

6 Band Edges Compliance

Band	Mode	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
7	QPSK	2502.5	20775	5	1	0	Fig.1
7	QPSK	2502.5	20775	5	25	0	Fig.2
7	QPSK	2567.5	21425	5	1	24	Fig.3
7	QPSK	2567.5	21425	5	25	0	Fig.4
7	QPSK	2505	20800	10	1	0	Fig.5
7	QPSK	2505	20800	10	50	0	Fig.6
7	QPSK	2565	21400	10	1	49	Fig.7
7	QPSK	2565	21400	10	50	0	Fig.8
7	QPSK	2507.5	20825	15	1	0	Fig.9
7	QPSK	2507.5	20825	15	75	0	Fig.10
7	QPSK	2562.5	21375	15	1	74	Fig.11
7	QPSK	2562.5	21375	15	75	0	Fig.12
7	QPSK	2510	20850	20	1	0	Fig.13
7	QPSK	2510	20850	20	100	0	Fig.14
7	QPSK	2560	21350	20	1	99	Fig.15
7	QPSK	2560	21350	20	100	0	Fig.16

Test Mode: QPSK

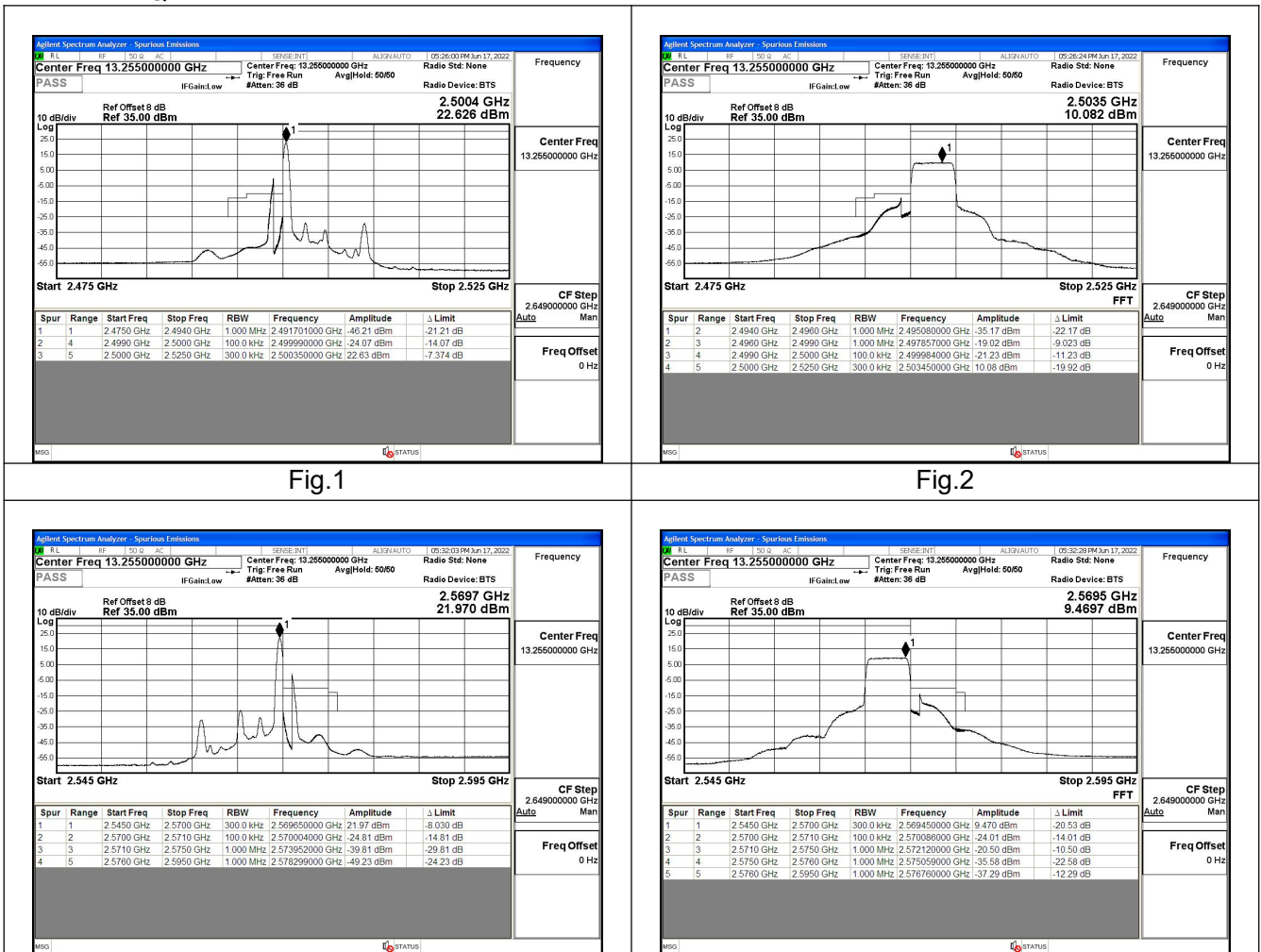


Fig.3

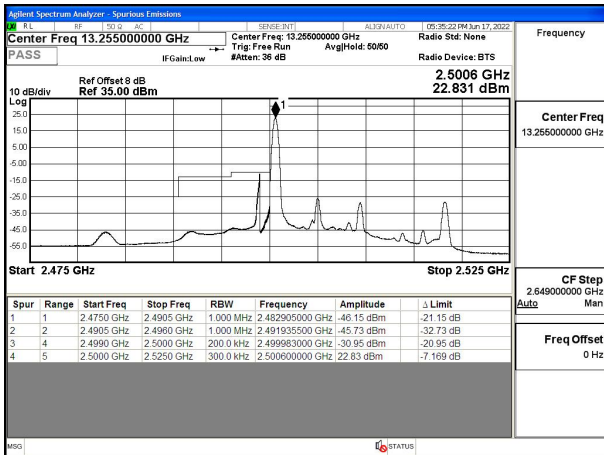


Fig.4

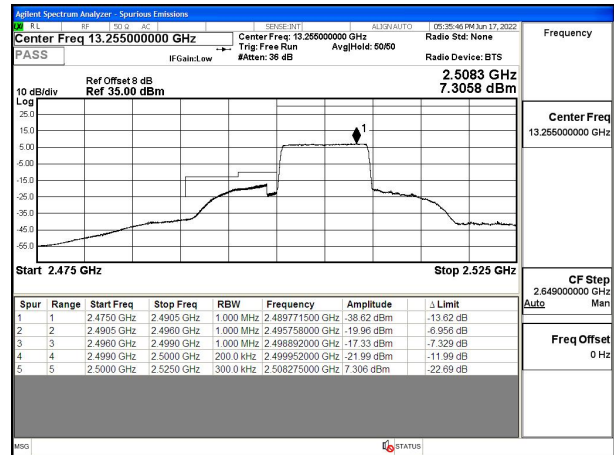


Fig.5

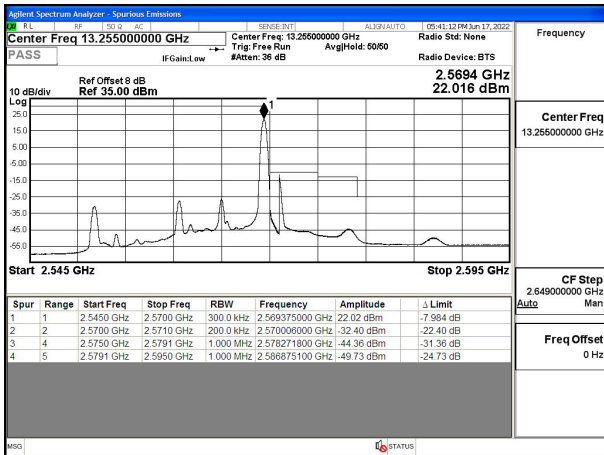


Fig.6

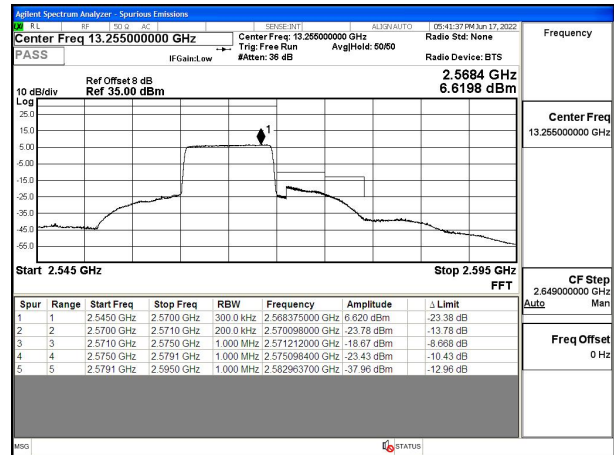


