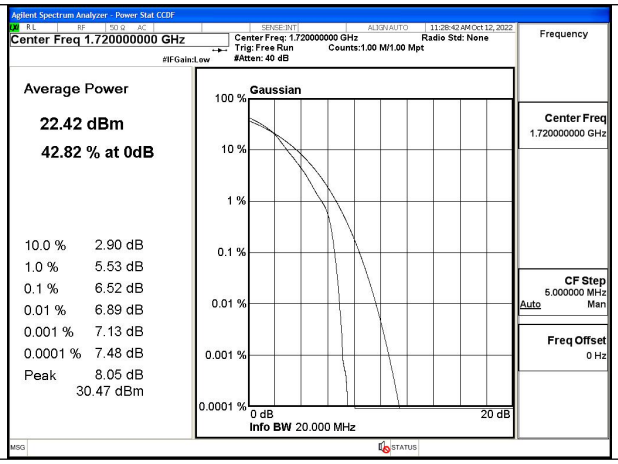


Fig.61

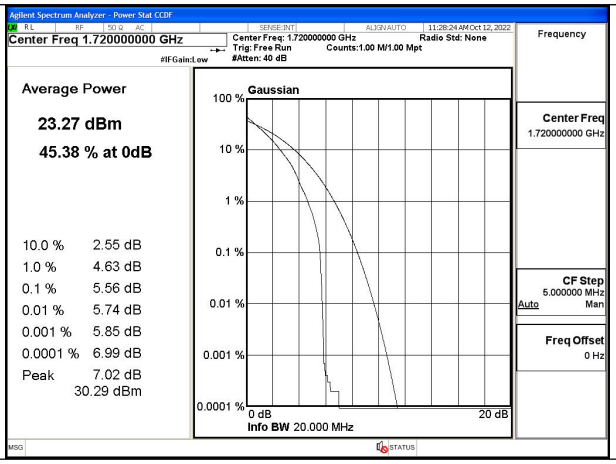
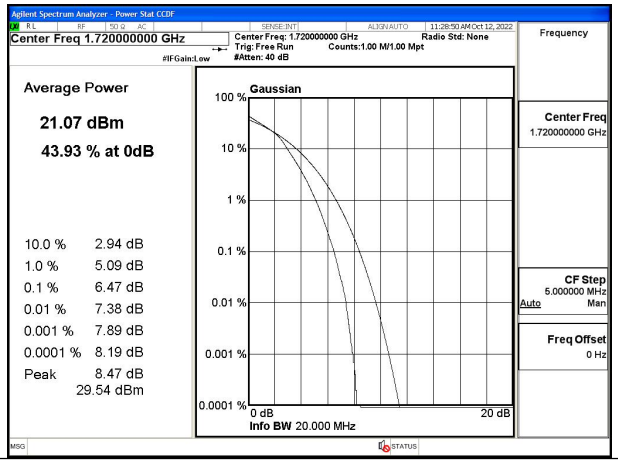


Fig.62



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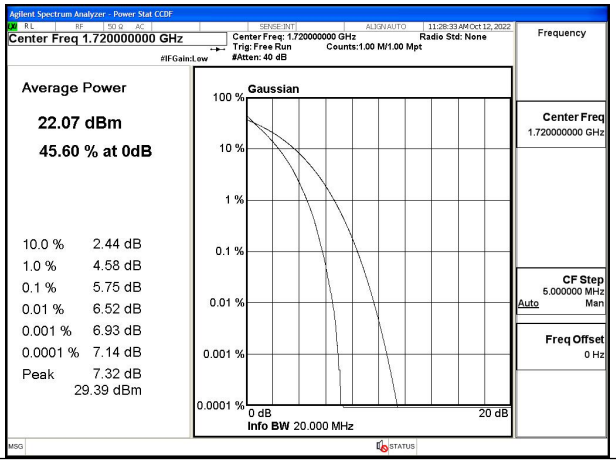

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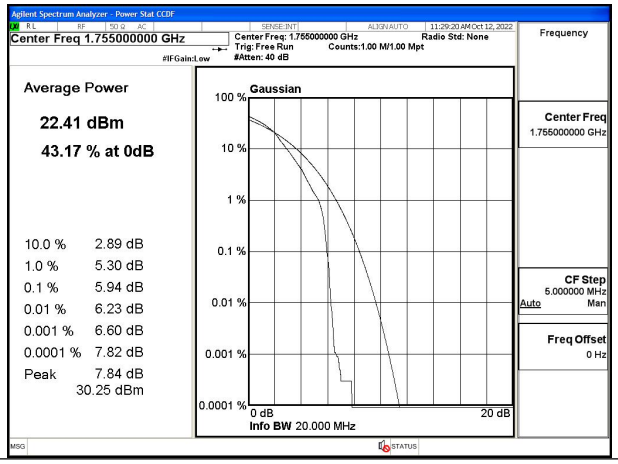

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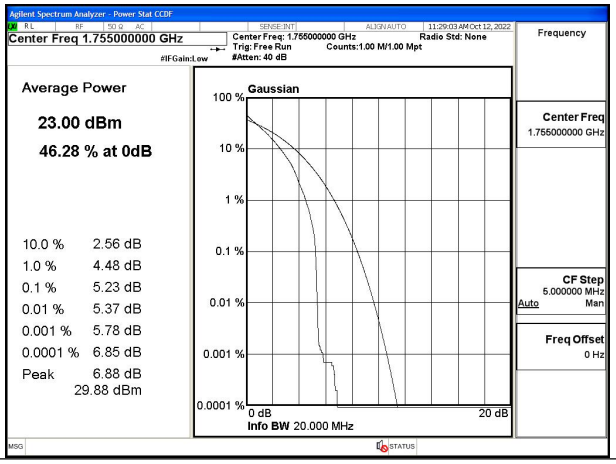


