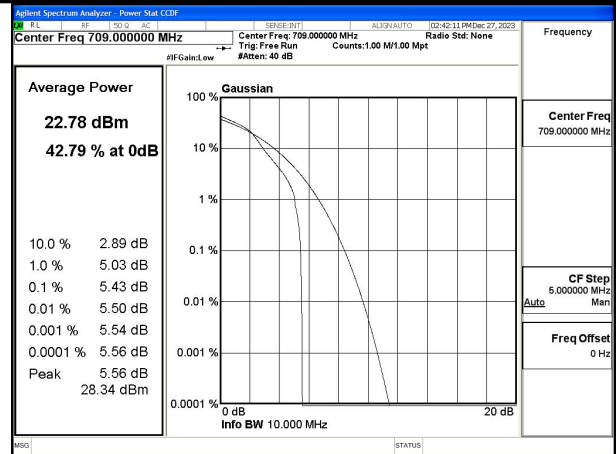


Fig.20

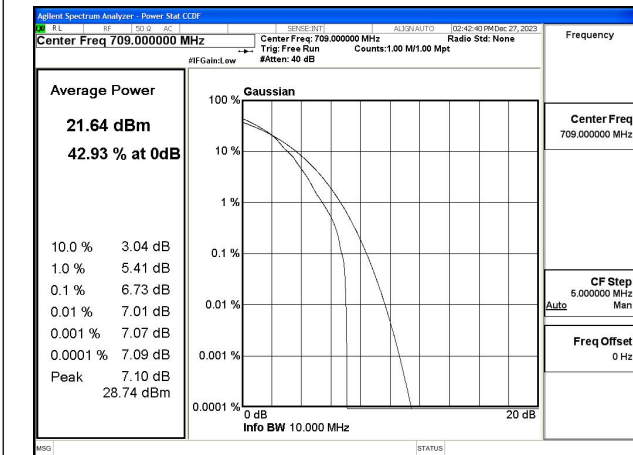


Fig.21

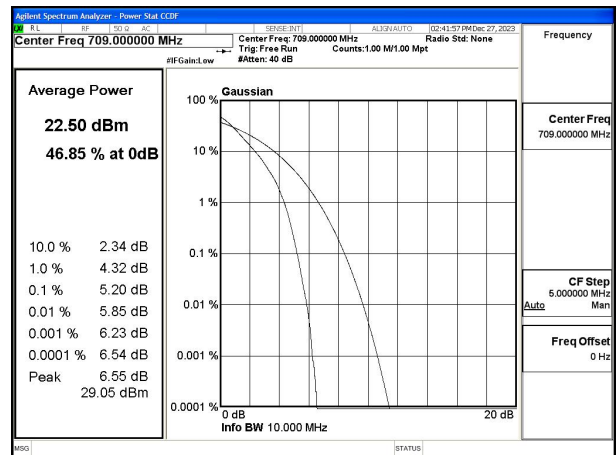


Fig.22

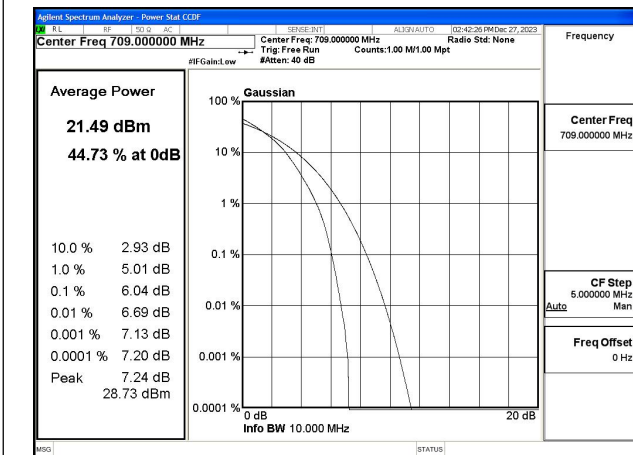


Fig.23

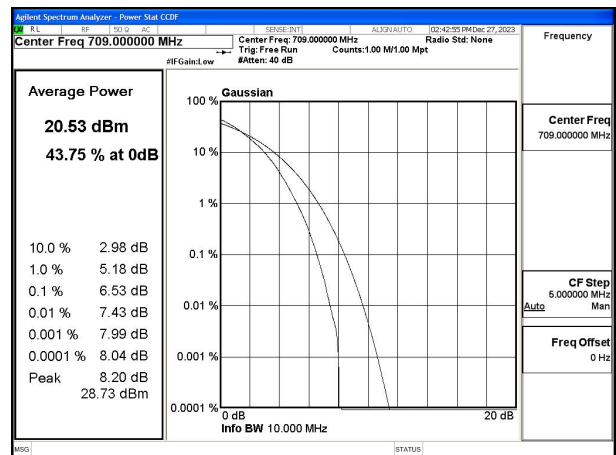


