

Fig.11

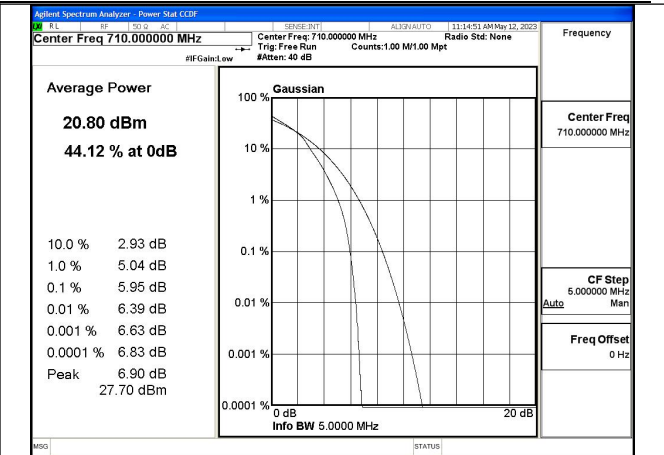


Fig.12

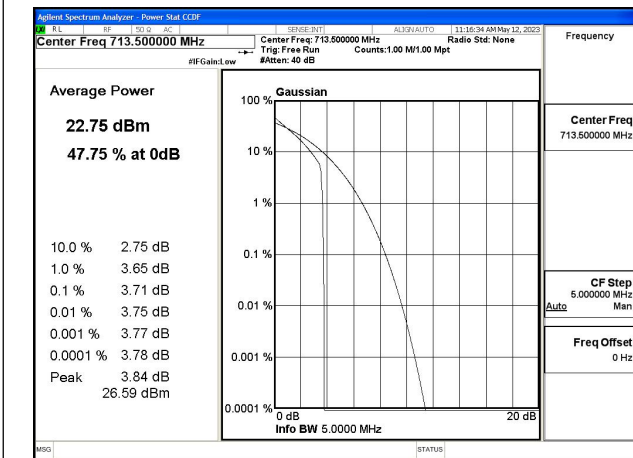


Fig.13

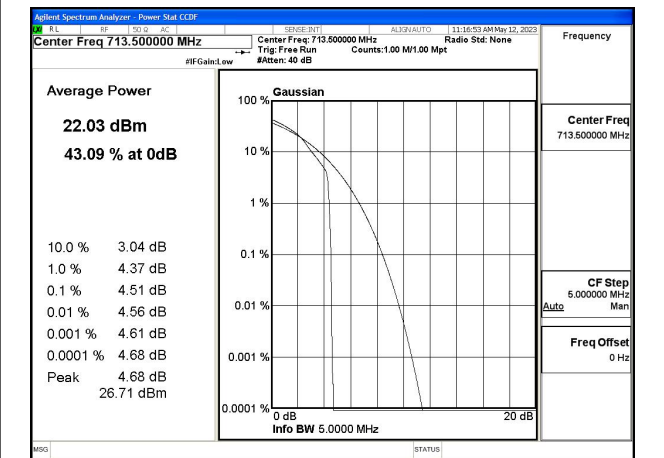


Fig.14

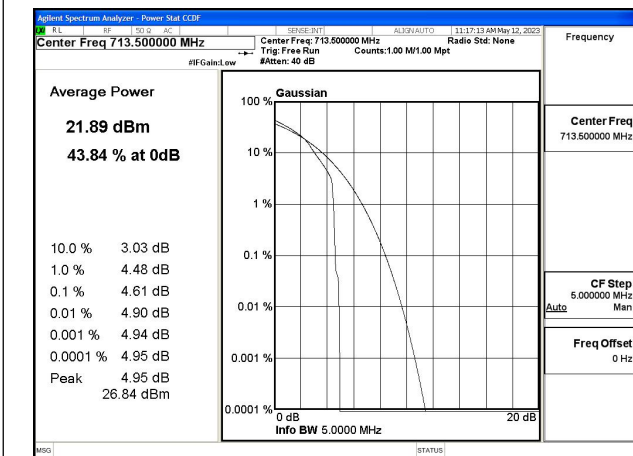


Fig.15

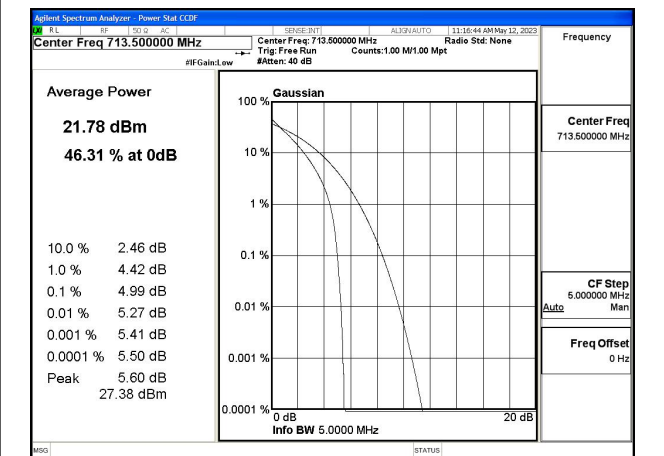


Fig.16

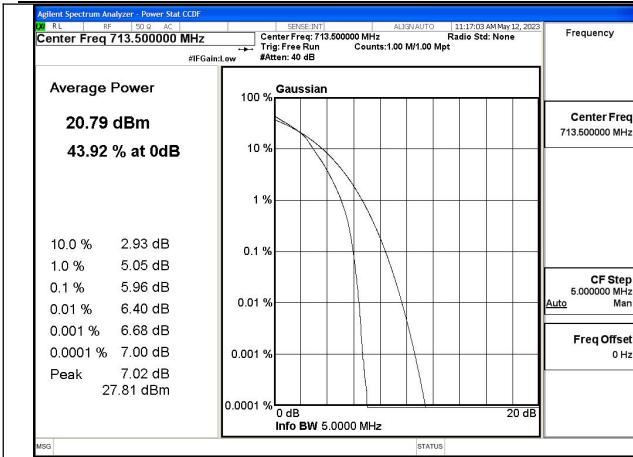


Fig.17

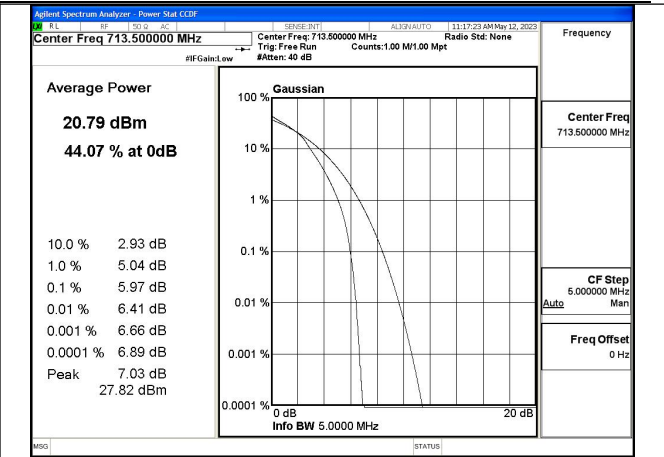


Fig.18

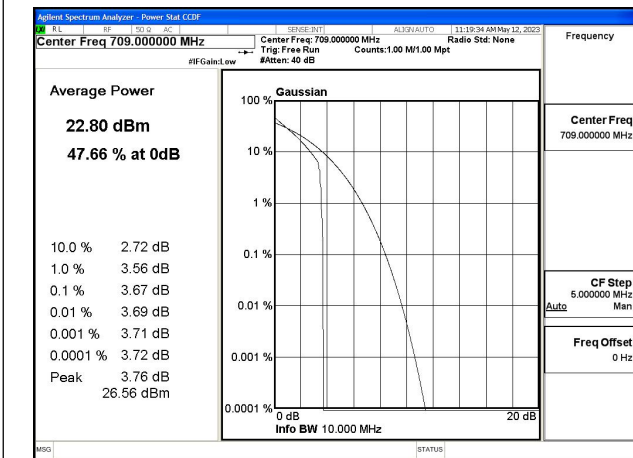


Fig.19

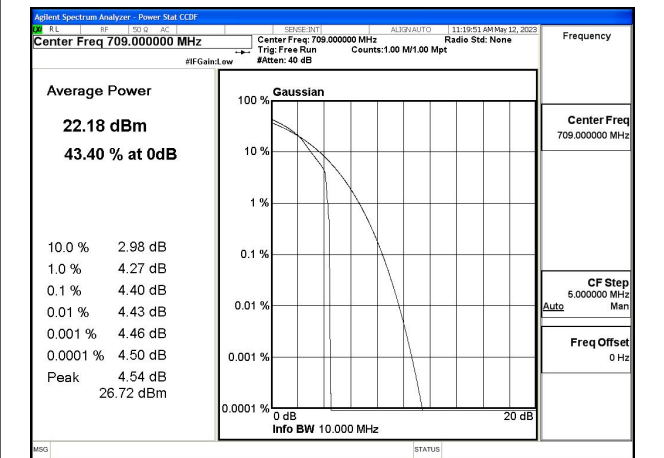


Fig.20

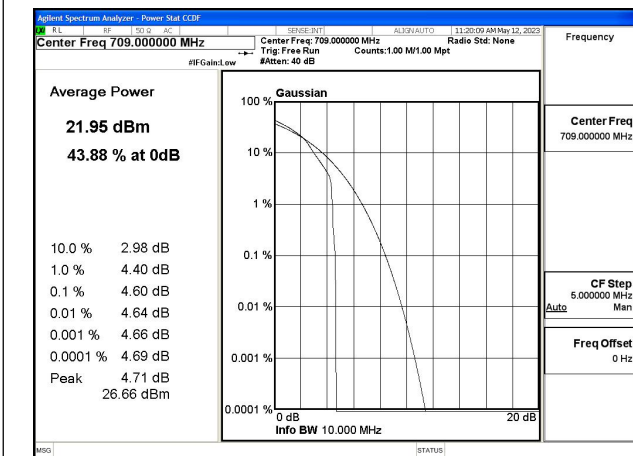


Fig.21

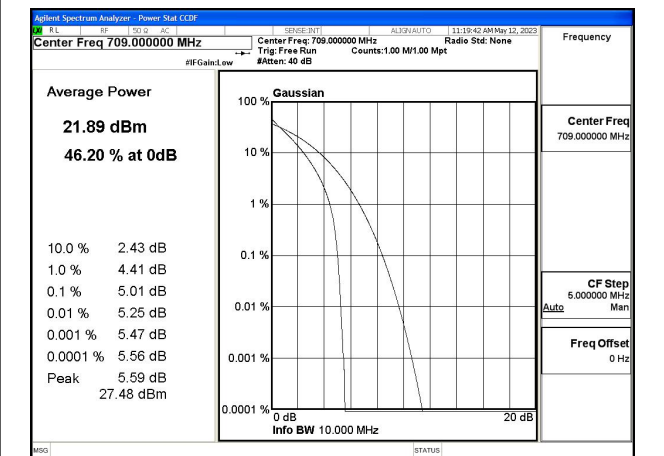


Fig.22

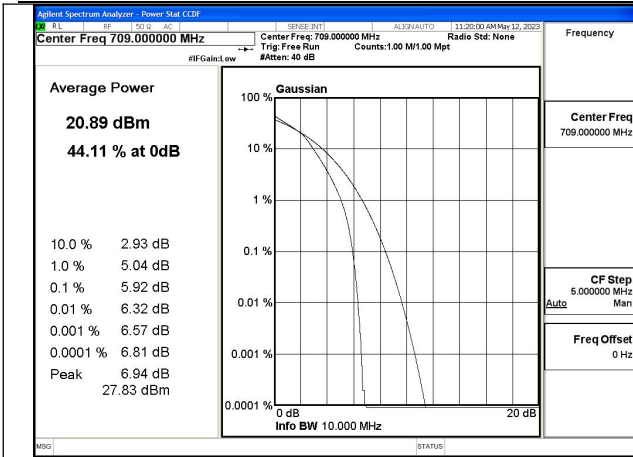


Fig.23

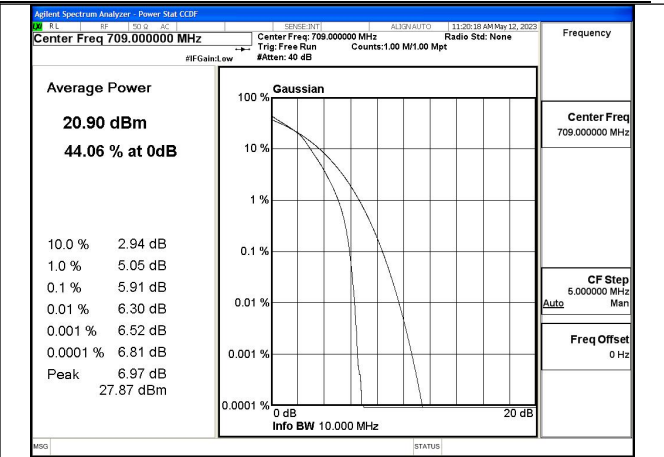


Fig.24

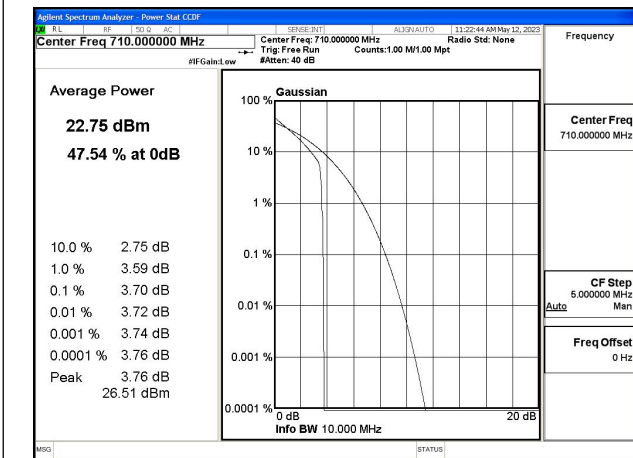


Fig.25