Fig.7

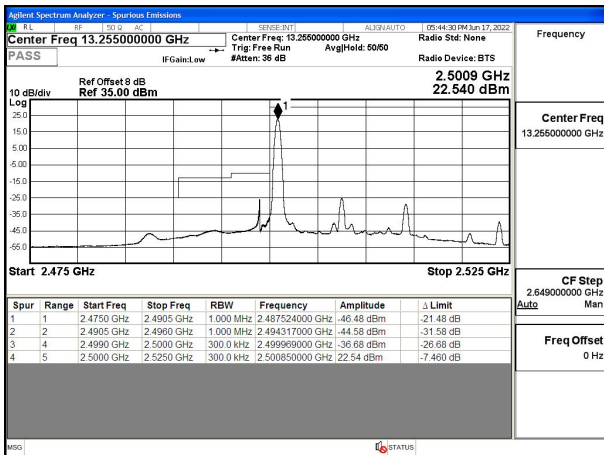


Fig.8

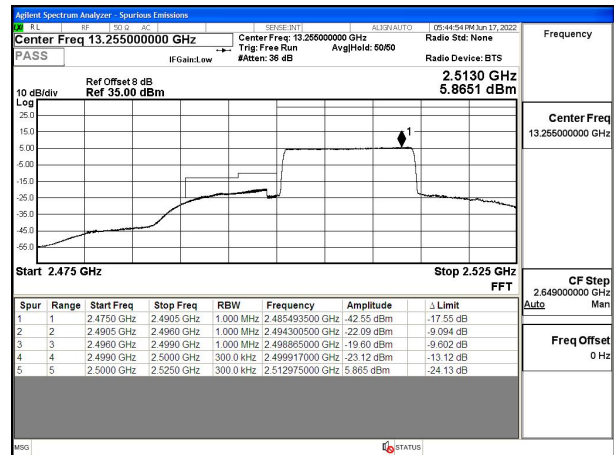


Fig.9

Fig.10

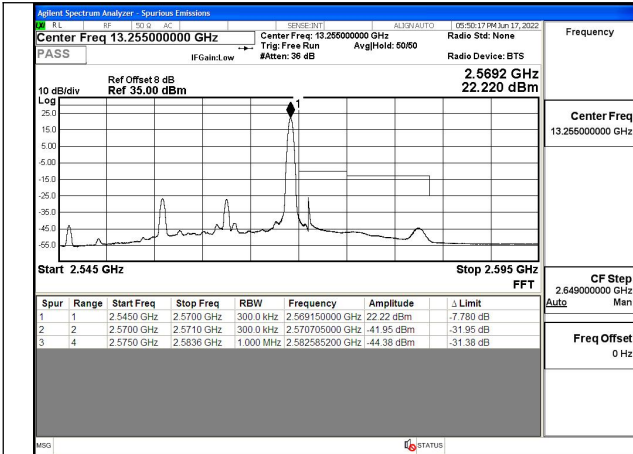


Fig. 11

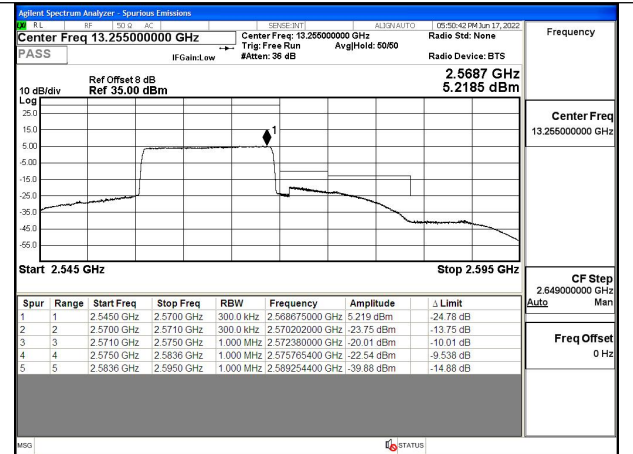


Fig. 12

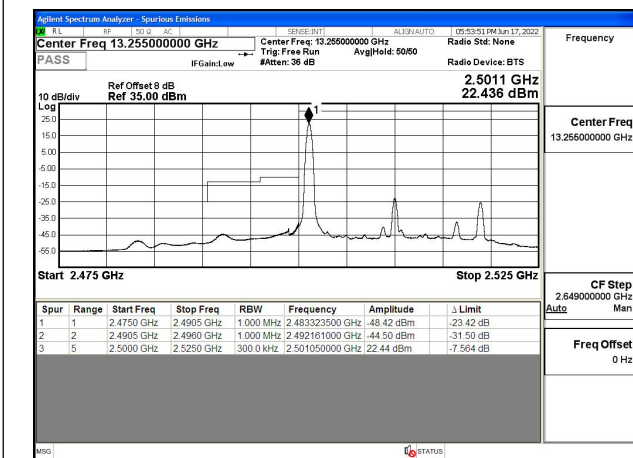


Fig. 13

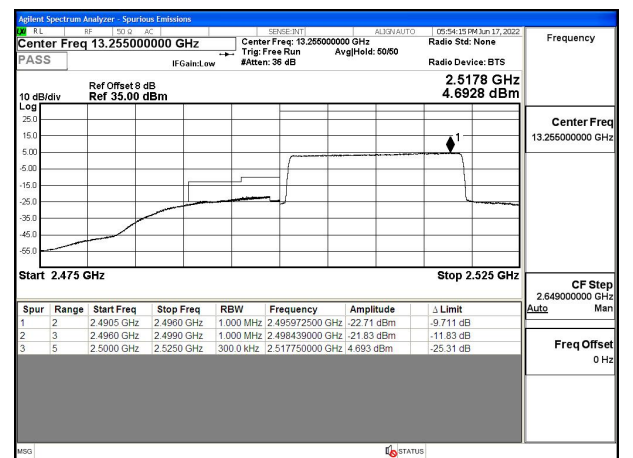


Fig. 14

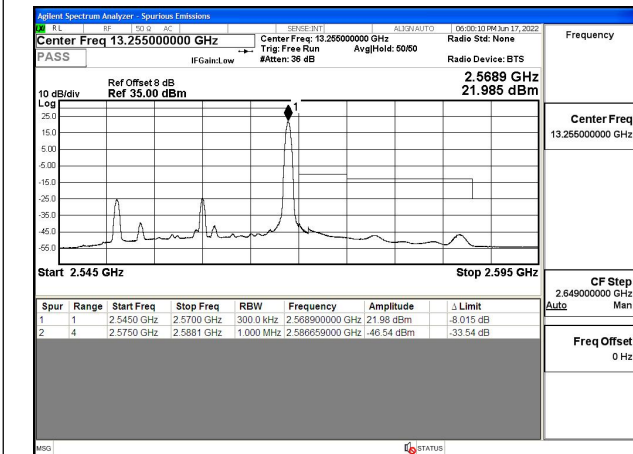


Fig. 15

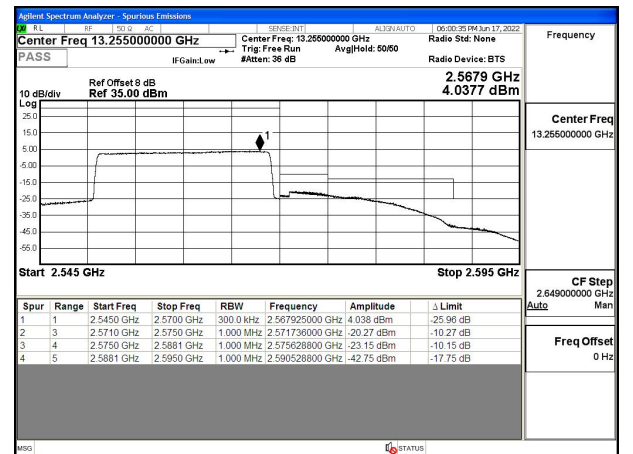


Fig. 16

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band 7 Low Channel QPSK			
		5M	10M	15M	20M
-10	NV	-0.004	-0.002	0.001	-0.003
0	NV	-0.005	0.001	-0.003	-0.001
+10	NV	-0.006	-0.003	-0.004	-0.003
+20	NV	-0.007	-0.003	-0.004	0.006
+30	NV	-0.005	-0.001	-0.001	0.000
+40	NV	-0.004	-0.004	0.002	-0.005
+50	NV	-0.005	-0.002	-0.005	-0.002
+55	NV	-0.006	-0.003	-0.004	-0.004
+20	LV	-0.006	-0.003	-0.002	-0.003
+20	HV	-0.006	-0.004	-0.004	-0.003

