

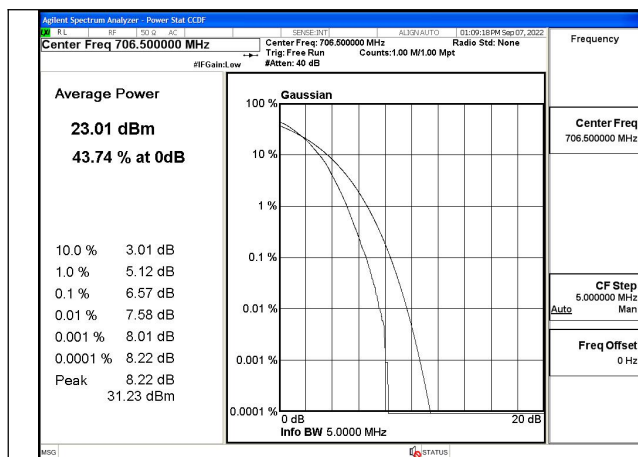


Fig.5

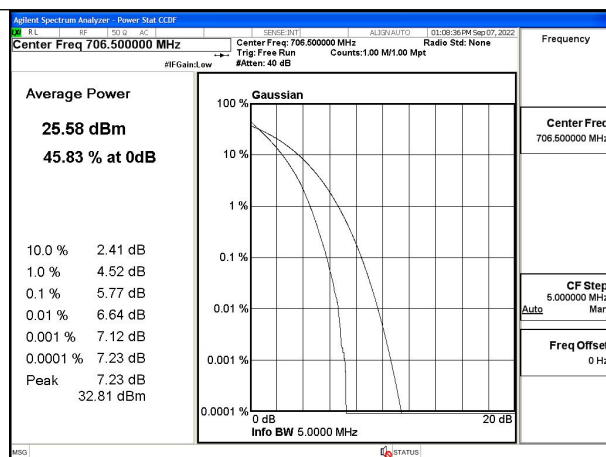


Fig.6

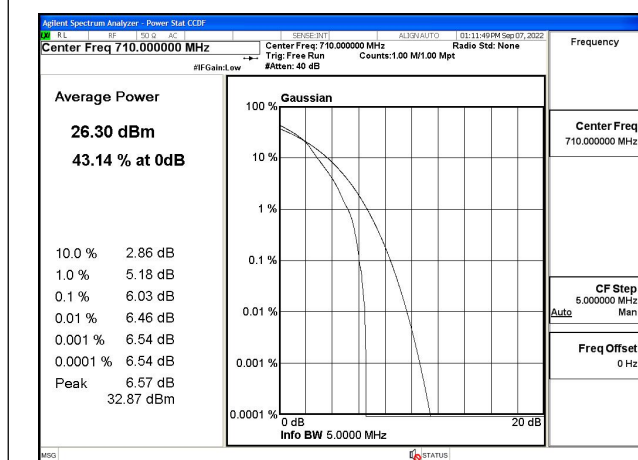


Fig.7

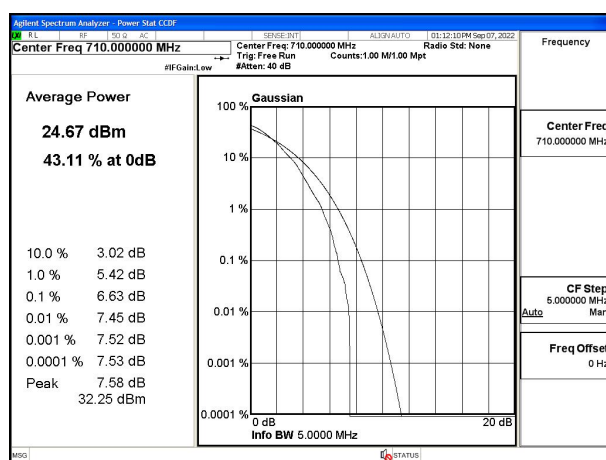


Fig.8

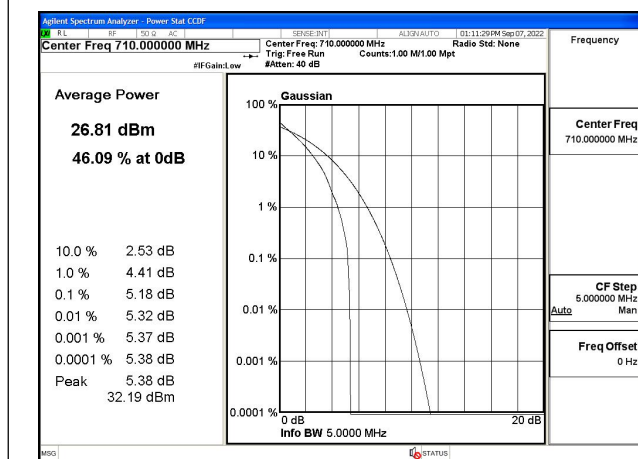


Fig.9

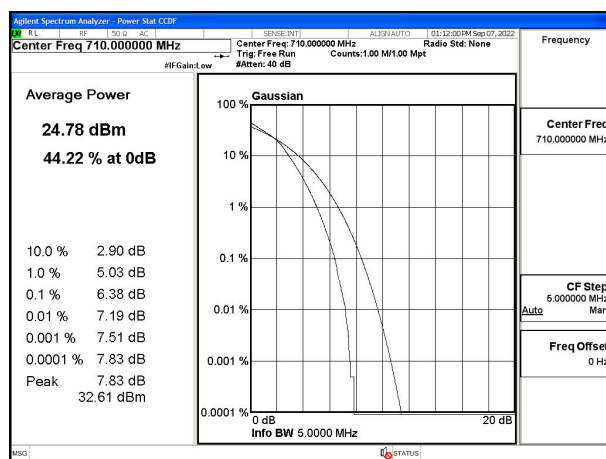


Fig.10

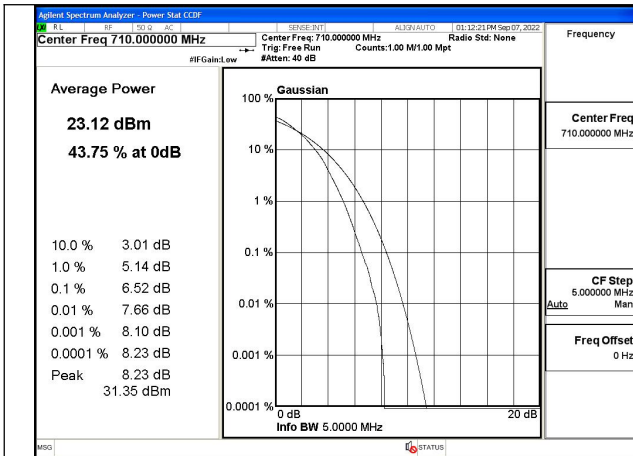


Fig.11

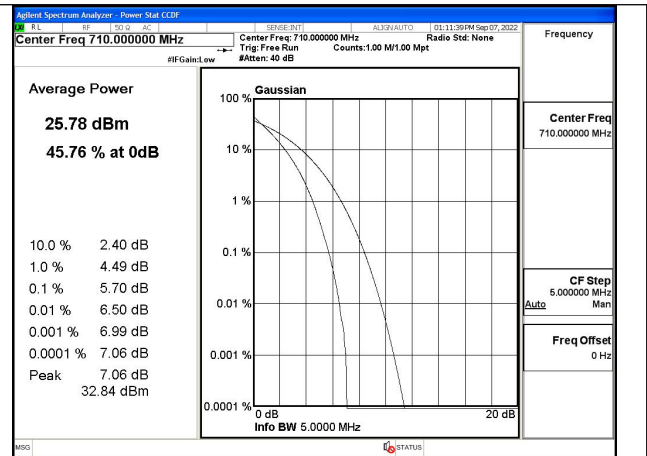


Fig.12

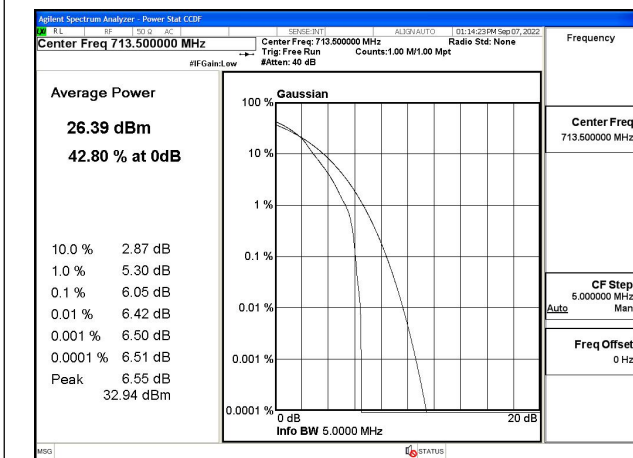


Fig.13

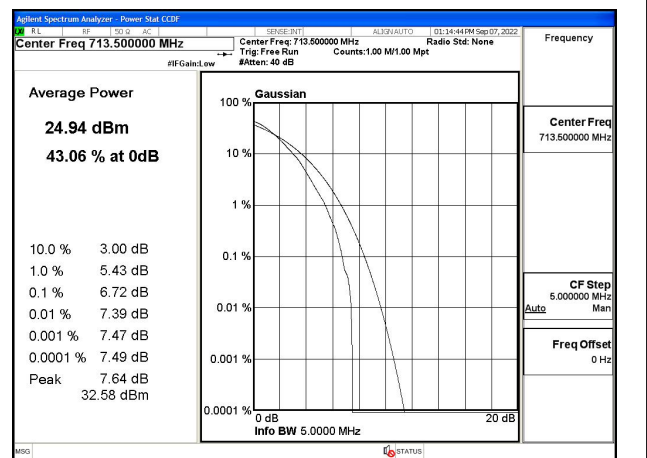


Fig.14

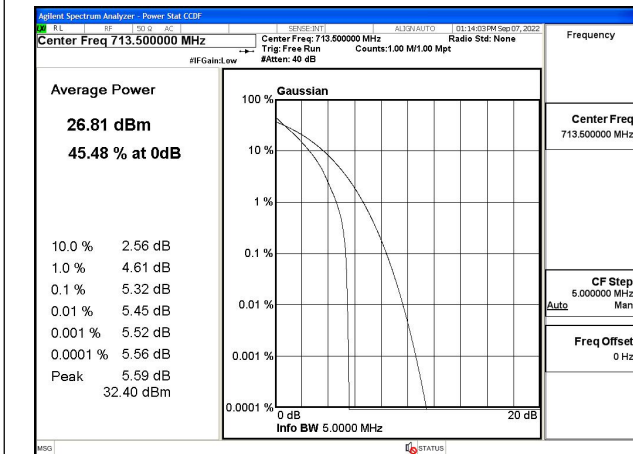


