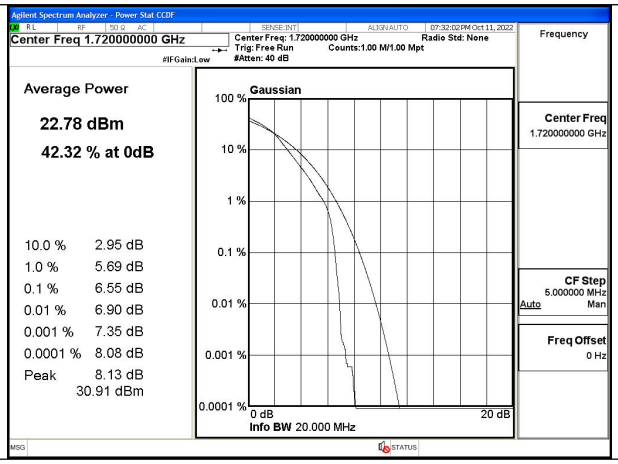


Fig.61

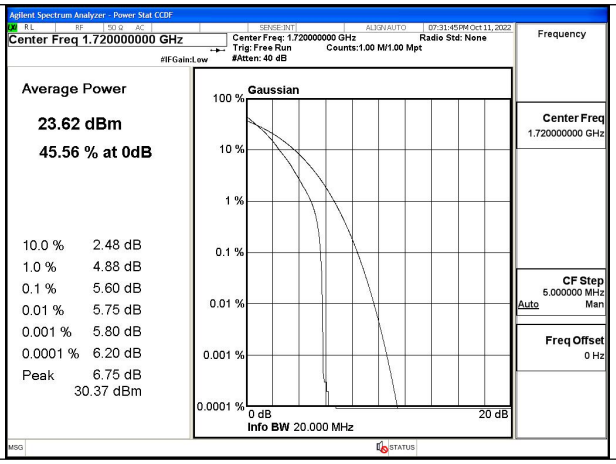
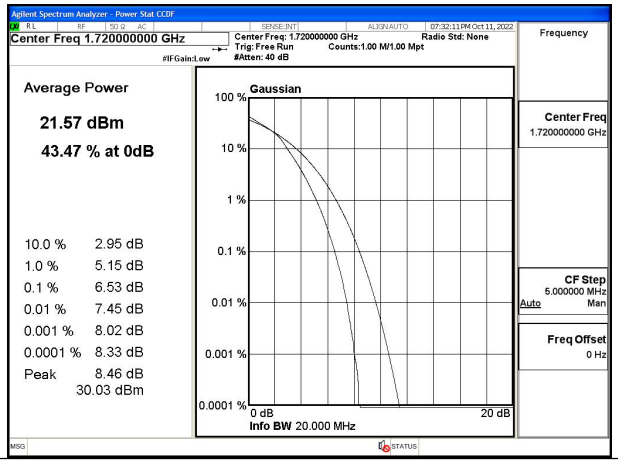


Fig.62



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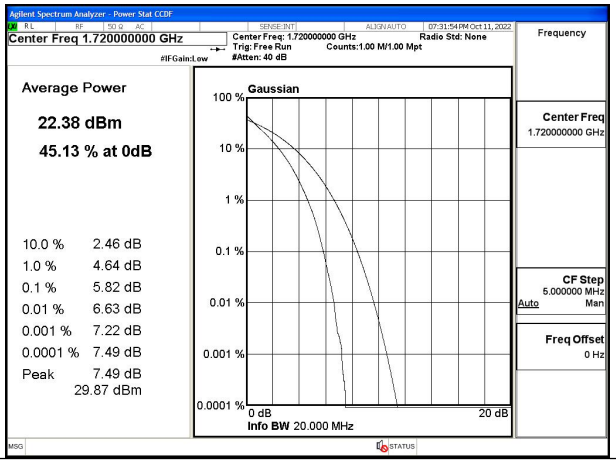

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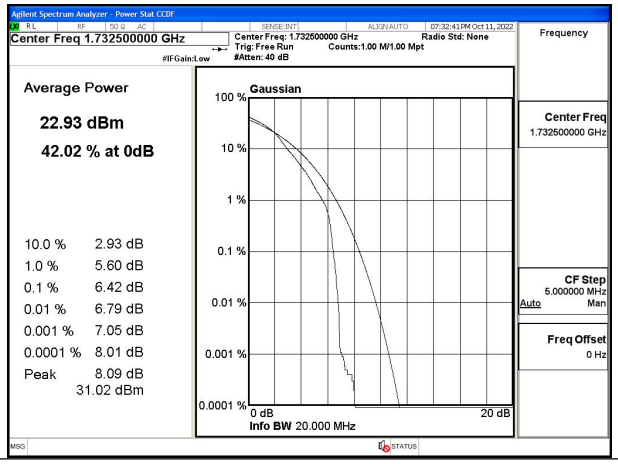
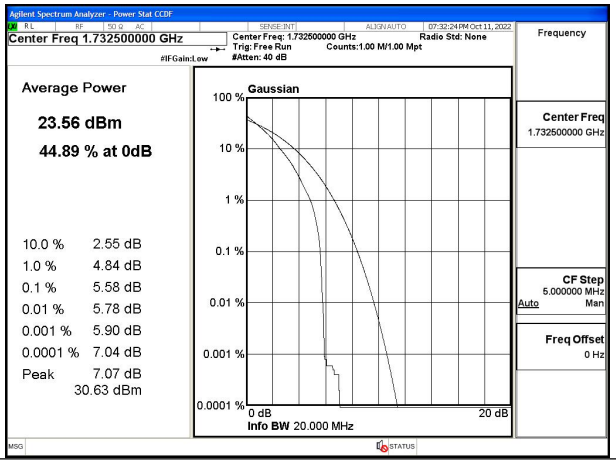


Fig.65



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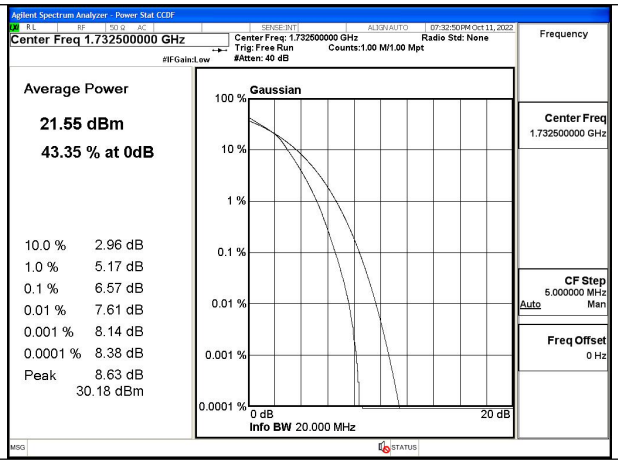


