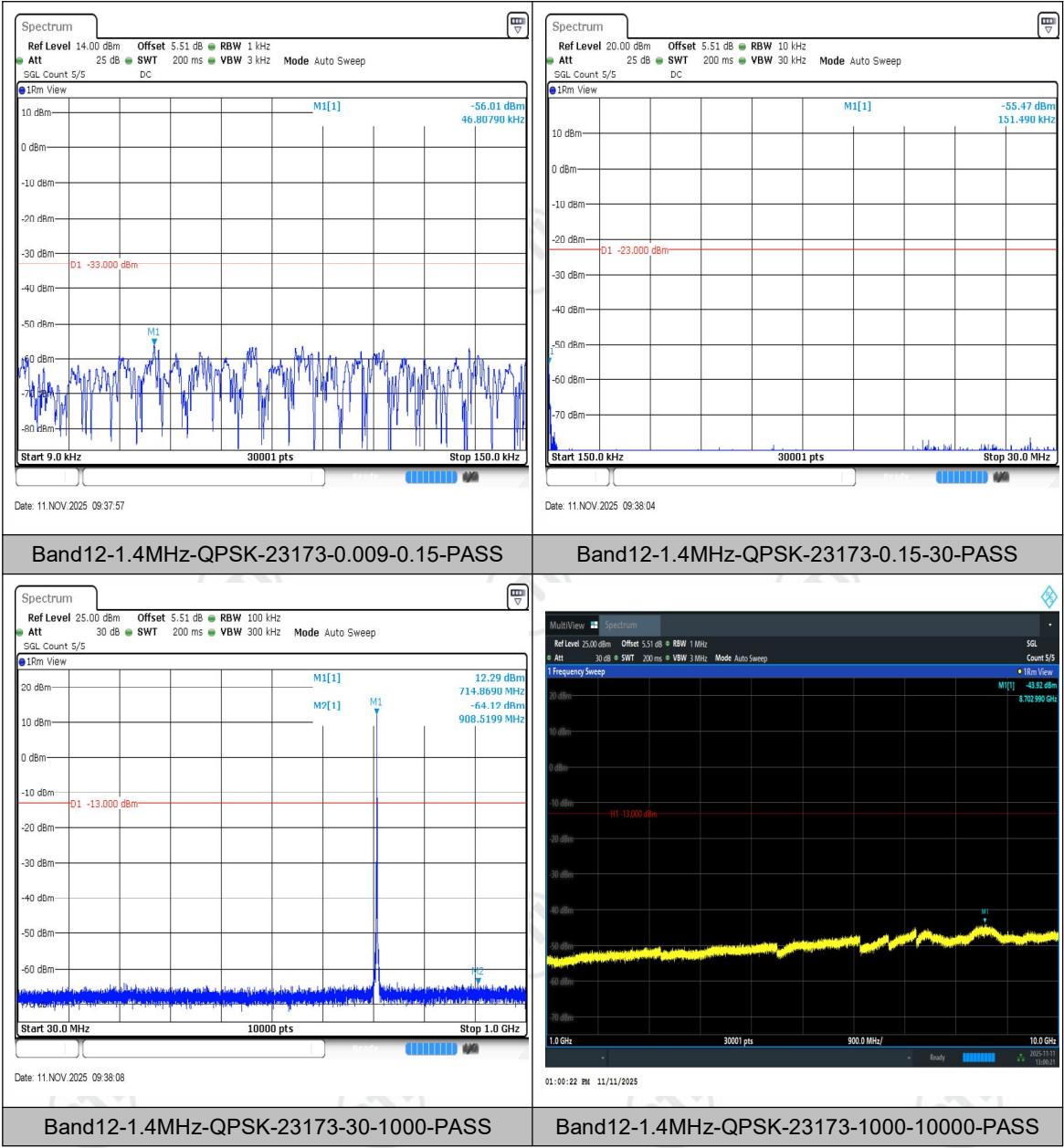
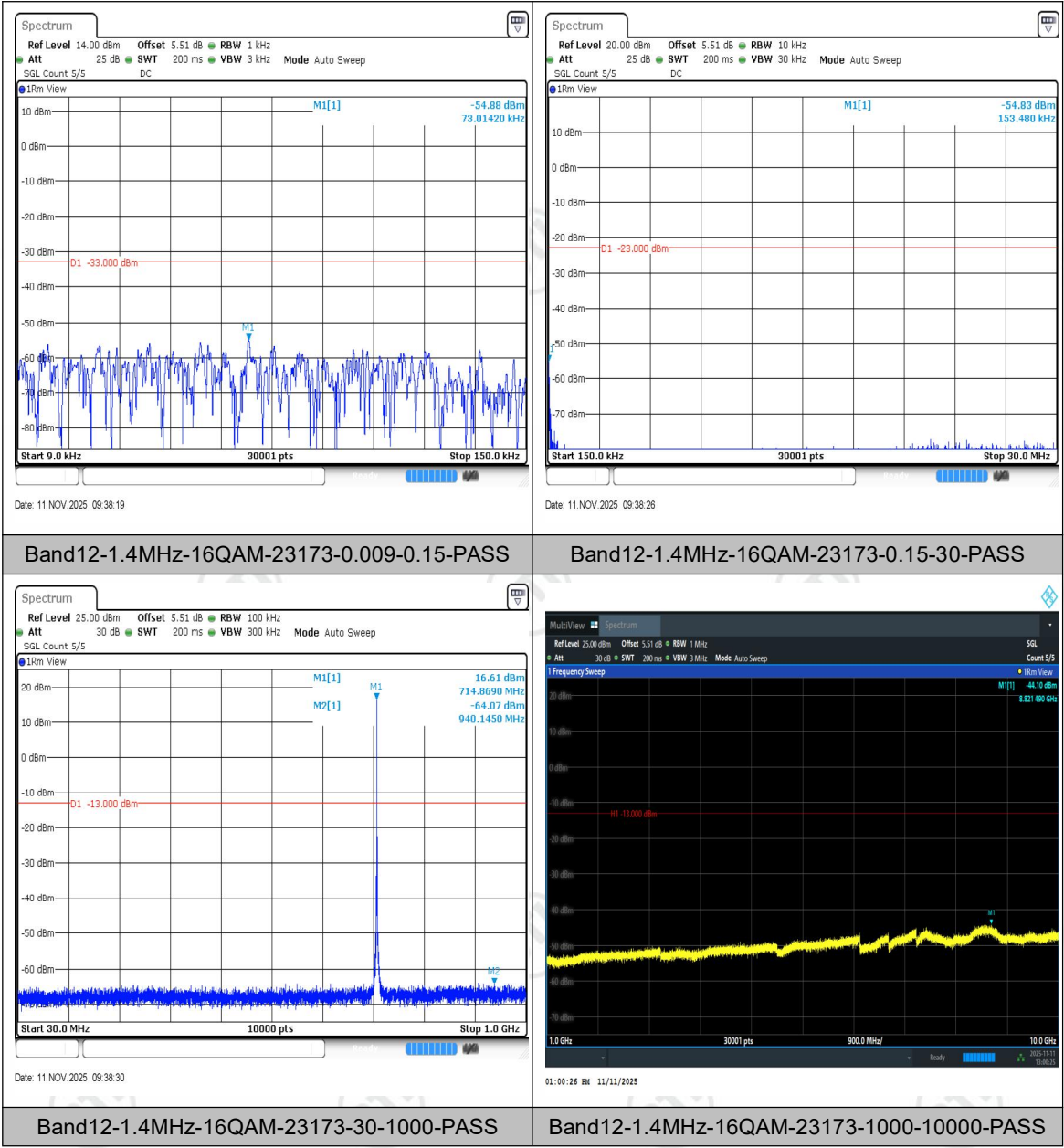
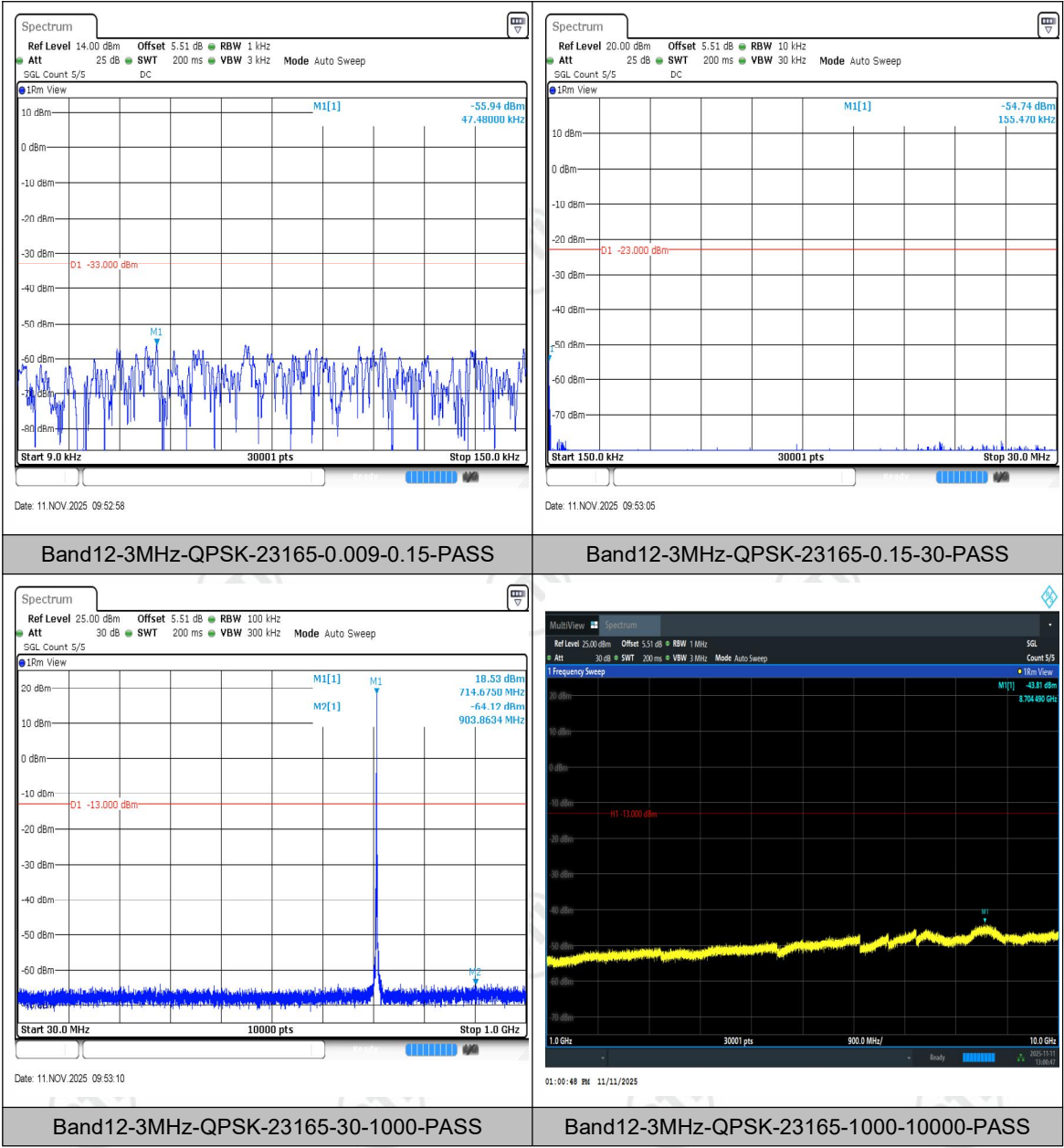
