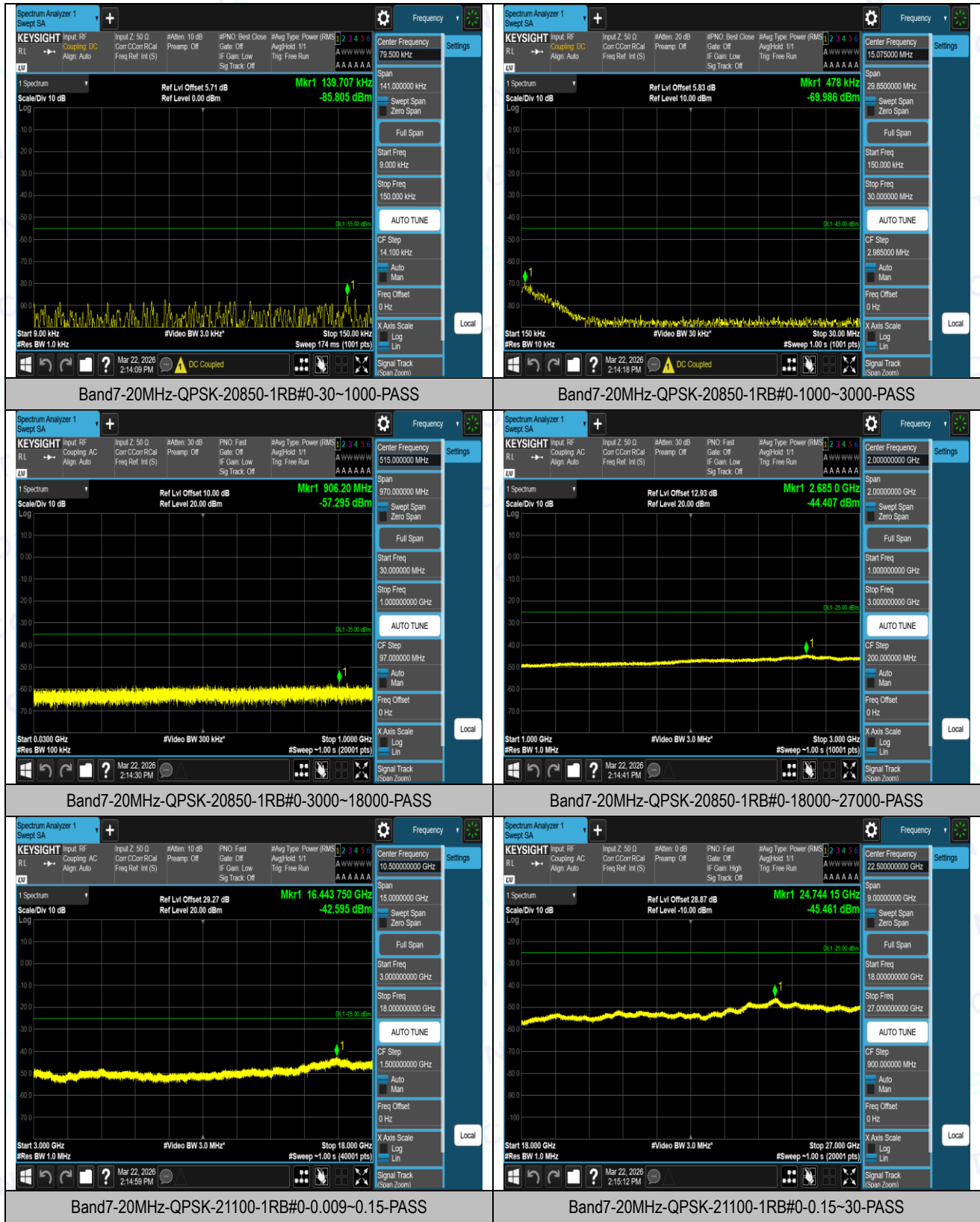
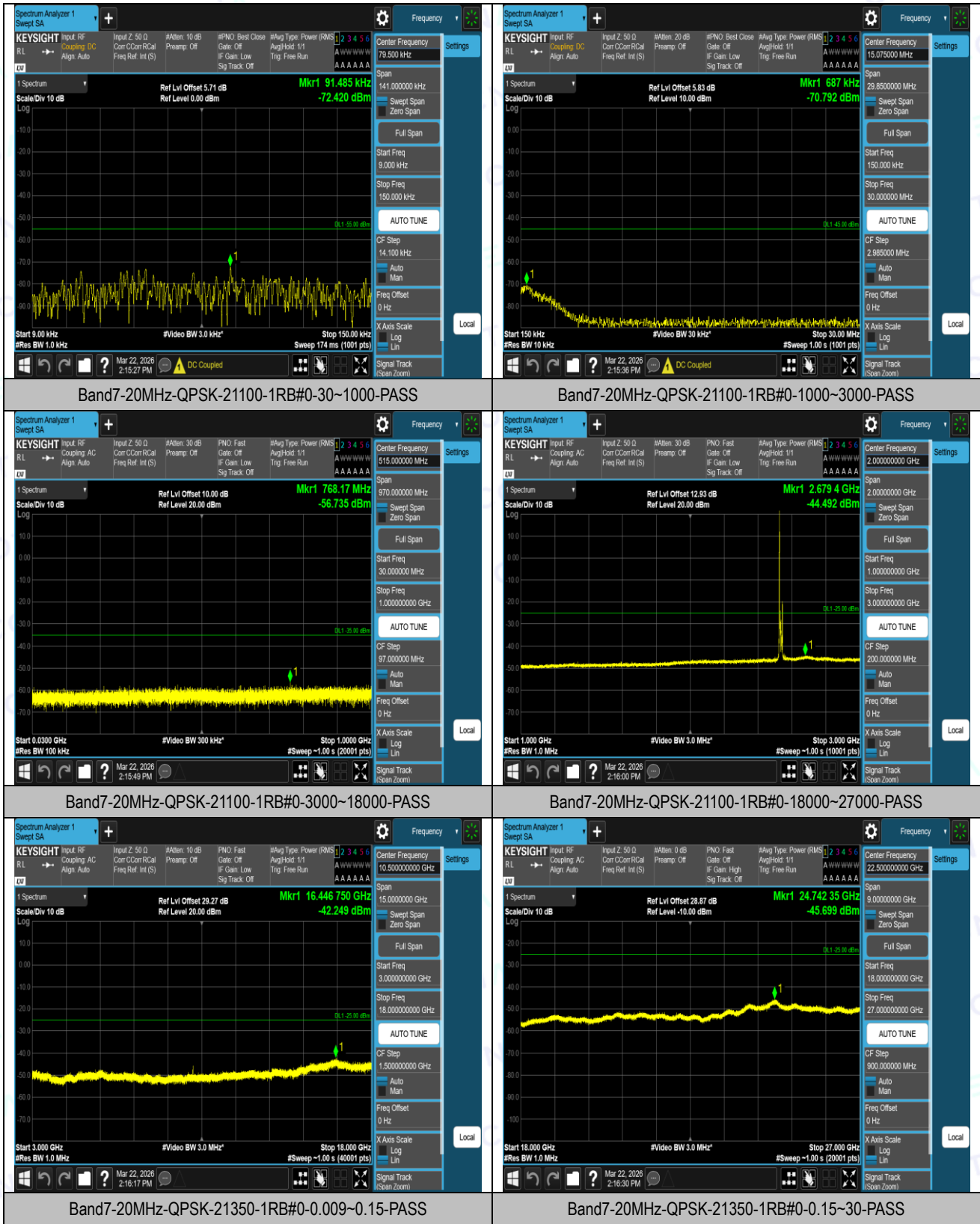
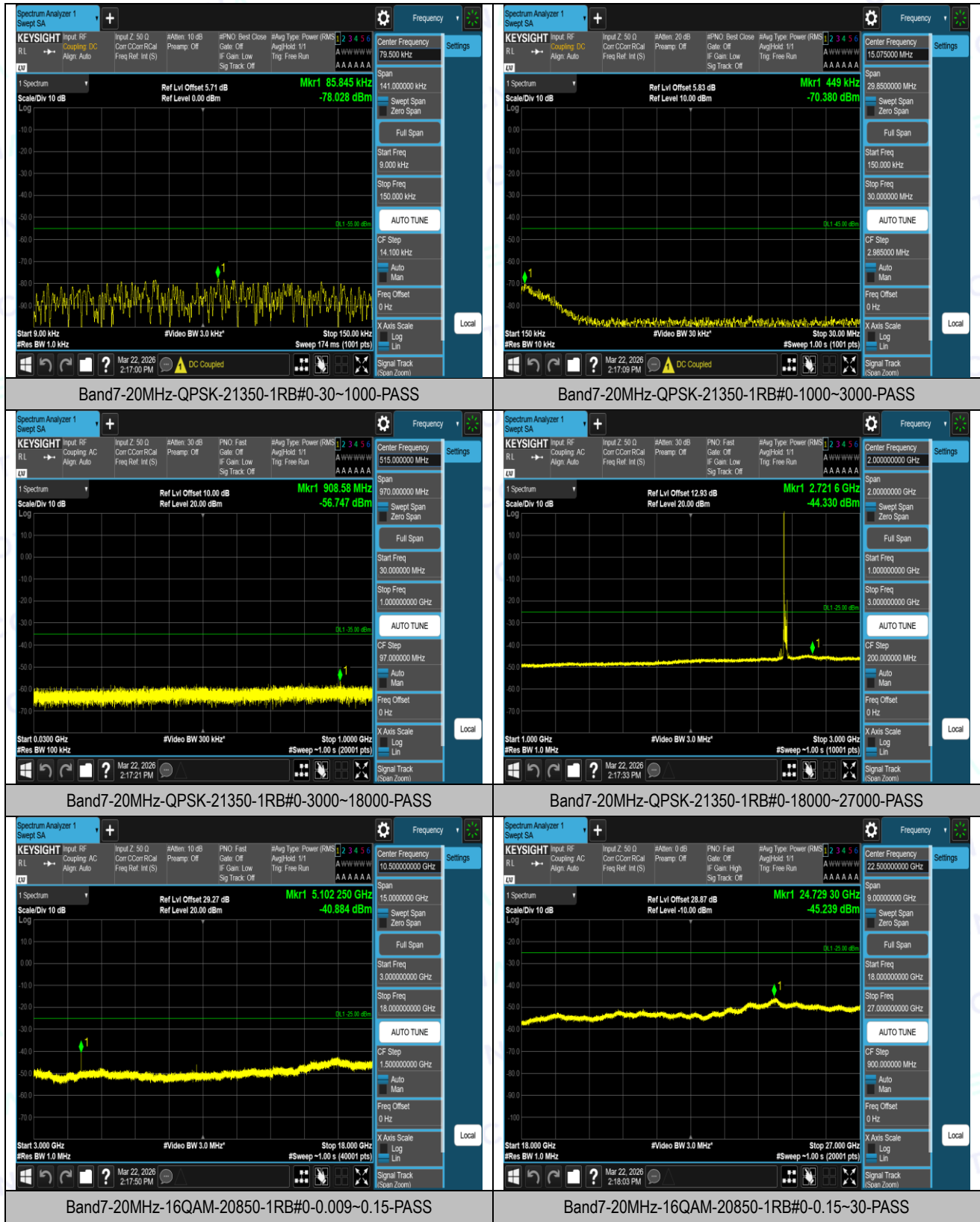
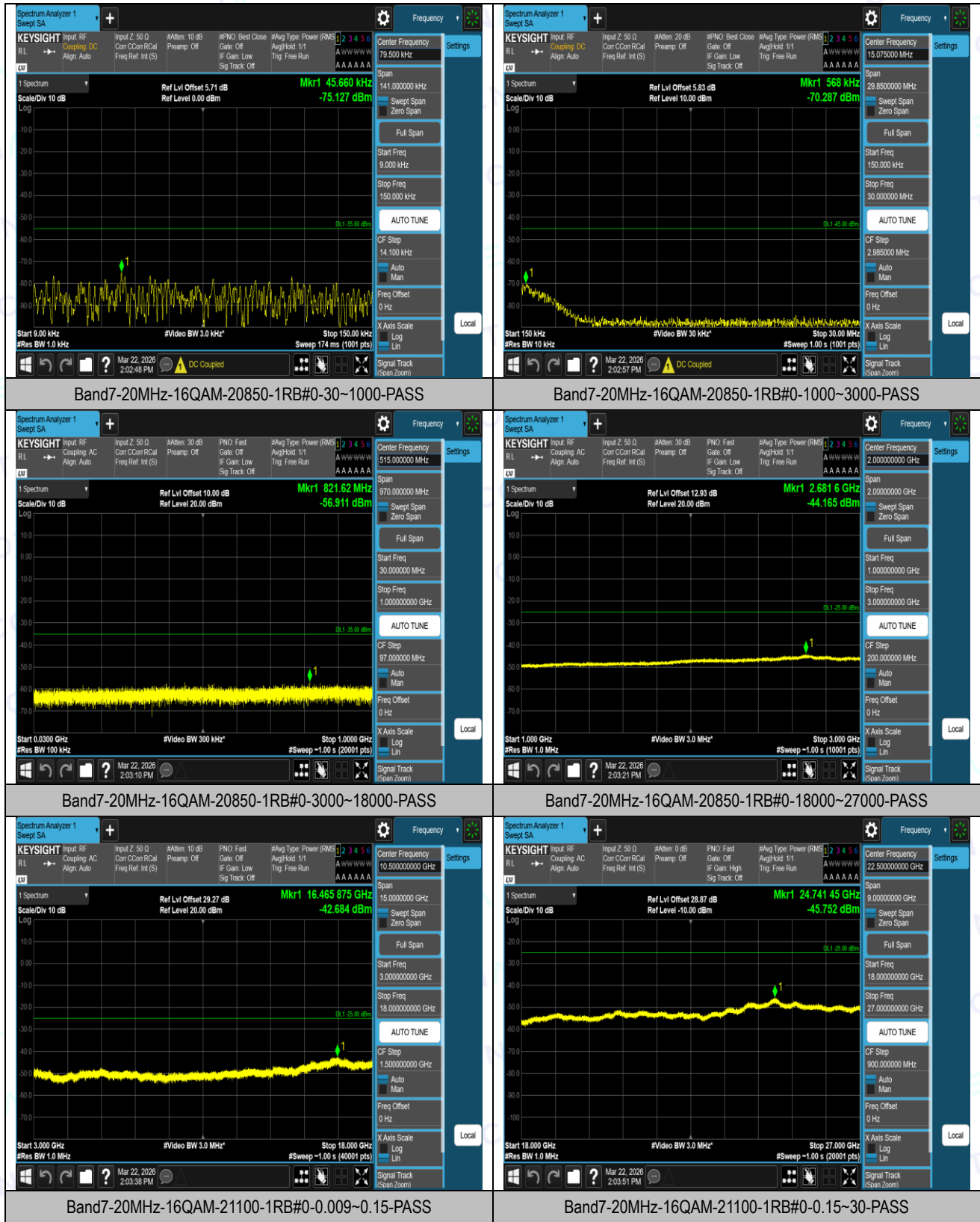
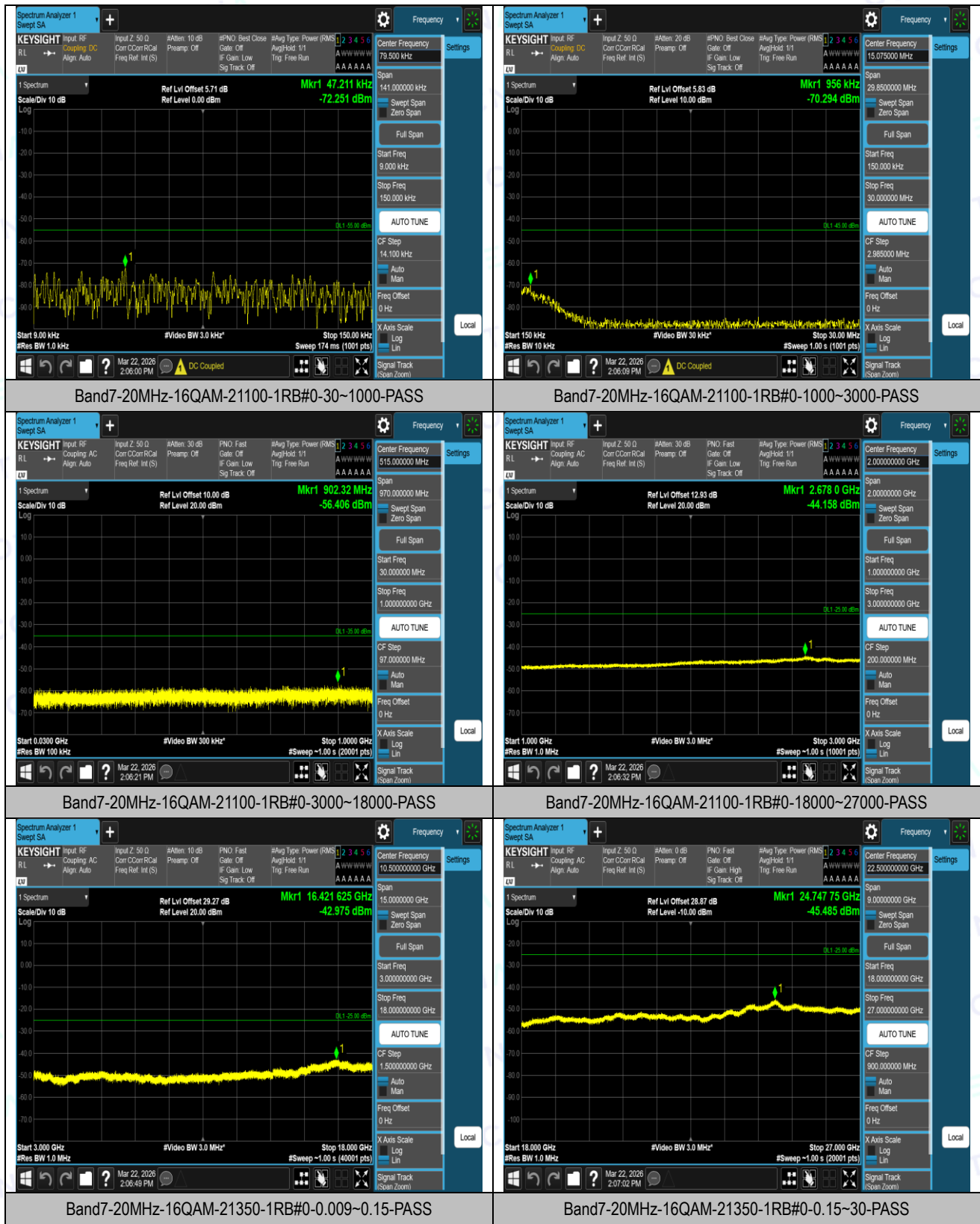


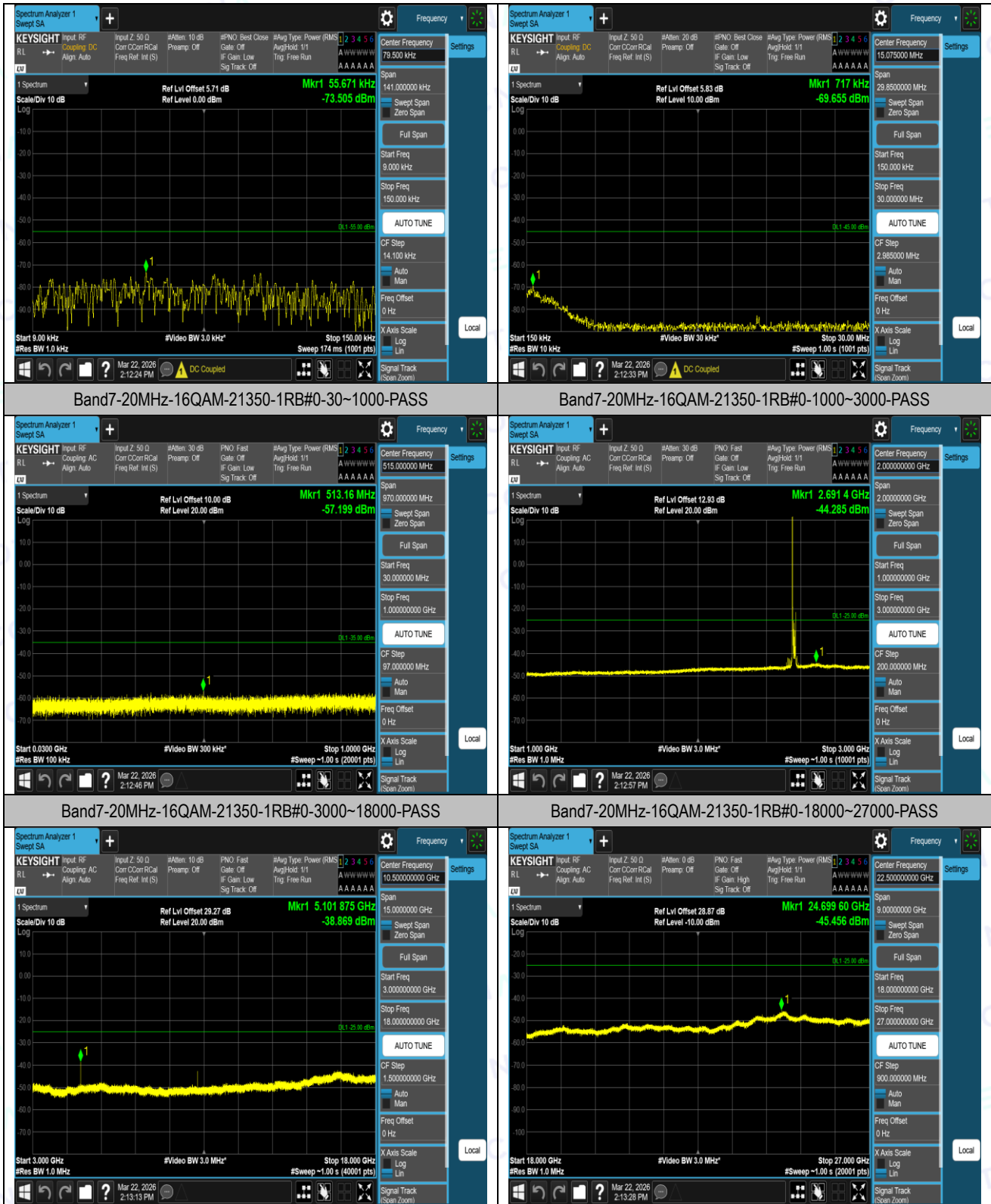












6: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	VN	NT	-26.45	-0.010569	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	VL	NT	-18.28	-0.007305	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	VH	NT	-15.19	-0.006070	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VN	NT	-44.27	-0.017464	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VL	NT	-48.49	-0.019128	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VH	NT	-20.76	-0.008189	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VN	NT	-49.30	-0.019202	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VL	NT	-14.46	-0.005632	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VH	NT	-23.09	-0.008993	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VN	NT	-12.19	-0.004871	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VL	NT	-13.03	-0.005207	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VH	NT	-10.51	-0.004200	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VN	NT	10.10	0.003984	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VL	NT	-7.11	-0.002805	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VH	NT	-26.78	-0.010564	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VN	NT	-10.69	-0.004164	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VL	NT	-9.27	-0.003611	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VH	NT	9.84	0.003833	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VN	NT	-47.45	-0.018942	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VL	NT	-28.47	-0.011365	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VH	NT	-15.46	-0.006172	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VN	NT	-52.69	-0.020785	