

Fig.61

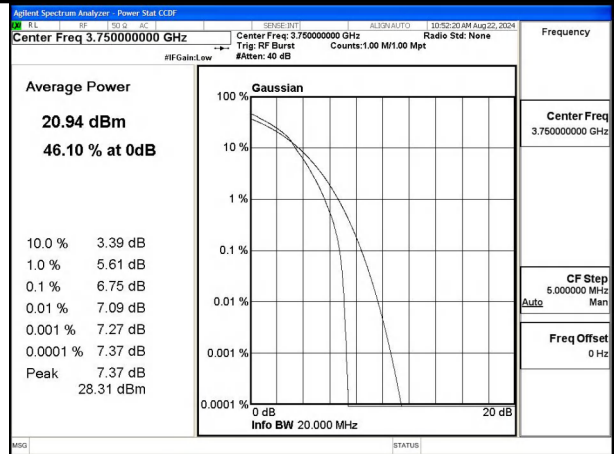


Fig.62

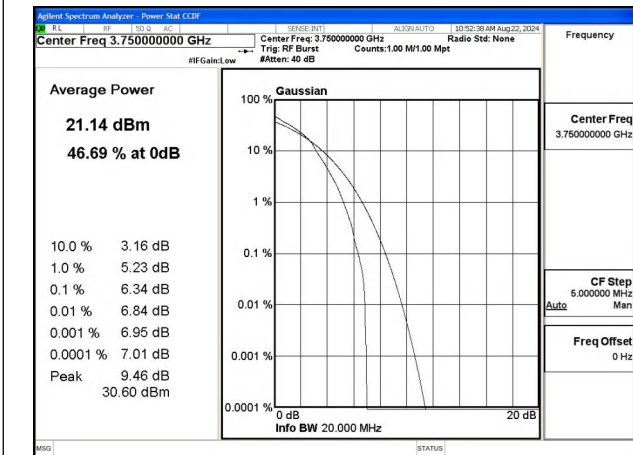


Fig.63

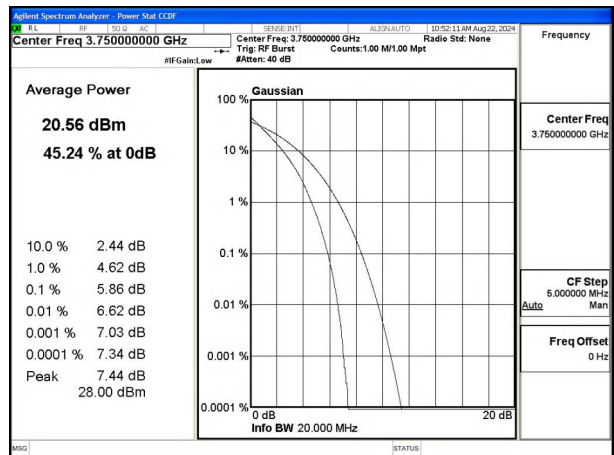


Fig.64

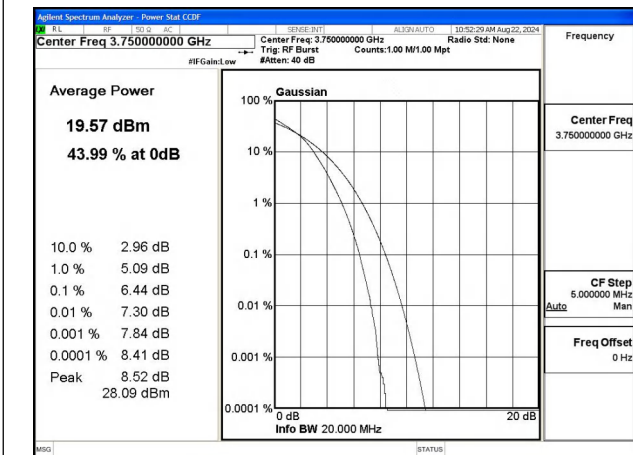


Fig.65

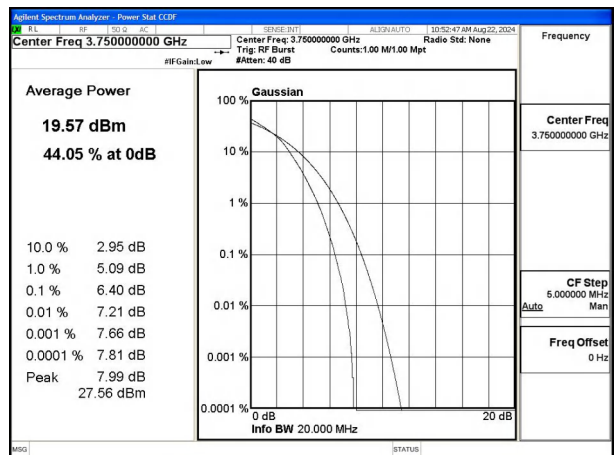


Fig.66

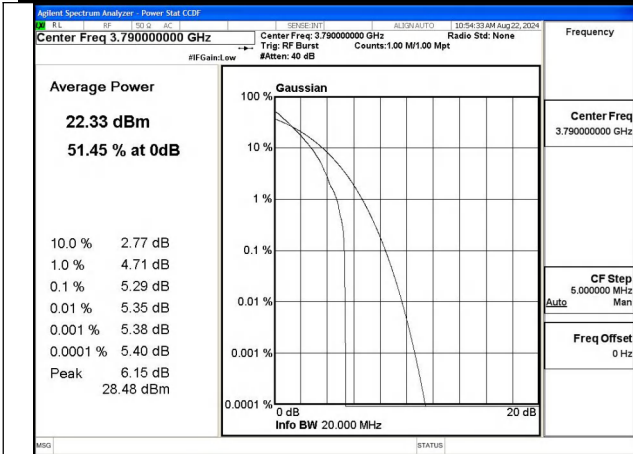


Fig.67

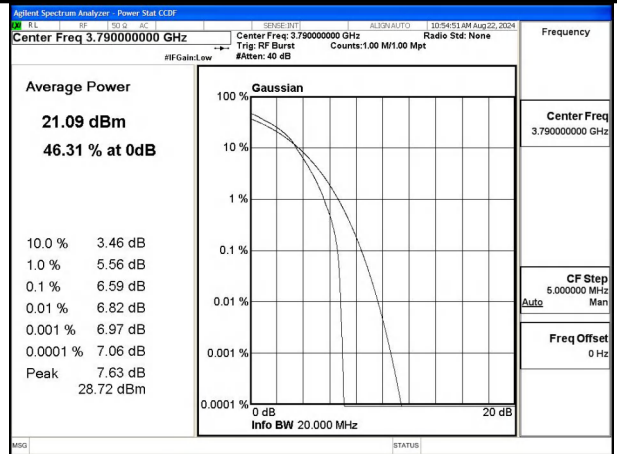


Fig.68

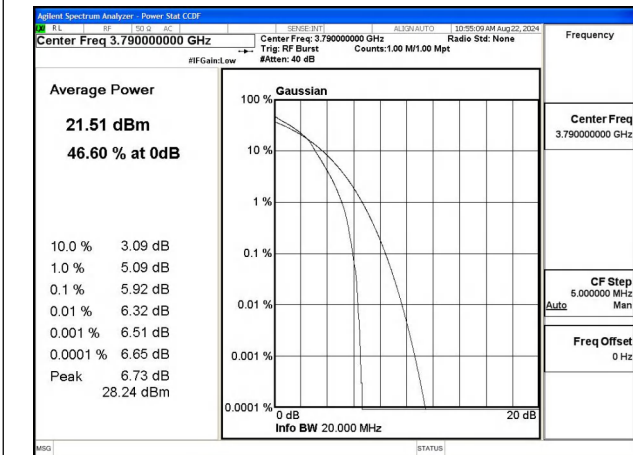


Fig.69

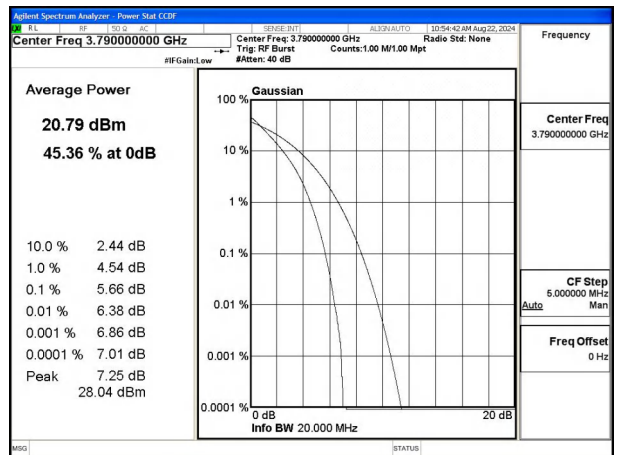


Fig.70

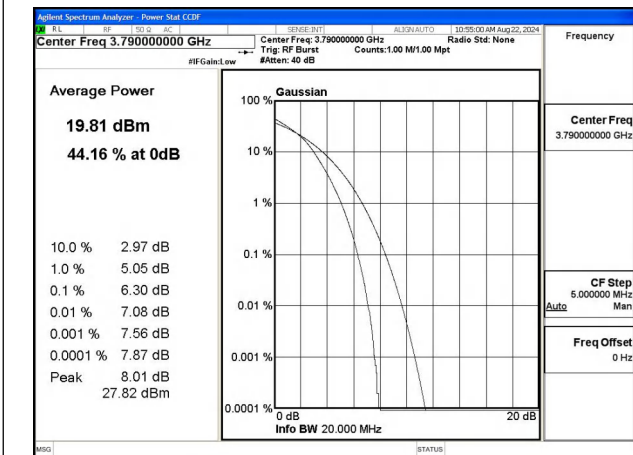


Fig.71

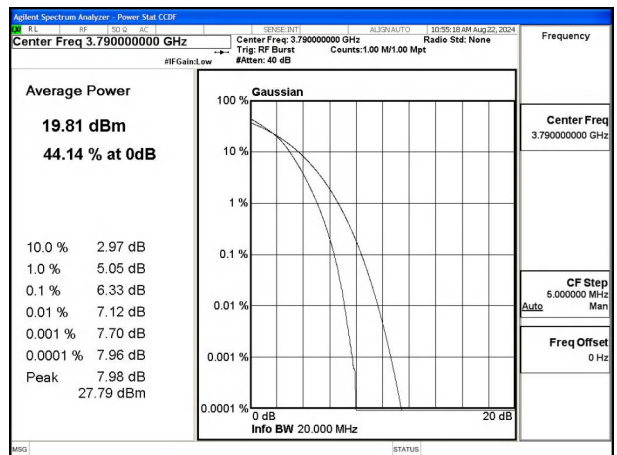


Fig.72

5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
43	3710	44690	20	1	0	Fig.1
43	3750	45090	20	1	0	Fig.2
43	3790	45490	20	1	0	Fig.3



