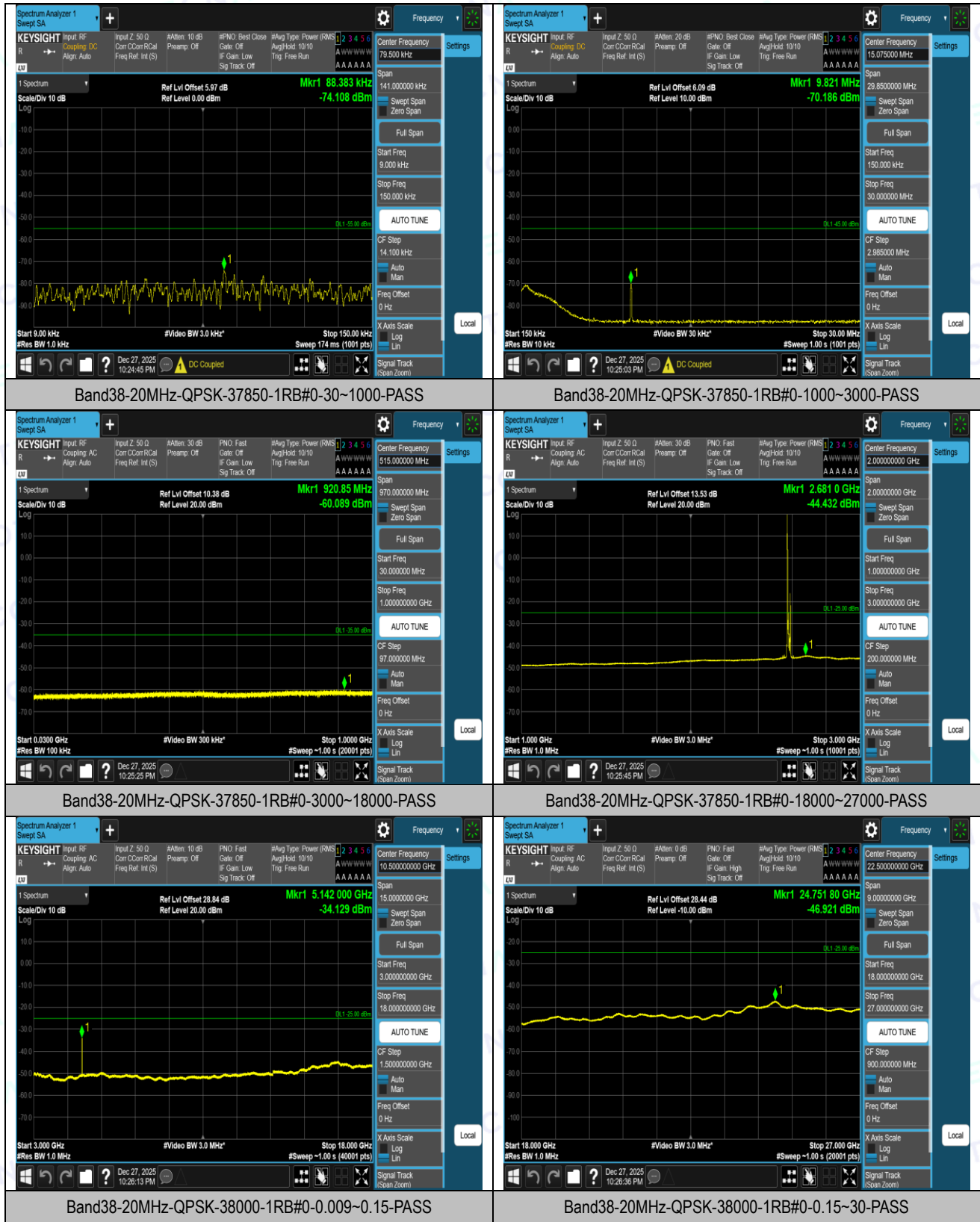
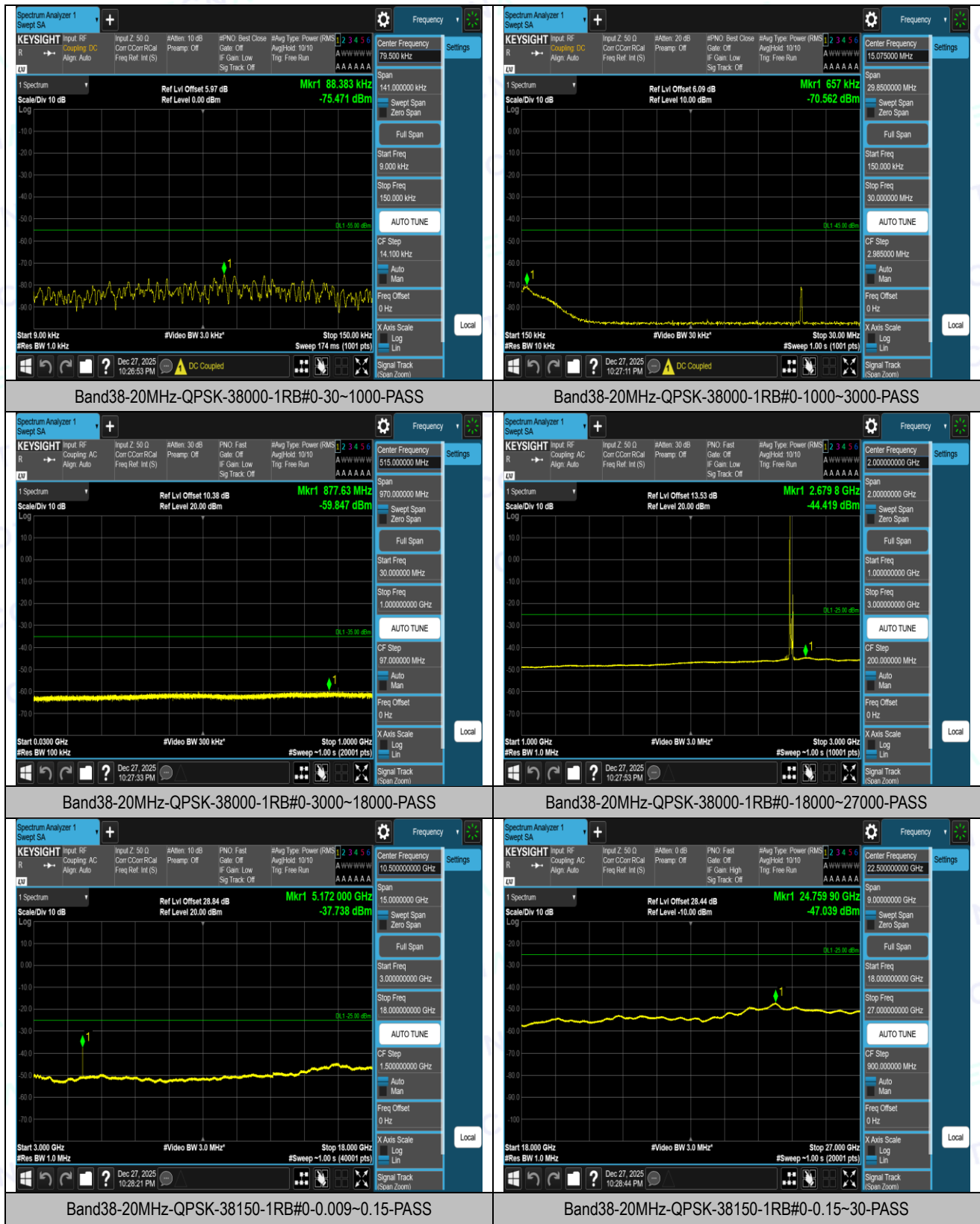
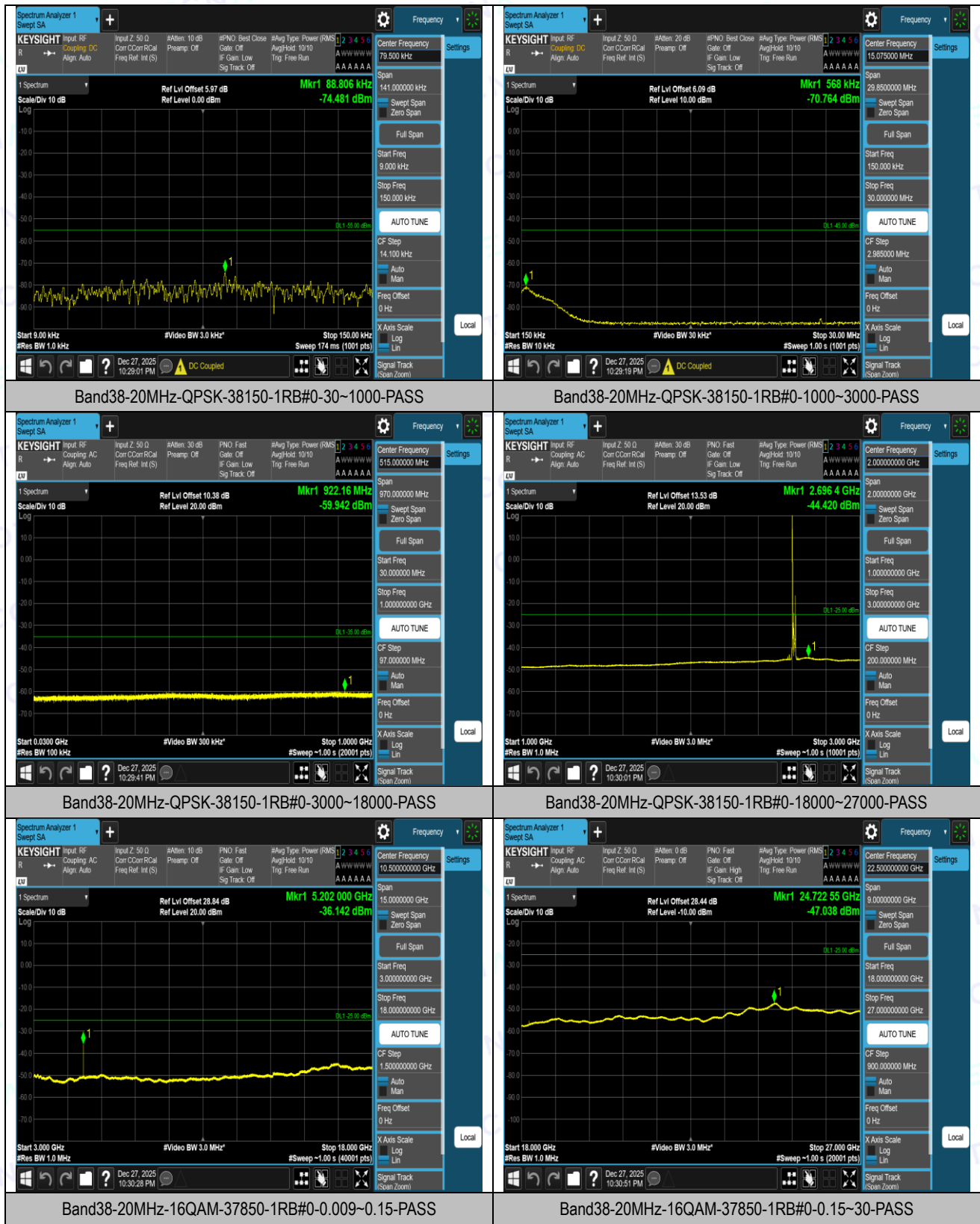
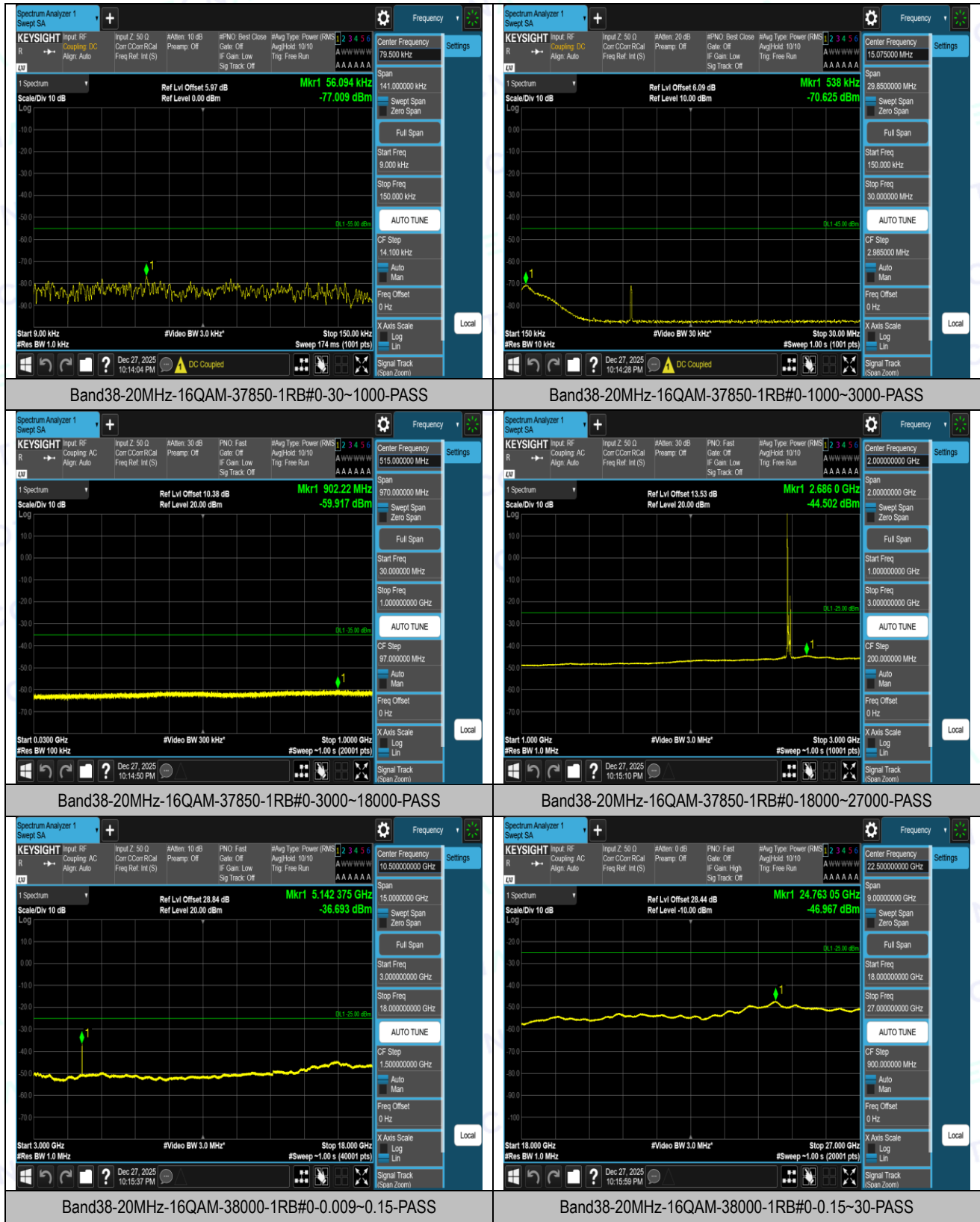
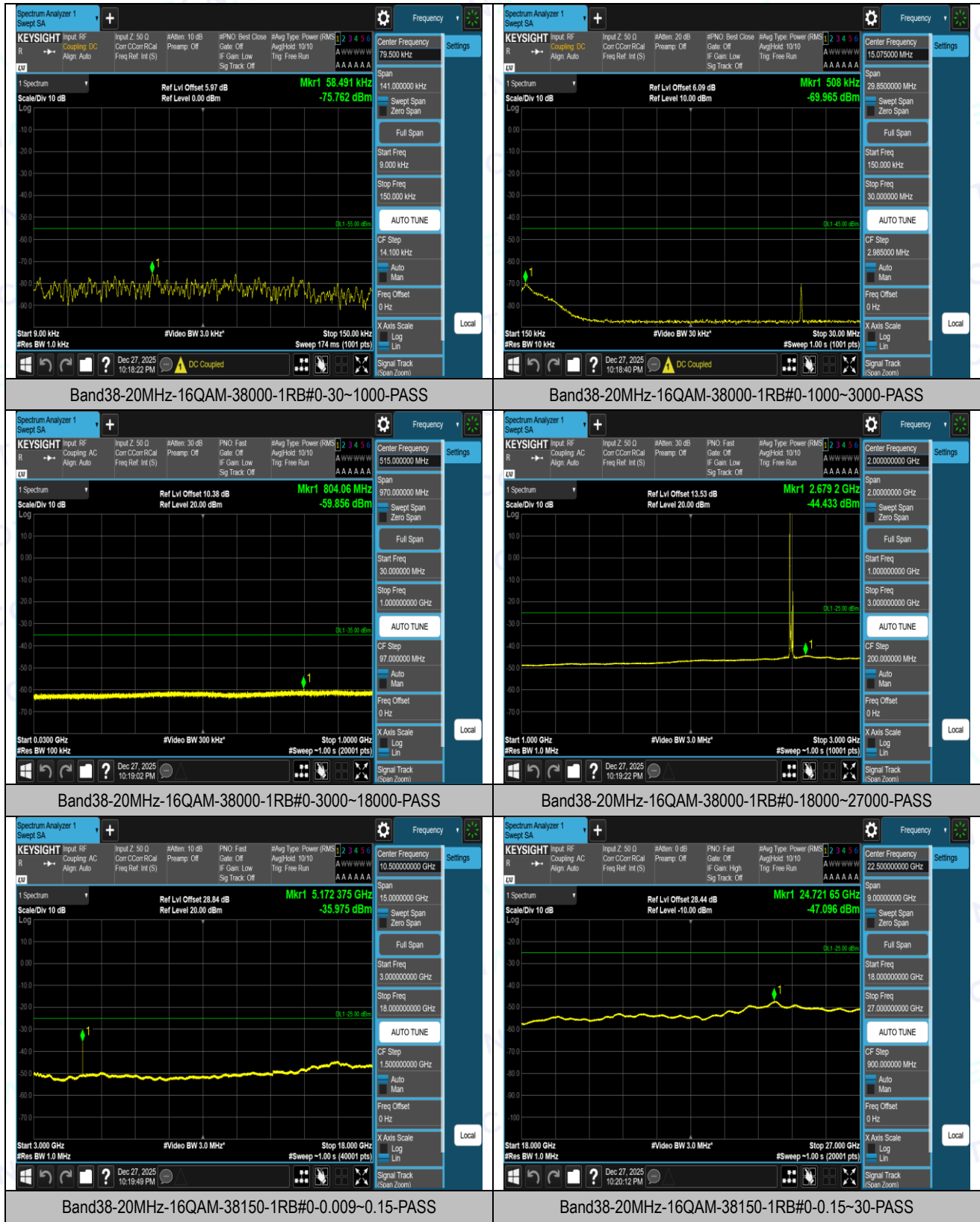


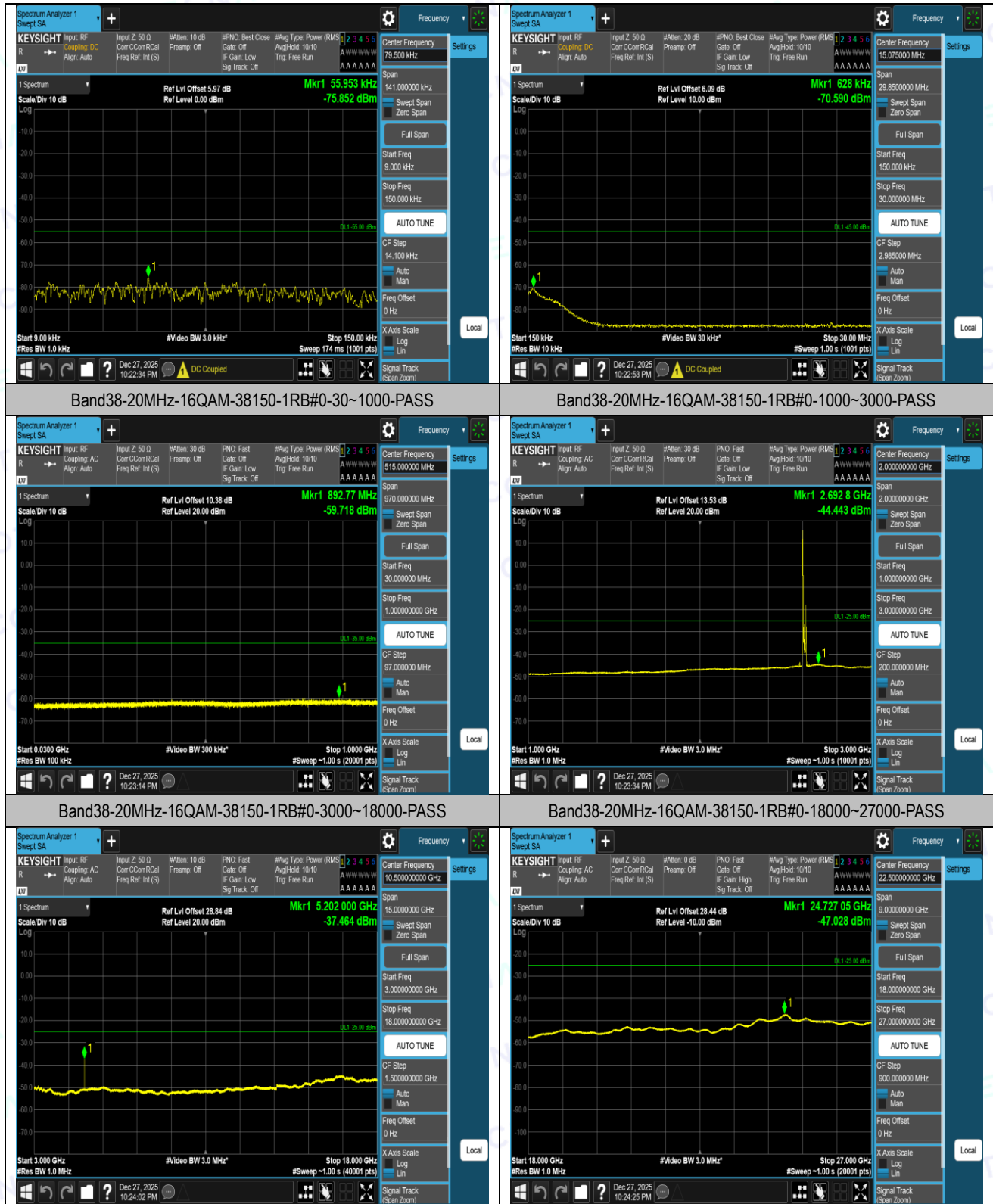












6: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	VN	NT	-10.79	-0.004194	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	VL	NT	-10.41	-0.004047	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	VH	NT	-9.13	-0.003549	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	VN	NT	-13.35	-0.005145	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	VL	NT	-10.24	-0.003946	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	VH	NT	-11.09	-0.004274	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	VN	NT	-15.85	-0.006055	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	VL	NT	-10.20	-0.003897	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	VH	NT	-7.54	-0.002881	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	VN	NT	7.87	0.003059	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	VL	NT	-7.84	-0.003048	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	VH	NT	-9.91	-0.003852	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	VN	NT	-8.48	-0.003268	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	VL	NT	-9.84	-0.003792	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	VH	NT	-10.64	-0.004100	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	VN	NT	-8.33	-0.003182	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	VL	NT	12.79	0.004886	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	VH	NT	-16.01	-0.006117	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	VN	NT	5.06	0.001965	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	VL	NT	-5.16	-0.002004	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	VH	NT	-9.53	-0.003701	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	VN	NT	-16.55	