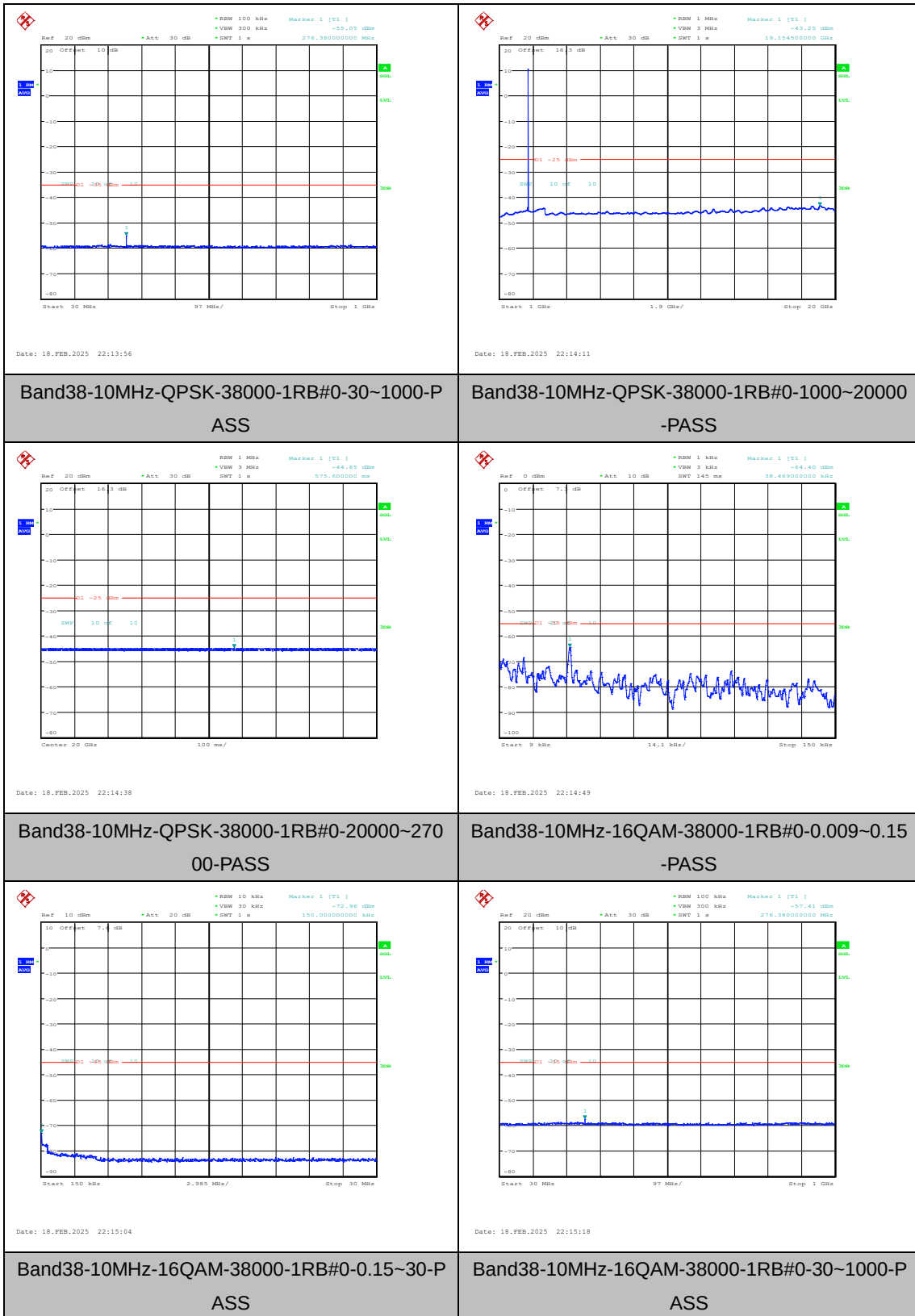
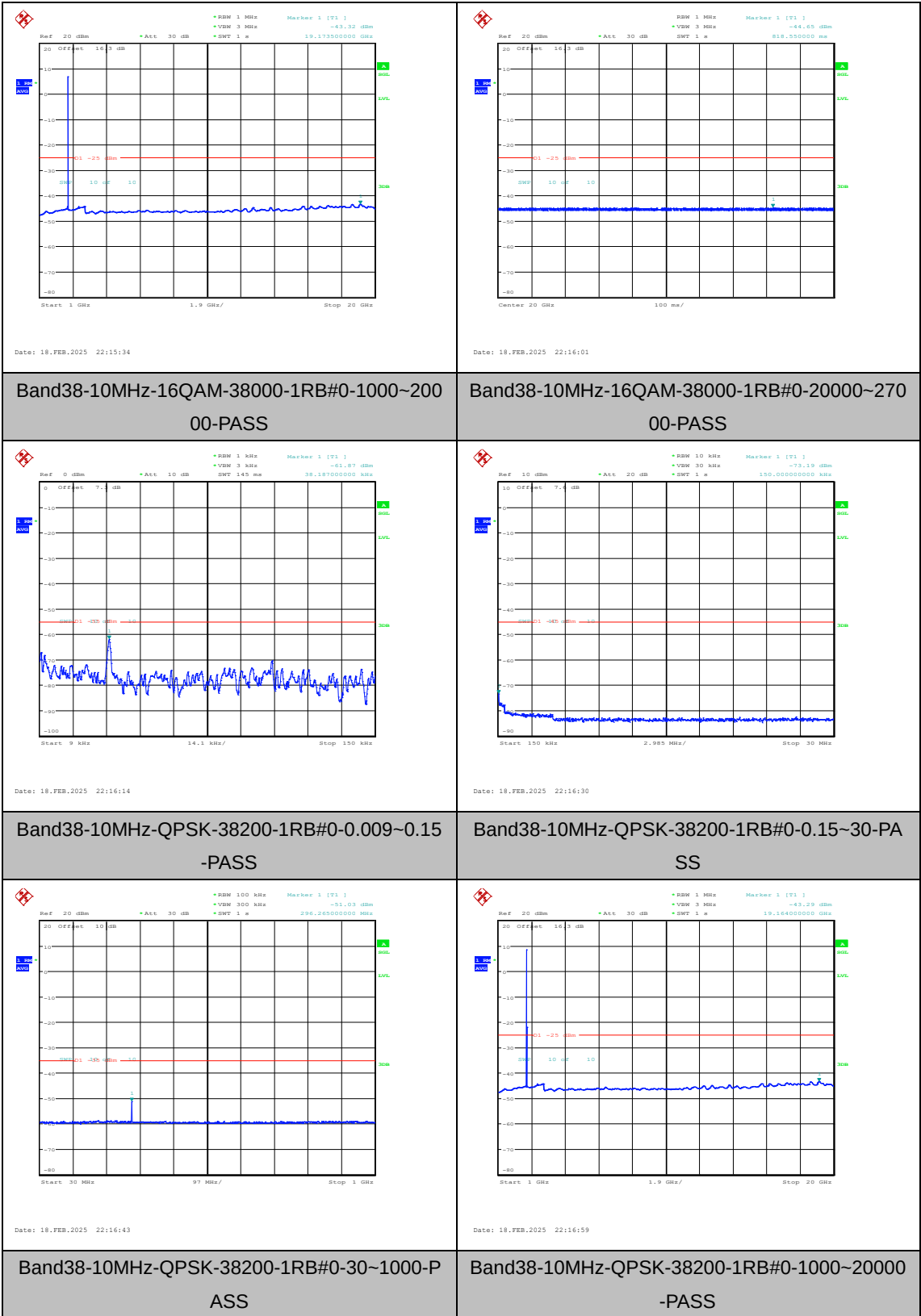
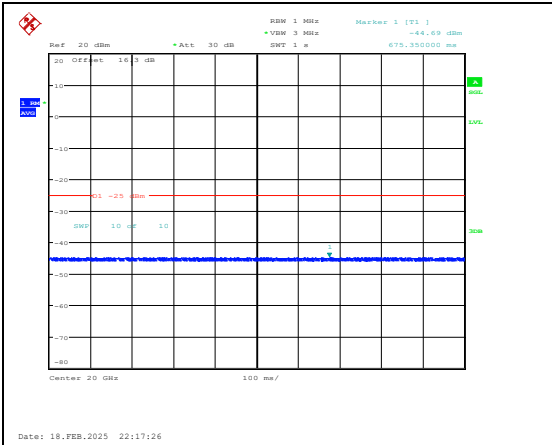
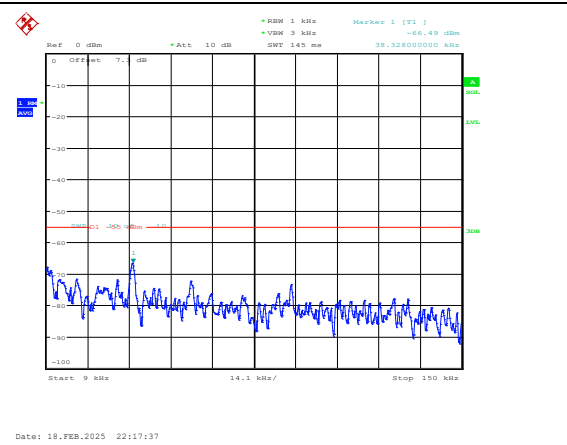




