

5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
13	782	23230	10	1	0	Fig.1
13	782	23230	10	1	0	Fig.2
13	782	23230	10	1	0	Fig.3

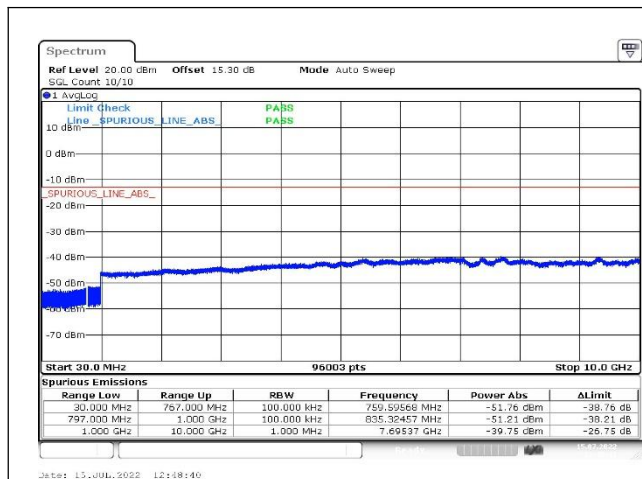


Fig.1

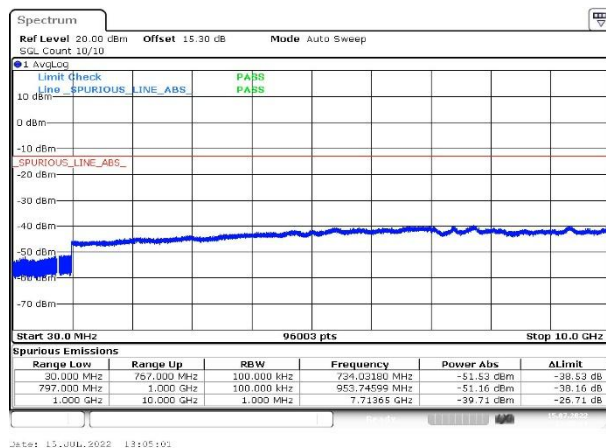


Fig.2

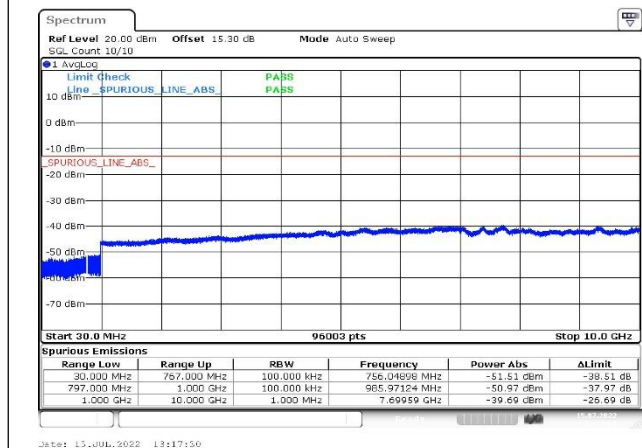
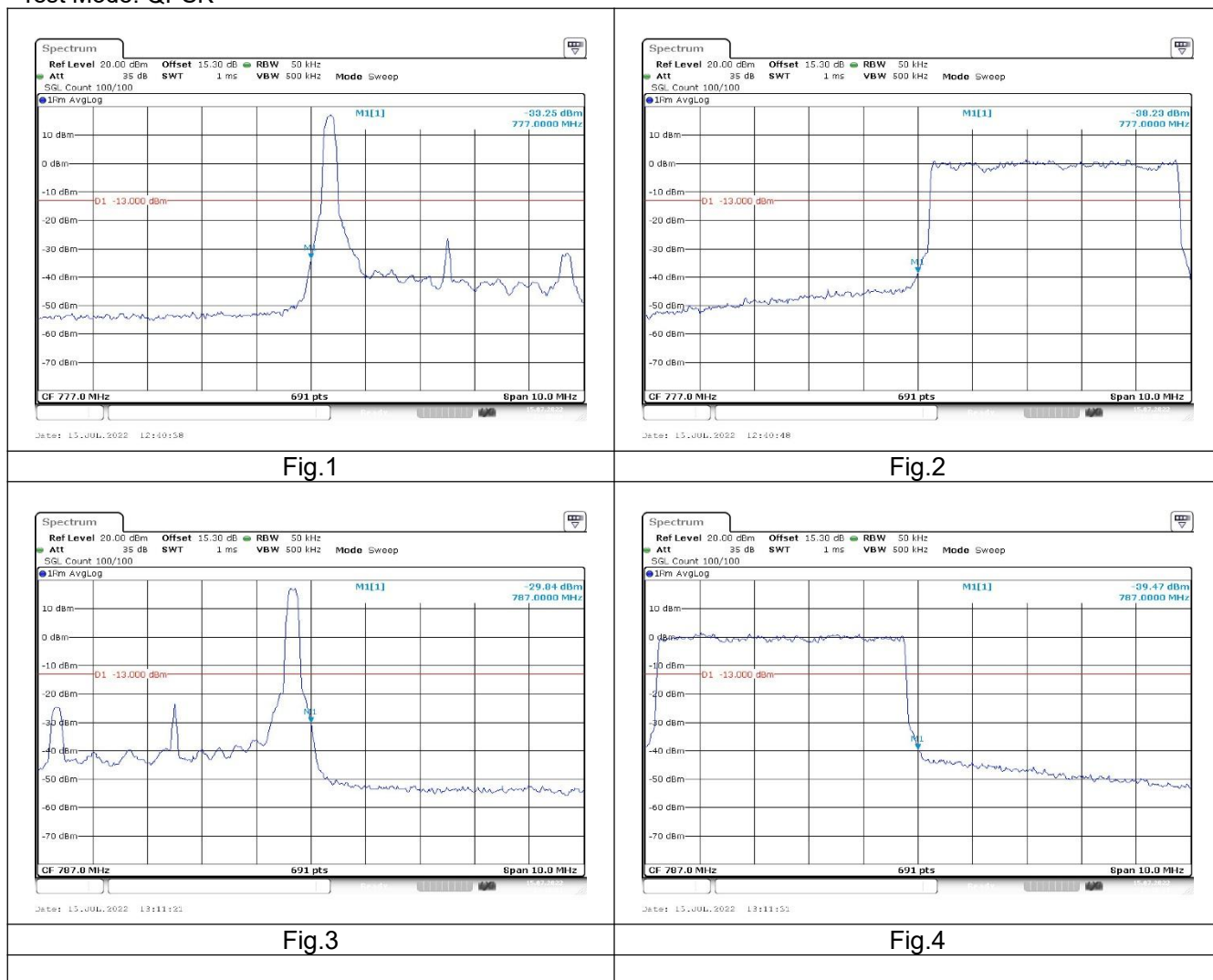


Fig.3

6 Band Edges Compliance

Band	Mode	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
13	QPSK	779.5	23205	5	1	0	Fig.1
13	QPSK	779.5	23205	5	25	0	Fig.2
13	QPSK	784.5	23255	5	1	24	Fig.3
13	QPSK	784.5	23255	5	25	0	Fig.4
13	QPSK	782	23230	10	1	0	Fig.5
13	QPSK	782	23230	10	50	0	Fig.6
13	QPSK	782	23230	10	1	49	Fig.7
13	QPSK	782	23230	10	50	0	Fig.8

