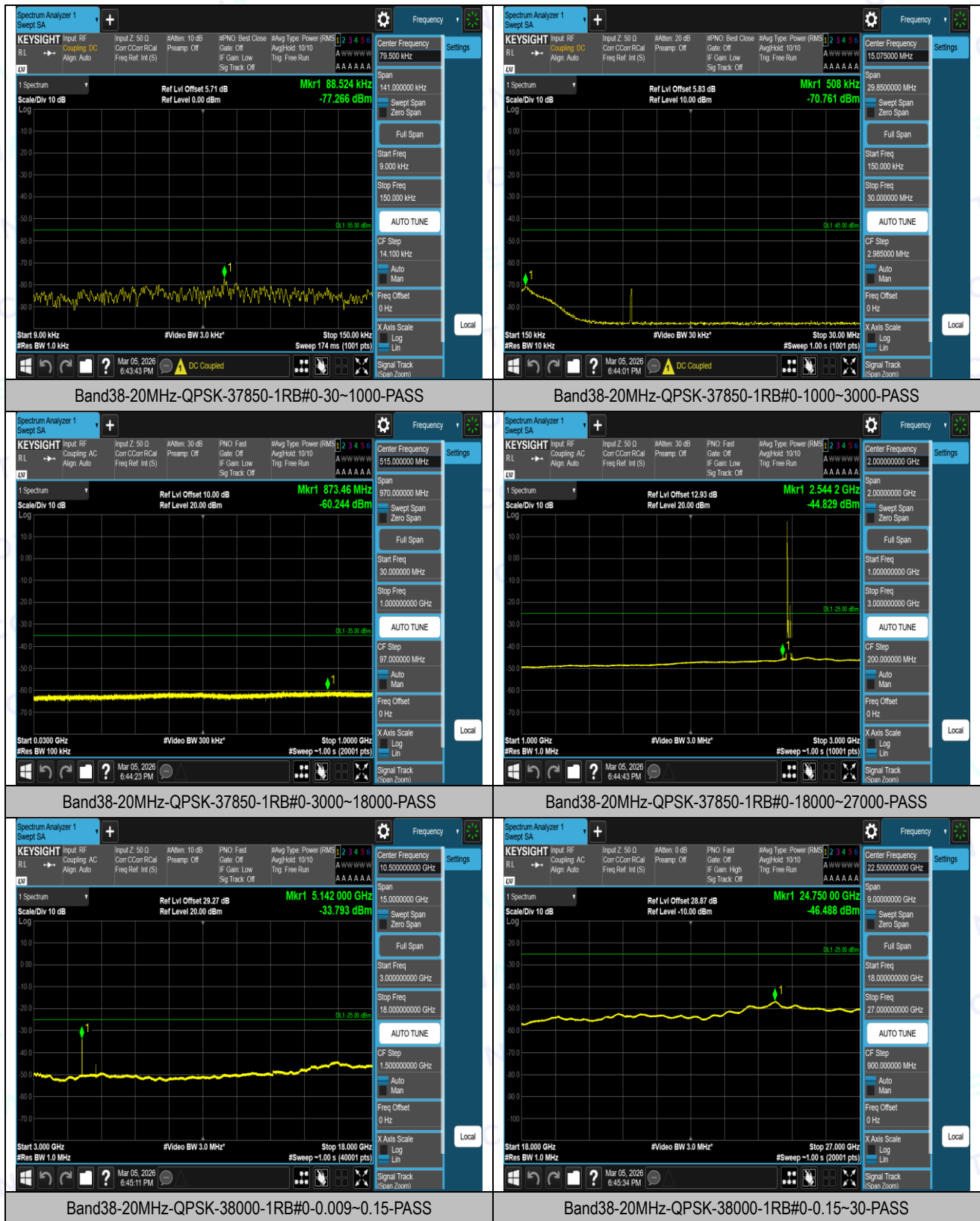
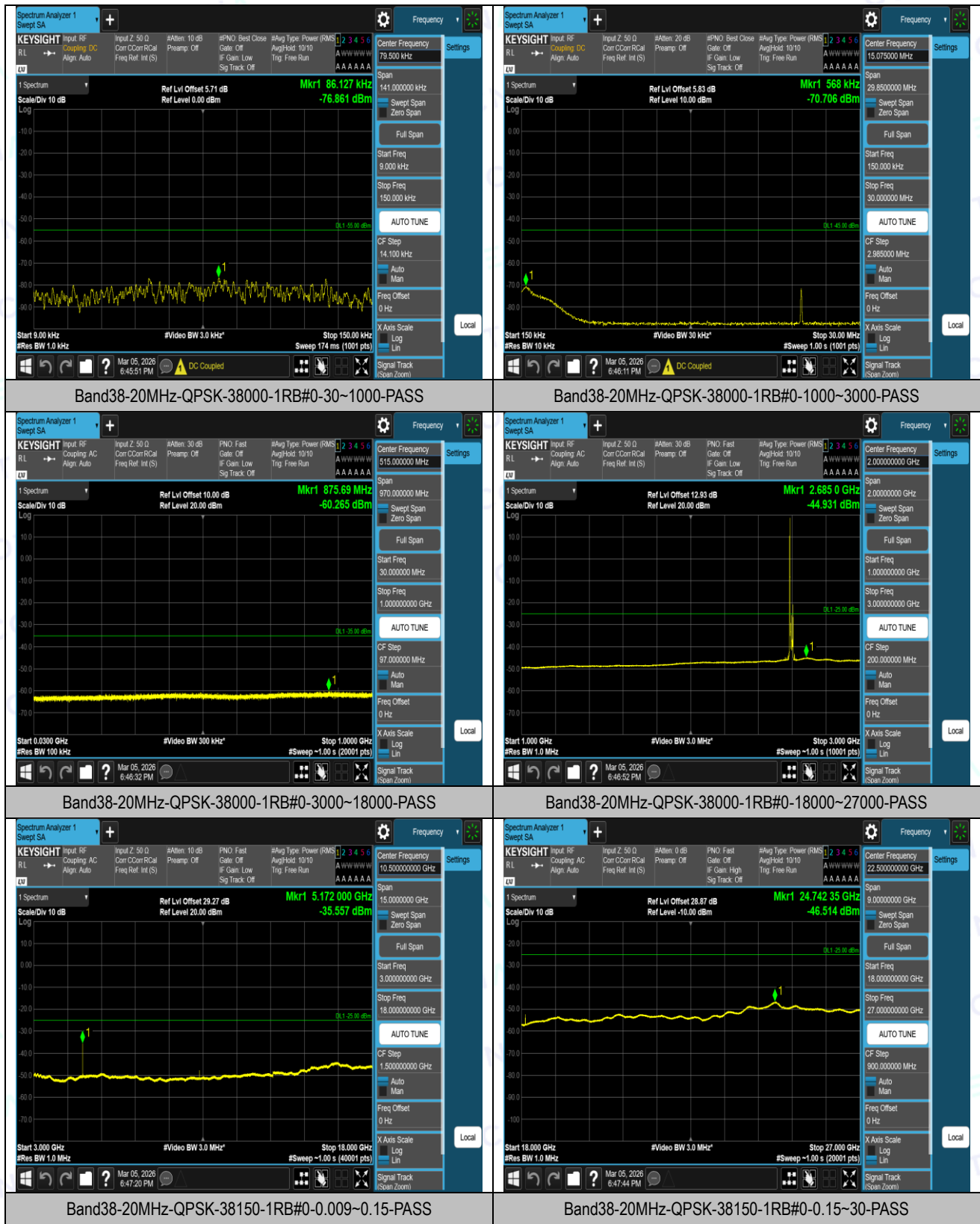








