

Fig.5

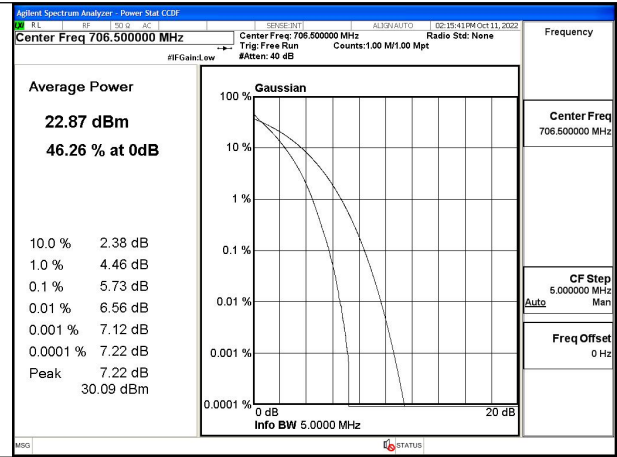


Fig.6

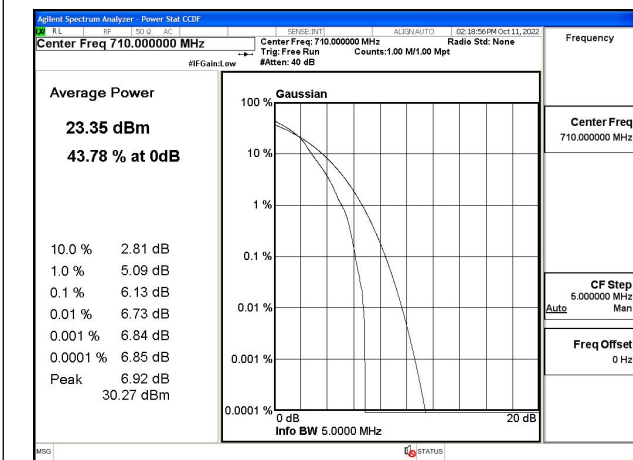


Fig.7

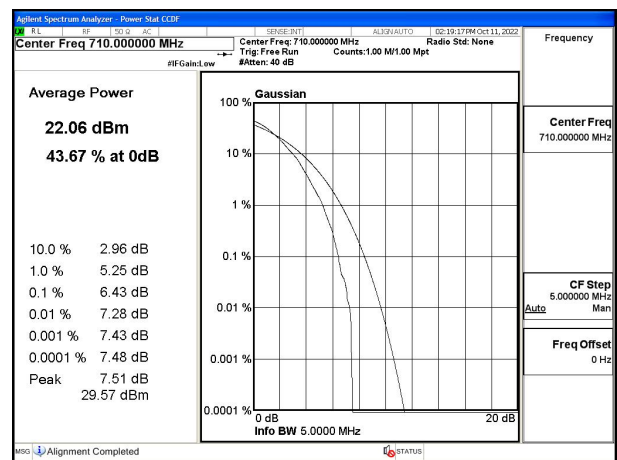


Fig.8

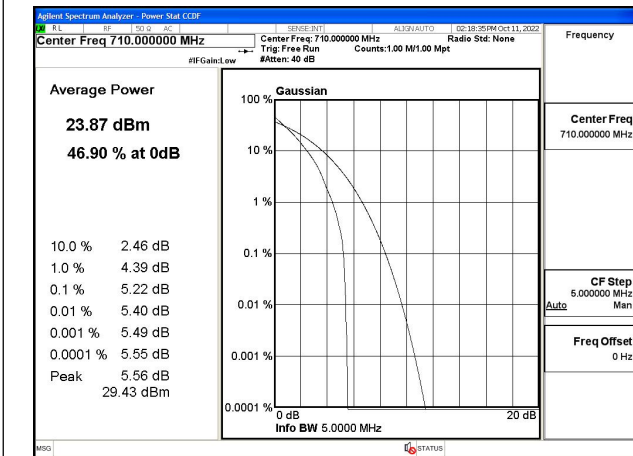


Fig.9

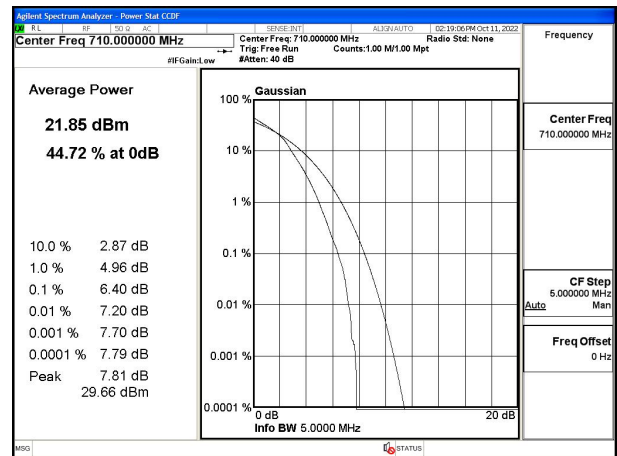


Fig.10

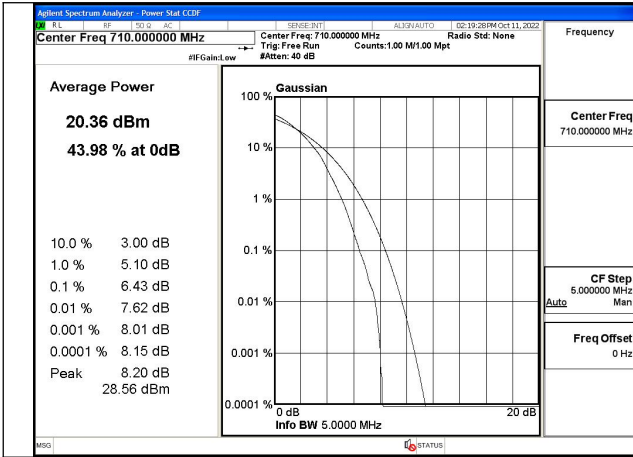


