Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	Gain (dB)	ERP (dBm)	Limit (dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	22.98	0.1	20.93	34.8	PASS
Band17	5MHz	16QAM	23755	1RB#0	22.72	0.1	20.67	34.8	PASS
Band17	5MHz	64QAM	23755	1RB#0	21.55	0.1	19.5	34.8	PASS
Band17	5MHz	QPSK	23755	1RB#12	23.27	0.1	21.22	34.8	PASS
Band17	5MHz	16QAM	23755	1RB#12	23.19	0.1	21.14	34.8	PASS
Band17	5MHz	64QAM	23755	1RB#12	22.56	0.1	20.51	34.8	PASS
Band17	5MHz	QPSK	23755	1RB#24	23.02	0.1	20.97	34.8	PASS
Band17	5MHz	16QAM	23755	1RB#24	22.89	0.1	20.84	34.8	PASS
Band17	5MHz	64QAM	23755	1RB#24	22.25	0.1	20.2	34.8	PASS
Band17	5MHz	QPSK	23755	25RB#0	22.94	0.1	20.89	34.8	PASS
Band17	5MHz	16QAM	23755	25RB#0	21.98	0.1	19.93	34.8	PASS
Band17	5MHz	64QAM	23755	25RB#0	21.05	0.1	19	34.8	PASS
Band17	5MHz	QPSK	23790	1RB#0	23.02	0.1	20.97	34.8	PASS
Band17	5MHz	16QAM	23790	1RB#0	22.76	0.1	20.71	34.8	PASS
Band17	5MHz	64QAM	23790	1RB#0	21.58	0.1	19.53	34.8	PASS
Band17	5MHz	QPSK	23790	1RB#12	23.30	0.1	21.25	34.8	PASS
Band17	5MHz	16QAM	23790	1RB#12	23.02	0.1	20.97	34.8	PASS
Band17	5MHz	64QAM	23790	1RB#12	22.25	0.1	20.2	34.8	PASS
Band17	5MHz	QPSK	23790	1RB#24	22.98	0.1	20.93	34.8	PASS
Band17	5MHz	16QAM	23790	1RB#24	22.87	0.1	20.82	34.8	PASS
Band17	5MHz	64QAM	23790	1RB#24	22.22	0.1	20.17	34.8	PASS
Band17	5MHz	QPSK	23790	25RB#0	22.91	0.1	20.86	34.8	PASS
Band17	5MHz	16QAM	23790	25RB#0	21.93	0.1	19.88	34.8	PASS
Band17	5MHz	64QAM	23790	25RB#0	20.90	0.1	18.85	34.8	PASS
Band17	5MHz	QPSK	23825	1RB#0	23.02	0.1	20.97	34.8	PASS
Band17	5MHz	16QAM	23825	1RB#0	22.79	0.1	20.74	34.8	PASS
Band17	5MHz	64QAM	23825	1RB#0	21.59	0.1	19.54	34.8	PASS
Band17	5MHz	QPSK	23825	1RB#12	23.27	0.1	21.22	34.8	PASS
Band17	5MHz	16QAM	23825	1RB#12	23.15	0.1	21.1	34.8	PASS
Band17	5MHz	64QAM	23825	1RB#12	22.50	0.1	20.45	34.8	PASS
Band17	5MHz	QPSK	23825	1RB#24	22.94	0.1	20.89	34.8	PASS
Band17	5MHz	16QAM	23825	1RB#24	22.83	0.1	20.78	34.8	PASS
Band17	5MHz	64QAM	23825	1RB#24	22.19	0.1	20.14	34.8	PASS
Band17	5MHz	QPSK	23825	25RB#0	22.95	0.1	20.9	34.8	PASS
Band17	5MHz	16QAM	23825	25RB#0	21.94	0.1	19.89	34.8	PASS