Fig.24

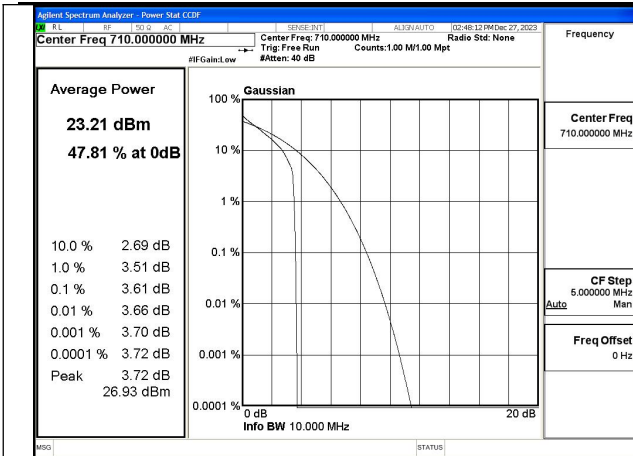


Fig.25

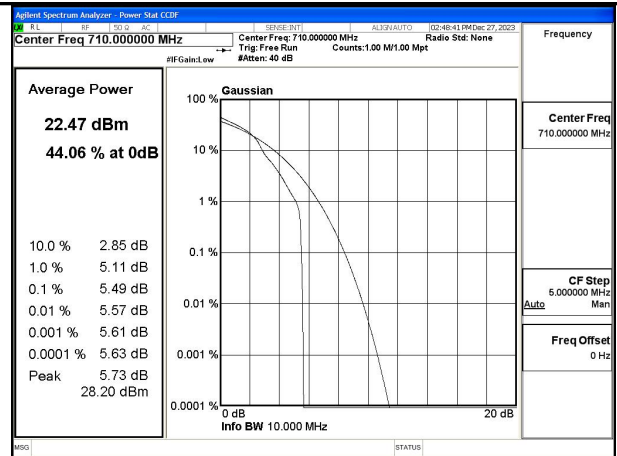


Fig.26

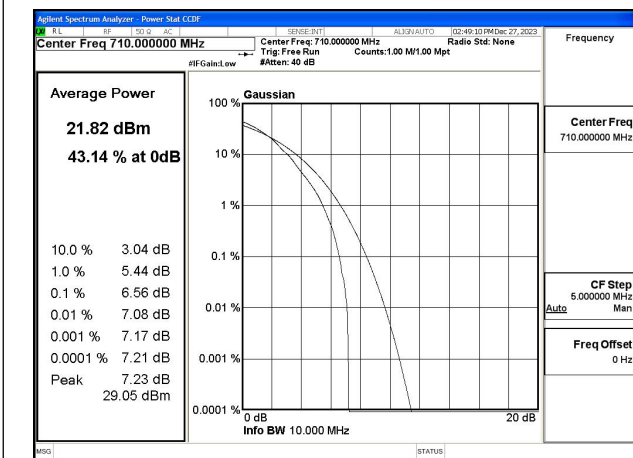


Fig.27

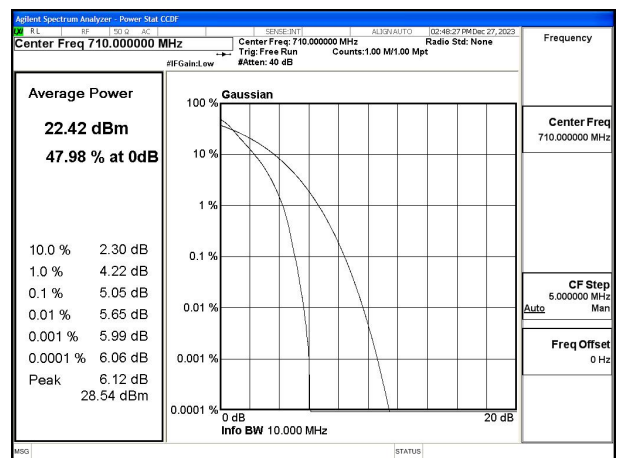


Fig.28

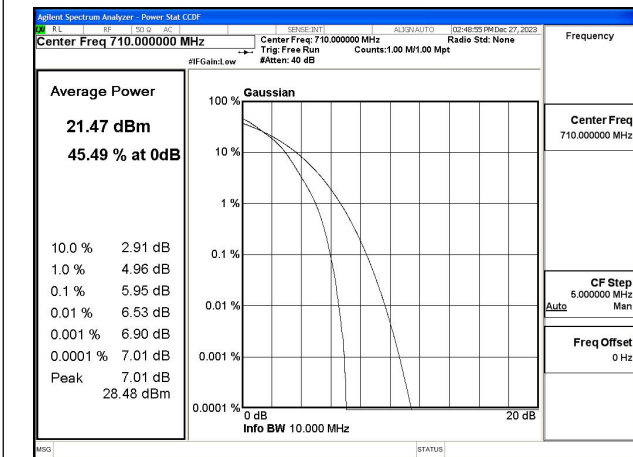


