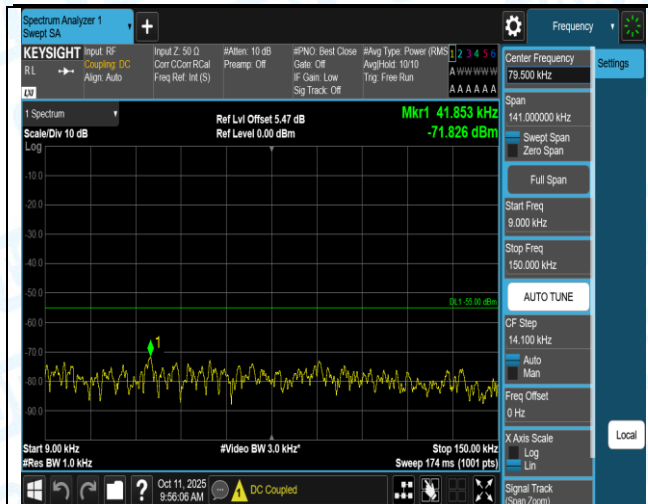




Band38-20MHz-16QAM-37850-1RB#99-30~1000-PASS



Band38-20MHz-16QAM-37850-1RB#99-1000~3000-PASS



Band38-20MHz-16QAM-37850-1RB#99-3000~18000-PASS



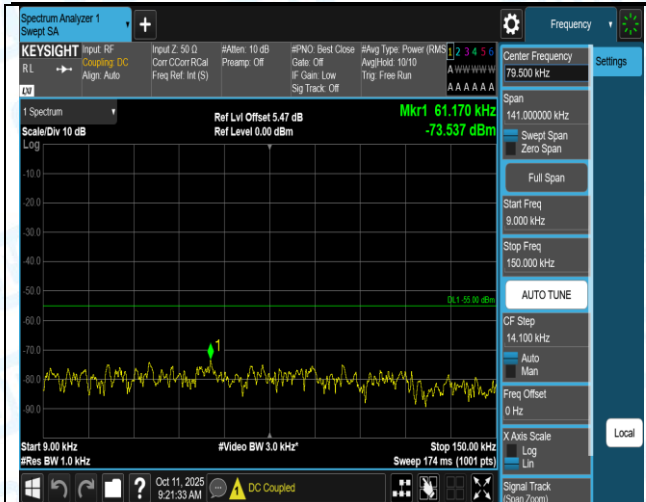
Band38-20MHz-16QAM-37850-1RB#99-18000~27000-PASS



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



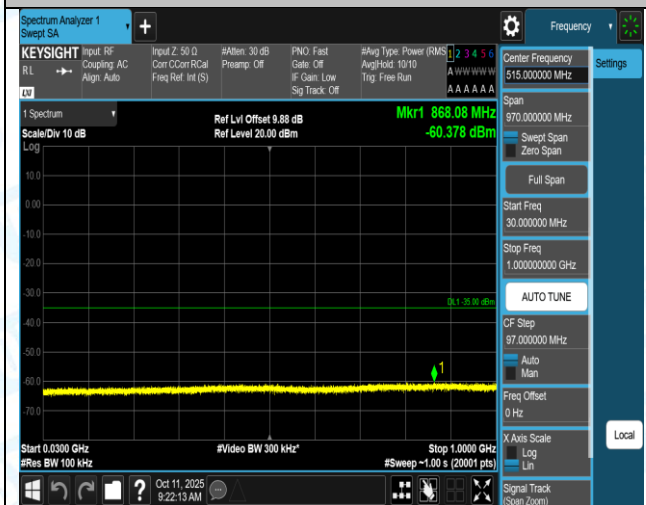
Band38-20MHz-16QAM-38000-1RB#0-0.15~30-PASS



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



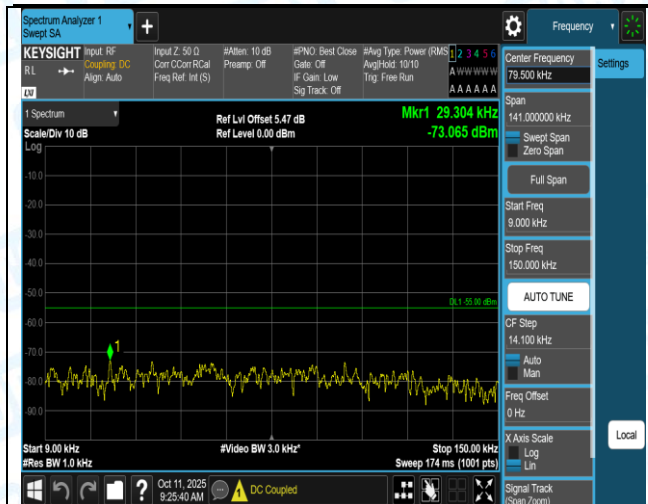
Band38-20MHz-16QAM-38000-1RB#0-18000~27000-PASS