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VL	NT	-20.89	-0.008241	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VH	NT	-34.19	-0.013487	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VN	NT	-47.86	-0.018659	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VL	NT	-23.22	-0.009053	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VH	NT	-18.64	-0.007267	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	VN	NT	-39.75	-0.015852	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	VL	NT	-25.72	-0.010257	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	VH	NT	-23.15	-0.009232	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	VN	NT	-42.53	-0.016777	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	VL	NT	-61.01	-0.024067	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	VH	NT	-28.65	-0.011302	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	VN	NT	-50.87	-0.019852	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	VL	NT	-28.84	-0.011255	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	VH	NT	-21.17	-0.008261	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VN	NT	-55.05	-0.021932	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VL	NT	-25.32	-0.010088	±2.5	PASS

Band7	20MHz	QPSK	20850	100RB#0	VH	NT	-19.57	-0.007797	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VN	NT	-39.98	-0.015771	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VL	NT	-14.91	-0.005882	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VH	NT	-10.81	-0.004264	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VN	NT	-55.55	-0.021699	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VL	NT	-26.45	-0.010332	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VH	NT	-20.99	-0.008199	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	NV	-30	-8.90	-0.003556	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	-20	-14.81	-0.005918	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	-10	-37.01	-0.014789	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	0	-20.46	-0.008176	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	10	-22.75	-0.009091	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	20	-13.72	-0.005483	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	30	-9.40	-0.003756	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	40	-16.65	-0.006653	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	50	-34.82	-0.013914	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-30	-19.87	-0.007838	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-20	-9.40	-0.003708	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-10	-13.20	-0.005207	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	0	-8.54	-0.003369	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	10	-48.98	-0.019321	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	20	-31.53	-0.012438	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	30	-20.00	-0.007890	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	40	-16.39	-0.006465	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	50	-15.26	-0.006020	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-30	-10.86	-0.004230	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-20	-10.54	-0.004105	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-10	-6.59	-0.002567	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	0	-8.98	-0.003498	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	10	-59.28	-0.023089	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	20	-34.76	-0.013538	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	30	-24.66	-0.009605	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	40	-24.76	-0.009644	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	50	-16.64	-0.006481	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-30	-11.00	-0.004396	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-20	-9.30	-0.003716	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-10	