Fig. 11

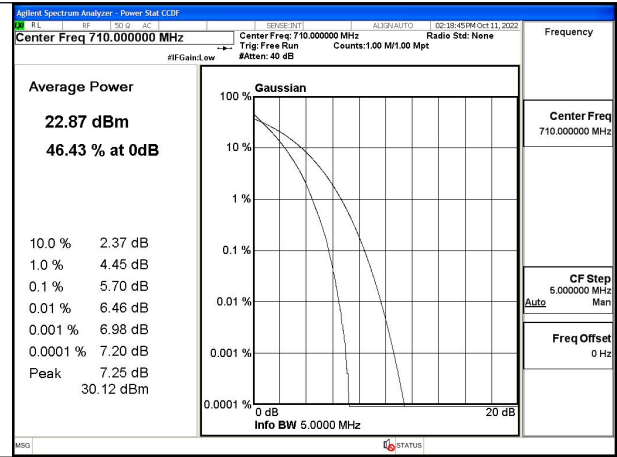


Fig. 12

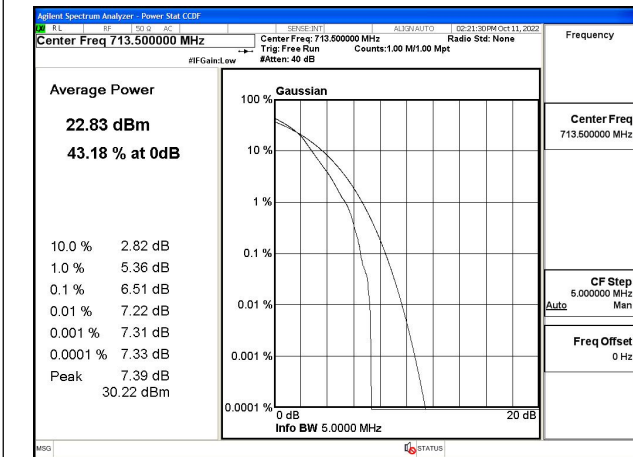


Fig. 13

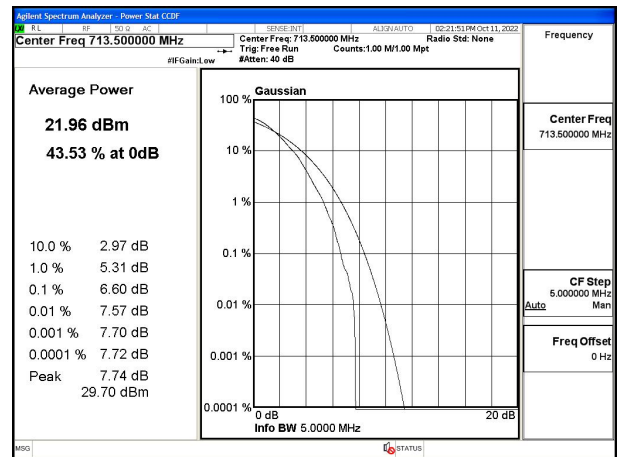


Fig. 14

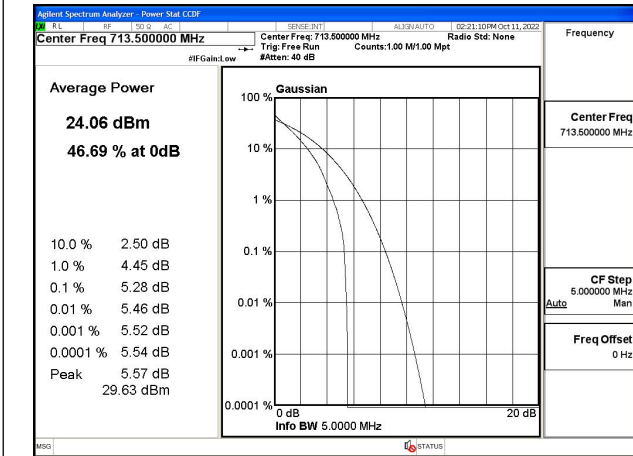


Fig. 15

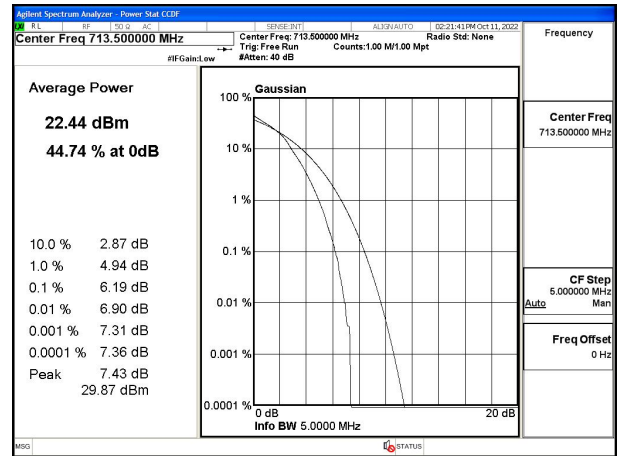


Fig. 16

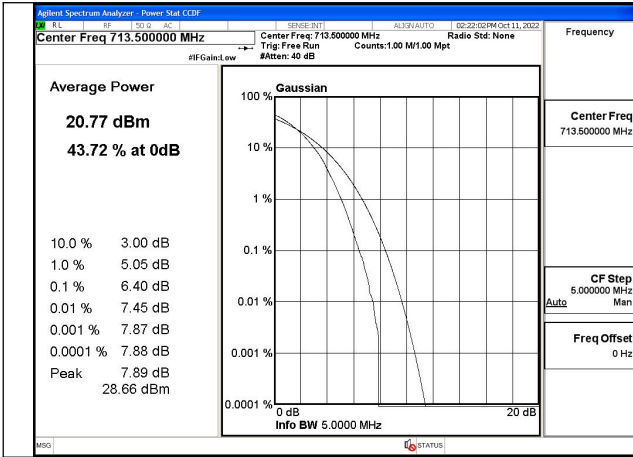