Band38-20MHz-QPSK-38150-1RB#0-30~1000-PASS



Band38-20MHz-QPSK-38150-1RB#0-1000~3000-PASS



Band38-20MHz-QPSK-38150-1RB#0-3000~18000-PASS



Band38-20MHz-QPSK-38150-1RB#0-18000~27000-PASS



Band38-20MHz-16QAM-37850-1RB#0-0.009~0.15-PASS



Band38-20MHz-16QAM-37850-1RB#0-0.15~30-PASS



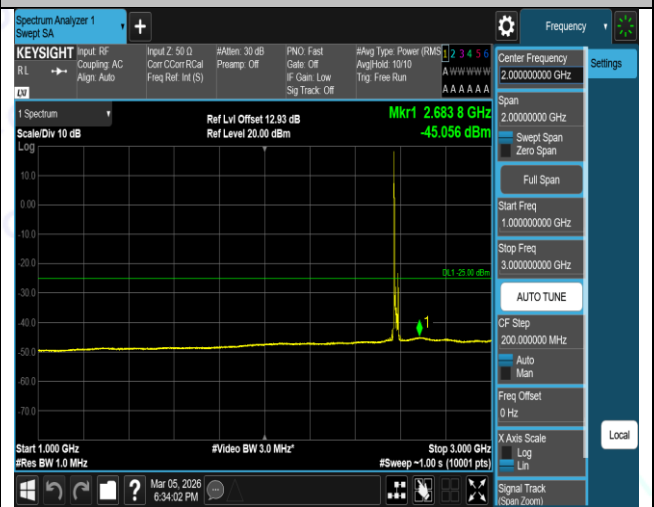
Band38-20MHz-16QAM-37850-1RB#0-30~1000-PASS



