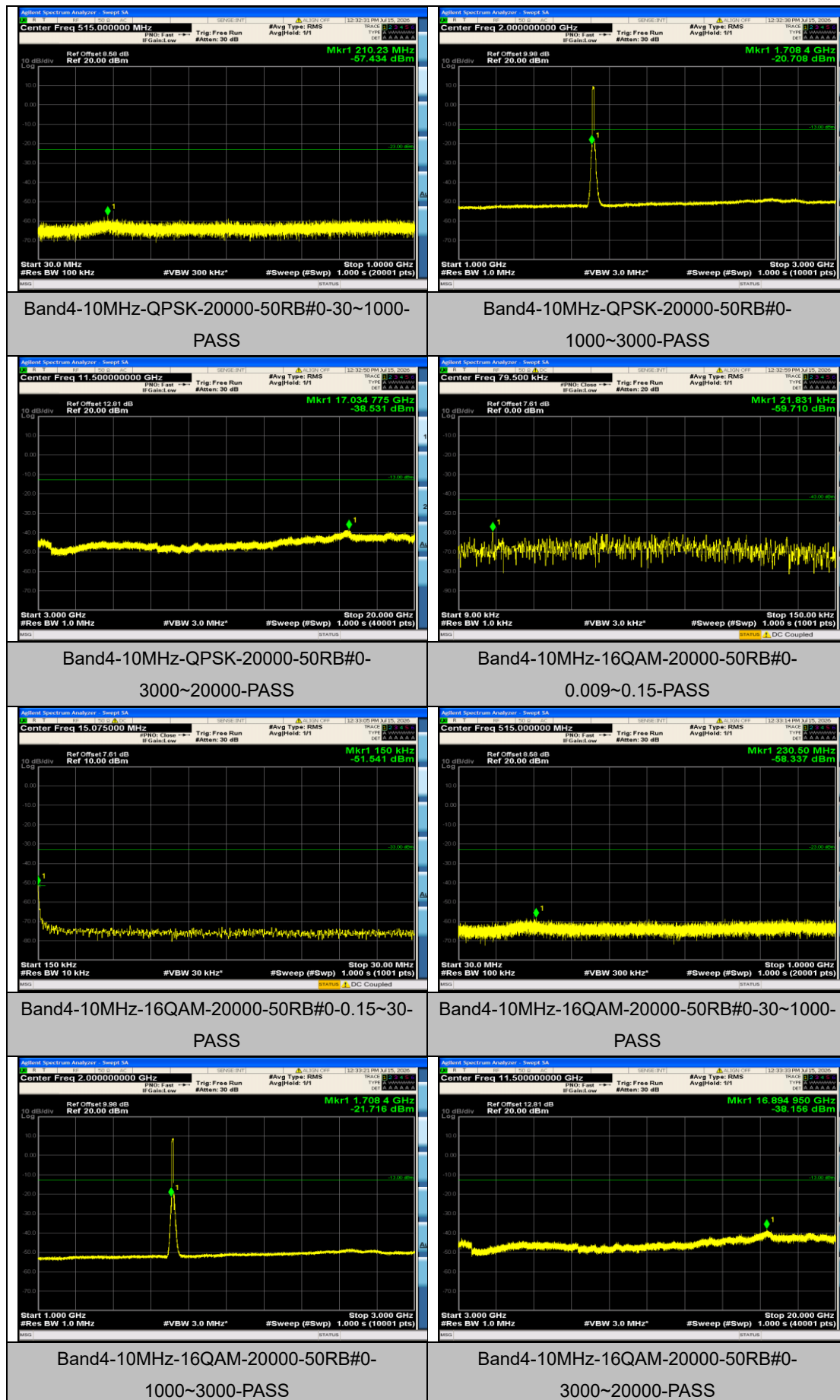
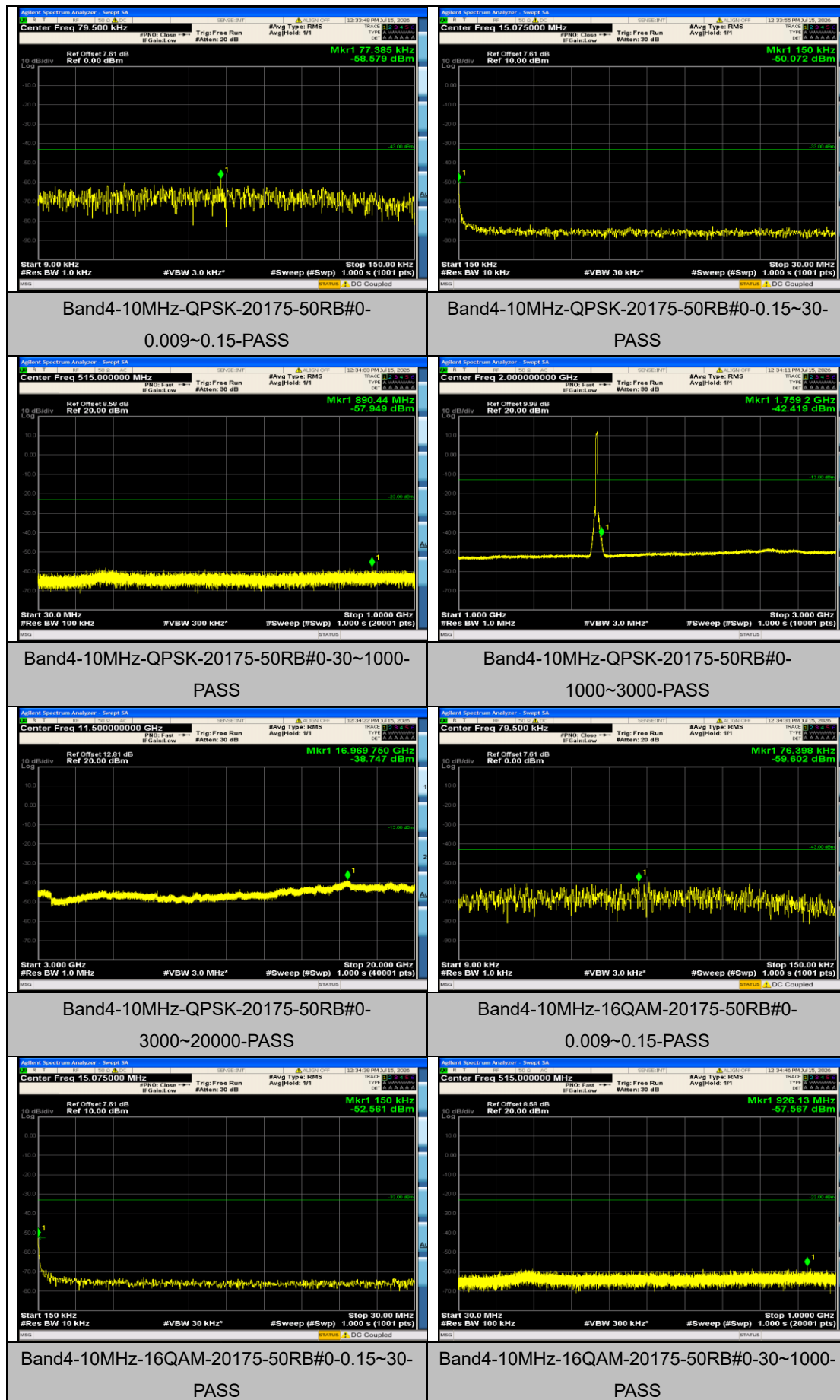
