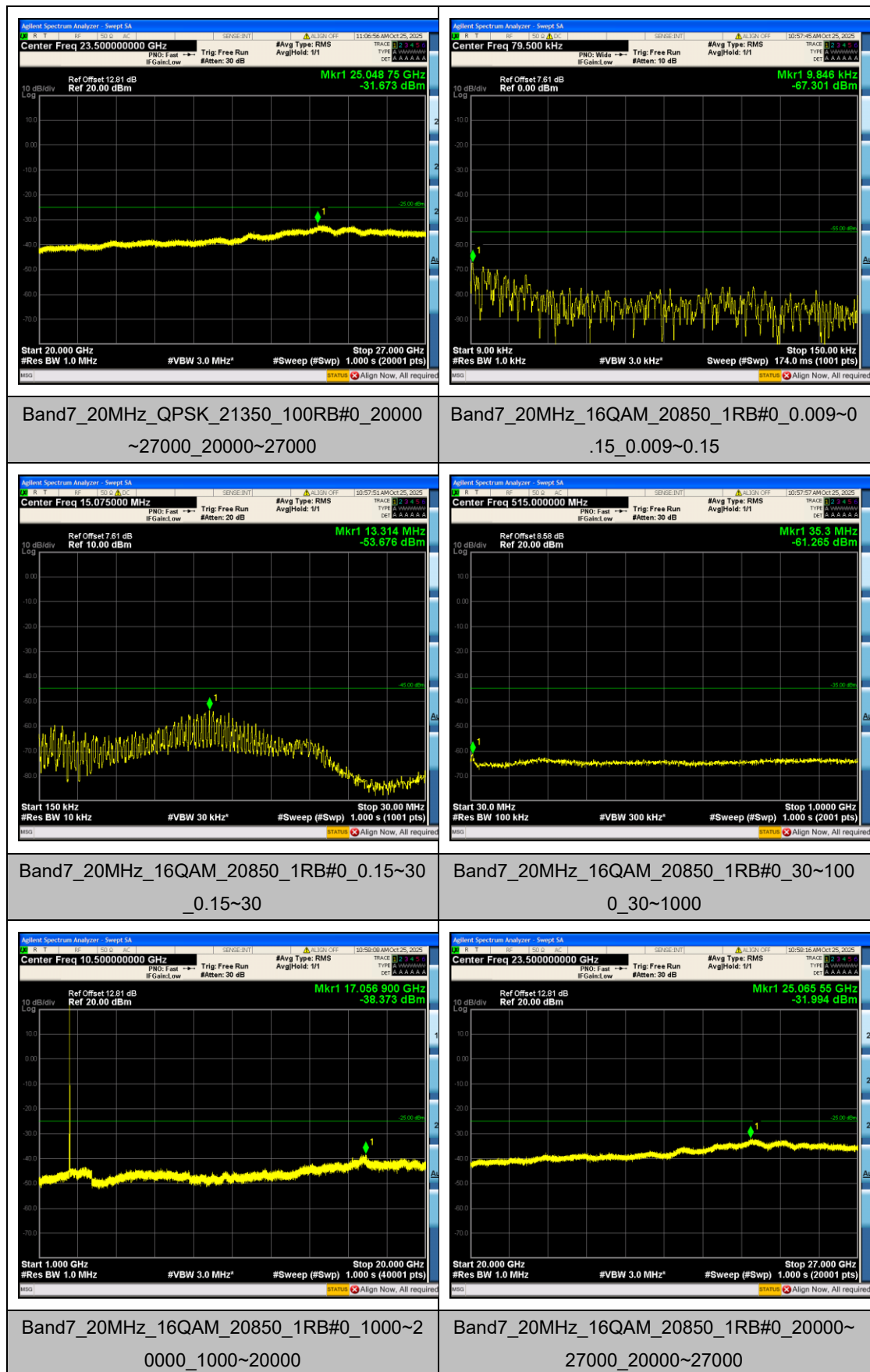
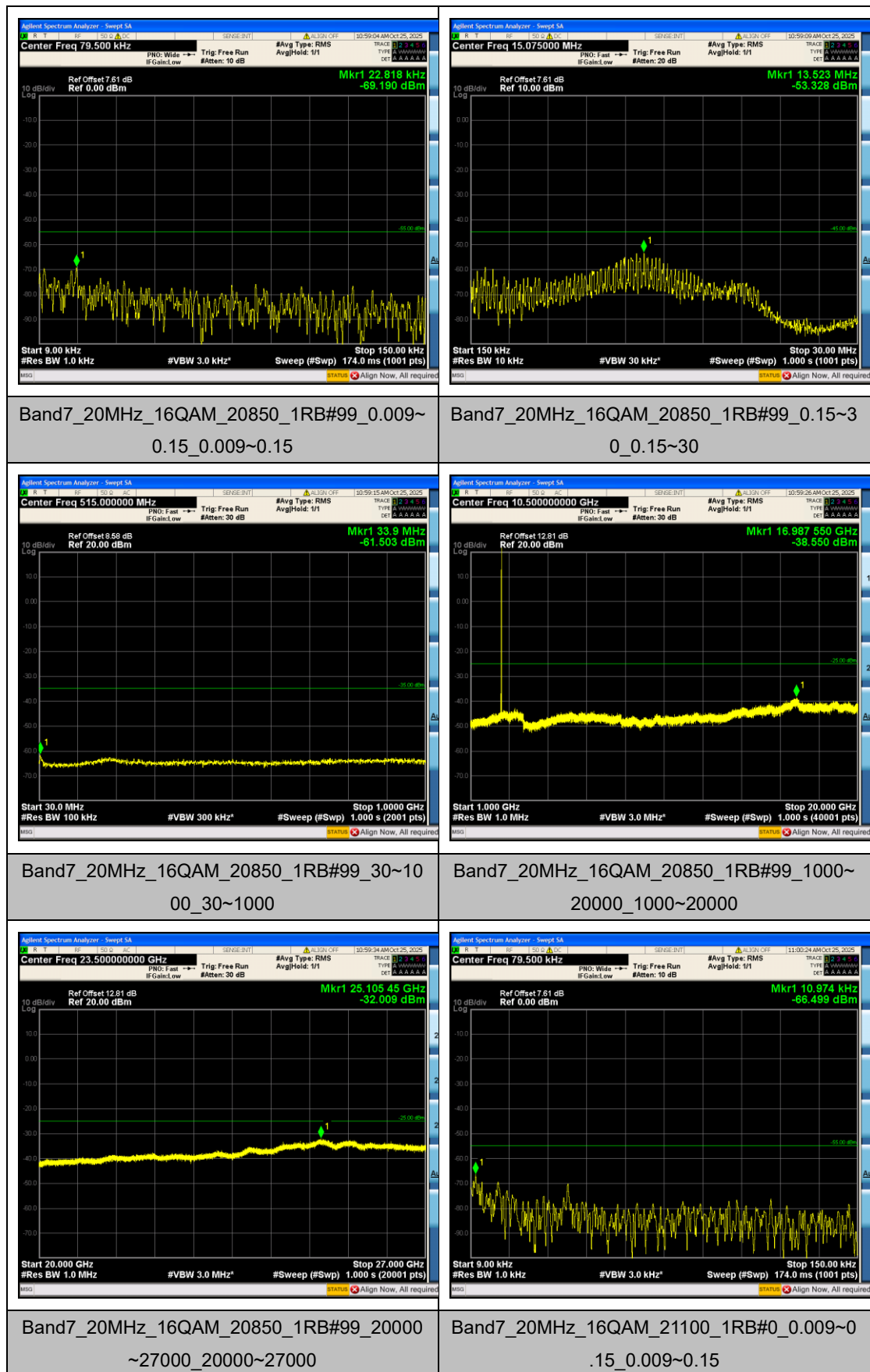
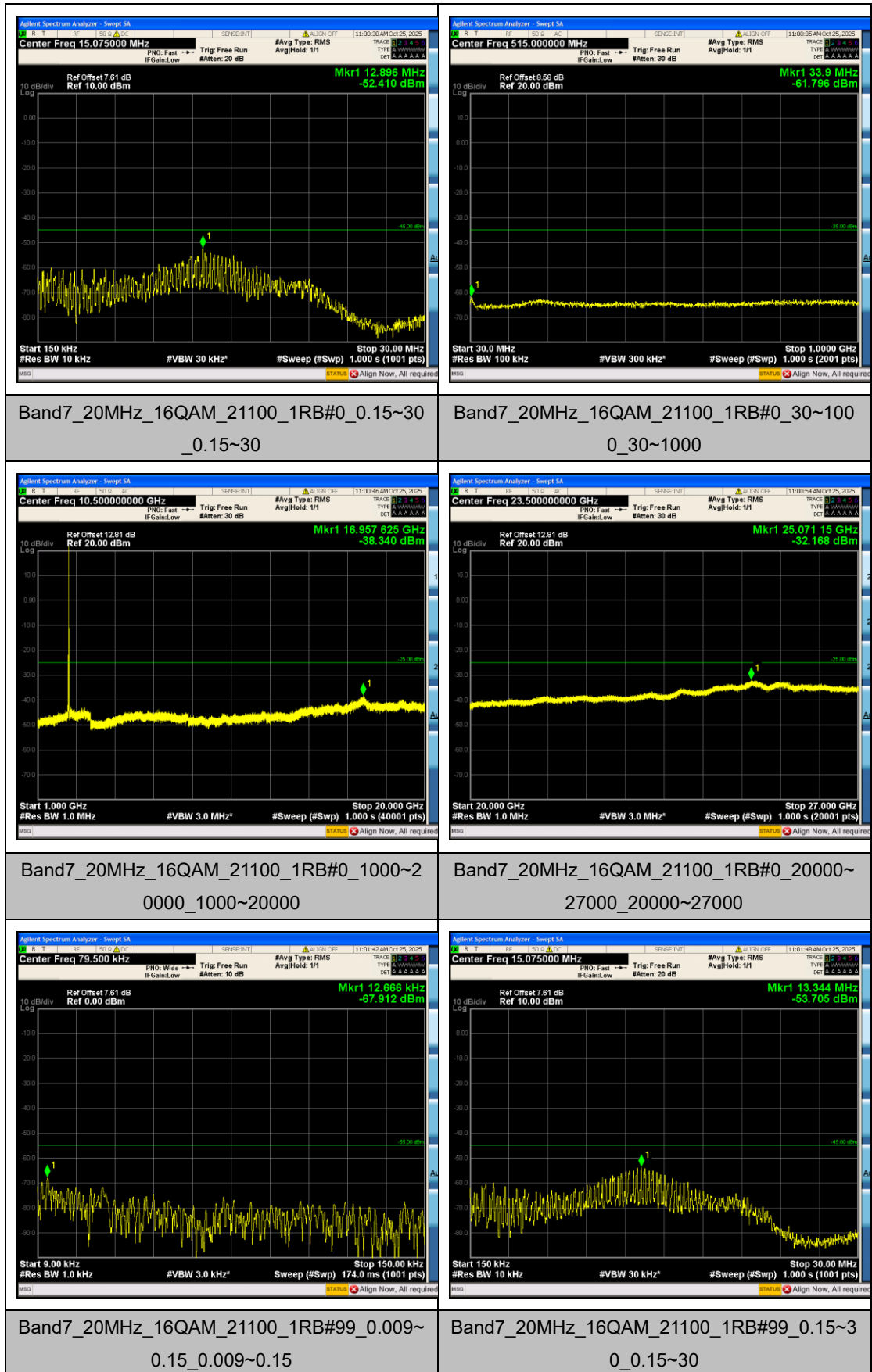
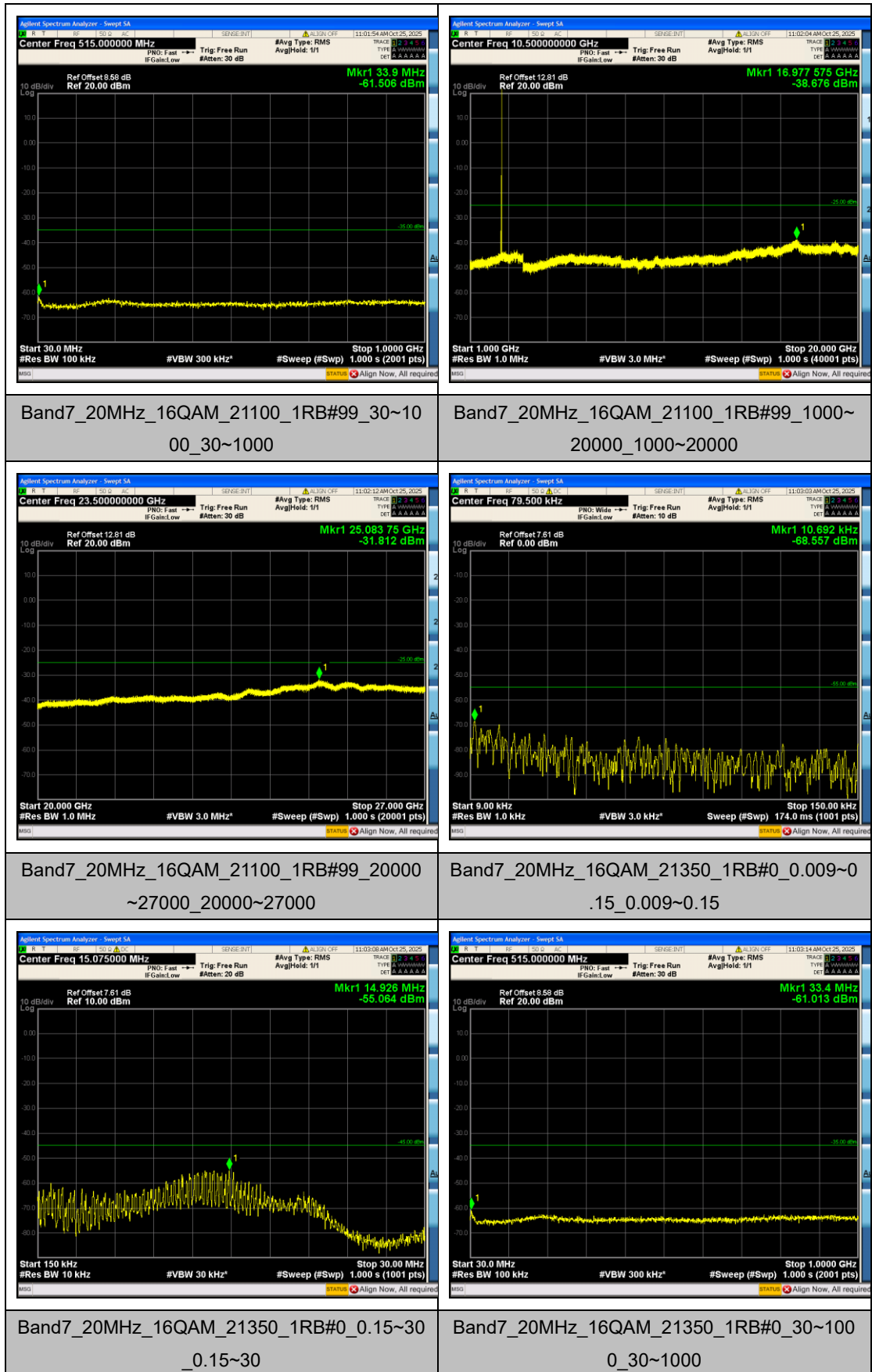
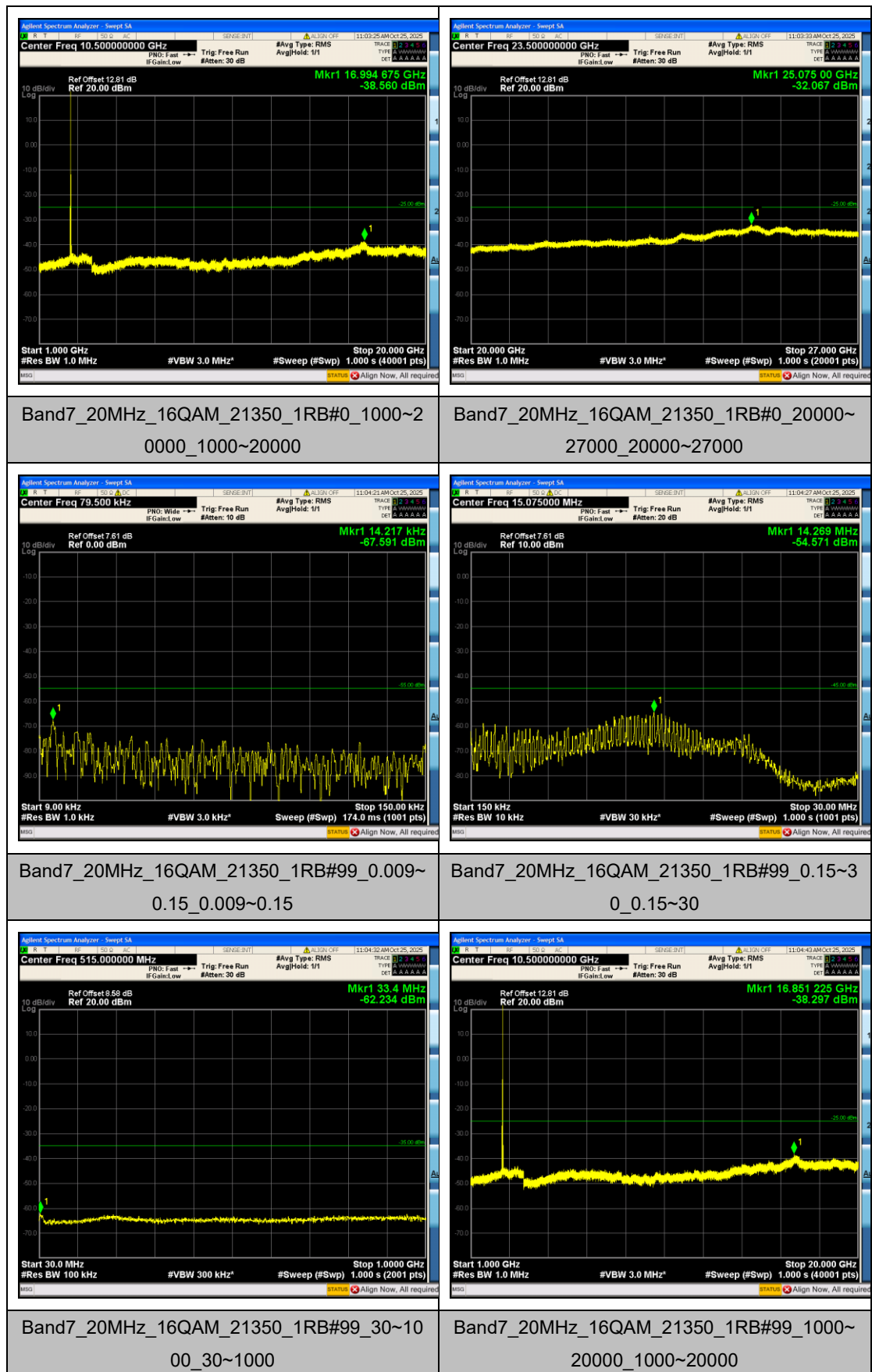


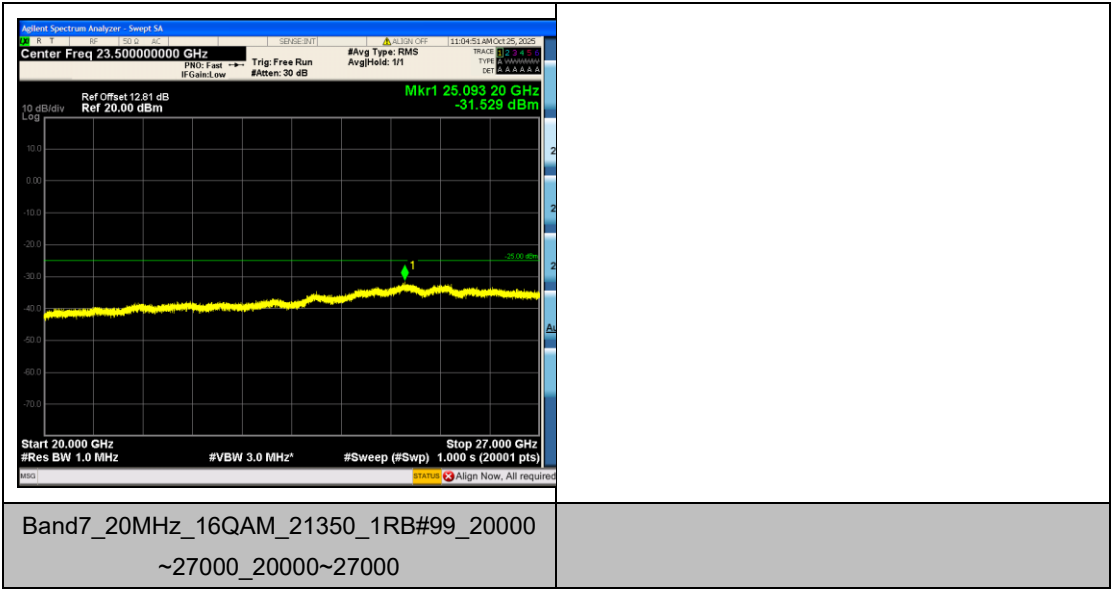












Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
BandName	Bandwidth	Modulation	Channel	RBcfg	VolValue	TempValue	ValueHz	ValuePpm	Limit	Verdict

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	7.87	0.003145	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	-20	9.31	0.003720	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	-10	-3.72	-0.001487	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	0	8.51	0.003401	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	10	7.64	0.003053	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	20	5.05	0.002018	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	30	9.17	0.003664	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	40	5.75	0.002298	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	50	7.95	0.003177	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-30	-6.35	-0.002505	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-20	-7.48	-0.002951	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-10	-8.01	-0.003160	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	0	-12.20	-0.004813	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	10	-6.11	-0.002410	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	20	-6.21	-0.002450	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	30	-10.16	-0.004008	