Band38-20MHz-16QAM-37850-1RB#0-1000~3000-PASS



Band38-20MHz-16QAM-37850-1RB#0-3000~18000-PASS



Band38-20MHz-16QAM-37850-1RB#0-18000~27000-PASS



Band38-20MHz-16QAM-38000-1RB#0-0.009~0.15-PASS



Band38-20MHz-16QAM-38000-1RB#0-0.15~30-PASS



Band38-20MHz-16QAM-38000-1RB#0-30~1000-PASS



Band38-20MHz-16QAM-38000-1RB#0-1000~3000-PASS



Band38-20MHz-16QAM-38000-1RB#0-3000~18000-PASS



Band38-20MHz-16QAM-38000-1RB#0-18000~27000-PASS



Band38-20MHz-16QAM-38150-1RB#0-0.009~0.15-PASS



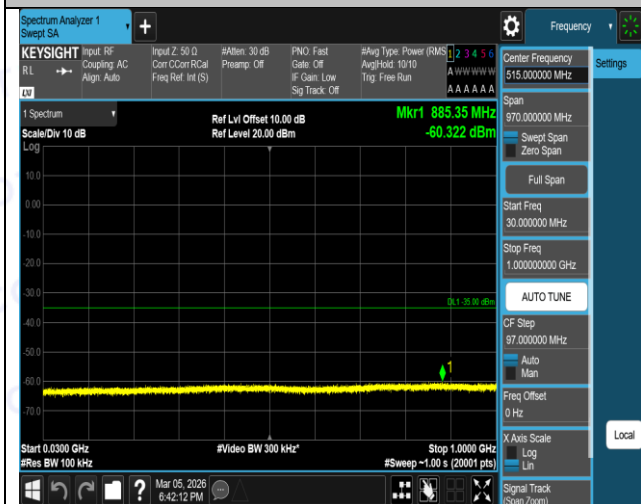
Band38-20MHz-16QAM-38150-1RB#0-0.15~30-PASS



Band38-20MHz-16QAM-38150-1RB#0-30~1000-PASS



Band38-20MHz-16QAM-38150-1RB#0-1000~3000-PASS



Band38-20MHz-16QAM-38150-1RB#0-3000~18000-PASS



Band38-20MHz-16QAM-38150-1RB#0-18000~27000-PASS



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	-5.88	-0.002286	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	VL	NT	14.13	0.005493	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	VH	NT	10.33	0.004016	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	VN	NT	-13.10	-0.005048	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	VL	NT	11.00	0.004239	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	VH	NT	-11.99	-0.004620	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	VN	NT	-14.93	-0.005704	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	VL	NT	-5.06	-0.001933	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	VH	NT	-9.47	-0.003618	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	VN	NT	6.49	0.002523	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	VL	NT	9.57	0.003720	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	VH	NT	8.77	0.003409	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	VN	NT	14.10	0.005434	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	VL	NT	-6.51	-0.002509	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	VH	NT	7.10	0.002736	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	VN	NT	10.71	0.004092	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	VL	NT	-6.41	-0.002449	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	VH	NT	6.94	0.002651	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	VN	NT	-10.41	-0.004043	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	VL	NT	-6.01	-0.002334	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	VH	NT	-13.20	-0.005126	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	VN	NT	-12.73	-0.004906	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	VL	NT	-7.14	-0.002751	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	VH	NT	7.11	0.002740	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	VN	NT	-10.27	-0.003927	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	VL	NT	-7.77	-0.002971	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	VH	NT	10.27	0.003927	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	VN	NT	10.73	0.004163	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	VL	NT	7.62	0.002956	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	VH	NT	11.59	0.004497	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	VN	NT	-9.91	-0.003819	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	VL	NT	-3.98	-0.001534	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	VH	NT	-10.36	-0.003992	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	VN	NT	-20.31	-0.007774	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	VL	NT	-9.01	-0.003449	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	VH	NT	-8.34	-0.003192	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VN	NT	-13.20	-0.005116	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VL	NT	7.45	0.002888	±2.5	PASS

