

Fig.5

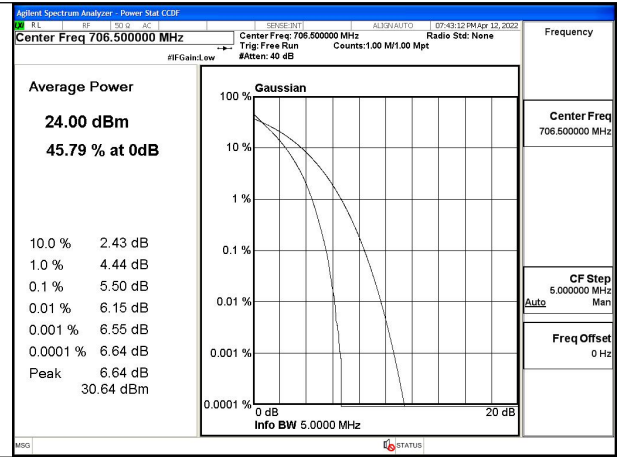


Fig.6

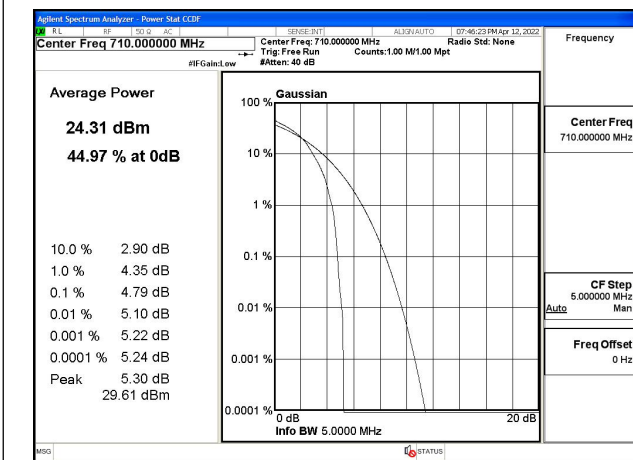


Fig.7

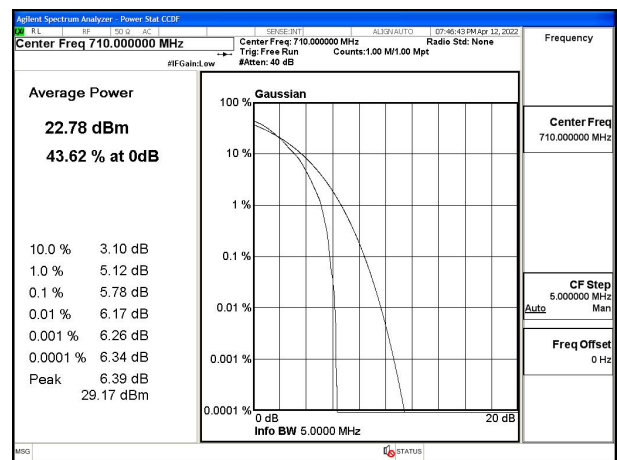


Fig.8

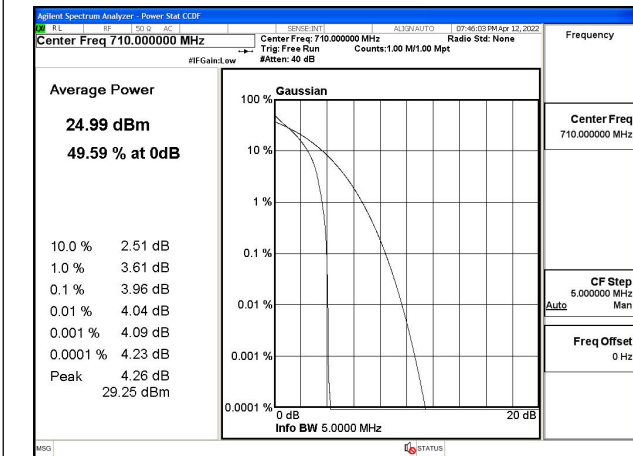


Fig.9

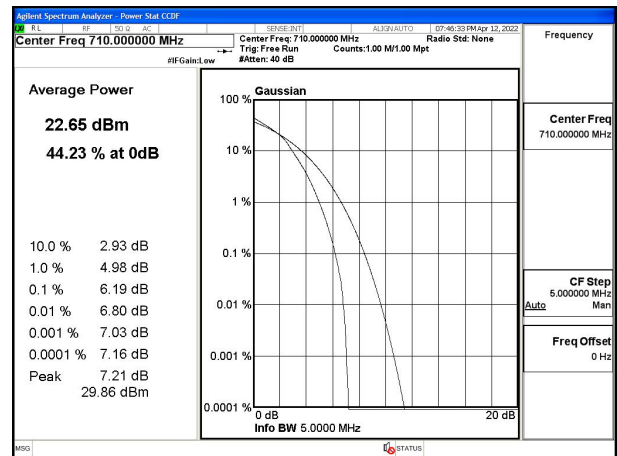


Fig.10

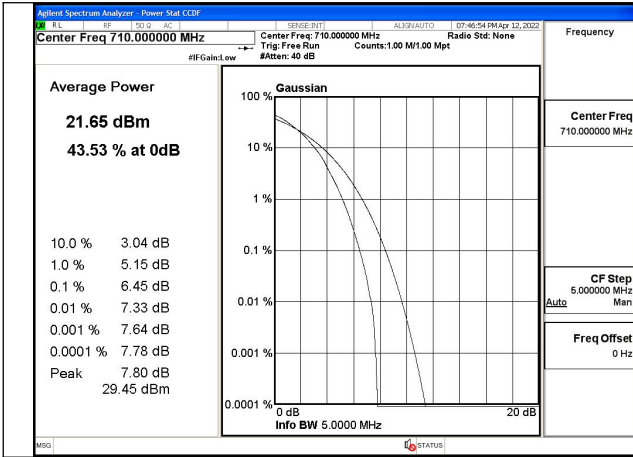


Fig.11

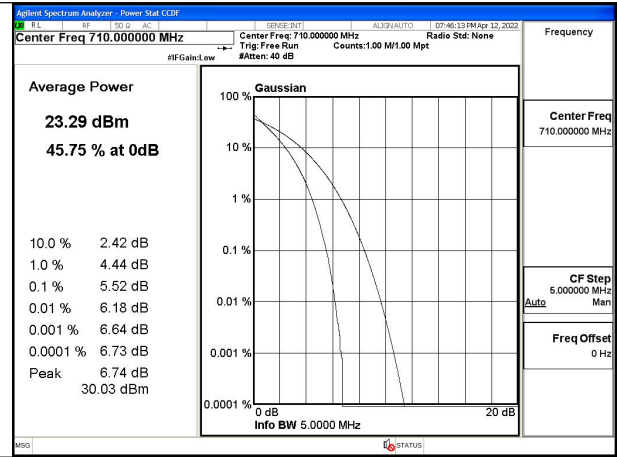


Fig.12

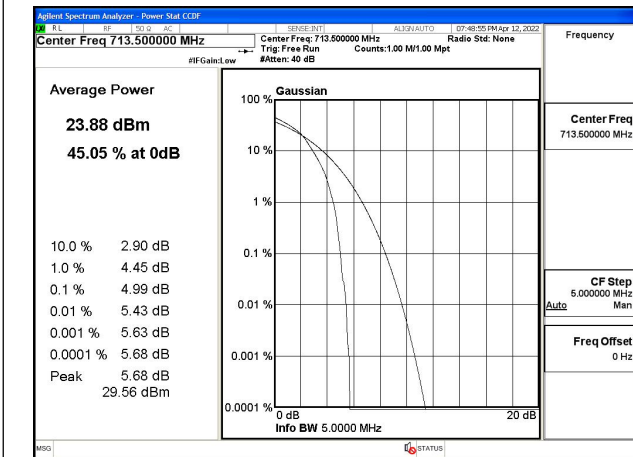


Fig.13

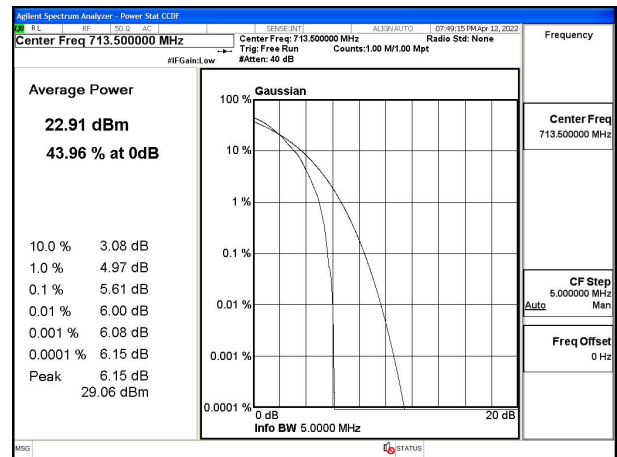


Fig.14

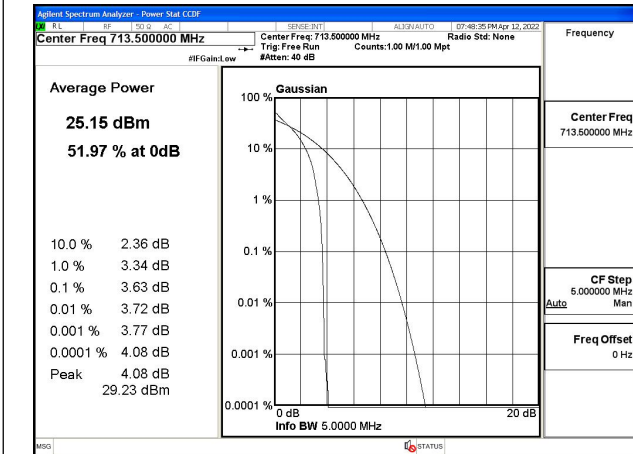


Fig.15

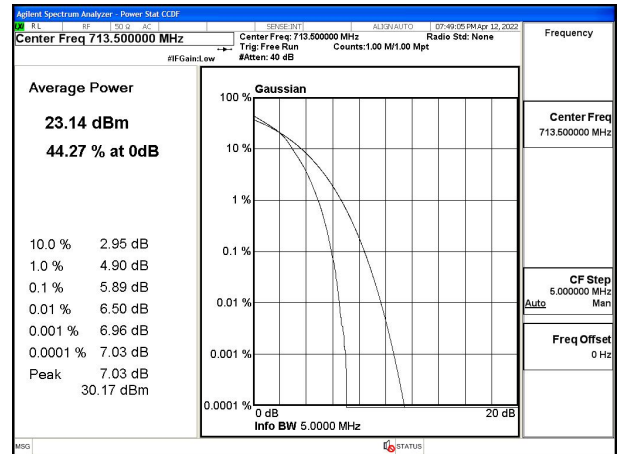