Band38-20MHz-16QAM-38000-1RB#99-0.009~0.15-PASS



Band38-20MHz-16QAM-38000-1RB#99-0.15~30-PASS



Band38-20MHz-16QAM-38000-1RB#99-30~1000-PASS



Band38-20MHz-16QAM-38000-1RB#99-1000~3000-PASS



Band38-20MHz-16QAM-38000-1RB#99-3000~18000-PASS



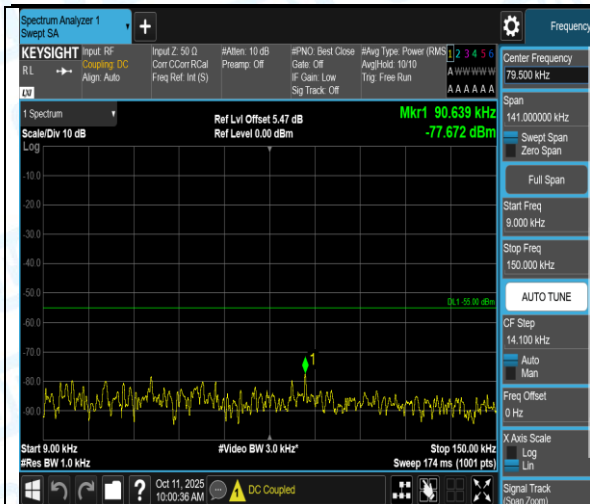
Band38-20MHz-16QAM-38000-1RB#99-18000~27000-PASS



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



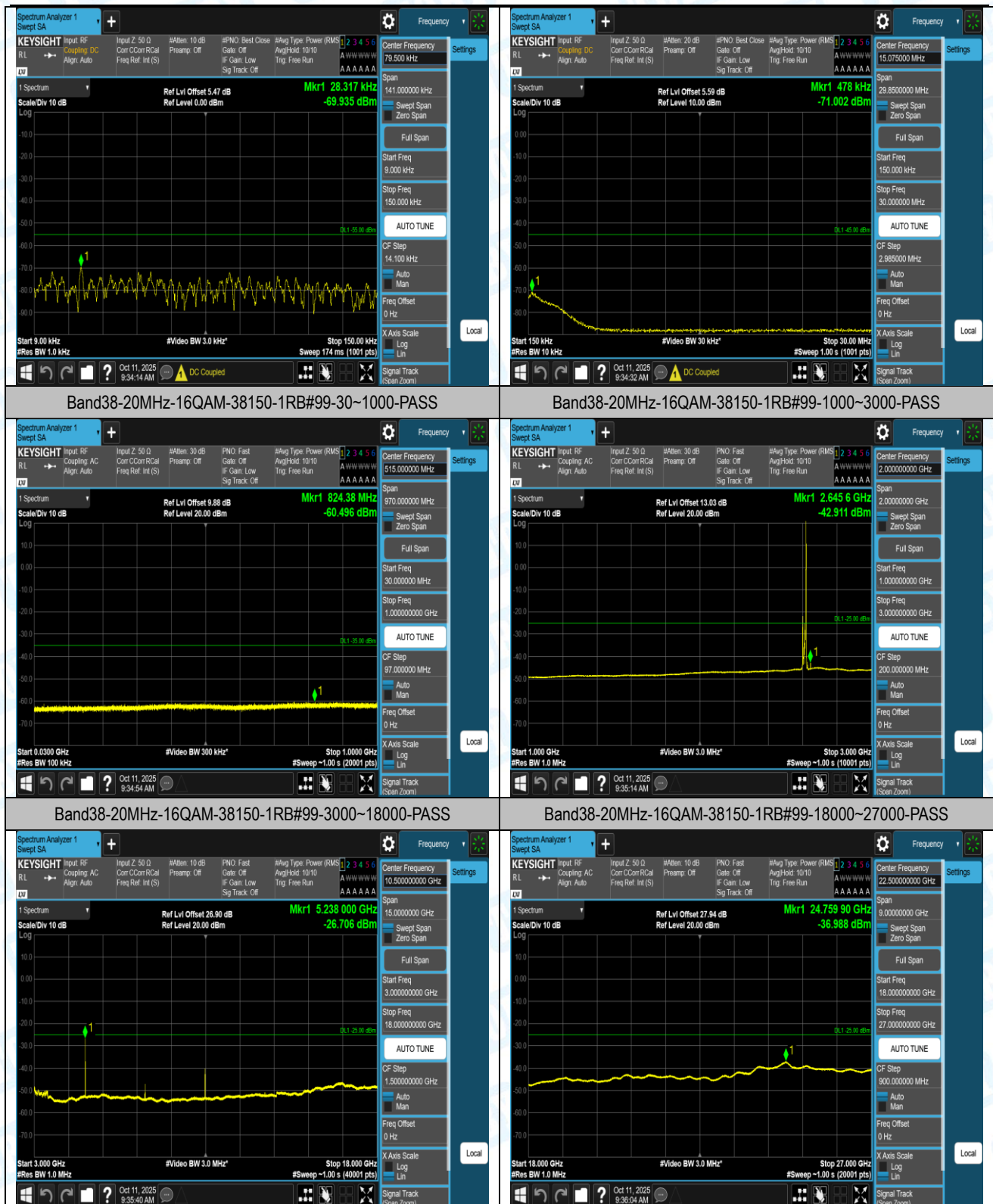
Band38-20MHz-16QAM-38150-1RB#0-18000~27000-PASS



