Appendix A

Test Information:

Sample No.:	357Q-1	**Test Date:**	2025/08/29
Test Site:	RF	**Test Mode:**	Transmitting
Tester:	Zoey Song	**Test Result:**	Pass

Environmental Conditions:

Temperature: (°C)	24.8	**Relative Humidity: (%)**	50	**ATM Pressure: (kPa)**	100.3

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Wideband Radio Communication Tester	CMW500	143458	2025/03/31	2026/03/30
eastsheep	Coaxial Attenuator	2W-SMA-JK-18G	21060301	Each time	N/A

** Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

RF Output Power

FCC For 90S

B26_1 , Normal

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
1_1.4MHz_Low_QPSK_1@0	21.90	13.39	0.022	100	Pass
1_1.4MHz_Low_QPSK_1@3	21.59	13.08	0.020	100	Pass
1_1.4MHz_Low_QPSK_1@5	21.66	13.15	0.021	100	Pass
1_1.4MHz_Low_QPSK_3@0	21.86	13.35	0.022	100	Pass
1_1.4MHz_Low_QPSK_3@1	21.62	13.11	0.020	100	Pass
1_1.4MHz_Low_QPSK_3@3	22.23	13.72	0.024	100	Pass
1_1.4MHz_Low_QPSK_6@0	21.24	12.73	0.019	100	Pass
1_1.4MHz_Low_16QAM_1@0	22.87	14.36	0.027	100	Pass
1_1.4MHz_Low_16QAM_1@3	22.79	14.28	0.027	100	Pass
1_1.4MHz_Low_16QAM_1@5	22.79	14.28	0.027	100	Pass
1_1.4MHz_Low_16QAM_3@0	20.86	12.35	0.017	100	Pass
1_1.4MHz_Low_16QAM_3@1	20.86	12.35	0.017	100	Pass
1_1.4MHz_Low_16QAM_3@3	20.91	12.40	0.017	100	Pass
1_1.4MHz_Low_16QAM_6@0	20.23	11.72	0.015	100	Pass
1_1.4MHz_High_QPSK_1@0	21.68	13.17	0.021	100	Pass
1_1.4MHz_High_QPSK_1@3	22.21	13.70	0.023	100	Pass
1_1.4MHz_High_QPSK_1@5	21.96	13.45	0.022	100	Pass
1_1.4MHz_High_QPSK_3@0	21.72	13.21	0.021	100	Pass
1_1.4MHz_High_QPSK_3@1	22.03	13.52	0.022	100	Pass
1_1.4MHz_High_QPSK_3@3	21.62	13.11	0.020	100	Pass
1_1.4MHz_High_QPSK_6@0	21.22	12.71	0.019	100	Pass
1_1.4MHz_High_16QAM_1@0	22.09	13.58	0.023	100	Pass
1_1.4MHz_High_16QAM_1@3	21.90	13.39	0.022	100	Pass
1_1.4MHz_High_16QAM_1@5	22.30	13.79	0.024	100	Pass
1_1.4MHz_High_16QAM_3@0	21.19	12.68	0.019	100	Pass
1_1.4MHz_High_16QAM_3@1	21.34	12.83	0.019	100	Pass
1_1.4MHz_High_16QAM_3@3	21.13	12.62	0.018	100	Pass
1_1.4MHz_High_16QAM_6@0	20.21	11.70	0.015	100	Pass

Note:

ERP = Average Conducted Power(dBm) + Antenna Gain(dBd) - Cable Loss(dB)

Antenna Gain(dBd) = Antenna Gain(dBi) - 2.15

band 26_1:

1. Use Main antenna to calculate maximum ERP, Antenna Gain = -6.36dBi;

2.Cable Loss = 0dB.

B26_3 , Normal

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
3_10MHz_Middle_QPSK_1@0	22.00	13.49	0.022	7	Pass
3_10MHz_Middle_QPSK_1@25	21.82	13.31	0.021	7	Pass
3_10MHz_Middle_QPSK_1@49	21.71	13.20	0.021	7	Pass
3_10MHz_Middle_QPSK_25@0	21.19	12.68	0.019	7	Pass
3_10MHz_Middle_QPSK_25@12	20.73	12.22	0.017	7	Pass
3_10MHz_Middle_QPSK_25@25	20.64	12.13	0.016	7	Pass
3_10MHz_Middle_QPSK_50@0	21.27	12.76	0.019	7	Pass
3_10MHz_Middle_16QAM_1@0	22.56	14.05	0.025	7	Pass
3_10MHz_Middle_16QAM_1@25	21.92	13.41	0.022	7	Pass
3_10MHz_Middle_16QAM_1@49	21.78	13.27	0.021	7	Pass
3_10MHz_Middle_16QAM_25@0	19.83	11.32	0.014	7	Pass
3_10MHz_Middle_16QAM_25@12	19.92	11.41	0.014	7	Pass
3_10MHz_Middle_16QAM_25@25	20.18	11.67	0.015	7	Pass
3_10MHz_Middle_16QAM_50@0	20.52	12.01	0.016	7	Pass

Note:

ERP = Average Conducted Power(dBm) + Antenna Gain(dBd) - Cable Loss(dB)

Antenna Gain(dBd) = Antenna Gain(dBi) - 2.15

band 26_3:

1. Use Main antenna to calculate maximum ERP, Antenna Gain = -6.36dBi;

2.Cable Loss = 0dB.

