

Fig.7

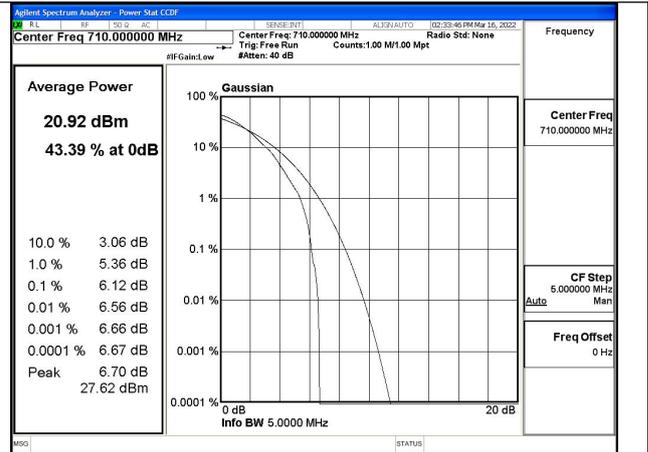


Fig.8

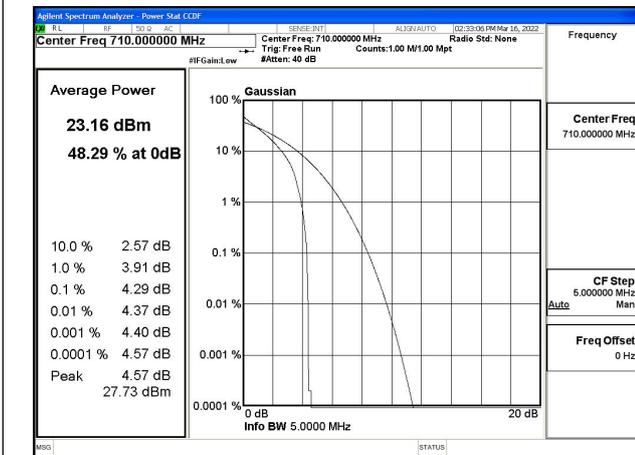


Fig.9

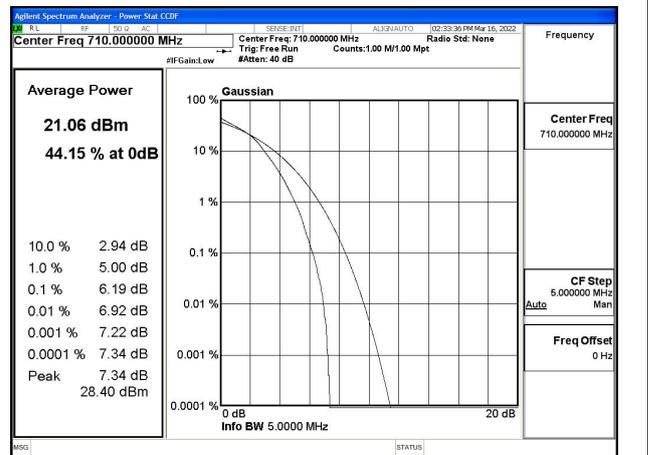


Fig.10

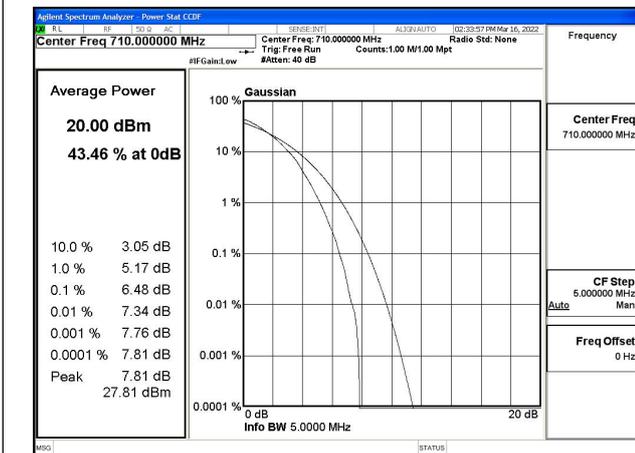


Fig.11

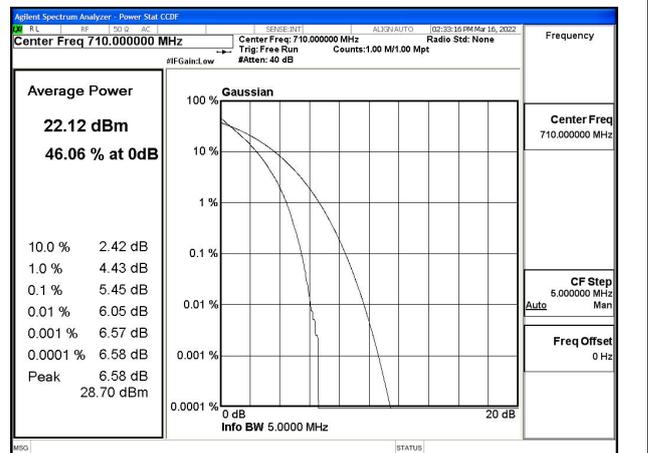


Fig.12

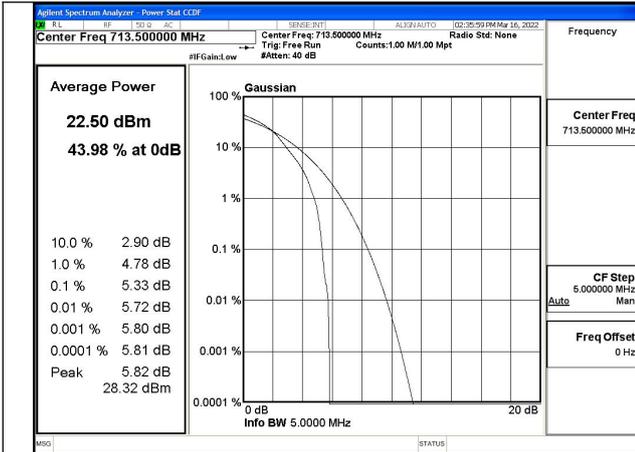


Fig.13

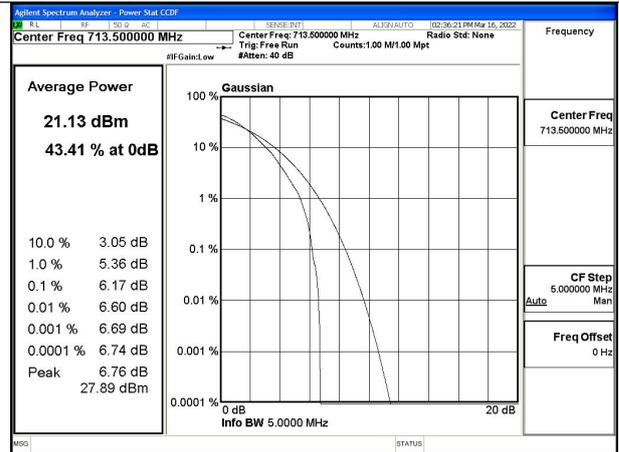


Fig.14

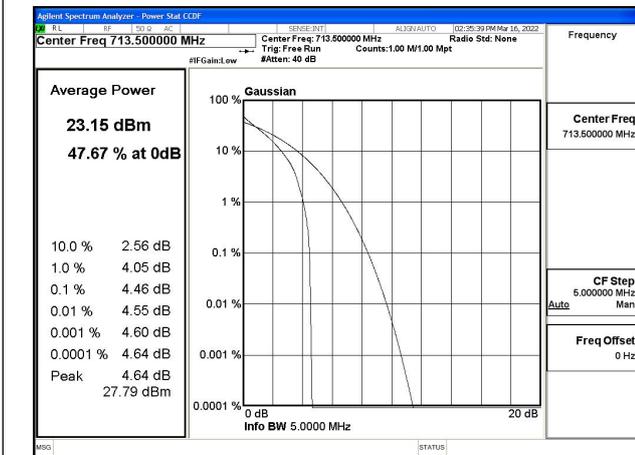


Fig.15

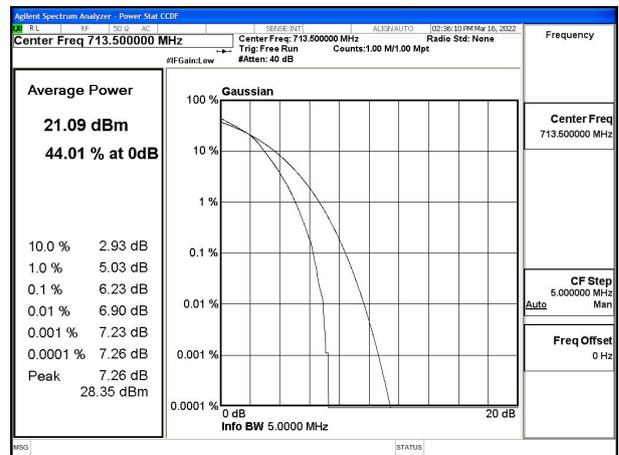


Fig.16

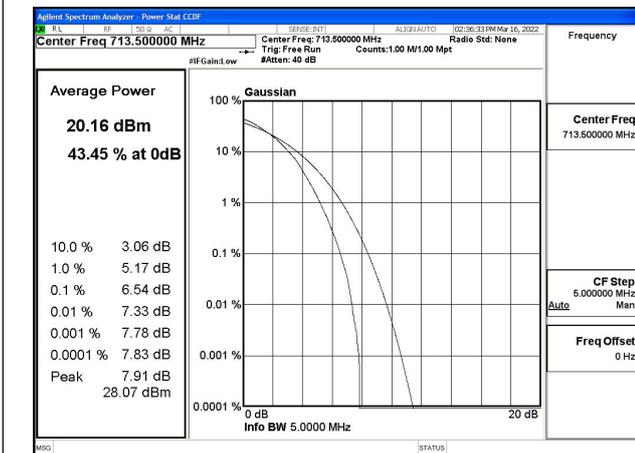