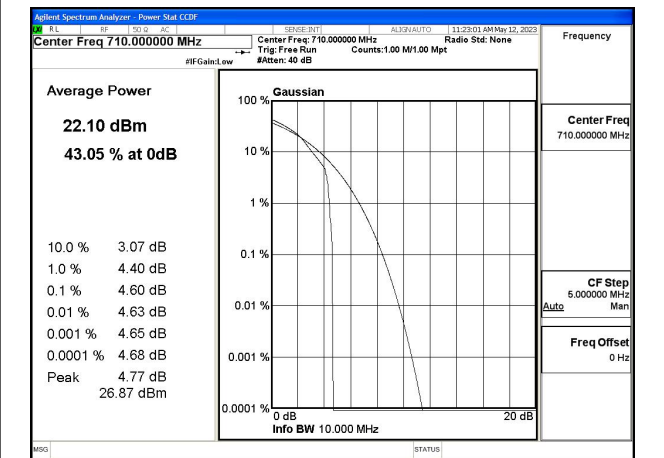


Fig.26

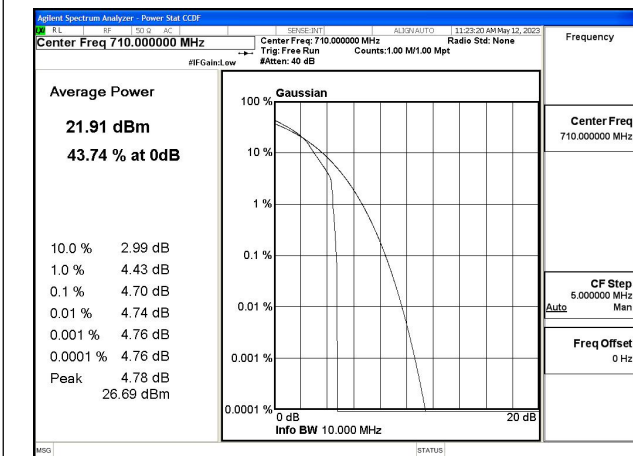


Fig.27

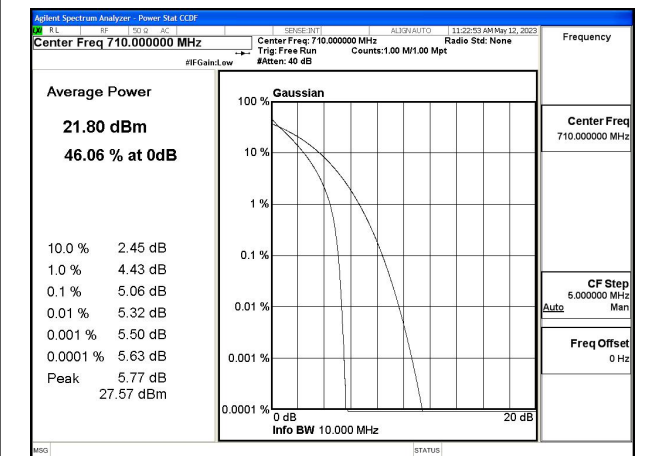


Fig.28

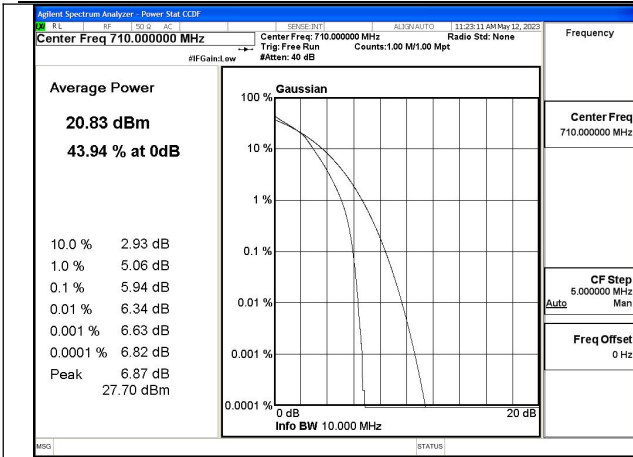


Fig.29

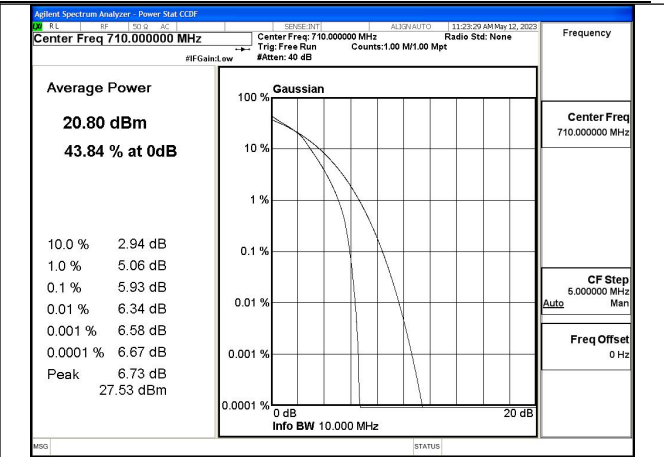


Fig.30

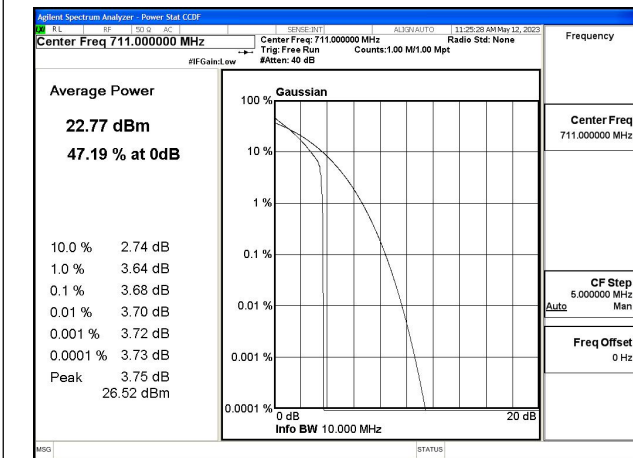


Fig.31

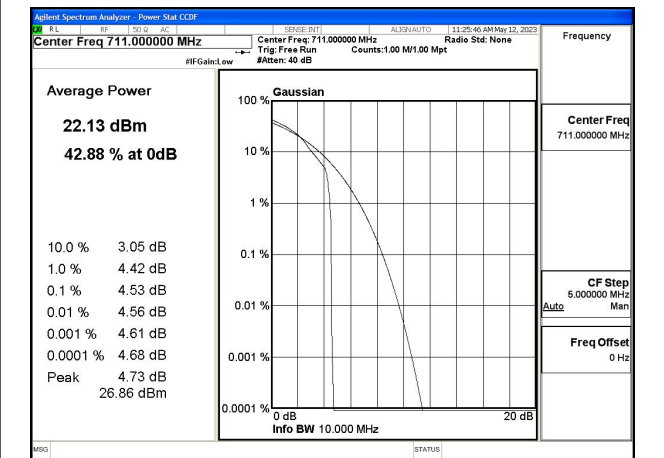


Fig.32

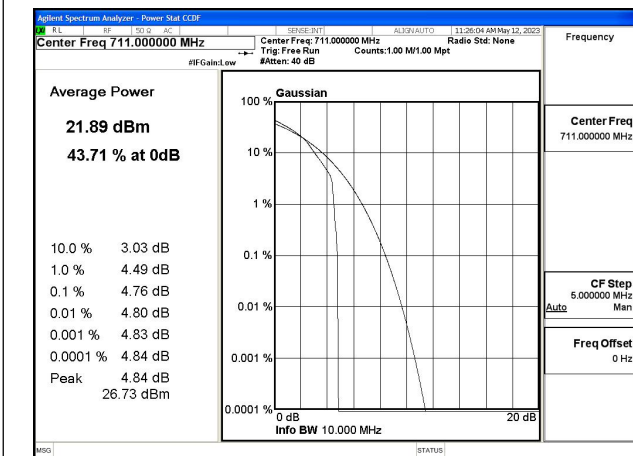


Fig.33

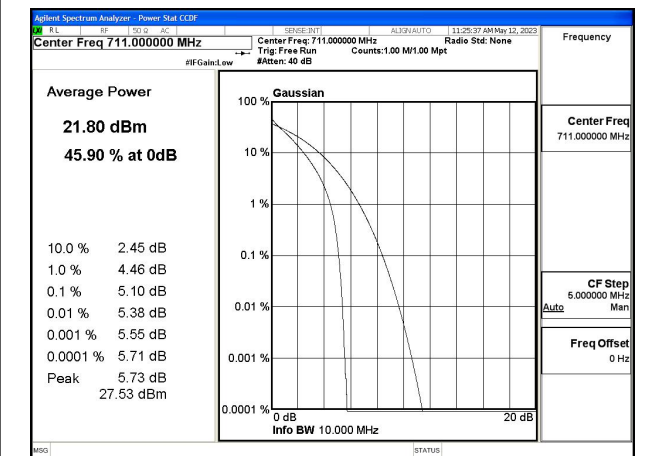


Fig.34

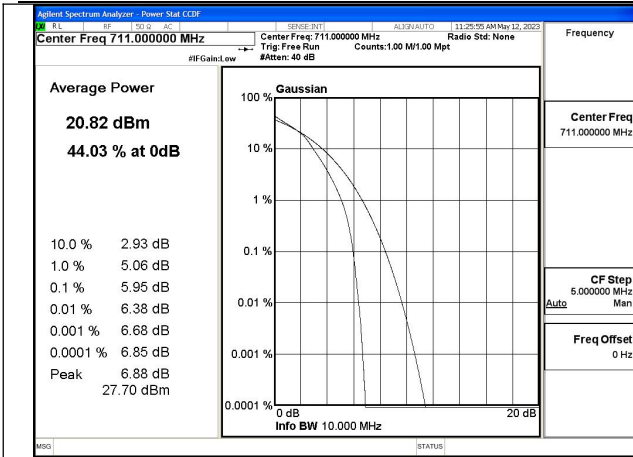


Fig.35

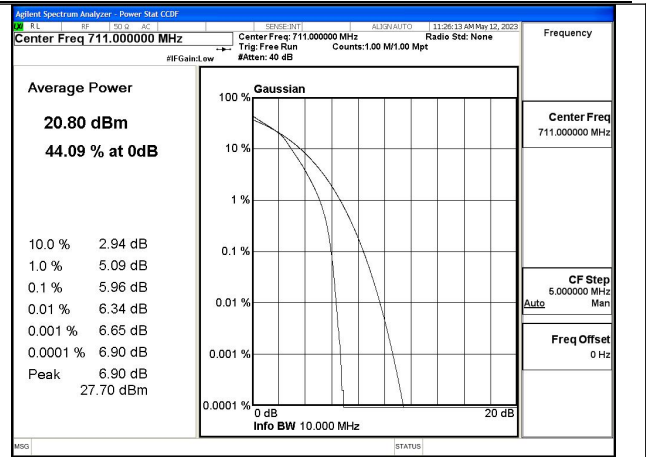


Fig.36

### 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

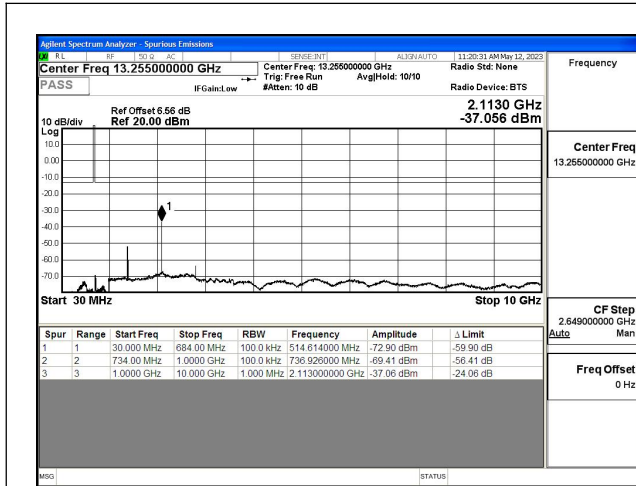


Fig.1

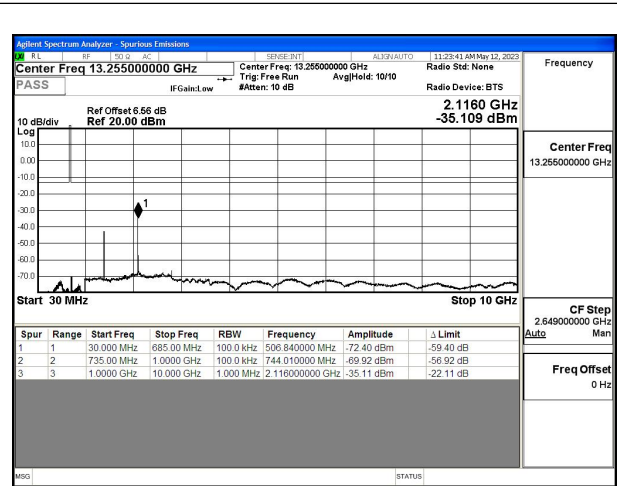


Fig.2