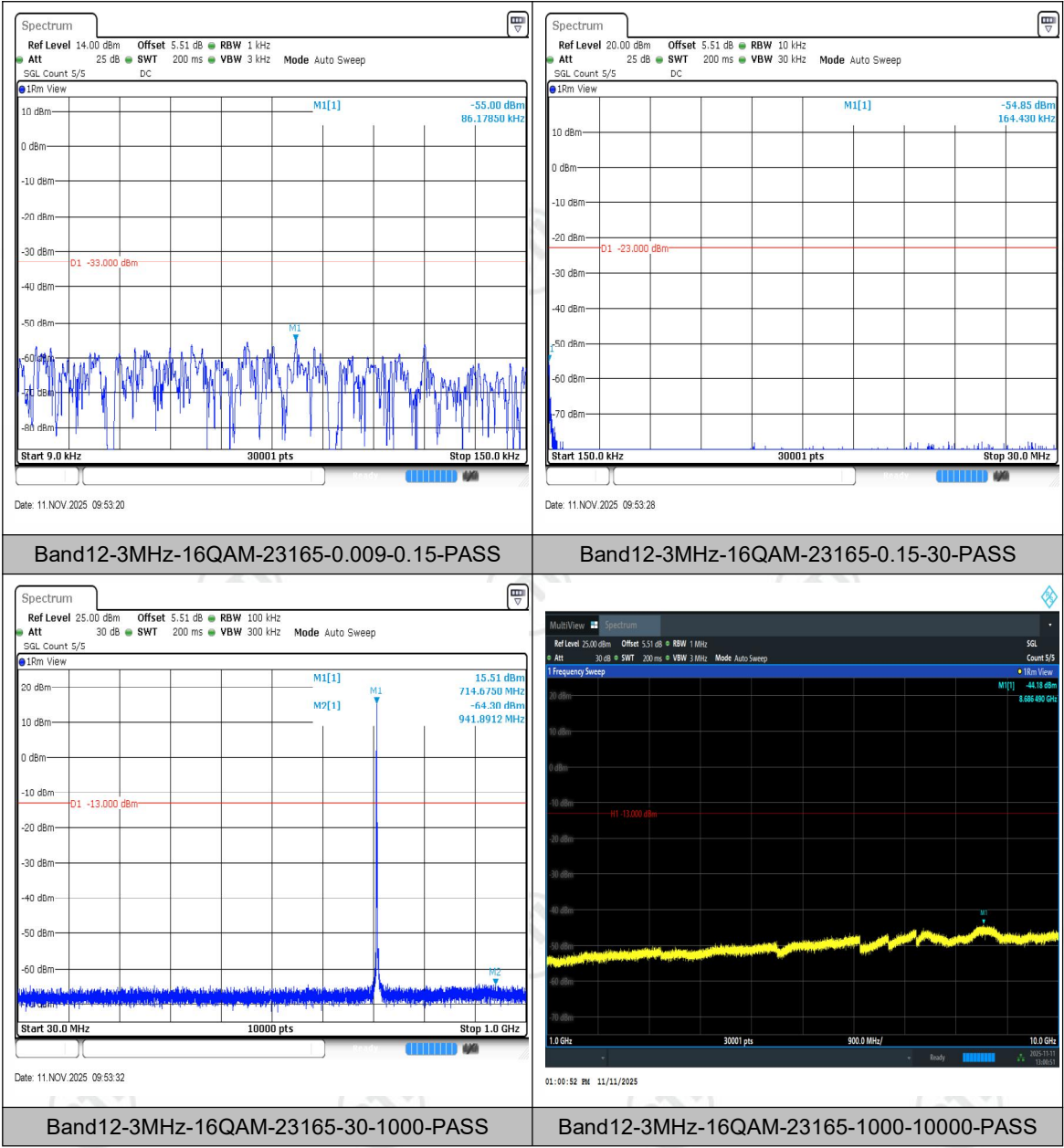
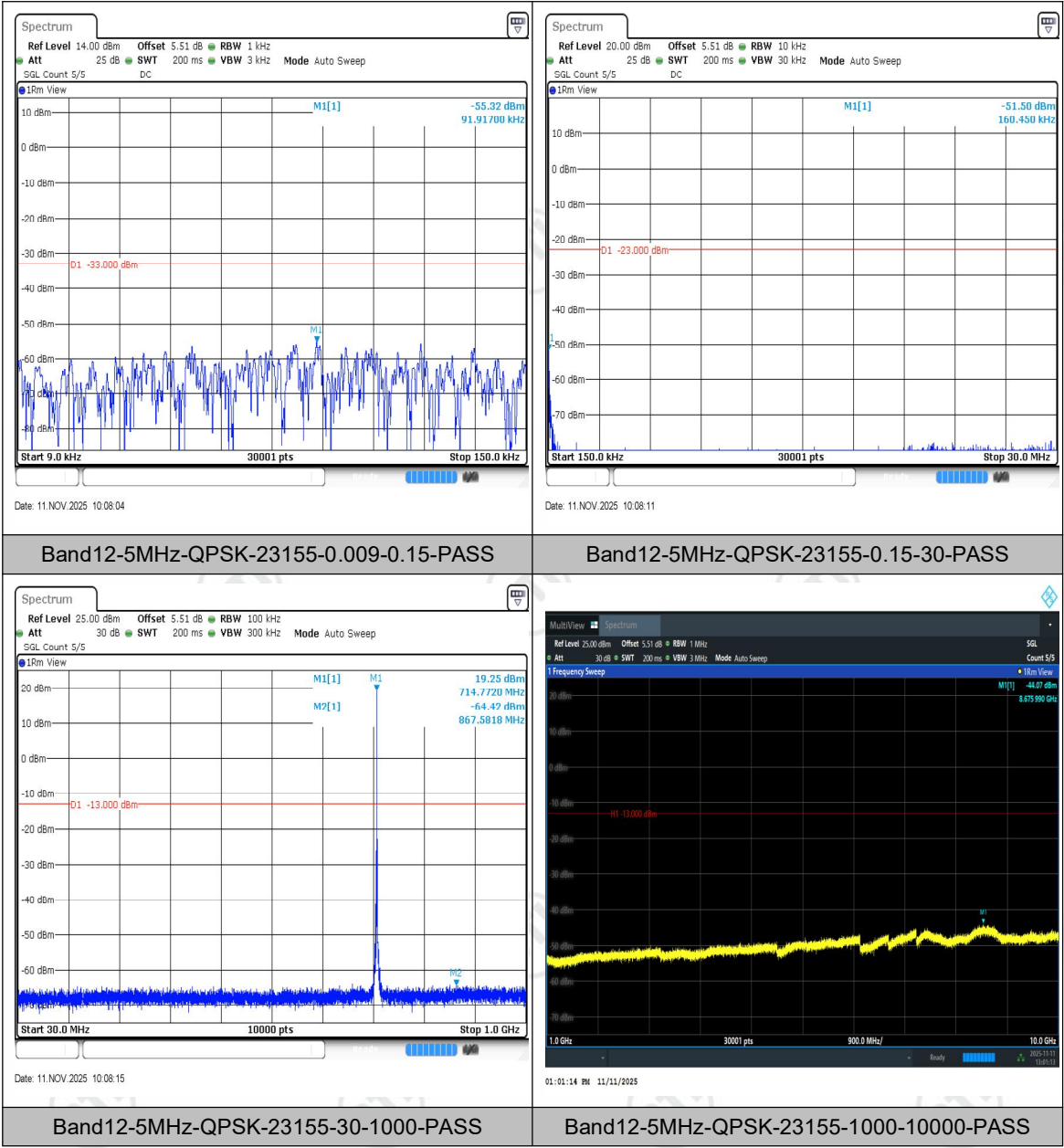