Fig.17

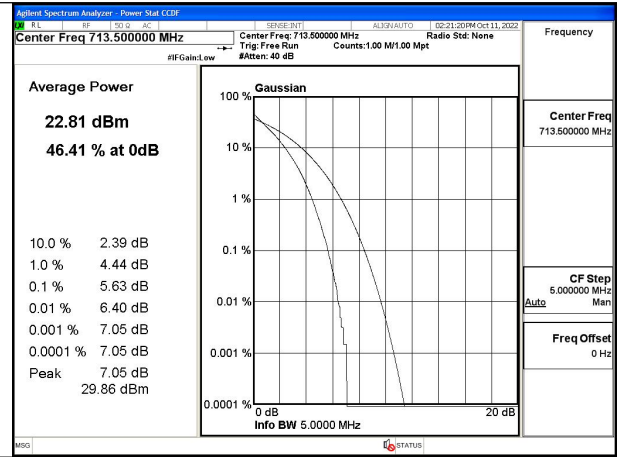


Fig.18

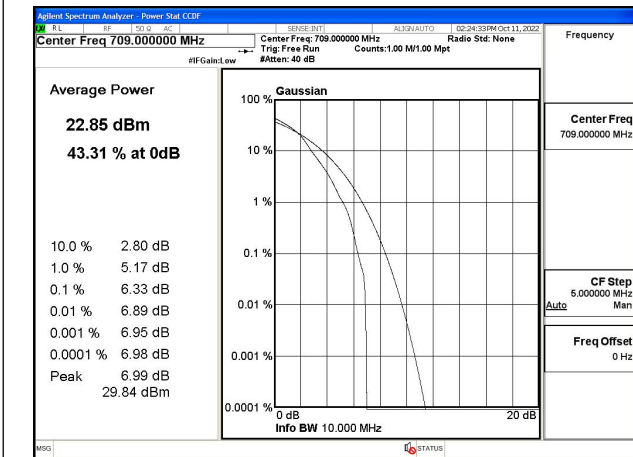


Fig.19

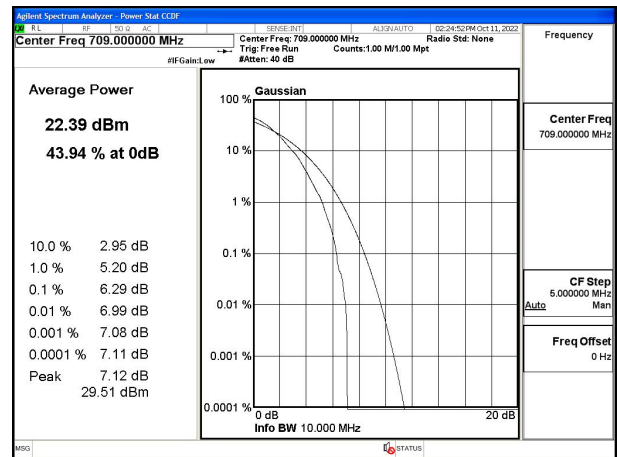


Fig.20

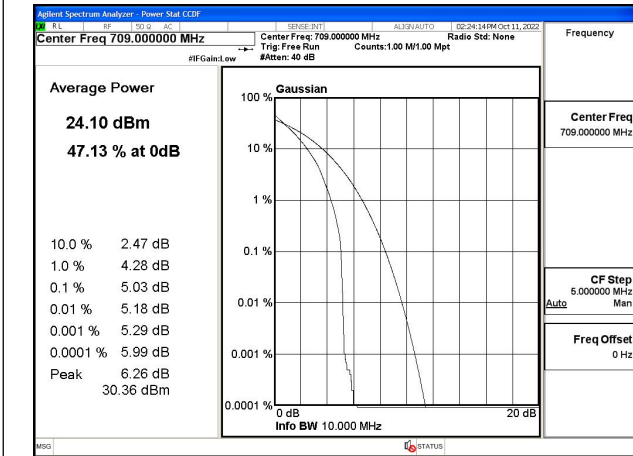


Fig.21

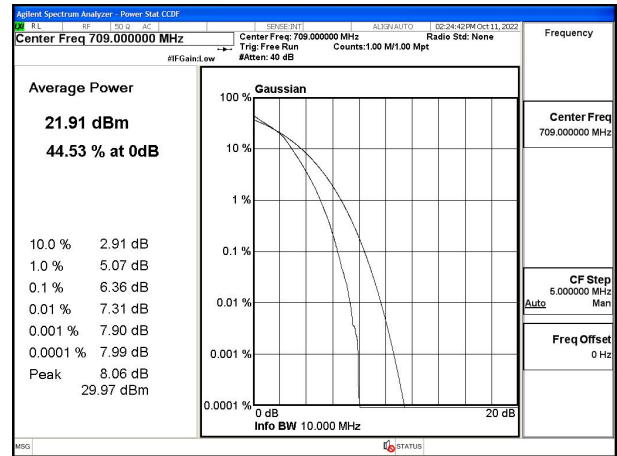


Fig.22

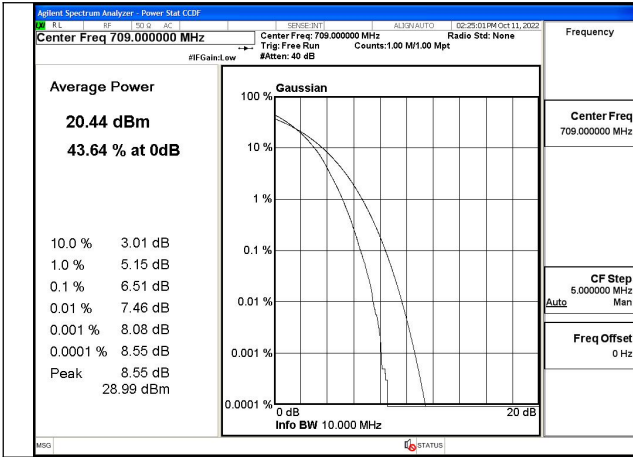