Fig.67

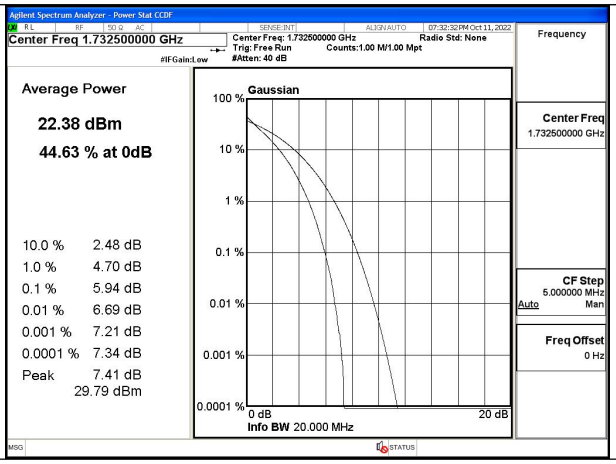


Fig.68

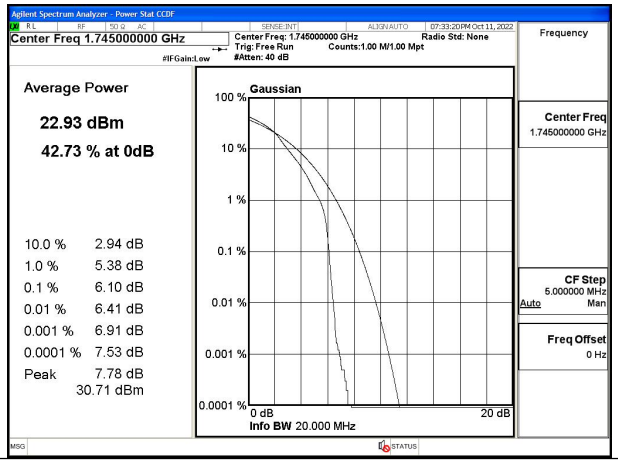


Fig.69

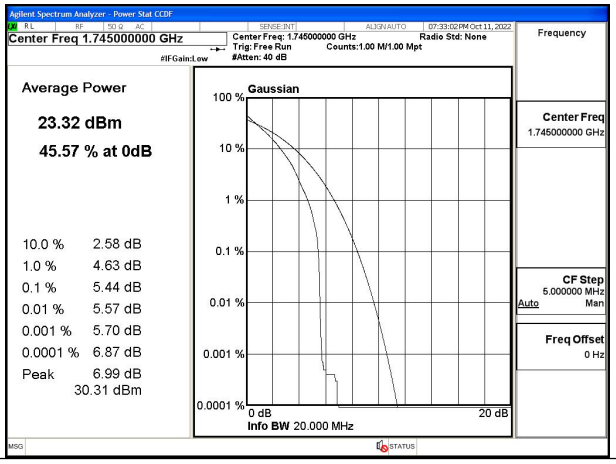


Fig.70

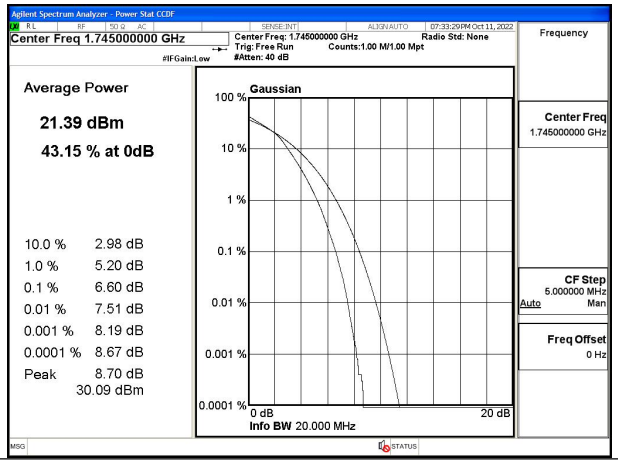


Fig.71

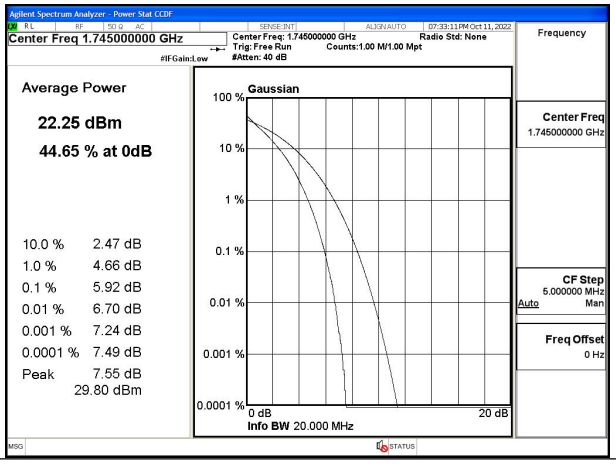


Fig.72

5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
4	1720	20050	20	1	0	Fig.1
4	1732.5	20175	20	1	0	Fig.2
4	1745	20300	20	1	0	Fig.3

