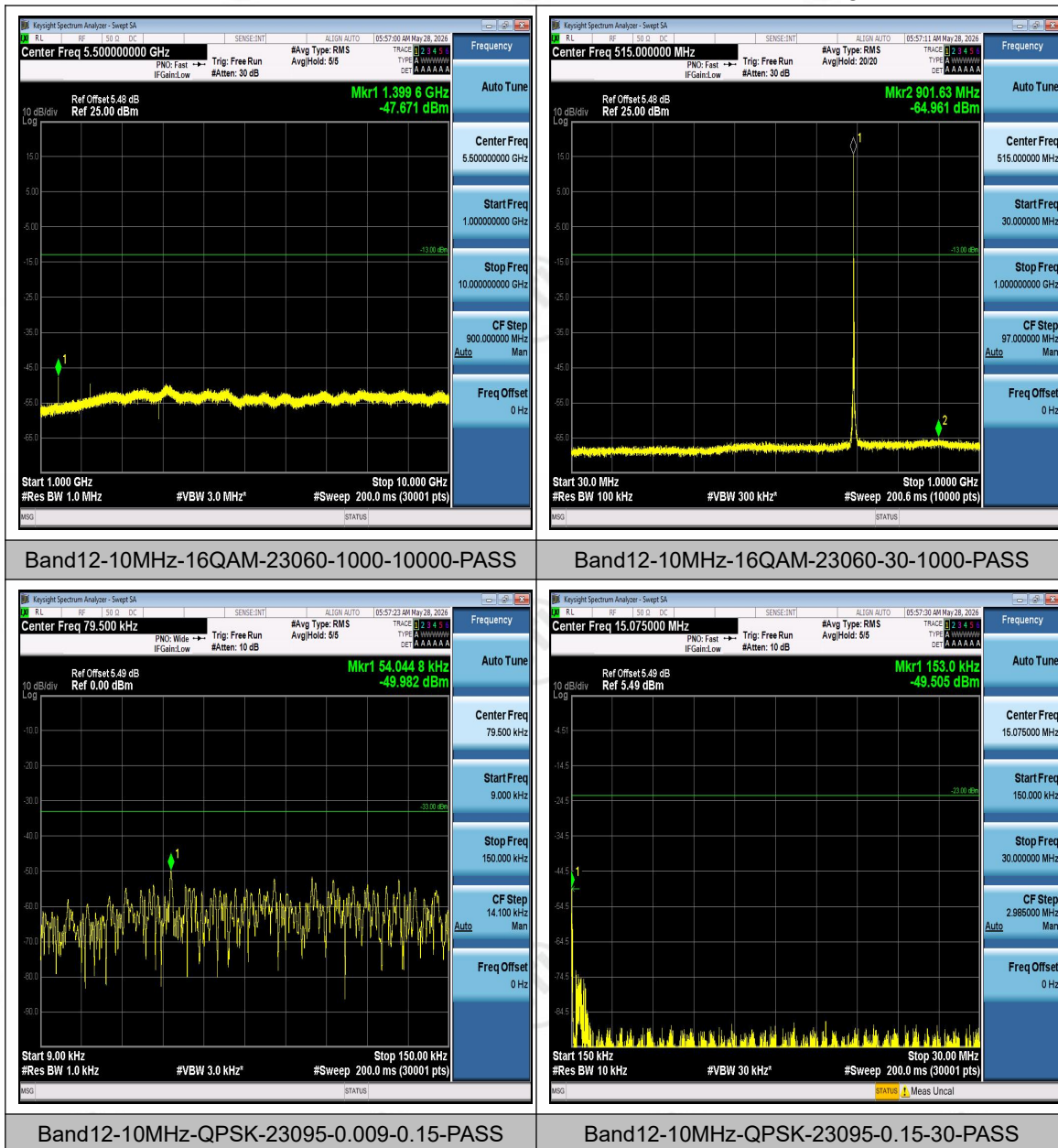
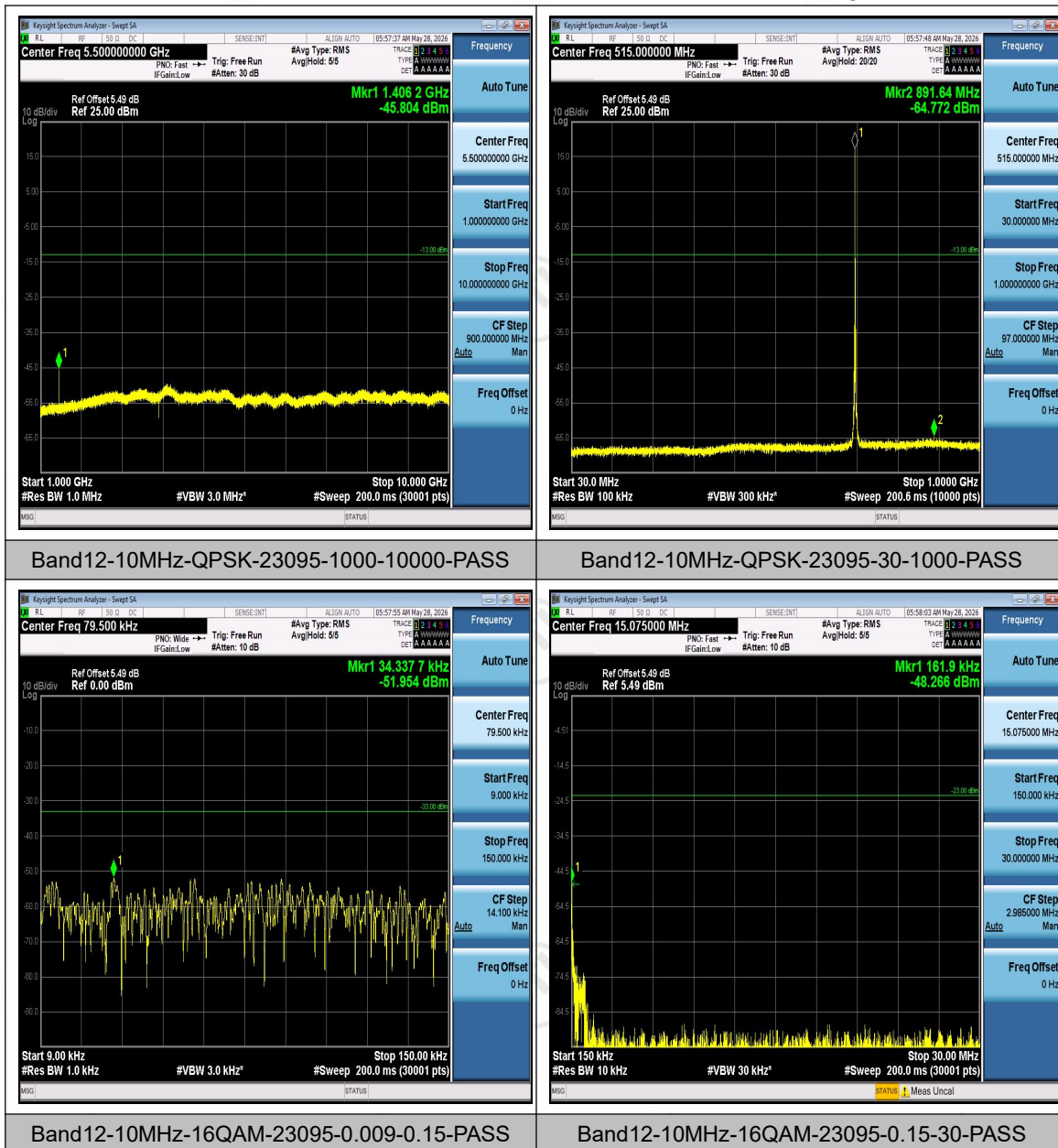
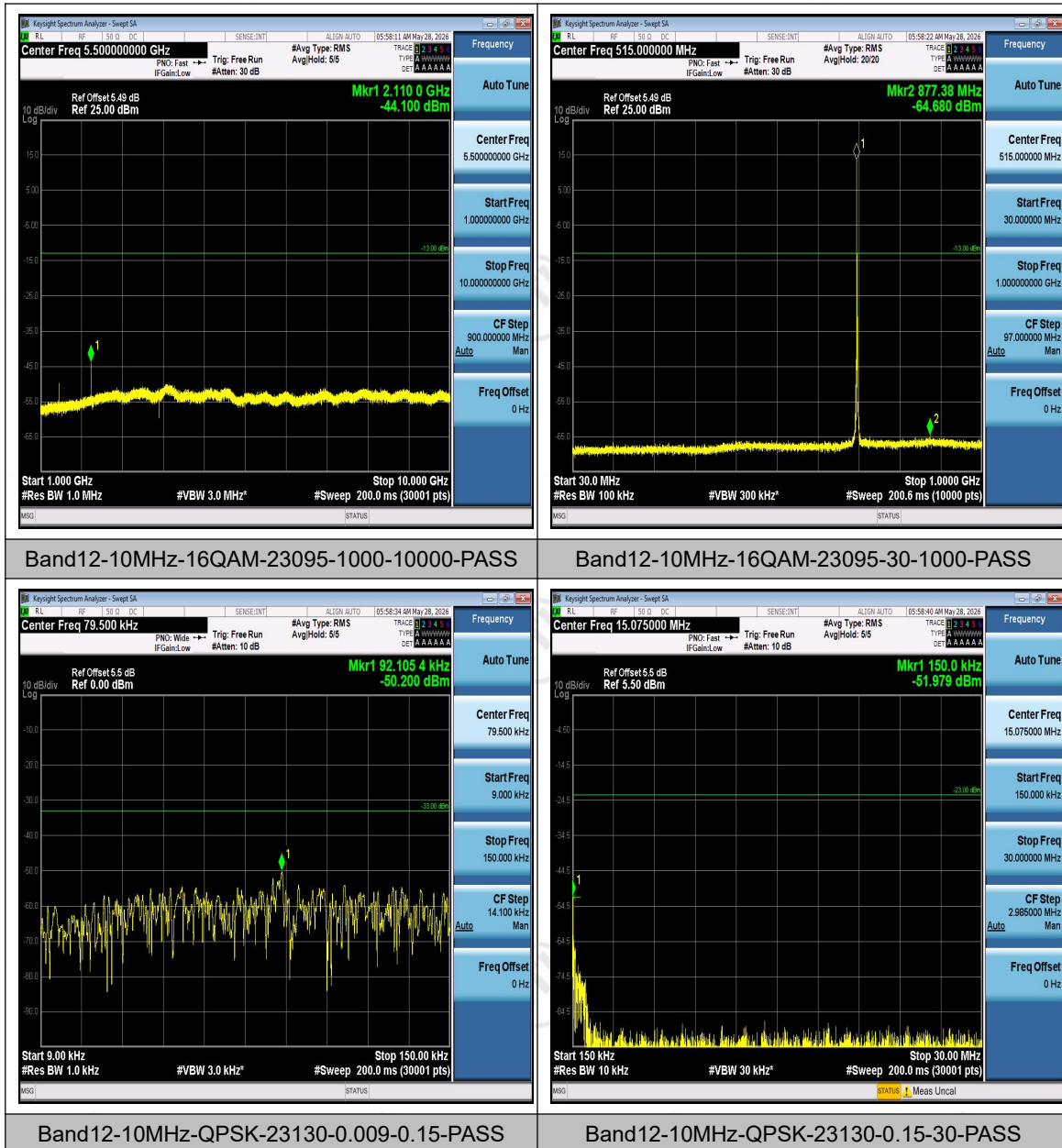