Test Mode: QPSK



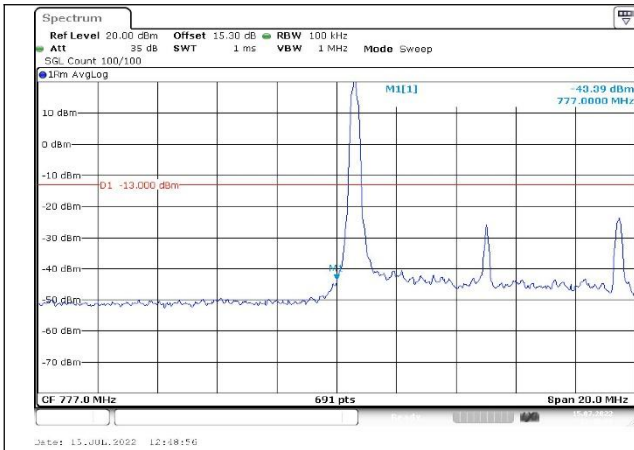


Fig.5

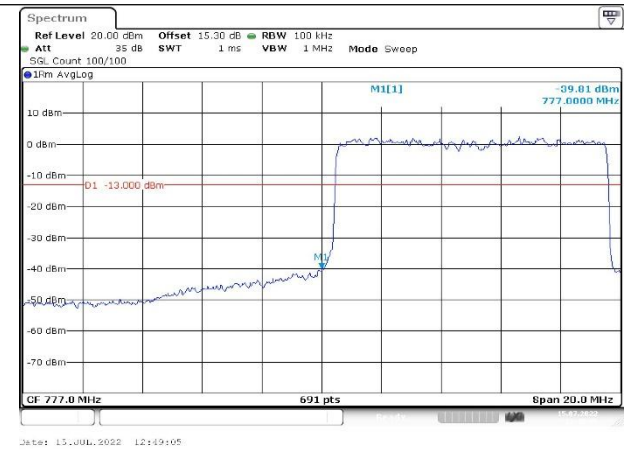


Fig.6

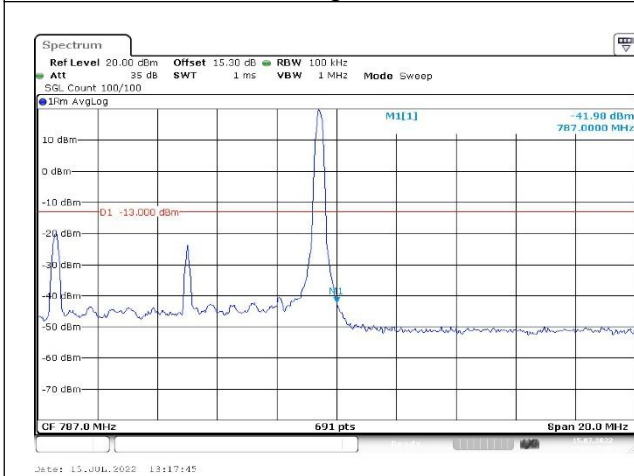


Fig.7

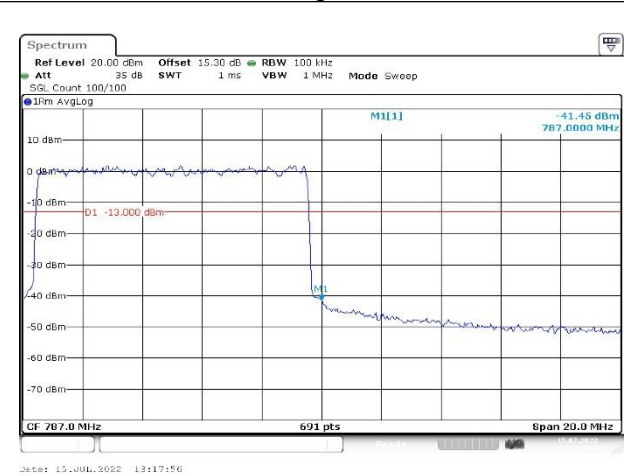


Fig.8

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band 13 Low Channel QPSK	
		5M	10M
-10	NV	-0.005	-0.071
0	NV	-0.015	-0.020
+10	NV	-0.037	-0.034
+30	NV	-0.016	-0.034
+40	NV	-0.036	-0.008
+55	NV	-0.018	-0.016
+20	LV	-0.026	-0.035
+20	HV	-0.044	-0.010

Temperature(°C)	Voltage	Test Result (ppm) Band 13 High Channel QPSK	
		5M	10M
-10	NV	-0.010	-0.063
0	NV	-0.028	-0.007
+10	NV	-0.014	-0.020
+30	NV	-0.016	-0.009
+40	NV	-0.007	0.015
+55	NV	-0.008	-0.014
+20	LV	-0.024	-0.021
+20	HV	-0.030	-0.021