Fig.15

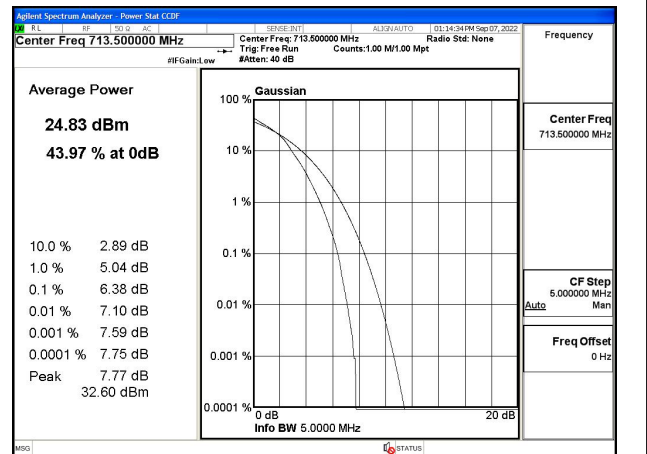


Fig.16

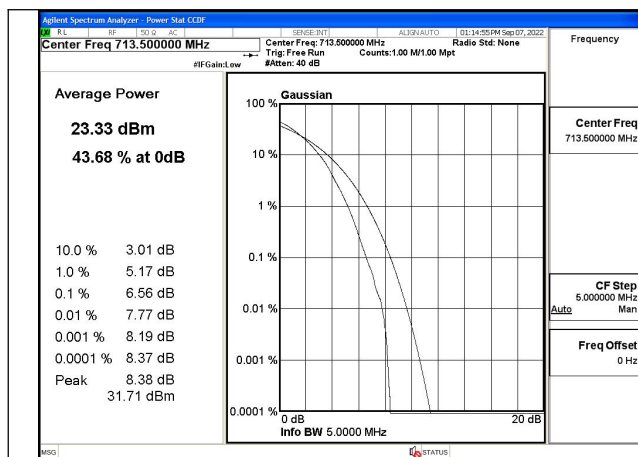


Fig.17

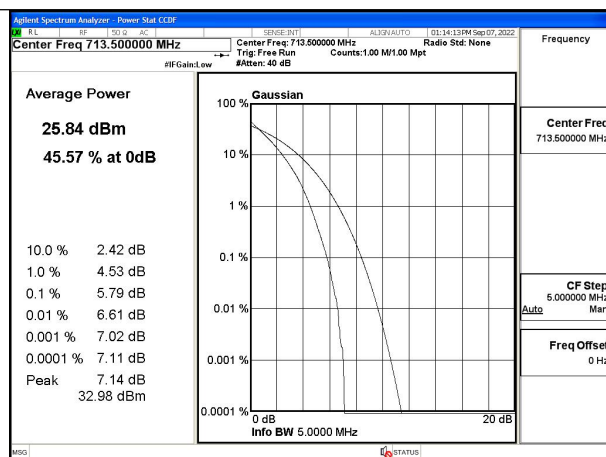


Fig.18

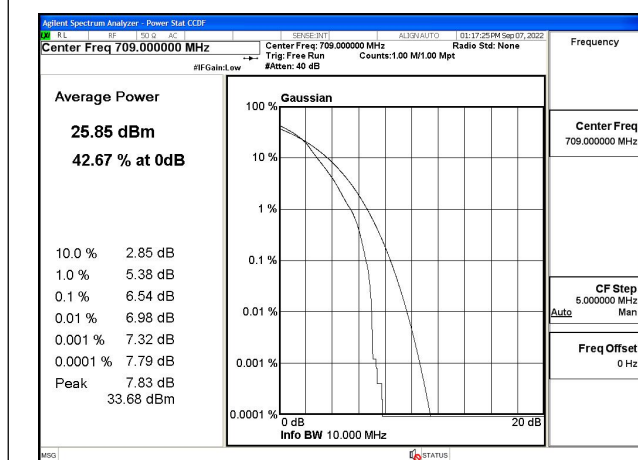


Fig.19

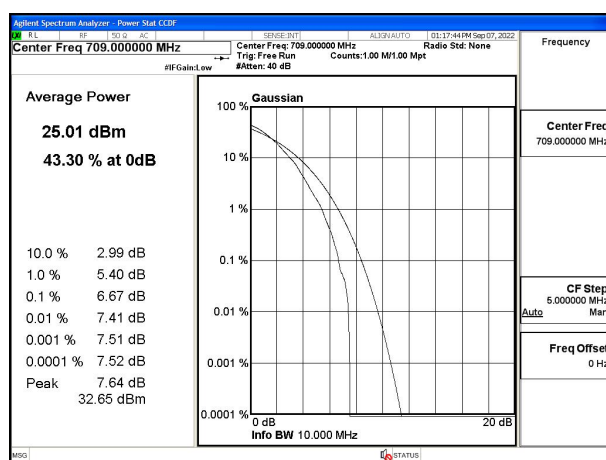


Fig.20

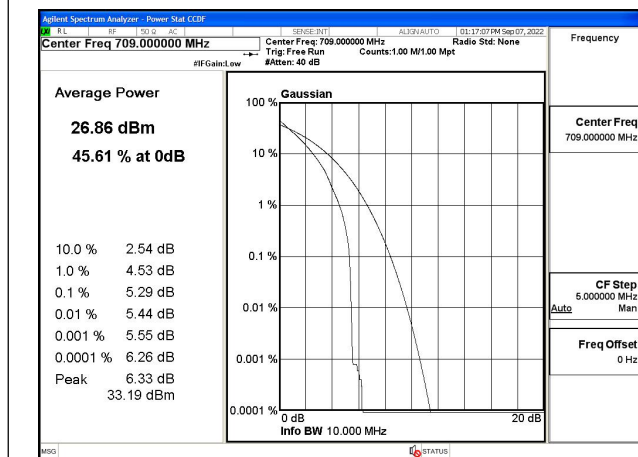


Fig.21

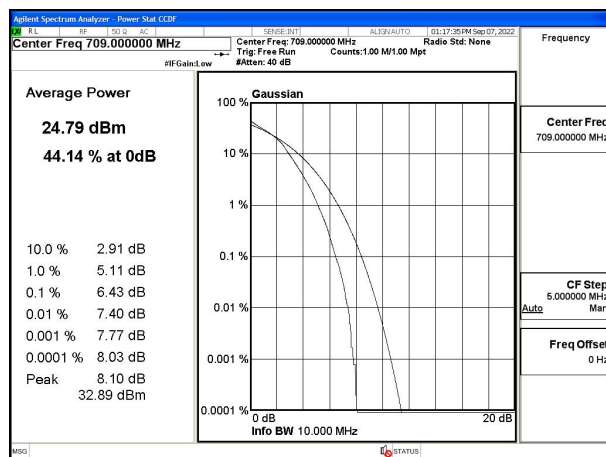


Fig.22

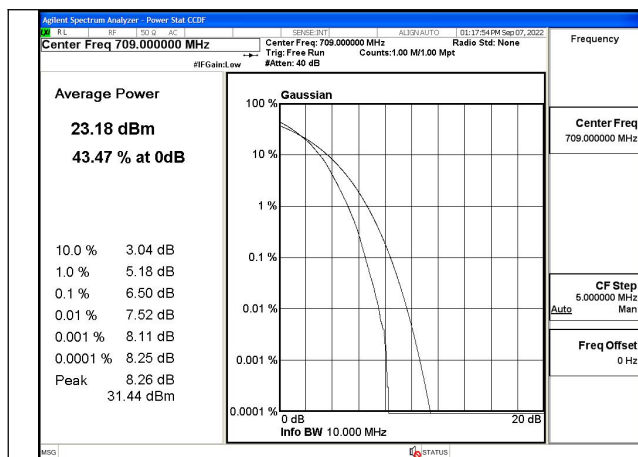


Fig.23

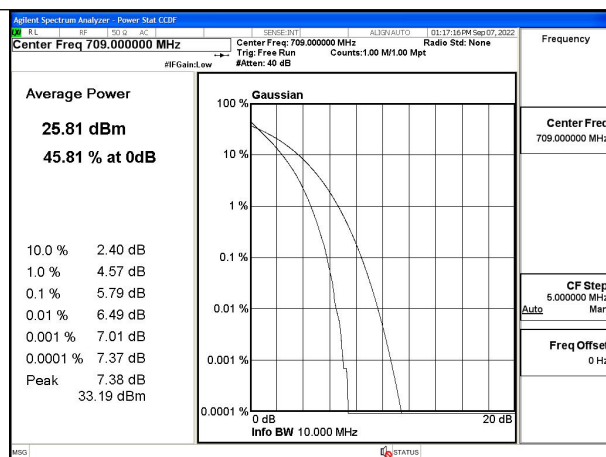


Fig.24

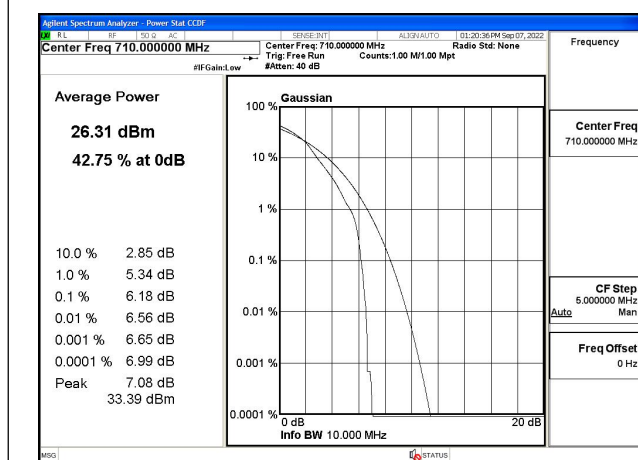


Fig.25

