

1. Transmitter Conducted Output Power And ERP/EIRP

Test Result

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)	ERP/EIRP(Limit) (dBm)	Verdict
7	5.0	20775	2502.5	QPSK	1@0	23.15	18.57	0.072	33.01	PASS
7	5.0	20775	2502.5	QPSK	1@12	23.32	18.74	0.075	33.01	PASS
7	5.0	20775	2502.5	QPSK	1@24	23.13	18.55	0.072	33.01	PASS
7	5.0	20775	2502.5	QPSK	12@0	23.76	19.18	0.083	33.01	PASS
7	5.0	20775	2502.5	QPSK	12@6	22.44	17.86	0.061	33.01	PASS
7	5.0	20775	2502.5	QPSK	12@11	21.76	17.18	0.052	33.01	PASS
7	5.0	20775	2502.5	QPSK	25@0	22.39	17.81	0.060	33.01	PASS
7	5.0	20775	2502.5	16QAM	1@0	23.74	19.16	0.082	33.01	PASS
7	5.0	20775	2502.5	16QAM	1@12	22.67	18.09	0.064	33.01	PASS
7	5.0	20775	2502.5	16QAM	1@24	22.27	17.69	0.059	33.01	PASS
7	5.0	20775	2502.5	16QAM	12@0	22.16	17.58	0.057	33.01	PASS
7	5.0	20775	2502.5	16QAM	12@6	22.57	17.99	0.063	33.01	PASS
7	5.0	20775	2502.5	16QAM	12@11	22.81	18.23	0.067	33.01	PASS
7	5.0	20775	2502.5	16QAM	25@0	21.88	17.30	0.054	33.01	PASS
7	5.0	21100	2535.0	QPSK	1@0	23.72	19.14	0.082	33.01	PASS
7	5.0	21100	2535.0	QPSK	1@12	22.28	17.70	0.059	33.01	PASS
7	5.0	21100	2535.0	QPSK	1@24	22.90	18.32	0.068	33.01	PASS
7	5.0	21100	2535.0	QPSK	12@0	22.30	17.72	0.059	33.01	PASS
7	5.0	21100	2535.0	QPSK	12@6	23.15	18.57	0.072	33.01	PASS
7	5.0	21100	2535.0	QPSK	12@11	22.66	18.08	0.064	33.01	PASS
7	5.0	21100	2535.0	QPSK	25@0	23.76	19.18	0.083	33.01	PASS
7	5.0	21100	2535.0	16QAM	1@0	23.51	18.93	0.078	33.01	PASS
7	5.0	21100	2535.0	16QAM	1@12	22.22	17.64	0.058	33.01	PASS
7	5.0	21100	2535.0	16QAM	1@24	22.87	18.29	0.067	33.01	PASS
7	5.0	21100	2535.0	16QAM	12@0	24.32	19.74	0.094	33.01	PASS
7	5.0	21100	2535.0	16QAM	12@6	23.38	18.80	0.076	33.01	PASS
7	5.0	21100	2535.0	16QAM	12@11	22.38	17.80	0.060	33.01	PASS
7	5.0	21100	2535.0	16QAM	25@0	23.42	18.84	0.077	33.01	PASS
7	5.0	21425	2567.5	QPSK	1@0	22.85	18.27	0.067	33.01	PASS
7	5.0	21425	2567.5	QPSK	1@12	24.09	19.51	0.089	33.01	PASS
7	5.0	21425	2567.5	QPSK	1@24	23.45	18.87	0.077	33.01	PASS
7	5.0	21425	2567.5	QPSK	12@0	24.17	19.59	0.091	33.01	PASS
7	5.0	21425	2567.5	QPSK	12@6	22.70	18.12	0.065	33.01	PASS
7	5.0	21425	2567.5	QPSK	12@11	22.68	18.10	0.065	33.01	PASS
7	5.0	21425	2567.5	QPSK	25@0	22.35	17.77	0.060	33.01	PASS
7	5.0	21425	2567.5	16QAM	1@0	23.63	19.05	0.080	33.01	PASS
7	5.0	21425	2567.5	16QAM	1@12	24.09	19.51	0.089	33.01	PASS
7	5.0	21425	2567.5	16QAM	1@24	22.81	18.23	0.067	33.01	PASS
7	5.0	21425	2567.5	16QAM	12@0	23.96	19.38	0.087	33.01	PASS
7	5.0	21425	2567.5	16QAM	12@6	23.23	18.65	0.073	33.01	PASS
7	5.0	21425	2567.5	16QAM	12@11	23.47	18.89	0.077	33.01	PASS
7	5.0	21425	2567.5	16QAM	25@0	22.82	18.24	0.067	33.01	PASS
7	10.0	20800	2505.0	QPSK	1@0	22.88	18.30	0.068	33.01	PASS
7	10.0	20800	2505.0	QPSK	1@24	23.60	19.02	0.080	33.01	PASS
7	10.0	20800	2505.0	QPSK	1@49	23.50	18.92	0.078	33.01	PASS
7	10.0	20800	2505.0	QPSK	25@0	23.08	18.50	0.071	33.01	PASS
7	10.0	20800	2505.0	QPSK	25@12	23.21	18.63	0.073	33.01	PASS
7	10.0	20800	2505.0	QPSK	25@24	22.62	18.04	0.064	33.01	PASS
7	10.0	20800	2505.0	QPSK	50@0	23.09	18.51	0.071	33.01	PASS
7	10.0	20800	2505.0	16QAM	1@0	23.22	18.64	0.073	33.01	PASS
7	10.0	20800	2505.0	16QAM	1@24	23.11	18.53	0.071	33.01	PASS
7	10.0	20800	2505.0	16QAM	1@49	22.07	17.49	0.056	33.01	PASS
7	10.0	20800	2505.0	16QAM	25@0	22.79	18.21	0.066	33.01	PASS
7	10.0	20800	2505.0	16QAM	25@12	22.88	18.30	0.068	33.01	PASS
7	10.0	20800	2505.0	16QAM	25@24	24.26	19.68	0.093	33.01	PASS
7	10.0	20800	2505.0	16QAM	50@0	22.17	17.59	0.057	33.01	PASS
7	10.0	21100	2535.0	QPSK	1@0	22.39	17.81	0.060	33.01	PASS
7	10.0	21100	2535.0	QPSK	1@24	21.73	17.15	0.052	33.01	PASS
7	10.0	21100	2535.0	QPSK	1@49	22.36	17.78	0.060	33.01	PASS
7	10.0	21100	2535.0	QPSK	25@0	22.69	18.11	0.065	33.01	PASS
7	10.0	21100	2535.0	QPSK	25@12	22.40	17.82	0.061	33.01	PASS