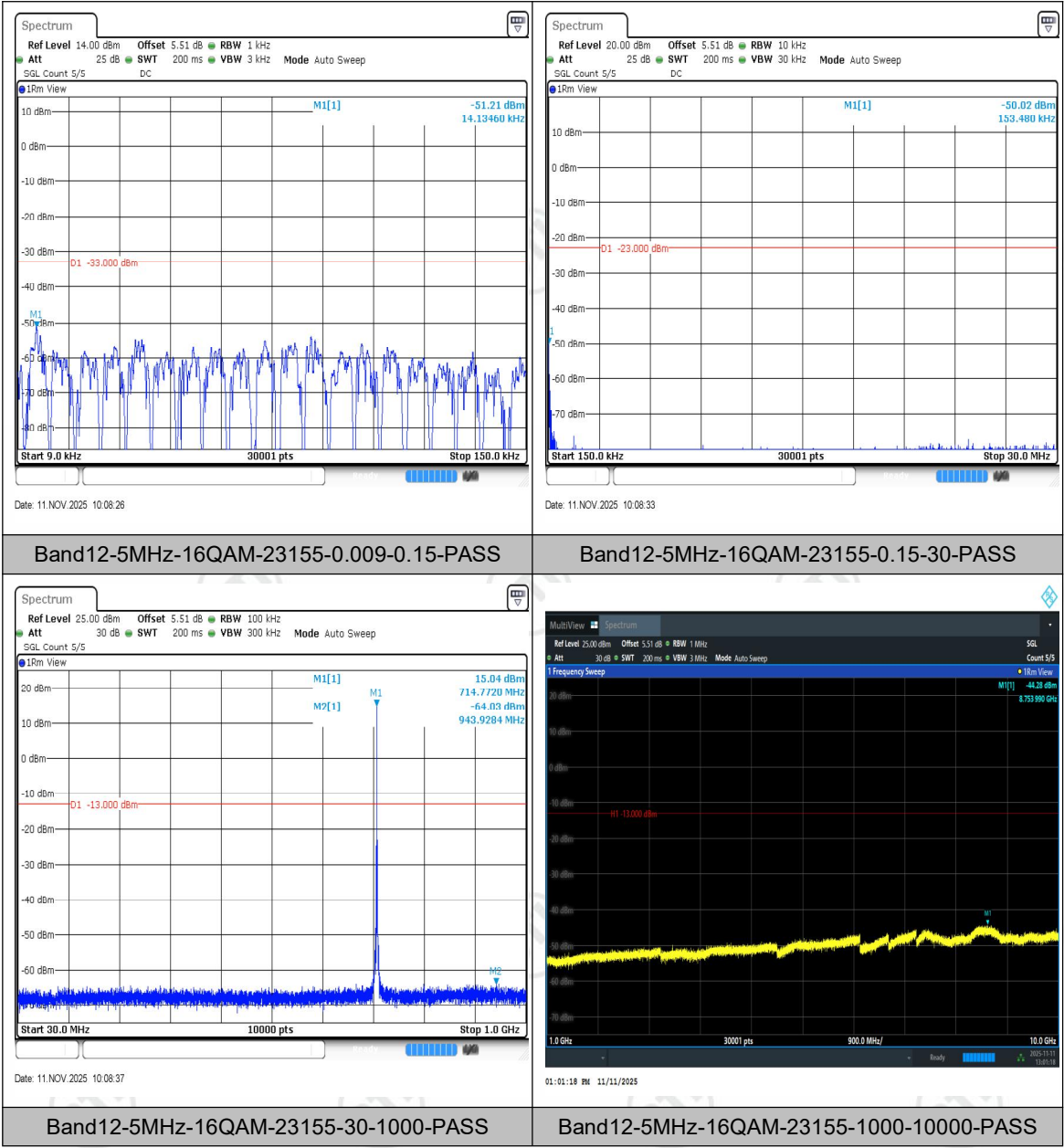


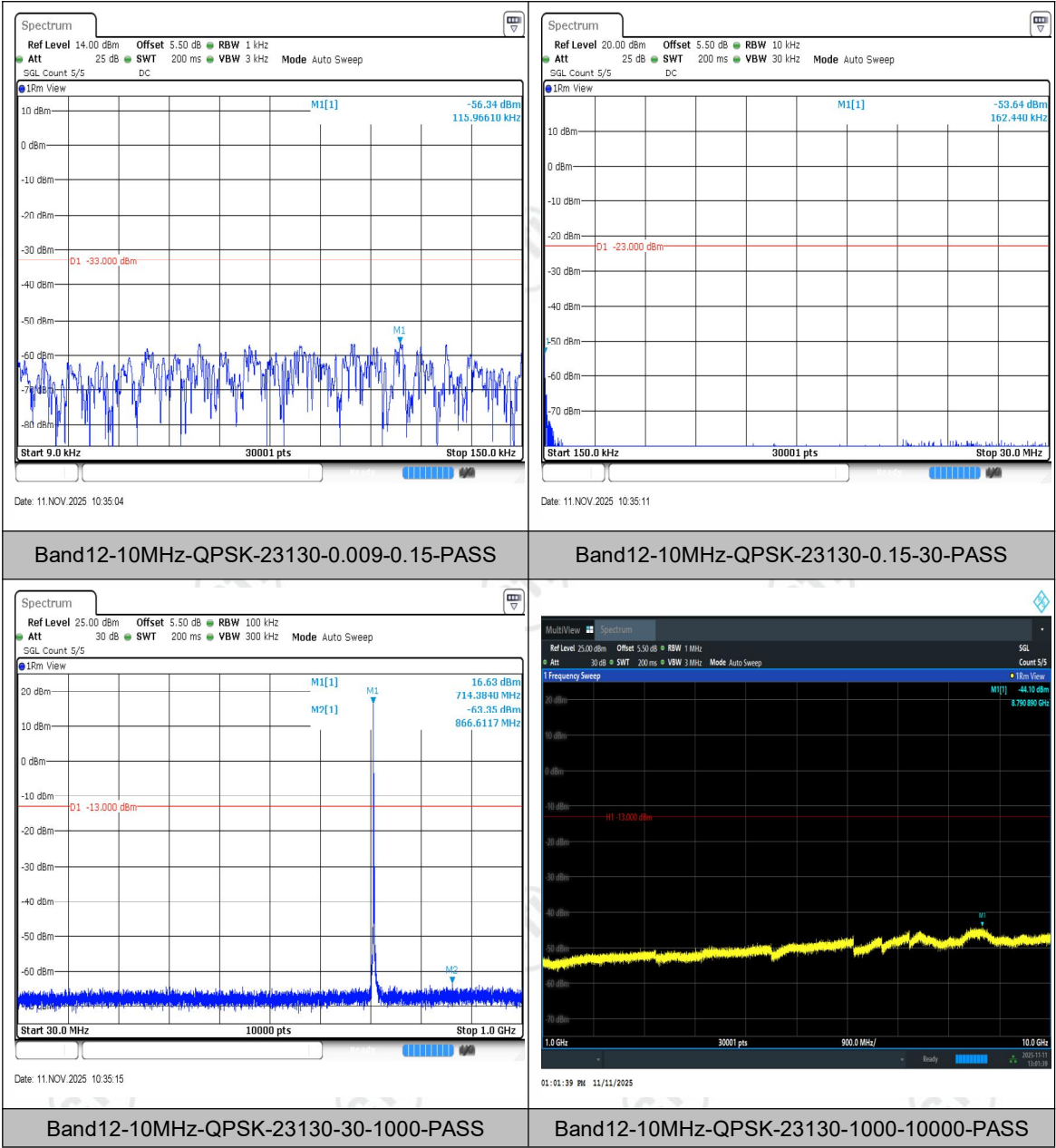


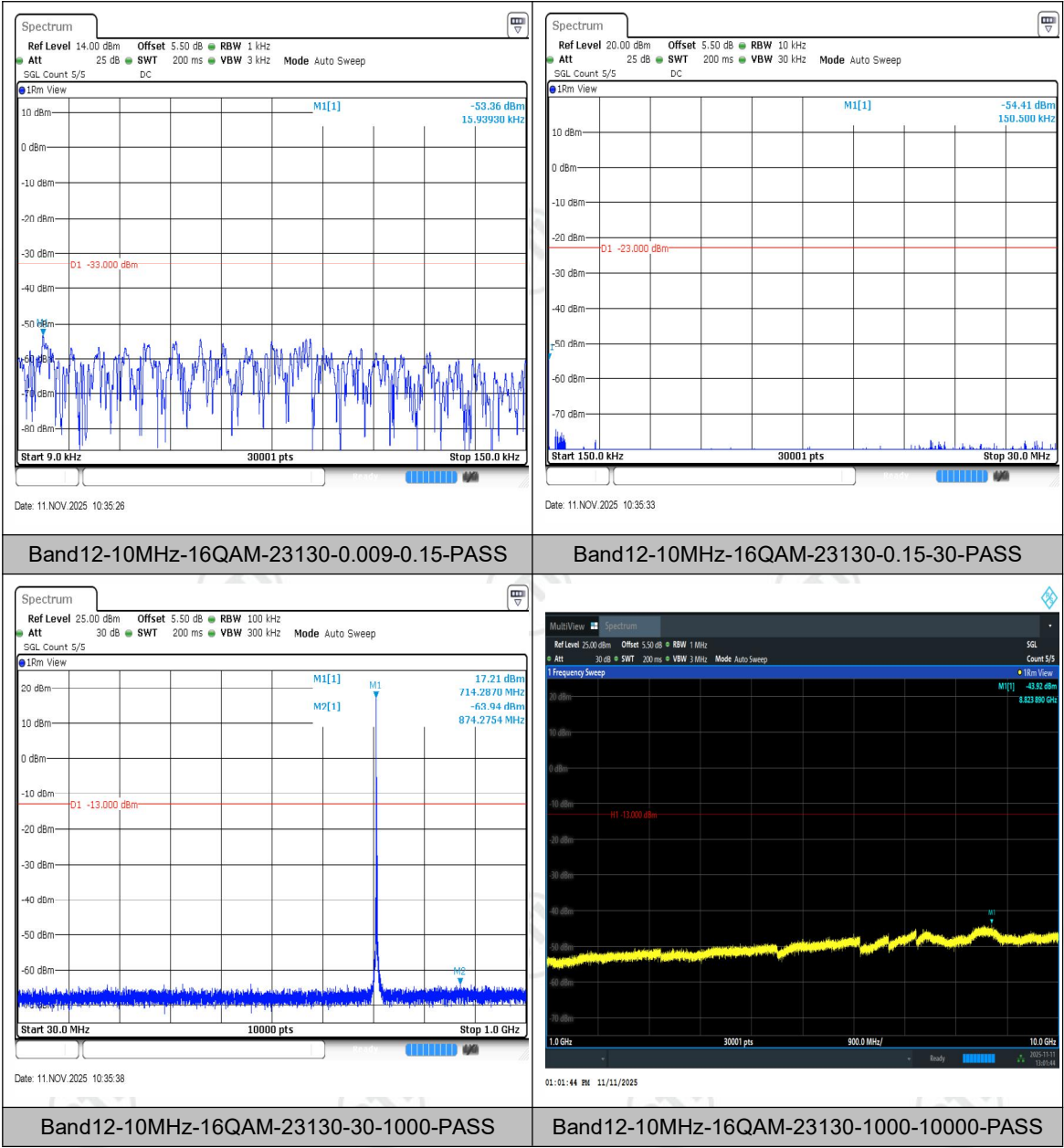












Appendix F: Frequency Stability for M1

Test Result

Voltage												
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band 12	1.4M Hz	23017	QPSK	6	0	Low	VN	NT	-11.63	-0.016621	±2.5	PASS
Band 12	1.4M Hz	23017	QPSK	6	0	Low	VL	NT	-11.79	-0.016850	±2.5	PASS
Band 12	1.4M Hz	23017	QPSK	6	0	Low	VH	NT	-11.70	-0.016721	±2.5	PASS
Band 12	1.4M Hz	23017	16QAM	6	0	Low	VN	NT	-12.86	-0.018379	±2.5	PASS
Band 12	1.4M Hz	23017	16QAM	6	0	Low	VL	NT	12.13	0.017336	±2.5	PASS
Band 12	1.4M Hz	23017	16QAM	6	0	Low	VH	NT	-12.70	-0.018151	±2.5	PASS
Band 12	3MHz	23025	QPSK	6	0	Low	VN	NT	5.24	0.007480	±2.5	PASS
Band 12	3MHz	23025	QPSK	6	0	Low	VL	NT	4.58	0.006538	±2.5	PASS
Band 12	3MHz	23025	QPSK	6	0	Low	VH	NT	4.79	0.006838	±2.5	PASS
Band 12	3MHz	23025	16QAM	6	0	Low	VN	NT	4.73	0.006752	±2.5	PASS
Band 12	3MHz	23025	16QAM	6	0	Low	VL	NT	4.28	0.006110	±2.5	PASS
Band 12	3MHz	23025	16QAM	6	0	Low	VH	NT	4.33	0.006181	±2.5	PASS
Band 12	5MHz	23035	QPSK	6	0	Low	VN	NT	-7.90	-0.011262	±2.5	PASS
Band 12	5MHz	23035	QPSK	6	0	Low	VL	NT	-8.70	-0.012402	±2.5	PASS
Band 12	5MHz	23035	QPSK	6	0	Low	VH	NT	-9.31	-0.013272	±2.5	PASS
Band 12	5MHz	23035	16QAM	6	0	Low	VN	NT	-11.62	-0.016565	±2.5	PASS