Fig.16

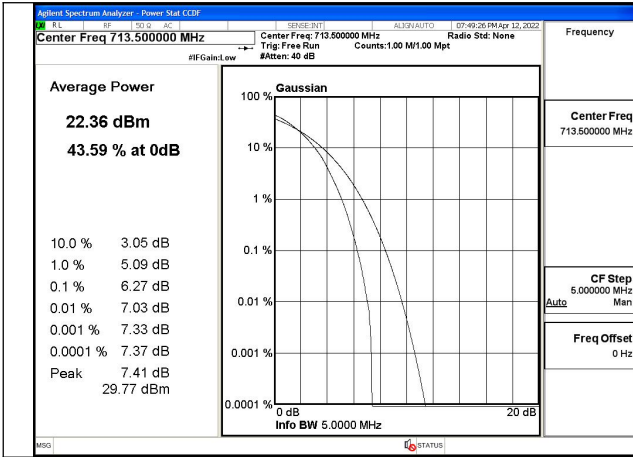


Fig.17

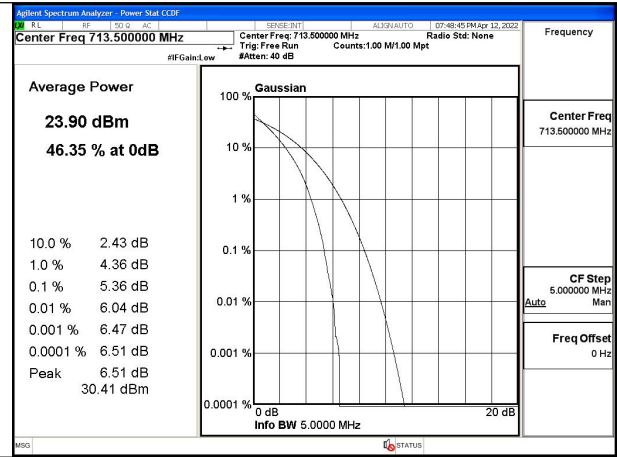


Fig.18

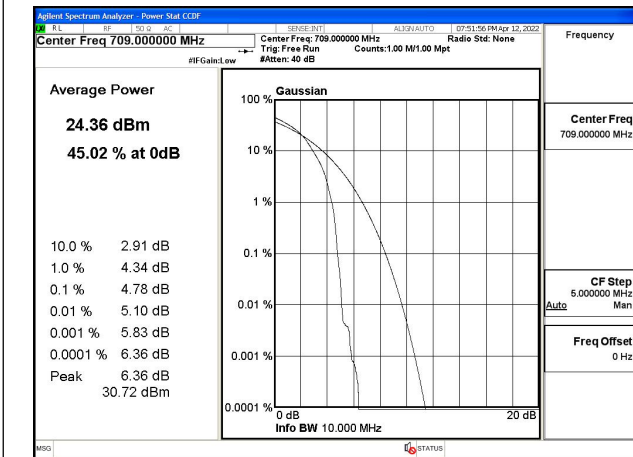


Fig.19

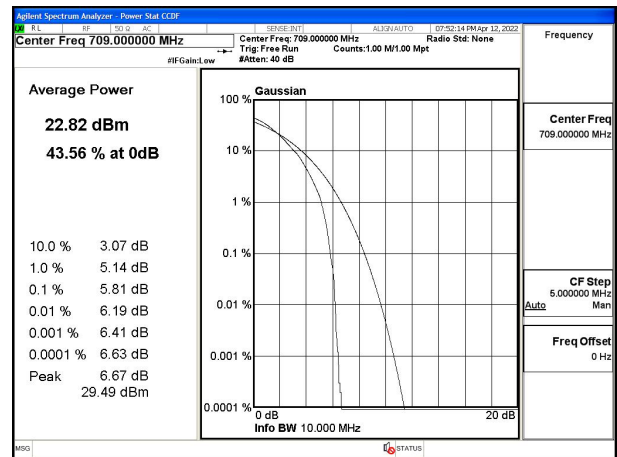


Fig.20

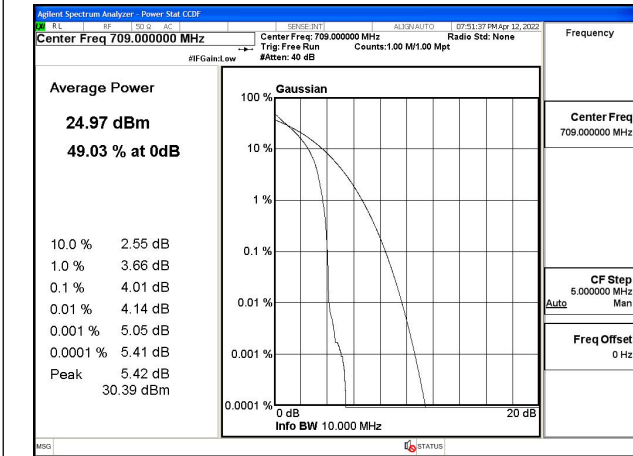


Fig.21

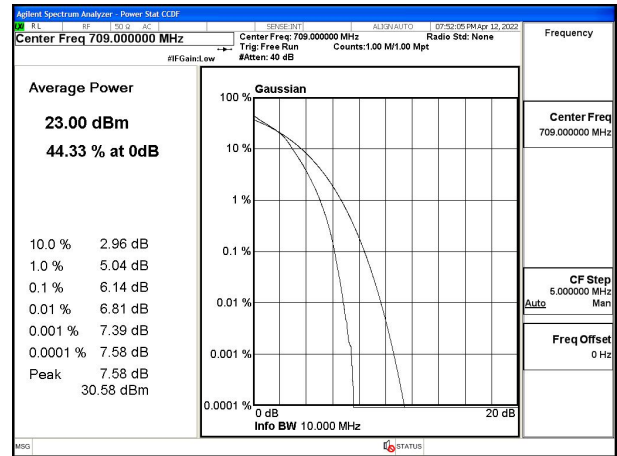


Fig.22

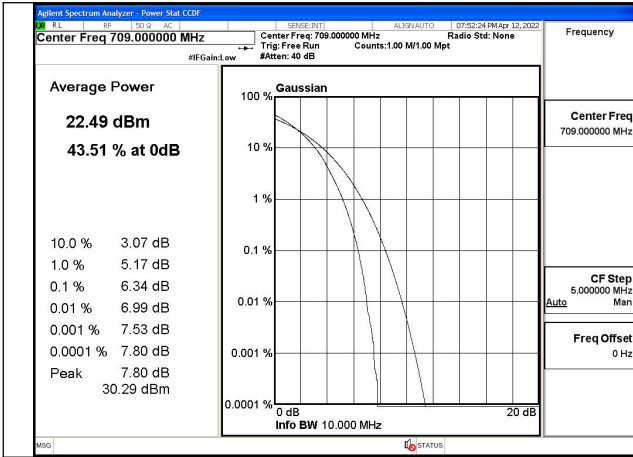


Fig.23

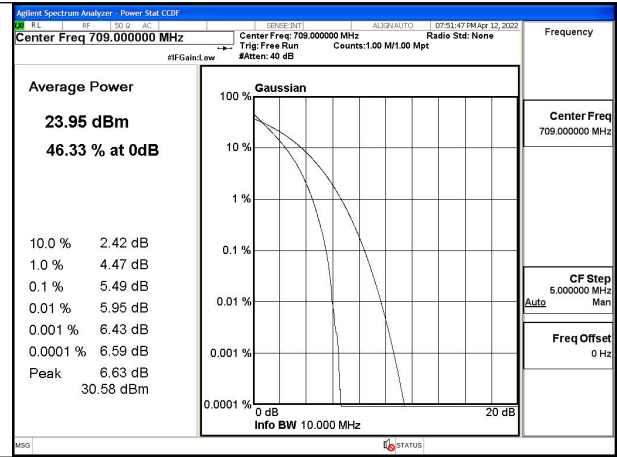


Fig.24

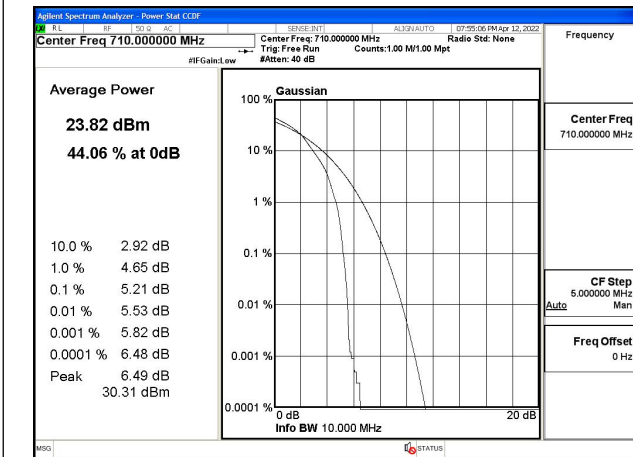


Fig.25

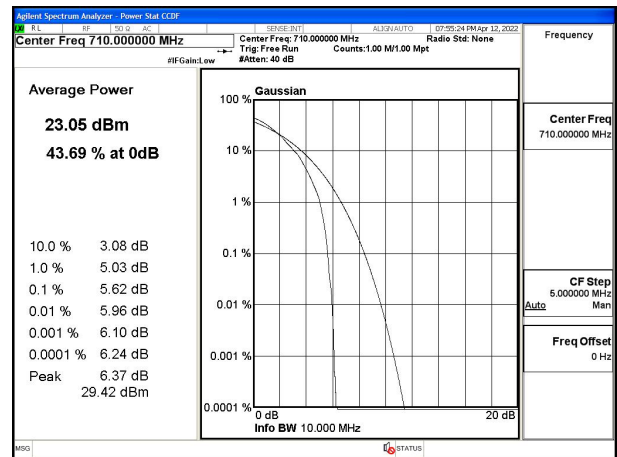


Fig.26

