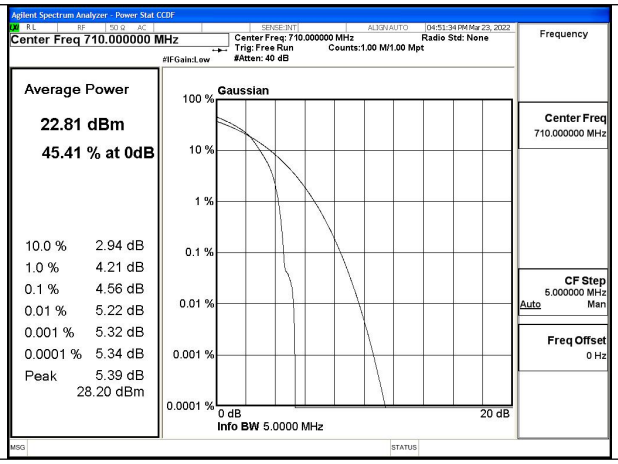

Fig.7

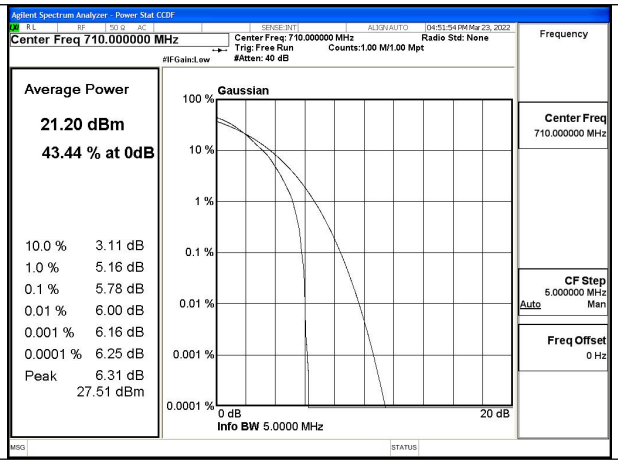

Fig.8

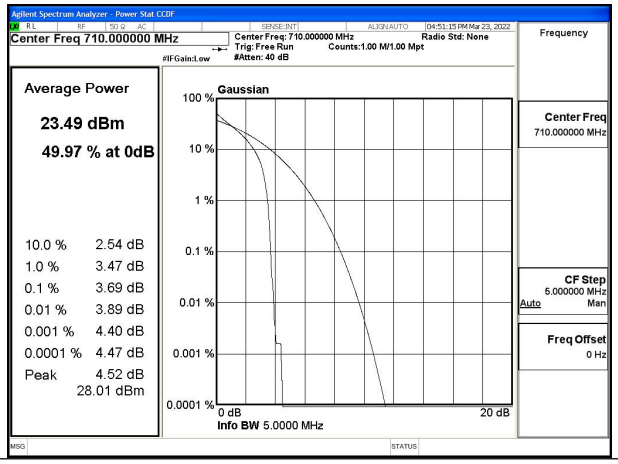

Fig.9

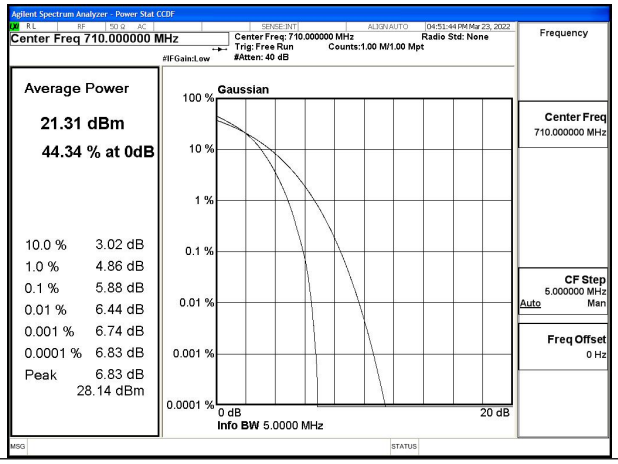

Fig.10

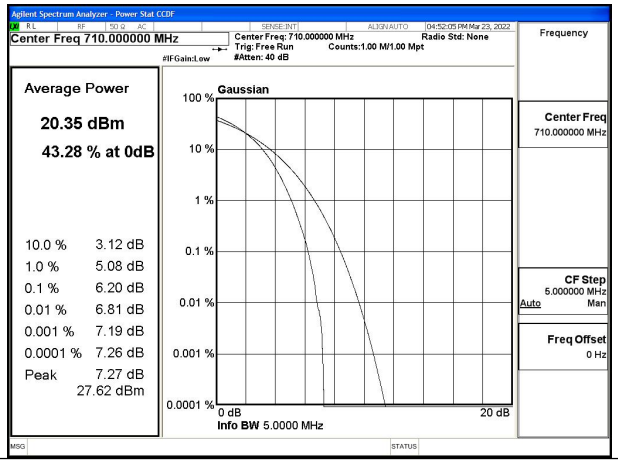

Fig.11

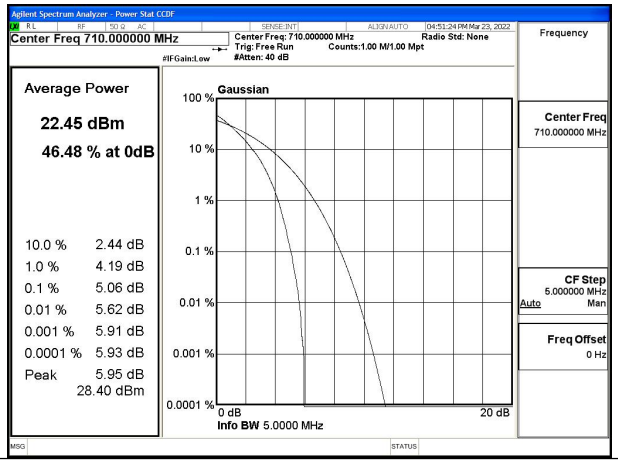

Fig.12

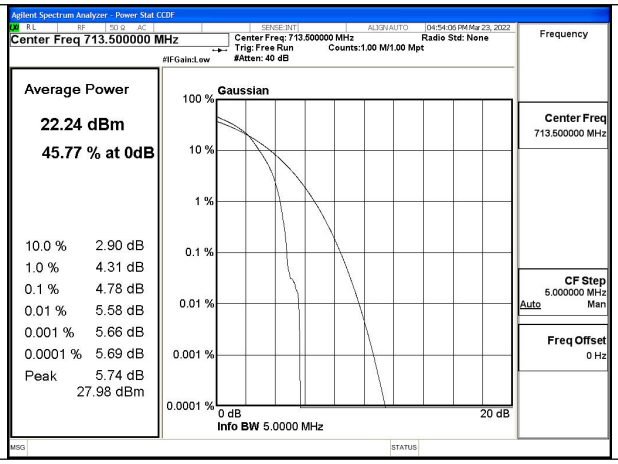

Fig.13

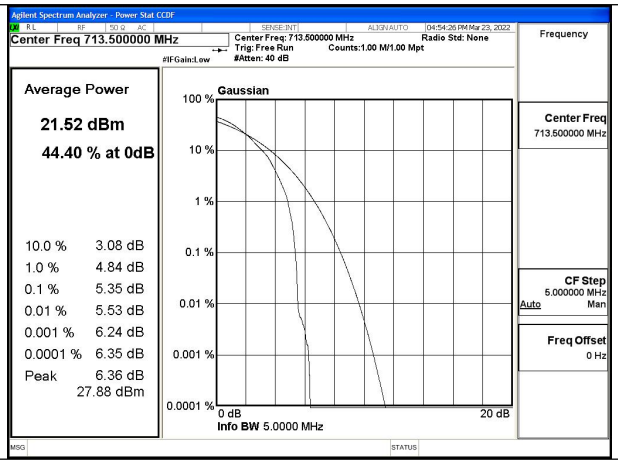

Fig.14

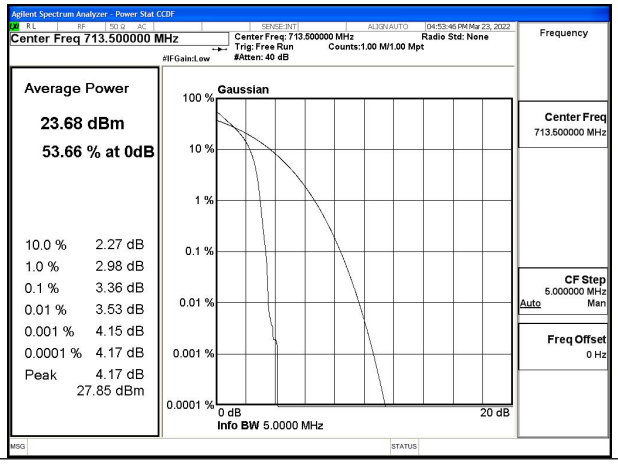

Fig.15

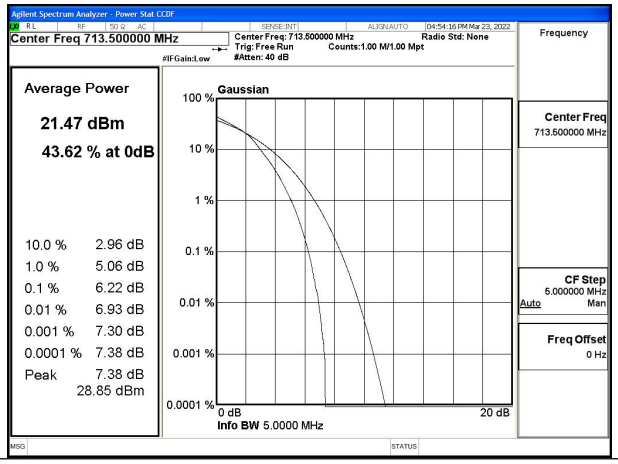

Fig.16