Band 12	5MHz	23035	16QAM	6	0	Low	VL	NT	-9.84	-0.014027	±2.5	PA SS
Band 12	5MHz	23035	16QAM	6	0	Low	VH	NT	-10.63	-0.015153	±2.5	PA SS
Band 12	10MHz	23060	QPSK	6	0	Low	VN	NT	9.37	0.013310	±2.5	PA SS
Band 12	10MHz	23060	QPSK	6	0	Low	VL	NT	10.37	0.014730	±2.5	PA SS
Band 12	10MHz	23060	QPSK	6	0	Low	VH	NT	8.84	0.012557	±2.5	PA SS
Band 12	10MHz	23060	16QAM	6	0	Low	VN	NT	8.31	0.011804	±2.5	PA SS
Band 12	10MHz	23060	16QAM	6	0	Low	VL	NT	8.45	0.012003	±2.5	PA SS
Band 12	10MHz	23060	16QAM	6	0	Low	VH	NT	8.54	0.012131	±2.5	PA SS
Band 12	1.4MHz	23095	QPSK	6	0	Low	VN	NT	3.40	0.004806	±2.5	PA SS
Band 12	1.4MHz	23095	QPSK	6	0	Low	VL	NT	3.99	0.005640	±2.5	PA SS
Band 12	1.4MHz	23095	QPSK	6	0	Low	VH	NT	3.16	0.004466	±2.5	PA SS
Band 12	1.4MHz	23095	16QAM	6	0	Low	VN	NT	4.08	0.005767	±2.5	PA SS
Band 12	1.4MHz	23095	16QAM	6	0	Low	VL	NT	5.42	0.007661	±2.5	PA SS
Band 12	1.4MHz	23095	16QAM	6	0	Low	VH	NT	3.58	0.005060	±2.5	PA SS
Band 12	3MHz	23095	QPSK	6	0	Low	VN	NT	9.41	0.013300	±2.5	PA SS
Band 12	3MHz	23095	QPSK	6	0	Low	VL	NT	10.99	0.015534	±2.5	PA SS
Band 12	3MHz	23095	QPSK	6	0	Low	VH	NT	10.56	0.014926	±2.5	PA SS
Band 12	3MHz	23095	16QAM	6	0	Low	VN	NT	9.97	0.014092	±2.5	PA SS
Band 12	3MHz	23095	16QAM	6	0	Low	VL	NT	9.46	0.013371	±2.5	PA SS
Band 12	3MHz	23095	16QAM	6	0	Low	VH	NT	9.56	0.013512	±2.5	PA SS
Band	5MHz	2309	QPSK	6	0	Low	VN	NT	4.49	0.00	±2.5	PA

