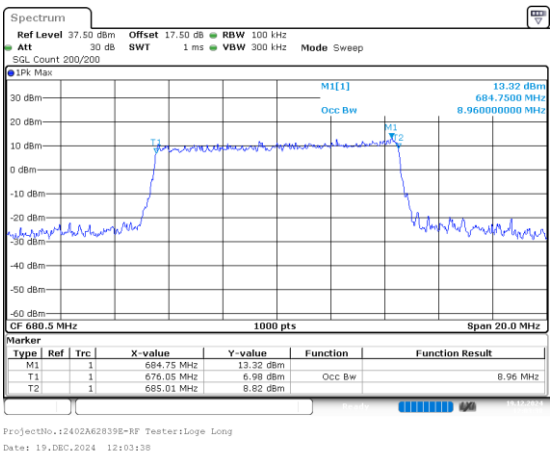
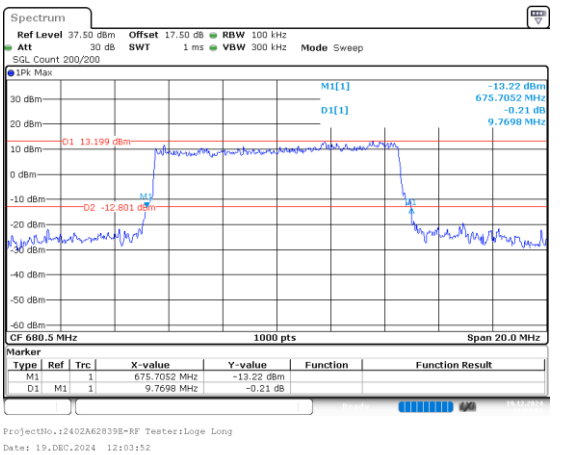
10MHz_Middle_16QAM_50@0

Occupied Bandwidth

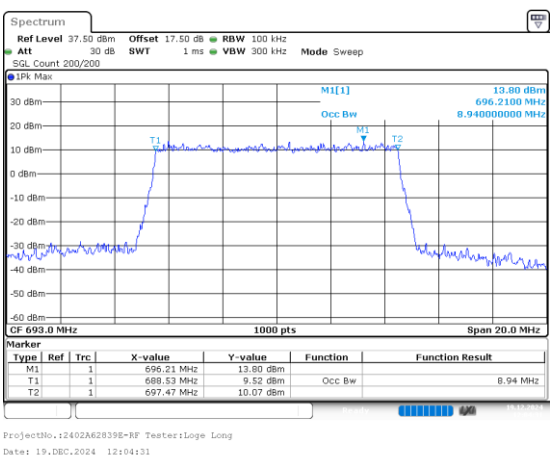


26dB Bandwidth

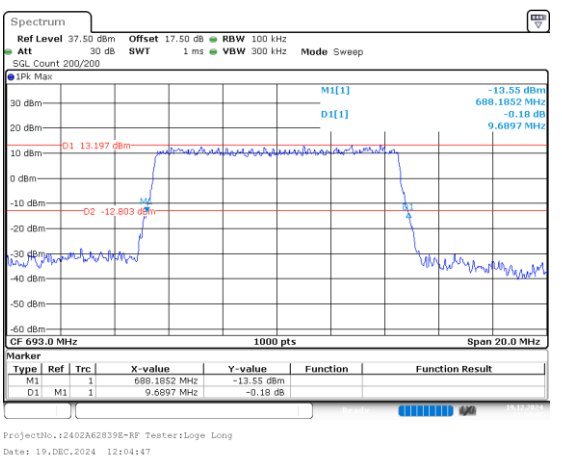


10MHz_High_QPSK_50@0

Occupied Bandwidth

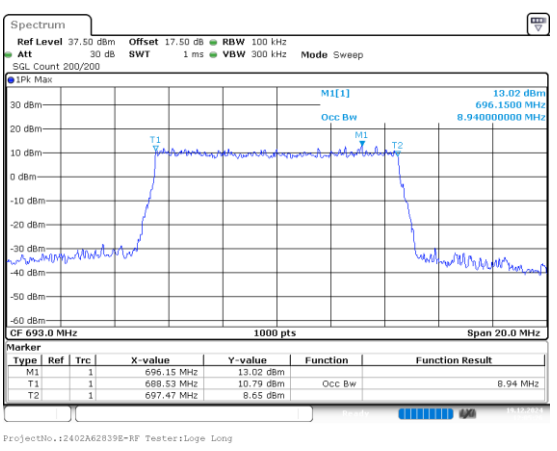


26dB Bandwidth

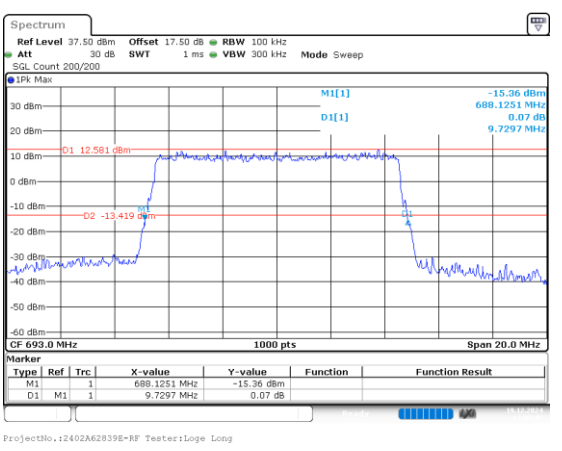


10MHz_High_16QAM_50@0

Occupied Bandwidth

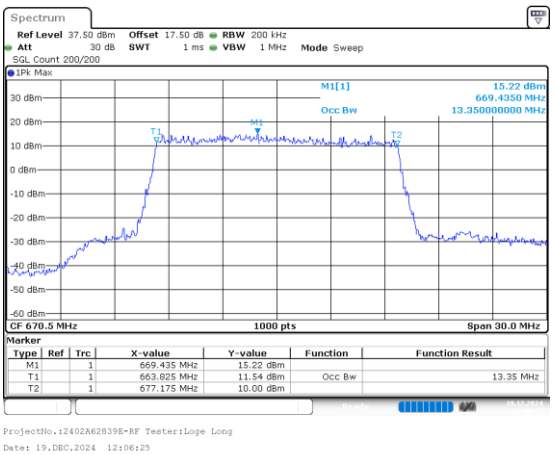


26dB Bandwidth

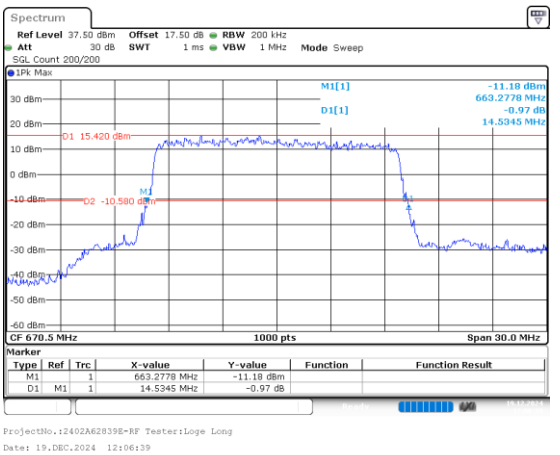


15MHz_Low_QPSK_75@0

Occupied Bandwidth

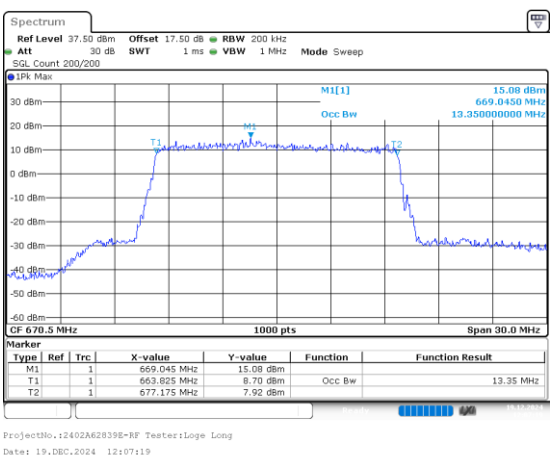


26dB Bandwidth

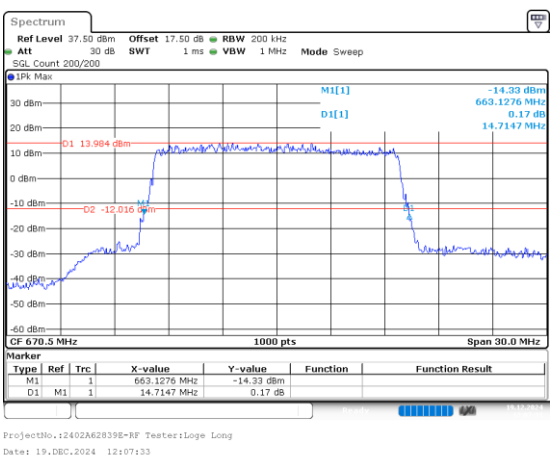


15MHz_Low_16QAM_75@0

Occupied Bandwidth

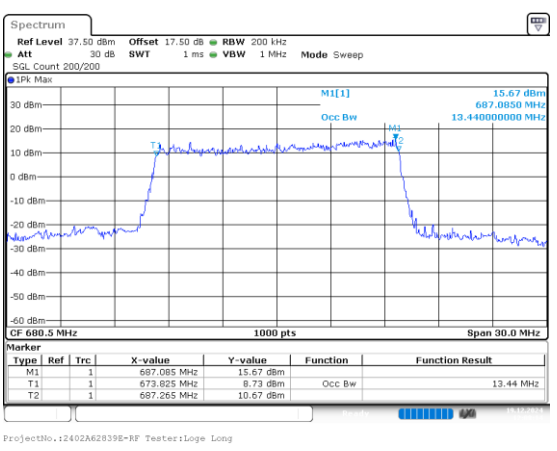


26dB Bandwidth

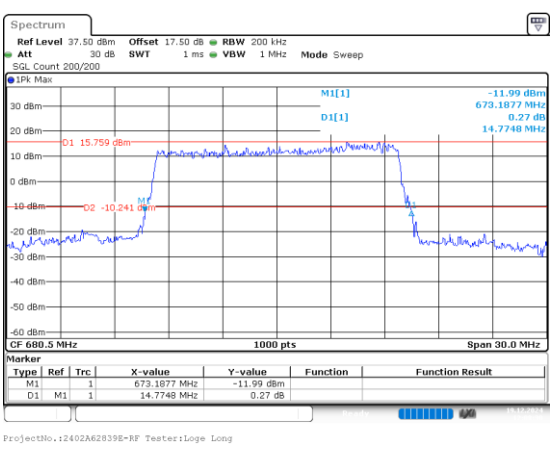


15MHz_Middle_QPSK_75@0

Occupied Bandwidth

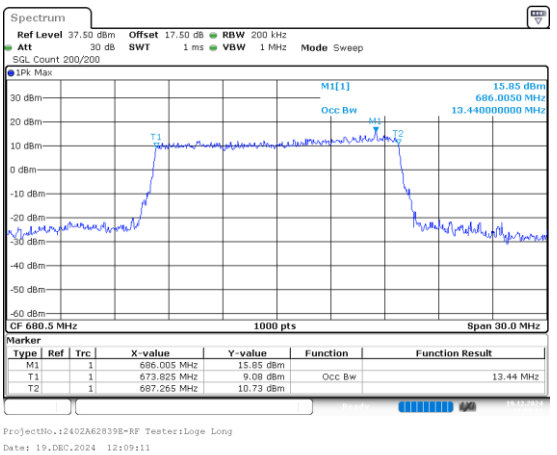


26dB Bandwidth



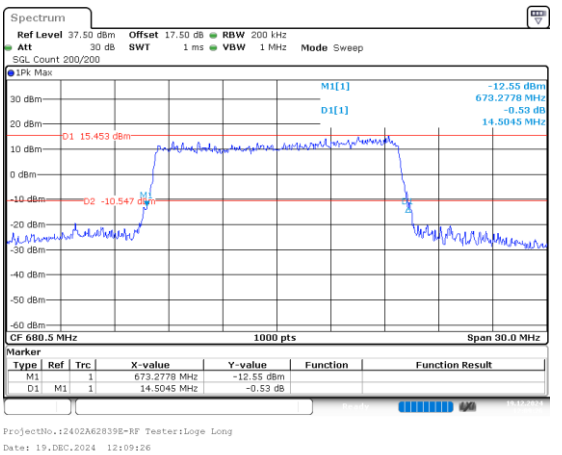
15MHz_Middle_16QAM_75@0

Occupied Bandwidth



ProjectNo.:2402A62839E-RF Tester:Loge Long
Date: 19.DEC.2024 12:09:11

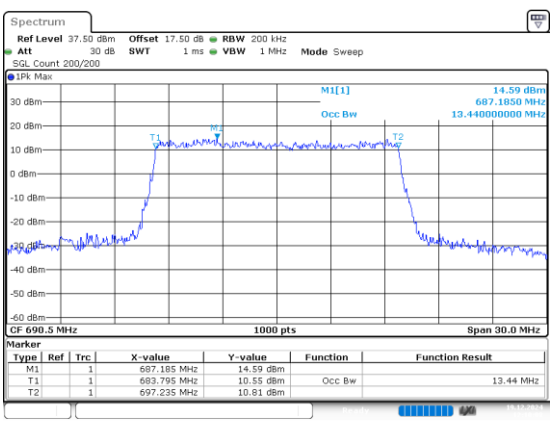
26dB Bandwidth



ProjectNo.:2402A62839E-RF Tester:Loge Long
Date: 19.DEC.2024 12:09:26

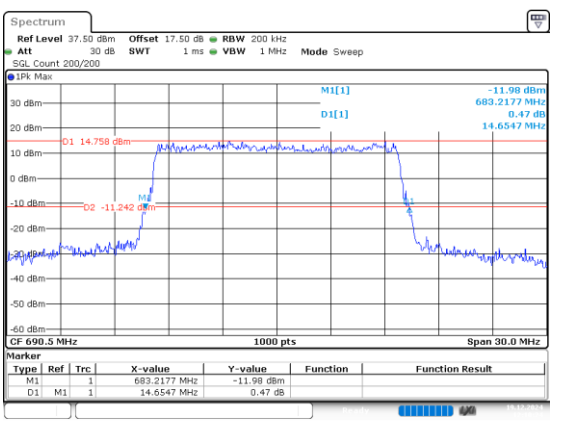
15MHz_High_QPSK_75@0

Occupied Bandwidth



ProjectNo.:2402A62839E-RF Tester:Loge Long
Date: 19.DEC.2024 12:10:08

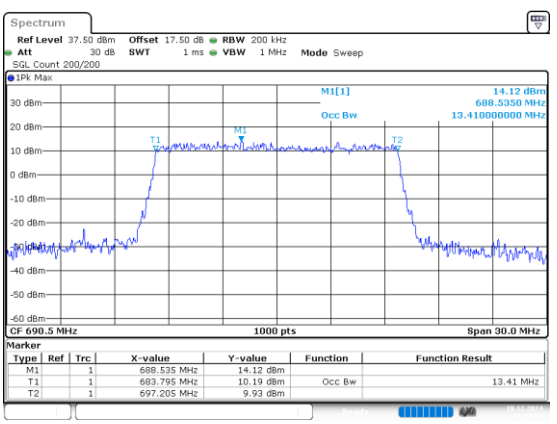
26dB Bandwidth



ProjectNo.:2402A62839E-RF Tester:Loge Long
Date: 19.DEC.2024 12:10:24

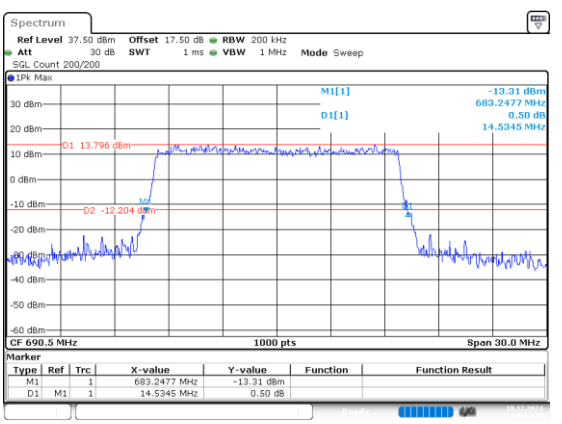
15MHz_High_16QAM_75@0

Occupied Bandwidth



ProjectNo.:2402A62839E-RF Tester:Loge Long
Date: 19.DEC.2024 12:11:07

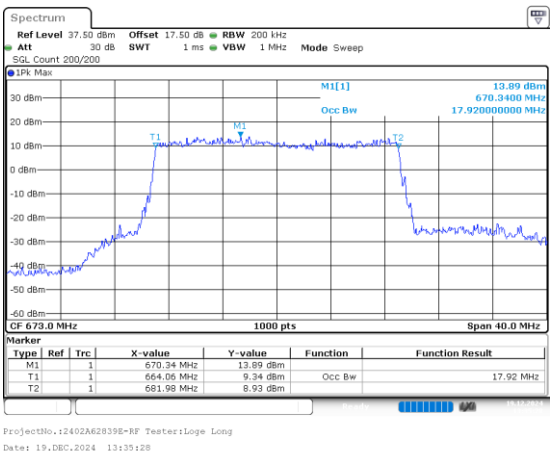
26dB Bandwidth



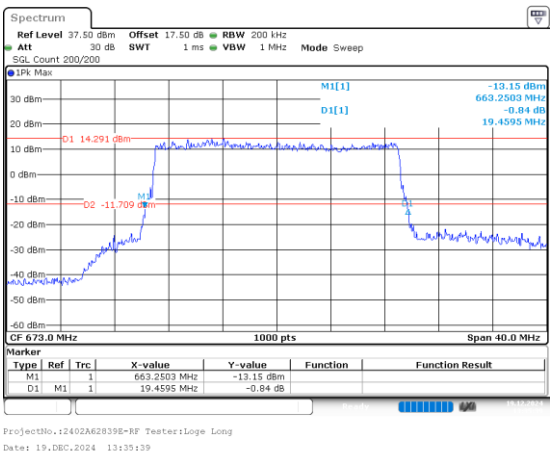
ProjectNo.:2402A62839E-RF Tester:Loge Long
Date: 19.DEC.2024 12:11:23