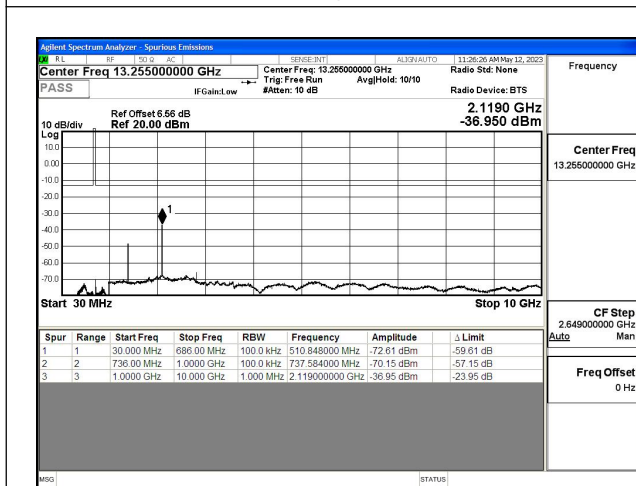


Fig.3

**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

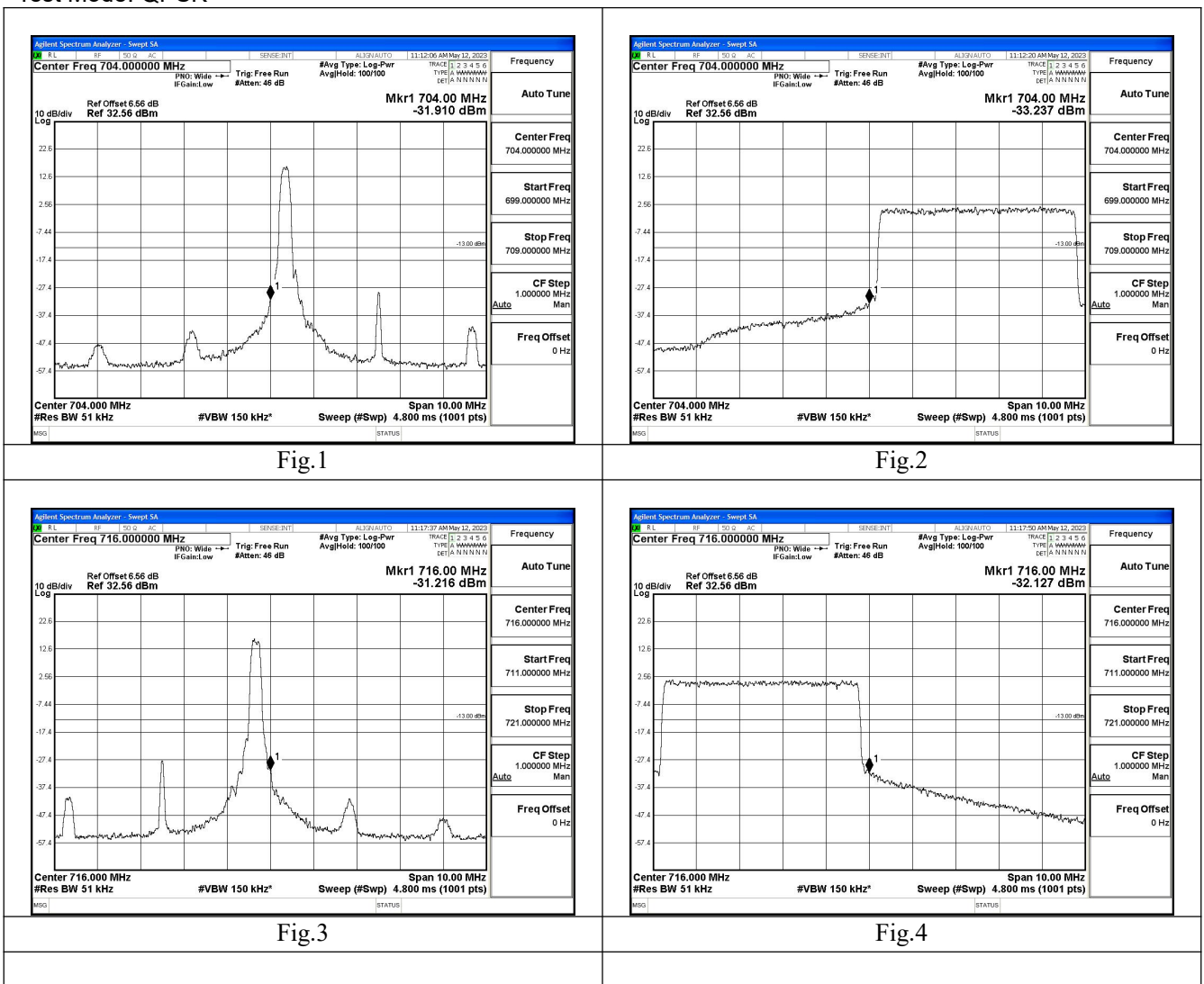


Fig.1

Fig.2

Fig.3

Fig.4

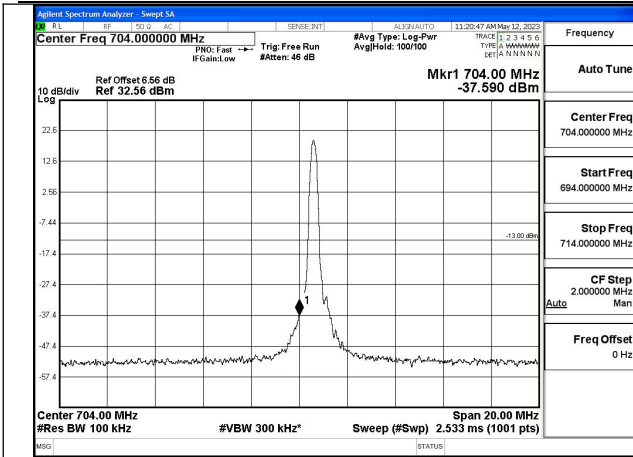


Fig.5

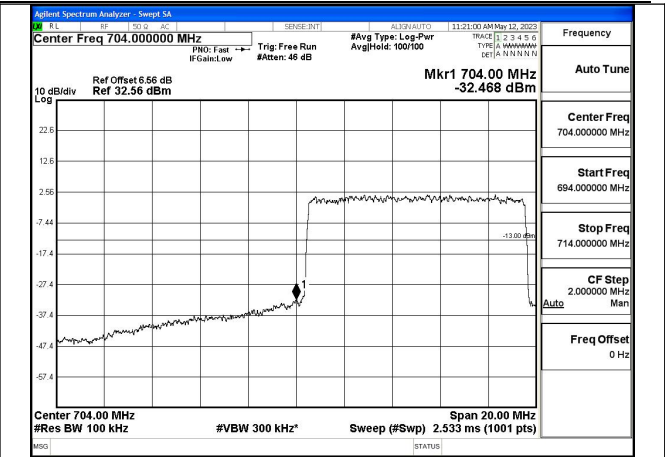


Fig.6

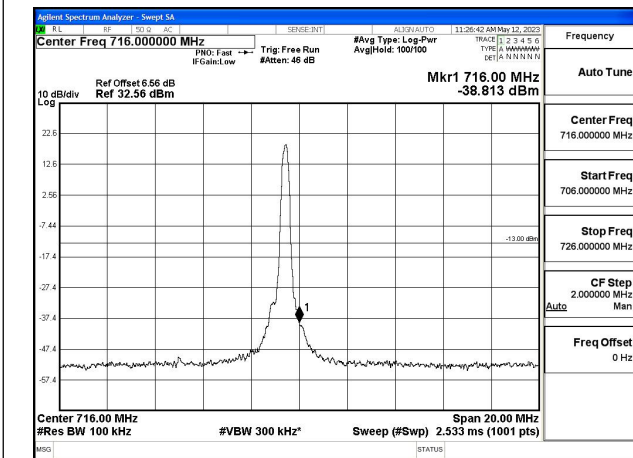


Fig.7

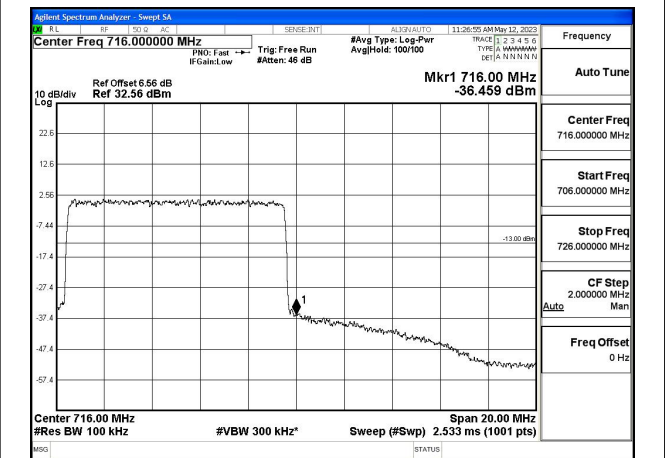


Fig.8



## 7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band 17 Low Channel QPSK	
		5M	10M
-10	NV	-0.004	-0.005
0	NV	-0.001	0.007
+10	NV	0.008	-0.006
+20	NV	-0.002	0.006
+30	NV	0.001	0.008
+40	NV	-0.002	0.006
+50	NV	0.004	-0.007
+55	NV	0.006	-0.004
+20	LV	-0.002	0.005
+20	HV	-0.004	0.007

Temperature(°C)	Voltage	Test Result (ppm) Band 17 High Channel QPSK	