12		5								6346	5	SS
Band 12	5MHz	2309 5	QPSK	6	0	Low	VL	NT	4.76	0.00 6728	±2. 5	PA SS
Band 12	5MHz	2309 5	QPSK	6	0	Low	VH	NT	5.36	0.00 7576	±2. 5	PA SS
Band 12	5MHz	2309 5	16QA M	6	0	Low	VN	NT	3.92	0.00 5541	±2. 5	PA SS
Band 12	5MHz	2309 5	16QA M	6	0	Low	VL	NT	4.33	0.00 6120	±2. 5	PA SS
Band 12	5MHz	2309 5	16QA M	6	0	Low	VH	NT	4.68	0.00 6615	±2. 5	PA SS
Band 12	10MH z	2309 5	QPSK	6	0	Low	VN	NT	-3.2 5	-0.00 4594	±2. 5	PA SS
Band 12	10MH z	2309 5	QPSK	6	0	Low	VL	NT	-3.5 5	-0.00 5018	±2. 5	PA SS
Band 12	10MH z	2309 5	QPSK	6	0	Low	VH	NT	-3.3 8	-0.00 4777	±2. 5	PA SS
Band 12	10MH z	2309 5	16QA M	6	0	Low	VN	NT	-3.2 8	-0.00 4636	±2. 5	PA SS
Band 12	10MH z	2309 5	16QA M	6	0	Low	VL	NT	3.08	0.00 4353	±2. 5	PA SS
Band 12	10MH z	2309 5	16QA M	6	0	Low	VH	NT	-3.7 8	-0.00 5343	±2. 5	PA SS
Band 12	1.4M Hz	2317 3	QPSK	6	0	High	VN	NT	-5.2 2	-0.00 7298	±2. 5	PA SS
Band 12	1.4M Hz	2317 3	QPSK	6	0	High	VL	NT	-3.5 0	-0.00 4893	±2. 5	PA SS
Band 12	1.4M Hz	2317 3	QPSK	6	0	High	VH	NT	-3.8 3	-0.00 5354	±2. 5	PA SS
Band 12	1.4M Hz	2317 3	16QA M	6	0	High	VN	NT	-4.1 6	-0.00 5816	±2. 5	PA SS
Band 12	1.4M Hz	2317 3	16QA M	6	0	High	VL	NT	-4.6 1	-0.00 6445	±2. 5	PA SS
Band 12	1.4M Hz	2317 3	16QA M	6	0	High	VH	NT	-4.3 1	-0.00 6025	±2. 5	PA SS
Band 12	3MHz	2316 5	QPSK	6	0	High	VN	NT	-4.1 3	-0.00 5780	±2. 5	PA SS
Band 12	3MHz	2316 5	QPSK	6	0	High	VL	NT	-3.9 2	-0.00 5486	±2. 5	PA SS
Band 12	3MHz	2316 5	QPSK	6	0	High	VH	NT	-3.8 6	-0.00 5402	±2. 5	PA SS

Band 12	3MHz	23165	16QAM	6	0	High	VN	NT	-4.96	-0.006942	±2.5	PA SS
Band 12	3MHz	23165	16QAM	6	0	High	VL	NT	-5.09	-0.007124	±2.5	PA SS
Band 12	3MHz	23165	16QAM	6	0	High	VH	NT	-5.15	-0.007208	±2.5	PA SS
Band 12	5MHz	23155	QPSK	6	0	High	VN	NT	6.35	0.008900	±2.5	PA SS
Band 12	5MHz	23155	QPSK	6	0	High	VL	NT	6.77	0.009488	±2.5	PA SS
Band 12	5MHz	23155	QPSK	6	0	High	VH	NT	6.17	0.008648	±2.5	PA SS
Band 12	5MHz	23155	16QAM	6	0	High	VN	NT	5.31	0.007442	±2.5	PA SS
Band 12	5MHz	23155	16QAM	6	0	High	VL	NT	5.87	0.008227	±2.5	PA SS
Band 12	5MHz	23155	16QAM	6	0	High	VH	NT	6.21	0.008704	±2.5	PA SS
Band 12	10MHz	23130	QPSK	6	0	High	VN	NT	-12.30	-0.017300	±2.5	PA SS
Band 12	10MHz	23130	QPSK	6	0	High	VL	NT	-12.20	-0.017159	±2.5	PA SS
Band 12	10MHz	23130	QPSK	6	0	High	VH	NT	-11.99	-0.016864	±2.5	PA SS
Band 12	10MHz	23130	16QAM	6	0	High	VN	NT	9.20	0.012940	±2.5	PA SS
Band 12	10MHz	23130	16QAM	6	0	High	VL	NT	9.58	0.013474	±2.5	PA SS
Band 12	10MHz	23130	16QAM	6	0	High	VH	NT	9.61	0.013516	±2.5	PA SS

Temperature												
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band 12	1.4MHz	23017	QPSK	6	0	Low	NV	-30	11.57	0.016536	±2.5	PA SS
Band 12	1.4MHz	23017	QPSK	6	0	Low	NV	-20	11.86	0.016950	±2.5	PA SS
Band 12	1.4MHz	23017	QPSK	6	0	Low	NV	-10	-11.80	-0.016864	±2.5	PA SS

Band 12	1.4M Hz	2301 7	QPSK	6	0	Low	NV	0	-12.2 7	-0.01 7536	±2. 5	PA SS
Band 12	1.4M Hz	2301 7	QPSK	6	0	Low	NV	10	12.3 7	0.01 7679	±2. 5	PA SS
Band 12	1.4M Hz	2301 7	QPSK	6	0	Low	NV	20	12.0 0	0.01 7150	±2. 5	PA SS
Band 12	1.4M Hz	2301 7	QPSK	6	0	Low	NV	30	-11.9 2	-0.01 7036	±2. 5	PA SS
Band 12	1.4M Hz	2301 7	QPSK	6	0	Low	NV	40	-11.9 9	-0.01 7136	±2. 5	PA SS
Band 12	1.4M Hz	2301 7	QPSK	6	0	Low	NV	50	-11.6 2	-0.01 6607	±2. 5	PA SS
Band 12	1.4M Hz	2301 7	16QA M	6	0	Low	NV	-30	11.5 3	0.01 6478	±2. 5	PA SS
Band 12	1.4M Hz	2301 7	16QA M	6	0	Low	NV	-20	12.1 3	0.01 7336	±2. 5	PA SS
Band 12	1.4M Hz	2301 7	16QA M	6	0	Low	NV	-10	-12.5 7	-0.01 7965	±2. 5	PA SS
Band 12	1.4M Hz	2301 7	16QA M	6	0	Low	NV	0	12.5 3	0.01 7908	±2. 5	PA SS
Band 12	1.4M Hz	2301 7	16QA M	6	0	Low	NV	10	-12.5 9	-0.01 7993	±2. 5	PA SS
Band 12	1.4M Hz	2301 7	16QA M	6	0	Low	NV	20	-12.4 6	-0.01 7808	±2. 5	PA SS
Band 12	1.4M Hz	2301 7	16QA M	6	0	Low	NV	30	12.1 6	0.01 7379	±2. 5	PA SS
Band 12	1.4M Hz	2301 7	16QA M	6	0	Low	NV	40	-12.3 0	-0.01 7579	±2. 5	PA SS
Band 12	1.4M Hz	2301 7	16QA M	6	0	Low	NV	50	12.2 6	0.01 7522	±2. 5	PA SS
Band 12	3MHz	2302 5	QPSK	6	0	Low	NV	-30	4.86	0.00 6938	±2. 5	PA SS
Band 12	3MHz	2302 5	QPSK	6	0	Low	NV	-20	4.85	0.00 6924	±2. 5	PA SS
Band 12	3MHz	2302 5	QPSK	6	0	Low	NV	-10	4.03	0.00 5753	±2. 5	PA SS
Band 12	3MHz	2302 5	QPSK	6	0	Low	NV	0	4.94	0.00 7052	±2. 5	PA SS
Band 12	3MHz	2302 5	QPSK	6	0	Low	NV	10	3.92	0.00 5596	±2. 5	PA SS
Band	3MHz	2302	QPSK	6	0	Low	NV	20	4.72	0.00	±2.	PA