-0.006378	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	VL	NT	-9.73	-0.003750	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	VH	NT	-10.46	-0.004031	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	VN	NT	-16.04	-0.006134	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	VL	NT	-11.03	-0.004218	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	VH	NT	-7.11	-0.002719	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	VN	NT	-17.85	-0.006925	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	VL	NT	8.11	0.003146	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	VH	NT	8.20	0.003181	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	VN	NT	-13.88	-0.005349	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	VL	NT	-9.57	-0.003688	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	VH	NT	-8.94	-0.003445	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	VN	NT	-14.06	-0.005382	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	VL	NT	-12.77	-0.004888	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	VH	NT	-9.68	-0.003705	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VN	NT	-8.77	-0.003399	±2.5	PASS

Band38	20MHz	QPSK	37850	100RB#0	VL	NT	-6.69	-0.002593	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VH	NT	6.35	0.002461	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VN	NT	-16.79	-0.006470	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VL	NT	-12.09	-0.004659	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VH	NT	-9.54	-0.003676	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VN	NT	-16.39	-0.006280	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VL	NT	-9.93	-0.003805	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VH	NT	-11.59	-0.004441	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	NV	-30	4.68	0.001819	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	-20	7.72	0.003001	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	-10	9.88	0.003841	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	0	8.30	0.003226	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	10	5.71	0.002220	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	20	-10.64	-0.004136	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	30	9.23	0.003588	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	40	8.71	0.003386	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	50	-6.97	-0.002709	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	-30	-6.82	-0.002628	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	-20	-9.06	-0.003491	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	-10	-5.29	-0.002039	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	0	-4.71	-0.001815	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	10	9.57	0.003688	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	20	-10.34	-0.003985	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	30	-4.23	-0.001630	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	40	-5.59	-0.002154	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	50	12.83	0.004944	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	-30	-6.04	-0.002308	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	-20	-7.38	-0.002819	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	-10	10.97	0.004191	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	0	-8.37	-0.003198	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	10	-9.58	-0.003660	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	20	7.82	0.002988	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	30	-8.96	-0.003423	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	40	9.31	0.003557	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	50	-10.86	-0.004149	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	-30	-5.76	-0.002239	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	-20	-6.51	-0.002531	