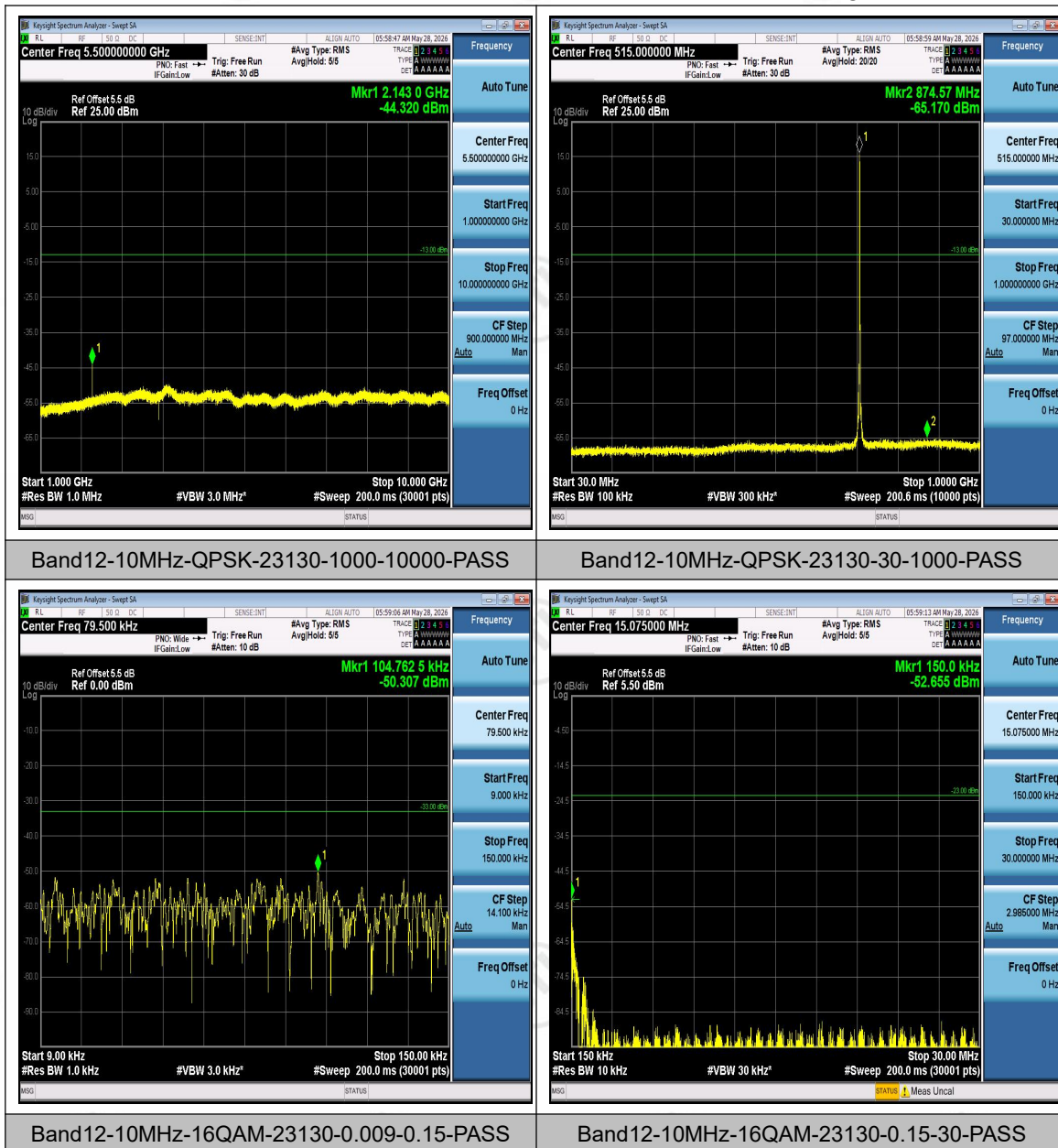
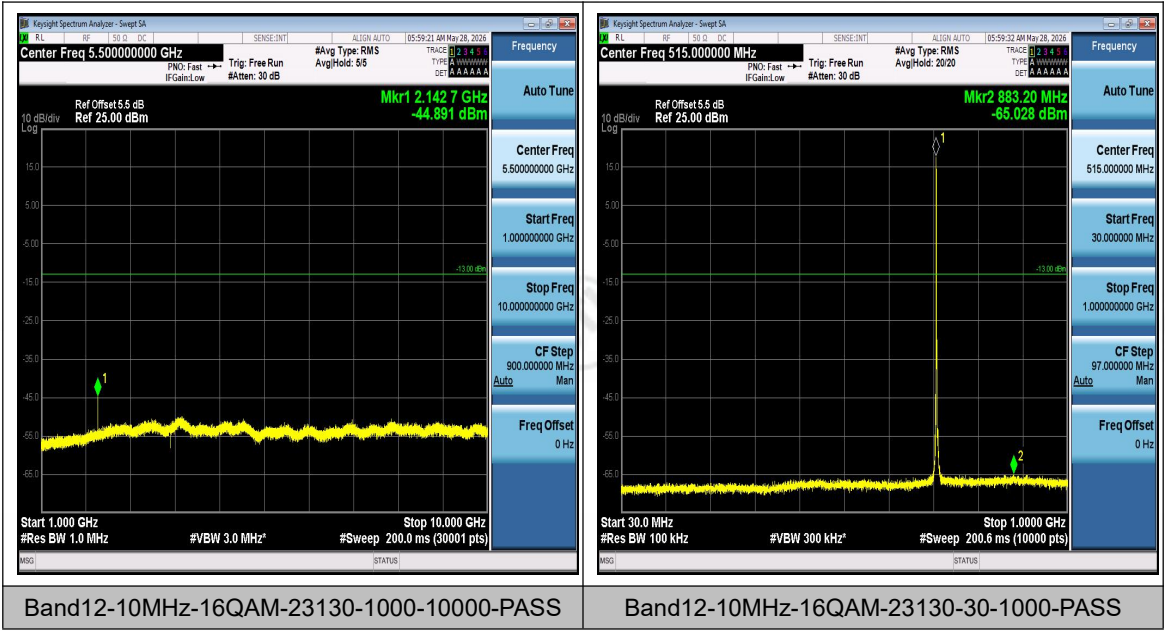












