

Fig.5

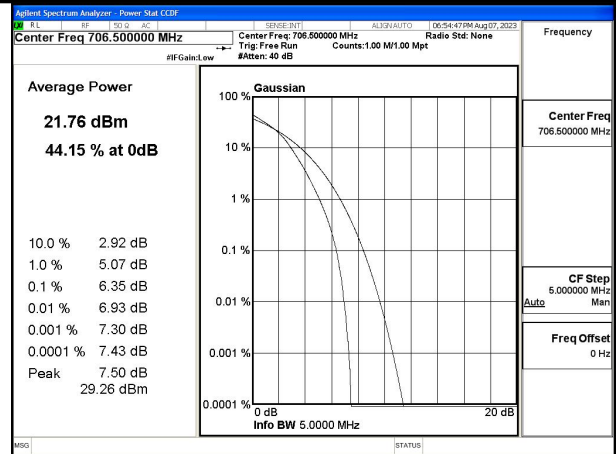


Fig.6

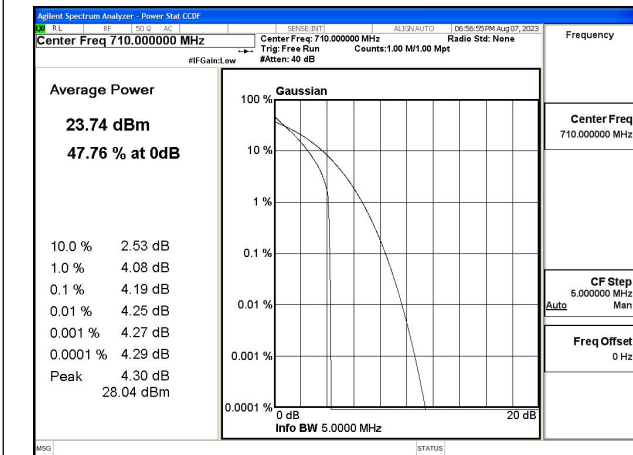


Fig.7

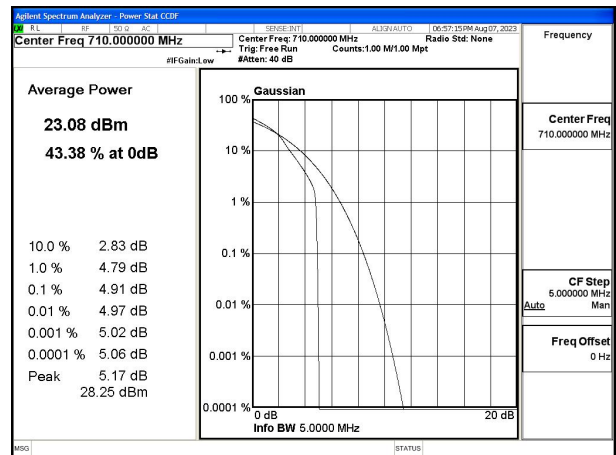


Fig.8

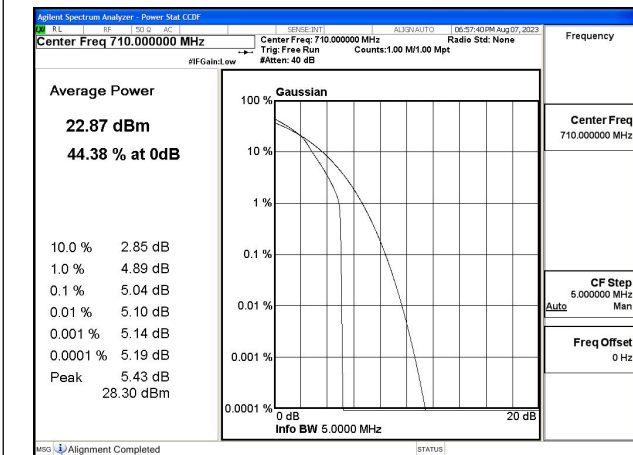


Fig.9

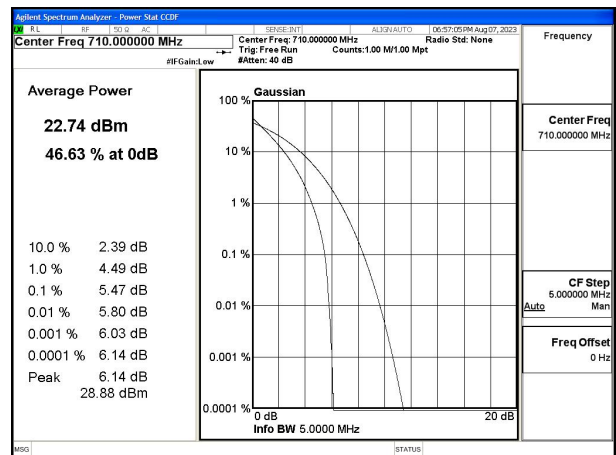


Fig.10

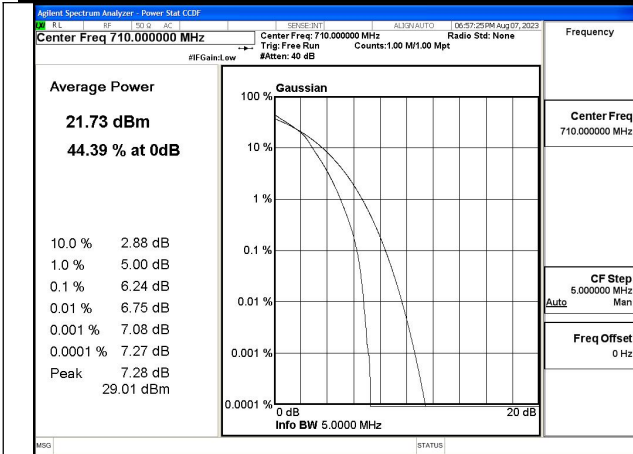


