

Fig.5

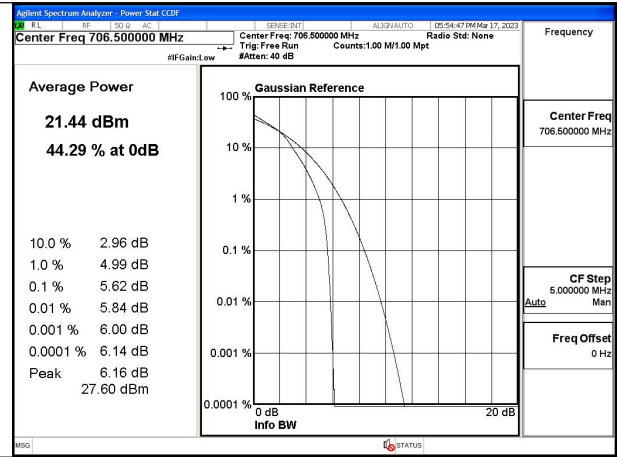


Fig.6

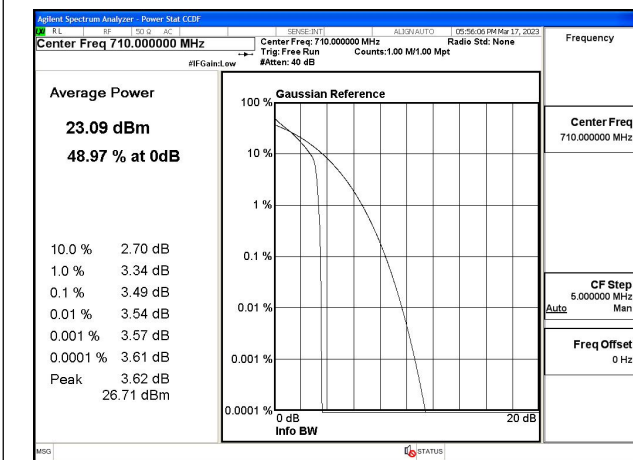


Fig.7

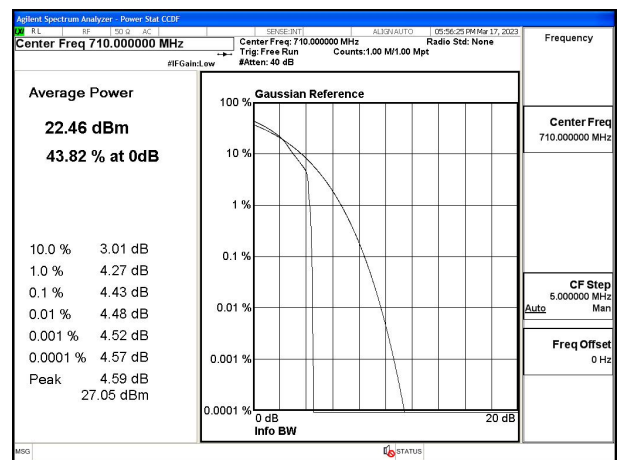


Fig.8

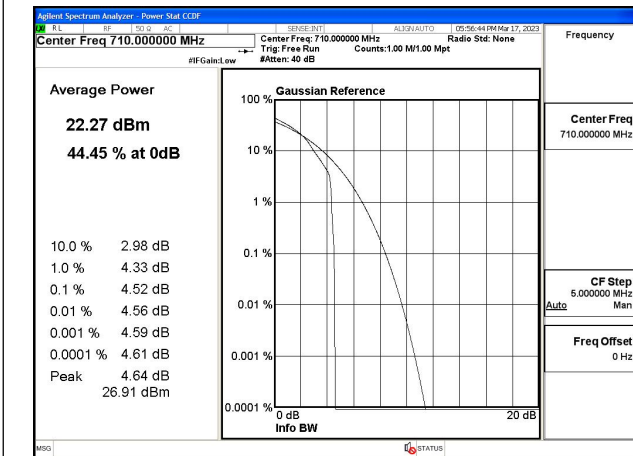


Fig.9

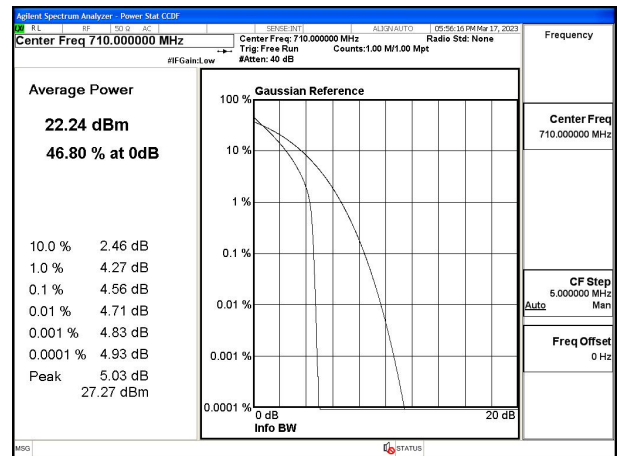


Fig.10

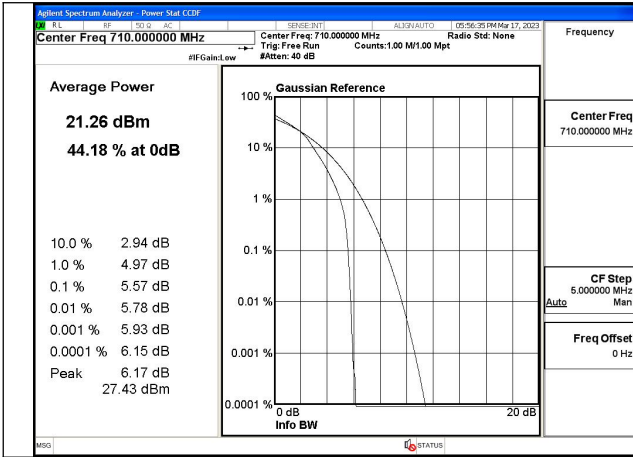