7	10.0	21100	2535.0	QPSK	25@24	22.78	18.20	0.066	33.01	PASS
7	10.0	21100	2535.0	QPSK	50@0	22.92	18.34	0.068	33.01	PASS
7	10.0	21100	2535.0	16QAM	1@0	22.62	18.04	0.064	33.01	PASS
7	10.0	21100	2535.0	16QAM	1@24	22.18	17.60	0.058	33.01	PASS
7	10.0	21100	2535.0	16QAM	1@49	23.98	19.40	0.087	33.01	PASS
7	10.0	21100	2535.0	16QAM	25@0	23.31	18.73	0.075	33.01	PASS
7	10.0	21100	2535.0	16QAM	25@12	22.65	18.07	0.064	33.01	PASS
7	10.0	21100	2535.0	16QAM	25@24	23.06	18.48	0.070	33.01	PASS
7	10.0	21100	2535.0	16QAM	50@0	22.74	18.16	0.065	33.01	PASS
7	10.0	21400	2565.0	QPSK	1@0	21.99	17.41	0.055	33.01	PASS
7	10.0	21400	2565.0	QPSK	1@24	24.01	19.43	0.088	33.01	PASS
7	10.0	21400	2565.0	QPSK	1@49	22.88	18.30	0.068	33.01	PASS
7	10.0	21400	2565.0	QPSK	25@0	22.60	18.02	0.063	33.01	PASS
7	10.0	21400	2565.0	QPSK	25@12	22.08	17.50	0.056	33.01	PASS
7	10.0	21400	2565.0	QPSK	25@24	23.18	18.60	0.072	33.01	PASS
7	10.0	21400	2565.0	QPSK	50@0	22.59	18.01	0.063	33.01	PASS
7	10.0	21400	2565.0	16QAM	1@0	23.13	18.55	0.072	33.01	PASS
7	10.0	21400	2565.0	16QAM	1@24	23.04	18.46	0.070	33.01	PASS
7	10.0	21400	2565.0	16QAM	1@49	23.41	18.83	0.076	33.01	PASS
7	10.0	21400	2565.0	16QAM	25@0	22.89	18.31	0.068	33.01	PASS
7	10.0	21400	2565.0	16QAM	25@12	22.48	17.90	0.062	33.01	PASS
7	10.0	21400	2565.0	16QAM	25@24	22.18	17.60	0.058	33.01	PASS
7	10.0	21400	2565.0	16QAM	50@0	24.05	19.47	0.089	33.01	PASS
7	15.0	20825	2507.5	QPSK	1@0	22.29	17.71	0.059	33.01	PASS
7	15.0	20825	2507.5	QPSK	1@37	23.21	18.63	0.073	33.01	PASS
7	15.0	20825	2507.5	QPSK	1@74	22.75	18.17	0.066	33.01	PASS
7	15.0	20825	2507.5	QPSK	36@0	23.72	19.14	0.082	33.01	PASS
7	15.0	20825	2507.5	QPSK	36@16	21.77	17.19	0.052	33.01	PASS
7	15.0	20825	2507.5	QPSK	36@35	22.64	18.06	0.064	33.01	PASS
7	15.0	20825	2507.5	QPSK	75@0	22.14	17.56	0.057	33.01	PASS
7	15.0	20825	2507.5	16QAM	1@0	22.67	18.09	0.064	33.01	PASS
7	15.0	20825	2507.5	16QAM	1@37	22.87	18.29	0.067	33.01	PASS
7	15.0	20825	2507.5	16QAM	1@74	22.12	17.54	0.057	33.01	PASS
7	15.0	20825	2507.5	16QAM	36@0	23.01	18.43	0.070	33.01	PASS
7	15.0	20825	2507.5	16QAM	36@16	24.08	19.50	0.089	33.01	PASS
7	15.0	20825	2507.5	16QAM	36@35	22.15	17.57	0.057	33.01	PASS
7	15.0	20825	2507.5	16QAM	75@0	23.72	19.14	0.082	33.01	PASS
7	15.0	21100	2535.0	QPSK	1@0	22.73	18.15	0.065	33.01	PASS
7	15.0	21100	2535.0	QPSK	1@37	23.74	19.16	0.082	33.01	PASS
7	15.0	21100	2535.0	QPSK	1@74	23.64	19.06	0.081	33.01	PASS
7	15.0	21100	2535.0	QPSK	36@0	22.74	18.16	0.065	33.01	PASS
7	15.0	21100	2535.0	QPSK	36@16	22.88	18.30	0.068	33.01	PASS
7	15.0	21100	2535.0	QPSK	36@35	23.30	18.72	0.074	33.01	PASS
7	15.0	21100	2535.0	QPSK	75@0	23.16	18.58	0.072	33.01	PASS
7	15.0	21100	2535.0	16QAM	1@0	22.03	17.45	0.056	33.01	PASS
7	15.0	21100	2535.0	16QAM	1@37	24.06	19.48	0.089	33.01	PASS
7	15.0	21100	2535.0	16QAM	1@74	23.18	18.60	0.072	33.01	PASS
7	15.0	21100	2535.0	16QAM	36@0	22.99	18.41	0.069	33.01	PASS
7	15.0	21100	2535.0	16QAM	36@16	23.09	18.51	0.071	33.01	PASS
7	15.0	21100	2535.0	16QAM	36@35	22.76	18.18	0.066	33.01	PASS
7	15.0	21100	2535.0	16QAM	75@0	22.40	17.82	0.061	33.01	PASS
7	15.0	21375	2562.5	QPSK	1@0	22.37	17.79	0.060	33.01	PASS
7	15.0	21375	2562.5	QPSK	1@37	22.62	18.04	0.064	33.01	PASS
7	15.0	21375	2562.5	QPSK	1@74	22.87	18.29	0.067	33.01	PASS
7	15.0	21375	2562.5	QPSK	36@0	21.54	16.96	0.050	33.01	PASS
7	15.0	21375	2562.5	QPSK	36@16	23.33	18.75	0.075	33.01	PASS
7	15.0	21375	2562.5	QPSK	36@35	22.71	18.13	0.065	33.01	PASS
7	15.0	21375	2562.5	QPSK	75@0	22.82	18.24	0.067	33.01	PASS
7	15.0	21375	2562.5	16QAM	1@0	24.21	19.63	0.092	33.01	PASS
7	15.0	21375	2562.5	16QAM	1@37	22.07	17.49	0.056	33.01	PASS
7	15.0	21375	2562.5	16QAM	1@74	24.10	19.52	0.090	33.01	PASS
7	15.0	21375	2562.5	16QAM	36@0	24.02	19.44	0.088	33.01	PASS
7	15.0	21375	2562.5	16QAM	36@16	22.51	17.93	0.062	33.01	PASS
7	15.0	21375	2562.5	16QAM	36@35	22.38	17.80	0.060	33.01	PASS
7	15.0	21375	2562.5	16QAM	75@0	22.68	18.10	0.065	33.01	PASS
7	20.0	20850	2510.0	QPSK	1@0	22.86	18.28	0.067	33.01	PASS
7	20.0	20850	2510.0	QPSK	1@49	22.68	18.10	0.065	33.01	PASS
7	20.0	20850	2510.0	QPSK	1@99	23.36	18.78	0.076	33.01	PASS
7	20.0	20850	2510.0	QPSK	50@0	23.50	18.92	0.078	33.01	PASS