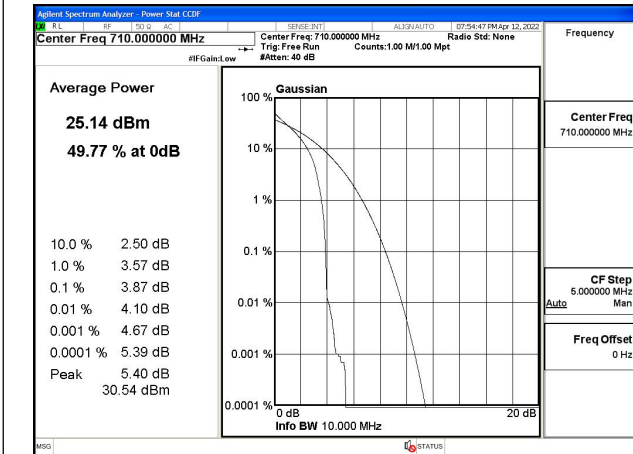


Fig.27

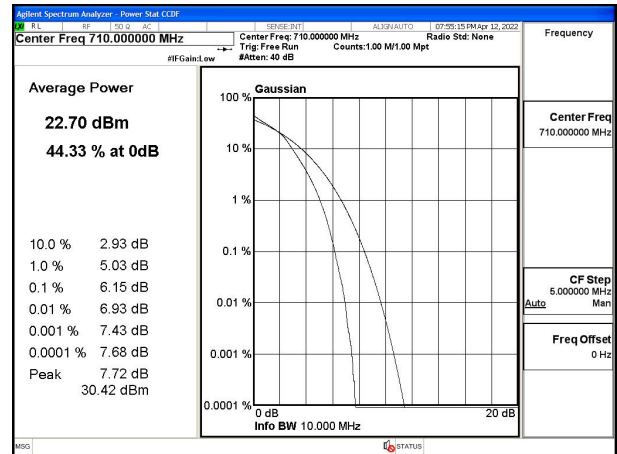


Fig.28

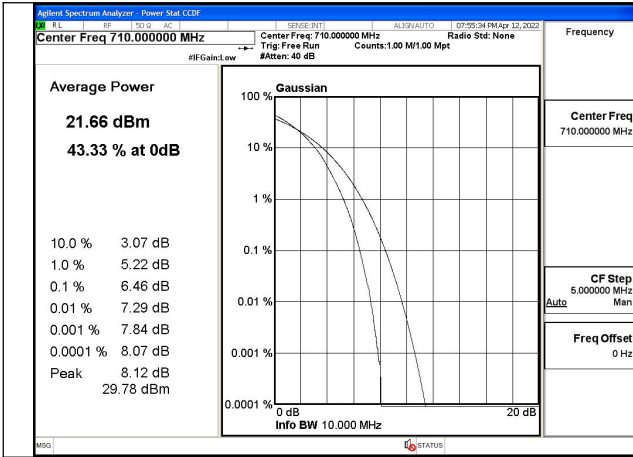


Fig.29

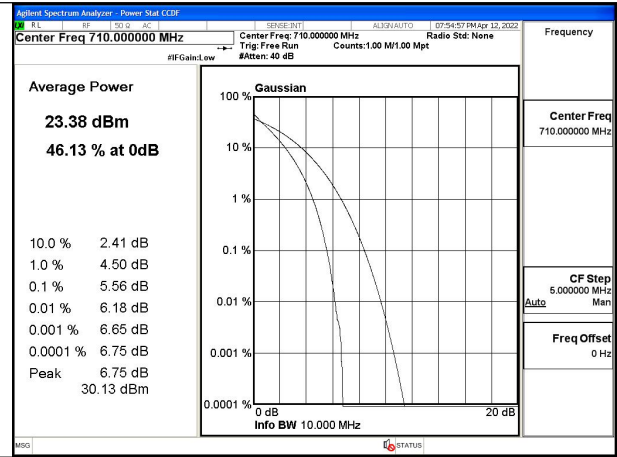


Fig.30

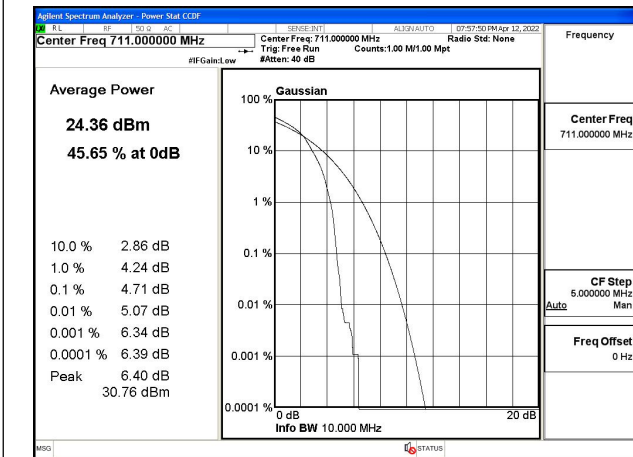


Fig.31

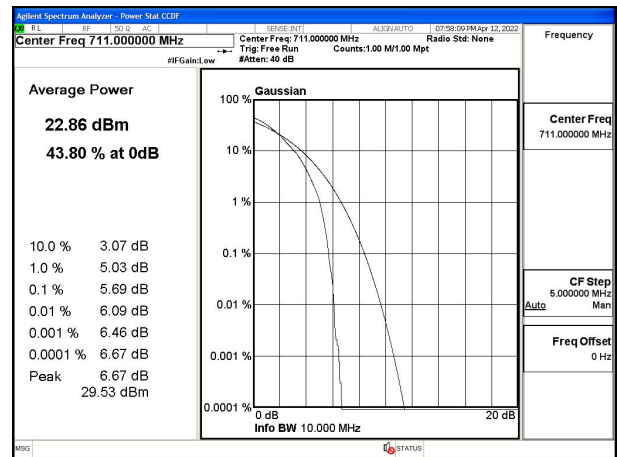


Fig.32

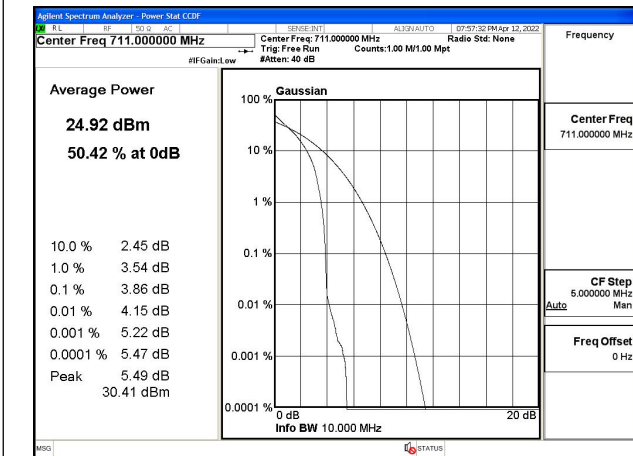


Fig.33

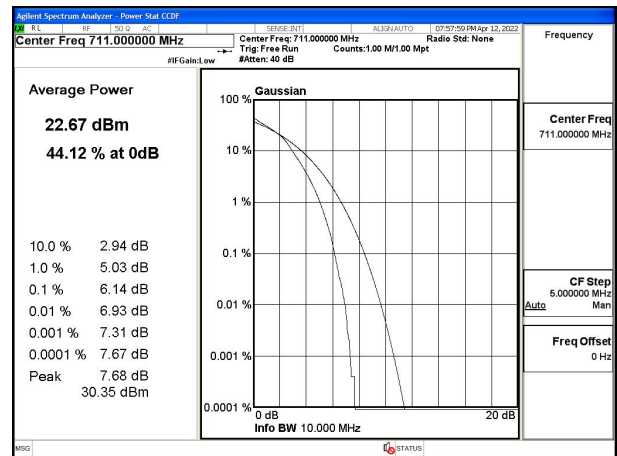


Fig.34

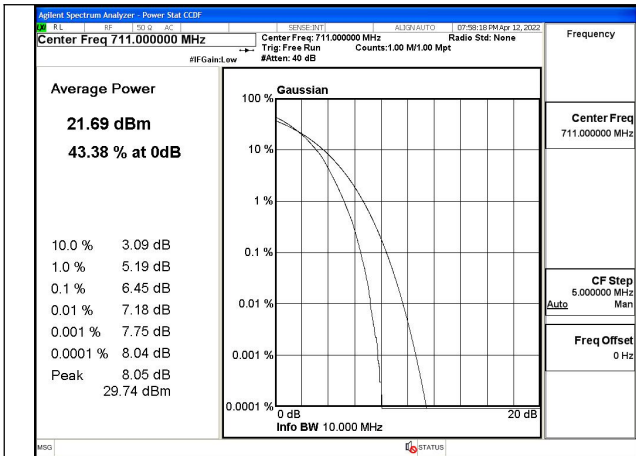


Fig.35

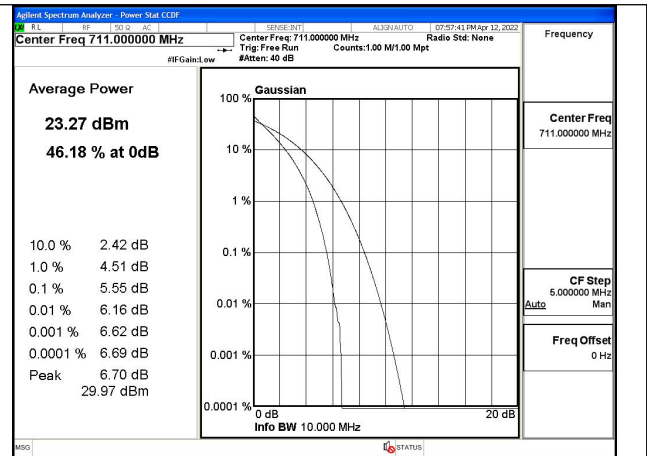


Fig.36