Fig.23

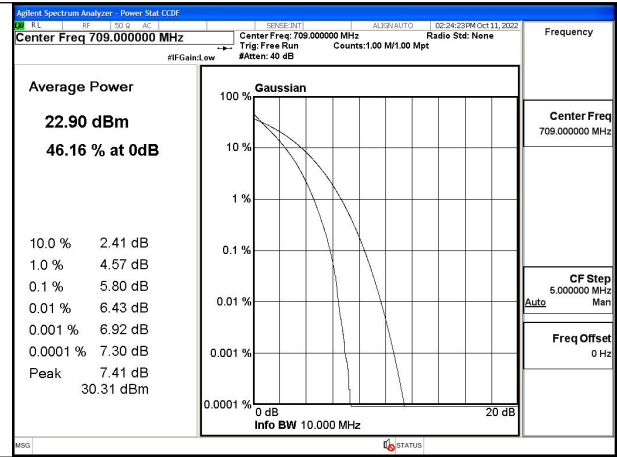


Fig.24

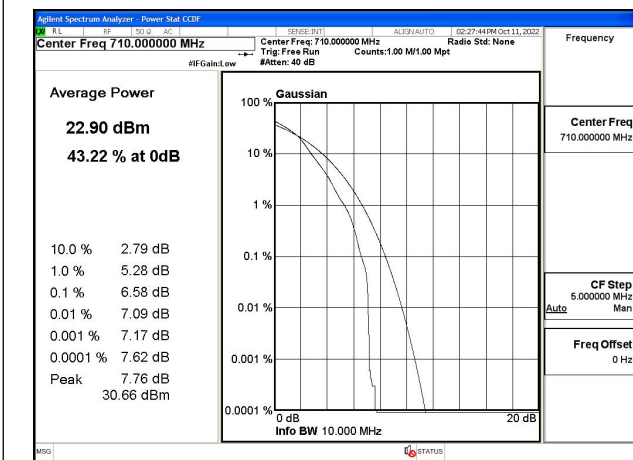


Fig.25

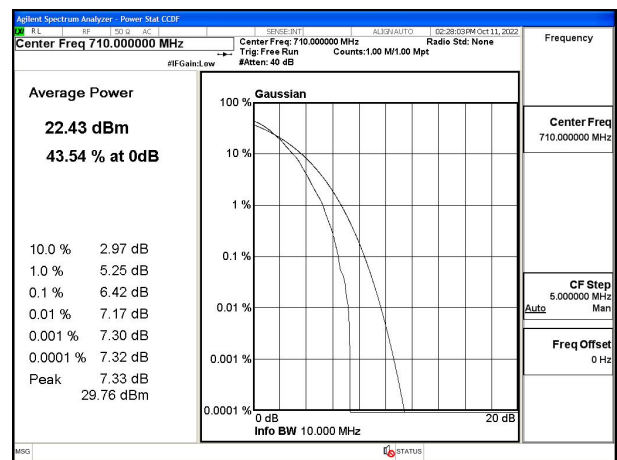


Fig.26

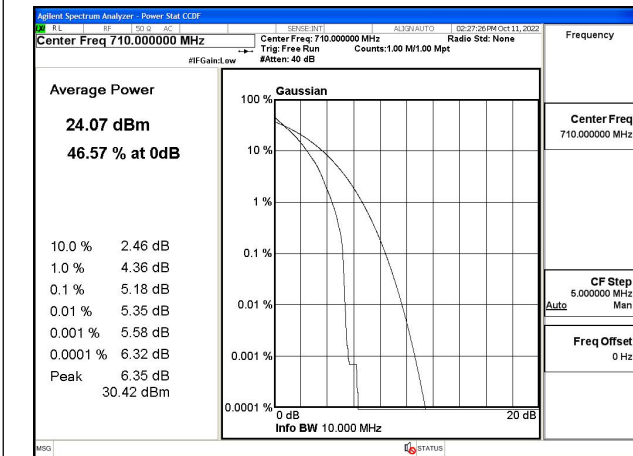


Fig.27

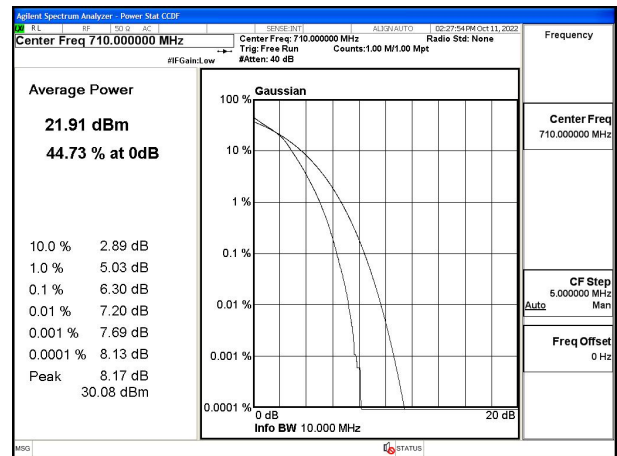


Fig.28

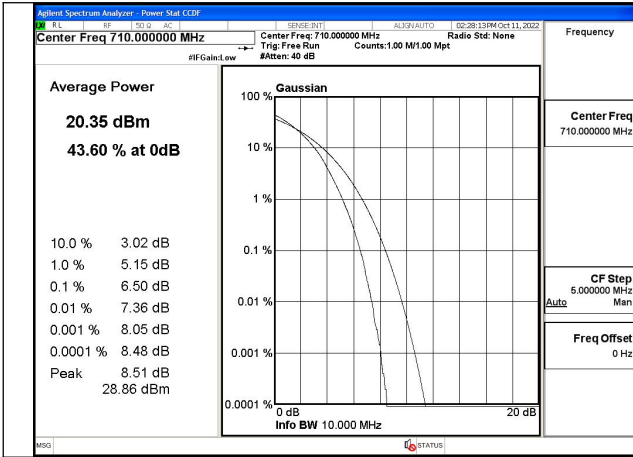