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	-10	-5.76	-0.002239	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	0	-7.34	-0.002853	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	10	10.19	0.003961	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	20	-4.61	-0.001792	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	30	-7.64	-0.002970	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	40	-7.62	-0.002962	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	50	-7.47	-0.002904	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	-30	5.62	0.002166	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	-20	-10.04	-0.003869	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	-10	-7.37	-0.002840	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	0	-4.61	-0.001776	±2.5	PASS

Band38	5MHz	16QAM	38000	25RB#0	NV	10	-7.88	-0.003037	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	20	-11.79	-0.004543	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	30	-6.71	-0.002586	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	40	5.54	0.002135	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	50	-8.60	-0.003314	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	-30	-12.56	-0.004798	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	-20	9.26	0.003538	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	-10	-5.97	-0.002281	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	0	-6.95	-0.002655	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	10	-6.24	-0.002384	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	20	-9.06	-0.003461	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	30	-7.32	-0.002797	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	40	-12.25	-0.004680	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	50	11.89	0.004543	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	-30	7.34	0.002850	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	-20	-7.45	-0.002893	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	-10	-5.81	-0.002256	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	0	-10.36	-0.004023	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	10	-7.28	-0.002827	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	20	9.67	0.003755	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	30	7.48	0.002905	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	40	8.70	0.003379	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	50	9.71	0.003771	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	-30	-5.97	-0.002301	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	-20	-10.24	-0.003946	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	-10	-7.93	-0.003056	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	0	-7.01	-0.002701	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	10	-9.21	-0.003549	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	20	-7.87	-0.003033	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	30	9.53	0.003672	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	40	7.77	0.002994	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	50	5.87	0.002262	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	-30	-9.77	-0.003736	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	-20	-9.83	-0.003759	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	-10	-4.94	-0.001889	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	0	-9.86	-0.003771	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	10	-14.42	-0.005514	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	20	-8.48	-0.003243	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	30	-7.90	-0.003021	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	40	6.05	0.002314	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	50	-6.65	-0.002543	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	-30	-7.20	-0.002793	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	-20	-8.40	-0.003259	±2.5	PASS