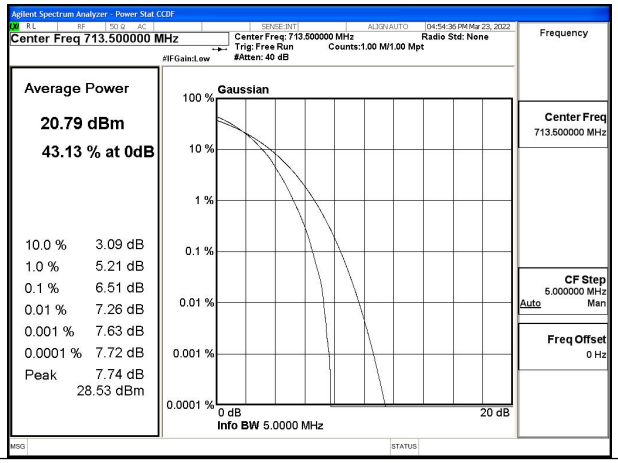

Fig.17

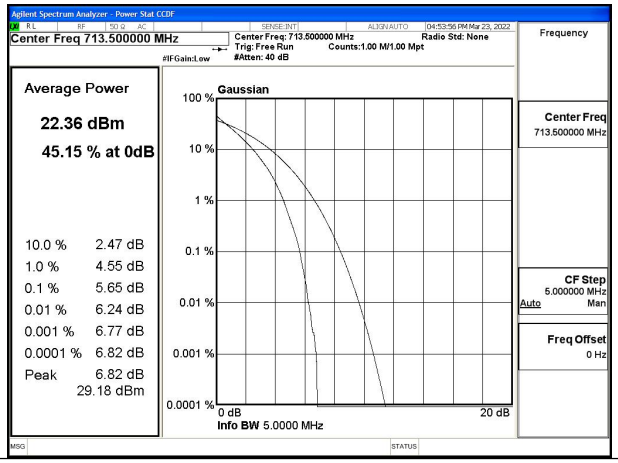

Fig.18

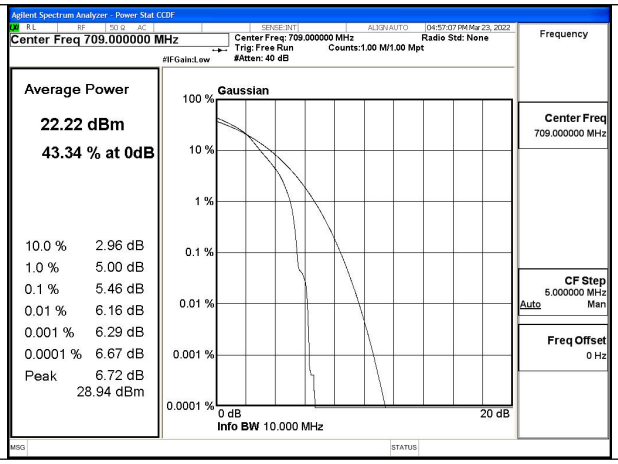

Fig.19

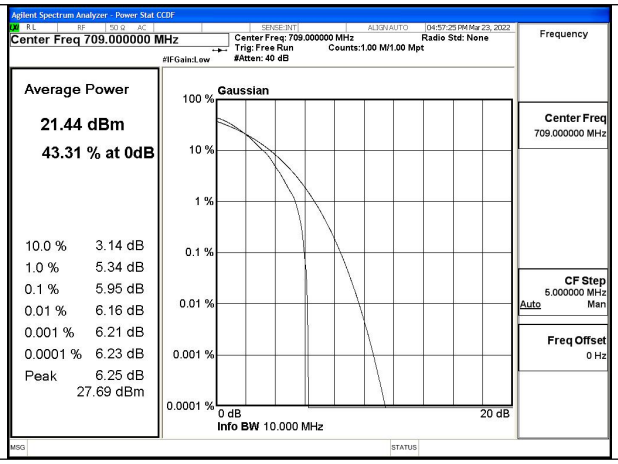

Fig.20

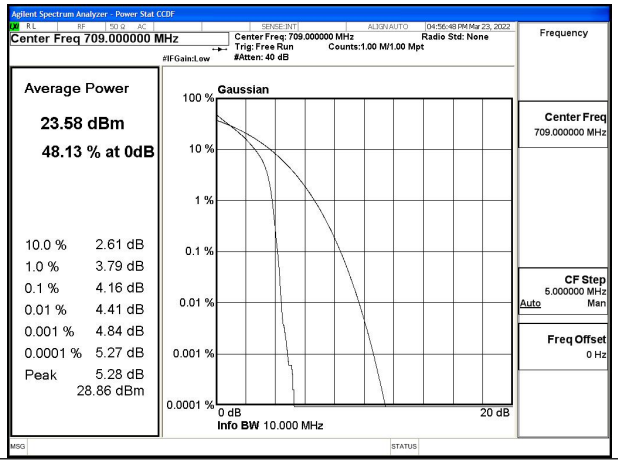

Fig.21

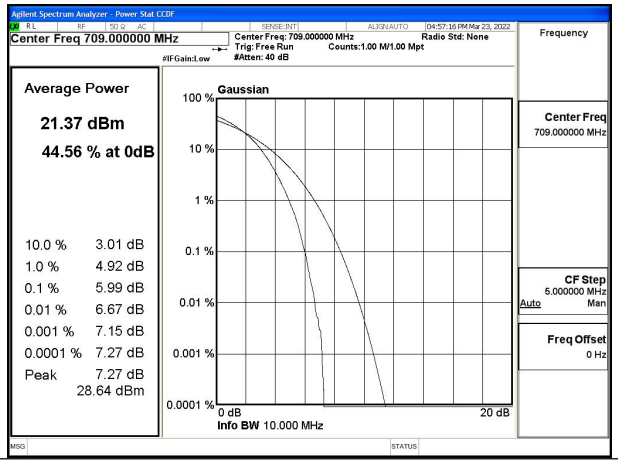

Fig.22

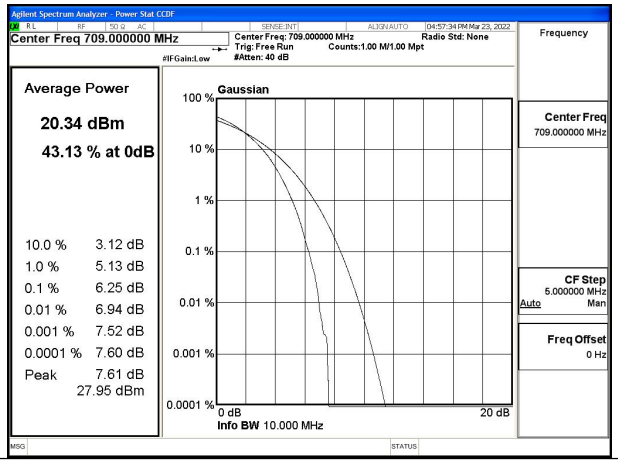

Fig.23

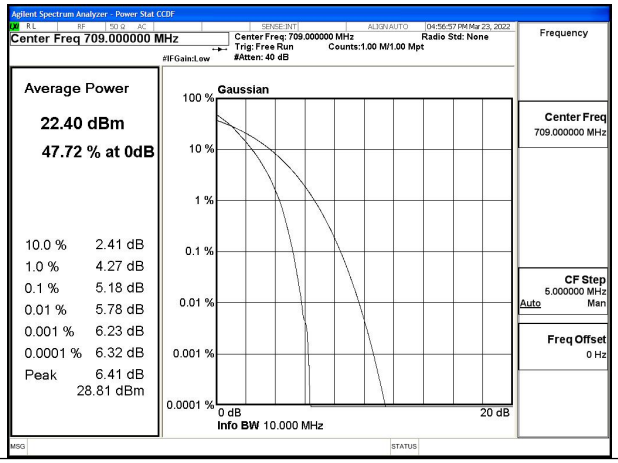

Fig.24

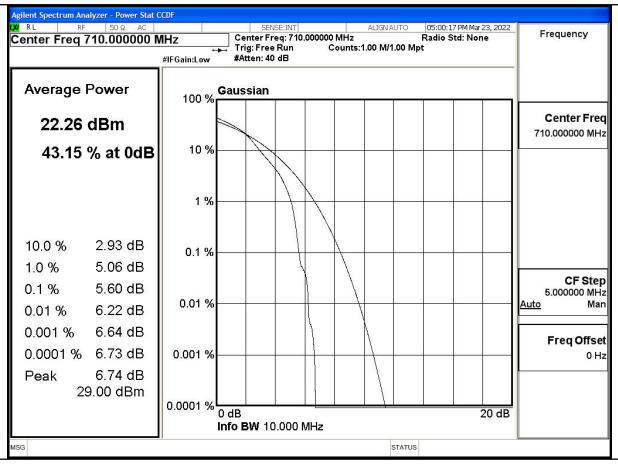

Fig.25

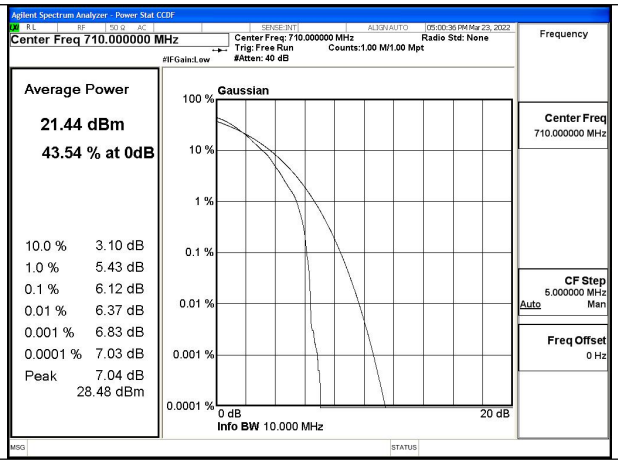

Fig.26

