

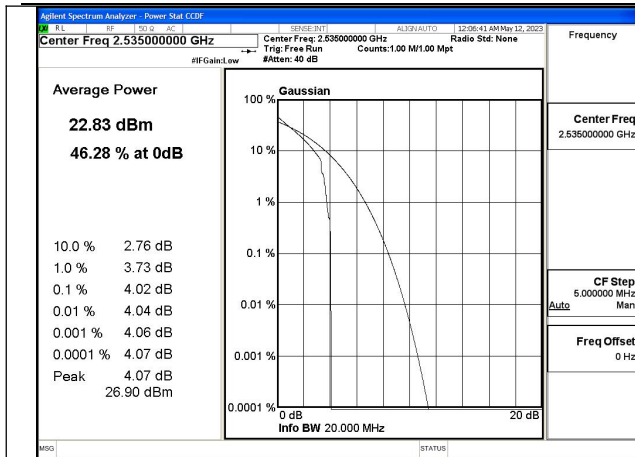


Fig.61

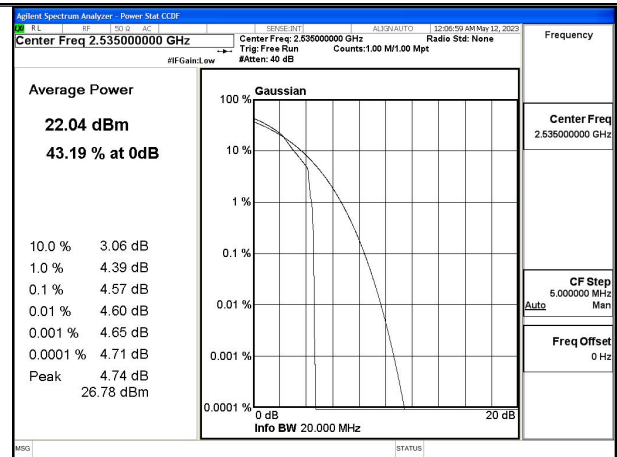


Fig.62

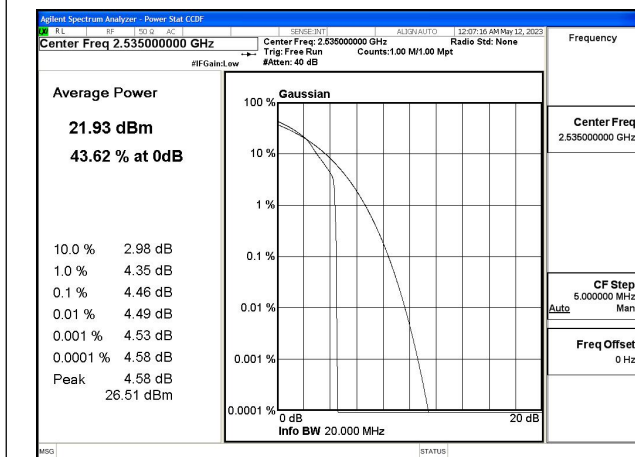


Fig.63

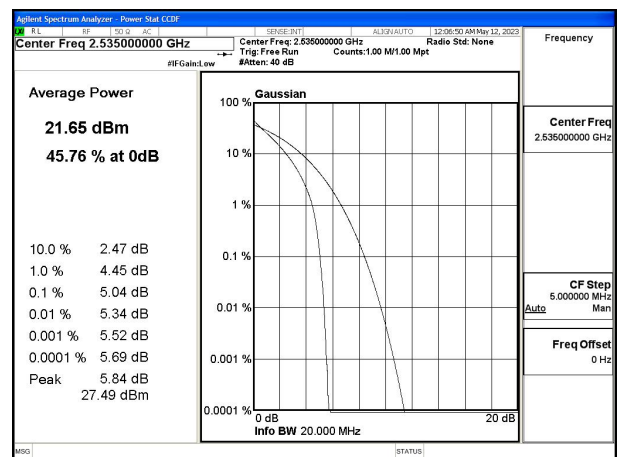


Fig.64

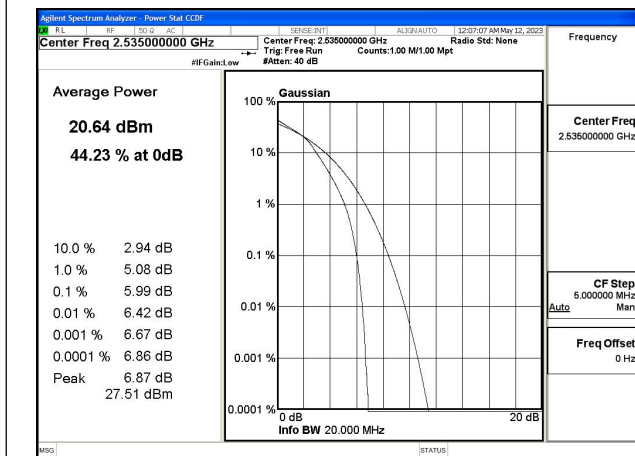


Fig.65

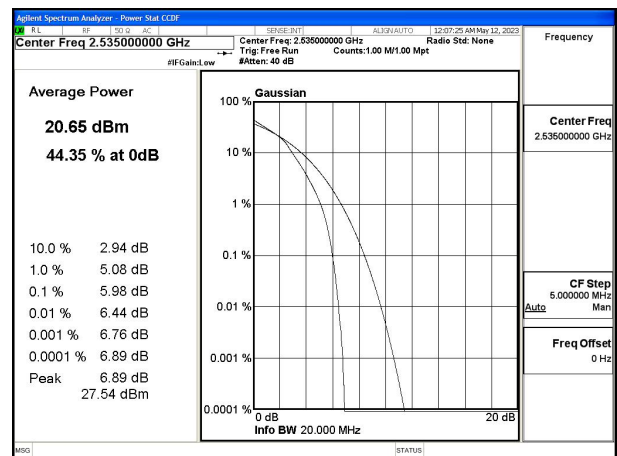


Fig.66

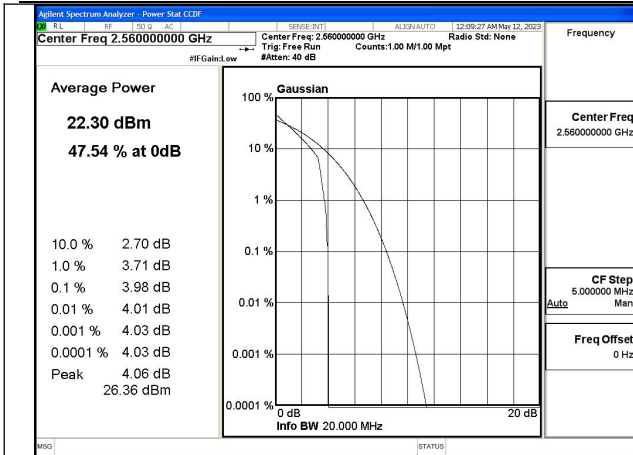


Fig.67