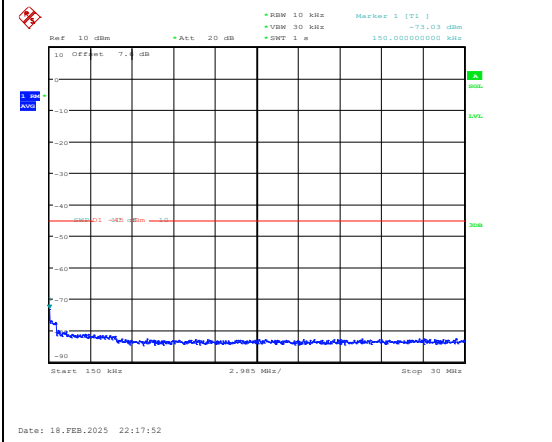




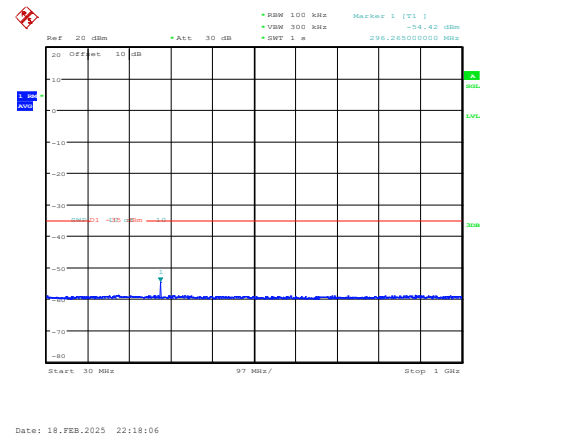
Band38-10MHz-QPSK-38200-1RB#0-20000~270
00-PASS



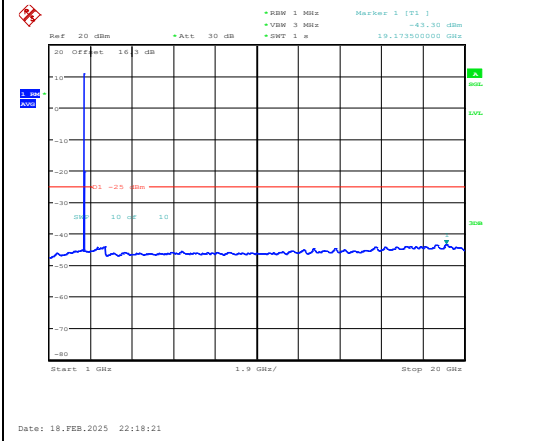
Band38-10MHz-16QAM-38200-1RB#0-0.009~0.15
-PASS



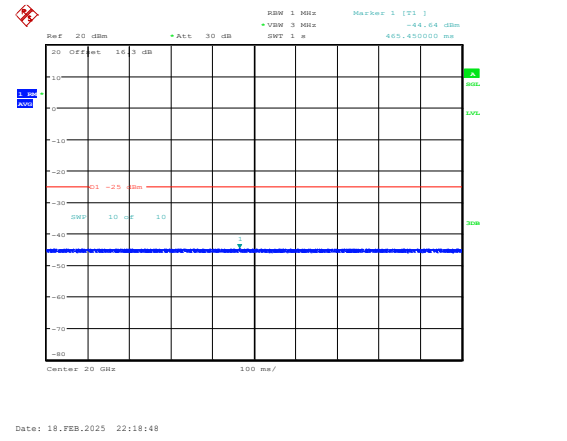
Band38-10MHz-16QAM-38200-1RB#0-0.15~30-P
ASS



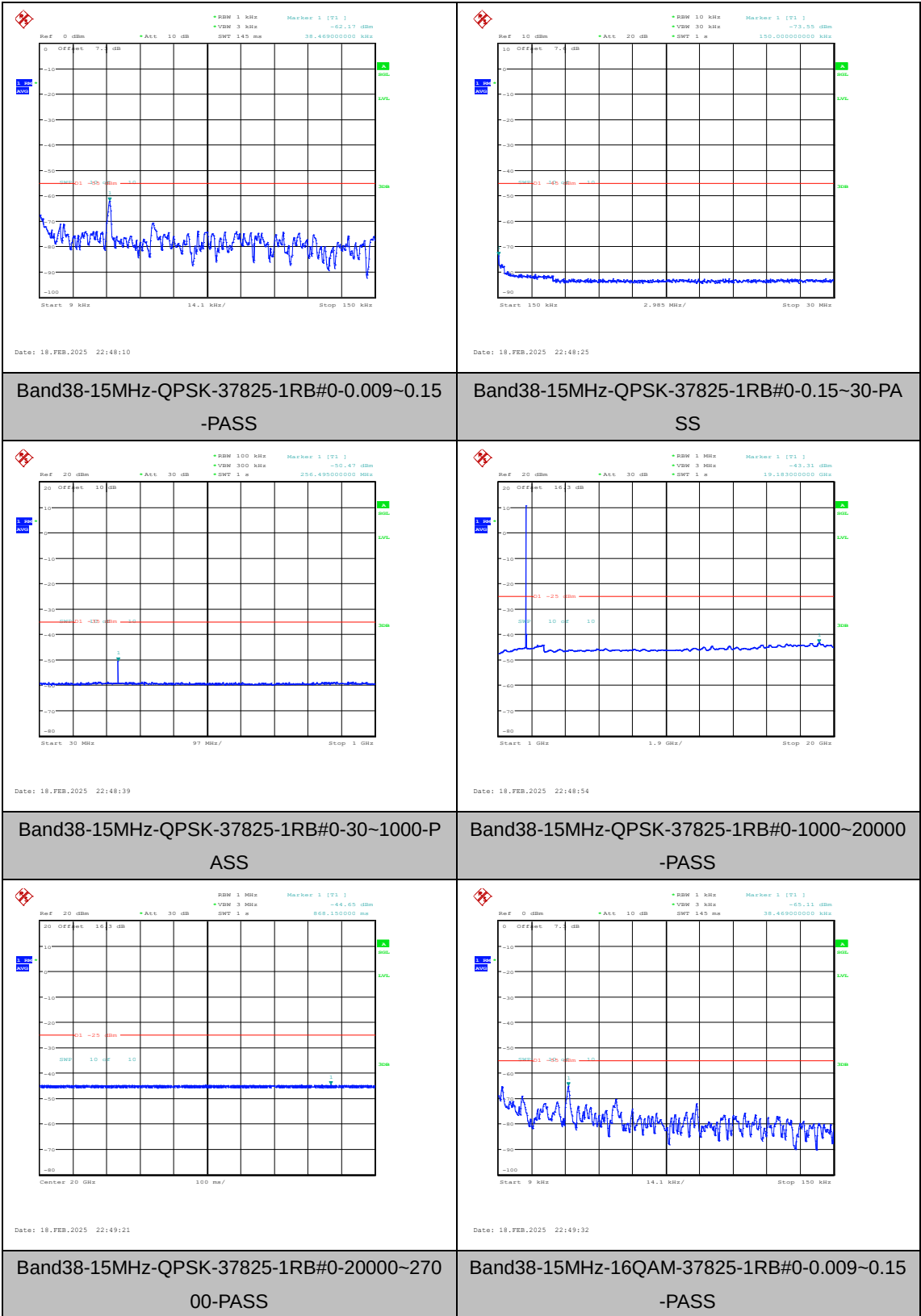
Band38-10MHz-16QAM-38200-1RB#0-30~1000-P
ASS

