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
Band4	1.4MHz	QPSK	19957	1RB#0	23.07	2	25.07	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	22.10	2	24.1	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	23.04	2	25.04	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	22.22	2	24.22	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	23.14	2	25.14	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	22.21	2	24.21	30	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	22.29	2	24.29	30	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	21.31	2	23.31	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	23.21	2	25.21	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	22.37	2	24.37	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	23.24	2	25.24	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	22.85	2	24.85	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	23.49	2	25.49	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	22.66	2	24.66	30	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	22.37	2	24.37	30	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	21.48	2	23.48	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	23.06	2	25.06	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	22.58	2	24.58	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	23.13	2	25.13	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	22.64	2	24.64	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	23.13	2	25.13	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	22.31	2	24.31	30	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	22.30	2	24.3	30	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	21.34	2	23.34	30	PASS
Band4	3MHz	QPSK	19965	1RB#0	23.10	2	25.1	30	PASS
Band4	3MHz	16QAM	19965	1RB#0	22.23	2	24.23	30	PASS
Band4	3MHz	QPSK	19965	1RB#8	23.16	2	25.16	30	PASS
Band4	3MHz	16QAM	19965	1RB#8	22.23	2	24.23	30	PASS
Band4	3MHz	QPSK	19965	1RB#14	23.03	2	25.03	30	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.26	2	24.26	30	PASS
Band4	3MHz	QPSK	19965	15RB#0	22.24	2	24.24	30	PASS
Band4	3MHz	16QAM	19965	15RB#0	21.10	2	23.1	30	PASS
Band4	3MHz	QPSK	20175	1RB#0	23.17	2	25.17	30	PASS
Band4	3MHz	16QAM	20175	1RB#0	22.28	2	24.28	30	PASS
Band4	3MHz	QPSK	20175	1RB#8	23.19	2	25.19	30	PASS

Band4	3MHz	16QAM	20175	1RB#8	22.22	2	24.22	30	PASS
Band4	3MHz	QPSK	20175	1RB#14	23.41	2	25.41	30	PASS
Band4	3MHz	16QAM	20175	1RB#14	22.32	2	24.32	30	PASS
Band4	3MHz	QPSK	20175	15RB#0	22.36	2	24.36	30	PASS
Band4	3MHz	16QAM	20175	15RB#0	21.39	2	23.39	30	PASS
Band4	3MHz	QPSK	20385	1RB#0	23.19	2	25.19	30	PASS
Band4	3MHz	16QAM	20385	1RB#0	22.14	2	24.14	30	PASS
Band4	3MHz	QPSK	20385	1RB#8	23.14	2	25.14	30	PASS
Band4	3MHz	16QAM	20385	1RB#8	21.93	2	23.93	30	PASS
Band4	3MHz	QPSK	20385	1RB#14	23.15	2	25.15	30	PASS
Band4	3MHz	16QAM	20385	1RB#14	21.80	2	23.8	30	PASS
Band4	3MHz	QPSK	20385	15RB#0	22.22	2	24.22	30	PASS
Band4	3MHz	16QAM	20385	15RB#0	21.07	2	23.07	30	PASS
Band4	5MHz	QPSK	19975	1RB#0	23.12	2	25.12	30	PASS
Band4	5MHz	16QAM	19975	1RB#0	22.16	2	24.16	30	PASS
Band4	5MHz	QPSK	19975	1RB#12	23.15	2	25.15	30	PASS
Band4	5MHz	16QAM	19975	1RB#12	22.10	2	24.1	30	PASS
Band4	5MHz	QPSK	19975	1RB#24	23.11	2	25.11	30	PASS
Band4	5MHz	16QAM	19975	1RB#24	22.07	2	24.07	30	PASS
Band4	5MHz	QPSK	19975	25RB#0	22.06	2	24.06	30	PASS
Band4	5MHz	16QAM	19975	25RB#0	21.30	2	23.3	30	PASS
Band4	5MHz	QPSK	20175	1RB#0	23.40	2	25.4	30	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.87	2	23.87	30	PASS
Band4	5MHz	QPSK	20175	1RB#12	23.39	2	25.39	30	PASS
Band4	5MHz	16QAM	20175	1RB#12	22.09	2	24.09	30	PASS
Band4	5MHz	QPSK	20175	1RB#24	23.36	2	25.36	30	PASS
Band4	5MHz	16QAM	20175	1RB#24	22.28	2	24.28	30	PASS
Band4	5MHz	QPSK	20175	25RB#0	22.30	2	24.3	30	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.32	2	23.32	30	PASS
Band4	5MHz	QPSK	20375	1RB#0	23.21	2	25.21	30	PASS
Band4	5MHz	16QAM	20375	1RB#0	22.31	2	24.31	30	PASS
Band4	5MHz	QPSK	20375	1RB#12	23.26	2	25.26	30	PASS
Band4	5MHz	16QAM	20375	1RB#12	22.06	2	24.06	30	PASS
Band4	5MHz	QPSK	20375	1RB#24	23.17	2	25.17	30	PASS
Band4	5MHz	16QAM	20375	1RB#24	22.23	2	24.23	30	PASS
Band4	5MHz	QPSK	20375	25RB#0	22.29	2	24.29	30	PASS
Band4	5MHz	16QAM	20375	25RB#0	21.29	2	23.29	30	PASS
Band4	10MHz	QPSK	20000	1RB#0	23.07	2	25.07	30	PASS
Band4	10MHz	16QAM	20000	1RB#0	22.43	2	24.43	30	PASS
Band4	10MHz	QPSK	20000	1RB#24	23.10	2	25.1	30	PASS
Band4	10MHz	16QAM	20000	1RB#24	22.37	2	24.37	30	PASS