Fig.66

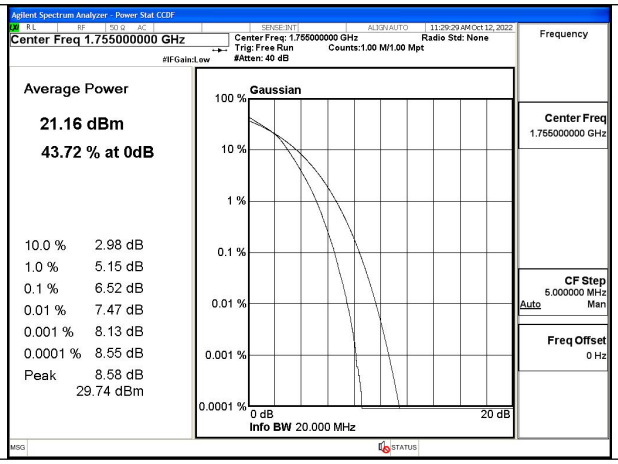


Fig.67

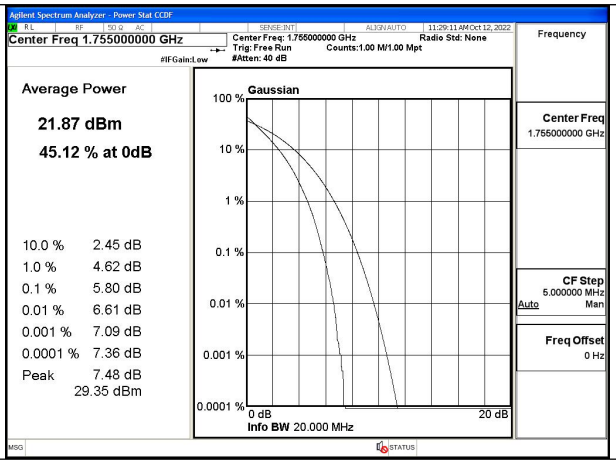


Fig.68

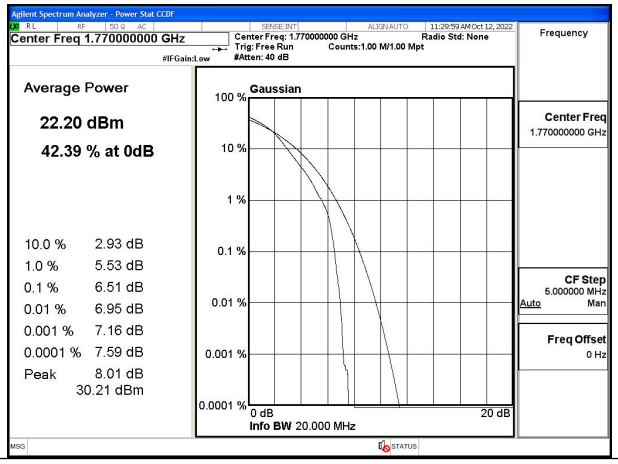


Fig.69

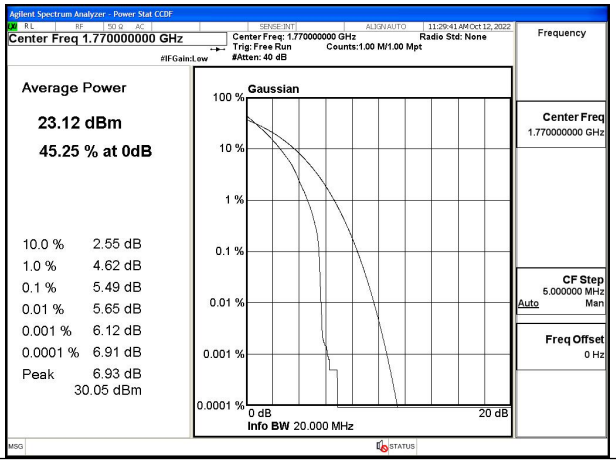


Fig.70

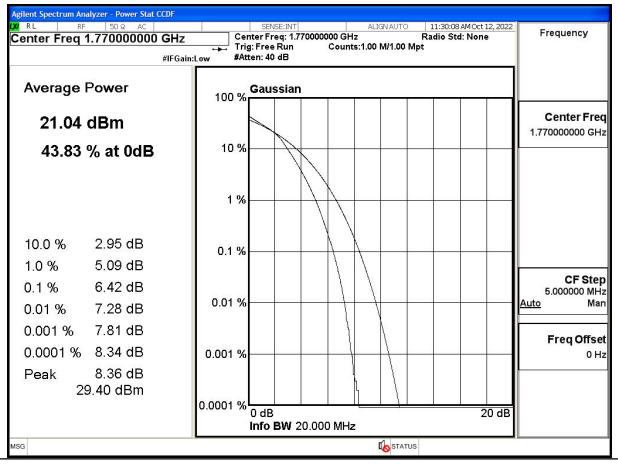


Fig.71

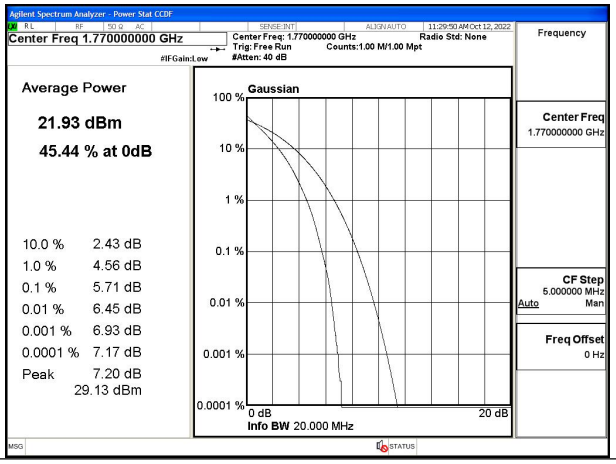


Fig.72

5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
66	1720	132072	20	1	0	Fig.1
66	1755	132422	20	1	0	Fig.2
66	1770	132572	20	1	0	Fig.3