Fig.1



Fig.2

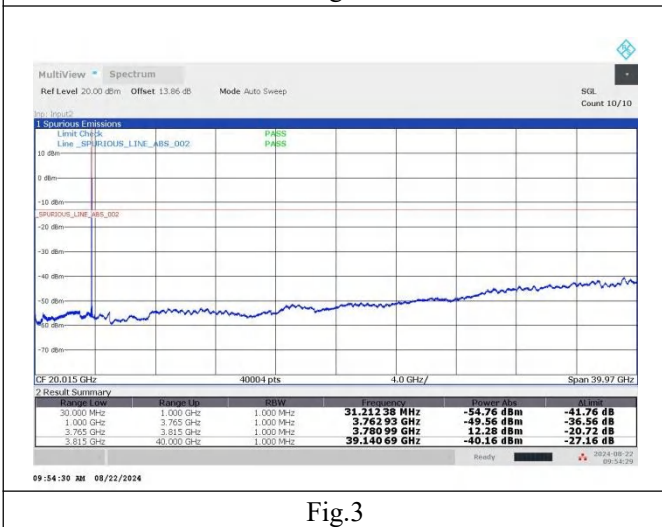


Fig.3

6 Band Edges Compliance

Band	Mode	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
43	QPSK	3702.5	44615	5	1	0	Fig.1
43	QPSK	3702.5	44615	5	25	0	Fig.2
43	QPSK	3797.5	45565	5	1	24	Fig.3
43	QPSK	3797.5	45565	5	25	0	Fig.4
43	QPSK	3705	44640	10	1	0	Fig.5
43	QPSK	3705	44640	10	50	0	Fig.6
43	QPSK	3795	45540	10	1	49	Fig.7
43	QPSK	3795	45540	10	50	0	Fig.8
43	QPSK	3707.5	44665	15	1	0	Fig.9
43	QPSK	3707.5	44665	15	75	0	Fig.10
43	QPSK	3792.5	45515	15	1	74	Fig.11
43	QPSK	3792.5	45515	15	75	0	Fig.12
43	QPSK	3710	44690	20	1	0	Fig.13
43	QPSK	3710	44690	20	100	0	Fig.14
43	QPSK	3790	45490	20	1	99	Fig.15
43	QPSK	3790	45490	20	100	0	Fig.16