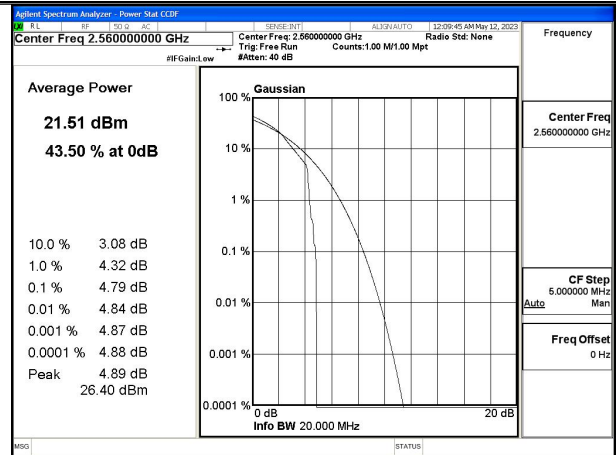


Fig.68

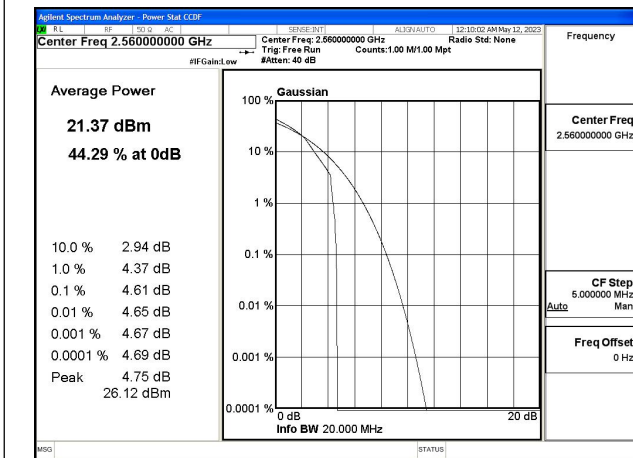


Fig.69

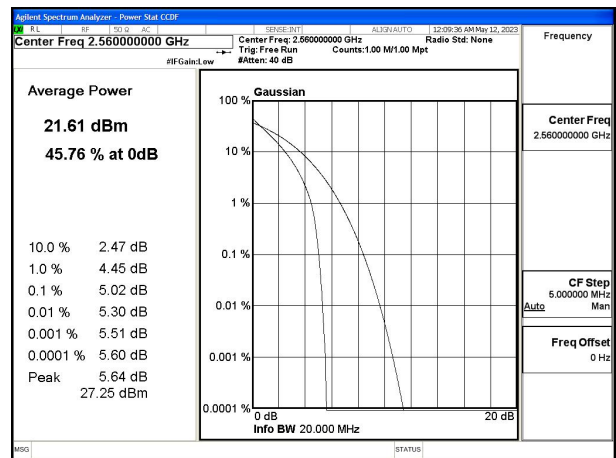


Fig.70

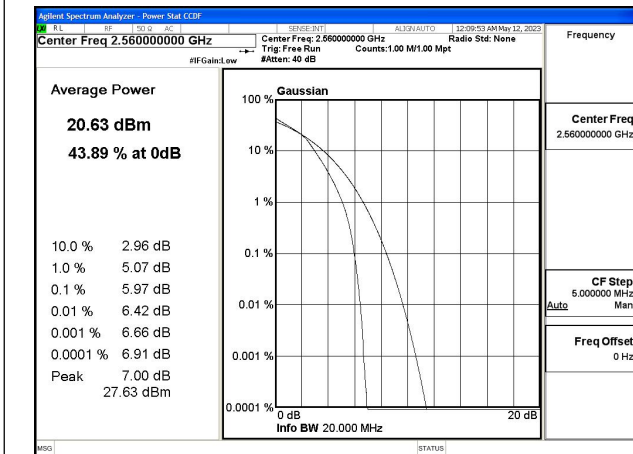


Fig.71

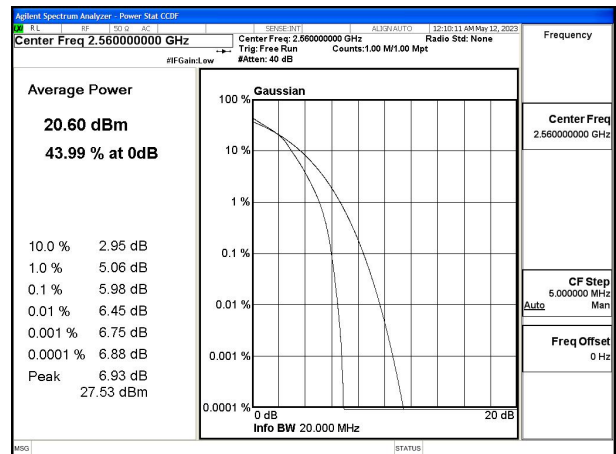


Fig.72

5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
7	2510	20850	20	1	0	Fig.1
7	2535	21100	20	1	0	Fig.2
7	2560	21350	20	1	0	Fig.3