Temperature(°C)	Voltage	Test Result (ppm) Band 7 High Channel QPSK			
		5M	10M	15M	20M
-10	NV	-0.004	-0.003	-0.003	-0.002
0	NV	-0.003	-0.004	-0.002	-0.006
+10	NV	-0.005	-0.001	-0.003	-0.005
+20	NV	-0.004	-0.002	-0.003	-0.002
+30	NV	-0.005	-0.002	-0.003	-0.004
+40	NV	-0.005	-0.002	-0.003	-0.006
+50	NV	-0.003	-0.004	-0.002	-0.002
+55	NV	-0.004	-0.003	-0.005	-0.005
+20	LV	-0.006	-0.003	-0.004	-0.004
+20	HV	-0.004	-0.004	-0.002	-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	2502.5	20775	5	1	0	23.16	26.22	0.419
QPSK	2502.5	20775	5	1	12	23.52	26.58	0.455
QPSK	2502.5	20775	5	1	24	23.16	26.22	0.419
QPSK	2502.5	20775	5	12	0	22.50	25.56	0.360
QPSK	2502.5	20775	5	12	7	22.52	25.58	0.361
QPSK	2502.5	20775	5	12	13	22.48	25.54	0.358
QPSK	2502.5	20775	5	25	0	22.45	25.51	0.356
QPSK	2535	21100	5	1	0	23.20	26.26	0.423
QPSK	2535	21100	5	1	12	23.35	26.41	0.438
QPSK	2535	21100	5	1	24	23.12	26.18	0.415
QPSK	2535	21100	5	12	0	22.47	25.53	0.357
QPSK	2535	21100	5	12	7	22.38	25.44	0.350
QPSK	2535	21100	5	12	13	22.31	25.37	0.344
QPSK	2535	21100	5	25	0	22.36	25.42	0.348
QPSK	2567.5	21425	5	1	0	23.41	26.47	0.444
QPSK	2567.5	21425	5	1	12	23.60	26.66	0.463
QPSK	2567.5	21425	5	1	24	23.37	26.43	0.440
QPSK	2567.5	21425	5	12	0	22.51	25.57	0.361
QPSK	2567.5	21425	5	12	7	22.57	25.63	0.366
QPSK	2567.5	21425	5	12	13	22.51	25.57	0.361
QPSK	2567.5	21425	5	25	0	22.62	25.68	0.370

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	2502.5	20775	5	1	0	22.28	25.34	0.342
16QAM	2502.5	20775	5	1	12	23.14	26.20	0.417
16QAM	2502.5	20775	5	1	24	22.57	25.63	0.366
16QAM	2502.5	20775	5	12	0	21.41	24.47	0.280
16QAM	2502.5	20775	5	12	7	21.42	24.48	0.281
16QAM	2502.5	20775	5	12	13	21.33	24.39	0.275
16QAM	2502.5	20775	5	25	0	21.42	24.48	0.281
16QAM	2535	21100	5	1	0	22.65	25.71	0.372
16QAM	2535	21100	5	1	12	22.62	25.68	0.370
16QAM	2535	21100	5	1	24	22.50	25.56	0.360
16QAM	2535	21100	5	12	0	21.33	24.39	0.275
16QAM	2535	21100	5	12	7	21.48	24.54	0.284
16QAM	2535	21100	5	12	13	21.37	24.43	0.277
16QAM	2535	21100	5	25	0	21.44	24.50	0.282
16QAM	2567.5	21425	5	1	0	22.37	25.43	0.349
16QAM	2567.5	21425	5	1	12	22.85	25.91	0.390
16QAM	2567.5	21425	5	1	24	22.49	25.55	0.359
16QAM	2567.5	21425	5	12	0	21.59	24.65	0.292
16QAM	2567.5	21425	5	12	7	21.48	24.54	0.284
16QAM	2567.5	21425	5	12	13	21.58	24.64	0.291
16QAM	2567.5	21425	5	25	0	21.53	24.59	0.288
64QAM	2502.5	20775	5	1	0	21.26	24.32	0.270
64QAM	2502.5	20775	5	1	12	21.71	24.77	0.300
64QAM	2502.5	20775	5	1	24	21.28	24.34	0.272
64QAM	2502.5	20775	5	12	0	20.50	23.56	0.227
64QAM	2502.5	20775	5	12	7	20.44	23.50	0.224
64QAM	2502.5	20775	5	12	13	20.34	23.40	0.219
64QAM	2502.5	20775	5	25	0	20.45	23.51	0.224
64QAM	2535	21100	5	1	0	21.20	24.26	0.267
64QAM	2535	21100	5	1	12	21.50	24.56	0.286
64QAM	2535	21100	5	1	24	21.45	24.51	0.282
64QAM	2535	21100	5	12	0	20.46	23.52	0.225
64QAM	2535	21100	5	12	7	20.44	23.50	0.224
64QAM	2535	21100	5	12	13	20.44	23.50	0.224
64QAM	2535	21100	5	25	0	20.43	23.49	0.223
64QAM	2567.5	21425	5	1	0	21.42	24.48	0.281
64QAM	2567.5	21425	5	1	12	22.12	25.18	0.330
64QAM	2567.5	21425	5	1	24	21.45	24.51	0.282
64QAM	2567.5	21425	5	12	0	20.49	23.55	0.226
64QAM	2567.5	21425	5	12	7	20.71	23.77	0.238
64QAM	2567.5	21425	5	12	13	20.41	23.47	0.222
64QAM	2567.5	21425	5	25	0	20.53	23.59	0.229