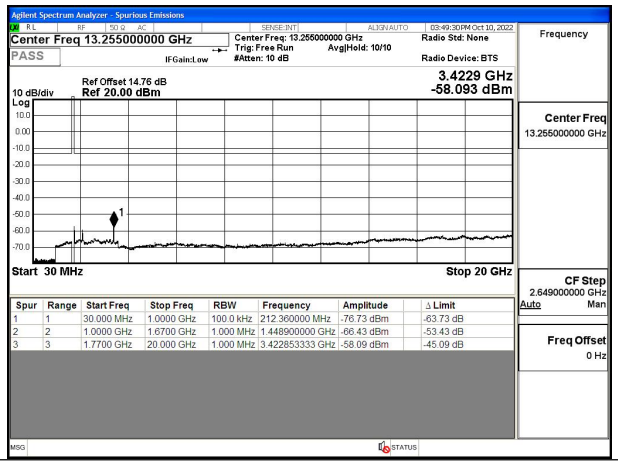


Fig.1

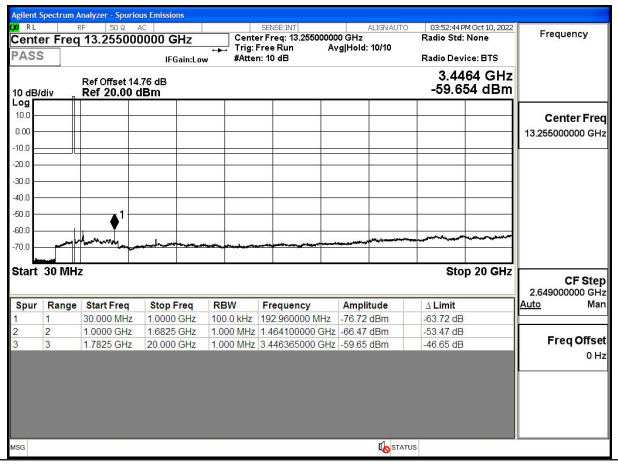


Fig.2

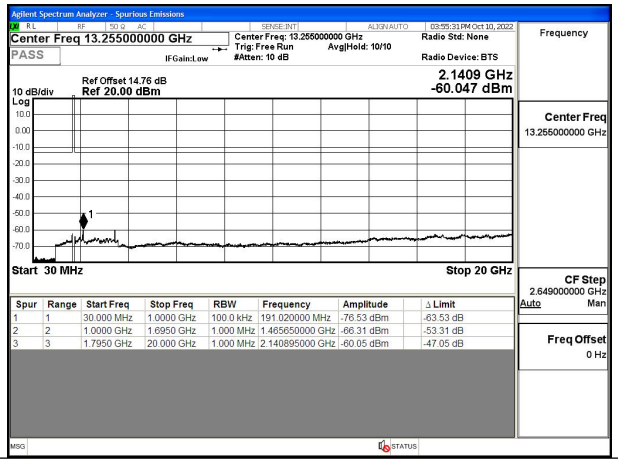


Fig.3

6 Band Edges Compliance

Band	Mode	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
4	QPSK	1710.7	19957	1.4	1	0	Fig.1
4	QPSK	1710.7	19957	1.4	6	0	Fig.2
4	QPSK	1754.3	20393	1.4	1	5	Fig.3
4	QPSK	1754.3	20393	1.4	6	0	Fig.4
4	QPSK	1711.5	19965	3	1	0	Fig.5
4	QPSK	1711.5	19965	3	15	0	Fig.6
4	QPSK	1753.5	20385	3	1	14	Fig.7
4	QPSK	1753.5	20385	3	15	0	Fig.8
4	QPSK	1712.5	19975	5	1	0	Fig.9
4	QPSK	1712.5	19975	5	25	0	Fig.10
4	QPSK	1752.5	20375	5	1	24	Fig.11
4	QPSK	1752.5	20375	5	25	0	Fig.12
4	QPSK	1715	20000	10	1	0	Fig.13
4	QPSK	1715	20000	10	50	0	Fig.14
4	QPSK	1750	20350	10	1	49	Fig.15
4	QPSK	1750	20350	10	50	0	Fig.16
4	QPSK	1717.5	20025	15	1	0	Fig.17
4	QPSK	1717.5	20025	15	75	0	Fig.18
4	QPSK	1747.5	20325	15	1	74	Fig.19
4	QPSK	1747.5	20325	15	75	0	Fig.20
4	QPSK	1720	20050	20	1	0	Fig.21
4	QPSK	1720	20050	20	100	0	Fig.22
4	QPSK	1745	20300	20	1	99	Fig.23
4	QPSK	1745	20300	20	100	0	Fig.24