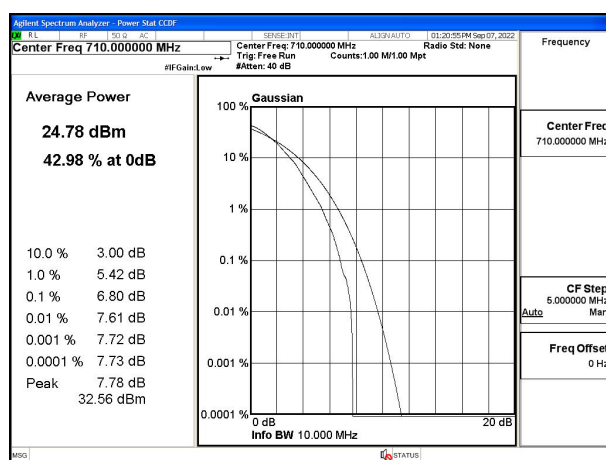


Fig.26

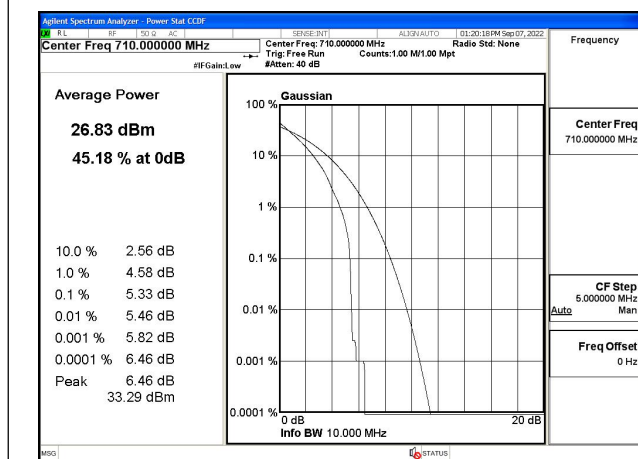


Fig.27

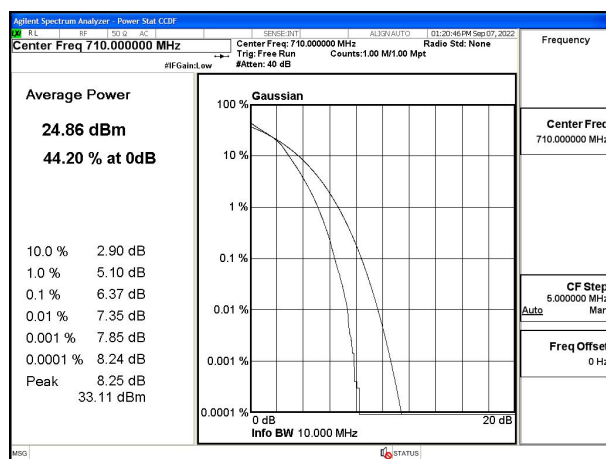


Fig.28

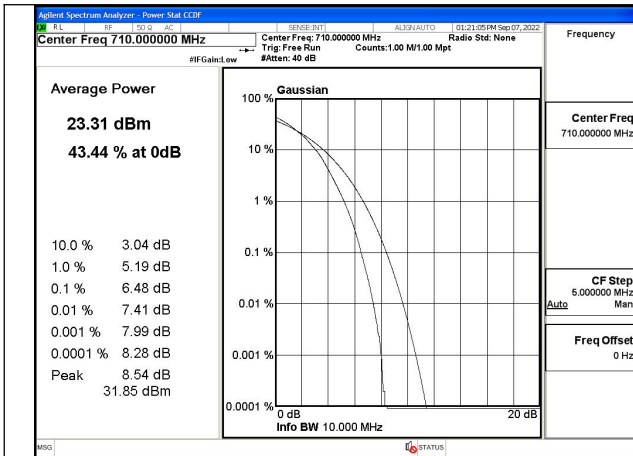


Fig.29

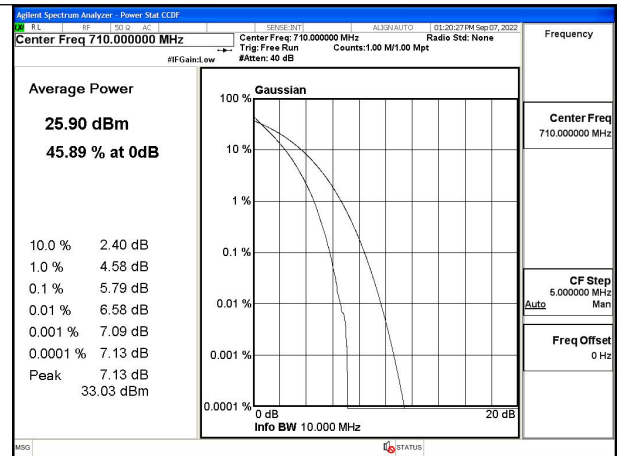


Fig.30

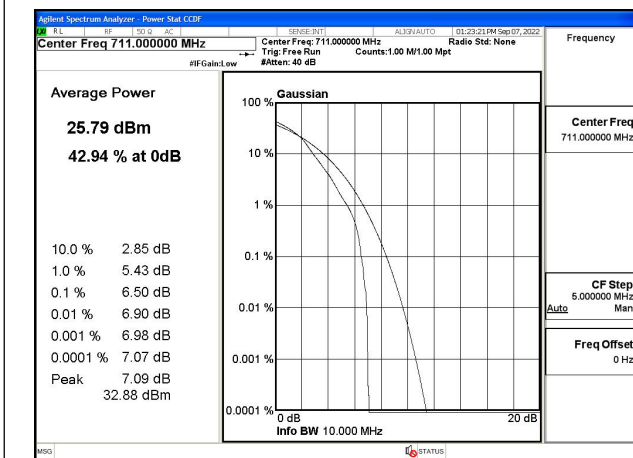


Fig.31

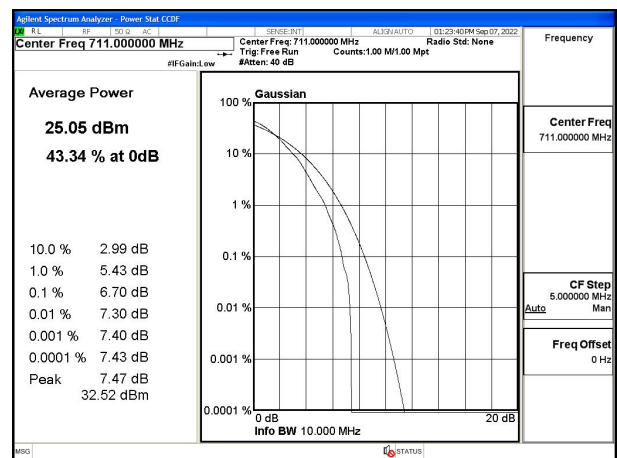


Fig.32

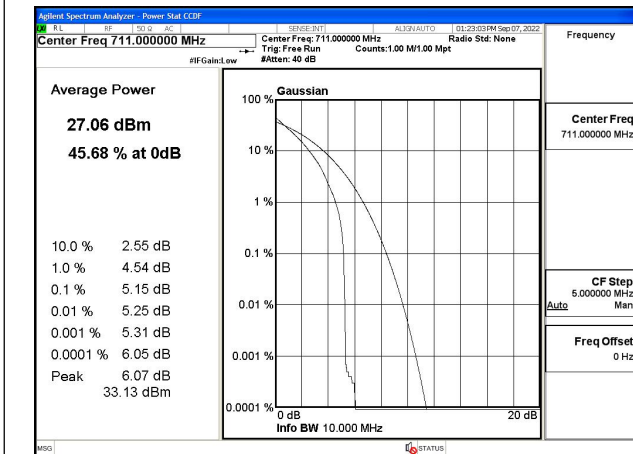


Fig.33

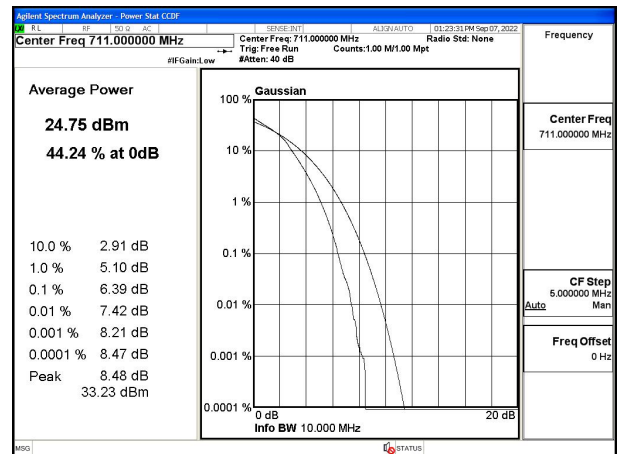


Fig.34

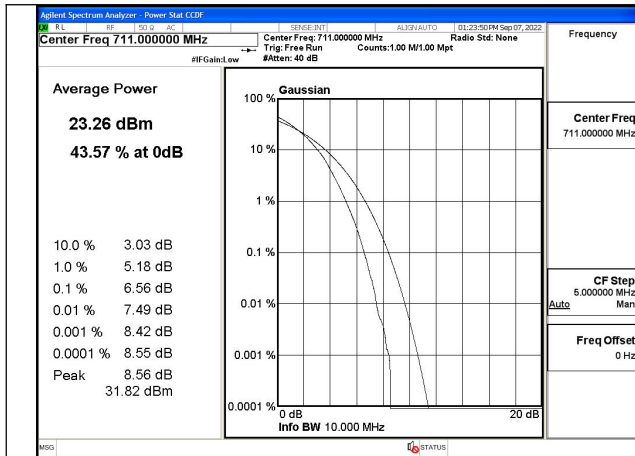


Fig.35

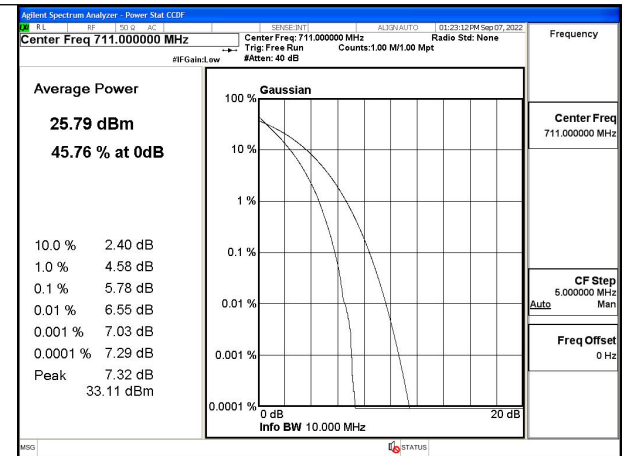


Fig.36