7	20.0	20850	2510.0	QPSK	50@24	22.60	18.02	0.063	33.01	PASS
7	20.0	20850	2510.0	QPSK	50@49	22.74	18.16	0.065	33.01	PASS
7	20.0	20850	2510.0	QPSK	100@0	23.19	18.61	0.073	33.01	PASS
7	20.0	20850	2510.0	16QAM	1@0	23.89	19.31	0.085	33.01	PASS
7	20.0	20850	2510.0	16QAM	1@49	23.08	18.50	0.071	33.01	PASS
7	20.0	20850	2510.0	16QAM	1@99	23.88	19.30	0.085	33.01	PASS
7	20.0	20850	2510.0	16QAM	50@0	22.46	17.88	0.061	33.01	PASS
7	20.0	20850	2510.0	16QAM	50@24	23.03	18.45	0.070	33.01	PASS
7	20.0	20850	2510.0	16QAM	50@49	23.16	18.58	0.072	33.01	PASS
7	20.0	20850	2510.0	16QAM	100@0	22.68	18.10	0.065	33.01	PASS
7	20.0	21100	2535.0	QPSK	1@0	24.87	20.29	0.107	33.01	PASS
7	20.0	21100	2535.0	QPSK	1@49	23.88	19.30	0.085	33.01	PASS
7	20.0	21100	2535.0	QPSK	1@99	22.47	17.89	0.062	33.01	PASS
7	20.0	21100	2535.0	QPSK	50@0	22.88	18.30	0.068	33.01	PASS
7	20.0	21100	2535.0	QPSK	50@24	23.37	18.79	0.076	33.01	PASS
7	20.0	21100	2535.0	QPSK	50@49	22.69	18.11	0.065	33.01	PASS
7	20.0	21100	2535.0	QPSK	100@0	23.41	18.83	0.076	33.01	PASS
7	20.0	21100	2535.0	16QAM	1@0	23.22	18.64	0.073	33.01	PASS
7	20.0	21100	2535.0	16QAM	1@49	23.87	19.29	0.085	33.01	PASS
7	20.0	21100	2535.0	16QAM	1@99	23.04	18.46	0.070	33.01	PASS
7	20.0	21100	2535.0	16QAM	50@0	22.51	17.93	0.062	33.01	PASS
7	20.0	21100	2535.0	16QAM	50@24	23.21	18.63	0.073	33.01	PASS
7	20.0	21100	2535.0	16QAM	50@49	22.39	17.81	0.060	33.01	PASS
7	20.0	21100	2535.0	16QAM	100@0	23.78	19.20	0.083	33.01	PASS
7	20.0	21350	2560.0	QPSK	1@0	23.92	19.34	0.086	33.01	PASS
7	20.0	21350	2560.0	QPSK	1@49	23.65	19.07	0.081	33.01	PASS
7	20.0	21350	2560.0	QPSK	1@99	23.93	19.35	0.086	33.01	PASS
7	20.0	21350	2560.0	QPSK	50@0	23.44	18.86	0.077	33.01	PASS
7	20.0	21350	2560.0	QPSK	50@24	21.98	17.40	0.055	33.01	PASS
7	20.0	21350	2560.0	QPSK	50@49	22.52	17.94	0.062	33.01	PASS
7	20.0	21350	2560.0	QPSK	100@0	23.59	19.01	0.080	33.01	PASS
7	20.0	21350	2560.0	16QAM	1@0	24.55	19.97	0.099	33.01	PASS
7	20.0	21350	2560.0	16QAM	1@49	23.03	18.45	0.070	33.01	PASS
7	20.0	21350	2560.0	16QAM	1@99	23.00	18.42	0.070	33.01	PASS
7	20.0	21350	2560.0	16QAM	50@0	23.19	18.61	0.073	33.01	PASS
7	20.0	21350	2560.0	16QAM	50@24	23.37	18.79	0.076	33.01	PASS
7	20.0	21350	2560.0	16QAM	50@49	22.01	17.43	0.055	33.01	PASS
7	20.0	21350	2560.0	16QAM	100@0	22.85	18.27	0.067	33.01	PASS

EIRP= Conducted Power + ANT Gain, Gain=-4.58dBi

2. Frequency Stability

Test Result

Voltage									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	VL	NT	0.01303	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	VN	NT	-0.00758	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	VH	NT	0.00631	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VL	NT	-0.04496	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VN	NT	0.01309	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VH	NT	0.00216	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VL	NT	0.02612	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VN	NT	-0.02285	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VH	NT	-0.02387	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VL	NT	0.01317	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VN	NT	0.02228	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VH	NT	-0.00311	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VL	NT	0.04178	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VN	NT	-0.01980	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VH	NT	-0.03169	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VL	NT	0.03556	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VN	NT	0.02250	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VH	NT	-0.00027	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VL	NT	-0.02954	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VN	NT	-0.02215	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VH	NT	0.04176	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	VL	NT	0.02654	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	VN	NT	0.03214	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	VH	NT	0.03466	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VL	NT	0.00165	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VN	NT	0.04959	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VH	NT	0.03345	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	VL	NT	-0.02648	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	VN	NT	0.04623	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	VH	NT	-0.04712	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VL	NT	0.01333	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VN	NT	-0.04015	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VH	NT	-0.00703	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	VL	NT	0.04465	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	VN	NT	-0.04933	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	VH	NT	0.03826	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	VL	NT	-0.04071	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	VN	NT	0.02138	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	VH	NT	0.02476	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	VL	NT	-0.03320	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	VN	NT	0.04525	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	VH	NT	-0.00821	±2.5	PASS

Band7	15MHz	QPSK	21100	75RB#0	VL	NT	0.00681	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	VN	NT	-0.04832	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	VH	NT	-0.04016	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	VL	NT	0.00559	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	VN	NT	0.03987	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	VH	NT	0.02061	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	VL	NT	-0.00153	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	VN	NT	0.04483	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	VH	NT	0.01363	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	VL	NT	0.01562	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	VN	NT	0.02572	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	VH	NT	0.03512	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VL	NT	-0.01503	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VN	NT	-0.04710	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VH	NT	0.02949	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VL	NT	-0.03901	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VN	NT	-0.03779	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VH	NT	-0.03311	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VL	NT	0.00556	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VN	NT	0.04375	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VH	NT	-0.04308	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VL	NT	-0.01044	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VN	NT	-0.02151	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VH	NT	-0.02504	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VL	NT	0.00733	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VN	NT	-0.02724	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VH	NT	-0.02557	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VL	NT	-0.01601	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VN	NT	0.01272	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VH	NT	0.04810	±2.5	PASS

Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	NV	-30	-0.01566	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	-20	0.02989	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	-10	0.02525	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	0	0.00455	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	10	-0.02043	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	20	0.00838	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	30	0.01286	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	40	-0.00627	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	50	0.04577	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-30	0.01464	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-20	-0.03313	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-10	-0.02609	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	0	0.01015	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	10	-0.01485	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	20	-0.03873	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	30	0.04147	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	40	-0.02820	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	50	0.01066	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-30	0.01623	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-20	0.00901	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-10	-0.01164	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	0	0.01729	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	10	0.04226	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	20	-0.01450	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	30	0.00603	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	40	-0.04725	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	50	-0.03727	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-30	0.04772	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-20	0.00824	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-10	0.00367	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	0	0.02991	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	10	0.03533	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	20	0.00322	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	30	-0.00741	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	40	-0.02456	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	50	-0.00743	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-30	0.01558	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-20	0.03776	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-10	-0.01626	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	0	0.03503	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	10	0.01416	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	20	0.02834	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	30	-0.02454	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	40	-0.01665	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	50	-0.03231	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-30	0.02237	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-20	0.00038	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-10	0.01594	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	0	0.04147	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	10	-0.04127	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	20	0.02174	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	30	-0.02731	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	40	0.01965	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	50	-0.02583	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-30	0.02754	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-20	-0.03687	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-10	-0.02403	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	0	0.01522	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	10	-0.04739	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	20	-0.02830	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	30	0.03253	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	40	0.01069	±2.5	PASS

