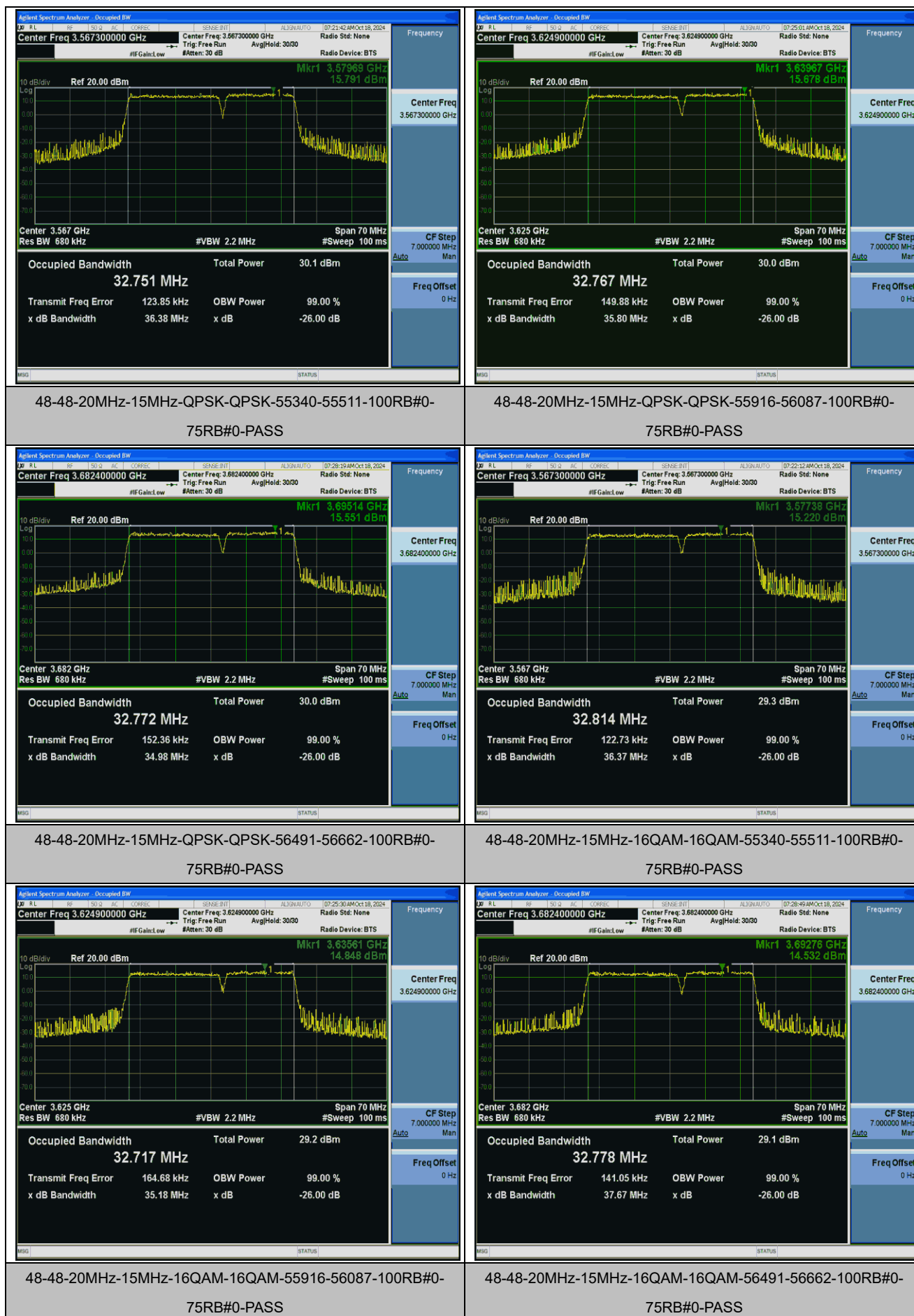
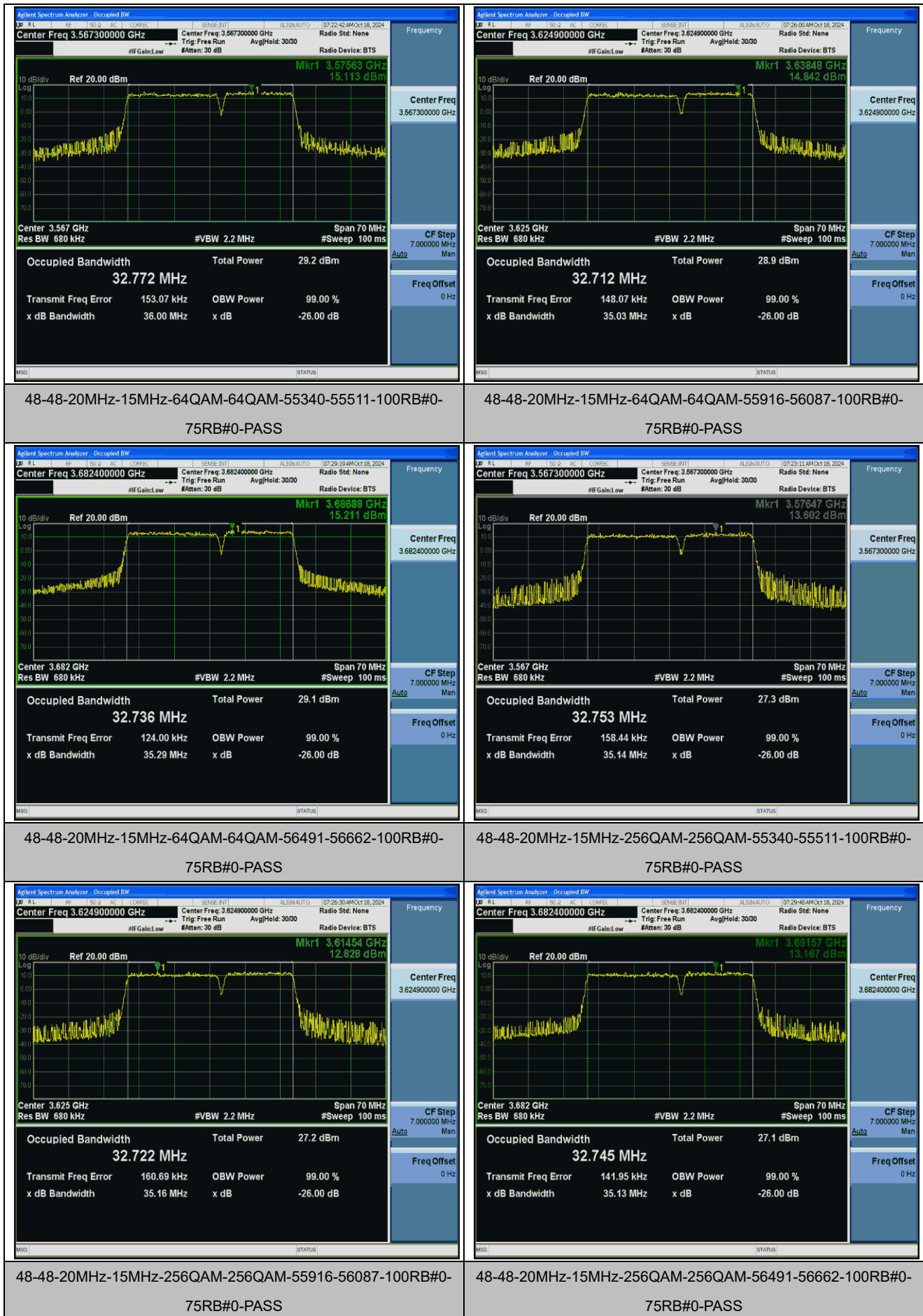
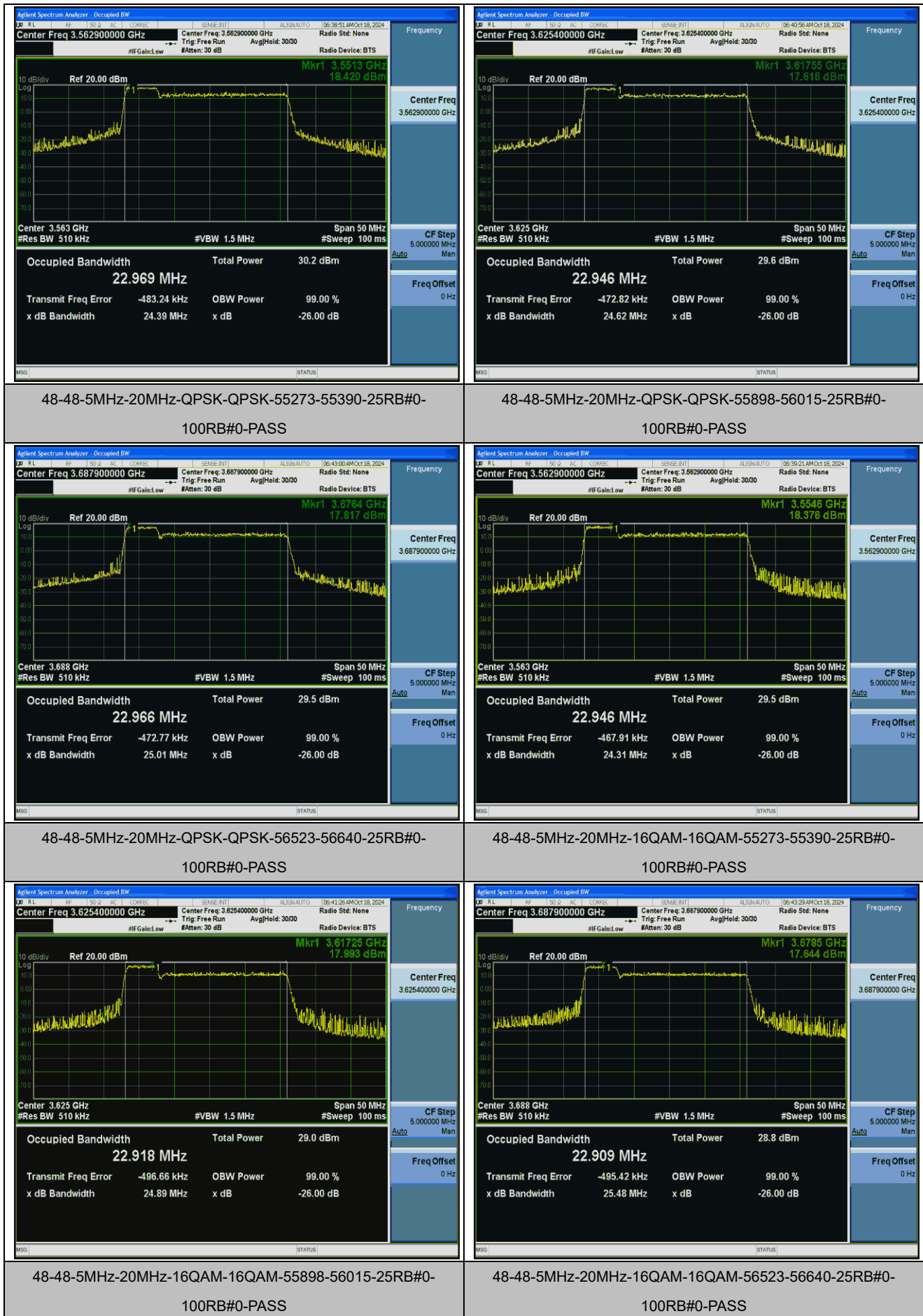