Fig. 11

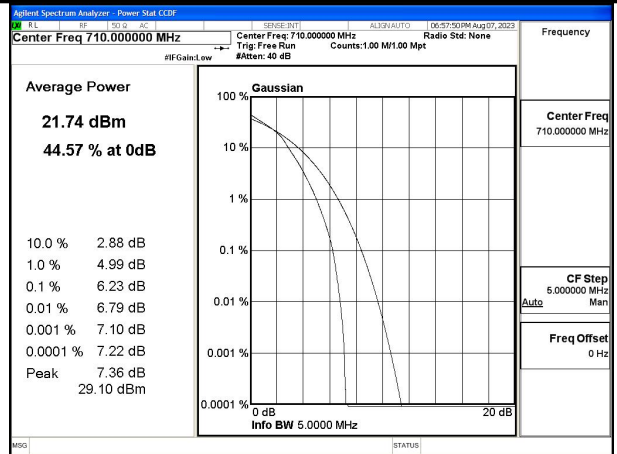


Fig. 12

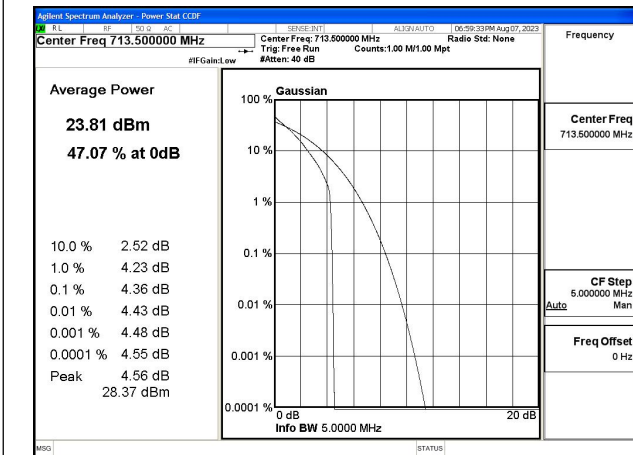


Fig. 13

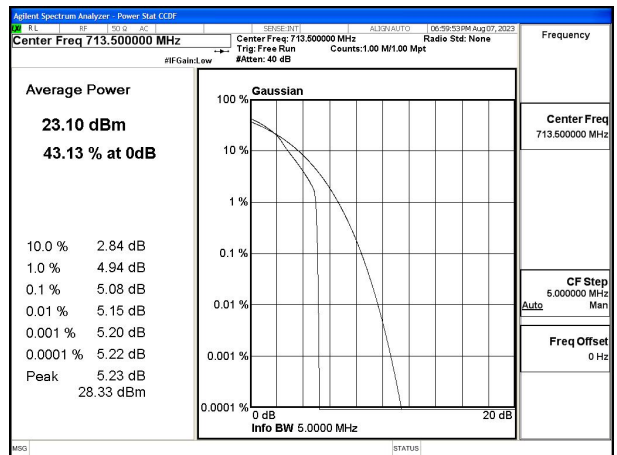


Fig. 14

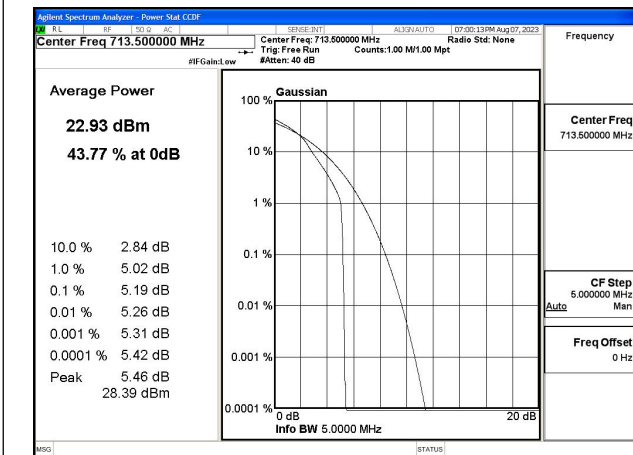


Fig. 15

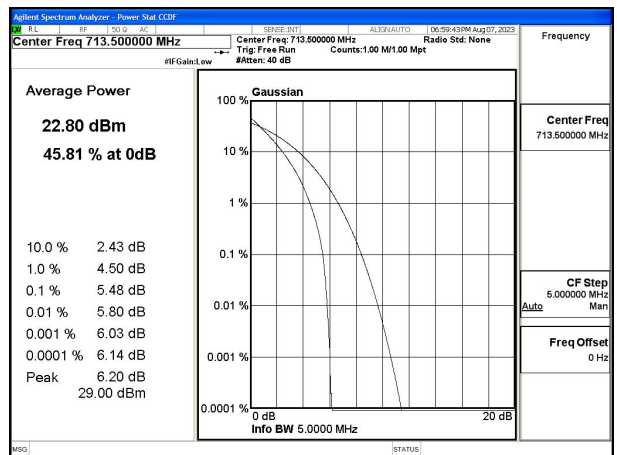


Fig. 16

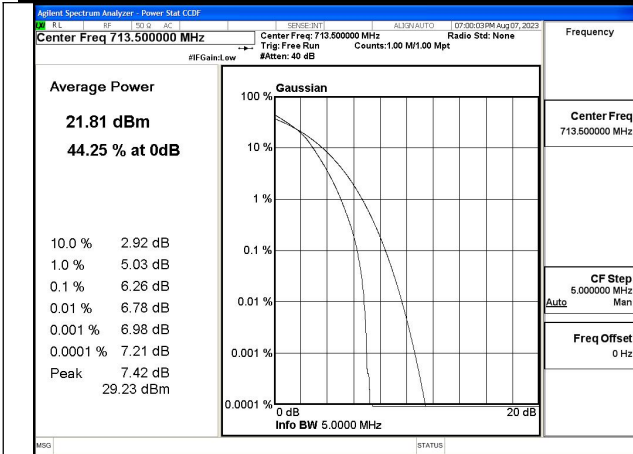


