















Appendix D: Band Edge

Test Result

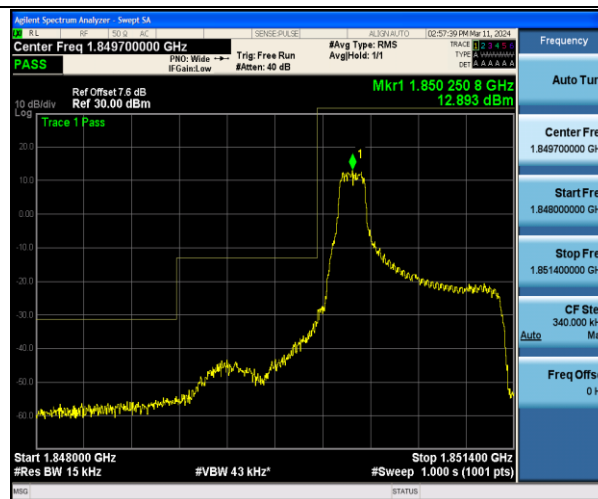
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	-31.81	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	-31.94	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	-46.20	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-45.24	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	-30.53	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	-27.58	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-45.08	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-46.12	PASS
Band2	3MHz	QPSK	18615	1RB#0	-16.57	PASS
Band2	3MHz	16QAM	18615	1RB#0	-16.24	PASS
Band2	3MHz	QPSK	18615	15RB#0	-27.32	PASS
Band2	3MHz	16QAM	18615	15RB#0	-27.37	PASS
Band2	3MHz	QPSK	19185	1RB#14	-16.38	PASS
Band2	3MHz	16QAM	19185	1RB#14	-17.24	PASS
Band2	3MHz	QPSK	19185	15RB#0	-26.64	PASS
Band2	3MHz	16QAM	19185	15RB#0	-27.24	PASS
Band2	5MHz	QPSK	18625	1RB#0	-23.18	PASS
Band2	5MHz	16QAM	18625	1RB#0	-23.78	PASS
Band2	5MHz	QPSK	18625	25RB#0	-42.19	PASS
Band2	5MHz	16QAM	18625	25RB#0	-42.26	PASS
Band2	5MHz	QPSK	19175	1RB#24	-22.05	PASS
Band2	5MHz	16QAM	19175	1RB#24	-23.50	PASS
Band2	5MHz	QPSK	19175	25RB#0	-41.78	PASS
Band2	5MHz	16QAM	19175	25RB#0	-41.91	PASS
Band2	10MHz	QPSK	18650	1RB#0	-25.23	PASS
Band2	10MHz	16QAM	18650	1RB#0	-25.57	PASS
Band2	10MHz	QPSK	19150	1RB#49	-23.99	PASS
Band2	10MHz	16QAM	19150	1RB#49	-26.47	PASS
Band2	10MHz	QPSK	18650	50RB#0	-42.42	PASS
Band2	10MHz	QPSK	19150	50RB#0	-43.66	PASS
Band2	15MHz	QPSK	18675	1RB#0	-23.67	PASS
Band2	15MHz	16QAM	18675	1RB#0	-23.03	PASS
Band2	15MHz	QPSK	19125	1RB#74	-24.91	PASS
Band2	15MHz	16QAM	19125	1RB#74	-24.65	PASS
Band2	15MHz	QPSK	18675	75RB#0	-41.81	PASS
Band2	15MHz	QPSK	19125	75RB#0	-43.30	PASS
Band2	20MHz	QPSK	18700	1RB#0	-28.18	PASS
Band2	20MHz	16QAM	18700	1RB#0	-27.36	PASS
Band2	20MHz	QPSK	19100	1RB#99	-27.33	PASS
Band2	20MHz	16QAM	19100	1RB#99	-28.71	PASS

Band2	20MHz	QPSK	18700	100RB#0	-43.61	PASS
Band2	20MHz	QPSK	19100	100RB#0	-44.21	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	-31.48	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	-31.72	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	-46.42	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-46.50	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	-30.27	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	-29.80	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-46.11	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-47.10	PASS
Band4	3MHz	QPSK	19965	1RB#0	-16.17	PASS
Band4	3MHz	16QAM	19965	1RB#0	-17.35	PASS
Band4	3MHz	QPSK	19965	15RB#0	-25.81	PASS
Band4	3MHz	16QAM	19965	15RB#0	-41.00	PASS
Band4	3MHz	QPSK	20385	1RB#14	-16.00	PASS
Band4	3MHz	16QAM	20385	1RB#14	-18.36	PASS
Band4	3MHz	QPSK	20385	15RB#0	-26.66	PASS
Band4	3MHz	16QAM	20385	15RB#0	-40.41	PASS
Band4	5MHz	QPSK	19975	1RB#0	-22.32	PASS
Band4	5MHz	16QAM	19975	1RB#0	-23.20	PASS
Band4	5MHz	QPSK	19975	25RB#0	-41.48	PASS
Band4	5MHz	16QAM	19975	25RB#0	-40.91	PASS
Band4	5MHz	QPSK	20375	1RB#24	-20.95	PASS
Band4	5MHz	16QAM	20375	1RB#24	-23.31	PASS
Band4	5MHz	QPSK	20375	25RB#0	-43.50	PASS
Band4	5MHz	16QAM	20375	25RB#0	-42.43	PASS
Band4	10MHz	QPSK	20000	1RB#0	-24.33	PASS
Band4	10MHz	16QAM	20000	1RB#0	-26.47	PASS
Band4	10MHz	QPSK	20350	1RB#49	-24.81	PASS
Band4	10MHz	16QAM	20350	1RB#49	-25.71	PASS
Band4	10MHz	QPSK	20000	50RB#0	-43.13	PASS
Band4	10MHz	QPSK	20350	50RB#0	-42.69	PASS
Band4	15MHz	QPSK	20025	1RB#0	-23.35	PASS
Band4	15MHz	16QAM	20025	1RB#0	-24.78	PASS
Band4	15MHz	QPSK	20325	1RB#74	-23.44	PASS
Band4	15MHz	16QAM	20325	1RB#74	-23.84	PASS
Band4	15MHz	QPSK	20025	75RB#0	-39.17	PASS
Band4	15MHz	QPSK	20325	75RB#0	-42.55	PASS
Band4	20MHz	QPSK	20050	1RB#0	-27.00	PASS
Band4	20MHz	16QAM	20050	1RB#0	-27.28	PASS
Band4	20MHz	QPSK	20300	1RB#99	-27.68	PASS
Band4	20MHz	16QAM	20300	1RB#99	-28.67	PASS
Band4	20MHz	QPSK	20050	100RB#0	-37.57	PASS
Band4	20MHz	QPSK	20300	100RB#0	-42.50	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	-31.17	PASS