20MHz_Low_QPSK_100@0

Occupied Bandwidth

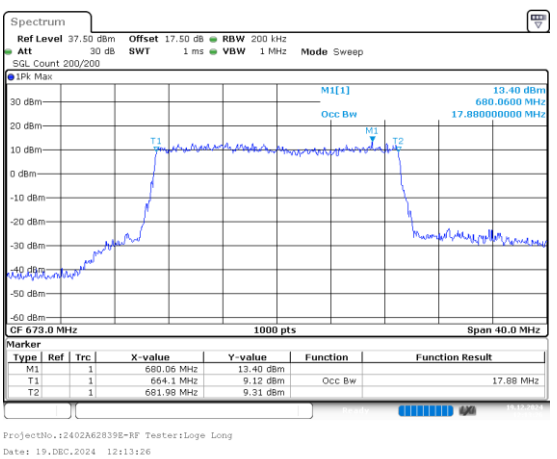


26dB Bandwidth

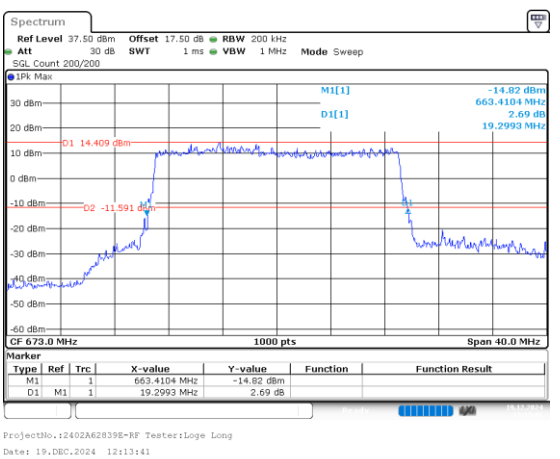


20MHz_Low_16QAM_100@0

Occupied Bandwidth

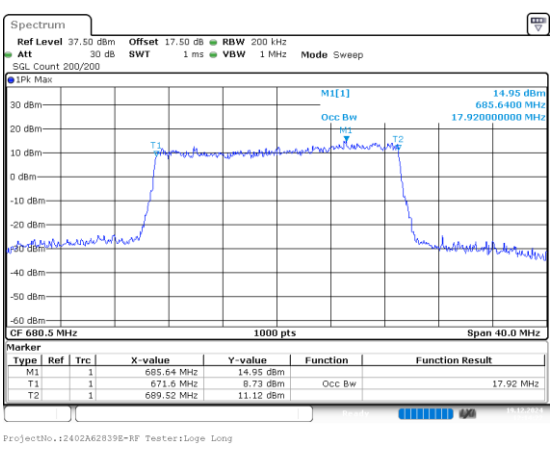


26dB Bandwidth

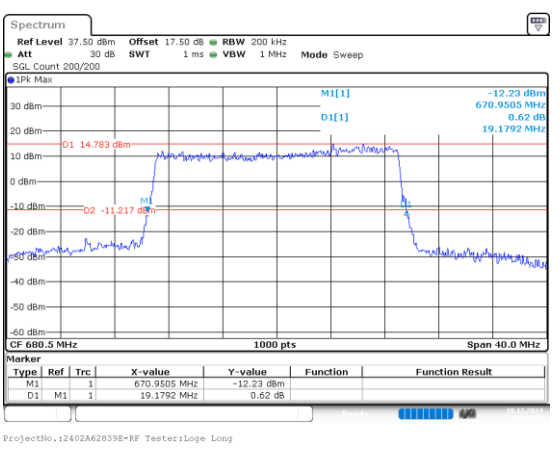


20MHz_Middle_QPSK_100@0

Occupied Bandwidth

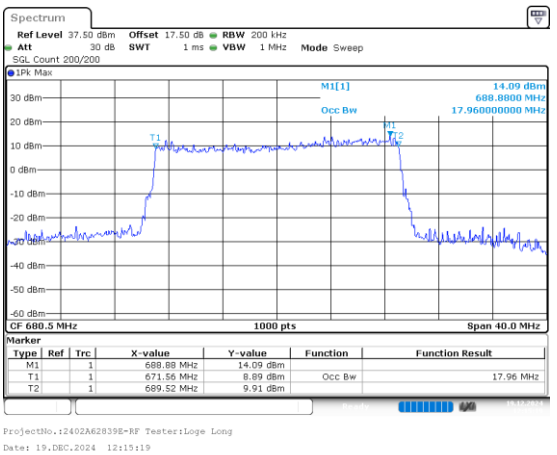


26dB Bandwidth



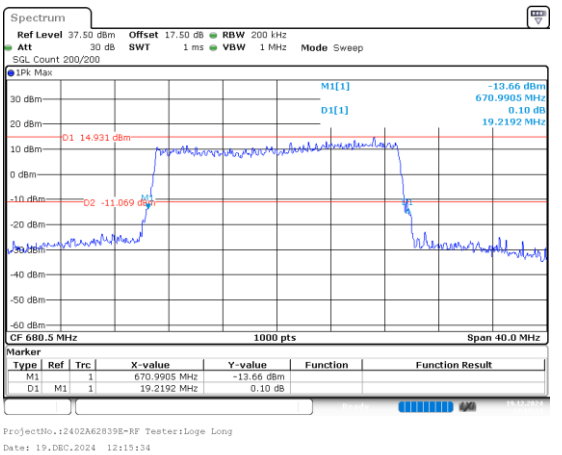
20MHz_Middle_16QAM_100@0

Occupied Bandwidth



ProjectNo.:2402A62839E-RF Tester:Loge Long
Date: 19.DEC.2024 12:15:19

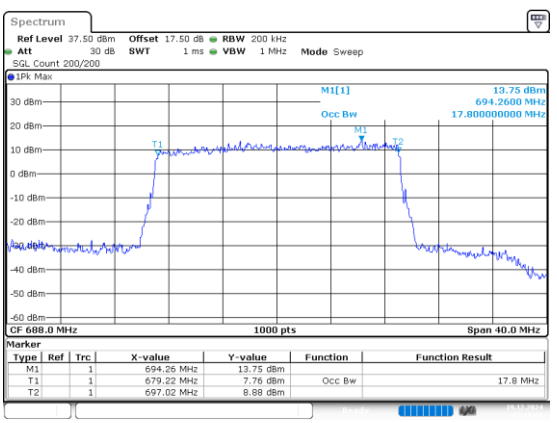
26dB Bandwidth



ProjectNo.:2402A62839E-RF Tester:Loge Long
Date: 19.DEC.2024 12:15:34

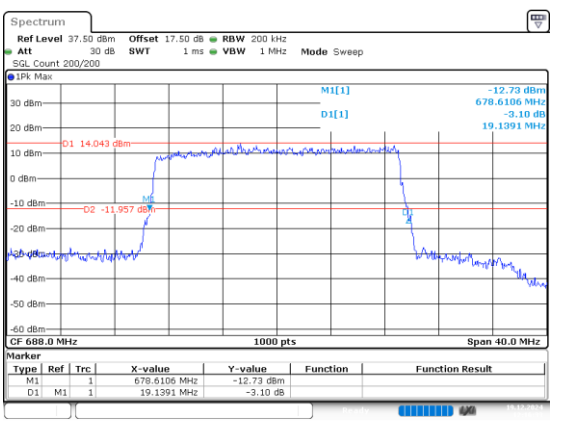
20MHz_High_QPSK_100@0

Occupied Bandwidth



ProjectNo.:2402A62839E-RF Tester:Loge Long
Date: 19.DEC.2024 12:16:17

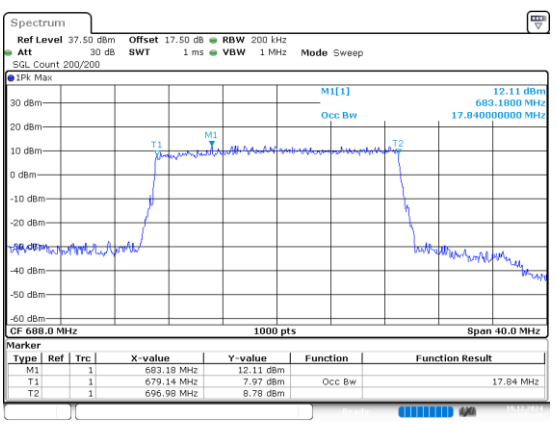
26dB Bandwidth



ProjectNo.:2402A62839E-RF Tester:Loge Long
Date: 19.DEC.2024 12:16:33

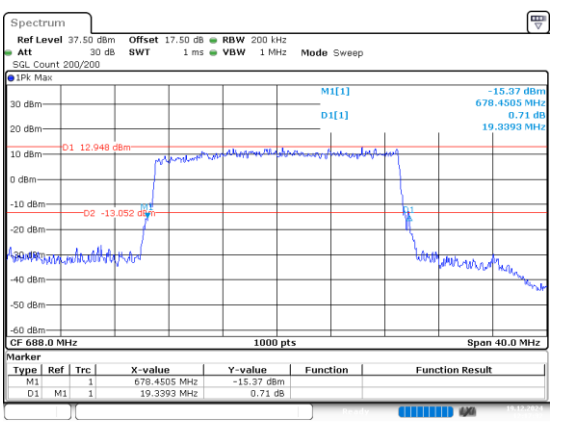
20MHz_High_16QAM_100@0

Occupied Bandwidth



ProjectNo.:2402A62839E-RF Tester:Loge Long
Date: 19.DEC.2024 12:17:15

26dB Bandwidth



ProjectNo.:2402A62839E-RF Tester:Loge Long
Date: 19.DEC.2024 12:17:32

RF Output Power

FCC Part 22H & IC RSS 132

B5, Normal

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	FCC Limit (dBm)	IC Limit (dBm)	Verdict
1.4MHz_Low_QPSK_1@0	23.75	17.55	0.057	38.45	34.77	Pass
1.4MHz_Low_QPSK_1@3	23.79	17.59	0.057	38.45	34.77	Pass
1.4MHz_Low_QPSK_1@5	23.74	17.54	0.057	38.45	34.77	Pass
1.4MHz_Low_QPSK_3@0	23.69	17.49	0.056	38.45	34.77	Pass
1.4MHz_Low_QPSK_3@1	23.75	17.55	0.057	38.45	34.77	Pass
1.4MHz_Low_QPSK_3@3	23.78	17.58	0.057	38.45	34.77	Pass
1.4MHz_Low_QPSK_6@0	22.64	16.44	0.044	38.45	34.77	Pass
1.4MHz_Low_16QAM_1@0	22.86	16.66	0.046	38.45	34.77	Pass
1.4MHz_Low_16QAM_1@3	23.01	16.81	0.048	38.45	34.77	Pass
1.4MHz_Low_16QAM_1@5	23.03	16.83	0.048	38.45	34.77	Pass
1.4MHz_Low_16QAM_3@0	22.65	16.45	0.044	38.45	34.77	Pass
1.4MHz_Low_16QAM_3@1	22.50	16.30	0.043	38.45	34.77	Pass
1.4MHz_Low_16QAM_3@3	22.60	16.40	0.044	38.45	34.77	Pass
1.4MHz_Low_16QAM_6@0	21.94	15.74	0.037	38.45	34.77	Pass
1.4MHz_Middle_QPSK_1@0	23.78	17.58	0.057	38.45	34.77	Pass
1.4MHz_Middle_QPSK_1@3	23.83	17.63	0.058	38.45	34.77	Pass
1.4MHz_Middle_QPSK_1@5	23.90	17.70	0.059	38.45	34.77	Pass
1.4MHz_Middle_QPSK_3@0	23.75	17.55	0.057	38.45	34.77	Pass
1.4MHz_Middle_QPSK_3@1	23.70	17.50	0.056	38.45	34.77	Pass
1.4MHz_Middle_QPSK_3@3	23.71	17.51	0.056	38.45	34.77	Pass
1.4MHz_Middle_QPSK_6@0	22.57	16.37	0.043	38.45	34.77	Pass
1.4MHz_Middle_16QAM_1@0	24.07	17.87	0.061	38.45	34.77	Pass
1.4MHz_Middle_16QAM_1@3	23.91	17.71	0.059	38.45	34.77	Pass
1.4MHz_Middle_16QAM_1@5	23.86	17.66	0.058	38.45	34.77	Pass
1.4MHz_Middle_16QAM_3@0	22.96	16.76	0.047	38.45	34.77	Pass
1.4MHz_Middle_16QAM_3@1	22.90	16.70	0.047	38.45	34.77	Pass
1.4MHz_Middle_16QAM_3@3	22.93	16.73	0.047	38.45	34.77	Pass
1.4MHz_Middle_16QAM_6@0	22.10	15.90	0.039	38.45	34.77	Pass
1.4MHz_High_QPSK_1@0	23.74	17.54	0.057	38.45	34.77	Pass
1.4MHz_High_QPSK_1@3	23.73	17.53	0.057	38.45	34.77	Pass
1.4MHz_High_QPSK_1@5	23.81	17.61	0.058	38.45	34.77	Pass
1.4MHz_High_QPSK_3@0	23.74	17.54	0.057	38.45	34.77	Pass
1.4MHz_High_QPSK_3@1	23.71	17.51	0.056	38.45	34.77	Pass
1.4MHz_High_QPSK_3@3	23.82	17.62	0.058	38.45	34.77	Pass
1.4MHz_High_QPSK_6@0	22.64	16.44	0.044	38.45	34.77	Pass
1.4MHz_High_16QAM_1@0	24.04	17.84	0.061	38.45	34.77	Pass
1.4MHz_High_16QAM_1@3	23.96	17.76	0.060	38.45	34.77	Pass
1.4MHz_High_16QAM_1@5	23.88	17.68	0.059	38.45	34.77	Pass
1.4MHz_High_16QAM_3@0	22.87	16.67	0.046	38.45	34.77	Pass
1.4MHz_High_16QAM_3@1	22.85	16.65	0.046	38.45	34.77	Pass
1.4MHz_High_16QAM_3@3	22.77	16.57	0.045	38.45	34.77	Pass
1.4MHz_High_16QAM_6@0	22.15	15.95	0.039	38.45	34.77	Pass
3MHz_Low_QPSK_1@0	23.80	17.60	0.058	38.45	34.77	Pass
3MHz_Low_QPSK_1@8	23.83	17.63	0.058	38.45	34.77	Pass
3MHz_Low_QPSK_1@14	23.77	17.57	0.057	38.45	34.77	Pass
3MHz_Low_QPSK_8@0	22.72	16.52	0.045	38.45	34.77	Pass