Fig.29

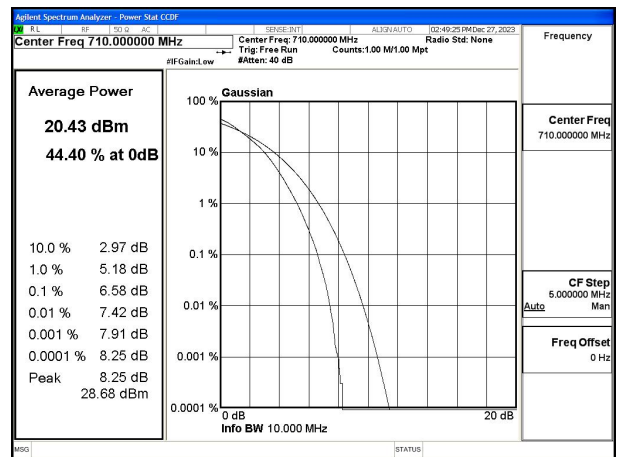


Fig.30

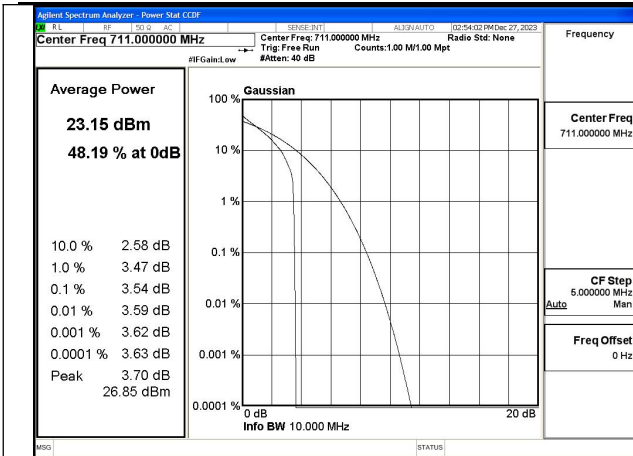


Fig.31

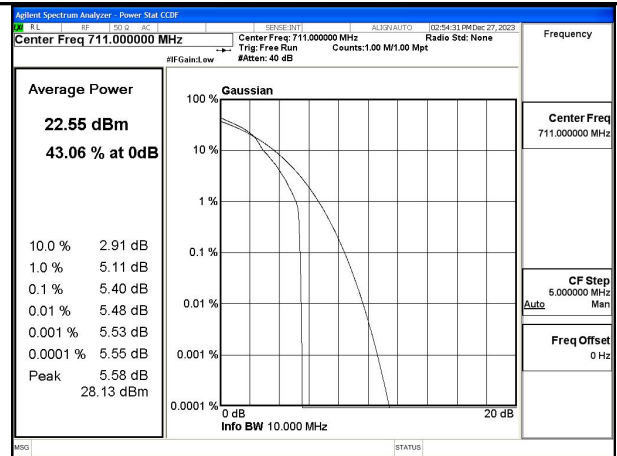


Fig.32

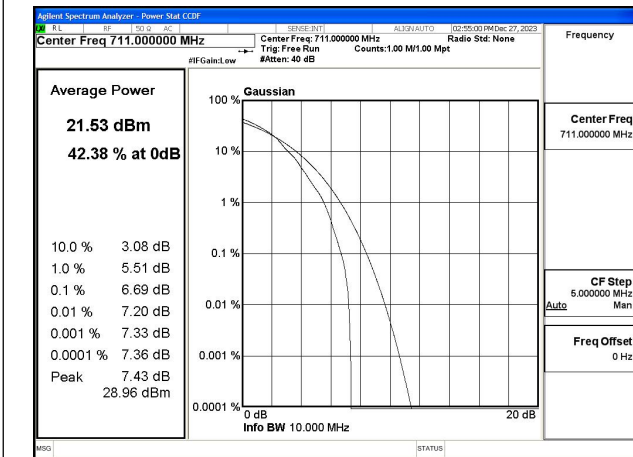


Fig.33

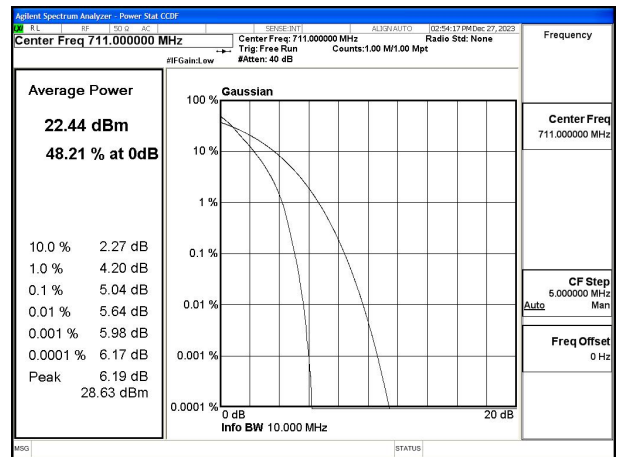