Test Mode: QPSK

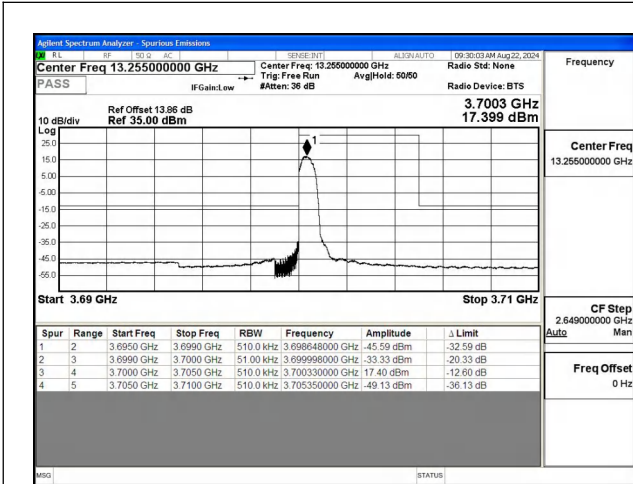


Fig.1

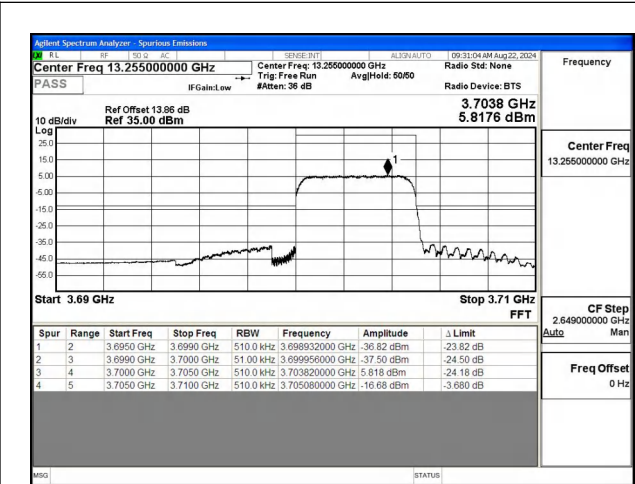


Fig.2

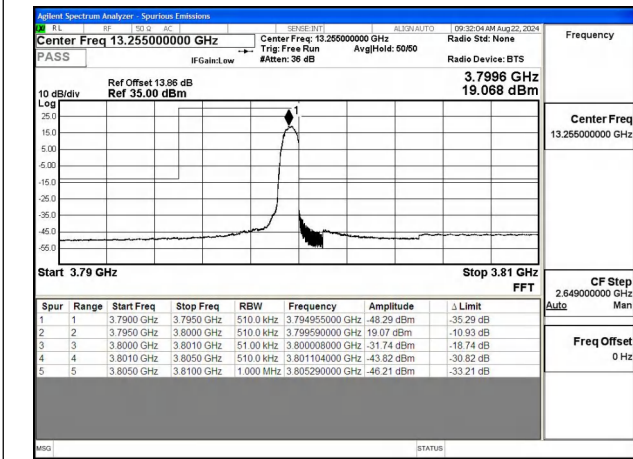


Fig.3

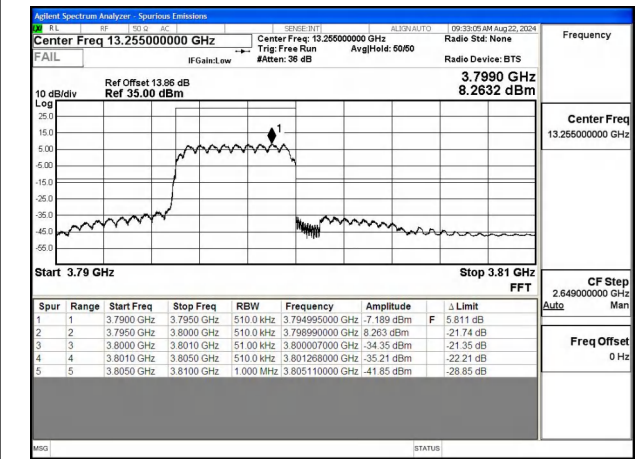


Fig.4

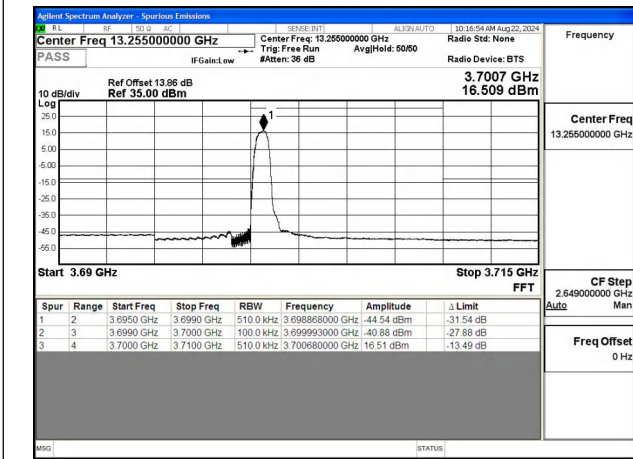


Fig.5

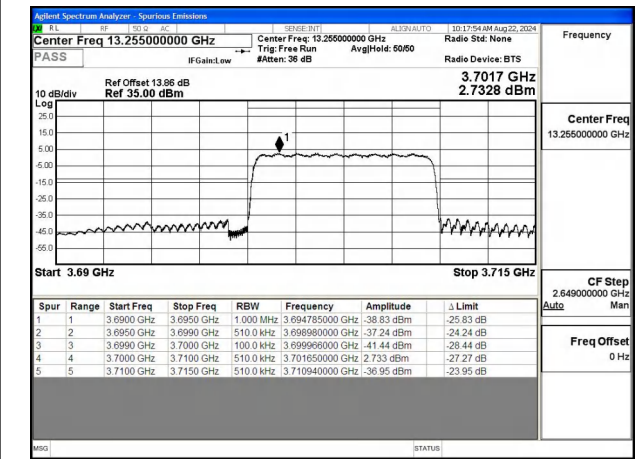


Fig.6

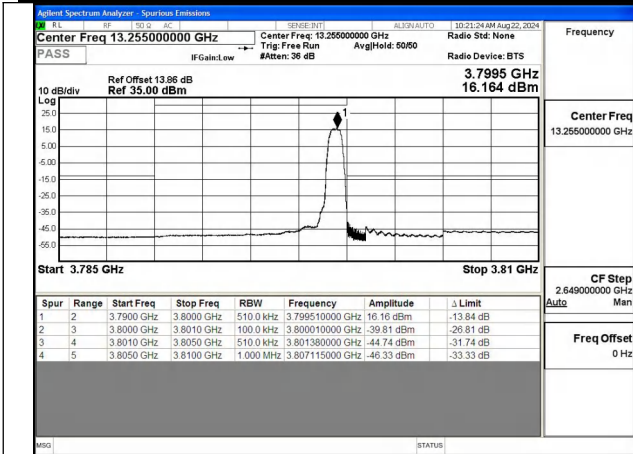


Fig.7

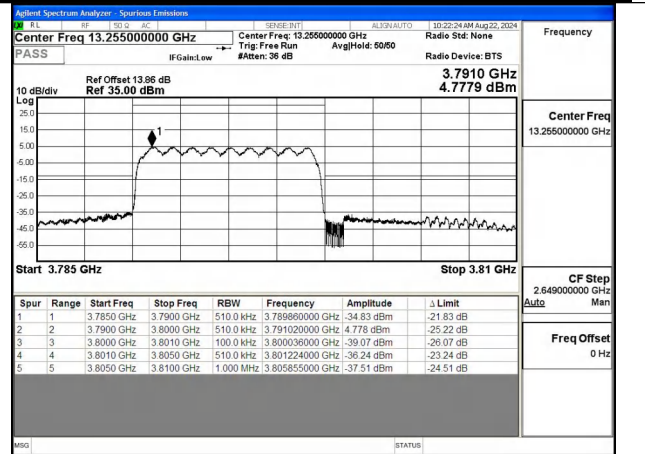


Fig.8

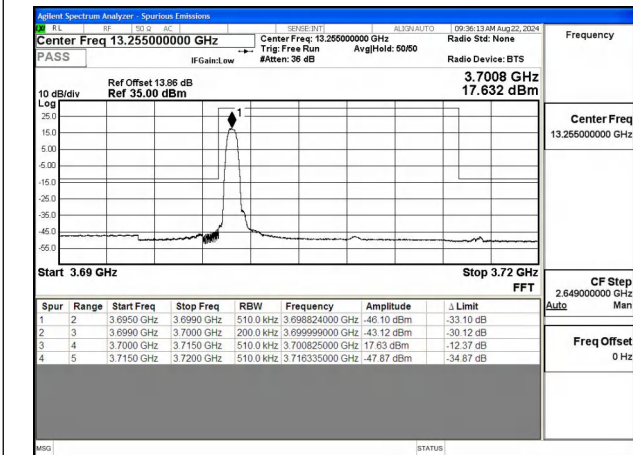


Fig.9

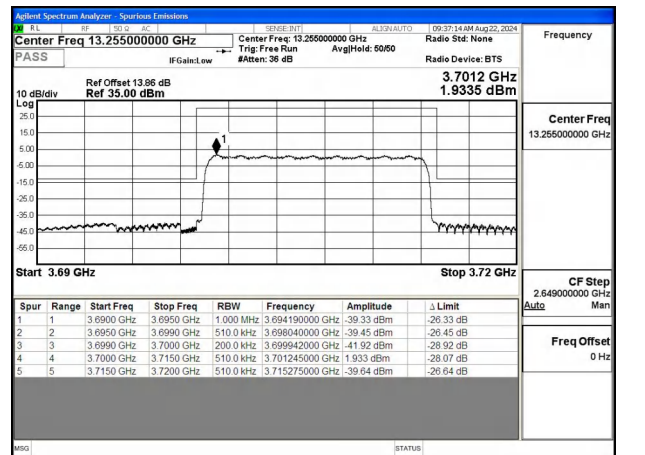


Fig.10

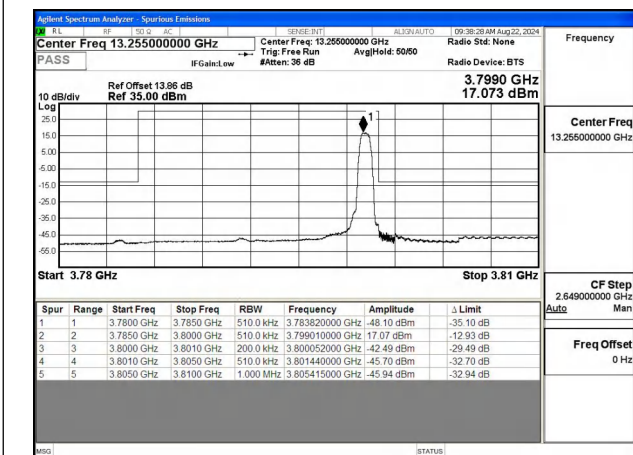