Band4	10MHz	QPSK	20000	1RB#49	23.26	2	25.26	30	PASS
Band4	10MHz	16QAM	20000	1RB#49	22.53	2	24.53	30	PASS
Band4	10MHz	QPSK	20175	1RB#0	23.13	2	25.13	30	PASS
Band4	10MHz	16QAM	20175	1RB#0	22.34	2	24.34	30	PASS
Band4	10MHz	QPSK	20175	1RB#24	23.41	2	25.41	30	PASS
Band4	10MHz	16QAM	20175	1RB#24	22.76	2	24.76	30	PASS
Band4	10MHz	QPSK	20175	1RB#49	23.11	2	25.11	30	PASS
Band4	10MHz	16QAM	20175	1RB#49	22.30	2	24.3	30	PASS
Band4	10MHz	QPSK	20350	1RB#0	23.36	2	25.36	30	PASS
Band4	10MHz	16QAM	20350	1RB#0	22.26	2	24.26	30	PASS
Band4	10MHz	QPSK	20350	1RB#24	23.19	2	25.19	30	PASS
Band4	10MHz	16QAM	20350	1RB#24	22.19	2	24.19	30	PASS
Band4	10MHz	QPSK	20350	1RB#49	23.14	2	25.14	30	PASS
Band4	10MHz	16QAM	20350	1RB#49	22.22	2	24.22	30	PASS
Band4	10MHz	QPSK	20000	50RB#0	22.27	2	24.27	30	PASS
Band4	10MHz	QPSK	20175	50RB#0	22.27	2	24.27	30	PASS
Band4	10MHz	QPSK	20350	50RB#0	22.20	2	24.2	30	PASS
Band4	15MHz	QPSK	20025	1RB#0	23.25	2	25.25	30	PASS
Band4	15MHz	16QAM	20025	1RB#0	22.38	2	24.38	30	PASS
Band4	15MHz	QPSK	20025	1RB#38	23.22	2	25.22	30	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.36	2	24.36	30	PASS
Band4	15MHz	QPSK	20025	1RB#74	23.27	2	25.27	30	PASS
Band4	15MHz	16QAM	20025	1RB#74	22.43	2	24.43	30	PASS
Band4	15MHz	QPSK	20175	1RB#0	23.11	2	25.11	30	PASS
Band4	15MHz	16QAM	20175	1RB#0	22.33	2	24.33	30	PASS
Band4	15MHz	QPSK	20175	1RB#38	23.23	2	25.23	30	PASS
Band4	15MHz	16QAM	20175	1RB#38	22.46	2	24.46	30	PASS
Band4	15MHz	QPSK	20175	1RB#74	23.16	2	25.16	30	PASS
Band4	15MHz	16QAM	20175	1RB#74	22.20	2	24.2	30	PASS
Band4	15MHz	QPSK	20325	1RB#0	23.12	2	25.12	30	PASS
Band4	15MHz	16QAM	20325	1RB#0	22.30	2	24.3	30	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.97	2	24.97	30	PASS
Band4	15MHz	16QAM	20325	1RB#38	21.97	2	23.97	30	PASS
Band4	15MHz	QPSK	20325	1RB#74	23.07	2	25.07	30	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.38	2	24.38	30	PASS
Band4	15MHz	QPSK	20025	75RB#0	22.33	2	24.33	30	PASS
Band4	15MHz	QPSK	20175	75RB#0	22.32	2	24.32	30	PASS
Band4	15MHz	QPSK	20325	75RB#0	22.17	2	24.17	30	PASS
Band4	20MHz	QPSK	20050	1RB#0	23.35	2	25.35	30	PASS
Band4	20MHz	16QAM	20050	1RB#0	22.28	2	24.28	30	PASS
Band4	20MHz	QPSK	20050	1RB#49	23.45	2	25.45	30	PASS