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	FCC Limit (dBm)	IC Limit (dBm)	Verdict
3MHz_Low_QPSK_8@4	22.75	16.55	0.045	38.45	34.77	Pass
3MHz_Low_QPSK_8@7	22.82	16.62	0.046	38.45	34.77	Pass
3MHz_Low_QPSK_15@0	22.76	16.56	0.045	38.45	34.77	Pass
3MHz_Low_16QAM_1@0	23.42	17.22	0.053	38.45	34.77	Pass
3MHz_Low_16QAM_1@8	23.38	17.18	0.052	38.45	34.77	Pass
3MHz_Low_16QAM_1@14	23.41	17.21	0.053	38.45	34.77	Pass
3MHz_Low_16QAM_8@0	22.08	15.88	0.039	38.45	34.77	Pass
3MHz_Low_16QAM_8@4	22.13	15.93	0.039	38.45	34.77	Pass
3MHz_Low_16QAM_8@7	22.17	15.97	0.040	38.45	34.77	Pass
3MHz_Low_16QAM_15@0	21.92	15.72	0.037	38.45	34.77	Pass
3MHz_Middle_QPSK_1@0	23.70	17.50	0.056	38.45	34.77	Pass
3MHz_Middle_QPSK_1@8	23.79	17.59	0.057	38.45	34.77	Pass
3MHz_Middle_QPSK_1@14	23.83	17.63	0.058	38.45	34.77	Pass
3MHz_Middle_QPSK_8@0	22.70	16.50	0.045	38.45	34.77	Pass
3MHz_Middle_QPSK_8@4	22.63	16.43	0.044	38.45	34.77	Pass
3MHz_Middle_QPSK_8@7	22.60	16.40	0.044	38.45	34.77	Pass
3MHz_Middle_QPSK_15@0	22.67	16.47	0.044	38.45	34.77	Pass
3MHz_Middle_16QAM_1@0	23.04	16.84	0.048	38.45	34.77	Pass
3MHz_Middle_16QAM_1@8	22.98	16.78	0.048	38.45	34.77	Pass
3MHz_Middle_16QAM_1@14	22.93	16.73	0.047	38.45	34.77	Pass
3MHz_Middle_16QAM_8@0	21.93	15.73	0.037	38.45	34.77	Pass
3MHz_Middle_16QAM_8@4	21.94	15.74	0.037	38.45	34.77	Pass
3MHz_Middle_16QAM_8@7	22	15.80	0.038	38.45	34.77	Pass
3MHz_Middle_16QAM_15@0	21.96	15.76	0.038	38.45	34.77	Pass
3MHz_High_QPSK_1@0	23.66	17.46	0.056	38.45	34.77	Pass
3MHz_High_QPSK_1@8	23.70	17.50	0.056	38.45	34.77	Pass
3MHz_High_QPSK_1@14	23.68	17.48	0.056	38.45	34.77	Pass
3MHz_High_QPSK_8@0	22.73	16.53	0.045	38.45	34.77	Pass
3MHz_High_QPSK_8@4	22.75	16.55	0.045	38.45	34.77	Pass
3MHz_High_QPSK_8@7	22.64	16.44	0.044	38.45	34.77	Pass
3MHz_High_QPSK_15@0	22.69	16.49	0.045	38.45	34.77	Pass
3MHz_High_16QAM_1@0	23.69	17.49	0.056	38.45	34.77	Pass
3MHz_High_16QAM_1@8	23.72	17.52	0.056	38.45	34.77	Pass
3MHz_High_16QAM_1@14	23.64	17.44	0.055	38.45	34.77	Pass
3MHz_High_16QAM_8@0	21.57	15.37	0.034	38.45	34.77	Pass
3MHz_High_16QAM_8@4	21.57	15.37	0.034	38.45	34.77	Pass
3MHz_High_16QAM_8@7	21.76	15.56	0.036	38.45	34.77	Pass
3MHz_High_16QAM_15@0	21.80	15.60	0.036	38.45	34.77	Pass
5MHz_Low_QPSK_1@0	23.78	17.58	0.057	38.45	34.77	Pass
5MHz_Low_QPSK_1@12	23.61	17.41	0.055	38.45	34.77	Pass
5MHz_Low_QPSK_1@24	23.63	17.43	0.055	38.45	34.77	Pass
5MHz_Low_QPSK_12@0	22.77	16.57	0.045	38.45	34.77	Pass
5MHz_Low_QPSK_12@7	22.83	16.63	0.046	38.45	34.77	Pass
5MHz_Low_QPSK_12@13	22.72	16.52	0.045	38.45	34.77	Pass
5MHz_Low_QPSK_25@0	22.85	16.65	0.046	38.45	34.77	Pass
5MHz_Low_16QAM_1@0	23.52	17.32	0.054	38.45	34.77	Pass
5MHz_Low_16QAM_1@12	23.53	17.33	0.054	38.45	34.77	Pass
5MHz_Low_16QAM_1@24	23.46	17.26	0.053	38.45	34.77	Pass
5MHz_Low_16QAM_12@0	21.90	15.70	0.037	38.45	34.77	Pass
5MHz_Low_16QAM_12@7	21.98	15.78	0.038	38.45	34.77	Pass

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	FCC Limit (dBm)	IC Limit (dBm)	Verdict
5MHz_Low_16QAM_12@13	21.92	15.72	0.037	38.45	34.77	Pass
5MHz_Low_16QAM_25@0	22.09	15.89	0.039	38.45	34.77	Pass
5MHz_Middle_QPSK_1@0	23.64	17.44	0.055	38.45	34.77	Pass
5MHz_Middle_QPSK_1@12	23.62	17.42	0.055	38.45	34.77	Pass
5MHz_Middle_QPSK_1@24	23.76	17.56	0.057	38.45	34.77	Pass
5MHz_Middle_QPSK_12@0	22.78	16.58	0.045	38.45	34.77	Pass
5MHz_Middle_QPSK_12@7	22.70	16.50	0.045	38.45	34.77	Pass
5MHz_Middle_QPSK_12@13	22.61	16.41	0.044	38.45	34.77	Pass
5MHz_Middle_QPSK_25@0	22.61	16.41	0.044	38.45	34.77	Pass
5MHz_Middle_16QAM_1@0	23.52	17.32	0.054	38.45	34.77	Pass
5MHz_Middle_16QAM_1@12	23.35	17.15	0.052	38.45	34.77	Pass
5MHz_Middle_16QAM_1@24	23.66	17.46	0.056	38.45	34.77	Pass
5MHz_Middle_16QAM_12@0	21.80	15.60	0.036	38.45	34.77	Pass
5MHz_Middle_16QAM_12@7	21.98	15.78	0.038	38.45	34.77	Pass
5MHz_Middle_16QAM_12@13	21.95	15.75	0.038	38.45	34.77	Pass
5MHz_Middle_16QAM_25@0	22.18	15.98	0.040	38.45	34.77	Pass
5MHz_High_QPSK_1@0	23.51	17.31	0.054	38.45	34.77	Pass
5MHz_High_QPSK_1@12	23.68	17.48	0.056	38.45	34.77	Pass
5MHz_High_QPSK_1@24	23.72	17.52	0.056	38.45	34.77	Pass
5MHz_High_QPSK_12@0	22.62	16.42	0.044	38.45	34.77	Pass
5MHz_High_QPSK_12@7	22.78	16.58	0.045	38.45	34.77	Pass
5MHz_High_QPSK_12@13	22.69	16.49	0.045	38.45	34.77	Pass
5MHz_High_QPSK_25@0	22.80	16.60	0.046	38.45	34.77	Pass
5MHz_High_16QAM_1@0	22.82	16.62	0.046	38.45	34.77	Pass
5MHz_High_16QAM_1@12	22.78	16.58	0.045	38.45	34.77	Pass
5MHz_High_16QAM_1@24	22.76	16.56	0.045	38.45	34.77	Pass
5MHz_High_16QAM_12@0	21.64	15.44	0.035	38.45	34.77	Pass
5MHz_High_16QAM_12@7	21.58	15.38	0.035	38.45	34.77	Pass
5MHz_High_16QAM_12@13	21.57	15.37	0.034	38.45	34.77	Pass
5MHz_High_16QAM_25@0	21.79	15.59	0.036	38.45	34.77	Pass
10MHz_Low_QPSK_1@0	23.87	17.67	0.058	38.45	34.77	Pass
10MHz_Low_QPSK_1@25	23.80	17.60	0.058	38.45	34.77	Pass
10MHz_Low_QPSK_1@49	23.87	17.67	0.058	38.45	34.77	Pass
10MHz_Low_QPSK_25@0	22.88	16.68	0.047	38.45	34.77	Pass
10MHz_Low_QPSK_25@12	22.77	16.57	0.045	38.45	34.77	Pass
10MHz_Low_QPSK_25@25	22.78	16.58	0.045	38.45	34.77	Pass
10MHz_Low_QPSK_50@0	22.65	16.45	0.044	38.45	34.77	Pass
10MHz_Low_16QAM_1@0	24.09	17.89	0.062	38.45	34.77	Pass
10MHz_Low_16QAM_1@25	24.08	17.88	0.061	38.45	34.77	Pass
10MHz_Low_16QAM_1@49	24.05	17.85	0.061	38.45	34.77	Pass
10MHz_Low_16QAM_25@0	21.79	15.59	0.036	38.45	34.77	Pass
10MHz_Low_16QAM_25@12	22.03	15.83	0.038	38.45	34.77	Pass
10MHz_Low_16QAM_25@25	21.86	15.66	0.037	38.45	34.77	Pass
10MHz_Low_16QAM_50@0	22	15.80	0.038	38.45	34.77	Pass
10MHz_Middle_QPSK_1@0	23.60	17.40	0.055	38.45	34.77	Pass
10MHz_Middle_QPSK_1@25	23.79	17.59	0.057	38.45	34.77	Pass
10MHz_Middle_QPSK_1@49	23.87	17.67	0.058	38.45	34.77	Pass
10MHz_Middle_QPSK_25@0	22.66	16.46	0.044	38.45	34.77	Pass
10MHz_Middle_QPSK_25@12	22.69	16.49	0.045	38.45	34.77	Pass
10MHz_Middle_QPSK_25@25	23.02	16.82	0.048	38.45	34.77	Pass

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	FCC Limit (dBm)	IC Limit (dBm)	Verdict
10MHz_Middle_QPSK_50@0	22.73	16.53	0.045	38.45	34.77	Pass
10MHz_Middle_16QAM_1@0	23.23	17.03	0.050	38.45	34.77	Pass
10MHz_Middle_16QAM_1@25	22.96	16.76	0.047	38.45	34.77	Pass
10MHz_Middle_16QAM_1@49	23.26	17.06	0.051	38.45	34.77	Pass
10MHz_Middle_16QAM_25@0	21.84	15.64	0.037	38.45	34.77	Pass
10MHz_Middle_16QAM_25@12	22.14	15.94	0.039	38.45	34.77	Pass
10MHz_Middle_16QAM_25@25	22.10	15.90	0.039	38.45	34.77	Pass
10MHz_Middle_16QAM_50@0	21.99	15.79	0.038	38.45	34.77	Pass
10MHz_High_QPSK_1@0	24.12	17.92	0.062	38.45	34.77	Pass
10MHz_High_QPSK_1@25	24.01	17.81	0.060	38.45	34.77	Pass
10MHz_High_QPSK_1@49	24.09	17.89	0.062	38.45	34.77	Pass
10MHz_High_QPSK_25@0	22.96	16.76	0.047	38.45	34.77	Pass
10MHz_High_QPSK_25@12	22.63	16.43	0.044	38.45	34.77	Pass
10MHz_High_QPSK_25@25	22.63	16.43	0.044	38.45	34.77	Pass
10MHz_High_QPSK_50@0	22.70	16.50	0.045	38.45	34.77	Pass
10MHz_High_16QAM_1@0	24.01	17.81	0.060	38.45	34.77	Pass
10MHz_High_16QAM_1@25	23.69	17.49	0.056	38.45	34.77	Pass
10MHz_High_16QAM_1@49	23.63	17.43	0.055	38.45	34.77	Pass
10MHz_High_16QAM_25@0	21.88	15.68	0.037	38.45	34.77	Pass
10MHz_High_16QAM_25@12	21.78	15.58	0.036	38.45	34.77	Pass
10MHz_High_16QAM_25@25	21.77	15.57	0.036	38.45	34.77	Pass
10MHz_High_16QAM_50@0	21.84	15.64	0.037	38.45	34.77	Pass

Note:
ERP = Average Conducted Power(dBm) - L_C(dB) + G_T(dBd)
G_T(dBd) = G_T(dBi) - 2.15
1.Ant Gain = -3.95dBi;
2.C_L = signal attenuation in the connecting cable between the transmitter and antenna in 0.1dB