Fig.17

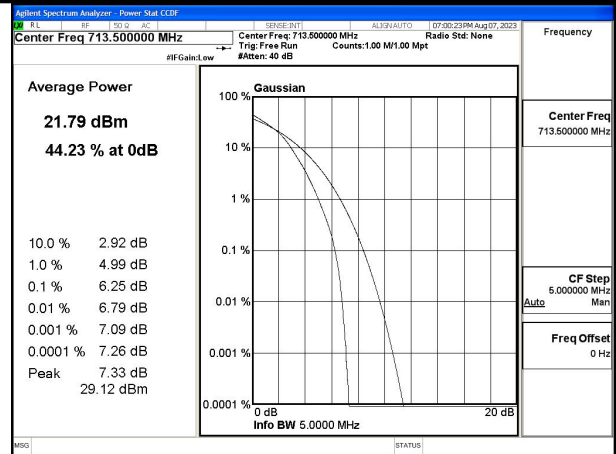


Fig.18

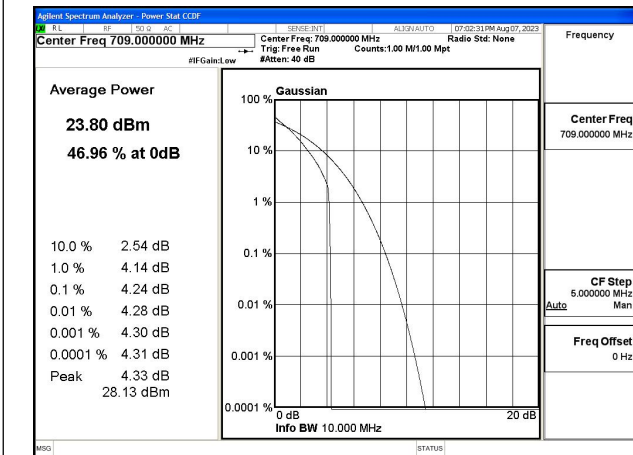


Fig.19

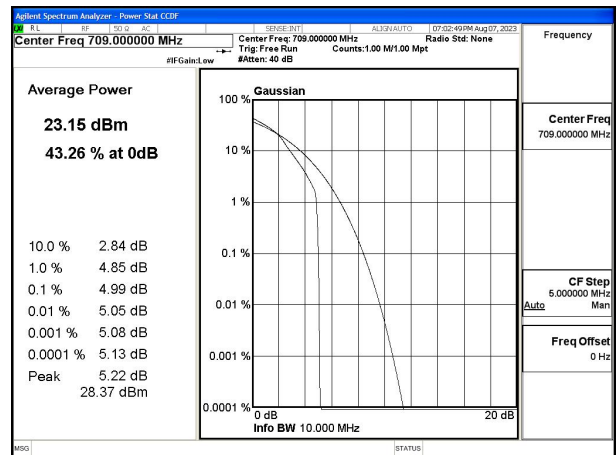


Fig.20

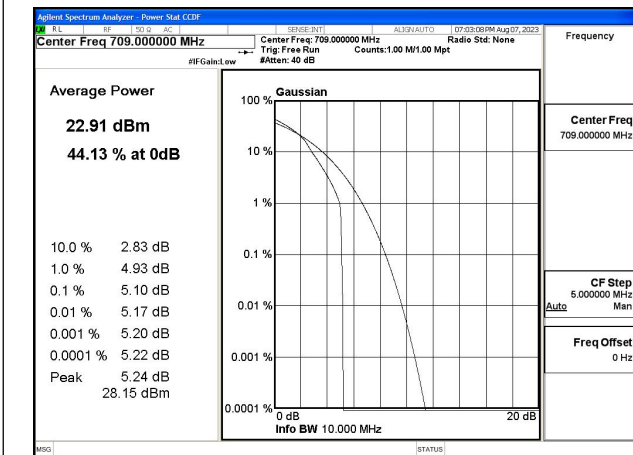


Fig.21

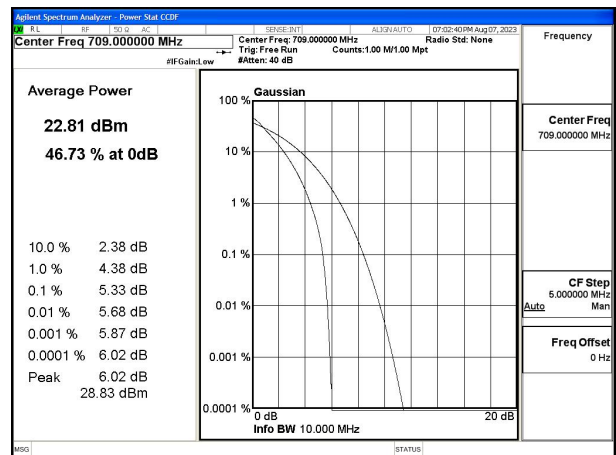


Fig.22

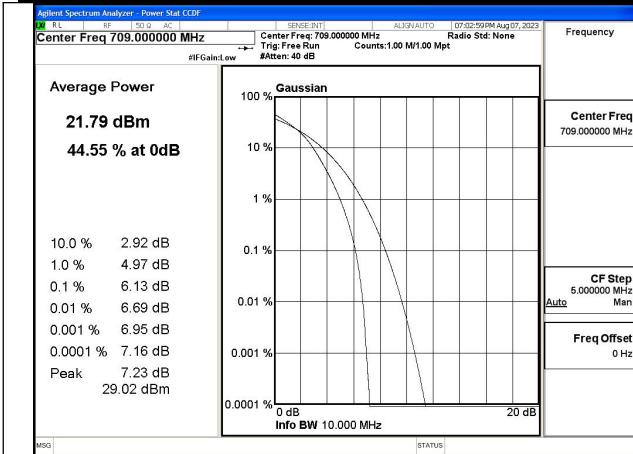