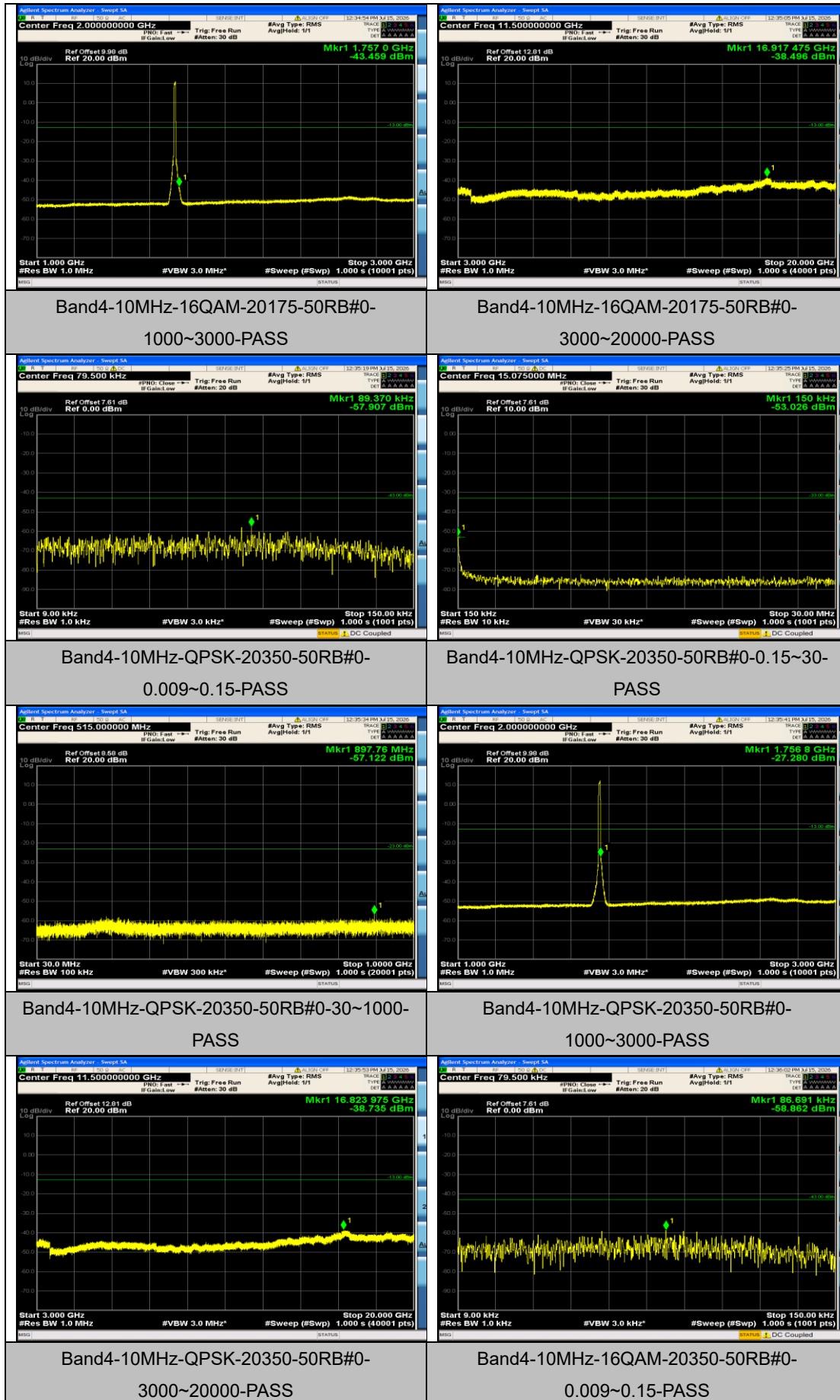