Fig.29

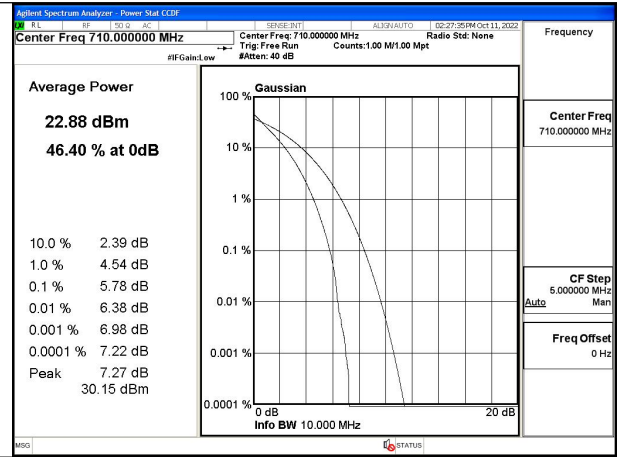


Fig.30

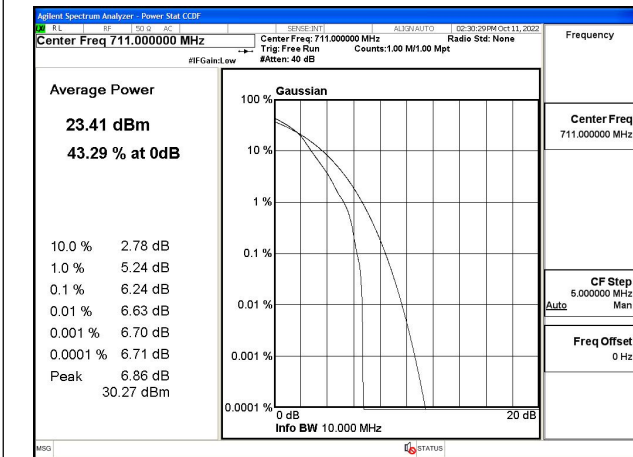


Fig.31

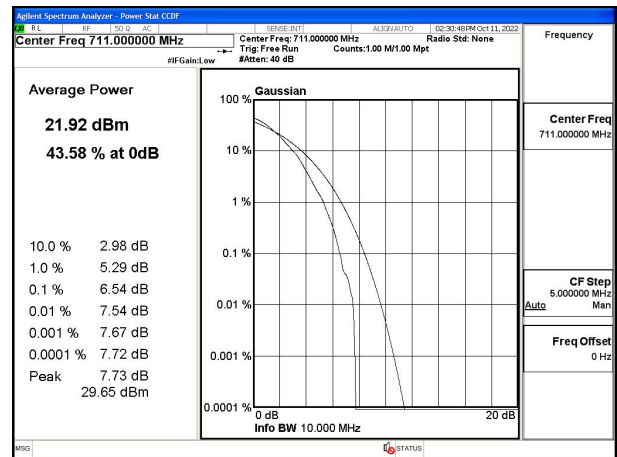


Fig.32

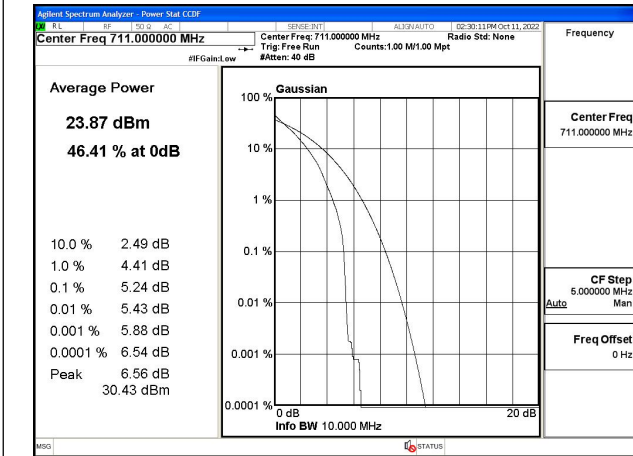


Fig.33

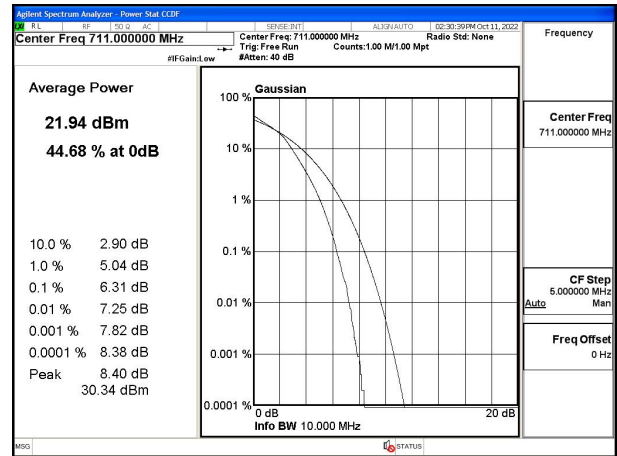


Fig.34

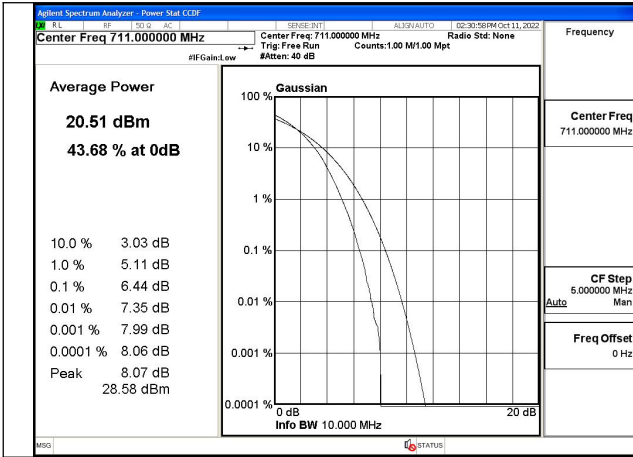