Fig.34

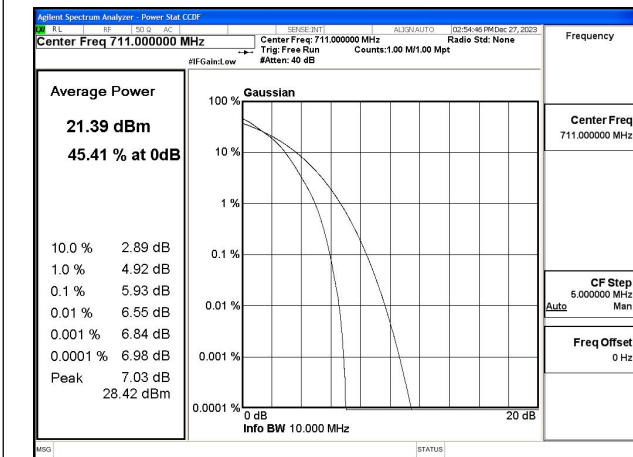


Fig.35

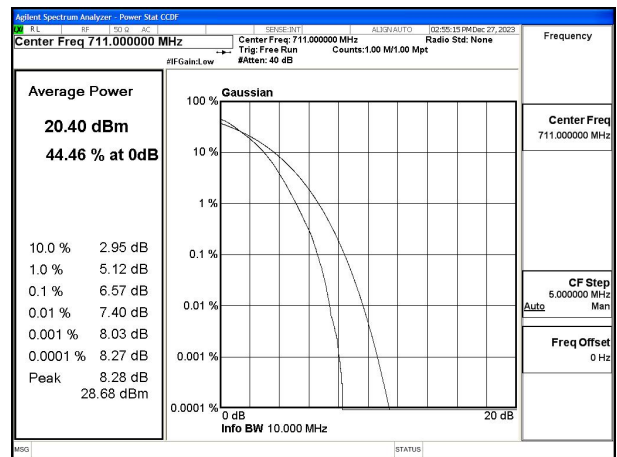


Fig.36

5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
17	709	23780	10	1	0	Fig.1
17	710	23790	10	1	0	Fig.2
17	711	23800	10	1	0	Fig.3