12		5								6738	5	SS
Band 12	3MHz	2302 5	QPSK	6	0	Low	NV	30	3.82	0.00 5453	±2. 5	PA SS
Band 12	3MHz	2302 5	QPSK	6	0	Low	NV	40	4.29	0.00 6124	±2. 5	PA SS
Band 12	3MHz	2302 5	QPSK	6	0	Low	NV	50	4.78	0.00 6824	±2. 5	PA SS
Band 12	3MHz	2302 5	16QA M	6	0	Low	NV	-30	4.52	0.00 6453	±2. 5	PA SS
Band 12	3MHz	2302 5	16QA M	6	0	Low	NV	-20	5.29	0.00 7552	±2. 5	PA SS
Band 12	3MHz	2302 5	16QA M	6	0	Low	NV	-10	4.89	0.00 6981	±2. 5	PA SS
Band 12	3MHz	2302 5	16QA M	6	0	Low	NV	0	4.56	0.00 6510	±2. 5	PA SS
Band 12	3MHz	2302 5	16QA M	6	0	Low	NV	10	4.18	0.00 5967	±2. 5	PA SS
Band 12	3MHz	2302 5	16QA M	6	0	Low	NV	20	4.62	0.00 6595	±2. 5	PA SS
Band 12	3MHz	2302 5	16QA M	6	0	Low	NV	30	4.85	0.00 6924	±2. 5	PA SS
Band 12	3MHz	2302 5	16QA M	6	0	Low	NV	40	4.55	0.00 6495	±2. 5	PA SS
Band 12	3MHz	2302 5	16QA M	6	0	Low	NV	50	4.89	0.00 6981	±2. 5	PA SS
Band 12	5MHz	2303 5	QPSK	6	0	Low	NV	-30	-9.50	-0.01 3542	±2. 5	PA SS
Band 12	5MHz	2303 5	QPSK	6	0	Low	NV	-20	-9.16	-0.01 3058	±2. 5	PA SS
Band 12	5MHz	2303 5	QPSK	6	0	Low	NV	-10	-9.30	-0.01 3257	±2. 5	PA SS
Band 12	5MHz	2303 5	QPSK	6	0	Low	NV	0	-10.1 6	-0.01 4483	±2. 5	PA SS
Band 12	5MHz	2303 5	QPSK	6	0	Low	NV	10	-9.57	-0.01 3642	±2. 5	PA SS
Band 12	5MHz	2303 5	QPSK	6	0	Low	NV	20	-9.97	-0.01 4212	±2. 5	PA SS
Band 12	5MHz	2303 5	QPSK	6	0	Low	NV	30	-10.4 0	-0.01 4825	±2. 5	PA SS
Band 12	5MHz	2303 5	QPSK	6	0	Low	NV	40	-10.3 3	-0.01 4726	±2. 5	PA SS

Band 12	5MHz	2303 5	QPSK	6	0	Low	NV	50	-10.3 9	-0.01 4811	±2. 5	PA SS
Band 12	5MHz	2303 5	16QA M	6	0	Low	NV	-30	-10.0 7	-0.01 4355	±2. 5	PA SS
Band 12	5MHz	2303 5	16QA M	6	0	Low	NV	-20	-10.3 7	-0.01 4783	±2. 5	PA SS
Band 12	5MHz	2303 5	16QA M	6	0	Low	NV	-10	-10.5 6	-0.01 5053	±2. 5	PA SS
Band 12	5MHz	2303 5	16QA M	6	0	Low	NV	0	-10.5 4	-0.01 5025	±2. 5	PA SS
Band 12	5MHz	2303 5	16QA M	6	0	Low	NV	10	-11.4 0	-0.01 6251	±2. 5	PA SS
Band 12	5MHz	2303 5	16QA M	6	0	Low	NV	20	-10.5 6	-0.01 5053	±2. 5	PA SS
Band 12	5MHz	2303 5	16QA M	6	0	Low	NV	30	-11.4 4	-0.01 6308	±2. 5	PA SS
Band 12	5MHz	2303 5	16QA M	6	0	Low	NV	40	-11.3 2	-0.01 6137	±2. 5	PA SS
Band 12	5MHz	2303 5	16QA M	6	0	Low	NV	50	-10.9 3	-0.01 5581	±2. 5	PA SS
Band 12	10MH z	2306 0	QPSK	6	0	Low	NV	-30	10.1 7	0.01 4446	±2. 5	PA SS
Band 12	10MH z	2306 0	QPSK	6	0	Low	NV	-20	8.75	0.01 2429	±2. 5	PA SS
Band 12	10MH z	2306 0	QPSK	6	0	Low	NV	-10	8.96	0.01 2727	±2. 5	PA SS
Band 12	10MH z	2306 0	QPSK	6	0	Low	NV	0	9.26	0.01 3153	±2. 5	PA SS
Band 12	10MH z	2306 0	QPSK	6	0	Low	NV	10	9.11	0.01 2940	±2. 5	PA SS
Band 12	10MH z	2306 0	QPSK	6	0	Low	NV	20	9.31	0.01 3224	±2. 5	PA SS
Band 12	10MH z	2306 0	QPSK	6	0	Low	NV	30	8.94	0.01 2699	±2. 5	PA SS
Band 12	10MH z	2306 0	QPSK	6	0	Low	NV	40	8.78	0.01 2472	±2. 5	PA SS
Band 12	10MH z	2306 0	QPSK	6	0	Low	NV	50	8.77	0.01 2457	±2. 5	PA SS
Band 12	10MH z	2306 0	16QA M	6	0	Low	NV	-30	8.45	0.01 2003	±2. 5	PA SS
Band 12	10MH	2306	16QA	6	0	Low	NV	-20	8.30	0.011	±2.	PA

12	z	0	M							790	5	SS
Band 12	10MH z	2306 0	16QA M	6	0	Low	NV	-10	8.04	0.011 420	±2. 5	PA SS
Band 12	10MH z	2306 0	16QA M	6	0	Low	NV	0	8.23	0.011 690	±2. 5	PA SS
Band 12	10MH z	2306 0	16QA M	6	0	Low	NV	10	8.05	0.011 435	±2. 5	PA SS
Band 12	10MH z	2306 0	16QA M	6	0	Low	NV	20	7.80	0.011 080	±2. 5	PA SS
Band 12	10MH z	2306 0	16QA M	6	0	Low	NV	30	8.68	0.01 2330	±2. 5	PA SS
Band 12	10MH z	2306 0	16QA M	6	0	Low	NV	40	8.01	0.011 378	±2. 5	PA SS
Band 12	10MH z	2306 0	16QA M	6	0	Low	NV	50	8.13	0.011 548	±2. 5	PA SS
Band 12	1.4M Hz	2309 5	QPSK	6	0	Low	NV	-30	3.25	0.00 4594	±2. 5	PA SS
Band 12	1.4M Hz	2309 5	QPSK	6	0	Low	NV	-20	3.16	0.00 4466	±2. 5	PA SS
Band 12	1.4M Hz	2309 5	QPSK	6	0	Low	NV	-10	4.11	0.00 5809	±2. 5	PA SS
Band 12	1.4M Hz	2309 5	QPSK	6	0	Low	NV	0	3.23	0.00 4565	±2. 5	PA SS
Band 12	1.4M Hz	2309 5	QPSK	6	0	Low	NV	10	4.03	0.00 5696	±2. 5	PA SS
Band 12	1.4M Hz	2309 5	QPSK	6	0	Low	NV	20	3.75	0.00 5300	±2. 5	PA SS
Band 12	1.4M Hz	2309 5	QPSK	6	0	Low	NV	30	4.09	0.00 5781	±2. 5	PA SS
Band 12	1.4M Hz	2309 5	QPSK	6	0	Low	NV	40	4.02	0.00 5682	±2. 5	PA SS
Band 12	1.4M Hz	2309 5	QPSK	6	0	Low	NV	50	4.09	0.00 5781	±2. 5	PA SS
Band 12	1.4M Hz	2309 5	16QA M	6	0	Low	NV	-30	3.88	0.00 5484	±2. 5	PA SS
Band 12	1.4M Hz	2309 5	16QA M	6	0	Low	NV	-20	3.55	0.00 5018	±2. 5	PA SS
Band 12	1.4M Hz	2309 5	16QA M	6	0	Low	NV	-10	3.85	0.00 5442	±2. 5	PA SS
Band 12	1.4M Hz	2309 5	16QA M	6	0	Low	NV	0	3.43	0.00 4848	±2. 5	PA SS