8 Effective Radiated Power and Effective Isotropic Radiated Power

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	779.5	23205	5	1	0	23.04	16.99	0.050
16QAM	779.5	23205	5	1	12	23.03	16.98	0.050
16QAM	779.5	23205	5	1	24	23.14	17.09	0.051
16QAM	779.5	23205	5	12	0	22.52	16.47	0.044
16QAM	779.5	23205	5	12	7	22.57	16.52	0.045
16QAM	779.5	23205	5	12	13	22.57	16.52	0.045
16QAM	779.5	23205	5	25	0	22.61	16.56	0.045
16QAM	782	23230	5	1	0	24.27	18.22	0.066
16QAM	782	23230	5	1	12	24.29	18.24	0.067
16QAM	782	23230	5	1	24	24.33	18.28	0.067
16QAM	782	23230	5	12	0	22.56	16.51	0.045
16QAM	782	23230	5	12	7	22.67	16.62	0.046
16QAM	782	23230	5	12	13	22.73	16.68	0.047
16QAM	782	23230	5	25	0	22.71	16.66	0.046
16QAM	784.5	23255	5	1	0	23.13	17.08	0.051
16QAM	784.5	23255	5	1	12	23.22	17.17	0.052
16QAM	784.5	23255	5	1	24	23.31	17.26	0.053
16QAM	784.5	23255	5	12	0	22.70	16.65	0.046
16QAM	784.5	23255	5	12	7	22.67	16.62	0.046
16QAM	784.5	23255	5	12	13	22.51	16.46	0.044
16QAM	784.5	23255	5	25	0	22.70	16.65	0.046
64QAM	779.5	23205	5	1	0	22.20	16.15	0.041
64QAM	779.5	23205	5	1	12	22.31	16.26	0.042
64QAM	779.5	23205	5	1	24	22.13	16.08	0.041
64QAM	779.5	23205	5	12	0	20.79	14.74	0.030
64QAM	779.5	23205	5	12	7	21.13	15.08	0.032
64QAM	779.5	23205	5	12	13	20.92	14.87	0.031
64QAM	779.5	23205	5	25	0	20.81	14.76	0.030
64QAM	782	23230	5	1	0	22.76	16.71	0.047
64QAM	782	23230	5	1	12	22.76	16.71	0.047
64QAM	782	23230	5	1	24	22.75	16.70	0.047
64QAM	782	23230	5	12	0	21.24	15.19	0.033
64QAM	782	23230	5	12	7	21.41	15.36	0.034
64QAM	782	23230	5	12	13	21.33	15.28	0.034
64QAM	782	23230	5	25	0	21.32	15.27	0.034
64QAM	784.5	23255	5	1	0	22.07	16.02	0.040
64QAM	784.5	23255	5	1	12	22.25	16.20	0.042
64QAM	784.5	23255	5	1	24	22.21	16.16	0.041
64QAM	784.5	23255	5	12	0	20.89	14.84	0.030
64QAM	784.5	23255	5	12	7	21.13	15.08	0.032
64QAM	784.5	23255	5	12	13	21.07	15.02	0.032
64QAM	784.5	23255	5	25	0	20.92	14.87	0.031

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	779.5	23205	5	1	0	24.07	18.02	0.063
QPSK	779.5	23205	5	1	12	24.16	18.11	0.065
QPSK	779.5	23205	5	1	24	24.13	18.08	0.064
QPSK	779.5	23205	5	12	0	23.33	17.28	0.053
QPSK	779.5	23205	5	12	7	23.35	17.30	0.054
QPSK	779.5	23205	5	12	13	23.21	17.16	0.052
QPSK	779.5	23205	5	25	0	23.34	17.29	0.054
QPSK	782	23230	5	1	0	24.30	18.25	0.067
QPSK	782	23230	5	1	12	24.43	18.38	0.069
QPSK	782	23230	5	1	24	24.44	18.39	0.069
QPSK	782	23230	5	12	0	23.63	17.58	0.057
QPSK	782	23230	5	12	7	23.72	17.67	0.058
QPSK	782	23230	5	12	13	23.71	17.66	0.058
QPSK	782	23230	5	25	0	23.70	17.65	0.058
QPSK	784.5	23255	5	1	0	24.10	18.05	0.064
QPSK	784.5	23255	5	1	12	24.10	18.05	0.064
QPSK	784.5	23255	5	1	24	24.23	18.18	0.066
QPSK	784.5	23255	5	12	0	23.42	17.37	0.055
QPSK	784.5	23255	5	12	7	23.50	17.45	0.056
QPSK	784.5	23255	5	12	13	23.49	17.44	0.055
QPSK	784.5	23255	5	25	0	23.32	17.27	0.053