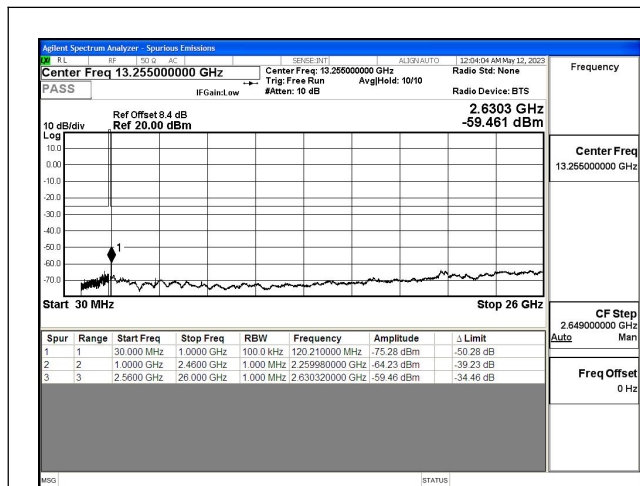


Fig.1

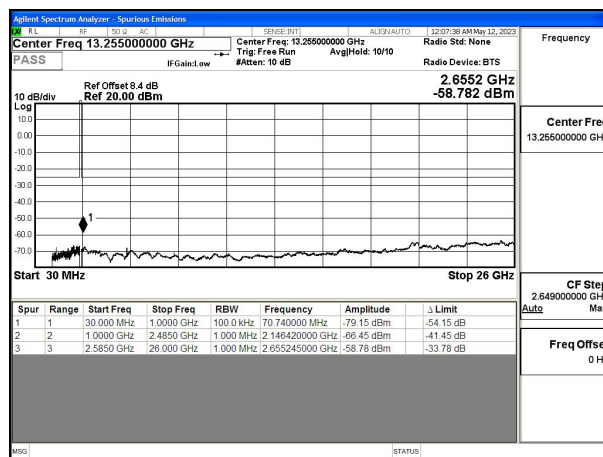


Fig.2

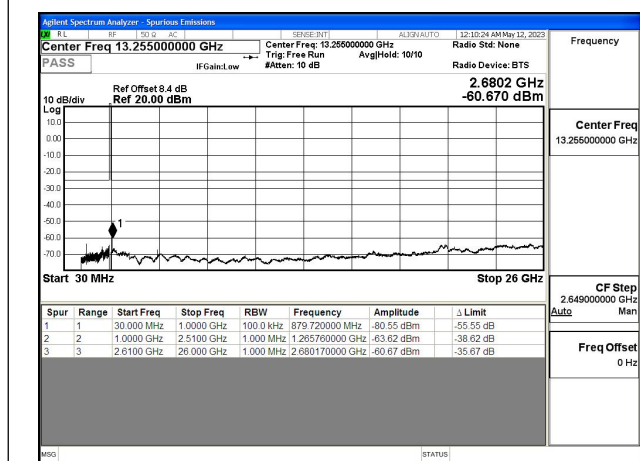


Fig.3

6 Band Edges Compliance

Band	Mode	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
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