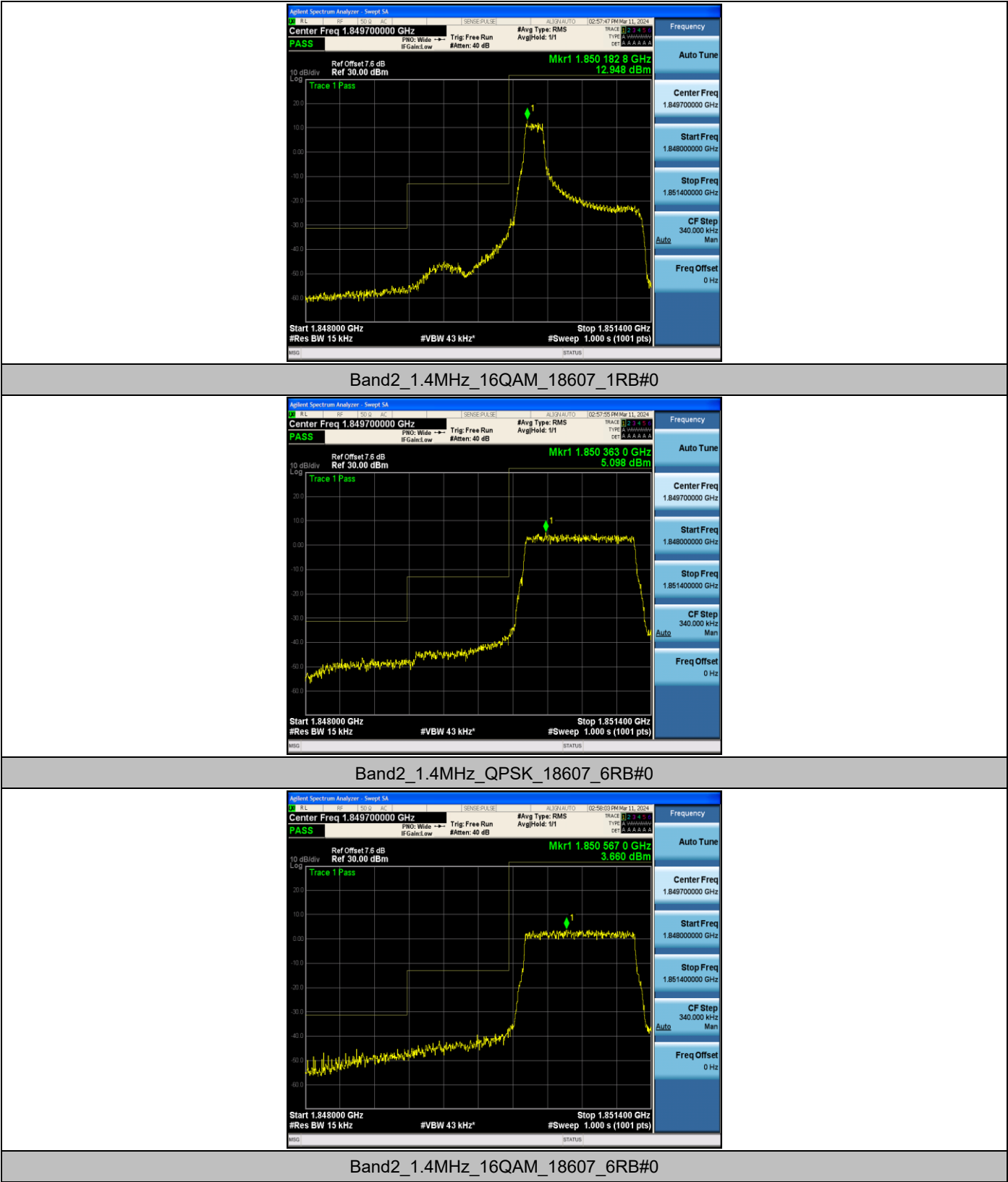
Band5	1.4MHz	16QAM	20407	1RB#0	-31.42	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	-37.96	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-38.63	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	-31.47	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	-35.95	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-46.26	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-38.11	PASS
Band5	3MHz	QPSK	20415	1RB#0	-16.02	PASS
Band5	3MHz	16QAM	20415	1RB#0	-17.27	PASS
Band5	3MHz	QPSK	20415	15RB#0	-26.16	PASS
Band5	3MHz	16QAM	20415	15RB#0	-27.27	PASS
Band5	3MHz	QPSK	20635	1RB#14	-15.41	PASS
Band5	3MHz	16QAM	20635	1RB#14	-19.49	PASS
Band5	3MHz	QPSK	20635	15RB#0	-25.60	PASS
Band5	3MHz	16QAM	20635	15RB#0	-26.31	PASS
Band5	5MHz	QPSK	20425	1RB#0	-21.26	PASS
Band5	5MHz	16QAM	20425	1RB#0	-22.94	PASS
Band5	5MHz	QPSK	20425	25RB#0	-32.55	PASS
Band5	5MHz	16QAM	20425	25RB#0	-34.27	PASS
Band5	5MHz	QPSK	20625	1RB#24	-22.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	-24.74	PASS
Band5	5MHz	QPSK	20625	25RB#0	-33.82	PASS
Band5	5MHz	16QAM	20625	25RB#0	-34.69	PASS
Band5	10MHz	QPSK	20450	1RB#0	-24.76	PASS
Band5	10MHz	16QAM	20450	1RB#0	-26.15	PASS
Band5	10MHz	QPSK	20600	1RB#49	-23.61	PASS
Band5	10MHz	16QAM	20600	1RB#49	-26.30	PASS
Band5	10MHz	QPSK	20450	50RB#0	-36.02	PASS
Band5	10MHz	QPSK	20600	50RB#0	-36.28	PASS
Band7	5MHz	QPSK	20775	1RB#0	-18.35	PASS
Band7	5MHz	16QAM	20775	1RB#0	-19.24	PASS
Band7	5MHz	QPSK	20775	25RB#0	-50.49	PASS
Band7	5MHz	16QAM	20775	25RB#0	-50.23	PASS
Band7	5MHz	QPSK	21425	1RB#24	-18.15	PASS
Band7	5MHz	16QAM	21425	1RB#24	-18.61	PASS
Band7	5MHz	QPSK	21425	25RB#0	-47.35	PASS
Band7	5MHz	16QAM	21425	25RB#0	-48.12	PASS
Band7	10MHz	QPSK	20800	1RB#0	-19.29	PASS
Band7	10MHz	16QAM	20800	1RB#0	-20.18	PASS
Band7	10MHz	QPSK	21400	1RB#49	-17.97	PASS
Band7	10MHz	16QAM	21400	1RB#49	-19.63	PASS
Band7	10MHz	QPSK	20800	50RB#0	-47.47	PASS
Band7	10MHz	QPSK	21400	50RB#0	-45.92	PASS
Band7	15MHz	QPSK	20825	1RB#0	-19.17	PASS
Band7	15MHz	16QAM	20825	1RB#0	-20.65	PASS