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	782	23230	10	1	0	24.12	18.07	0.064
16QAM	782	23230	10	1	25	24.28	18.23	0.067
16QAM	782	23230	10	1	49	24.41	18.36	0.069
16QAM	782	23230	10	25	0	22.66	16.61	0.046
16QAM	782	23230	10	25	12	22.47	16.42	0.044
16QAM	782	23230	10	25	25	22.72	16.67	0.046
16QAM	782	23230	10	50	0	22.52	16.47	0.044
16QAM	782	23230	10	1	0	24.13	18.08	0.064
16QAM	782	23230	10	1	25	24.16	18.11	0.065
16QAM	782	23230	10	1	49	24.48	18.43	0.070
16QAM	782	23230	10	25	0	22.71	16.66	0.046
16QAM	782	23230	10	25	12	22.72	16.67	0.046
16QAM	782	23230	10	25	25	22.83	16.78	0.048
16QAM	782	23230	10	50	0	22.83	16.78	0.048
16QAM	782	23230	10	1	0	24.07	18.02	0.063
16QAM	782	23230	10	1	25	24.15	18.10	0.065
16QAM	782	23230	10	1	49	23.56	17.51	0.056
16QAM	782	23230	10	25	0	22.55	16.50	0.045
16QAM	782	23230	10	25	12	22.36	16.31	0.043
16QAM	782	23230	10	25	25	22.74	16.69	0.047
16QAM	782	23230	10	50	0	22.45	16.40	0.044
64QAM	782	23230	10	1	0	23.28	17.23	0.053
64QAM	782	23230	10	1	25	23.09	17.04	0.051
64QAM	782	23230	10	1	49	23.27	17.22	0.053
64QAM	782	23230	10	25	0	21.06	15.01	0.032
64QAM	782	23230	10	25	12	21.18	15.13	0.033
64QAM	782	23230	10	25	25	21.38	15.33	0.034
64QAM	782	23230	10	50	0	21.23	15.18	0.033
64QAM	782	23230	10	1	0	22.44	16.39	0.044
64QAM	782	23230	10	1	25	22.52	16.47	0.044
64QAM	782	23230	10	1	49	22.88	16.83	0.048
64QAM	782	23230	10	25	0	21.27	15.22	0.033
64QAM	782	23230	10	1	0	23.20	17.15	0.052
64QAM	782	23230	10	1	25	23.10	17.05	0.051
64QAM	782	23230	10	1	49	23.17	17.12	0.052
64QAM	782	23230	10	25	0	20.94	14.89	0.031
64QAM	782	23230	10	25	12	21.06	15.01	0.032
64QAM	782	23230	10	25	25	21.25	15.20	0.033
64QAM	782	23230	10	50	0	21.10	15.05	0.032
64QAM	782	23230	10	25	12	21.48	15.43	0.035
64QAM	782	23230	10	25	25	21.66	15.61	0.036
64QAM	782	23230	10	50	0	21.49	15.44	0.035

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	782	23230	10	1	0	24.03	17.98	0.063
QPSK	782	23230	10	1	25	24.21	18.16	0.065
QPSK	782	23230	10	1	49	24.46	18.41	0.069
QPSK	782	23230	10	25	0	23.35	17.30	0.054
QPSK	782	23230	10	25	12	23.40	17.35	0.054
QPSK	782	23230	10	25	25	23.53	17.48	0.056
QPSK	782	23230	10	50	0	23.43	17.38	0.055
QPSK	782	23230	10	1	0	24.51	18.46	0.070
QPSK	782	23230	10	1	25	24.57	18.52	0.071
QPSK	782	23230	10	1	49	24.72	18.67	0.074
QPSK	782	23230	10	25	0	23.66	17.61	0.058
QPSK	782	23230	10	25	12	23.66	17.61	0.058
QPSK	782	23230	10	25	25	23.76	17.71	0.059
QPSK	782	23230	10	50	0	23.76	17.71	0.059
QPSK	782	23230	10	1	0	24.25	18.20	0.066
QPSK	782	23230	10	1	25	24.31	18.26	0.067
QPSK	782	23230	10	1	49	24.52	18.47	0.070
QPSK	782	23230	10	25	0	23.40	17.35	0.054
QPSK	782	23230	10	25	12	23.44	17.39	0.055
QPSK	782	23230	10	25	25	23.42	17.37	0.055
QPSK	782	23230	10	50	0	23.48	17.43	0.055