Test Mode: QPSK

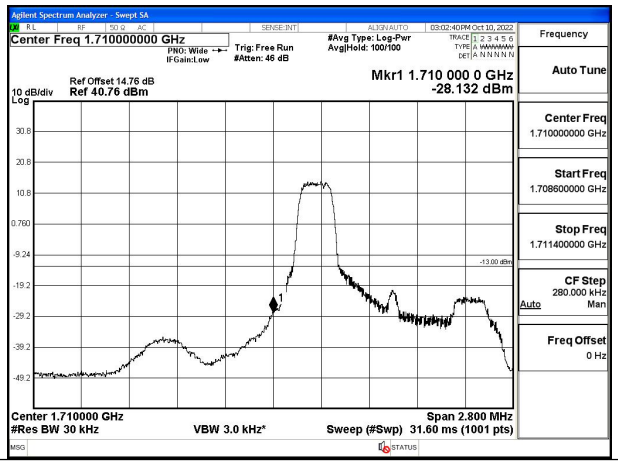


Fig.1

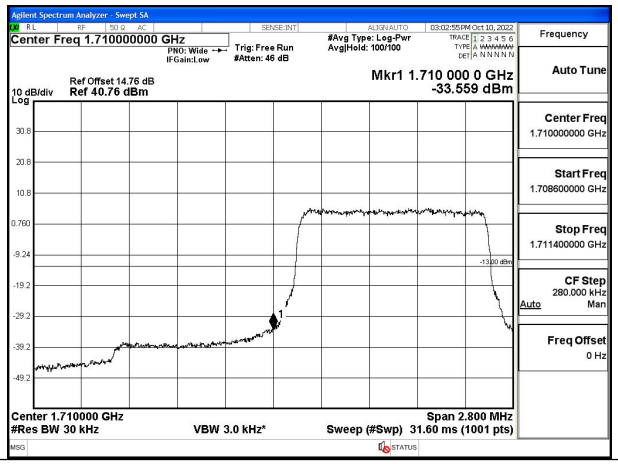


Fig.2

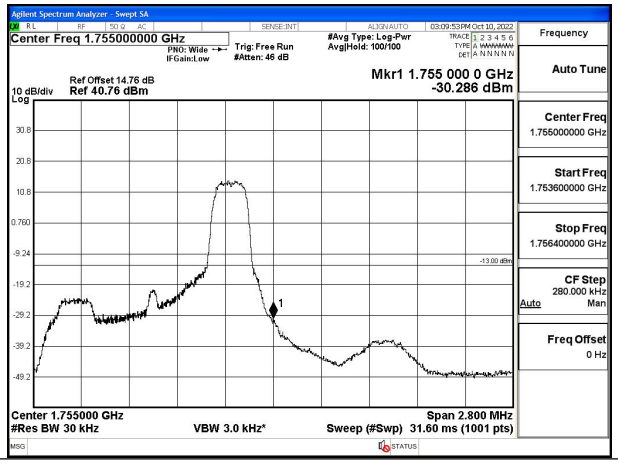


Fig.3

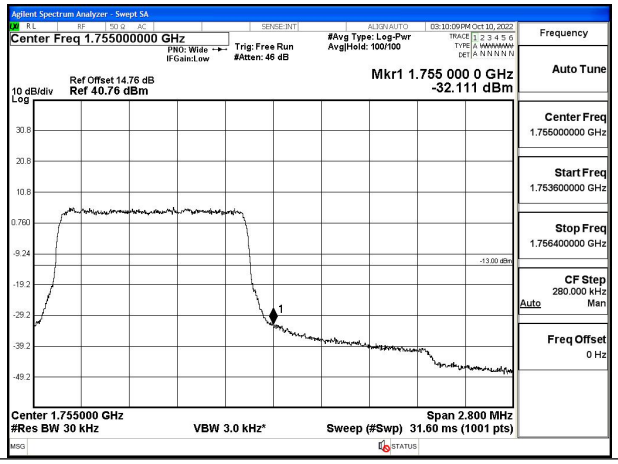


Fig.4

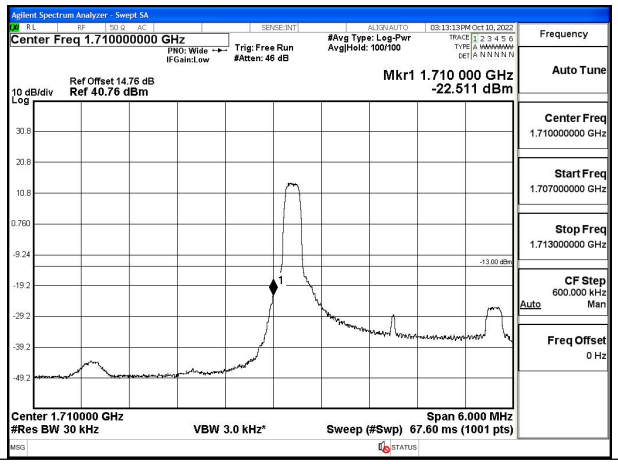


Fig.5

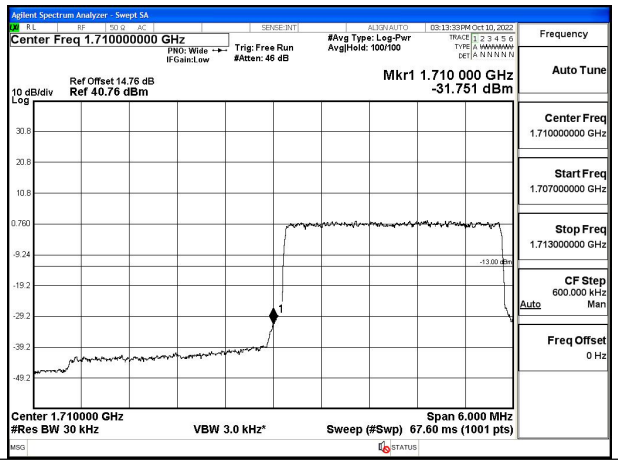


Fig.6

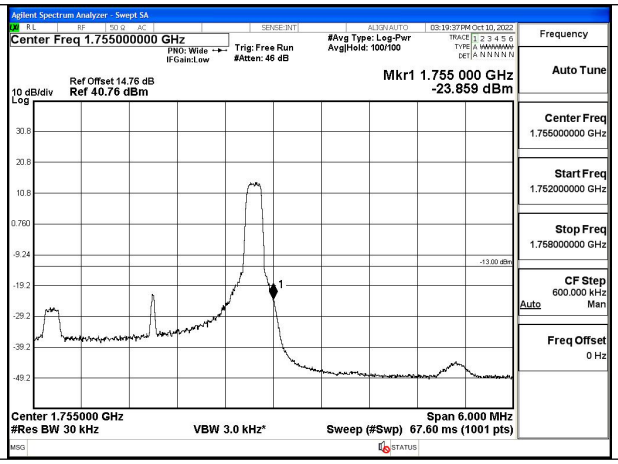


Fig.7

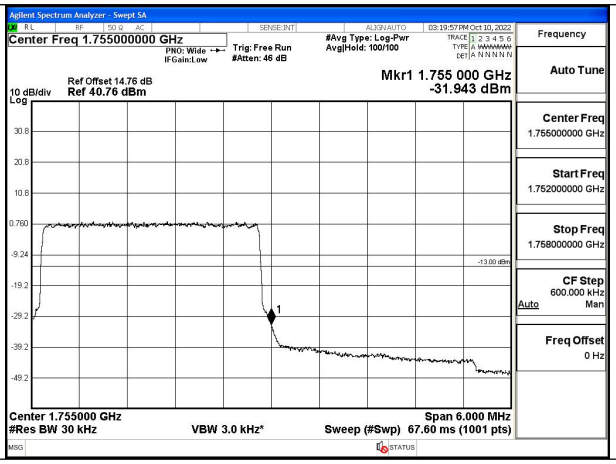


Fig.8

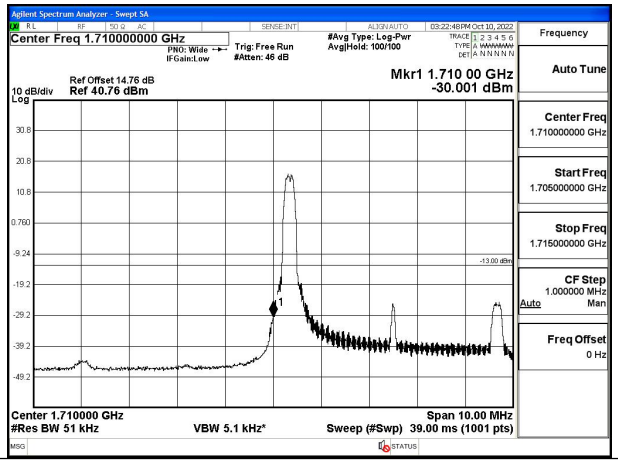


Fig.9

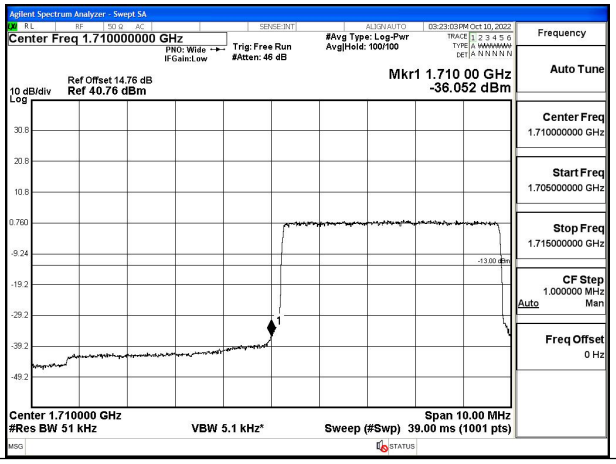


Fig.10

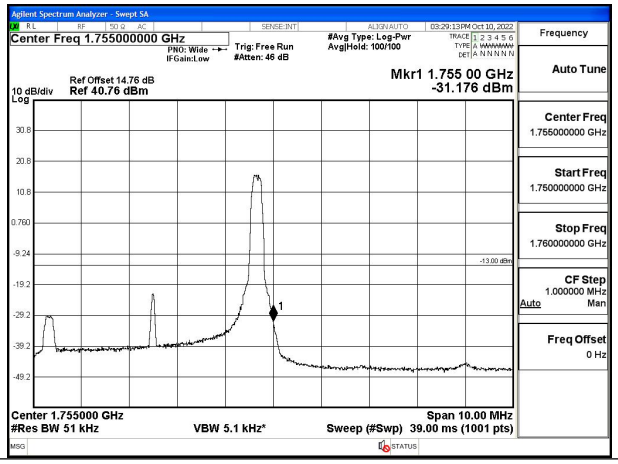


Fig.11