FCC Part 24E & IC RSS 133

B2, Normal

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
1.4MHz_Low_QPSK_1@0	16.30	17.42	0.055	2	Pass
1.4MHz_Low_QPSK_1@3	16.50	17.62	0.058	2	Pass
1.4MHz_Low_QPSK_1@5	16.30	17.42	0.055	2	Pass
1.4MHz_Low_QPSK_3@0	16.51	17.63	0.058	2	Pass
1.4MHz_Low_QPSK_3@1	16.53	17.65	0.058	2	Pass
1.4MHz_Low_QPSK_3@3	17.93	19.05	0.080	2	Pass
1.4MHz_Low_QPSK_6@0	17	18.12	0.065	2	Pass
1.4MHz_Low_16QAM_1@0	16.74	17.86	0.061	2	Pass
1.4MHz_Low_16QAM_1@3	16.92	18.04	0.064	2	Pass
1.4MHz_Low_16QAM_1@5	16.70	17.82	0.061	2	Pass
1.4MHz_Low_16QAM_3@0	17.19	18.31	0.068	2	Pass
1.4MHz_Low_16QAM_3@1	17.25	18.37	0.069	2	Pass
1.4MHz_Low_16QAM_3@3	17.15	18.27	0.067	2	Pass
1.4MHz_Low_16QAM_6@0	16.24	17.36	0.054	2	Pass
1.4MHz_Middle_QPSK_1@0	18.12	19.24	0.084	2	Pass
1.4MHz_Middle_QPSK_1@3	18.30	19.42	0.087	2	Pass
1.4MHz_Middle_QPSK_1@5	18.11	19.23	0.084	2	Pass
1.4MHz_Middle_QPSK_3@0	18.07	19.19	0.083	2	Pass
1.4MHz_Middle_QPSK_3@1	18.16	19.28	0.085	2	Pass
1.4MHz_Middle_QPSK_3@3	18.08	19.20	0.083	2	Pass
1.4MHz_Middle_QPSK_6@0	17.10	18.22	0.066	2	Pass
1.4MHz_Middle_16QAM_1@0	17.36	18.48	0.070	2	Pass
1.4MHz_Middle_16QAM_1@3	17.55	18.67	0.074	2	Pass
1.4MHz_Middle_16QAM_1@5	17.36	18.48	0.070	2	Pass
1.4MHz_Middle_16QAM_3@0	17.41	18.53	0.071	2	Pass
1.4MHz_Middle_16QAM_3@1	17.49	18.61	0.073	2	Pass
1.4MHz_Middle_16QAM_3@3	17.45	18.57	0.072	2	Pass
1.4MHz_Middle_16QAM_6@0	16.02	17.14	0.052	2	Pass
1.4MHz_High_QPSK_1@0	17.79	18.91	0.078	2	Pass
1.4MHz_High_QPSK_1@3	17.96	19.08	0.081	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
1.4MHz_High_QPSK_1@5	17.69	18.81	0.076	2	Pass
1.4MHz_High_QPSK_3@0	17.94	19.06	0.081	2	Pass
1.4MHz_High_QPSK_3@1	18.09	19.21	0.083	2	Pass
1.4MHz_High_QPSK_3@3	17.99	19.11	0.081	2	Pass
1.4MHz_High_QPSK_6@0	17.04	18.16	0.065	2	Pass
1.4MHz_High_16QAM_1@0	16.78	17.90	0.062	2	Pass
1.4MHz_High_16QAM_1@3	16.90	18.02	0.063	2	Pass
1.4MHz_High_16QAM_1@5	16.69	17.81	0.060	2	Pass
1.4MHz_High_16QAM_3@0	17.22	18.34	0.068	2	Pass
1.4MHz_High_16QAM_3@1	17.26	18.38	0.069	2	Pass
1.4MHz_High_16QAM_3@3	17.16	18.28	0.067	2	Pass
1.4MHz_High_16QAM_6@0	16.34	17.46	0.056	2	Pass
3MHz_Low_QPSK_1@0	17.99	19.11	0.081	2	Pass
3MHz_Low_QPSK_1@8	18.08	19.20	0.083	2	Pass
3MHz_Low_QPSK_1@14	18.28	19.40	0.087	2	Pass
3MHz_Low_QPSK_8@0	16.98	18.10	0.065	2	Pass
3MHz_Low_QPSK_8@4	17	18.12	0.065	2	Pass
3MHz_Low_QPSK_8@7	17.05	18.17	0.066	2	Pass
3MHz_Low_QPSK_15@0	17.04	18.16	0.065	2	Pass
3MHz_Low_16QAM_1@0	17.25	18.37	0.069	2	Pass
3MHz_Low_16QAM_1@8	17.32	18.44	0.070	2	Pass
3MHz_Low_16QAM_1@14	17.49	18.61	0.073	2	Pass
3MHz_Low_16QAM_8@0	16.15	17.27	0.053	2	Pass
3MHz_Low_16QAM_8@4	16.17	17.29	0.054	2	Pass
3MHz_Low_16QAM_8@7	16.20	17.32	0.054	2	Pass
3MHz_Low_16QAM_15@0	16.09	17.21	0.053	2	Pass
3MHz_Middle_QPSK_1@0	17.76	18.88	0.077	2	Pass
3MHz_Middle_QPSK_1@8	17.94	19.06	0.081	2	Pass
3MHz_Middle_QPSK_1@14	17.85	18.97	0.079	2	Pass
3MHz_Middle_QPSK_8@0	17.07	18.19	0.066	2	Pass
3MHz_Middle_QPSK_8@4	17.14	18.26	0.067	2	Pass
3MHz_Middle_QPSK_8@7	17.12	18.24	0.067	2	Pass
3MHz_Middle_QPSK_15@0	17.11	18.23	0.067	2	Pass
3MHz_Middle_16QAM_1@0	16.72	17.84	0.061	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
3MHz_Middle_16QAM_1@8	16.90	18.02	0.063	2	Pass
3MHz_Middle_16QAM_1@14	16.80	17.92	0.062	2	Pass
3MHz_Middle_16QAM_8@0	16.05	17.17	0.052	2	Pass
3MHz_Middle_16QAM_8@4	16.12	17.24	0.053	2	Pass
3MHz_Middle_16QAM_8@7	16.10	17.22	0.053	2	Pass
3MHz_Middle_16QAM_15@0	16.07	17.19	0.052	2	Pass
3MHz_High_QPSK_1@0	17.98	19.10	0.081	2	Pass
3MHz_High_QPSK_1@8	18.03	19.15	0.082	2	Pass
3MHz_High_QPSK_1@14	17.80	18.92	0.078	2	Pass
3MHz_High_QPSK_8@0	17.14	18.26	0.067	2	Pass
3MHz_High_QPSK_8@4	17.14	18.26	0.067	2	Pass
3MHz_High_QPSK_8@7	17.05	18.17	0.066	2	Pass
3MHz_High_QPSK_15@0	17.09	18.21	0.066	2	Pass
3MHz_High_16QAM_1@0	16.97	18.09	0.064	2	Pass
3MHz_High_16QAM_1@8	17.06	18.18	0.066	2	Pass
3MHz_High_16QAM_1@14	16.82	17.94	0.062	2	Pass
3MHz_High_16QAM_8@0	16.30	17.42	0.055	2	Pass
3MHz_High_16QAM_8@4	16.30	17.42	0.055	2	Pass
3MHz_High_16QAM_8@7	16.20	17.32	0.054	2	Pass
3MHz_High_16QAM_15@0	16.28	17.40	0.055	2	Pass
5MHz_Low_QPSK_1@0	17.57	18.69	0.074	2	Pass
5MHz_Low_QPSK_1@12	18.15	19.27	0.085	2	Pass
5MHz_Low_QPSK_1@24	17.89	19.01	0.080	2	Pass
5MHz_Low_QPSK_12@0	16.90	18.02	0.063	2	Pass
5MHz_Low_QPSK_12@7	17.23	18.35	0.068	2	Pass
5MHz_Low_QPSK_12@13	17.28	18.40	0.069	2	Pass
5MHz_Low_QPSK_25@0	17.10	18.22	0.066	2	Pass
5MHz_Low_16QAM_1@0	17.16	18.28	0.067	2	Pass
5MHz_Low_16QAM_1@12	17.83	18.95	0.079	2	Pass
5MHz_Low_16QAM_1@24	17.60	18.72	0.074	2	Pass
5MHz_Low_16QAM_12@0	16.04	17.16	0.052	2	Pass
5MHz_Low_16QAM_12@7	16.36	17.48	0.056	2	Pass
5MHz_Low_16QAM_12@13	16.43	17.55	0.057	2	Pass
5MHz_Low_16QAM_25@0	16.26	17.38	0.055	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_Middle_QPSK_1@0	17.56	18.68	0.074	2	Pass
5MHz_Middle_QPSK_1@12	18.10	19.22	0.084	2	Pass
5MHz_Middle_QPSK_1@24	17.62	18.74	0.075	2	Pass
5MHz_Middle_QPSK_12@0	17	18.12	0.065	2	Pass
5MHz_Middle_QPSK_12@7	17.19	18.31	0.068	2	Pass
5MHz_Middle_QPSK_12@13	17.06	18.18	0.066	2	Pass
5MHz_Middle_QPSK_25@0	17.04	18.16	0.065	2	Pass
5MHz_Middle_16QAM_1@0	16.68	17.80	0.060	2	Pass
5MHz_Middle_16QAM_1@12	17.18	18.30	0.068	2	Pass
5MHz_Middle_16QAM_1@24	16.72	17.84	0.061	2	Pass
5MHz_Middle_16QAM_12@0	16.05	17.17	0.052	2	Pass
5MHz_Middle_16QAM_12@7	16.24	17.36	0.054	2	Pass
5MHz_Middle_16QAM_12@13	16.11	17.23	0.053	2	Pass
5MHz_Middle_16QAM_25@0	16.03	17.15	0.052	2	Pass
5MHz_High_QPSK_1@0	17.96	19.08	0.081	2	Pass
5MHz_High_QPSK_1@12	18.21	19.33	0.086	2	Pass
5MHz_High_QPSK_1@24	17.55	18.67	0.074	2	Pass
5MHz_High_QPSK_12@0	17.05	18.17	0.066	2	Pass
5MHz_High_QPSK_12@7	17.16	18.28	0.067	2	Pass
5MHz_High_QPSK_12@13	17.01	18.13	0.065	2	Pass
5MHz_High_QPSK_25@0	17.04	18.16	0.065	2	Pass
5MHz_High_16QAM_1@0	17	18.12	0.065	2	Pass
5MHz_High_16QAM_1@12	17.26	18.38	0.069	2	Pass
5MHz_High_16QAM_1@24	16.62	17.74	0.059	2	Pass
5MHz_High_16QAM_12@0	16.23	17.35	0.054	2	Pass
5MHz_High_16QAM_12@7	16.34	17.46	0.056	2	Pass
5MHz_High_16QAM_12@13	16.17	17.29	0.054	2	Pass
5MHz_High_16QAM_25@0	16.16	17.28	0.053	2	Pass
10MHz_Low_QPSK_1@0	17.79	18.91	0.078	2	Pass
10MHz_Low_QPSK_1@25	18.35	19.47	0.089	2	Pass
10MHz_Low_QPSK_1@49	18.88	20.00	0.100	2	Pass
10MHz_Low_QPSK_25@0	16.98	18.10	0.065	2	Pass
10MHz_Low_QPSK_25@12	17.26	18.38	0.069	2	Pass
10MHz_Low_QPSK_25@25	17.55	18.67	0.074	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_Low_QPSK_50@0	17.26	18.38	0.069	2	Pass
10MHz_Low_16QAM_1@0	16.93	18.05	0.064	2	Pass
10MHz_Low_16QAM_1@25	17.55	18.67	0.074	2	Pass
10MHz_Low_16QAM_1@49	18.10	19.22	0.084	2	Pass
10MHz_Low_16QAM_25@0	16.14	17.26	0.053	2	Pass
10MHz_Low_16QAM_25@12	16.43	17.55	0.057	2	Pass
10MHz_Low_16QAM_25@25	16.72	17.84	0.061	2	Pass
10MHz_Low_16QAM_50@0	16.42	17.54	0.057	2	Pass
10MHz_Middle_QPSK_1@0	17.71	18.83	0.076	2	Pass
10MHz_Middle_QPSK_1@25	17.94	19.06	0.081	2	Pass
10MHz_Middle_QPSK_1@49	17.97	19.09	0.081	2	Pass
10MHz_Middle_QPSK_25@0	17.10	18.22	0.066	2	Pass
10MHz_Middle_QPSK_25@12	17.20	18.32	0.068	2	Pass
10MHz_Middle_QPSK_25@25	17.32	18.44	0.070	2	Pass
10MHz_Middle_QPSK_50@0	17.20	18.32	0.068	2	Pass
10MHz_Middle_16QAM_1@0	16.67	17.79	0.060	2	Pass
10MHz_Middle_16QAM_1@25	16.87	17.99	0.063	2	Pass
10MHz_Middle_16QAM_1@49	16.91	18.03	0.064	2	Pass
10MHz_Middle_16QAM_25@0	16.12	17.24	0.053	2	Pass
10MHz_Middle_16QAM_25@12	16.23	17.35	0.054	2	Pass
10MHz_Middle_16QAM_25@25	16.34	17.46	0.056	2	Pass
10MHz_Middle_16QAM_50@0	16.18	17.30	0.054	2	Pass
10MHz_High_QPSK_1@0	18.71	19.83	0.096	2	Pass
10MHz_High_QPSK_1@25	18.36	19.48	0.089	2	Pass
10MHz_High_QPSK_1@49	18.28	19.40	0.087	2	Pass
10MHz_High_QPSK_25@0	17.89	19.01	0.080	2	Pass
10MHz_High_QPSK_25@12	17.61	18.73	0.075	2	Pass
10MHz_High_QPSK_25@25	17.50	18.62	0.073	2	Pass
10MHz_High_QPSK_50@0	17.70	18.82	0.076	2	Pass
10MHz_High_16QAM_1@0	17.81	18.93	0.078	2	Pass
10MHz_High_16QAM_1@25	17.42	18.54	0.071	2	Pass
10MHz_High_16QAM_1@49	17.41	18.53	0.071	2	Pass
10MHz_High_16QAM_25@0	17.06	18.18	0.066	2	Pass
10MHz_High_16QAM_25@12	16.79	17.91	0.062	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_High_16QAM_25@25	16.68	17.80	0.060	2	Pass
10MHz_High_16QAM_50@0	16.80	17.92	0.062	2	Pass
15MHz_Low_QPSK_1@0	17.85	18.97	0.079	2	Pass
15MHz_Low_QPSK_1@37	18.21	19.33	0.086	2	Pass
15MHz_Low_QPSK_1@74	18.60	19.72	0.094	2	Pass
15MHz_Low_QPSK_36@0	17.21	18.33	0.068	2	Pass
15MHz_Low_QPSK_36@20	17.36	18.48	0.070	2	Pass
15MHz_Low_QPSK_36@39	17.61	18.73	0.075	2	Pass
15MHz_Low_QPSK_75@0	17.38	18.50	0.071	2	Pass
15MHz_Low_16QAM_1@0	16.89	18.01	0.063	2	Pass
15MHz_Low_16QAM_1@37	17.39	18.51	0.071	2	Pass
15MHz_Low_16QAM_1@74	17.69	18.81	0.076	2	Pass
15MHz_Low_16QAM_36@0	16.36	17.48	0.056	2	Pass
15MHz_Low_16QAM_36@20	16.53	17.65	0.058	2	Pass
15MHz_Low_16QAM_36@39	16.78	17.90	0.062	2	Pass
15MHz_Low_16QAM_75@0	16.56	17.68	0.059	2	Pass
15MHz_Middle_QPSK_1@0	18.10	19.22	0.084	2	Pass
15MHz_Middle_QPSK_1@37	18.04	19.16	0.082	2	Pass
15MHz_Middle_QPSK_1@74	18.05	19.17	0.083	2	Pass
15MHz_Middle_QPSK_36@0	17.27	18.39	0.069	2	Pass
15MHz_Middle_QPSK_36@20	17.19	18.31	0.068	2	Pass
15MHz_Middle_QPSK_36@39	17.21	18.33	0.068	2	Pass
15MHz_Middle_QPSK_75@0	17.22	18.34	0.068	2	Pass
15MHz_Middle_16QAM_1@0	17.10	18.22	0.066	2	Pass
15MHz_Middle_16QAM_1@37	17.07	18.19	0.066	2	Pass
15MHz_Middle_16QAM_1@74	17.06	18.18	0.066	2	Pass
15MHz_Middle_16QAM_36@0	16.33	17.45	0.056	2	Pass
15MHz_Middle_16QAM_36@20	16.25	17.37	0.055	2	Pass
15MHz_Middle_16QAM_36@39	16.28	17.40	0.055	2	Pass
15MHz_Middle_16QAM_75@0	16.29	17.41	0.055	2	Pass
15MHz_High_QPSK_1@0	18.48	19.60	0.091	2	Pass
15MHz_High_QPSK_1@37	18.18	19.30	0.085	2	Pass
15MHz_High_QPSK_1@74	17.53	18.65	0.073	2	Pass
15MHz_High_QPSK_36@0	17.38	18.50	0.071	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
15MHz_High_QPSK_36@20	17.11	18.23	0.067	2	Pass
15MHz_High_QPSK_36@39	16.76	17.88	0.061	2	Pass
15MHz_High_QPSK_75@0	17.07	18.19	0.066	2	Pass
15MHz_High_16QAM_1@0	17.71	18.83	0.076	2	Pass
15MHz_High_16QAM_1@37	17.47	18.59	0.072	2	Pass
15MHz_High_16QAM_1@74	16.77	17.89	0.062	2	Pass
15MHz_High_16QAM_36@0	16.38	17.50	0.056	2	Pass
15MHz_High_16QAM_36@20	16.13	17.25	0.053	2	Pass
15MHz_High_16QAM_36@39	15.78	16.90	0.049	2	Pass
15MHz_High_16QAM_75@0	16.08	17.20	0.052	2	Pass
20MHz_Low_QPSK_1@0	17.63	18.75	0.075	2	Pass
20MHz_Low_QPSK_1@49	18.05	19.17	0.083	2	Pass
20MHz_Low_QPSK_1@99	19.10	20.22	0.105	2	Pass
20MHz_Low_QPSK_50@0	17.05	18.17	0.066	2	Pass
20MHz_Low_QPSK_50@24	17.32	18.44	0.070	2	Pass
20MHz_Low_QPSK_50@50	17.76	18.88	0.077	2	Pass
20MHz_Low_QPSK_100@0	17.41	18.53	0.071	2	Pass
20MHz_Low_16QAM_1@0	17.03	18.15	0.065	2	Pass
20MHz_Low_16QAM_1@49	17.53	18.65	0.073	2	Pass
20MHz_Low_16QAM_1@99	18.53	19.65	0.092	2	Pass
20MHz_Low_16QAM_50@0	16.05	17.17	0.052	2	Pass
20MHz_Low_16QAM_50@24	16.36	17.48	0.056	2	Pass
20MHz_Low_16QAM_50@50	16.78	17.90	0.062	2	Pass
20MHz_Low_16QAM_100@0	16.37	17.49	0.056	2	Pass
20MHz_Middle_QPSK_1@0	18.32	19.44	0.088	2	Pass
20MHz_Middle_QPSK_1@49	17.88	19.00	0.079	2	Pass
20MHz_Middle_QPSK_1@99	18.90	20.02	0.100	2	Pass
20MHz_Middle_QPSK_50@0	17.20	18.32	0.068	2	Pass
20MHz_Middle_QPSK_50@24	17.16	18.28	0.067	2	Pass
20MHz_Middle_QPSK_50@50	17.54	18.66	0.073	2	Pass
20MHz_Middle_QPSK_100@0	17.36	18.48	0.070	2	Pass
20MHz_Middle_16QAM_1@0	17.69	18.81	0.076	2	Pass
20MHz_Middle_16QAM_1@49	17.29	18.41	0.069	2	Pass
20MHz_Middle_16QAM_1@99	18.27	19.39	0.087	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
20MHz_Middle_16QAM_50@0	16.25	17.37	0.055	2	Pass
20MHz_Middle_16QAM_50@24	16.21	17.33	0.054	2	Pass
20MHz_Middle_16QAM_50@50	16.58	17.70	0.059	2	Pass
20MHz_Middle_16QAM_100@0	16.42	17.54	0.057	2	Pass
20MHz_High_QPSK_1@0	18.56	19.68	0.093	2	Pass
20MHz_High_QPSK_1@49	18.04	19.16	0.082	2	Pass
20MHz_High_QPSK_1@99	18.07	19.19	0.083	2	Pass
20MHz_High_QPSK_50@0	17.33	18.45	0.070	2	Pass
20MHz_High_QPSK_50@24	17.24	18.36	0.069	2	Pass
20MHz_High_QPSK_50@50	17.15	18.27	0.067	2	Pass
20MHz_High_QPSK_100@0	17.22	18.34	0.068	2	Pass
20MHz_High_16QAM_1@0	18.24	19.36	0.086	2	Pass
20MHz_High_16QAM_1@49	17.79	18.91	0.078	2	Pass
20MHz_High_16QAM_1@99	17.74	18.86	0.077	2	Pass
20MHz_High_16QAM_50@0	16.34	17.46	0.056	2	Pass
20MHz_High_16QAM_50@24	16.26	17.38	0.055	2	Pass
20MHz_High_16QAM_50@50	16.17	17.29	0.054	2	Pass
20MHz_High_16QAM_100@0	16.20	17.32	0.054	2	Pass

Note:

EIRP = Average Conducted Power(dBm) - L_C(dB) + G_T(dBi)

1.Ant Gain = 1.12dBi;

2.C_L = signal attenuation in the connecting cable between the transmitter and antenna in 0dB

