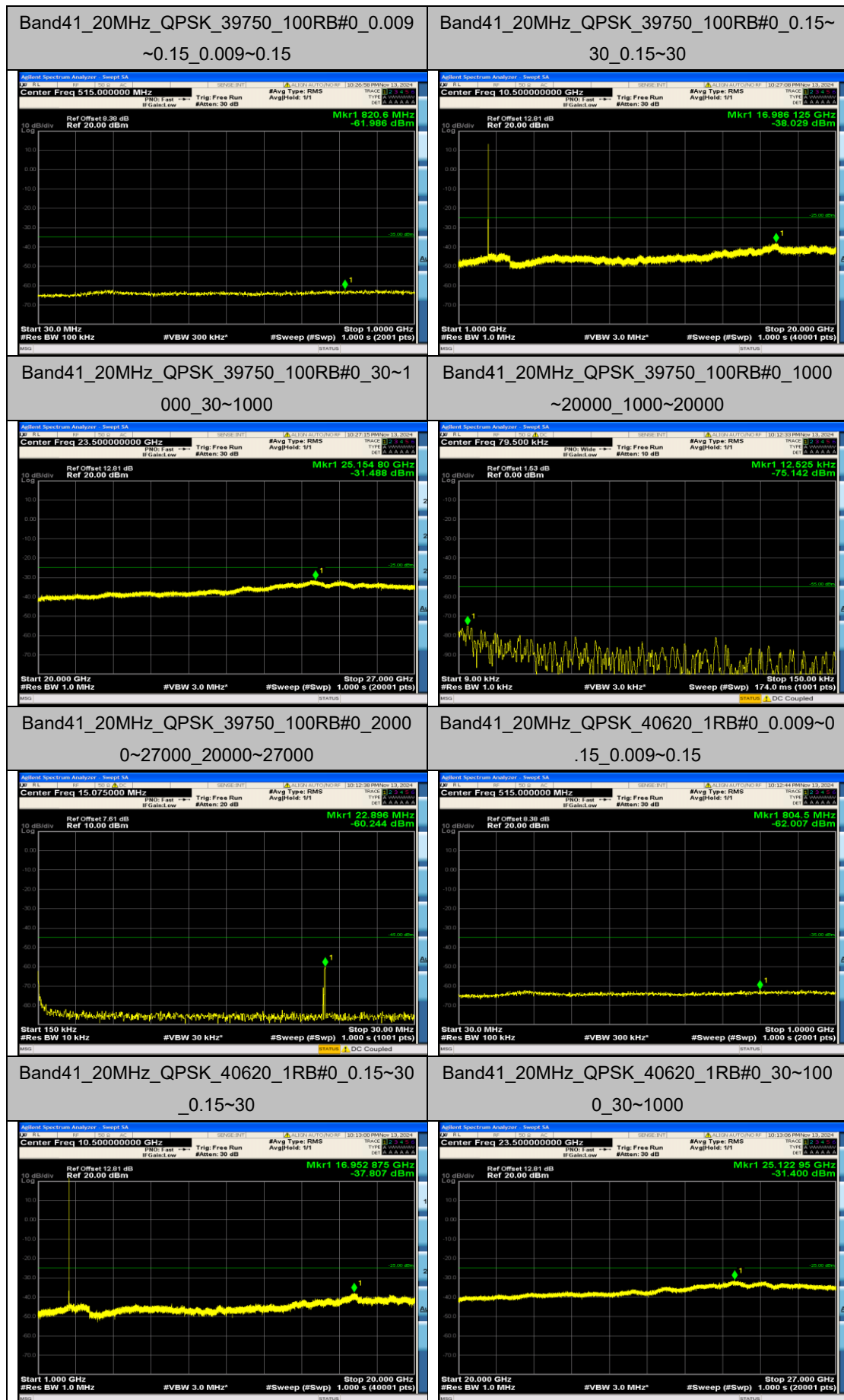
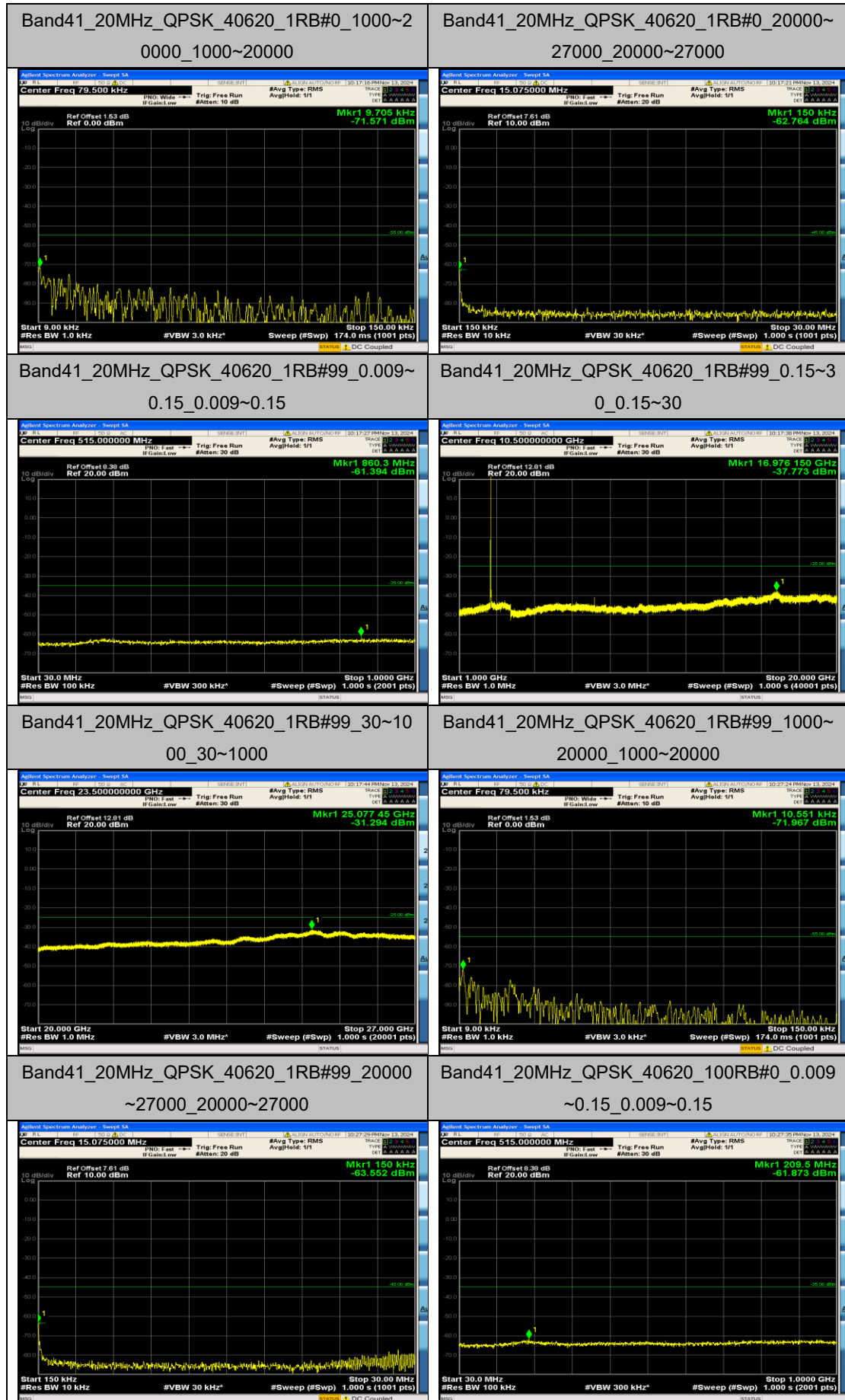
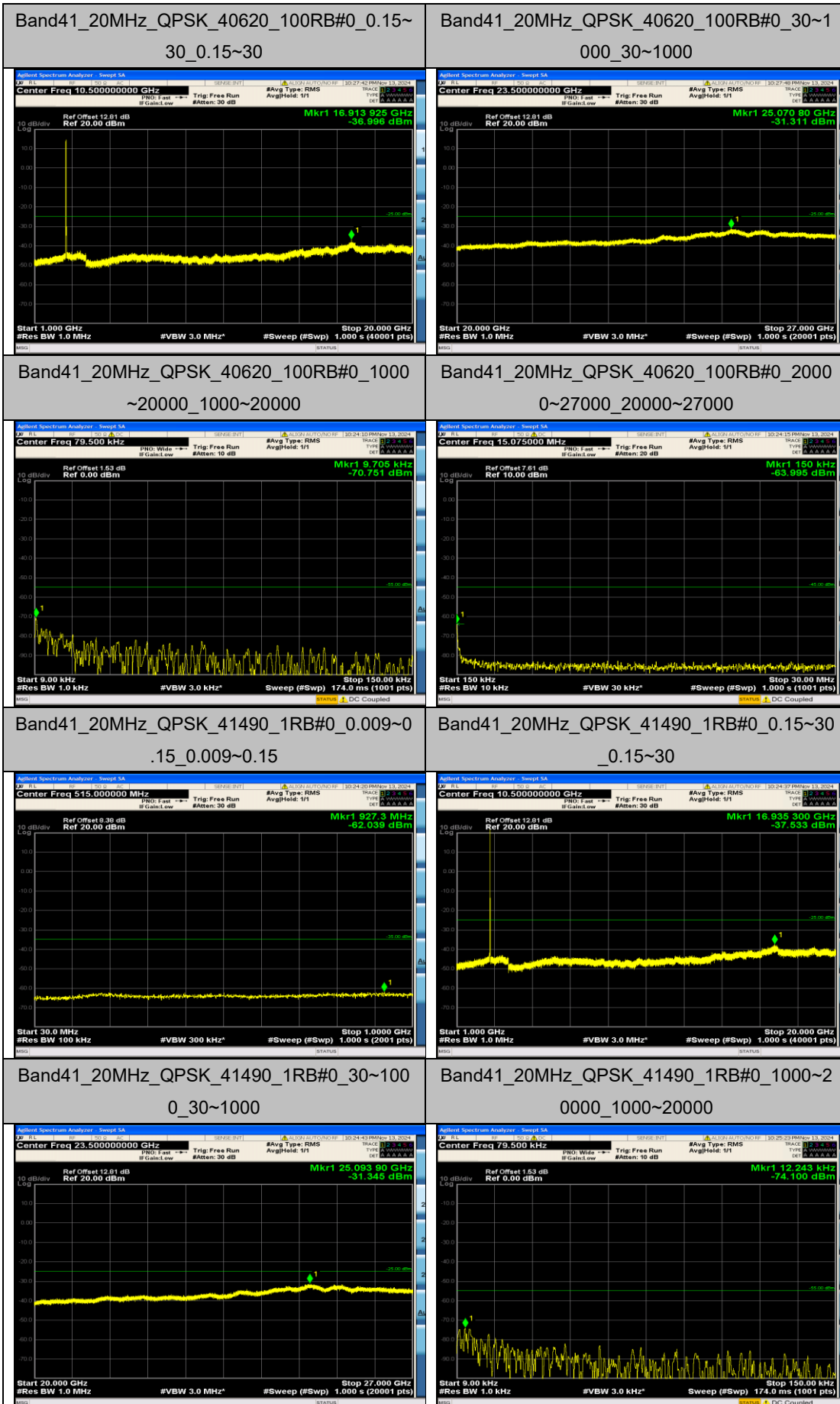
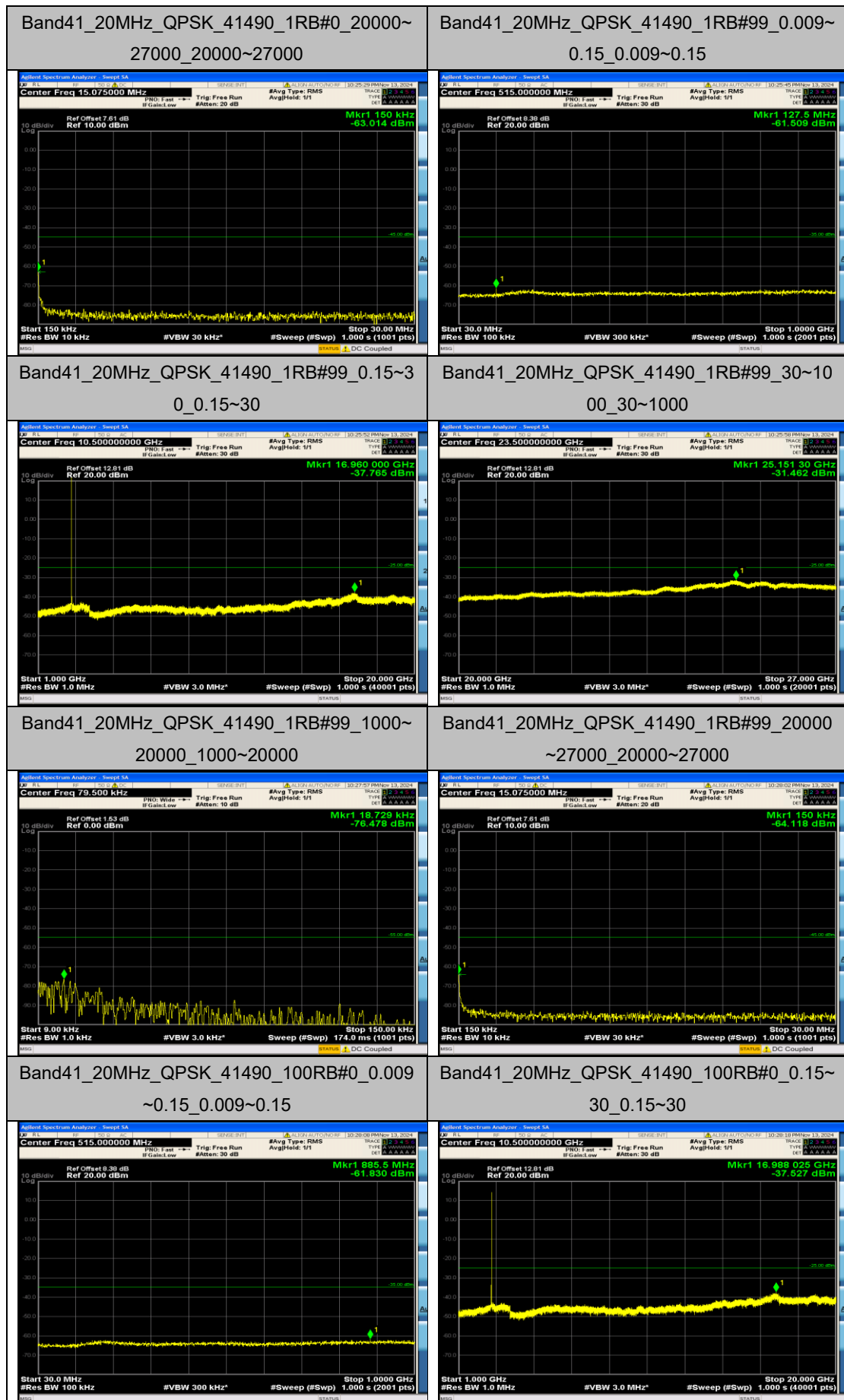
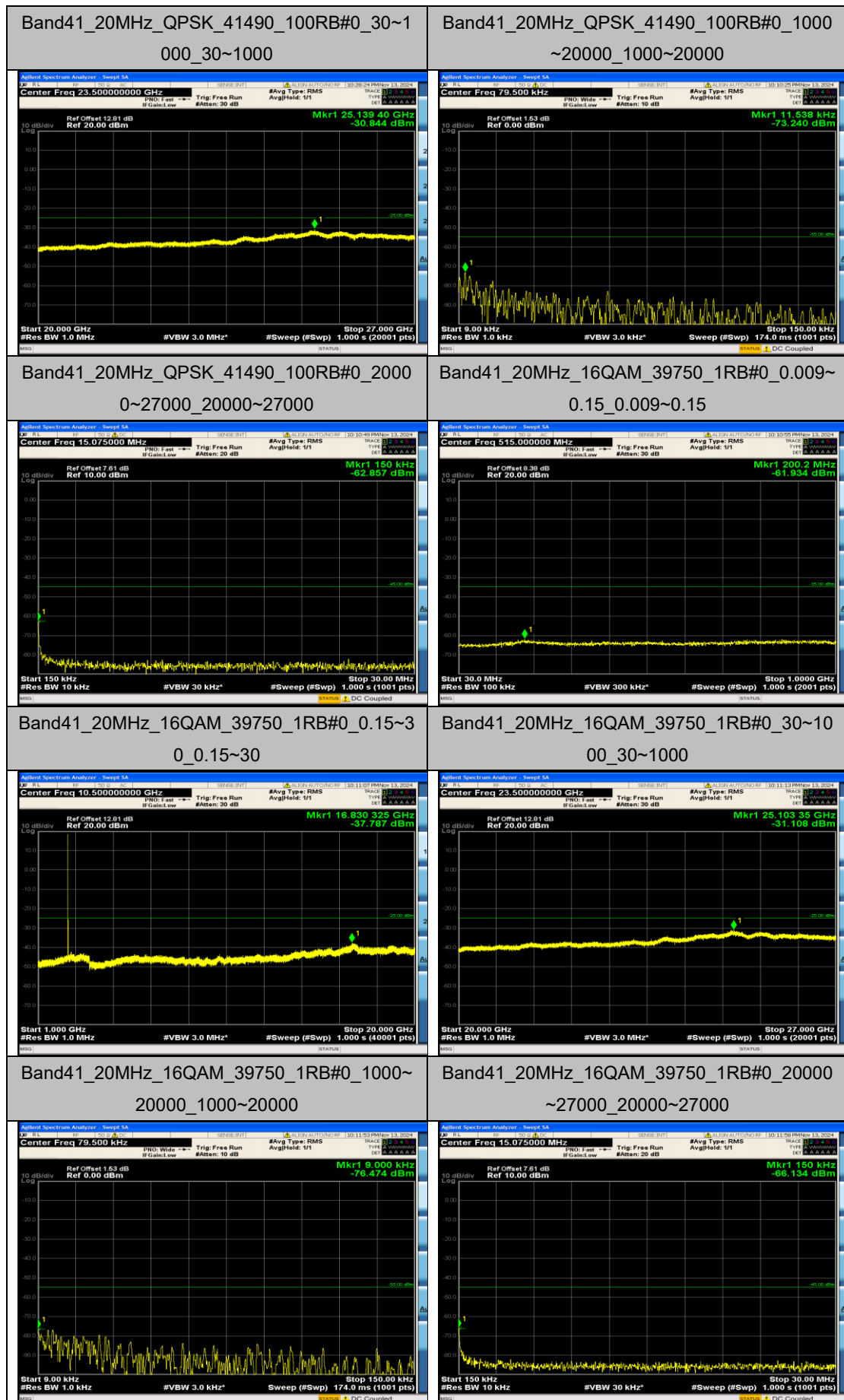


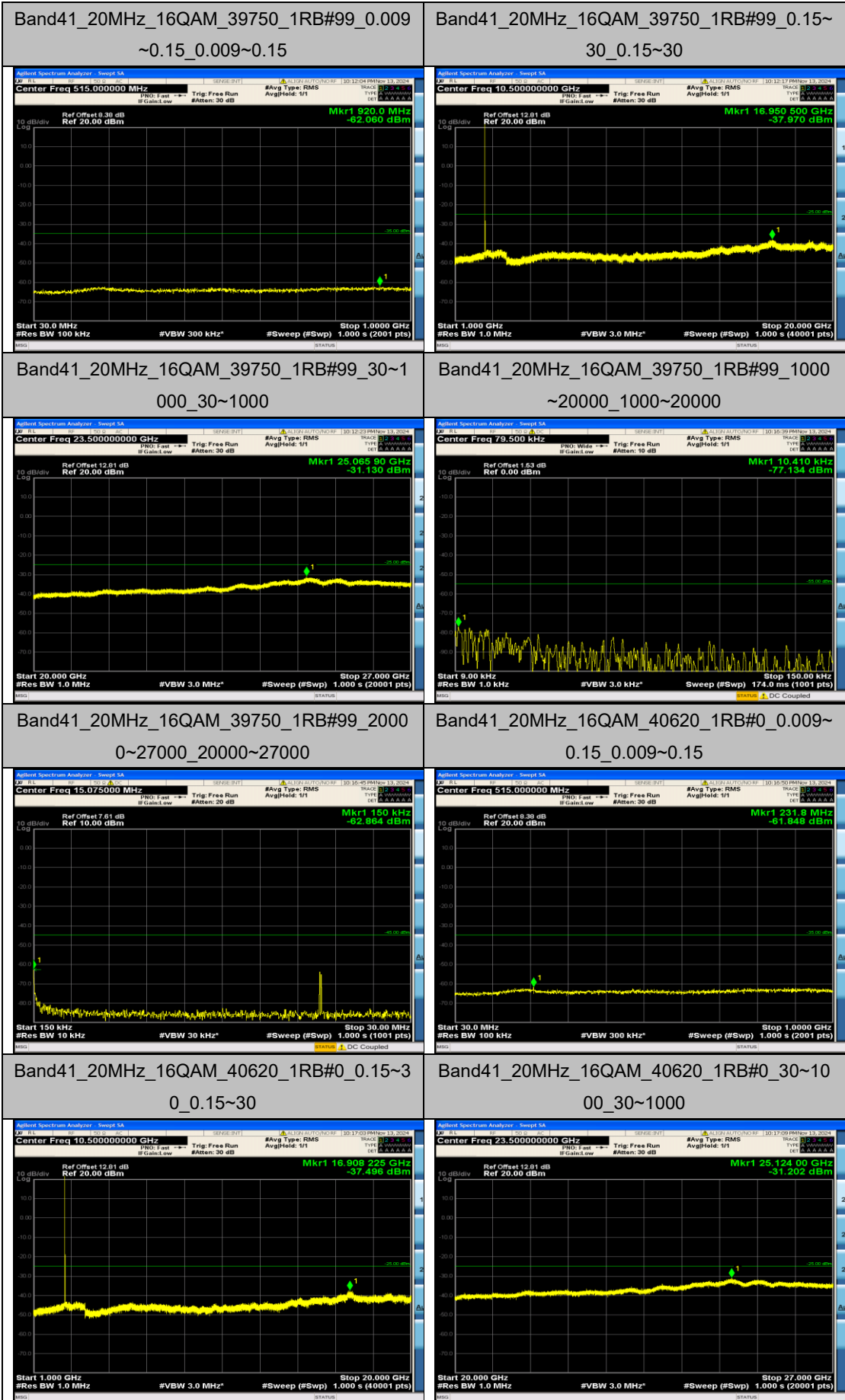


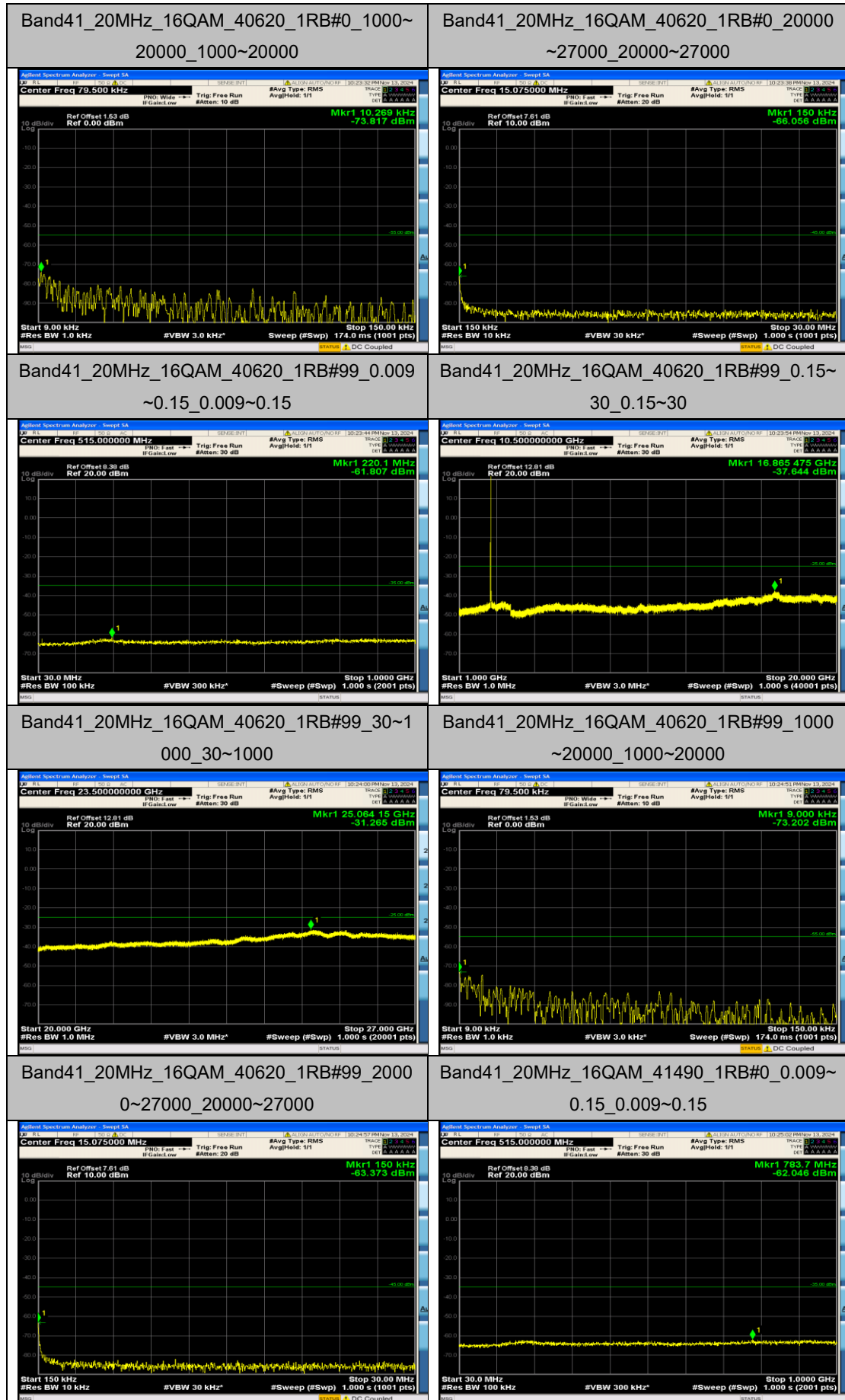


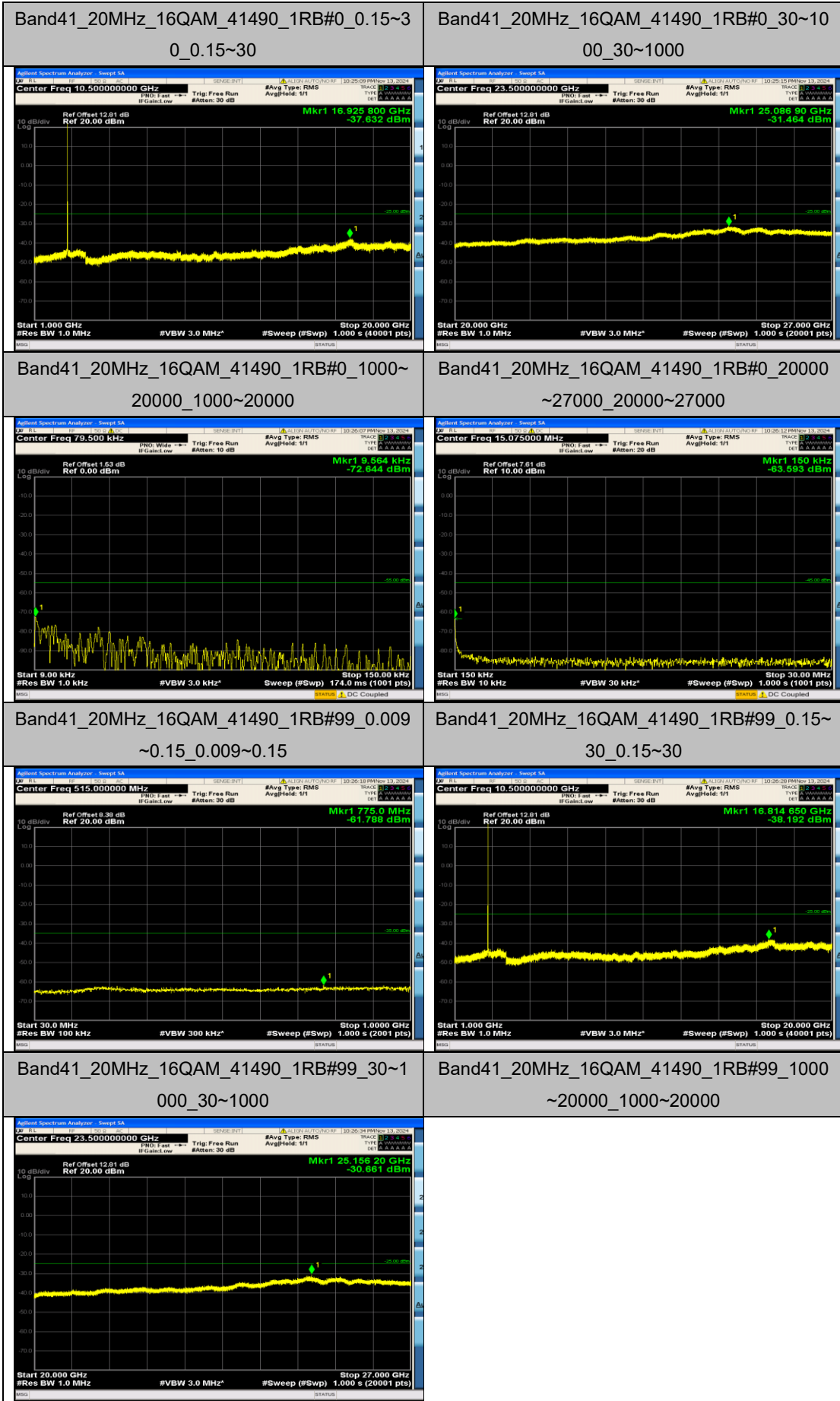












Band41_20MHz_16QAM_41490_1RB#99_2000 0~27000_20000~27000	
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Appendix F: Frequency Stability

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
Band41	5MHz	QPSK	39675	25RB#0	NV	-30	-44.16	-0.017675	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	-20	-26.29	-0.010522	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	-10	-14.33	-0.005735	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	0	-25.65	-0.010266	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	10	-19.21	-0.007689	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	20	-31.00	-0.012407	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	30	-9.10	-0.003642	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	40	-20.53	-0.008217	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	50	-40.60	-0.016250	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	-30	15.31	0.005904	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	-20	16.35	0.006305	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	-10	8.27	0.003189	