Fig.17

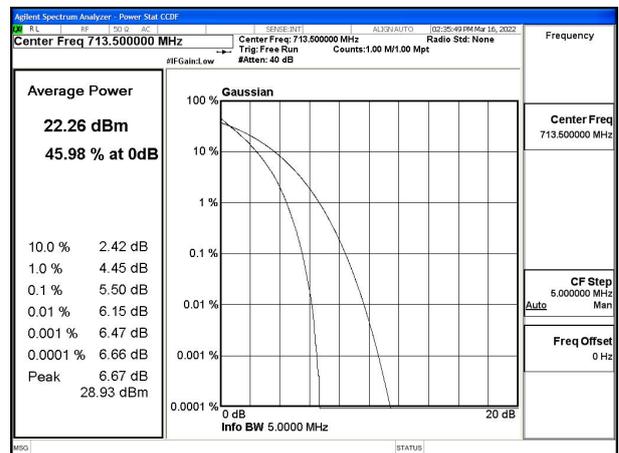


Fig.18

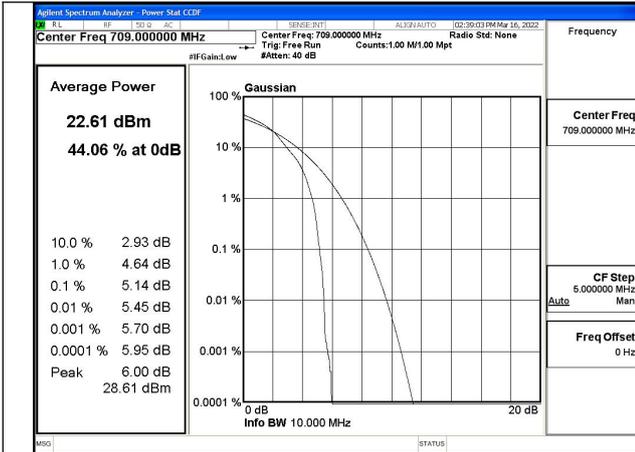


Fig.19

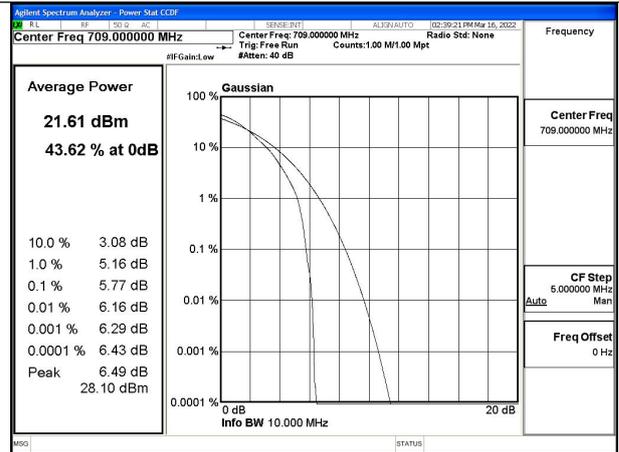


Fig.20

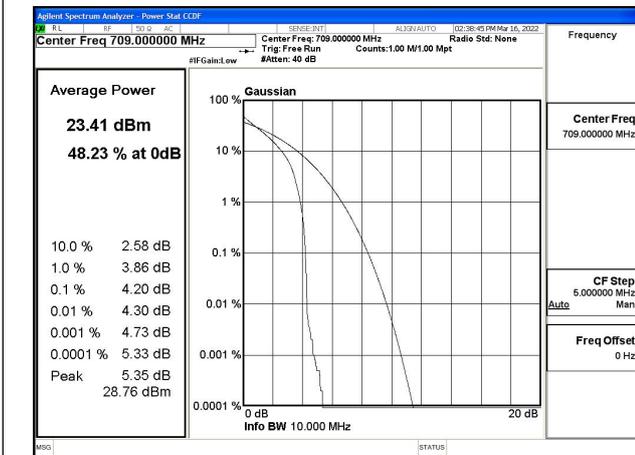


Fig.21

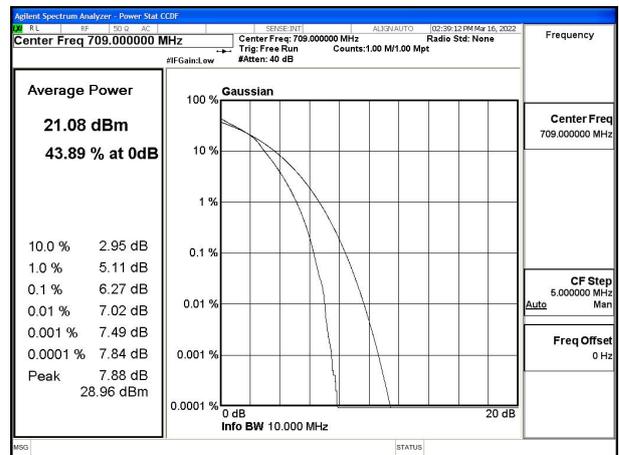


Fig.22

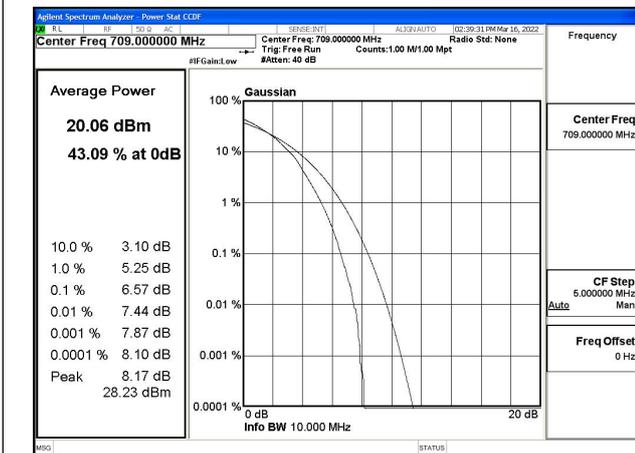


Fig.23

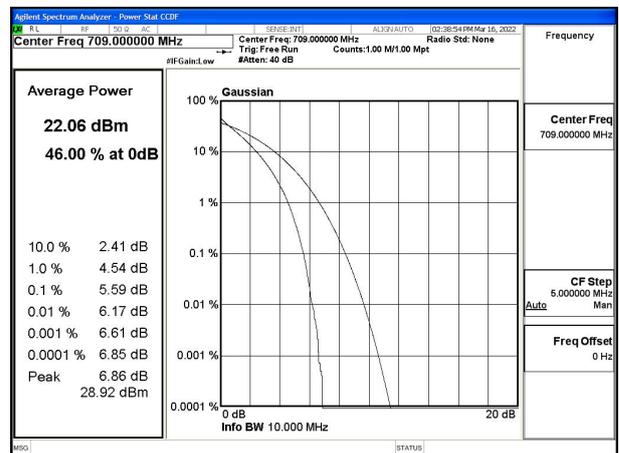


Fig.24

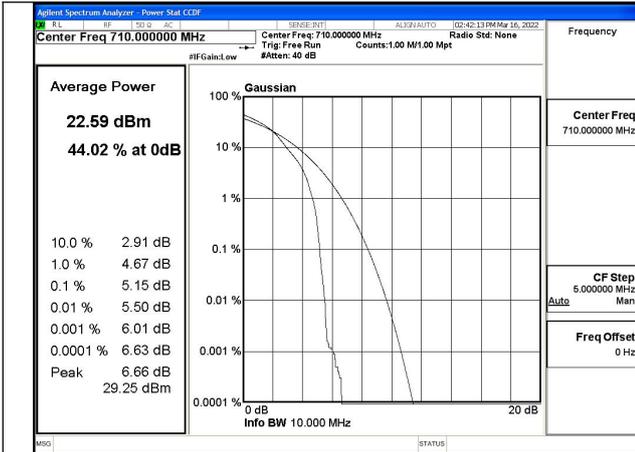


Fig.25

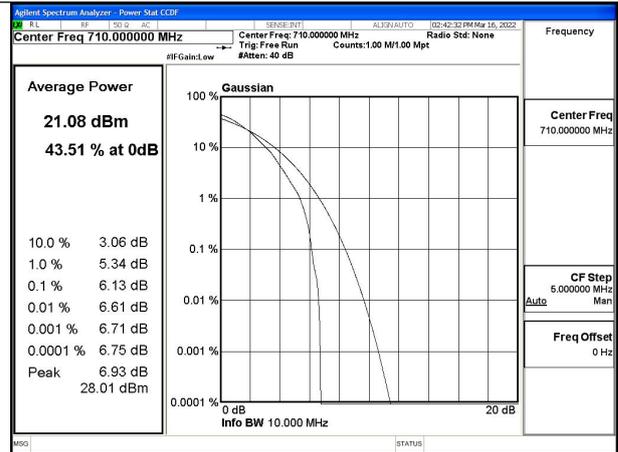


Fig.26

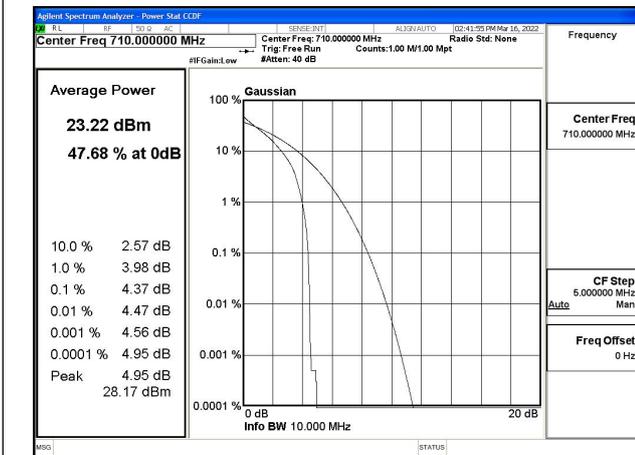