FCC Part 22H

B5 , Normal

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
1.4MHz_Low_QPSK_1@0	22.23	13.72	0.024	7	Pass
1.4MHz_Low_QPSK_1@3	21.56	13.05	0.020	7	Pass
1.4MHz_Low_QPSK_1@5	22.08	13.57	0.023	7	Pass
1.4MHz_Low_QPSK_3@0	21.72	13.21	0.021	7	Pass
1.4MHz_Low_QPSK_3@1	22.28	13.77	0.024	7	Pass
1.4MHz_Low_QPSK_3@3	21.69	13.18	0.021	7	Pass
1.4MHz_Low_QPSK_6@0	20.63	12.12	0.016	7	Pass
1.4MHz_Low_16QAM_1@0	21.91	13.40	0.022	7	Pass
1.4MHz_Low_16QAM_1@3	21.99	13.48	0.022	7	Pass
1.4MHz_Low_16QAM_1@5	22.31	13.80	0.024	7	Pass
1.4MHz_Low_16QAM_3@0	20.46	11.95	0.016	7	Pass
1.4MHz_Low_16QAM_3@1	21.16	12.65	0.018	7	Pass
1.4MHz_Low_16QAM_3@3	20.73	12.22	0.017	7	Pass
1.4MHz_Low_16QAM_6@0	19.25	10.74	0.012	7	Pass
1.4MHz_Middle_QPSK_1@0	21.17	12.66	0.018	7	Pass
1.4MHz_Middle_QPSK_1@3	21.19	12.68	0.019	7	Pass
1.4MHz_Middle_QPSK_1@5	21.96	13.45	0.022	7	Pass
1.4MHz_Middle_QPSK_3@0	21.17	12.66	0.018	7	Pass
1.4MHz_Middle_QPSK_3@1	21.73	13.22	0.021	7	Pass
1.4MHz_Middle_QPSK_3@3	22.11	13.60	0.023	7	Pass
1.4MHz_Middle_QPSK_6@0	21.00	12.49	0.018	7	Pass
1.4MHz_Middle_16QAM_1@0	21.34	12.83	0.019	7	Pass
1.4MHz_Middle_16QAM_1@3	21.81	13.30	0.021	7	Pass
1.4MHz_Middle_16QAM_1@5	21.97	13.46	0.022	7	Pass
1.4MHz_Middle_16QAM_3@0	20.94	12.43	0.017	7	Pass
1.4MHz_Middle_16QAM_3@1	20.58	12.07	0.016	7	Pass
1.4MHz_Middle_16QAM_3@3	20.72	12.21	0.017	7	Pass
1.4MHz_Middle_16QAM_6@0	20.17	11.66	0.015	7	Pass
1.4MHz_High_QPSK_1@0	21.24	12.73	0.019	7	Pass
1.4MHz_High_QPSK_1@3	21.25	12.74	0.019	7	Pass

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
1.4MHz_High_QPSK_1@5	21.34	12.83	0.019	7	Pass
1.4MHz_High_QPSK_3@0	21.63	13.12	0.021	7	Pass
1.4MHz_High_QPSK_3@1	21.36	12.85	0.019	7	Pass
1.4MHz_High_QPSK_3@3	21.69	13.18	0.021	7	Pass
1.4MHz_High_QPSK_6@0	20.10	11.59	0.014	7	Pass
1.4MHz_High_16QAM_1@0	21.79	13.28	0.021	7	Pass
1.4MHz_High_16QAM_1@3	21.43	12.92	0.020	7	Pass
1.4MHz_High_16QAM_1@5	22.17	13.66	0.023	7	Pass
1.4MHz_High_16QAM_3@0	20.74	12.23	0.017	7	Pass
1.4MHz_High_16QAM_3@1	20.69	12.18	0.017	7	Pass
1.4MHz_High_16QAM_3@3	19.85	11.34	0.014	7	Pass
1.4MHz_High_16QAM_6@0	19.21	10.70	0.012	7	Pass

Note:

ERP = Average Conducted Power(dBm) + Antenna Gain(dBd) - Cable Loss(dB)

Antenna Gain(dBd) = Antenna Gain(dBi) - 2.15

band 5:

1. Use Main antenna to calculate maximum ERP, Antenna Gain = -6.36dBi;

2.Cable Loss = 0dB.

B26_2 , Normal

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
2_15MHz_Low_QPSK_1@0	21.79	13.28	0.021	7	Pass
2_15MHz_Low_QPSK_1@37	21.62	13.11	0.020	7	Pass
2_15MHz_Low_QPSK_1@74	22.00	13.49	0.022	7	Pass
2_15MHz_Low_QPSK_36@0	21.17	12.66	0.018	7	Pass
2_15MHz_Low_QPSK_36@20	21.15	12.64	0.018	7	Pass
2_15MHz_Low_QPSK_36@39	20.75	12.24	0.017	7	Pass
2_15MHz_Low_QPSK_75@0	21.29	12.78	0.019	7	Pass
2_15MHz_Low_16QAM_1@0	23.21	14.70	0.030	7	Pass
2_15MHz_Low_16QAM_1@37	22.48	13.97	0.025	7	Pass
2_15MHz_Low_16QAM_1@74	22.73	14.22	0.026	7	Pass
2_15MHz_Low_16QAM_36@0	20.26	11.75	0.015	7	Pass
2_15MHz_Low_16QAM_36@20	19.94	11.43	0.014	7	Pass
2_15MHz_Low_16QAM_36@39	19.65	11.14	0.013	7	Pass
2_15MHz_Low_16QAM_75@0	20.06	11.55	0.014	7	Pass
2_15MHz_Middle_QPSK_1@0	22.36	13.85	0.024	7	Pass
2_15MHz_Middle_QPSK_1@37	22.01	13.50	0.022	7	Pass
2_15MHz_Middle_QPSK_1@74	21.64	13.13	0.021	7	Pass
2_15MHz_Middle_QPSK_36@0	20.45	11.94	0.016	7	Pass
2_15MHz_Middle_QPSK_36@20	20.35	11.84	0.015	7	Pass
2_15MHz_Middle_QPSK_36@39	21.00	12.49	0.018	7	Pass
2_15MHz_Middle_QPSK_75@0	20.33	11.82	0.015	7	Pass
2_15MHz_Middle_16QAM_1@0	21.78	13.27	0.021	7	Pass
2_15MHz_Middle_16QAM_1@37	21.33	12.82	0.019	7	Pass
2_15MHz_Middle_16QAM_1@74	21.46	12.95	0.020	7	Pass
2_15MHz_Middle_16QAM_36@0	20.15	11.64	0.015	7	Pass
2_15MHz_Middle_16QAM_36@20	20.19	11.68	0.015	7	Pass
2_15MHz_Middle_16QAM_36@39	20.12	11.61	0.014	7	Pass
2_15MHz_Middle_16QAM_75@0	19.67	11.16	0.013	7	Pass
2_15MHz_High_QPSK_1@0	21.47	12.96	0.020	7	Pass
2_15MHz_High_QPSK_1@37	21.66	13.15	0.021	7	Pass
2_15MHz_High_QPSK_1@74	22.57	14.06	0.025	7	Pass
2_15MHz_High_QPSK_36@0	20.95	12.44	0.018	7	Pass
2_15MHz_High_QPSK_36@20	20.30	11.79	0.015	7	Pass
2_15MHz_High_QPSK_36@39	20.96	12.45	0.018	7	Pass
2_15MHz_High_QPSK_75@0	20.96	12.45	0.018	7	Pass

