Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	Gain (dB)	ERP (dBm)	Limit (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.04	0.1	20.99	34.8	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	22.63	0.1	20.58	34.8	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	21.97	0.1	19.92	34.8	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.14	0.1	21.09	34.8	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.90	0.1	20.85	34.8	PASS
Band12	1.4MHz	64QAM	23017	1RB#2	22.22	0.1	20.17	34.8	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.08	0.1	21.03	34.8	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.84	0.1	20.79	34.8	PASS
Band12	1.4MHz	64QAM	23017	1RB#5	22.16	0.1	20.11	34.8	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.86	0.1	20.81	34.8	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.76	0.1	19.71	34.8	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	20.78	0.1	18.73	34.8	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.13	0.1	21.08	34.8	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	22.77	0.1	20.72	34.8	PASS
Band12	1.4MHz	64QAM	23095	1RB#0	21.70	0.1	19.65	34.8	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.21	0.1	21.16	34.8	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	22.90	0.1	20.85	34.8	PASS
Band12	1.4MHz	64QAM	23095	1RB#2	21.80	0.1	19.75	34.8	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.09	0.1	21.04	34.8	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	22.85	0.1	20.8	34.8	PASS
Band12	1.4MHz	64QAM	23095	1RB#5	22.20	0.1	20.15	34.8	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.92	0.1	20.87	34.8	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.95	0.1	19.9	34.8	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	20.81	0.1	18.76	34.8	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	22.99	0.1	20.94	34.8	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	22.66	0.1	20.61	34.8	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	21.94	0.1	19.89	34.8	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.06	0.1	21.01	34.8	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	22.88	0.1	20.83	34.8	PASS
Band12	1.4MHz	64QAM	23173	1RB#2	22.20	0.1	20.15	34.8	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.02	0.1	20.97	34.8	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.81	0.1	20.76	34.8	PASS
Band12	1.4MHz	64QAM	23173	1RB#5	22.11	0.1	20.06	34.8	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.75	0.1	20.7	34.8	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.82	0.1	19.77	34.8	PASS

Band12	1.4MHz	64QAM	23173	6RB#0	20.64	0.1	18.59	34.8	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.11	0.1	21.06	34.8	PASS
Band12	3MHz	16QAM	23025	1RB#0	22.80	0.1	20.75	34.8	PASS
Band12	3MHz	64QAM	23025	1RB#0	21.69	0.1	19.64	34.8	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.28	0.1	21.23	34.8	PASS
Band12	3MHz	16QAM	23025	1RB#8	22.97	0.1	20.92	34.8	PASS
Band12	3MHz	64QAM	23025	1RB#8	21.85	0.1	19.8	34.8	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.21	0.1	21.16	34.8	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.85	0.1	20.8	34.8	PASS
Band12	3MHz	64QAM	23025	1RB#14	21.76	0.1	19.71	34.8	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.95	0.1	20.9	34.8	PASS
Band12	3MHz	16QAM	23025	15RB#0	22.03	0.1	19.98	34.8	PASS
Band12	3MHz	64QAM	23025	15RB#0	21.14	0.1	19.09	34.8	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.08	0.1	21.03	34.8	PASS
Band12	3MHz	16QAM	23095	1RB#0	22.99	0.1	20.94	34.8	PASS
Band12	3MHz	64QAM	23095	1RB#0	21.84	0.1	19.79	34.8	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.30	0.1	21.25	34.8	PASS
Band12	3MHz	16QAM	23095	1RB#8	22.98	0.1	20.93	34.8	PASS
Band12	3MHz	64QAM	23095	1RB#8	21.95	0.1	19.9	34.8	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.18	0.1	21.13	34.8	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.83	0.1	20.78	34.8	PASS
Band12	3MHz	64QAM	23095	1RB#14	21.77	0.1	19.72	34.8	PASS
Band12	3MHz	QPSK	23095	15RB#0	23.03	0.1	20.98	34.8	PASS
Band12	3MHz	16QAM	23095	15RB#0	22.06	0.1	20.01	34.8	PASS
Band12	3MHz	64QAM	23095	15RB#0	21.19	0.1	19.14	34.8	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.13	0.1	21.08	34.8	PASS
Band12	3MHz	16QAM	23165	1RB#0	22.79	0.1	20.74	34.8	PASS
Band12	3MHz	64QAM	23165	1RB#0	21.70	0.1	19.65	34.8	PASS
Band12	3MHz	QPSK	23165	1RB#8	23.25	0.1	21.2	34.8	PASS
Band12	3MHz	16QAM	23165	1RB#8	22.92	0.1	20.87	34.8	PASS
Band12	3MHz	64QAM	23165	1RB#8	21.84	0.1	19.79	34.8	PASS
Band12	3MHz	QPSK	23165	1RB#14	23.13	0.1	21.08	34.8	PASS
Band12	3MHz	16QAM	23165	1RB#14	22.77	0.1	20.72	34.8	PASS
Band12	3MHz	64QAM	23165	1RB#14	21.66	0.1	19.61	34.8	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.90	0.1	20.85	34.8	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.85	0.1	19.8	34.8	PASS
Band12	3MHz	64QAM	23165	15RB#0	20.91	0.1	18.86	34.8	PASS
Band12	5MHz	QPSK	23035	1RB#0	22.90	0.1	20.85	34.8	PASS
Band12	5MHz	16QAM	23035	1RB#0	22.85	0.1	20.8	34.8	PASS
Band12	5MHz	64QAM	23035	1RB#0	22.15	0.1	20.1	34.8	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.23	0.1	21.18	34.8	PASS