Band 12	1.4M Hz	2309 5	16QA M	6	0	Low	NV	10	3.91	0.00 5527	±2. 5	PA SS
Band 12	1.4M Hz	2309 5	16QA M	6	0	Low	NV	20	4.02	0.00 5682	±2. 5	PA SS
Band 12	1.4M Hz	2309 5	16QA M	6	0	Low	NV	30	4.09	0.00 5781	±2. 5	PA SS
Band 12	1.4M Hz	2309 5	16QA M	6	0	Low	NV	40	4.53	0.00 6403	±2. 5	PA SS
Band 12	1.4M Hz	2309 5	16QA M	6	0	Low	NV	50	4.32	0.00 6106	±2. 5	PA SS
Band 12	3MHz	2309 5	QPSK	6	0	Low	NV	-30	9.54	0.01 3484	±2. 5	PA SS
Band 12	3MHz	2309 5	QPSK	6	0	Low	NV	-20	9.94	0.01 4049	±2. 5	PA SS
Band 12	3MHz	2309 5	QPSK	6	0	Low	NV	-10	9.90	0.01 3993	±2. 5	PA SS
Band 12	3MHz	2309 5	QPSK	6	0	Low	NV	0	9.73	0.01 3753	±2. 5	PA SS
Band 12	3MHz	2309 5	QPSK	6	0	Low	NV	10	9.26	0.01 3088	±2. 5	PA SS
Band 12	3MHz	2309 5	QPSK	6	0	Low	NV	20	9.13	0.01 2905	±2. 5	PA SS
Band 12	3MHz	2309 5	QPSK	6	0	Low	NV	30	10.5 3	0.01 4883	±2. 5	PA SS
Band 12	3MHz	2309 5	QPSK	6	0	Low	NV	40	10.4 0	0.01 4700	±2. 5	PA SS
Band 12	3MHz	2309 5	QPSK	6	0	Low	NV	50	9.36	0.01 3230	±2. 5	PA SS
Band 12	3MHz	2309 5	16QA M	6	0	Low	NV	-30	9.96	0.01 4078	±2. 5	PA SS
Band 12	3MHz	2309 5	16QA M	6	0	Low	NV	-20	9.80	0.01 3852	±2. 5	PA SS
Band 12	3MHz	2309 5	16QA M	6	0	Low	NV	-10	10.0 3	0.01 4177	±2. 5	PA SS
Band 12	3MHz	2309 5	16QA M	6	0	Low	NV	0	10.0 6	0.01 4219	±2. 5	PA SS
Band 12	3MHz	2309 5	16QA M	6	0	Low	NV	10	9.70	0.01 3710	±2. 5	PA SS
Band 12	3MHz	2309 5	16QA M	6	0	Low	NV	20	9.50	0.01 3428	±2. 5	PA SS
Band	3MHz	2309	16QA	6	0	Low	NV	30	-12.9	-0.01	±2.	PA

12		5	M						2	8261	5	SS
Band 12	3MHz	2309 5	16QA M	6	0	Low	NV	40	9.80	0.01 3852	±2. 5	PA SS
Band 12	3MHz	2309 5	16QA M	6	0	Low	NV	50	9.57	0.01 3527	±2. 5	PA SS
Band 12	5MHz	2309 5	QPSK	6	0	Low	NV	-30	4.31	0.00 6092	±2. 5	PA SS
Band 12	5MHz	2309 5	QPSK	6	0	Low	NV	-20	4.39	0.00 6205	±2. 5	PA SS
Band 12	5MHz	2309 5	QPSK	6	0	Low	NV	-10	4.21	0.00 5951	±2. 5	PA SS
Band 12	5MHz	2309 5	QPSK	6	0	Low	NV	0	4.65	0.00 6572	±2. 5	PA SS
Band 12	5MHz	2309 5	QPSK	6	0	Low	NV	10	3.72	0.00 5258	±2. 5	PA SS
Band 12	5MHz	2309 5	QPSK	6	0	Low	NV	20	4.39	0.00 6205	±2. 5	PA SS
Band 12	5MHz	2309 5	QPSK	6	0	Low	NV	30	4.71	0.00 6657	±2. 5	PA SS
Band 12	5MHz	2309 5	QPSK	6	0	Low	NV	40	3.12	0.00 4410	±2. 5	PA SS
Band 12	5MHz	2309 5	QPSK	6	0	Low	NV	50	3.60	0.00 5088	±2. 5	PA SS
Band 12	5MHz	2309 5	16QA M	6	0	Low	NV	-30	3.59	0.00 5074	±2. 5	PA SS
Band 12	5MHz	2309 5	16QA M	6	0	Low	NV	-20	3.15	0.00 4452	±2. 5	PA SS
Band 12	5MHz	2309 5	16QA M	6	0	Low	NV	-10	3.06	0.00 4325	±2. 5	PA SS
Band 12	5MHz	2309 5	16QA M	6	0	Low	NV	0	3.71	0.00 5244	±2. 5	PA SS
Band 12	5MHz	2309 5	16QA M	6	0	Low	NV	10	3.48	0.00 4919	±2. 5	PA SS
Band 12	5MHz	2309 5	16QA M	6	0	Low	NV	20	3.91	0.00 5527	±2. 5	PA SS
Band 12	5MHz	2309 5	16QA M	6	0	Low	NV	30	4.32	0.00 6106	±2. 5	PA SS
Band 12	5MHz	2309 5	16QA M	6	0	Low	NV	40	3.89	0.00 5498	±2. 5	PA SS
Band 12	5MHz	2309 5	16QA M	6	0	Low	NV	50	3.43	0.00 4848	±2. 5	PA SS

Band 12	10MH z	2309 5	QPSK	6	0	Low	NV	-30	-3.69	-0.00 5216	±2. 5	PA SS
Band 12	10MH z	2309 5	QPSK	6	0	Low	NV	-20	-3.33	-0.00 4707	±2. 5	PA SS
Band 12	10MH z	2309 5	QPSK	6	0	Low	NV	-10	-3.50	-0.00 4947	±2. 5	PA SS
Band 12	10MH z	2309 5	QPSK	6	0	Low	NV	0	-3.22	-0.00 4551	±2. 5	PA SS
Band 12	10MH z	2309 5	QPSK	6	0	Low	NV	10	-4.11	-0.00 5809	±2. 5	PA SS
Band 12	10MH z	2309 5	QPSK	6	0	Low	NV	20	-3.33	-0.00 4707	±2. 5	PA SS
Band 12	10MH z	2309 5	QPSK	6	0	Low	NV	30	-3.46	-0.00 4890	±2. 5	PA SS
Band 12	10MH z	2309 5	QPSK	6	0	Low	NV	40	-3.71	-0.00 5244	±2. 5	PA SS
Band 12	10MH z	2309 5	QPSK	6	0	Low	NV	50	-3.39	-0.00 4792	±2. 5	PA SS
Band 12	10MH z	2309 5	16QA M	6	0	Low	NV	-30	-2.72	-0.00 3845	±2. 5	PA SS
Band 12	10MH z	2309 5	16QA M	6	0	Low	NV	-20	-3.06	-0.00 4325	±2. 5	PA SS
Band 12	10MH z	2309 5	16QA M	6	0	Low	NV	-10	-2.95	-0.00 4170	±2. 5	PA SS
Band 12	10MH z	2309 5	16QA M	6	0	Low	NV	0	-2.68	-0.00 3788	±2. 5	PA SS
Band 12	10MH z	2309 5	16QA M	6	0	Low	NV	10	-3.16	-0.00 4466	±2. 5	PA SS
Band 12	10MH z	2309 5	16QA M	6	0	Low	NV	20	-3.03	-0.00 4283	±2. 5	PA SS
Band 12	10MH z	2309 5	16QA M	6	0	Low	NV	30	-3.43	-0.00 4848	±2. 5	PA SS
Band 12	10MH z	2309 5	16QA M	6	0	Low	NV	40	-3.22	-0.00 4551	±2. 5	PA SS
Band 12	10MH z	2309 5	16QA M	6	0	Low	NV	50	-2.62	-0.00 3703	±2. 5	PA SS
Band 12	1.4M Hz	2317 3	QPSK	6	0	High	NV	-30	-4.12	-0.00 5760	±2. 5	PA SS
Band 12	1.4M Hz	2317 3	QPSK	6	0	High	NV	-20	-3.91	-0.00 5466	±2. 5	PA SS
Band 12	1.4M Hz	2317 3	QPSK	6	0	High	NV	-10	-4.35	-0.00 5760	±2. 5	PA SS

