

Fig.5

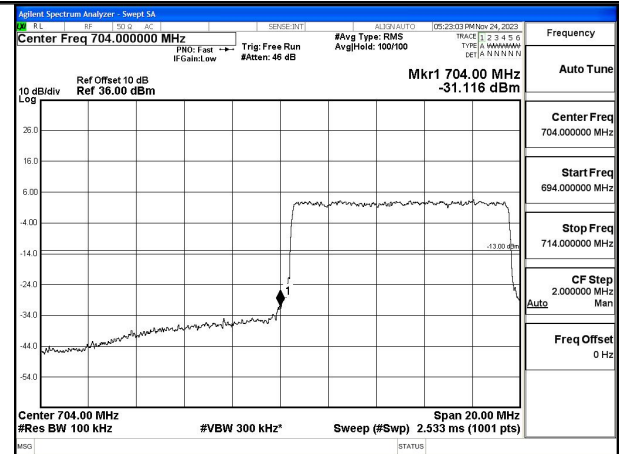


Fig.6

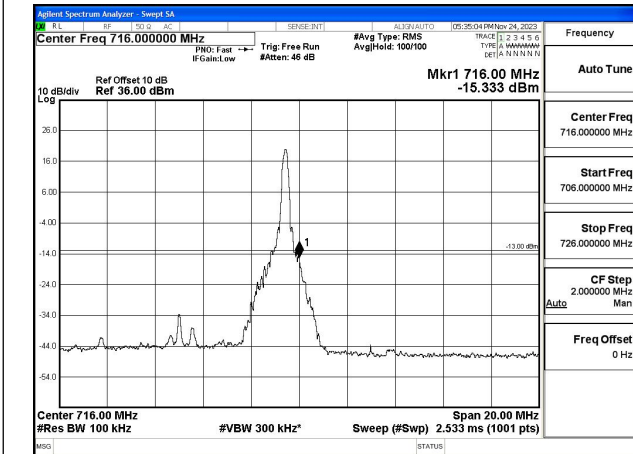


Fig.7

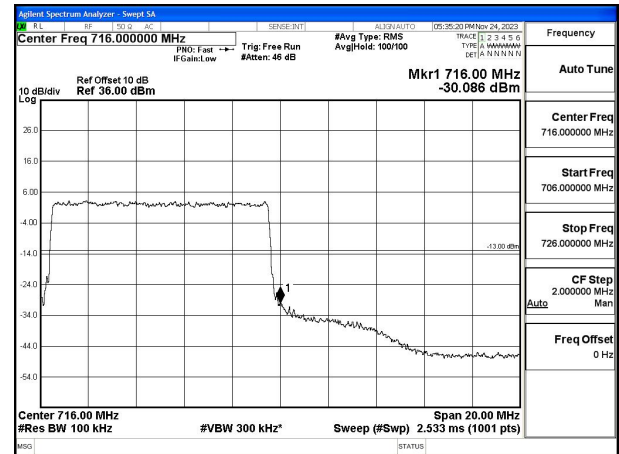


Fig.8

**7 Frequency Stability**

Temperature(°C)	Voltage	Test Result (ppm) Band 17 Low Channel QPSK	
		5M	10M
0	NV	-0.016	-0.014
+10	NV	-0.007	-0.011
+20	NV	-0.011	-0.013
+30	NV	-0.012	-0.009
+45	NV	-0.011	-0.016
+20	LV	-0.005	-0.010
+20	HV	-0.008	-0.016

Temperature(°C)	Voltage	Test Result (ppm) Band 17 High Channel QPSK	
		5M	10M
0	NV	-0.005	-0.015
+10	NV	-0.017	-0.009
+20	NV	-0.014	-0.010
+30	NV	-0.015	-0.012
+45	NV	-0.014	-0.016
+20	LV	-0.017	-0.010
+20	HV	0.000	-0.015