5 Spurious Emissions at antenna terminal

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

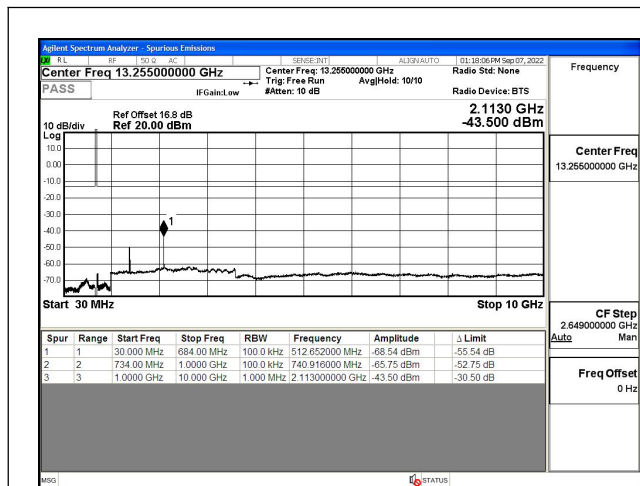


Fig.1

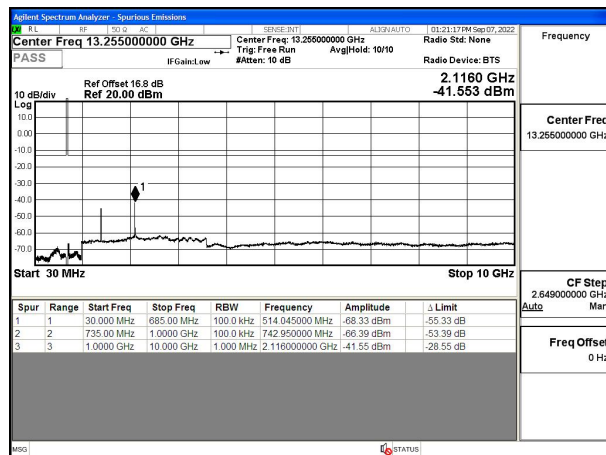


Fig.2

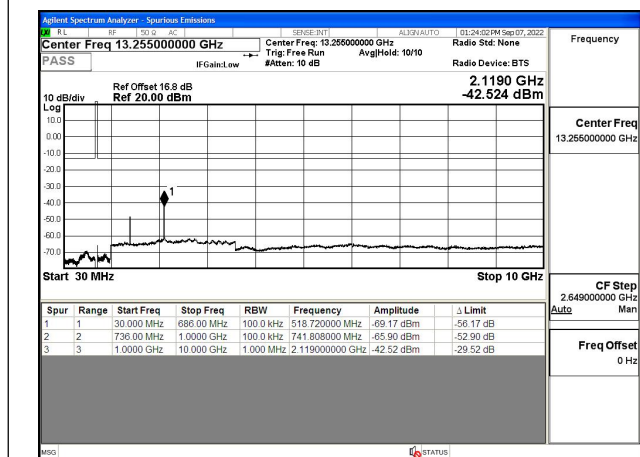


Fig.3

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

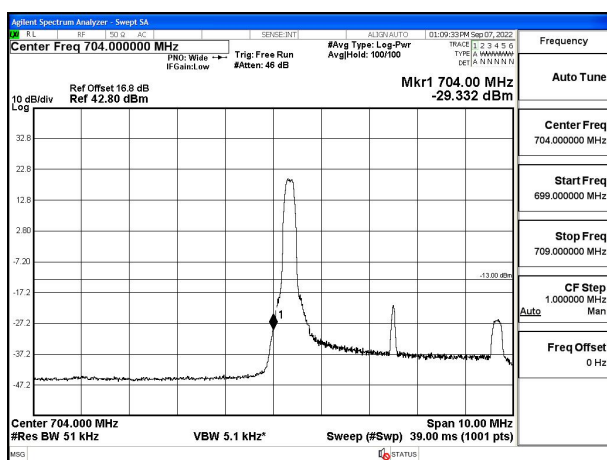


Fig.1

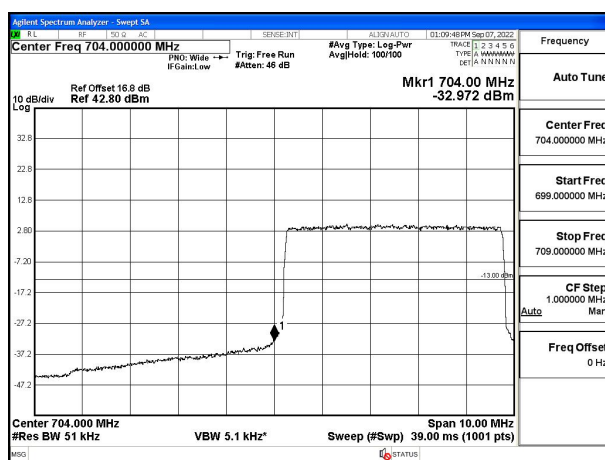


Fig.2

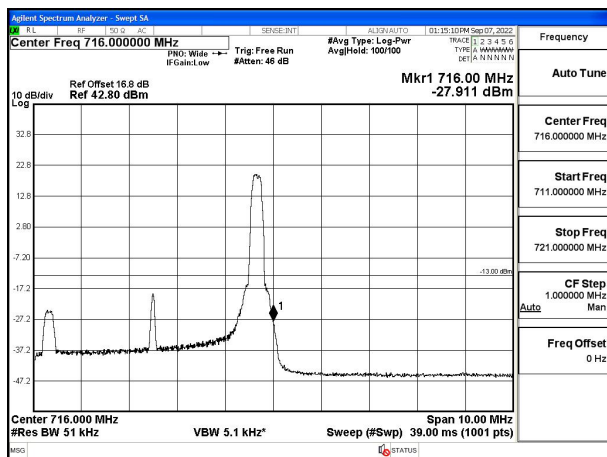


Fig.3

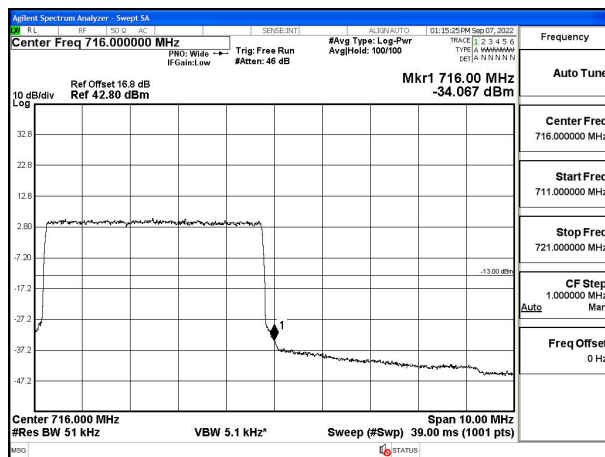


Fig.4

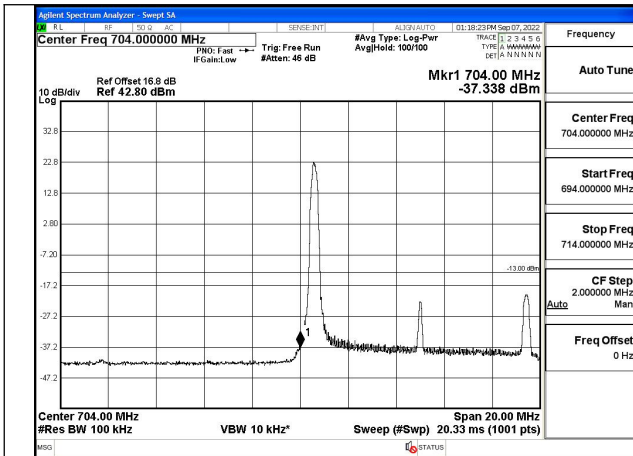