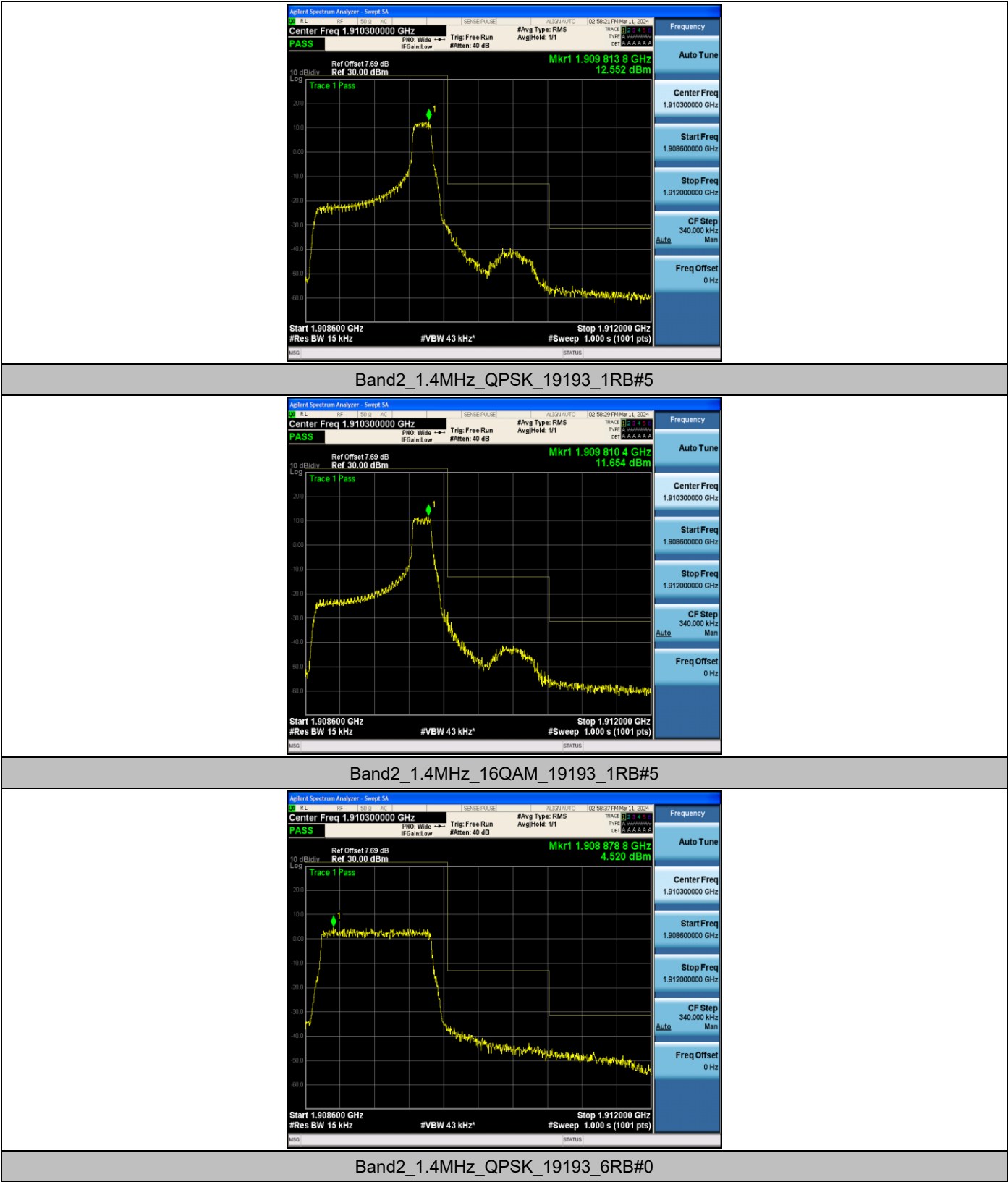
Band7	15MHz	QPSK	21375	1RB#74	-19.29	PASS
Band7	15MHz	16QAM	21375	1RB#74	-17.90	PASS
Band7	15MHz	QPSK	20825	75RB#0	-46.57	PASS
Band7	15MHz	QPSK	21375	75RB#0	-45.05	PASS
Band7	20MHz	QPSK	20850	1RB#0	-22.44	PASS
Band7	20MHz	16QAM	20850	1RB#0	-21.90	PASS
Band7	20MHz	QPSK	21350	1RB#99	-21.06	PASS
Band7	20MHz	16QAM	21350	1RB#99	-23.86	PASS
Band7	20MHz	QPSK	20850	100RB#0	-45.91	PASS
Band7	20MHz	QPSK	21350	100RB#0	-44.87	PASS
Band17	5MHz	QPSK	23755	1RB#0	-24.46	PASS
Band17	5MHz	16QAM	23755	1RB#0	-26.35	PASS
Band17	5MHz	QPSK	23755	25RB#0	-33.30	PASS
Band17	5MHz	16QAM	23755	25RB#0	-40.17	PASS
Band17	5MHz	QPSK	23825	1RB#24	-24.46	PASS
Band17	5MHz	16QAM	23825	1RB#24	-25.71	PASS
Band17	5MHz	QPSK	23825	25RB#0	-40.08	PASS
Band17	5MHz	16QAM	23825	25RB#0	-40.87	PASS
Band17	10MHz	QPSK	23780	1RB#0	-30.62	PASS
Band17	10MHz	16QAM	23780	1RB#0	-30.26	PASS
Band17	10MHz	QPSK	23800	1RB#49	-29.56	PASS
Band17	10MHz	16QAM	23800	1RB#49	-31.78	PASS
Band17	10MHz	QPSK	23780	50RB#0	-42.65	PASS
Band17	10MHz	QPSK	23800	50RB#0	-43.86	PASS