Fig.27

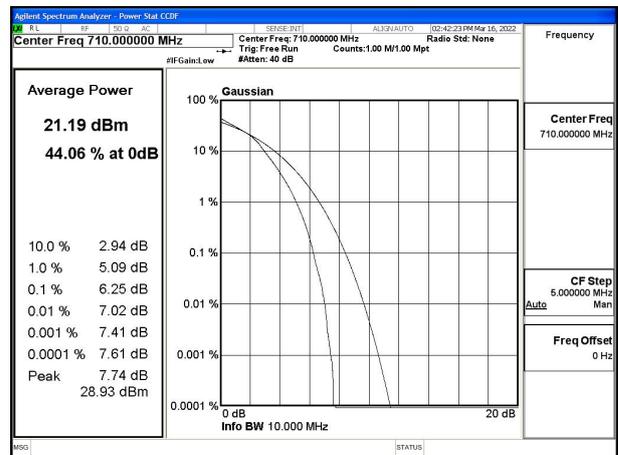


Fig.28

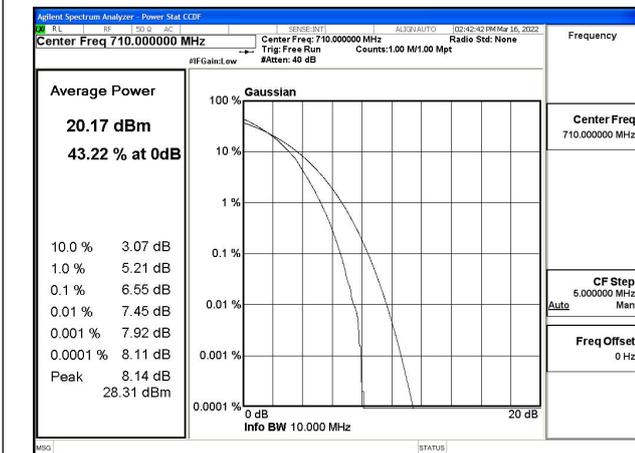


Fig.29

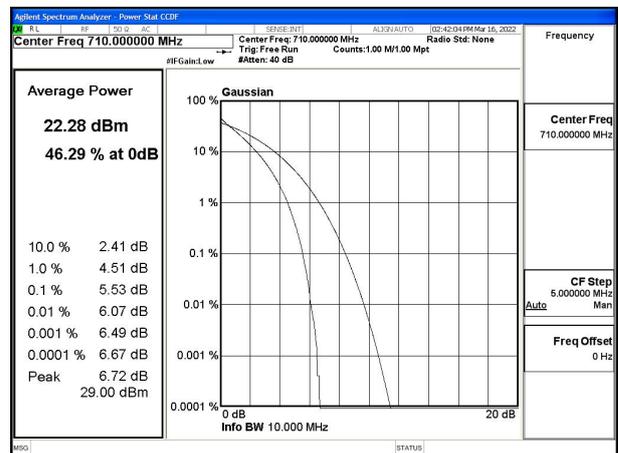


Fig.30

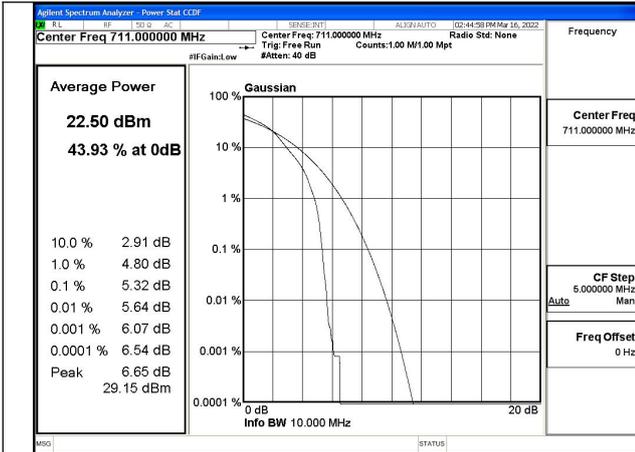


Fig.31

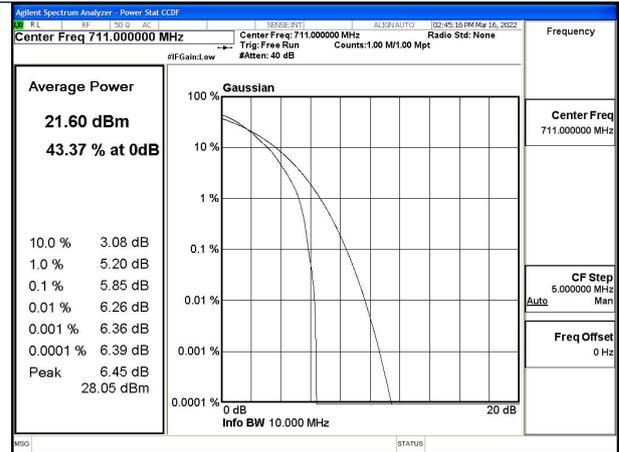


Fig.32

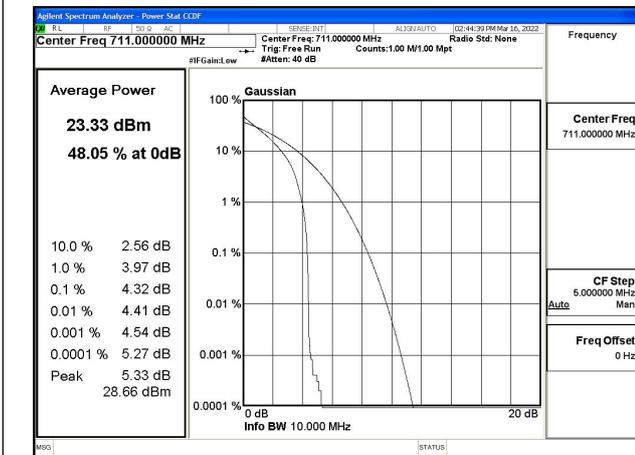


Fig.33

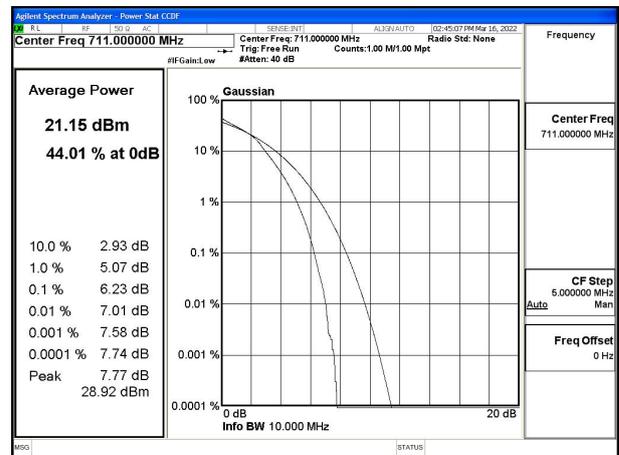


Fig.34

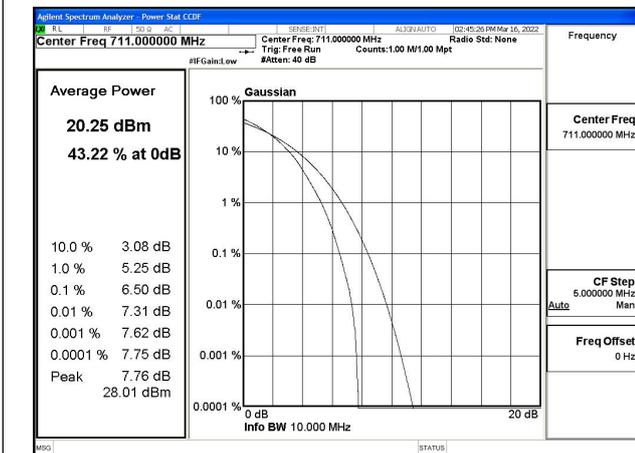


Fig.35

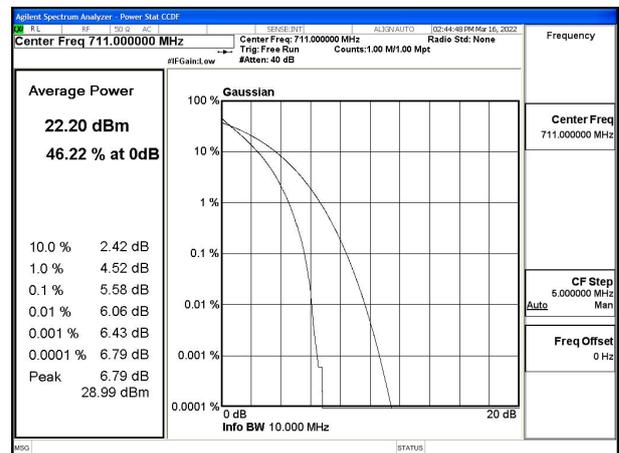


Fig.36

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