Fig.23

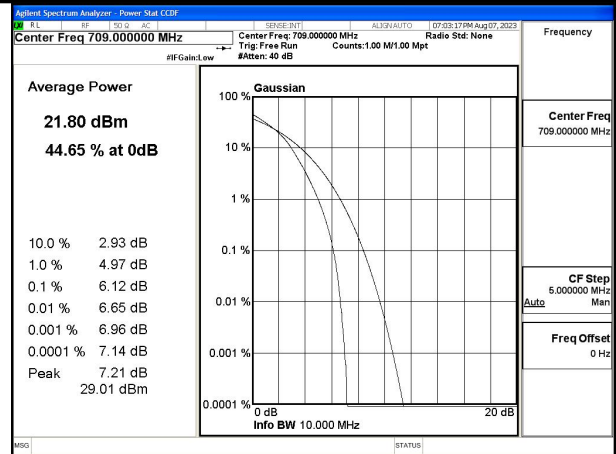


Fig.24

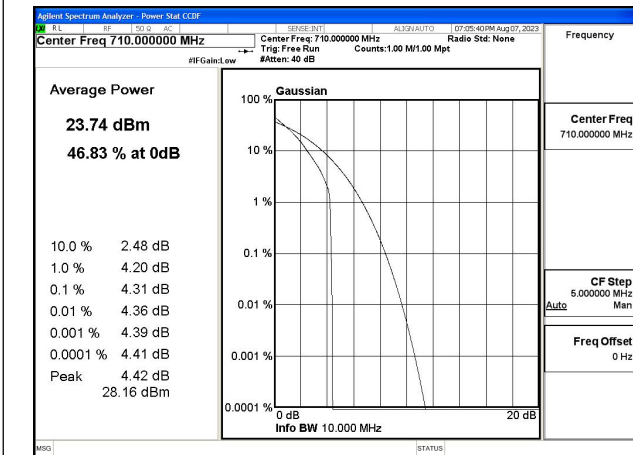


Fig.25

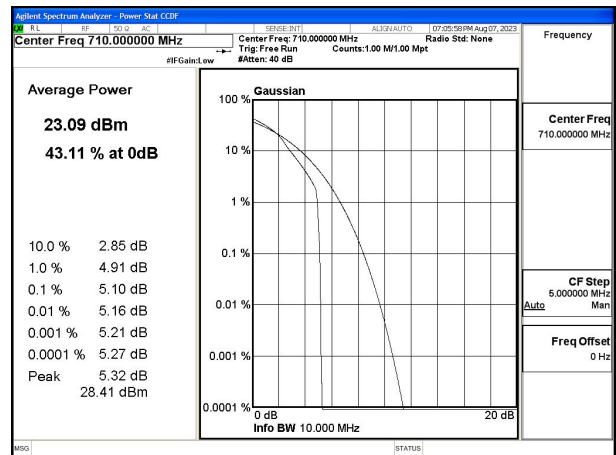


Fig.26

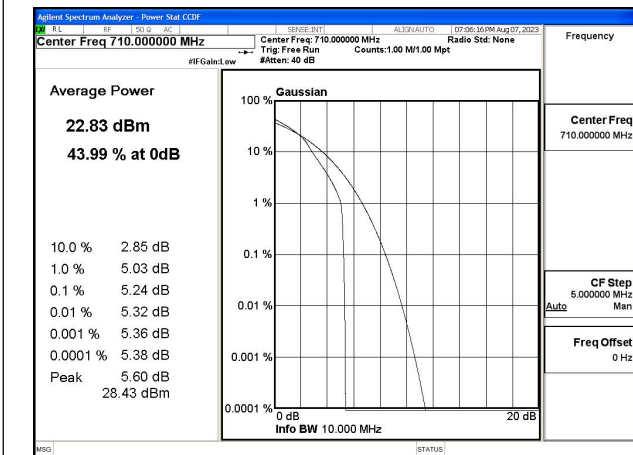


Fig.27

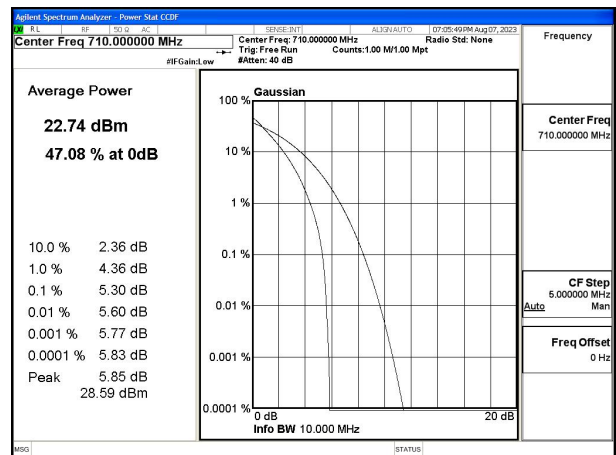


Fig.28

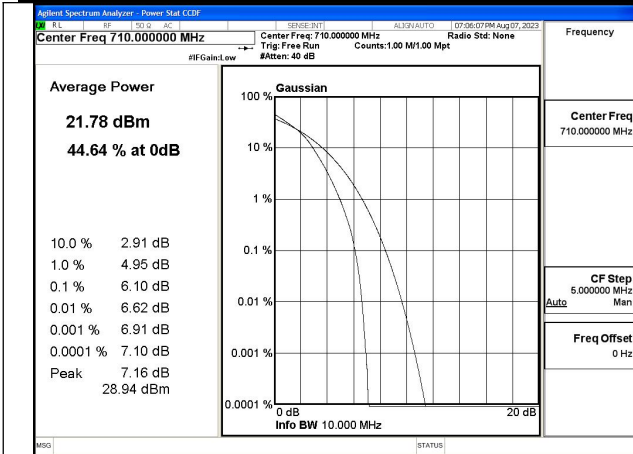


