

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Gain (dBi)	E(I)RP(dBm)	Limit(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	22.68	2.13	22.66	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	21.85	2.13	21.83	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	22.89	2.13	22.87	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	21.86	2.13	21.84	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.11	2.13	23.09	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	21.76	2.13	21.74	38.45	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	21.94	2.13	21.92	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	20.75	2.13	20.73	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	22.88	2.13	22.86	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	21.75	2.13	21.73	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	22.88	2.13	22.86	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.19	2.13	22.17	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.08	2.13	23.06	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.08	2.13	22.06	38.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.00	2.13	21.98	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.05	2.13	21.03	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	22.65	2.13	22.63	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	21.83	2.13	21.81	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.00	2.13	22.98	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.12	2.13	22.1	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	22.84	2.13	22.82	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	21.94	2.13	21.92	38.45	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	21.92	2.13	21.9	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.07	2.13	21.05	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	22.93	2.13	22.91	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	21.89	2.13	21.87	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#8	22.92	2.13	22.9	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.11	2.13	22.09	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#14	22.84	2.13	22.82	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	21.90	2.13	21.88	38.45	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.06	2.13	22.04	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.04	2.13	21.02	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#0	22.88	2.13	22.86	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	21.87	2.13	21.85	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#8	22.84	2.13	22.82	38.45	PASS

Band5	3MHz	16QAM	20525	1RB#8	21.64	2.13	21.62	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.17	2.13	23.15	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.05	2.13	22.03	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.10	2.13	22.08	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	20.99	2.13	20.97	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.00	2.13	22.98	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.11	2.13	22.09	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	22.80	2.13	22.78	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.00	2.13	21.98	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#14	22.75	2.13	22.73	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	21.77	2.13	21.75	38.45	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.10	2.13	22.08	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	20.93	2.13	20.91	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.01	2.13	22.99	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	21.98	2.13	21.96	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	22.94	2.13	22.92	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#12	21.89	2.13	21.87	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#24	22.73	2.13	22.71	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#24	21.81	2.13	21.79	38.45	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.00	2.13	21.98	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.15	2.13	21.13	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.08	2.13	23.06	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.08	2.13	22.06	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#12	22.91	2.13	22.89	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.03	2.13	22.01	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.08	2.13	23.06	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	21.92	2.13	21.9	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.00	2.13	21.98	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	20.94	2.13	20.92	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	22.90	2.13	22.88	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	21.95	2.13	21.93	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#12	22.94	2.13	22.92	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#12	21.93	2.13	21.91	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	22.71	2.13	22.69	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	21.80	2.13	21.78	38.45	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.02	2.13	22	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	20.92	2.13	20.9	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	22.93	2.13	22.91	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.13	2.13	22.11	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	22.78	2.13	22.76	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	21.96	2.13	21.94	38.45	PASS