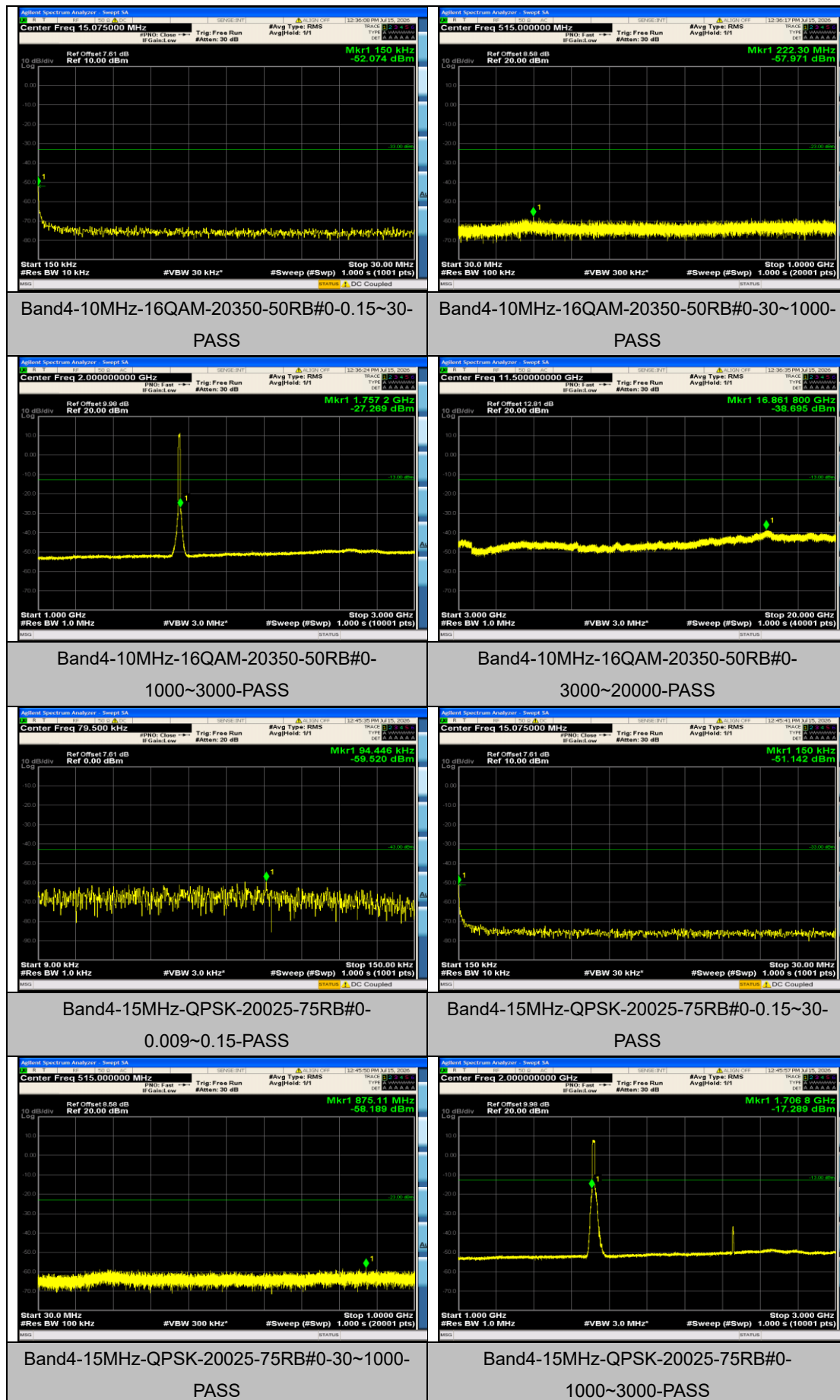
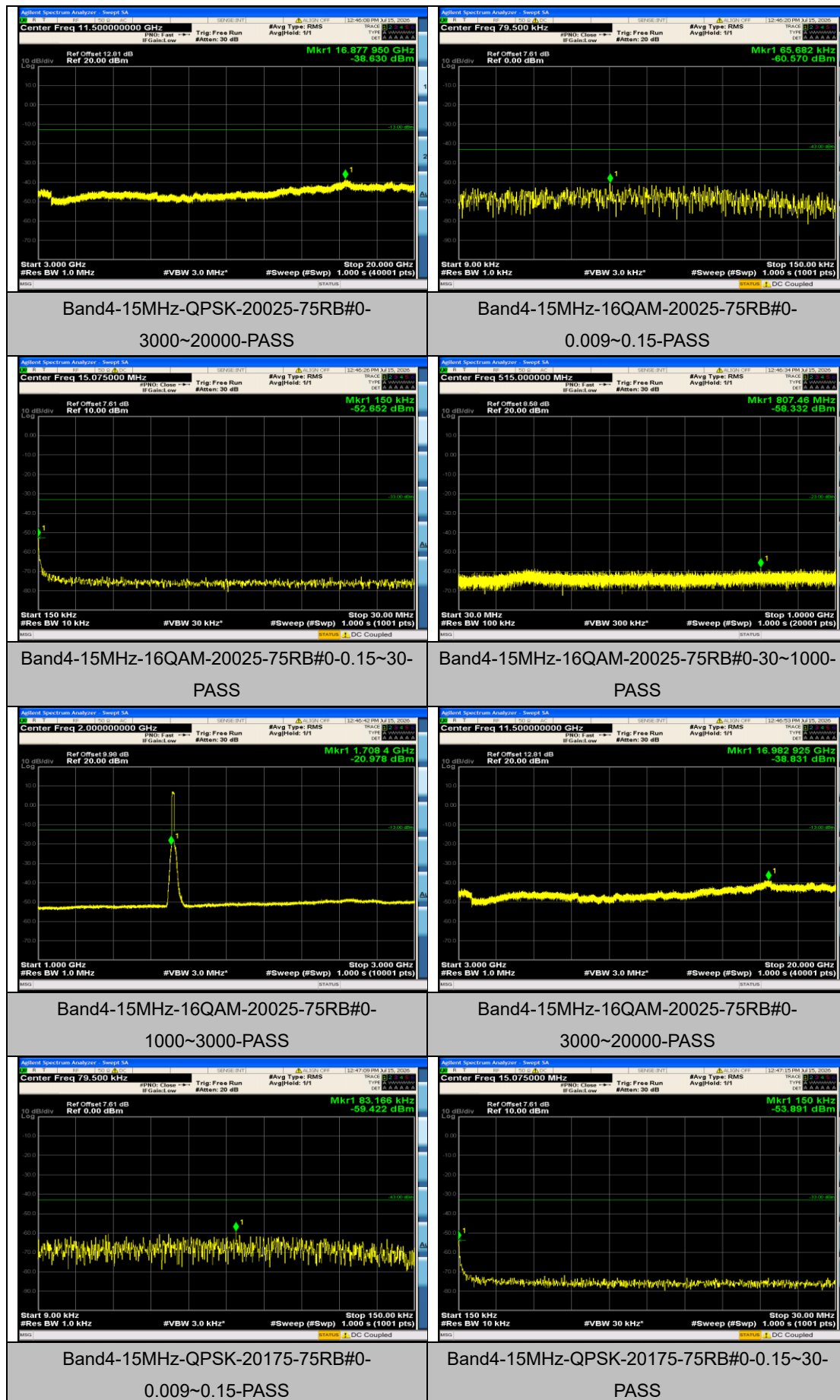