Appendix F: Frequency Stability for M1

Test Result

Voltage												
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band12	1.4MHz	23017	QPSK	6	0	Low	VN	NT	12.07	0.017250	±2.5	PASS
Band12	1.4MHz	23017	QPSK	6	0	Low	VL	NT	-7.81	-0.011162	±2.5	PASS
Band12	1.4MHz	23017	QPSK	6	0	Low	VH	NT	-7.42	-0.010605	±2.5	PASS
Band12	1.4MHz	23017	16QAM	6	0	Low	VN	NT	-7.15	-0.010219	±2.5	PASS
Band12	1.4MHz	23017	16QAM	6	0	Low	VL	NT	-6.90	-0.009861	±2.5	PASS
Band12	1.4MHz	23017	16QAM	6	0	Low	VH	NT	-7.18	-0.010262	±2.5	PASS
Band12	1.4MHz	23095	QPSK	6	0	Low	VN	NT	-9.17	-0.012961	±2.5	PASS
Band12	1.4MHz	23095	QPSK	6	0	Low	VL	NT	-3.63	-0.005131	±2.5	PASS
Band12	1.4MHz	23095	QPSK	6	0	Low	VH	NT	-2.95	-0.004170	±2.5	PASS
Band12	1.4MHz	23095	16QAM	6	0	Low	VN	NT	2.63	0.003717	±2.5	PASS
Band12	1.4MHz	23095	16QAM	6	0	Low	VL	NT	-2.00	-0.002827	±2.5	PASS
Band12	1.4MHz	23095	16QAM	6	0	Low	VH	NT	2.75	0.003887	±2.5	PASS
Band12	1.4MHz	23173	QPSK	6	0	High	VN	NT	-9.13	-0.012764	±2.5	PASS
Band12	1.4MHz	23173	QPSK	6	0	High	VL	NT	-4.52	-0.006319	±2.5	PASS
Band12	1.4MHz	23173	QPSK	6	0	High	VH	NT	-3.86	-0.005396	±2.5	PASS
Band12	1.4MHz	23173	16QAM	6	0	High	VN	NT	-2.75	-0.003845	±2.5	PASS
Band12	1.4MHz	23173	16QAM	6	0	High	VL	NT	-2.49	-0.003481	±2.5	PASS