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	40	-7.42	-0.002927	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	50	-5.92	-0.002335	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-30	6.61	0.002574	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-20	10.10	0.003934	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-10	5.78	0.002251	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	0	6.35	0.002473	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	10	7.11	0.002769	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	20	7.72	0.003007	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	30	7.77	0.003026	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	40	6.62	0.002578	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	50	11.19	0.004358	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-30	7.01	0.002801	±2.5	PASS

Band7	5MHz	16QAM	20775	25RB#0	NV	-20	9.38	0.003748	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-10	8.15	0.003257	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	0	8.13	0.003249	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	10	6.81	0.002721	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	20	6.92	0.002765	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	30	7.81	0.003121	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	40	11.14	0.004452	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	50	9.17	0.003664	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-30	-6.08	-0.002398	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-20	-6.77	-0.002671	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-10	-6.31	-0.002489	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	0	-7.27	-0.002868	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	10	-5.21	-0.002055	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	20	-7.05	-0.002781	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	30	-5.02	-0.001980	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	40	-4.41	-0.001740	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	50	-5.48	-0.002162	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-30	6.81	0.002652	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-20	5.26	0.002049	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-10	7.11	0.002769	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	0	5.55	0.002162	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	10	7.85	0.003057	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	20	8.07	0.003143	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	30	5.41	0.002107	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	40	5.74	0.002236	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	50	6.68	0.002602	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-30	-6.65	-0.002655	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-20	-7.78	-0.003106	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-10	-5.69	-0.002271	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	0	-4.55	-0.001816	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	10	-5.72	-0.002283	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	20	-9.47	