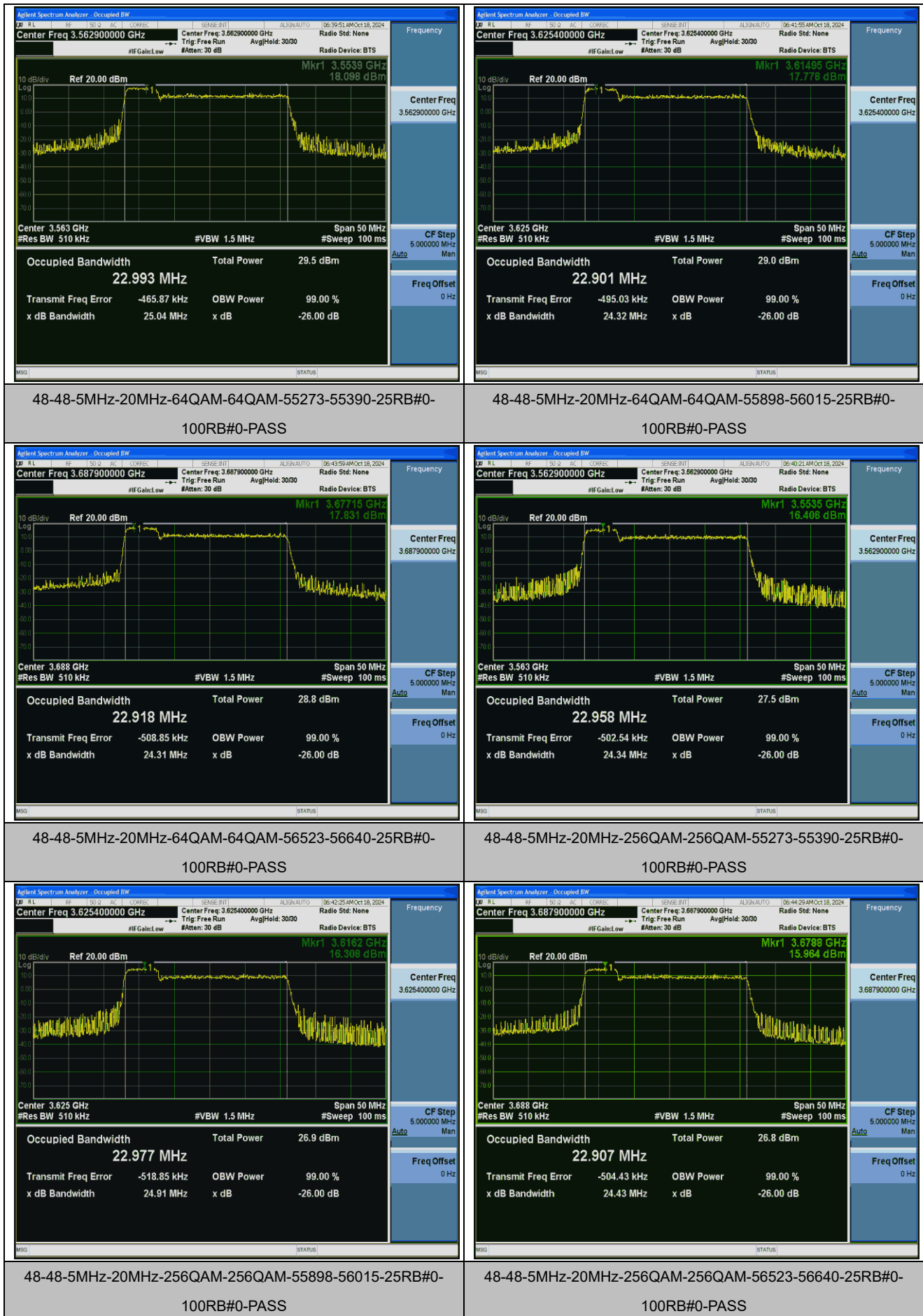
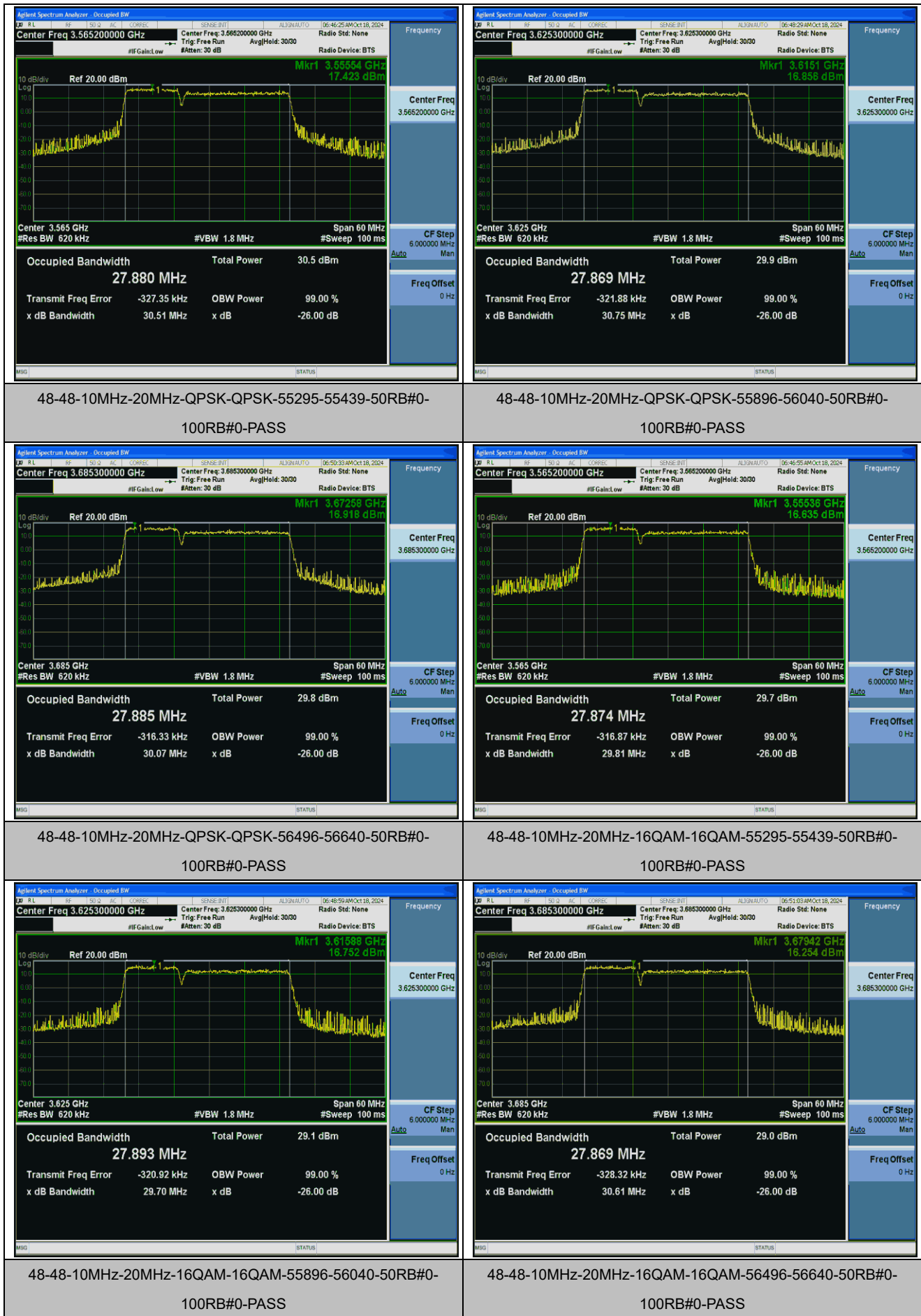