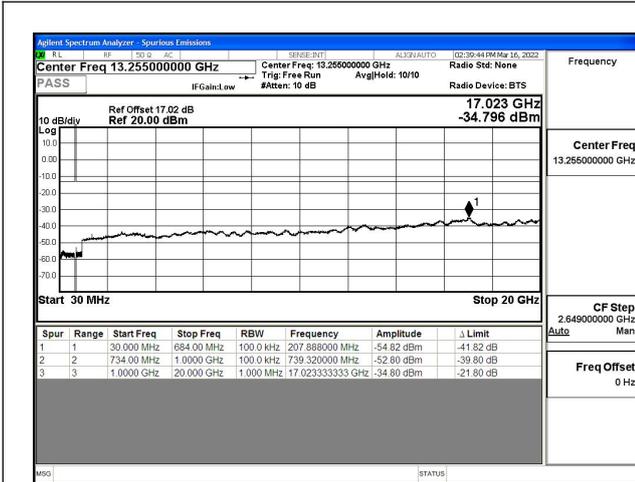


Fig.1

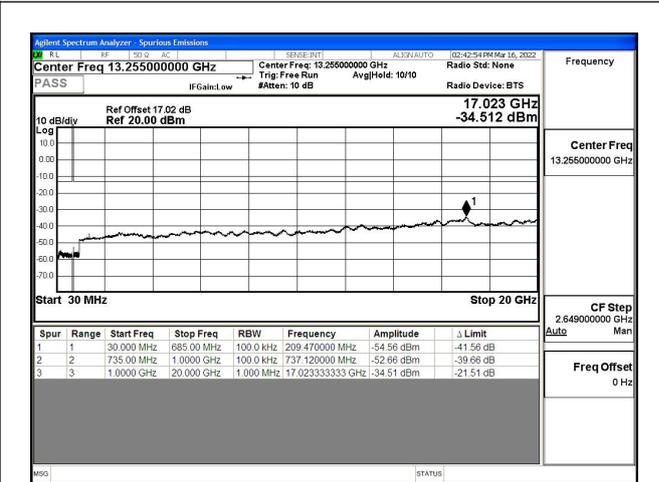


Fig.2

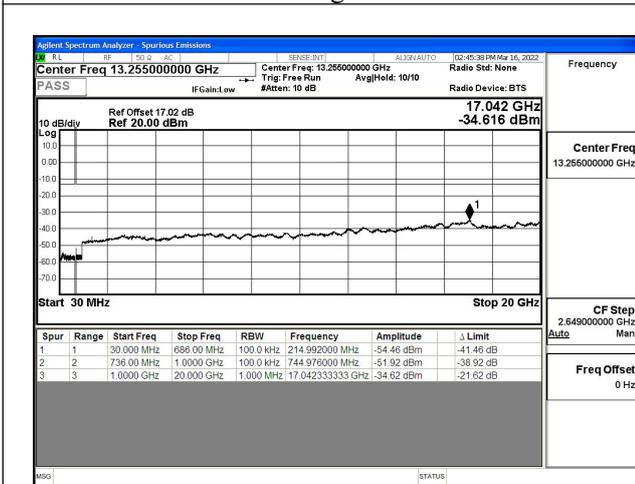


Fig.3

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

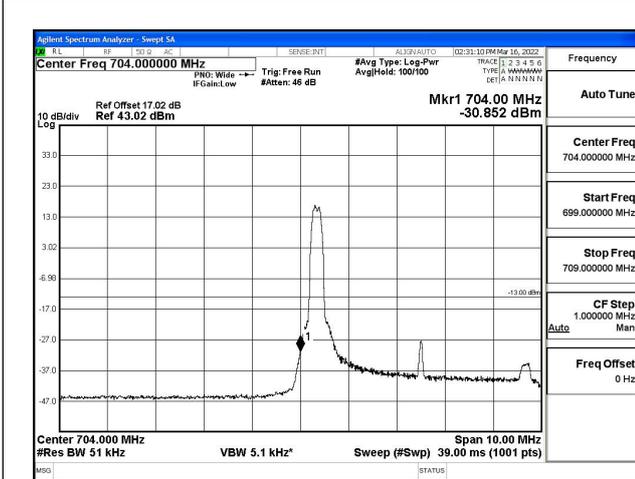


Fig.1

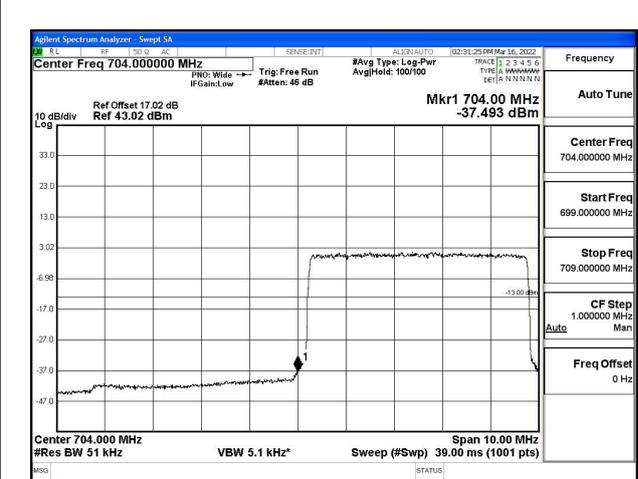


Fig.2

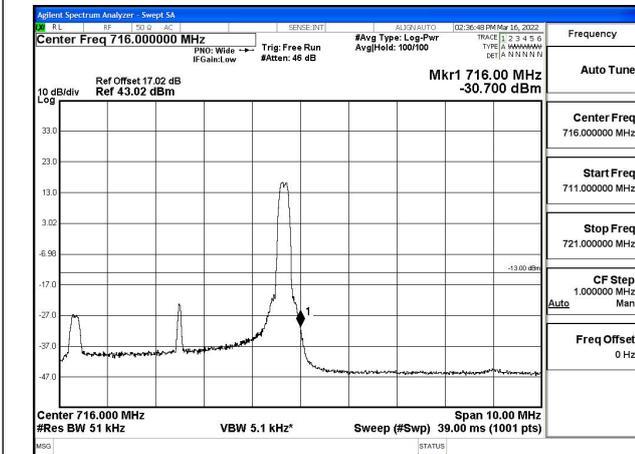


Fig.3

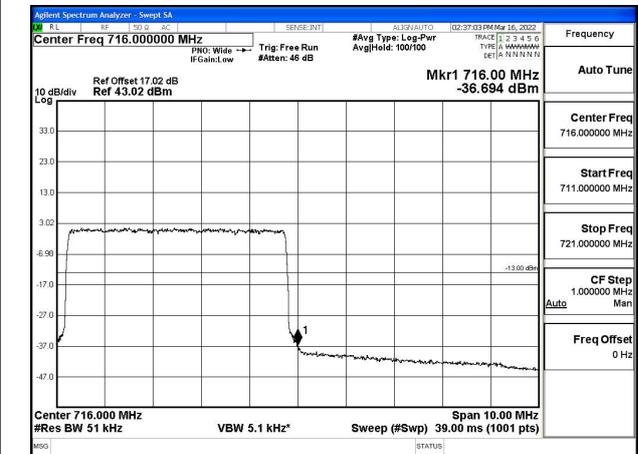


Fig.4

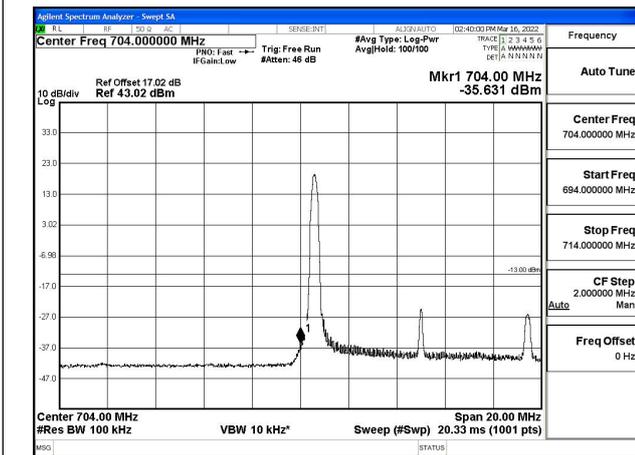


Fig.5

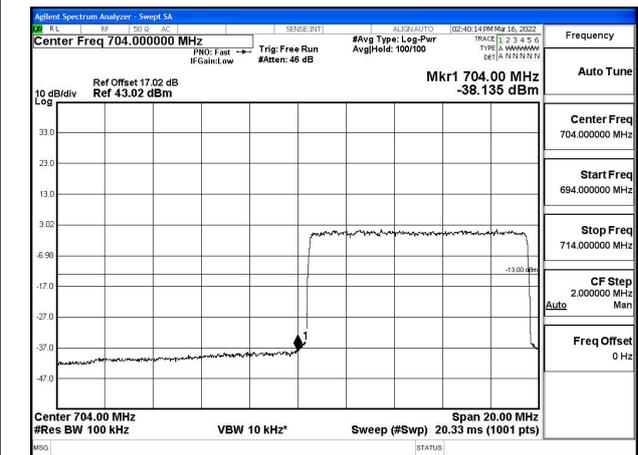