Band12	1.4MHz	23173	16QAM	6	0	High	VH	NT	-2.93	-0.004 096	±2.5	PASS
Band12	3MHz	23025	QPSK	6	0	Low	VN	NT	-10.24	-0.014 618	±2.5	PASS
Band12	3MHz	23025	QPSK	6	0	Low	VL	NT	-8.90	-0.012 705	±2.5	PASS
Band12	3MHz	23025	QPSK	6	0	Low	VH	NT	-8.70	-0.012 420	±2.5	PASS
Band12	3MHz	23025	16QAM	6	0	Low	VN	NT	-8.87	-0.012 662	±2.5	PASS
Band12	3MHz	23025	16QAM	6	0	Low	VL	NT	-9.40	-0.013 419	±2.5	PASS
Band12	3MHz	23025	16QAM	6	0	Low	VH	NT	-9.47	-0.013 519	±2.5	PASS
Band12	3MHz	23095	QPSK	6	0	Low	VN	NT	-11.10	-0.015 689	±2.5	PASS
Band12	3MHz	23095	QPSK	6	0	Low	VL	NT	-8.67	-0.012 254	±2.5	PASS
Band12	3MHz	23095	QPSK	6	0	Low	VH	NT	-8.21	-0.011 604	±2.5	PASS
Band12	3MHz	23095	16QAM	6	0	Low	VN	NT	-7.55	-0.010 671	±2.5	PASS
Band12	3MHz	23095	16QAM	6	0	Low	VL	NT	-8.13	-0.011 491	±2.5	PASS
Band12	3MHz	23095	16QAM	6	0	Low	VH	NT	-8.11	-0.011 463	±2.5	PASS
Band12	3MHz	23165	QPSK	6	0	High	VN	NT	-10.39	-0.014 542	±2.5	PASS
Band12	3MHz	23165	QPSK	6	0	High	VL	NT	-7.81	-0.010 931	±2.5	PASS
Band12	3MHz	23165	QPSK	6	0	High	VH	NT	-7.20	-0.010 077	±2.5	PASS
Band12	3MHz	23165	16QAM	6	0	High	VN	NT	-6.55	-0.009 167	±2.5	PASS
Band12	3MHz	23165	16QAM	6	0	High	VL	NT	-6.19	-0.008 663	±2.5	PASS
Band12	3MHz	23165	16QAM	6	0	High	VH	NT	-7.04	-0.009 853	±2.5	PASS
Band12	5MHz	23035	QPSK	6	0	Low	VN	NT	11.03	0.0157 23	±2.5	PASS
Band12	5MHz	23035	QPSK	6	0	Low	VL	NT	-12.75	-0.018 175	±2.5	PASS

Band12	5MHz	23035	QPSK	6	0	Low	VH	NT	-13.06	-0.018 617	±2.5	PASS
Band12	5MHz	23035	16QAM	6	0	Low	VN	NT	10.86	0.0154 81	±2.5	PASS
Band12	5MHz	23035	16QAM	6	0	Low	VL	NT	12.15	0.0173 20	±2.5	PASS
Band12	5MHz	23035	16QAM	6	0	Low	VH	NT	10.61	0.0151 25	±2.5	PASS
Band12	5MHz	23095	QPSK	6	0	Low	VN	NT	-12.35	-0.017 456	±2.5	PASS
Band12	5MHz	23095	QPSK	6	0	Low	VL	NT	-10.29	-0.014 544	±2.5	PASS
Band12	5MHz	23095	QPSK	6	0	Low	VH	NT	-10.90	-0.015 406	±2.5	PASS
Band12	5MHz	23095	16QAM	6	0	Low	VN	NT	-9.90	-0.013 993	±2.5	PASS
Band12	5MHz	23095	16QAM	6	0	Low	VL	NT	-9.56	-0.013 512	±2.5	PASS
Band12	5MHz	23095	16QAM	6	0	Low	VH	NT	-9.66	-0.013 654	±2.5	PASS
Band12	5MHz	23155	QPSK	6	0	High	VN	NT	-7.45	-0.010 441	±2.5	PASS
Band12	5MHz	23155	QPSK	6	0	High	VL	NT	-5.91	-0.008 283	±2.5	PASS
Band12	5MHz	23155	QPSK	6	0	High	VH	NT	-5.41	-0.007 582	±2.5	PASS
Band12	5MHz	23155	16QAM	6	0	High	VN	NT	-4.92	-0.006 896	±2.5	PASS
Band12	5MHz	23155	16QAM	6	0	High	VL	NT	-3.85	-0.005 396	±2.5	PASS
Band12	5MHz	23155	16QAM	6	0	High	VH	NT	-4.16	-0.005 830	±2.5	PASS
Band12	10MHz	23060	QPSK	6	0	Low	VN	NT	-4.21	-0.005 980	±2.5	PASS
Band12	10MHz	23060	QPSK	6	0	Low	VL	NT	-4.45	-0.006 321	±2.5	PASS
Band12	10MHz	23060	QPSK	6	0	Low	VH	NT	-4.95	-0.007 031	±2.5	PASS
Band12	10MHz	23060	16QAM	6	0	Low	VN	NT	-6.05	-0.008 594	±2.5	PASS
Band12	10MHz	23060	16QAM	6	0	Low	VL	NT	-6.59	-0.009 361	±2.5	PASS

Band12	10MHz	23060	16QAM	6	0	Low	VH	NT	-6.92	-0.009 830	±2.5	PASS
Band12	10MHz	23095	QPSK	6	0	Low	VN	NT	-5.98	-0.008 452	±2.5	PASS
Band12	10MHz	23095	QPSK	6	0	Low	VL	NT	-3.59	-0.005 074	±2.5	PASS
Band12	10MHz	23095	QPSK	6	0	Low	VH	NT	-3.55	-0.005 018	±2.5	PASS
Band12	10MHz	23095	16QAM	6	0	Low	VN	NT	-2.96	-0.004 184	±2.5	PASS
Band12	10MHz	23095	16QAM	6	0	Low	VL	NT	-3.20	-0.004 523	±2.5	PASS
Band12	10MHz	23095	16QAM	6	0	Low	VH	NT	-3.20	-0.004 523	±2.5	PASS
Band12	10MHz	23130	QPSK	6	0	High	VN	NT	-4.76	-0.006 695	±2.5	PASS
Band12	10MHz	23130	QPSK	6	0	High	VL	NT	-2.46	-0.003 460	±2.5	PASS
Band12	10MHz	23130	QPSK	6	0	High	VH	NT	-2.85	-0.004 008	±2.5	PASS
Band12	10MHz	23130	16QAM	6	0	High	VN	NT	2.40	0.0033 76	±2.5	PASS
Band12	10MHz	23130	16QAM	6	0	High	VL	NT	2.98	0.0041 91	±2.5	PASS
Band12	10MHz	23130	16QAM	6	0	High	VH	NT	3.63	0.0051 05	±2.5	PASS