Fig.11

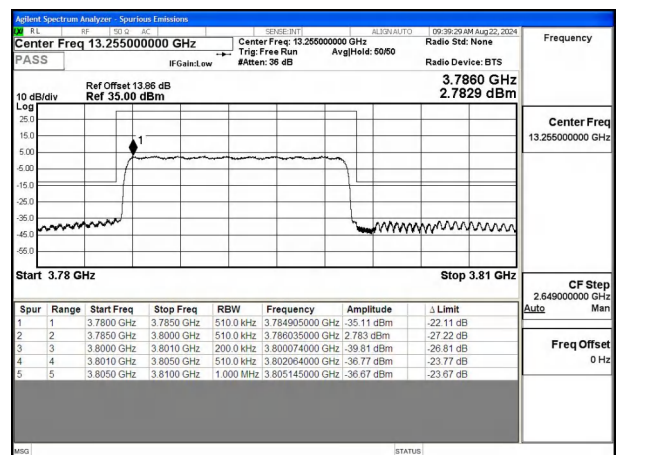


Fig.12

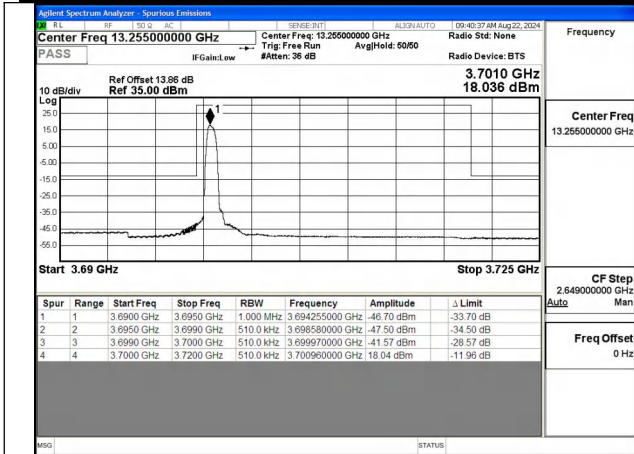


Fig.13

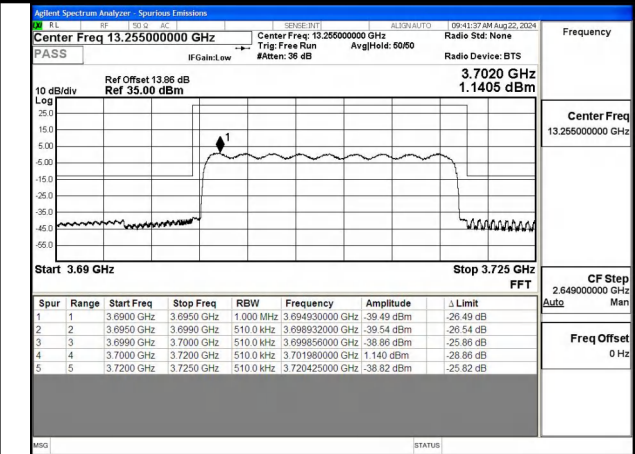


Fig.14

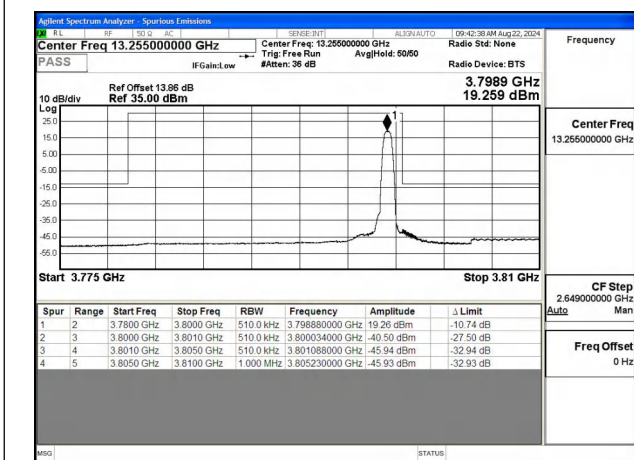


Fig.15

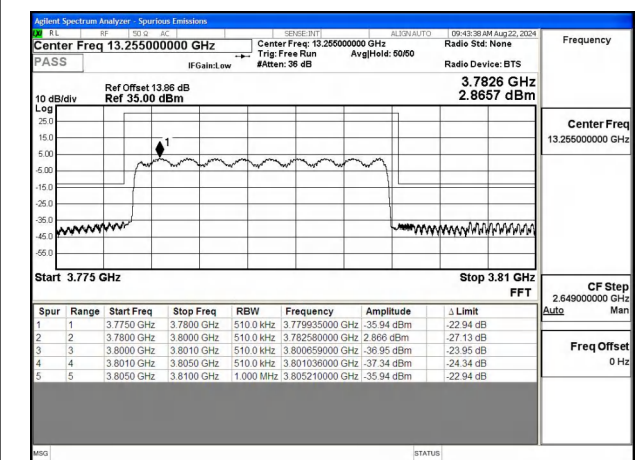


Fig.16

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band 43 Low Channel QPSK			
		5M	10M	15M	20M
-30	NV	0.002	0.002	0.001	0.001
-20	NV	0.001	0.000	0.002	0.001
-10	NV	0.002	0.002	0.001	0.001
0	NV	0.002	0.001	0.001	0.001
+10	NV	0.002	0.002	0.002	0.002
+20	NV	0.001	0.001	0.001	0.002
+30	NV	0.001	0.001	0.002	0.001
+40	NV	0.002	0.001	0.001	0.001
+50	NV	0.002	0.001	0.001	0.001
+20	LV	0.002	0.001	0.002	0.002
+20	HV	0.002	0.002	0.001	0.002

Temperature(°C)	Voltage	Test Result (ppm) Band 43 High Channel QPSK			
		5M	10M	15M	20M
-30	NV	0.002	0.000	0.001	0.002
-20	NV	0.001	0.002	0.002	0.001
-10	NV	0.002	0.001	0.001	0.001
0	NV	0.002	0.003	0.002	0.002
+10	NV	0.002	0.001	0.001	0.001
+20	NV	0.001	0.001	-0.001	0.001
+30	NV	0.002	0.001	0.001	0.002
+40	NV	0.002	0.001	0.001	0.002
+50	NV	0.001	0.001	0.001	0.001
+20	LV	0.002	0.002	0.001	0.001
+20	HV	0.002	0.002	0.002	0.002