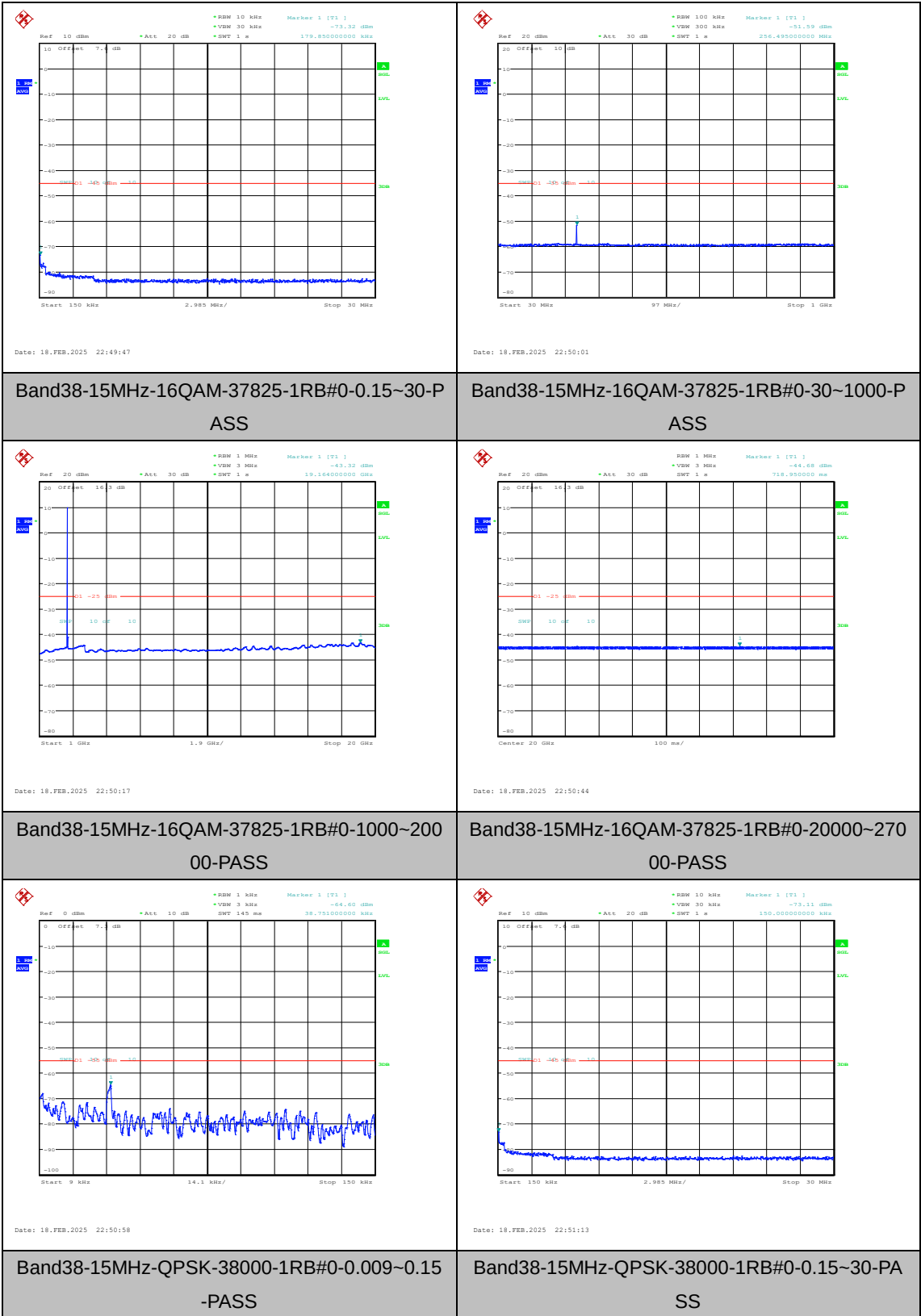


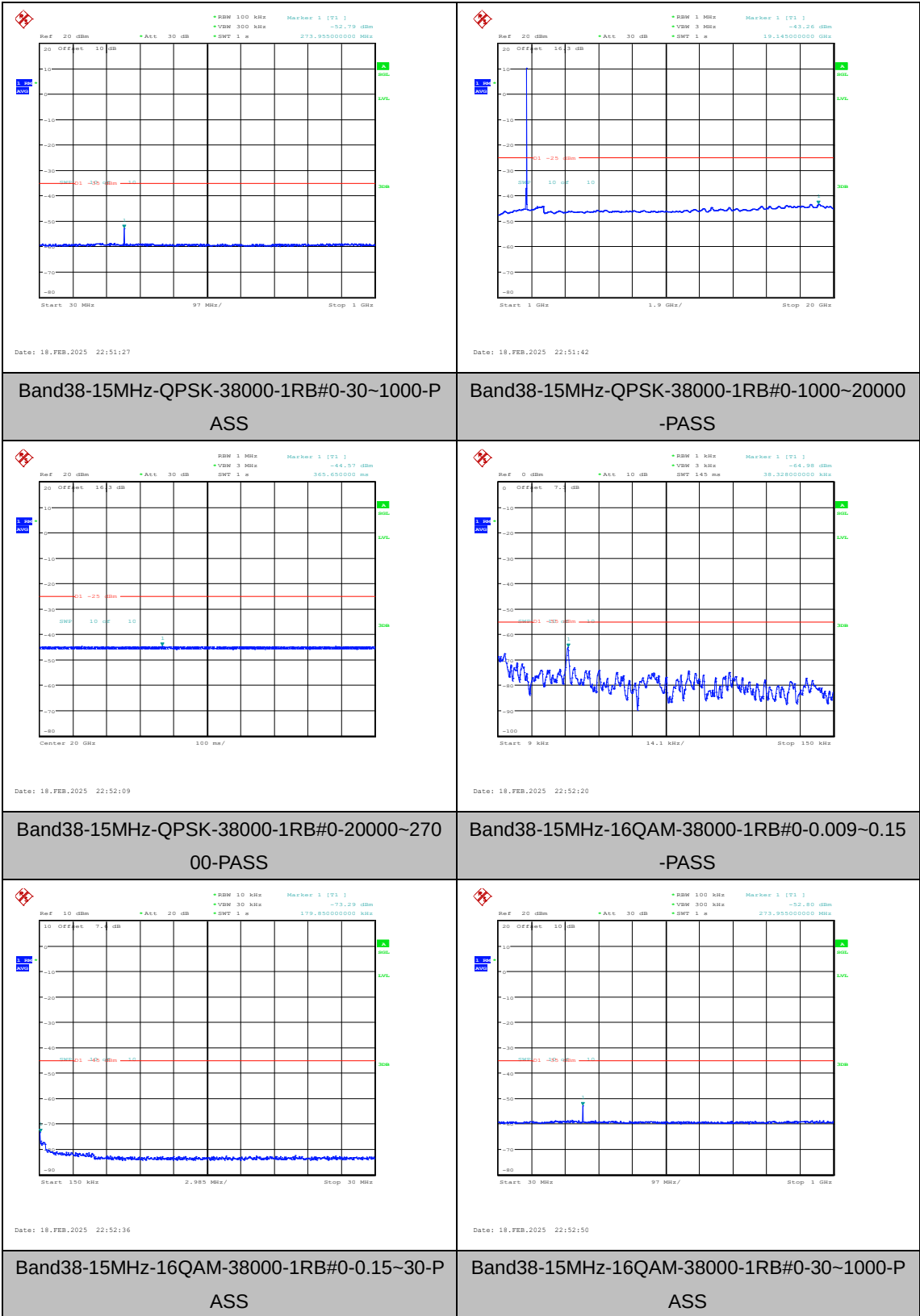
Band38-10MHz-16QAM-38200-1RB#0-1000~200
00-PASS

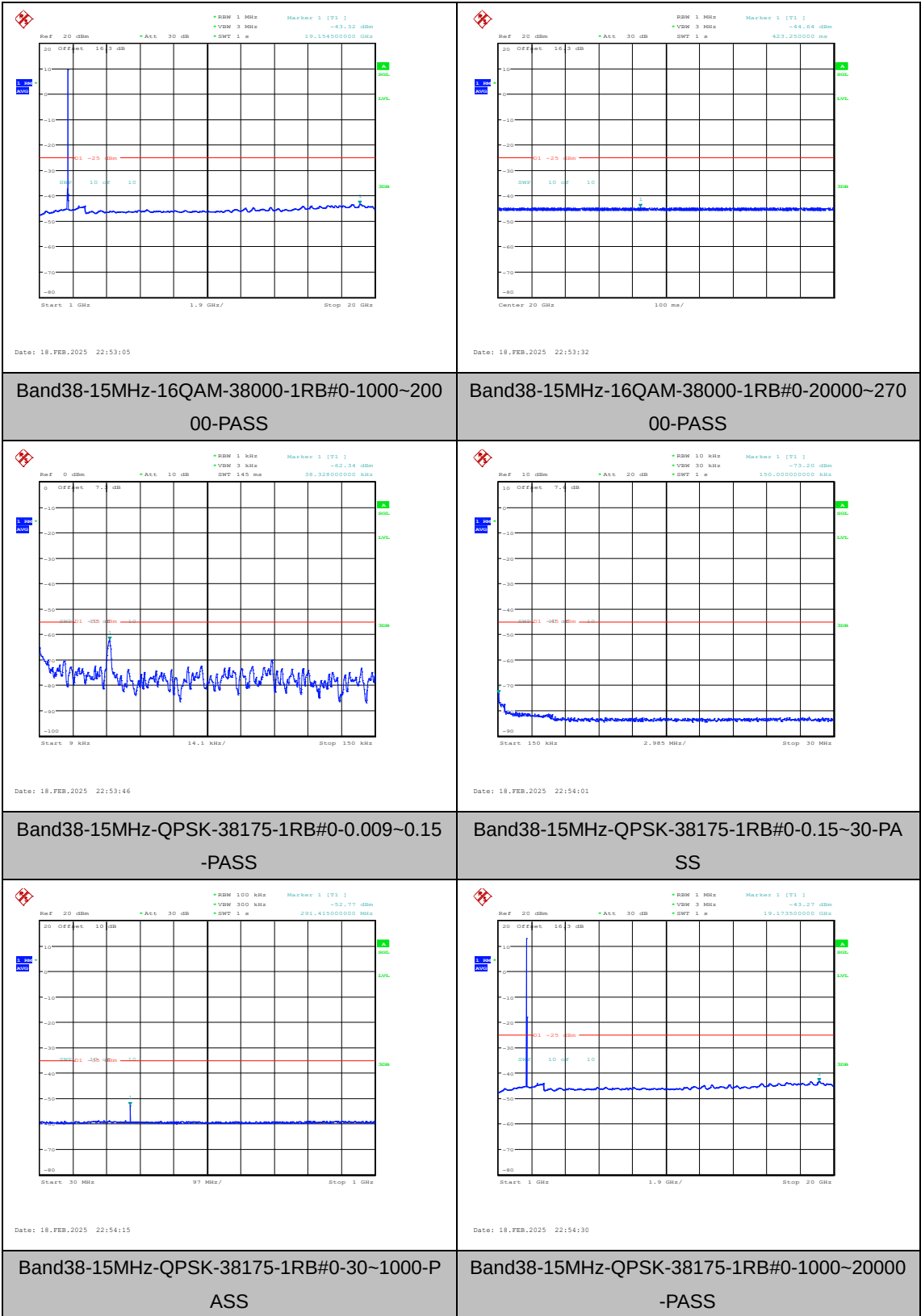


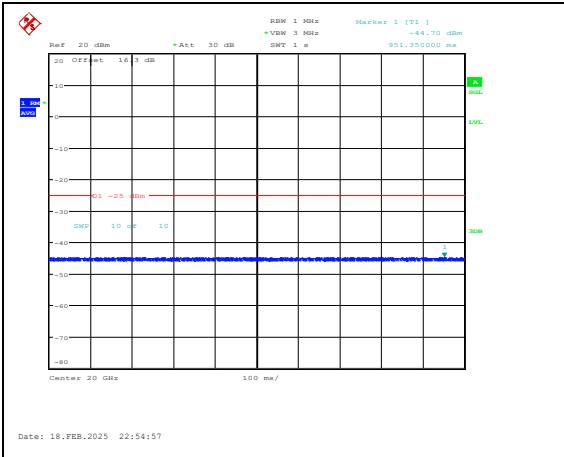
Band38-10MHz-16QAM-38200-1RB#0-20000~270
00-PASS