Band12	5MHz	16QAM	23035	1RB#12	23.18	0.1	21.13	34.8	PASS
Band12	5MHz	64QAM	23035	1RB#12	22.52	0.1	20.47	34.8	PASS
Band12	5MHz	QPSK	23035	1RB#24	22.97	0.1	20.92	34.8	PASS
Band12	5MHz	16QAM	23035	1RB#24	22.88	0.1	20.83	34.8	PASS
Band12	5MHz	64QAM	23035	1RB#24	22.27	0.1	20.22	34.8	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.93	0.1	20.88	34.8	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.97	0.1	19.92	34.8	PASS
Band12	5MHz	64QAM	23035	25RB#0	20.96	0.1	18.91	34.8	PASS
Band12	5MHz	QPSK	23095	1RB#0	22.98	0.1	20.93	34.8	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.74	0.1	20.69	34.8	PASS
Band12	5MHz	64QAM	23095	1RB#0	21.60	0.1	19.55	34.8	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.25	0.1	21.2	34.8	PASS
Band12	5MHz	16QAM	23095	1RB#12	23.16	0.1	21.11	34.8	PASS
Band12	5MHz	64QAM	23095	1RB#12	22.56	0.1	20.51	34.8	PASS
Band12	5MHz	QPSK	23095	1RB#24	22.95	0.1	20.9	34.8	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.88	0.1	20.83	34.8	PASS
Band12	5MHz	64QAM	23095	1RB#24	22.21	0.1	20.16	34.8	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.97	0.1	20.92	34.8	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.98	0.1	19.93	34.8	PASS
Band12	5MHz	64QAM	23095	25RB#0	21.02	0.1	18.97	34.8	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.12	0.1	21.07	34.8	PASS
Band12	5MHz	16QAM	23155	1RB#0	23.04	0.1	20.99	34.8	PASS
Band12	5MHz	64QAM	23155	1RB#0	22.41	0.1	20.36	34.8	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.25	0.1	21.2	34.8	PASS
Band12	5MHz	16QAM	23155	1RB#12	23.13	0.1	21.08	34.8	PASS
Band12	5MHz	64QAM	23155	1RB#12	22.51	0.1	20.46	34.8	PASS
Band12	5MHz	QPSK	23155	1RB#24	23.13	0.1	21.08	34.8	PASS
Band12	5MHz	16QAM	23155	1RB#24	23.03	0.1	20.98	34.8	PASS
Band12	5MHz	64QAM	23155	1RB#24	22.41	0.1	20.36	34.8	PASS
Band12	5MHz	QPSK	23155	25RB#0	22.94	0.1	20.89	34.8	PASS
Band12	5MHz	16QAM	23155	25RB#0	22.01	0.1	19.96	34.8	PASS
Band12	5MHz	64QAM	23155	25RB#0	20.97	0.1	18.92	34.8	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.09	0.1	21.04	34.8	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.81	0.1	20.76	34.8	PASS
Band12	10MHz	64QAM	23060	1RB#0	21.78	0.1	19.73	34.8	PASS
Band12	10MHz	QPSK	23060	1RB#24	22.95	0.1	20.9	34.8	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.57	0.1	20.52	34.8	PASS
Band12	10MHz	64QAM	23060	1RB#24	22.02	0.1	19.97	34.8	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.12	0.1	21.07	34.8	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.78	0.1	20.73	34.8	PASS
Band12	10MHz	64QAM	23060	1RB#49	21.75	0.1	19.7	34.8	PASS