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	3702.5	44615	5	1	0	25.17	27.73	0.593
QPSK	3702.5	44615	5	1	12	24.86	27.42	0.552
QPSK	3702.5	44615	5	1	24	24.84	27.40	0.550
QPSK	3702.5	44615	5	12	0	23.86	26.42	0.439
QPSK	3702.5	44615	5	12	7	23.91	26.47	0.444
QPSK	3702.5	44615	5	12	13	23.89	26.45	0.442
QPSK	3702.5	44615	5	25	0	23.86	26.42	0.439
QPSK	3750	45090	5	1	0	25.10	27.66	0.583
QPSK	3750	45090	5	1	12	25.12	27.68	0.586
QPSK	3750	45090	5	1	24	25.11	27.67	0.585
QPSK	3750	45090	5	12	0	24.11	26.67	0.465
QPSK	3750	45090	5	12	7	24.14	26.70	0.468
QPSK	3750	45090	5	12	13	24.12	26.68	0.466
QPSK	3750	45090	5	25	0	24.11	26.67	0.465
QPSK	3797.5	45565	5	1	0	25.06	27.62	0.578
QPSK	3797.5	45565	5	1	12	25.08	27.64	0.581
QPSK	3797.5	45565	5	1	24	25.08	27.64	0.581
QPSK	3797.5	45565	5	12	0	24.16	26.72	0.470
QPSK	3797.5	45565	5	12	7	24.18	26.74	0.472
QPSK	3797.5	45565	5	12	13	24.16	26.72	0.470
QPSK	3797.5	45565	5	25	0	24.15	26.71	0.469

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	3702.5	44615	5	1	0	24.27	26.83	0.482
16QAM	3702.5	44615	5	1	12	24.21	26.77	0.475
16QAM	3702.5	44615	5	1	24	24.01	26.57	0.454
16QAM	3702.5	44615	5	12	0	22.89	25.45	0.351
16QAM	3702.5	44615	5	12	7	22.88	25.44	0.350
16QAM	3702.5	44615	5	12	13	22.92	25.48	0.353
16QAM	3702.5	44615	5	25	0	22.90	25.46	0.352
16QAM	3750	45090	5	1	0	24.37	26.93	0.493
16QAM	3750	45090	5	1	12	24.36	26.92	0.492
16QAM	3750	45090	5	1	24	24.63	27.19	0.524
16QAM	3750	45090	5	12	0	23.09	25.65	0.367
16QAM	3750	45090	5	12	7	23.23	25.79	0.379
16QAM	3750	45090	5	12	13	23.10	25.66	0.368
16QAM	3750	45090	5	25	0	23.20	25.76	0.377
16QAM	3797.5	45565	5	1	0	24.38	26.94	0.494
16QAM	3797.5	45565	5	1	12	24.37	26.93	0.493
16QAM	3797.5	45565	5	1	24	24.25	26.81	0.480
16QAM	3797.5	45565	5	12	0	23.15	25.71	0.372
16QAM	3797.5	45565	5	12	7	23.27	25.83	0.383
16QAM	3797.5	45565	5	12	13	23.24	25.80	0.380
16QAM	3797.5	45565	5	25	0	23.22	25.78	0.378
64QAM	3702.5	44615	5	1	0	23.99	26.55	0.452
64QAM	3702.5	44615	5	1	12	23.99	26.55	0.452
64QAM	3702.5	44615	5	1	24	23.85	26.41	0.438
64QAM	3702.5	44615	5	12	0	22.96	25.52	0.356
64QAM	3702.5	44615	5	12	7	22.99	25.55	0.359
64QAM	3702.5	44615	5	12	13	22.89	25.45	0.351
64QAM	3702.5	44615	5	25	0	22.86	25.42	0.348
64QAM	3750	45090	5	1	0	24.69	27.25	0.531
64QAM	3750	45090	5	1	12	24.73	27.29	0.536
64QAM	3750	45090	5	1	24	24.28	26.84	0.483
64QAM	3750	45090	5	12	0	23.16	25.72	0.373
64QAM	3750	45090	5	12	7	23.24	25.80	0.380
64QAM	3750	45090	5	12	13	23.19	25.75	0.376
64QAM	3750	45090	5	25	0	23.18	25.74	0.375
64QAM	3797.5	45565	5	1	0	24.33	26.89	0.489
64QAM	3797.5	45565	5	1	12	24.36	26.92	0.492
64QAM	3797.5	45565	5	1	24	24.11	26.67	0.465
64QAM	3797.5	45565	5	12	0	23.17	25.73	0.374
64QAM	3797.5	45565	5	12	7	23.27	25.83	0.383
64QAM	3797.5	45565	5	12	13	23.19	25.75	0.376
64QAM	3797.5	45565	5	25	0	23.21	25.77	0.378

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	3705	44640	10	1	0	24.72	27.28	0.535
QPSK	3705	44640	10	1	25	24.78	27.34	0.542
QPSK	3705	44640	10	1	49	24.76	27.32	0.540
QPSK	3705	44640	10	25	0	23.82	26.38	0.435
QPSK	3705	44640	10	25	12	23.85	26.41	0.438
QPSK	3705	44640	10	25	25	23.89	26.45	0.442
QPSK	3705	44640	10	50	0	23.86	26.42	0.439
QPSK	3750	45090	10	1	0	24.97	27.53	0.566
QPSK	3750	45090	10	1	25	25.02	27.58	0.573
QPSK	3750	45090	10	1	49	24.95	27.51	0.564
QPSK	3750	45090	10	25	0	24.09	26.65	0.462
QPSK	3750	45090	10	25	12	24.09	26.65	0.462
QPSK	3750	45090	10	25	25	24.13	26.69	0.467
QPSK	3750	45090	10	50	0	24.12	26.68	0.466
QPSK	3795	45540	10	1	0	24.98	27.54	0.568
QPSK	3795	45540	10	1	25	25.04	27.60	0.575
QPSK	3795	45540	10	1	49	25.02	27.58	0.573
QPSK	3795	45540	10	25	0	24.14	26.70	0.468
QPSK	3795	45540	10	25	12	24.15	26.71	0.469
QPSK	3795	45540	10	25	25	24.17	26.73	0.471
QPSK	3795	45540	10	50	0	24.17	26.73	0.471