Fig.6

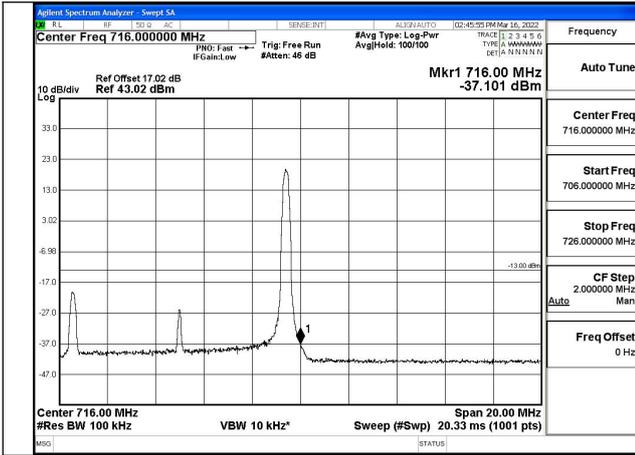


Fig.7

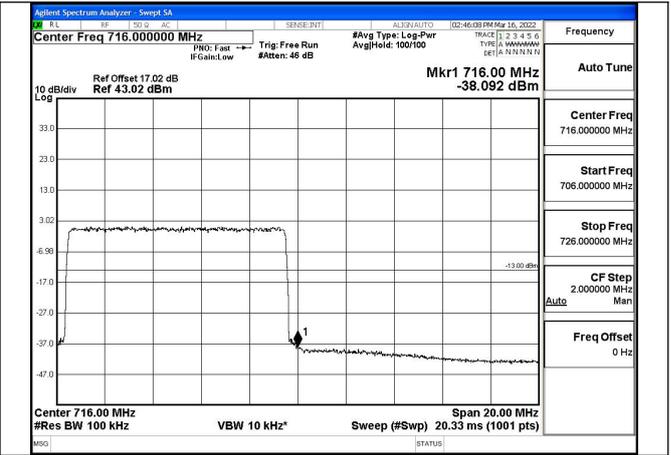


Fig.8

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band 17 Low Channel QPSK	
		5M	10M
-10	NV	0.005	0.010
0	NV	0.010	0.007
+10	NV	-0.026	-0.060
+20	NV	-0.053	-0.005
+30	NV	-0.018	0.028
+40	NV	-0.064	-0.027
+50	NV	0.017	-0.004
+20	LV	0.049	0.023
+20	HV	0.010	0.003

Temperature(°C)	Voltage	Test Result (ppm) Band 17 High Channel QPSK	
		5M	10M
-10	NV	0.006	-0.029
0	NV	-0.017	-0.031
+10	NV	-0.057	-0.066