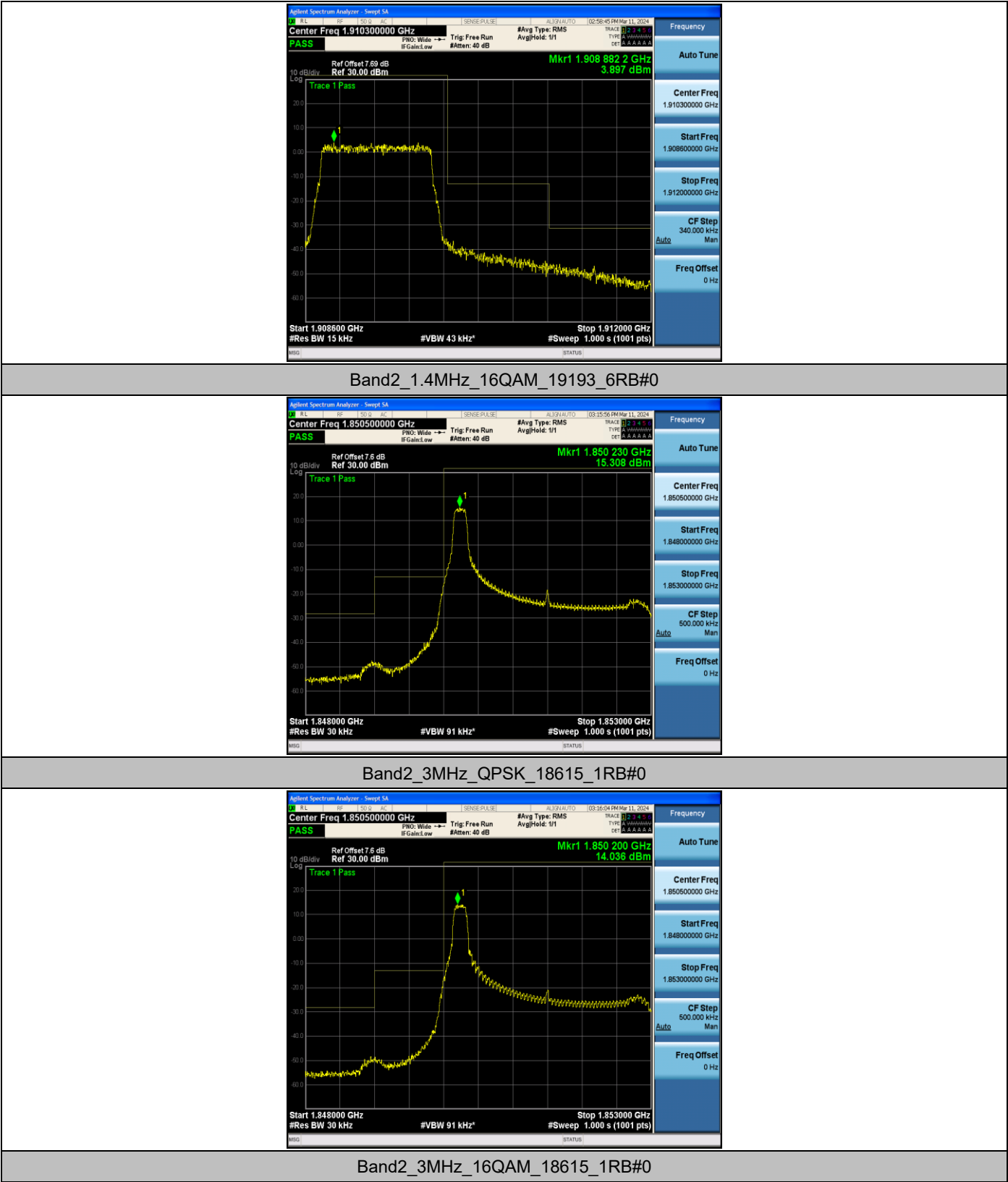
Test Graphs



Band2_1.4MHz_QPSK_18607_1RB#0







Agilent Spectrum Analyzer - Sweep 5A

Center Freq 1.850500000 GHz

PASS

Ref Offset 7.6 dB

Ref 30.00 dBm

Trace 1 Pass

Start 1.848000 GHz

#Res BW 30 kHz

#VBW 91 kHz

Stop 1.853000 GHz

#Sweep 1.000 s (1001 pts)