Band7	10MHz	QPSK	20800	50RB#0	NV	50	-0.00783	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	-30	0.02479	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	-20	-0.03463	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	-10	-0.02325	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	0	0.04709	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	10	0.03812	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	20	-0.03425	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	30	-0.02979	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	40	0.01035	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	50	-0.00584	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-30	0.02596	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-20	0.04174	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-10	-0.02066	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	0	-0.01495	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	10	0.01026	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	20	-0.04919	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	30	-0.04372	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	40	-0.01413	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	50	-0.03906	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	-30	-0.00992	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	-20	0.03606	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	-10	0.03581	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	0	0.04345	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	10	0.03931	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	20	0.01485	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	30	0.01537	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	40	0.02193	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	50	-0.01788	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-30	-0.02950	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-20	0.00157	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-10	-0.02794	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	0	-0.04525	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	10	0.00857	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	20	-0.00236	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	30	-0.00083	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	40	-0.03249	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	50	-0.02062	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	-30	0.02614	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	-20	0.02464	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	-10	-0.01193	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	0	-0.03251	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	10	-0.02721	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	20	0.04878	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	30	0.01685	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	40	0.00866	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	50	-0.00430	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-30	0.02481	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-20	-0.03360	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-10	-0.04342	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	0	-0.02175	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	10	-0.04679	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	20	-0.01156	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	30	0.02968	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	40	0.03549	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	50	0.04046	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	-30	0.02076	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	-20	0.02860	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	-10	-0.02680	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	0	-0.04390	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	10	-0.03558	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	20	0.00839	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	30	-0.01609	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	40	0.01656	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	50	-0.04171	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-30	-0.01578	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-20	-0.02541	±2.5	PASS

Band7	15MHz	QPSK	21100	75RB#0	NV	-10	-0.03884	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	0	-0.04761	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	10	0.01625	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	20	0.00876	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	30	0.00825	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	40	0.04006	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	50	-0.03408	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	-30	0.03112	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	-20	-0.01007	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	-10	0.00133	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	0	0.03055	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	10	0.02575	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	20	-0.04624	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	30	-0.04442	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	40	0.02990	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	50	0.03139	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-30	0.01080	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-20	0.02881	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-10	0.00031	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	0	-0.00379	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	10	0.04481	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	20	-0.04424	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	30	-0.04449	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	40	0.02273	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	50	0.00261	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	-30	-0.00537	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	-20	0.02771	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	-10	-0.01181	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	0	-0.01802	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	10	0.04874	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	20	-0.02630	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	30	-0.01521	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	40	-0.01559	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	50	-0.01319	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-30	-0.01534	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-20	0.03843	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-10	-0.00308	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	0	-0.01180	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	10	0.04465	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	20	0.01335	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	30	-0.02051	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	40	0.04011	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	50	-0.03059	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-30	-0.03121	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-20	-0.01257	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-10	0.02938	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	0	-0.00055	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	10	0.00855	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	20	-0.02377	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	30	0.01601	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	40	-0.01420	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	50	-0.02668	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-30	0.01818	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-20	-0.02231	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-10	-0.00518	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	0	-0.04849	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	10	-0.00653	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	20	0.04250	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	30	-0.01529	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	40	0.00897	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	50	-0.01880	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-30	0.02595	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-20	-0.04568	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-10	0.02110	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	0	-0.00688	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	10	0.03172	±2.5	PASS

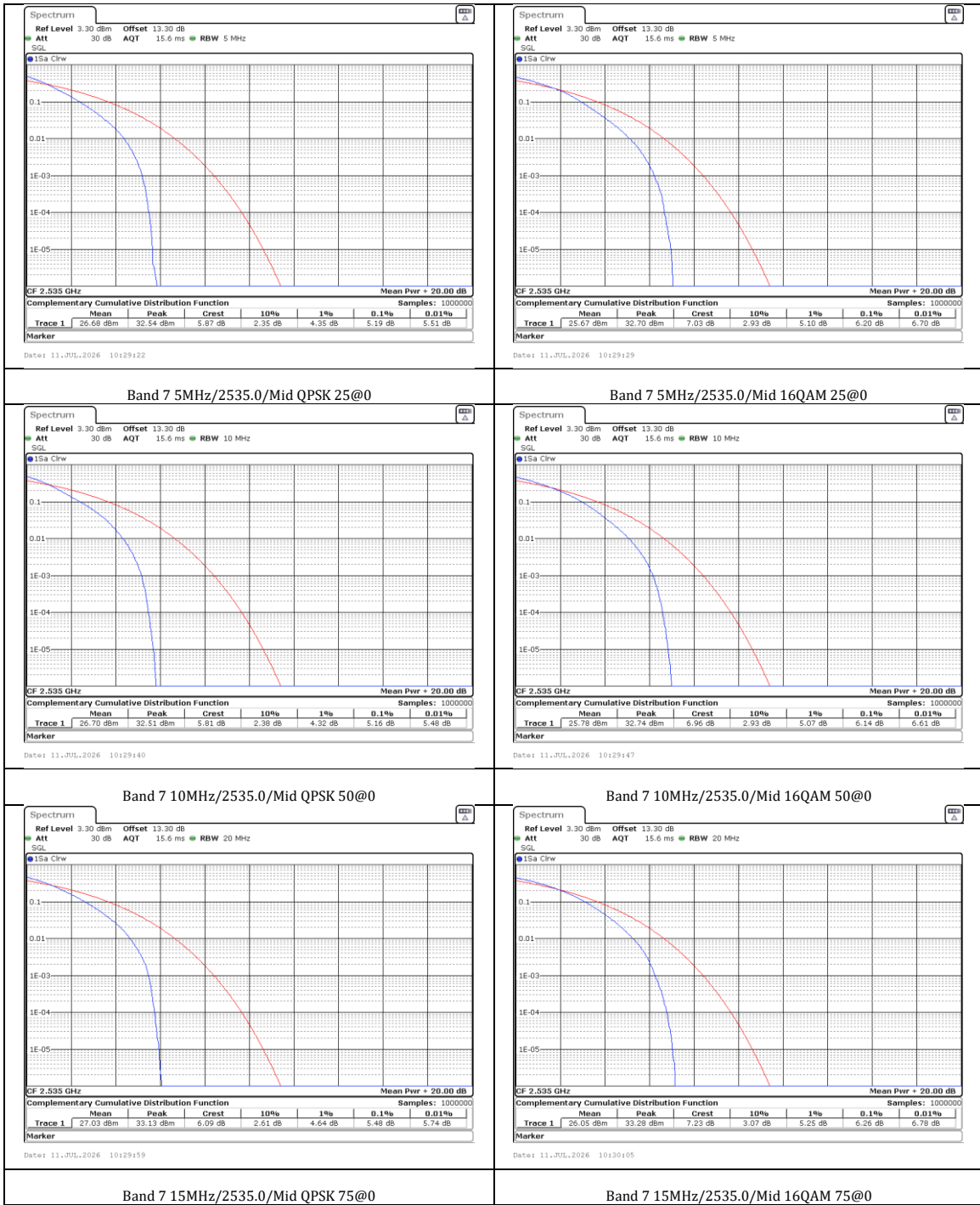
Band7	20MHz	16QAM	21100	100RB#0	NV	20	0.00915	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	30	-0.01937	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	40	-0.03980	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	50	-0.03495	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-30	-0.04891	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-20	-0.01687	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-10	-0.01780	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	0	0.00807	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	10	0.03502	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	20	-0.04663	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	30	0.02694	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	40	-0.01361	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	50	0.02157	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-30	-0.02393	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-20	0.03552	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-10	-0.00829	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	0	-0.01983	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	10	-0.02047	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	20	-0.04368	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	30	-0.01034	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	40	0.04438	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	50	-0.04269	±2.5	PASS