Temperature												
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band12	1.4MHz	23017	QPSK	6	0	Low	NV	-30	-7.52	-0.010 747	±2.5	PASS
Band12	1.4MHz	23017	QPSK	6	0	Low	NV	-20	-6.81	-0.009 733	±2.5	PASS
Band12	1.4MHz	23017	QPSK	6	0	Low	NV	-10	-7.15	-0.010 219	±2.5	PASS
Band12	1.4MHz	23017	QPSK	6	0	Low	NV	0	-6.65	-0.009 504	±2.5	PASS
Band12	1.4MHz	23017	QPSK	6	0	Low	NV	10	-6.51	-0.009 304	±2.5	PASS
Band12	1.4MHz	23017	QPSK	6	0	Low	NV	20	-7.11	-0.010 161	±2.5	PASS

Band12	1.4MHz	23017	QPSK	6	0	Low	NV	30	-6.57	-0.009 390	±2.5	PASS
Band12	1.4MHz	23017	QPSK	6	0	Low	NV	40	-6.78	-0.009 690	±2.5	PASS
Band12	1.4MHz	23017	QPSK	6	0	Low	NV	50	-6.90	-0.009 861	±2.5	PASS
Band12	1.4MHz	23017	16QAM	6	0	Low	NV	-30	-7.85	-0.011 219	±2.5	PASS
Band12	1.4MHz	23017	16QAM	6	0	Low	NV	-20	-6.54	-0.009 347	±2.5	PASS
Band12	1.4MHz	23017	16QAM	6	0	Low	NV	-10	-7.60	-0.010 862	±2.5	PASS
Band12	1.4MHz	23017	16QAM	6	0	Low	NV	0	-7.47	-0.010 676	±2.5	PASS
Band12	1.4MHz	23017	16QAM	6	0	Low	NV	10	-6.67	-0.009 533	±2.5	PASS
Band12	1.4MHz	23017	16QAM	6	0	Low	NV	20	-7.02	-0.010 033	±2.5	PASS
Band12	1.4MHz	23017	16QAM	6	0	Low	NV	30	-7.47	-0.010 676	±2.5	PASS
Band12	1.4MHz	23017	16QAM	6	0	Low	NV	40	-6.71	-0.009 590	±2.5	PASS
Band12	1.4MHz	23017	16QAM	6	0	Low	NV	50	-6.98	-0.009 976	±2.5	PASS
Band12	1.4MHz	23095	QPSK	6	0	Low	NV	-30	-2.96	-0.004 184	±2.5	PASS
Band12	1.4MHz	23095	QPSK	6	0	Low	NV	-20	-2.59	-0.003 661	±2.5	PASS
Band12	1.4MHz	23095	QPSK	6	0	Low	NV	-10	2.37	0.0033 50	±2.5	PASS
Band12	1.4MHz	23095	QPSK	6	0	Low	NV	0	2.40	0.0033 92	±2.5	PASS
Band12	1.4MHz	23095	QPSK	6	0	Low	NV	10	-2.47	-0.003 491	±2.5	PASS
Band12	1.4MHz	23095	QPSK	6	0	Low	NV	20	2.59	0.0036 61	±2.5	PASS
Band12	1.4MHz	23095	QPSK	6	0	Low	NV	30	3.45	0.0048 76	±2.5	PASS
Band12	1.4MHz	23095	QPSK	6	0	Low	NV	40	2.72	0.0038 45	±2.5	PASS
Band12	1.4MHz	23095	QPSK	6	0	Low	NV	50	2.57	0.0036 33	±2.5	PASS

Band12	1.4MHz	23095	16QAM	6	0	Low	NV	-30	2.96	0.0041 84	±2.5	PASS
Band12	1.4MHz	23095	16QAM	6	0	Low	NV	-20	-2.65	-0.003 746	±2.5	PASS
Band12	1.4MHz	23095	16QAM	6	0	Low	NV	-10	3.49	0.0049 33	±2.5	PASS
Band12	1.4MHz	23095	16QAM	6	0	Low	NV	0	2.98	0.0042 12	±2.5	PASS
Band12	1.4MHz	23095	16QAM	6	0	Low	NV	10	2.57	0.0036 33	±2.5	PASS
Band12	1.4MHz	23095	16QAM	6	0	Low	NV	20	3.71	0.0052 44	±2.5	PASS
Band12	1.4MHz	23095	16QAM	6	0	Low	NV	30	2.47	0.0034 91	±2.5	PASS
Band12	1.4MHz	23095	16QAM	6	0	Low	NV	40	3.33	0.0047 07	±2.5	PASS
Band12	1.4MHz	23095	16QAM	6	0	Low	NV	50	2.72	0.0038 45	±2.5	PASS
Band12	1.4MHz	23173	QPSK	6	0	High	NV	-30	-4.49	-0.006 277	±2.5	PASS
Band12	1.4MHz	23173	QPSK	6	0	High	NV	-20	-3.23	-0.004 516	±2.5	PASS
Band12	1.4MHz	23173	QPSK	6	0	High	NV	-10	-3.82	-0.005 340	±2.5	PASS
Band12	1.4MHz	23173	QPSK	6	0	High	NV	0	-3.62	-0.005 061	±2.5	PASS
Band12	1.4MHz	23173	QPSK	6	0	High	NV	10	-3.46	-0.004 837	±2.5	PASS
Band12	1.4MHz	23173	QPSK	6	0	High	NV	20	-3.43	-0.004 795	±2.5	PASS
Band12	1.4MHz	23173	QPSK	6	0	High	NV	30	-3.60	-0.005 033	±2.5	PASS
Band12	1.4MHz	23173	QPSK	6	0	High	NV	40	-3.38	-0.004 725	±2.5	PASS
Band12	1.4MHz	23173	QPSK	6	0	High	NV	50	-3.60	-0.005 033	±2.5	PASS
Band12	1.4MHz	23173	16QAM	6	0	High	NV	-30	2.10	0.0029 36	±2.5	PASS
Band12	1.4MHz	23173	16QAM	6	0	High	NV	-20	-1.87	-0.002 614	±2.5	PASS
Band12	1.4MHz	23173	16QAM	6	0	High	NV	-10	3.18	0.0044 46	±2.5	PASS