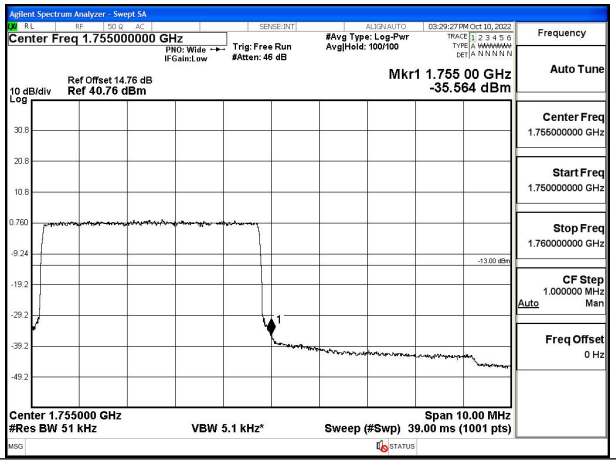


Fig.12

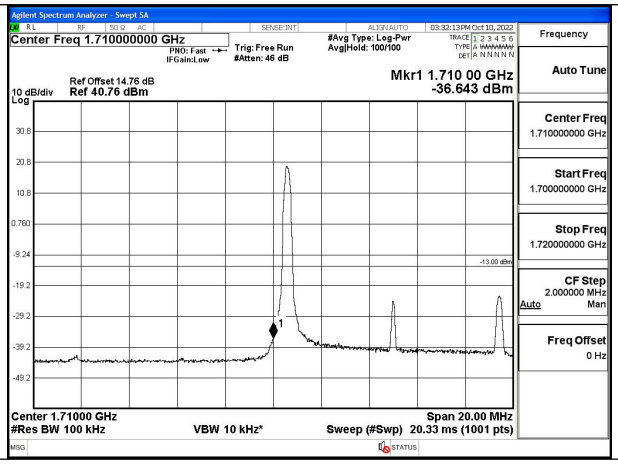


Fig.13

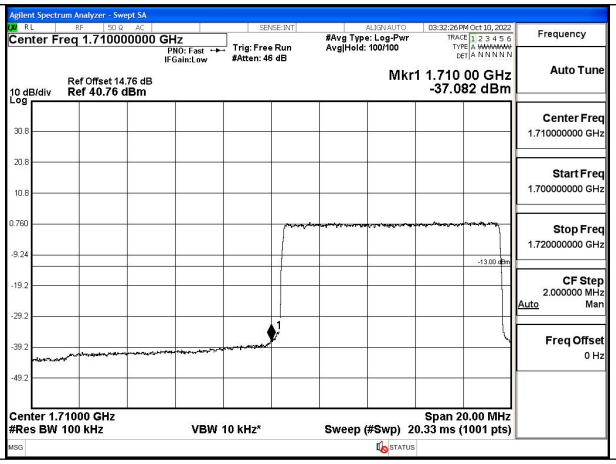


Fig.14

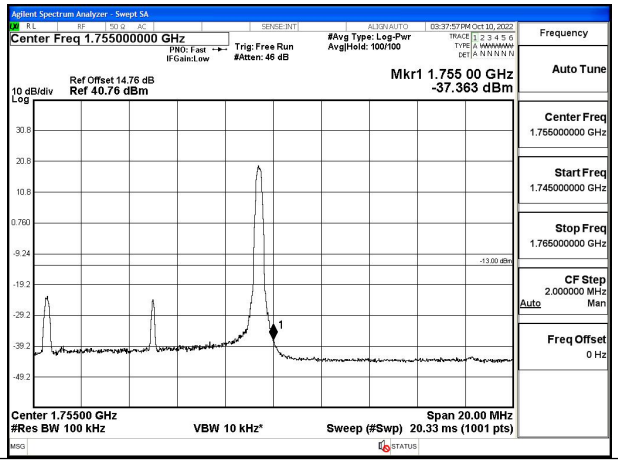


Fig.15

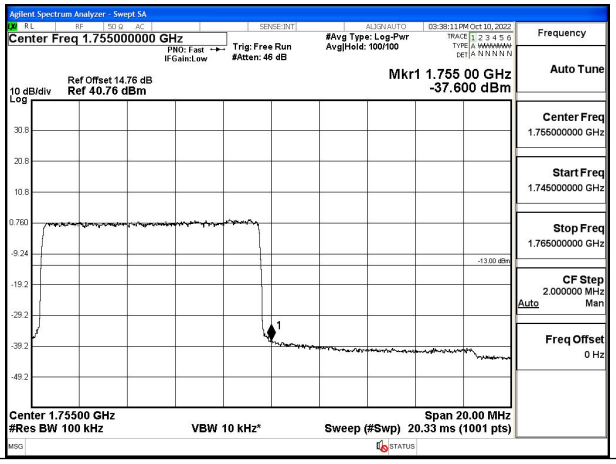


Fig.16

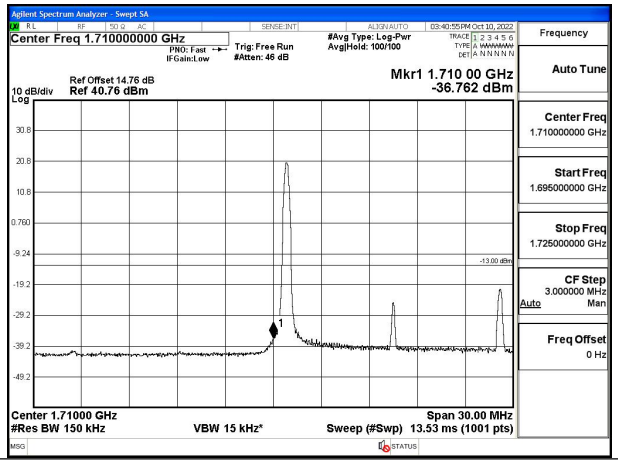


Fig.17

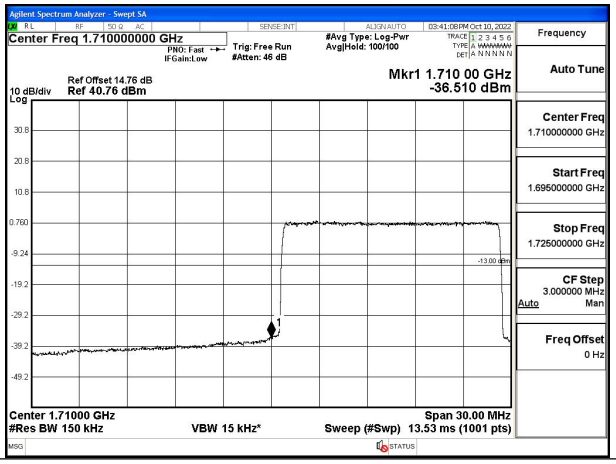


Fig.18

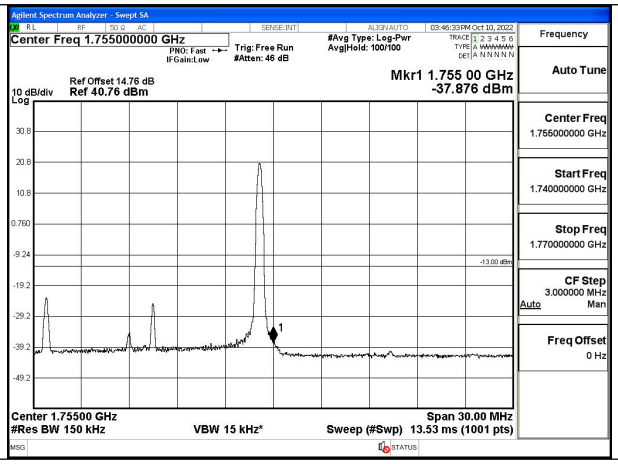


Fig.19

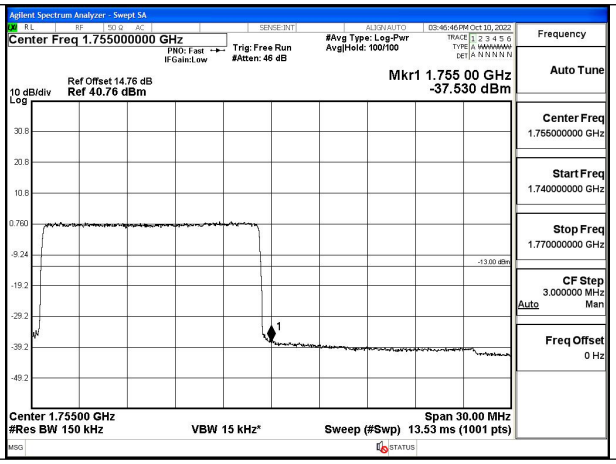
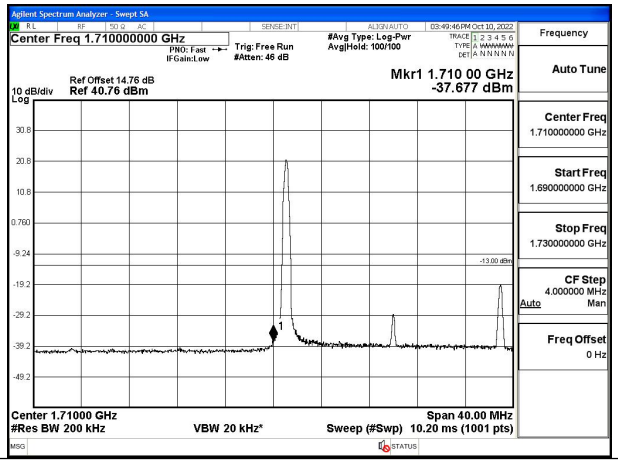


Fig.20



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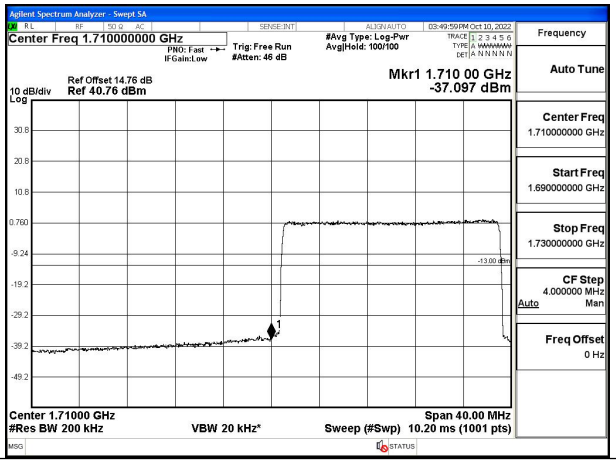