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	0	21.92	0.008454	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	10	9.76	0.003764	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	20	23.56	0.009086	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	30	-9.00	-0.003471	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	40	12.56	0.004844	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	50	18.93	0.007300	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	-30	27.47	0.010221	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	-20	17.37	0.006463	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	-10	10.77	0.004007	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	0	21.26	0.007911	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	10	27.52	0.010240	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	20	-6.05	-0.002251	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	30	27.21	0.010125	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	40	27.64	0.010285	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	50	24.66	0.009176	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	-30	-24.06	-0.009630	±2.5	PASS

Band41	5MHz	16QAM	39675	25RB#0	NV	-20	-19.37	-0.007753	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	-10	-35.99	-0.014405	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	0	-30.41	-0.012171	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	10	-25.46	-0.010190	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	20	-36.79	-0.014725	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	30	-29.35	-0.011747	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	40	-19.41	-0.007769	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	50	-27.54	-0.011023	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	-30	-19.13	-0.007378	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	-20	-30.27	-0.011674	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	-10	-32.32	-0.012464	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	0	-15.59	-0.006012	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	10	-21.19	-0.008172	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	20	-35.36	-0.013637	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	30	-29.68	-0.011446	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	40	-32.72	-0.012619	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	50	-13.52	-0.005214	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	-30	20.83	0.007751	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	-20	19.50	0.007256	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	-10	26.69	0.009931	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	0	26.26	0.009771	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	10	-6.49	-0.002415	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	