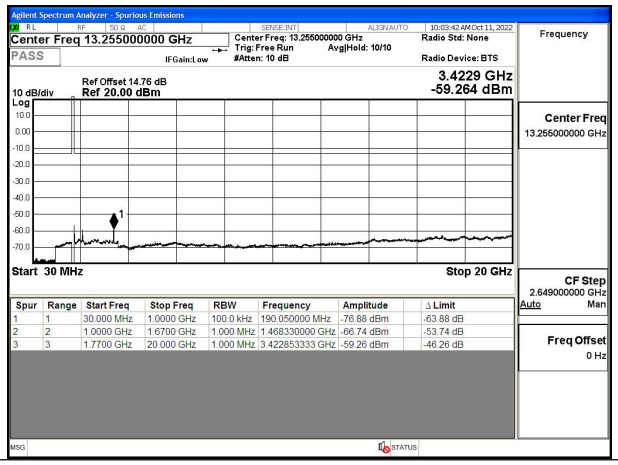


Fig.1

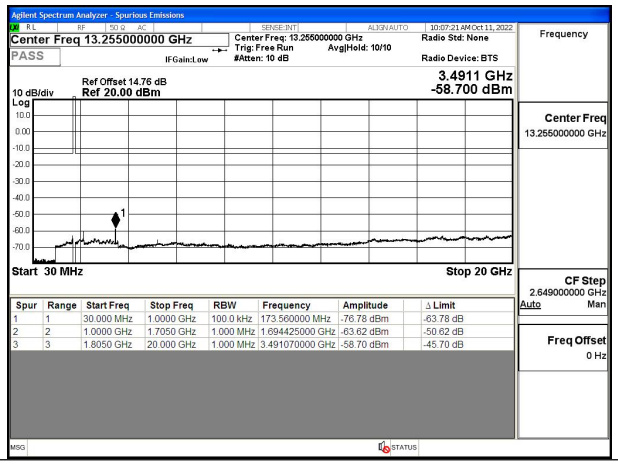


Fig.2

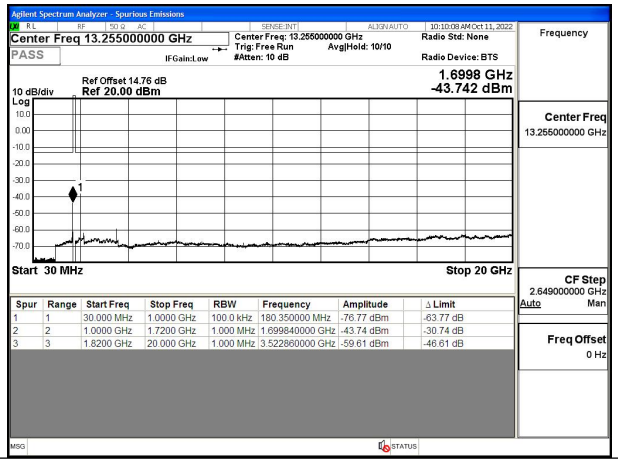


Fig.3

6 Band Edges Compliance

Band	Mode	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
66	QPSK	1710.7	131979	1.4	1	0	Fig.1
66	QPSK	1710.7	131979	1.4	6	0	Fig.2
66	QPSK	1779.3	132665	1.4	1	5	Fig.3
66	QPSK	1779.3	132665	1.4	6	0	Fig.4
66	QPSK	1711.5	131987	3	1	0	Fig.5
66	QPSK	1711.5	131987	3	15	0	Fig.6
66	QPSK	1778.5	132657	3	1	14	Fig.7
66	QPSK	1778.5	132657	3	15	0	Fig.8
66	QPSK	1712.5	131997	5	1	0	Fig.9
66	QPSK	1712.5	131997	5	25	0	Fig.10
66	QPSK	1777.5	132647	5	1	24	Fig.11
66	QPSK	1777.5	132647	5	25	0	Fig.12
66	QPSK	1715	132022	10	1	0	Fig.13
66	QPSK	1715	132022	10	50	0	Fig.14
66	QPSK	1775	132622	10	1	49	Fig.15
66	QPSK	1775	132622	10	50	0	Fig.16
66	QPSK	1717.5	132047	15	1	0	Fig.17
66	QPSK	1717.5	132047	15	75	0	Fig.18
66	QPSK	1772.5	132597	15	1	74	Fig.19
66	QPSK	1772.5	132597	15	75	0	Fig.20
66	QPSK	1720	132072	20	1	0	Fig.21
66	QPSK	1720	132072	20	100	0	Fig.22
66	QPSK	1770	132572	20	1	99	Fig.23
66	QPSK	1770	132572	20	100	0	Fig.24