-49.50	-0.019780	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	0	-27.42	-0.010957	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	10	-49.70	-0.019860	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	20	-57.11	-0.022821	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	30	-34.72	-0.013874	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	40	-20.66	-0.008256	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	50	-16.72	-0.006681	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-30	-20.94	-0.008260	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-20	-9.60	-0.003787	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-10	-11.90	-0.004694	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	0	-11.47	-0.004525	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	10	-40.51	-0.015980	±2.5	PASS

Band7	5MHz	16QAM	21100	25RB#0	NV	20	-37.29	-0.014710	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	30	-20.44	-0.008063	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	40	-19.51	-0.007696	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	50	-15.79	-0.006229	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-30	5.29	0.002060	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-20	6.48	0.002524	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-10	-9.83	-0.003829	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	0	-20.76	-0.008086	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	10	-13.42	-0.005227	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	20	-7.75	-0.003019	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	30	-16.05	-0.006251	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	40	9.01	0.003509	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	50	-44.19	-0.017211	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-30	-16.48	-0.006579	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-20	-30.20	-0.012056	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-10	-11.43	-0.004563	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	0	-13.15	-0.005250	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	10	-12.25	-0.004890	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	20	-9.53	-0.003804	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	30	-50.20	-0.020040	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	40	-24.28	-0.009693	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	50	-25.13	-0.010032	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-30	-21.50	-0.008481	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-20	-13.92	-0.005491	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-10	-14.61	-0.005763	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	0	-12.79	-0.005045	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	10	-10.87	-0.004288	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	20	-58.92	-0.023243	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	30	-35.09	-0.013842	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	40	-59.92	-0.023637	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	50	-26.24	-0.010351	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-30	-13.72	-0.005349	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-20	-19.10	-0.007446	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-10	-42.43	-0.016542	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	0	-15.91	-0.006203	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	10	-14.39	-0.005610	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	20	-11.62	-0.004530	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	30	-9.47	-0.003692	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	40	-50.81	-0.019809	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	50	-61.63	-0.024027	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-30	-53.40	-0.021296	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-20	-52.13	-0.020790	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-10	-24.22	-0.009659	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	0	-26.42	-0.010536	±2.5	PASS