Fig.29

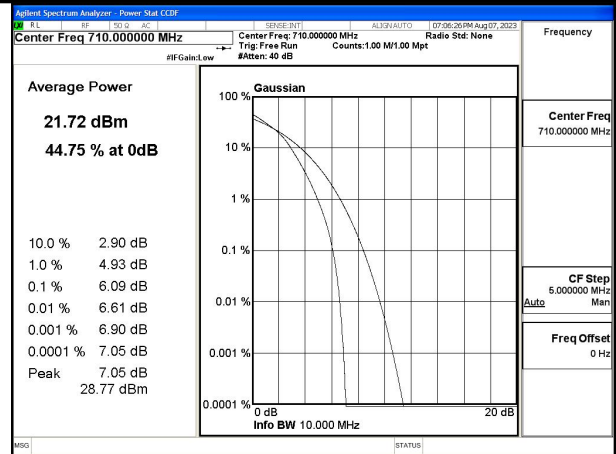


Fig.30

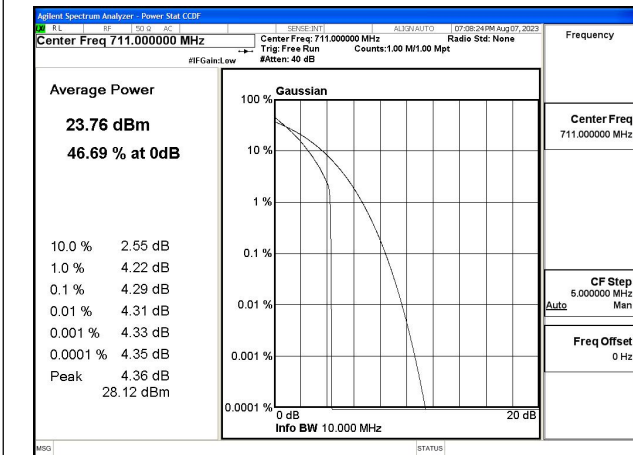


Fig.31

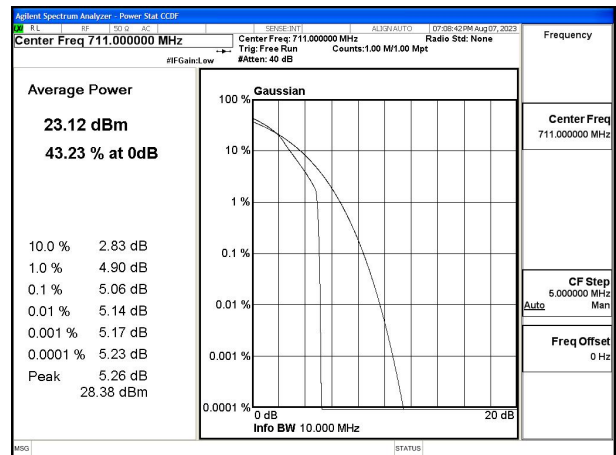


Fig.32

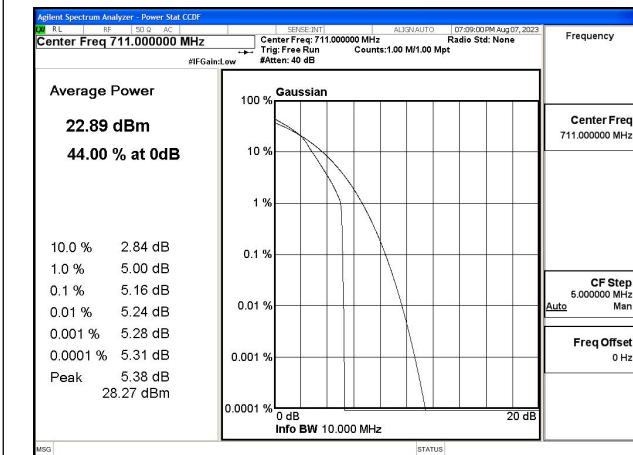


Fig.33

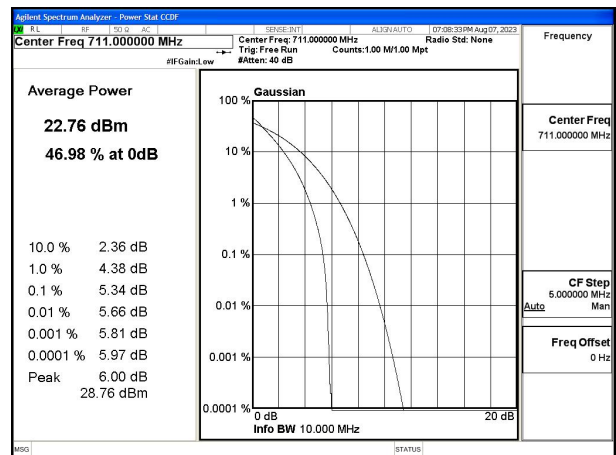


Fig.34

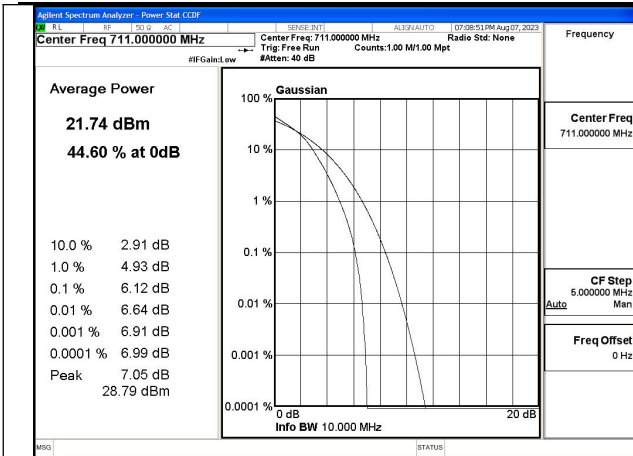