Fig.22

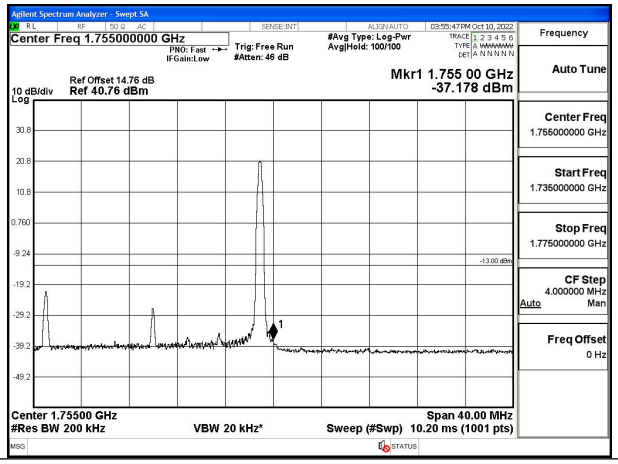

Fig.23

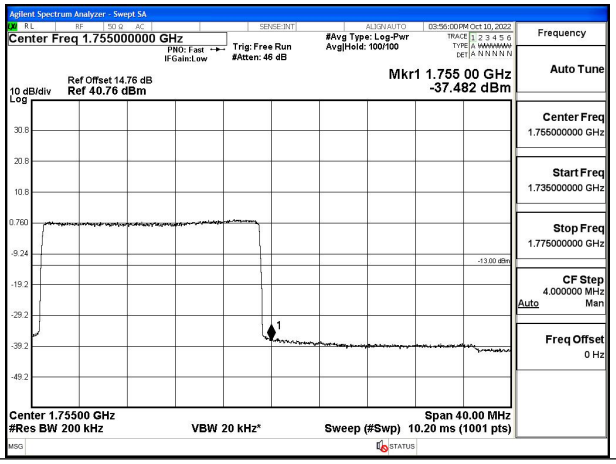

Fig.24

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band 4 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-20	NV	0.008	0.009	-0.004	-0.006	-0.002	0.005
-10	NV	-0.002	-0.006	0.004	0.007	-0.003	0.006
0	NV	0.008	0.007	0.004	0.005	0.005	0.006
+10	NV	0.005	0.002	0.002	-0.004	0.010	0.006
+20	NV	0.013	0.001	0.003	-0.005	0.008	0.001
+30	NV	0.008	0.004	0.009	0.005	0.005	0.004
+40	NV	0.004	0.005	0.001	0.005	0.009	0.008
+50	NV	0.010	0.007	-0.003	0.005	0.005	0.009
+60	NV	0.006	0.001	-0.003	0.008	-0.004	0.006
+20	LV	0.007	0.006	0.011	0.007	0.005	0.009
+20	HV	0.008	0.005	-0.004	-0.004	0.003	0.002

Temperature(°C)	Voltage	Test Result (ppm) Band 4 High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-20	NV	-0.001	0.008	0.004	0.011	0.010	0.005
-10	NV	0.004	0.002	-0.003	0.003	0.008	0.001
0	NV	0.004	0.005	-0.005	0.005	0.011	0.005
+10	NV	-0.002	-0.003	-0.004	0.000	0.005	0.004
+20	NV	-0.008	-0.001	0.000	-0.003	0.007	0.001
+30	NV	-0.001	-0.004	-0.001	0.003	0.005	-0.002
+40	NV	-0.003	-0.001	0.004	-0.005	0.006	0.001
+50	NV	-0.005	-0.008	-0.007	-0.005	0.005	0.002
+60	NV	0.008	-0.002	0.011	0.008	0.001	0.009
+20	LV	0.007	0.010	0.009	0.005	-0.002	0.003
+20	HV	0.001	0.004	-0.004	0.008	0.005	-0.003

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	19957	1.4	1	0	22.84	23.96	0.249
QPSK	1710.7	19957	1.4	1	3	23.21	24.33	0.271
QPSK	1710.7	19957	1.4	1	5	23.33	24.45	0.279
QPSK	1710.7	19957	1.4	3	0	23.27	24.39	0.275
QPSK	1710.7	19957	1.4	3	1	23.31	24.43	0.277
QPSK	1710.7	19957	1.4	3	3	23.19	24.31	0.270
QPSK	1710.7	19957	1.4	6	0	22.28	23.40	0.219
QPSK	1732.5	20175	1.4	1	0	23.27	24.39	0.275
QPSK	1732.5	20175	1.4	1	3	23.22	24.34	0.272
QPSK	1732.5	20175	1.4	1	5	23.24	24.36	0.273
QPSK	1732.5	20175	1.4	3	0	23.28	24.40	0.275
QPSK	1732.5	20175	1.4	3	1	23.29	24.41	0.276
QPSK	1732.5	20175	1.4	3	3	23.23	24.35	0.272
QPSK	1732.5	20175	1.4	6	0	22.18	23.30	0.214
QPSK	1754.3	20393	1.4	1	0	23.26	24.38	0.274
QPSK	1754.3	20393	1.4	1	3	23.11	24.23	0.265
QPSK	1754.3	20393	1.4	1	5	23.17	24.29	0.269
QPSK	1754.3	20393	1.4	3	0	23.39	24.51	0.282
QPSK	1754.3	20393	1.4	3	1	23.13	24.25	0.266
QPSK	1754.3	20393	1.4	3	3	23.11	24.23	0.265
QPSK	1754.3	20393	1.4	6	0	22.10	23.22	0.210

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1710.7	19957	1.4	1	0	22.74	23.86	0.243
16QAM	1710.7	19957	1.4	1	3	22.33	23.45	0.221
16QAM	1710.7	19957	1.4	1	5	23.36	24.48	0.281
16QAM	1710.7	19957	1.4	3	0	22.50	23.62	0.230
16QAM	1710.7	19957	1.4	3	1	22.53	23.65	0.232
16QAM	1710.7	19957	1.4	3	3	22.64	23.76	0.238
16QAM	1710.7	19957	1.4	6	0	21.10	22.22	0.167
16QAM	1732.5	20175	1.4	1	0	22.63	23.75	0.237
16QAM	1732.5	20175	1.4	1	3	22.83	23.95	0.248
16QAM	1732.5	20175	1.4	1	5	22.64	23.76	0.238
16QAM	1732.5	20175	1.4	3	0	22.48	23.60	0.229
16QAM	1732.5	20175	1.4	3	1	22.62	23.74	0.237
16QAM	1732.5	20175	1.4	3	3	22.51	23.63	0.231
16QAM	1732.5	20175	1.4	6	0	20.92	22.04	0.160
16QAM	1754.3	20393	1.4	1	0	22.29	23.41	0.219
16QAM	1754.3	20393	1.4	1	3	22.01	23.13	0.206
16QAM	1754.3	20393	1.4	1	5	22.89	24.01	0.252
16QAM	1754.3	20393	1.4	3	0	22.45	23.57	0.228
16QAM	1754.3	20393	1.4	3	1	22.36	23.48	0.223
16QAM	1754.3	20393	1.4	3	3	22.38	23.50	0.224
16QAM	1754.3	20393	1.4	6	0	20.92	22.04	0.160