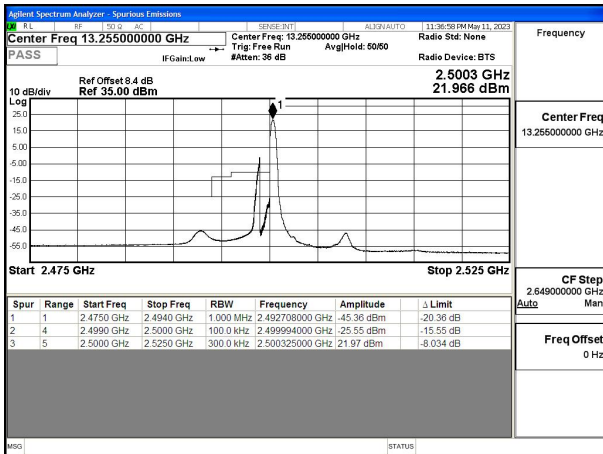


Fig.1

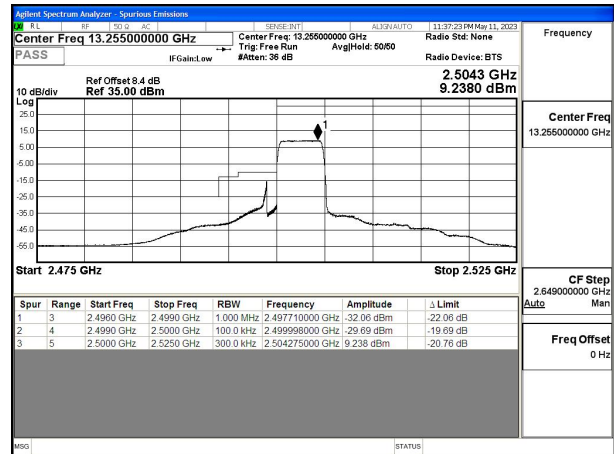


Fig.2

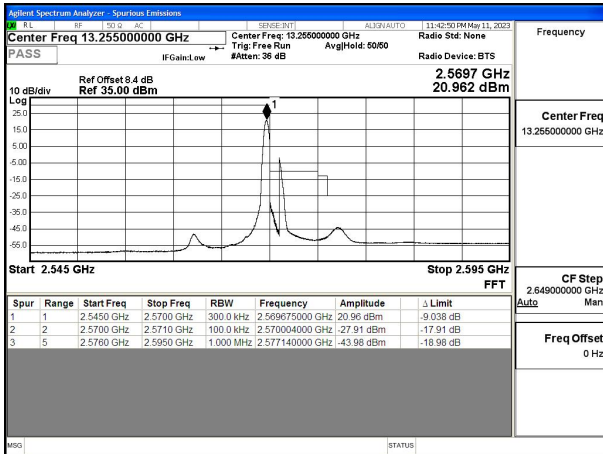


Fig.3

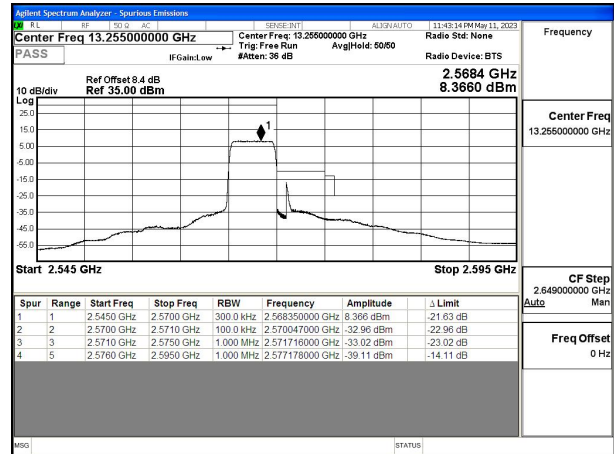


Fig.4

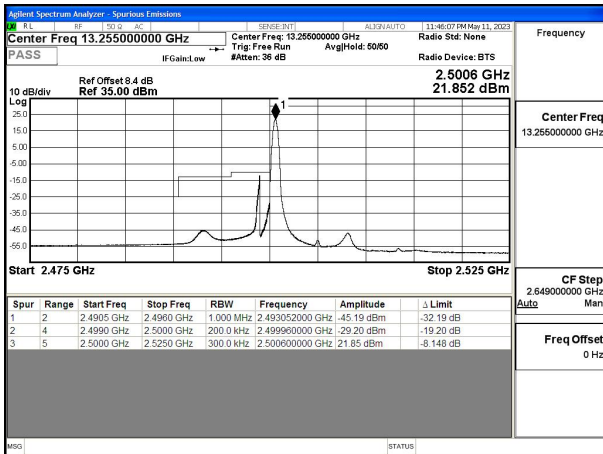


Fig.5

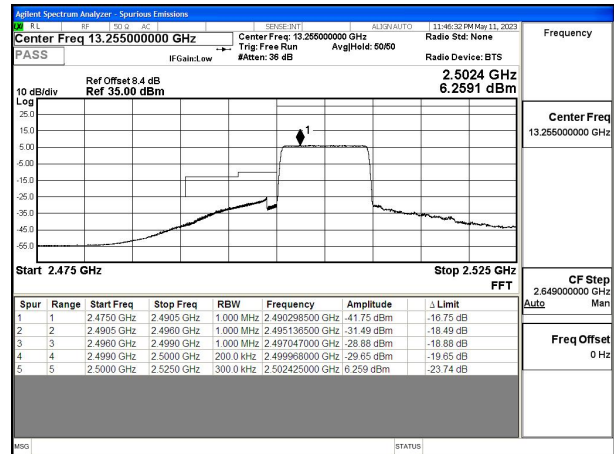


Fig.6

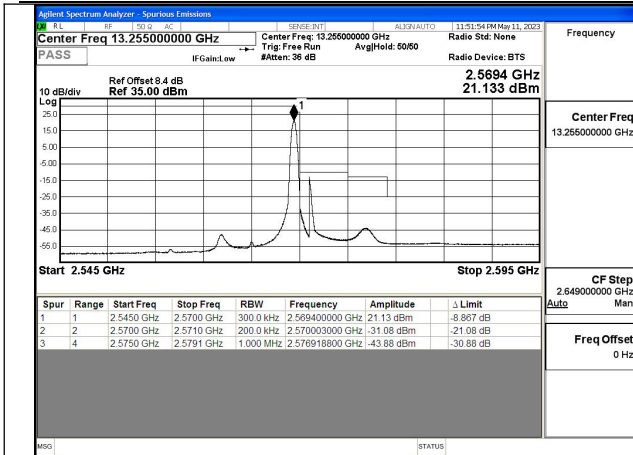


Fig.7

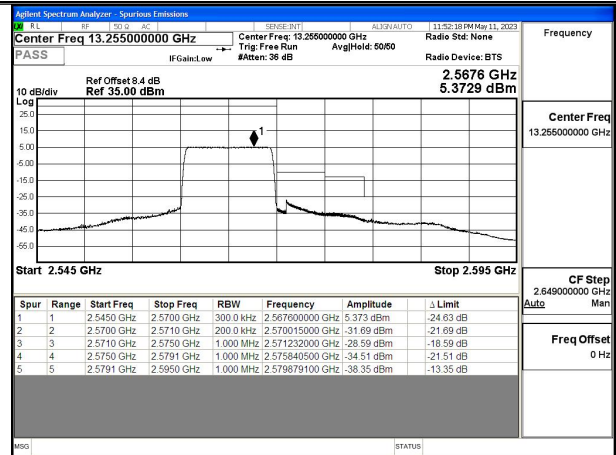


Fig.8

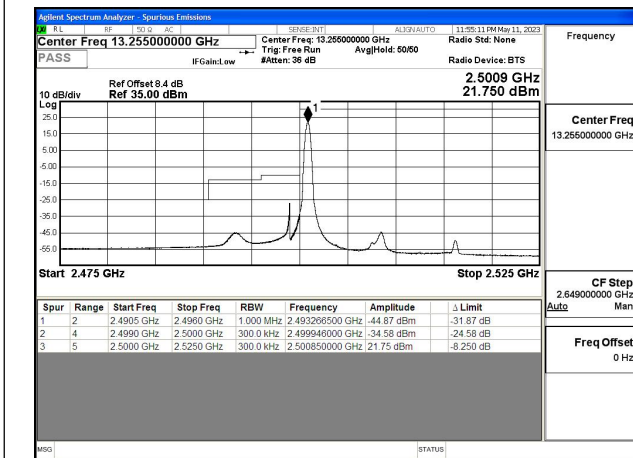


Fig.9

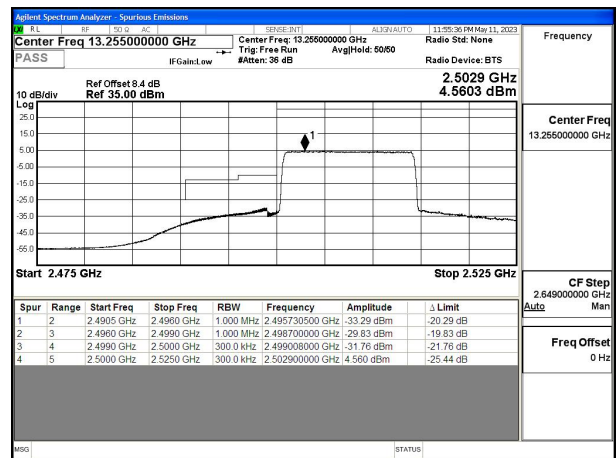


Fig.10

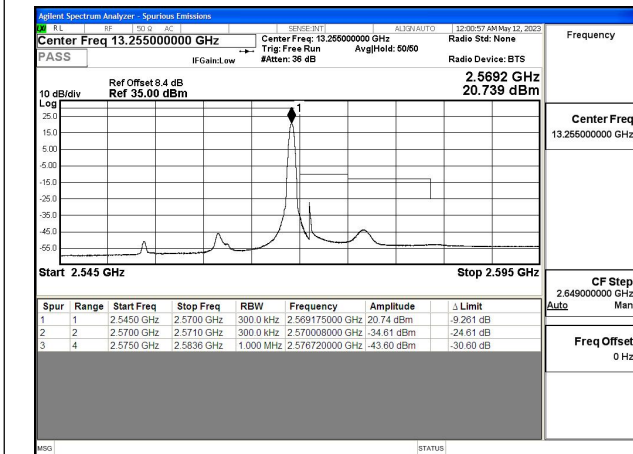


Fig.11

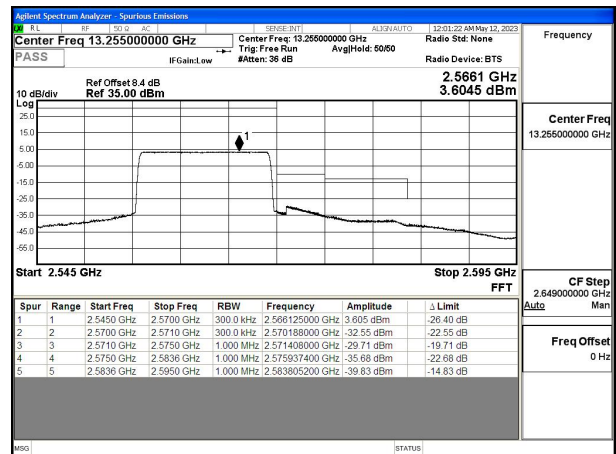


Fig.12

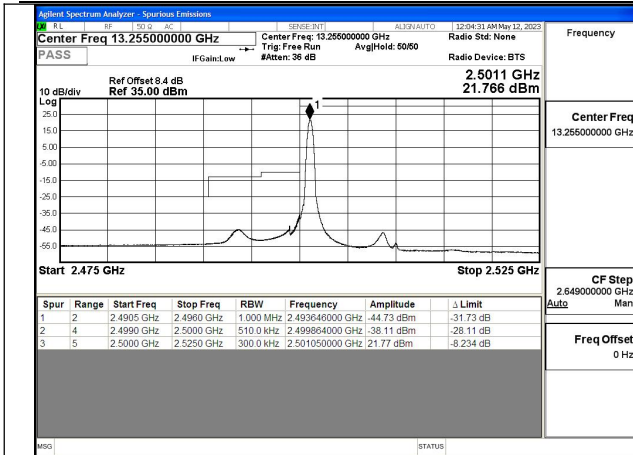


Fig.13

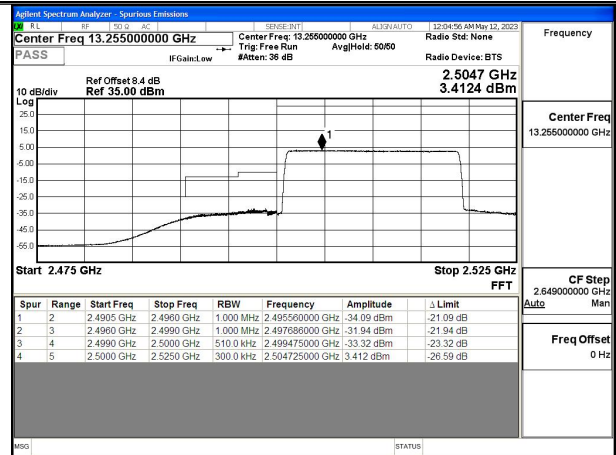


Fig.14

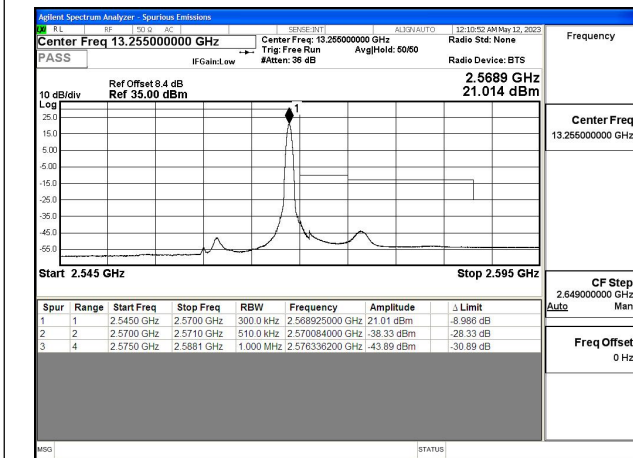


Fig.15

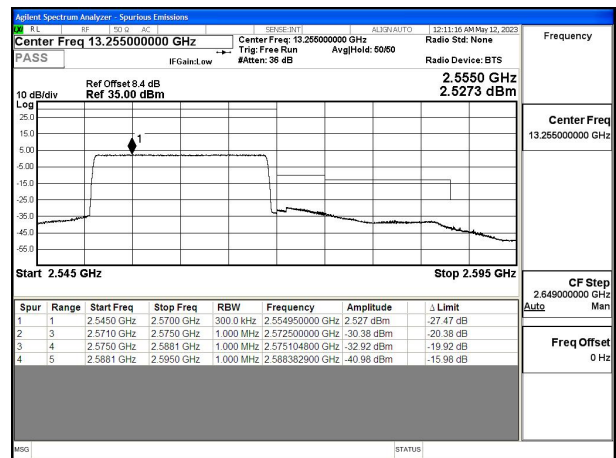


Fig.16

7 Frequency Stability

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

Temperature(°C)	Voltage	Test Result (ppm) Band 7 High Channel QPSK			
		5M	10M	15M	20M
-10	NV	-0.003	0.002	0.001	-0.003
0	NV	-0.001	0.002	-0.003	-0.002
+10	NV	0.001	0.001	0.001	-0.003
+20	NV	0.002	0.001	0.001	0.002
+30	NV	0.001	0.002	-0.002	-0.002
+40	NV	-0.001	-0.002	-0.002	-0.002
+50	NV	0.002	-0.002	0.001	-0.003
+55	NV	0.002	-0.003	-0.002	0.001
+20	LV	-0.002	0.002	0.002	-0.001
+20	HV	-0.003	0.001	-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	2502.5	20775	5	1	0	22.87	19.07	0.081
QPSK	2502.5	20775	5	1	12	22.97	19.17	0.083
QPSK	2502.5	20775	5	1	24	22.88	19.08	0.081
QPSK	2502.5	20775	5	12	0	21.93	18.13	0.065
QPSK	2502.5	20775	5	12	7	21.92	18.12	0.065
QPSK	2502.5	20775	5	12	13	21.83	18.03	0.064
QPSK	2502.5	20775	5	25	0	21.90	18.10	0.065
QPSK	2535	21100	5	1	0	23.19	19.39	0.087