Fig. 11

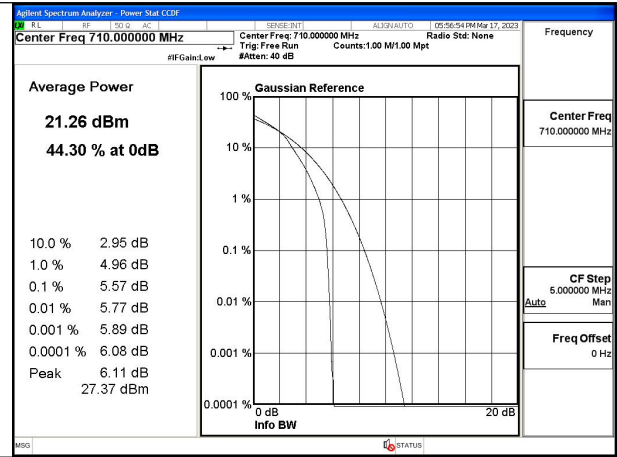


Fig. 12

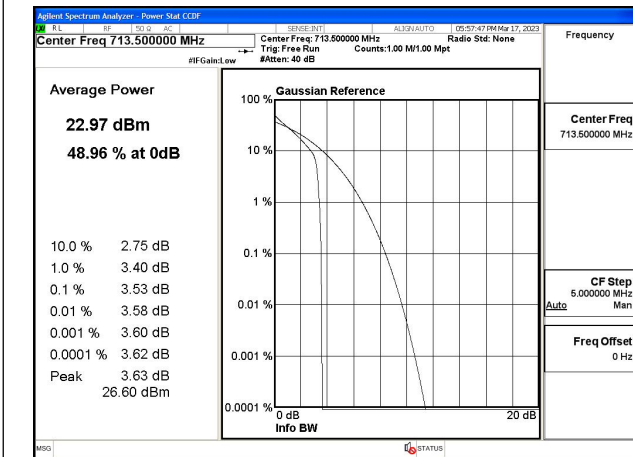


Fig. 13

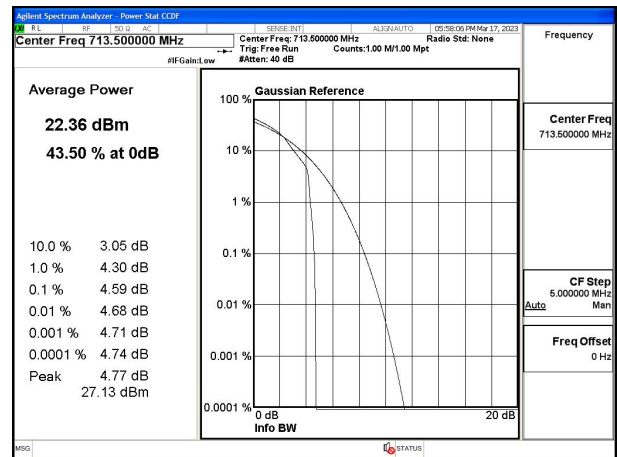


Fig. 14

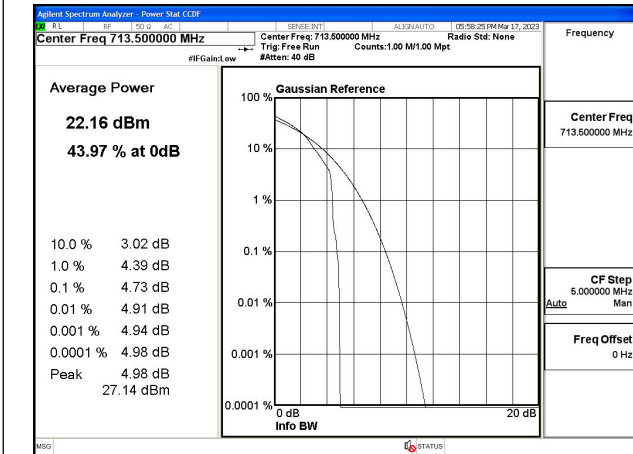


Fig. 15

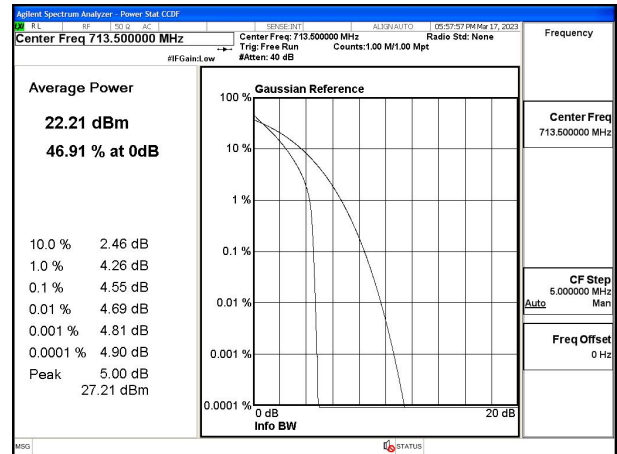


Fig. 16

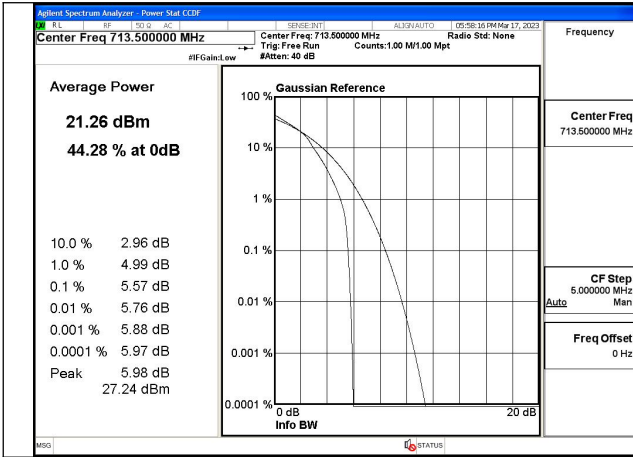