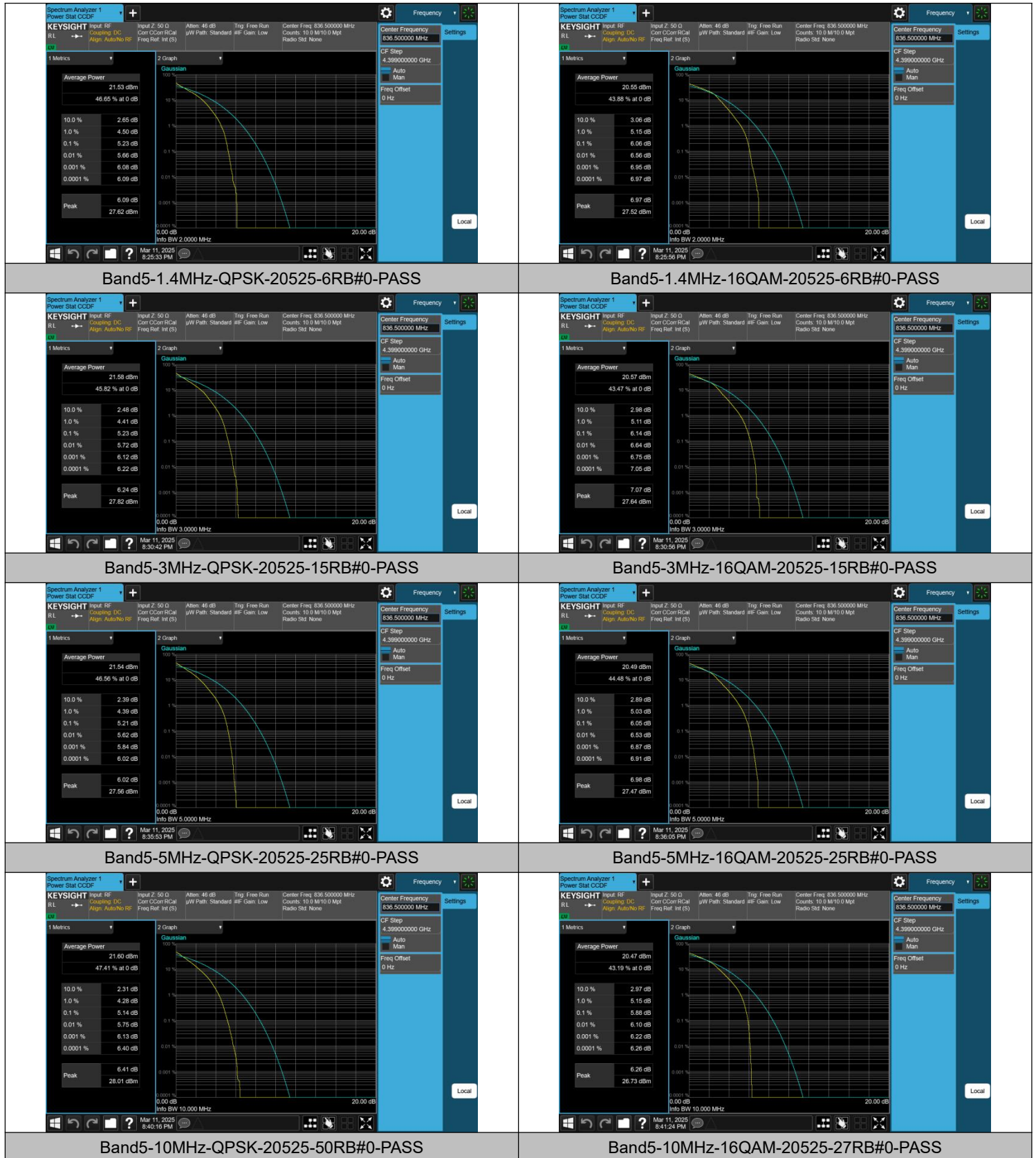
Band5	10MHz	QPSK	20450	1RB#49	22.91	2.13	22.89	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.18	2.13	22.16	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	22.69	2.13	22.67	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	21.79	2.13	21.77	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.12	2.13	23.1	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.32	2.13	22.3	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#49	22.84	2.13	22.82	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	21.76	2.13	21.74	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	22.85	2.13	22.83	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.40	2.13	22.38	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.33	2.13	23.31	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.79	2.13	22.77	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	22.75	2.13	22.73	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.07	2.13	22.05	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.00	2.13	21.98	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.06	2.13	22.04	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.05	2.13	22.03	38.45	PASS
Band5	10MHz	16QAM	20450	27RB#0	21.05	2.13	21.03	38.45	PASS
Band5	10MHz	16QAM	20525	27RB#0	20.99	2.13	20.97	38.45	PASS
Band5	10MHz	16QAM	20600	27RB#0	21.13	2.13	21.11	38.45	PASS

Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20525	6RB#0	5.23	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.06	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.23	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.14	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.21	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.05	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.14	13	PASS
Band5	10MHz	16QAM	20525	27RB#0	5.88	13	PASS

Test Graphs

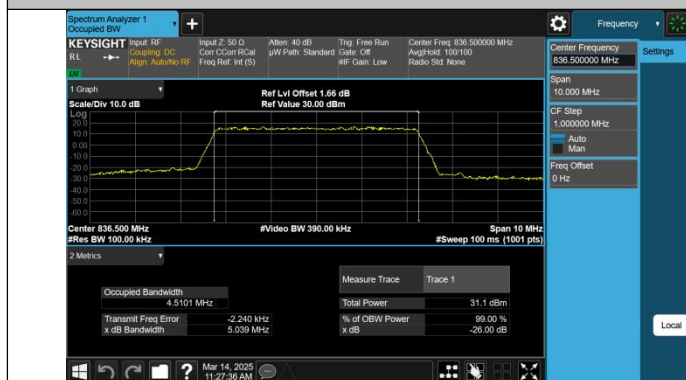


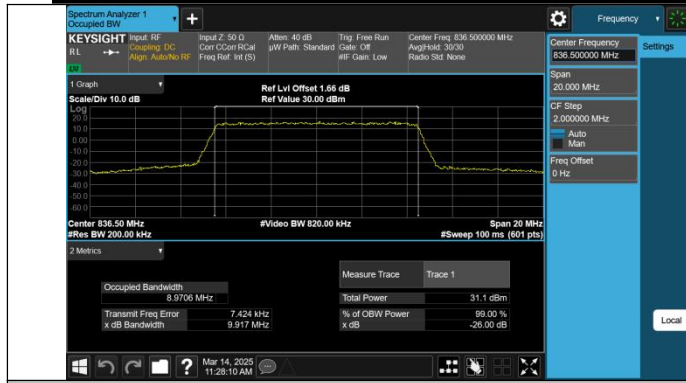
26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20525	6RB#0	1.0974	1.301	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0914	1.276	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.7041	2.963	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6938	2.968	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5101	5.039	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5007	4.996	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9706	9.917	PASS
Band5	10MHz	16QAM	20525	27RB#0	5.0068	5.891	PASS

Test Graphs





Band5-10MHz-QPSK-20525-50RB#0-PASS



Band5-10MHz-16QAM-20525-27RB#0-PASS