Band38-20MHz-16QAM-38150-1RB#99-0.009~0.15-PASS



Band38-20MHz-16QAM-38150-1RB#99-0.15~30-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	-13.43	-0.005221	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	VL	NT	-8.38	-0.003258	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	VH	NT	-10.51	-0.004086	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	VN	NT	-13.57	-0.005229	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	VL	NT	-11.42	-0.004401	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	VH	NT	-6.55	-0.002524	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	VN	NT	-21.19	-0.008096	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	VL	NT	-11.92	-0.004554	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	VH	NT	-5.79	-0.002212	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	VN	NT	-5.97	-0.002321	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	VL	NT	8.43	0.003277	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	VH	NT	6.42	0.002496	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	VN	NT	6.02	0.002320	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	VL	NT	4.18	0.001611	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	VH	NT	-8.36	-0.003222	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	VN	NT	8.52	0.003255	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	VL	NT	-5.00	-0.001910	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	VH	NT	-8.35	-0.003190	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	VN	NT	-10.95	-0.004252	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	VL	NT	-8.49	-0.003297	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	VH	NT	5.21	0.002023	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	VN	NT	-15.76	-0.006073	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	VL	NT	-11.44	-0.004408	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	VH	NT	-6.76	-0.002605	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	VN	NT	-14.10	-0.005392	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	VL	NT	-8.10	-0.003098	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	VH	NT	9.10	0.003480	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	VN	NT	-8.35	-0.003240	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	VL	NT	-7.15	-0.002774	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	VH	NT	-6.81	-0.002642	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	VN	NT	-14.59	-0.005622	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	VL	NT	-10.78	-0.004154	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	VH	NT	6.17	0.002378	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	VN	NT	-9.68	-0.003705	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	VL	NT	8.76	0.003353	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	VH	NT	8.24	0.003154	±2.5	PASS

Band38	20MHz	QPSK	37850	100RB#0	VN	NT	-8.83	-0.003422	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VL	NT	7.52	0.002915	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VH	NT	7.89	0.003058	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VN	NT	-14.52	-0.005595	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VL	NT	-9.68	-0.003730	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VH	NT	-8.29	-0.003195	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VN	NT	-14.74	-0.005648	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VL	NT	-14.85	-0.005690	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VH	NT	-7.24	-0.002774	±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	5.40	0.002099	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	-20	-7.96	-0.003094	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	-10	-10.16	-0.003949	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	0	-6.61	-0.002569	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	10	-8.94	-0.003475	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	20	-5.40	-0.002099	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	30	-7.70	-0.002993	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	40	5.24	0.002037	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	50	-5.69	-0.002212	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	-30	-4.68	-0.001803	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	-20	-7.17	-0.002763	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	-10	-8.10	-0.003121	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	0	4.75	0.001830	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	10	4.79	0.001846	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	20	5.71	0.002200	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	30	7.29	0.002809	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	40	6.52	0.002513	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	50	-9.98	-0.003846	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	-30	-16.04	-0.006128	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	-20	-10.47	-0.004000	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	-10	-11.05	-0.004222	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	0	-9.61	-0.003671	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	10	-9.13	-0.003488	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	20	7.66	0.002926	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	30	8.68	0.003316	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	40	9.24	0.003530	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	50	-5.95	-0.002273	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	-30	-8.51	-0.003308	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	-20	5.22	0.002029	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	-10	5.93	0.002305	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	0	5.88	0.002286	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	10	-4.10	-0.001594	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	20	-4.68	-0.001819	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	30	-7.18	-0.002791	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	40	-8.92	-0.003467	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	50	-4.83	-0.001878	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	-30	8.87	0.003418	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	-20	4.81	0.001854	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	-10	5.54	0.002135	±2.5	PASS