Fig.17

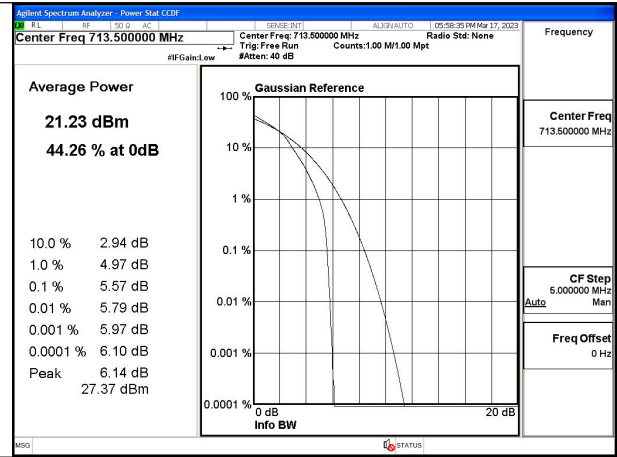


Fig.18

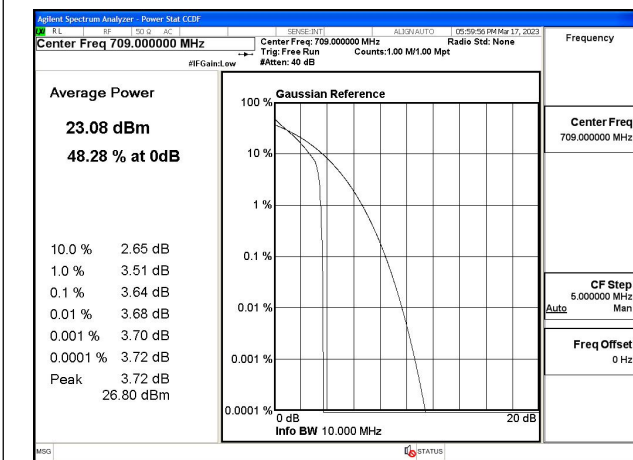


Fig.19

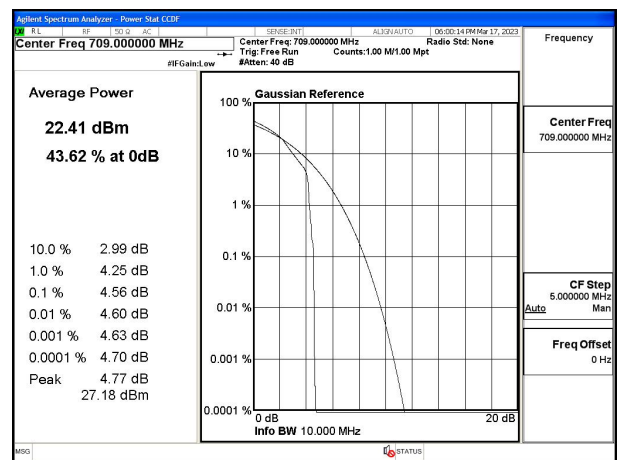


Fig.20

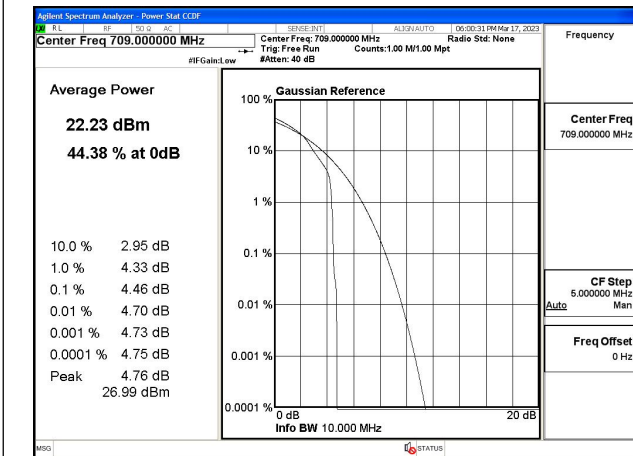


Fig.21

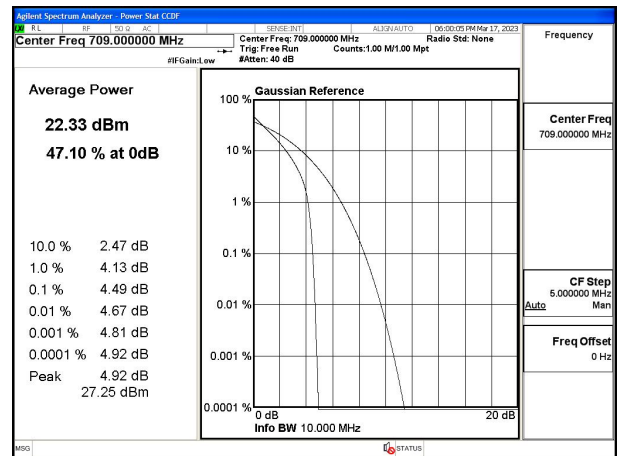


Fig.22

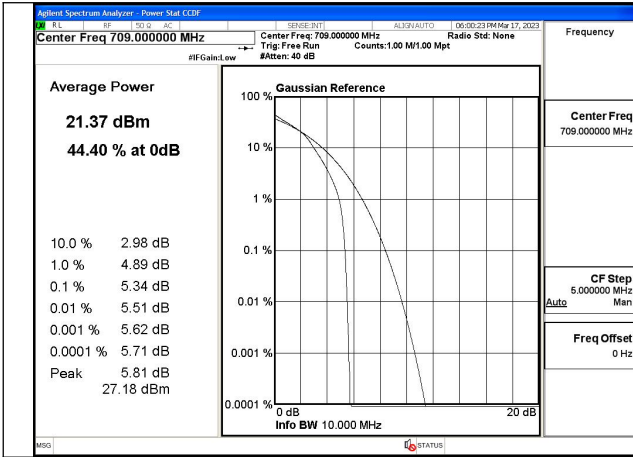