Fig.5

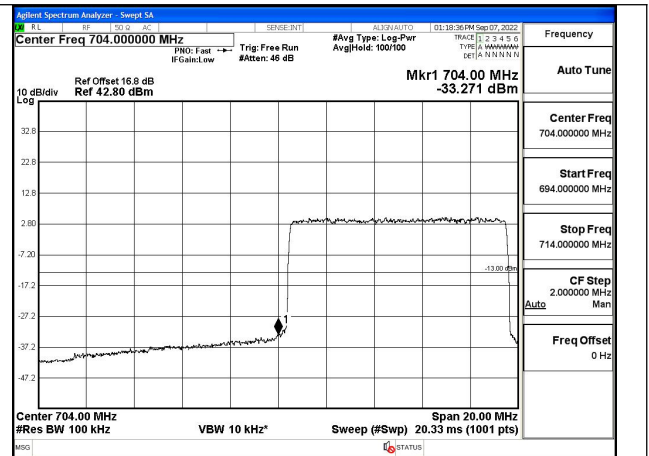


Fig.6

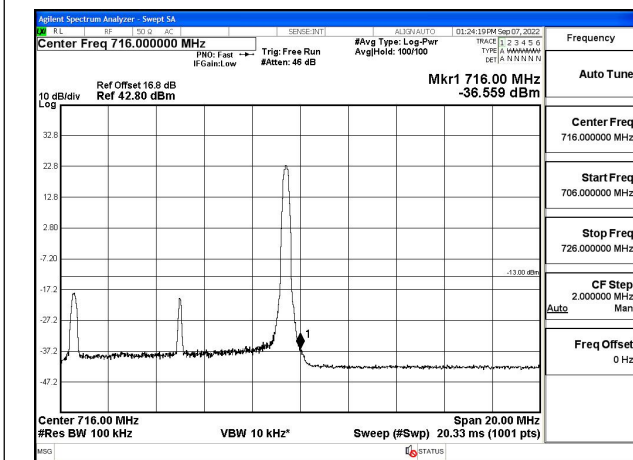


Fig.7

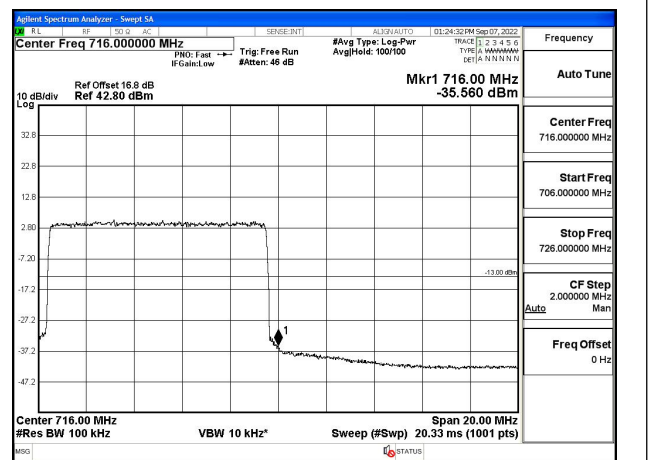


Fig.8

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band 17 Low Channel QPSK	
		5M	10M
-10	NV	0.003	0.008
0	NV	0.012	-0.007
+10	NV	0.005	0.003
+20	NV	0.005	0.001
+30	NV	-0.004	0.005
+40	NV	0.000	0.007
+50	NV	0.004	0.011
+55	NV	0.008	0.005
+20	LV	0.016	0.004
+20	HV	0.001	0.018

Temperature(°C)	Voltage	Test Result (ppm) Band 17 High Channel QPSK	
		5M	10M
-10	NV	-0.003	-0.008