+20	NV	-0.015	-0.026
+30	NV	-0.070	-0.047
+40	NV	-0.063	-0.061
+50	NV	0.032	0.024
+20	LV	0.062	0.022
+20	HV	0.012	0.015

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	23.61	19.15	0.082
QPSK	706.5	23755	5	1	12	23.39	18.93	0.078
QPSK	706.5	23755	5	1	24	23.27	18.81	0.076
QPSK	706.5	23755	5	12	0	22.39	17.93	0.062
QPSK	706.5	23755	5	12	7	22.41	17.95	0.062
QPSK	706.5	23755	5	12	13	22.34	17.88	0.061
QPSK	706.5	23755	5	25	0	22.37	17.91	0.062
QPSK	710	23790	5	1	0	23.51	19.05	0.080
QPSK	710	23790	5	1	12	23.58	19.12	0.082
QPSK	710	23790	5	1	24	23.57	19.11	0.081
QPSK	710	23790	5	12	0	22.18	17.72	0.059
QPSK	710	23790	5	12	7	22.49	18.03	0.064
QPSK	710	23790	5	12	13	22.25	17.79	0.060
QPSK	710	23790	5	25	0	22.49	18.03	0.064
QPSK	713.5	23825	5	1	0	23.51	19.05	0.080
QPSK	713.5	23825	5	1	12	23.35	18.89	0.077
QPSK	713.5	23825	5	1	24	23.31	18.85	0.077
QPSK	713.5	23825	5	12	0	22.27	17.81	0.060
QPSK	713.5	23825	5	12	7	22.46	18.00	0.063
QPSK	713.5	23825	5	12	13	22.50	18.04	0.064
QPSK	713.5	23825	5	25	0	22.49	18.03	0.064