QPSK	2535	21100	5	1	12	23.12	19.32	0.086
QPSK	2535	21100	5	1	24	22.97	19.17	0.083
QPSK	2535	21100	5	12	0	22.07	18.27	0.067
QPSK	2535	21100	5	12	7	22.04	18.24	0.067
QPSK	2535	21100	5	12	13	22.15	18.35	0.068
QPSK	2535	21100	5	25	0	22.01	18.21	0.066
QPSK	2567.5	21425	5	1	0	22.80	19.00	0.079
QPSK	2567.5	21425	5	1	12	22.99	19.19	0.083
QPSK	2567.5	21425	5	1	24	23.01	19.21	0.083
QPSK	2567.5	21425	5	12	0	22.08	18.28	0.067
QPSK	2567.5	21425	5	12	7	21.99	18.19	0.066
QPSK	2567.5	21425	5	12	13	22.05	18.25	0.067
QPSK	2567.5	21425	5	25	0	21.99	18.19	0.066

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	21.93	18.13	0.065
16QAM	2502.5	20775	5	1	12	22.51	18.71	0.074
16QAM	2502.5	20775	5	1	24	22.27	18.47	0.070
16QAM	2502.5	20775	5	12	0	20.85	17.05	0.051
16QAM	2502.5	20775	5	12	7	20.95	17.15	0.052
16QAM	2502.5	20775	5	12	13	20.96	17.16	0.052
16QAM	2502.5	20775	5	25	0	20.82	17.02	0.050
16QAM	2535	21100	5	1	0	22.42	18.62	0.073
16QAM	2535	21100	5	1	12	22.06	18.26	0.067
16QAM	2535	21100	5	1	24	22.55	18.75	0.075
16QAM	2535	21100	5	12	0	21.03	17.23	0.053
16QAM	2535	21100	5	12	7	21.09	17.29	0.054
16QAM	2535	21100	5	12	13	21.18	17.38	0.055
16QAM	2535	21100	5	25	0	21.08	17.28	0.053
16QAM	2567.5	21425	5	1	0	22.15	18.35	0.068
16QAM	2567.5	21425	5	1	12	22.09	18.29	0.067
16QAM	2567.5	21425	5	1	24	21.92	18.12	0.065
16QAM	2567.5	21425	5	12	0	21.05	17.25	0.053
16QAM	2567.5	21425	5	12	7	21.01	17.21	0.053
16QAM	2567.5	21425	5	12	13	21.03	17.23	0.053
16QAM	2567.5	21425	5	25	0	21.09	17.29	0.054
64QAM	2502.5	20775	5	1	0	21.84	18.04	0.064
64QAM	2502.5	20775	5	1	12	21.94	18.14	0.065
64QAM	2502.5	20775	5	1	24	21.93	18.13	0.065
64QAM	2502.5	20775	5	12	0	21.02	17.22	0.053