20	6.52	0.002426	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	30	18.04	0.006713	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	40	21.01	0.007818	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	50	21.30	0.007926	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	-30	8.64	0.003455	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	-20	8.67	0.003467	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	-10	-7.71	-0.003083	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	0	-11.00	-0.004398	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	10	-11.67	-0.004666	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	20	-18.60	-0.007437	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	30	-24.86	-0.009940	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	40	-33.82	-0.013523	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	50	-37.08	-0.014826	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	-30	19.00	0.007327	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	-20	13.20	0.005091	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	-10	9.04	0.003486	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	0	22.13	0.008535	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	10	16.29	0.006282	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	20	24.36	0.009395	±2.5	PASS

Band41	10MHz	QPSK	40620	50RB#0	NV	30	6.84	0.002638	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	40	18.10	0.006980	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	50	27.71	0.010686	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	-30	25.94	0.009661	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	-20	14.16	0.005274	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	-10	10.84	0.004037	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	0	26.92	0.010026	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	10	21.23	0.007907	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	20	10.99	0.004093	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	30	19.41	0.007229	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	40	23.19	0.008637	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	50	26.88	0.010011	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	-30	11.06	0.004418	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	-20	15.74	0.006287	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	-10	9.94	0.003970	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	0	8.44	0.003371	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	10	-10.11	-0.004038	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	20	-21.47	-0.008576	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	30	-23.73	-0.009479	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	40	-26.72	-0.010673	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	50	