Band12	1.4MHz	23173	16QAM	6	0	High	NV	0	-2.68	-0.003 747	±2.5	PASS
Band12	1.4MHz	23173	16QAM	6	0	High	NV	10	-3.71	-0.005 187	±2.5	PASS
Band12	1.4MHz	23173	16QAM	6	0	High	NV	20	2.50	0.0034 95	±2.5	PASS
Band12	1.4MHz	23173	16QAM	6	0	High	NV	30	2.32	0.0032 43	±2.5	PASS
Band12	1.4MHz	23173	16QAM	6	0	High	NV	40	2.37	0.0033 13	±2.5	PASS
Band12	1.4MHz	23173	16QAM	6	0	High	NV	50	2.62	0.0036 63	±2.5	PASS
Band12	3MHz	23025	QPSK	6	0	Low	NV	-30	-8.57	-0.012 234	±2.5	PASS
Band12	3MHz	23025	QPSK	6	0	Low	NV	-20	-8.43	-0.012 034	±2.5	PASS
Band12	3MHz	23025	QPSK	6	0	Low	NV	-10	-8.87	-0.012 662	±2.5	PASS
Band12	3MHz	23025	QPSK	6	0	Low	NV	0	-8.65	-0.012 348	±2.5	PASS
Band12	3MHz	23025	QPSK	6	0	Low	NV	10	-8.91	-0.012 719	±2.5	PASS
Band12	3MHz	23025	QPSK	6	0	Low	NV	20	-9.46	-0.013 505	±2.5	PASS
Band12	3MHz	23025	QPSK	6	0	Low	NV	30	-9.20	-0.013 133	±2.5	PASS
Band12	3MHz	23025	QPSK	6	0	Low	NV	40	-8.61	-0.012 291	±2.5	PASS
Band12	3MHz	23025	QPSK	6	0	Low	NV	50	-9.10	-0.012 991	±2.5	PASS
Band12	3MHz	23025	16QAM	6	0	Low	NV	-30	-9.40	-0.013 419	±2.5	PASS
Band12	3MHz	23025	16QAM	6	0	Low	NV	-20	-9.63	-0.013 747	±2.5	PASS
Band12	3MHz	23025	16QAM	6	0	Low	NV	-10	-10.84	-0.015 475	±2.5	PASS
Band12	3MHz	23025	16QAM	6	0	Low	NV	0	-10.49	-0.014 975	±2.5	PASS
Band12	3MHz	23025	16QAM	6	0	Low	NV	10	-9.06	-0.012 934	±2.5	PASS
Band12	3MHz	23025	16QAM	6	0	Low	NV	20	-9.88	-0.014 104	±2.5	PASS

Band12	3MHz	23025	16QAM	6	0	Low	NV	30	-9.34	-0.013 333	±2.5	PASS
Band12	3MHz	23025	16QAM	6	0	Low	NV	40	-9.53	-0.013 605	±2.5	PASS
Band12	3MHz	23025	16QAM	6	0	Low	NV	50	-9.34	-0.013 333	±2.5	PASS
Band12	3MHz	23095	QPSK	6	0	Low	NV	-30	-7.45	-0.010 530	±2.5	PASS
Band12	3MHz	23095	QPSK	6	0	Low	NV	-20	-7.80	-0.011 025	±2.5	PASS
Band12	3MHz	23095	QPSK	6	0	Low	NV	-10	-7.34	-0.010 375	±2.5	PASS
Band12	3MHz	23095	QPSK	6	0	Low	NV	0	-8.65	-0.012 226	±2.5	PASS
Band12	3MHz	23095	QPSK	6	0	Low	NV	10	-7.75	-0.010 954	±2.5	PASS
Band12	3MHz	23095	QPSK	6	0	Low	NV	20	-7.84	-0.011 081	±2.5	PASS
Band12	3MHz	23095	QPSK	6	0	Low	NV	30	-7.07	-0.009 993	±2.5	PASS
Band12	3MHz	23095	QPSK	6	0	Low	NV	40	-7.55	-0.010 671	±2.5	PASS
Band12	3MHz	23095	QPSK	6	0	Low	NV	50	-7.61	-0.010 756	±2.5	PASS
Band12	3MHz	23095	16QAM	6	0	Low	NV	-30	-7.80	-0.011 025	±2.5	PASS
Band12	3MHz	23095	16QAM	6	0	Low	NV	-20	-9.23	-0.013 046	±2.5	PASS
Band12	3MHz	23095	16QAM	6	0	Low	NV	-10	-7.05	-0.009 965	±2.5	PASS
Band12	3MHz	23095	16QAM	6	0	Low	NV	0	-8.44	-0.011 929	±2.5	PASS
Band12	3MHz	23095	16QAM	6	0	Low	NV	10	-7.44	-0.010 516	±2.5	PASS
Band12	3MHz	23095	16QAM	6	0	Low	NV	20	-7.95	-0.011 237	±2.5	PASS
Band12	3MHz	23095	16QAM	6	0	Low	NV	30	-7.42	-0.010 488	±2.5	PASS
Band12	3MHz	23095	16QAM	6	0	Low	NV	40	-7.78	-0.010 996	±2.5	PASS
Band12	3MHz	23095	16QAM	6	0	Low	NV	50	-8.00	-0.011 307	±2.5	PASS

Band12	3MHz	23165	QPSK	6	0	High	NV	-30	-7.35	-0.010 287	±2.5	PASS
Band12	3MHz	23165	QPSK	6	0	High	NV	-20	-7.02	-0.009 825	±2.5	PASS
Band12	3MHz	23165	QPSK	6	0	High	NV	-10	-7.08	-0.009 909	±2.5	PASS
Band12	3MHz	23165	QPSK	6	0	High	NV	0	-7.30	-0.010 217	±2.5	PASS
Band12	3MHz	23165	QPSK	6	0	High	NV	10	-6.59	-0.009 223	±2.5	PASS
Band12	3MHz	23165	QPSK	6	0	High	NV	20	-7.65	-0.010 707	±2.5	PASS
Band12	3MHz	23165	QPSK	6	0	High	NV	30	-6.45	-0.009 027	±2.5	PASS
Band12	3MHz	23165	QPSK	6	0	High	NV	40	-6.98	-0.009 769	±2.5	PASS
Band12	3MHz	23165	QPSK	6	0	High	NV	50	-6.52	-0.009 125	±2.5	PASS
Band12	3MHz	23165	16QAM	6	0	High	NV	-30	-6.77	-0.009 475	±2.5	PASS
Band12	3MHz	23165	16QAM	6	0	High	NV	-20	-6.38	-0.008 929	±2.5	PASS
Band12	3MHz	23165	16QAM	6	0	High	NV	-10	-7.24	-0.010 133	±2.5	PASS
Band12	3MHz	23165	16QAM	6	0	High	NV	0	-6.64	-0.009 293	±2.5	PASS
Band12	3MHz	23165	16QAM	6	0	High	NV	10	-6.51	-0.009 111	±2.5	PASS
Band12	3MHz	23165	16QAM	6	0	High	NV	20	-6.61	-0.009 251	±2.5	PASS
Band12	3MHz	23165	16QAM	6	0	High	NV	30	-6.67	-0.009 335	±2.5	PASS
Band12	3MHz	23165	16QAM	6	0	High	NV	40	-6.14	-0.008 593	±2.5	PASS
Band12	3MHz	23165	16QAM	6	0	High	NV	50	-6.84	-0.009 573	±2.5	PASS
Band12	5MHz	23035	QPSK	6	0	Low	NV	-30	-13.06	-0.018 617	±2.5	PASS
Band12	5MHz	23035	QPSK	6	0	Low	NV	-20	-13.26	-0.018 902	±2.5	PASS
Band12	5MHz	23035	QPSK	6	0	Low	NV	-10	-13.30	-0.018 959	±2.5	PASS