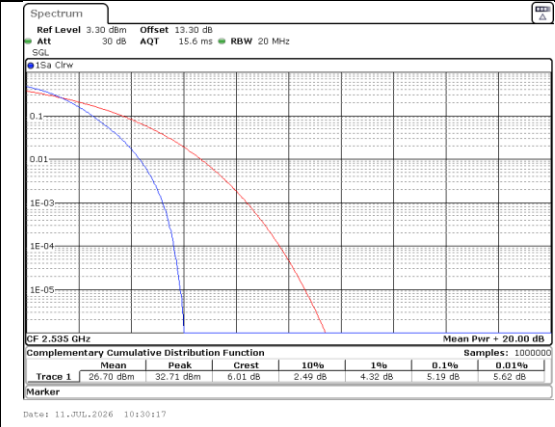
3. Peak to Average Ratio

Test Result

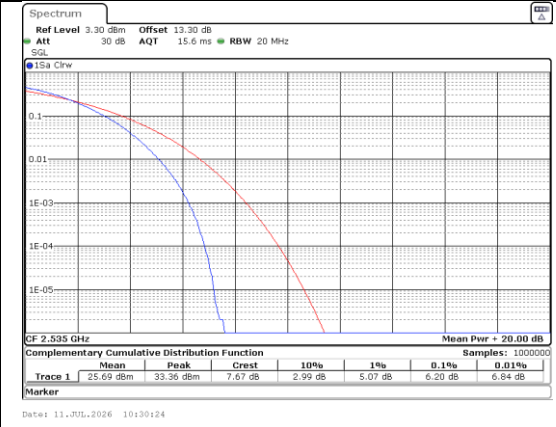
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
7	5.0	21100	2535.0	QPSK	25@0	5.19	13	PASS
7	5.0	21100	2535.0	16QAM	25@0	6.2	13	PASS
7	10.0	21100	2535.0	QPSK	50@0	5.16	13	PASS
7	10.0	21100	2535.0	16QAM	50@0	6.14	13	PASS
7	15.0	21100	2535.0	QPSK	75@0	5.48	13	PASS
7	15.0	21100	2535.0	16QAM	75@0	6.26	13	PASS
7	20.0	21100	2535.0	QPSK	100@0	5.19	13	PASS
7	20.0	21100	2535.0	16QAM	100@0	6.2	13	PASS