### 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	23.04	16.51	0.045
QPSK	706.5	23755	5	1	12	23.29	16.76	0.047
QPSK	706.5	23755	5	1	24	23.04	16.51	0.045
QPSK	706.5	23755	5	12	0	22.14	15.61	0.036
QPSK	706.5	23755	5	12	7	22.13	15.60	0.036
QPSK	706.5	23755	5	12	13	22.13	15.60	0.036
QPSK	706.5	23755	5	25	0	22.06	15.53	0.036
QPSK	710	23790	5	1	0	23.10	16.57	0.045
QPSK	710	23790	5	1	12	23.27	16.74	0.047
QPSK	710	23790	5	1	24	23.13	16.60	0.046
QPSK	710	23790	5	12	0	22.13	15.60	0.036
QPSK	710	23790	5	12	7	22.14	15.61	0.036
QPSK	710	23790	5	12	13	22.08	15.55	0.036
QPSK	710	23790	5	25	0	22.09	15.56	0.036
QPSK	713.5	23825	5	1	0	23.06	16.53	0.045
QPSK	713.5	23825	5	1	12	23.32	16.79	0.048
QPSK	713.5	23825	5	1	24	23.04	16.51	0.045
QPSK	713.5	23825	5	12	0	22.14	15.61	0.036
QPSK	713.5	23825	5	12	7	22.15	15.62	0.036
QPSK	713.5	23825	5	12	13	22.16	15.63	0.037
QPSK	713.5	23825	5	25	0	22.12	15.59	0.036

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	22.11	15.58	0.036
16QAM	706.5	23755	5	1	12	22.44	15.91	0.039
16QAM	706.5	23755	5	1	24	22.12	15.59	0.036
16QAM	706.5	23755	5	12	0	21.10	14.57	0.029
16QAM	706.5	23755	5	12	7	21.12	14.59	0.029
16QAM	706.5	23755	5	12	13	21.19	14.66	0.029
16QAM	706.5	23755	5	25	0	21.09	14.56	0.029
16QAM	710	23790	5	1	0	22.45	15.92	0.039
16QAM	710	23790	5	1	12	22.61	16.08	0.041
16QAM	710	23790	5	1	24	22.38	15.85	0.038
16QAM	710	23790	5	12	0	21.03	14.50	0.028
16QAM	710	23790	5	12	7	21.12	14.59	0.029
16QAM	710	23790	5	12	13	21.03	14.50	0.028
16QAM	710	23790	5	25	0	21.09	14.56	0.029
16QAM	713.5	23825	5	1	0	22.19	15.66	0.037
16QAM	713.5	23825	5	1	12	22.42	15.89	0.039
16QAM	713.5	23825	5	1	24	22.17	15.64	0.037
16QAM	713.5	23825	5	12	0	21.08	14.55	0.029
16QAM	713.5	23825	5	12	7	21.23	14.70	0.030
16QAM	713.5	23825	5	12	13	21.11	14.58	0.029
16QAM	713.5	23825	5	25	0	21.14	14.61	0.029
64QAM	706.5	23755	5	1	0	21.04	14.51	0.028
64QAM	706.5	23755	5	1	12	21.33	14.80	0.030
64QAM	706.5	23755	5	1	24	21.17	14.64	0.029
64QAM	706.5	23755	5	12	0	20.15	13.62	0.023
64QAM	706.5	23755	5	12	7	20.23	13.70	0.023
64QAM	706.5	23755	5	12	13	20.27	13.74	0.024
64QAM	706.5	23755	5	25	0	20.13	13.60	0.023
64QAM	710	23790	5	1	0	21.34	14.81	0.030
64QAM	710	23790	5	1	12	21.49	14.96	0.031
64QAM	710	23790	5	1	24	21.31	14.78	0.030
64QAM	710	23790	5	12	0	20.04	13.51	0.022
64QAM	710	23790	5	12	7	20.16	13.63	0.023
64QAM	710	23790	5	12	13	20.05	13.52	0.022
64QAM	710	23790	5	25	0	20.07	13.54	0.023
64QAM	713.5	23825	5	1	0	21.25	14.72	0.030
64QAM	713.5	23825	5	1	12	21.45	14.92	0.031
64QAM	713.5	23825	5	1	24	21.25	14.72	0.030
64QAM	713.5	23825	5	12	0	20.18	13.65	0.023
64QAM	713.5	23825	5	12	7	20.26	13.73	0.024
64QAM	713.5	23825	5	12	13	20.20	13.67	0.023
64QAM	713.5	23825	5	25	0	20.23	13.70	0.023