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

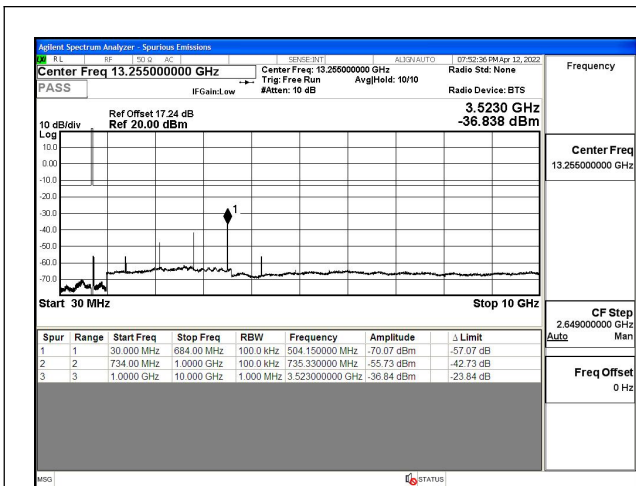


Fig.1

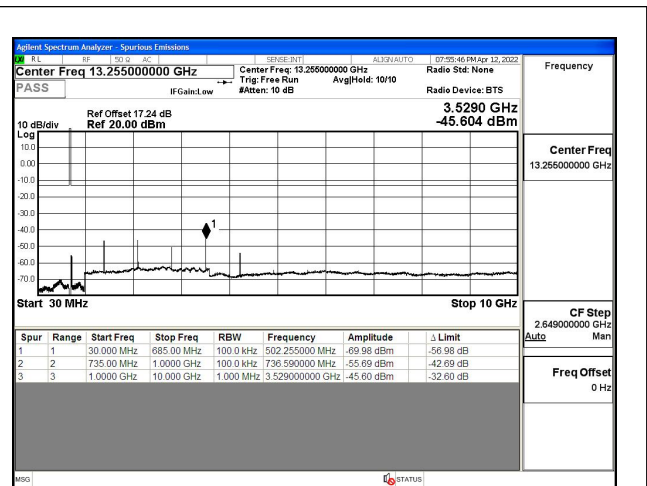


Fig.2

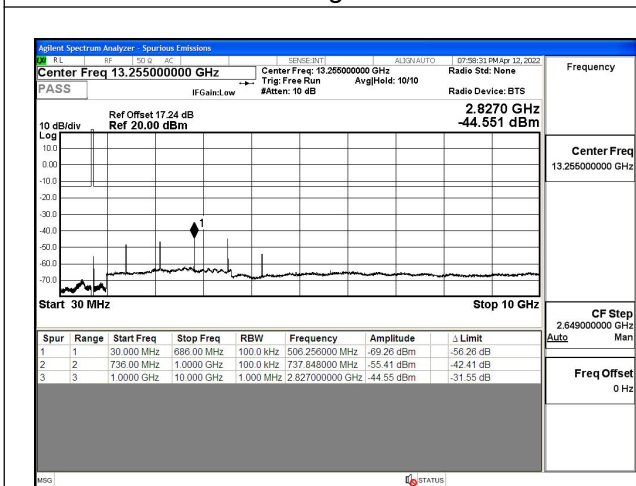


Fig.3

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

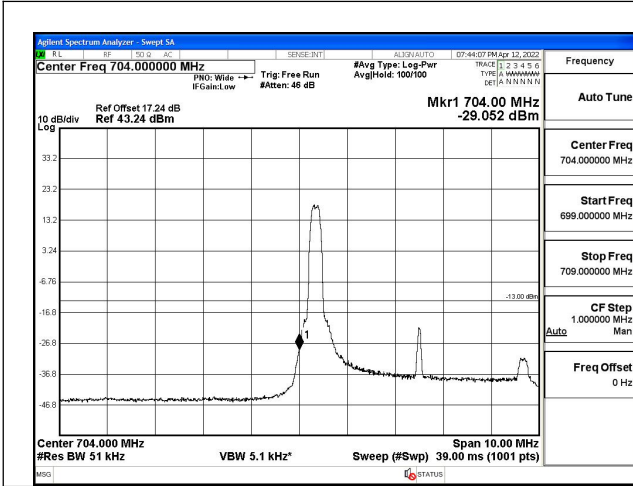


Fig.1

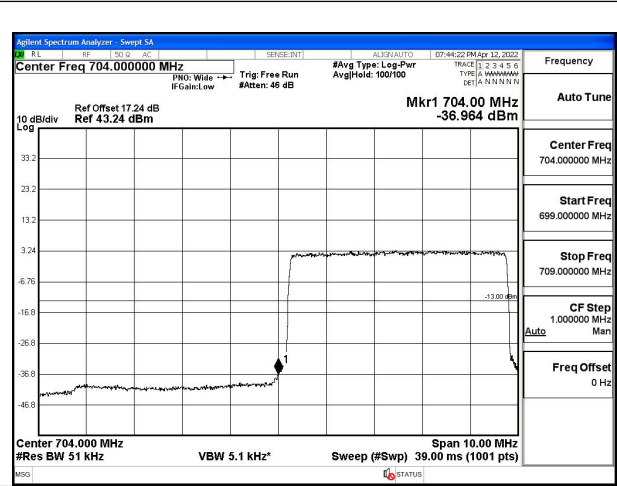


Fig.2

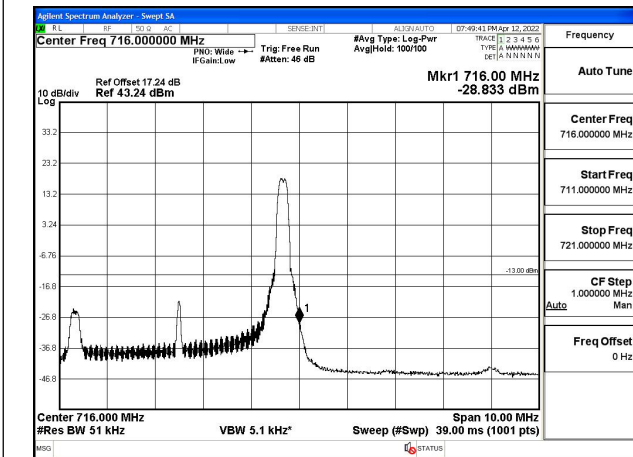


Fig.3

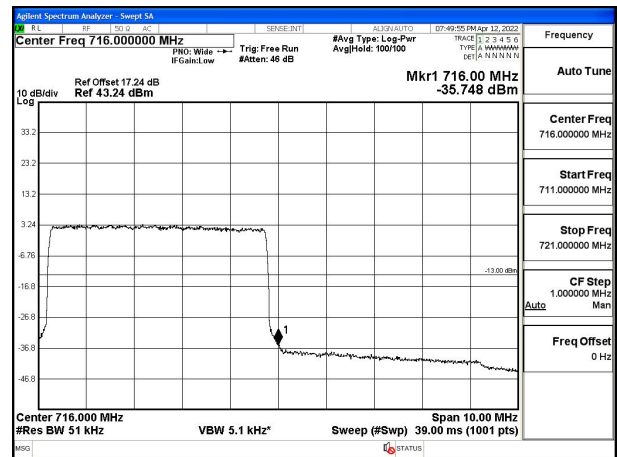


Fig.4

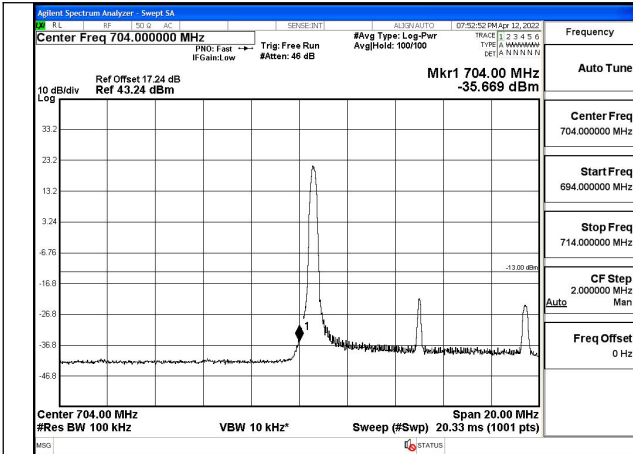


Fig.5

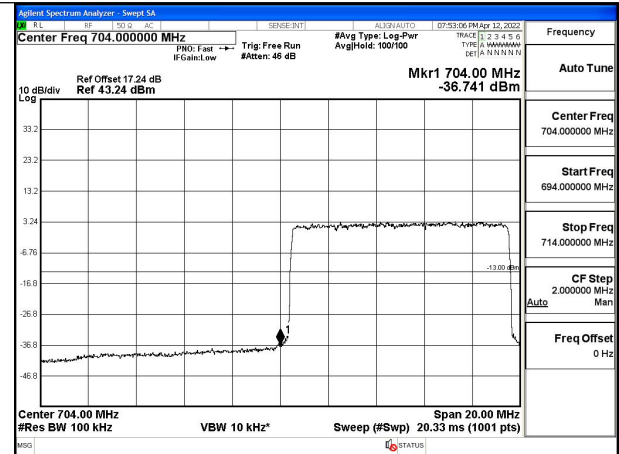


Fig.6