Test Graphs





Band 7 20MHz/2535.0/Mid QPSK 100@0



Band 7 20MHz/2535.0/Mid 16QAM 100@0

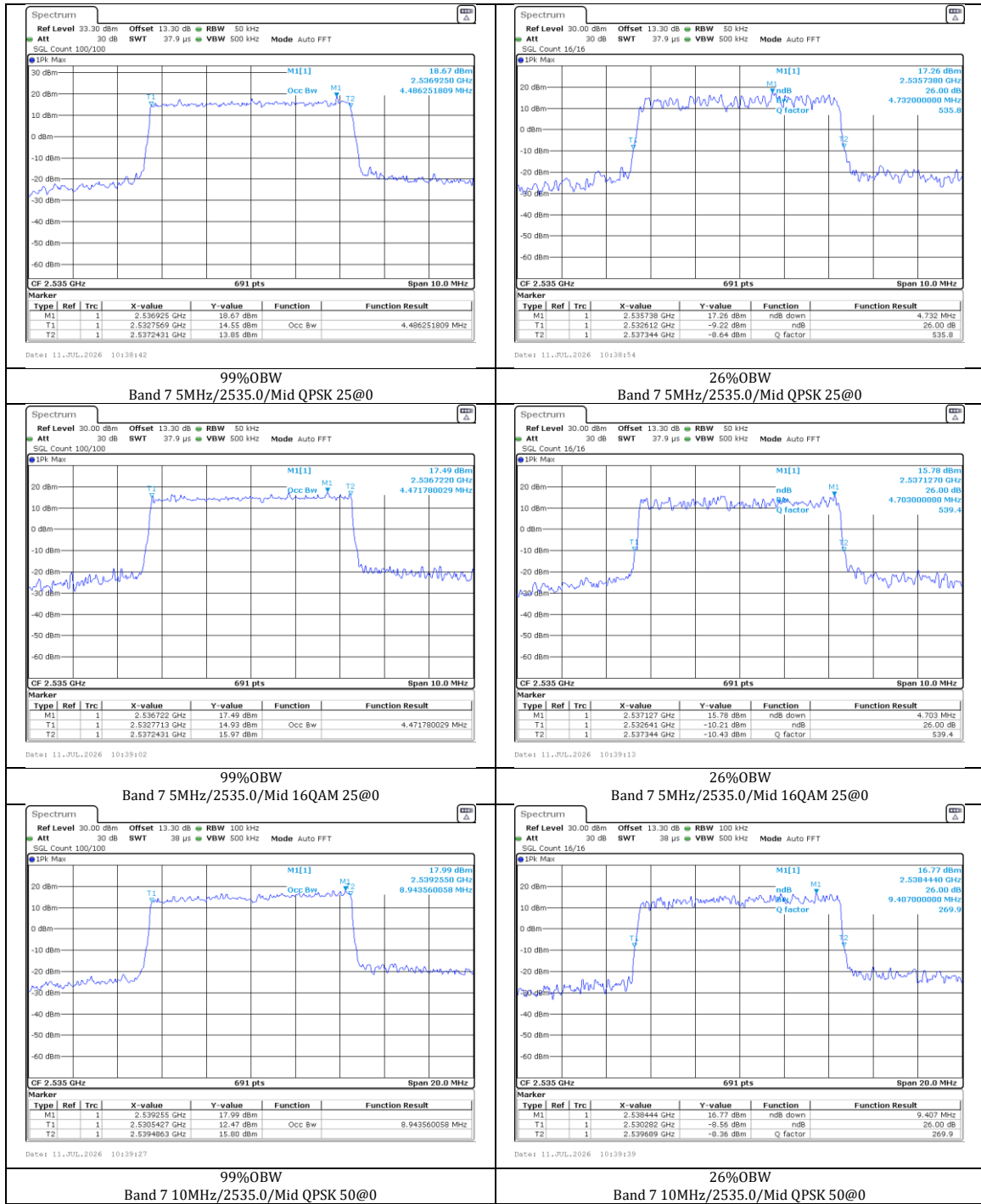
4. Occupied Bandwidth

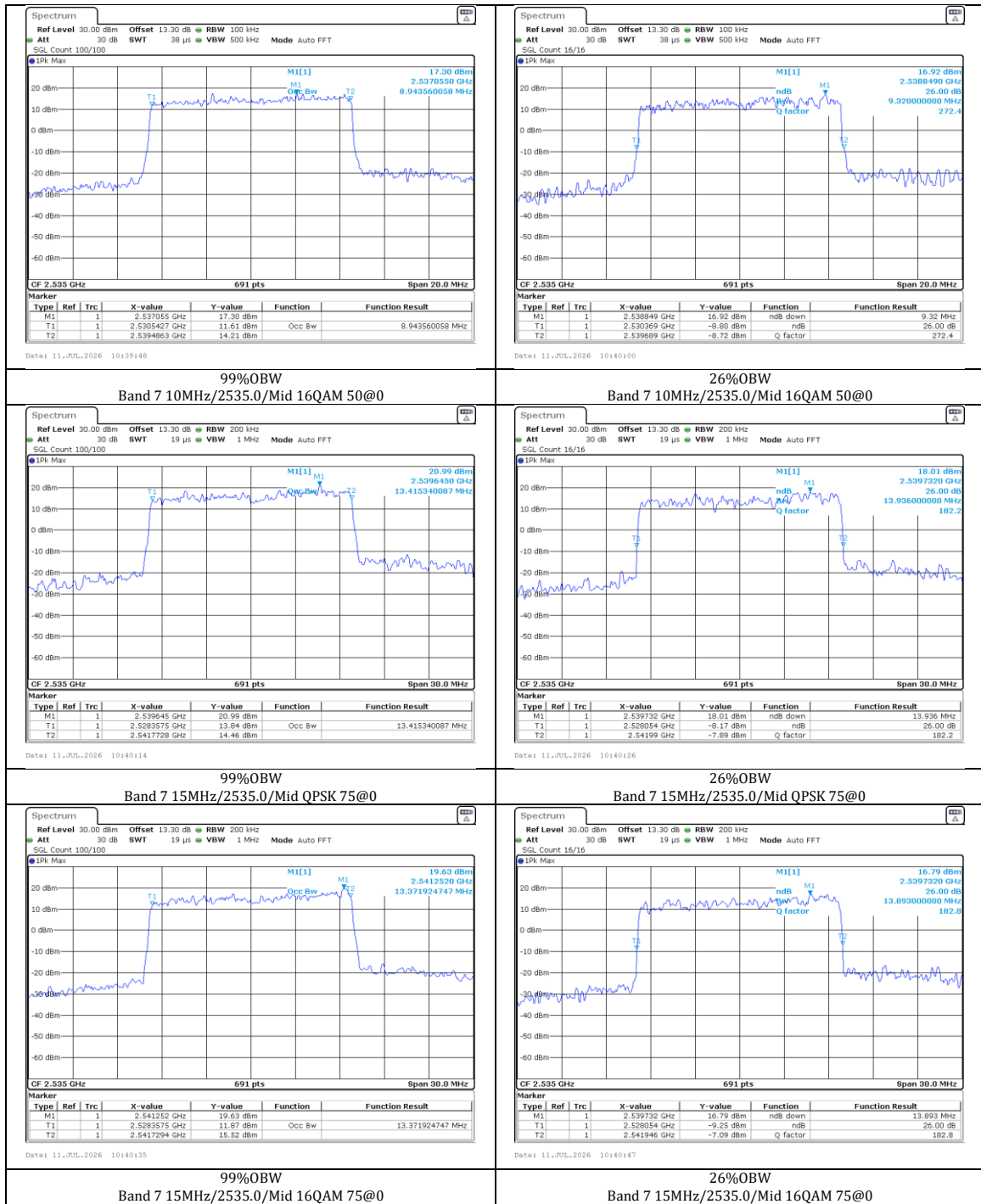
Test Result

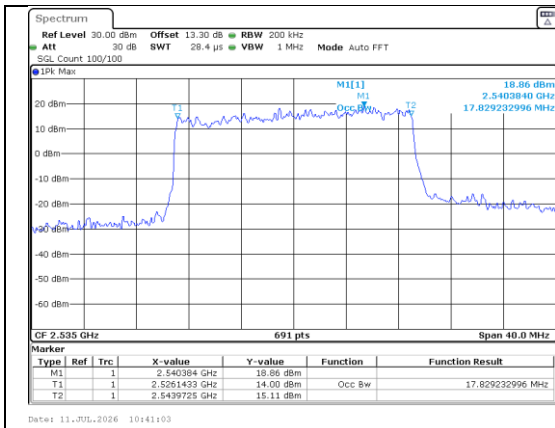
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)	Verdict
7	5.0	21100	2535.0	QPSK	25@0	4.4863	4.732	PASS
7	5.0	21100	2535.0	16QAM	25@0	4.4718	4.703	PASS
7	10.0	21100	2535.0	QPSK	50@0	8.9436	9.407	PASS
7	10.0	21100	2535.0	16QAM	50@0	8.9436	9.320	PASS
7	15.0	21100	2535.0	QPSK	75@0	13.415	13.94	PASS
7	15.0	21100	2535.0	16QAM	75@0	13.372	13.89	PASS
7	20.0	21100	2535.0	QPSK	100@0	17.829	18.58	PASS
7	20.0	21100	2535.0	16QAM	100@0	17.829	19.28	PASS

Note: All bandwidth channels have been tested, and only the data from the worst channels is shown.

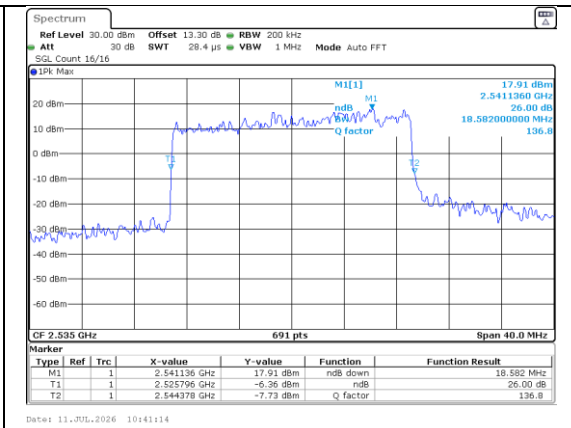
Test Graphs



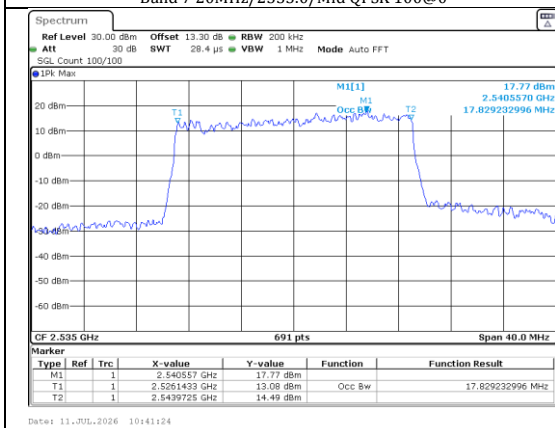




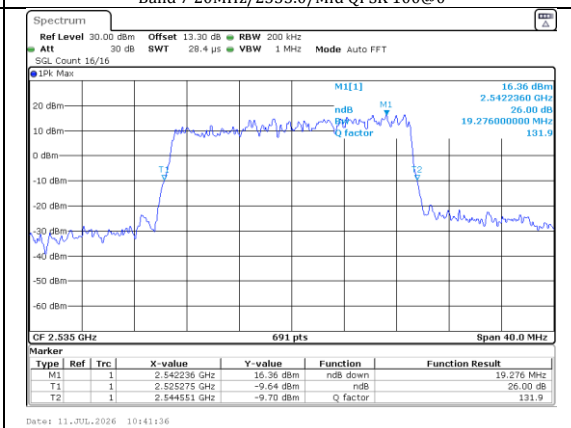
99%OBW
Band 7 20MHz/2535.0/Mid QPSK 100@0