Fig.23

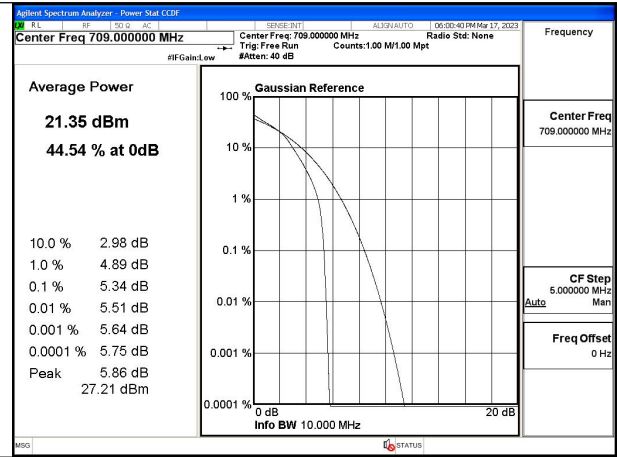


Fig.24

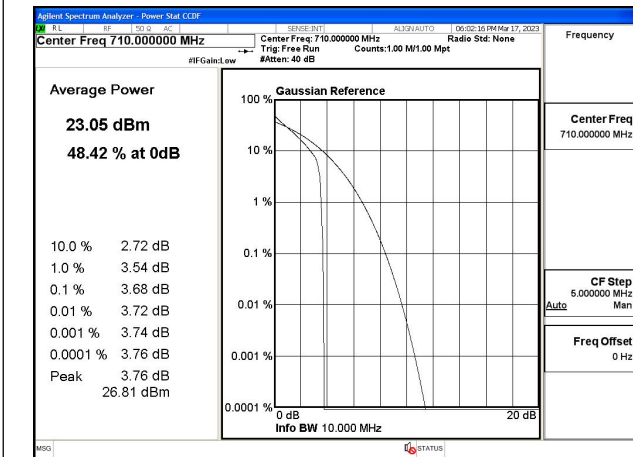


Fig.25

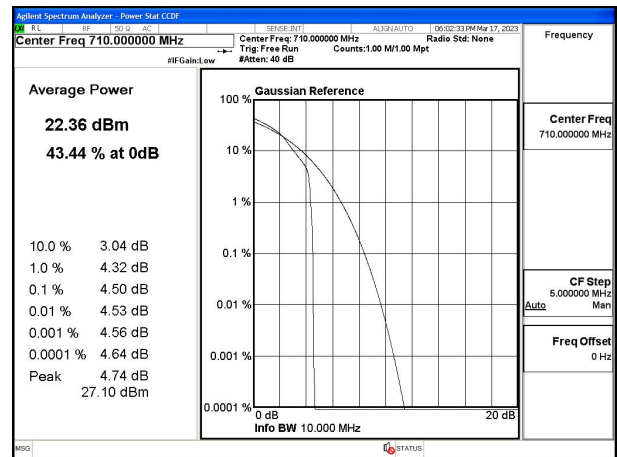


Fig.26

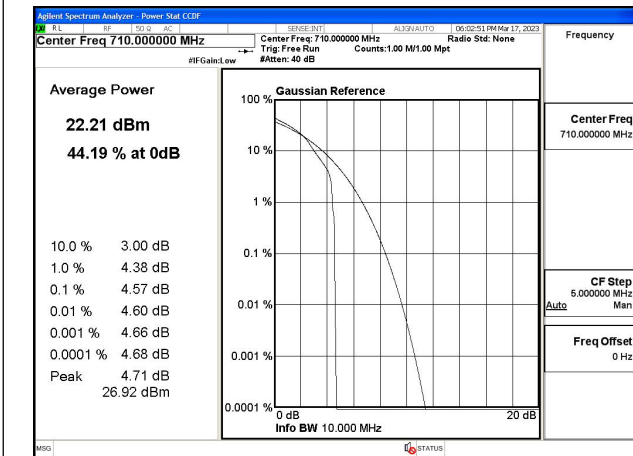


Fig.27

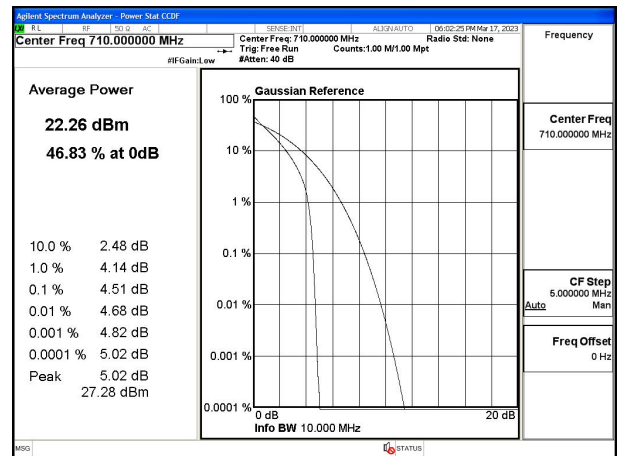


Fig.28

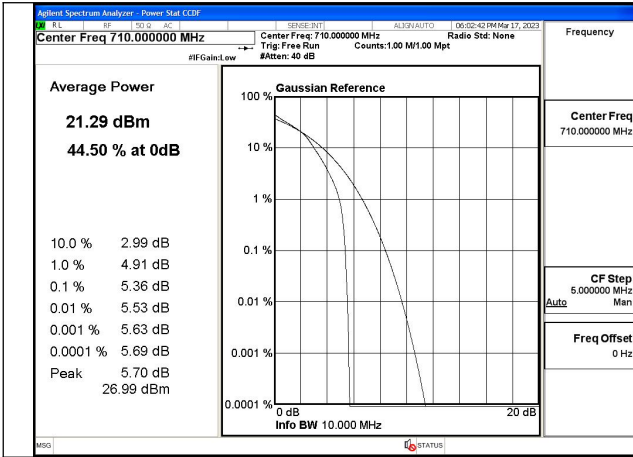