-0.003780	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	30	-4.05	-0.001617	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	40	-7.50	-0.002994	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	50	-8.37	-0.003341	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-30	-5.88	-0.002320	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-20	-4.66	-0.001838	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-10	-4.99	-0.001968	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	0	-5.32	-0.002099	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	10	-4.65	-0.001834	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	20	-7.87	-0.003105	±2.5	PASS

Band7	10MHz	QPSK	21100	50RB#0	NV	30	-6.12	-0.002414	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	40	5.45	0.002150	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	50	-7.54	-0.002974	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-30	-8.70	-0.003392	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-20	-4.46	-0.001739	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-10	-7.00	-0.002729	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	0	-8.67	-0.003380	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	10	-7.40	-0.002885	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	20	-7.57	-0.002951	±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	-9.73	-0.003793	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	50	-7.45	-0.002904	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-30	8.57	0.003418	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-20	8.75	0.003490	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-10	6.97	0.002780	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	0	6.58	0.002624	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	10	5.55	0.002213	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	20	8.68	0.003462	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	30	3.33	0.001328	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	40	-5.06	-0.002018	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	50	4.02	0.001603	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-30	-6.32	-0.002493	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-20	-7.51	-0.002963	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-10	-5.48	-0.002162	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	0	-8.80	-0.003471	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	10	-4.15	-0.001637	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	20	-13.10	-0.005168	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	30	-7.77	-0.003065	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	40	-6.04	-0.002383	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	50	-7.61	-0.003002	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-30	6.38	0.002490	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-20	5.98	0.002334	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-10	7.84	0.003060	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	0	-28.87	-0.011266	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	10	9.28	0.003621	