Band12	5MHz	23035	QPSK	6	0	Low	NV	0	-12.95	-0.018 460	±2.5	PASS
Band12	5MHz	23035	QPSK	6	0	Low	NV	10	-13.59	-0.019 373	±2.5	PASS
Band12	5MHz	23035	QPSK	6	0	Low	NV	20	11.60	0.0165 36	±2.5	PASS
Band12	5MHz	23035	QPSK	6	0	Low	NV	30	11.24	0.0160 23	±2.5	PASS
Band12	5MHz	23035	QPSK	6	0	Low	NV	40	11.62	0.0165 65	±2.5	PASS
Band12	5MHz	23035	QPSK	6	0	Low	NV	50	10.36	0.0147 68	±2.5	PASS
Band12	5MHz	23035	16QAM	6	0	Low	NV	-30	11.67	0.0166 36	±2.5	PASS
Band12	5MHz	23035	16QAM	6	0	Low	NV	-20	10.97	0.0156 38	±2.5	PASS
Band12	5MHz	23035	16QAM	6	0	Low	NV	-10	10.39	0.0148 11	±2.5	PASS
Band12	5MHz	23035	16QAM	6	0	Low	NV	0	10.89	0.0155 24	±2.5	PASS
Band12	5MHz	23035	16QAM	6	0	Low	NV	10	11.10	0.0158 23	±2.5	PASS
Band12	5MHz	23035	16QAM	6	0	Low	NV	20	10.71	0.0152 67	±2.5	PASS
Band12	5MHz	23035	16QAM	6	0	Low	NV	30	10.10	0.0143 98	±2.5	PASS
Band12	5MHz	23035	16QAM	6	0	Low	NV	40	9.98	0.0142 27	±2.5	PASS
Band12	5MHz	23035	16QAM	6	0	Low	NV	50	11.04	0.0157 38	±2.5	PASS
Band12	5MHz	23095	QPSK	6	0	Low	NV	-30	-10.43	-0.014 742	±2.5	PASS
Band12	5MHz	23095	QPSK	6	0	Low	NV	-20	-10.64	-0.015 039	±2.5	PASS
Band12	5MHz	23095	QPSK	6	0	Low	NV	-10	-9.68	-0.013 682	±2.5	PASS
Band12	5MHz	23095	QPSK	6	0	Low	NV	0	-10.03	-0.014 177	±2.5	PASS
Band12	5MHz	23095	QPSK	6	0	Low	NV	10	-9.31	-0.013 159	±2.5	PASS
Band12	5MHz	23095	QPSK	6	0	Low	NV	20	-9.71	-0.013 724	±2.5	PASS

Band12	5MHz	23095	QPSK	6	0	Low	NV	30	-10.06	-0.014 219	±2.5	PASS
Band12	5MHz	23095	QPSK	6	0	Low	NV	40	-10.16	-0.014 360	±2.5	PASS
Band12	5MHz	23095	QPSK	6	0	Low	NV	50	-10.37	-0.014 657	±2.5	PASS
Band12	5MHz	23095	16QAM	6	0	Low	NV	-30	-9.03	-0.012 763	±2.5	PASS
Band12	5MHz	23095	16QAM	6	0	Low	NV	-20	-10.37	-0.014 657	±2.5	PASS
Band12	5MHz	23095	16QAM	6	0	Low	NV	-10	-9.43	-0.013 329	±2.5	PASS
Band12	5MHz	23095	16QAM	6	0	Low	NV	0	-9.73	-0.013 753	±2.5	PASS
Band12	5MHz	23095	16QAM	6	0	Low	NV	10	-9.10	-0.012 862	±2.5	PASS
Band12	5MHz	23095	16QAM	6	0	Low	NV	20	-9.46	-0.013 371	±2.5	PASS
Band12	5MHz	23095	16QAM	6	0	Low	NV	30	-9.04	-0.012 777	±2.5	PASS
Band12	5MHz	23095	16QAM	6	0	Low	NV	40	-9.38	-0.013 258	±2.5	PASS
Band12	5MHz	23095	16QAM	6	0	Low	NV	50	-9.00	-0.012 721	±2.5	PASS
Band12	5MHz	23155	QPSK	6	0	High	NV	-30	-5.18	-0.007 260	±2.5	PASS
Band12	5MHz	23155	QPSK	6	0	High	NV	-20	-6.05	-0.008 479	±2.5	PASS
Band12	5MHz	23155	QPSK	6	0	High	NV	-10	-4.92	-0.006 896	±2.5	PASS
Band12	5MHz	23155	QPSK	6	0	High	NV	0	-4.61	-0.006 461	±2.5	PASS
Band12	5MHz	23155	QPSK	6	0	High	NV	10	-5.78	-0.008 101	±2.5	PASS
Band12	5MHz	23155	QPSK	6	0	High	NV	20	-4.63	-0.006 489	±2.5	PASS
Band12	5MHz	23155	QPSK	6	0	High	NV	30	-4.86	-0.006 811	±2.5	PASS
Band12	5MHz	23155	QPSK	6	0	High	NV	40	-4.26	-0.005 971	±2.5	PASS
Band12	5MHz	23155	QPSK	6	0	High	NV	50	-4.26	-0.005 971	±2.5	PASS