Band12	10MHz	QPSK	23060	50RB#0	22.63	0.1	20.58	34.8	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.70	0.1	19.65	34.8	PASS
Band12	10MHz	64QAM	23060	50RB#0	20.74	0.1	18.69	34.8	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.01	0.1	20.96	34.8	PASS
Band12	10MHz	16QAM	23095	1RB#0	22.94	0.1	20.89	34.8	PASS
Band12	10MHz	64QAM	23095	1RB#0	21.75	0.1	19.7	34.8	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.02	0.1	20.97	34.8	PASS
Band12	10MHz	16QAM	23095	1RB#24	22.70	0.1	20.65	34.8	PASS
Band12	10MHz	64QAM	23095	1RB#24	21.63	0.1	19.58	34.8	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.05	0.1	21	34.8	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.80	0.1	20.75	34.8	PASS
Band12	10MHz	64QAM	23095	1RB#49	21.67	0.1	19.62	34.8	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.63	0.1	20.58	34.8	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.72	0.1	19.67	34.8	PASS
Band12	10MHz	64QAM	23095	50RB#0	20.75	0.1	18.7	34.8	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.23	0.1	21.18	34.8	PASS
Band12	10MHz	16QAM	23130	1RB#0	22.83	0.1	20.78	34.8	PASS
Band12	10MHz	64QAM	23130	1RB#0	21.77	0.1	19.72	34.8	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.03	0.1	20.98	34.8	PASS
Band12	10MHz	16QAM	23130	1RB#24	22.65	0.1	20.6	34.8	PASS
Band12	10MHz	64QAM	23130	1RB#24	21.65	0.1	19.6	34.8	PASS
Band12	10MHz	QPSK	23130	1RB#49	23.03	0.1	20.98	34.8	PASS
Band12	10MHz	16QAM	23130	1RB#49	22.73	0.1	20.68	34.8	PASS
Band12	10MHz	64QAM	23130	1RB#49	21.67	0.1	19.62	34.8	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.70	0.1	20.65	34.8	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.73	0.1	19.68	34.8	PASS
Band12	10MHz	64QAM	23130	50RB#0	20.75	0.1	18.7	34.8	PASS

Note : EIRP = Transmitter output power(dBm) + Gain(dBi);

ERP = EIRP - 2.15

Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23095	6RB#0	5.34	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.19	13	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	11.61	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.25	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.11	13	PASS
Band12	3MHz	64QAM	23095	15RB#0	10.51	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.34	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.11	13	PASS
Band12	5MHz	64QAM	23095	25RB#0	8.66	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.33	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.13	13	PASS
Band12	10MHz	64QAM	23095	50RB#0	7.45	13	PASS

Test Graphs

Band12-1.4MHz-QPSK-23095-6RB#0-PASS

Band12-1.4MHz-16QAM-23095-6RB#0-PASS

Band12-1.4MHz-64QAM-23095-6RB#0-PASS

Band12-3MHz-QPSK-23095-15RB#0-PASS

Band12-3MHz-16QAM-23095-15RB#0-PASS

Band12-3MHz-64QAM-23095-15RB#0-PASS

Band12-5MHz-QPSK-23095-25RB#0-PASS

Band12-5MHz-16QAM-23095-25RB#0-PASS

Band12-5MHz-64QAM-23095-25RB#0-PASS

Band12-10MHz-QPSK-23095-50RB#0-PASS

Band12-10MHz-16QAM-23095-50RB#0-PASS

Band12-10MHz-64QAM-23095-50RB#0-PASS

26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23095	6RB#0	1.0899	1.228	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0942	1.230	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	1.0938	1.226	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6910	3.018	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6848	2.985	PASS
Band12	3MHz	64QAM	23095	15RB#0	2.6915	2.952	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5001	4.944	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.4952	4.929	PASS
Band12	5MHz	64QAM	23095	25RB#0	4.4939	4.930	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9689	9.803	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9614	9.752	PASS
Band12	10MHz	64QAM	23095	50RB#0	8.9771	9.816	PASS