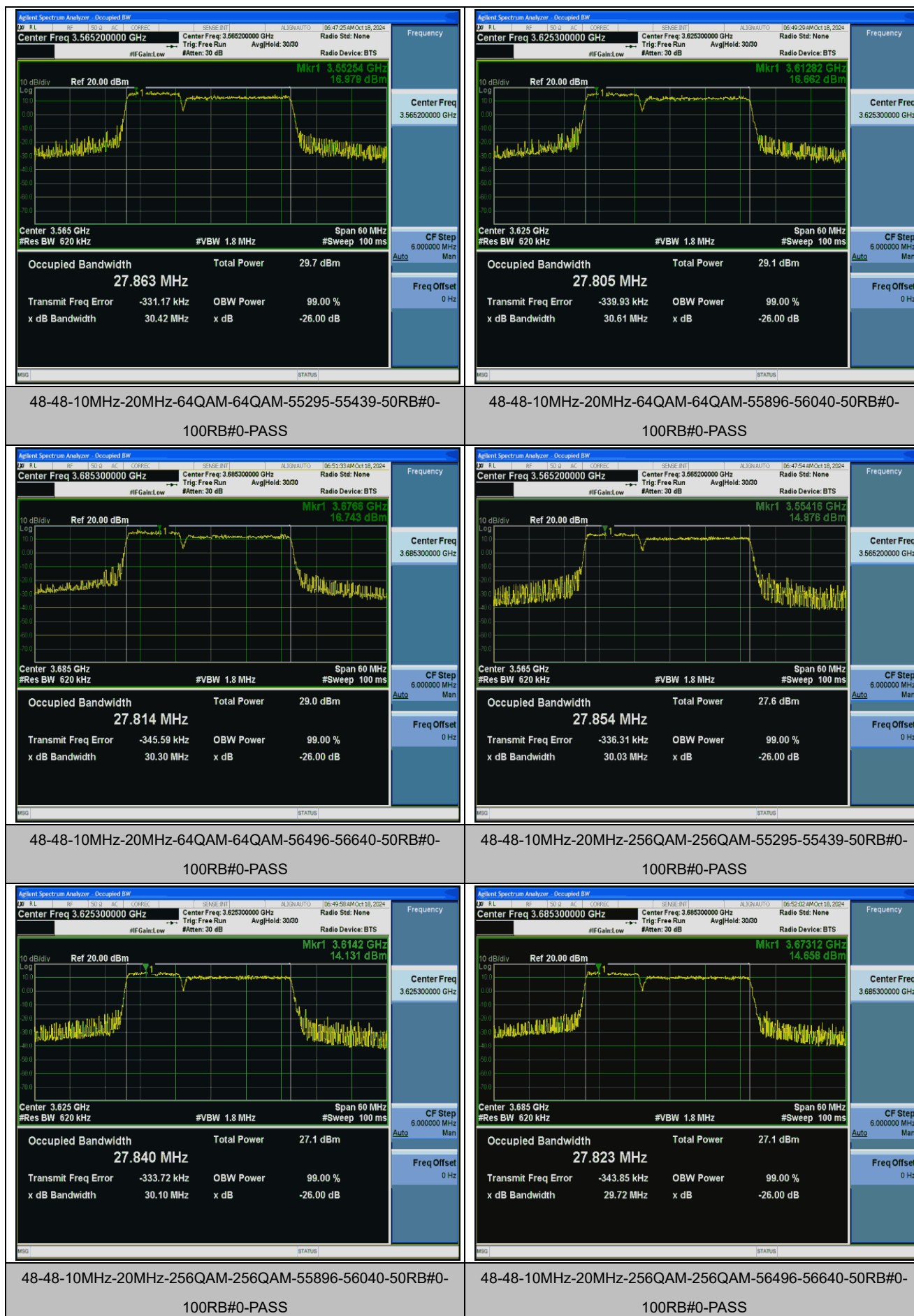


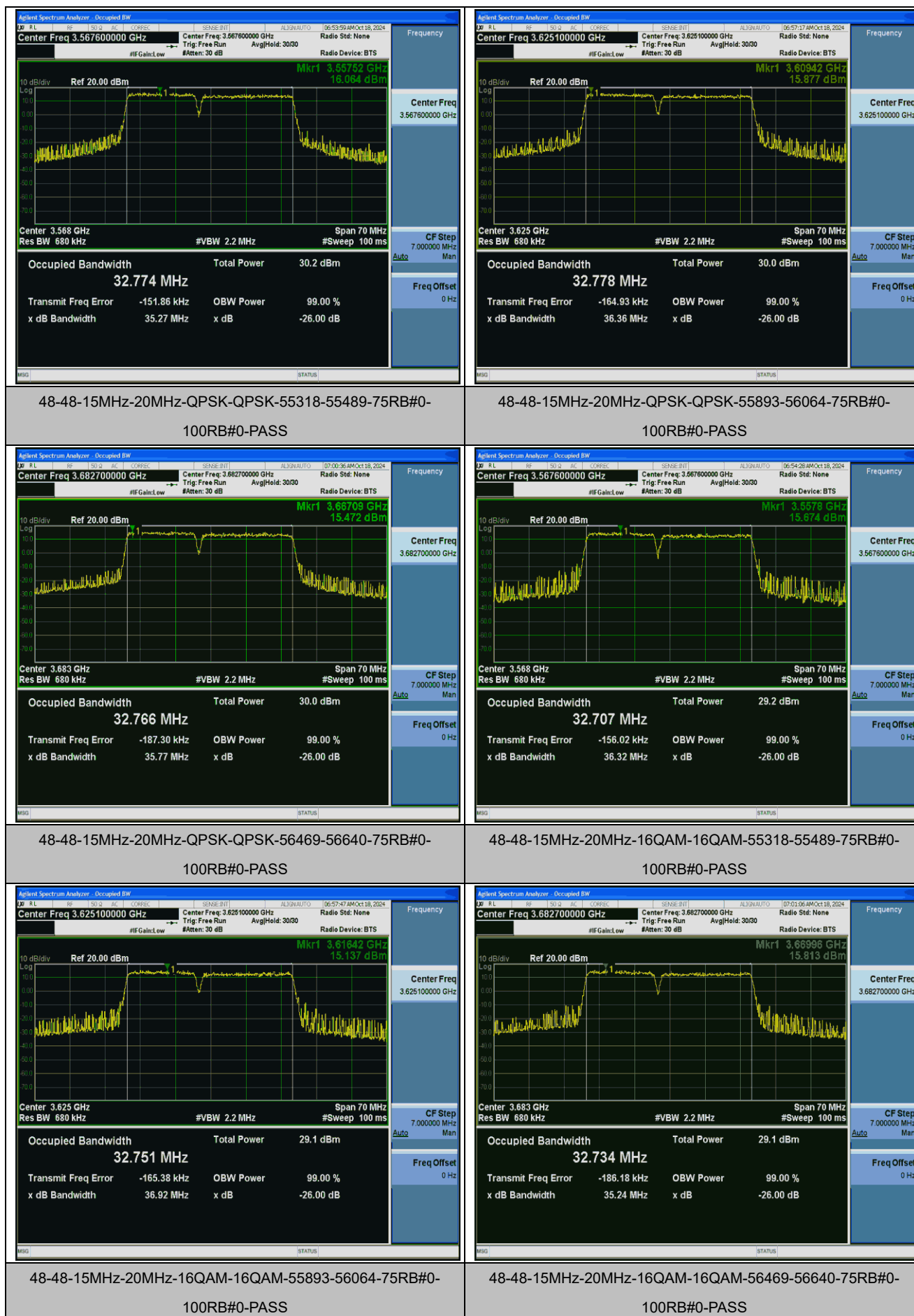


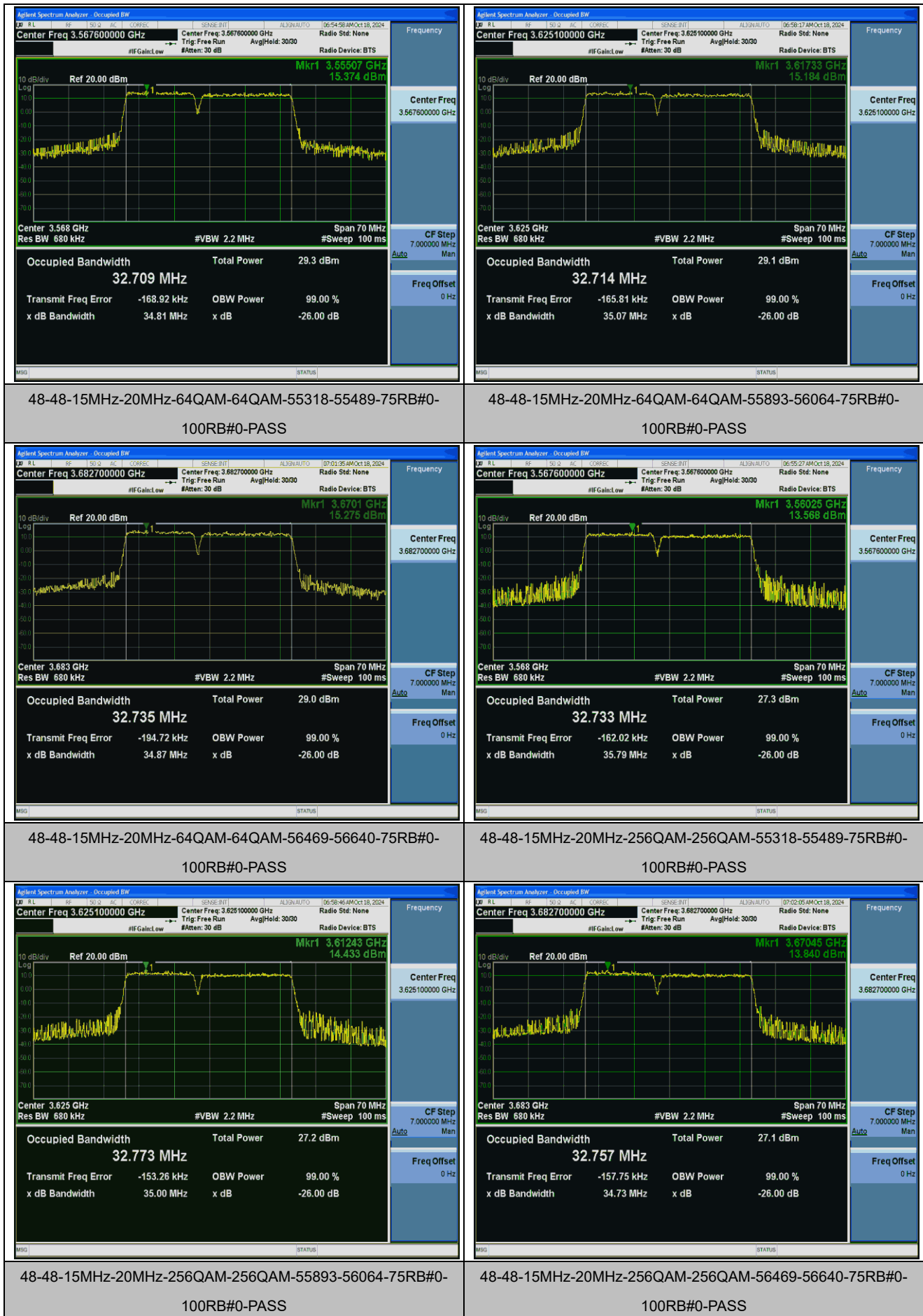


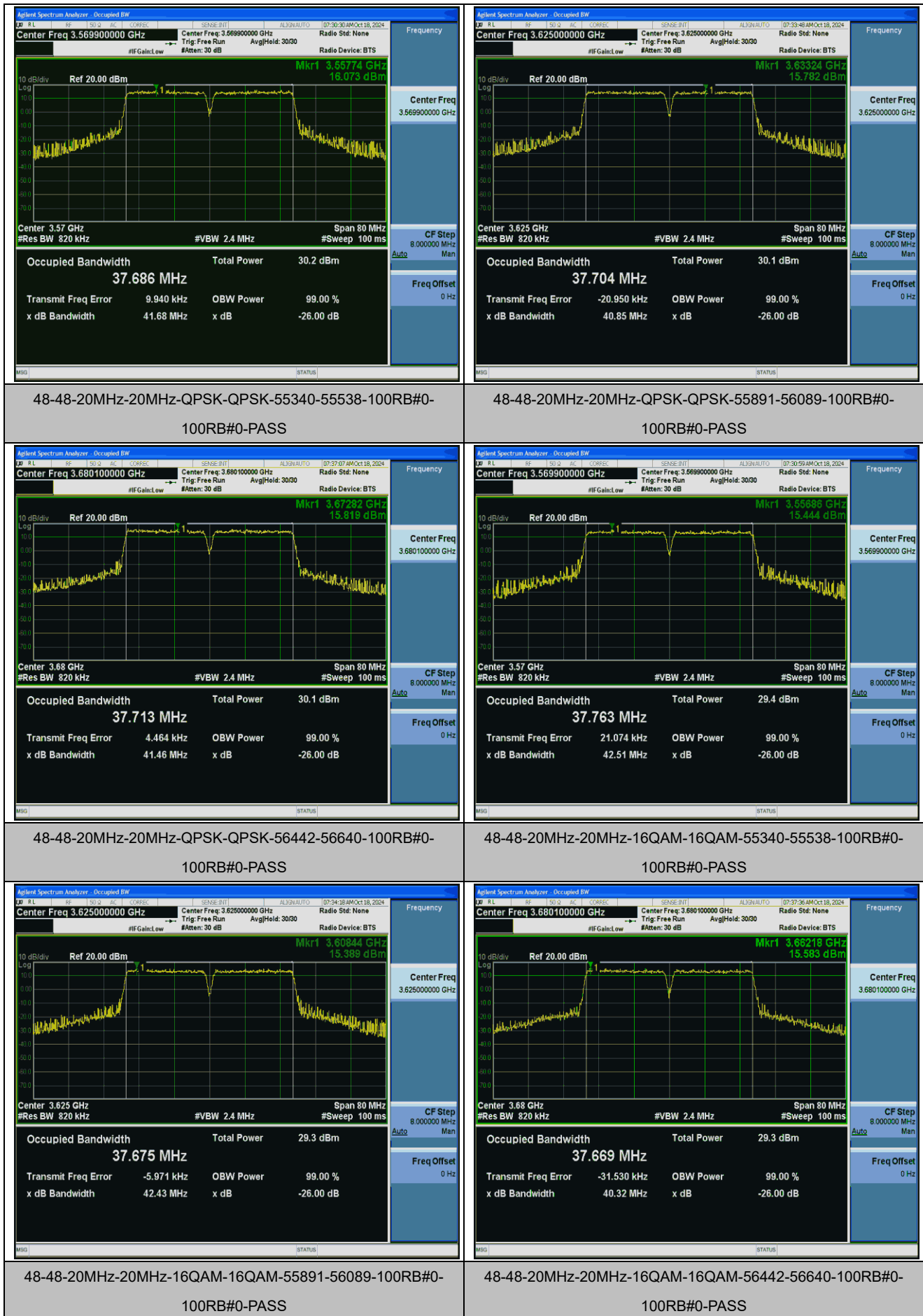