Test Mode: QPSK

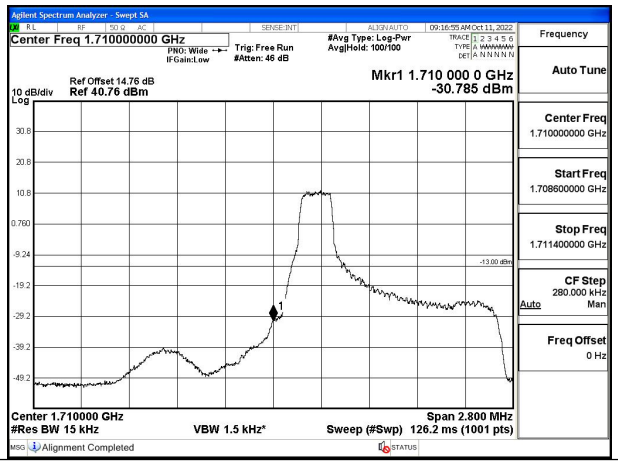


Fig.1

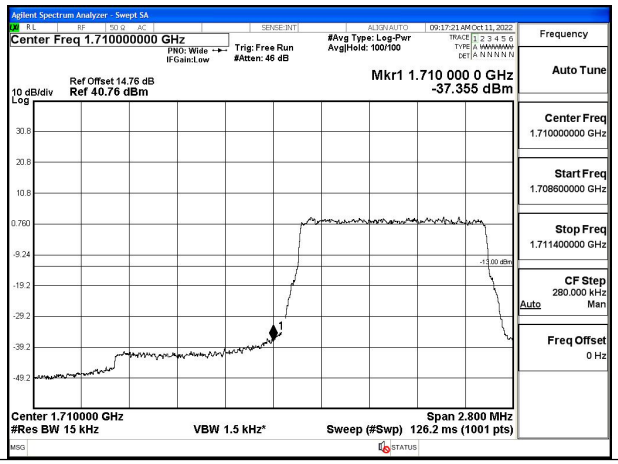


Fig.2

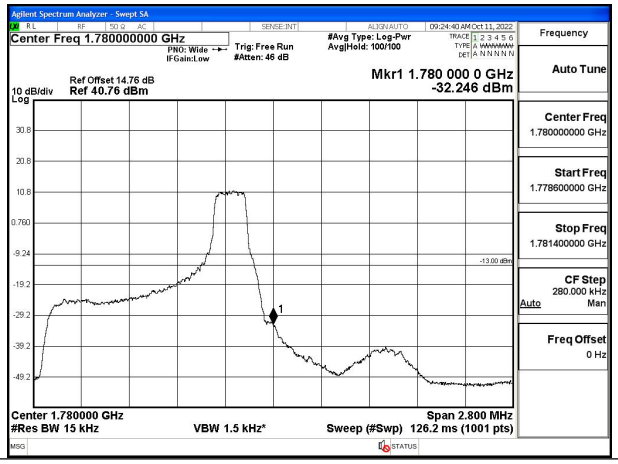


Fig.3

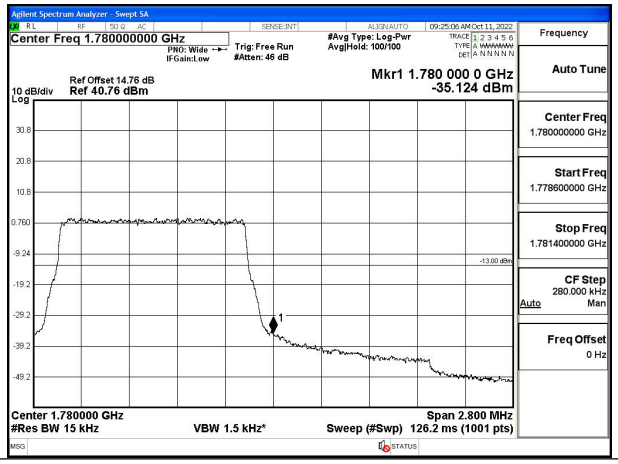


Fig.4

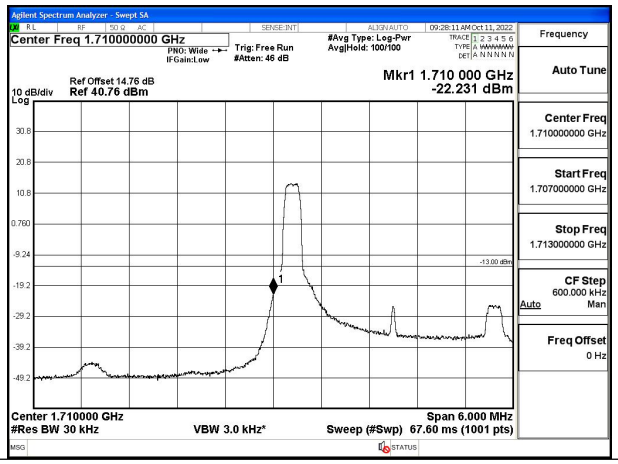


Fig.5

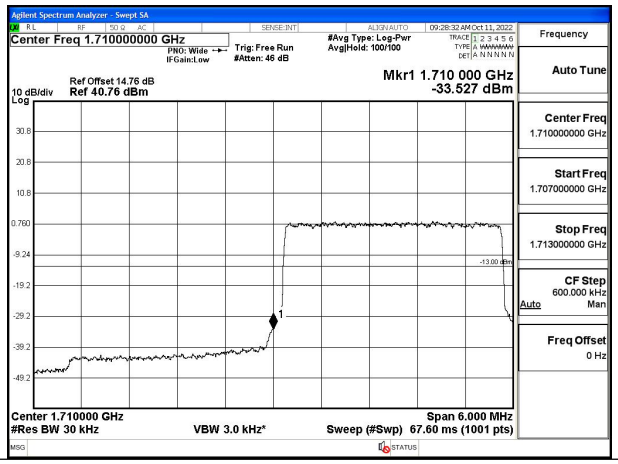


Fig.6

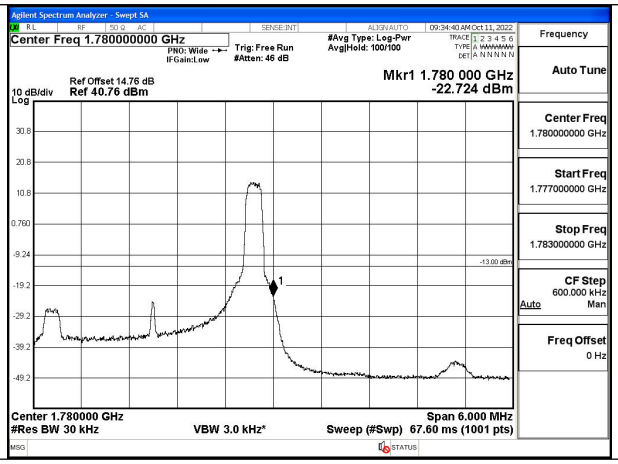


Fig.7

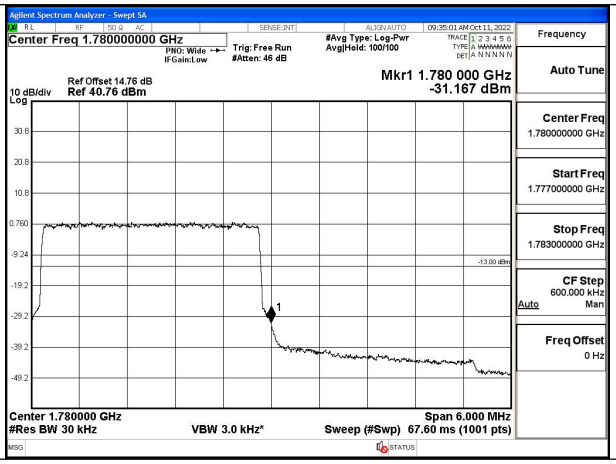


Fig.8

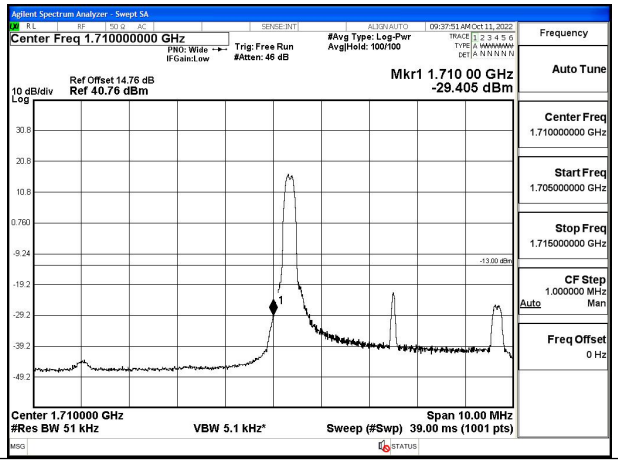


Fig.9

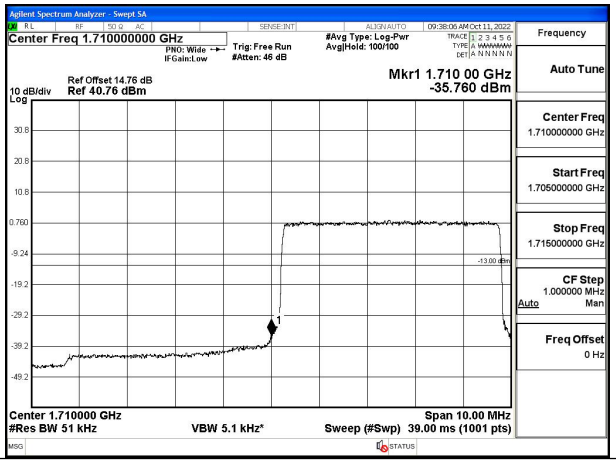


Fig.10

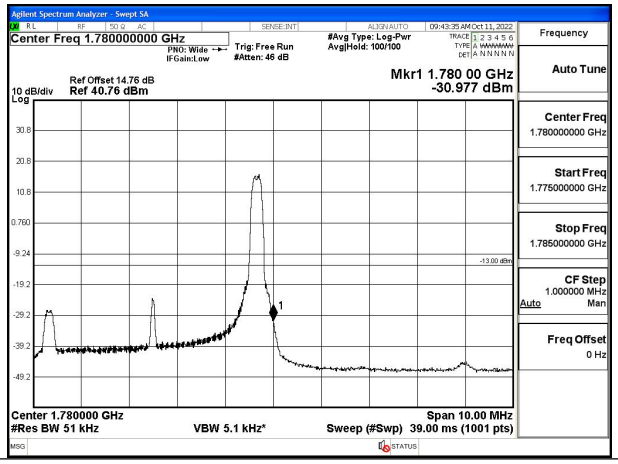


Fig.11