26%OBW
Band 7 20MHz/2535.0/Mid QPSK 100@0



99%OBW
Band 7 20MHz/2535.0/Mid 16QAM 100@0



26%OBW
Band 7 20MHz/2535.0/Mid 16QAM 100@0

5. Conducted Spurious Emissions

Test Result

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	StartFreq (MHz)	StopFreq (MHz)	Result (dBm)	Limit (dBm)	Verdict
7	5.0	20775	2502.5	QPSK	1@0	30	1000	-38.15	-25	PASS
7	5.0	20775	2502.5	QPSK	1@0	1000	4000	-28.16	-25	PASS
7	5.0	20775	2502.5	QPSK	1@0	4000	7000	-30.16	-25	PASS
7	5.0	20775	2502.5	QPSK	1@0	7000	10000	-35.75	-25	PASS
7	5.0	20775	2502.5	QPSK	1@0	10000	13000	-34.42	-25	PASS
7	5.0	20775	2502.5	QPSK	1@0	13000	16000	-31.75	-25	PASS
7	5.0	20775	2502.5	QPSK	1@0	16000	19000	-30.77	-25	PASS
7	5.0	20775	2502.5	QPSK	1@0	19000	22000	-27.27	-25	PASS
7	5.0	20775	2502.5	QPSK	1@0	22000	25000	-28.84	-25	PASS
7	5.0	20775	2502.5	QPSK	1@0	25000	27000	-29.11	-25	PASS
7	5.0	20775	2502.5	16QAM	1@0	30	1000	-38.3	-25	PASS
7	5.0	20775	2502.5	16QAM	1@0	1000	4000	-27.67	-25	PASS
7	5.0	20775	2502.5	16QAM	1@0	4000	7000	-30.03	-25	PASS
7	5.0	20775	2502.5	16QAM	1@0	7000	10000	-36.1	-25	PASS
7	5.0	20775	2502.5	16QAM	1@0	10000	13000	-33.58	-25	PASS
7	5.0	20775	2502.5	16QAM	1@0	13000	16000	-32.26	-25	PASS
7	5.0	20775	2502.5	16QAM	1@0	16000	19000	-31.16	-25	PASS
7	5.0	20775	2502.5	16QAM	1@0	19000	22000	-26.68	-25	PASS
7	5.0	20775	2502.5	16QAM	1@0	22000	25000	-28.34	-25	PASS
7	5.0	20775	2502.5	16QAM	1@0	25000	27000	-28.51	-25	PASS
7	5.0	21425	2567.5	QPSK	1@0	30	1000	-37.67	-25	PASS
7	5.0	21425	2567.5	QPSK	1@0	1000	4000	-27.63	-25	PASS
7	5.0	21425	2567.5	QPSK	1@0	4000	7000	-30.11	-25	PASS
7	5.0	21425	2567.5	QPSK	1@0	7000	10000	-36.11	-25	PASS
7	5.0	21425	2567.5	QPSK	1@0	10000	13000	-34.54	-25	PASS
7	5.0	21425	2567.5	QPSK	1@0	13000	16000	-32.14	-25	PASS
7	5.0	21425	2567.5	QPSK	1@0	16000	19000	-31.16	-25	PASS
7	5.0	21425	2567.5	QPSK	1@0	19000	22000	-27.23	-25	PASS
7	5.0	21425	2567.5	QPSK	1@0	22000	25000	-27.9	-25	PASS
7	5.0	21425	2567.5	QPSK	1@0	25000	27000	-28.63	-25	PASS
7	5.0	21425	2567.5	16QAM	1@0	30	1000	-37.99	-25	PASS
7	5.0	21425	2567.5	16QAM	1@0	1000	4000	-27.53	-25	PASS
7	5.0	21425	2567.5	16QAM	1@0	4000	7000	-30.51	-25	PASS
7	5.0	21425	2567.5	16QAM	1@0	7000	10000	-36.42	-25	PASS
7	5.0	21425	2567.5	16QAM	1@0	10000	13000	-34.42	-25	PASS
7	5.0	21425	2567.5	16QAM	1@0	13000	16000	-31.85	-25	PASS
7	5.0	21425	2567.5	16QAM	1@0	16000	19000	-30.69	-25	PASS
7	5.0	21425	2567.5	16QAM	1@0	19000	22000	-27.47	-25	PASS
7	5.0	21425	2567.5	16QAM	1@0	22000	25000	-28.87	-25	PASS
7	5.0	21425	2567.5	16QAM	1@0	25000	27000	-27.9	-25	PASS
7	10.0	20800	2535.0	QPSK	1@0	30	1000	-37.79	-25	PASS
7	10.0	20800	2535.0	QPSK	1@0	1000	4000	-28.08	-25	PASS
7	10.0	20800	2535.0	QPSK	1@0	4000	7000	-29.98	-25	PASS
7	10.0	20800	2535.0	QPSK	1@0	7000	10000	-35.99	-25	PASS
7	10.0	20800	2535.0	QPSK	1@0	10000	13000	-33.76	-25	PASS
7	10.0	20800	2535.0	QPSK	1@0	13000	16000	-32.1	-25	PASS
7	10.0	20800	2535.0	QPSK	1@0	16000	19000	-30.65	-25	PASS
7	10.0	20800	2535.0	QPSK	1@0	19000	22000	-26.7	-25	PASS
7	10.0	20800	2535.0	QPSK	1@0	22000	25000	-28.03	-25	PASS
7	10.0	20800	2535.0	QPSK	1@0	25000	27000	-28.89	-25	PASS
7	10.0	20800	2535.0	16QAM	1@0	30	1000	-37.43	-25	PASS
7	10.0	20800	2535.0	16QAM	1@0	1000	4000	-27.83	-25	PASS
7	10.0	20800	2535.0	16QAM	1@0	4000	7000	-29.9	-25	PASS
7	10.0	20800	2535.0	16QAM	1@0	7000	10000	-36.17	-25	PASS
7	10.0	20800	2535.0	16QAM	1@0	10000	13000	-34.95	-25	PASS
7	10.0	20800	2535.0	16QAM	1@0	13000	16000	-32.02	-25	PASS
7	10.0	20800	2535.0	16QAM	1@0	16000	19000	-30.33	-25	PASS
7	10.0	20800	2535.0	16QAM	1@0	19000	22000	-27.2	-25	PASS
7	10.0	20800	2535.0	16QAM	1@0	22000	25000	-28.62	-25	PASS
7	10.0	20800	2535.0	16QAM	1@0	25000	27000	-28.88	-25	PASS
7	10.0	21400	2565.0	QPSK	1@0	30	1000	-36.35	-25	PASS
7	10.0	21400	2565.0	QPSK	1@0	1000	4000	-27.52	-25	PASS
7	10.0	21400	2565.0	QPSK	1@0	4000	7000	-29.32	-25	PASS

