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	23.05	2	25.05	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	22.35	2	24.35	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	23.35	2	25.35	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	22.72	2	24.72	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	23.34	2	25.34	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	22.40	2	24.4	30	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	22.56	2	24.56	30	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	21.58	2	23.58	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	23.43	2	25.43	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	22.58	2	24.58	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	23.77	2	25.77	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	22.84	2	24.84	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	23.67	2	25.67	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	22.72	2	24.72	30	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	22.66	2	24.66	30	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	21.69	2	23.69	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	23.20	2	25.2	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	22.46	2	24.46	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	23.21	2	25.21	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	22.43	2	24.43	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	23.29	2	25.29	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	22.28	2	24.28	30	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	22.53	2	24.53	30	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	21.55	2	23.55	30	PASS
Band4	3MHz	QPSK	19965	1RB#0	23.36	2	25.36	30	PASS
Band4	3MHz	16QAM	19965	1RB#0	22.47	2	24.47	30	PASS
Band4	3MHz	QPSK	19965	1RB#8	23.32	2	25.32	30	PASS
Band4	3MHz	16QAM	19965	1RB#8	22.42	2	24.42	30	PASS
Band4	3MHz	QPSK	19965	1RB#14	23.35	2	25.35	30	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.40	2	24.4	30	PASS
Band4	3MHz	QPSK	19965	15RB#0	22.57	2	24.57	30	PASS
Band4	3MHz	16QAM	19965	15RB#0	21.51	2	23.51	30	PASS
Band4	3MHz	QPSK	20175	1RB#0	23.37	2	25.37	30	PASS
Band4	3MHz	16QAM	20175	1RB#0	22.48	2	24.48	30	PASS
Band4	3MHz	QPSK	20175	1RB#8	23.64	2	25.64	30	PASS
Band4	3MHz	16QAM	20175	1RB#8	22.62	2	24.62	30	PASS

Band4	3MHz	QPSK	20175	1RB#14	23.63	2	25.63	30	PASS
Band4	3MHz	16QAM	20175	1RB#14	22.81	2	24.81	30	PASS
Band4	3MHz	QPSK	20175	15RB#0	22.64	2	24.64	30	PASS
Band4	3MHz	16QAM	20175	15RB#0	21.68	2	23.68	30	PASS
Band4	3MHz	QPSK	20385	1RB#0	23.14	2	25.14	30	PASS
Band4	3MHz	16QAM	20385	1RB#0	22.14	2	24.14	30	PASS
Band4	3MHz	QPSK	20385	1RB#8	23.43	2	25.43	30	PASS
Band4	3MHz	16QAM	20385	1RB#8	22.41	2	24.41	30	PASS
Band4	3MHz	QPSK	20385	1RB#14	23.46	2	25.46	30	PASS
Band4	3MHz	16QAM	20385	1RB#14	22.50	2	24.5	30	PASS
Band4	3MHz	QPSK	20385	15RB#0	22.53	2	24.53	30	PASS
Band4	3MHz	16QAM	20385	15RB#0	21.40	2	23.4	30	PASS
Band4	5MHz	QPSK	19975	1RB#0	23.26	2	25.26	30	PASS
Band4	5MHz	16QAM	19975	1RB#0	22.40	2	24.4	30	PASS
Band4	5MHz	QPSK	19975	1RB#12	23.46	2	25.46	30	PASS
Band4	5MHz	16QAM	19975	1RB#12	22.42	2	24.42	30	PASS
Band4	5MHz	QPSK	19975	1RB#24	23.29	2	25.29	30	PASS
Band4	5MHz	16QAM	19975	1RB#24	22.36	2	24.36	30	PASS
Band4	5MHz	QPSK	19975	25RB#0	22.48	2	24.48	30	PASS
Band4	5MHz	16QAM	19975	25RB#0	21.53	2	23.53	30	PASS
Band4	5MHz	QPSK	20175	1RB#0	23.93	2	25.93	30	PASS
Band4	5MHz	16QAM	20175	1RB#0	22.41	2	24.41	30	PASS
Band4	5MHz	QPSK	20175	1RB#12	23.64	2	25.64	30	PASS
Band4	5MHz	16QAM	20175	1RB#12	22.36	2	24.36	30	PASS
Band4	5MHz	QPSK	20175	1RB#24	23.64	2	25.64	30	PASS
Band4	5MHz	16QAM	20175	1RB#24	22.57	2	24.57	30	PASS
Band4	5MHz	QPSK	20175	25RB#0	22.58	2	24.58	30	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.71	2	23.71	30	PASS
Band4	5MHz	QPSK	20375	1RB#0	23.54	2	25.54	30	PASS
Band4	5MHz	16QAM	20375	1RB#0	22.66	2	24.66	30	PASS
Band4	5MHz	QPSK	20375	1RB#12	23.56	2	25.56	30	PASS
Band4	5MHz	16QAM	20375	1RB#12	22.59	2	24.59	30	PASS
Band4	5MHz	QPSK	20375	1RB#24	23.71	2	25.71	30	PASS
Band4	5MHz	16QAM	20375	1RB#24	22.71	2	24.71	30	PASS
Band4	5MHz	QPSK	20375	25RB#0	22.54	2	24.54	30	PASS
Band4	5MHz	16QAM	20375	25RB#0	21.55	2	23.55	30	PASS
Band4	10MHz	QPSK	20000	1RB#0	23.26	2	25.26	30	PASS
Band4	10MHz	16QAM	20000	1RB#0	22.53	2	24.53	30	PASS
Band4	10MHz	QPSK	20000	1RB#24	23.44	2	25.44	30	PASS
Band4	10MHz	16QAM	20000	1RB#24	22.66	2	24.66	30	PASS
Band4	10MHz	QPSK	20000	1RB#49	23.51	2	25.51	30	PASS