Test Graphs

Band12-1.4MHz-QPSK-23095-6RB#0-PASS

Band12-1.4MHz-16QAM-23095-6RB#0-PASS

Band12-1.4MHz-64QAM-23095-6RB#0-PASS

Band12-3MHz-QPSK-23095-15RB#0-PASS

Band12-3MHz-16QAM-23095-15RB#0-PASS

Band12-3MHz-64QAM-23095-15RB#0-PASS

Band12-5MHz-QPSK-23095-25RB#0-PASS

Band12-5MHz-16QAM-23095-25RB#0-PASS

Band12-5MHz-64QAM-23095-25RB#0-PASS

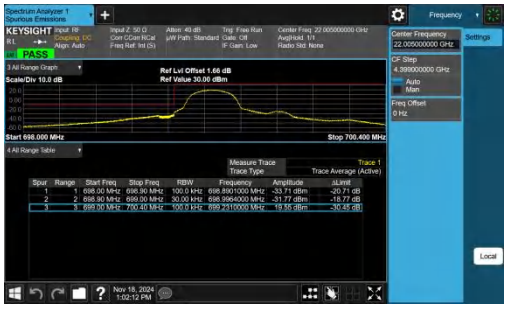
Band12-10MHz-QPSK-23095-50RB#0-PASS

Band12-10MHz-16QAM-23095-50RB#0-PASS

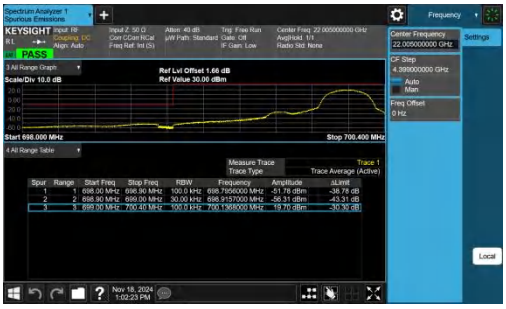
Band12-10MHz-64QAM-23095-50RB#0-PASS

Band Edge

Test Graphs



Band12-1.4MHz-QPSK-23017-1RB#0-PASS



Band12-1.4MHz-QPSK-23017-1RB#5-PASS

Band12-1.4MHz-QPSK-23017-6RB#0-PASS

Band12-1.4MHz-QPSK-23173-1RB#0-PASS

Band12-1.4MHz-QPSK-23173-1RB#5-PASS

Band12-1.4MHz-QPSK-23173-6RB#0-PASS

Band12-3MHz-QPSK-23025-1RB#0-PASS

Band12-3MHz-QPSK-23025-1RB#14-PASS

Band12-3MHz-QPSK-23025-15RB#0-PASS

Band12-3MHz-QPSK-23165-1RB#0-PASS

Band12-3MHz-QPSK-23165-1RB#14-PASS

Band12-3MHz-QPSK-23165-15RB#0-PASS

Band12-5MHz-QPSK-23035-1RB#0-PASS

Band12-5MHz-QPSK-23035-1RB#24-PASS

Band12-5MHz-QPSK-23035-25RB#0-PASS