Fig.35

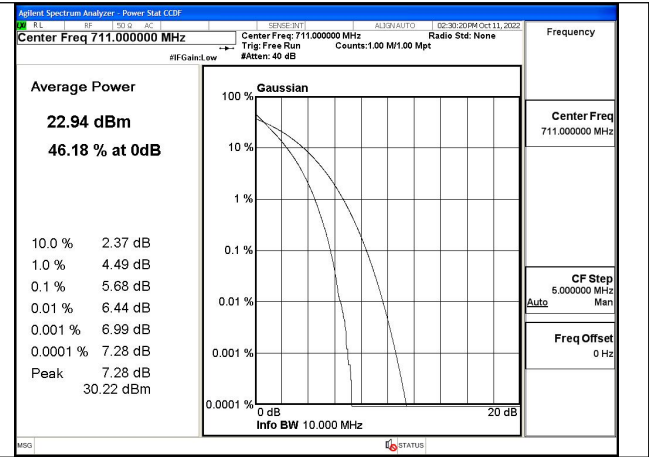


Fig.36

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

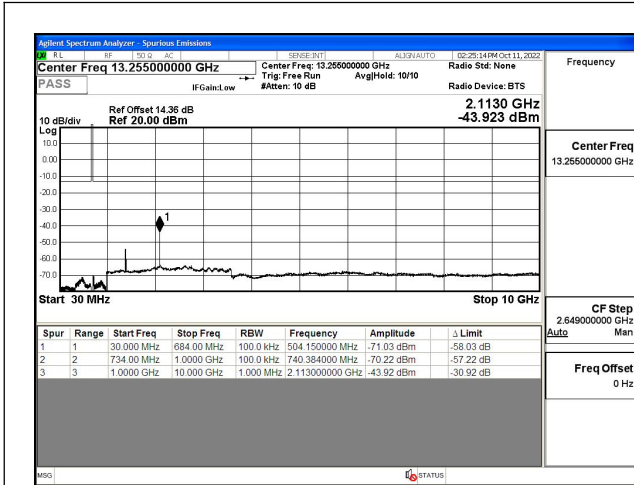


Fig.1

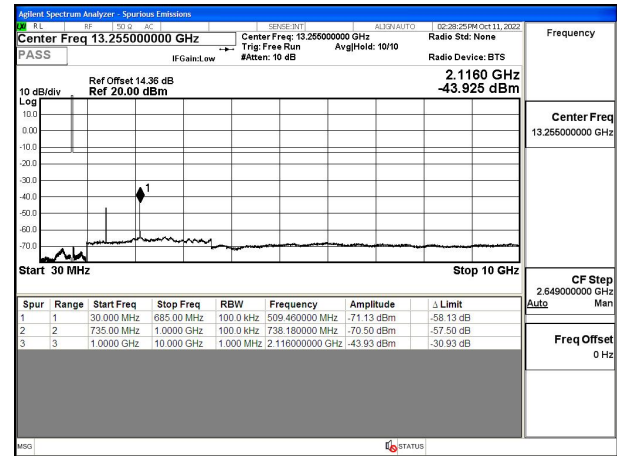


Fig.2

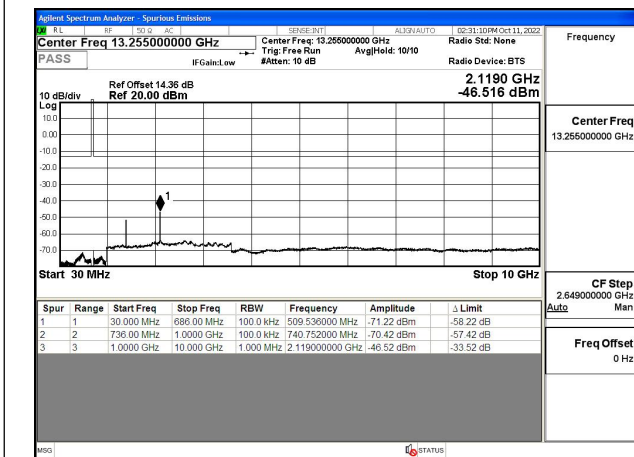
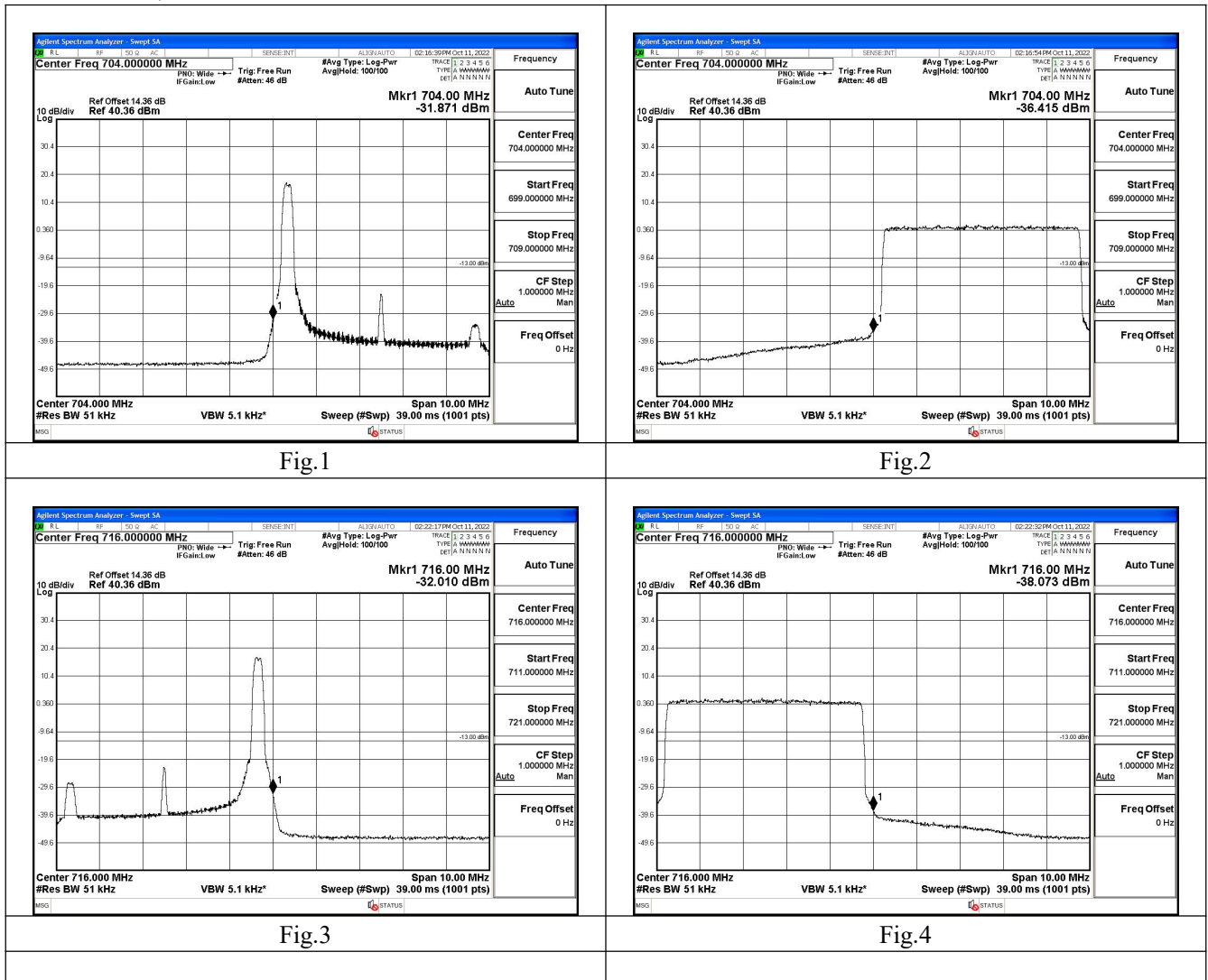