Fig.29

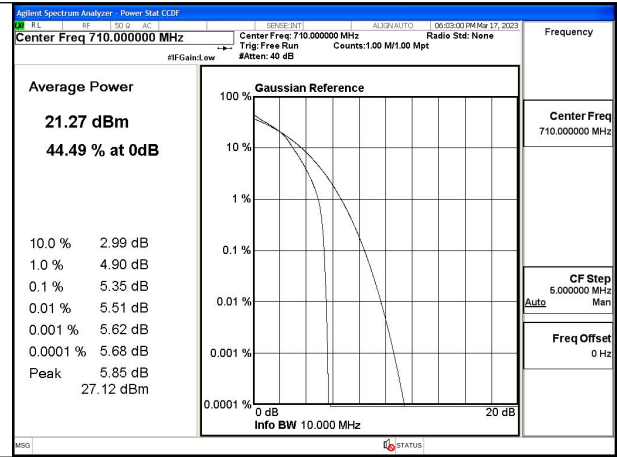


Fig.30

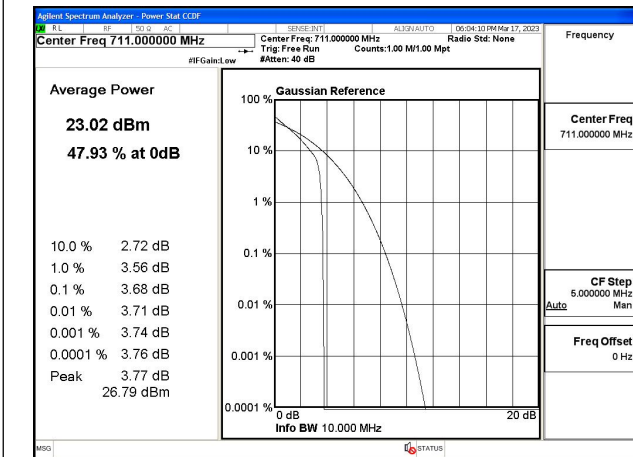


Fig.31

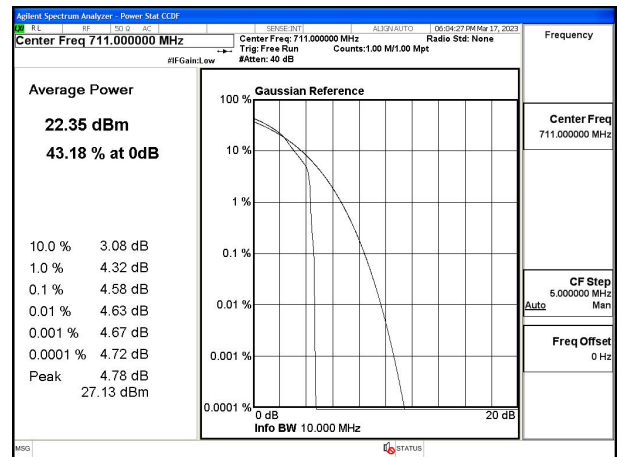


Fig.32

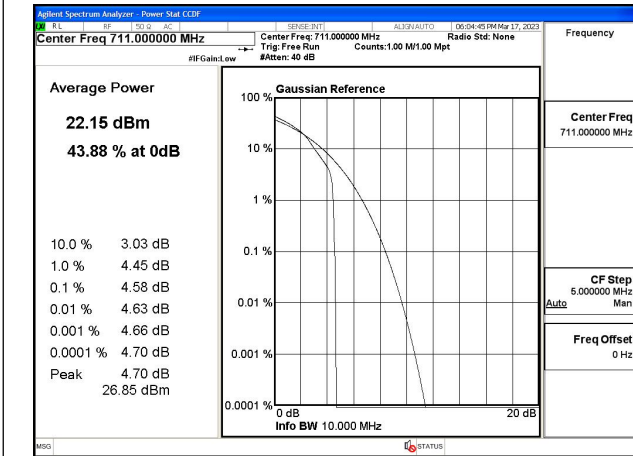


Fig.33

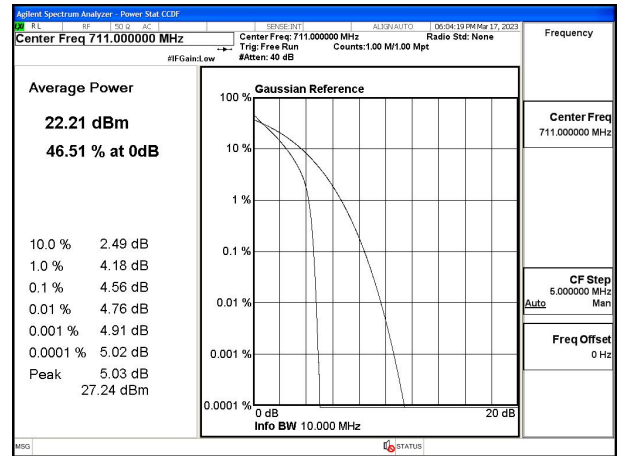


Fig.34

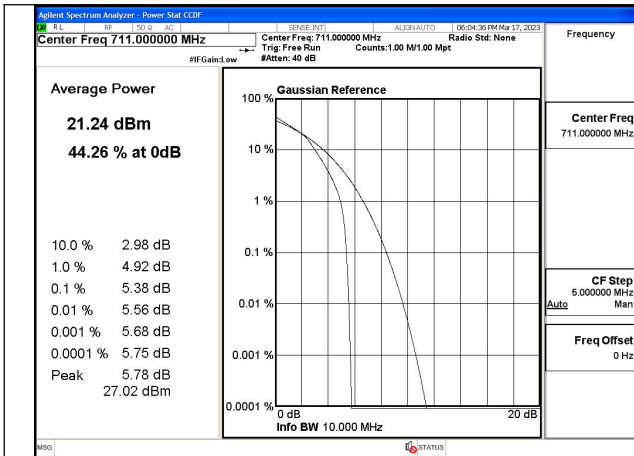