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1711.5	19965	3	1	0	23.23	24.35	0.272
QPSK	1711.5	19965	3	1	8	23.28	24.40	0.275
QPSK	1711.5	19965	3	1	14	23.23	24.35	0.272
QPSK	1711.5	19965	3	8	0	22.25	23.37	0.217
QPSK	1711.5	19965	3	8	4	22.30	23.42	0.220
QPSK	1711.5	19965	3	8	7	22.28	23.40	0.219
QPSK	1711.5	19965	3	15	0	22.27	23.39	0.218
QPSK	1732.5	20175	3	1	0	23.07	24.19	0.262
QPSK	1732.5	20175	3	1	8	23.09	24.21	0.264
QPSK	1732.5	20175	3	1	14	23.16	24.28	0.268
QPSK	1732.5	20175	3	8	0	22.24	23.36	0.217
QPSK	1732.5	20175	3	8	4	22.18	23.30	0.214
QPSK	1732.5	20175	3	8	7	22.17	23.29	0.213
QPSK	1732.5	20175	3	15	0	22.14	23.26	0.212
QPSK	1753.5	20385	3	1	0	23.17	24.29	0.269
QPSK	1753.5	20385	3	1	8	23.25	24.37	0.274
QPSK	1753.5	20385	3	1	14	23.22	24.34	0.272
QPSK	1753.5	20385	3	8	0	22.26	23.38	0.218
QPSK	1753.5	20385	3	8	4	22.18	23.30	0.214
QPSK	1753.5	20385	3	8	7	22.18	23.30	0.214
QPSK	1753.5	20385	3	15	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	1711.5	19965	3	1	0	22.99	24.11	0.258
16QAM	1711.5	19965	3	1	8	22.81	23.93	0.247
16QAM	1711.5	19965	3	1	14	22.60	23.72	0.236
16QAM	1711.5	19965	3	8	0	21.48	22.60	0.182
16QAM	1711.5	19965	3	8	4	21.57	22.69	0.186
16QAM	1711.5	19965	3	8	7	21.49	22.61	0.182
16QAM	1711.5	19965	3	15	0	21.41	22.53	0.179
16QAM	1732.5	20175	3	1	0	23.03	24.15	0.260
16QAM	1732.5	20175	3	1	8	22.93	24.05	0.254
16QAM	1732.5	20175	3	1	14	22.96	24.08	0.256
16QAM	1732.5	20175	3	8	0	21.30	22.42	0.175
16QAM	1732.5	20175	3	8	4	21.37	22.49	0.177
16QAM	1732.5	20175	3	8	7	21.43	22.55	0.180
16QAM	1732.5	20175	3	15	0	21.30	22.42	0.175
16QAM	1753.5	20385	3	1	0	22.78	23.90	0.245
16QAM	1753.5	20385	3	1	8	23.03	24.15	0.260
16QAM	1753.5	20385	3	1	14	22.23	23.35	0.216
16QAM	1753.5	20385	3	8	0	21.42	22.54	0.179
16QAM	1753.5	20385	3	8	4	21.36	22.48	0.177
16QAM	1753.5	20385	3	8	7	21.28	22.40	0.174
16QAM	1753.5	20385	3	15	0	21.38	22.50	0.178

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1712.5	19975	5	1	0	23.22	24.34	0.272
QPSK	1712.5	19975	5	1	12	23.16	24.28	0.268
QPSK	1712.5	19975	5	1	24	23.36	24.48	0.281
QPSK	1712.5	19975	5	12	0	22.24	23.36	0.217
QPSK	1712.5	19975	5	12	7	22.17	23.29	0.213
QPSK	1712.5	19975	5	12	13	22.30	23.42	0.220
QPSK	1712.5	19975	5	25	0	22.29	23.41	0.219
QPSK	1732.5	20175	5	1	0	23.32	24.44	0.278
QPSK	1732.5	20175	5	1	12	23.41	24.53	0.284
QPSK	1732.5	20175	5	1	24	23.39	24.51	0.282
QPSK	1732.5	20175	5	12	0	22.23	23.35	0.216
QPSK	1732.5	20175	5	12	7	22.35	23.47	0.222
QPSK	1732.5	20175	5	12	13	22.31	23.43	0.220
QPSK	1732.5	20175	5	25	0	22.21	23.33	0.215
QPSK	1752.5	20375	5	1	0	23.34	24.46	0.279
QPSK	1752.5	20375	5	1	12	23.25	24.37	0.274
QPSK	1752.5	20375	5	1	24	23.36	24.48	0.281
QPSK	1752.5	20375	5	12	0	22.16	23.28	0.213
QPSK	1752.5	20375	5	12	7	22.18	23.30	0.214
QPSK	1752.5	20375	5	12	13	22.17	23.29	0.213
QPSK	1752.5	20375	5	25	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	1712.5	19975	5	1	0	22.31	23.43	0.220
16QAM	1712.5	19975	5	1	12	23.28	24.40	0.275
16QAM	1712.5	19975	5	1	24	22.31	23.43	0.220
16QAM	1712.5	19975	5	12	0	21.34	22.46	0.176
16QAM	1712.5	19975	5	12	7	21.24	22.36	0.172
16QAM	1712.5	19975	5	12	13	21.43	22.55	0.180
16QAM	1712.5	19975	5	25	0	21.24	22.36	0.172
16QAM	1732.5	20175	5	1	0	22.54	23.66	0.232
16QAM	1732.5	20175	5	1	12	22.64	23.76	0.238
16QAM	1732.5	20175	5	1	24	22.47	23.59	0.229
16QAM	1732.5	20175	5	12	0	21.36	22.48	0.177
16QAM	1732.5	20175	5	12	7	21.42	22.54	0.179
16QAM	1732.5	20175	5	12	13	21.42	22.54	0.179
16QAM	1732.5	20175	5	25	0	21.50	22.62	0.183
16QAM	1752.5	20375	5	1	0	22.18	23.30	0.214
16QAM	1752.5	20375	5	1	12	22.70	23.82	0.241
16QAM	1752.5	20375	5	1	24	22.85	23.97	0.249
16QAM	1752.5	20375	5	12	0	21.19	22.31	0.170
16QAM	1752.5	20375	5	12	7	21.25	22.37	0.173
16QAM	1752.5	20375	5	12	13	21.22	22.34	0.171
16QAM	1752.5	20375	5	25	0	21.37	22.49	0.177

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1715	20000	10	1	0	23.53	24.65	0.292
QPSK	1715	20000	10	1	25	23.30	24.42	0.277
QPSK	1715	20000	10	1	49	23.46	24.58	0.287
QPSK	1715	20000	10	25	0	22.35	23.47	0.222
QPSK	1715	20000	10	25	12	22.31	23.43	0.220
QPSK	1715	20000	10	25	25	22.26	23.38	0.218
QPSK	1715	20000	10	50	0	22.23	23.35	0.216
QPSK	1732.5	20175	10	1	0	23.45	24.57	0.286
QPSK	1732.5	20175	10	1	25	23.39	24.51	0.282
QPSK	1732.5	20175	10	1	49	23.51	24.63	0.290
QPSK	1732.5	20175	10	25	0	21.99	23.11	0.205
QPSK	1732.5	20175	10	25	12	22.42	23.54	0.226
QPSK	1732.5	20175	10	25	25	22.30	23.42	0.220
QPSK	1732.5	20175	10	50	0	22.16	23.28	0.213
QPSK	1750	20350	10	1	0	22.93	24.05	0.254
QPSK	1750	20350	10	1	25	23.25	24.37	0.274
QPSK	1750	20350	10	1	49	23.04	24.16	0.261
QPSK	1750	20350	10	25	0	22.19	23.31	0.214
QPSK	1750	20350	10	25	12	22.31	23.43	0.220
QPSK	1750	20350	10	25	25	22.18	23.30	0.214
QPSK	1750	20350	10	50	0	22.17	23.29	0.213