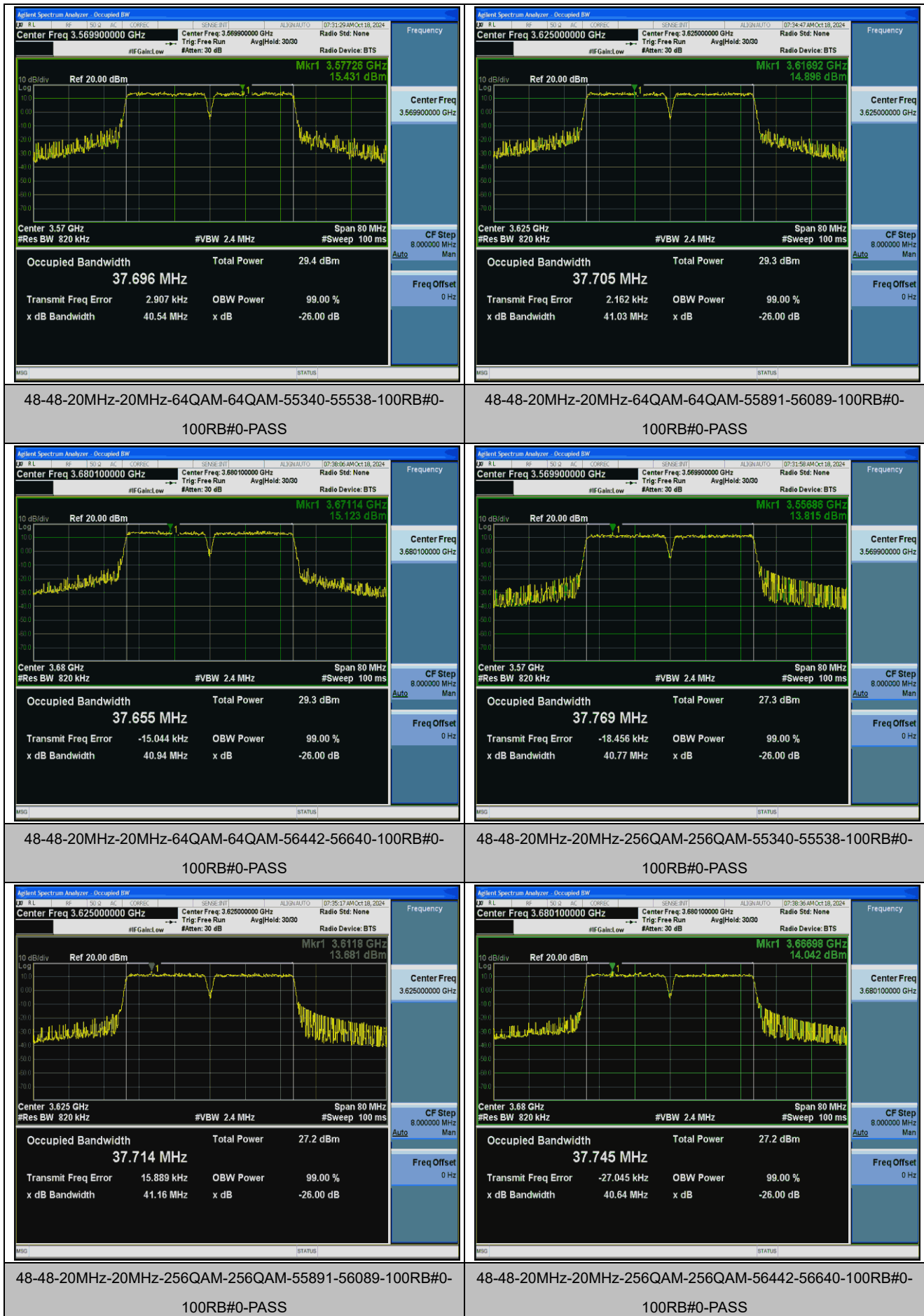






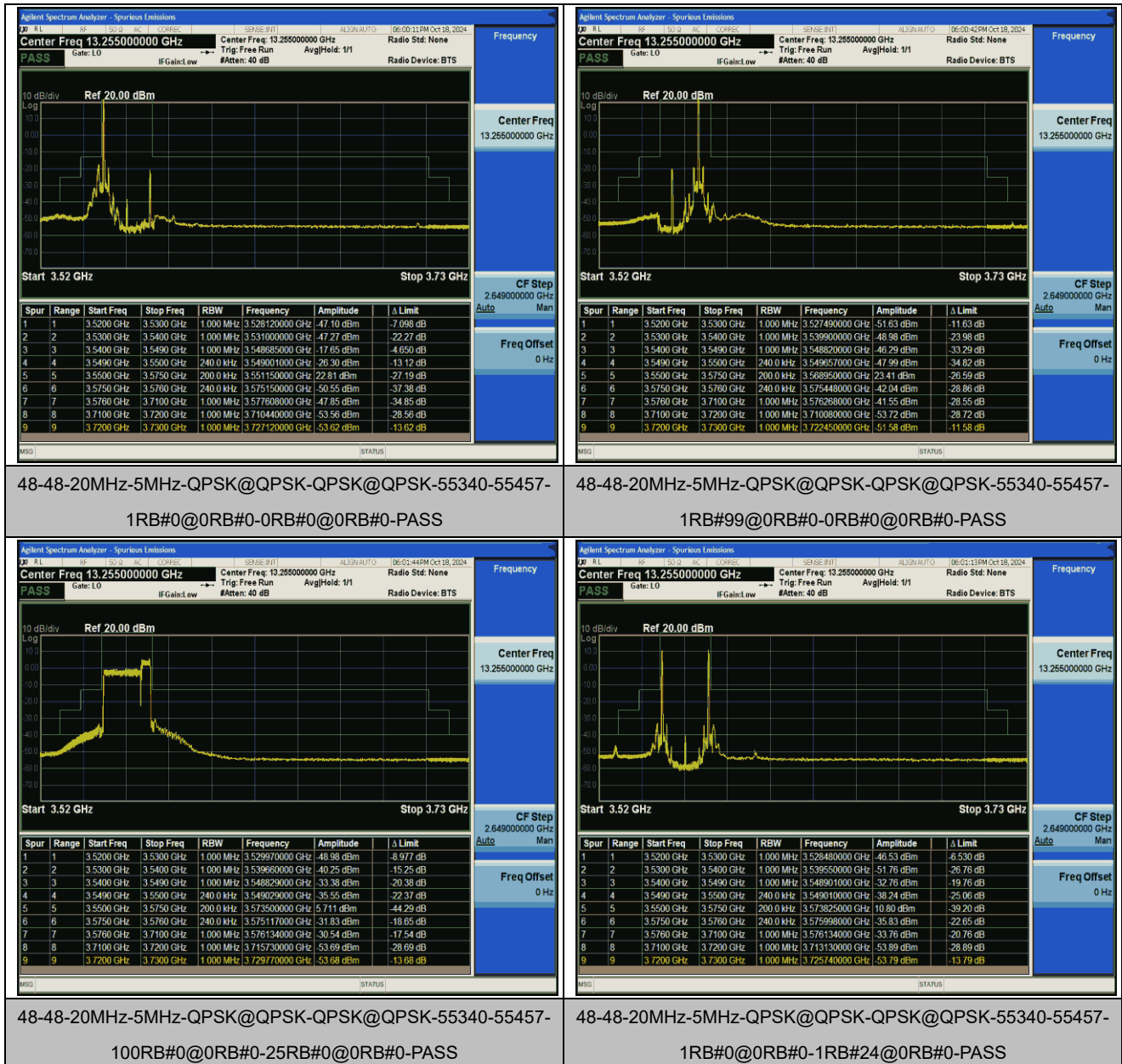


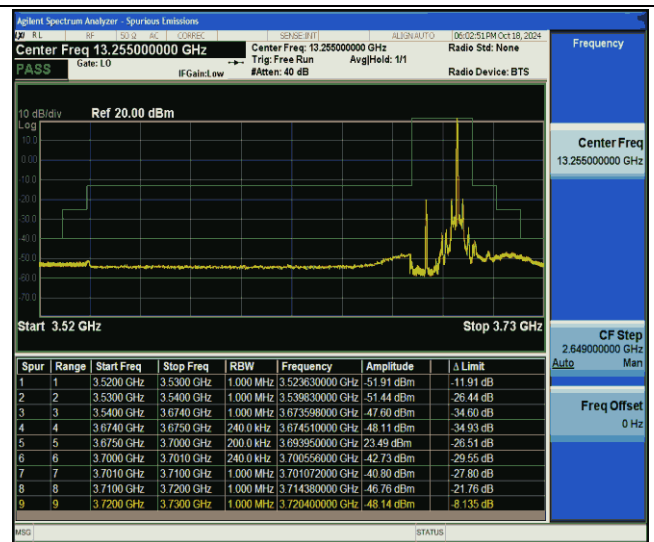
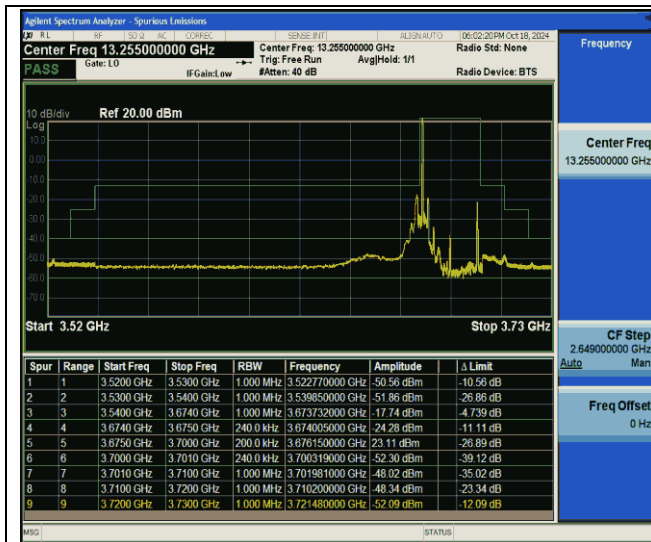