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
2_15MHz_High_16QAM_1@0	21.62	13.11	0.020	7	Pass
2_15MHz_High_16QAM_1@37	22.46	13.95	0.025	7	Pass
2_15MHz_High_16QAM_1@74	22.47	13.96	0.025	7	Pass
2_15MHz_High_16QAM_36@0	20.41	11.90	0.015	7	Pass
2_15MHz_High_16QAM_36@20	20.16	11.65	0.015	7	Pass
2_15MHz_High_16QAM_36@39	20.13	11.62	0.015	7	Pass
2_15MHz_High_16QAM_75@0	20.09	11.58	0.014	7	Pass

Note:

ERP = Average Conducted Power(dBm) + Antenna Gain(dBd) - Cable Loss(dB)

Antenna Gain(dBd) = Antenna Gain(dBi) - 2.15

band 26_2:

1. Use Main antenna to calculate maximum ERP, Antenna Gain = -6.36dBi;

2.Cable Loss = 0dB.

FCC Part 24E

B2 , Normal

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
15MHz_Low_QPSK_1@0	21.40	18.92	0.078	2	Pass
15MHz_Low_QPSK_1@37	20.75	18.27	0.067	2	Pass
15MHz_Low_QPSK_1@74	20.58	18.10	0.065	2	Pass
15MHz_Low_QPSK_36@0	19.90	17.42	0.055	2	Pass
15MHz_Low_QPSK_36@20	20.02	17.54	0.057	2	Pass
15MHz_Low_QPSK_36@39	19.56	17.08	0.051	2	Pass
15MHz_Low_QPSK_75@0	20.17	17.69	0.059	2	Pass
15MHz_Low_16QAM_1@0	20.74	18.26	0.067	2	Pass
15MHz_Low_16QAM_1@37	20.38	17.90	0.062	2	Pass
15MHz_Low_16QAM_1@74	20.66	18.18	0.066	2	Pass
15MHz_Low_16QAM_36@0	18.63	16.15	0.041	2	Pass
15MHz_Low_16QAM_36@20	18.59	16.11	0.041	2	Pass
15MHz_Low_16QAM_36@39	18.80	16.32	0.043	2	Pass
15MHz_Low_16QAM_75@0	19.30	16.82	0.048	2	Pass
15MHz_Middle_QPSK_1@0	20.45	17.97	0.063	2	Pass
15MHz_Middle_QPSK_1@37	21.04	18.56	0.072	2	Pass
15MHz_Middle_QPSK_1@74	20.36	17.88	0.061	2	Pass
15MHz_Middle_QPSK_36@0	20.08	17.60	0.058	2	Pass
15MHz_Middle_QPSK_36@20	19.78	17.30	0.054	2	Pass
15MHz_Middle_QPSK_36@39	19.36	16.88	0.049	2	Pass
15MHz_Middle_QPSK_75@0	20.11	17.63	0.058	2	Pass
15MHz_Middle_16QAM_1@0	21.53	19.05	0.080	2	Pass
15MHz_Middle_16QAM_1@37	21.14	18.66	0.073	2	Pass
15MHz_Middle_16QAM_1@74	21.38	18.90	0.078	2	Pass
15MHz_Middle_16QAM_36@0	18.43	15.95	0.039	2	Pass
15MHz_Middle_16QAM_36@20	18.99	16.51	0.045	2	Pass
15MHz_Middle_16QAM_36@39	18.56	16.08	0.041	2	Pass
15MHz_Middle_16QAM_75@0	18.82	16.34	0.043	2	Pass
15MHz_High_QPSK_1@0	21.03	18.55	0.072	2	Pass
15MHz_High_QPSK_1@37	20.70	18.22	0.066	2	Pass
15MHz_High_QPSK_1@74	20.51	18.03	0.064	2	Pass
15MHz_High_QPSK_36@0	20.06	17.58	0.057	2	Pass
15MHz_High_QPSK_36@20	19.80	17.32	0.054	2	Pass
15MHz_High_QPSK_36@39	19.48	17.00	0.050	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
15MHz_High_QPSK_75@0	19.30	16.82	0.048	2	Pass
15MHz_High_16QAM_1@0	21.04	18.56	0.072	2	Pass
15MHz_High_16QAM_1@37	20.93	18.45	0.070	2	Pass
15MHz_High_16QAM_1@74	21.22	18.74	0.075	2	Pass
15MHz_High_16QAM_36@0	18.12	15.64	0.037	2	Pass
15MHz_High_16QAM_36@20	19.04	16.56	0.045	2	Pass
15MHz_High_16QAM_36@39	18.93	16.45	0.044	2	Pass
15MHz_High_16QAM_75@0	18.54	16.06	0.040	2	Pass

Note:

EIRP = Average Conducted Power(dBm) + Antenna Gain(dBi) - Cable Loss(dB)

band 2:

1. Use Main antenna to calculate maximum EIRP, Antenna Gain = -2.48dBi;

2.Cable Loss = 0dB.