Band17	5MHz	64QAM	23825	25RB#0	21.01	0.1	18.96	34.8	PASS
Band17	10MHz	QPSK	23780	1RB#0	23.09	0.1	21.04	34.8	PASS
Band17	10MHz	16QAM	23780	1RB#0	22.96	0.1	20.91	34.8	PASS
Band17	10MHz	64QAM	23780	1RB#0	21.78	0.1	19.73	34.8	PASS
Band17	10MHz	QPSK	23780	1RB#24	23.10	0.1	21.05	34.8	PASS
Band17	10MHz	16QAM	23780	1RB#24	22.70	0.1	20.65	34.8	PASS
Band17	10MHz	64QAM	23780	1RB#24	21.63	0.1	19.58	34.8	PASS
Band17	10MHz	QPSK	23780	1RB#49	23.06	0.1	21.01	34.8	PASS
Band17	10MHz	16QAM	23780	1RB#49	22.69	0.1	20.64	34.8	PASS
Band17	10MHz	64QAM	23780	1RB#49	21.67	0.1	19.62	34.8	PASS
Band17	10MHz	QPSK	23780	50RB#0	22.70	0.1	20.65	34.8	PASS
Band17	10MHz	16QAM	23780	50RB#0	21.79	0.1	19.74	34.8	PASS
Band17	10MHz	64QAM	23780	50RB#0	20.78	0.1	18.73	34.8	PASS
Band17	10MHz	QPSK	23790	1RB#0	23.03	0.1	20.98	34.8	PASS
Band17	10MHz	16QAM	23790	1RB#0	22.98	0.1	20.93	34.8	PASS
Band17	10MHz	64QAM	23790	1RB#0	21.73	0.1	19.68	34.8	PASS
Band17	10MHz	QPSK	23790	1RB#24	23.05	0.1	21	34.8	PASS
Band17	10MHz	16QAM	23790	1RB#24	22.78	0.1	20.73	34.8	PASS
Band17	10MHz	64QAM	23790	1RB#24	21.68	0.1	19.63	34.8	PASS
Band17	10MHz	QPSK	23790	1RB#49	23.03	0.1	20.98	34.8	PASS
Band17	10MHz	16QAM	23790	1RB#49	22.75	0.1	20.7	34.8	PASS
Band17	10MHz	64QAM	23790	1RB#49	21.68	0.1	19.63	34.8	PASS
Band17	10MHz	QPSK	23790	50RB#0	22.71	0.1	20.66	34.8	PASS
Band17	10MHz	16QAM	23790	50RB#0	21.74	0.1	19.69	34.8	PASS
Band17	10MHz	64QAM	23790	50RB#0	20.74	0.1	18.69	34.8	PASS
Band17	10MHz	QPSK	23800	1RB#0	23.17	0.1	21.12	34.8	PASS
Band17	10MHz	16QAM	23800	1RB#0	23.07	0.1	21.02	34.8	PASS
Band17	10MHz	64QAM	23800	1RB#0	21.79	0.1	19.74	34.8	PASS
Band17	10MHz	QPSK	23800	1RB#24	23.06	0.1	21.01	34.8	PASS
Band17	10MHz	16QAM	23800	1RB#24	22.74	0.1	20.69	34.8	PASS
Band17	10MHz	64QAM	23800	1RB#24	21.60	0.1	19.55	34.8	PASS
Band17	10MHz	QPSK	23800	1RB#49	23.09	0.1	21.04	34.8	PASS
Band17	10MHz	16QAM	23800	1RB#49	22.75	0.1	20.7	34.8	PASS
Band17	10MHz	64QAM	23800	1RB#49	21.61	0.1	19.56	34.8	PASS
Band17	10MHz	QPSK	23800	50RB#0	22.69	0.1	20.64	34.8	PASS
Band17	10MHz	16QAM	23800	50RB#0	21.76	0.1	19.71	34.8	PASS
Band17	10MHz	64QAM	23800	50RB#0	20.76	0.1	18.71	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
Band17	5MHz	QPSK	23790	25RB#0	5.33	13	PASS
Band17	5MHz	16QAM	23790	25RB#0	6.11	13	PASS
Band17	5MHz	64QAM	23790	25RB#0	8.98	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	5.31	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	6.11	13	PASS
Band17	10MHz	64QAM	23790	50RB#0	7.13	13	PASS