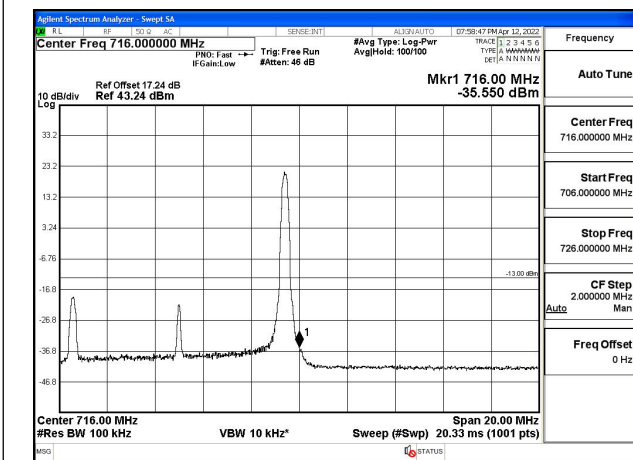


Fig.7

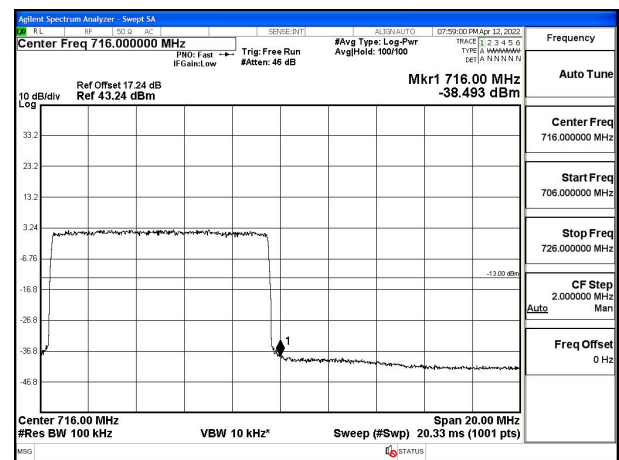


Fig.8

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band 17 Low Channel QPSK	
		5M	10M
-20	NV	0.061	0.068
-10	NV	0.020	0.021
0	NV	0.038	0.050
+10	NV	-0.053	-0.034
+20	NV	-0.048	-0.055
+30	NV	0.044	-0.068
+40	NV	-0.042	-0.055
+50	NV	-0.004	-0.005
+55	NV	-0.034	-0.005
+20	LV	-0.016	-0.052
+20	HV	-0.023	-0.068

Temperature(°C)	Voltage	Test Result (ppm) Band 17 High Channel QPSK	
		5M	10M
-20	NV	0.041	0.035
-10	NV	0.063	-0.002
0	NV	0.031	0.053