Fig.35

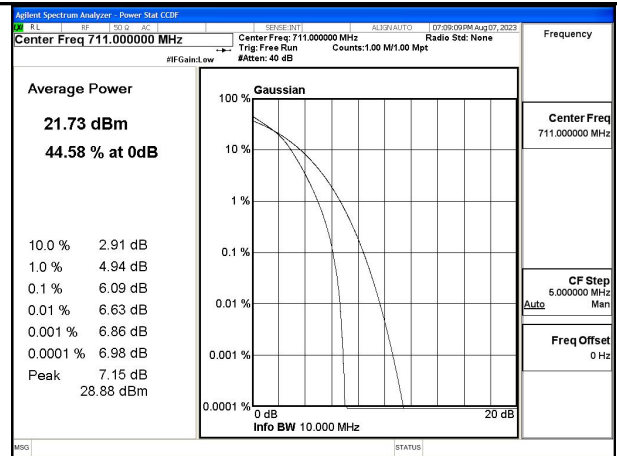


Fig.36

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

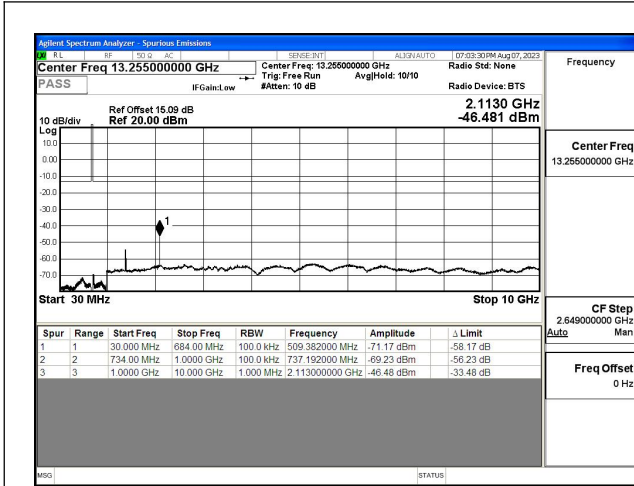


Fig.1

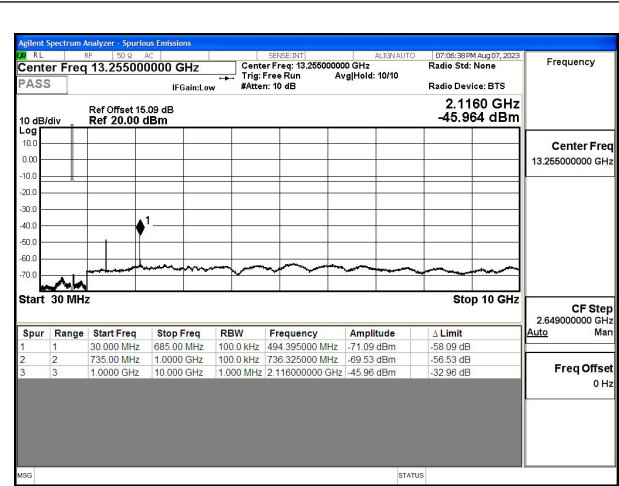


Fig.2

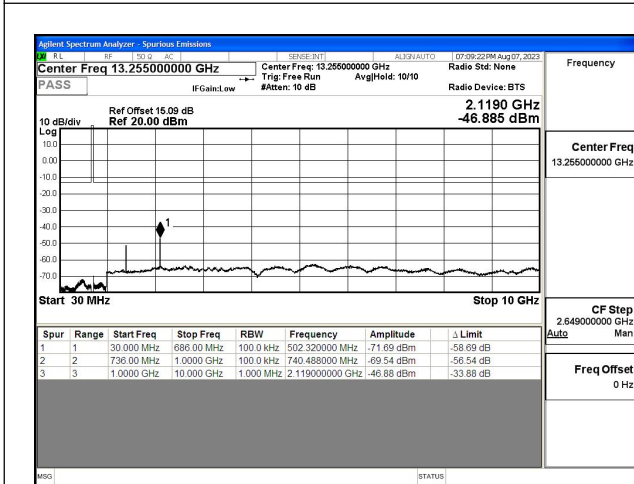
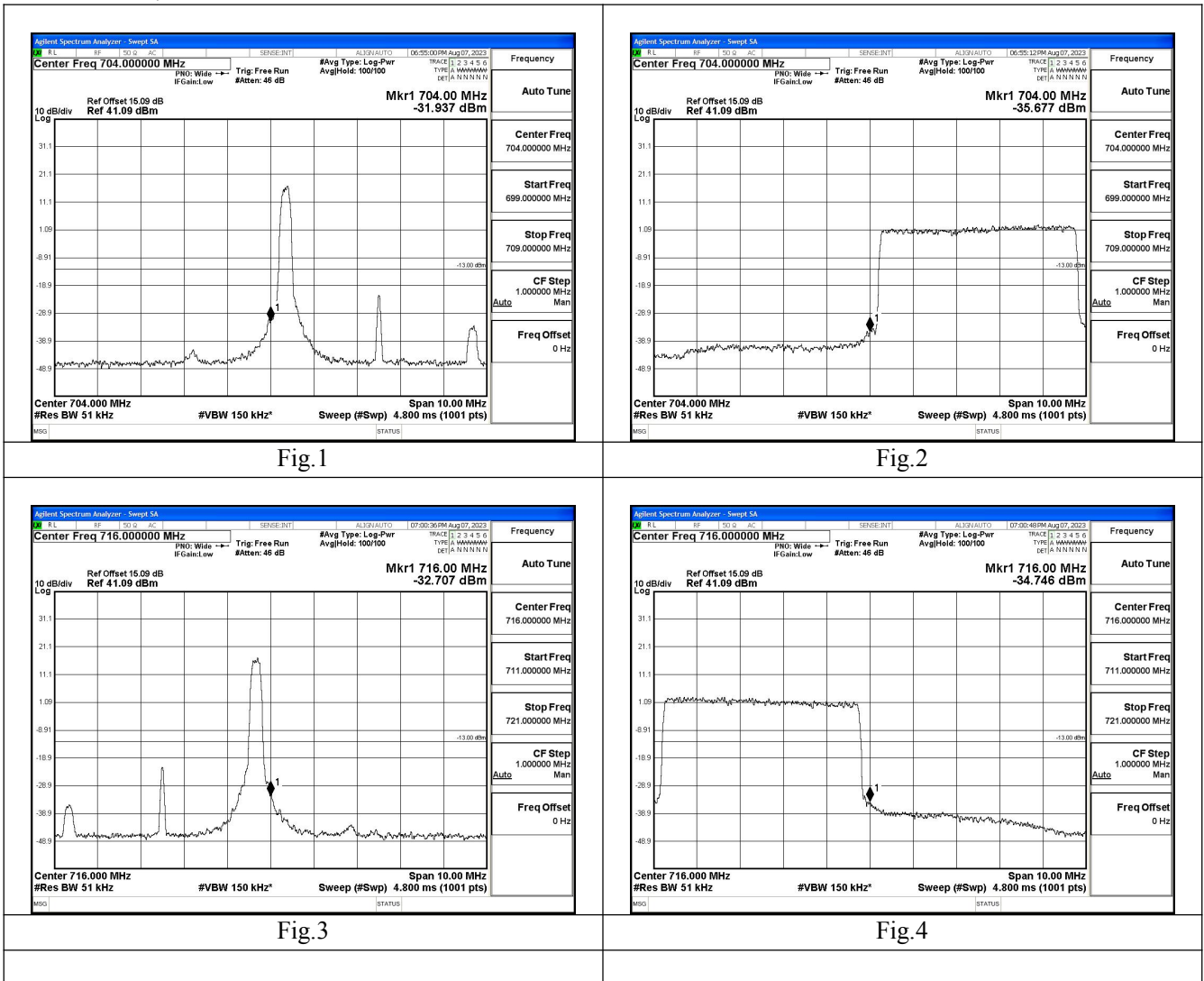