SENSE PULSE

03/15/2024

03:16:04 PM Mar 11, 2024

TYPE A

DEF A

Trace 1

1.850200 GHz

14.036 dBm

Mkr1

1.850200 GHz

14.036 dBm

Trig: Free Run

#Att: 40 dB

Avg Hold: 1/1

#Avg Type: RMS

Frequency

Auto Tune

Center Freq

1.850500000 GHz

Start Freq

1.848000000 GHz

Stop Freq

1.853000000 GHz

CF Step

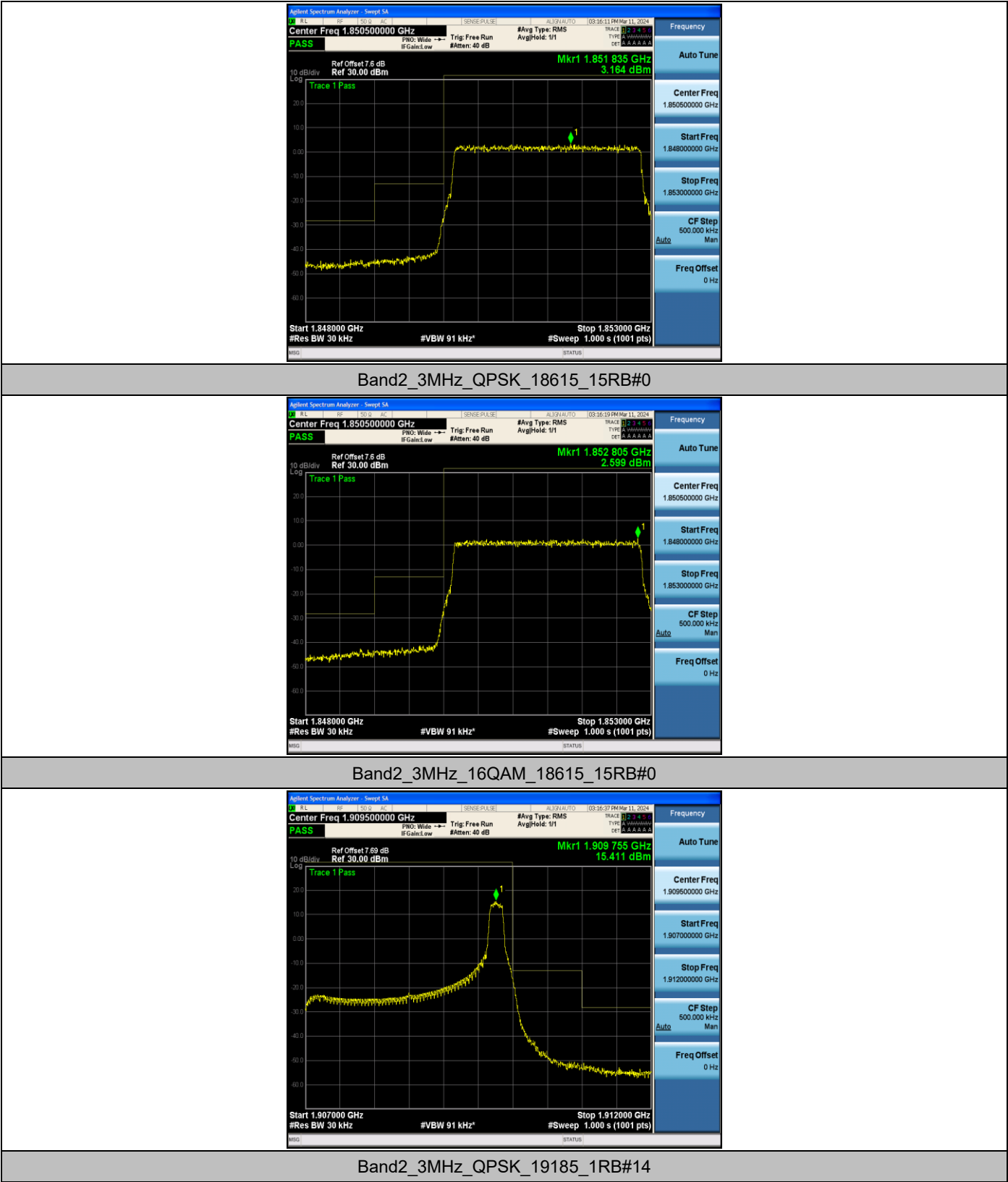
500.000 kHz

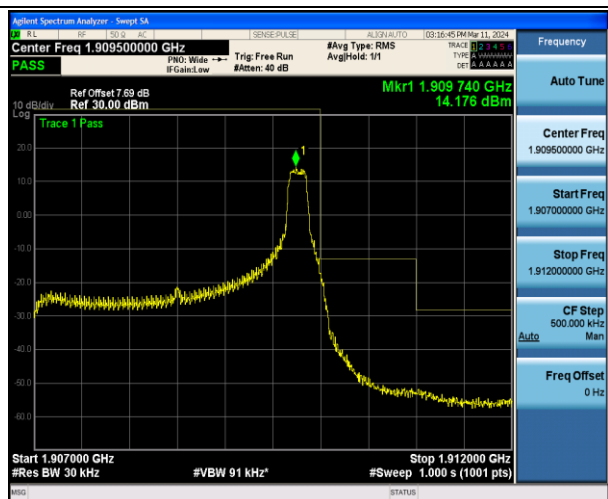
Auto

Freq Offset

0 Hz

Band2_3MHz_16QAM_18615_1RB#0





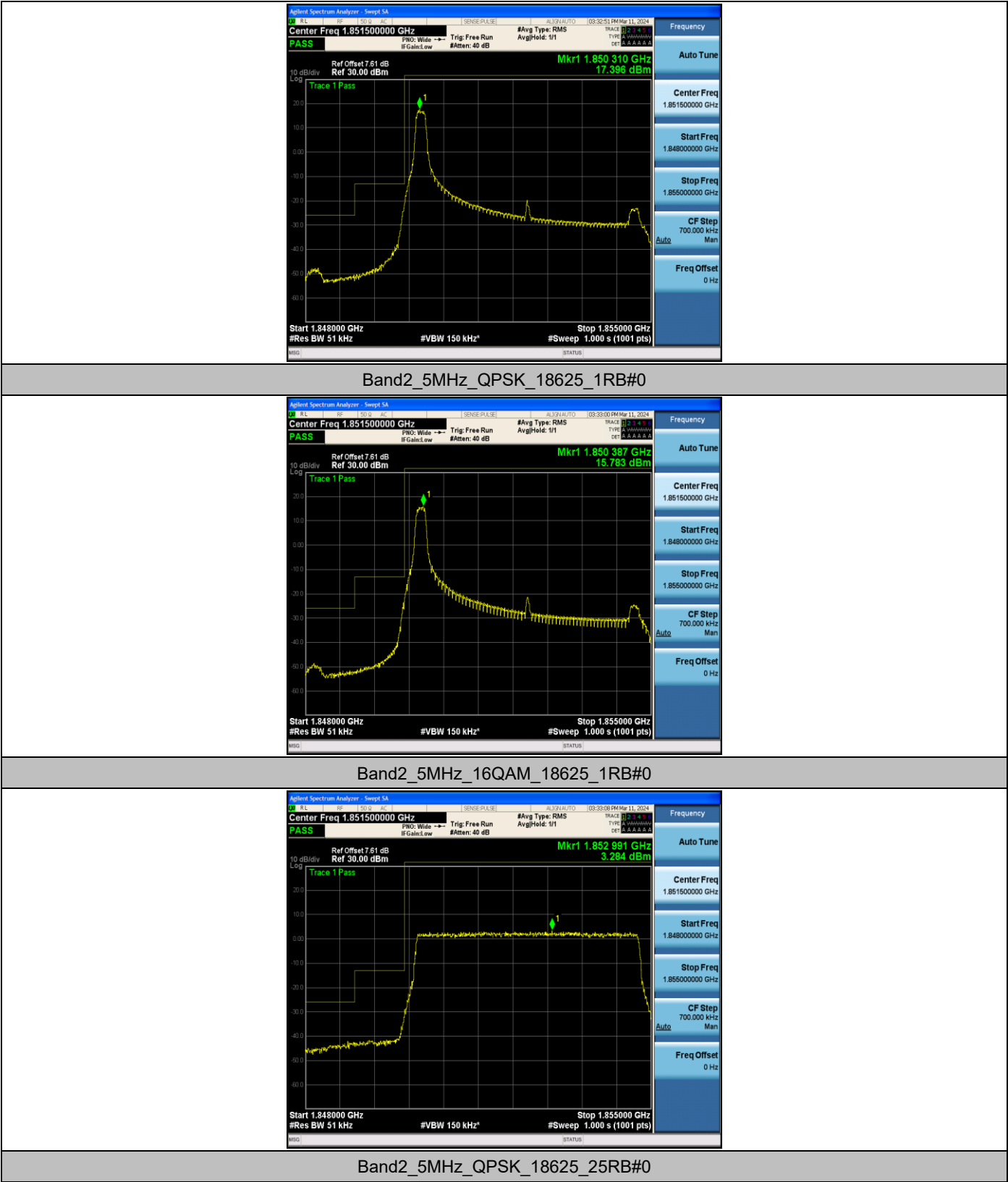
Band2_3MHz_16QAM_19185_1RB#14