+10	NV	-0.053	-0.062
+20	NV	-0.041	-0.063
+30	NV	-0.070	-0.053
+40	NV	-0.030	-0.010
+50	NV	0.031	0.024
+55	NV	-0.032	0.019
+20	LV	-0.063	-0.061
+20	HV	-0.051	-0.035

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	24.44	19.59	0.091
QPSK	706.5	23755	5	1	12	24.80	19.95	0.099
QPSK	706.5	23755	5	1	24	24.84	19.99	0.100
QPSK	706.5	23755	5	12	0	23.94	19.09	0.081
QPSK	706.5	23755	5	12	7	23.75	18.90	0.078
QPSK	706.5	23755	5	12	13	23.77	18.92	0.078
QPSK	706.5	23755	5	25	0	23.72	18.87	0.077
QPSK	710	23790	5	1	0	24.82	19.97	0.099
QPSK	710	23790	5	1	12	23.98	19.13	0.082
QPSK	710	23790	5	1	24	24.78	19.93	0.098
QPSK	710	23790	5	12	0	23.80	18.95	0.079
QPSK	710	23790	5	12	7	23.06	18.21	0.066
QPSK	710	23790	5	12	13	23.67	18.82	0.076
QPSK	710	23790	5	25	0	23.16	18.31	0.068
QPSK	713.5	23825	5	1	0	24.98	20.13	0.103
QPSK	713.5	23825	5	1	12	24.95	20.10	0.102
QPSK	713.5	23825	5	1	24	24.99	20.14	0.103
QPSK	713.5	23825	5	12	0	23.81	18.96	0.079
QPSK	713.5	23825	5	12	7	23.83	18.98	0.079
QPSK	713.5	23825	5	12	13	23.80	18.95	0.079
QPSK	713.5	23825	5	25	0	23.65	18.80	0.076