B4, Normal

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
1.4MHz_Low_QPSK_1@0	20.68	20.86	0.122	1	Pass
1.4MHz_Low_QPSK_1@3	20.63	20.81	0.121	1	Pass
1.4MHz_Low_QPSK_1@5	20.64	20.82	0.121	1	Pass
1.4MHz_Low_QPSK_3@0	20.53	20.71	0.118	1	Pass
1.4MHz_Low_QPSK_3@1	20.58	20.76	0.119	1	Pass
1.4MHz_Low_QPSK_3@3	20.66	20.84	0.121	1	Pass
1.4MHz_Low_QPSK_6@0	19.58	19.76	0.095	1	Pass
1.4MHz_Low_16QAM_1@0	20.88	21.06	0.128	1	Pass
1.4MHz_Low_16QAM_1@3	20.20	20.38	0.109	1	Pass
1.4MHz_Low_16QAM_1@5	20.21	20.39	0.109	1	Pass
1.4MHz_Low_16QAM_3@0	19.65	19.83	0.096	1	Pass
1.4MHz_Low_16QAM_3@1	19.69	19.87	0.097	1	Pass
1.4MHz_Low_16QAM_3@3	19.71	19.89	0.097	1	Pass
1.4MHz_Low_16QAM_6@0	18.21	18.39	0.069	1	Pass
1.4MHz_Middle_QPSK_1@0	20.24	20.42	0.110	1	Pass
1.4MHz_Middle_QPSK_1@3	20.55	20.73	0.118	1	Pass
1.4MHz_Middle_QPSK_1@5	20.57	20.75	0.119	1	Pass
1.4MHz_Middle_QPSK_3@0	20.47	20.65	0.116	1	Pass
1.4MHz_Middle_QPSK_3@1	20.55	20.73	0.118	1	Pass
1.4MHz_Middle_QPSK_3@3	20.51	20.69	0.117	1	Pass
1.4MHz_Middle_QPSK_6@0	19.47	19.65	0.092	1	Pass
1.4MHz_Middle_16QAM_1@0	19.53	19.71	0.094	1	Pass
1.4MHz_Middle_16QAM_1@3	20.02	20.20	0.105	1	Pass
1.4MHz_Middle_16QAM_1@5	20.01	20.19	0.104	1	Pass
1.4MHz_Middle_16QAM_3@0	19.44	19.62	0.092	1	Pass
1.4MHz_Middle_16QAM_3@1	19.92	20.10	0.102	1	Pass
1.4MHz_Middle_16QAM_3@3	19.89	20.07	0.102	1	Pass
1.4MHz_Middle_16QAM_6@0	18.52	18.70	0.074	1	Pass
1.4MHz_High_QPSK_1@0	20.28	20.46	0.111	1	Pass
1.4MHz_High_QPSK_1@3	20.26	20.44	0.111	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
1.4MHz_High_QPSK_1@5	20.27	20.45	0.111	1	Pass
1.4MHz_High_QPSK_3@0	20.32	20.50	0.112	1	Pass
1.4MHz_High_QPSK_3@1	20.28	20.46	0.111	1	Pass
1.4MHz_High_QPSK_3@3	20.28	20.46	0.111	1	Pass
1.4MHz_High_QPSK_6@0	19.27	19.45	0.088	1	Pass
1.4MHz_High_16QAM_1@0	20.28	20.46	0.111	1	Pass
1.4MHz_High_16QAM_1@3	20.37	20.55	0.114	1	Pass
1.4MHz_High_16QAM_1@5	20.37	20.55	0.114	1	Pass
1.4MHz_High_16QAM_3@0	19.74	19.92	0.098	1	Pass
1.4MHz_High_16QAM_3@1	19.93	20.11	0.103	1	Pass
1.4MHz_High_16QAM_3@3	19.79	19.97	0.099	1	Pass
1.4MHz_High_16QAM_6@0	18.85	19.03	0.080	1	Pass
3MHz_Low_QPSK_1@0	20.69	20.87	0.122	1	Pass
3MHz_Low_QPSK_1@8	20.72	20.90	0.123	1	Pass
3MHz_Low_QPSK_1@14	20.42	20.60	0.115	1	Pass
3MHz_Low_QPSK_8@0	19.62	19.80	0.095	1	Pass
3MHz_Low_QPSK_8@4	19.60	19.78	0.095	1	Pass
3MHz_Low_QPSK_8@7	19.21	19.39	0.087	1	Pass
3MHz_Low_QPSK_15@0	19.62	19.80	0.095	1	Pass
3MHz_Low_16QAM_1@0	20.19	20.37	0.109	1	Pass
3MHz_Low_16QAM_1@8	20.78	20.96	0.125	1	Pass
3MHz_Low_16QAM_1@14	19.90	20.08	0.102	1	Pass
3MHz_Low_16QAM_8@0	19.54	19.72	0.094	1	Pass
3MHz_Low_16QAM_8@4	19.62	19.80	0.095	1	Pass
3MHz_Low_16QAM_8@7	19.63	19.81	0.096	1	Pass
3MHz_Low_16QAM_15@0	19.51	19.69	0.093	1	Pass
3MHz_Middle_QPSK_1@0	20.25	20.43	0.110	1	Pass
3MHz_Middle_QPSK_1@8	20.56	20.74	0.119	1	Pass
3MHz_Middle_QPSK_1@14	20.48	20.66	0.116	1	Pass
3MHz_Middle_QPSK_8@0	19.21	19.39	0.087	1	Pass
3MHz_Middle_QPSK_8@4	19.55	19.73	0.094	1	Pass
3MHz_Middle_QPSK_8@7	19.54	19.72	0.094	1	Pass
3MHz_Middle_QPSK_15@0	19.51	19.69	0.093	1	Pass
3MHz_Middle_16QAM_1@0	19.75	19.93	0.098	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
3MHz_Middle_16QAM_1@8	19.97	20.15	0.104	1	Pass
3MHz_Middle_16QAM_1@14	19.98	20.16	0.104	1	Pass
3MHz_Middle_16QAM_8@0	19.28	19.46	0.088	1	Pass
3MHz_Middle_16QAM_8@4	19.36	19.54	0.090	1	Pass
3MHz_Middle_16QAM_8@7	19.35	19.53	0.090	1	Pass
3MHz_Middle_16QAM_15@0	19.31	19.49	0.089	1	Pass
3MHz_High_QPSK_1@0	20.24	20.42	0.110	1	Pass
3MHz_High_QPSK_1@8	20.26	20.44	0.111	1	Pass
3MHz_High_QPSK_1@14	20.28	20.46	0.111	1	Pass
3MHz_High_QPSK_8@0	19.15	19.33	0.086	1	Pass
3MHz_High_QPSK_8@4	19.23	19.41	0.087	1	Pass
3MHz_High_QPSK_8@7	19.32	19.50	0.089	1	Pass
3MHz_High_QPSK_15@0	19.21	19.39	0.087	1	Pass
3MHz_High_16QAM_1@0	19.72	19.90	0.098	1	Pass
3MHz_High_16QAM_1@8	19.69	19.87	0.097	1	Pass
3MHz_High_16QAM_1@14	19.75	19.93	0.098	1	Pass
3MHz_High_16QAM_8@0	18.66	18.84	0.077	1	Pass
3MHz_High_16QAM_8@4	18.70	18.88	0.077	1	Pass
3MHz_High_16QAM_8@7	18.67	18.85	0.077	1	Pass
3MHz_High_16QAM_15@0	18.71	18.89	0.077	1	Pass
5MHz_Low_QPSK_1@0	20.76	20.94	0.124	1	Pass
5MHz_Low_QPSK_1@12	20.27	20.45	0.111	1	Pass
5MHz_Low_QPSK_1@24	20.68	20.86	0.122	1	Pass
5MHz_Low_QPSK_12@0	19.58	19.76	0.095	1	Pass
5MHz_Low_QPSK_12@7	19.28	19.46	0.088	1	Pass
5MHz_Low_QPSK_12@13	19.24	19.42	0.087	1	Pass
5MHz_Low_QPSK_25@0	19.28	19.46	0.088	1	Pass
5MHz_Low_16QAM_1@0	19.90	20.08	0.102	1	Pass
5MHz_Low_16QAM_1@12	19.71	19.89	0.097	1	Pass
5MHz_Low_16QAM_1@24	19.96	20.14	0.103	1	Pass
5MHz_Low_16QAM_12@0	18.63	18.81	0.076	1	Pass
5MHz_Low_16QAM_12@7	18.84	19.02	0.080	1	Pass
5MHz_Low_16QAM_12@13	18.79	18.97	0.079	1	Pass
5MHz_Low_16QAM_25@0	18.74	18.92	0.078	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_Middle_QPSK_1@0	20.02	20.20	0.105	1	Pass
5MHz_Middle_QPSK_1@12	20.32	20.50	0.112	1	Pass
5MHz_Middle_QPSK_1@24	20.40	20.58	0.114	1	Pass
5MHz_Middle_QPSK_12@0	19.29	19.47	0.089	1	Pass
5MHz_Middle_QPSK_12@7	19.54	19.72	0.094	1	Pass
5MHz_Middle_QPSK_12@13	19.64	19.82	0.096	1	Pass
5MHz_Middle_QPSK_25@0	19.65	19.83	0.096	1	Pass
5MHz_Middle_16QAM_1@0	19.99	20.17	0.104	1	Pass
5MHz_Middle_16QAM_1@12	20.23	20.41	0.110	1	Pass
5MHz_Middle_16QAM_1@24	19.68	19.86	0.097	1	Pass
5MHz_Middle_16QAM_12@0	19.15	19.33	0.086	1	Pass
5MHz_Middle_16QAM_12@7	19.34	19.52	0.090	1	Pass
5MHz_Middle_16QAM_12@13	19.21	19.39	0.087	1	Pass
5MHz_Middle_16QAM_25@0	19.13	19.31	0.085	1	Pass
5MHz_High_QPSK_1@0	20.15	20.33	0.108	1	Pass
5MHz_High_QPSK_1@12	20.16	20.34	0.108	1	Pass
5MHz_High_QPSK_1@24	20.24	20.42	0.110	1	Pass
5MHz_High_QPSK_12@0	19.18	19.36	0.086	1	Pass
5MHz_High_QPSK_12@7	19.20	19.38	0.087	1	Pass
5MHz_High_QPSK_12@13	19.19	19.37	0.086	1	Pass
5MHz_High_QPSK_25@0	19.22	19.40	0.087	1	Pass
5MHz_High_16QAM_1@0	19.43	19.61	0.091	1	Pass
5MHz_High_16QAM_1@12	19.22	19.40	0.087	1	Pass
5MHz_High_16QAM_1@24	19.30	19.48	0.089	1	Pass
5MHz_High_16QAM_12@0	18.64	18.82	0.076	1	Pass
5MHz_High_16QAM_12@7	18.82	19.00	0.079	1	Pass
5MHz_High_16QAM_12@13	18.68	18.86	0.077	1	Pass
5MHz_High_16QAM_25@0	18.63	18.81	0.076	1	Pass
10MHz_Low_QPSK_1@0	20.68	20.86	0.122	1	Pass
10MHz_Low_QPSK_1@25	20.62	20.80	0.120	1	Pass
10MHz_Low_QPSK_1@49	20.67	20.85	0.122	1	Pass
10MHz_Low_QPSK_25@0	19.26	19.44	0.088	1	Pass
10MHz_Low_QPSK_25@12	19.66	19.84	0.096	1	Pass
10MHz_Low_QPSK_25@25	19.19	19.37	0.086	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_Low_QPSK_50@0	19.66	19.84	0.096	1	Pass
10MHz_Low_16QAM_1@0	20.88	21.06	0.128	1	Pass
10MHz_Low_16QAM_1@25	20.89	21.07	0.128	1	Pass
10MHz_Low_16QAM_1@49	20.81	20.99	0.126	1	Pass
10MHz_Low_16QAM_25@0	18.93	19.11	0.081	1	Pass
10MHz_Low_16QAM_25@12	19.13	19.31	0.085	1	Pass
10MHz_Low_16QAM_25@25	19.42	19.60	0.091	1	Pass
10MHz_Low_16QAM_50@0	19.16	19.34	0.086	1	Pass
10MHz_Middle_QPSK_1@0	20.18	20.36	0.109	1	Pass
10MHz_Middle_QPSK_1@25	20.53	20.71	0.118	1	Pass
10MHz_Middle_QPSK_1@49	20.57	20.75	0.119	1	Pass
10MHz_Middle_QPSK_25@0	19.25	19.43	0.088	1	Pass
10MHz_Middle_QPSK_25@12	19.54	19.72	0.094	1	Pass
10MHz_Middle_QPSK_25@25	19.55	19.73	0.094	1	Pass
10MHz_Middle_QPSK_50@0	19.61	19.79	0.095	1	Pass
10MHz_Middle_16QAM_1@0	19.73	19.91	0.098	1	Pass
10MHz_Middle_16QAM_1@25	20.04	20.22	0.105	1	Pass
10MHz_Middle_16QAM_1@49	20.07	20.25	0.106	1	Pass
10MHz_Middle_16QAM_25@0	19.38	19.56	0.090	1	Pass
10MHz_Middle_16QAM_25@12	19.51	19.69	0.093	1	Pass
10MHz_Middle_16QAM_25@25	19.68	19.86	0.097	1	Pass
10MHz_Middle_16QAM_50@0	19.43	19.61	0.091	1	Pass
10MHz_High_QPSK_1@0	20.42	20.60	0.115	1	Pass
10MHz_High_QPSK_1@25	20.54	20.72	0.118	1	Pass
10MHz_High_QPSK_1@49	20.19	20.37	0.109	1	Pass
10MHz_High_QPSK_25@0	19.16	19.34	0.086	1	Pass
10MHz_High_QPSK_25@12	19.56	19.74	0.094	1	Pass
10MHz_High_QPSK_25@25	19.28	19.46	0.088	1	Pass
10MHz_High_QPSK_50@0	19.67	19.85	0.097	1	Pass
10MHz_High_16QAM_1@0	20.52	20.70	0.117	1	Pass
10MHz_High_16QAM_1@25	20.63	20.81	0.121	1	Pass
10MHz_High_16QAM_1@49	20.32	20.50	0.112	1	Pass
10MHz_High_16QAM_25@0	19.05	19.23	0.084	1	Pass
10MHz_High_16QAM_25@12	19.16	19.34	0.086	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_High_16QAM_25@25	19.39	19.57	0.091	1	Pass
10MHz_High_16QAM_50@0	19.07	19.25	0.084	1	Pass
15MHz_Low_QPSK_1@0	20.73	20.91	0.123	1	Pass
15MHz_Low_QPSK_1@37	20.36	20.54	0.113	1	Pass
15MHz_Low_QPSK_1@74	20.38	20.56	0.114	1	Pass
15MHz_Low_QPSK_36@0	19.65	19.83	0.096	1	Pass
15MHz_Low_QPSK_36@20	19.19	19.37	0.086	1	Pass
15MHz_Low_QPSK_36@39	19.23	19.41	0.087	1	Pass
15MHz_Low_QPSK_75@0	19.19	19.37	0.086	1	Pass
15MHz_Low_16QAM_1@0	20.87	21.05	0.127	1	Pass
15MHz_Low_16QAM_1@37	19.83	20.01	0.100	1	Pass
15MHz_Low_16QAM_1@74	19.86	20.04	0.101	1	Pass
15MHz_Low_16QAM_36@0	18.25	18.43	0.070	1	Pass
15MHz_Low_16QAM_36@20	18.32	18.50	0.071	1	Pass
15MHz_Low_16QAM_36@39	18.50	18.68	0.074	1	Pass
15MHz_Low_16QAM_75@0	18.33	18.51	0.071	1	Pass
15MHz_Middle_QPSK_1@0	20.28	20.46	0.111	1	Pass
15MHz_Middle_QPSK_1@37	20.60	20.78	0.120	1	Pass
15MHz_Middle_QPSK_1@74	20.58	20.76	0.119	1	Pass
15MHz_Middle_QPSK_36@0	19.52	19.70	0.093	1	Pass
15MHz_Middle_QPSK_36@20	19.54	19.72	0.094	1	Pass
15MHz_Middle_QPSK_36@39	19.60	19.78	0.095	1	Pass
15MHz_Middle_QPSK_75@0	19.60	19.78	0.095	1	Pass
15MHz_Middle_16QAM_1@0	20.22	20.40	0.110	1	Pass
15MHz_Middle_16QAM_1@37	20.47	20.65	0.116	1	Pass
15MHz_Middle_16QAM_1@74	20.44	20.62	0.115	1	Pass
15MHz_Middle_16QAM_36@0	19.71	19.89	0.097	1	Pass
15MHz_Middle_16QAM_36@20	19.69	19.87	0.097	1	Pass
15MHz_Middle_16QAM_36@39	19.72	19.90	0.098	1	Pass
15MHz_Middle_16QAM_75@0	19.70	19.88	0.097	1	Pass
15MHz_High_QPSK_1@0	20.16	20.34	0.108	1	Pass
15MHz_High_QPSK_1@37	20.13	20.31	0.107	1	Pass
15MHz_High_QPSK_1@74	20.19	20.37	0.109	1	Pass
15MHz_High_QPSK_36@0	19.58	19.76	0.095	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
15MHz_High_QPSK_36@20	19.21	19.39	0.087	1	Pass
15MHz_High_QPSK_36@39	19.25	19.43	0.088	1	Pass
15MHz_High_QPSK_75@0	19.18	19.36	0.086	1	Pass
15MHz_High_16QAM_1@0	20.29	20.47	0.111	1	Pass
15MHz_High_16QAM_1@37	20.27	20.45	0.111	1	Pass
15MHz_High_16QAM_1@74	20.30	20.48	0.112	1	Pass
15MHz_High_16QAM_36@0	19.26	19.44	0.088	1	Pass
15MHz_High_16QAM_36@20	19.25	19.43	0.088	1	Pass
15MHz_High_16QAM_36@39	19.40	19.58	0.091	1	Pass
15MHz_High_16QAM_75@0	19.30	19.48	0.089	1	Pass
20MHz_Low_QPSK_1@0	20.58	20.76	0.119	1	Pass
20MHz_Low_QPSK_1@49	20.51	20.69	0.117	1	Pass
20MHz_Low_QPSK_1@99	20.56	20.74	0.119	1	Pass
20MHz_Low_QPSK_50@0	19.58	19.76	0.095	1	Pass
20MHz_Low_QPSK_50@24	19.65	19.83	0.096	1	Pass
20MHz_Low_QPSK_50@50	19.21	19.39	0.087	1	Pass
20MHz_Low_QPSK_100@0	19.57	19.75	0.094	1	Pass
20MHz_Low_16QAM_1@0	20.05	20.23	0.105	1	Pass
20MHz_Low_16QAM_1@49	20.05	20.23	0.105	1	Pass
20MHz_Low_16QAM_1@99	20.08	20.26	0.106	1	Pass
20MHz_Low_16QAM_50@0	17.68	17.86	0.061	1	Pass
20MHz_Low_16QAM_50@24	17.98	18.16	0.065	1	Pass
20MHz_Low_16QAM_50@50	18.40	18.58	0.072	1	Pass
20MHz_Low_16QAM_100@0	17.99	18.17	0.066	1	Pass
20MHz_Middle_QPSK_1@0	20.12	20.30	0.107	1	Pass
20MHz_Middle_QPSK_1@49	20.42	20.60	0.115	1	Pass
20MHz_Middle_QPSK_1@99	20.07	20.25	0.106	1	Pass
20MHz_Middle_QPSK_50@0	19.17	19.35	0.086	1	Pass
20MHz_Middle_QPSK_50@24	19.59	19.77	0.095	1	Pass
20MHz_Middle_QPSK_50@50	19.50	19.68	0.093	1	Pass
20MHz_Middle_QPSK_100@0	19.50	19.68	0.093	1	Pass
20MHz_Middle_16QAM_1@0	19.57	19.75	0.094	1	Pass
20MHz_Middle_16QAM_1@49	20.17	20.35	0.108	1	Pass
20MHz_Middle_16QAM_1@99	19.95	20.13	0.103	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
20MHz_Middle_16QAM_50@0	18.06	18.24	0.067	1	Pass
20MHz_Middle_16QAM_50@24	18.22	18.40	0.069	1	Pass
20MHz_Middle_16QAM_50@50	18.41	18.59	0.072	1	Pass
20MHz_Middle_16QAM_100@0	18.24	18.42	0.070	1	Pass
20MHz_High_QPSK_1@0	20.55	20.73	0.118	1	Pass
20MHz_High_QPSK_1@49	20.48	20.66	0.116	1	Pass
20MHz_High_QPSK_1@99	20.24	20.42	0.110	1	Pass
20MHz_High_QPSK_50@0	19.28	19.46	0.088	1	Pass
20MHz_High_QPSK_50@24	19.46	19.64	0.092	1	Pass
20MHz_High_QPSK_50@50	19.64	19.82	0.096	1	Pass
20MHz_High_QPSK_100@0	19.57	19.75	0.094	1	Pass
20MHz_High_16QAM_1@0	19.52	19.70	0.093	1	Pass
20MHz_High_16QAM_1@49	19.48	19.66	0.092	1	Pass
20MHz_High_16QAM_1@99	19.25	19.43	0.088	1	Pass
20MHz_High_16QAM_50@0	16.53	16.71	0.047	1	Pass
20MHz_High_16QAM_50@24	16.53	16.71	0.047	1	Pass
20MHz_High_16QAM_50@50	16.99	17.17	0.052	1	Pass
20MHz_High_16QAM_100@0	16.70	16.88	0.049	1	Pass