-39.34	-0.015714	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	-30	14.95	0.005766	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	-20	15.45	0.005958	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	-10	12.22	0.004713	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	0	-8.74	-0.003371	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	10	26.94	0.010390	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	20	18.35	0.007077	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	30	26.21	0.010108	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	40	12.70	0.004898	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	50	17.05	0.006575	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	-30	28.21	0.010516	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	-20	22.43	0.008362	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	-10	19.44	0.007247	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	0	21.00	0.007829	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	10	15.38	0.005733	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	20	26.74	0.009968	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	30	21.46	0.008000	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	40	30.36	0.011318	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	50	14.08	0.005249	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	-30	-18.44	-0.007358	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	-20	-15.31	-0.006109	±2.5	PASS

Band41	20MHz	QPSK	39750	100RB#0	NV	-10	-18.91	-0.007546	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	0	-39.84	-0.015898	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	10	-35.29	-0.014082	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	20	-33.57	-0.013396	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	30	-26.94	-0.010750	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	40	-18.38	-0.007334	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	50	-36.76	-0.014669	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-30	23.03	0.008882	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-20	16.99	0.006552	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-10	2.65	0.001022	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	0	14.51	0.005596	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	10	23.10	0.008909	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	20	-4.71	-0.001816	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	30	14.28	0.005507	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	40	14.85	0.005727	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	50	18.35	0.007077	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-30	15.15	0.005653	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-20	23.26	0.008679	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-10	