Test Graphs

Band17-5MHz-QPSK-23790-25RB#0-PASS

Band17-5MHz-16QAM-23790-25RB#0-PASS

Band17-5MHz-64QAM-23790-25RB#0-PASS

Band17-10MHz-QPSK-23790-50RB#0-PASS

Band17-10MHz-16QAM-23790-50RB#0-PASS

Band17-10MHz-64QAM-23790-50RB#0-PASS

26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band17	5MHz	QPSK	23790	25RB#0	4.4949	4.915	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.5024	4.947	PASS
Band17	5MHz	64QAM	23790	25RB#0	4.4935	4.919	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.9834	9.843	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.9814	9.765	PASS
Band17	10MHz	64QAM	23790	50RB#0	8.9654	9.743	PASS

Test Graphs

Band17-5MHz-QPSK-23790-25RB#0-PASS

Band17-5MHz-16QAM-23790-25RB#0-PASS

Band17-5MHz-64QAM-23790-25RB#0-PASS

Band17-10MHz-QPSK-23790-50RB#0-PASS

Band17-10MHz-16QAM-23790-50RB#0-PASS

Band17-10MHz-64QAM-23790-50RB#0-PASS

Band Edge

Test Graphs

Band17-5MHz-QPSK-23755-1RB#0-PASS

Band17-5MHz-QPSK-23755-1RB#24-PASS

Band17-5MHz-QPSK-23755-25RB#0-PASS

Band17-5MHz-QPSK-23825-1RB#0-PASS

Band17-5MHz-QPSK-23825-1RB#24-PASS

Band17-5MHz-QPSK-23825-25RB#0-PASS

Band17-10MHz-QPSK-23780-1RB#0-PASS

Band17-10MHz-QPSK-23780-1RB#49-PASS

Band17-10MHz-QPSK-23780-50RB#0-PASS	Band17-10MHz-QPSK-23800-1RB#0-PASS
Band17-10MHz-QPSK-23800-1RB#49-PASS	Band17-10MHz-QPSK-23800-50RB#0-PASS

Conducted Spurious Emission

Test Graphs

Band17-5MHz-QPSK-23755-1RB#0-0.009~0.15-PASS

Band17-5MHz-QPSK-23755-1RB#0-0.15~30-PASS

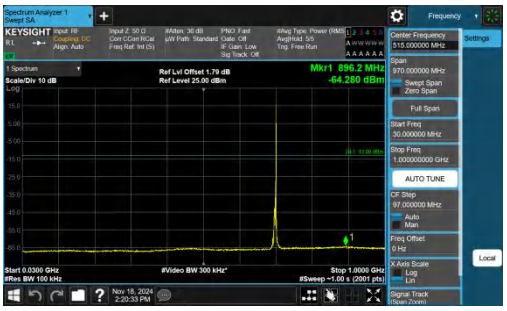
Band17-5MHz-QPSK-23755-1RB#0-30~1000-PASS