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	23.04	16.51	0.045
QPSK	709	23780	10	1	25	23.35	16.82	0.048
QPSK	709	23780	10	1	49	23.24	16.71	0.047
QPSK	709	23780	10	25	0	22.07	15.54	0.036
QPSK	709	23780	10	25	12	22.13	15.60	0.036
QPSK	709	23780	10	25	25	22.18	15.65	0.037
QPSK	709	23780	10	50	0	22.12	15.59	0.036
QPSK	710	23790	10	1	0	23.10	16.57	0.045
QPSK	710	23790	10	1	25	22.75	16.22	0.042
QPSK	710	23790	10	1	49	22.70	16.17	0.041
QPSK	710	23790	10	25	0	21.52	14.99	0.032
QPSK	710	23790	10	25	12	21.94	15.41	0.035
QPSK	710	23790	10	25	25	21.75	15.22	0.033
QPSK	710	23790	10	50	0	21.93	15.40	0.035
QPSK	711	23800	10	1	0	22.54	16.01	0.040
QPSK	711	23800	10	1	25	22.72	16.19	0.042
QPSK	711	23800	10	1	49	22.65	16.12	0.041
QPSK	711	23800	10	25	0	21.76	15.23	0.033
QPSK	711	23800	10	25	12	22.19	15.66	0.037
QPSK	711	23800	10	25	25	21.68	15.15	0.033
QPSK	711	23800	10	50	0	21.93	15.40	0.035

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	15.75	0.038
16QAM	709	23780	10	1	25	22.74	16.21	0.042
16QAM	709	23780	10	1	49	22.36	15.83	0.038
16QAM	709	23780	10	25	0	21.11	14.58	0.029
16QAM	709	23780	10	25	12	21.22	14.69	0.029
16QAM	709	23780	10	25	25	21.15	14.62	0.029
16QAM	709	23780	10	50	0	21.05	14.52	0.028
16QAM	710	23790	10	1	0	21.74	15.21	0.033
16QAM	710	23790	10	1	25	22.03	15.50	0.035
16QAM	710	23790	10	1	49	21.83	15.30	0.034
16QAM	710	23790	10	25	0	20.79	14.26	0.027
16QAM	710	23790	10	25	12	20.87	14.34	0.027
16QAM	710	23790	10	25	25	21.14	14.61	0.029
16QAM	710	23790	10	50	0	21.12	14.59	0.029
16QAM	711	23800	10	1	0	21.77	15.24	0.033
16QAM	711	23800	10	1	25	21.98	15.45	0.035
16QAM	711	23800	10	1	49	21.77	15.24	0.033
16QAM	711	23800	10	25	0	20.66	14.13	0.026
16QAM	711	23800	10	25	12	20.73	14.20	0.026
16QAM	711	23800	10	25	25	20.69	14.16	0.026
16QAM	711	23800	10	50	0	20.87	14.34	0.027
64QAM	709	23780	10	1	0	21.39	14.86	0.031
64QAM	709	23780	10	1	25	21.65	15.12	0.033
64QAM	709	23780	10	1	49	21.46	14.93	0.031
64QAM	709	23780	10	25	0	20.22	13.69	0.023
64QAM	709	23780	10	25	12	20.21	13.68	0.023
64QAM	709	23780	10	25	25	20.27	13.74	0.024
64QAM	709	23780	10	50	0	20.15	13.62	0.023
64QAM	710	23790	10	1	0	20.73	14.20	0.026
64QAM	710	23790	10	1	25	21.17	14.64	0.029
64QAM	710	23790	10	1	49	20.79	14.26	0.027
64QAM	710	23790	10	25	0	20.15	13.62	0.023
64QAM	710	23790	10	25	12	20.23	13.70	0.023
64QAM	710	23790	10	25	25	20.19	13.66	0.023
64QAM	710	23790	10	50	0	20.20	13.67	0.023
64QAM	711	23800	10	1	0	20.85	14.32	0.027
64QAM	711	23800	10	1	25	21.06	14.53	0.028
64QAM	711	23800	10	1	49	20.79	14.26	0.027
64QAM	711	23800	10	25	0	20.27	13.74	0.024
64QAM	711	23800	10	25	12	20.29	13.76	0.024
64QAM	711	23800	10	25	25	20.25	13.72	0.024
64QAM	711	23800	10	50	0	20.17	13.64	0.023