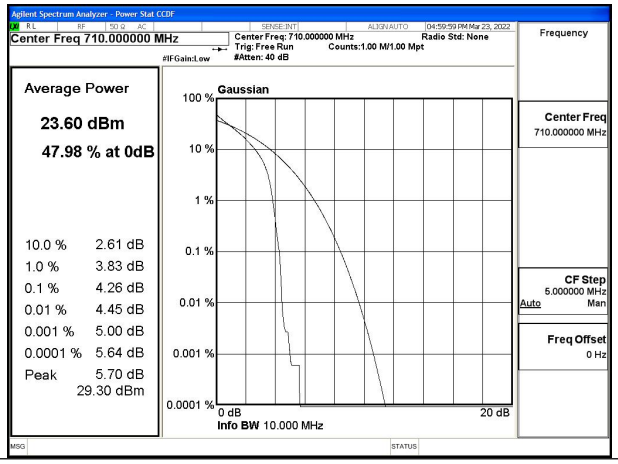

Fig.27

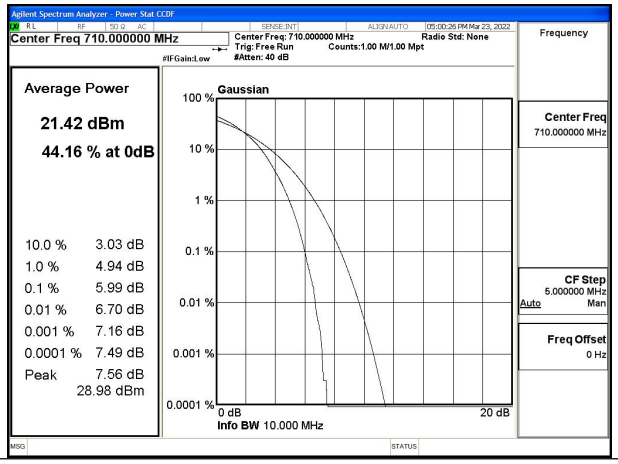

Fig.28

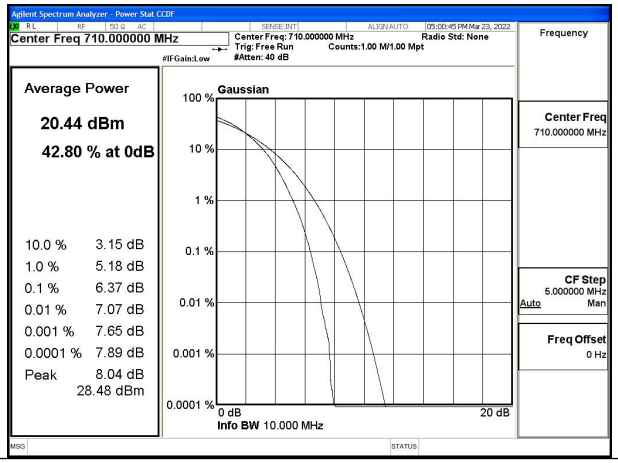

Fig.29

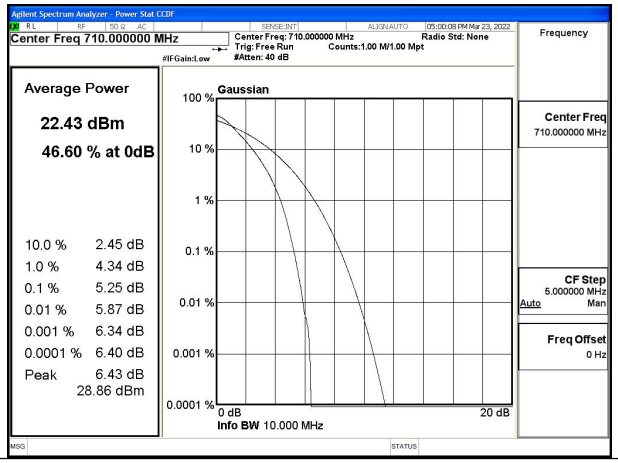

Fig.30

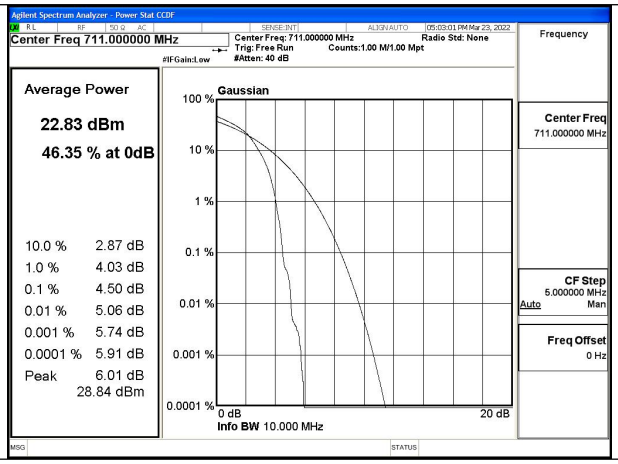

Fig.31

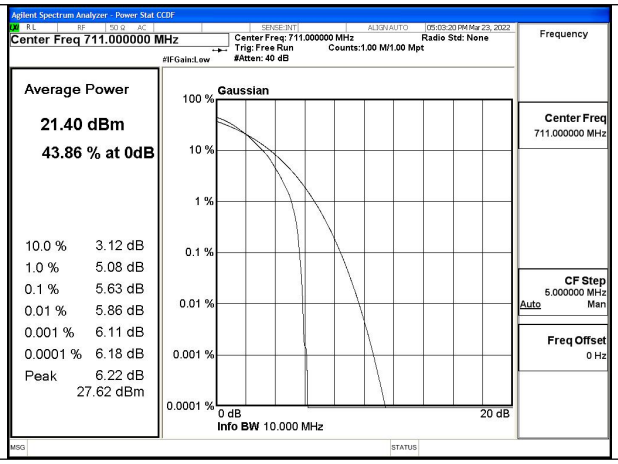

Fig.32

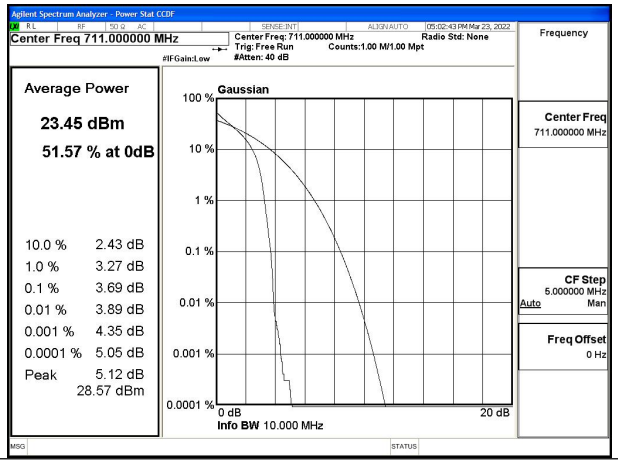

Fig.33

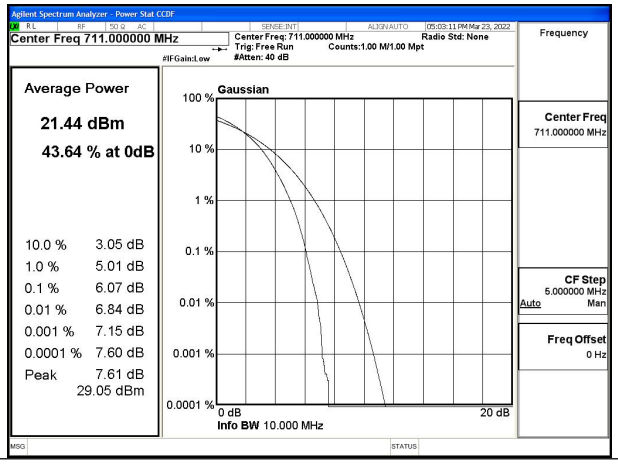

Fig.34

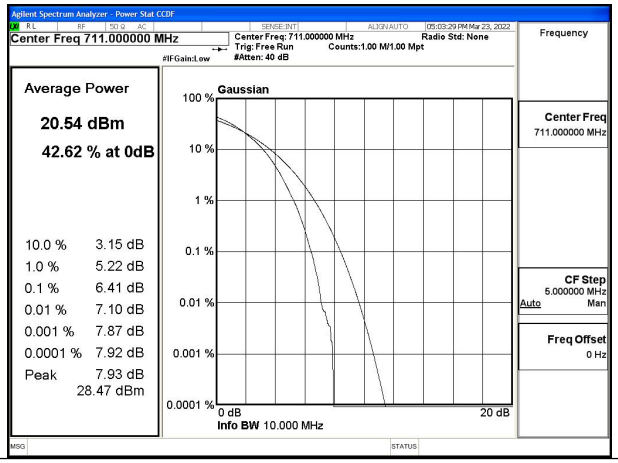

Fig.35

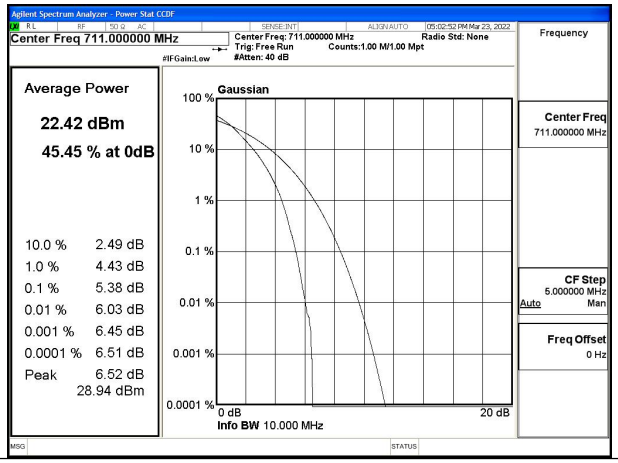

Fig.36

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