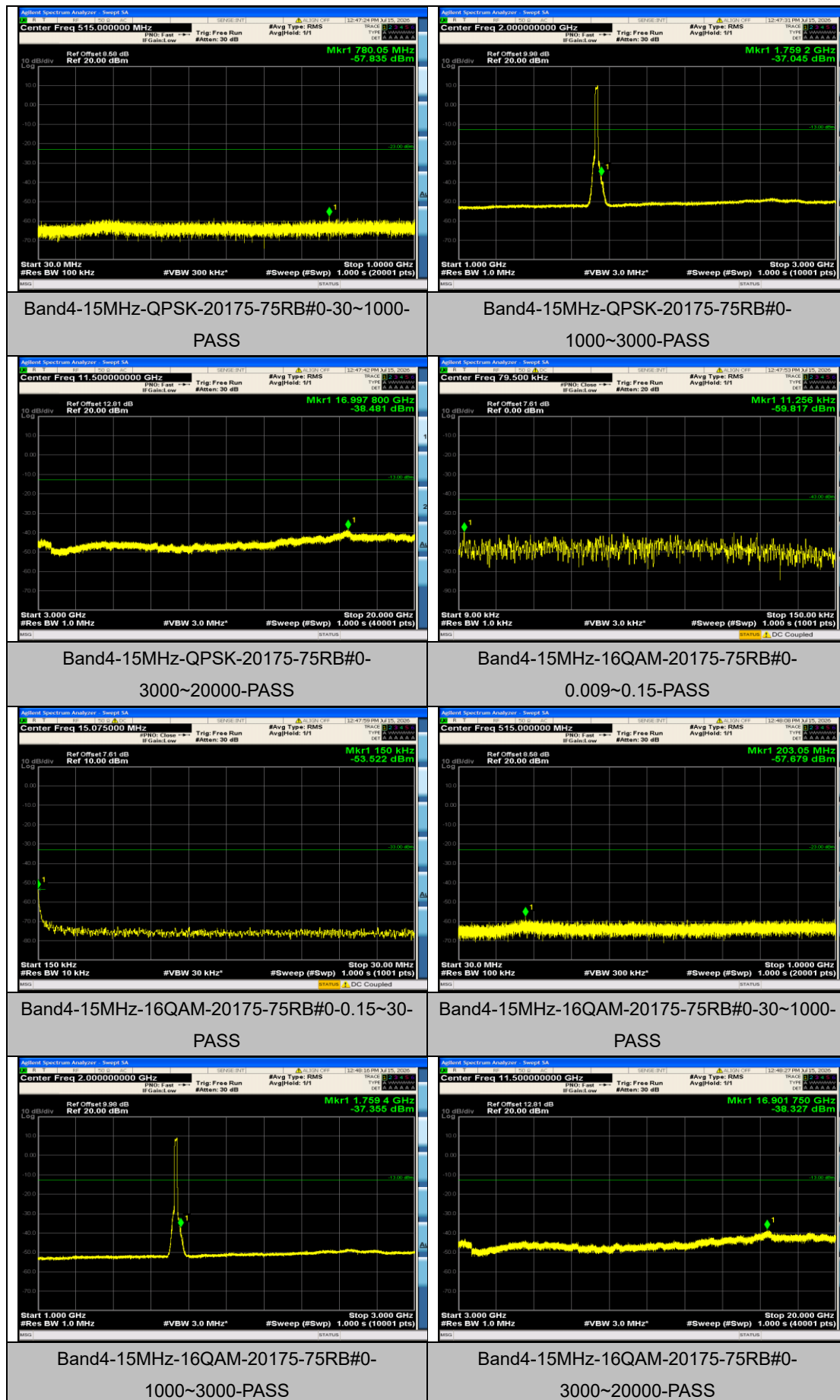


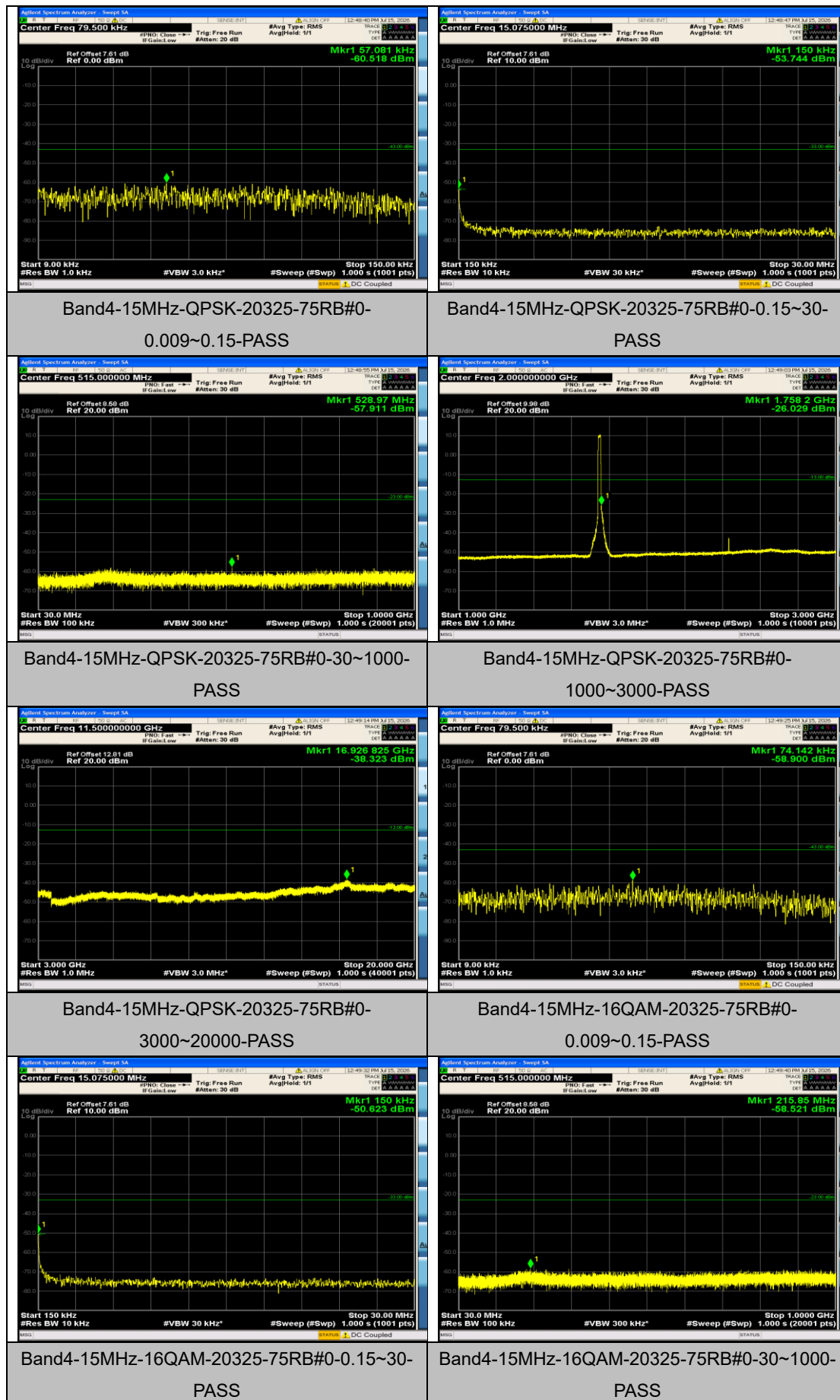


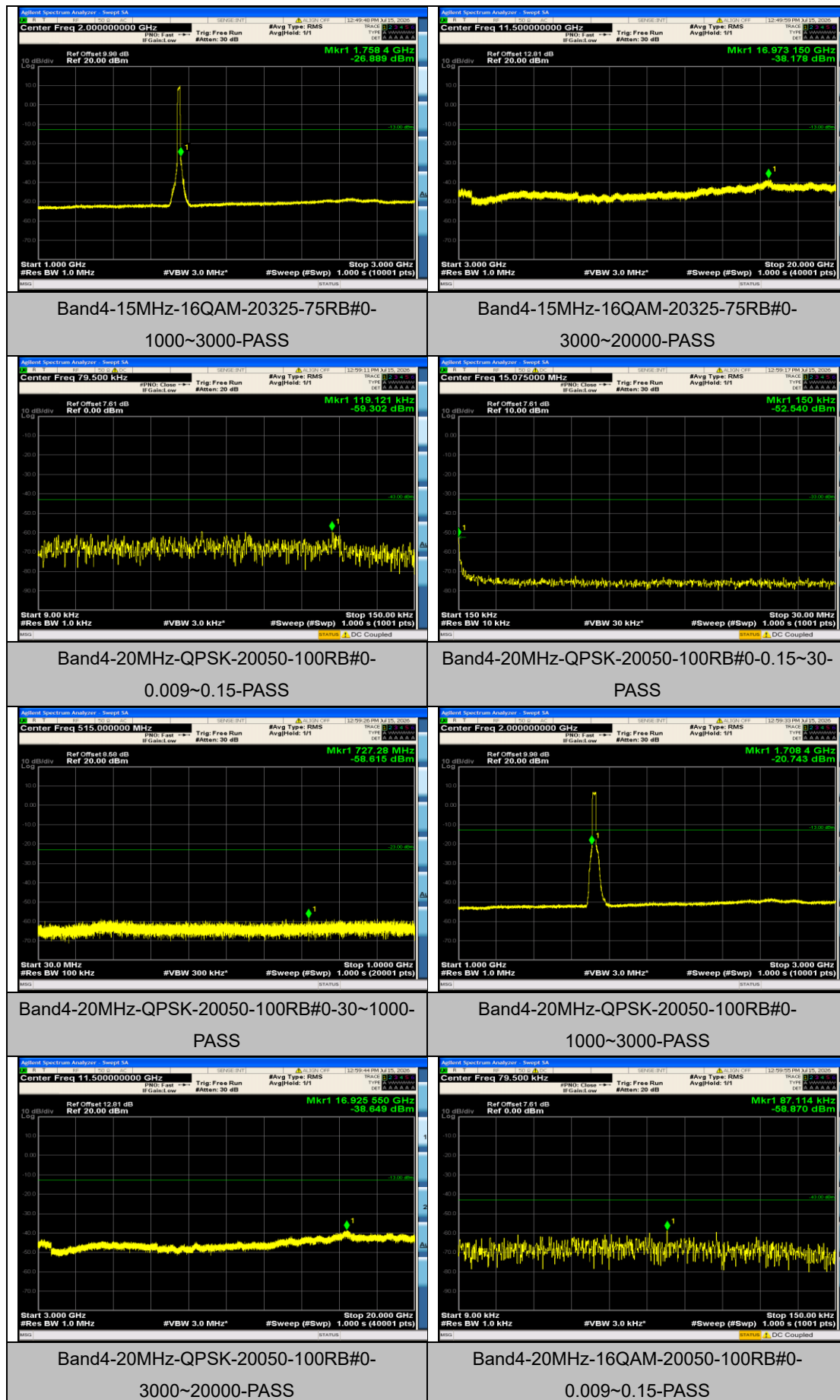


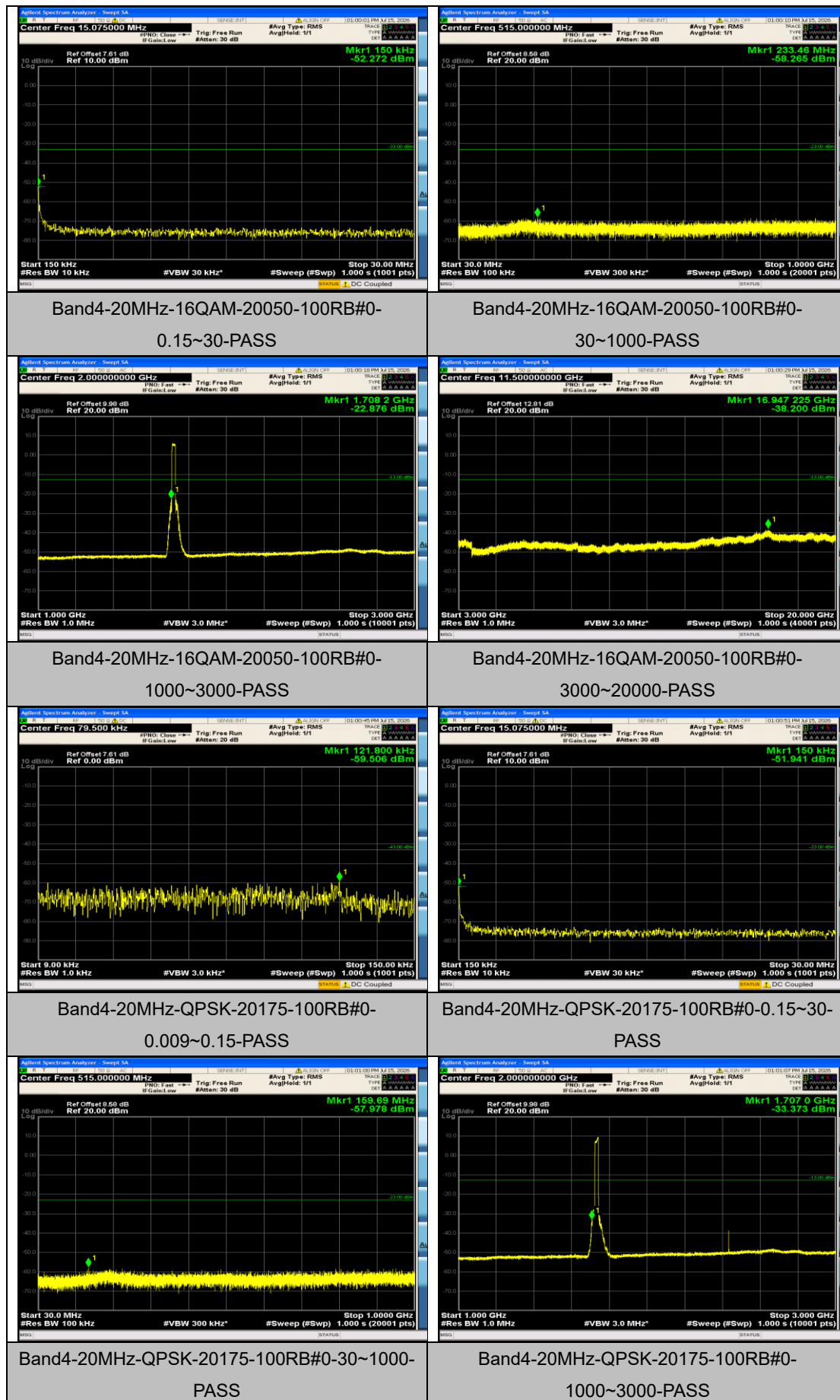


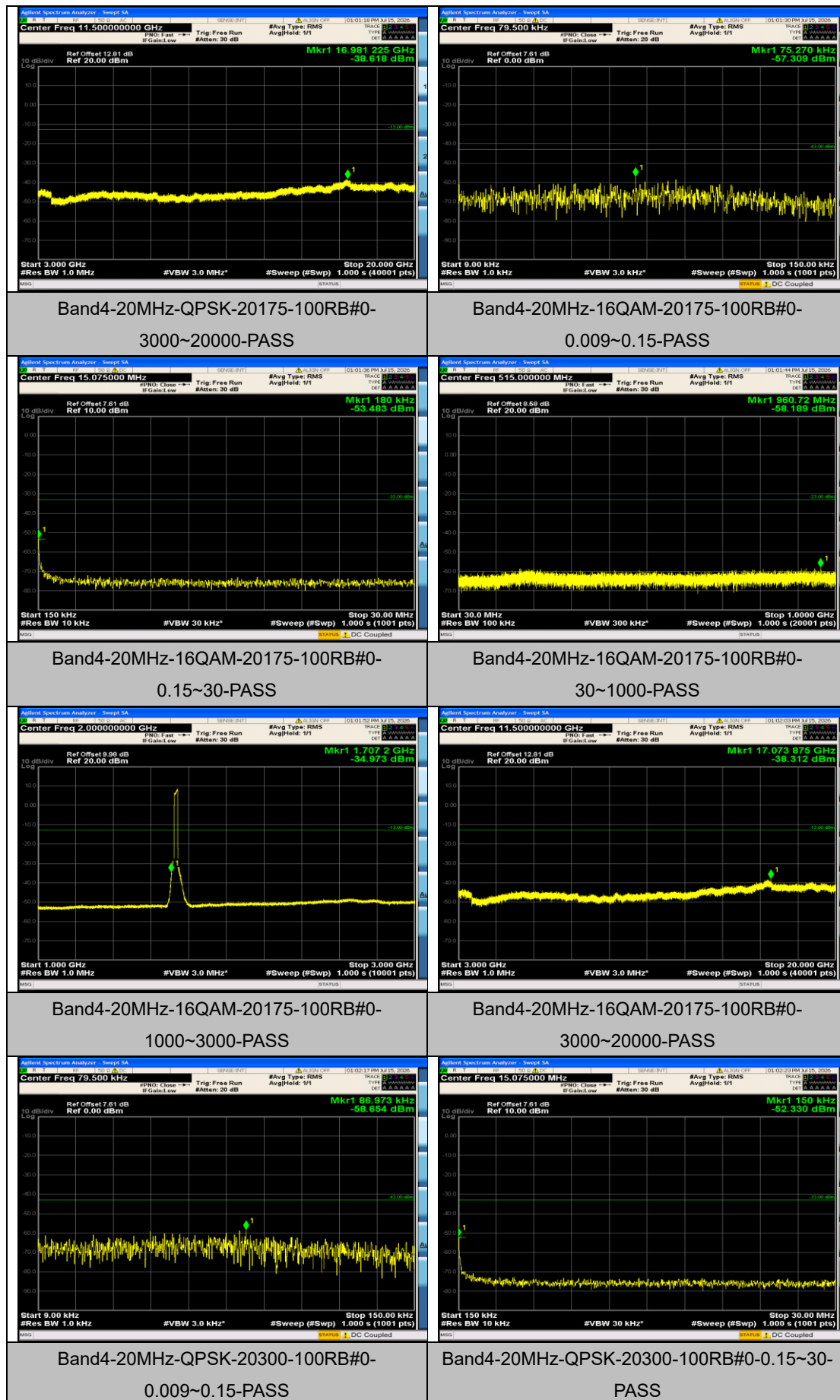


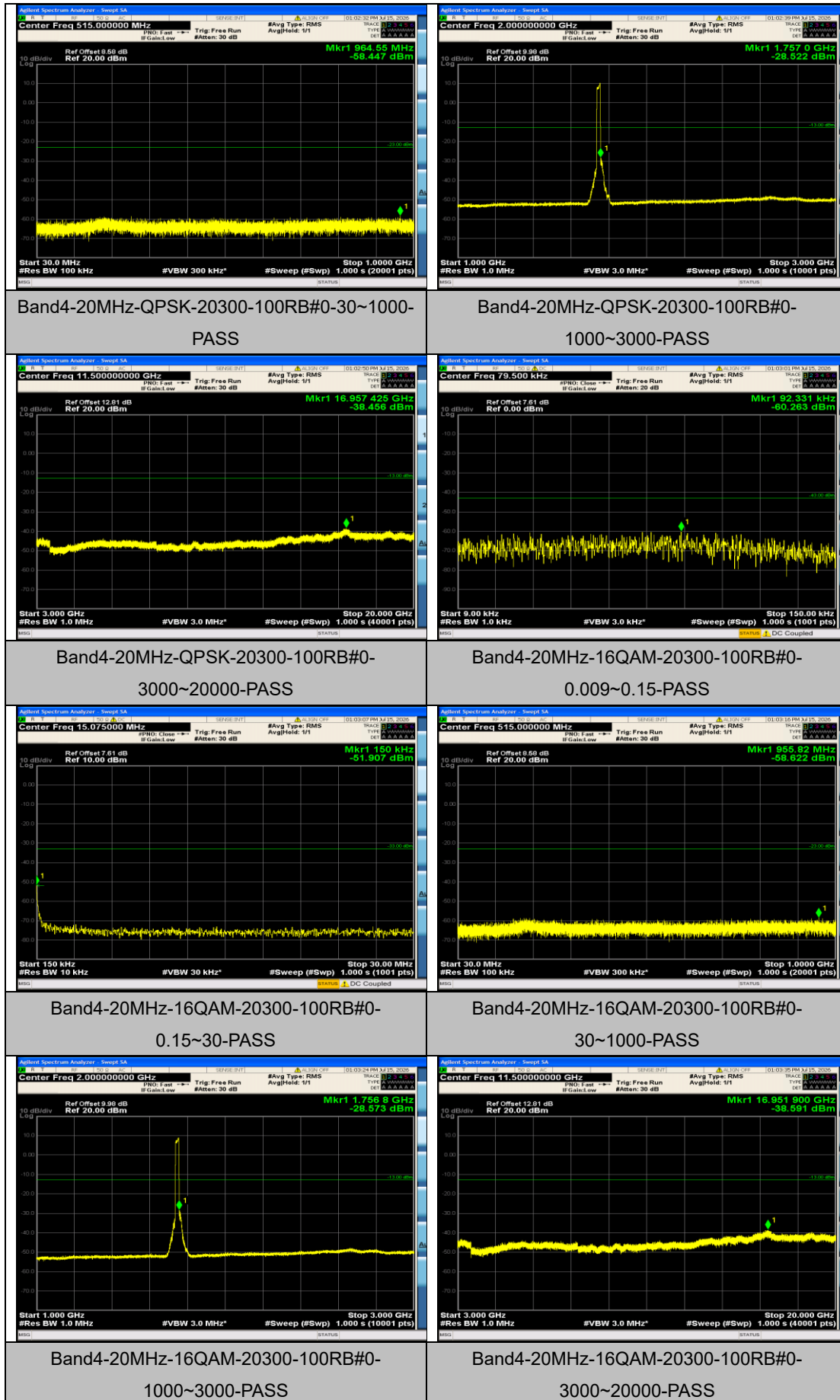












Appendix F: Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Temperature					
					Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-30	-41.66	-0.024353	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-20	-12.10	-0.007073	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-10	-20.36	-0.011902	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	0	-30.14	-0.017619	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	10	-31.83	-0.018606	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	20	-35.76	-0.020904	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	30	-44.29	-0.025890	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	40	-11.50	-0.006722	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	50	-15.89	-0.009289	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-30	-26.99	-0.015777	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-20	-24.58	-0.014368	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-10	-26.71	-0.015613	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	0	-29.61	-0.017309	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	10	-27.65	-0.016163	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	20	-28.14	-0.016449	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	30	-31.39	-0.018349	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	40	-31.80	-0.018589	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	50	-37.21	-0.021751	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-30	-29.17	-0.016837	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-20	-40.84	-0.023573	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-10	-10.37	-0.005986	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	0	-20.91	-0.012069	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	10	-27.31	-0.015763	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	20	-38.18	-0.022038	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	30	-41.50	-0.023954	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	40	-15.62	-0.009016	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	50	-25.82	-0.014903	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-30	-10.57	-0.006101	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-20	-10.66	-0.006153	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-10	-9.90	-0.005714	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	0	-13.62	-0.007861	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	10	-19.15	-0.011053	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	20	-24.52	-0.014153	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	30	-26.88	-0.015515	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	40	-32.74	-0.018898	±2.5	PASS