		5M	10M
-10	NV	0.005	-0.007
0	NV	0.002	0.004
+10	NV	-0.002	0.005
+20	NV	0.001	0.007
+30	NV	0.008	0.005
+40	NV	0.005	0.005
+50	NV	0.004	-0.006
+55	NV	-0.002	0.005
+20	LV	-0.001	-0.005
+20	HV	-0.002	-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	23.01	12.76	0.019
QPSK	706.5	23755	5	1	12	22.99	12.74	0.019
QPSK	706.5	23755	5	1	24	22.93	12.68	0.019
QPSK	706.5	23755	5	12	0	21.99	11.74	0.015
QPSK	706.5	23755	5	12	7	22.08	11.83	0.015
QPSK	706.5	23755	5	12	13	22.05	11.80	0.015
QPSK	706.5	23755	5	25	0	22.08	11.83	0.015
QPSK	710	23790	5	1	0	23.22	12.97	0.020
QPSK	710	23790	5	1	12	23.09	12.84	0.019
QPSK	710	23790	5	1	24	22.96	12.71	0.019
QPSK	710	23790	5	12	0	22.07	11.82	0.015
QPSK	710	23790	5	12	7	22.05	11.80	0.015
QPSK	710	23790	5	12	13	22.10	11.85	0.015
QPSK	710	23790	5	25	0	22.01	11.76	0.015
QPSK	713.5	23825	5	1	0	23.14	12.89	0.019
QPSK	713.5	23825	5	1	12	23.34	13.09	0.020
QPSK	713.5	23825	5	1	24	22.74	12.49	0.018
QPSK	713.5	23825	5	12	0	22.03	11.78	0.015
QPSK	713.5	23825	5	12	7	22.08	11.83	0.015
QPSK	713.5	23825	5	12	13	22.04	11.79	0.015
QPSK	713.5	23825	5	25	0	21.90	11.65	0.015

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	22.41	12.16	0.016
16QAM	706.5	23755	5	1	12	22.55	12.30	0.017
16QAM	706.5	23755	5	1	24	22.38	12.13	0.016
16QAM	706.5	23755	5	12	0	21.09	10.84	0.012
16QAM	706.5	23755	5	12	7	21.15	10.90	0.012
16QAM	706.5	23755	5	12	13	21.09	10.84	0.012
16QAM	706.5	23755	5	25	0	21.06	10.81	0.012
16QAM	710	23790	5	1	0	22.41	12.16	0.016