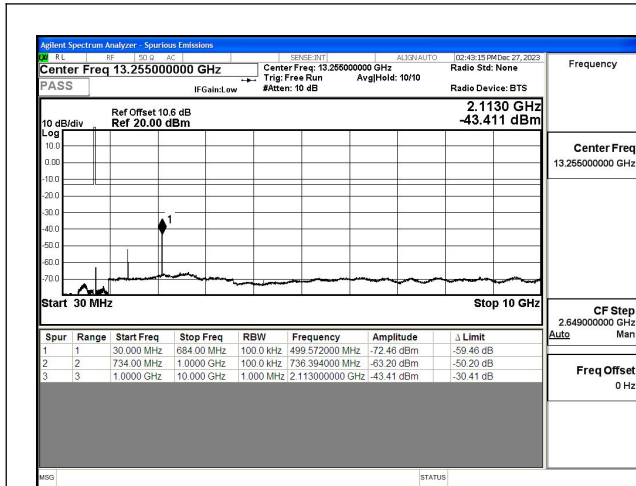


Fig.1

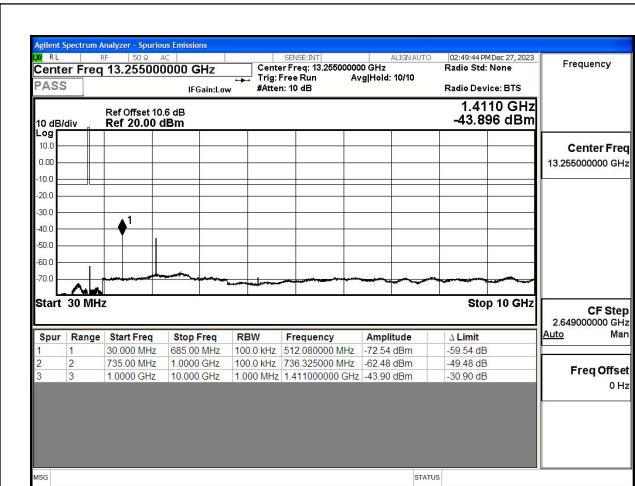


Fig.2

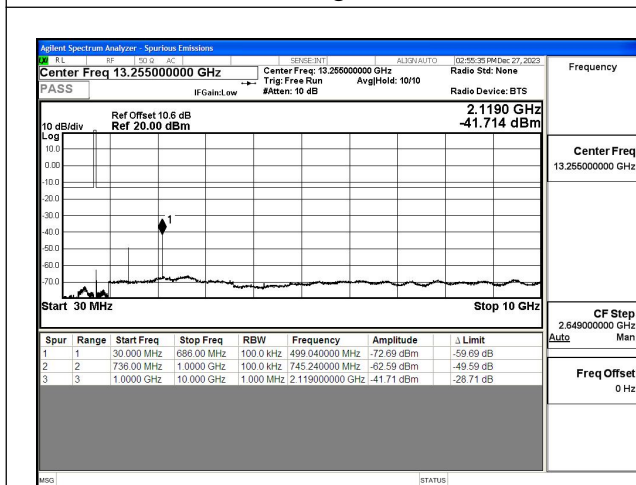
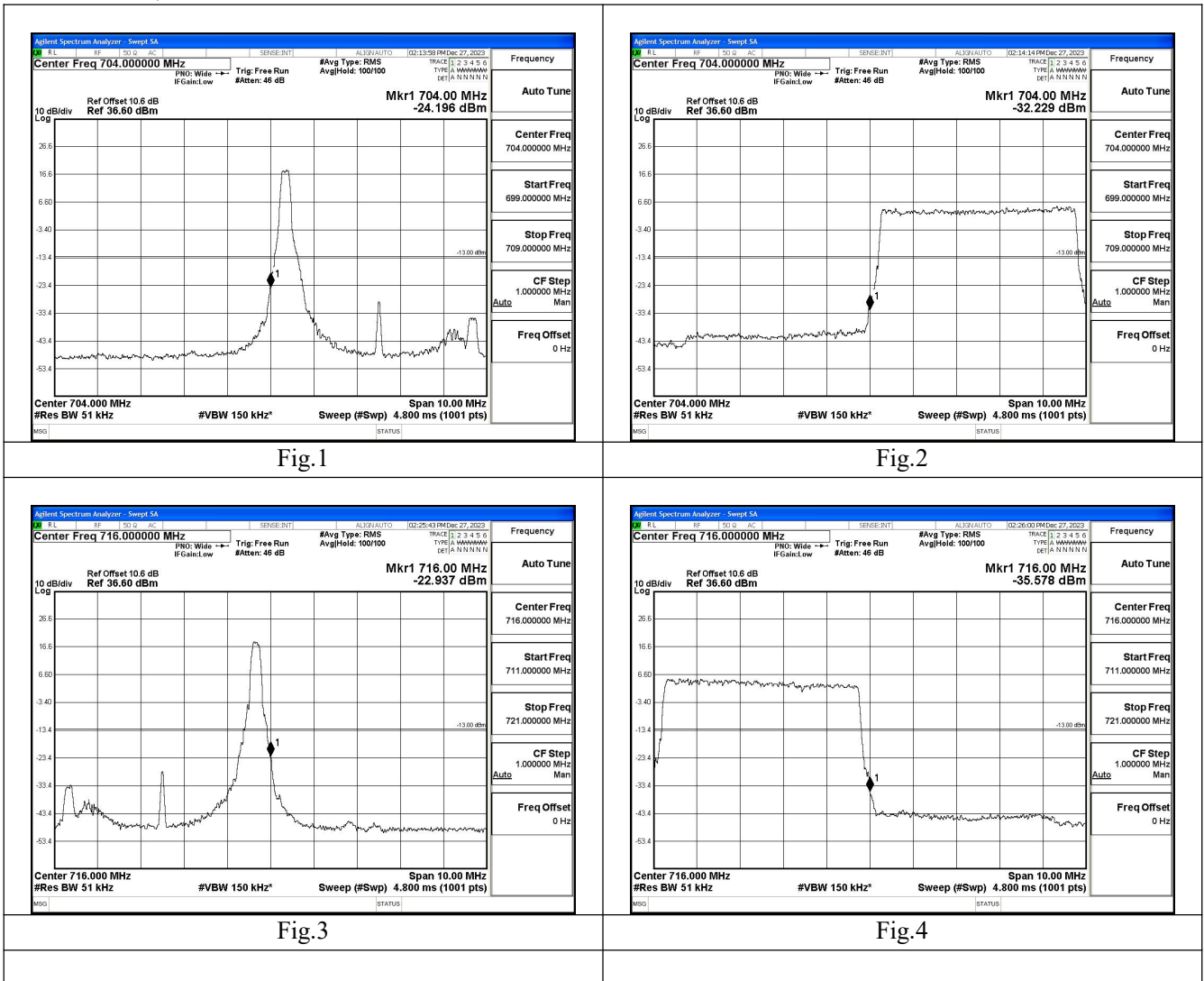