Band38	15MHz	QPSK	37825	75RB#0	NV	-10	-7.21	-0.002797	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	0	-6.90	-0.002677	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	10	6.32	0.002452	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	20	6.82	0.002646	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	30	7.75	0.003007	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	40	5.84	0.002266	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	50	10.96	0.004252	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	-30	-10.61	-0.004089	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	-20	-8.90	-0.003430	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	-10	13.60	0.005241	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	0	-6.29	-0.002424	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	10	7.61	0.002933	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	20	-9.27	-0.003572	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	30	-7.58	-0.002921	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	40	7.18	0.002767	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	50	-8.24	-0.003175	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	-30	-11.57	-0.004429	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	-20	6.32	0.002419	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	-10	-10.57	-0.004046	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	0	-9.43	-0.003610	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	10	9.77	0.003740	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	20	-11.04	-0.004226	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	30	-9.46	-0.003621	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	40	-7.11	-0.002722	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	50	-13.85	-0.005301	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-30	7.41	0.002872	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-20	12.66	0.004907	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-10	7.52	0.002915	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	0	-7.21	-0.002795	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	10	8.23	0.003190	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	20	9.06	0.003512	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	30	5.06	0.001961	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	40	-5.48	-0.002124	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	50	-8.11	-0.003143	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-30	-5.87	-0.002262	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-20	-5.88	-0.002266	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-10	-10.23	-0.003942	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	0	6.18	0.002382	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	10	-8.63	-0.003326	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	20	-8.64	-0.003329	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	30	5.14	0.001981	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	40	-9.14	-0.003522	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	50	-10.30	-0.003969	±2.5	PASS

Band38	20MHz	QPSK	38150	100RB#0	NV	-30	-11.39	-0.004364	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-20	-9.71	-0.003720	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-10	-14.49	-0.005552	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	0	7.11	0.002724	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	10	-6.62	-0.002536	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	20	9.98	0.003824	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	30	-9.24	-0.003540	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	40	-8.05	-0.003084	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	50	-8.30	-0.003180	±2.5	PASS

-----END OF THE REPORT-----