Note:

EIRP = Average Conducted Power(dBm) - L_C(dB) + G_T(dBi)

1.Ant Gain = 0.18dBi;

2.C_L = signal attenuation in the connecting cable between the transmitter and antenna in 0dB

FCC Part 27 & IC RSS 130

B12, Normal

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
1.4MHz_Low_QPSK_1@0	23.83	20.67	0.117	3	Pass
1.4MHz_Low_QPSK_1@3	23.86	20.70	0.117	3	Pass
1.4MHz_Low_QPSK_1@5	23.73	20.57	0.114	3	Pass
1.4MHz_Low_QPSK_3@0	23.75	20.59	0.115	3	Pass
1.4MHz_Low_QPSK_3@1	23.81	20.65	0.116	3	Pass
1.4MHz_Low_QPSK_3@3	23.71	20.55	0.114	3	Pass
1.4MHz_Low_QPSK_6@0	22.63	19.47	0.089	3	Pass
1.4MHz_Low_16QAM_1@0	22.99	19.83	0.096	3	Pass

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
1.4MHz_Low_16QAM_1@3	23.07	19.91	0.098	3	Pass
1.4MHz_Low_16QAM_1@5	23.10	19.94	0.099	3	Pass
1.4MHz_Low_16QAM_3@0	22.93	19.77	0.095	3	Pass
1.4MHz_Low_16QAM_3@1	22.91	19.75	0.094	3	Pass
1.4MHz_Low_16QAM_3@3	22.91	19.75	0.094	3	Pass
1.4MHz_Low_16QAM_6@0	22.03	18.87	0.077	3	Pass
1.4MHz_Middle_QPSK_1@0	23.58	20.42	0.110	3	Pass
1.4MHz_Middle_QPSK_1@3	23.80	20.64	0.116	3	Pass
1.4MHz_Middle_QPSK_1@5	23.84	20.68	0.117	3	Pass
1.4MHz_Middle_QPSK_3@0	23.91	20.75	0.119	3	Pass
1.4MHz_Middle_QPSK_3@1	23.94	20.78	0.120	3	Pass
1.4MHz_Middle_QPSK_3@3	23.80	20.64	0.116	3	Pass
1.4MHz_Middle_QPSK_6@0	22.76	19.60	0.091	3	Pass
1.4MHz_Middle_16QAM_1@0	23.68	20.52	0.113	3	Pass
1.4MHz_Middle_16QAM_1@3	23.64	20.48	0.112	3	Pass
1.4MHz_Middle_16QAM_1@5	23.71	20.55	0.114	3	Pass
1.4MHz_Middle_16QAM_3@0	22.87	19.71	0.094	3	Pass
1.4MHz_Middle_16QAM_3@1	22.90	19.74	0.094	3	Pass
1.4MHz_Middle_16QAM_3@3	22.85	19.69	0.093	3	Pass
1.4MHz_Middle_16QAM_6@0	21.85	18.69	0.074	3	Pass
1.4MHz_High_QPSK_1@0	23.52	20.36	0.109	3	Pass
1.4MHz_High_QPSK_1@3	23.72	20.56	0.114	3	Pass
1.4MHz_High_QPSK_1@5	23.74	20.58	0.114	3	Pass
1.4MHz_High_QPSK_3@0	23.54	20.38	0.109	3	Pass
1.4MHz_High_QPSK_3@1	23.65	20.49	0.112	3	Pass
1.4MHz_High_QPSK_3@3	23.73	20.57	0.114	3	Pass
1.4MHz_High_QPSK_6@0	22.77	19.61	0.091	3	Pass
1.4MHz_High_16QAM_1@0	23.60	20.44	0.111	3	Pass
1.4MHz_High_16QAM_1@3	23.88	20.72	0.118	3	Pass
1.4MHz_High_16QAM_1@5	23.33	20.17	0.104	3	Pass
1.4MHz_High_16QAM_3@0	22.42	19.26	0.084	3	Pass
1.4MHz_High_16QAM_3@1	22.73	19.57	0.091	3	Pass
1.4MHz_High_16QAM_3@3	22.83	19.67	0.093	3	Pass
1.4MHz_High_16QAM_6@0	21.72	18.56	0.072	3	Pass

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
3MHz_Low_QPSK_1@0	23.84	20.68	0.117	3	Pass
3MHz_Low_QPSK_1@8	23.80	20.64	0.116	3	Pass
3MHz_Low_QPSK_1@14	23.76	20.60	0.115	3	Pass
3MHz_Low_QPSK_8@0	22.77	19.61	0.091	3	Pass
3MHz_Low_QPSK_8@4	22.69	19.53	0.090	3	Pass
3MHz_Low_QPSK_8@7	22.71	19.55	0.090	3	Pass
3MHz_Low_QPSK_15@0	22.74	19.58	0.091	3	Pass
3MHz_Low_16QAM_1@0	24.07	20.91	0.123	3	Pass
3MHz_Low_16QAM_1@8	24.02	20.86	0.122	3	Pass
3MHz_Low_16QAM_1@14	23.96	20.80	0.120	3	Pass
3MHz_Low_16QAM_8@0	22	18.84	0.077	3	Pass
3MHz_Low_16QAM_8@4	21.88	18.72	0.074	3	Pass
3MHz_Low_16QAM_8@7	21.85	18.69	0.074	3	Pass
3MHz_Low_16QAM_15@0	21.90	18.74	0.075	3	Pass
3MHz_Middle_QPSK_1@0	23.58	20.42	0.110	3	Pass
3MHz_Middle_QPSK_1@8	23.73	20.57	0.114	3	Pass
3MHz_Middle_QPSK_1@14	23.81	20.65	0.116	3	Pass
3MHz_Middle_QPSK_8@0	22.56	19.40	0.087	3	Pass
3MHz_Middle_QPSK_8@4	22.84	19.68	0.093	3	Pass
3MHz_Middle_QPSK_8@7	22.76	19.60	0.091	3	Pass
3MHz_Middle_QPSK_15@0	22.84	19.68	0.093	3	Pass
3MHz_Middle_16QAM_1@0	22.97	19.81	0.096	3	Pass
3MHz_Middle_16QAM_1@8	23.54	20.38	0.109	3	Pass
3MHz_Middle_16QAM_1@14	22.98	19.82	0.096	3	Pass
3MHz_Middle_16QAM_8@0	21.58	18.42	0.070	3	Pass
3MHz_Middle_16QAM_8@4	21.73	18.57	0.072	3	Pass
3MHz_Middle_16QAM_8@7	21.69	18.53	0.071	3	Pass
3MHz_Middle_16QAM_15@0	21.67	18.51	0.071	3	Pass
3MHz_High_QPSK_1@0	23.41	20.25	0.106	3	Pass
3MHz_High_QPSK_1@8	23.45	20.29	0.107	3	Pass
3MHz_High_QPSK_1@14	23.65	20.49	0.112	3	Pass
3MHz_High_QPSK_8@0	22.42	19.26	0.084	3	Pass
3MHz_High_QPSK_8@4	22.50	19.34	0.086	3	Pass
3MHz_High_QPSK_8@7	22.81	19.65	0.092	3	Pass

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
3MHz_High_QPSK_15@0	22.43	19.27	0.085	3	Pass
3MHz_High_16QAM_1@0	23.48	20.32	0.108	3	Pass
3MHz_High_16QAM_1@8	23.35	20.19	0.104	3	Pass
3MHz_High_16QAM_1@14	23.73	20.57	0.114	3	Pass
3MHz_High_16QAM_8@0	21.48	18.32	0.068	3	Pass
3MHz_High_16QAM_8@4	21.42	18.26	0.067	3	Pass
3MHz_High_16QAM_8@7	21.59	18.43	0.070	3	Pass
3MHz_High_16QAM_15@0	21.60	18.44	0.070	3	Pass
5MHz_Low_QPSK_1@0	23.88	20.72	0.118	3	Pass
5MHz_Low_QPSK_1@12	23.57	20.41	0.110	3	Pass
5MHz_Low_QPSK_1@24	23.62	20.46	0.111	3	Pass
5MHz_Low_QPSK_12@0	22.84	19.68	0.093	3	Pass
5MHz_Low_QPSK_12@7	22.80	19.64	0.092	3	Pass
5MHz_Low_QPSK_12@13	22.73	19.57	0.091	3	Pass
5MHz_Low_QPSK_25@0	22.85	19.69	0.093	3	Pass
5MHz_Low_16QAM_1@0	23.43	20.27	0.106	3	Pass
5MHz_Low_16QAM_1@12	23.61	20.45	0.111	3	Pass
5MHz_Low_16QAM_1@24	23.43	20.27	0.106	3	Pass
5MHz_Low_16QAM_12@0	21.96	18.80	0.076	3	Pass
5MHz_Low_16QAM_12@7	21.70	18.54	0.071	3	Pass
5MHz_Low_16QAM_12@13	21.70	18.54	0.071	3	Pass
5MHz_Low_16QAM_25@0	21.82	18.66	0.073	3	Pass
5MHz_Middle_QPSK_1@0	23.40	20.24	0.106	3	Pass
5MHz_Middle_QPSK_1@12	23.70	20.54	0.113	3	Pass
5MHz_Middle_QPSK_1@24	23.33	20.17	0.104	3	Pass
5MHz_Middle_QPSK_12@0	22.74	19.58	0.091	3	Pass
5MHz_Middle_QPSK_12@7	22.93	19.77	0.095	3	Pass
5MHz_Middle_QPSK_12@13	22.86	19.70	0.093	3	Pass
5MHz_Middle_QPSK_25@0	22.90	19.74	0.094	3	Pass
5MHz_Middle_16QAM_1@0	22.95	19.79	0.095	3	Pass
5MHz_Middle_16QAM_1@12	23.02	19.86	0.097	3	Pass
5MHz_Middle_16QAM_1@24	22.40	19.24	0.084	3	Pass
5MHz_Middle_16QAM_12@0	21.74	18.58	0.072	3	Pass
5MHz_Middle_16QAM_12@7	21.74	18.58	0.072	3	Pass

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
5MHz_Middle_16QAM_12@13	21.71	18.55	0.072	3	Pass
5MHz_Middle_16QAM_25@0	21.91	18.75	0.075	3	Pass
5MHz_High_QPSK_1@0	23.47	20.31	0.107	3	Pass
5MHz_High_QPSK_1@12	23.43	20.27	0.106	3	Pass
5MHz_High_QPSK_1@24	23.73	20.57	0.114	3	Pass
5MHz_High_QPSK_12@0	22.81	19.65	0.092	3	Pass
5MHz_High_QPSK_12@7	22.44	19.28	0.085	3	Pass
5MHz_High_QPSK_12@13	22.45	19.29	0.085	3	Pass
5MHz_High_QPSK_25@0	22.48	19.32	0.086	3	Pass
5MHz_High_16QAM_1@0	22.76	19.60	0.091	3	Pass
5MHz_High_16QAM_1@12	22.53	19.37	0.086	3	Pass
5MHz_High_16QAM_1@24	22.85	19.69	0.093	3	Pass
5MHz_High_16QAM_12@0	21.72	18.56	0.072	3	Pass
5MHz_High_16QAM_12@7	21.53	18.37	0.069	3	Pass
5MHz_High_16QAM_12@13	21.38	18.22	0.066	3	Pass
5MHz_High_16QAM_25@0	21.68	18.52	0.071	3	Pass
10MHz_Low_QPSK_1@0	23.81	20.65	0.116	3	Pass
10MHz_Low_QPSK_1@25	23.72	20.56	0.114	3	Pass
10MHz_Low_QPSK_1@49	23.87	20.71	0.118	3	Pass
10MHz_Low_QPSK_25@0	22.79	19.63	0.092	3	Pass
10MHz_Low_QPSK_25@12	22.71	19.55	0.090	3	Pass
10MHz_Low_QPSK_25@25	22.58	19.42	0.087	3	Pass
10MHz_Low_QPSK_50@0	22.55	19.39	0.087	3	Pass
10MHz_Low_16QAM_1@0	23.36	20.20	0.105	3	Pass
10MHz_Low_16QAM_1@25	23.35	20.19	0.104	3	Pass
10MHz_Low_16QAM_1@49	23.39	20.23	0.105	3	Pass
10MHz_Low_16QAM_25@0	21.73	18.57	0.072	3	Pass
10MHz_Low_16QAM_25@12	21.57	18.41	0.069	3	Pass
10MHz_Low_16QAM_25@25	21.76	18.60	0.072	3	Pass
10MHz_Low_16QAM_50@0	21.37	18.21	0.066	3	Pass
10MHz_Middle_QPSK_1@0	23.71	20.55	0.114	3	Pass
10MHz_Middle_QPSK_1@25	23.97	20.81	0.121	3	Pass
10MHz_Middle_QPSK_1@49	23.65	20.49	0.112	3	Pass
10MHz_Middle_QPSK_25@0	22.75	19.59	0.091	3	Pass

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
10MHz_Middle_QPSK_25@12	22.89	19.73	0.094	3	Pass
10MHz_Middle_QPSK_25@25	22.35	19.19	0.083	3	Pass
10MHz_Middle_QPSK_50@0	22.73	19.57	0.091	3	Pass
10MHz_Middle_16QAM_1@0	23.54	20.38	0.109	3	Pass
10MHz_Middle_16QAM_1@25	23.17	20.01	0.100	3	Pass
10MHz_Middle_16QAM_1@49	23.05	19.89	0.097	3	Pass
10MHz_Middle_16QAM_25@0	21.32	18.16	0.065	3	Pass
10MHz_Middle_16QAM_25@12	21.86	18.70	0.074	3	Pass
10MHz_Middle_16QAM_25@25	21.68	18.52	0.071	3	Pass
10MHz_Middle_16QAM_50@0	21.84	18.68	0.074	3	Pass
10MHz_High_QPSK_1@0	23.63	20.47	0.111	3	Pass
10MHz_High_QPSK_1@25	23.50	20.34	0.108	3	Pass
10MHz_High_QPSK_1@49	23.84	20.68	0.117	3	Pass
10MHz_High_QPSK_25@0	22.80	19.64	0.092	3	Pass
10MHz_High_QPSK_25@12	22.20	19.04	0.080	3	Pass
10MHz_High_QPSK_25@25	22.50	19.34	0.086	3	Pass
10MHz_High_QPSK_50@0	22.26	19.10	0.081	3	Pass
10MHz_High_16QAM_1@0	23.63	20.47	0.111	3	Pass
10MHz_High_16QAM_1@25	23.06	19.90	0.098	3	Pass
10MHz_High_16QAM_1@49	23.75	20.59	0.115	3	Pass
10MHz_High_16QAM_25@0	21.69	18.53	0.071	3	Pass
10MHz_High_16QAM_25@12	21.38	18.22	0.066	3	Pass
10MHz_High_16QAM_25@25	21.43	18.27	0.067	3	Pass
10MHz_High_16QAM_50@0	21.44	18.28	0.067	3	Pass