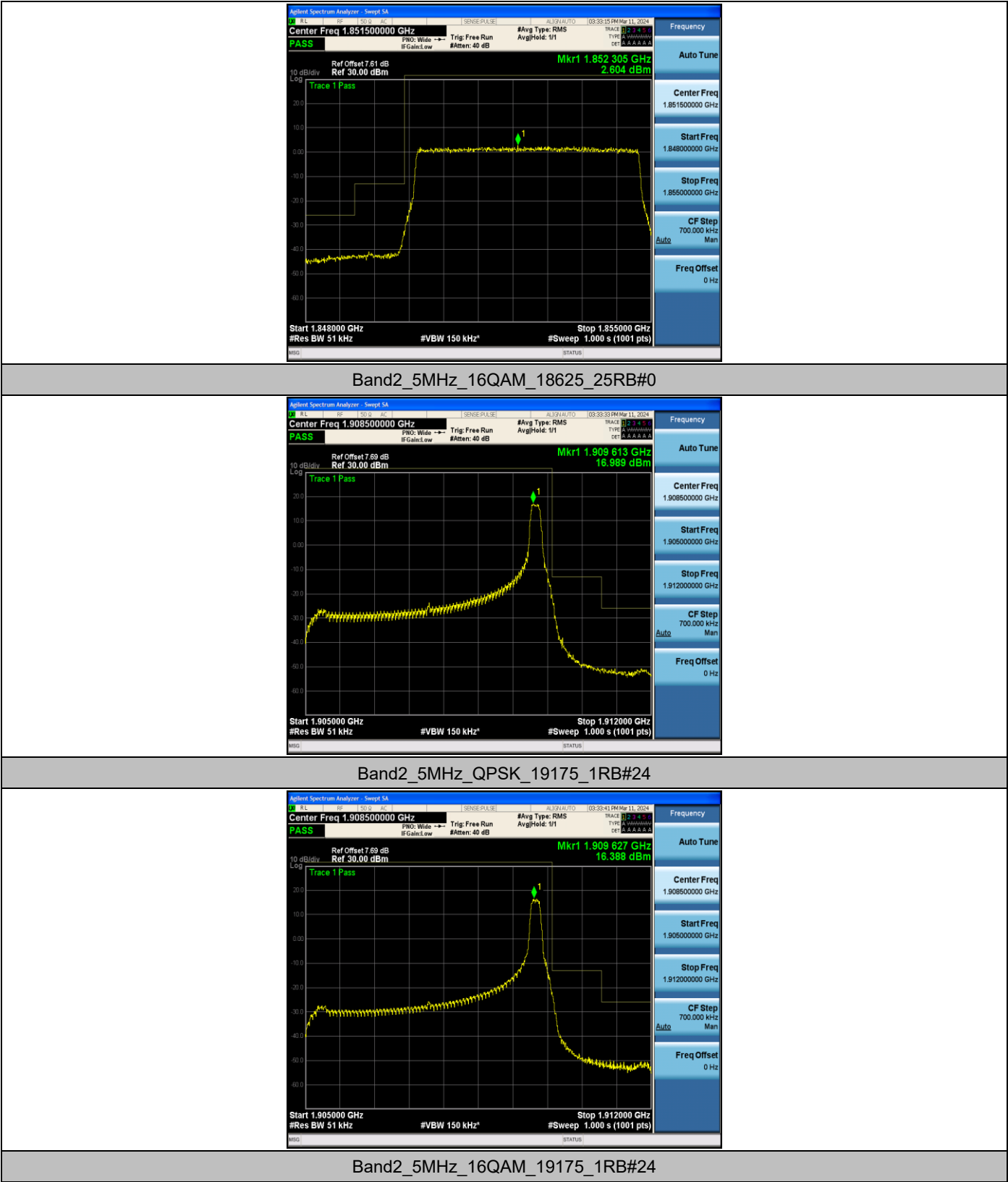


Band2 3MHz QPSK 19185 15RB#0



Band2_3MHz_16QAM_19185_15RB#0





Agilent Spectrum Analyzer - Sweep 5A

Center Freq 1.908500000 GHz

PASS

Ref Offset 7.69 dB

Ref 30.00 dBm

Trace 1 Pass

Start 1.905000 GHz

#Res BW 51 kHz

#VBW 150 kHz

Stop 1.912000 GHz

#Sweep 1.000 s (1001 pts)

Mkr1 1.909 627 GHz

16.388 dBm

Frequency

Auto Tune

Center Freq

1.908500000 GHz

Start Freq

1.905000000 GHz

Stop Freq

1.912000000 GHz

CF Step

700.000 kHz

Man

Freq Offset

0 Hz

Band2_5MHz_16QAM_19175_1RB#24