Fig.35

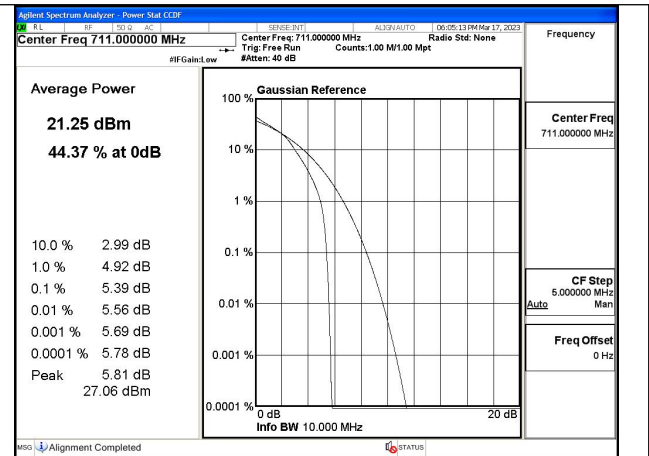


Fig.36

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

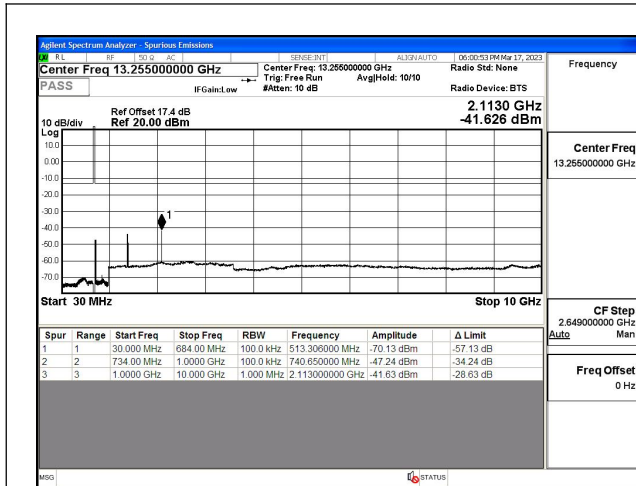


Fig.1

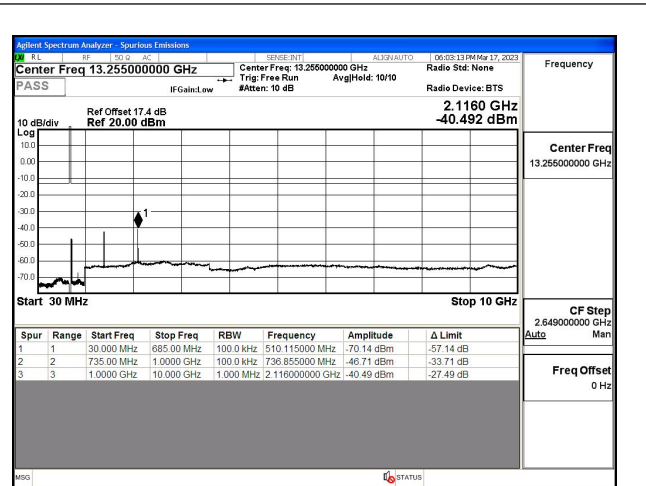


Fig.2

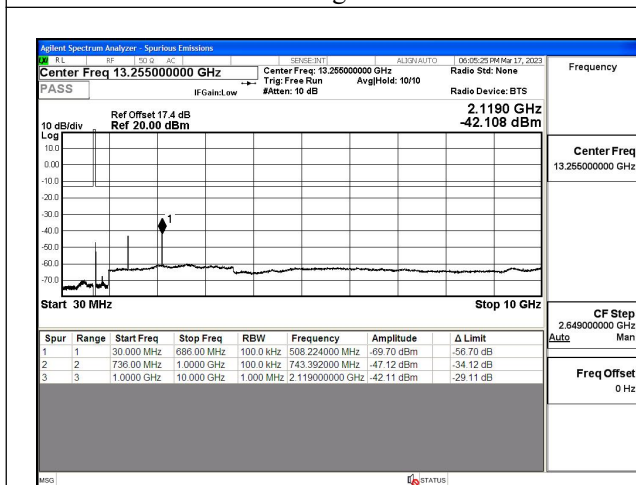
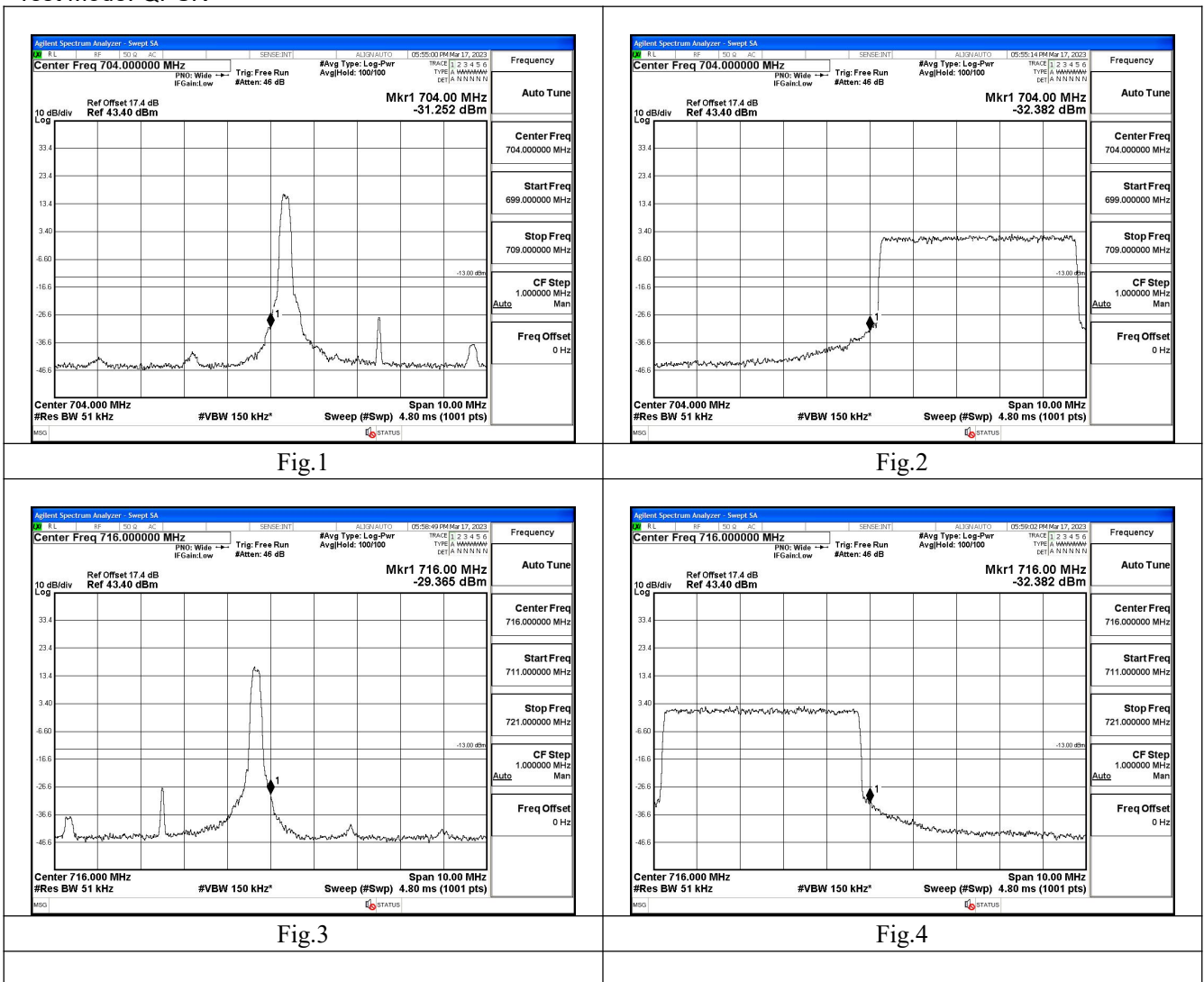