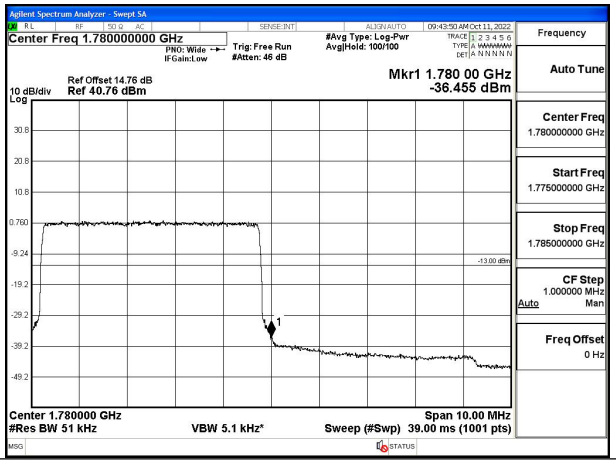


Fig.12

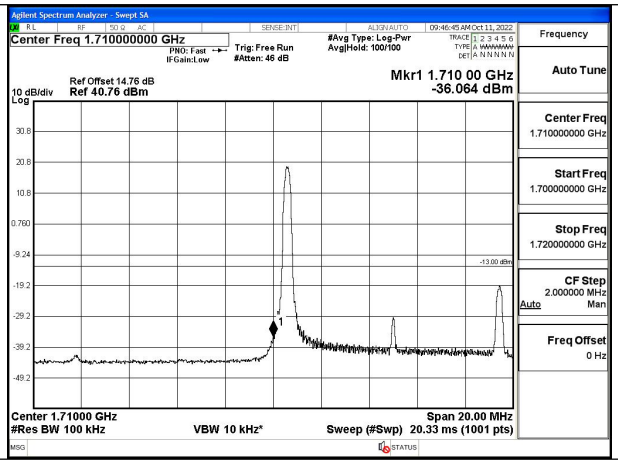


Fig.13

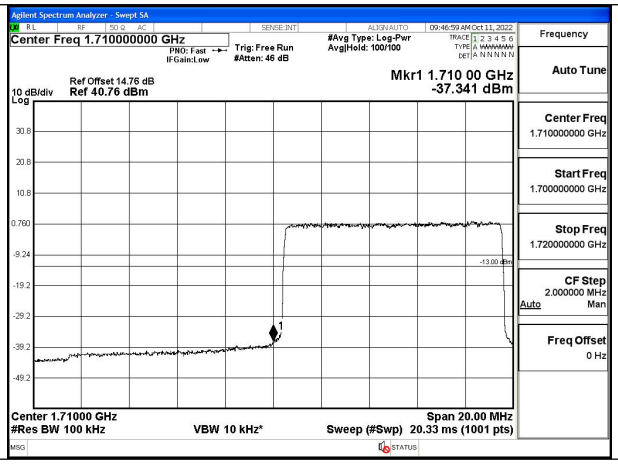


Fig.14

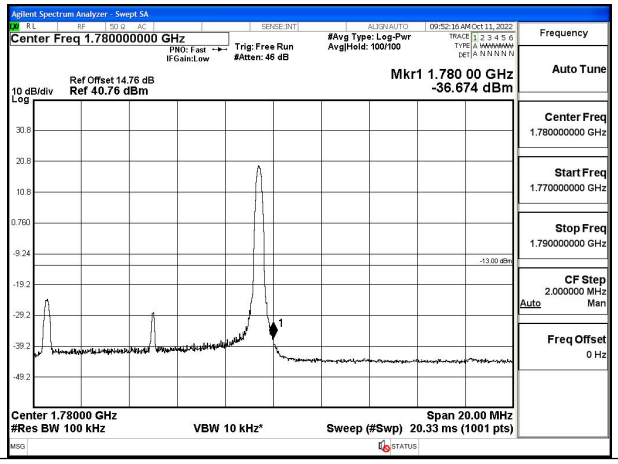


Fig.15

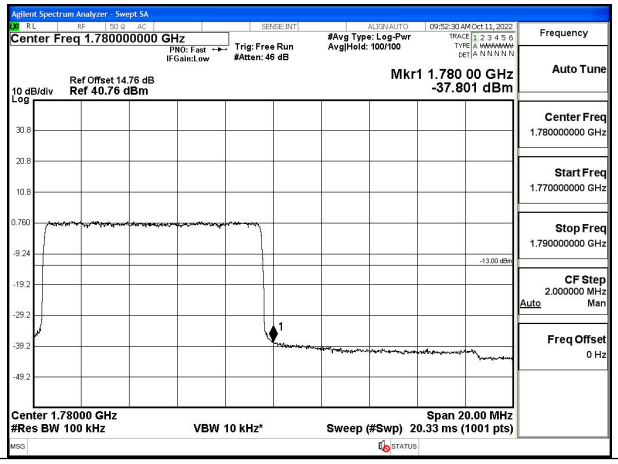


Fig.16

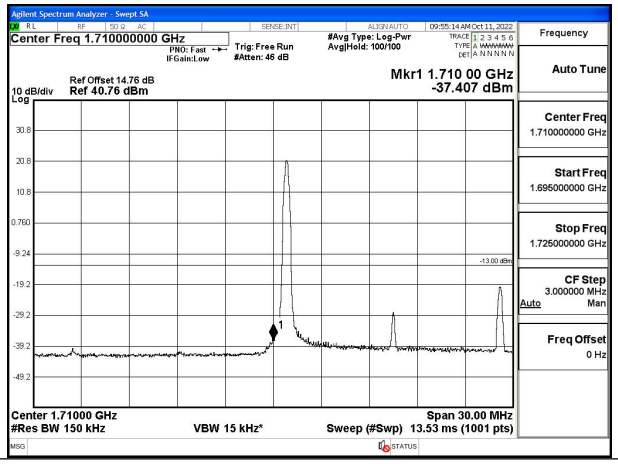


Fig.17

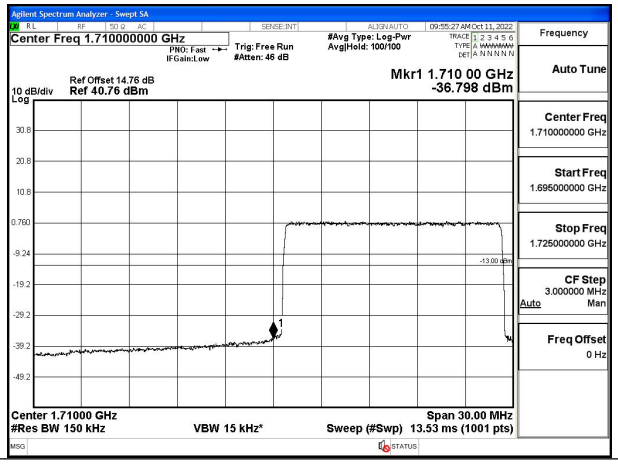


Fig.18

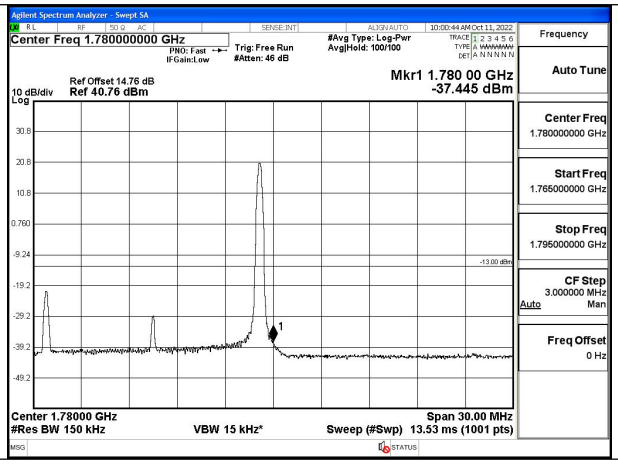


Fig.19

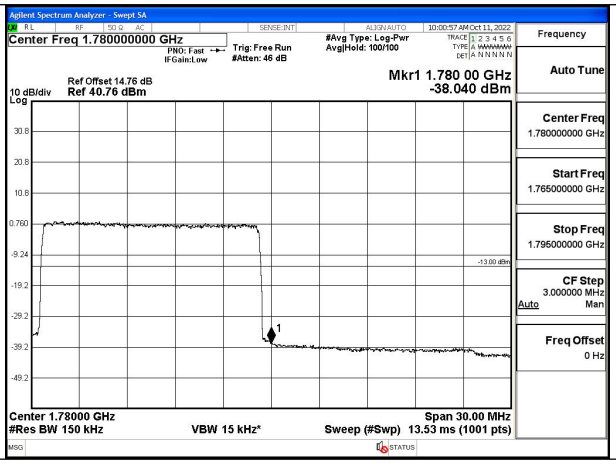
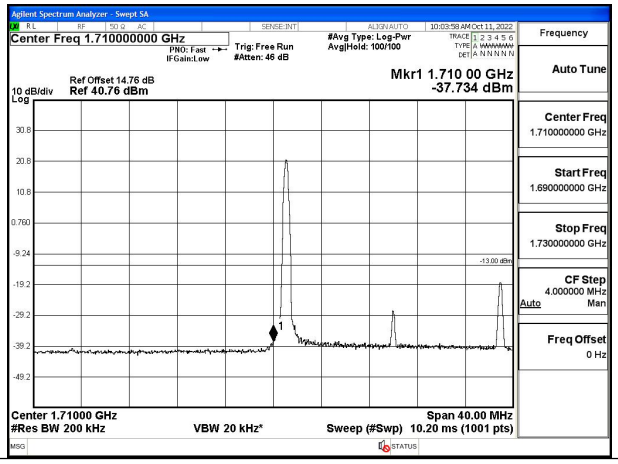


Fig.20



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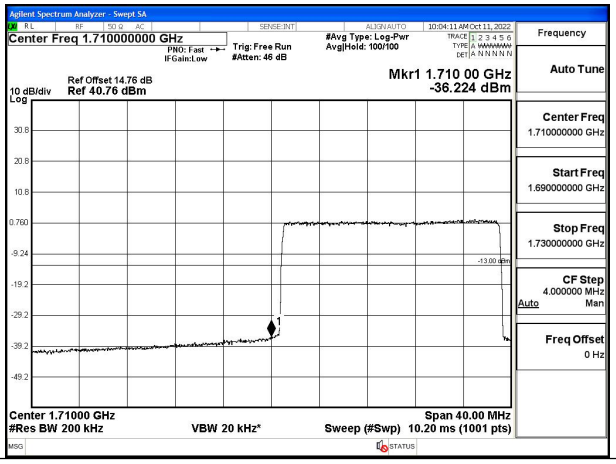