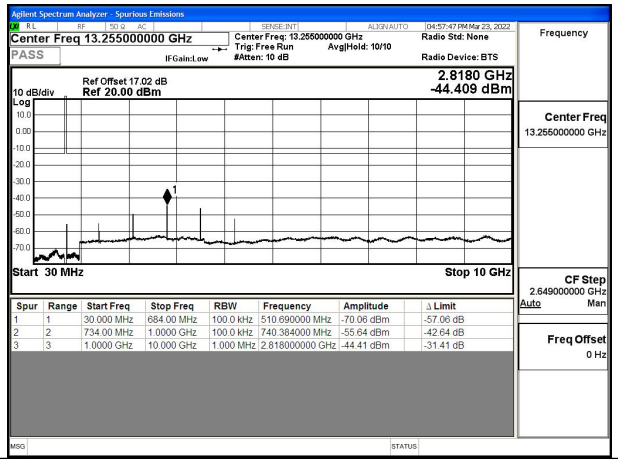

Fig.1

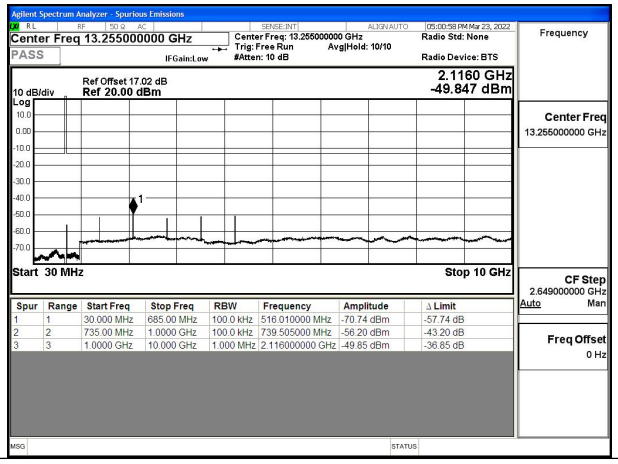

Fig.2

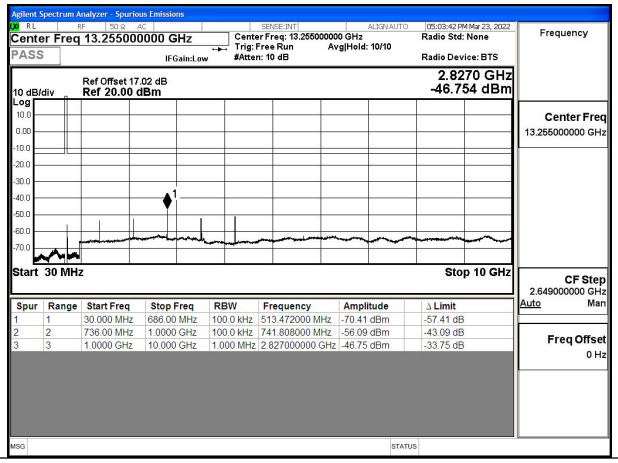

Fig.3

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

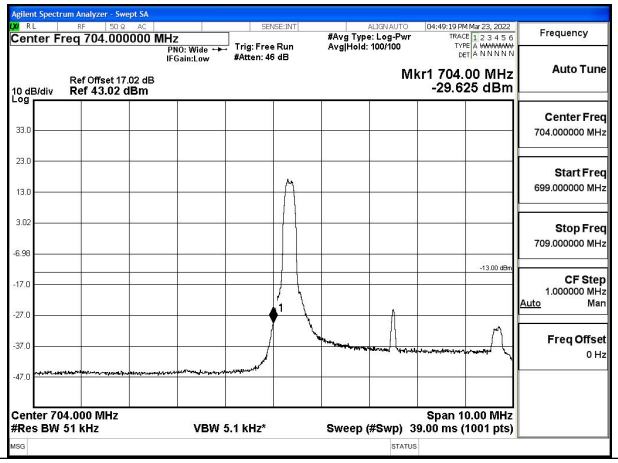

Fig.1

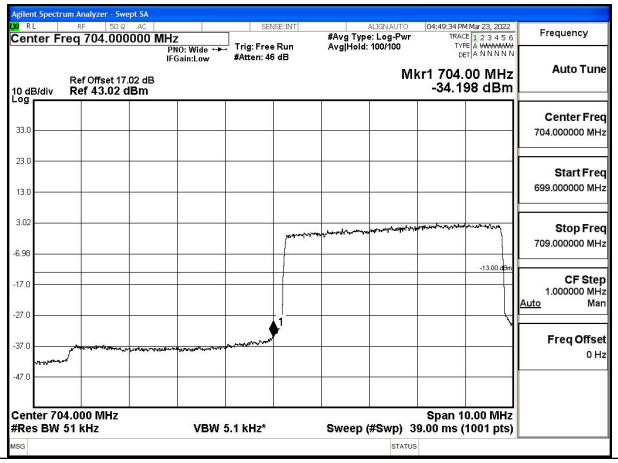

Fig.2

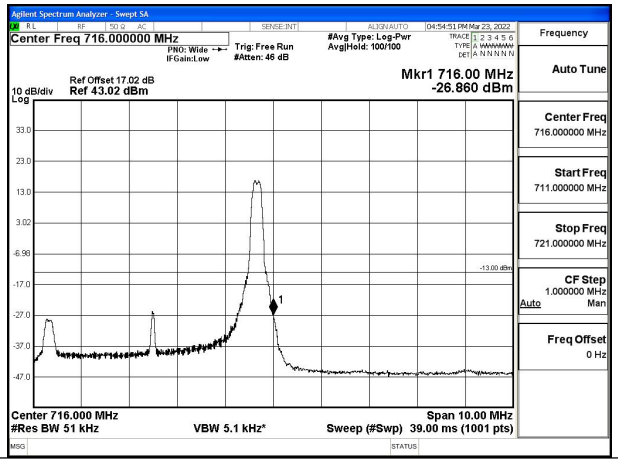

Fig.3

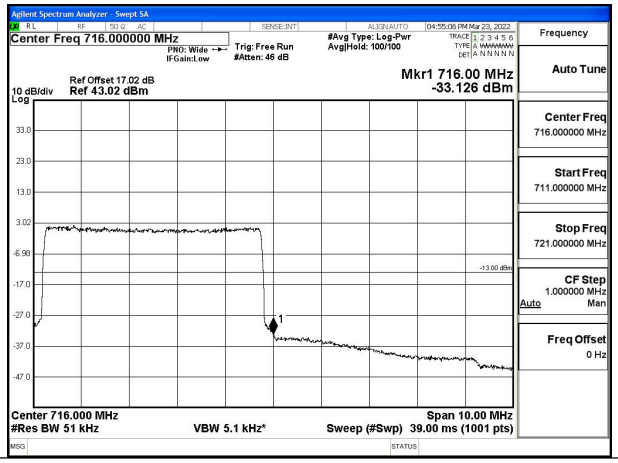

Fig.4

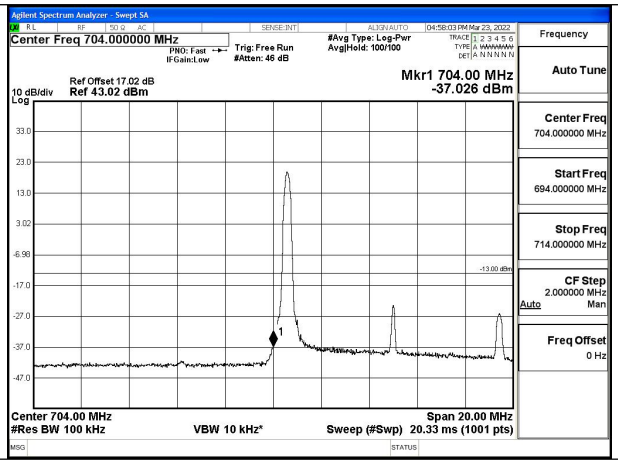

Fig.5

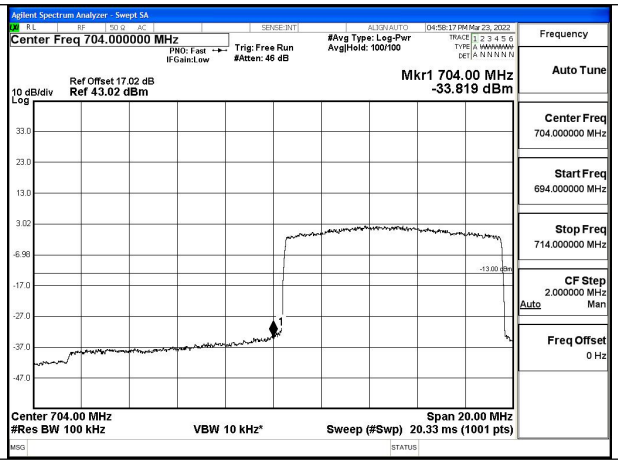