Band12-5MHz-QPSK-23155-1RB#0-PASS

Band12-5MHz-QPSK-23155-1RB#24-PASS

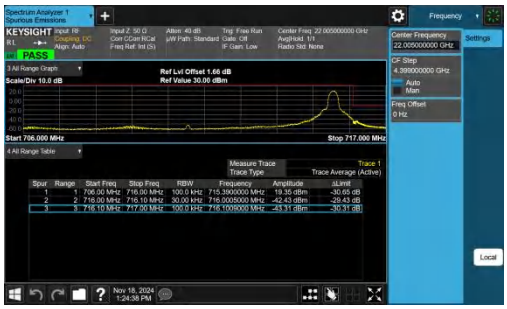
Band12-5MHz-QPSK-23155-25RB#0-PASS

Band12-10MHz-QPSK-23060-1RB#0-PASS

Band12-10MHz-QPSK-23060-1RB#49-PASS

Band12-10MHz-QPSK-23060-50RB#0-PASS

Band12-10MHz-QPSK-23130-1RB#0-PASS



Band12-10MHz-QPSK-23130-1RB#49-PASS

Band12-10MHz-QPSK-23130-50RB#0-PASS

Conducted Spurious Emission

Test Graphs

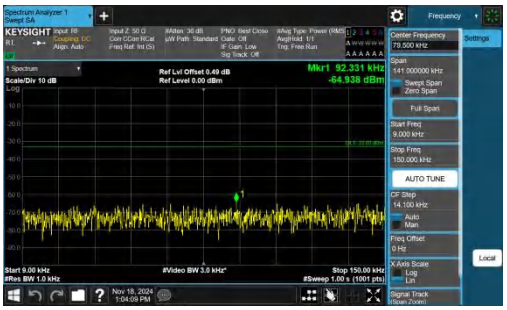
Band12-1.4MHz-QPSK-23017-1RB#0-0.009~0.15-PASS

Band12-1.4MHz-QPSK-23017-1RB#0-0.15~30-PASS

Band12-1.4MHz-QPSK-23017-1RB#0-30~1000-PASS

Band12-1.4MHz-QPSK-23017-1RB#0-1000~3000-PASS

Band12-1.4MHz-QPSK-23017-1RB#0-3000~10000-PASS



Band12-1.4MHz-QPSK-23017-1RB#5-0.009~0.15-PASS

Band12-1.4MHz-QPSK-23017-1RB#5-0.15~30-PASS

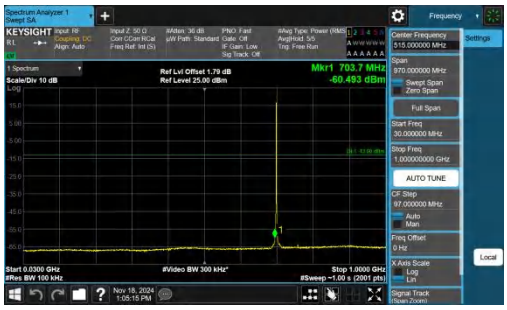
Band12-1.4MHz-QPSK-23017-1RB#5-30~1000-PASS

Band12-1.4MHz-QPSK-23017-1RB#5-1000~3000-PASS

Band12-1.4MHz-QPSK-23017-1RB#5-3000~10000-PASS

Band12-1.4MHz-QPSK-23095-1RB#0-0.009~0.15-PASS

Band12-1.4MHz-QPSK-23095-1RB#0-0.15~30-PASS



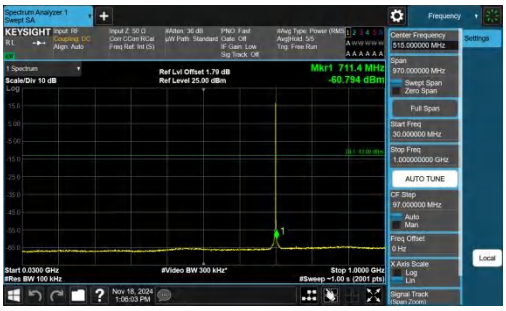
Band12-1.4MHz-QPSK-23095-1RB#0-30~1000-PASS