Band4	1.4MHz	16QAM	20175	6RB#0	NV	50	-30.91	-0.017841	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-30	-23.30	-0.013282	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-20	-31.51	-0.017962	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-10	-29.71	-0.016936	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	0	-32.96	-0.018788	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	10	-36.46	-0.020783	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	20	-37.49	-0.021370	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	30	-37.28	-0.021251	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	40	5.32	0.003033	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	50	6.81	0.003882	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-30	-4.49	-0.002559	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-20	3.92	0.002235	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-10	2.72	0.001550	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	0	4.96	0.002827	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	10	9.28	0.005290	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	20	13.23	0.007541	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	30	12.55	0.007154	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	40	11.90	0.006783	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	50	16.52	0.009417	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	-30	-28.37	-0.016576	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	-20	-33.30	-0.019457	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	-10	20.74	0.012118	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	0	18.37	0.010733	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	10	15.89	0.009284	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	20	12.00	0.007011	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	30	7.35	0.004294	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	40	7.10	0.004148	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	50	5.54	0.003237	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	-30	-3.96	-0.002314	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	-20	5.97	0.003488	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	-10	6.84	0.003996	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	0	5.24	0.003062	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	10	5.18	0.003027	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	20	7.95	0.004645	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	30	10.23	0.005977	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	40	14.43	0.008431	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	50	17.58	0.010272	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	-30	9.66	0.005576	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	-20	-6.08	-0.003509	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	-10	-14.29	-0.008248	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	0	-22.92	-0.013229	±2.5	PASS

Band4	3MHz	QPSK	20175	15RB#0	NV	10	-32.66	-0.018851	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	20	-32.96	-0.019025	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	30	-38.91	-0.022459	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	40	-43.03	-0.024837	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	50	11.40	0.006580	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	-30	-7.80	-0.004502	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	-20	-12.42	-0.007169	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	-10	-19.90	-0.011486	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	0	-16.28	-0.009397	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	10	-17.68	-0.010205	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	20	-14.66	-0.008462	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	30	-17.34	-0.010009	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	40	-17.38	-0.010032	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	50	-20.34	-0.011740	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	-30	-17.67	-0.010077	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	-20	-20.69	-0.011799	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	-10	-25.21	-0.014377	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	0	-29.90	-0.017052	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	10	-34.12	-0.019458	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	20	-37.45	-0.021357	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	30	-40.25	-0.022954	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	40	-44.99	-0.025657	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	50	-48.45	-0.027630	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	-30	36.95	0.021072	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	-20	37.44	0.021352	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	-10	42.97	0.024505	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	0	38.92	0.022196	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	10	41.74	0.023804	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	20	43.60	0.024865	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	30	43.75	0.024950	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	40	41.43	0.023627	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	50	38.01	0.021677	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	-30	-18.00	-0.010511	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	-20	-20.74	-0.012111	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	-10	-24.53	-0.014324	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	0	-24.00	-0.014015	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	10	-27.54	-0.016082	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	20	-30.10	-0.017577	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	30	-27.72	-0.016187	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	40	-25.59	-0.014943	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	50	-25.31	-0.014780	±2.5	PASS

Band4	5MHz	16QAM	19975	25RB#0	NV	-30	-19.28	-0.011258	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	-20	-12.62	-0.007369	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	-10	-6.59	-0.003848	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	0	-4.62	-0.002698	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	10	-5.75	-0.003358	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	20	-3.19	-0.001863	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	30	-3.91	-0.002283	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	40	-4.15	-0.002423	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	50	-7.45	-0.004350	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	-30	-30.51	-0.017610	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	-20	-39.25	-0.022655	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	-10	-41.41	-0.023902	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	0	-49.27	-0.028439	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	10	-6.61	-0.003815	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	20	-9.87	-0.005697	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	30	-21.14	-0.012202	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	40	-23.35	-0.013478	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	50	-20.41	-0.011781	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	-30	-31.49	-0.018176	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	-20	-33.73	-0.019469	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	-10	-33.32	-0.019232	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	0	-33.90	-0.019567	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	10	-33.16	-0.019140	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	20	-32.97	-0.019030	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	30	-38.31	-0.022113	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	40	-38.04	-0.021957	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	50	-37.47	-0.021628	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	-30	-7.31	-0.004171	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	-20	-14.92	-0.008514	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	-10	-15.52	-0.008856	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	0	-22.97	-0.013107	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	10	-24.30	-0.013866	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	20	-27.15	-0.015492	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	30	-29.44	-0.016799	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	40	-35.45	-0.020228	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	50	-39.63	-0.022613	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	-30	-30.68	-0.017506	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	-20	-30.24	-0.017255	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	-10	-30.63	-0.017478	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	0	-31.53	-0.017991	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	10	-31.11	-0.017752	±2.5	PASS

Band4	5MHz	16QAM	20375	25RB#0	NV	20	-28.60	-0.016320	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	30	-28.82	-0.016445	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	40	-22.19	-0.012662	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	50	-24.40	-0.013923	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	-30	-2.72	-0.001586	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	-20	-6.54	-0.003813	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	-10	-5.56	-0.003242	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	0	-8.24	-0.004805	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	10	-10.69	-0.006233	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	20	-11.10	-0.006472	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	30	-8.93	-0.005207	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	40	-12.70	-0.007405	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	50	-9.41	-0.005487	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	-30	15.38	0.008968	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	-20	19.24	0.011219	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	-10	21.26	0.012397	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	0	24.85	0.014490	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	10	27.27	0.015901	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	20	29.94	0.017458	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	30	38.18	0.022262	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	40	41.21	0.024029	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	50	5.82	0.003394	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	-30	-43.42	-0.025062	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	-20	3.95	0.002280	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	-10	-16.99	-0.009807	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	0	-25.18	-0.014534	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	10	-31.94	-0.018436	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	20	-39.55	-0.022828	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	30	-38.11	-0.021997	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	40	13.86	0.008000	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	50	5.42	0.003128	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	-30	-16.26	-0.009385	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	-20	-16.11	-0.009299	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	-10	-23.55	-0.013593	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	0	-25.26	-0.014580	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	10	-28.62	-0.016519	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	20	-32.86	-0.018967	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	30	-34.15	-0.019711	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	40	9.73	0.005616	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	50	9.31	0.005374	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	-30	27.15	0.015514	±2.5	PASS