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	20	8.55	0.003337	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	30	6.29	0.002455	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	40	9.11	0.003555	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	50	8.87	0.003461	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-30	3.68	0.001466	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-20	5.82	0.002319	±2.5	PASS

Band7	20MHz	QPSK	20850	100RB#0	NV	-10	5.52	0.002199	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	0	9.67	0.003853	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	10	6.45	0.002570	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	20	4.36	0.001737	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	30	6.61	0.002633	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	40	9.46	0.003769	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	50	6.55	0.002610	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-30	-8.25	-0.003254	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-20	6.68	0.002635	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-10	-8.14	-0.003211	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	0	-8.44	-0.003329	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	10	-5.05	-0.001992	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	20	-4.52	-0.001783	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	30	-4.72	-0.001862	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	40	-7.38	-0.002911	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	50	-6.32	-0.002493	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-30	6.75	0.002637	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-20	-5.35	-0.002090	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-10	8.01	0.003129	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	0	7.44	0.002906	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	10	-5.22	-0.002039	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	20	6.32	0.002469	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	30	10.61	0.004145	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	40	7.20	0.002813	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	50	5.32	0.002078	±2.5	PASS

Appendix G: Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Verdict
Band7	5MHz	QPSK	20775	25RB#0	PASS
Band7	5MHz	QPSK	21100	25RB#0	PASS
Band7	5MHz	QPSK	21425	25RB#0	PASS
Band7	5MHz	16QAM	20775	25RB#0	PASS
Band7	5MHz	16QAM	21100	25RB#0	PASS
Band7	5MHz	16QAM	21425	25RB#0	PASS
Band7	10MHz	QPSK	20800	50RB#0	PASS
Band7	10MHz	QPSK	21100	50RB#0	PASS
Band7	10MHz	QPSK	21400	50RB#0	PASS
Band7	10MHz	16QAM	20800	1RB#0	PASS
Band7	10MHz	16QAM	21100	1RB#0	PASS
Band7	10MHz	16QAM	21400	1RB#0	PASS
Band7	15MHz	QPSK	20825	75RB#0	PASS
Band7	15MHz	QPSK	21100	75RB#0	PASS
Band7	15MHz	QPSK	21375	75RB#0	PASS
Band7	15MHz	16QAM	20825	1RB#0	PASS
Band7	15MHz	16QAM	21100	1RB#0	PASS
Band7	15MHz	16QAM	21375	1RB#0	PASS
Band7	20MHz	QPSK	20850	100RB#0	PASS
Band7	20MHz	QPSK	21100	100RB#0	PASS
Band7	20MHz	QPSK	21350	100RB#0	PASS
Band7	20MHz	16QAM	20850	1RB#0	PASS
Band7	20MHz	16QAM	21100	1RB#0	PASS
Band7	20MHz	16QAM	21350	1RB#0	PASS

Test Graphs