Band12-1.4MHz-QPSK-23095-1RB#0-1000~3000-PASS

Band12-1.4MHz-QPSK-23095-1RB#0-3000~10000-PASS

Band12-1.4MHz-QPSK-23095-1RB#5-0.009~0.15-PASS

Band12-1.4MHz-QPSK-23095-1RB#5-0.15~30-PASS



Band12-1.4MHz-QPSK-23095-1RB#5-30~1000-PASS

Band12-1.4MHz-QPSK-23095-1RB#5-1000~3000-PASS

Band12-1.4MHz-QPSK-23095-1RB#5-3000~10000-PASS

Band12-1.4MHz-QPSK-23173-1RB#0-0.009~0.15-PASS

Band12-1.4MHz-QPSK-23173-1RB#0-0.15~30-PASS

Band12-1.4MHz-QPSK-23173-1RB#0-30~1000-PASS

Band12-1.4MHz-QPSK-23173-1RB#0-1000~3000-PASS

Band12-1.4MHz-QPSK-23173-1RB#0-3000~10000-PASS

Band12-1.4MHz-QPSK-23173-1RB#5-0.009~0.15-PASS

Band12-1.4MHz-QPSK-23173-1RB#5-0.15~30-PASS

Band12-1.4MHz-QPSK-23173-1RB#5-30~1000-PASS

Band12-1.4MHz-QPSK-23173-1RB#5-1000~3000-PASS

Band12-1.4MHz-QPSK-23173-1RB#5-3000~10000-PASS

Band12-3MHz-QPSK-23025-1RB#0-0.009~0.15-PASS

Band12-3MHz-QPSK-23025-1RB#0-0.15~30-PASS

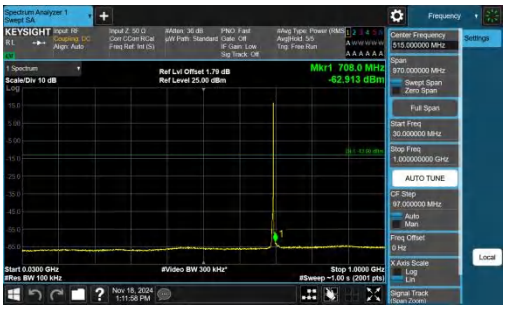
Band12-3MHz-QPSK-23025-1RB#0-30~1000-PASS

Band12-3MHz-QPSK-23025-1RB#0-1000~3000-PASS

Band12-3MHz-QPSK-23025-1RB#0-3000~10000-PASS

Band12-3MHz-QPSK-23025-1RB#14-0.009~0.15-PASS

Band12-3MHz-QPSK-23025-1RB#14-0.15~30-PASS



Band12-3MHz-QPSK-23025-1RB#14-30~1000-PASS

Band12-3MHz-QPSK-23025-1RB#14-1000~3000-PASS

Band12-3MHz-QPSK-23025-1RB#14-3000~10000-PASS

Band12-3MHz-QPSK-23095-1RB#0-0.009~0.15-PASS

Band12-3MHz-QPSK-23095-1RB#0-0.15~30-PASS

Band12-3MHz-QPSK-23095-1RB#0-30~1000-PASS

Band12-3MHz-QPSK-23095-1RB#0-1000~3000-PASS

Band12-3MHz-QPSK-23095-1RB#0-3000~10000-PASS

Band12-3MHz-QPSK-23095-1RB#14-0.009~0.15-PASS

Band12-3MHz-QPSK-23095-1RB#14-0.15~30-PASS

Band12-3MHz-QPSK-23095-1RB#14-30~1000-PASS

Band12-3MHz-QPSK-23095-1RB#14-1000~3000-PASS

Band12-3MHz-QPSK-23095-1RB#14-3000~10000-PASS

Band12-3MHz-QPSK-23165-1RB#0-0.009~0.15-PASS

Band12-3MHz-QPSK-23165-1RB#0-0.15~30-PASS

Band12-3MHz-QPSK-23165-1RB#0-30~1000-PASS

Band12-3MHz-QPSK-23165-1RB#0-1000~3000-PASS

Band12-3MHz-QPSK-23165-1RB#0-3000~10000-PASS

Band12-3MHz-QPSK-23165-1RB#14-0.009~0.15-PASS

Band12-3MHz-QPSK-23165-1RB#14-0.15~30-PASS

Band12-3MHz-QPSK-23165-1RB#14-30~1000-PASS

Band12-3MHz-QPSK-23165-1RB#14-1000~3000-PASS

Band12-3MHz-QPSK-23165-1RB#14-3000~10000-PASS

Band12-5MHz-QPSK-23035-1RB#0-0.009~0.15-PASS

Band12-5MHz-QPSK-23035-1RB#0-0.15~30-PASS

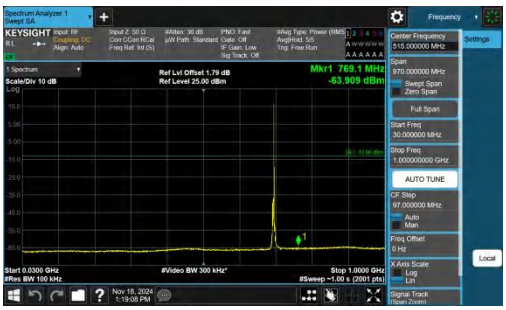
Band12-5MHz-QPSK-23035-1RB#0-30~1000-PASS