Fig.3

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



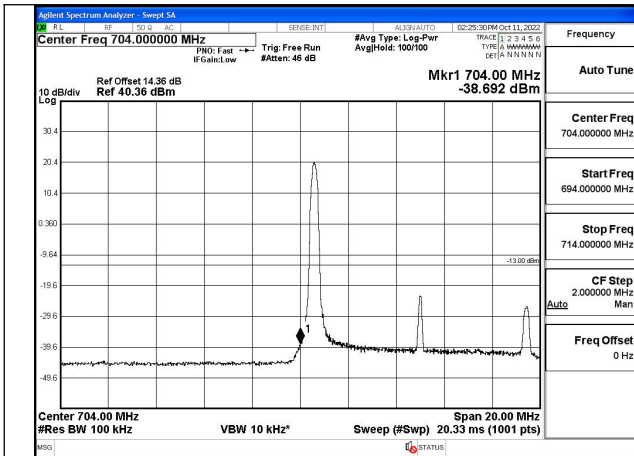


Fig.5

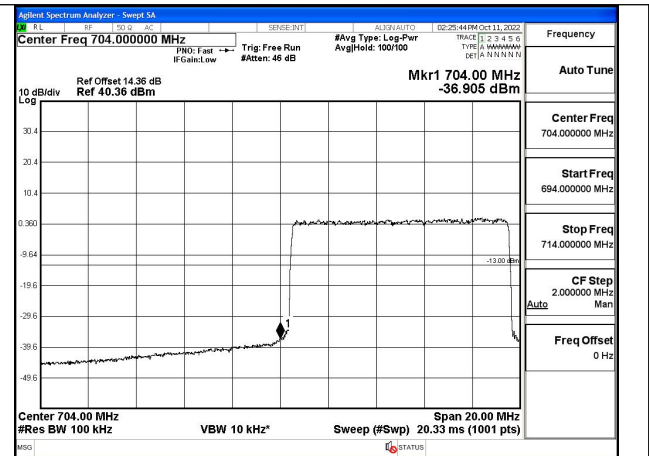


Fig.6

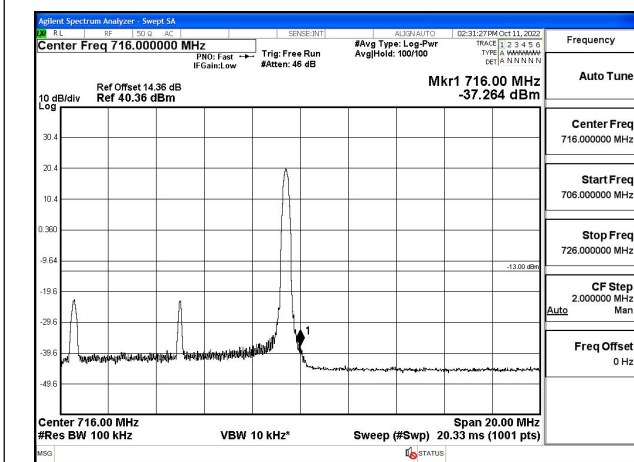


Fig.7

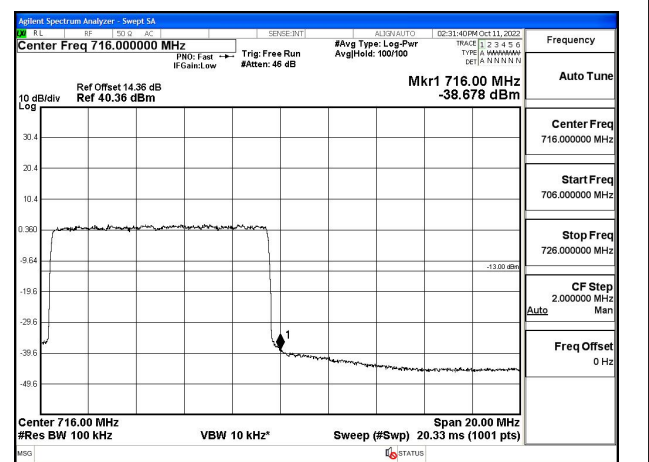


Fig.8

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band 17 Low Channel QPSK	
		5M	10M
-30	NV	0.005	0.003
-20	NV	0.009	-0.005
-10	NV	0.005	0.004
0	NV	-0.013	0.006
5	NV	0.007	0.003
+5	NV	0.009	-0.009
+10	NV	-0.006	0.005
+20	NV	0.004	0.007
+30	NV	-0.005	0.003
+40	NV	0.005	-0.003
+50	NV	0.004	0.012
+20	LV	0.007	-0.046
+20	HV	0.001	0.005

Temperature(°C)	Voltage	Test Result (ppm) Band 17 High Channel QPSK	
		5M	10M
-30	NV	-0.005	-0.016
-20	NV	0.009	-0.018
-10	NV	-0.020	-0.009
0	NV	-0.007	0.006
5	NV	-0.001	-0.003
+5	NV	0.003	-0.008
+10	NV	0.006	-0.005
+20	NV	-0.007	-0.007
+30	NV	-0.023	-0.009
+40	NV	-0.012	-0.009
+50	NV	-0.014	-0.005
+20	LV	-0.005	0.018
+20	HV	-0.004	-0.003

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	23.64	15.89	0.039
QPSK	706.5	23755	5	1	12	23.63	15.88	0.039
QPSK	706.5	23755	5	1	24	23.60	15.85	0.038
QPSK	706.5	23755	5	12	0	22.52	14.77	0.030
QPSK	706.5	23755	5	12	7	22.65	14.90	0.031
QPSK	706.5	23755	5	12	13	22.49	14.74	0.030
QPSK	706.5	23755	5	25	0	22.64	14.89	0.031
QPSK	710	23790	5	1	0	23.68	15.93	0.039
QPSK	710	23790	5	1	12	23.89	16.14	0.041
QPSK	710	23790	5	1	24	23.68	15.93	0.039
QPSK	710	23790	5	12	0	22.87	15.12	0.033
QPSK	710	23790	5	12	7	22.67	14.92	0.031
QPSK	710	23790	5	12	13	22.72	14.97	0.031
QPSK	710	23790	5	25	0	22.66	14.91	0.031
QPSK	713.5	23825	5	1	0	23.89	16.14	0.041
QPSK	713.5	23825	5	1	12	23.80	16.05	0.040
QPSK	713.5	23825	5	1	24	23.96	16.21	0.042
QPSK	713.5	23825	5	12	0	22.68	14.93	0.031
QPSK	713.5	23825	5	12	7	22.68	14.93	0.031
QPSK	713.5	23825	5	12	13	22.70	14.95	0.031
QPSK	713.5	23825	5	25	0	22.63	14.88	0.031