FCC Part 27

B4 , Normal

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
15MHz_Low_QPSK_1@0	20.42	18.93	0.078	1	Pass
15MHz_Low_QPSK_1@37	21.36	19.87	0.097	1	Pass
15MHz_Low_QPSK_1@74	20.70	19.21	0.083	1	Pass
15MHz_Low_QPSK_36@0	19.53	18.04	0.064	1	Pass
15MHz_Low_QPSK_36@20	19.42	17.93	0.062	1	Pass
15MHz_Low_QPSK_36@39	19.98	18.49	0.071	1	Pass
15MHz_Low_QPSK_75@0	20.08	18.59	0.072	1	Pass
15MHz_Low_16QAM_1@0	21.63	20.14	0.103	1	Pass
15MHz_Low_16QAM_1@37	21.66	20.17	0.104	1	Pass
15MHz_Low_16QAM_1@74	20.98	19.49	0.089	1	Pass
15MHz_Low_16QAM_36@0	18.45	16.96	0.050	1	Pass
15MHz_Low_16QAM_36@20	19.01	17.52	0.056	1	Pass
15MHz_Low_16QAM_36@39	18.78	17.29	0.054	1	Pass
15MHz_Low_16QAM_75@0	19.15	17.66	0.058	1	Pass
15MHz_Middle_QPSK_1@0	21.31	19.82	0.096	1	Pass
15MHz_Middle_QPSK_1@37	20.81	19.32	0.086	1	Pass
15MHz_Middle_QPSK_1@74	21.40	19.91	0.098	1	Pass
15MHz_Middle_QPSK_36@0	19.87	18.38	0.069	1	Pass
15MHz_Middle_QPSK_36@20	20.11	18.62	0.073	1	Pass
15MHz_Middle_QPSK_36@39	20.25	18.76	0.075	1	Pass
15MHz_Middle_QPSK_75@0	19.50	18.01	0.063	1	Pass
15MHz_Middle_16QAM_1@0	21.66	20.17	0.104	1	Pass
15MHz_Middle_16QAM_1@37	22.05	20.56	0.114	1	Pass
15MHz_Middle_16QAM_1@74	21.33	19.84	0.096	1	Pass
15MHz_Middle_16QAM_36@0	19.28	17.79	0.060	1	Pass
15MHz_Middle_16QAM_36@20	19.10	17.61	0.058	1	Pass
15MHz_Middle_16QAM_36@39	19.22	17.73	0.059	1	Pass
15MHz_Middle_16QAM_75@0	19.30	17.81	0.060	1	Pass
15MHz_High_QPSK_1@0	20.75	19.26	0.084	1	Pass
15MHz_High_QPSK_1@37	20.68	19.19	0.083	1	Pass
15MHz_High_QPSK_1@74	20.62	19.13	0.082	1	Pass
15MHz_High_QPSK_36@0	20.22	18.73	0.075	1	Pass
15MHz_High_QPSK_36@20	20.24	18.75	0.075	1	Pass
15MHz_High_QPSK_36@39	19.29	17.80	0.060	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
15MHz_High_QPSK_75@0	20.06	18.57	0.072	1	Pass
15MHz_High_16QAM_1@0	21.62	20.13	0.103	1	Pass
15MHz_High_16QAM_1@37	21.18	19.69	0.093	1	Pass
15MHz_High_16QAM_1@74	21.19	19.70	0.093	1	Pass
15MHz_High_16QAM_36@0	19.01	17.52	0.056	1	Pass
15MHz_High_16QAM_36@20	19.02	17.53	0.057	1	Pass
15MHz_High_16QAM_36@39	18.39	16.90	0.049	1	Pass
15MHz_High_16QAM_75@0	18.92	17.43	0.055	1	Pass

Note:

EIRP = Average Conducted Power(dBm) + Antenna Gain(dBi) - Cable Loss(dB)

band 4:

1. Use Div antenna to calculate maximum EIRP, Antenna Gain = -0.69dBi;

2.Cable Loss = 0.8dB.