Band12-5MHz-QPSK-23035-1RB#0-1000~3000-PASS

Band12-5MHz-QPSK-23035-1RB#0-3000~10000-PASS

Band12-5MHz-QPSK-23035-1RB#24-0.009~0.15-PASS

Band12-5MHz-QPSK-23035-1RB#24-0.15~30-PASS



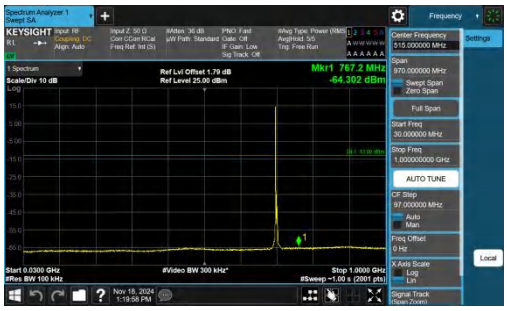
Band12-5MHz-QPSK-23035-1RB#24-30~1000-PASS

Band12-5MHz-QPSK-23035-1RB#24-1000~3000-PASS

Band12-5MHz-QPSK-23035-1RB#24-3000~10000-PASS

Band12-5MHz-QPSK-23095-1RB#0-0.009~0.15-PASS

Band12-5MHz-QPSK-23095-1RB#0-0.15~30-PASS



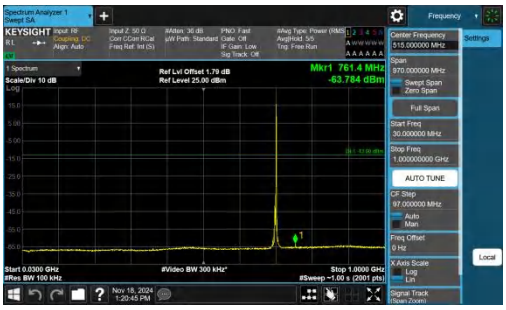
Band12-5MHz-QPSK-23095-1RB#0-30~1000-PASS

Band12-5MHz-QPSK-23095-1RB#0-1000~3000-PASS

Band12-5MHz-QPSK-23095-1RB#0-3000~10000-PASS

Band12-5MHz-QPSK-23095-1RB#24-0.009~0.15-PASS

Band12-5MHz-QPSK-23095-1RB#24-0.15~30-PASS



Band12-5MHz-QPSK-23095-1RB#24-30~1000-PASS

Band12-5MHz-QPSK-23095-1RB#24-1000~3000-PASS

Band12-5MHz-QPSK-23095-1RB#24-3000~10000-PASS

Band12-5MHz-QPSK-23155-1RB#0-0.009~0.15-PASS

Band12-5MHz-QPSK-23155-1RB#0-0.15~30-PASS

Band12-5MHz-QPSK-23155-1RB#0-30~1000-PASS

Band12-5MHz-QPSK-23155-1RB#0-1000~3000-PASS

Band12-5MHz-QPSK-23155-1RB#0-3000~10000-PASS

Band12-5MHz-QPSK-23155-1RB#24-0.009~0.15-PASS

Band12-5MHz-QPSK-23155-1RB#24-0.15~30-PASS

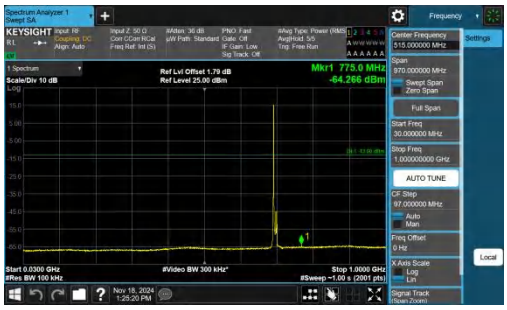
Band12-5MHz-QPSK-23155-1RB#24-30~1000-PASS