Band17-5MHz-QPSK-23755-1RB#0-1000~3000-PASS

Band17-5MHz-QPSK-23755-1RB#0-3000~10000-PASS

Band17-5MHz-QPSK-23755-1RB#24-0.009~0.15-PASS

Band17-5MHz-QPSK-23755-1RB#24-0.15~30-PASS



Band17-5MHz-QPSK-23755-1RB#24-30~1000-PASS

Band17-5MHz-QPSK-23755-1RB#24-1000~3000-PASS

Band17-5MHz-QPSK-23755-1RB#24-3000~10000-PASS

Band17-5MHz-QPSK-23790-1RB#0-0.009~0.15-PASS

Band17-5MHz-QPSK-23790-1RB#0-0.15~30-PASS

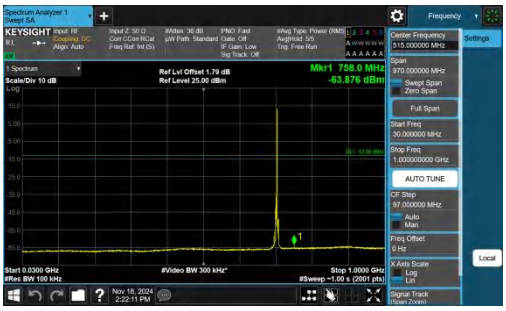
Band17-5MHz-QPSK-23790-1RB#0-30~1000-PASS

Band17-5MHz-QPSK-23790-1RB#0-1000~3000-PASS

Band17-5MHz-QPSK-23790-1RB#0-3000~10000-PASS

Band17-5MHz-QPSK-23790-1RB#24-0.009~0.15-PASS

Band17-5MHz-QPSK-23790-1RB#24-0.15~30-PASS



Band17-5MHz-QPSK-23790-1RB#24-30~1000-PASS

Band17-5MHz-QPSK-23790-1RB#24-1000~3000-PASS

Band17-5MHz-QPSK-23790-1RB#24-3000~10000-PASS

Band17-5MHz-QPSK-23825-1RB#0-0.009~0.15-PASS

Band17-5MHz-QPSK-23825-1RB#0-0.15~30-PASS

Band17-5MHz-QPSK-23825-1RB#0-30~1000-PASS

Band17-5MHz-QPSK-23825-1RB#0-1000~3000-PASS

Band17-5MHz-QPSK-23825-1RB#0-3000~10000-PASS

Band17-5MHz-QPSK-23825-1RB#24-0.009~0.15-PASS

Band17-5MHz-QPSK-23825-1RB#24-0.15~30-PASS

Band17-5MHz-QPSK-23825-1RB#24-30~1000-PASS

Band17-5MHz-QPSK-23825-1RB#24-1000~3000-PASS

Band17-5MHz-QPSK-23825-1RB#24-3000~10000-PASS

Band17-10MHz-QPSK-23780-1RB#0-0.009~0.15-PASS

Band17-10MHz-QPSK-23780-1RB#0-0.15~30-PASS

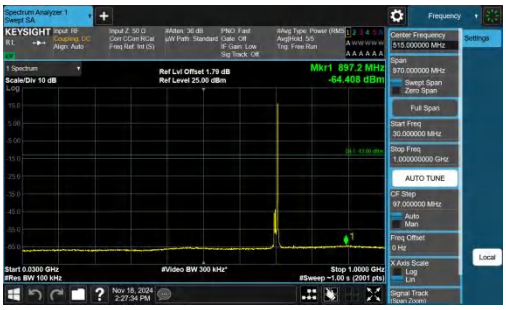
Band17-10MHz-QPSK-23780-1RB#0-30~1000-PASS