16QAM	710	23790	5	1	12	22.37	12.12	0.016
16QAM	710	23790	5	1	24	22.01	11.76	0.015
16QAM	710	23790	5	12	0	20.97	10.72	0.012
16QAM	710	23790	5	12	7	21.00	10.75	0.012
16QAM	710	23790	5	12	13	21.03	10.78	0.012
16QAM	710	23790	5	25	0	21.01	10.76	0.012
16QAM	713.5	23825	5	1	0	22.68	12.43	0.017
16QAM	713.5	23825	5	1	12	22.47	12.22	0.017
16QAM	713.5	23825	5	1	24	22.31	12.06	0.016
16QAM	713.5	23825	5	12	0	21.04	10.79	0.012
16QAM	713.5	23825	5	12	7	21.11	10.86	0.012
16QAM	713.5	23825	5	12	13	21.15	10.90	0.012
16QAM	713.5	23825	5	25	0	21.01	10.76	0.012
64QAM	706.5	23755	5	1	0	22.60	12.35	0.017
64QAM	706.5	23755	5	1	12	22.52	12.27	0.017
64QAM	706.5	23755	5	1	24	22.15	11.90	0.015
64QAM	706.5	23755	5	12	0	20.97	10.72	0.012
64QAM	706.5	23755	5	12	7	21.02	10.77	0.012
64QAM	706.5	23755	5	12	13	21.00	10.75	0.012
64QAM	706.5	23755	5	25	0	21.19	10.94	0.012
64QAM	710	23790	5	1	0	22.01	11.76	0.015
64QAM	710	23790	5	1	12	22.77	12.52	0.018
64QAM	710	23790	5	1	24	22.15	11.90	0.015
64QAM	710	23790	5	12	0	21.08	10.83	0.012
64QAM	710	23790	5	12	7	21.11	10.86	0.012
64QAM	710	23790	5	12	13	21.11	10.86	0.012
64QAM	710	23790	5	25	0	21.03	10.78	0.012
64QAM	713.5	23825	5	1	0	22.42	12.17	0.016
64QAM	713.5	23825	5	1	12	22.11	11.86	0.015
64QAM	713.5	23825	5	1	24	22.19	11.94	0.016
64QAM	713.5	23825	5	12	0	21.06	10.81	0.012
64QAM	713.5	23825	5	12	7	21.15	10.90	0.012
64QAM	713.5	23825	5	12	13	20.99	10.74	0.012
64QAM	713.5	23825	5	25	0	21.07	10.82	0.012