B7 , Normal

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_Low_QPSK_1@0	20.83	17.89	0.062	2	Pass
5MHz_Low_QPSK_1@12	20.30	17.36	0.054	2	Pass
5MHz_Low_QPSK_1@24	21.45	18.51	0.071	2	Pass
5MHz_Low_QPSK_12@0	19.23	16.29	0.043	2	Pass
5MHz_Low_QPSK_12@7	19.18	16.24	0.042	2	Pass
5MHz_Low_QPSK_12@13	19.60	16.66	0.046	2	Pass
5MHz_Low_QPSK_25@0	19.85	16.91	0.049	2	Pass
5MHz_Low_16QAM_1@0	19.24	16.30	0.043	2	Pass
5MHz_Low_16QAM_1@12	19.74	16.80	0.048	2	Pass
5MHz_Low_16QAM_1@24	19.92	16.98	0.050	2	Pass
5MHz_Low_16QAM_12@0	18.75	15.81	0.038	2	Pass
5MHz_Low_16QAM_12@7	18.23	15.29	0.034	2	Pass
5MHz_Low_16QAM_12@13	18.99	16.05	0.040	2	Pass
5MHz_Low_16QAM_25@0	18.81	15.87	0.039	2	Pass
5MHz_Middle_QPSK_1@0	20.26	17.32	0.054	2	Pass
5MHz_Middle_QPSK_1@12	20.27	17.33	0.054	2	Pass
5MHz_Middle_QPSK_1@24	20.75	17.81	0.060	2	Pass
5MHz_Middle_QPSK_12@0	19.61	16.67	0.046	2	Pass
5MHz_Middle_QPSK_12@7	19.71	16.77	0.048	2	Pass
5MHz_Middle_QPSK_12@13	19.89	16.95	0.050	2	Pass
5MHz_Middle_QPSK_25@0	19.20	16.26	0.042	2	Pass
5MHz_Middle_16QAM_1@0	19.48	16.54	0.045	2	Pass
5MHz_Middle_16QAM_1@12	20.29	17.35	0.054	2	Pass
5MHz_Middle_16QAM_1@24	19.72	16.78	0.048	2	Pass
5MHz_Middle_16QAM_12@0	18.61	15.67	0.037	2	Pass
5MHz_Middle_16QAM_12@7	19.06	16.12	0.041	2	Pass
5MHz_Middle_16QAM_12@13	18.54	15.60	0.036	2	Pass
5MHz_Middle_16QAM_25@0	18.12	15.18	0.033	2	Pass
5MHz_High_QPSK_1@0	20.80	17.86	0.061	2	Pass
5MHz_High_QPSK_1@12	20.71	17.77	0.060	2	Pass
5MHz_High_QPSK_1@24	19.98	17.04	0.051	2	Pass
5MHz_High_QPSK_12@0	19.69	16.75	0.047	2	Pass
5MHz_High_QPSK_12@7	19.80	16.86	0.049	2	Pass
5MHz_High_QPSK_12@13	19.29	16.35	0.043	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_High_QPSK_25@0	19.66	16.72	0.047	2	Pass
5MHz_High_16QAM_1@0	19.40	16.46	0.044	2	Pass
5MHz_High_16QAM_1@12	19.30	16.36	0.043	2	Pass
5MHz_High_16QAM_1@24	19.79	16.85	0.048	2	Pass
5MHz_High_16QAM_12@0	18.76	15.82	0.038	2	Pass
5MHz_High_16QAM_12@7	18.23	15.29	0.034	2	Pass
5MHz_High_16QAM_12@13	18.35	15.41	0.035	2	Pass
5MHz_High_16QAM_25@0	18.86	15.92	0.039	2	Pass

Note:

EIRP = Average Conducted Power(dBm) + Antenna Gain(dBi) - Cable Loss(dB)

band 7:

1. Use Main antenna to calculate maximum EIRP, Antenna Gain = -2.94dBi;

2.Cable Loss = 0dB.

B12 , Normal

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
1.4MHz_Low_QPSK_1@0	21.54	12.83	0.019	3	Pass
1.4MHz_Low_QPSK_1@3	22.39	13.68	0.023	3	Pass
1.4MHz_Low_QPSK_1@5	22.16	13.45	0.022	3	Pass
1.4MHz_Low_QPSK_3@0	21.53	12.82	0.019	3	Pass
1.4MHz_Low_QPSK_3@1	22.07	13.36	0.022	3	Pass
1.4MHz_Low_QPSK_3@3	21.90	13.19	0.021	3	Pass
1.4MHz_Low_QPSK_6@0	20.54	11.83	0.015	3	Pass
1.4MHz_Low_16QAM_1@0	22.77	14.06	0.025	3	Pass
1.4MHz_Low_16QAM_1@3	22.75	14.04	0.025	3	Pass
1.4MHz_Low_16QAM_1@5	22.70	13.99	0.025	3	Pass
1.4MHz_Low_16QAM_3@0	20.96	12.25	0.017	3	Pass
1.4MHz_Low_16QAM_3@1	20.54	11.83	0.015	3	Pass
1.4MHz_Low_16QAM_3@3	21.44	12.73	0.019	3	Pass
1.4MHz_Low_16QAM_6@0	20.09	11.38	0.014	3	Pass
1.4MHz_Middle_QPSK_1@0	22.24	13.53	0.023	3	Pass
1.4MHz_Middle_QPSK_1@3	21.56	12.85	0.019	3	Pass
1.4MHz_Middle_QPSK_1@5	21.87	13.16	0.021	3	Pass
1.4MHz_Middle_QPSK_3@0	21.60	12.89	0.019	3	Pass
1.4MHz_Middle_QPSK_3@1	21.44	12.73	0.019	3	Pass
1.4MHz_Middle_QPSK_3@3	21.79	13.08	0.020	3	Pass
1.4MHz_Middle_QPSK_6@0	20.61	11.90	0.015	3	Pass
1.4MHz_Middle_16QAM_1@0	21.10	12.39	0.017	3	Pass
1.4MHz_Middle_16QAM_1@3	22.04	13.33	0.022	3	Pass
1.4MHz_Middle_16QAM_1@5	21.17	12.46	0.018	3	Pass
1.4MHz_Middle_16QAM_3@0	20.55	11.84	0.015	3	Pass
1.4MHz_Middle_16QAM_3@1	21.06	12.35	0.017	3	Pass
1.4MHz_Middle_16QAM_3@3	20.93	12.22	0.017	3	Pass
1.4MHz_Middle_16QAM_6@0	20.17	11.46	0.014	3	Pass
1.4MHz_High_QPSK_1@0	21.96	13.25	0.021	3	Pass
1.4MHz_High_QPSK_1@3	22.28	13.57	0.023	3	Pass
1.4MHz_High_QPSK_1@5	21.95	13.24	0.021	3	Pass
1.4MHz_High_QPSK_3@0	21.36	12.65	0.018	3	Pass
1.4MHz_High_QPSK_3@1	21.73	13.02	0.020	3	Pass