Band Edge

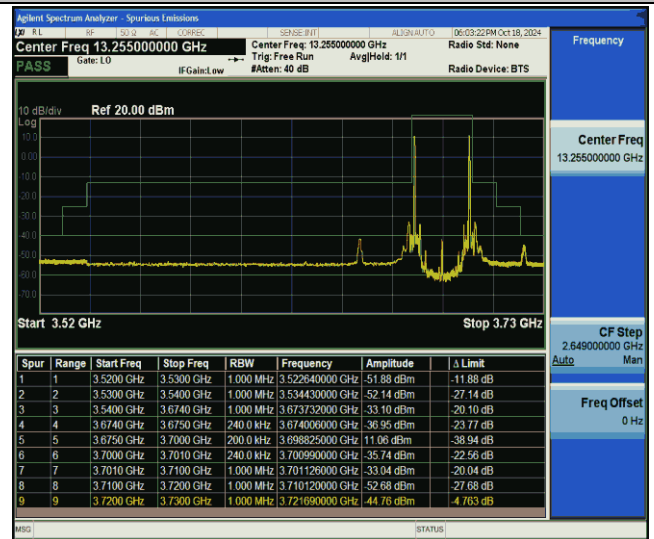
Test Graphs





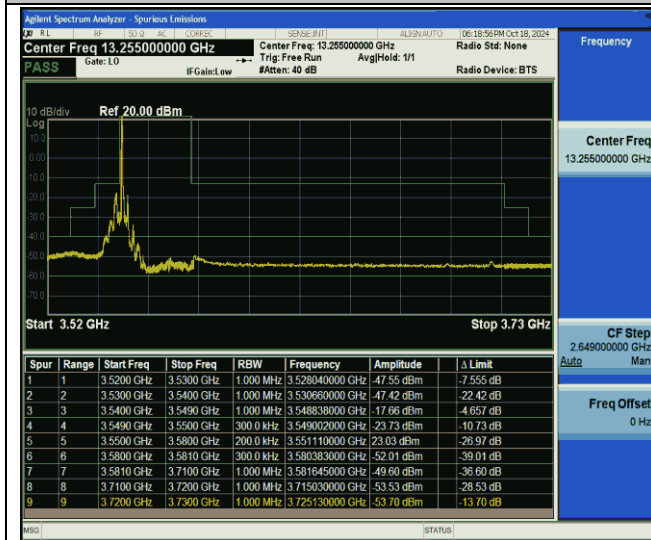
48-48-20MHz-5MHz-QPSK@QPSK-QPSK@QPSK-56590-56707-
1RB#0@0RB#0-0RB#0@0RB#0-PASS

48-48-20MHz-5MHz-QPSK@QPSK-QPSK@QPSK-56590-56707-
1RB#99@0RB#0-0RB#0@0RB#0-PASS



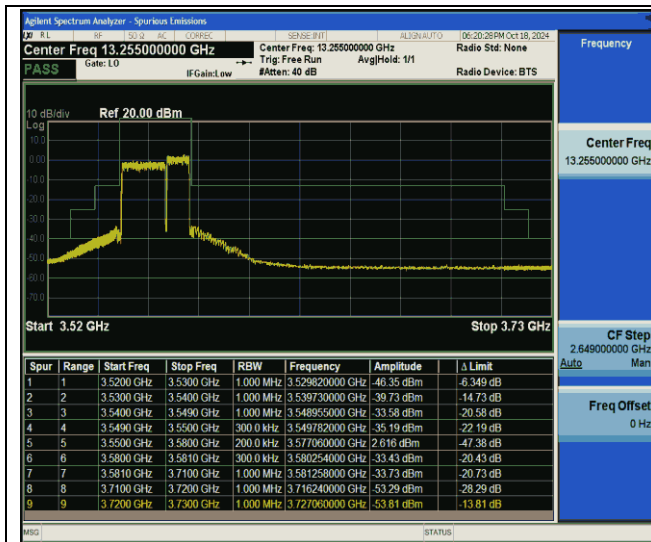
48-48-20MHz-5MHz-QPSK@QPSK-QPSK@QPSK-56590-56707-
100RB#0@0RB#0-25RB#0@0RB#0-PASS

48-48-20MHz-5MHz-QPSK@QPSK-QPSK@QPSK-56590-56707-
1RB#0@0RB#0-1RB#24@0RB#0-PASS

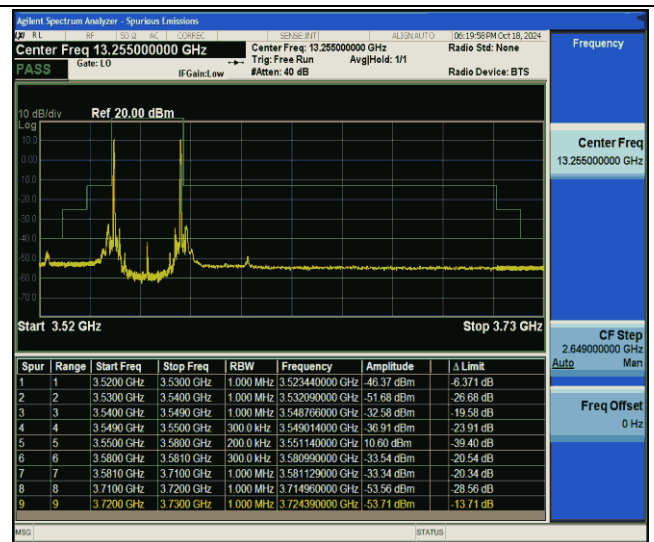


48-48-20MHz-10MHz-QPSK@QPSK-QPSK@QPSK-55340-
55484-1RB#0@0RB#0-0RB#0@0RB#0-PASS

48-48-20MHz-10MHz-QPSK@QPSK-QPSK@QPSK-55340-
55484-1RB#99@0RB#0-0RB#0@0RB#0-PASS



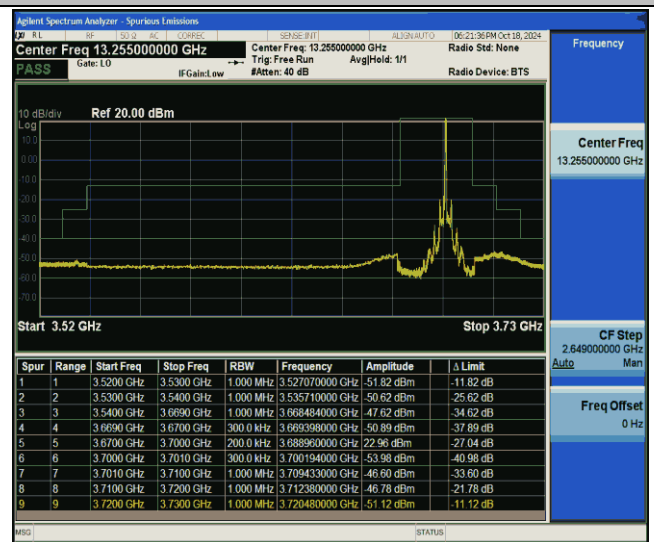
48-48-20MHz-10MHz-QPSK@QPSK-QPSK@QPSK-55340-
55484-100RB#0@0RB#0-50RB#0@0RB#0-PASS



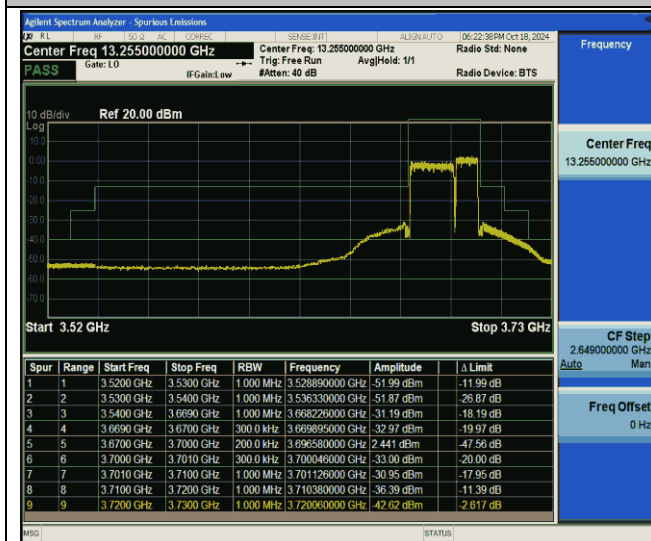
48-48-20MHz-10MHz-QPSK@QPSK-QPSK@QPSK-55340-
55484-1RB#0@0RB#0-1RB#49@0RB#0-PASS



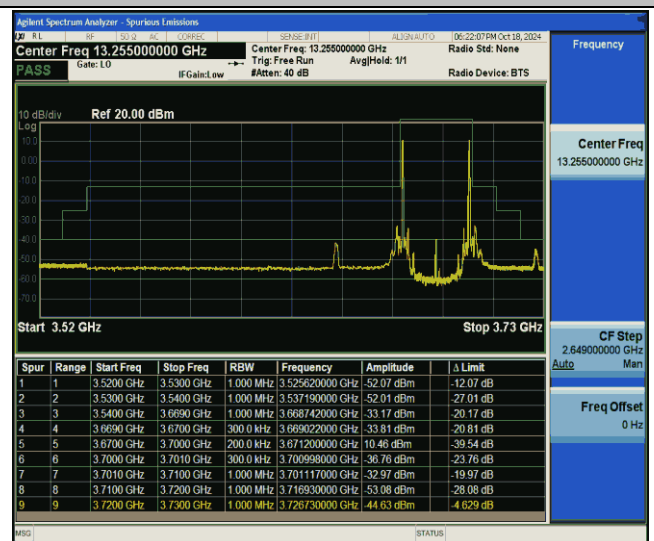
48-48-20MHz-10MHz-QPSK@QPSK-QPSK@QPSK-56541-
56685-1RB#0@0RB#0-0RB#0@0RB#0-PASS



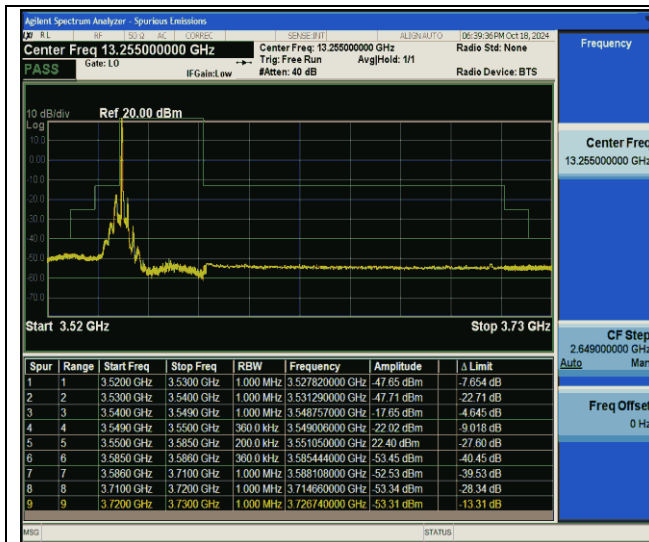
48-48-20MHz-10MHz-QPSK@QPSK-QPSK@QPSK-56541-
56685-1RB#99@0RB#0-0RB#0@0RB#0-PASS



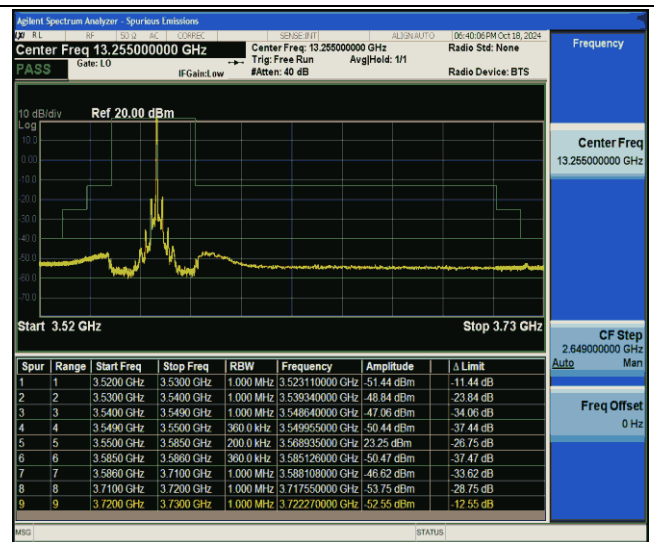
48-48-20MHz-10MHz-QPSK@QPSK-QPSK@QPSK-56541-
56685-100RB#0@0RB#0-50RB#0@0RB#0-PASS