Band4	10MHz	QPSK	20350	50RB#0	NV	-20	22.40	0.012800	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	-10	26.45	0.015114	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	0	29.53	0.016874	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	10	20.56	0.011749	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	20	18.47	0.010554	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	30	16.98	0.009703	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	40	15.39	0.008794	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	50	15.69	0.008966	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	-30	15.98	0.009131	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	-20	18.11	0.010349	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	-10	16.47	0.009411	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	0	19.83	0.011331	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	10	18.88	0.010789	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	20	20.23	0.011560	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	30	18.05	0.010314	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	40	15.84	0.009051	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	50	19.53	0.011160	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	-30	-28.18	-0.016408	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	-20	-26.22	-0.015266	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	-10	-29.14	-0.016967	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	0	-28.74	-0.016734	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	10	-21.74	-0.012658	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	20	-21.20	-0.012344	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	30	-22.46	-0.013077	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	40	-20.77	-0.012093	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	50	-18.32	-0.010667	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	-30	4.75	0.002766	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	-20	2.99	0.001741	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	-10	6.91	0.004023	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	0	5.76	0.003354	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	10	6.54	0.003808	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	20	9.06	0.005275	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	30	7.54	0.004390	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	40	10.04	0.005846	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	50	11.04	0.006428	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	-30	-46.51	-0.026846	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	-20	-7.50	-0.004329	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	-10	-16.64	-0.009605	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	0	-23.50	-0.013564	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	10	-31.94	-0.018436	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	20	22.27	0.012854	±2.5	PASS

Band4	15MHz	QPSK	20175	75RB#0	NV	30	18.07	0.010430	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	40	19.17	0.011065	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	50	16.29	0.009403	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	-30	-5.79	-0.003342	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	-20	-7.64	-0.004410	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	-10	-7.44	-0.004294	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	0	4.15	0.002395	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	10	3.71	0.002141	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	20	-4.42	-0.002551	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	30	-5.85	-0.003377	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	40	-9.30	-0.005368	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	50	-7.84	-0.004525	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	-30	11.97	0.006850	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	-20	10.41	0.005957	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	-10	6.82	0.003903	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	0	5.18	0.002964	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	10	8.64	0.004944	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	20	7.71	0.004412	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	30	-5.28	-0.003021	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	40	-12.95	-0.007411	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	50	-18.47	-0.010569	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	-30	-26.28	-0.015039	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	-20	-23.05	-0.013190	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	-10	-26.04	-0.014901	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	0	-28.52	-0.016320	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	10	-29.78	-0.017041	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	20	-25.42	-0.014546	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	30	-19.47	-0.011142	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	40	-18.63	-0.010661	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	50	-18.68	-0.010690	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-30	-31.00	-0.018023	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-20	-30.57	-0.017773	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-10	-33.62	-0.019547	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	0	-42.83	-0.024901	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	10	4.82	0.002802	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	20	-4.16	-0.002419	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	30	-3.75	-0.002180	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	40	3.91	0.002273	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	50	6.71	0.003901	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-30	23.50	0.013663	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-20	25.21	0.014657	±2.5	PASS

Band4	20MHz	16QAM	20050	100RB#0	NV	-10	28.20	0.016395	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	0	31.24	0.018163	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	10	30.41	0.017680	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	20	26.52	0.015419	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	30	28.60	0.016628	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	40	32.06	0.018640	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	50	35.96	0.020907	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	-44.43	-0.025645	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	12.09	0.006978	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-10	-3.69	-0.002130	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	-7.25	-0.004185	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	-13.33	-0.007694	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	-19.54	-0.011278	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	30	-24.38	-0.014072	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	-30.21	-0.017437	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	50	-31.59	-0.018234	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-30	-25.58	-0.014765	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-20	-27.31	-0.015763	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-10	-27.77	-0.016029	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	0	-27.54	-0.015896	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	10	-26.94	-0.015550	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	20	-30.66	-0.017697	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	30	-34.88	-0.020133	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	40	-36.86	-0.021276	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	50	-33.99	-0.019619	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-30	14.92	0.008550	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-20	9.68	0.005547	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-10	8.17	0.004682	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	0	-6.25	-0.003582	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	10	-12.76	-0.007312	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	20	-16.28	-0.009330	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	30	-16.48	-0.009444	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	40	-24.18	-0.013857	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	50	-25.76	-0.014762	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-30	-26.68	-0.015289	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-20	-26.85	-0.015387	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-10	-26.95	-0.015444	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	0	-28.10	-0.016103	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	10	-29.25	-0.016762	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	20	-29.84	-0.017100	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	30	-33.27	-0.019066	±2.5	PASS

Band4	20MHz	16QAM	20300	100RB#0	NV	40	-30.98	-0.017754	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	50	-31.67	-0.018149	±2.5	PASS

Appendix G: Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	PASS
Band4	3MHz	QPSK	19965	15RB#0	PASS
Band4	3MHz	16QAM	19965	15RB#0	PASS
Band4	3MHz	QPSK	20175	15RB#0	PASS
Band4	3MHz	16QAM	20175	15RB#0	PASS
Band4	3MHz	QPSK	20385	15RB#0	PASS
Band4	3MHz	16QAM	20385	15RB#0	PASS
Band4	5MHz	QPSK	19975	25RB#0	PASS
Band4	5MHz	16QAM	19975	25RB#0	PASS
Band4	5MHz	QPSK	20175	25RB#0	PASS
Band4	5MHz	16QAM	20175	25RB#0	PASS
Band4	5MHz	QPSK	20375	25RB#0	PASS
Band4	5MHz	16QAM	20375	25RB#0	PASS
Band4	10MHz	QPSK	20000	50RB#0	PASS
Band4	10MHz	16QAM	20000	50RB#0	PASS
Band4	10MHz	QPSK	20175	50RB#0	PASS
Band4	10MHz	16QAM	20175	50RB#0	PASS
Band4	10MHz	QPSK	20350	50RB#0	PASS
Band4	10MHz	16QAM	20350	50RB#0	PASS
Band4	15MHz	QPSK	20025	75RB#0	PASS
Band4	15MHz	16QAM	20025	75RB#0	PASS
Band4	15MHz	QPSK	20175	75RB#0	PASS
Band4	15MHz	16QAM	20175	75RB#0	PASS
Band4	15MHz	QPSK	20325	75RB#0	PASS
Band4	15MHz	16QAM	20325	75RB#0	PASS
Band4	20MHz	QPSK	20050	100RB#0	PASS
Band4	20MHz	16QAM	20050	100RB#0	PASS
Band4	20MHz	QPSK	20175	100RB#0	PASS
Band4	20MHz	16QAM	20175	100RB#0	PASS
Band4	20MHz	QPSK	20300	100RB#0	PASS
Band4	20MHz	16QAM	20300	100RB#0	PASS