Fig.6

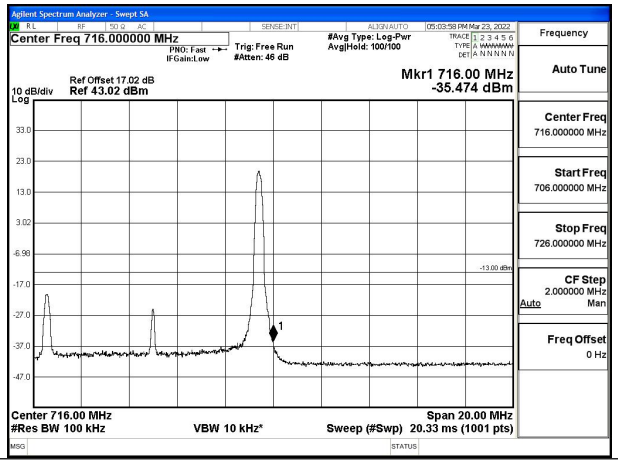

Fig.7

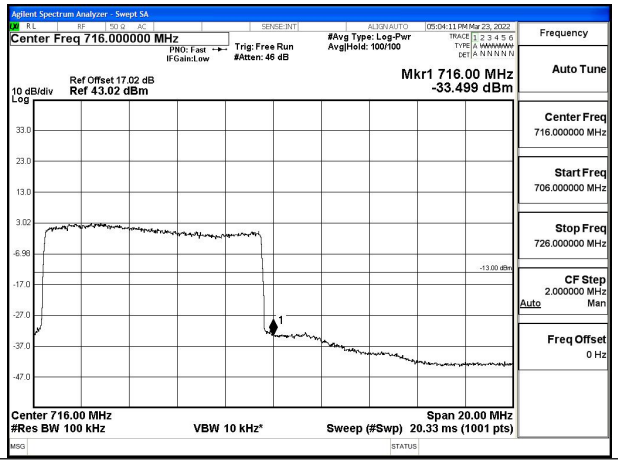

Fig.8

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band 17 Low Channel QPSK	
		5M	10M
-10	NV	0.038	0.024
0	NV	-0.057	-0.040
+10	NV	-0.069	-0.059
+30	NV	-0.012	-0.031
+40	NV	-0.021	-0.038
+55	NV	-0.025	0.007
+20	LV	-0.038	-0.032
+20	HV	-0.021	-0.056

Temperature(°C)	Voltage	Test Result (ppm) Band 17 High Channel QPSK	
		5M	10M
-10	NV	0.074	0.026
0	NV	-0.043	-0.045
+10	NV	-0.027	-0.015