Band12	5MHz	23155	16QAM	6	0	High	NV	-30	-4.21	-0.005 900	±2.5	PASS
Band12	5MHz	23155	16QAM	6	0	High	NV	-20	-4.55	-0.006 377	±2.5	PASS
Band12	5MHz	23155	16QAM	6	0	High	NV	-10	-4.36	-0.006 111	±2.5	PASS
Band12	5MHz	23155	16QAM	6	0	High	NV	0	-4.23	-0.005 929	±2.5	PASS
Band12	5MHz	23155	16QAM	6	0	High	NV	10	-4.36	-0.006 111	±2.5	PASS
Band12	5MHz	23155	16QAM	6	0	High	NV	20	-4.22	-0.005 915	±2.5	PASS
Band12	5MHz	23155	16QAM	6	0	High	NV	30	-4.63	-0.006 489	±2.5	PASS
Band12	5MHz	23155	16QAM	6	0	High	NV	40	-3.81	-0.005 340	±2.5	PASS
Band12	5MHz	23155	16QAM	6	0	High	NV	50	-4.53	-0.006 349	±2.5	PASS
Band12	10MHz	23060	QPSK	6	0	Low	NV	-30	-4.76	-0.006 761	±2.5	PASS
Band12	10MHz	23060	QPSK	6	0	Low	NV	-20	-5.28	-0.007 500	±2.5	PASS
Band12	10MHz	23060	QPSK	6	0	Low	NV	-10	-5.04	-0.007 159	±2.5	PASS
Band12	10MHz	23060	QPSK	6	0	Low	NV	0	-5.29	-0.007 514	±2.5	PASS
Band12	10MHz	23060	QPSK	6	0	Low	NV	10	-5.11	-0.007 259	±2.5	PASS
Band12	10MHz	23060	QPSK	6	0	Low	NV	20	-5.31	-0.007 543	±2.5	PASS
Band12	10MHz	23060	QPSK	6	0	Low	NV	30	-5.81	-0.008 253	±2.5	PASS
Band12	10MHz	23060	QPSK	6	0	Low	NV	40	-6.58	-0.009 347	±2.5	PASS
Band12	10MHz	23060	QPSK	6	0	Low	NV	50	-6.15	-0.008 736	±2.5	PASS
Band12	10MHz	23060	16QAM	6	0	Low	NV	-30	-6.85	-0.009 730	±2.5	PASS
Band12	10MHz	23060	16QAM	6	0	Low	NV	-20	-6.98	-0.009 915	±2.5	PASS
Band12	10MHz	23060	16QAM	6	0	Low	NV	-10	-7.65	-0.010 866	±2.5	PASS

Band12	10MHz	23060	16QAM	6	0	Low	NV	0	-7.90	-0.011 222	±2.5	PASS
Band12	10MHz	23060	16QAM	6	0	Low	NV	10	-7.24	-0.010 284	±2.5	PASS
Band12	10MHz	23060	16QAM	6	0	Low	NV	20	-7.15	-0.010 156	±2.5	PASS
Band12	10MHz	23060	16QAM	6	0	Low	NV	30	-6.55	-0.009 304	±2.5	PASS
Band12	10MHz	23060	16QAM	6	0	Low	NV	40	-8.33	-0.011 832	±2.5	PASS
Band12	10MHz	23060	16QAM	6	0	Low	NV	50	-7.15	-0.010 156	±2.5	PASS
Band12	10MHz	23095	QPSK	6	0	Low	NV	-30	-5.06	-0.007 152	±2.5	PASS
Band12	10MHz	23095	QPSK	6	0	Low	NV	-20	-4.01	-0.005 668	±2.5	PASS
Band12	10MHz	23095	QPSK	6	0	Low	NV	-10	-3.89	-0.005 498	±2.5	PASS
Band12	10MHz	23095	QPSK	6	0	Low	NV	0	-3.40	-0.004 806	±2.5	PASS
Band12	10MHz	23095	QPSK	6	0	Low	NV	10	-3.36	-0.004 749	±2.5	PASS
Band12	10MHz	23095	QPSK	6	0	Low	NV	20	-3.39	-0.004 792	±2.5	PASS
Band12	10MHz	23095	QPSK	6	0	Low	NV	30	-3.52	-0.004 975	±2.5	PASS
Band12	10MHz	23095	QPSK	6	0	Low	NV	40	-3.68	-0.005 201	±2.5	PASS
Band12	10MHz	23095	QPSK	6	0	Low	NV	50	-3.16	-0.004 466	±2.5	PASS
Band12	10MHz	23095	16QAM	6	0	Low	NV	-30	-3.30	-0.004 664	±2.5	PASS
Band12	10MHz	23095	16QAM	6	0	Low	NV	-20	-2.76	-0.003 901	±2.5	PASS
Band12	10MHz	23095	16QAM	6	0	Low	NV	-10	-3.15	-0.004 452	±2.5	PASS
Band12	10MHz	23095	16QAM	6	0	Low	NV	0	-3.25	-0.004 594	±2.5	PASS
Band12	10MHz	23095	16QAM	6	0	Low	NV	10	-2.69	-0.003 802	±2.5	PASS
Band12	10MHz	23095	16QAM	6	0	Low	NV	20	-3.50	-0.004 947	±2.5	PASS

Band12	10MHz	23095	16QAM	6	0	Low	NV	30	-3.35	-0.004 735	±2.5	PASS
Band12	10MHz	23095	16QAM	6	0	Low	NV	40	-4.38	-0.006 191	±2.5	PASS
Band12	10MHz	23095	16QAM	6	0	Low	NV	50	-3.50	-0.004 947	±2.5	PASS
Band12	10MHz	23130	QPSK	6	0	High	NV	-30	3.05	0.0042 90	±2.5	PASS
Band12	10MHz	23130	QPSK	6	0	High	NV	-20	2.79	0.0039 24	±2.5	PASS
Band12	10MHz	23130	QPSK	6	0	High	NV	-10	2.36	0.0033 19	±2.5	PASS
Band12	10MHz	23130	QPSK	6	0	High	NV	0	2.80	0.0039 38	±2.5	PASS
Band12	10MHz	23130	QPSK	6	0	High	NV	10	2.90	0.0040 79	±2.5	PASS
Band12	10MHz	23130	QPSK	6	0	High	NV	20	2.66	0.0037 41	±2.5	PASS
Band12	10MHz	23130	QPSK	6	0	High	NV	30	2.56	0.0036 01	±2.5	PASS
Band12	10MHz	23130	QPSK	6	0	High	NV	40	2.40	0.0033 76	±2.5	PASS
Band12	10MHz	23130	QPSK	6	0	High	NV	50	3.18	0.0044 73	±2.5	PASS
Band12	10MHz	23130	16QAM	6	0	High	NV	-30	3.13	0.0044 02	±2.5	PASS
Band12	10MHz	23130	16QAM	6	0	High	NV	-20	3.30	0.0046 41	±2.5	PASS
Band12	10MHz	23130	16QAM	6	0	High	NV	-10	3.43	0.0048 24	±2.5	PASS
Band12	10MHz	23130	16QAM	6	0	High	NV	0	3.33	0.0046 84	±2.5	PASS
Band12	10MHz	23130	16QAM	6	0	High	NV	10	2.99	0.0042 05	±2.5	PASS
Band12	10MHz	23130	16QAM	6	0	High	NV	20	3.02	0.0042 48	±2.5	PASS
Band12	10MHz	23130	16QAM	6	0	High	NV	30	3.40	0.0047 82	±2.5	PASS
Band12	10MHz	23130	16QAM	6	0	High	NV	40	2.70	0.0037 97	±2.5	PASS
Band12	10MHz	23130	16QAM	6	0	High	NV	50	3.42	0.0048 10	±2.5	PASS

*** End of Report ***