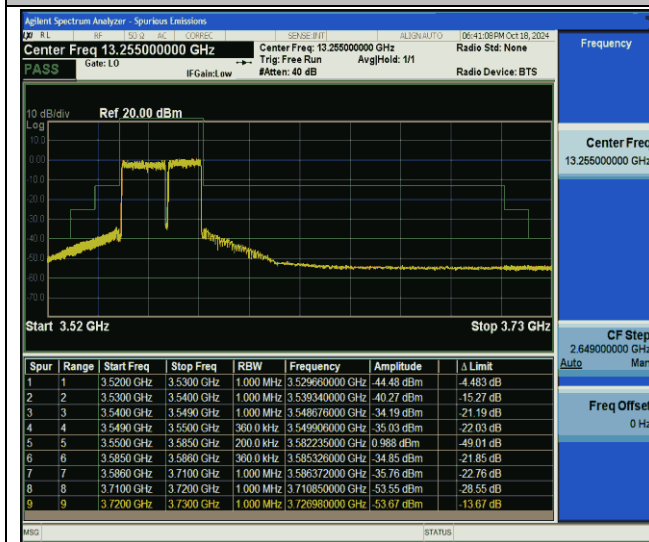
48-48-20MHz-10MHz-QPSK@QPSK-QPSK@QPSK-56541-
56685-1RB#0@0RB#0-1RB#49@0RB#0-PASS



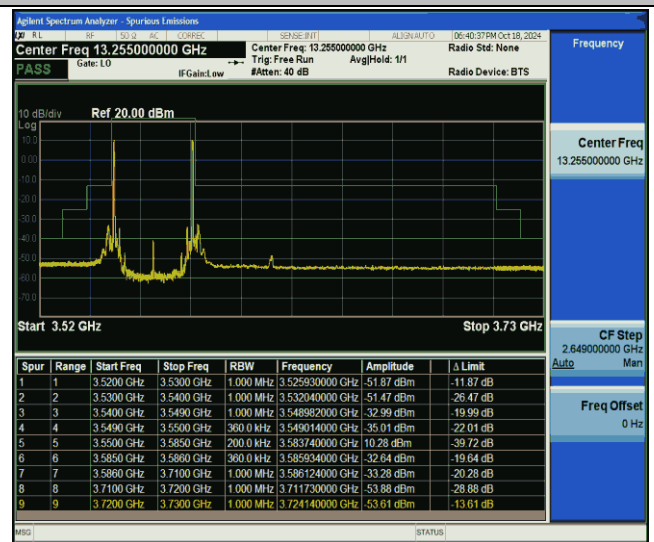
48-48-20MHz-15MHz-QPSK@QPSK-QPSK@QPSK-55340-
55511-1RB#0@0RB#0-0RB#0RB#0-PASS



48-48-20MHz-15MHz-QPSK@QPSK-QPSK@QPSK-55340-
55511-1RB#99@0RB#0-0RB#0@0RB#0-PASS



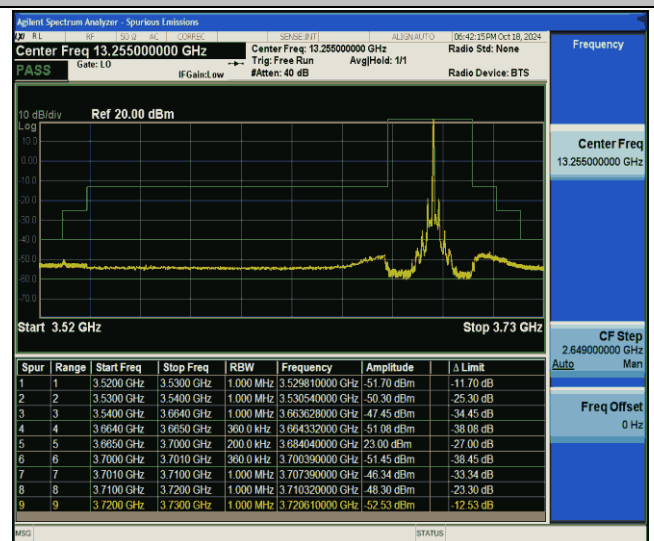
48-48-20MHz-15MHz-QPSK@QPSK-QPSK@QPSK-55340-
55511-100RB#0@0RB#0-75RB#0@0RB#0-PASS



48-48-20MHz-15MHz-QPSK@QPSK-QPSK@QPSK-55340-
55511-1RB#0@0RB#0-1RB#74@0RB#0-PASS



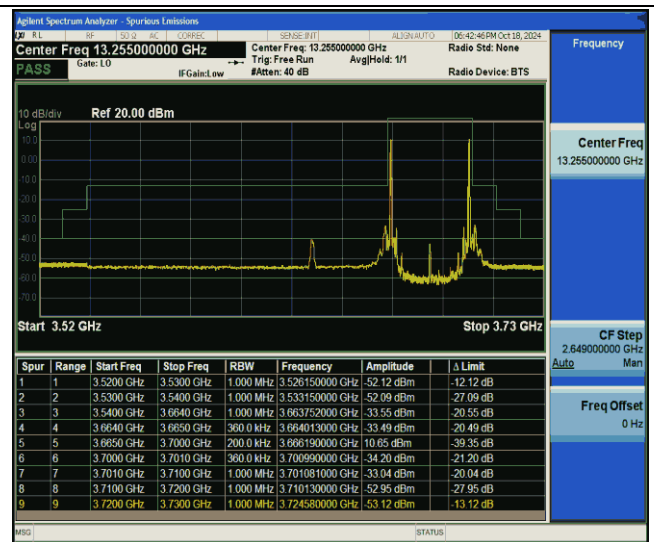
48-48-20MHz-15MHz-QPSK@QPSK-QPSK@QPSK-56491-
56662-1RB#0@0RB#0-0RB#0RB#0-PASS



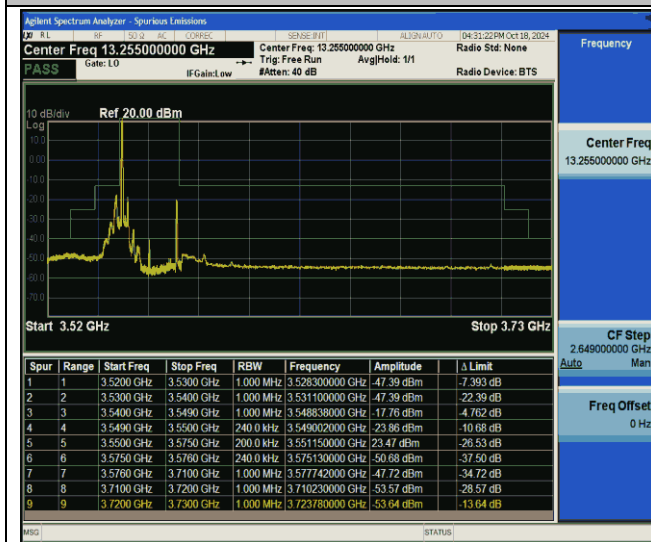
48-48-20MHz-15MHz-QPSK@QPSK-QPSK@QPSK-56491-
56662-1RB#99@0RB#0-0RB#0@0RB#0-PASS



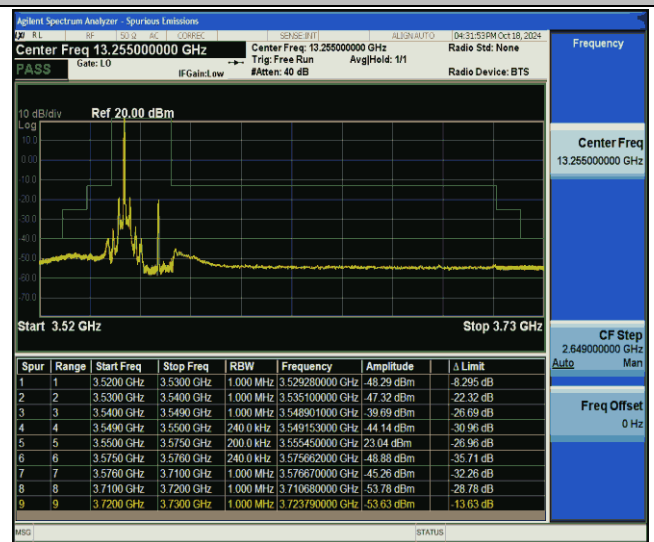
48-48-20MHz-15MHz-QPSK@QPSK-QPSK@QPSK-56491-
56662-100RB#0@0RB#0-75RB#0@0RB#0-PASS



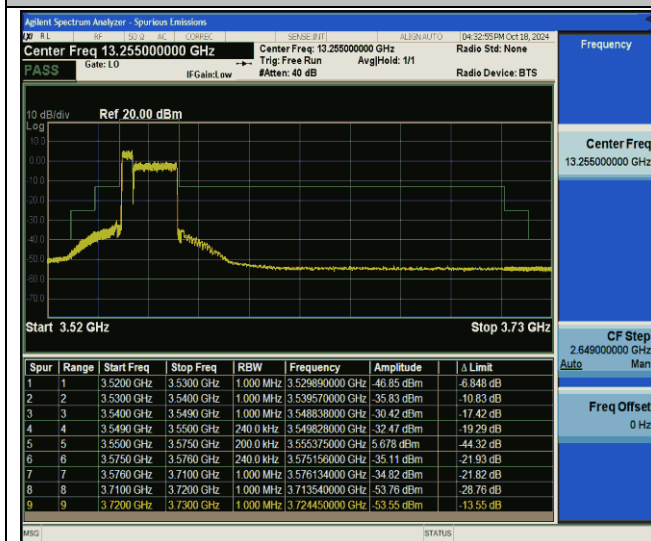
48-48-20MHz-15MHz-QPSK@QPSK-QPSK@QPSK-56491-
56662-1RB#0@0RB#0-1RB#74@0RB#0-PASS



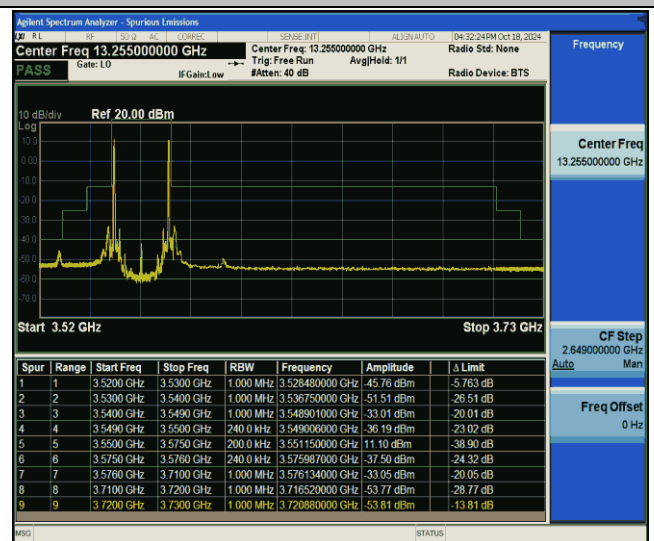
48-48-5MHz-20MHz-QPSK@QPSK-QPSK@QPSK-55273-55390-
1RB#0@0RB#0-0RB#0@0RB#0-PASS