Fig.3

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



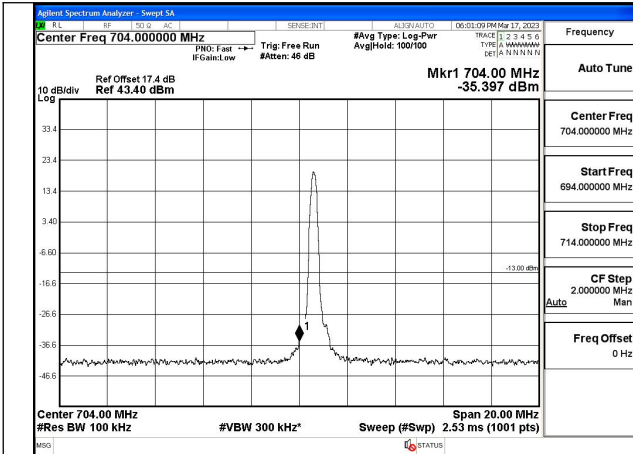


Fig.5

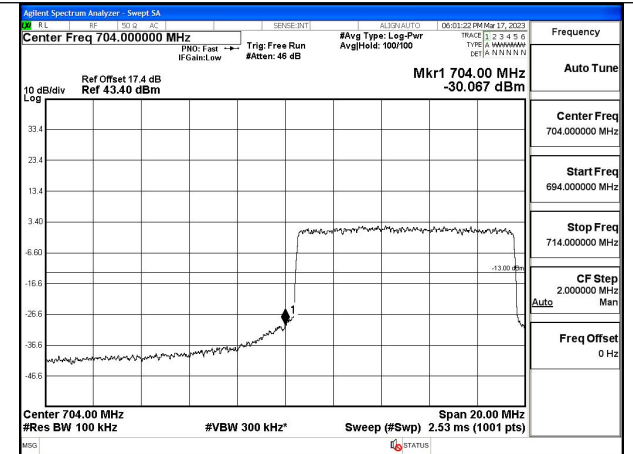


Fig.6

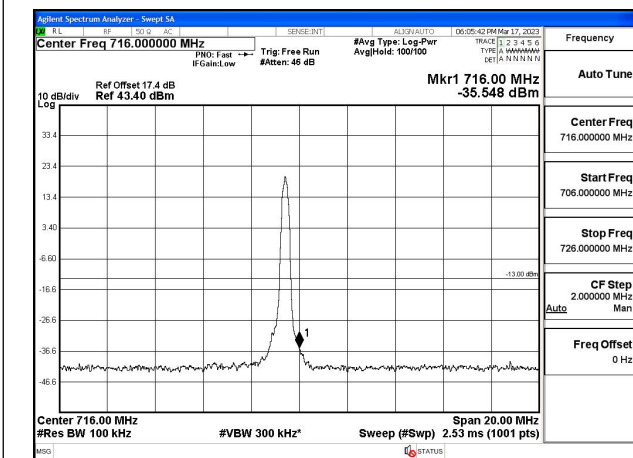


Fig.7

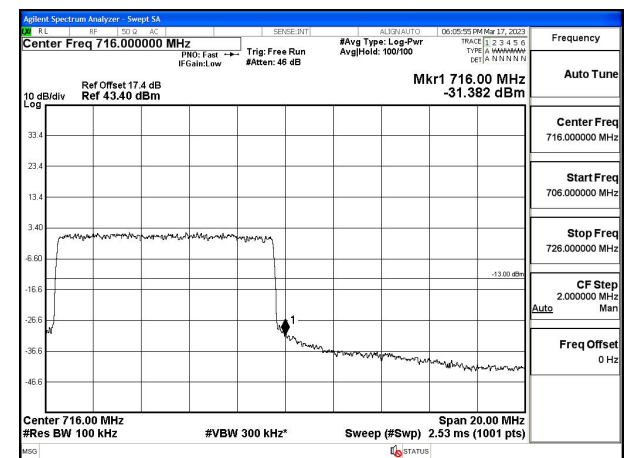


Fig.8

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Low Channel QPSK	
		5M	10M
-10	NV	-0.002	-0.007
0	NV	0.006	-0.008
+10	NV	0.006	0.005
+20	NV	-0.003	-0.006
+30	NV	0.005	0.005
+40	NV	0.010	0.005
+50	NV	0.007	0.008
+55	NV	0.005	-0.007
+20	LV	0.006	0.005
+20	HV	0.005	-0.006

Temperature(°C)	Voltage	Test Result (ppm) High Channel QPSK	
		5M	10M
-10	NV	0.005	-0.008
0	NV	0.004	0.006
+10	NV	-0.001	0.005
+20	NV	-0.005	0.005
+30	NV	0.005	0.004
+40	NV	0.004	-0.006
+50	NV	0.007	-0.008
+55	NV	0.002	-0.010
+20	LV	0.004	0.005
+20	HV	-0.002	-0.007

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	22.99	13.24	0.021
QPSK	706.5	23755	5	1	12	23.05	13.30	0.021
QPSK	706.5	23755	5	1	24	22.94	13.19	0.021
QPSK	706.5	23755	5	12	0	22.02	12.27	0.017
QPSK	706.5	23755	5	12	7	22.27	12.52	0.018
QPSK	706.5	23755	5	12	13	22.17	12.42	0.017
QPSK	706.5	23755	5	25	0	22.12	12.37	0.017
QPSK	710	23790	5	1	0	23.13	13.38	0.022
QPSK	710	23790	5	1	12	23.11	13.36	0.022
QPSK	710	23790	5	1	24	22.86	13.11	0.020
QPSK	710	23790	5	12	0	22.18	12.43	0.017
QPSK	710	23790	5	12	7	22.19	12.44	0.018
QPSK	710	23790	5	12	13	22.20	12.45	0.018
QPSK	710	23790	5	25	0	22.14	12.39	0.017
QPSK	713.5	23825	5	1	0	23.10	13.35	0.022
QPSK	713.5	23825	5	1	12	22.99	13.24	0.021
QPSK	713.5	23825	5	1	24	22.94	13.19	0.021
QPSK	713.5	23825	5	12	0	22.15	12.40	0.017
QPSK	713.5	23825	5	12	7	22.02	12.27	0.017
QPSK	713.5	23825	5	12	13	22.14	12.39	0.017
QPSK	713.5	23825	5	25	0	21.96	12.21	0.017