+20	NV	-0.025	-0.060
+30	NV	-0.052	-0.067
+40	NV	-0.035	-0.060
+55	NV	0.017	0.044
+20	LV	-0.068	-0.051
+20	HV	-0.056	-0.044

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	23.82	17.97	0.063
QPSK	706.5	23755	5	1	12	23.34	17.49	0.056
QPSK	706.5	23755	5	1	24	23.43	17.58	0.057
QPSK	706.5	23755	5	12	0	22.67	16.82	0.048
QPSK	706.5	23755	5	12	7	22.63	16.78	0.048
QPSK	706.5	23755	5	12	13	22.86	17.01	0.050
QPSK	706.5	23755	5	25	0	22.67	16.82	0.048
QPSK	710	23790	5	1	0	23.86	18.01	0.063
QPSK	710	23790	5	1	12	23.71	17.86	0.061
QPSK	710	23790	5	1	24	23.72	17.87	0.061
QPSK	710	23790	5	12	0	22.53	16.68	0.047
QPSK	710	23790	5	12	7	22.59	16.74	0.047
QPSK	710	23790	5	12	13	22.78	16.93	0.049
QPSK	710	23790	5	25	0	22.79	16.94	0.049
QPSK	713.5	23825	5	1	0	24.01	18.16	0.065
QPSK	713.5	23825	5	1	12	24.02	18.17	0.066
QPSK	713.5	23825	5	1	24	23.92	18.07	0.064
QPSK	713.5	23825	5	12	0	22.75	16.90	0.049
QPSK	713.5	23825	5	12	7	22.66	16.81	0.048
QPSK	713.5	23825	5	12	13	22.58	16.73	0.047
QPSK	713.5	23825	5	25	0	22.61	16.76	0.047