Fig.3

6 Band Edges Compliance

Band	Mode	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
17	QPSK	706.5	23755	5	1	0	Fig.1
17	QPSK	706.5	23755	5	25	0	Fig.2
17	QPSK	713.5	23825	5	1	24	Fig.3
17	QPSK	713.5	23825	5	25	0	Fig.4
17	QPSK	709	23780	10	1	0	Fig.5
17	QPSK	709	23780	10	50	0	Fig.6
17	QPSK	711	23800	10	1	49	Fig.7
17	QPSK	711	23800	10	50	0	Fig.8

Test Mode: QPSK



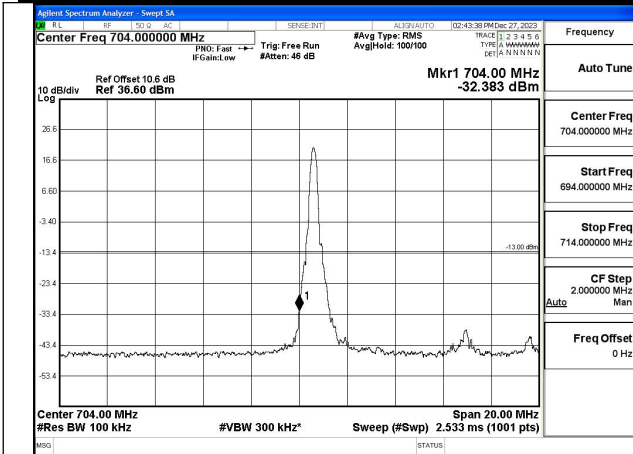


Fig.5

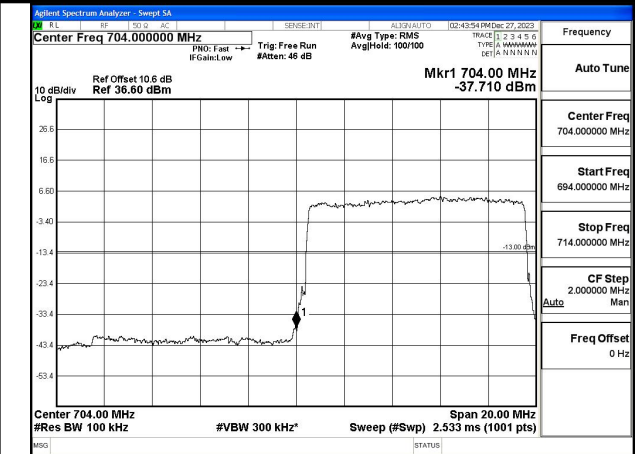


Fig.6

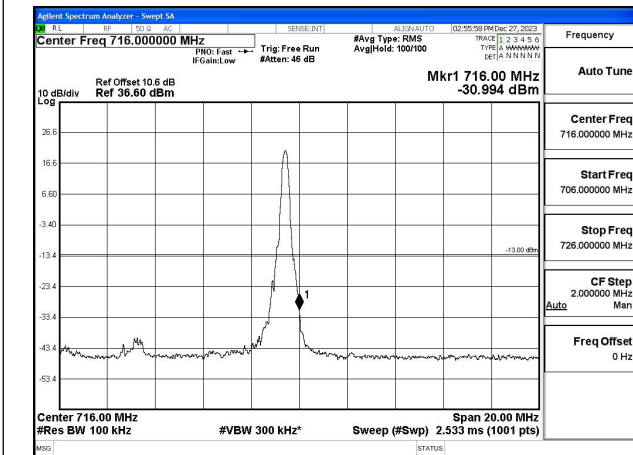


Fig.7

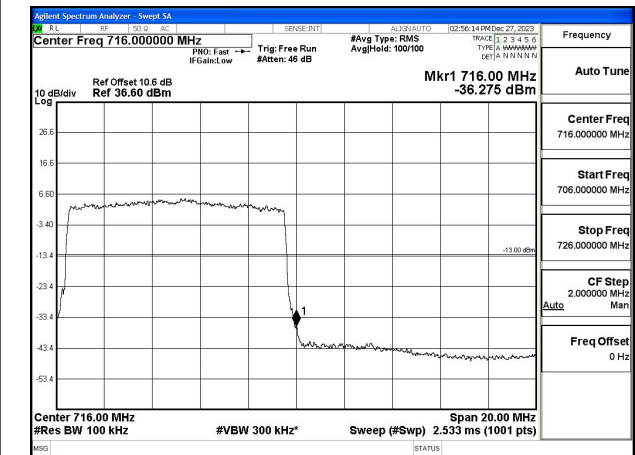


Fig.8

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band 17 Low Channel QPSK	
		5M	10M
-10	NV	0.005	-0.004
0	NV	0.004	0.004
+10	NV	0.003	-0.006
+20	NV	0.001	0.006
+30	NV	0.002	0.006
+40	NV	0.001	-0.004
+55	NV	0.003	0.007
+20	LV	0.003	0.005
+20	HV	0.002	-0.004