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	22.35	12.60	0.018
16QAM	706.5	23755	5	1	12	22.31	12.56	0.018
16QAM	706.5	23755	5	1	24	22.35	12.60	0.018
16QAM	706.5	23755	5	12	0	21.17	11.42	0.014
16QAM	706.5	23755	5	12	7	21.27	11.52	0.014
16QAM	706.5	23755	5	12	13	21.07	11.32	0.014
16QAM	706.5	23755	5	25	0	21.20	11.45	0.014
16QAM	710	23790	5	1	0	22.03	12.28	0.017
16QAM	710	23790	5	1	12	22.69	12.94	0.020
16QAM	710	23790	5	1	24	22.34	12.59	0.018
16QAM	710	23790	5	12	0	21.06	11.31	0.014
16QAM	710	23790	5	12	7	21.08	11.33	0.014
16QAM	710	23790	5	12	13	21.19	11.44	0.014
16QAM	710	23790	5	25	0	21.10	11.35	0.014
16QAM	713.5	23825	5	1	0	22.28	12.53	0.018
16QAM	713.5	23825	5	1	12	22.41	12.66	0.018
16QAM	713.5	23825	5	1	24	22.02	12.27	0.017
16QAM	713.5	23825	5	12	0	21.09	11.34	0.014
16QAM	713.5	23825	5	12	7	21.15	11.40	0.014
16QAM	713.5	23825	5	12	13	21.07	11.32	0.014
16QAM	713.5	23825	5	25	0	21.06	11.31	0.014
64QAM	706.5	23755	5	1	0	22.03	12.28	0.017
64QAM	706.5	23755	5	1	12	22.13	12.38	0.017
64QAM	706.5	23755	5	1	24	22.36	12.61	0.018
64QAM	706.5	23755	5	12	0	21.21	11.46	0.014
64QAM	706.5	23755	5	12	7	21.23	11.48	0.014
64QAM	706.5	23755	5	12	13	21.23	11.48	0.014
64QAM	706.5	23755	5	25	0	21.22	11.47	0.014
64QAM	710	23790	5	1	0	22.13	12.38	0.017
64QAM	710	23790	5	1	12	22.08	12.33	0.017
64QAM	710	23790	5	1	24	22.32	12.57	0.018
64QAM	710	23790	5	12	0	21.06	11.31	0.014
64QAM	710	23790	5	12	7	21.14	11.39	0.014
64QAM	710	23790	5	12	13	21.06	11.31	0.014
64QAM	710	23790	5	25	0	21.14	11.39	0.014
64QAM	713.5	23825	5	1	0	22.07	12.32	0.017
64QAM	713.5	23825	5	1	12	21.95	12.20	0.017
64QAM	713.5	23825	5	1	24	22.27	12.52	0.018
64QAM	713.5	23825	5	12	0	21.03	11.28	0.013
64QAM	713.5	23825	5	12	7	21.19	11.44	0.014
64QAM	713.5	23825	5	12	13	20.96	11.21	0.013
64QAM	713.5	23825	5	25	0	21.14	11.39	0.014

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	23.25	13.50	0.022
QPSK	709	23780	10	1	25	22.97	13.22	0.021
QPSK	709	23780	10	1	49	22.97	13.22	0.021
QPSK	709	23780	10	25	0	22.11	12.36	0.017
QPSK	709	23780	10	25	12	22.14	12.39	0.017
QPSK	709	23780	10	25	25	22.11	12.36	0.017
QPSK	709	23780	10	50	0	22.29	12.54	0.018
QPSK	710	23790	10	1	0	23.10	13.35	0.022
QPSK	710	23790	10	1	25	23.13	13.38	0.022
QPSK	710	23790	10	1	49	22.96	13.21	0.021
QPSK	710	23790	10	25	0	22.14	12.39	0.017
QPSK	710	23790	10	25	12	22.16	12.41	0.017
QPSK	710	23790	10	25	25	22.15	12.40	0.017
QPSK	710	23790	10	50	0	22.05	12.30	0.017
QPSK	711	23800	10	1	0	23.05	13.30	0.021
QPSK	711	23800	10	1	25	23.05	13.30	0.021
QPSK	711	23800	10	1	49	22.82	13.07	0.020
QPSK	711	23800	10	25	0	22.16	12.41	0.017
QPSK	711	23800	10	25	12	22.14	12.39	0.017
QPSK	711	23800	10	25	25	22.07	12.32	0.017
QPSK	711	23800	10	50	0	22.11	12.36	0.017

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	22.28	12.53	0.018
16QAM	709	23780	10	1	25	22.27	12.52	0.018
16QAM	709	23780	10	1	49	22.66	12.91	0.020
16QAM	709	23780	10	25	0	21.10	11.35	0.014
16QAM	709	23780	10	25	12	21.19	11.44	0.014
16QAM	709	23780	10	25	25	21.17	11.42	0.014
16QAM	709	23780	10	50	0	21.21	11.46	0.014
16QAM	710	23790	10	1	0	22.62	12.87	0.019
16QAM	710	23790	10	1	25	22.78	13.03	0.020
16QAM	710	23790	10	1	49	21.96	12.21	0.017
16QAM	710	23790	10	25	0	21.12	11.37	0.014
16QAM	710	23790	10	25	12	21.13	11.38	0.014
16QAM	710	23790	10	25	25	21.17	11.42	0.014
16QAM	710	23790	10	50	0	21.11	11.36	0.014
16QAM	711	23800	10	1	0	22.66	12.91	0.020
16QAM	711	23800	10	1	25	22.47	12.72	0.019
16QAM	711	23800	10	1	49	22.34	12.59	0.018
16QAM	711	23800	10	25	0	21.08	11.33	0.014
16QAM	711	23800	10	25	12	21.22	11.47	0.014
16QAM	711	23800	10	25	25	21.13	11.38	0.014
16QAM	711	23800	10	50	0	20.99	11.24	0.013
64QAM	709	23780	10	1	0	22.51	12.76	0.019
64QAM	709	23780	10	1	25	22.20	12.45	0.018
64QAM	709	23780	10	1	49	22.24	12.49	0.018
64QAM	709	23780	10	25	0	21.14	11.39	0.014
64QAM	709	23780	10	25	12	21.32	11.57	0.014
64QAM	709	23780	10	25	25	21.23	11.48	0.014
64QAM	709	23780	10	50	0	21.14	11.39	0.014
64QAM	710	23790	10	1	0	22.76	13.01	0.020
64QAM	710	23790	10	1	25	22.24	12.49	0.018
64QAM	710	23790	10	1	49	22.00	12.25	0.017
64QAM	710	23790	10	25	0	21.15	11.40	0.014
64QAM	710	23790	10	25	12	21.03	11.28	0.013
64QAM	710	23790	10	25	25	21.23	11.48	0.014
64QAM	710	23790	10	50	0	21.15	11.40	0.014
64QAM	711	23800	10	1	0	22.30	12.55	0.018
64QAM	711	23800	10	1	25	22.35	12.60	0.018
64QAM	711	23800	10	1	49	21.97	12.22	0.017
64QAM	711	23800	10	25	0	21.14	11.39	0.014
64QAM	711	23800	10	25	12	21.11	11.36	0.014
64QAM	711	23800	10	25	25	21.13	11.38	0.014
64QAM	711	23800	10	50	0	21.12	11.37	0.014