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
1.4MHz_High_QPSK_3@3	22.10	13.39	0.022	3	Pass
1.4MHz_High_QPSK_6@0	20.98	12.27	0.017	3	Pass
1.4MHz_High_16QAM_1@0	21.96	13.25	0.021	3	Pass
1.4MHz_High_16QAM_1@3	22.44	13.73	0.024	3	Pass
1.4MHz_High_16QAM_1@5	21.69	12.98	0.020	3	Pass
1.4MHz_High_16QAM_3@0	20.77	12.06	0.016	3	Pass
1.4MHz_High_16QAM_3@1	20.37	11.66	0.015	3	Pass
1.4MHz_High_16QAM_3@3	20.45	11.74	0.015	3	Pass
1.4MHz_High_16QAM_6@0	20.03	11.32	0.014	3	Pass

Note:

ERP = Average Conducted Power(dBm) + Antenna Gain(dBd) - Cable Loss(dB)

Antenna Gain(dBd) = Antenna Gain(dBi) - 2.15

band 12:

1. Use Div antenna to calculate maximum ERP, Antenna Gain = -6.06dBi;

2.Cable Loss = 0.5dB.

B17 , Normal

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
10MHz_Low_QPSK_1@0	21.78	13.07	0.019	3	Pass
10MHz_Low_QPSK_1@25	21.62	12.91	0.019	3	Pass
10MHz_Low_QPSK_1@49	21.67	12.96	0.016	3	Pass
10MHz_Low_QPSK_25@0	20.39	11.68	0.016	3	Pass
10MHz_Low_QPSK_25@12	20.73	12.02	0.018	3	Pass
10MHz_Low_QPSK_25@25	20.79	12.08	0.012	3	Pass
10MHz_Low_QPSK_50@0	20.81	12.10	0.012	3	Pass
10MHz_Low_16QAM_1@0	21.84	13.13	0.018	3	Pass
10MHz_Low_16QAM_1@25	22.41	13.70	0.019	3	Pass
10MHz_Low_16QAM_1@49	21.98	13.27	0.016	3	Pass
10MHz_Low_16QAM_25@0	20.80	12.09	0.013	3	Pass
10MHz_Low_16QAM_25@12	20.43	11.72	0.014	3	Pass
10MHz_Low_16QAM_25@25	19.88	11.17	0.011	3	Pass
10MHz_Low_16QAM_50@0	19.49	10.78	0.012	3	Pass
10MHz_Middle_QPSK_1@0	21.71	13.00	0.019	3	Pass
10MHz_Middle_QPSK_1@25	22.25	13.54	0.021	3	Pass
10MHz_Middle_QPSK_1@49	21.59	12.88	0.023	3	Pass
10MHz_Middle_QPSK_25@0	21.07	12.36	0.015	3	Pass
10MHz_Middle_QPSK_25@12	21.14	12.43	0.015	3	Pass
10MHz_Middle_QPSK_25@25	21.10	12.39	0.017	3	Pass
10MHz_Middle_QPSK_50@0	21.03	12.32	0.013	3	Pass
10MHz_Middle_16QAM_1@0	22.68	13.97	0.016	3	Pass
10MHz_Middle_16QAM_1@25	22.69	13.98	0.023	3	Pass
10MHz_Middle_16QAM_1@49	22.66	13.95	0.016	3	Pass
10MHz_Middle_16QAM_25@0	20.26	11.55	0.010	3	Pass
10MHz_Middle_16QAM_25@12	20.19	11.48	0.011	3	Pass
10MHz_Middle_16QAM_25@25	20.68	11.97	0.016	3	Pass
10MHz_Middle_16QAM_50@0	19.70	10.99	0.010	3	Pass
10MHz_High_QPSK_1@0	22.38	13.67	0.023	3	Pass
10MHz_High_QPSK_1@25	22.11	13.40	0.017	3	Pass
10MHz_High_QPSK_1@49	22.24	13.53	0.016	3	Pass
10MHz_High_QPSK_25@0	20.77	12.06	0.018	3	Pass
10MHz_High_QPSK_25@12	20.69	11.98	0.014	3	Pass
10MHz_High_QPSK_25@25	20.50	11.79	0.018	3	Pass

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
10MHz_High_QPSK_50@0	21.38	12.67	0.018	3	Pass
10MHz_High_16QAM_1@0	22.22	13.51	0.022	3	Pass
10MHz_High_16QAM_1@25	22.19	13.48	0.022	3	Pass
10MHz_High_16QAM_1@49	22.61	13.90	0.025	3	Pass
10MHz_High_16QAM_25@0	19.69	10.98	0.013	3	Pass
10MHz_High_16QAM_25@12	20.06	11.35	0.014	3	Pass
10MHz_High_16QAM_25@25	19.64	10.93	0.012	3	Pass
10MHz_High_16QAM_50@0	19.50	10.79	0.012	3	Pass

Note:

ERP = Average Conducted Power(dBm) + Antenna Gain(dBd) - Cable Loss(dB)

Antenna Gain(dBd) = Antenna Gain(dBi) - 2.15

band 17:

1. Use Div antenna to calculate maximum ERP, Antenna Gain = -6.06dBi;

2.Cable Loss = 0.5dB.