Band7	15MHz	QPSK	20825	75RB#0	NV	10	-17.38	-0.006931	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	20	-13.46	-0.005368	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	30	-27.82	-0.011095	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	40	-19.04	-0.007593	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	50	-10.50	-0.004187	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-30	-14.41	-0.005684	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-20	-11.67	-0.004604	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-10	-13.93	-0.005495	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	0	-8.07	-0.003183	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	10	-28.02	-0.011053	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	20	-22.03	-0.008690	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	30	-15.15	-0.005976	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	40	13.38	0.005278	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	50	-11.42	-0.004505	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-30	-17.61	-0.006872	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-20	-19.35	-0.007551	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-10	-16.89	-0.006591	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	0	-33.62	-0.013120	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	10	-11.01	-0.004297	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	20	-7.00	-0.002732	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	30	-14.92	-0.005822	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	40	-9.03	-0.003524	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	50	-52.89	-0.020640	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-30	-16.92	-0.006741	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-20	-53.52	-0.021323	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-10	-30.28	-0.012064	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	0	-17.07	-0.006801	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	10	-17.48	-0.006964	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	20	-18.21	-0.007255	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	30	-9.84	-0.003920	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	40	-7.88	-0.003139	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	50	-10.59	-0.004219	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-30	9.10	0.003590	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-20	-13.72	-0.005412	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-10	13.78	0.005436	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	0	8.54	0.003369	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	10	10.11	0.003988	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	20	-13.69	-0.005400	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	30	10.87	0.004288	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	40	-43.73	-0.017250	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	50	-45.56	-0.017972	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-30	-11.09	-0.004332	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-20	-24.43	-0.009543	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-10	-14.55	-0.005684	±2.5	PASS

Band7	20MHz	QPSK	21350	100RB#0	NV	0	-10.87	-0.004246	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	10	-9.56	-0.003734	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	20	-8.68	-0.003391	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	30	-54.09	-0.021129	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	40	-32.16	-0.012563	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	50	-53.22	-0.020789	±2.5	PASS

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