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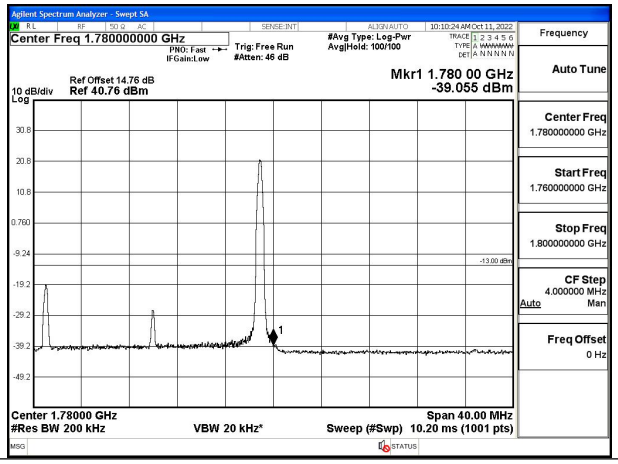

Fig.23

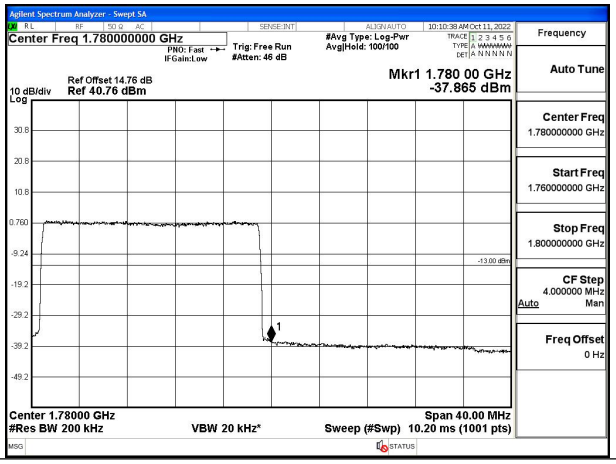

Fig.24

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band 66 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-20	NV	0.006	-0.004	-0.001	0.004	0.010	0.013
-10	NV	0.016	0.006	0.006	0.007	0.007	-0.003
0	NV	0.005	0.005	0.016	0.004	0.006	-0.007
+10	NV	0.008	0.009	-0.004	-0.003	-0.004	-0.006
+20	NV	0.009	0.007	0.002	0.001	-0.002	-0.005
+30	NV	0.016	-0.005	-0.004	0.007	0.004	0.002
+40	NV	0.006	0.010	0.007	0.008	0.002	0.004
+50	NV	0.012	0.001	-0.005	-0.003	0.004	0.008
+60	NV	0.008	-0.012	-0.004	0.017	0.013	0.002
+20	LV	0.006	-0.012	0.003	0.006	-0.003	0.004
+20	HV	0.012	-0.007	-0.003	-0.003	0.017	0.008

Temperature(°C)	Voltage	Test Result (ppm) Band 66 High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-20	NV	0.006	-0.011	0.005	0.006	0.009	0.012
-10	NV	-0.001	-0.004	-0.004	0.013	0.005	0.009
0	NV	0.011	0.007	-0.002	0.008	-0.006	-0.006
+10	NV	-0.002	-0.005	-0.006	0.002	-0.008	0.003
+20	NV	0.008	-0.005	0.004	-0.004	0.010	-0.002
+30	NV	0.003	-0.006	0.001	0.004	0.015	-0.002
+40	NV	0.003	0.002	0.008	0.004	0.010	-0.004
+50	NV	0.008	0.008	-0.003	0.004	0.011	-0.003
+60	NV	-0.011	0.005	-0.005	0.005	-0.008	0.001
+20	LV	0.008	-0.009	-0.007	0.002	-0.002	-0.003
+20	HV	-0.006	-0.007	-0.009	0.004	0.005	-0.005

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	1710.7	131979	1.4	1	0	23.15	24.27	0.267
QPSK	1710.7	131979	1.4	1	3	23.38	24.50	0.282
QPSK	1710.7	131979	1.4	1	5	23.26	24.38	0.274
QPSK	1710.7	131979	1.4	3	0	23.33	24.45	0.279
QPSK	1710.7	131979	1.4	3	1	23.44	24.56	0.286
QPSK	1710.7	131979	1.4	3	3	23.36	24.48	0.281
QPSK	1710.7	131979	1.4	6	0	22.43	23.55	0.226
QPSK	1755	132422	1.4	1	0	23.35	24.47	0.280
QPSK	1755	132422	1.4	1	3	23.30	24.42	0.277
QPSK	1755	132422	1.4	1	5	23.34	24.46	0.279
QPSK	1755	132422	1.4	3	0	23.46	24.58	0.287
QPSK	1755	132422	1.4	3	1	23.29	24.41	0.276
QPSK	1755	132422	1.4	3	3	23.25	24.37	0.274
QPSK	1755	132422	1.4	6	0	22.26	23.38	0.218
QPSK	1779.3	132665	1.4	1	0	23.30	24.42	0.277
QPSK	1779.3	132665	1.4	1	3	23.58	24.70	0.295
QPSK	1779.3	132665	1.4	1	5	23.56	24.68	0.294
QPSK	1779.3	132665	1.4	3	0	23.29	24.41	0.276
QPSK	1779.3	132665	1.4	3	1	23.38	24.50	0.282
QPSK	1779.3	132665	1.4	3	3	23.30	24.42	0.277
QPSK	1779.3	132665	1.4	6	0	22.16	23.28	0.213

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1710.7	131979	1.4	1	0	22.61	23.73	0.236
16QAM	1710.7	131979	1.4	1	3	23.05	24.17	0.261
16QAM	1710.7	131979	1.4	1	5	23.16	24.28	0.268
16QAM	1710.7	131979	1.4	3	0	22.72	23.84	0.242
16QAM	1710.7	131979	1.4	3	1	22.67	23.79	0.239
16QAM	1710.7	131979	1.4	3	3	22.63	23.75	0.237
16QAM	1710.7	131979	1.4	6	0	21.13	22.25	0.168
16QAM	1755	132422	1.4	1	0	22.80	23.92	0.247
16QAM	1755	132422	1.4	1	3	22.75	23.87	0.244
16QAM	1755	132422	1.4	1	5	22.56	23.68	0.233
16QAM	1755	132422	1.4	3	0	22.52	23.64	0.231
16QAM	1755	132422	1.4	3	1	22.63	23.75	0.237
16QAM	1755	132422	1.4	3	3	22.58	23.70	0.234
16QAM	1755	132422	1.4	6	0	20.90	22.02	0.159
16QAM	1779.3	132665	1.4	1	0	22.48	23.60	0.229
16QAM	1779.3	132665	1.4	1	3	22.47	23.59	0.229
16QAM	1779.3	132665	1.4	1	5	22.25	23.37	0.217
16QAM	1779.3	132665	1.4	3	0	22.47	23.59	0.229
16QAM	1779.3	132665	1.4	3	1	22.57	23.69	0.234
16QAM	1779.3	132665	1.4	3	3	22.55	23.67	0.233
16QAM	1779.3	132665	1.4	6	0	21.13	22.25	0.168