Band4	20MHz	16QAM	20050	1RB#49	22.81	2	24.81	30	PASS
Band4	20MHz	QPSK	20050	1RB#99	23.50	2	25.5	30	PASS
Band4	20MHz	16QAM	20050	1RB#99	22.58	2	24.58	30	PASS
Band4	20MHz	QPSK	20175	1RB#0	23.13	2	25.13	30	PASS
Band4	20MHz	16QAM	20175	1RB#0	22.33	2	24.33	30	PASS
Band4	20MHz	QPSK	20175	1RB#49	23.77	2	25.77	30	PASS
Band4	20MHz	16QAM	20175	1RB#49	23.15	2	25.15	30	PASS
Band4	20MHz	QPSK	20175	1RB#99	23.14	2	25.14	30	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.28	2	24.28	30	PASS
Band4	20MHz	QPSK	20300	1RB#0	23.49	2	25.49	30	PASS
Band4	20MHz	16QAM	20300	1RB#0	23.12	2	25.12	30	PASS
Band4	20MHz	QPSK	20300	1RB#49	23.15	2	25.15	30	PASS
Band4	20MHz	16QAM	20300	1RB#49	23.28	2	25.28	30	PASS
Band4	20MHz	QPSK	20300	1RB#99	23.18	2	25.18	30	PASS
Band4	20MHz	16QAM	20300	1RB#99	22.79	2	24.79	30	PASS
Band4	20MHz	QPSK	20050	100RB#0	22.34	2	24.34	30	PASS
Band4	20MHz	QPSK	20175	100RB#0	22.31	2	24.31	30	PASS
Band4	20MHz	QPSK	20300	100RB#0	22.22	2	24.22	30	PASS
Band4	10MHz	16QAM	20000	27RB#0	21.34	2	23.34	30	PASS
Band4	10MHz	16QAM	20175	27RB#0	21.37	2	23.37	30	PASS
Band4	10MHz	16QAM	20350	27RB#0	21.21	2	23.21	30	PASS
Band4	15MHz	16QAM	20025	27RB#0	21.40	2	23.4	30	PASS
Band4	15MHz	16QAM	20175	27RB#0	21.57	2	23.57	30	PASS
Band4	15MHz	16QAM	20325	27RB#0	21.37	2	23.37	30	PASS
Band4	20MHz	16QAM	20050	27RB#0	21.23	2	23.23	30	PASS
Band4	20MHz	16QAM	20175	27RB#0	21.35	2	23.35	30	PASS
Band4	20MHz	16QAM	20300	27RB#0	21.60	2	23.6	30	PASS

Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	20175	6RB#0	5.40	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.36	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.41	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.31	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.40	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.20	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.27	13	PASS
Band4	10MHz	16QAM	20175	27RB#0	6.04	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.45	13	PASS
Band4	15MHz	16QAM	20175	27RB#0	5.95	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.27	13	PASS
Band4	20MHz	16QAM	20175	27RB#0	5.92	13	PASS