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	22.71	14.96	0.031
16QAM	706.5	23755	5	1	12	23.13	15.38	0.035
16QAM	706.5	23755	5	1	24	23.56	15.81	0.038
16QAM	706.5	23755	5	12	0	21.77	14.02	0.025
16QAM	706.5	23755	5	12	7	21.79	14.04	0.025
16QAM	706.5	23755	5	12	13	21.78	14.03	0.025
16QAM	706.5	23755	5	25	0	21.65	13.90	0.025
16QAM	710	23790	5	1	0	23.33	15.58	0.036
16QAM	710	23790	5	1	12	23.14	15.39	0.035
16QAM	710	23790	5	1	24	22.97	15.22	0.033
16QAM	710	23790	5	12	0	21.70	13.95	0.025
16QAM	710	23790	5	12	7	21.85	14.10	0.026
16QAM	710	23790	5	12	13	22.09	14.34	0.027
16QAM	710	23790	5	25	0	21.76	14.01	0.025
16QAM	713.5	23825	5	1	0	23.03	15.28	0.034
16QAM	713.5	23825	5	1	12	22.48	14.73	0.030
16QAM	713.5	23825	5	1	24	22.53	14.78	0.030
16QAM	713.5	23825	5	12	0	21.89	14.14	0.026
16QAM	713.5	23825	5	12	7	22.04	14.29	0.027
16QAM	713.5	23825	5	12	13	22.01	14.26	0.027
16QAM	713.5	23825	5	25	0	22.30	14.55	0.029
64QAM	706.5	23755	5	1	0	22.05	14.30	0.027
64QAM	706.5	23755	5	1	12	21.89	14.14	0.026
64QAM	706.5	23755	5	1	24	21.78	14.03	0.025
64QAM	706.5	23755	5	12	0	20.23	12.48	0.018
64QAM	706.5	23755	5	12	7	20.24	12.49	0.018
64QAM	706.5	23755	5	12	13	20.10	12.35	0.017
64QAM	706.5	23755	5	25	0	19.98	12.23	0.017
64QAM	710	23790	5	1	0	21.38	13.63	0.023
64QAM	710	23790	5	1	12	21.82	14.07	0.026
64QAM	710	23790	5	1	24	22.12	14.37	0.027
64QAM	710	23790	5	12	0	20.36	12.61	0.018
64QAM	710	23790	5	12	7	20.22	12.47	0.018
64QAM	710	23790	5	12	13	20.48	12.73	0.019
64QAM	710	23790	5	25	0	20.17	12.42	0.017
64QAM	713.5	23825	5	1	0	22.32	14.57	0.029
64QAM	713.5	23825	5	1	12	21.79	14.04	0.025
64QAM	713.5	23825	5	1	24	21.83	14.08	0.026
64QAM	713.5	23825	5	12	0	20.62	12.87	0.019
64QAM	713.5	23825	5	12	7	20.72	12.97	0.020
64QAM	713.5	23825	5	12	13	20.48	12.73	0.019
64QAM	713.5	23825	5	25	0	20.60	12.85	0.019

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	23.89	16.14	0.041
QPSK	709	23780	10	1	25	23.93	16.18	0.041
QPSK	709	23780	10	1	49	23.81	16.06	0.040
QPSK	709	23780	10	25	0	22.71	14.96	0.031
QPSK	709	23780	10	25	12	22.54	14.79	0.030
QPSK	709	23780	10	25	25	22.65	14.90	0.031
QPSK	709	23780	10	50	0	22.78	15.03	0.032
QPSK	710	23790	10	1	0	23.90	16.15	0.041
QPSK	710	23790	10	1	25	24.07	16.32	0.043
QPSK	710	23790	10	1	49	23.77	16.02	0.040
QPSK	710	23790	10	25	0	22.66	14.91	0.031
QPSK	710	23790	10	25	12	22.71	14.96	0.031
QPSK	710	23790	10	25	25	22.55	14.80	0.030
QPSK	710	23790	10	50	0	22.71	14.96	0.031
QPSK	711	23800	10	1	0	23.74	15.99	0.040
QPSK	711	23800	10	1	25	23.64	15.89	0.039
QPSK	711	23800	10	1	49	23.53	15.78	0.038
QPSK	711	23800	10	25	0	22.84	15.09	0.032
QPSK	711	23800	10	25	12	22.53	14.78	0.030
QPSK	711	23800	10	25	25	22.74	14.99	0.032
QPSK	711	23800	10	50	0	22.84	15.09	0.032

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	22.42	14.67	0.029
16QAM	709	23780	10	1	25	22.59	14.84	0.030
16QAM	709	23780	10	1	49	22.37	14.62	0.029
16QAM	709	23780	10	25	0	22.00	14.25	0.027
16QAM	709	23780	10	25	12	21.84	14.09	0.026
16QAM	709	23780	10	25	25	22.41	14.66	0.029
16QAM	709	23780	10	50	0	21.79	14.04	0.025
16QAM	710	23790	10	1	0	22.75	15.00	0.032
16QAM	710	23790	10	1	25	22.66	14.91	0.031
16QAM	710	23790	10	1	49	22.44	14.69	0.029
16QAM	710	23790	10	25	0	21.89	14.14	0.026
16QAM	710	23790	10	25	12	22.03	14.28	0.027
16QAM	710	23790	10	25	25	22.06	14.31	0.027
16QAM	710	23790	10	50	0	21.75	14.00	0.025
16QAM	711	23800	10	1	0	23.21	15.46	0.035
16QAM	711	23800	10	1	25	23.60	15.85	0.038
16QAM	711	23800	10	1	49	22.76	15.01	0.032
16QAM	711	23800	10	25	0	21.88	14.13	0.026
16QAM	711	23800	10	25	12	21.67	13.92	0.025
16QAM	711	23800	10	25	25	21.96	14.21	0.026
16QAM	711	23800	10	50	0	21.88	14.13	0.026
64QAM	709	23780	10	1	0	22.21	14.46	0.028
64QAM	709	23780	10	1	25	22.28	14.53	0.028
64QAM	709	23780	10	1	49	22.21	14.46	0.028
64QAM	709	23780	10	25	0	20.32	12.57	0.018
64QAM	709	23780	10	25	12	20.11	12.36	0.017
64QAM	709	23780	10	25	25	20.55	12.80	0.019
64QAM	709	23780	10	50	0	20.35	12.60	0.018
64QAM	710	23790	10	1	0	21.79	14.04	0.025
64QAM	710	23790	10	1	25	21.83	14.08	0.026
64QAM	710	23790	10	1	49	22.72	14.97	0.031
64QAM	710	23790	10	25	0	19.61	11.86	0.015
64QAM	710	23790	10	25	12	20.14	12.39	0.017
64QAM	710	23790	10	25	25	20.53	12.78	0.019
64QAM	710	23790	10	50	0	20.26	12.51	0.018
64QAM	711	23800	10	1	0	21.57	13.82	0.024
64QAM	711	23800	10	1	25	21.25	13.50	0.022
64QAM	711	23800	10	1	49	21.39	13.64	0.023
64QAM	711	23800	10	25	0	20.31	12.56	0.018
64QAM	711	23800	10	25	12	20.30	12.55	0.018
64QAM	711	23800	10	25	25	20.42	12.67	0.018
64QAM	711	23800	10	50	0	20.36	12.61	0.018