Band4	10MHz	16QAM	20000	1RB#49	22.73	2	24.73	30	PASS
Band4	10MHz	QPSK	20175	1RB#0	23.57	2	25.57	30	PASS
Band4	10MHz	16QAM	20175	1RB#0	22.60	2	24.6	30	PASS
Band4	10MHz	QPSK	20175	1RB#24	23.55	2	25.55	30	PASS
Band4	10MHz	16QAM	20175	1RB#24	22.79	2	24.79	30	PASS
Band4	10MHz	QPSK	20175	1RB#49	23.44	2	25.44	30	PASS
Band4	10MHz	16QAM	20175	1RB#49	22.59	2	24.59	30	PASS
Band4	10MHz	QPSK	20350	1RB#0	23.45	2	25.45	30	PASS
Band4	10MHz	16QAM	20350	1RB#0	22.45	2	24.45	30	PASS
Band4	10MHz	QPSK	20350	1RB#24	23.44	2	25.44	30	PASS
Band4	10MHz	16QAM	20350	1RB#24	22.65	2	24.65	30	PASS
Band4	10MHz	QPSK	20350	1RB#49	23.38	2	25.38	30	PASS
Band4	10MHz	16QAM	20350	1RB#49	22.45	2	24.45	30	PASS
Band4	10MHz	QPSK	20000	50RB#0	22.52	2	24.52	30	PASS
Band4	10MHz	QPSK	20175	50RB#0	22.64	2	24.64	30	PASS
Band4	10MHz	QPSK	20350	50RB#0	22.44	2	24.44	30	PASS
Band4	15MHz	QPSK	20025	1RB#0	23.24	2	25.24	30	PASS
Band4	15MHz	16QAM	20025	1RB#0	22.57	2	24.57	30	PASS
Band4	15MHz	QPSK	20025	1RB#38	23.46	2	25.46	30	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.59	2	24.59	30	PASS
Band4	15MHz	QPSK	20025	1RB#74	23.45	2	25.45	30	PASS
Band4	15MHz	16QAM	20025	1RB#74	22.69	2	24.69	30	PASS
Band4	15MHz	QPSK	20175	1RB#0	23.61	2	25.61	30	PASS
Band4	15MHz	16QAM	20175	1RB#0	22.62	2	24.62	30	PASS
Band4	15MHz	QPSK	20175	1RB#38	23.60	2	25.6	30	PASS
Band4	15MHz	16QAM	20175	1RB#38	22.70	2	24.7	30	PASS
Band4	15MHz	QPSK	20175	1RB#74	23.40	2	25.4	30	PASS
Band4	15MHz	16QAM	20175	1RB#74	22.56	2	24.56	30	PASS
Band4	15MHz	QPSK	20325	1RB#0	23.51	2	25.51	30	PASS
Band4	15MHz	16QAM	20325	1RB#0	22.68	2	24.68	30	PASS
Band4	15MHz	QPSK	20325	1RB#38	23.33	2	25.33	30	PASS
Band4	15MHz	16QAM	20325	1RB#38	22.66	2	24.66	30	PASS
Band4	15MHz	QPSK	20325	1RB#74	23.38	2	25.38	30	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.70	2	24.7	30	PASS
Band4	15MHz	QPSK	20025	75RB#0	22.60	2	24.6	30	PASS
Band4	15MHz	QPSK	20175	75RB#0	22.63	2	24.63	30	PASS
Band4	15MHz	QPSK	20325	75RB#0	22.64	2	24.64	30	PASS
Band4	20MHz	QPSK	20050	1RB#0	23.45	2	25.45	30	PASS
Band4	20MHz	16QAM	20050	1RB#0	22.20	2	24.2	30	PASS
Band4	20MHz	QPSK	20050	1RB#49	23.67	2	25.67	30	PASS
Band4	20MHz	16QAM	20050	1RB#49	22.97	2	24.97	30	PASS