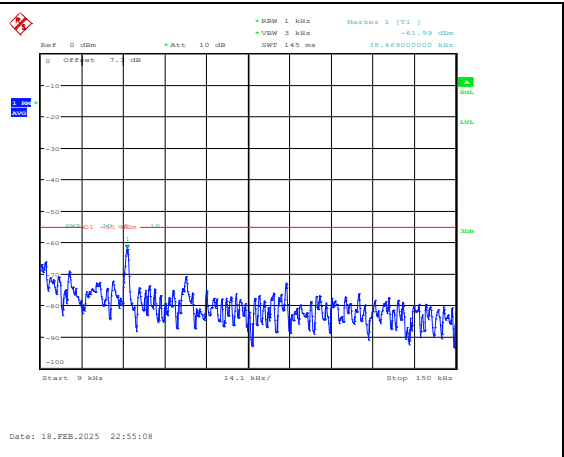




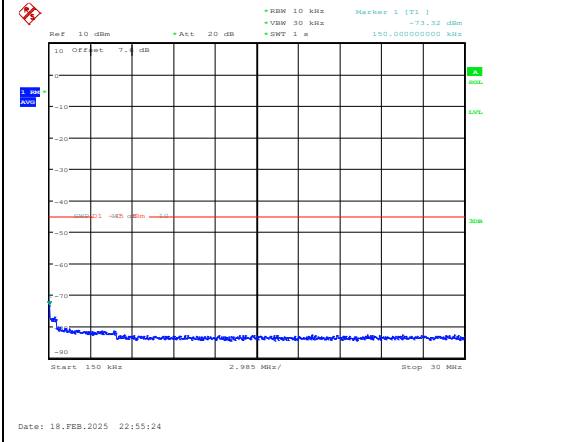




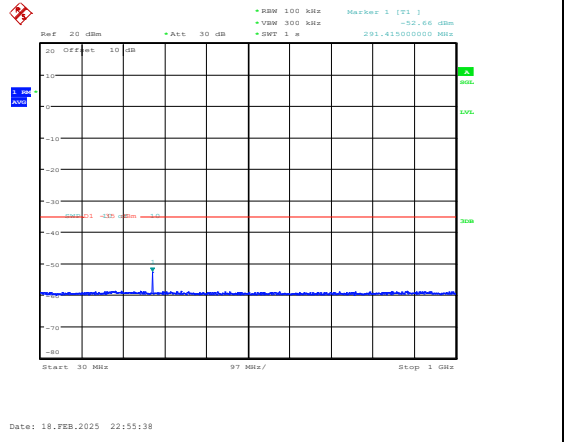
Band38-15MHz-QPSK-38175-1RB#0-20000~270 00-PASS



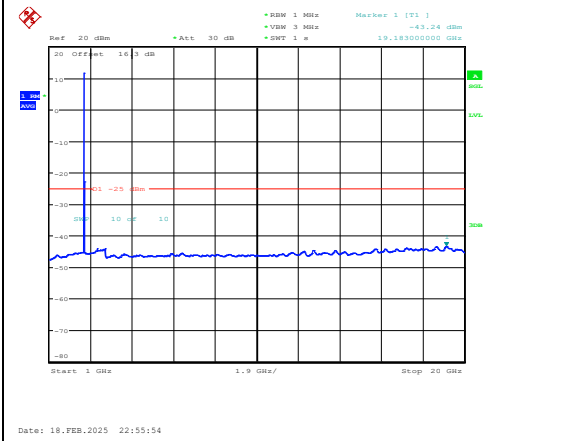
Band38-15MHz-16QAM-38175-1RB#0-0.009~0.15 -PASS



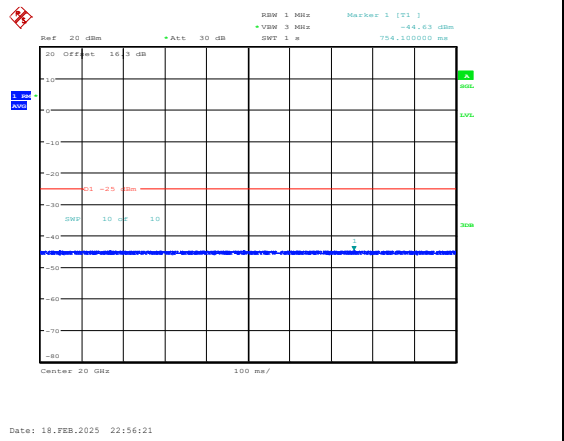
Band38-15MHz-16QAM-38175-1RB#0-0.15~30-P ASS



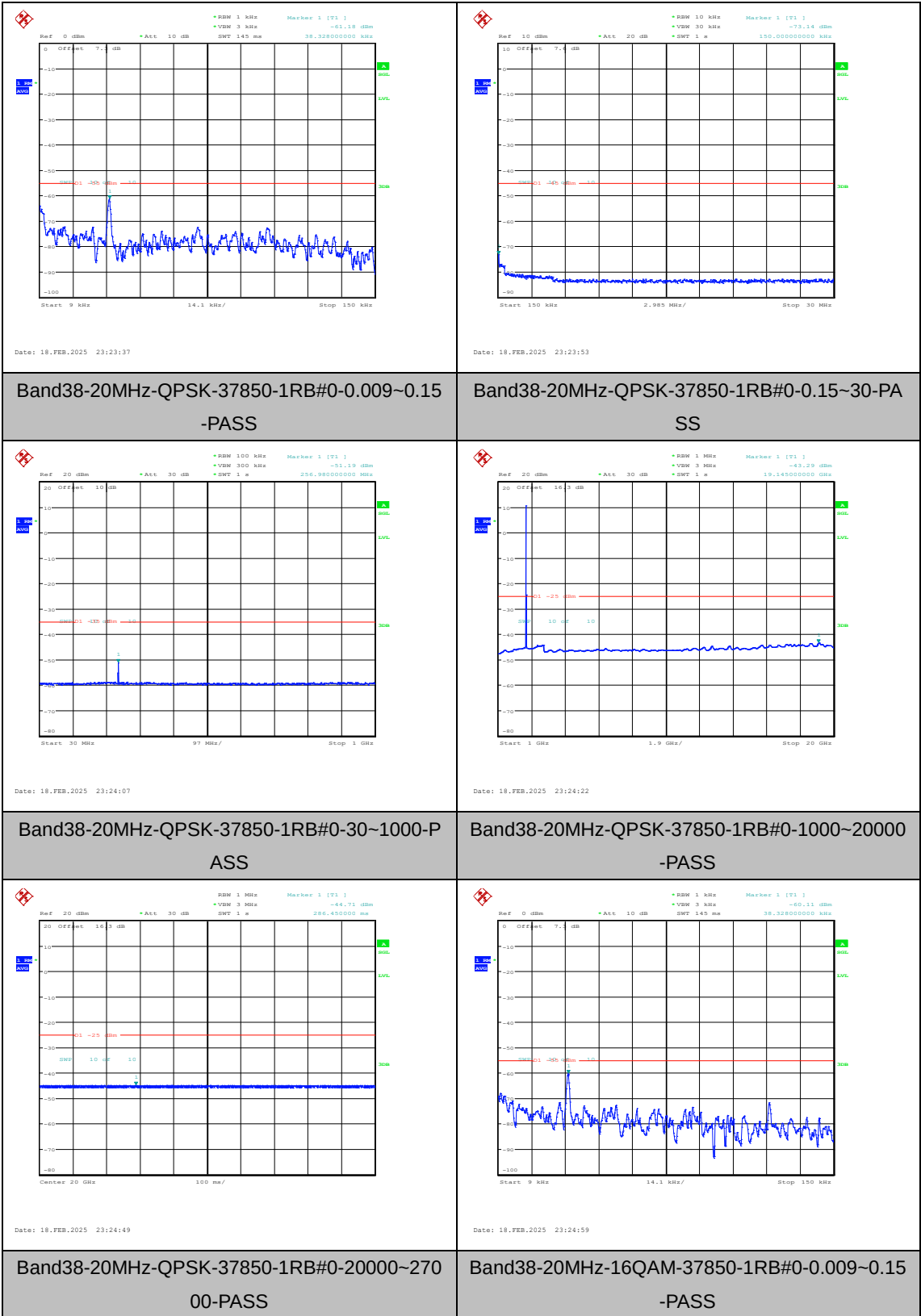
Band38-15MHz-16QAM-38175-1RB#0-30~1000-P ASS