12	Hz	3								6081	5	SS
Band 12	1.4M Hz	2317 3	QPSK	6	0	High	NV	0	-4.63	-0.00 6473	±2. 5	PA SS
Band 12	1.4M Hz	2317 3	QPSK	6	0	High	NV	10	-4.42	-0.00 6179	±2. 5	PA SS
Band 12	1.4M Hz	2317 3	QPSK	6	0	High	NV	20	-3.91	-0.00 5466	±2. 5	PA SS
Band 12	1.4M Hz	2317 3	QPSK	6	0	High	NV	30	-3.75	-0.00 5243	±2. 5	PA SS
Band 12	1.4M Hz	2317 3	QPSK	6	0	High	NV	40	-4.15	-0.00 5802	±2. 5	PA SS
Band 12	1.4M Hz	2317 3	QPSK	6	0	High	NV	50	-4.12	-0.00 5760	±2. 5	PA SS
Band 12	1.4M Hz	2317 3	16QA M	6	0	High	NV	-30	-4.11	-0.00 5746	±2. 5	PA SS
Band 12	1.4M Hz	2317 3	16QA M	6	0	High	NV	-20	-4.36	-0.00 6095	±2. 5	PA SS
Band 12	1.4M Hz	2317 3	16QA M	6	0	High	NV	-10	-4.75	-0.00 6641	±2. 5	PA SS
Band 12	1.4M Hz	2317 3	16QA M	6	0	High	NV	0	-4.29	-0.00 5997	±2. 5	PA SS
Band 12	1.4M Hz	2317 3	16QA M	6	0	High	NV	10	-4.21	-0.00 5886	±2. 5	PA SS
Band 12	1.4M Hz	2317 3	16QA M	6	0	High	NV	20	-4.45	-0.00 6221	±2. 5	PA SS
Band 12	1.4M Hz	2317 3	16QA M	6	0	High	NV	30	-4.41	-0.00 6165	±2. 5	PA SS
Band 12	1.4M Hz	2317 3	16QA M	6	0	High	NV	40	-4.52	-0.00 6319	±2. 5	PA SS
Band 12	1.4M Hz	2317 3	16QA M	6	0	High	NV	50	-4.38	-0.00 6123	±2. 5	PA SS
Band 12	3MHz	2316 5	QPSK	6	0	High	NV	-30	-4.71	-0.00 6592	±2. 5	PA SS
Band 12	3MHz	2316 5	QPSK	6	0	High	NV	-20	-5.32	-0.00 7446	±2. 5	PA SS
Band 12	3MHz	2316 5	QPSK	6	0	High	NV	-10	-4.82	-0.00 6746	±2. 5	PA SS
Band 12	3MHz	2316 5	QPSK	6	0	High	NV	0	-4.76	-0.00 6662	±2. 5	PA SS
Band 12	3MHz	2316 5	QPSK	6	0	High	NV	10	-4.94	-0.00 6914	±2. 5	PA SS

Band 12	3MHz	2316 5	QPSK	6	0	High	NV	20	-4.53	-0.00 6340	±2. 5	PA SS
Band 12	3MHz	2316 5	QPSK	6	0	High	NV	30	-4.72	-0.00 6606	±2. 5	PA SS
Band 12	3MHz	2316 5	QPSK	6	0	High	NV	40	-5.34	-0.00 7474	±2. 5	PA SS
Band 12	3MHz	2316 5	QPSK	6	0	High	NV	50	-4.96	-0.00 6942	±2. 5	PA SS
Band 12	3MHz	2316 5	16QA M	6	0	High	NV	-30	-5.36	-0.00 7502	±2. 5	PA SS
Band 12	3MHz	2316 5	16QA M	6	0	High	NV	-20	-4.96	-0.00 6942	±2. 5	PA SS
Band 12	3MHz	2316 5	16QA M	6	0	High	NV	-10	-4.42	-0.00 6186	±2. 5	PA SS
Band 12	3MHz	2316 5	16QA M	6	0	High	NV	0	-5.49	-0.00 7684	±2. 5	PA SS
Band 12	3MHz	2316 5	16QA M	6	0	High	NV	10	-5.09	-0.00 7124	±2. 5	PA SS
Band 12	3MHz	2316 5	16QA M	6	0	High	NV	20	-4.96	-0.00 6942	±2. 5	PA SS
Band 12	3MHz	2316 5	16QA M	6	0	High	NV	30	-4.53	-0.00 6340	±2. 5	PA SS
Band 12	3MHz	2316 5	16QA M	6	0	High	NV	40	-4.98	-0.00 6970	±2. 5	PA SS
Band 12	3MHz	2316 5	16QA M	6	0	High	NV	50	-4.88	-0.00 6830	±2. 5	PA SS
Band 12	5MHz	2315 5	QPSK	6	0	High	NV	-30	5.82	0.00 8157	±2. 5	PA SS
Band 12	5MHz	2315 5	QPSK	6	0	High	NV	-20	6.44	0.00 9026	±2. 5	PA SS
Band 12	5MHz	2315 5	QPSK	6	0	High	NV	-10	5.22	0.00 7316	±2. 5	PA SS
Band 12	5MHz	2315 5	QPSK	6	0	High	NV	0	5.54	0.00 7765	±2. 5	PA SS
Band 12	5MHz	2315 5	QPSK	6	0	High	NV	10	5.89	0.00 8255	±2. 5	PA SS
Band 12	5MHz	2315 5	QPSK	6	0	High	NV	20	5.64	0.00 7905	±2. 5	PA SS
Band 12	5MHz	2315 5	QPSK	6	0	High	NV	30	5.89	0.00 8255	±2. 5	PA SS
Band 12	5MHz	2315	QPSK	6	0	High	NV	40	5.61	0.00	±2.	PA

12		5								7863	5	SS
Band 12	5MHz	2315 5	QPSK	6	0	High	NV	50	5.12	0.00 7176	±2. 5	PA SS
Band 12	5MHz	2315 5	16QA M	6	0	High	NV	-30	5.42	0.00 7596	±2. 5	PA SS
Band 12	5MHz	2315 5	16QA M	6	0	High	NV	-20	4.78	0.00 6699	±2. 5	PA SS
Band 12	5MHz	2315 5	16QA M	6	0	High	NV	-10	5.71	0.00 8003	±2. 5	PA SS
Band 12	5MHz	2315 5	16QA M	6	0	High	NV	0	5.82	0.00 8157	±2. 5	PA SS
Band 12	5MHz	2315 5	16QA M	6	0	High	NV	10	5.82	0.00 8157	±2. 5	PA SS
Band 12	5MHz	2315 5	16QA M	6	0	High	NV	20	5.08	0.00 7120	±2. 5	PA SS
Band 12	5MHz	2315 5	16QA M	6	0	High	NV	30	5.79	0.00 8115	±2. 5	PA SS
Band 12	5MHz	2315 5	16QA M	6	0	High	NV	40	5.97	0.00 8367	±2. 5	PA SS
Band 12	5MHz	2315 5	16QA M	6	0	High	NV	50	5.29	0.00 7414	±2. 5	PA SS
Band 12	10MH z	2313 0	QPSK	6	0	High	NV	-30	10.1 9	0.01 4332	±2. 5	PA SS
Band 12	10MH z	2313 0	QPSK	6	0	High	NV	-20	10.2 4	0.01 4402	±2. 5	PA SS
Band 12	10MH z	2313 0	QPSK	6	0	High	NV	-10	9.56	0.01 3446	±2. 5	PA SS
Band 12	10MH z	2313 0	QPSK	6	0	High	NV	0	9.48	0.01 3333	±2. 5	PA SS
Band 12	10MH z	2313 0	QPSK	6	0	High	NV	10	9.68	0.01 3615	±2. 5	PA SS
Band 12	10MH z	2313 0	QPSK	6	0	High	NV	20	9.61	0.01 3516	±2. 5	PA SS
Band 12	10MH z	2313 0	QPSK	6	0	High	NV	30	9.57	0.01 3460	±2. 5	PA SS
Band 12	10MH z	2313 0	QPSK	6	0	High	NV	40	9.54	0.01 3418	±2. 5	PA SS
Band 12	10MH z	2313 0	QPSK	6	0	High	NV	50	9.36	0.01 3165	±2. 5	PA SS
Band 12	10MH z	2313 0	16QA M	6	0	High	NV	-30	9.60	0.01 3502	±2. 5	PA SS

Band 12	10MH z	2313 0	16QA M	6	0	High	NV	-20	9.64	0.01 3558	±2. 5	PA SS
Band 12	10MH z	2313 0	16QA M	6	0	High	NV	-10	8.83	0.01 2419	±2. 5	PA SS
Band 12	10MH z	2313 0	16QA M	6	0	High	NV	0	9.16	0.01 2883	±2. 5	PA SS
Band 12	10MH z	2313 0	16QA M	6	0	High	NV	10	9.43	0.01 3263	±2. 5	PA SS
Band 12	10MH z	2313 0	16QA M	6	0	High	NV	20	9.56	0.01 3446	±2. 5	PA SS
Band 12	10MH z	2313 0	16QA M	6	0	High	NV	30	9.51	0.01 3376	±2. 5	PA SS
Band 12	10MH z	2313 0	16QA M	6	0	High	NV	40	10.5 3	0.01 4810	±2. 5	PA SS
Band 12	10MH z	2313 0	16QA M	6	0	High	NV	50	9.56	0.01 3446	±2. 5	PA SS

*** End of Report ***