Band12-5MHz-QPSK-23155-1RB#24-1000~3000-PASS

Band12-5MHz-QPSK-23155-1RB#24-3000~10000-PASS

Band12-10MHz-QPSK-23060-1RB#0-0.009~0.15-PASS

Band12-10MHz-QPSK-23060-1RB#0-0.15~30-PASS



Band12-10MHz-QPSK-23060-1RB#0-30~1000-PASS

Band12-10MHz-QPSK-23060-1RB#0-1000~3000-PASS

Band12-10MHz-QPSK-23060-1RB#0-3000~10000-PASS

Band12-10MHz-QPSK-23060-1RB#49-0.009~0.15-PASS

Band12-10MHz-QPSK-23060-1RB#49-0.15~30-PASS

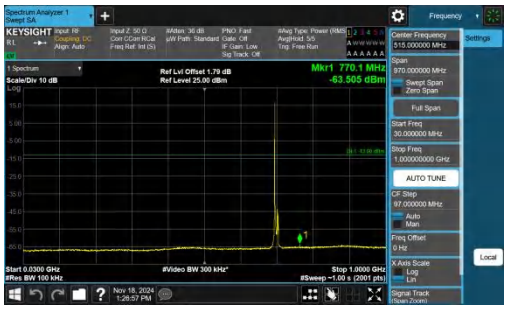
Band12-10MHz-QPSK-23060-1RB#49-30~1000-PASS

Band12-10MHz-QPSK-23060-1RB#49-1000~3000-PASS

Band12-10MHz-QPSK-23060-1RB#49-3000~10000-PASS

Band12-10MHz-QPSK-23095-1RB#0-0.009~0.15-PASS

Band12-10MHz-QPSK-23095-1RB#0-0.15~30-PASS



Band12-10MHz-QPSK-23095-1RB#0-30~1000-PASS

Band12-10MHz-QPSK-23095-1RB#0-1000~3000-PASS

Band12-10MHz-QPSK-23095-1RB#0-3000~10000-PASS

Band12-10MHz-QPSK-23095-1RB#49-0.009~0.15-PASS

Band12-10MHz-QPSK-23095-1RB#49-0.15~30-PASS

Band12-10MHz-QPSK-23095-1RB#49-30~1000-PASS

Band12-10MHz-QPSK-23095-1RB#49-1000~3000-PASS

Band12-10MHz-QPSK-23095-1RB#49-3000~10000-PASS

Band12-10MHz-QPSK-23130-1RB#0-0.009~0.15-PASS

Band12-10MHz-QPSK-23130-1RB#0-0.15~30-PASS

Band12-10MHz-QPSK-23130-1RB#0-30~1000-PASS

Band12-10MHz-QPSK-23130-1RB#0-1000~3000-PASS

Band12-10MHz-QPSK-23130-1RB#0-3000~10000-PASS

Band12-10MHz-QPSK-23130-1RB#49-0.009~0.15-PASS

Band12-10MHz-QPSK-23130-1RB#49-0.15~30-PASS

Band12-10MHz-QPSK-23130-1RB#49-30~1000-PASS

Band12-10MHz-QPSK-23130-1RB#49-1000~3000-PASS

Band12-10MHz-QPSK-23130-1RB#49-3000~10000-PASS

Frequency Stability

Test Result

Voltage													
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band 12	10MHz	QPSK	23095	50RB#0	VN	NT	2010.00	2.840989	±NA	703.03471	711.96931	699-716	PASS
Band 12	10MHz	QPSK	23095	50RB#0	VL	NT	-210.00	-0.296820	±NA	703.03299	711.96659	699-716	PASS
Band 12	10MHz	QPSK	23095	50RB#0	VH	NT	280.00	0.395760	±NA	703.03388	711.96668	699-716	PASS

Temperature													
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band12	10MHz	QPSK	23095	50RB#0	NV	-30	3880.00	5.484099	±NA	703.03463	711.97313	699-716	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-20	-820.00	-1.159011	±NA	703.03073	711.96763	699-716	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-10	2120.00	2.996466	±NA	703.03342	711.97082	699-716	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	0	1990.00	2.812721	±NA	703.03579	711.96819	699-716	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	10	1560.00	2.204947	±NA	703.03481	711.96831	699-716	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	20	660.00	0.932862	±NA	703.03241	711.96891	699-716	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	30	2430.00	3.434629	±NA	703.03803	711.96683	699-716	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	40	2700.00	3.816254	±NA	703.03445	711.97095	699-716	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	50	1940.00	2.742049	±NA	703.03499	711.96889	699-716	PASS

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