0	NV	-0.008	0.003
+10	NV	-0.009	-0.013
+20	NV	-0.003	0.003
+30	NV	-0.005	0.007
+40	NV	-0.009	-0.001
+50	NV	-0.009	-0.009
+55	NV	-0.004	-0.008
+20	LV	0.011	-0.006
+20	HV	0.001	-0.014

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	25.93	19.88	0.097
QPSK	706.5	23755	5	1	12	26.30	20.25	0.106
QPSK	706.5	23755	5	1	24	26.38	20.33	0.108
QPSK	706.5	23755	5	12	0	25.44	19.39	0.087
QPSK	706.5	23755	5	12	7	25.40	19.35	0.086
QPSK	706.5	23755	5	12	13	25.68	19.63	0.092
QPSK	706.5	23755	5	25	0	25.39	19.34	0.086
QPSK	710	23790	5	1	0	26.59	20.54	0.113
QPSK	710	23790	5	1	12	26.51	20.46	0.111
QPSK	710	23790	5	1	24	26.62	20.57	0.114
QPSK	710	23790	5	12	0	25.83	19.78	0.095
QPSK	710	23790	5	12	7	25.70	19.65	0.092
QPSK	710	23790	5	12	13	25.47	19.42	0.087
QPSK	710	23790	5	25	0	25.65	19.60	0.091
QPSK	713.5	23825	5	1	0	27.12	21.07	0.128
QPSK	713.5	23825	5	1	12	26.97	20.92	0.124
QPSK	713.5	23825	5	1	24	26.86	20.81	0.121
QPSK	713.5	23825	5	12	0	25.67	19.62	0.092
QPSK	713.5	23825	5	12	7	25.74	19.69	0.093
QPSK	713.5	23825	5	12	13	25.69	19.64	0.092
QPSK	713.5	23825	5	25	0	25.59	19.54	0.090