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	22.78	18.32	0.068
16QAM	706.5	23755	5	1	12	22.80	18.34	0.068
16QAM	706.5	23755	5	1	24	22.33	17.87	0.061
16QAM	706.5	23755	5	12	0	21.36	16.90	0.049
16QAM	706.5	23755	5	12	7	21.30	16.84	0.048
16QAM	706.5	23755	5	12	13	21.37	16.91	0.049
16QAM	706.5	23755	5	25	0	21.56	17.10	0.051
16QAM	710	23790	5	1	0	22.35	17.89	0.062
16QAM	710	23790	5	1	12	22.51	18.05	0.064
16QAM	710	23790	5	1	24	23.20	18.74	0.075
16QAM	710	23790	5	12	0	21.05	16.59	0.046
16QAM	710	23790	5	12	7	21.34	16.88	0.049
16QAM	710	23790	5	12	13	21.33	16.87	0.049
16QAM	710	23790	5	25	0	21.36	16.90	0.049
16QAM	713.5	23825	5	1	0	23.25	18.79	0.076
16QAM	713.5	23825	5	1	12	22.54	18.08	0.064
16QAM	713.5	23825	5	1	24	22.35	17.89	0.062
16QAM	713.5	23825	5	12	0	21.37	16.91	0.049
16QAM	713.5	23825	5	12	7	21.35	16.89	0.049
16QAM	713.5	23825	5	12	13	21.36	16.90	0.049
16QAM	713.5	23825	5	25	0	21.37	16.91	0.049
64QAM	706.5	23755	5	1	0	21.54	17.08	0.051
64QAM	706.5	23755	5	1	12	22.46	18.00	0.063
64QAM	706.5	23755	5	1	24	21.78	17.32	0.054
64QAM	706.5	23755	5	12	0	20.83	16.37	0.043
64QAM	706.5	23755	5	12	7	20.37	15.91	0.039
64QAM	706.5	23755	5	12	13	20.30	15.84	0.038
64QAM	706.5	23755	5	25	0	20.89	16.43	0.044
64QAM	710	23790	5	1	0	21.82	17.36	0.054
64QAM	710	23790	5	1	12	22.47	18.01	0.063
64QAM	710	23790	5	1	24	22.10	17.64	0.058
64QAM	710	23790	5	12	0	20.54	16.08	0.041
64QAM	710	23790	5	12	7	19.93	15.47	0.035
64QAM	710	23790	5	12	13	20.87	16.41	0.044
64QAM	710	23790	5	25	0	20.77	16.31	0.043
64QAM	713.5	23825	5	1	0	21.30	16.84	0.048
64QAM	713.5	23825	5	1	12	21.29	16.83	0.048
64QAM	713.5	23825	5	1	24	21.06	16.60	0.046
64QAM	713.5	23825	5	12	0	21.07	16.61	0.046
64QAM	713.5	23825	5	12	7	20.18	15.72	0.037
64QAM	713.5	23825	5	12	13	20.22	15.76	0.038
64QAM	713.5	23825	5	25	0	20.22	15.76	0.038

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	23.62	19.16	0.082
QPSK	709	23780	10	1	25	23.52	19.06	0.081
QPSK	709	23780	10	1	49	23.56	19.10	0.081
QPSK	709	23780	10	25	0	22.34	17.88	0.061
QPSK	709	23780	10	25	12	22.39	17.93	0.062
QPSK	709	23780	10	25	25	22.28	17.82	0.061
QPSK	709	23780	10	50	0	22.27	17.81	0.060
QPSK	710	23790	10	1	0	23.60	19.14	0.082
QPSK	710	23790	10	1	25	23.50	19.04	0.080
QPSK	710	23790	10	1	49	23.53	19.07	0.081
QPSK	710	23790	10	25	0	22.32	17.86	0.061
QPSK	710	23790	10	25	12	22.36	17.90	0.062
QPSK	710	23790	10	25	25	22.33	17.87	0.061
QPSK	710	23790	10	50	0	22.35	17.89	0.062
QPSK	711	23800	10	1	0	23.53	19.07	0.081
QPSK	711	23800	10	1	25	23.67	19.21	0.083
QPSK	711	23800	10	1	49	23.32	18.86	0.077
QPSK	711	23800	10	25	0	22.41	17.95	0.062
QPSK	711	23800	10	25	12	22.27	17.81	0.060
QPSK	711	23800	10	25	25	22.22	17.76	0.060
QPSK	711	23800	10	50	0	22.41	17.95	0.062

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	22.68	18.22	0.066
16QAM	709	23780	10	1	25	22.80	18.34	0.068
16QAM	709	23780	10	1	49	22.68	18.22	0.066
16QAM	709	23780	10	25	0	21.68	17.22	0.053
16QAM	709	23780	10	25	12	21.45	16.99	0.050
16QAM	709	23780	10	25	25	21.56	17.10	0.051
16QAM	709	23780	10	50	0	21.29	16.83	0.048
16QAM	710	23790	10	1	0	22.17	17.71	0.059
16QAM	710	23790	10	1	25	23.09	18.63	0.073
16QAM	710	23790	10	1	49	22.73	18.27	0.067
16QAM	710	23790	10	25	0	21.53	17.07	0.051
16QAM	710	23790	10	25	12	21.77	17.31	0.054
16QAM	710	23790	10	25	25	21.43	16.97	0.050
16QAM	710	23790	10	50	0	21.44	16.98	0.050
16QAM	711	23800	10	1	0	22.74	18.28	0.067
16QAM	711	23800	10	1	25	22.51	18.05	0.064
16QAM	711	23800	10	1	49	22.03	17.57	0.057
16QAM	711	23800	10	25	0	21.40	16.94	0.049
16QAM	711	23800	10	25	12	21.40	16.94	0.049
16QAM	711	23800	10	25	25	21.64	17.18	0.052
16QAM	711	23800	10	50	0	21.34	16.88	0.049
64QAM	709	23780	10	1	0	21.60	17.14	0.052
64QAM	709	23780	10	1	25	21.94	17.48	0.056
64QAM	709	23780	10	1	49	21.30	16.84	0.048
64QAM	709	23780	10	25	0	20.26	15.80	0.038
64QAM	709	23780	10	25	12	20.28	15.82	0.038
64QAM	709	23780	10	25	25	20.74	16.28	0.042
64QAM	709	23780	10	50	0	20.44	15.98	0.040
64QAM	710	23790	10	1	0	21.81	17.35	0.054
64QAM	710	23790	10	1	25	21.88	17.42	0.055
64QAM	710	23790	10	1	49	21.45	16.99	0.050
64QAM	710	23790	10	25	0	20.53	16.07	0.040
64QAM	710	23790	10	25	12	20.38	15.92	0.039
64QAM	710	23790	10	25	25	20.73	16.27	0.042
64QAM	710	23790	10	50	0	20.48	16.02	0.040
64QAM	711	23800	10	1	0	21.96	17.50	0.056
64QAM	711	23800	10	1	25	21.64	17.18	0.052
64QAM	711	23800	10	1	49	22.28	17.82	0.061
64QAM	711	23800	10	25	0	20.27	15.81	0.038
64QAM	711	23800	10	25	12	20.39	15.93	0.039
64QAM	711	23800	10	25	25	20.62	16.16	0.041
64QAM	711	23800	10	50	0	20.66	16.20	0.042