Band38	20MHz	QPSK	37850	100RB#0	VH	NT	-7.15	-0.002771	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VN	NT	-18.34	-0.007067	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VL	NT	-6.11	-0.002355	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VH	NT	-6.72	-0.002590	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VN	NT	-11.90	-0.004559	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VL	NT	-12.09	-0.004632	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VH	NT	7.22	0.002766	±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	10.10	0.003926	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	-20	-6.37	-0.002476	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	-10	6.31	0.002453	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	0	5.65	0.002196	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	10	-8.64	-0.003359	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	20	-12.17	-0.004731	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	30	-6.78	-0.002636	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	40	13.12	0.005100	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	50	-6.87	-0.002671	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	-30	-8.96	-0.003453	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	-20	-8.61	-0.003318	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	-10	9.46	0.003645	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	0	-5.58	-0.002150	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	10	-10.69	-0.004119	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	20	9.14	0.003522	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	30	8.80	0.003391	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	40	10.66	0.004108	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	50	10.99	0.004235	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	-30	8.97	0.003427	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	-20	-6.82	-0.002606	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	-10	6.37	0.002434	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	0	-5.04	-0.001926	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	10	9.48	0.003622	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	20	6.88	0.002628	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	30	5.29	0.002021	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	40	6.78	0.002590	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	50	8.40	0.003209	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	-30	8.91	0.003464	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	-20	-13.42	-0.005217	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	-10	9.17	0.003565	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	0	7.44	0.002892	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	10	7.87	0.003059	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	20	-5.69	-0.002212	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	30	7.81	0.003036	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	40	-8.58	-0.003335	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	50	-1.67	-0.000649	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	-30	-7.68	-0.002960	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	-20	9.76	0.003761	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	-10	-8.30	-0.003198	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	0	-9.00	-0.003468	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	10	10.66	0.004108	±2.5	PASS

Band38	5MHz	16QAM	38000	25RB#0	NV	20	7.07	0.002724	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	30	-9.23	-0.003557	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	40	-7.00	-0.002697	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	50	-5.92	-0.002281	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	-30	9.91	0.003786	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	-20	-7.31	-0.002793	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	-10	-7.81	-0.002984	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	0	-6.69	-0.002556	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	10	-8.68	-0.003316	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	20	5.42	0.002071	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	30	-12.77	-0.004879	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	40	6.75	0.002579	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	50	-10.63	-0.004061	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	-30	-13.55	-0.005262	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	-20	7.12	0.002765	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	-10	-7.38	-0.002866	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	0	-8.60	-0.003340	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	10	-9.40	-0.003650	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	20	-5.68	-0.002206	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	30	6.12	0.002377	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	40	-5.91	-0.002295	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	50	-6.42	-0.002493	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	-30	8.10	0.003121	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	-20	-7.04	-0.002713	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	-10	-7.22	-0.002782	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	0	-11.44	-0.004408	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	10	6.34	0.002443	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	20	-10.74	-0.004139	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	30	-9.11	-0.003511	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	40	-9.78	-0.003769	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	50	8.84	0.003407	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	-30	7.41	0.002834	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	-20	7.87	0.003010	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	-10	-16.75	-0.006405	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	0	5.52	0.002111	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	10	8.01	0.003063	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	20	-14.32	-0.005476	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	30	10.44	0.003992	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	40	9.23	0.003530	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	50	7.97	0.003048	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	-30	-6.91	-0.002681	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	-20	-6.85	-0.002658	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	-10	7.28	0.002824	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	0	5.49	0.002130	±2.5	PASS

Band38	15MHz	QPSK	37825	75RB#0	NV	10	-7.70	-0.002987	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	20	-10.06	-0.003903	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	30	5.91	0.002293	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	40	7.07	0.002743	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	50	7.78	0.003018	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	-30	-6.54	-0.002520	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	-20	-7.15	-0.002755	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	-10	11.73	0.004520	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	0	4.85	0.001869	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	10	9.24	0.003561	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	20	-7.60	-0.002929	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	30	-9.83	-0.003788	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	40	-6.14	-0.002366	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	50	10.77	0.004150	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	-30	8.07	0.003089	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	-20	-9.28	-0.003552	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	-10	-11.26	-0.004310	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	0	7.54	0.002886	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	10	-8.47	-0.003242	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	20	9.08	0.003476	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	30	7.25	0.002775	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	40	6.38	0.002442	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	50	-6.37	-0.002438	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-30	-7.25	-0.002810	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-20	-3.68	-0.001426	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-10	7.41	0.002872	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	0	6.77	0.002624	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	10	6.41	0.002484	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	20	-6.75	-0.002616	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	30	9.50	0.003682	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	40	8.10	0.003140	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	50	-11.16	-0.004326	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-30	-8.05	-0.003102	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-20	-5.51	-0.002123	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-10	-6.59	-0.002539	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	0	6.62	0.002551	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	10	-10.44	-0.004023	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	20	6.71	0.002586	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	30	9.03	0.003480	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	40	13.88	0.005349	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	50	5.81	0.002239	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-30	-11.43	-0.004379	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-20	-8.31	-0.003184	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-10	-12.79	-0.004900	±2.5	PASS

Band38	20MHz	QPSK	38150	100RB#0	NV	0	9.24	0.003540	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	10	-9.86	-0.003778	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	20	-14.19	-0.005437	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	30	-7.18	-0.002751	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	40	-7.81	-0.002992	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	50	7.68	0.002943	±2.5	PASS

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