64QAM	2502.5	20775	5	12	7	20.95	17.15	0.052
64QAM	2502.5	20775	5	12	13	20.86	17.06	0.051
64QAM	2502.5	20775	5	25	0	20.94	17.14	0.052
64QAM	2535	21100	5	1	0	22.20	18.40	0.069
64QAM	2535	21100	5	1	12	21.91	18.11	0.065
64QAM	2535	21100	5	1	24	22.14	18.34	0.068
64QAM	2535	21100	5	12	0	21.03	17.23	0.053
64QAM	2535	21100	5	12	7	21.07	17.27	0.053
64QAM	2535	21100	5	12	13	21.00	17.20	0.052
64QAM	2535	21100	5	25	0	20.90	17.10	0.051
64QAM	2567.5	21425	5	1	0	22.30	18.50	0.071
64QAM	2567.5	21425	5	1	12	21.93	18.13	0.065
64QAM	2567.5	21425	5	1	24	22.05	18.25	0.067
64QAM	2567.5	21425	5	12	0	21.13	17.33	0.054
64QAM	2567.5	21425	5	12	7	21.14	17.34	0.054
64QAM	2567.5	21425	5	12	13	21.16	17.36	0.054
64QAM	2567.5	21425	5	25	0	21.05	17.25	0.053

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	22.87	19.07	0.081
QPSK	2505	20800	10	1	25	22.87	19.07	0.081
QPSK	2505	20800	10	1	49	22.83	19.03	0.080
QPSK	2505	20800	10	25	0	21.97	18.17	0.066
QPSK	2505	20800	10	25	12	21.93	18.13	0.065
QPSK	2505	20800	10	25	25	21.89	18.09	0.064
QPSK	2505	20800	10	50	0	21.88	18.08	0.064
QPSK	2535	21100	10	1	0	23.21	19.41	0.087
QPSK	2535	21100	10	1	25	23.00	19.20	0.083
QPSK	2535	21100	10	1	49	22.97	19.17	0.083
QPSK	2535	21100	10	25	0	22.04	18.24	0.067
QPSK	2535	21100	10	25	12	22.04	18.24	0.067
QPSK	2535	21100	10	25	25	22.08	18.28	0.067
QPSK	2535	21100	10	50	0	22.06	18.26	0.067
QPSK	2565	21400	10	1	0	22.95	19.15	0.082
QPSK	2565	21400	10	1	25	22.87	19.07	0.081
QPSK	2565	21400	10	1	49	22.83	19.03	0.080
QPSK	2565	21400	10	25	0	21.86	18.06	0.064
QPSK	2565	21400	10	25	12	21.88	18.08	0.064
QPSK	2565	21400	10	25	25	22.01	18.21	0.066
QPSK	2565	21400	10	50	0	21.99	18.19	0.066