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1715	20000	10	1	0	22.90	24.02	0.252
16QAM	1715	20000	10	1	25	22.28	23.40	0.219
16QAM	1715	20000	10	1	49	22.75	23.87	0.244
16QAM	1715	20000	10	25	0	21.44	22.56	0.180
16QAM	1715	20000	10	25	12	21.55	22.67	0.185
16QAM	1715	20000	10	25	25	21.56	22.68	0.185
16QAM	1715	20000	10	50	0	21.40	22.52	0.179
16QAM	1732.5	20175	10	1	0	22.52	23.64	0.231
16QAM	1732.5	20175	10	1	25	22.95	24.07	0.255
16QAM	1732.5	20175	10	1	49	22.72	23.84	0.242
16QAM	1732.5	20175	10	25	0	21.19	22.31	0.170
16QAM	1732.5	20175	10	25	12	21.41	22.53	0.179
16QAM	1732.5	20175	10	25	25	21.32	22.44	0.175
16QAM	1732.5	20175	10	50	0	21.31	22.43	0.175
16QAM	1750	20350	10	1	0	22.12	23.24	0.211
16QAM	1750	20350	10	1	25	22.04	23.16	0.207
16QAM	1750	20350	10	1	49	22.87	23.99	0.251
16QAM	1750	20350	10	25	0	21.62	22.74	0.188
16QAM	1750	20350	10	25	12	21.49	22.61	0.182
16QAM	1750	20350	10	25	25	21.62	22.74	0.188
16QAM	1750	20350	10	50	0	21.42	22.54	0.179

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1717.5	20025	15	1	0	23.20	24.32	0.270
QPSK	1717.5	20025	15	1	37	23.28	24.40	0.275
QPSK	1717.5	20025	15	1	74	23.28	24.40	0.275
QPSK	1717.5	20025	15	36	0	22.32	23.44	0.221
QPSK	1717.5	20025	15	36	29	21.99	23.11	0.205
QPSK	1717.5	20025	15	36	30	22.14	23.26	0.212
QPSK	1717.5	20025	15	75	0	22.05	23.17	0.207
QPSK	1732.5	20175	15	1	0	23.15	24.27	0.267
QPSK	1732.5	20175	15	1	37	23.20	24.32	0.270
QPSK	1732.5	20175	15	1	74	22.95	24.07	0.255
QPSK	1732.5	20175	15	36	0	22.33	23.45	0.221
QPSK	1732.5	20175	15	36	29	22.30	23.42	0.220
QPSK	1732.5	20175	15	36	30	22.31	23.43	0.220
QPSK	1732.5	20175	15	75	0	22.28	23.40	0.219
QPSK	1747.5	20325	15	1	0	22.98	24.10	0.257
QPSK	1747.5	20325	15	1	37	23.13	24.25	0.266
QPSK	1747.5	20325	15	1	74	23.08	24.20	0.263
QPSK	1747.5	20325	15	36	0	22.25	23.37	0.217
QPSK	1747.5	20325	15	36	29	22.36	23.48	0.223
QPSK	1747.5	20325	15	36	30	22.39	23.51	0.224
QPSK	1747.5	20325	15	75	0	22.14	23.26	0.212

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1717.5	20025	15	1	0	22.89	24.01	0.252
16QAM	1717.5	20025	15	1	37	23.06	24.18	0.262
16QAM	1717.5	20025	15	1	74	22.90	24.02	0.252
16QAM	1717.5	20025	15	36	0	21.22	22.34	0.171
16QAM	1717.5	20025	15	36	29	21.18	22.30	0.170
16QAM	1717.5	20025	15	36	30	21.41	22.53	0.179
16QAM	1717.5	20025	15	75	0	21.40	22.52	0.179
16QAM	1732.5	20175	15	1	0	22.27	23.39	0.218
16QAM	1732.5	20175	15	1	37	22.83	23.95	0.248
16QAM	1732.5	20175	15	1	74	22.92	24.04	0.254
16QAM	1732.5	20175	15	36	0	21.10	22.22	0.167
16QAM	1732.5	20175	15	36	29	21.24	22.36	0.172
16QAM	1732.5	20175	15	36	30	21.23	22.35	0.172
16QAM	1732.5	20175	15	75	0	21.39	22.51	0.178
16QAM	1747.5	20325	15	1	0	22.75	23.87	0.244
16QAM	1747.5	20325	15	1	37	23.04	24.16	0.261
16QAM	1747.5	20325	15	1	74	22.73	23.85	0.243
16QAM	1747.5	20325	15	36	0	21.19	22.31	0.170
16QAM	1747.5	20325	15	36	29	21.31	22.43	0.175
16QAM	1747.5	20325	15	36	30	21.24	22.36	0.172
16QAM	1747.5	20325	15	75	0	21.46	22.58	0.181

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1720	20050	20	1	0	23.23	24.35	0.272
QPSK	1720	20050	20	1	49	23.22	24.34	0.272
QPSK	1720	20050	20	1	99	23.13	24.25	0.266
QPSK	1720	20050	20	50	0	22.03	23.15	0.207
QPSK	1720	20050	20	50	24	22.39	23.51	0.224
QPSK	1720	20050	20	50	50	22.20	23.32	0.215
QPSK	1720	20050	20	100	0	22.41	23.53	0.225
QPSK	1732.5	20175	20	1	0	23.46	24.58	0.287
QPSK	1732.5	20175	20	1	49	23.56	24.68	0.294
QPSK	1732.5	20175	20	1	99	23.54	24.66	0.292
QPSK	1732.5	20175	20	50	0	22.08	23.20	0.209
QPSK	1732.5	20175	20	50	24	22.23	23.35	0.216
QPSK	1732.5	20175	20	50	50	22.06	23.18	0.208
QPSK	1732.5	20175	20	100	0	22.19	23.31	0.214
QPSK	1745	20300	20	1	0	23.15	24.27	0.267
QPSK	1745	20300	20	1	49	23.34	24.46	0.279
QPSK	1745	20300	20	1	99	23.29	24.41	0.276
QPSK	1745	20300	20	50	0	22.05	23.17	0.207
QPSK	1745	20300	20	50	24	22.32	23.44	0.221
QPSK	1745	20300	20	50	50	22.26	23.38	0.218
QPSK	1745	20300	20	100	0	22.30	23.42	0.220

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1720	20050	20	1	0	22.73	23.85	0.243
16QAM	1720	20050	20	1	49	22.42	23.54	0.226
16QAM	1720	20050	20	1	99	23.02	24.14	0.259
16QAM	1720	20050	20	50	0	21.38	22.50	0.178
16QAM	1720	20050	20	50	24	21.27	22.39	0.173
16QAM	1720	20050	20	50	50	21.21	22.33	0.171
16QAM	1720	20050	20	100	0	21.43	22.55	0.180
16QAM	1732.5	20175	20	1	0	22.42	23.54	0.226
16QAM	1732.5	20175	20	1	49	22.93	24.05	0.254
16QAM	1732.5	20175	20	1	99	22.99	24.11	0.258
16QAM	1732.5	20175	20	50	0	21.28	22.40	0.174
16QAM	1732.5	20175	20	50	24	21.36	22.48	0.177
16QAM	1732.5	20175	20	50	50	21.59	22.71	0.187
16QAM	1732.5	20175	20	100	0	21.37	22.49	0.177
16QAM	1745	20300	20	1	0	23.02	24.14	0.259
16QAM	1745	20300	20	1	49	23.33	24.45	0.279
16QAM	1745	20300	20	1	99	22.69	23.81	0.240
16QAM	1745	20300	20	50	0	21.37	22.49	0.177
16QAM	1745	20300	20	50	24	21.34	22.46	0.176
16QAM	1745	20300	20	50	50	21.51	22.63	0.183
16QAM	1745	20300	20	100	0	21.35	22.47	0.177