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	25.58	19.53	0.090
16QAM	706.5	23755	5	1	12	25.45	19.40	0.087
16QAM	706.5	23755	5	1	24	25.37	19.32	0.086
16QAM	706.5	23755	5	12	0	24.42	18.37	0.069
16QAM	706.5	23755	5	12	7	24.38	18.33	0.068
16QAM	706.5	23755	5	12	13	24.61	18.56	0.072
16QAM	706.5	23755	5	25	0	24.60	18.55	0.072
16QAM	710	23790	5	1	0	26.38	20.33	0.108
16QAM	710	23790	5	1	12	26.00	19.95	0.099
16QAM	710	23790	5	1	24	26.01	19.96	0.099
16QAM	710	23790	5	12	0	24.61	18.56	0.072
16QAM	710	23790	5	12	7	24.59	18.54	0.071
16QAM	710	23790	5	12	13	24.73	18.68	0.074
16QAM	710	23790	5	25	0	24.65	18.60	0.072
16QAM	713.5	23825	5	1	0	25.55	19.50	0.089
16QAM	713.5	23825	5	1	12	25.45	19.40	0.087
16QAM	713.5	23825	5	1	24	25.67	19.62	0.092
16QAM	713.5	23825	5	12	0	24.74	18.69	0.074
16QAM	713.5	23825	5	12	7	24.60	18.55	0.072
16QAM	713.5	23825	5	12	13	24.72	18.67	0.074
16QAM	713.5	23825	5	25	0	24.94	18.89	0.077
64QAM	706.5	23755	5	1	0	24.26	18.21	0.066
64QAM	706.5	23755	5	1	12	24.92	18.87	0.077
64QAM	706.5	23755	5	1	24	24.46	18.41	0.069
64QAM	706.5	23755	5	12	0	22.91	16.86	0.049
64QAM	706.5	23755	5	12	7	22.85	16.80	0.048
64QAM	706.5	23755	5	12	13	22.96	16.91	0.049
64QAM	706.5	23755	5	25	0	22.90	16.85	0.048
64QAM	710	23790	5	1	0	24.77	18.72	0.074
64QAM	710	23790	5	1	12	24.58	18.53	0.071
64QAM	710	23790	5	1	24	24.63	18.58	0.072
64QAM	710	23790	5	12	0	22.97	16.92	0.049
64QAM	710	23790	5	12	7	23.13	17.08	0.051
64QAM	710	23790	5	12	13	22.99	16.94	0.049
64QAM	710	23790	5	25	0	23.05	17.00	0.050
64QAM	713.5	23825	5	1	0	24.81	18.76	0.075
64QAM	713.5	23825	5	1	12	25.10	19.05	0.080
64QAM	713.5	23825	5	1	24	24.60	18.55	0.072
64QAM	713.5	23825	5	12	0	23.13	17.08	0.051
64QAM	713.5	23825	5	12	7	23.23	17.18	0.052
64QAM	713.5	23825	5	12	13	23.12	17.07	0.051
64QAM	713.5	23825	5	25	0	23.31	17.26	0.053

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	26.51	20.46	0.111
QPSK	709	23780	10	1	25	26.60	20.55	0.114
QPSK	709	23780	10	1	49	26.82	20.77	0.119
QPSK	709	23780	10	25	0	25.46	19.41	0.087
QPSK	709	23780	10	25	12	25.40	19.35	0.086
QPSK	709	23780	10	25	25	25.72	19.67	0.093
QPSK	709	23780	10	50	0	25.81	19.76	0.095
QPSK	710	23790	10	1	0	26.78	20.73	0.118
QPSK	710	23790	10	1	25	26.93	20.88	0.122
QPSK	710	23790	10	1	49	26.92	20.87	0.122
QPSK	710	23790	10	25	0	25.77	19.72	0.094
QPSK	710	23790	10	25	12	25.63	19.58	0.091
QPSK	710	23790	10	25	25	25.58	19.53	0.090
QPSK	710	23790	10	50	0	25.56	19.51	0.089
QPSK	711	23800	10	1	0	26.72	20.67	0.117
QPSK	711	23800	10	1	25	26.90	20.85	0.122
QPSK	711	23800	10	1	49	26.68	20.63	0.116
QPSK	711	23800	10	25	0	25.55	19.50	0.089
QPSK	711	23800	10	25	12	25.53	19.48	0.089
QPSK	711	23800	10	25	25	25.58	19.53	0.090
QPSK	711	23800	10	50	0	25.62	19.57	0.091

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	25.37	19.32	0.086
16QAM	709	23780	10	1	25	25.99	19.94	0.099
16QAM	709	23780	10	1	49	25.86	19.81	0.096
16QAM	709	23780	10	25	0	24.36	18.31	0.068
16QAM	709	23780	10	25	12	24.56	18.51	0.071
16QAM	709	23780	10	25	25	24.53	18.48	0.070
16QAM	709	23780	10	50	0	24.75	18.70	0.074
16QAM	710	23790	10	1	0	25.28	19.23	0.084
16QAM	710	23790	10	1	25	26.13	20.08	0.102
16QAM	710	23790	10	1	49	25.65	19.60	0.091
16QAM	710	23790	10	25	0	24.81	18.76	0.075
16QAM	710	23790	10	25	12	24.71	18.66	0.073
16QAM	710	23790	10	25	25	24.77	18.72	0.074
16QAM	710	23790	10	50	0	24.72	18.67	0.074
16QAM	711	23800	10	1	0	25.37	19.32	0.086
16QAM	711	23800	10	1	25	25.52	19.47	0.089
16QAM	711	23800	10	1	49	25.48	19.43	0.088
16QAM	711	23800	10	25	0	25.00	18.95	0.079
16QAM	711	23800	10	25	12	24.93	18.88	0.077
16QAM	711	23800	10	25	25	24.81	18.76	0.075
16QAM	711	23800	10	50	0	24.80	18.75	0.075
64QAM	709	23780	10	1	0	24.07	18.02	0.063
64QAM	709	23780	10	1	25	24.42	18.37	0.069
64QAM	709	23780	10	1	49	23.90	17.85	0.061
64QAM	709	23780	10	25	0	22.65	16.60	0.046
64QAM	709	23780	10	25	12	22.87	16.82	0.048
64QAM	709	23780	10	25	25	23.13	17.08	0.051
64QAM	709	23780	10	50	0	22.98	16.93	0.049
64QAM	710	23790	10	1	0	24.25	18.20	0.066
64QAM	710	23790	10	1	25	24.98	18.93	0.078
64QAM	710	23790	10	1	49	25.01	18.96	0.079
64QAM	710	23790	10	25	0	23.05	17.00	0.050
64QAM	710	23790	10	25	12	23.11	17.06	0.051
64QAM	710	23790	10	25	25	23.05	17.00	0.050
64QAM	710	23790	10	50	0	23.09	17.04	0.051
64QAM	711	23800	10	1	0	24.42	18.37	0.069
64QAM	711	23800	10	1	25	24.58	18.53	0.071
64QAM	711	23800	10	1	49	24.53	18.48	0.070
64QAM	711	23800	10	25	0	22.96	16.91	0.049
64QAM	711	23800	10	25	12	22.96	16.91	0.049
64QAM	711	23800	10	25	25	23.01	16.96	0.050
64QAM	711	23800	10	50	0	23.12	17.07	0.051