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	2505	20800	10	1	0	23.39	26.45	0.442
QPSK	2505	20800	10	1	25	23.41	26.47	0.444
QPSK	2505	20800	10	1	49	23.22	26.28	0.425
QPSK	2505	20800	10	25	0	22.58	25.64	0.366
QPSK	2505	20800	10	25	12	22.66	25.72	0.373
QPSK	2505	20800	10	25	25	22.59	25.65	0.367
QPSK	2505	20800	10	50	0	22.65	25.71	0.372
QPSK	2535	21100	10	1	0	23.41	26.47	0.444
QPSK	2535	21100	10	1	25	23.44	26.50	0.447
QPSK	2535	21100	10	1	49	23.28	26.34	0.431
QPSK	2535	21100	10	25	0	22.55	25.61	0.364
QPSK	2535	21100	10	25	12	22.42	25.48	0.353
QPSK	2535	21100	10	25	25	22.35	25.41	0.348
QPSK	2535	21100	10	50	0	22.52	25.58	0.361
QPSK	2565	21400	10	1	0	23.34	26.40	0.437
QPSK	2565	21400	10	1	25	23.59	26.65	0.462
QPSK	2565	21400	10	1	49	23.42	26.48	0.445
QPSK	2565	21400	10	25	0	22.50	25.56	0.360
QPSK	2565	21400	10	25	12	22.54	25.60	0.363
QPSK	2565	21400	10	25	25	22.63	25.69	0.371
QPSK	2565	21400	10	50	0	22.67	25.73	0.374

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	2505	20800	10	1	0	22.75	25.81	0.381
16QAM	2505	20800	10	1	25	22.44	25.50	0.355
16QAM	2505	20800	10	1	49	22.52	25.58	0.361
16QAM	2505	20800	10	25	0	21.42	24.48	0.281
16QAM	2505	20800	10	25	12	21.44	24.50	0.282
16QAM	2505	20800	10	25	25	21.49	24.55	0.285
16QAM	2505	20800	10	50	0	21.56	24.62	0.290
16QAM	2535	21100	10	1	0	22.68	25.74	0.375
16QAM	2535	21100	10	1	25	22.51	25.57	0.361
16QAM	2535	21100	10	1	49	22.28	25.34	0.342
16QAM	2535	21100	10	25	0	21.41	24.47	0.280
16QAM	2535	21100	10	25	12	21.45	24.51	0.282
16QAM	2535	21100	10	25	25	21.36	24.42	0.277
16QAM	2535	21100	10	50	0	21.49	24.55	0.285
16QAM	2565	21400	10	1	0	22.90	25.96	0.394
16QAM	2565	21400	10	1	25	22.47	25.53	0.357
16QAM	2565	21400	10	1	49	22.53	25.59	0.362
16QAM	2565	21400	10	25	0	21.38	24.44	0.278
16QAM	2565	21400	10	25	12	21.56	24.62	0.290
16QAM	2565	21400	10	25	25	21.54	24.60	0.288
16QAM	2565	21400	10	50	0	21.62	24.68	0.294
64QAM	2505	20800	10	1	0	21.40	24.46	0.279
64QAM	2505	20800	10	1	25	21.56	24.62	0.290
64QAM	2505	20800	10	1	49	21.66	24.72	0.296
64QAM	2505	20800	10	25	0	20.46	23.52	0.225
64QAM	2505	20800	10	25	12	20.52	23.58	0.228
64QAM	2505	20800	10	25	25	20.48	23.54	0.226
64QAM	2505	20800	10	50	0	20.52	23.58	0.228
64QAM	2535	21100	10	1	0	21.47	24.53	0.284
64QAM	2535	21100	10	1	25	21.83	24.89	0.308
64QAM	2535	21100	10	1	49	21.53	24.59	0.288
64QAM	2535	21100	10	25	0	20.38	23.44	0.221
64QAM	2535	21100	10	25	12	20.53	23.59	0.229
64QAM	2535	21100	10	25	25	20.42	23.48	0.223
64QAM	2535	21100	10	50	0	20.41	23.47	0.222
64QAM	2565	21400	10	1	0	21.40	24.46	0.279
64QAM	2565	21400	10	1	25	21.73	24.79	0.301
64QAM	2565	21400	10	1	49	21.47	24.53	0.284
64QAM	2565	21400	10	25	0	20.44	23.50	0.224
64QAM	2565	21400	10	25	12	20.51	23.57	0.228
64QAM	2565	21400	10	25	25	20.52	23.58	0.228
64QAM	2565	21400	10	50	0	20.61	23.67	0.233