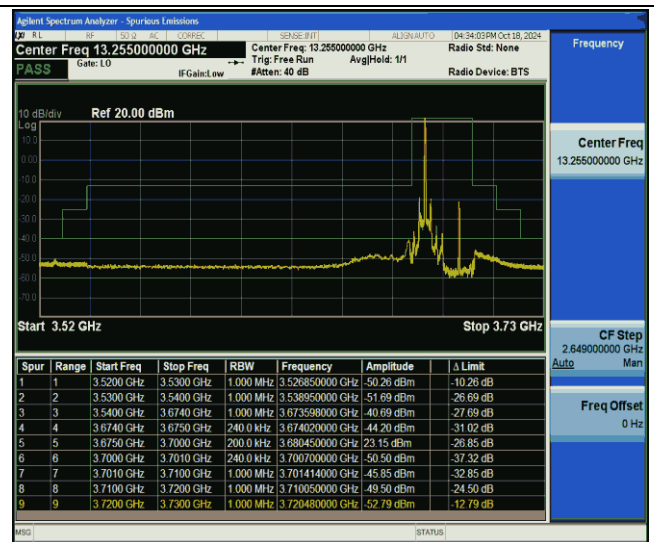
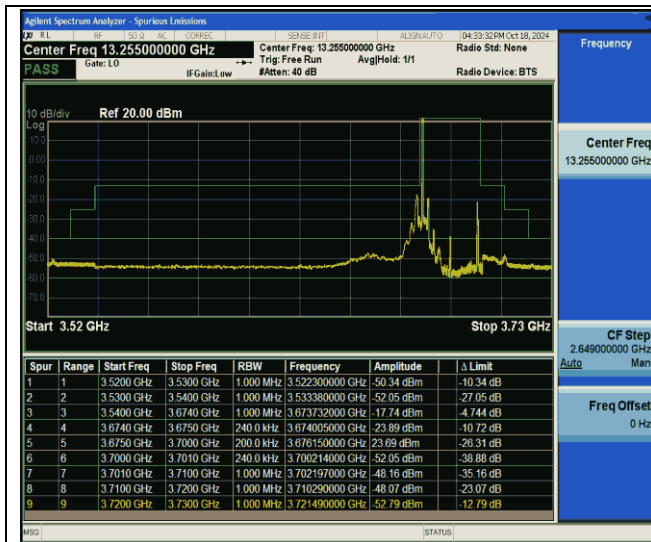
48-48-5MHz-20MHz-QPSK@QPSK-QPSK@QPSK-55273-55390-
1RB#24@0RB#0-0RB#0@0RB#0-PASS



48-48-5MHz-20MHz-QPSK@QPSK-QPSK@QPSK-55273-55390-
25RB#0@0RB#0-100RB#0@0RB#0-PASS

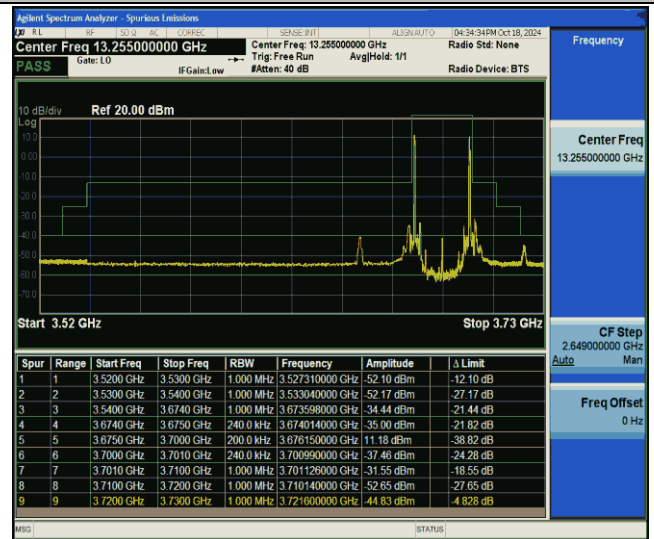


48-48-5MHz-20MHz-QPSK@QPSK-QPSK@QPSK-55273-55390-
1RB#0@0RB#0-1RB#99@0RB#0-PASS



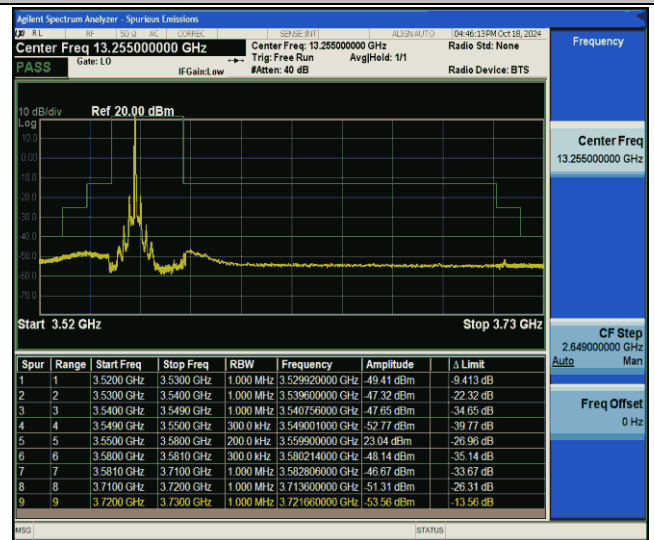
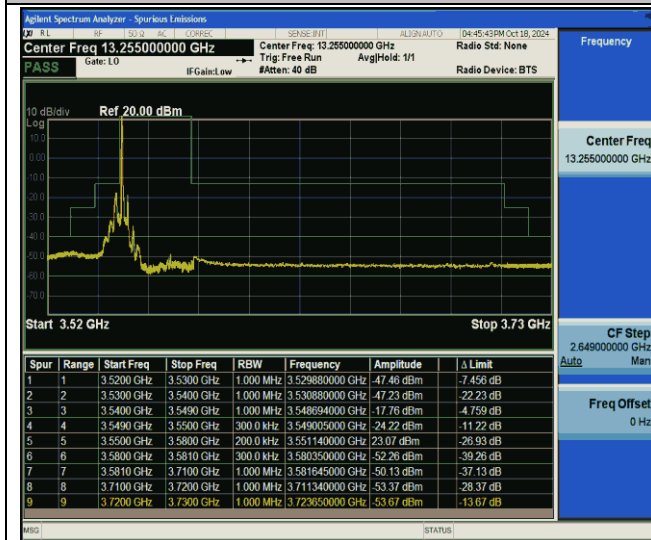
48-48-5MHz-20MHz-QPSK@QPSK-QPSK@QPSK-56523-56640-
1RB#0@0RB#0-0RB#0@0RB#0-PASS

48-48-5MHz-20MHz-QPSK@QPSK-QPSK@QPSK-56523-56640-
1RB#24@0RB#0-0RB#0@0RB#0-PASS



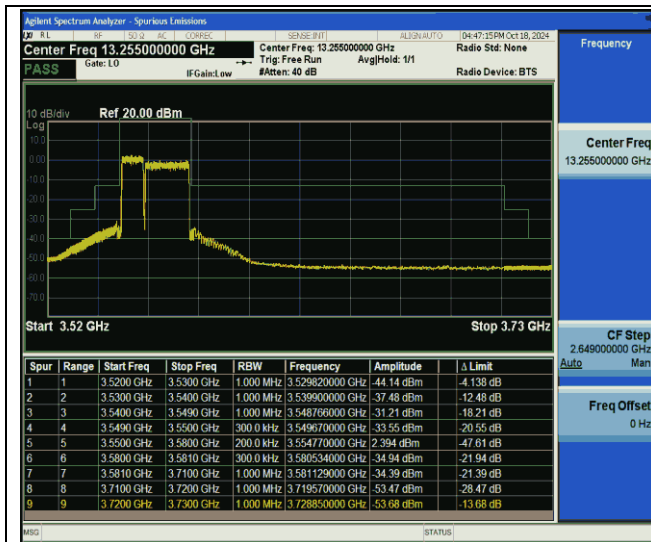
48-48-5MHz-20MHz-QPSK@QPSK-QPSK@QPSK-56523-56640-
25RB#0@0RB#0-100RB#0@0RB#0-PASS

48-48-5MHz-20MHz-QPSK@QPSK-QPSK@QPSK-56523-56640-
1RB#0@0RB#0-1RB#99@0RB#0-PASS

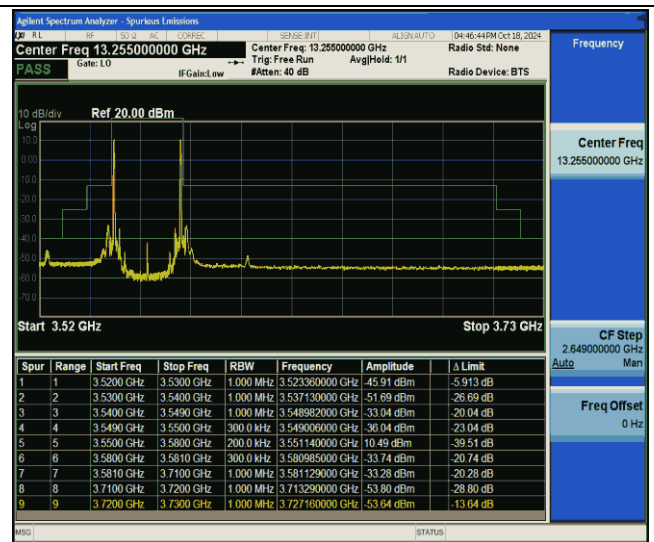


48-48-10MHz-20MHz-QPSK@QPSK-QPSK@QPSK-55295-
55439-1RB#0@0RB#0-0RB#0@0RB#0-PASS

48-48-10MHz-20MHz-QPSK@QPSK-QPSK@QPSK-55295-
55439-1RB#49@0RB#0-0RB#0@0RB#0-PASS



48-48-10MHz-20MHz-QPSK@QPSK-QPSK@QPSK-55295-
55439-50RB#0@ORB#0-100RB#0@ORB#0-PASS



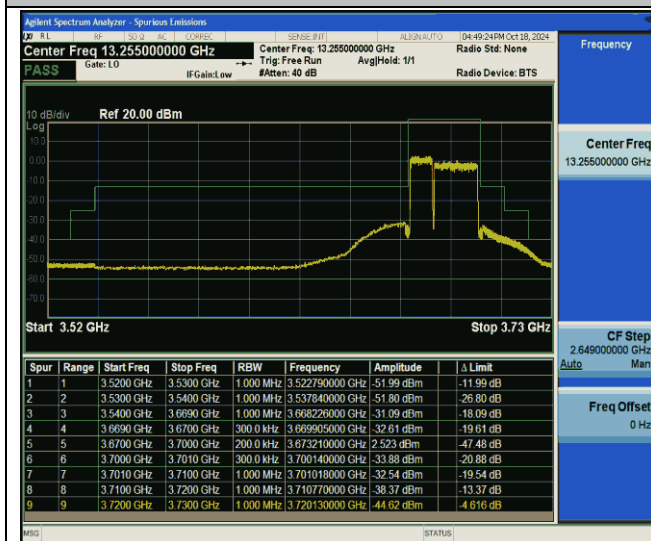
48-48-10MHz-20MHz-QPSK@QPSK-QPSK@QPSK-55295-
55439-1RB#0@ORB#0-1RB#99@ORB#0-PASS