Band38	5MHz	16QAM	38000	25RB#0	NV	0	-10.40	-0.004008	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	10	-6.64	-0.002559	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	20	-8.92	-0.003437	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	30	-10.11	-0.003896	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	40	-5.50	-0.002119	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	50	6.62	0.002551	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	-30	7.47	0.002854	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	-20	-10.69	-0.004084	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	-10	8.38	0.003202	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	0	-9.05	-0.003457	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	10	-7.49	-0.002862	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	20	-6.78	-0.002590	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	30	-6.75	-0.002579	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	40	-9.47	-0.003618	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	50	7.20	0.002751	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	-30	-3.95	-0.001534	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	-20	7.42	0.002882	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	-10	-6.01	-0.002334	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	0	-5.81	-0.002256	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	10	8.25	0.003204	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	20	-3.25	-0.001262	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	30	-7.70	-0.002990	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	40	8.21	0.003188	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	50	8.18	0.003177	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	-30	9.35	0.003603	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	-20	-8.76	-0.003376	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	-10	5.55	0.002139	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	0	-9.12	-0.003514	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	10	9.66	0.003723	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	20	-12.73	-0.004906	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	30	3.85	0.001484	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	40	6.26	0.002412	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	50	6.35	0.002447	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	-30	-5.92	-0.002264	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	-20	-4.91	-0.001878	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	-10	-8.10	-0.003098	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	0	-9.30	-0.003556	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	10	6.61	0.002528	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	20	-8.59	-0.003285	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	30	-4.75	-0.001816	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	40	5.10	0.001950	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	50	-7.88	-0.003013	±2.5	PASS

Band38	15MHz	QPSK	37825	75RB#0	NV	-30	8.33	0.003232	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	-20	7.44	0.002887	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	-10	-8.54	-0.003313	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	0	6.41	0.002487	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	10	4.36	0.001692	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	20	-7.75	-0.003007	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	30	-4.44	-0.001723	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	40	-12.43	-0.004823	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	50	10.73	0.004163	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	-30	-5.99	-0.002308	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	-20	-11.79	-0.004543	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	-10	5.51	0.002123	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	0	15.45	0.005954	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	10	-5.54	-0.002135	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	20	6.21	0.002393	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	30	-8.06	-0.003106	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	40	-5.61	-0.002162	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	50	7.90	0.003044	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	-30	-3.96	-0.001516	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	-20	-9.55	-0.003656	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	-10	4.83	0.001849	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	0	7.44	0.002848	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	10	7.56	0.002894	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	20	-7.90	-0.003024	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	30	7.85	0.003005	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	40	5.58	0.002136	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	50	-8.85	-0.003388	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-30	6.08	0.002357	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-20	-7.49	-0.002903	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-10	-6.73	-0.002609	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	0	-7.12	-0.002760	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	10	8.20	0.003178	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	20	8.13	0.003151	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	30	10.33	0.004004	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	40	-6.84	-0.002651	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	50	-6.05	-0.002345	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-30	-8.22	-0.003168	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-20	6.60	0.002543	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-10	5.91	0.002277	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	0	11.01	0.004243	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	10	-8.80	-0.003391	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	20	-10.79	-0.004158	±2.5	PASS

Band38	20MHz	QPSK	38000	100RB#0	NV	30	7.61	0.002933	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	40	-5.11	-0.001969	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	50	-7.97	-0.003071	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-30	10.69	0.004096	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-20	-5.21	-0.001996	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-10	-11.90	-0.004559	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	0	-11.13	-0.004264	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	10	5.12	0.001962	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	20	-8.74	-0.003349	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	30	-6.62	-0.002536	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	40	7.91	0.003031	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	50	-5.79	-0.002218	±2.5	PASS

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