Test Graphs

Band4-1.4MHz-QPSK-20175-6RB#0-PASS

Band4-1.4MHz-16QAM-20175-6RB#0-PASS

Band4-3MHz-QPSK-20175-15RB#0-PASS

Band4-3MHz-16QAM-20175-15RB#0-PASS

Band4-5MHz-QPSK-20175-25RB#0-PASS

Band4-5MHz-16QAM-20175-25RB#0-PASS

Band4-10MHz-QPSK-20175-50RB#0-PASS

Band4-10MHz-16QAM-20175-27RB#0-PASS

Band4-15MHz-QPSK-20175-75RB#0-PASS

Band4-15MHz-16QAM-20175-27RB#0-PASS

Band4-20MHz-QPSK-20175-100RB#0-PASS

Band4-20MHz-16QAM-20175-27RB#0-PASS

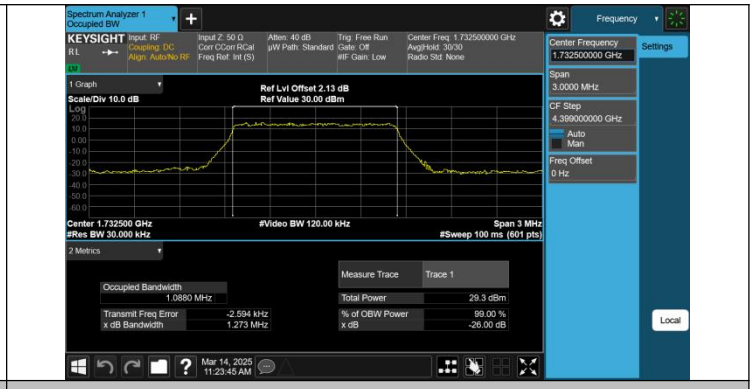
26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	20175	6RB#0	1.0994	1.292	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0880	1.273	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7076	2.964	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6895	2.970	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5104	5.026	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5001	4.993	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9685	9.896	PASS
Band4	10MHz	16QAM	20175	27RB#0	4.9814	5.810	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.451	14.81	PASS
Band4	15MHz	16QAM	20175	27RB#0	5.1208	6.160	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.913	19.60	PASS
Band4	20MHz	16QAM	20175	27RB#0	5.2726	6.482	PASS

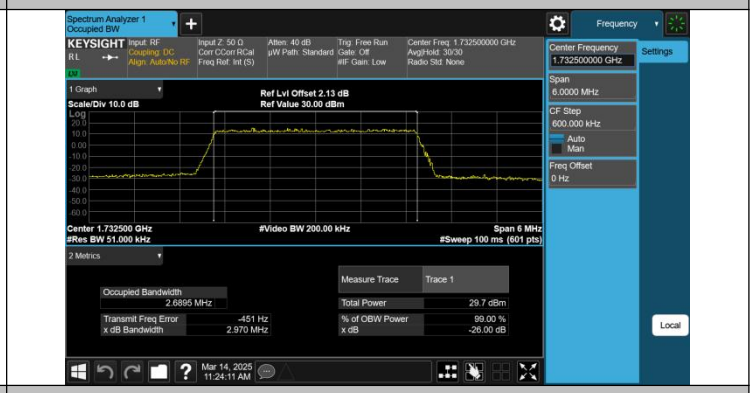
Test Graphs

Band4-1.4MHz-QPSK-20175-6RB#0-PASS



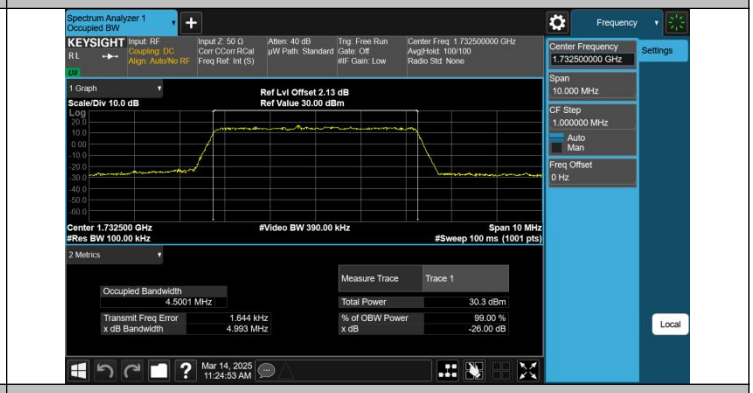
Band4-1.4MHz-16QAM-20175-6RB#0-PASS

Band4-3MHz-QPSK-20175-15RB#0-PASS



Band4-3MHz-16QAM-20175-15RB#0-PASS

Band4-5MHz-QPSK-20175-25RB#0-PASS



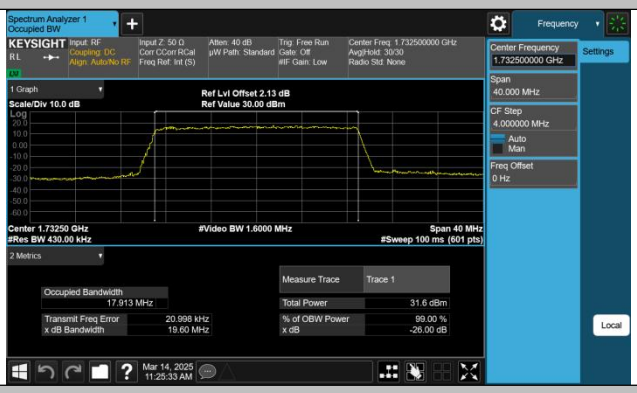
Band4-5MHz-16QAM-20175-25RB#0-PASS

Band4-10MHz-QPSK-20175-50RB#0-PASS

Band4-10MHz-16QAM-20175-27RB#0-PASS

Band4-15MHz-QPSK-20175-75RB#0-PASS

Band4-15MHz-16QAM-20175-27RB#0-PASS



Band4-20MHz-QPSK-20175-100RB#0-PASS

Band4-20MHz-16QAM-20175-27RB#0-PASS