Note:

ERP = Average Conducted Power(dBm) - L_C(dB) + G_T(dBd)

G_T(dBd) = G_T(dBi) - 2.15

1.Ant Gain = -0.91dBi;

2.C_L = signal attenuation in the connecting cable between the transmitter and antenna in 0.1dB

FCC Part 27 & IC RSS 130

B17, Normal

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
5MHz_Low_QPSK_1@0	23.72	20.56	0.114	3	Pass
5MHz_Low_QPSK_1@12	23.59	20.43	0.110	3	Pass
5MHz_Low_QPSK_1@24	23.81	20.65	0.116	3	Pass
5MHz_Low_QPSK_12@0	22.65	19.49	0.089	3	Pass
5MHz_Low_QPSK_12@7	22.69	19.53	0.090	3	Pass
5MHz_Low_QPSK_12@13	22.89	19.73	0.094	3	Pass
5MHz_Low_QPSK_25@0	22.73	19.57	0.091	3	Pass
5MHz_Low_16QAM_1@0	23.11	19.95	0.099	3	Pass
5MHz_Low_16QAM_1@12	23.03	19.87	0.097	3	Pass
5MHz_Low_16QAM_1@24	23.16	20.00	0.100	3	Pass
5MHz_Low_16QAM_12@0	21.68	18.52	0.071	3	Pass
5MHz_Low_16QAM_12@7	21.56	18.40	0.069	3	Pass
5MHz_Low_16QAM_12@13	21.72	18.56	0.072	3	Pass
5MHz_Low_16QAM_25@0	21.75	18.59	0.072	3	Pass
5MHz_Middle_QPSK_1@0	23.67	20.51	0.112	3	Pass
5MHz_Middle_QPSK_1@12	23.30	20.14	0.103	3	Pass
5MHz_Middle_QPSK_1@24	23.39	20.23	0.105	3	Pass
5MHz_Middle_QPSK_12@0	22.78	19.62	0.092	3	Pass
5MHz_Middle_QPSK_12@7	22.39	19.23	0.084	3	Pass
5MHz_Middle_QPSK_12@13	22.87	19.71	0.094	3	Pass
5MHz_Middle_QPSK_25@0	22.32	19.16	0.082	3	Pass
5MHz_Middle_16QAM_1@0	23.05	19.89	0.097	3	Pass
5MHz_Middle_16QAM_1@12	22.36	19.20	0.083	3	Pass
5MHz_Middle_16QAM_1@24	23.04	19.88	0.097	3	Pass
5MHz_Middle_16QAM_12@0	21.83	18.67	0.074	3	Pass
5MHz_Middle_16QAM_12@7	21.45	18.29	0.067	3	Pass
5MHz_Middle_16QAM_12@13	21.79	18.63	0.073	3	Pass
5MHz_Middle_16QAM_25@0	21.60	18.44	0.070	3	Pass
5MHz_High_QPSK_1@0	23.51	20.35	0.108	3	Pass
5MHz_High_QPSK_1@12	23.54	20.38	0.109	3	Pass
5MHz_High_QPSK_1@24	23.68	20.52	0.113	3	Pass
5MHz_High_QPSK_12@0	22.74	19.58	0.091	3	Pass
5MHz_High_QPSK_12@7	22.56	19.40	0.087	3	Pass

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
5MHz_High_QPSK_12@13	22.57	19.41	0.087	3	Pass
5MHz_High_QPSK_25@0	22.51	19.35	0.086	3	Pass
5MHz_High_16QAM_1@0	22.83	19.67	0.093	3	Pass
5MHz_High_16QAM_1@12	22.59	19.43	0.088	3	Pass
5MHz_High_16QAM_1@24	22.86	19.70	0.093	3	Pass
5MHz_High_16QAM_12@0	21.81	18.65	0.073	3	Pass
5MHz_High_16QAM_12@7	21.53	18.37	0.069	3	Pass
5MHz_High_16QAM_12@13	21.47	18.31	0.068	3	Pass
5MHz_High_16QAM_25@0	21.75	18.59	0.072	3	Pass
10MHz_Low_QPSK_1@0	23.72	20.56	0.114	3	Pass
10MHz_Low_QPSK_1@25	23.96	20.80	0.120	3	Pass
10MHz_Low_QPSK_1@49	23.72	20.56	0.114	3	Pass
10MHz_Low_QPSK_25@0	22.64	19.48	0.089	3	Pass
10MHz_Low_QPSK_25@12	22.86	19.70	0.093	3	Pass
10MHz_Low_QPSK_25@25	22.86	19.70	0.093	3	Pass
10MHz_Low_QPSK_50@0	22.90	19.74	0.094	3	Pass
10MHz_Low_16QAM_1@0	23.40	20.24	0.106	3	Pass
10MHz_Low_16QAM_1@25	23.40	20.24	0.106	3	Pass
10MHz_Low_16QAM_1@49	23.23	20.07	0.102	3	Pass
10MHz_Low_16QAM_25@0	21.55	18.39	0.069	3	Pass
10MHz_Low_16QAM_25@12	21.87	18.71	0.074	3	Pass
10MHz_Low_16QAM_25@25	21.90	18.74	0.075	3	Pass
10MHz_Low_16QAM_50@0	21.81	18.65	0.073	3	Pass
10MHz_Middle_QPSK_1@0	23.55	20.39	0.109	3	Pass
10MHz_Middle_QPSK_1@25	23.50	20.34	0.108	3	Pass
10MHz_Middle_QPSK_1@49	23.75	20.59	0.115	3	Pass
10MHz_Middle_QPSK_25@0	22.94	19.78	0.095	3	Pass
10MHz_Middle_QPSK_25@12	22.28	19.12	0.082	3	Pass
10MHz_Middle_QPSK_25@25	22.78	19.62	0.092	3	Pass
10MHz_Middle_QPSK_50@0	22.23	19.07	0.081	3	Pass
10MHz_Middle_16QAM_1@0	23.54	20.38	0.109	3	Pass
10MHz_Middle_16QAM_1@25	22.58	19.42	0.087	3	Pass
10MHz_Middle_16QAM_1@49	22.77	19.61	0.091	3	Pass
10MHz_Middle_16QAM_25@0	21.51	18.35	0.068	3	Pass

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
10MHz_Middle_16QAM_25@12	21.66	18.50	0.071	3	Pass
10MHz_Middle_16QAM_25@25	21.97	18.81	0.076	3	Pass
10MHz_Middle_16QAM_50@0	21.59	18.43	0.070	3	Pass
10MHz_High_QPSK_1@0	23.78	20.62	0.115	3	Pass
10MHz_High_QPSK_1@25	23.47	20.31	0.107	3	Pass
10MHz_High_QPSK_1@49	23.91	20.75	0.119	3	Pass
10MHz_High_QPSK_25@0	22.90	19.74	0.094	3	Pass
10MHz_High_QPSK_25@12	22.30	19.14	0.082	3	Pass
10MHz_High_QPSK_25@25	22.59	19.43	0.088	3	Pass
10MHz_High_QPSK_50@0	22.43	19.27	0.085	3	Pass
10MHz_High_16QAM_1@0	23.60	20.44	0.111	3	Pass
10MHz_High_16QAM_1@25	23.16	20.00	0.100	3	Pass
10MHz_High_16QAM_1@49	23.82	20.66	0.116	3	Pass
10MHz_High_16QAM_25@0	21.69	18.53	0.071	3	Pass
10MHz_High_16QAM_25@12	21.47	18.31	0.068	3	Pass
10MHz_High_16QAM_25@25	21.64	18.48	0.070	3	Pass
10MHz_High_16QAM_50@0	21.58	18.42	0.070	3	Pass

Note:

ERP = Average Conducted Power(dBm) - L_C(dB) + G_T(dBd)

G_T(dBd) = G_T(dBi) - 2.15

1.Ant Gain = -0.91dBi;

2.C_L = signal attenuation in the connecting cable between the transmitter and antenna in 0.1dB