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	23.05	12.80	0.019
QPSK	709	23780	10	1	25	22.89	12.64	0.018
QPSK	709	23780	10	1	49	23.12	12.87	0.019
QPSK	709	23780	10	25	0	22.10	11.85	0.015
QPSK	709	23780	10	25	12	22.19	11.94	0.016
QPSK	709	23780	10	25	25	21.99	11.74	0.015
QPSK	709	23780	10	50	0	22.10	11.85	0.015
QPSK	710	23790	10	1	0	22.96	12.71	0.019
QPSK	710	23790	10	1	25	23.10	12.85	0.019
QPSK	710	23790	10	1	49	22.77	12.52	0.018
QPSK	710	23790	10	25	0	22.05	11.80	0.015
QPSK	710	23790	10	25	12	22.04	11.79	0.015
QPSK	710	23790	10	25	25	22.05	11.80	0.015
QPSK	710	23790	10	50	0	22.04	11.79	0.015
QPSK	711	23800	10	1	0	23.09	12.84	0.019
QPSK	711	23800	10	1	25	23.07	12.82	0.019
QPSK	711	23800	10	1	49	22.99	12.74	0.019
QPSK	711	23800	10	25	0	22.06	11.81	0.015
QPSK	711	23800	10	25	12	21.99	11.74	0.015
QPSK	711	23800	10	25	25	22.06	11.81	0.015
QPSK	711	23800	10	50	0	22.01	11.76	0.015

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	22.65	12.40	0.017
16QAM	709	23780	10	1	25	22.58	12.33	0.017
16QAM	709	23780	10	1	49	22.56	12.31	0.017
16QAM	709	23780	10	25	0	21.12	10.87	0.012
16QAM	709	23780	10	25	12	21.10	10.85	0.012
16QAM	709	23780	10	25	25	21.10	10.85	0.012
16QAM	709	23780	10	50	0	21.14	10.89	0.012
16QAM	710	23790	10	1	0	22.34	12.09	0.016
16QAM	710	23790	10	1	25	22.37	12.12	0.016
16QAM	710	23790	10	1	49	22.10	11.85	0.015
16QAM	710	23790	10	25	0	21.13	10.88	0.012
16QAM	710	23790	10	25	12	21.01	10.76	0.012
16QAM	710	23790	10	25	25	21.13	10.88	0.012
16QAM	710	23790	10	50	0	20.92	10.67	0.012
16QAM	711	23800	10	1	0	22.78	12.53	0.018
16QAM	711	23800	10	1	25	22.73	12.48	0.018
16QAM	711	23800	10	1	49	22.37	12.12	0.016
16QAM	711	23800	10	25	0	21.01	10.76	0.012
16QAM	711	23800	10	25	12	21.01	10.76	0.012
16QAM	711	23800	10	25	25	21.05	10.80	0.012
16QAM	711	23800	10	50	0	21.06	10.81	0.012
64QAM	709	23780	10	1	0	22.33	12.08	0.016
64QAM	709	23780	10	1	25	22.11	11.86	0.015
64QAM	709	23780	10	1	49	22.34	12.09	0.016
64QAM	709	23780	10	25	0	21.05	10.80	0.012
64QAM	709	23780	10	25	12	21.15	10.90	0.012
64QAM	709	23780	10	25	25	21.15	10.90	0.012
64QAM	709	23780	10	50	0	21.00	10.75	0.012
64QAM	710	23790	10	1	0	22.16	11.91	0.016
64QAM	710	23790	10	1	25	22.30	12.05	0.016
64QAM	710	23790	10	1	49	22.02	11.77	0.015
64QAM	710	23790	10	25	0	21.12	10.87	0.012
64QAM	710	23790	10	25	12	21.14	10.89	0.012
64QAM	710	23790	10	25	25	21.11	10.86	0.012
64QAM	710	23790	10	50	0	20.99	10.74	0.012
64QAM	711	23800	10	1	0	22.42	12.17	0.016
64QAM	711	23800	10	1	25	22.13	11.88	0.015
64QAM	711	23800	10	1	49	22.25	12.00	0.016
64QAM	711	23800	10	25	0	21.07	10.82	0.012
64QAM	711	23800	10	25	12	20.94	10.69	0.012
64QAM	711	23800	10	25	25	21.06	10.81	0.012
64QAM	711	23800	10	50	0	20.91	10.66	0.012