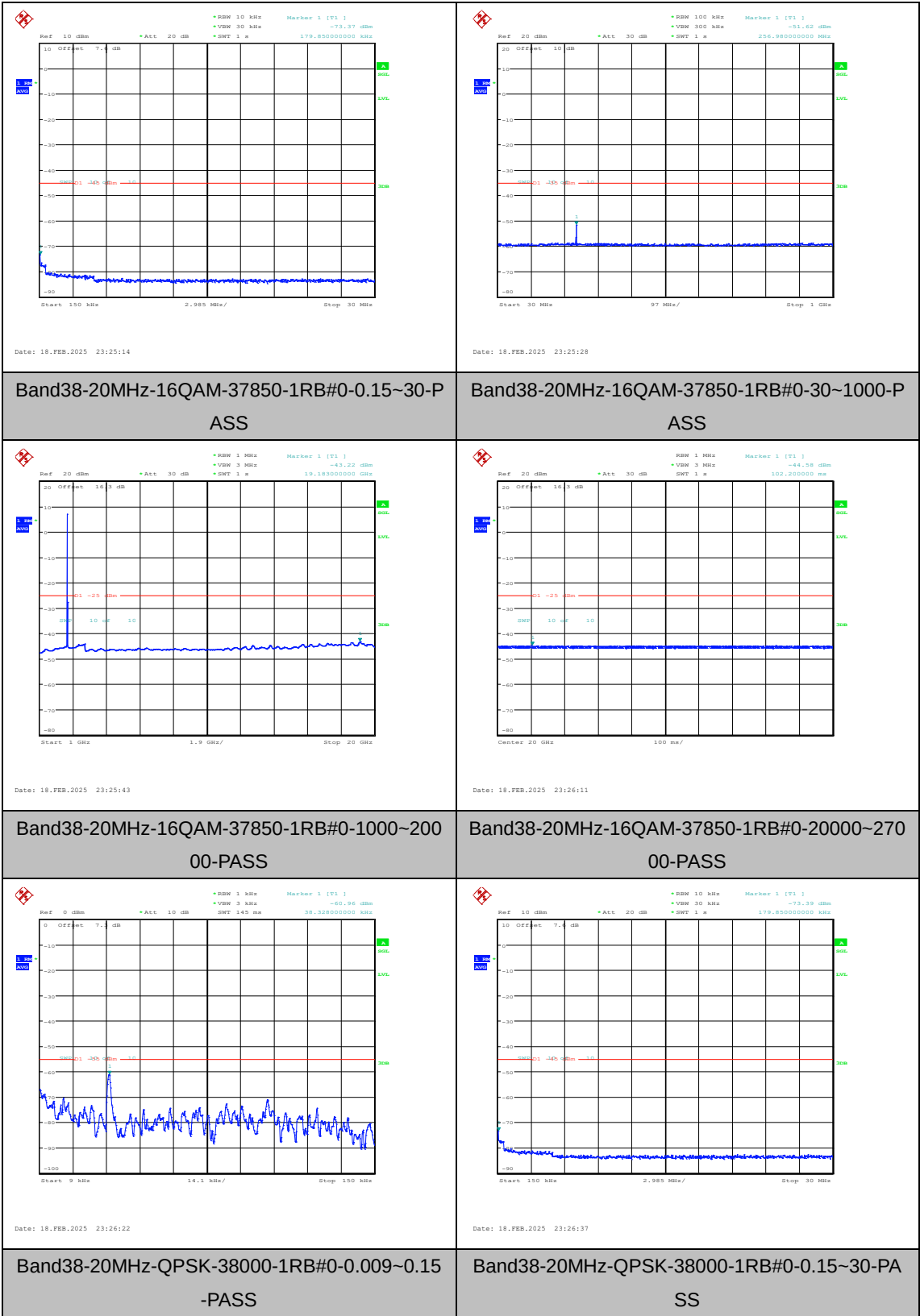


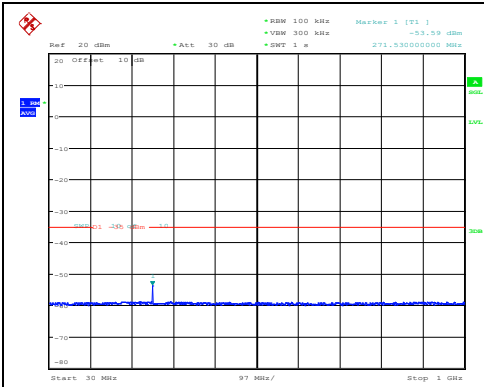
Band38-15MHz-16QAM-38175-1RB#0-1000~200 00-PASS