Temperature(°C)	Voltage	Test Result (ppm) Band 17 High Channel QPSK	
		5M	10M
-10	NV	0.002	-0.008
0	NV	0.004	0.005
+10	NV	0.003	-0.006
+20	NV	0.000	0.006
+30	NV	0.002	-0.006
+40	NV	0.001	-0.008
+55	NV	0.003	0.007
+20	LV	0.002	-0.007
+20	HV	0.003	-0.005

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	706.5	23755	5	1	0	23.48	17.33	0.054
QPSK	706.5	23755	5	1	12	23.30	17.15	0.052
QPSK	706.5	23755	5	1	24	23.32	17.17	0.052
QPSK	706.5	23755	5	12	0	22.81	16.66	0.046
QPSK	706.5	23755	5	12	7	22.81	16.66	0.046
QPSK	706.5	23755	5	12	13	22.72	16.57	0.045
QPSK	706.5	23755	5	25	0	22.75	16.60	0.046
QPSK	710	23790	5	1	0	23.51	17.36	0.054
QPSK	710	23790	5	1	12	23.54	17.39	0.055
QPSK	710	23790	5	1	24	23.49	17.34	0.054
QPSK	710	23790	5	12	0	22.76	16.61	0.046
QPSK	710	23790	5	12	7	22.72	16.57	0.045
QPSK	710	23790	5	12	13	22.70	16.55	0.045
QPSK	710	23790	5	25	0	22.64	16.49	0.045
QPSK	713.5	23825	5	1	0	23.58	17.43	0.055
QPSK	713.5	23825	5	1	12	23.32	17.17	0.052
QPSK	713.5	23825	5	1	24	23.29	17.14	0.052
QPSK	713.5	23825	5	12	0	22.74	16.59	0.046
QPSK	713.5	23825	5	12	7	22.78	16.63	0.046
QPSK	713.5	23825	5	12	13	22.67	16.52	0.045
QPSK	713.5	23825	5	25	0	22.74	16.59	0.046

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	706.5	23755	5	1	0	22.91	16.76	0.047
16QAM	706.5	23755	5	1	12	22.58	16.43	0.044
16QAM	706.5	23755	5	1	24	22.90	16.75	0.047
16QAM	706.5	23755	5	12	0	21.71	15.56	0.036
16QAM	706.5	23755	5	12	7	21.82	15.67	0.037
16QAM	706.5	23755	5	12	13	21.72	15.57	0.036
16QAM	706.5	23755	5	25	0	21.77	15.62	0.036
16QAM	710	23790	5	1	0	23.25	17.10	0.051
16QAM	710	23790	5	1	12	23.12	16.97	0.050
16QAM	710	23790	5	1	24	23.15	17.00	0.050
16QAM	710	23790	5	12	0	21.74	15.59	0.036
16QAM	710	23790	5	12	7	21.72	15.57	0.036
16QAM	710	23790	5	12	13	21.72	15.57	0.036
16QAM	710	23790	5	25	0	21.69	15.54	0.036
16QAM	713.5	23825	5	1	0	23.12	16.97	0.050
16QAM	713.5	23825	5	1	12	23.01	16.86	0.049
16QAM	713.5	23825	5	1	24	22.95	16.80	0.048
16QAM	713.5	23825	5	12	0	21.71	15.56	0.036
16QAM	713.5	23825	5	12	7	21.72	15.57	0.036
16QAM	713.5	23825	5	12	13	21.70	15.55	0.036
16QAM	713.5	23825	5	25	0	21.71	15.56	0.036
64QAM	706.5	23755	5	1	0	21.73	15.58	0.036
64QAM	706.5	23755	5	1	12	21.81	15.66	0.037
64QAM	706.5	23755	5	1	24	21.72	15.57	0.036
64QAM	706.5	23755	5	12	0	20.75	14.60	0.029
64QAM	706.5	23755	5	12	7	20.89	14.74	0.030
64QAM	706.5	23755	5	12	13	20.89	14.74	0.030
64QAM	706.5	23755	5	25	0	20.77	14.62	0.029
64QAM	710	23790	5	1	0	22.13	15.98	0.040
64QAM	710	23790	5	1	12	21.99	15.84	0.038
64QAM	710	23790	5	1	24	22.05	15.90	0.039
64QAM	710	23790	5	12	0	20.85	14.70	0.030
64QAM	710	23790	5	12	7	20.68	14.53	0.028
64QAM	710	23790	5	12	13	20.73	14.58	0.029
64QAM	710	23790	5	25	0	20.78	14.63	0.029
64QAM	713.5	23825	5	1	0	22.01	15.86	0.039
64QAM	713.5	23825	5	1	12	21.89	15.74	0.037
64QAM	713.5	23825	5	1	24	21.93	15.78	0.038
64QAM	713.5	23825	5	12	0	20.85	14.70	0.030
64QAM	713.5	23825	5	12	7	20.75	14.60	0.029
64QAM	713.5	23825	5	12	13	20.70	14.55	0.029
64QAM	713.5	23825	5	25	0	20.68	14.53	0.028