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1711.5	131987	3	1	0	23.30	24.42	0.277
QPSK	1711.5	131987	3	1	8	23.55	24.67	0.293
QPSK	1711.5	131987	3	1	14	23.27	24.39	0.275
QPSK	1711.5	131987	3	8	0	22.41	23.53	0.225
QPSK	1711.5	131987	3	8	4	22.37	23.49	0.223
QPSK	1711.5	131987	3	8	7	22.34	23.46	0.222
QPSK	1711.5	131987	3	15	0	22.36	23.48	0.223
QPSK	1755	132422	3	1	0	23.55	24.67	0.293
QPSK	1755	132422	3	1	8	23.41	24.53	0.284
QPSK	1755	132422	3	1	14	23.40	24.52	0.283
QPSK	1755	132422	3	8	0	22.33	23.45	0.221
QPSK	1755	132422	3	8	4	22.40	23.52	0.225
QPSK	1755	132422	3	8	7	22.36	23.48	0.223
QPSK	1755	132422	3	15	0	22.35	23.47	0.222
QPSK	1778.5	132657	3	1	0	23.64	24.76	0.299
QPSK	1778.5	132657	3	1	8	23.50	24.62	0.290
QPSK	1778.5	132657	3	1	14	23.55	24.67	0.293
QPSK	1778.5	132657	3	8	0	22.28	23.40	0.219
QPSK	1778.5	132657	3	8	4	22.31	23.43	0.220
QPSK	1778.5	132657	3	8	7	22.26	23.38	0.218
QPSK	1778.5	132657	3	15	0	22.27	23.39	0.218

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1711.5	131987	3	1	0	22.93	24.05	0.254
16QAM	1711.5	131987	3	1	8	23.06	24.18	0.262
16QAM	1711.5	131987	3	1	14	22.85	23.97	0.249
16QAM	1711.5	131987	3	8	0	21.63	22.75	0.188
16QAM	1711.5	131987	3	8	4	21.65	22.77	0.189
16QAM	1711.5	131987	3	8	7	21.51	22.63	0.183
16QAM	1711.5	131987	3	15	0	21.50	22.62	0.183
16QAM	1755	132422	3	1	0	22.90	24.02	0.252
16QAM	1755	132422	3	1	8	23.27	24.39	0.275
16QAM	1755	132422	3	1	14	22.83	23.95	0.248
16QAM	1755	132422	3	8	0	21.46	22.58	0.181
16QAM	1755	132422	3	8	4	21.67	22.79	0.190
16QAM	1755	132422	3	8	7	21.56	22.68	0.185
16QAM	1755	132422	3	15	0	21.59	22.71	0.187
16QAM	1778.5	132657	3	1	0	22.60	23.72	0.236
16QAM	1778.5	132657	3	1	8	23.32	24.44	0.278
16QAM	1778.5	132657	3	1	14	22.45	23.57	0.228
16QAM	1778.5	132657	3	8	0	21.36	22.48	0.177
16QAM	1778.5	132657	3	8	4	21.55	22.67	0.185
16QAM	1778.5	132657	3	8	7	21.35	22.47	0.177
16QAM	1778.5	132657	3	15	0	21.31	22.43	0.175

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1712.5	131997	5	1	0	23.51	24.63	0.290
QPSK	1712.5	131997	5	1	12	23.45	24.57	0.286
QPSK	1712.5	131997	5	1	24	23.46	24.58	0.287
QPSK	1712.5	131997	5	12	0	22.44	23.56	0.227
QPSK	1712.5	131997	5	12	7	22.48	23.60	0.229
QPSK	1712.5	131997	5	12	13	22.27	23.39	0.218
QPSK	1712.5	131997	5	25	0	22.36	23.48	0.223
QPSK	1755	132422	5	1	0	23.53	24.65	0.292
QPSK	1755	132422	5	1	12	23.88	25.00	0.316
QPSK	1755	132422	5	1	24	23.57	24.69	0.294
QPSK	1755	132422	5	12	0	22.34	23.46	0.222
QPSK	1755	132422	5	12	7	22.26	23.38	0.218
QPSK	1755	132422	5	12	13	22.43	23.55	0.226
QPSK	1755	132422	5	25	0	22.41	23.53	0.225
QPSK	1777.5	132647	5	1	0	23.61	24.73	0.297
QPSK	1777.5	132647	5	1	12	23.75	24.87	0.307
QPSK	1777.5	132647	5	1	24	23.61	24.73	0.297
QPSK	1777.5	132647	5	12	0	22.17	23.29	0.213
QPSK	1777.5	132647	5	12	7	22.37	23.49	0.223
QPSK	1777.5	132647	5	12	13	22.20	23.32	0.215
QPSK	1777.5	132647	5	25	0	22.24	23.36	0.217

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1712.5	131997	5	1	0	23.01	24.13	0.259
16QAM	1712.5	131997	5	1	12	23.22	24.34	0.272
16QAM	1712.5	131997	5	1	24	23.08	24.20	0.263
16QAM	1712.5	131997	5	12	0	21.58	22.70	0.186
16QAM	1712.5	131997	5	12	7	21.51	22.63	0.183
16QAM	1712.5	131997	5	12	13	21.45	22.57	0.181
16QAM	1712.5	131997	5	25	0	21.47	22.59	0.182
16QAM	1755	132422	5	1	0	22.47	23.59	0.229
16QAM	1755	132422	5	1	12	22.42	23.54	0.226
16QAM	1755	132422	5	1	24	23.19	24.31	0.270
16QAM	1755	132422	5	12	0	21.57	22.69	0.186
16QAM	1755	132422	5	12	7	21.47	22.59	0.182
16QAM	1755	132422	5	12	13	21.44	22.56	0.180
16QAM	1755	132422	5	25	0	21.70	22.82	0.191
16QAM	1777.5	132647	5	1	0	22.86	23.98	0.250
16QAM	1777.5	132647	5	1	12	22.42	23.54	0.226
16QAM	1777.5	132647	5	1	24	22.83	23.95	0.248
16QAM	1777.5	132647	5	12	0	21.38	22.50	0.178
16QAM	1777.5	132647	5	12	7	21.47	22.59	0.182
16QAM	1777.5	132647	5	12	13	21.34	22.46	0.176
16QAM	1777.5	132647	5	25	0	21.61	22.73	0.187

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1715	132022	10	1	0	23.41	24.53	0.284
QPSK	1715	132022	10	1	25	23.44	24.56	0.286
QPSK	1715	132022	10	1	49	23.23	24.35	0.272
QPSK	1715	132022	10	25	0	22.44	23.56	0.227
QPSK	1715	132022	10	25	12	22.41	23.53	0.225
QPSK	1715	132022	10	25	25	22.32	23.44	0.221
QPSK	1715	132022	10	50	0	22.47	23.59	0.229
QPSK	1755	132422	10	1	0	23.28	24.40	0.275
QPSK	1755	132422	10	1	25	23.37	24.49	0.281
QPSK	1755	132422	10	1	49	23.25	24.37	0.274
QPSK	1755	132422	10	25	0	22.29	23.41	0.219
QPSK	1755	132422	10	25	12	22.39	23.51	0.224
QPSK	1755	132422	10	25	25	22.30	23.42	0.220
QPSK	1755	132422	10	50	0	22.23	23.35	0.216
QPSK	1775	132622	10	1	0	23.32	24.44	0.278
QPSK	1775	132622	10	1	25	23.28	24.40	0.275
QPSK	1775	132622	10	1	49	23.39	24.51	0.282
QPSK	1775	132622	10	25	0	21.99	23.11	0.205
QPSK	1775	132622	10	25	12	22.13	23.25	0.211
QPSK	1775	132622	10	25	25	22.22	23.34	0.216
QPSK	1775	132622	10	50	0	22.05	23.17	0.207