B38 , Normal

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_Low_QPSK_1@0	21.56	19.30	0.085	2	Pass
10MHz_Low_QPSK_1@25	21.10	18.84	0.077	2	Pass
10MHz_Low_QPSK_1@49	21.34	19.08	0.081	2	Pass
10MHz_Low_QPSK_25@0	20.80	18.54	0.071	2	Pass
10MHz_Low_QPSK_25@12	20.64	18.38	0.069	2	Pass
10MHz_Low_QPSK_25@25	20.42	18.16	0.065	2	Pass
10MHz_Low_QPSK_50@0	20.82	18.56	0.072	2	Pass
10MHz_Low_16QAM_1@0	20.99	18.73	0.075	2	Pass
10MHz_Low_16QAM_1@25	20.49	18.23	0.067	2	Pass
10MHz_Low_16QAM_1@49	20.99	18.73	0.075	2	Pass
10MHz_Low_16QAM_25@0	18.56	16.30	0.043	2	Pass
10MHz_Low_16QAM_25@12	17.77	15.51	0.036	2	Pass
10MHz_Low_16QAM_25@25	18.16	15.90	0.039	2	Pass
10MHz_Low_16QAM_50@0	18.40	16.14	0.041	2	Pass
10MHz_Middle_QPSK_1@0	20.98	18.72	0.074	2	Pass
10MHz_Middle_QPSK_1@25	20.98	18.72	0.074	2	Pass
10MHz_Middle_QPSK_1@49	21.31	19.05	0.080	2	Pass
10MHz_Middle_QPSK_25@0	20.72	18.46	0.070	2	Pass
10MHz_Middle_QPSK_25@12	20.35	18.09	0.064	2	Pass
10MHz_Middle_QPSK_25@25	20.35	18.09	0.064	2	Pass
10MHz_Middle_QPSK_50@0	20.74	18.48	0.070	2	Pass
10MHz_Middle_16QAM_1@0	21.41	19.15	0.082	2	Pass
10MHz_Middle_16QAM_1@25	21.71	19.45	0.088	2	Pass
10MHz_Middle_16QAM_1@49	22.00	19.74	0.094	2	Pass
10MHz_Middle_16QAM_25@0	18.15	15.89	0.039	2	Pass
10MHz_Middle_16QAM_25@12	18.57	16.31	0.043	2	Pass
10MHz_Middle_16QAM_25@25	18.16	15.90	0.039	2	Pass
10MHz_Middle_16QAM_50@0	18.33	16.07	0.040	2	Pass
10MHz_High_QPSK_1@0	21.01	18.75	0.075	2	Pass
10MHz_High_QPSK_1@25	21.21	18.95	0.079	2	Pass
10MHz_High_QPSK_1@49	21.63	19.37	0.086	2	Pass
10MHz_High_QPSK_25@0	20.74	18.48	0.070	2	Pass
10MHz_High_QPSK_25@12	20.88	18.62	0.073	2	Pass
10MHz_High_QPSK_25@25	20.63	18.37	0.069	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_High_QPSK_50@0	20.63	18.37	0.069	2	Pass
10MHz_High_16QAM_1@0	20.54	18.28	0.067	2	Pass
10MHz_High_16QAM_1@25	20.19	17.93	0.062	2	Pass
10MHz_High_16QAM_1@49	20.48	18.22	0.066	2	Pass
10MHz_High_16QAM_25@0	17.85	15.59	0.036	2	Pass
10MHz_High_16QAM_25@12	18.01	15.75	0.038	2	Pass
10MHz_High_16QAM_25@25	18.71	16.45	0.044	2	Pass
10MHz_High_16QAM_50@0	18.25	15.99	0.040	2	Pass

Note:

EIRP = Average Conducted Power(dBm) + Antenna Gain(dBi) - Cable Loss(dB)

band 38:

1. Use Main antenna to calculate maximum EIRP, Antenna Gain = -2.26dBi;

2.Cable Loss = 0dB.

B66 , Normal

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
15MHz_Low_QPSK_1@0	20.39	19.02	0.080	1	Pass
15MHz_Low_QPSK_1@37	20.39	19.02	0.080	1	Pass
15MHz_Low_QPSK_1@74	20.80	19.43	0.088	1	Pass
15MHz_Low_QPSK_36@0	20.25	18.88	0.077	1	Pass
15MHz_Low_QPSK_36@20	20.11	18.74	0.075	1	Pass
15MHz_Low_QPSK_36@39	19.49	18.12	0.065	1	Pass
15MHz_Low_QPSK_75@0	19.67	18.30	0.068	1	Pass
15MHz_Low_16QAM_1@0	20.76	19.39	0.087	1	Pass
15MHz_Low_16QAM_1@37	21.33	19.96	0.099	1	Pass
15MHz_Low_16QAM_1@74	21.70	20.33	0.108	1	Pass
15MHz_Low_16QAM_36@0	18.82	17.45	0.056	1	Pass
15MHz_Low_16QAM_36@20	18.71	17.34	0.054	1	Pass
15MHz_Low_16QAM_36@39	18.28	16.91	0.049	1	Pass
15MHz_Low_16QAM_75@0	18.60	17.23	0.053	1	Pass
15MHz_Middle_QPSK_1@0	21.16	19.79	0.095	1	Pass
15MHz_Middle_QPSK_1@37	21.12	19.75	0.094	1	Pass
15MHz_Middle_QPSK_1@74	21.34	19.97	0.099	1	Pass
15MHz_Middle_QPSK_36@0	19.73	18.36	0.069	1	Pass
15MHz_Middle_QPSK_36@20	19.49	18.12	0.065	1	Pass
15MHz_Middle_QPSK_36@39	19.68	18.31	0.068	1	Pass
15MHz_Middle_QPSK_75@0	19.56	18.19	0.066	1	Pass
15MHz_Middle_16QAM_1@0	21.70	20.33	0.108	1	Pass
15MHz_Middle_16QAM_1@37	21.66	20.29	0.107	1	Pass
15MHz_Middle_16QAM_1@74	21.90	20.53	0.113	1	Pass
15MHz_Middle_16QAM_36@0	19.10	17.73	0.059	1	Pass
15MHz_Middle_16QAM_36@20	18.69	17.32	0.054	1	Pass
15MHz_Middle_16QAM_36@39	18.63	17.26	0.053	1	Pass
15MHz_Middle_16QAM_75@0	18.36	16.99	0.050	1	Pass
15MHz_High_QPSK_1@0	21.00	19.63	0.092	1	Pass
15MHz_High_QPSK_1@37	20.85	19.48	0.089	1	Pass
15MHz_High_QPSK_1@74	21.57	20.20	0.105	1	Pass
15MHz_High_QPSK_36@0	19.59	18.22	0.066	1	Pass
15MHz_High_QPSK_36@20	19.59	18.22	0.066	1	Pass
15MHz_High_QPSK_36@39	20.18	18.81	0.076	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
15MHz_High_QPSK_75@0	19.51	18.14	0.065	1	Pass
15MHz_High_16QAM_1@0	21.48	20.11	0.103	1	Pass
15MHz_High_16QAM_1@37	21.11	19.74	0.094	1	Pass
15MHz_High_16QAM_1@74	21.24	19.87	0.097	1	Pass
15MHz_High_16QAM_36@0	19.31	17.94	0.062	1	Pass
15MHz_High_16QAM_36@20	18.62	17.25	0.053	1	Pass
15MHz_High_16QAM_36@39	18.91	17.54	0.057	1	Pass
15MHz_High_16QAM_75@0	19.14	17.77	0.060	1	Pass