25.69	0.009586	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	0	23.05	0.008601	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	10	15.36	0.005731	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	20	23.02	0.008590	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	30	13.33	0.004974	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	40	19.28	0.007194	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	50	27.85	0.010392	±2.5	PASS

Appendix G: Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Verdict
Band41	5MHz	QPSK	39675	25RB#0	PASS
Band41	5MHz	QPSK	40620	25RB#0	PASS
Band41	5MHz	QPSK	41565	25RB#0	PASS
Band41	5MHz	16QAM	39675	25RB#0	PASS
Band41	5MHz	16QAM	40620	25RB#0	PASS
Band41	5MHz	16QAM	41565	25RB#0	PASS
Band41	10MHz	QPSK	39700	50RB#0	PASS
Band41	10MHz	QPSK	40620	50RB#0	PASS
Band41	10MHz	QPSK	41540	50RB#0	PASS
Band41	10MHz	16QAM	39700	1RB#0	PASS
Band41	10MHz	16QAM	40620	1RB#0	PASS
Band41	10MHz	16QAM	41540	1RB#0	PASS
Band41	15MHz	QPSK	39725	75RB#0	PASS
Band41	15MHz	QPSK	40620	75RB#0	PASS
Band41	15MHz	QPSK	41515	75RB#0	PASS
Band41	15MHz	16QAM	39725	1RB#0	PASS
Band41	15MHz	16QAM	40620	1RB#0	PASS
Band41	15MHz	16QAM	41515	1RB#0	PASS
Band41	20MHz	QPSK	39750	100RB#0	PASS
Band41	20MHz	QPSK	40620	100RB#0	PASS
Band41	20MHz	QPSK	41490	100RB#0	PASS
Band41	20MHz	16QAM	39750	1RB#0	PASS
Band41	20MHz	16QAM	40620	1RB#0	PASS
Band41	20MHz	16QAM	41490	1RB#0	PASS

Test Graphs