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	3705	44640	10	1	0	23.61	26.17	0.414
16QAM	3705	44640	10	1	25	23.69	26.25	0.422
16QAM	3705	44640	10	1	49	24.14	26.70	0.468
16QAM	3705	44640	10	25	0	22.85	25.41	0.348
16QAM	3705	44640	10	25	12	22.86	25.42	0.348
16QAM	3705	44640	10	25	25	22.97	25.53	0.357
16QAM	3705	44640	10	50	0	22.84	25.40	0.347
16QAM	3750	45090	10	1	0	24.27	26.83	0.482
16QAM	3750	45090	10	1	25	24.32	26.88	0.488
16QAM	3750	45090	10	1	49	24.12	26.68	0.466
16QAM	3750	45090	10	25	0	23.24	25.80	0.380
16QAM	3750	45090	10	25	12	23.12	25.68	0.370
16QAM	3750	45090	10	25	25	23.14	25.70	0.372
16QAM	3750	45090	10	50	0	23.11	25.67	0.369
16QAM	3795	45540	10	1	0	24.42	26.98	0.499
16QAM	3795	45540	10	1	25	24.65	27.21	0.526
16QAM	3795	45540	10	1	49	24.29	26.85	0.484
16QAM	3795	45540	10	25	0	23.15	25.71	0.372
16QAM	3795	45540	10	25	12	23.23	25.79	0.379
16QAM	3795	45540	10	25	25	23.29	25.85	0.385
16QAM	3795	45540	10	50	0	23.19	25.75	0.376
64QAM	3705	44640	10	1	0	23.84	26.40	0.437
64QAM	3705	44640	10	1	25	24.33	26.89	0.489
64QAM	3705	44640	10	1	49	23.65	26.21	0.418
64QAM	3705	44640	10	25	0	22.86	25.42	0.348
64QAM	3705	44640	10	25	12	22.90	25.46	0.352
64QAM	3705	44640	10	25	25	22.89	25.45	0.351
64QAM	3705	44640	10	50	0	22.90	25.46	0.352
64QAM	3750	45090	10	1	0	24.02	26.58	0.455
64QAM	3750	45090	10	1	25	24.36	26.92	0.492
64QAM	3750	45090	10	1	49	24.24	26.80	0.479
64QAM	3750	45090	10	25	0	23.13	25.69	0.371
64QAM	3750	45090	10	25	12	23.12	25.68	0.370
64QAM	3750	45090	10	25	25	23.10	25.66	0.368
64QAM	3750	45090	10	50	0	23.14	25.70	0.372
64QAM	3795	45540	10	1	0	24.02	26.58	0.455
64QAM	3795	45540	10	1	25	24.14	26.70	0.468
64QAM	3795	45540	10	1	49	24.52	27.08	0.511
64QAM	3795	45540	10	25	0	23.12	25.68	0.370
64QAM	3795	45540	10	25	12	23.17	25.73	0.374
64QAM	3795	45540	10	25	25	23.19	25.75	0.376
64QAM	3795	45540	10	50	0	23.24	25.80	0.380

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	3707.5	44665	15	1	0	24.70	27.26	0.532
QPSK	3707.5	44665	15	1	37	24.75	27.31	0.538
QPSK	3707.5	44665	15	1	74	24.82	27.38	0.547
QPSK	3707.5	44665	15	36	0	23.73	26.29	0.426
QPSK	3707.5	44665	15	36	29	23.77	26.33	0.430
QPSK	3707.5	44665	15	36	30	23.77	26.33	0.430
QPSK	3707.5	44665	15	75	0	23.77	26.33	0.430
QPSK	3750	45090	15	1	0	24.89	27.45	0.556
QPSK	3750	45090	15	1	37	24.93	27.49	0.561
QPSK	3750	45090	15	1	74	24.93	27.49	0.561
QPSK	3750	45090	15	36	0	23.95	26.51	0.448
QPSK	3750	45090	15	36	29	23.96	26.52	0.449
QPSK	3750	45090	15	36	30	23.97	26.53	0.450
QPSK	3750	45090	15	75	0	23.96	26.52	0.449
QPSK	3792.5	45515	15	1	0	24.91	27.47	0.558
QPSK	3792.5	45515	15	1	37	24.97	27.53	0.566
QPSK	3792.5	45515	15	1	74	24.99	27.55	0.569
QPSK	3792.5	45515	15	36	0	24.00	26.56	0.453
QPSK	3792.5	45515	15	36	29	24.03	26.59	0.456
QPSK	3792.5	45515	15	36	30	24.03	26.59	0.456
QPSK	3792.5	45515	15	75	0	24.02	26.58	0.455