Band4	20MHz	QPSK	20050	1RB#99	23.50	2	25.5	30	PASS
Band4	20MHz	16QAM	20050	1RB#99	22.68	2	24.68	30	PASS
Band4	20MHz	QPSK	20175	1RB#0	23.45	2	25.45	30	PASS
Band4	20MHz	16QAM	20175	1RB#0	22.72	2	24.72	30	PASS
Band4	20MHz	QPSK	20175	1RB#49	23.97	2	25.97	30	PASS
Band4	20MHz	16QAM	20175	1RB#49	23.08	2	25.08	30	PASS
Band4	20MHz	QPSK	20175	1RB#99	23.48	2	25.48	30	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.58	2	24.58	30	PASS
Band4	20MHz	QPSK	20300	1RB#0	23.59	2	25.59	30	PASS
Band4	20MHz	16QAM	20300	1RB#0	23.37	2	25.37	30	PASS
Band4	20MHz	QPSK	20300	1RB#49	23.52	2	25.52	30	PASS
Band4	20MHz	16QAM	20300	1RB#49	23.53	2	25.53	30	PASS
Band4	20MHz	QPSK	20300	1RB#99	23.36	2	25.36	30	PASS
Band4	20MHz	16QAM	20300	1RB#99	23.10	2	25.1	30	PASS
Band4	20MHz	QPSK	20050	100RB#0	22.61	2	24.61	30	PASS
Band4	20MHz	QPSK	20175	100RB#0	22.61	2	24.61	30	PASS
Band4	20MHz	QPSK	20300	100RB#0	22.54	2	24.54	30	PASS
Band4	10MHz	16QAM	20000	27RB#0	21.64	2	23.64	30	PASS
Band4	10MHz	16QAM	20175	27RB#0	21.85	2	23.85	30	PASS
Band4	10MHz	16QAM	20350	27RB#0	21.81	2	23.81	30	PASS
Band4	15MHz	16QAM	20025	27RB#0	21.71	2	23.71	30	PASS
Band4	15MHz	16QAM	20175	27RB#0	21.82	2	23.82	30	PASS
Band4	15MHz	16QAM	20325	27RB#0	21.74	2	23.74	30	PASS
Band4	20MHz	16QAM	20050	27RB#0	21.75	2	23.75	30	PASS
Band4	20MHz	16QAM	20175	27RB#0	21.48	2	23.48	30	PASS
Band4	20MHz	16QAM	20300	27RB#0	21.66	2	23.66	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	5.34	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.28	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.35	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.21	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.35	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.14	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.32	13	PASS
Band4	10MHz	16QAM	20175	27RB#0	5.98	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.42	13	PASS
Band4	15MHz	16QAM	20175	27RB#0	5.92	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.23	13	PASS
Band4	20MHz	16QAM	20175	27RB#0	5.88	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