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	2507.5	20825	15	1	0	23.36	26.42	0.439
QPSK	2507.5	20825	15	1	37	23.70	26.76	0.474
QPSK	2507.5	20825	15	1	74	23.28	26.34	0.431
QPSK	2507.5	20825	15	36	0	22.55	25.61	0.364
QPSK	2507.5	20825	15	36	29	22.66	25.72	0.373
QPSK	2507.5	20825	15	36	30	22.53	25.59	0.362
QPSK	2507.5	20825	15	75	0	22.61	25.67	0.369
QPSK	2535	21100	15	1	0	23.44	26.50	0.447
QPSK	2535	21100	15	1	37	23.34	26.40	0.437
QPSK	2535	21100	15	1	74	23.11	26.17	0.414
QPSK	2535	21100	15	36	0	22.58	25.64	0.366
QPSK	2535	21100	15	36	29	22.43	25.49	0.354
QPSK	2535	21100	15	36	30	22.50	25.56	0.360
QPSK	2535	21100	15	75	0	22.55	25.61	0.364
QPSK	2562.5	21375	15	1	0	23.32	26.38	0.435
QPSK	2562.5	21375	15	1	37	23.53	26.59	0.456
QPSK	2562.5	21375	15	1	74	23.44	26.50	0.447
QPSK	2562.5	21375	15	36	0	22.60	25.66	0.368
QPSK	2562.5	21375	15	36	29	22.56	25.62	0.365
QPSK	2562.5	21375	15	36	30	22.63	25.69	0.371
QPSK	2562.5	21375	15	75	0	22.55	25.61	0.364

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	2507.5	20825	15	1	0	22.80	25.86	0.385
16QAM	2507.5	20825	15	1	37	22.42	25.48	0.353
16QAM	2507.5	20825	15	1	74	22.58	25.64	0.366
16QAM	2507.5	20825	15	36	0	21.58	24.64	0.291
16QAM	2507.5	20825	15	36	29	21.53	24.59	0.288
16QAM	2507.5	20825	15	36	30	21.56	24.62	0.290
16QAM	2507.5	20825	15	75	0	21.54	24.60	0.288
16QAM	2535	21100	15	1	0	22.86	25.92	0.391
16QAM	2535	21100	15	1	37	22.28	25.34	0.342
16QAM	2535	21100	15	1	74	22.23	25.29	0.338
16QAM	2535	21100	15	36	0	21.50	24.56	0.286
16QAM	2535	21100	15	36	29	21.31	24.37	0.274
16QAM	2535	21100	15	36	30	21.35	24.41	0.276
16QAM	2535	21100	15	75	0	21.38	24.44	0.278
16QAM	2562.5	21375	15	1	0	22.56	25.62	0.365
16QAM	2562.5	21375	15	1	37	22.80	25.86	0.385
16QAM	2562.5	21375	15	1	74	22.45	25.51	0.356
16QAM	2562.5	21375	15	36	0	21.50	24.56	0.286
16QAM	2562.5	21375	15	36	29	21.46	24.52	0.283
16QAM	2562.5	21375	15	36	30	21.51	24.57	0.286
16QAM	2562.5	21375	15	75	0	21.48	24.54	0.284
64QAM	2507.5	20825	15	1	0	21.20	24.26	0.267
64QAM	2507.5	20825	15	1	37	21.55	24.61	0.289
64QAM	2507.5	20825	15	1	74	21.38	24.44	0.278
64QAM	2507.5	20825	15	36	0	20.51	23.57	0.228
64QAM	2507.5	20825	15	36	29	20.52	23.58	0.228
64QAM	2507.5	20825	15	36	30	20.52	23.58	0.228
64QAM	2507.5	20825	15	75	0	20.52	23.58	0.228
64QAM	2535	21100	15	1	0	21.37	24.43	0.277
64QAM	2535	21100	15	1	37	21.32	24.38	0.274
64QAM	2535	21100	15	1	74	21.45	24.51	0.282
64QAM	2535	21100	15	36	0	20.49	23.55	0.226
64QAM	2535	21100	15	36	29	20.38	23.44	0.221
64QAM	2535	21100	15	36	30	20.42	23.48	0.223
64QAM	2535	21100	15	75	0	20.44	23.50	0.224
64QAM	2562.5	21375	15	1	0	21.66	24.72	0.296
64QAM	2562.5	21375	15	1	37	21.50	24.56	0.286
64QAM	2562.5	21375	15	1	74	21.55	24.61	0.289
64QAM	2562.5	21375	15	36	0	20.44	23.50	0.224
64QAM	2562.5	21375	15	36	29	20.54	23.60	0.229
64QAM	2562.5	21375	15	36	30	20.53	23.59	0.229
64QAM	2562.5	21375	15	75	0	20.51	23.57	0.228