Band38-15MHz-16QAM-38175-1RB#0-20000~270 00-PASS

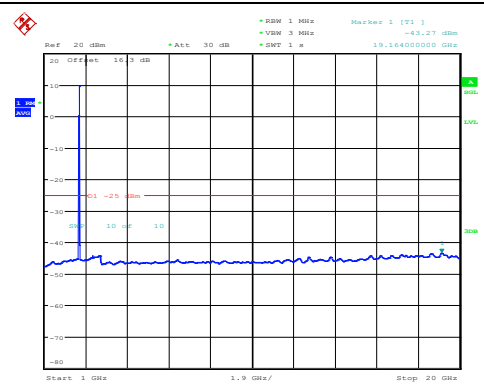






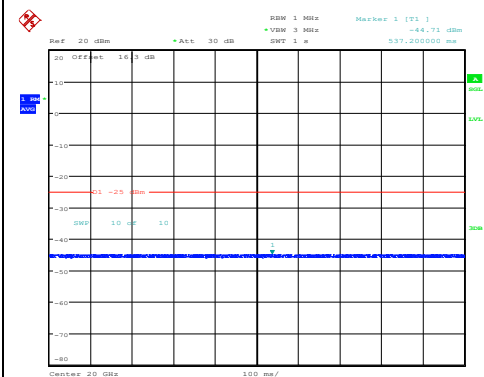
Date: 18.FEB.2025 23:26:51

Band38-20MHz-QPSK-38000-1RB#0-30~1000-P
ASS



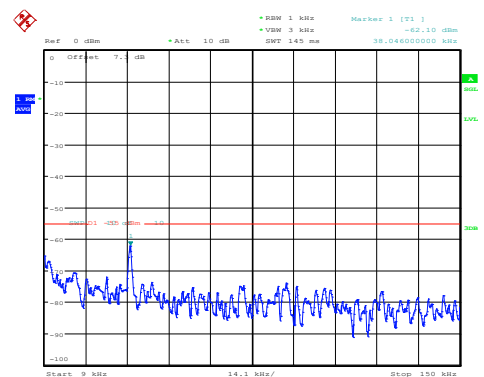
Date: 18.FEB.2025 23:27:06

Band38-20MHz-QPSK-38000-1RB#0-1000~20000
-PASS



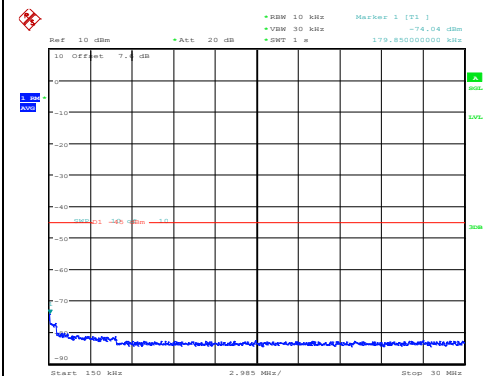
Date: 18.FEB.2025 23:27:33

Band38-20MHz-QPSK-38000-1RB#0-20000~270
00-PASS



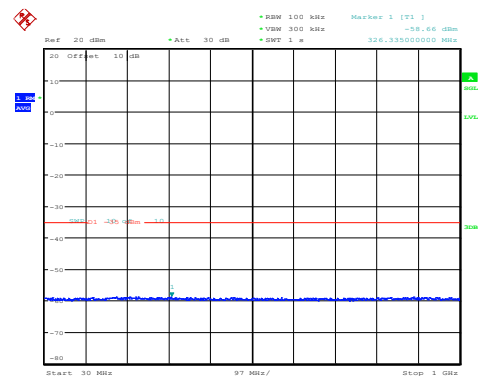
Date: 18.FEB.2025 23:27:43

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



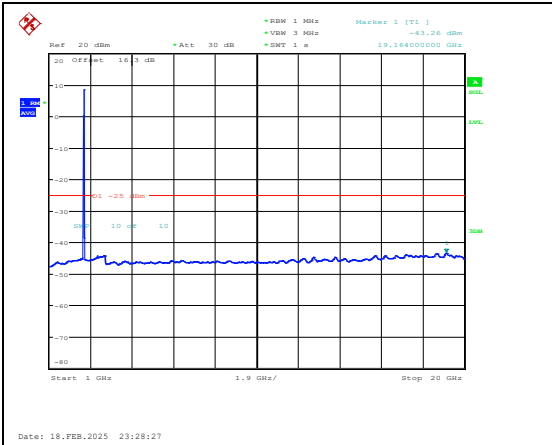
Date: 18.FEB.2025 23:27:58

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

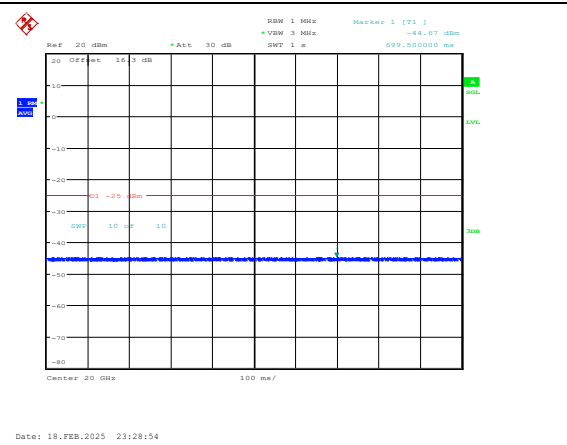


Date: 18.FEB.2025 23:28:12

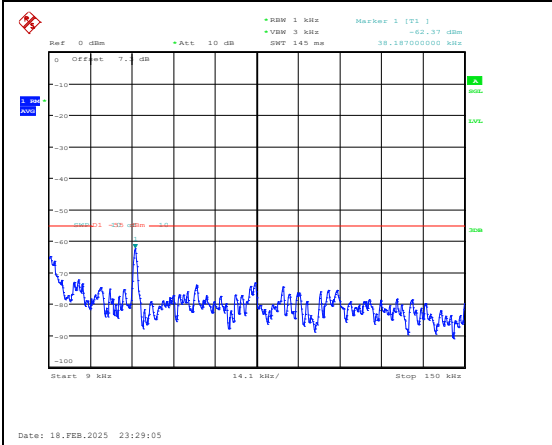
Band38-20MHz-16QAM-38000-1RB#0-30~1000-P
ASS



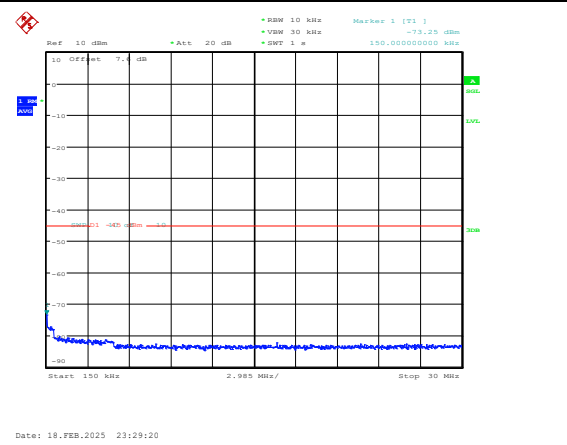
Band38-20MHz-16QAM-38000-1RB#0-1000~200
00-PASS



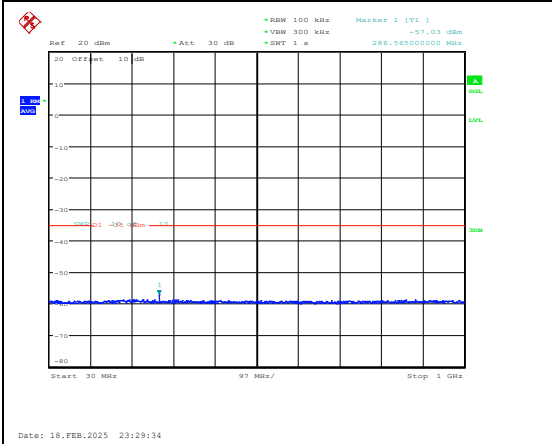
Band38-20MHz-16QAM-38000-1RB#0-20000~270
00-PASS



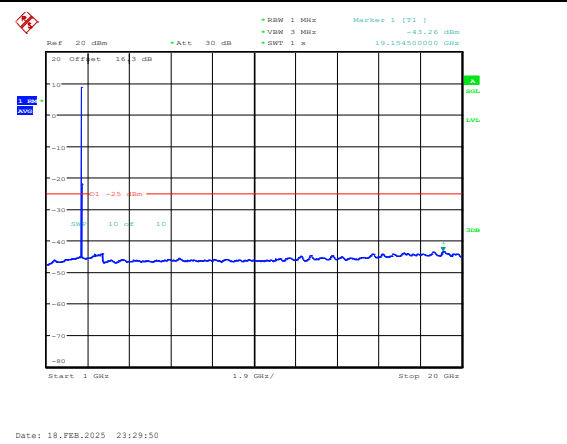
Band38-20MHz-QPSK-38150-1RB#0-0.009~0.15
-PASS



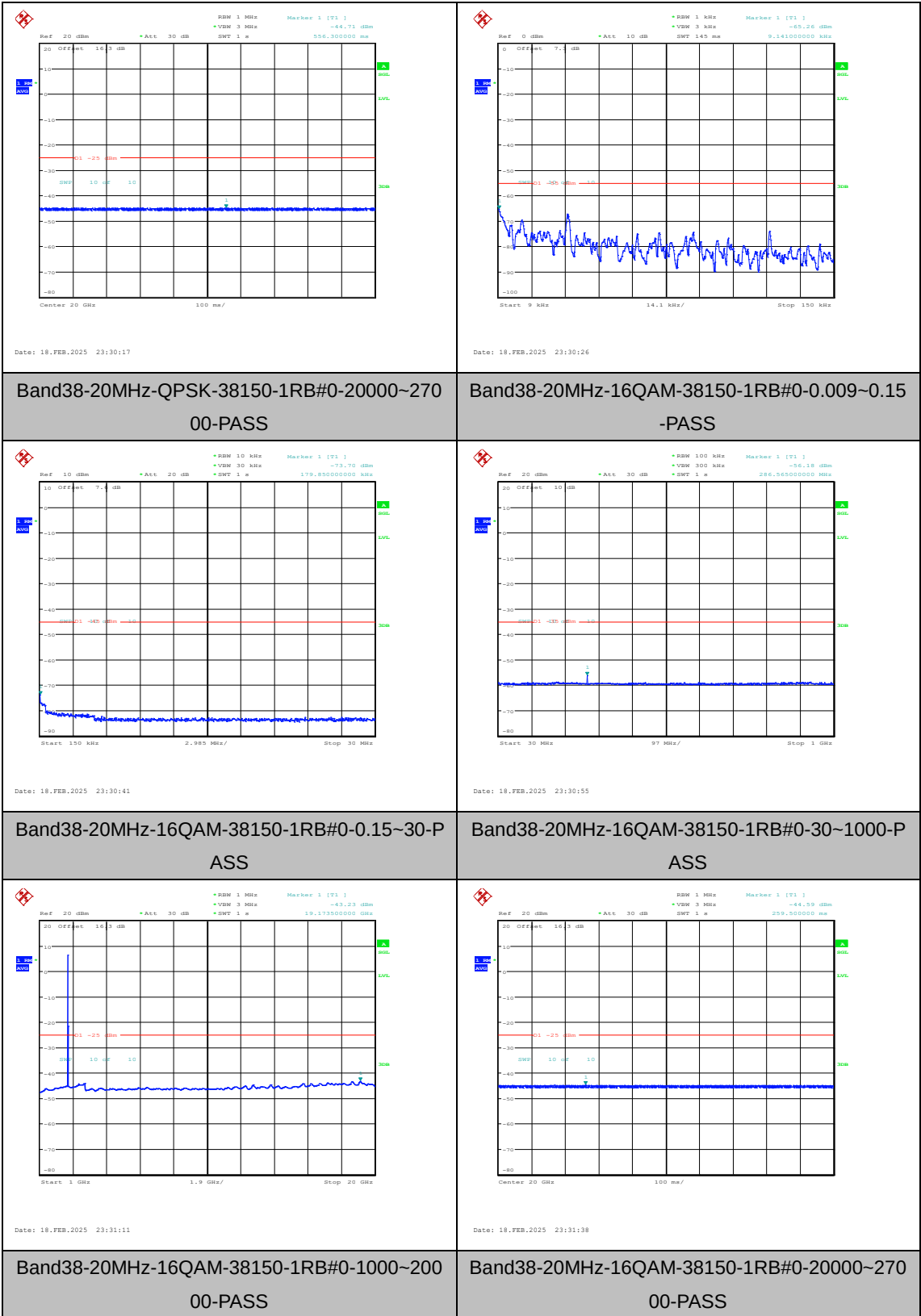
Band38-20MHz-QPSK-38150-1RB#0-0.15~30-PA
SS