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	709	23780	10	1	0	22.88	20.73	0.118
QPSK	709	23780	10	1	25	22.79	20.64	0.116
QPSK	709	23780	10	1	49	22.87	20.72	0.118
QPSK	709	23780	10	25	0	22.19	20.04	0.101
QPSK	709	23780	10	25	12	22.09	19.94	0.099
QPSK	709	23780	10	25	25	22.11	19.96	0.099
QPSK	709	23780	10	50	0	22.13	19.98	0.100
QPSK	710	23790	10	1	0	23.51	17.36	0.054
QPSK	710	23790	10	1	25	23.34	17.19	0.052
QPSK	710	23790	10	1	49	23.51	17.36	0.054
QPSK	710	23790	10	25	0	22.73	16.58	0.045
QPSK	710	23790	10	25	12	22.70	16.55	0.045
QPSK	710	23790	10	25	25	22.73	16.58	0.045
QPSK	710	23790	10	50	0	22.78	16.63	0.046
QPSK	711	23800	10	1	0	23.44	17.29	0.054
QPSK	711	23800	10	1	25	23.46	17.31	0.054
QPSK	711	23800	10	1	49	23.52	17.37	0.055
QPSK	711	23800	10	25	0	22.65	16.50	0.045
QPSK	711	23800	10	25	12	22.71	16.56	0.045
QPSK	711	23800	10	25	25	22.86	16.71	0.047
QPSK	711	23800	10	50	0	22.59	16.44	0.044

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	709	23780	10	1	0	22.88	20.73	0.118
16QAM	709	23780	10	1	25	23.16	21.01	0.126
16QAM	709	23780	10	1	49	23.00	20.85	0.122
16QAM	709	23780	10	25	0	21.23	19.08	0.081
16QAM	709	23780	10	25	12	21.27	19.12	0.082
16QAM	709	23780	10	25	25	21.15	19.00	0.079
16QAM	709	23780	10	50	0	21.13	18.98	0.079
16QAM	710	23790	10	1	0	22.93	16.78	0.048
16QAM	710	23790	10	1	25	22.83	16.68	0.047
16QAM	710	23790	10	1	49	22.84	16.69	0.047
16QAM	710	23790	10	25	0	21.79	15.64	0.037
16QAM	710	23790	10	25	12	21.80	15.65	0.037
16QAM	710	23790	10	25	25	21.76	15.61	0.036
16QAM	710	23790	10	50	0	21.85	15.70	0.037
16QAM	711	23800	10	1	0	22.99	16.84	0.048
16QAM	711	23800	10	1	25	22.94	16.79	0.048
16QAM	711	23800	10	1	49	22.91	16.76	0.047
16QAM	711	23800	10	25	0	21.80	15.65	0.037
16QAM	711	23800	10	25	12	21.79	15.64	0.037
16QAM	711	23800	10	25	25	21.64	15.49	0.035
16QAM	711	23800	10	50	0	21.72	15.57	0.036
64QAM	709	23780	10	1	0	22.18	16.03	0.040
64QAM	709	23780	10	1	25	22.15	16.00	0.040
64QAM	709	23780	10	1	49	22.17	16.02	0.040
64QAM	709	23780	10	25	0	20.88	14.73	0.030
64QAM	709	23780	10	25	12	20.96	14.81	0.030
64QAM	709	23780	10	25	25	20.87	14.72	0.030
64QAM	709	23780	10	50	0	20.92	14.77	0.030
64QAM	710	23790	10	1	0	22.01	15.86	0.039
64QAM	710	23790	10	1	25	22.04	15.89	0.039
64QAM	710	23790	10	1	49	21.84	15.69	0.037
64QAM	710	23790	10	25	0	20.80	14.65	0.029
64QAM	710	23790	10	25	12	20.79	14.64	0.029
64QAM	710	23790	10	25	25	20.84	14.69	0.029
64QAM	710	23790	10	50	0	20.73	14.58	0.029
64QAM	711	23800	10	1	0	22.03	15.88	0.039
64QAM	711	23800	10	1	25	21.93	15.78	0.038
64QAM	711	23800	10	1	49	21.81	15.66	0.037
64QAM	711	23800	10	25	0	20.88	14.73	0.030
64QAM	711	23800	10	25	12	20.90	14.75	0.030
64QAM	711	23800	10	25	25	21.10	14.95	0.031
64QAM	711	23800	10	50	0	20.80	14.65	0.029