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	2510	20850	20	1	0	23.22	26.28	0.425
QPSK	2510	20850	20	1	49	23.69	26.75	0.473
QPSK	2510	20850	20	1	99	23.13	26.19	0.416
QPSK	2510	20850	20	50	0	22.54	25.60	0.363
QPSK	2510	20850	20	50	24	22.71	25.77	0.378
QPSK	2510	20850	20	50	50	22.78	25.84	0.384
QPSK	2510	20850	20	100	0	22.70	25.76	0.377
QPSK	2535	21100	20	1	0	23.29	26.35	0.432
QPSK	2535	21100	20	1	49	23.30	26.36	0.433
QPSK	2535	21100	20	1	99	23.00	26.06	0.404
QPSK	2535	21100	20	50	0	22.57	25.63	0.366
QPSK	2535	21100	20	50	24	22.59	25.65	0.367
QPSK	2535	21100	20	50	50	22.25	25.31	0.340
QPSK	2535	21100	20	100	0	22.46	25.52	0.356
QPSK	2560	21350	20	1	0	23.22	26.28	0.425
QPSK	2560	21350	20	1	49	23.43	26.49	0.446
QPSK	2560	21350	20	1	99	23.17	26.23	0.420
QPSK	2560	21350	20	50	0	22.53	25.59	0.362
QPSK	2560	21350	20	50	24	22.42	25.48	0.353
QPSK	2560	21350	20	50	50	22.67	25.73	0.374
QPSK	2560	21350	20	100	0	22.63	25.69	0.371

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	2510	20850	20	1	0	22.35	25.41	0.348
16QAM	2510	20850	20	1	49	22.56	25.62	0.365
16QAM	2510	20850	20	1	99	22.60	25.66	0.368
16QAM	2510	20850	20	50	0	21.43	24.49	0.281
16QAM	2510	20850	20	50	24	21.65	24.71	0.296
16QAM	2510	20850	20	50	50	21.61	24.67	0.293
16QAM	2510	20850	20	100	0	21.52	24.58	0.287
16QAM	2535	21100	20	1	0	22.70	25.76	0.377
16QAM	2535	21100	20	1	49	22.54	25.60	0.363
16QAM	2535	21100	20	1	99	22.16	25.22	0.333
16QAM	2535	21100	20	50	0	21.47	24.53	0.284
16QAM	2535	21100	20	50	24	21.43	24.49	0.281
16QAM	2535	21100	20	50	50	21.22	24.28	0.268
16QAM	2535	21100	20	100	0	21.42	24.48	0.281
16QAM	2560	21350	20	1	0	22.19	25.25	0.335
16QAM	2560	21350	20	1	49	22.64	25.70	0.372
16QAM	2560	21350	20	1	99	22.81	25.87	0.386
16QAM	2560	21350	20	50	0	21.40	24.46	0.279
16QAM	2560	21350	20	50	24	21.50	24.56	0.286
16QAM	2560	21350	20	50	50	21.52	24.58	0.287
16QAM	2560	21350	20	100	0	21.44	24.50	0.282
64QAM	2510	20850	20	1	0	21.44	24.50	0.282
64QAM	2510	20850	20	1	49	21.49	24.55	0.285
64QAM	2510	20850	20	1	99	21.63	24.69	0.294
64QAM	2510	20850	20	50	0	20.51	23.57	0.228
64QAM	2510	20850	20	50	24	20.47	23.53	0.225
64QAM	2510	20850	20	50	50	20.53	23.59	0.229
64QAM	2510	20850	20	100	0	20.50	23.56	0.227
64QAM	2535	21100	20	1	0	21.32	24.38	0.274
64QAM	2535	21100	20	1	49	21.71	24.77	0.300
64QAM	2535	21100	20	1	99	21.16	24.22	0.264
64QAM	2535	21100	20	50	0	20.57	23.63	0.231
64QAM	2535	21100	20	50	24	20.43	23.49	0.223
64QAM	2535	21100	20	50	50	20.26	23.32	0.215
64QAM	2535	21100	20	100	0	20.39	23.45	0.221
64QAM	2560	21350	20	1	0	20.91	23.97	0.249
64QAM	2560	21350	20	1	49	21.40	24.46	0.279
64QAM	2560	21350	20	1	99	21.39	24.45	0.279
64QAM	2560	21350	20	50	0	20.41	23.47	0.222
64QAM	2560	21350	20	50	24	20.61	23.67	0.233
64QAM	2560	21350	20	50	50	20.66	23.72	0.236
64QAM	2560	21350	20	100	0	20.51	23.57	0.228