Agilent Spectrum Analyzer - Sweep 5A

Center Freq 1.854000000 GHz

Ref Offset 7.62 dB

Ref 30.00 dBm

Trace 1 Pass

Start 1.848000 GHz

Stop 1.860000 GHz

#Res BW 100 kHz

#VBW 300 kHz

#Sweep 1.000 s (1001 pts)

Frequency

Auto Tune

Center Freq

1.854000000 GHz

Start Freq

1.848000000 GHz

Stop Freq

1.860000000 GHz

CF Step

1200000 MHz

Auto

Freq Offset

0 Hz

0 dB/div

Log

Mkr1 1.850 804 GHz

19.964 dBm

Trace 1 Pass

Start 1.848000 GHz

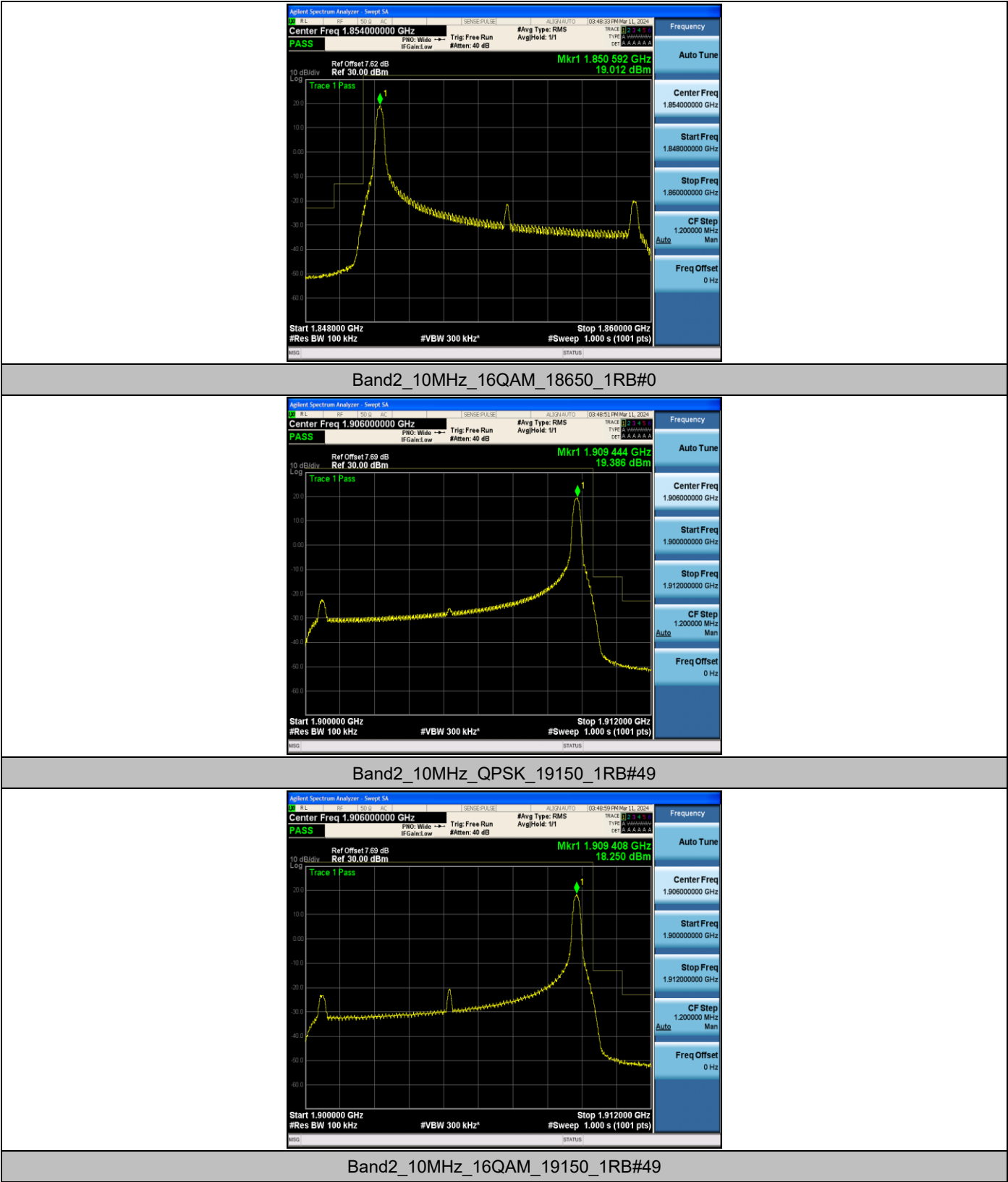
Stop 1.860000 GHz

#Res BW 100 kHz

#VBW 300 kHz

#Sweep 1.000 s (1001 pts)