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	22.31	18.51	0.071
16QAM	2505	20800	10	1	25	22.04	18.24	0.067
16QAM	2505	20800	10	1	49	21.93	18.13	0.065
16QAM	2505	20800	10	25	0	20.85	17.05	0.051
16QAM	2505	20800	10	25	12	20.93	17.13	0.052
16QAM	2505	20800	10	25	25	20.87	17.07	0.051
16QAM	2505	20800	10	50	0	20.87	17.07	0.051
16QAM	2535	21100	10	1	0	22.64	18.84	0.077
16QAM	2535	21100	10	1	25	22.48	18.68	0.074
16QAM	2535	21100	10	1	49	22.24	18.44	0.070
16QAM	2535	21100	10	25	0	21.13	17.33	0.054
16QAM	2535	21100	10	25	12	21.08	17.28	0.053
16QAM	2535	21100	10	25	25	21.08	17.28	0.053
16QAM	2535	21100	10	50	0	20.99	17.19	0.052
16QAM	2565	21400	10	1	0	22.76	18.96	0.079
16QAM	2565	21400	10	1	25	22.31	18.51	0.071
16QAM	2565	21400	10	1	49	22.25	18.45	0.070
16QAM	2565	21400	10	25	0	20.79	16.99	0.050
16QAM	2565	21400	10	25	12	21.00	17.20	0.052
16QAM	2565	21400	10	25	25	21.16	17.36	0.054
16QAM	2565	21400	10	50	0	20.87	17.07	0.051
64QAM	2505	20800	10	1	0	22.54	18.74	0.075
64QAM	2505	20800	10	1	25	22.02	18.22	0.066
64QAM	2505	20800	10	1	49	21.87	18.07	0.064
64QAM	2505	20800	10	25	0	20.97	17.17	0.052
64QAM	2505	20800	10	25	12	20.88	17.08	0.051
64QAM	2505	20800	10	25	25	21.01	17.21	0.053
64QAM	2505	20800	10	50	0	20.93	17.13	0.052
64QAM	2535	21100	10	1	0	22.52	18.72	0.074
64QAM	2535	21100	10	1	25	22.26	18.46	0.070
64QAM	2535	21100	10	1	49	22.31	18.51	0.071
64QAM	2535	21100	10	25	0	21.02	17.22	0.053
64QAM	2535	21100	10	25	12	21.03	17.23	0.053
64QAM	2535	21100	10	25	25	21.13	17.33	0.054
64QAM	2535	21100	10	50	0	21.05	17.25	0.053
64QAM	2565	21400	10	1	0	22.11	18.31	0.068
64QAM	2565	21400	10	1	25	21.92	18.12	0.065
64QAM	2565	21400	10	1	49	22.28	18.48	0.070
64QAM	2565	21400	10	25	0	20.88	17.08	0.051
64QAM	2565	21400	10	25	12	20.93	17.13	0.052
64QAM	2565	21400	10	25	25	21.11	17.31	0.054
64QAM	2565	21400	10	50	0	20.98	17.18	0.052

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	22.77	18.97	0.079
QPSK	2507.5	20825	15	1	37	22.89	19.09	0.081
QPSK	2507.5	20825	15	1	74	22.80	19.00	0.079
QPSK	2507.5	20825	15	36	0	21.76	17.96	0.063
QPSK	2507.5	20825	15	36	29	21.83	18.03	0.064
QPSK	2507.5	20825	15	36	30	21.73	17.93	0.062
QPSK	2507.5	20825	15	75	0	21.74	17.94	0.062
QPSK	2535	21100	15	1	0	23.05	19.25	0.084
QPSK	2535	21100	15	1	37	22.91	19.11	0.081
QPSK	2535	21100	15	1	74	22.85	19.05	0.080
QPSK	2535	21100	15	36	0	21.90	18.10	0.065
QPSK	2535	21100	15	36	29	21.91	18.11	0.065
QPSK	2535	21100	15	36	30	21.90	18.10	0.065
QPSK	2535	21100	15	75	0	21.93	18.13	0.065
QPSK	2562.5	21375	15	1	0	22.61	18.81	0.076
QPSK	2562.5	21375	15	1	37	22.90	19.10	0.081
QPSK	2562.5	21375	15	1	74	22.79	18.99	0.079
QPSK	2562.5	21375	15	36	0	21.72	17.92	0.062
QPSK	2562.5	21375	15	36	29	21.85	18.05	0.064
QPSK	2562.5	21375	15	36	30	21.80	18.00	0.063
QPSK	2562.5	21375	15	75	0	21.79	17.99	0.063