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1715	132022	10	1	0	22.91	24.03	0.253
16QAM	1715	132022	10	1	25	22.65	23.77	0.238
16QAM	1715	132022	10	1	49	22.64	23.76	0.238
16QAM	1715	132022	10	25	0	21.72	22.84	0.192
16QAM	1715	132022	10	25	12	21.56	22.68	0.185
16QAM	1715	132022	10	25	25	21.74	22.86	0.193
16QAM	1715	132022	10	50	0	21.35	22.47	0.177
16QAM	1755	132422	10	1	0	22.90	24.02	0.252
16QAM	1755	132422	10	1	25	22.98	24.10	0.257
16QAM	1755	132422	10	1	49	22.87	23.99	0.251
16QAM	1755	132422	10	25	0	21.40	22.52	0.179
16QAM	1755	132422	10	25	12	21.29	22.41	0.174
16QAM	1755	132422	10	25	25	21.40	22.52	0.179
16QAM	1755	132422	10	50	0	21.46	22.58	0.181
16QAM	1775	132622	10	1	0	22.36	23.48	0.223
16QAM	1775	132622	10	1	25	22.40	23.52	0.225
16QAM	1775	132622	10	1	49	22.89	24.01	0.252
16QAM	1775	132622	10	25	0	21.49	22.61	0.182
16QAM	1775	132622	10	25	12	21.66	22.78	0.190
16QAM	1775	132622	10	25	25	21.58	22.70	0.186
16QAM	1775	132622	10	50	0	21.30	22.42	0.175

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1717.5	132047	15	1	0	23.35	24.47	0.280
QPSK	1717.5	132047	15	1	37	23.37	24.49	0.281
QPSK	1717.5	132047	15	1	74	23.39	24.51	0.282
QPSK	1717.5	132047	15	36	0	22.45	23.57	0.228
QPSK	1717.5	132047	15	36	29	22.31	23.43	0.220
QPSK	1717.5	132047	15	36	30	22.39	23.51	0.224
QPSK	1717.5	132047	15	75	0	22.32	23.44	0.221
QPSK	1755	132422	15	1	0	23.40	24.52	0.283
QPSK	1755	132422	15	1	37	23.24	24.36	0.273
QPSK	1755	132422	15	1	74	23.29	24.41	0.276
QPSK	1755	132422	15	36	0	22.19	23.31	0.214
QPSK	1755	132422	15	36	29	22.36	23.48	0.223
QPSK	1755	132422	15	36	30	22.38	23.50	0.224
QPSK	1755	132422	15	75	0	22.41	23.53	0.225
QPSK	1772.5	132597	15	1	0	23.32	24.44	0.278
QPSK	1772.5	132597	15	1	37	23.09	24.21	0.264
QPSK	1772.5	132597	15	1	74	23.41	24.53	0.284
QPSK	1772.5	132597	15	36	0	22.19	23.31	0.214
QPSK	1772.5	132597	15	36	29	22.12	23.24	0.211
QPSK	1772.5	132597	15	36	30	22.32	23.44	0.221
QPSK	1772.5	132597	15	75	0	22.29	23.41	0.219

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1717.5	132047	15	1	0	23.02	24.14	0.259
16QAM	1717.5	132047	15	1	37	22.89	24.01	0.252
16QAM	1717.5	132047	15	1	74	23.08	24.20	0.263
16QAM	1717.5	132047	15	36	0	21.28	22.40	0.174
16QAM	1717.5	132047	15	36	29	21.46	22.58	0.181
16QAM	1717.5	132047	15	36	30	21.45	22.57	0.181
16QAM	1717.5	132047	15	75	0	21.44	22.56	0.180
16QAM	1755	132422	15	1	0	22.87	23.99	0.251
16QAM	1755	132422	15	1	37	23.42	24.54	0.284
16QAM	1755	132422	15	1	74	22.68	23.80	0.240
16QAM	1755	132422	15	36	0	21.30	22.42	0.175
16QAM	1755	132422	15	36	29	21.45	22.57	0.181
16QAM	1755	132422	15	36	30	21.33	22.45	0.176
16QAM	1755	132422	15	75	0	21.51	22.63	0.183
16QAM	1772.5	132597	15	1	0	22.65	23.77	0.238
16QAM	1772.5	132597	15	1	37	22.55	23.67	0.233
16QAM	1772.5	132597	15	1	74	23.06	24.18	0.262
16QAM	1772.5	132597	15	36	0	21.21	22.33	0.171
16QAM	1772.5	132597	15	36	29	21.37	22.49	0.177
16QAM	1772.5	132597	15	36	30	21.34	22.46	0.176
16QAM	1772.5	132597	15	75	0	21.35	22.47	0.177

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1720	132072	20	1	0	23.45	24.57	0.286
QPSK	1720	132072	20	1	49	23.74	24.86	0.306
QPSK	1720	132072	20	1	99	23.86	24.98	0.315
QPSK	1720	132072	20	50	0	22.44	23.56	0.227
QPSK	1720	132072	20	50	24	22.29	23.41	0.219
QPSK	1720	132072	20	50	50	22.46	23.58	0.228
QPSK	1720	132072	20	100	0	22.29	23.41	0.219
QPSK	1755	132422	20	1	0	23.34	24.46	0.279
QPSK	1755	132422	20	1	49	23.44	24.56	0.286
QPSK	1755	132422	20	1	99	23.48	24.60	0.288
QPSK	1755	132422	20	50	0	22.32	23.44	0.221
QPSK	1755	132422	20	50	24	22.38	23.50	0.224
QPSK	1755	132422	20	50	50	22.42	23.54	0.226
QPSK	1755	132422	20	100	0	22.17	23.29	0.213
QPSK	1770	132572	20	1	0	23.21	24.33	0.271
QPSK	1770	132572	20	1	49	23.40	24.52	0.283
QPSK	1770	132572	20	1	99	23.32	24.44	0.278
QPSK	1770	132572	20	50	0	22.26	23.38	0.218
QPSK	1770	132572	20	50	24	22.40	23.52	0.225
QPSK	1770	132572	20	50	50	22.15	23.27	0.212
QPSK	1770	132572	20	100	0	22.35	23.47	0.222

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1720	132072	20	1	0	22.52	23.64	0.231
16QAM	1720	132072	20	1	49	23.23	24.35	0.272
16QAM	1720	132072	20	1	99	22.62	23.74	0.237
16QAM	1720	132072	20	50	0	21.47	22.59	0.182
16QAM	1720	132072	20	50	24	21.53	22.65	0.184
16QAM	1720	132072	20	50	50	21.51	22.63	0.183
16QAM	1720	132072	20	100	0	21.45	22.57	0.181
16QAM	1755	132422	20	1	0	22.69	23.81	0.240
16QAM	1755	132422	20	1	49	22.81	23.93	0.247
16QAM	1755	132422	20	1	99	22.36	23.48	0.223
16QAM	1755	132422	20	50	0	21.40	22.52	0.179
16QAM	1755	132422	20	50	24	21.43	22.55	0.180
16QAM	1755	132422	20	50	50	21.46	22.58	0.181
16QAM	1755	132422	20	100	0	21.54	22.66	0.185
16QAM	1770	132572	20	1	0	22.71	23.83	0.242
16QAM	1770	132572	20	1	49	23.20	24.32	0.270
16QAM	1770	132572	20	1	99	22.92	24.04	0.254
16QAM	1770	132572	20	50	0	21.37	22.49	0.177
16QAM	1770	132572	20	50	24	21.38	22.50	0.178
16QAM	1770	132572	20	50	50	21.45	22.57	0.181
16QAM	1770	132572	20	100	0	21.38	22.50	0.178