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



Band38-20MHz-QPSK-38150-1RB#0-1000~20000
-PASS



Appendix F: 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	14.81	0.005757	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	VL	NT	10.57	0.004109	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	VH	NT	9.71	0.003775	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	VN	NT	-9.11	-0.003541	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	VL	NT	-10.43	-0.004054	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	VH	NT	-9.20	-0.003576	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	VN	NT	-7.02	-0.002705	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	VL	NT	5.11	0.001969	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	VH	NT	10.37	0.003996	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	VN	NT	19.74	0.007607	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	VL	NT	13.69	0.005276	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	VH	NT	15.62	0.006019	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	VN	NT	5.66	0.002162	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	VL	NT	-9.64	-0.003683	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	VH	NT	-9.30	-0.003553	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	VN	NT	-24.40	-0.009322	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	VL	NT	-18.81	-0.007186	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	VH	NT	-12.55	-0.004795	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	VN	NT	-4.78	-0.001856	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	VL	NT	3.56	0.001383	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	VH	NT	6.54	0.002540	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	VN	NT	-5.81	-0.002256	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	VL	NT	-8.88	-0.003449	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	VH	NT	-6.18	-0.002400	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	VN	NT	-6.77	-0.002609	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	VL	NT	-4.92	-0.001896	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	VH	NT	-7.34	-0.002829	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	VN	NT	3.85	0.001484	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	VL	NT	-3.18	-0.001225	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	VH	NT	-7.54	-0.002906	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	VN	NT	-15.55	-0.005946	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	VL	NT	-6.75	-0.002581	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	VH	NT	-9.51	-0.003637	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	VN	NT	-4.81	-0.001839	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	VL	NT	-7.87	-0.003010	±2.5	PASS

Band38	10MHz	16QAM	38200	50RB#0	VH	NT	-11.32	-0.004329	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	VN	NT	-7.00	-0.002716	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	VL	NT	-8.21	-0.003185	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	VH	NT	6.64	0.002576	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	VN	NT	3.39	0.001315	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	VL	NT	-6.49	-0.002518	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	VH	NT	-3.79	-0.001470	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	VN	NT	-9.60	-0.003699	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	VL	NT	-7.70	-0.002967	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	VH	NT	-3.86	-0.001487	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	VN	NT	-10.16	-0.003915	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	VL	NT	-7.02	-0.002705	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	VH	NT	-5.81	-0.002239	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	VN	NT	-8.96	-0.003430	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	VL	NT	-5.68	-0.002174	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	VH	NT	-6.90	-0.002641	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	VN	NT	-3.43	-0.001313	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	VL	NT	-10.51	-0.004023	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	VH	NT	-8.44	-0.003231	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VN	NT	-11.63	-0.004508	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VL	NT	-11.32	-0.004388	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VH	NT	6.59	0.002554	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VN	NT	-3.62	-0.001403	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VL	NT	-7.22	-0.002798	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VH	NT	-10.66	-0.004132	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VN	NT	8.63	0.003326	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VL	NT	-3.65	-0.001407	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VH	NT	-4.33	-0.001669	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VN	NT	-3.76	-0.001449	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VL	NT	-8.45	-0.003256	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VH	NT	2.86	0.001102	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VN	NT	6.35	0.002433	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VL	NT	3.66	0.001402	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VH	NT	-11.77	-0.004510	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VN	NT	-12.32	-0.004720	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VL	NT	-9.84	-0.003770	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VH	NT	-11.06	-0.004238	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict

Band38	5MHz	QPSK	37775	25RB#0	NV	-30	-5.56	-0.002161	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	-20	-9.33	-0.003627	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	-10	4.78	0.001858	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	0	-6.02	-0.002340	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	10	15.58	0.006056	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	20	-10.70	-0.004159	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	30	-8.08	-0.003141	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	40	-4.03	-0.001567	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	50	-9.44	-0.003670	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	-30	-5.09	-0.001979	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	-20	-6.02	-0.002340	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	-10	-7.74	-0.003009	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	0	-7.65	-0.002974	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	10	-9.84	-0.003825	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	20	-9.98	-0.003879	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	30	-10.16	-0.003949	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	40	-10.60	-0.004121	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	50	-7.22	-0.002807	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	-30	13.90	0.005356	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	-20	8.63	0.003326	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	-10	14.59	0.005622	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	0	12.45	0.004798	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	10	19.47	0.007503	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	20	14.31	0.005514	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	30	14.48	0.005580	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	40	15.26	0.005881	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	50	18.74	0.007222	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	-30	12.22	0.004709	±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	-10	16.49	0.006355	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	0	15.62	0.006019	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	10	19.18	0.007391	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	20	13.03	0.005021	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	30	16.19	0.006239	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	40	14.05	0.005414	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	50	15.44	0.005950	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	-30	-14.75	-0.005635	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	-20	-11.60	-0.004432	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	-10	-13.12	-0.005012	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	0	-15.51	-0.005926	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	10	-11.36	-0.004340	±2.5	PASS

Band38	5MHz	QPSK	38225	25RB#0	NV	20	-16.38	-0.006258	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	30	-21.60	-0.008252	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	40	-17.31	-0.006613	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	50	-17.88	-0.006831	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	-30	-20.67	-0.007897	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	-20	-20.89	-0.007981	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	-10	-20.71	-0.007912	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	0	-22.72	-0.008680	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	10	-24.52	-0.009368	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	20	-23.96	-0.009154	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	30	-27.64	-0.010560	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	40	-20.56	-0.007855	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	50	-22.36	-0.008543	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	-30	-8.63	-0.003351	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	-20	-6.14	-0.002384	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	-10	-5.51	-0.002140	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	0	-9.80	-0.003806	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	10	-8.97	-0.003483	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	20	-5.84	-0.002268	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	30	-7.20	-0.002796	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	40	-5.14	-0.001996	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	50	-5.62	-0.002183	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	-30	-5.59	-0.002171	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	-20	-4.22	-0.001639	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	-10	-6.02	-0.002338	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	0	-8.04	-0.003122	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	10	4.53	0.001759	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	20	-2.55	-0.000990	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	30	7.71	0.002994	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	40	-10.74	-0.004171	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	50	-6.45	-0.002505	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	-30	-5.49	-0.002116	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	-20	-4.95	-0.001908	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	-10	-3.46	-0.001333	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	0	-9.18	-0.003538	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	10	-9.53	-0.003672	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	20	-12.95	-0.004990	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	30	-10.63	-0.004096	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	40	-9.94	-0.003830	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	50	-6.82	-0.002628	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	-30	-8.57	-0.003303	±2.5	PASS

Band38	10MHz	16QAM	38000	50RB#0	NV	-20	-8.14	-0.003137	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	-10	-7.65	-0.002948	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	0	-10.83	-0.004173	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	10	-9.41	-0.003626	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	20	-11.63	-0.004482	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	30	-9.58	-0.003692	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	40	-8.60	-0.003314	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	50	-8.13	-0.003133	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	-30	-11.56	-0.004421	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	-20	-9.56	-0.003656	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	-10	-9.53	-0.003644	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	0	6.02	0.002302	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	10	-4.99	-0.001908	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	20	-10.53	-0.004027	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	30	-9.50	-0.003633	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	40	-8.18	-0.003128	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	50	-8.05	-0.003078	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	-30	-12.97	-0.004960	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	-20	-7.71	-0.002948	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	-10	-10.93	-0.004180	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	0	-11.42	-0.004367	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	10	-9.74	-0.003725	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	20	-10.63	-0.004065	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	30	-5.74	-0.002195	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	40	-8.97	-0.003430	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	50	-8.47	-0.003239	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	-30	-8.34	-0.003236	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	-20	-2.85	-0.001106	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	-10	3.56	0.001381	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	0	-5.45	-0.002114	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	10	-7.58	-0.002941	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	20	-3.39	-0.001315	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	30	-4.61	-0.001789	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	40	5.92	0.002297	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	50	-5.19	-0.002014	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	-30	-8.63	-0.003348	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	-20	-6.98	-0.002708	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	-10	7.77	0.003015	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	0	-11.10	-0.004306	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	10	-3.88	-0.001505	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	20	-10.96	-0.004252	±2.5	PASS

Band38	15MHz	16QAM	37825	75RB#0	NV	30	2.36	0.000916	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	40	-5.04	-0.001955	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	50	-12.02	-0.004663	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	-30	-8.96	-0.003453	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	-20	-6.85	-0.002640	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	-10	-9.21	-0.003549	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	0	-6.47	-0.002493	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	10	-7.37	-0.002840	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	20	8.14	0.003137	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	30	-4.52	-0.001742	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	40	-11.73	-0.004520	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	50	-11.77	-0.004536	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	-30	-7.98	-0.003075	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	-20	-6.67	-0.002570	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	-10	-7.95	-0.003064	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	0	-8.27	-0.003187	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	10	-8.75	-0.003372	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	20	-11.80	-0.004547	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	30	-6.69	-0.002578	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	40	-5.28	-0.002035	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	50	-7.42	-0.002859	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	-30	-9.21	-0.003525	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	-20	-11.56	-0.004425	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	-10	-8.17	-0.003127	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	0	-8.97	-0.003433	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	10	-15.78	-0.006040	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	20	-4.35	-0.001665	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	30	-6.19	-0.002369	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	40	-7.94	-0.003039	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	50	7.22	0.002764	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	-30	-6.37	-0.002438	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	-20	-9.13	-0.003495	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	-10	-5.54	-0.002121	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	0	-10.13	-0.003878	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	10	-6.98	-0.002672	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	20	-5.59	-0.002140	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	30	-9.21	-0.003525	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	40	7.38	0.002825	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	50	-8.65	-0.003311	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-30	-4.79	-0.001857	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-20	-5.12	-0.001984	±2.5	PASS