Band2_10MHz_QPSK_18650_1RB#0



Agilent Spectrum Analyzer - Sweep 5A

Center Freq 1.906000000 GHz

PASS

Ref Offset 7.69 dB

Ref 30.00 dBm

Trace 1 Pass

Start 1.900000 GHz

#Res BW 100 kHz

#VBW 300 kHz

#Sweep 1.000 s (1001 pts)

Mkr1 1.908 408 GHz

18.250 dBm

Frequency

Auto Tune

Center Freq

1.906000000 GHz

Start Freq

1.900000000 GHz

Stop Freq

1.912000000 GHz

CF Step

1.200000 MHz

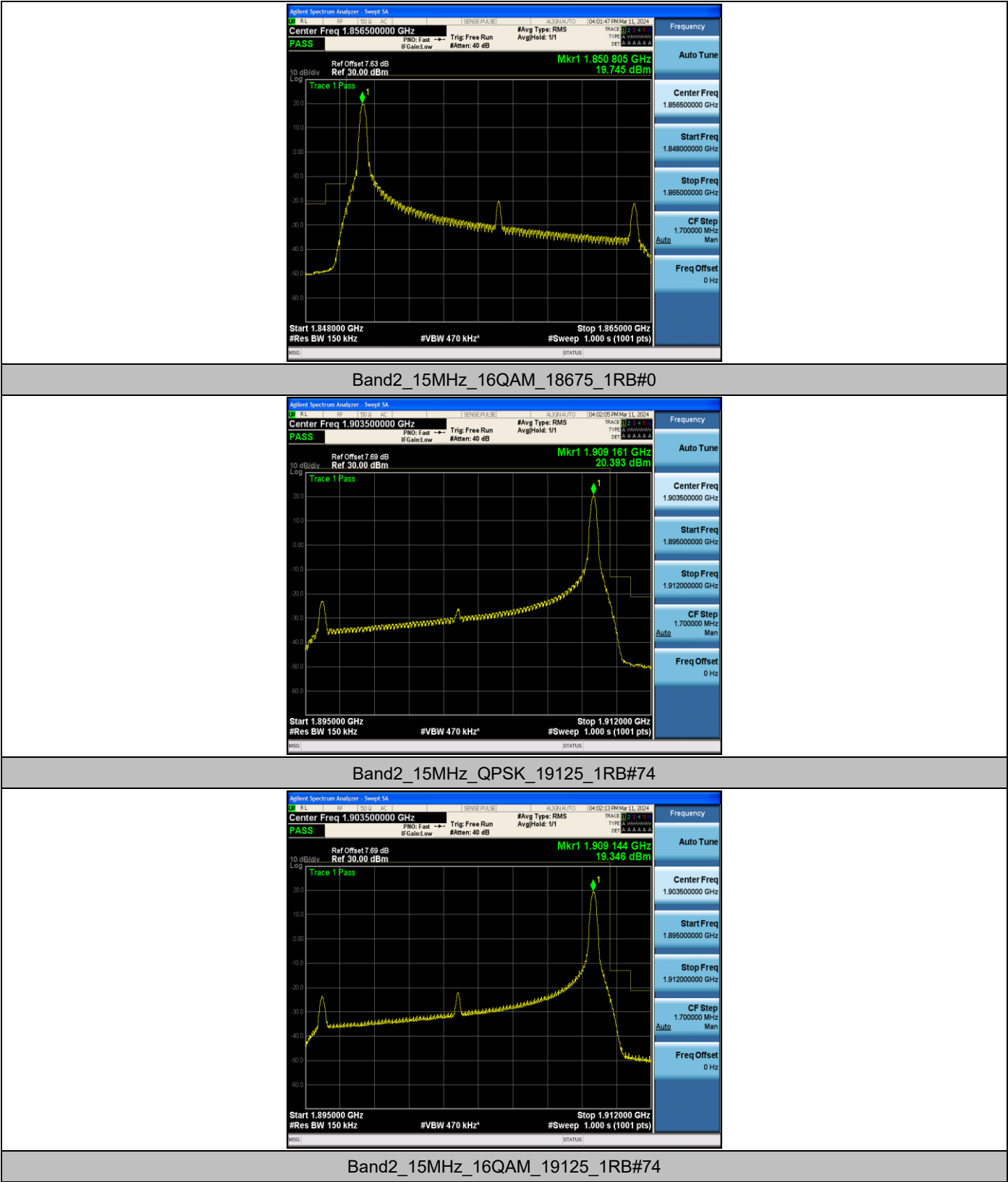
Auto

Freq Offset

0 Hz

Band2_10MHz_16QAM_19150_1RB#49





Agilent Spectrum Analyzer - Sweep 5A

Center Freq 1.903500000 GHz

PASS

Ref Offset 7.69 dB

Ref 30.00 dBm

Trace 1 Pass

Start 1.895000 GHz

Stop 1.912000 GHz

#Res BW 150 kHz

#VBW 470 kHz

#Sweep 1.000 s (1001 pts)

Mkr1 1.908 144 GHz

19.346 dBm

Frequency

Auto Tune

Center Freq

1.903500000 GHz

Start Freq

1.895000000 GHz

Stop Freq

1.912000000 GHz

CF Step

1.700000 MHz

Auto

Freq Offset

0 Hz

Band2_15MHz_16QAM_19125_1RB#74