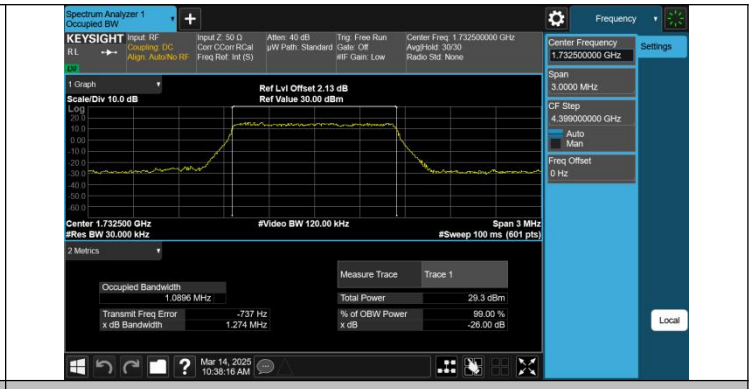
26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	20175	6RB#0	1.0979	1.303	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0896	1.274	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7112	2.974	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6928	2.966	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5158	5.025	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5070	4.992	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9676	9.906	PASS
Band4	10MHz	16QAM	20175	27RB#0	4.9718	5.872	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.460	14.72	PASS
Band4	15MHz	16QAM	20175	27RB#0	5.1116	6.132	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.916	19.50	PASS
Band4	20MHz	16QAM	20175	27RB#0	5.2729	6.461	PASS

Test Graphs

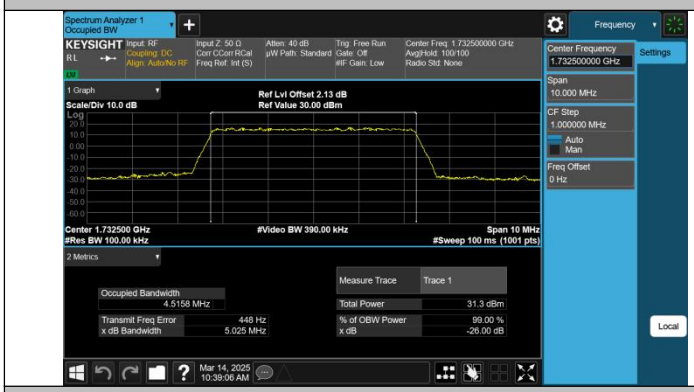
Band4-1.4MHz-QPSK-20175-6RB#0-PASS



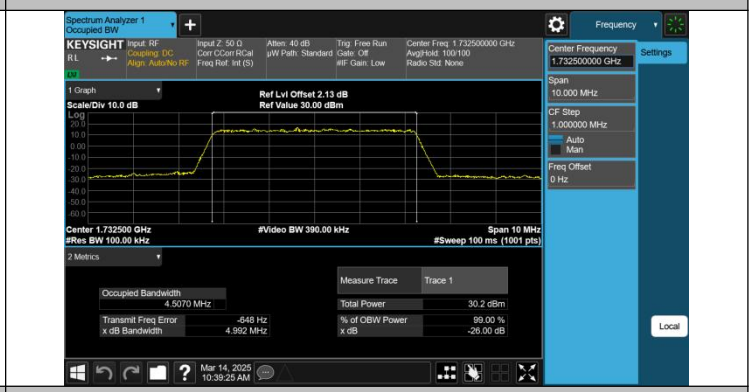
Band4-1.4MHz-16QAM-20175-6RB#0-PASS

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