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	23.70	18.85	0.077
16QAM	706.5	23755	5	1	12	23.57	18.72	0.074
16QAM	706.5	23755	5	1	24	23.76	18.91	0.078
16QAM	706.5	23755	5	12	0	22.86	18.01	0.063
16QAM	706.5	23755	5	12	7	22.99	18.14	0.065
16QAM	706.5	23755	5	12	13	22.81	17.96	0.063
16QAM	706.5	23755	5	25	0	23.09	18.24	0.067
16QAM	710	23790	5	1	0	24.15	19.30	0.085
16QAM	710	23790	5	1	12	23.78	18.93	0.078
16QAM	710	23790	5	1	24	24.27	19.42	0.087
16QAM	710	23790	5	12	0	22.63	17.78	0.060
16QAM	710	23790	5	12	7	22.50	17.65	0.058
16QAM	710	23790	5	12	13	22.79	17.94	0.062
16QAM	710	23790	5	25	0	22.55	17.70	0.059
16QAM	713.5	23825	5	1	0	23.47	18.62	0.073
16QAM	713.5	23825	5	1	12	23.58	18.73	0.075
16QAM	713.5	23825	5	1	24	23.23	18.38	0.069
16QAM	713.5	23825	5	12	0	22.61	17.76	0.060
16QAM	713.5	23825	5	12	7	22.65	17.80	0.060
16QAM	713.5	23825	5	12	13	22.79	17.94	0.062
16QAM	713.5	23825	5	25	0	22.94	18.09	0.064
64QAM	706.5	23755	5	1	0	23.10	18.25	0.067
64QAM	706.5	23755	5	1	12	22.78	17.93	0.062
64QAM	706.5	23755	5	1	24	22.77	17.92	0.062
64QAM	706.5	23755	5	12	0	22.16	17.31	0.054
64QAM	706.5	23755	5	12	7	22.22	17.37	0.055
64QAM	706.5	23755	5	12	13	22.18	17.33	0.054
64QAM	706.5	23755	5	25	0	22.00	17.15	0.052
64QAM	710	23790	5	1	0	22.96	18.11	0.065
64QAM	710	23790	5	1	12	22.67	17.82	0.061
64QAM	710	23790	5	1	24	21.89	17.04	0.051
64QAM	710	23790	5	12	0	22.00	17.15	0.052
64QAM	710	23790	5	12	7	21.51	16.66	0.046
64QAM	710	23790	5	12	13	22.21	17.36	0.054
64QAM	710	23790	5	25	0	21.70	16.85	0.048
64QAM	713.5	23825	5	1	0	22.95	18.10	0.065
64QAM	713.5	23825	5	1	12	22.17	17.32	0.054
64QAM	713.5	23825	5	1	24	22.80	17.95	0.062
64QAM	713.5	23825	5	12	0	22.13	17.28	0.053
64QAM	713.5	23825	5	12	7	22.27	17.42	0.055
64QAM	713.5	23825	5	12	13	22.00	17.15	0.052
64QAM	713.5	23825	5	25	0	22.12	17.27	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	24.90	20.05	0.101
QPSK	709	23780	10	1	25	24.80	19.95	0.099
QPSK	709	23780	10	1	49	24.72	19.87	0.097
QPSK	709	23780	10	25	0	23.71	18.86	0.077
QPSK	709	23780	10	25	12	23.66	18.81	0.076
QPSK	709	23780	10	25	25	23.76	18.91	0.078
QPSK	709	23780	10	50	0	23.72	18.87	0.077
QPSK	710	23790	10	1	0	25.10	20.25	0.106
QPSK	710	23790	10	1	25	24.35	19.50	0.089
QPSK	710	23790	10	1	49	24.94	20.09	0.102
QPSK	710	23790	10	25	0	23.81	18.96	0.079
QPSK	710	23790	10	25	12	23.03	18.18	0.066
QPSK	710	23790	10	25	25	23.65	18.80	0.076
QPSK	710	23790	10	50	0	23.16	18.31	0.068
QPSK	711	23800	10	1	0	24.86	20.01	0.100
QPSK	711	23800	10	1	25	24.03	19.18	0.083
QPSK	711	23800	10	1	49	24.81	19.96	0.099
QPSK	711	23800	10	25	0	23.72	18.87	0.077
QPSK	711	23800	10	25	12	23.23	18.38	0.069
QPSK	711	23800	10	25	25	23.67	18.82	0.076
QPSK	711	23800	10	50	0	23.06	18.21	0.066

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	24.74	19.89	0.097
16QAM	709	23780	10	1	25	24.60	19.75	0.094
16QAM	709	23780	10	1	49	24.46	19.61	0.091
16QAM	709	23780	10	25	0	22.80	17.95	0.062
16QAM	709	23780	10	25	12	22.75	17.90	0.062
16QAM	709	23780	10	25	25	22.60	17.75	0.060
16QAM	709	23780	10	50	0	22.88	18.03	0.064
16QAM	710	23790	10	1	0	23.66	18.81	0.076
16QAM	710	23790	10	1	25	23.16	18.31	0.068
16QAM	710	23790	10	1	49	23.45	18.60	0.072
16QAM	710	23790	10	25	0	22.98	18.13	0.065
16QAM	710	23790	10	25	12	22.57	17.72	0.059
16QAM	710	23790	10	25	25	23.03	18.18	0.066
16QAM	710	23790	10	50	0	22.48	17.63	0.058
16QAM	711	23800	10	1	0	24.02	19.17	0.083
16QAM	711	23800	10	1	25	23.04	18.19	0.066
16QAM	711	23800	10	1	49	24.07	19.22	0.084
16QAM	711	23800	10	25	0	22.72	17.87	0.061
16QAM	711	23800	10	25	12	22.38	17.53	0.057
16QAM	711	23800	10	25	25	22.55	17.70	0.059
16QAM	711	23800	10	50	0	22.40	17.55	0.057
64QAM	709	23780	10	1	0	23.36	18.51	0.071
64QAM	709	23780	10	1	25	22.81	17.96	0.063
64QAM	709	23780	10	1	49	22.36	17.51	0.056
64QAM	709	23780	10	25	0	22.19	17.34	0.054
64QAM	709	23780	10	25	12	22.14	17.29	0.054
64QAM	709	23780	10	25	25	22.02	17.17	0.052
64QAM	709	23780	10	50	0	22.31	17.46	0.056
64QAM	710	23790	10	1	0	23.08	18.23	0.067
64QAM	710	23790	10	1	25	22.69	17.84	0.061
64QAM	710	23790	10	1	49	23.02	18.17	0.066
64QAM	710	23790	10	25	0	22.18	17.33	0.054
64QAM	710	23790	10	25	12	21.77	16.92	0.049
64QAM	710	23790	10	25	25	22.15	17.30	0.054
64QAM	710	23790	10	50	0	21.57	16.72	0.047
64QAM	711	23800	10	1	0	22.66	17.81	0.060
64QAM	711	23800	10	1	25	22.17	17.32	0.054
64QAM	711	23800	10	1	49	22.67	17.82	0.061
64QAM	711	23800	10	25	0	22.14	17.29	0.054
64QAM	711	23800	10	25	12	21.27	16.42	0.044
64QAM	711	23800	10	25	25	22.12	17.27	0.053
64QAM	711	23800	10	50	0	21.47	16.62	0.046