Fig.3

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



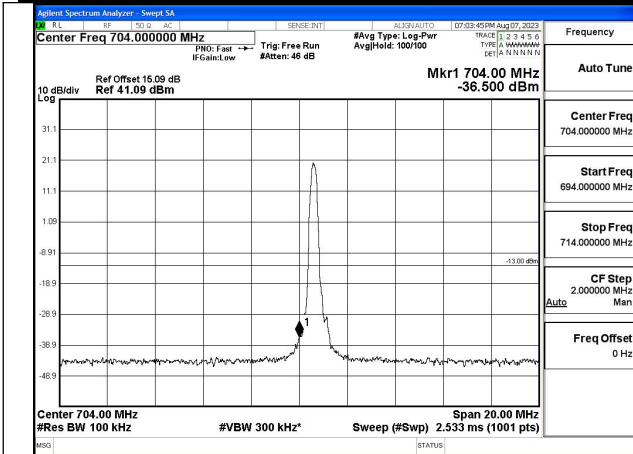


Fig.5

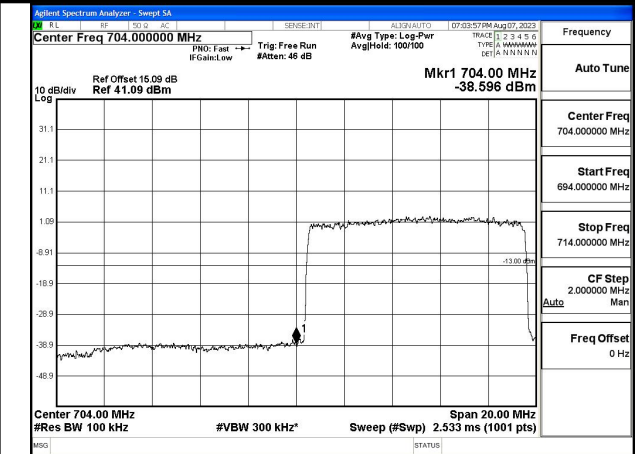


Fig.6

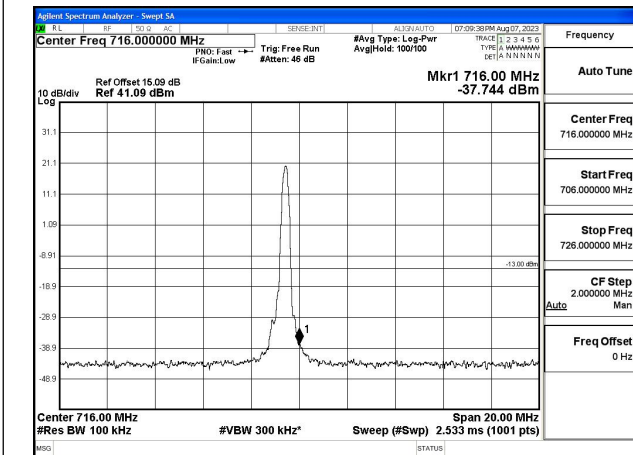


Fig.7

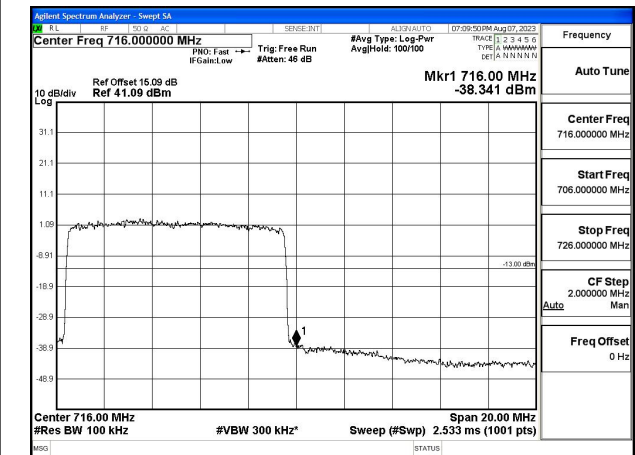


Fig.8

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band 17 Low Channel QPSK	
		5M	10M
-10	NV	-0.003	0.005
0	NV	-0.002	0.005
+10	NV	0.004	-0.005
+20	NV	0.000	-0.007
+30	NV	0.000	-0.004
+40	NV	-0.001	-0.005
+50	NV	-0.002	0.004
+55	NV	-0.004	-0.002
+20	LV	0.005	0.006
+20	HV	-0.002	-0.005

Temperature(°C)	Voltage	Test Result (ppm) Band 17 High Channel QPSK	
		5M	10M
-10	NV	0.001	0.004
0	NV	0.001	-0.006
+10	NV	0.004	0.006
+20	NV	0.002	0.005
+30	NV	-0.002	0.006
+40	NV	0.002	0.004
+50	NV	0.003	0.006
+55	NV	-0.001	-0.006
+20	LV	-0.002	0.004
+20	HV	-0.003	-0.006

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	23.55	10.50	0.011
QPSK	706.5	23755	5	1	12	23.42	10.37	0.011
QPSK	706.5	23755	5	1	24	23.45	10.40	0.011
QPSK	706.5	23755	5	12	0	22.43	9.38	0.009
QPSK	706.5	23755	5	12	7	22.54	9.49	0.009
QPSK	706.5	23755	5	12	13	22.46	9.41	0.009
QPSK	706.5	23755	5	25	0	22.48	9.43	0.009
QPSK	710	23790	5	1	0	23.48	10.43	0.011
QPSK	710	23790	5	1	12	23.48	10.43	0.011
QPSK	710	23790	5	1	24	23.34	10.29	0.011
QPSK	710	23790	5	12	0	22.39	9.34	0.009
QPSK	710	23790	5	12	7	22.51	9.46	0.009
QPSK	710	23790	5	12	13	22.48	9.43	0.009
QPSK	710	23790	5	25	0	22.44	9.39	0.009
QPSK	713.5	23825	5	1	0	23.46	10.41	0.011
QPSK	713.5	23825	5	1	12	23.49	10.44	0.011
QPSK	713.5	23825	5	1	24	23.42	10.37	0.011
QPSK	713.5	23825	5	12	0	22.38	9.33	0.009
QPSK	713.5	23825	5	12	7	22.51	9.46	0.009
QPSK	713.5	23825	5	12	13	22.47	9.42	0.009
QPSK	713.5	23825	5	25	0	22.46	9.41	0.009