Band17-10MHz-QPSK-23780-1RB#0-1000~3000-PASS

Band17-10MHz-QPSK-23780-1RB#0-3000~10000-PASS

Band17-10MHz-QPSK-23780-1RB#49-0.009~0.15-PASS

Band17-10MHz-QPSK-23780-1RB#49-0.15~30-PASS



Band17-10MHz-QPSK-23780-1RB#49-30~1000-PASS

Band17-10MHz-QPSK-23780-1RB#49-1000~3000-PASS

Band17-10MHz-QPSK-23780-1RB#49-3000~10000-PASS

Band17-10MHz-QPSK-23790-1RB#0-0.009~0.15-PASS

Band17-10MHz-QPSK-23790-1RB#0-0.15~30-PASS

Band17-10MHz-QPSK-23790-1RB#0-30~1000-PASS

Band17-10MHz-QPSK-23790-1RB#0-1000~3000-PASS

Band17-10MHz-QPSK-23790-1RB#0-3000~10000-PASS

Band17-10MHz-QPSK-23790-1RB#49-0.009~0.15-PASS

Band17-10MHz-QPSK-23790-1RB#49-0.15~30-PASS

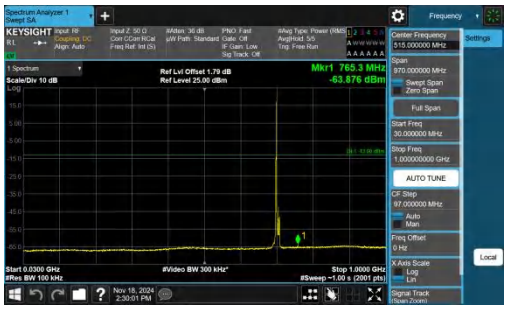
Band17-10MHz-QPSK-23790-1RB#49-30~1000-PASS

Band17-10MHz-QPSK-23790-1RB#49-1000~3000-PASS

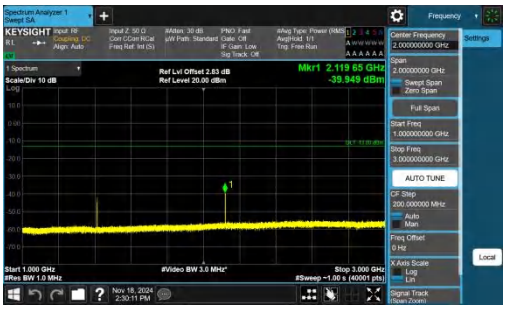
Band17-10MHz-QPSK-23790-1RB#49-3000~10000-PASS

Band17-10MHz-QPSK-23800-1RB#0-0.009~0.15-PASS

Band17-10MHz-QPSK-23800-1RB#0-0.15~30-PASS



Band17-10MHz-QPSK-23800-1RB#0-30~1000-PASS



Band17-10MHz-QPSK-23800-1RB#0-1000~3000-PASS

Band17-10MHz-QPSK-23800-1RB#0-3000~10000-PASS

Band17-10MHz-QPSK-23800-1RB#49-0.009~0.15-PASS

Band17-10MHz-QPSK-23800-1RB#49-0.15~30-PASS	Band17-10MHz-QPSK-23800-1RB#49-30~1000-PASS
Band17-10MHz-QPSK-23800-1RB#49-1000~3000-PASS	Band17-10MHz-QPSK-23800-1RB#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 17	10MHz	QPSK	23790	50RB#0	VN	NT	-3400.00	-4.788732	±NA	705.52875	714.46445	704-716	PASS
Band 17	10MHz	QPSK	23790	50RB#0	VL	NT	-5780.00	-8.140845	±NA	705.52452	714.46392	704-716	PASS
Band 17	10MHz	QPSK	23790	50RB#0	VH	NT	-4060.00	-5.718310	±NA	705.52859	714.46329	704-716	PASS

Temperature													
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band17	10MHz	QPSK	23790	50RB#0	NV	-30	-2750.00	-3.873239	±NA	705.527	714.4675	704-716	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-20	-2530.00	-3.563380	±NA	705.52657	714.46837	704-716	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-10	-2620.00	-3.690141	±NA	705.53208	714.46268	704-716	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	0	-3640.00	-5.126761	±NA	705.53031	714.46241	704-716	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	10	-2340.00	-3.295775	±NA	705.53201	714.46331	704-716	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	20	-1000.00	-1.408451	±NA	705.53085	714.46715	704-716	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	30	-1650.00	-2.323944	±NA	705.53145	714.46525	704-716	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	40	-4170.00	-5.873239	±NA	705.52688	714.46478	704-716	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	50	-6000.00	-8.450704	±NA	705.5232	714.4648	704-716	PASS

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