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	3707.5	44665	15	1	0	23.87	26.43	0.440
16QAM	3707.5	44665	15	1	37	24.13	26.69	0.467
16QAM	3707.5	44665	15	1	74	24.20	26.76	0.474
16QAM	3707.5	44665	15	36	0	22.75	25.31	0.340
16QAM	3707.5	44665	15	36	29	22.81	25.37	0.344
16QAM	3707.5	44665	15	36	30	22.83	25.39	0.346
16QAM	3707.5	44665	15	75	0	22.74	25.30	0.339
16QAM	3750	45090	15	1	0	23.87	26.43	0.440
16QAM	3750	45090	15	1	37	24.45	27.01	0.502
16QAM	3750	45090	15	1	74	23.90	26.46	0.443
16QAM	3750	45090	15	36	0	22.93	25.49	0.354
16QAM	3750	45090	15	36	29	22.99	25.55	0.359
16QAM	3750	45090	15	36	30	22.96	25.52	0.356
16QAM	3750	45090	15	75	0	22.99	25.55	0.359
16QAM	3792.5	45515	15	1	0	24.00	26.56	0.453
16QAM	3792.5	45515	15	1	37	24.40	26.96	0.497
16QAM	3792.5	45515	15	1	74	24.32	26.88	0.488
16QAM	3792.5	45515	15	36	0	23.00	25.56	0.360
16QAM	3792.5	45515	15	36	29	23.08	25.64	0.366
16QAM	3792.5	45515	15	36	30	23.08	25.64	0.366
16QAM	3792.5	45515	15	75	0	23.07	25.63	0.366
64QAM	3707.5	44665	15	1	0	23.88	26.44	0.441
64QAM	3707.5	44665	15	1	37	24.04	26.60	0.457
64QAM	3707.5	44665	15	1	74	23.89	26.45	0.442
64QAM	3707.5	44665	15	36	0	22.78	25.34	0.342
64QAM	3707.5	44665	15	36	29	22.83	25.39	0.346
64QAM	3707.5	44665	15	36	30	22.83	25.39	0.346
64QAM	3707.5	44665	15	75	0	22.80	25.36	0.344
64QAM	3750	45090	15	1	0	23.90	26.46	0.443
64QAM	3750	45090	15	1	37	24.32	26.88	0.488
64QAM	3750	45090	15	1	74	24.01	26.57	0.454
64QAM	3750	45090	15	36	0	22.97	25.53	0.357
64QAM	3750	45090	15	36	29	23.01	25.57	0.361
64QAM	3750	45090	15	36	30	22.97	25.53	0.357
64QAM	3750	45090	15	75	0	22.97	25.53	0.357
64QAM	3792.5	45515	15	1	0	24.09	26.65	0.462
64QAM	3792.5	45515	15	1	37	24.02	26.58	0.455
64QAM	3792.5	45515	15	1	74	24.12	26.68	0.466
64QAM	3792.5	45515	15	36	0	23.05	25.61	0.364
64QAM	3792.5	45515	15	36	29	23.05	25.61	0.364
64QAM	3792.5	45515	15	36	30	23.08	25.64	0.366
64QAM	3792.5	45515	15	75	0	23.01	25.57	0.361

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	3710	44690	20	1	0	24.69	27.25	0.531
QPSK	3710	44690	20	1	49	24.78	27.34	0.542
QPSK	3710	44690	20	1	99	24.85	27.41	0.551
QPSK	3710	44690	20	50	0	23.81	26.37	0.434
QPSK	3710	44690	20	50	24	23.82	26.38	0.435
QPSK	3710	44690	20	50	50	23.91	26.47	0.444
QPSK	3710	44690	20	100	0	23.87	26.43	0.440
QPSK	3750	45090	20	1	0	24.84	27.40	0.550
QPSK	3750	45090	20	1	49	24.88	27.44	0.555
QPSK	3750	45090	20	1	99	24.86	27.42	0.552
QPSK	3750	45090	20	50	0	24.01	26.57	0.454
QPSK	3750	45090	20	50	24	23.98	26.54	0.451
QPSK	3750	45090	20	50	50	24.07	26.63	0.460
QPSK	3750	45090	20	100	0	24.05	26.61	0.458
QPSK	3790	45490	20	1	0	24.90	27.46	0.557
QPSK	3790	45490	20	1	49	24.96	27.52	0.565
QPSK	3790	45490	20	1	99	24.98	27.54	0.568
QPSK	3790	45490	20	50	0	24.04	26.60	0.457
QPSK	3790	45490	20	50	24	24.02	26.58	0.455
QPSK	3790	45490	20	50	50	24.13	26.69	0.467
QPSK	3790	45490	20	100	0	24.07	26.63	0.460

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	3710	44690	20	1	0	24.09	26.65	0.462
16QAM	3710	44690	20	1	49	24.20	26.76	0.474
16QAM	3710	44690	20	1	99	24.28	26.84	0.483
16QAM	3710	44690	20	50	0	22.83	25.39	0.346
16QAM	3710	44690	20	50	24	22.84	25.40	0.347
16QAM	3710	44690	20	50	50	22.93	25.49	0.354
16QAM	3710	44690	20	100	0	22.88	25.44	0.350
16QAM	3750	45090	20	1	0	24.32	26.88	0.488
16QAM	3750	45090	20	1	49	24.51	27.07	0.509
16QAM	3750	45090	20	1	99	24.15	26.71	0.469
16QAM	3750	45090	20	50	0	23.09	25.65	0.367
16QAM	3750	45090	20	50	24	23.02	25.58	0.361
16QAM	3750	45090	20	50	50	23.05	25.61	0.364
16QAM	3750	45090	20	100	0	23.03	25.59	0.362
16QAM	3790	45490	20	1	0	23.88	26.44	0.441
16QAM	3790	45490	20	1	49	23.97	26.53	0.450
16QAM	3790	45490	20	1	99	24.45	27.01	0.502
16QAM	3790	45490	20	50	0	23.06	25.62	0.365
16QAM	3790	45490	20	50	24	23.06	25.62	0.365
16QAM	3790	45490	20	50	50	23.15	25.71	0.372
16QAM	3790	45490	20	100	0	23.08	25.64	0.366
64QAM	3710	44690	20	1	0	24.02	26.58	0.455
64QAM	3710	44690	20	1	49	23.89	26.45	0.442
64QAM	3710	44690	20	1	99	24.04	26.60	0.457
64QAM	3710	44690	20	50	0	22.84	25.40	0.347
64QAM	3710	44690	20	50	24	22.78	25.34	0.342
64QAM	3710	44690	20	50	50	22.94	25.50	0.355
64QAM	3710	44690	20	100	0	22.83	25.39	0.346
64QAM	3750	45090	20	1	0	24.08	26.64	0.461
64QAM	3750	45090	20	1	49	24.12	26.68	0.466
64QAM	3750	45090	20	1	99	24.13	26.69	0.467
64QAM	3750	45090	20	50	0	22.98	25.54	0.358
64QAM	3750	45090	20	50	24	23.06	25.62	0.365
64QAM	3750	45090	20	50	50	23.03	25.59	0.362
64QAM	3750	45090	20	100	0	23.08	25.64	0.366
64QAM	3790	45490	20	1	0	24.31	26.87	0.486
64QAM	3790	45490	20	1	49	23.88	26.44	0.441
64QAM	3790	45490	20	1	99	23.98	26.54	0.451
64QAM	3790	45490	20	50	0	23.05	25.61	0.364
64QAM	3790	45490	20	50	24	23.09	25.65	0.367
64QAM	3790	45490	20	50	50	23.15	25.71	0.372
64QAM	3790	45490	20	100	0	23.10	25.66	0.368