Band38	20MHz	QPSK	37850	100RB#0	NV	-10	-4.26	-0.001651	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	0	-5.31	-0.002058	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	10	-6.81	-0.002640	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	20	-13.30	-0.005155	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	30	-7.48	-0.002899	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	40	-4.82	-0.001868	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	50	-7.42	-0.002876	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-30	-7.80	-0.003023	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-20	-3.56	-0.001380	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-10	-6.51	-0.002523	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	0	-6.78	-0.002628	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	10	4.09	0.001585	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	20	-5.91	-0.002291	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	30	-6.71	-0.002601	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	40	-6.75	-0.002616	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	50	-9.67	-0.003748	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-30	-8.08	-0.003114	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-20	-7.82	-0.003013	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-10	-4.32	-0.001665	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	0	-5.04	-0.001942	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	10	-9.28	-0.003576	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	20	-4.53	-0.001746	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	30	-3.40	-0.001310	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	40	-8.51	-0.003279	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	50	-4.76	-0.001834	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-30	-3.66	-0.001410	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-20	5.49	0.002116	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-10	-3.62	-0.001395	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	0	-7.95	-0.003064	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	10	-2.33	-0.000898	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	20	-8.81	-0.003395	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	30	-5.92	-0.002281	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	40	-5.22	-0.002012	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	50	-7.84	-0.003021	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-30	-7.25	-0.002778	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-20	-6.98	-0.002674	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-10	-4.85	-0.001858	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	0	-4.92	-0.001885	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	10	-12.50	-0.004789	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	20	-7.64	-0.002927	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	30	-7.17	-0.002747	±2.5	PASS

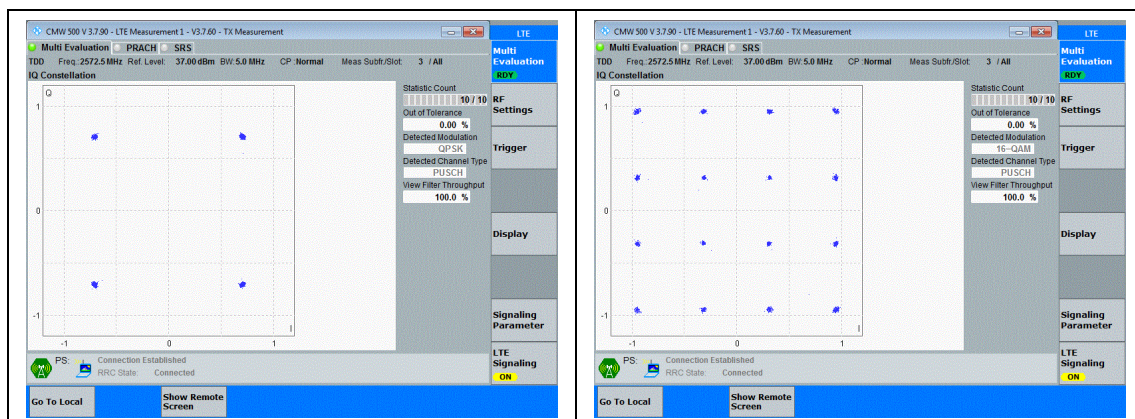
Band38	20MHz	QPSK	38150	100RB#0	NV	40	-9.74	-0.003732	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	50	-5.64	-0.002161	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-30	-5.71	-0.002188	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-20	3.23	0.001238	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-10	-4.68	-0.001793	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	0	-4.75	-0.001820	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	10	-16.51	-0.006326	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	20	-1.87	-0.000716	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	30	-11.17	-0.004280	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	40	-6.24	-0.002391	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	50	-4.28	-0.001640	±2.5	PASS

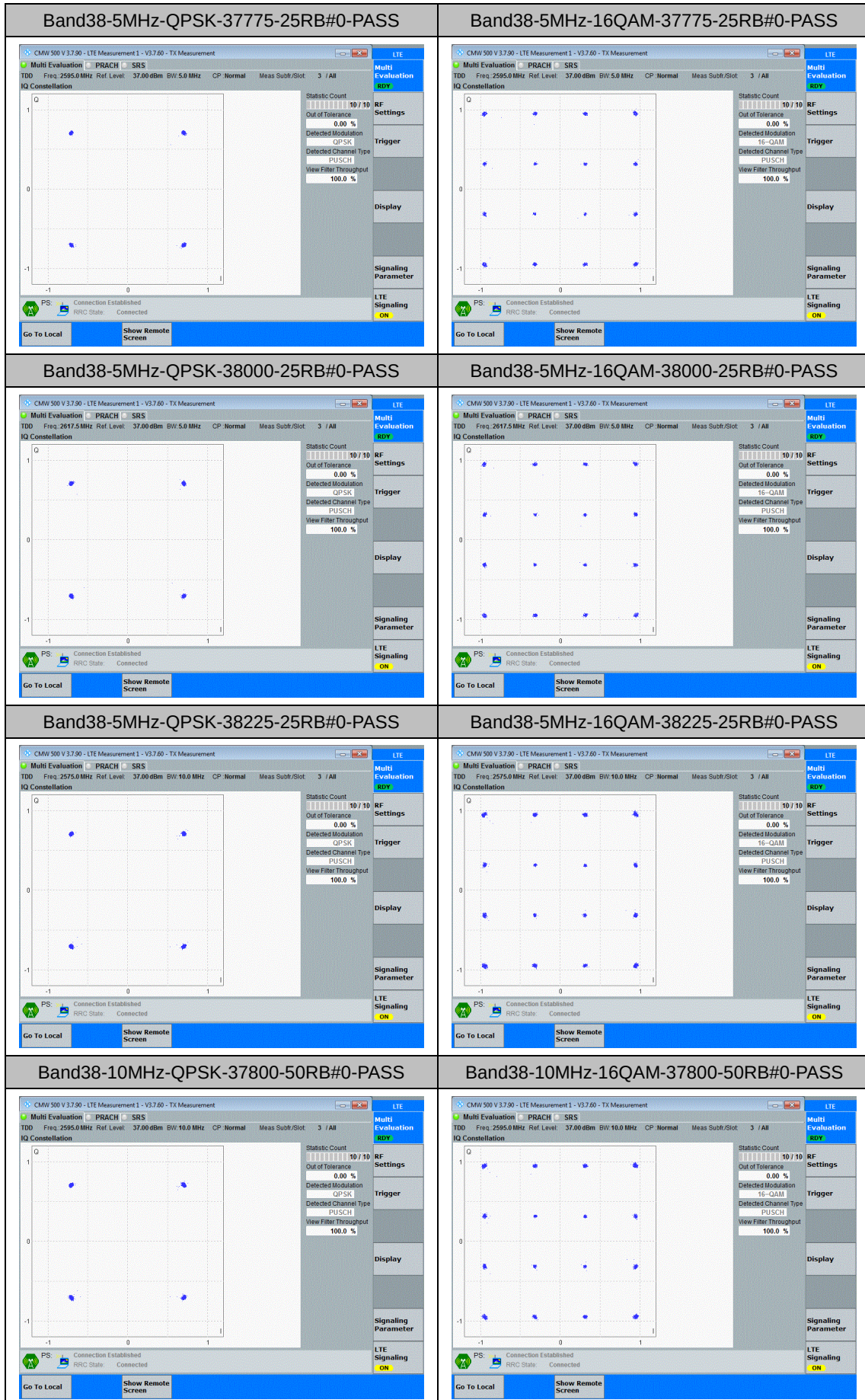
Appendix G: Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Verdict
Band38	5MHz	QPSK	37775	25RB#0	PASS
Band38	5MHz	16QAM	37775	25RB#0	PASS
Band38	5MHz	QPSK	38000	25RB#0	PASS
Band38	5MHz	16QAM	38000	25RB#0	PASS
Band38	5MHz	QPSK	38225	25RB#0	PASS
Band38	5MHz	16QAM	38225	25RB#0	PASS
Band38	10MHz	QPSK	37800	50RB#0	PASS
Band38	10MHz	16QAM	37800	50RB#0	PASS
Band38	10MHz	QPSK	38000	50RB#0	PASS
Band38	10MHz	16QAM	38000	50RB#0	PASS
Band38	10MHz	QPSK	38200	50RB#0	PASS
Band38	10MHz	16QAM	38200	50RB#0	PASS
Band38	15MHz	QPSK	37825	75RB#0	PASS
Band38	15MHz	16QAM	37825	75RB#0	PASS
Band38	15MHz	QPSK	38000	75RB#0	PASS
Band38	15MHz	16QAM	38000	75RB#0	PASS
Band38	15MHz	QPSK	38175	75RB#0	PASS
Band38	15MHz	16QAM	38175	75RB#0	PASS
Band38	20MHz	QPSK	37850	100RB#0	PASS
Band38	20MHz	16QAM	37850	100RB#0	PASS
Band38	20MHz	QPSK	38000	100RB#0	PASS
Band38	20MHz	16QAM	38000	100RB#0	PASS
Band38	20MHz	QPSK	38150	100RB#0	PASS
Band38	20MHz	16QAM	38150	100RB#0	PASS

Test Graphs





Band38-10MHz-QPSK-38000-50RB#0-PASS	Band38-10MHz-16QAM-38000-50RB#0-PASS
Band38-10MHz-QPSK-38200-50RB#0-PASS	Band38-10MHz-16QAM-38200-50RB#0-PASS
Band38-15MHz-QPSK-37825-75RB#0-PASS	Band38-15MHz-16QAM-37825-75RB#0-PASS
Band38-15MHz-QPSK-38000-75RB#0-PASS	Band38-15MHz-16QAM-38000-75RB#0-PASS