FCC Part 27 & IC RSS 139

B66, Normal

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
1.4MHz_Low_QPSK_1@0	19.58	19.76	0.095	1	Pass
1.4MHz_Low_QPSK_1@3	19.63	19.81	0.096	1	Pass
1.4MHz_Low_QPSK_1@5	19.69	19.87	0.097	1	Pass
1.4MHz_Low_QPSK_3@0	19.68	19.86	0.097	1	Pass
1.4MHz_Low_QPSK_3@1	19.61	19.79	0.095	1	Pass
1.4MHz_Low_QPSK_3@3	19.70	19.88	0.097	1	Pass
1.4MHz_Low_QPSK_6@0	18.70	18.88	0.077	1	Pass
1.4MHz_Low_16QAM_1@0	19.22	19.40	0.087	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
1.4MHz_Low_16QAM_1@3	19.23	19.41	0.087	1	Pass
1.4MHz_Low_16QAM_1@5	19.26	19.44	0.088	1	Pass
1.4MHz_Low_16QAM_3@0	19.07	19.25	0.084	1	Pass
1.4MHz_Low_16QAM_3@1	19.14	19.32	0.086	1	Pass
1.4MHz_Low_16QAM_3@3	19.12	19.30	0.085	1	Pass
1.4MHz_Low_16QAM_6@0	18.52	18.70	0.074	1	Pass
1.4MHz_Middle_QPSK_1@0	19.29	19.47	0.089	1	Pass
1.4MHz_Middle_QPSK_1@3	19.28	19.46	0.088	1	Pass
1.4MHz_Middle_QPSK_1@5	19.23	19.41	0.087	1	Pass
1.4MHz_Middle_QPSK_3@0	19.25	19.43	0.088	1	Pass
1.4MHz_Middle_QPSK_3@1	19.30	19.48	0.089	1	Pass
1.4MHz_Middle_QPSK_3@3	19.24	19.42	0.087	1	Pass
1.4MHz_Middle_QPSK_6@0	18.47	18.65	0.073	1	Pass
1.4MHz_Middle_16QAM_1@0	19.22	19.40	0.087	1	Pass
1.4MHz_Middle_16QAM_1@3	19.31	19.49	0.089	1	Pass
1.4MHz_Middle_16QAM_1@5	19.24	19.42	0.087	1	Pass
1.4MHz_Middle_16QAM_3@0	18.52	18.70	0.074	1	Pass
1.4MHz_Middle_16QAM_3@1	18.48	18.66	0.073	1	Pass
1.4MHz_Middle_16QAM_3@3	18.52	18.70	0.074	1	Pass
1.4MHz_Middle_16QAM_6@0	17.54	17.72	0.059	1	Pass
1.4MHz_High_QPSK_1@0	19.03	19.21	0.083	1	Pass
1.4MHz_High_QPSK_1@3	19.10	19.28	0.085	1	Pass
1.4MHz_High_QPSK_1@5	19.15	19.33	0.086	1	Pass
1.4MHz_High_QPSK_3@0	19.05	19.23	0.084	1	Pass
1.4MHz_High_QPSK_3@1	19.01	19.19	0.083	1	Pass
1.4MHz_High_QPSK_3@3	19	19.18	0.083	1	Pass
1.4MHz_High_QPSK_6@0	18.01	18.19	0.066	1	Pass
1.4MHz_High_16QAM_1@0	19.47	19.65	0.092	1	Pass
1.4MHz_High_16QAM_1@3	19.49	19.67	0.093	1	Pass
1.4MHz_High_16QAM_1@5	19.40	19.58	0.091	1	Pass
1.4MHz_High_16QAM_3@0	18.17	18.35	0.068	1	Pass
1.4MHz_High_16QAM_3@1	18.16	18.34	0.068	1	Pass
1.4MHz_High_16QAM_3@3	18.18	18.36	0.069	1	Pass
1.4MHz_High_16QAM_6@0	16.84	17.02	0.050	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
3MHz_Low_QPSK_1@0	19.84	20.02	0.100	1	Pass
3MHz_Low_QPSK_1@8	19.87	20.05	0.101	1	Pass
3MHz_Low_QPSK_1@14	19.42	19.60	0.091	1	Pass
3MHz_Low_QPSK_8@0	18.68	18.86	0.077	1	Pass
3MHz_Low_QPSK_8@4	18.77	18.95	0.079	1	Pass
3MHz_Low_QPSK_8@7	18.26	18.44	0.070	1	Pass
3MHz_Low_QPSK_15@0	18.79	18.97	0.079	1	Pass
3MHz_Low_16QAM_1@0	19.34	19.52	0.090	1	Pass
3MHz_Low_16QAM_1@8	19.28	19.46	0.088	1	Pass
3MHz_Low_16QAM_1@14	18.94	19.12	0.082	1	Pass
3MHz_Low_16QAM_8@0	19.05	19.23	0.084	1	Pass
3MHz_Low_16QAM_8@4	19.17	19.35	0.086	1	Pass
3MHz_Low_16QAM_8@7	19.09	19.27	0.085	1	Pass
3MHz_Low_16QAM_15@0	18.98	19.16	0.082	1	Pass
3MHz_Middle_QPSK_1@0	19.19	19.37	0.086	1	Pass
3MHz_Middle_QPSK_1@8	19.19	19.37	0.086	1	Pass
3MHz_Middle_QPSK_1@14	19.13	19.31	0.085	1	Pass
3MHz_Middle_QPSK_8@0	18.53	18.71	0.074	1	Pass
3MHz_Middle_QPSK_8@4	18.57	18.75	0.075	1	Pass
3MHz_Middle_QPSK_8@7	18.54	18.72	0.074	1	Pass
3MHz_Middle_QPSK_15@0	18.56	18.74	0.075	1	Pass
3MHz_Middle_16QAM_1@0	18.48	18.66	0.073	1	Pass
3MHz_Middle_16QAM_1@8	18.38	18.56	0.072	1	Pass
3MHz_Middle_16QAM_1@14	18.13	18.31	0.068	1	Pass
3MHz_Middle_16QAM_8@0	17.57	17.75	0.060	1	Pass
3MHz_Middle_16QAM_8@4	17.64	17.82	0.061	1	Pass
3MHz_Middle_16QAM_8@7	17.64	17.82	0.061	1	Pass
3MHz_Middle_16QAM_15@0	17.53	17.71	0.059	1	Pass
3MHz_High_QPSK_1@0	19.60	19.78	0.095	1	Pass
3MHz_High_QPSK_1@8	19.12	19.30	0.085	1	Pass
3MHz_High_QPSK_1@14	19.13	19.31	0.085	1	Pass
3MHz_High_QPSK_8@0	18.35	18.53	0.071	1	Pass
3MHz_High_QPSK_8@4	17.95	18.13	0.065	1	Pass
3MHz_High_QPSK_8@7	18.09	18.27	0.067	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
3MHz_High_QPSK_15@0	18.11	18.29	0.067	1	Pass
3MHz_High_16QAM_1@0	19.52	19.70	0.093	1	Pass
3MHz_High_16QAM_1@8	19.18	19.36	0.086	1	Pass
3MHz_High_16QAM_1@14	19.18	19.36	0.086	1	Pass
3MHz_High_16QAM_8@0	18.29	18.47	0.070	1	Pass
3MHz_High_16QAM_8@4	18.28	18.46	0.070	1	Pass
3MHz_High_16QAM_8@7	18.26	18.44	0.070	1	Pass
3MHz_High_16QAM_15@0	18.23	18.41	0.069	1	Pass
5MHz_Low_QPSK_1@0	20	20.18	0.104	1	Pass
5MHz_Low_QPSK_1@12	19.63	19.81	0.096	1	Pass
5MHz_Low_QPSK_1@24	19.61	19.79	0.095	1	Pass
5MHz_Low_QPSK_12@0	18.82	19.00	0.079	1	Pass
5MHz_Low_QPSK_12@7	18.43	18.61	0.073	1	Pass
5MHz_Low_QPSK_12@13	18.46	18.64	0.073	1	Pass
5MHz_Low_QPSK_25@0	18.48	18.66	0.073	1	Pass
5MHz_Low_16QAM_1@0	19.28	19.46	0.088	1	Pass
5MHz_Low_16QAM_1@12	18.52	18.70	0.074	1	Pass
5MHz_Low_16QAM_1@24	18.85	19.03	0.080	1	Pass
5MHz_Low_16QAM_12@0	18.08	18.26	0.067	1	Pass
5MHz_Low_16QAM_12@7	18.41	18.59	0.072	1	Pass
5MHz_Low_16QAM_12@13	18.28	18.46	0.070	1	Pass
5MHz_Low_16QAM_25@0	18.35	18.53	0.071	1	Pass
5MHz_Middle_QPSK_1@0	19.20	19.38	0.087	1	Pass
5MHz_Middle_QPSK_1@12	19.35	19.53	0.090	1	Pass
5MHz_Middle_QPSK_1@24	19.39	19.57	0.091	1	Pass
5MHz_Middle_QPSK_12@0	18.74	18.92	0.078	1	Pass
5MHz_Middle_QPSK_12@7	18.66	18.84	0.077	1	Pass
5MHz_Middle_QPSK_12@13	18.32	18.50	0.071	1	Pass
5MHz_Middle_QPSK_25@0	18.75	18.93	0.078	1	Pass
5MHz_Middle_16QAM_1@0	19.83	20.01	0.100	1	Pass
5MHz_Middle_16QAM_1@12	19.87	20.05	0.101	1	Pass
5MHz_Middle_16QAM_1@24	19.54	19.72	0.094	1	Pass
5MHz_Middle_16QAM_12@0	18.62	18.80	0.076	1	Pass
5MHz_Middle_16QAM_12@7	18.72	18.90	0.078	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_Middle_16QAM_12@13	18.59	18.77	0.075	1	Pass
5MHz_Middle_16QAM_25@0	18.52	18.70	0.074	1	Pass
5MHz_High_QPSK_1@0	18.77	18.95	0.079	1	Pass
5MHz_High_QPSK_1@12	19.12	19.30	0.085	1	Pass
5MHz_High_QPSK_1@24	18.74	18.92	0.078	1	Pass
5MHz_High_QPSK_12@0	18.31	18.49	0.071	1	Pass
5MHz_High_QPSK_12@7	18.33	18.51	0.071	1	Pass
5MHz_High_QPSK_12@13	17.96	18.14	0.065	1	Pass
5MHz_High_QPSK_25@0	18.20	18.38	0.069	1	Pass
5MHz_High_16QAM_1@0	19.04	19.22	0.084	1	Pass
5MHz_High_16QAM_1@12	19.06	19.24	0.084	1	Pass
5MHz_High_16QAM_1@24	18.69	18.87	0.077	1	Pass
5MHz_High_16QAM_12@0	18.23	18.41	0.069	1	Pass
5MHz_High_16QAM_12@7	18.45	18.63	0.073	1	Pass
5MHz_High_16QAM_12@13	18.29	18.47	0.070	1	Pass
5MHz_High_16QAM_25@0	18.11	18.29	0.067	1	Pass
10MHz_Low_QPSK_1@0	19.70	19.88	0.097	1	Pass
10MHz_Low_QPSK_1@25	19.28	19.46	0.088	1	Pass
10MHz_Low_QPSK_1@49	19.28	19.46	0.088	1	Pass
10MHz_Low_QPSK_25@0	18.27	18.45	0.070	1	Pass
10MHz_Low_QPSK_25@12	18.63	18.81	0.076	1	Pass
10MHz_Low_QPSK_25@25	18.14	18.32	0.068	1	Pass
10MHz_Low_QPSK_50@0	18.51	18.69	0.074	1	Pass
10MHz_Low_16QAM_1@0	19.96	20.14	0.103	1	Pass
10MHz_Low_16QAM_1@25	19.96	20.14	0.103	1	Pass
10MHz_Low_16QAM_1@49	19.56	19.74	0.094	1	Pass
10MHz_Low_16QAM_25@0	17.62	17.80	0.060	1	Pass
10MHz_Low_16QAM_25@12	17.85	18.03	0.064	1	Pass
10MHz_Low_16QAM_25@25	18.20	18.38	0.069	1	Pass
10MHz_Low_16QAM_50@0	17.80	17.98	0.063	1	Pass
10MHz_Middle_QPSK_1@0	18.92	19.10	0.081	1	Pass
10MHz_Middle_QPSK_1@25	18.95	19.13	0.082	1	Pass
10MHz_Middle_QPSK_1@49	19.01	19.19	0.083	1	Pass
10MHz_Middle_QPSK_25@0	18.48	18.66	0.073	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_Middle_QPSK_25@12	18.40	18.58	0.072	1	Pass
10MHz_Middle_QPSK_25@25	18.01	18.19	0.066	1	Pass
10MHz_Middle_QPSK_50@0	18.44	18.62	0.073	1	Pass
10MHz_Middle_16QAM_1@0	18.99	19.17	0.083	1	Pass
10MHz_Middle_16QAM_1@25	18.97	19.15	0.082	1	Pass
10MHz_Middle_16QAM_1@49	18.60	18.78	0.076	1	Pass
10MHz_Middle_16QAM_25@0	17.53	17.71	0.059	1	Pass
10MHz_Middle_16QAM_25@12	17.68	17.86	0.061	1	Pass
10MHz_Middle_16QAM_25@25	17.93	18.11	0.065	1	Pass
10MHz_Middle_16QAM_50@0	17.64	17.82	0.061	1	Pass
10MHz_High_QPSK_1@0	19.07	19.25	0.084	1	Pass
10MHz_High_QPSK_1@25	18.99	19.17	0.083	1	Pass
10MHz_High_QPSK_1@49	19.04	19.22	0.084	1	Pass
10MHz_High_QPSK_25@0	18.43	18.61	0.073	1	Pass
10MHz_High_QPSK_25@12	18.32	18.50	0.071	1	Pass
10MHz_High_QPSK_25@25	18.32	18.50	0.071	1	Pass
10MHz_High_QPSK_50@0	18.39	18.57	0.072	1	Pass
10MHz_High_16QAM_1@0	19.02	19.20	0.083	1	Pass
10MHz_High_16QAM_1@25	19.27	19.45	0.088	1	Pass
10MHz_High_16QAM_1@49	18.96	19.14	0.082	1	Pass
10MHz_High_16QAM_25@0	17.68	17.86	0.061	1	Pass
10MHz_High_16QAM_25@12	17.78	17.96	0.063	1	Pass
10MHz_High_16QAM_25@25	17.93	18.11	0.065	1	Pass
10MHz_High_16QAM_50@0	17.73	17.91	0.062	1	Pass
15MHz_Low_QPSK_1@0	19.73	19.91	0.098	1	Pass
15MHz_Low_QPSK_1@37	19.21	19.39	0.087	1	Pass
15MHz_Low_QPSK_1@74	19.29	19.47	0.089	1	Pass
15MHz_Low_QPSK_36@0	18.62	18.80	0.076	1	Pass
15MHz_Low_QPSK_36@20	18.09	18.27	0.067	1	Pass
15MHz_Low_QPSK_36@39	18.12	18.30	0.068	1	Pass
15MHz_Low_QPSK_75@0	18.16	18.34	0.068	1	Pass
15MHz_Low_16QAM_1@0	20	20.18	0.104	1	Pass
15MHz_Low_16QAM_1@37	19.50	19.68	0.093	1	Pass
15MHz_Low_16QAM_1@74	19.52	19.70	0.093	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
15MHz_Low_16QAM_36@0	18.06	18.24	0.067	1	Pass
15MHz_Low_16QAM_36@20	18.22	18.40	0.069	1	Pass
15MHz_Low_16QAM_36@39	18.44	18.62	0.073	1	Pass
15MHz_Low_16QAM_75@0	18.18	18.36	0.069	1	Pass
15MHz_Middle_QPSK_1@0	18.93	19.11	0.081	1	Pass
15MHz_Middle_QPSK_1@37	19.03	19.21	0.083	1	Pass
15MHz_Middle_QPSK_1@74	18.94	19.12	0.082	1	Pass
15MHz_Middle_QPSK_36@0	18.38	18.56	0.072	1	Pass
15MHz_Middle_QPSK_36@20	18.53	18.71	0.074	1	Pass
15MHz_Middle_QPSK_36@39	18.04	18.22	0.066	1	Pass
15MHz_Middle_QPSK_75@0	18.41	18.59	0.072	1	Pass
15MHz_Middle_16QAM_1@0	19.44	19.62	0.092	1	Pass
15MHz_Middle_16QAM_1@37	19.44	19.62	0.092	1	Pass
15MHz_Middle_16QAM_1@74	19.53	19.71	0.094	1	Pass
15MHz_Middle_16QAM_36@0	18.16	18.34	0.068	1	Pass
15MHz_Middle_16QAM_36@20	17.47	17.65	0.058	1	Pass
15MHz_Middle_16QAM_36@39	17.62	17.80	0.060	1	Pass
15MHz_Middle_16QAM_75@0	17.52	17.70	0.059	1	Pass
15MHz_High_QPSK_1@0	18.96	19.14	0.082	1	Pass
15MHz_High_QPSK_1@37	19.03	19.21	0.083	1	Pass
15MHz_High_QPSK_1@74	19.01	19.19	0.083	1	Pass
15MHz_High_QPSK_36@0	18.30	18.48	0.070	1	Pass
15MHz_High_QPSK_36@20	18.34	18.52	0.071	1	Pass
15MHz_High_QPSK_36@39	18.30	18.48	0.070	1	Pass
15MHz_High_QPSK_75@0	18.39	18.57	0.072	1	Pass
15MHz_High_16QAM_1@0	19.34	19.52	0.090	1	Pass
15MHz_High_16QAM_1@37	19.29	19.47	0.089	1	Pass
15MHz_High_16QAM_1@74	18.97	19.15	0.082	1	Pass
15MHz_High_16QAM_36@0	18.42	18.60	0.072	1	Pass
15MHz_High_16QAM_36@20	18.19	18.37	0.069	1	Pass
15MHz_High_16QAM_36@39	18.22	18.40	0.069	1	Pass
15MHz_High_16QAM_75@0	18.30	18.48	0.070	1	Pass
20MHz_Low_QPSK_1@0	19.57	19.75	0.094	1	Pass
20MHz_Low_QPSK_1@49	19.06	19.24	0.084	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
20MHz_Low_QPSK_1@99	19.07	19.25	0.084	1	Pass
20MHz_Low_QPSK_50@0	18.55	18.73	0.075	1	Pass
20MHz_Low_QPSK_50@24	18.17	18.35	0.068	1	Pass
20MHz_Low_QPSK_50@50	18.09	18.27	0.067	1	Pass
20MHz_Low_QPSK_100@0	18.07	18.25	0.067	1	Pass
20MHz_Low_16QAM_1@0	19.01	19.19	0.083	1	Pass
20MHz_Low_16QAM_1@49	18.52	18.70	0.074	1	Pass
20MHz_Low_16QAM_1@99	18.93	19.11	0.081	1	Pass
20MHz_Low_16QAM_50@0	16.75	16.93	0.049	1	Pass
20MHz_Low_16QAM_50@24	17.03	17.21	0.053	1	Pass
20MHz_Low_16QAM_50@50	17.50	17.68	0.059	1	Pass
20MHz_Low_16QAM_100@0	17.08	17.26	0.053	1	Pass
20MHz_Middle_QPSK_1@0	18.95	19.13	0.082	1	Pass
20MHz_Middle_QPSK_1@49	18.84	19.02	0.080	1	Pass
20MHz_Middle_QPSK_1@99	18.86	19.04	0.080	1	Pass
20MHz_Middle_QPSK_50@0	18.41	18.59	0.072	1	Pass
20MHz_Middle_QPSK_50@24	18.41	18.59	0.072	1	Pass
20MHz_Middle_QPSK_50@50	18.06	18.24	0.067	1	Pass
20MHz_Middle_QPSK_100@0	18.34	18.52	0.071	1	Pass
20MHz_Middle_16QAM_1@0	18.77	18.95	0.079	1	Pass
20MHz_Middle_16QAM_1@49	19	19.18	0.083	1	Pass
20MHz_Middle_16QAM_1@99	19.01	19.19	0.083	1	Pass
20MHz_Middle_16QAM_50@0	16.53	16.71	0.047	1	Pass
20MHz_Middle_16QAM_50@24	16.61	16.79	0.048	1	Pass
20MHz_Middle_16QAM_50@50	17.09	17.27	0.053	1	Pass
20MHz_Middle_16QAM_100@0	16.82	17.00	0.050	1	Pass
20MHz_High_QPSK_1@0	18.98	19.16	0.082	1	Pass
20MHz_High_QPSK_1@49	18.92	19.10	0.081	1	Pass
20MHz_High_QPSK_1@99	18.98	19.16	0.082	1	Pass
20MHz_High_QPSK_50@0	18.40	18.58	0.072	1	Pass
20MHz_High_QPSK_50@24	18.33	18.51	0.071	1	Pass
20MHz_High_QPSK_50@50	18.37	18.55	0.072	1	Pass
20MHz_High_QPSK_100@0	18.32	18.50	0.071	1	Pass
20MHz_High_16QAM_1@0	18.68	18.86	0.077	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
20MHz_High_16QAM_1@49	19.03	19.21	0.083	1	Pass
20MHz_High_16QAM_1@99	18.73	18.91	0.078	1	Pass
20MHz_High_16QAM_50@0	16.76	16.94	0.049	1	Pass
20MHz_High_16QAM_50@24	16.73	16.91	0.049	1	Pass
20MHz_High_16QAM_50@50	16.89	17.07	0.051	1	Pass
20MHz_High_16QAM_100@0	16.76	16.94	0.049	1	Pass

Note:

EIRP = Average Conducted Power(dBm) - L_C(dB) + G_T(dBi)

1.Ant Gain = 0.18dBi;

2.C_L = signal attenuation in the connecting cable between the transmitter and antenna in 0dB

FCC Part 27 & IC RSS 199

B7, Normal

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_Low_QPSK_1@0	21.96	22.34	0.171	2	Pass
5MHz_Low_QPSK_1@12	21.98	22.36	0.172	2	Pass
5MHz_Low_QPSK_1@24	22	22.38	0.173	2	Pass
5MHz_Low_QPSK_12@0	20.76	21.14	0.130	2	Pass
5MHz_Low_QPSK_12@7	20.85	21.23	0.133	2	Pass
5MHz_Low_QPSK_12@13	20.84	21.22	0.132	2	Pass
5MHz_Low_QPSK_25@0	20.85	21.23	0.133	2	Pass
5MHz_Low_16QAM_1@0	21.77	22.15	0.164	2	Pass
5MHz_Low_16QAM_1@12	21.74	22.12	0.163	2	Pass
5MHz_Low_16QAM_1@24	21.72	22.10	0.162	2	Pass
5MHz_Low_16QAM_12@0	19.69	20.07	0.102	2	Pass
5MHz_Low_16QAM_12@7	19.86	20.24	0.106	2	Pass
5MHz_Low_16QAM_12@13	19.85	20.23	0.105	2	Pass
5MHz_Low_16QAM_25@0	19.96	20.34	0.108	2	Pass
5MHz_Middle_QPSK_1@0	21.73	22.11	0.163	2	Pass
5MHz_Middle_QPSK_1@12	21.76	22.14	0.164	2	Pass
5MHz_Middle_QPSK_1@24	21.65	22.03	0.160	2	Pass
5MHz_Middle_QPSK_12@0	20.83	21.21	0.132	2	Pass
5MHz_Middle_QPSK_12@7	20.89	21.27	0.134	2	Pass
5MHz_Middle_QPSK_12@13	21.21	21.59	0.144	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_Middle_QPSK_25@0	20.78	21.16	0.131	2	Pass
5MHz_Middle_16QAM_1@0	21.44	21.82	0.152	2	Pass
5MHz_Middle_16QAM_1@12	21.47	21.85	0.153	2	Pass
5MHz_Middle_16QAM_1@24	21.93	22.31	0.170	2	Pass
5MHz_Middle_16QAM_12@0	19.66	20.04	0.101	2	Pass
5MHz_Middle_16QAM_12@7	19.76	20.14	0.103	2	Pass
5MHz_Middle_16QAM_12@13	20.20	20.58	0.114	2	Pass
5MHz_Middle_16QAM_25@0	19.90	20.28	0.107	2	Pass
5MHz_High_QPSK_1@0	21.91	22.29	0.169	2	Pass
5MHz_High_QPSK_1@12	21.79	22.17	0.165	2	Pass
5MHz_High_QPSK_1@24	21.88	22.26	0.168	2	Pass
5MHz_High_QPSK_12@0	20.89	21.27	0.134	2	Pass
5MHz_High_QPSK_12@7	20.92	21.30	0.135	2	Pass
5MHz_High_QPSK_12@13	20.83	21.21	0.132	2	Pass
5MHz_High_QPSK_25@0	20.81	21.19	0.132	2	Pass
5MHz_High_16QAM_1@0	21.21	21.59	0.144	2	Pass
5MHz_High_16QAM_1@12	21.12	21.50	0.141	2	Pass
5MHz_High_16QAM_1@24	21.17	21.55	0.143	2	Pass
5MHz_High_16QAM_12@0	19.81	20.19	0.104	2	Pass
5MHz_High_16QAM_12@7	19.77	20.15	0.104	2	Pass
5MHz_High_16QAM_12@13	19.81	20.19	0.104	2	Pass
5MHz_High_16QAM_25@0	19.91	20.29	0.107	2	Pass
10MHz_Low_QPSK_1@0	21.92	22.30	0.170	2	Pass
10MHz_Low_QPSK_1@25	21.99	22.37	0.173	2	Pass
10MHz_Low_QPSK_1@49	21.97	22.35	0.172	2	Pass
10MHz_Low_QPSK_25@0	20.80	21.18	0.131	2	Pass
10MHz_Low_QPSK_25@12	20.86	21.24	0.133	2	Pass
10MHz_Low_QPSK_25@25	20.82	21.20	0.132	2	Pass
10MHz_Low_QPSK_50@0	20.72	21.10	0.129	2	Pass
10MHz_Low_16QAM_1@0	22.15	22.53	0.179	2	Pass
10MHz_Low_16QAM_1@25	22.14	22.52	0.179	2	Pass
10MHz_Low_16QAM_1@49	22.16	22.54	0.179	2	Pass
10MHz_Low_16QAM_25@0	19.96	20.34	0.108	2	Pass
10MHz_Low_16QAM_25@12	19.91	20.29	0.107	2	Pass