7	10.0	21400	2565.0	QPSK	1@0	7000	10000	-36.49	-25	PASS
7	10.0	21400	2565.0	QPSK	1@0	10000	13000	-34.6	-25	PASS
7	10.0	21400	2565.0	QPSK	1@0	13000	16000	-30.33	-25	PASS
7	10.0	21400	2565.0	QPSK	1@0	16000	19000	-30.79	-25	PASS
7	10.0	21400	2565.0	QPSK	1@0	19000	22000	-26.04	-25	PASS
7	10.0	21400	2565.0	QPSK	1@0	22000	25000	-29.15	-25	PASS
7	10.0	21400	2565.0	QPSK	1@0	25000	27000	-28.98	-25	PASS
7	10.0	21400	2565.0	16QAM	1@0	30	1000	-38.37	-25	PASS
7	10.0	21400	2565.0	16QAM	1@0	1000	4000	-27.09	-25	PASS
7	10.0	21400	2565.0	16QAM	1@0	4000	7000	-30.33	-25	PASS
7	10.0	21400	2565.0	16QAM	1@0	7000	10000	-36.49	-25	PASS
7	10.0	21400	2565.0	16QAM	1@0	10000	13000	-33.76	-25	PASS
7	10.0	21400	2565.0	16QAM	1@0	13000	16000	-31.84	-25	PASS
7	10.0	21400	2565.0	16QAM	1@0	16000	19000	-30.79	-25	PASS
7	10.0	21400	2565.0	16QAM	1@0	19000	22000	-27.21	-25	PASS
7	10.0	21400	2565.0	16QAM	1@0	22000	25000	-28.88	-25	PASS
7	10.0	21400	2565.0	16QAM	1@0	25000	27000	-28.3	-25	PASS
7	15.0	20825	2507.5	QPSK	1@0	30	1000	-37.76	-25	PASS
7	15.0	20825	2507.5	QPSK	1@0	1000	4000	-27.69	-25	PASS
7	15.0	20825	2507.5	QPSK	1@0	4000	7000	-30.01	-25	PASS
7	15.0	20825	2507.5	QPSK	1@0	7000	10000	-35.54	-25	PASS
7	15.0	20825	2507.5	QPSK	1@0	10000	13000	-34.06	-25	PASS
7	15.0	20825	2507.5	QPSK	1@0	13000	16000	-32.34	-25	PASS
7	15.0	20825	2507.5	QPSK	1@0	16000	19000	-30.2	-25	PASS
7	15.0	20825	2507.5	QPSK	1@0	19000	22000	-27.65	-25	PASS
7	15.0	20825	2507.5	QPSK	1@0	22000	25000	-28.18	-25	PASS
7	15.0	20825	2507.5	QPSK	1@0	25000	27000	-28.97	-25	PASS
7	15.0	20825	2507.5	16QAM	1@0	30	1000	-38.2	-25	PASS
7	15.0	20825	2507.5	16QAM	1@0	1000	4000	-27.7	-25	PASS
7	15.0	20825	2507.5	16QAM	1@0	4000	7000	-29.77	-25	PASS
7	15.0	20825	2507.5	16QAM	1@0	7000	10000	-36.07	-25	PASS
7	15.0	20825	2507.5	16QAM	1@0	10000	13000	-34.99	-25	PASS
7	15.0	20825	2507.5	16QAM	1@0	13000	16000	-32.51	-25	PASS
7	15.0	20825	2507.5	16QAM	1@0	16000	19000	-30.83	-25	PASS
7	15.0	20825	2507.5	16QAM	1@0	19000	22000	-26.65	-25	PASS
7	15.0	20825	2507.5	16QAM	1@0	22000	25000	-29.02	-25	PASS
7	15.0	20825	2507.5	16QAM	1@0	25000	27000	-28.63	-25	PASS
7	15.0	21375	2562.5	QPSK	1@0	30	1000	-37.92	-25	PASS
7	15.0	21375	2562.5	QPSK	1@0	1000	4000	-27.3	-25	PASS
7	15.0	21375	2562.5	QPSK	1@0	4000	7000	-29.72	-25	PASS
7	15.0	21375	2562.5	QPSK	1@0	7000	10000	-35.43	-25	PASS
7	15.0	21375	2562.5	QPSK	1@0	10000	13000	-34.38	-25	PASS
7	15.0	21375	2562.5	QPSK	1@0	13000	16000	-32.34	-25	PASS
7	15.0	21375	2562.5	QPSK	1@0	16000	19000	-31.08	-25	PASS
7	15.0	21375	2562.5	QPSK	1@0	19000	22000	-27.5	-25	PASS
7	15.0	21375	2562.5	QPSK	1@0	22000	25000	-28.86	-25	PASS
7	15.0	21375	2562.5	QPSK	1@0	25000	27000	-29.05	-25	PASS
7	15.0	21375	2562.5	16QAM	1@0	30	1000	-37.4	-25	PASS
7	15.0	21375	2562.5	16QAM	1@0	1000	4000	-28.01	-25	PASS
7	15.0	21375	2562.5	16QAM	1@0	4000	7000	-30.47	-25	PASS
7	15.0	21375	2562.5	16QAM	1@0	7000	10000	-36.59	-25	PASS
7	15.0	21375	2562.5	16QAM	1@0	10000	13000	-34.37	-25	PASS
7	15.0	21375	2562.5	16QAM	1@0	13000	16000	-32.06	-25	PASS
7	15.0	21375	2562.5	16QAM	1@0	16000	19000	-30.61	-25	PASS
7	15.0	21375	2562.5	16QAM	1@0	19000	22000	-27.5	-25	PASS
7	15.0	21375	2562.5	16QAM	1@0	22000	25000	-28.08	-25	PASS
7	15.0	21375	2562.5	16QAM	1@0	25000	27000	-28.87	-25	PASS
7	20.0	20850	2535.0	QPSK	1@0	30	1000	-26.18	-25	PASS
7	20.0	20850	2535.0	QPSK	1@0	1000	4000	-27.71	-25	PASS
7	20.0	20850	2535.0	QPSK	1@0	4000	7000	-30.54	-25	PASS
7	20.0	20850	2535.0	QPSK	1@0	7000	10000	-35.7	-25	PASS
7	20.0	20850	2535.0	QPSK	1@0	10000	13000	-34.54	-25	PASS
7	20.0	20850	2535.0	QPSK	1@0	13000	16000	-31.89	-25	PASS
7	20.0	20850	2535.0	QPSK	1@0	16000	19000	-30.64	-25	PASS
7	20.0	20850	2535.0	QPSK	1@0	19000	22000	-27.17	-25	PASS
7	20.0	20850	2535.0	QPSK	1@0	22000	25000	-28.77	-25	PASS
7	20.0	20850	2535.0	QPSK	1@0	25000	27000	-29.1	-25	PASS
7	20.0	20850	2535.0	16QAM	1@0	30	1000	-37.99	-25	PASS
7	20.0	20850	2535.0	16QAM	1@0	1000	4000	-28.62	-25	PASS

7	20.0	20850	2535.0	16QAM	1@0	4000	7000	-30.16	-25	PASS
7	20.0	20850	2535.0	16QAM	1@0	7000	10000	-36.98	-25	PASS
7	20.0	20850	2535.0	16QAM	1@0	10000	13000	-34.59	-25	PASS
7	20.0	20850	2535.0	16QAM	1@0	13000	16000	-32.17	-25	PASS
7	20.0	20850	2535.0	16QAM	1@0	16000	19000	-30.45	-25	PASS
7	20.0	20850	2535.0	16QAM	1@0	19000	22000	-27.63	-25	PASS
7	20.0	20850	2535.0	16QAM	1@0	22000	25000	-28.66	-25	PASS
7	20.0	20850	2535.0	16QAM	1@0	25000	27000	-29.33	-25	PASS
7	20.0	21350	2560.0	QPSK	1@0	30	1000	-38.42	-25	PASS
7	20.0	21350	2560.0	QPSK	1@0	1000	4000	-27.41	-25	PASS
7	20.0	21350	2560.0	QPSK	1@0	4000	7000	-29.75	-25	PASS
7	20.0	21350	2560.0	QPSK	1@0	7000	10000	-36.13	-25	PASS
7	20.0	21350	2560.0	QPSK	1@0	10000	13000	-34.74	-25	PASS
7	20.0	21350	2560.0	QPSK	1@0	13000	16000	-31.89	-25	PASS
7	20.0	21350	2560.0	QPSK	1@0	16000	19000	-30.61	-25	PASS
7	20.0	21350	2560.0	QPSK	1@0	19000	22000	-26.72	-25	PASS
7	20.0	21350	2560.0	QPSK	1@0	22000	25000	-28.16	-25	PASS
7	20.0	21350	2560.0	QPSK	1@0	25000	27000	-29.16	-25	PASS
7	20.0	21350	2560.0	16QAM	1@0	30	1000	-38.37	-25	PASS
7	20.0	21350	2560.0	16QAM	1@0	1000	4000	-27.31	-25	PASS
7	20.0	21350	2560.0	16QAM	1@0	4000	7000	-30.46	-25	PASS
7	20.0	21350	2560.0	16QAM	1@0	7000	10000	-35.96	-25	PASS
7	20.0	21350	2560.0	16QAM	1@0	10000	13000	-34.4	-25	PASS
7	20.0	21350	2560.0	16QAM	1@0	13000	16000	-31.63	-25	PASS
7	20.0	21350	2560.0	16QAM	1@0	16000	19000	-30.74	-25	PASS
7	20.0	21350	2560.0	16QAM	1@0	19000	22000	-26.7	-25	PASS
7	20.0	21350	2560.0	16QAM	1@0	22000	25000	-28.47	-25	PASS
7	20.0	21350	2560.0	16QAM	1@0	25000	27000	-29.8	-25	PASS

Test Graphs