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	22.12	18.32	0.068
16QAM	2507.5	20825	15	1	37	21.82	18.02	0.063
16QAM	2507.5	20825	15	1	74	21.70	17.90	0.062
16QAM	2507.5	20825	15	36	0	20.72	16.92	0.049
16QAM	2507.5	20825	15	36	29	20.82	17.02	0.050
16QAM	2507.5	20825	15	36	30	20.92	17.12	0.052
16QAM	2507.5	20825	15	75	0	20.81	17.01	0.050
16QAM	2535	21100	15	1	0	22.52	18.72	0.074
16QAM	2535	21100	15	1	37	22.21	18.41	0.069
16QAM	2535	21100	15	1	74	22.14	18.34	0.068
16QAM	2535	21100	15	36	0	20.97	17.17	0.052
16QAM	2535	21100	15	36	29	20.85	17.05	0.051
16QAM	2535	21100	15	36	30	20.90	17.10	0.051
16QAM	2535	21100	15	75	0	20.93	17.13	0.052
16QAM	2562.5	21375	15	1	0	21.90	18.10	0.065
16QAM	2562.5	21375	15	1	37	22.34	18.54	0.071
16QAM	2562.5	21375	15	1	74	21.76	17.96	0.063
16QAM	2562.5	21375	15	36	0	20.89	17.09	0.051
16QAM	2562.5	21375	15	36	29	20.88	17.08	0.051
16QAM	2562.5	21375	15	36	30	20.88	17.08	0.051
16QAM	2562.5	21375	15	75	0	20.77	16.97	0.050
64QAM	2507.5	20825	15	1	0	21.63	17.83	0.061
64QAM	2507.5	20825	15	1	37	22.14	18.34	0.068
64QAM	2507.5	20825	15	1	74	21.90	18.10	0.065
64QAM	2507.5	20825	15	36	0	20.69	16.89	0.049
64QAM	2507.5	20825	15	36	29	20.89	17.09	0.051
64QAM	2507.5	20825	15	36	30	20.73	16.93	0.049
64QAM	2507.5	20825	15	75	0	20.73	16.93	0.049
64QAM	2535	21100	15	1	0	22.21	18.41	0.069
64QAM	2535	21100	15	1	37	22.29	18.49	0.071
64QAM	2535	21100	15	1	74	21.94	18.14	0.065
64QAM	2535	21100	15	36	0	21.05	17.25	0.053
64QAM	2535	21100	15	36	29	20.87	17.07	0.051
64QAM	2535	21100	15	36	30	20.82	17.02	0.050
64QAM	2535	21100	15	75	0	20.82	17.02	0.050
64QAM	2562.5	21375	15	1	0	21.70	17.90	0.062
64QAM	2562.5	21375	15	1	37	22.16	18.36	0.069
64QAM	2562.5	21375	15	1	74	21.63	17.83	0.061
64QAM	2562.5	21375	15	36	0	20.68	16.88	0.049
64QAM	2562.5	21375	15	36	29	20.89	17.09	0.051
64QAM	2562.5	21375	15	36	30	20.87	17.07	0.051
64QAM	2562.5	21375	15	75	0	20.87	17.07	0.051

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	22.71	18.91	0.078
QPSK	2510	20850	20	1	49	23.08	19.28	0.085
QPSK	2510	20850	20	1	99	22.74	18.94	0.078
QPSK	2510	20850	20	50	0	21.81	18.01	0.063
QPSK	2510	20850	20	50	24	21.91	18.11	0.065
QPSK	2510	20850	20	50	50	21.81	18.01	0.063
QPSK	2510	20850	20	100	0	21.88	18.08	0.064
QPSK	2535	21100	20	1	0	23.07	19.27	0.085
QPSK	2535	21100	20	1	49	22.94	19.14	0.082
QPSK	2535	21100	20	1	99	22.84	19.04	0.080
QPSK	2535	21100	20	50	0	22.01	18.21	0.066
QPSK	2535	21100	20	50	24	21.94	18.14	0.065
QPSK	2535	21100	20	50	50	21.97	18.17	0.066
QPSK	2535	21100	20	100	0	21.91	18.11	0.065
QPSK	2560	21350	20	1	0	22.69	18.89	0.077
QPSK	2560	21350	20	1	49	23.07	19.27	0.085
QPSK	2560	21350	20	1	99	22.70	18.90	0.078
QPSK	2560	21350	20	50	0	21.70	17.90	0.062
QPSK	2560	21350	20	50	24	21.83	18.03	0.064
QPSK	2560	21350	20	50	50	21.80	18.00	0.063
QPSK	2560	21350	20	100	0	21.82	18.02	0.063

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	21.47	17.67	0.058
16QAM	2510	20850	20	1	49	21.93	18.13	0.065
16QAM	2510	20850	20	1	99	22.19	18.39	0.069
16QAM	2510	20850	20	50	0	20.75	16.95	0.050
16QAM	2510	20850	20	50	24	20.82	17.02	0.050
16QAM	2510	20850	20	50	50	20.73	16.93	0.049
16QAM	2510	20850	20	100	0	20.79	16.99	0.050
16QAM	2535	21100	20	1	0	22.48	18.68	0.074
16QAM	2535	21100	20	1	49	22.12	18.32	0.068
16QAM	2535	21100	20	1	99	22.08	18.28	0.067
16QAM	2535	21100	20	50	0	20.96	17.16	0.052
16QAM	2535	21100	20	50	24	21.04	17.24	0.053
16QAM	2535	21100	20	50	50	20.92	17.12	0.052
16QAM	2535	21100	20	100	0	20.99	17.19	0.052
16QAM	2560	21350	20	1	0	21.78	17.98	0.063
16QAM	2560	21350	20	1	49	21.41	17.61	0.058
16QAM	2560	21350	20	1	99	22.38	18.58	0.072
16QAM	2560	21350	20	50	0	20.73	16.93	0.049
16QAM	2560	21350	20	50	24	20.84	17.04	0.051
16QAM	2560	21350	20	50	50	20.75	16.95	0.050
16QAM	2560	21350	20	100	0	20.81	17.01	0.050
64QAM	2510	20850	20	1	0	21.83	18.03	0.064
64QAM	2510	20850	20	1	49	21.83	18.03	0.064
64QAM	2510	20850	20	1	99	21.88	18.08	0.064
64QAM	2510	20850	20	50	0	20.73	16.93	0.049
64QAM	2510	20850	20	50	24	20.84	17.04	0.051
64QAM	2510	20850	20	50	50	20.86	17.06	0.051
64QAM	2510	20850	20	100	0	20.95	17.15	0.052
64QAM	2535	21100	20	1	0	22.18	18.38	0.069
64QAM	2535	21100	20	1	49	22.37	18.57	0.072
64QAM	2535	21100	20	1	99	21.54	17.74	0.059
64QAM	2535	21100	20	50	0	21.00	17.20	0.052
64QAM	2535	21100	20	50	24	20.86	17.06	0.051
64QAM	2535	21100	20	50	50	21.01	17.21	0.053
64QAM	2535	21100	20	100	0	20.93	17.13	0.052
64QAM	2560	21350	20	1	0	21.79	17.99	0.063
64QAM	2560	21350	20	1	49	21.57	17.77	0.060
64QAM	2560	21350	20	1	99	21.96	18.16	0.065
64QAM	2560	21350	20	50	0	20.76	16.96	0.050
64QAM	2560	21350	20	50	24	20.86	17.06	0.051
64QAM	2560	21350	20	50	50	20.88	17.08	0.051
64QAM	2560	21350	20	100	0	20.74	16.94	0.049