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	22.66	9.61	0.009
16QAM	706.5	23755	5	1	12	22.69	9.64	0.009
16QAM	706.5	23755	5	1	24	22.64	9.59	0.009
16QAM	706.5	23755	5	12	0	21.51	8.46	0.007
16QAM	706.5	23755	5	12	7	21.58	8.53	0.007
16QAM	706.5	23755	5	12	13	21.56	8.51	0.007
16QAM	706.5	23755	5	25	0	21.47	8.42	0.007
16QAM	710	23790	5	1	0	22.81	9.76	0.009
16QAM	710	23790	5	1	12	22.88	9.83	0.010
16QAM	710	23790	5	1	24	22.76	9.71	0.009
16QAM	710	23790	5	12	0	21.53	8.48	0.007
16QAM	710	23790	5	12	7	21.77	8.72	0.007
16QAM	710	23790	5	12	13	21.50	8.45	0.007
16QAM	710	23790	5	25	0	21.49	8.44	0.007
16QAM	713.5	23825	5	1	0	22.67	9.62	0.009
16QAM	713.5	23825	5	1	12	22.60	9.55	0.009
16QAM	713.5	23825	5	1	24	22.92	9.87	0.010
16QAM	713.5	23825	5	12	0	21.50	8.45	0.007
16QAM	713.5	23825	5	12	7	21.62	8.57	0.007
16QAM	713.5	23825	5	12	13	21.44	8.39	0.007
16QAM	713.5	23825	5	25	0	21.39	8.34	0.007
64QAM	706.5	23755	5	1	0	22.58	9.53	0.009
64QAM	706.5	23755	5	1	12	22.43	9.38	0.009
64QAM	706.5	23755	5	1	24	22.48	9.43	0.009
64QAM	706.5	23755	5	12	0	21.50	8.45	0.007
64QAM	706.5	23755	5	12	7	21.55	8.50	0.007
64QAM	706.5	23755	5	12	13	21.55	8.50	0.007
64QAM	706.5	23755	5	25	0	21.48	8.43	0.007
64QAM	710	23790	5	1	0	22.50	9.45	0.009
64QAM	710	23790	5	1	12	22.83	9.78	0.010
64QAM	710	23790	5	1	24	22.51	9.46	0.009
64QAM	710	23790	5	12	0	21.53	8.48	0.007
64QAM	710	23790	5	12	7	21.54	8.49	0.007
64QAM	710	23790	5	12	13	21.49	8.44	0.007
64QAM	710	23790	5	25	0	21.39	8.34	0.007
64QAM	713.5	23825	5	1	0	22.77	9.72	0.009
64QAM	713.5	23825	5	1	12	22.60	9.55	0.009
64QAM	713.5	23825	5	1	24	22.57	9.52	0.009
64QAM	713.5	23825	5	12	0	21.45	8.40	0.007
64QAM	713.5	23825	5	12	7	21.64	8.59	0.007
64QAM	713.5	23825	5	12	13	21.55	8.50	0.007
64QAM	713.5	23825	5	25	0	21.48	8.43	0.007

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	23.52	10.47	0.011
QPSK	709	23780	10	1	25	23.61	10.56	0.011
QPSK	709	23780	10	1	49	23.50	10.45	0.011
QPSK	709	23780	10	25	0	22.47	9.42	0.009
QPSK	709	23780	10	25	12	22.59	9.54	0.009
QPSK	709	23780	10	25	25	22.49	9.44	0.009
QPSK	709	23780	10	50	0	22.60	9.55	0.009
QPSK	710	23790	10	1	0	23.50	10.45	0.011
QPSK	710	23790	10	1	25	23.56	10.51	0.011
QPSK	710	23790	10	1	49	23.28	10.23	0.011
QPSK	710	23790	10	25	0	22.46	9.41	0.009
QPSK	710	23790	10	25	12	22.49	9.44	0.009
QPSK	710	23790	10	25	25	22.45	9.40	0.009
QPSK	710	23790	10	50	0	22.40	9.35	0.009
QPSK	711	23800	10	1	0	23.49	10.44	0.011
QPSK	711	23800	10	1	25	23.59	10.54	0.011
QPSK	711	23800	10	1	49	23.34	10.29	0.011
QPSK	711	23800	10	25	0	22.52	9.47	0.009
QPSK	711	23800	10	25	12	22.50	9.45	0.009
QPSK	711	23800	10	25	25	22.46	9.41	0.009
QPSK	711	23800	10	50	0	22.55	9.50	0.009

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	22.76	9.71	0.009
16QAM	709	23780	10	1	25	22.88	9.83	0.010
16QAM	709	23780	10	1	49	22.60	9.55	0.009
16QAM	709	23780	10	25	0	21.45	8.40	0.007
16QAM	709	23780	10	25	12	21.59	8.54	0.007
16QAM	709	23780	10	25	25	21.63	8.58	0.007
16QAM	709	23780	10	50	0	21.58	8.53	0.007
16QAM	710	23790	10	1	0	23.32	10.27	0.011
16QAM	710	23790	10	1	25	22.89	9.84	0.010
16QAM	710	23790	10	1	49	22.67	9.62	0.009
16QAM	710	23790	10	25	0	21.41	8.36	0.007
16QAM	710	23790	10	25	12	21.49	8.44	0.007
16QAM	710	23790	10	25	25	21.51	8.46	0.007
16QAM	710	23790	10	50	0	21.49	8.44	0.007
16QAM	711	23800	10	1	0	23.10	10.05	0.010
16QAM	711	23800	10	1	25	22.45	9.40	0.009
16QAM	711	23800	10	1	49	23.04	9.99	0.010
16QAM	711	23800	10	25	0	21.53	8.48	0.007
16QAM	711	23800	10	25	12	21.57	8.52	0.007
16QAM	711	23800	10	25	25	21.40	8.35	0.007
16QAM	711	23800	10	50	0	21.48	8.43	0.007
64QAM	709	23780	10	1	0	22.64	9.59	0.009
64QAM	709	23780	10	1	25	22.38	9.33	0.009
64QAM	709	23780	10	1	49	22.44	9.39	0.009
64QAM	709	23780	10	25	0	21.50	8.45	0.007
64QAM	709	23780	10	25	12	21.47	8.42	0.007
64QAM	709	23780	10	25	25	21.46	8.41	0.007
64QAM	709	23780	10	50	0	21.46	8.41	0.007
64QAM	710	23790	10	1	0	22.50	9.45	0.009
64QAM	710	23790	10	1	25	22.75	9.70	0.009
64QAM	710	23790	10	1	49	22.46	9.41	0.009
64QAM	710	23790	10	25	0	21.59	8.54	0.007
64QAM	710	23790	10	25	12	21.49	8.44	0.007
64QAM	710	23790	10	25	25	21.44	8.39	0.007
64QAM	710	23790	10	50	0	21.40	8.35	0.007
64QAM	711	23800	10	1	0	22.59	9.54	0.009
64QAM	711	23800	10	1	25	22.66	9.61	0.009
64QAM	711	23800	10	1	49	22.57	9.52	0.009
64QAM	711	23800	10	25	0	21.59	8.54	0.007
64QAM	711	23800	10	25	12	21.50	8.45	0.007
64QAM	711	23800	10	25	25	21.52	8.47	0.007
64QAM	711	23800	10	50	0	21.39	8.34	0.007