Note:

EIRP = Average Conducted Power(dBm) + Antenna Gain(dBi) - Cable Loss(dB)

band 66:

1. Use Div antenna to calculate maximum EIRP, Antenna Gain = -0.57dBi;

2.Cable Loss = 0.8dB.

B41_2 , Normal

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
2_10MHz_Low_QPSK_1@0	20.51	18.25	0.067	2	Pass
2_10MHz_Low_QPSK_1@25	20.49	18.23	0.067	2	Pass
2_10MHz_Low_QPSK_1@49	20.70	18.44	0.07	2	Pass
2_10MHz_Low_QPSK_25@0	20.55	18.29	0.067	2	Pass
2_10MHz_Low_QPSK_25@12	20.43	18.17	0.066	2	Pass
2_10MHz_Low_QPSK_25@25	19.83	17.57	0.057	2	Pass
2_10MHz_Low_QPSK_50@0	20.54	18.28	0.067	2	Pass
2_10MHz_Low_16QAM_1@0	21.31	19.05	0.080	2	Pass
2_10MHz_Low_16QAM_1@25	21.97	19.71	0.094	2	Pass
2_10MHz_Low_16QAM_1@49	21.78	19.52	0.090	2	Pass
2_10MHz_Low_16QAM_25@0	19.10	16.84	0.048	2	Pass
2_10MHz_Low_16QAM_25@12	18.82	16.56	0.045	2	Pass
2_10MHz_Low_16QAM_25@25	19.18	16.92	0.049	2	Pass
2_10MHz_Low_16QAM_50@0	18.52	16.26	0.042	2	Pass
2_10MHz_Middle_QPSK_1@0	20.39	18.13	0.065	2	Pass
2_10MHz_Middle_QPSK_1@25	20.58	18.32	0.068	2	Pass
2_10MHz_Middle_QPSK_1@49	21.16	18.90	0.078	2	Pass
2_10MHz_Middle_QPSK_25@0	20.08	17.82	0.061	2	Pass
2_10MHz_Middle_QPSK_25@12	20.28	18.02	0.063	2	Pass
2_10MHz_Middle_QPSK_25@25	20.53	18.27	0.067	2	Pass
2_10MHz_Middle_QPSK_50@0	19.75	17.49	0.056	2	Pass
2_10MHz_Middle_16QAM_1@0	21.51	19.25	0.084	2	Pass
2_10MHz_Middle_16QAM_1@25	21.49	19.23	0.084	2	Pass
2_10MHz_Middle_16QAM_1@49	21.49	19.23	0.084	2	Pass
2_10MHz_Middle_16QAM_25@0	18.95	16.69	0.047	2	Pass
2_10MHz_Middle_16QAM_25@12	19.02	16.76	0.047	2	Pass
2_10MHz_Middle_16QAM_25@25	18.25	15.99	0.040	2	Pass
2_10MHz_Middle_16QAM_50@0	18.56	16.30	0.043	2	Pass
2_10MHz_High_QPSK_1@0	20.78	18.52	0.071	2	Pass
2_10MHz_High_QPSK_1@25	21.05	18.79	0.076	2	Pass
2_10MHz_High_QPSK_1@49	20.87	18.61	0.073	2	Pass
2_10MHz_High_QPSK_25@0	20.19	17.93	0.062	2	Pass
2_10MHz_High_QPSK_25@12	20.30	18.04	0.064	2	Pass
2_10MHz_High_QPSK_25@25	19.73	17.47	0.056	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
2_10MHz_High_QPSK_50@0	20.20	17.94	0.062	2	Pass
2_10MHz_High_16QAM_1@0	20.59	18.33	0.068	2	Pass
2_10MHz_High_16QAM_1@25	20.56	18.30	0.068	2	Pass
2_10MHz_High_16QAM_1@49	20.11	17.85	0.061	2	Pass
2_10MHz_High_16QAM_25@0	18.86	16.60	0.046	2	Pass
2_10MHz_High_16QAM_25@12	18.86	16.60	0.046	2	Pass
2_10MHz_High_16QAM_25@25	19.09	16.83	0.048	2	Pass
2_10MHz_High_16QAM_50@0	19.17	16.91	0.049	2	Pass

Note:

EIRP = Average Conducted Power(dBm) + Antenna Gain(dBi) - Cable Loss(dB)

band 41_2:

1. Use Main antenna to calculate maximum EIRP, Antenna Gain = -2.26dBi;

2.Cable Loss = 0dB.

***** END *****