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	22.52	16.67	0.046
16QAM	706.5	23755	5	1	12	22.65	16.80	0.048
16QAM	706.5	23755	5	1	24	22.91	17.06	0.051
16QAM	706.5	23755	5	12	0	21.81	15.96	0.039
16QAM	706.5	23755	5	12	7	21.74	15.89	0.039
16QAM	706.5	23755	5	12	13	21.63	15.78	0.038
16QAM	706.5	23755	5	25	0	21.92	16.07	0.040
16QAM	710	23790	5	1	0	22.88	17.03	0.050
16QAM	710	23790	5	1	12	23.29	17.44	0.055
16QAM	710	23790	5	1	24	23.27	17.42	0.055
16QAM	710	23790	5	12	0	21.64	15.79	0.038
16QAM	710	23790	5	12	7	21.58	15.73	0.037
16QAM	710	23790	5	12	13	21.63	15.78	0.038
16QAM	710	23790	5	25	0	21.55	15.70	0.037
16QAM	713.5	23825	5	1	0	22.83	16.98	0.050
16QAM	713.5	23825	5	1	12	22.24	16.39	0.044
16QAM	713.5	23825	5	1	24	22.18	16.33	0.043
16QAM	713.5	23825	5	12	0	21.50	15.65	0.037
16QAM	713.5	23825	5	12	7	21.67	15.82	0.038
16QAM	713.5	23825	5	12	13	21.62	15.77	0.038
16QAM	713.5	23825	5	25	0	21.64	15.79	0.038
64QAM	706.5	23755	5	1	0	21.94	16.09	0.041
64QAM	706.5	23755	5	1	12	22.56	16.71	0.047
64QAM	706.5	23755	5	1	24	21.87	16.02	0.040
64QAM	706.5	23755	5	12	0	20.49	14.64	0.029
64QAM	706.5	23755	5	12	7	20.53	14.68	0.029
64QAM	706.5	23755	5	12	13	20.51	14.66	0.029
64QAM	706.5	23755	5	25	0	20.60	14.75	0.030
64QAM	710	23790	5	1	0	21.44	15.59	0.036
64QAM	710	23790	5	1	12	21.41	15.56	0.036
64QAM	710	23790	5	1	24	21.53	15.68	0.037
64QAM	710	23790	5	12	0	20.51	14.66	0.029
64QAM	710	23790	5	12	7	20.51	14.66	0.029
64QAM	710	23790	5	12	13	20.40	14.55	0.029
64QAM	710	23790	5	25	0	20.57	14.72	0.030
64QAM	713.5	23825	5	1	0	21.47	15.62	0.036
64QAM	713.5	23825	5	1	12	21.57	15.72	0.037
64QAM	713.5	23825	5	1	24	21.71	15.86	0.039
64QAM	713.5	23825	5	12	0	20.40	14.55	0.029
64QAM	713.5	23825	5	12	7	20.90	15.05	0.032
64QAM	713.5	23825	5	12	13	21.15	15.30	0.034
64QAM	713.5	23825	5	25	0	21.04	15.19	0.033

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	23.68	17.83	0.061
QPSK	709	23780	10	1	25	23.77	17.92	0.062
QPSK	709	23780	10	1	49	23.83	17.98	0.063
QPSK	709	23780	10	25	0	22.78	16.93	0.049
QPSK	709	23780	10	25	12	22.60	16.75	0.047
QPSK	709	23780	10	25	25	22.61	16.76	0.047
QPSK	709	23780	10	50	0	22.47	16.62	0.046
QPSK	710	23790	10	1	0	23.88	18.03	0.064
QPSK	710	23790	10	1	25	23.88	18.03	0.064
QPSK	710	23790	10	1	49	23.79	17.94	0.062
QPSK	710	23790	10	25	0	22.60	16.75	0.047
QPSK	710	23790	10	25	12	22.58	16.73	0.047
QPSK	710	23790	10	25	25	22.65	16.80	0.048
QPSK	710	23790	10	50	0	22.64	16.79	0.048
QPSK	711	23800	10	1	0	23.68	17.83	0.061
QPSK	711	23800	10	1	25	23.77	17.92	0.062
QPSK	711	23800	10	1	49	23.53	17.68	0.059
QPSK	711	23800	10	25	0	22.62	16.77	0.048
QPSK	711	23800	10	25	12	22.75	16.90	0.049
QPSK	711	23800	10	25	25	22.54	16.69	0.047
QPSK	711	23800	10	50	0	22.60	16.75	0.047

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	22.34	16.49	0.045
16QAM	709	23780	10	1	25	22.86	17.01	0.050
16QAM	709	23780	10	1	49	21.69	15.84	0.038
16QAM	709	23780	10	25	0	21.84	15.99	0.040
16QAM	709	23780	10	25	12	21.84	15.99	0.040
16QAM	709	23780	10	25	25	21.71	15.86	0.039
16QAM	709	23780	10	50	0	21.71	15.86	0.039
16QAM	710	23790	10	1	0	22.13	16.28	0.042
16QAM	710	23790	10	1	25	22.86	17.01	0.050
16QAM	710	23790	10	1	49	22.43	16.58	0.045
16QAM	710	23790	10	25	0	21.67	15.82	0.038
16QAM	710	23790	10	25	12	21.85	16.00	0.040
16QAM	710	23790	10	25	25	21.76	15.91	0.039
16QAM	710	23790	10	50	0	21.69	15.84	0.038
16QAM	711	23800	10	1	0	23.03	17.18	0.052
16QAM	711	23800	10	1	25	23.28	17.43	0.055
16QAM	711	23800	10	1	49	23.01	17.16	0.052
16QAM	711	23800	10	25	0	21.58	15.73	0.037
16QAM	711	23800	10	25	12	21.41	15.56	0.036
16QAM	711	23800	10	25	25	21.50	15.65	0.037
16QAM	711	23800	10	50	0	21.77	15.92	0.039
64QAM	709	23780	10	1	0	21.87	16.02	0.040
64QAM	709	23780	10	1	25	22.11	16.26	0.042
64QAM	709	23780	10	1	49	20.94	15.09	0.032
64QAM	709	23780	10	25	0	20.47	14.62	0.029
64QAM	709	23780	10	25	12	20.66	14.81	0.030
64QAM	709	23780	10	25	25	20.45	14.60	0.029
64QAM	709	23780	10	50	0	20.58	14.73	0.030
64QAM	710	23790	10	1	0	21.58	15.73	0.037
64QAM	710	23790	10	1	25	21.78	15.93	0.039
64QAM	710	23790	10	1	49	20.94	15.09	0.032
64QAM	710	23790	10	25	0	20.54	14.69	0.029
64QAM	710	23790	10	25	12	20.71	14.86	0.031
64QAM	710	23790	10	25	25	20.46	14.61	0.029
64QAM	710	23790	10	50	0	20.67	14.82	0.030
64QAM	711	23800	10	1	0	21.78	15.93	0.039
64QAM	711	23800	10	1	25	21.48	15.63	0.037
64QAM	711	23800	10	1	49	21.78	15.93	0.039
64QAM	711	23800	10	25	0	20.60	14.75	0.030
64QAM	711	23800	10	25	12	20.36	14.51	0.028
64QAM	711	23800	10	25	25	20.74	14.89	0.031
64QAM	711	23800	10	50	0	20.72	14.87	0.031