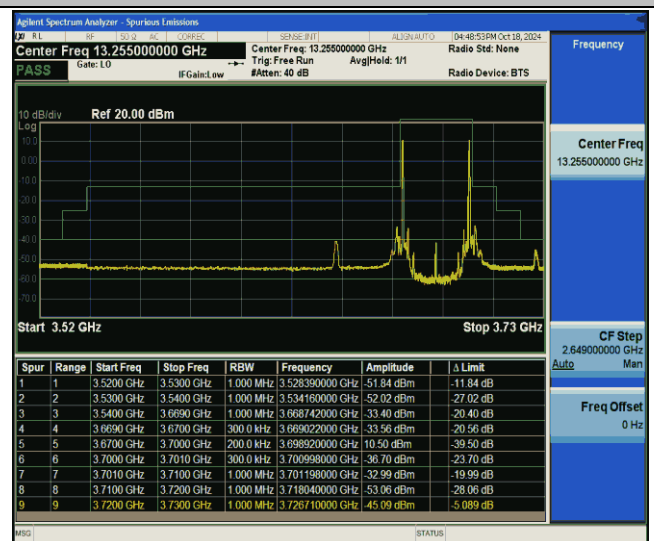
48-48-10MHz-20MHz-QPSK@QPSK-QPSK@QPSK-56496-
56640-1RB#0@ORB#0-0RB#0@ORB#0-PASS



48-48-10MHz-20MHz-QPSK@QPSK-QPSK@QPSK-56496-
56640-1RB#49@ORB#0-0RB#0@ORB#0-PASS



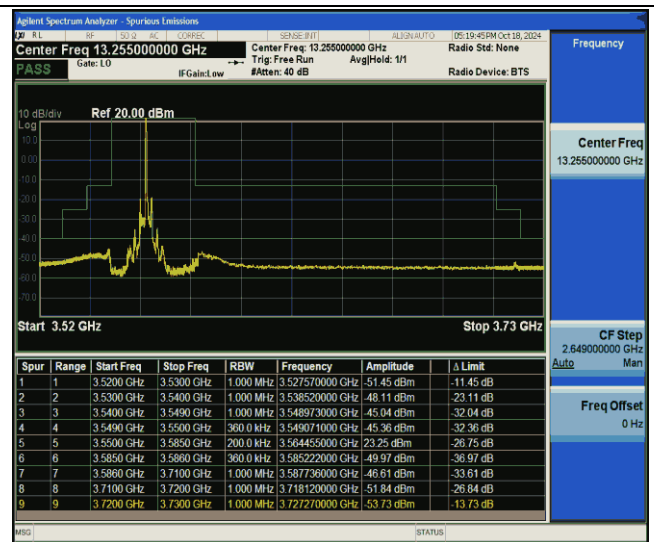
48-48-10MHz-20MHz-QPSK@QPSK-QPSK@QPSK-56496-
56640-50RB#0@ORB#0-100RB#0@ORB#0-PASS



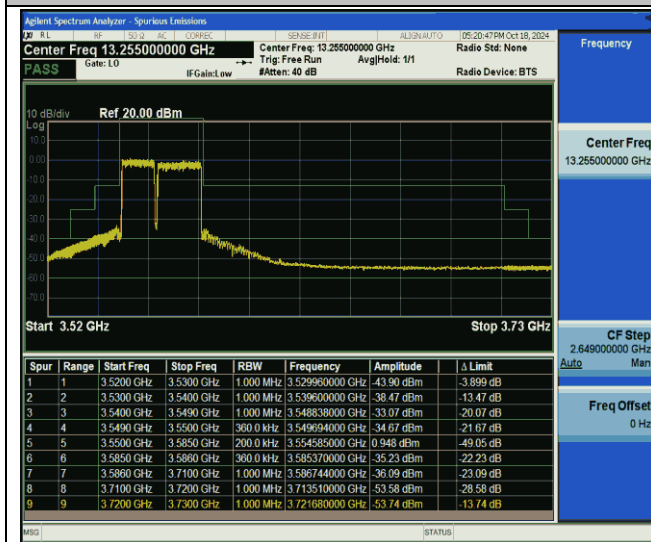
48-48-10MHz-20MHz-QPSK@QPSK-QPSK@QPSK-56496-
56640-1RB#0@ORB#0-1RB#99@ORB#0-PASS



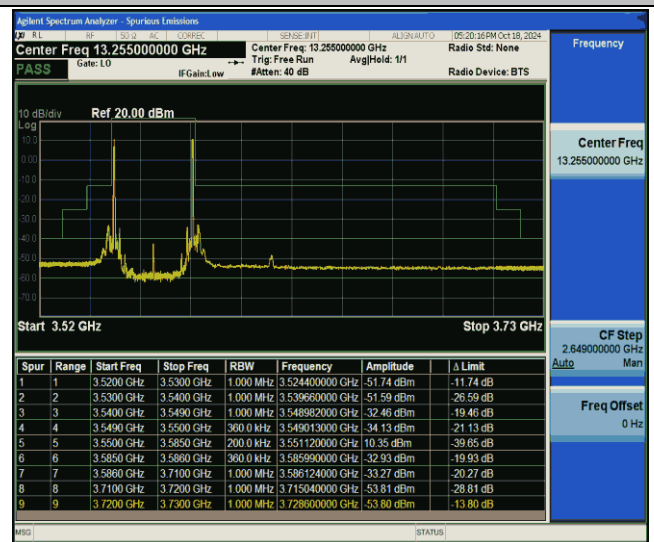
48-48-15MHz-20MHz-QPSK@QPSK-QPSK@QPSK-55318-
55489-1RB#0@0RB#0-0RB#0@0RB#0-PASS



48-48-15MHz-20MHz-QPSK@QPSK-QPSK@QPSK-55318-
55489-1RB#74@0RB#0-0RB#0@0RB#0-PASS



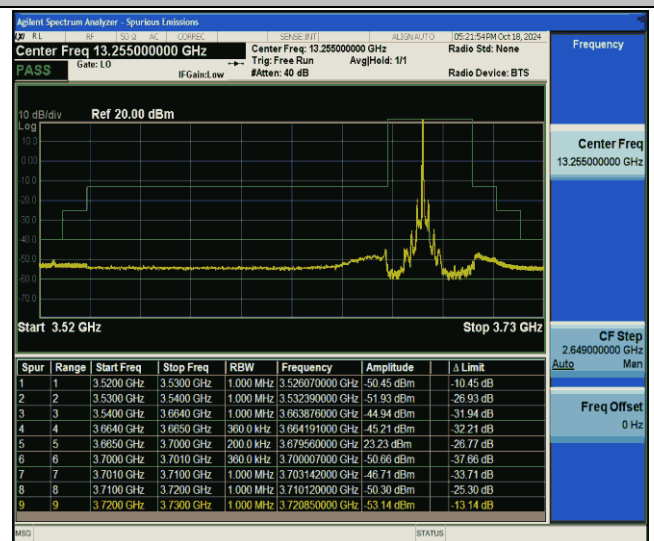
48-48-15MHz-20MHz-QPSK@QPSK-QPSK@QPSK-55318-
55489-75RB#0@0RB#0-100RB#0@0RB#0-PASS



48-48-15MHz-20MHz-QPSK@QPSK-QPSK@QPSK-55318-
55489-1RB#0@0RB#0-1RB#99@0RB#0-PASS



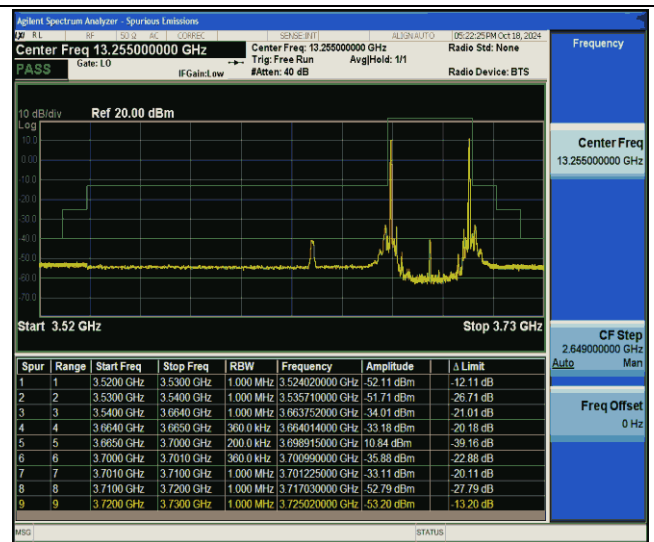
48-48-15MHz-20MHz-QPSK@QPSK-QPSK@QPSK-56469-
56640-1RB#0@0RB#0-0RB#0@0RB#0-PASS



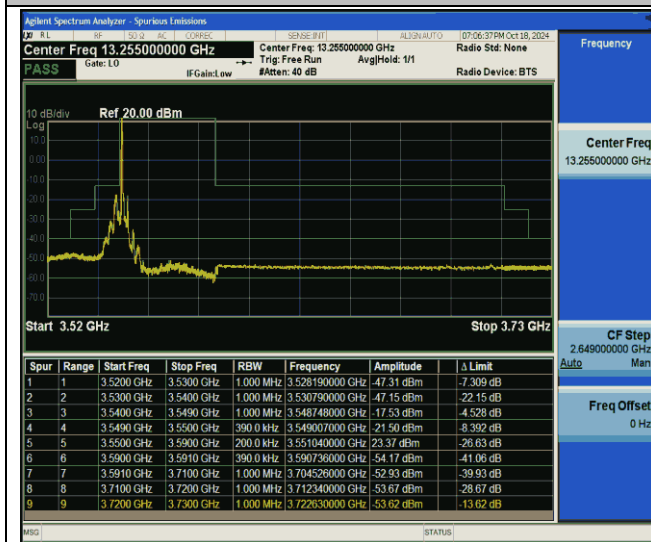
48-48-15MHz-20MHz-QPSK@QPSK-QPSK@QPSK-56469-
56640-1RB#74@0RB#0-0RB#0@0RB#0-PASS



48-48-15MHz-20MHz-QPSK@QPSK-QPSK@QPSK-56469-
56640-75RB#0@ORB#0-100RB#0@ORB#0-PASS



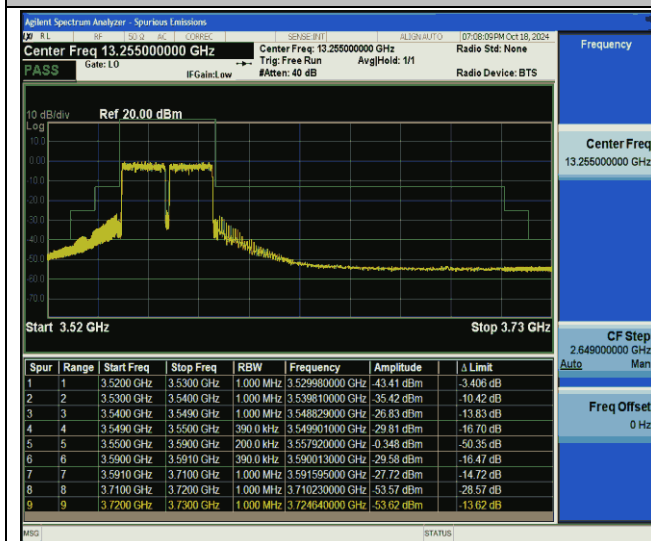
48-48-15MHz-20MHz-QPSK@QPSK-QPSK@QPSK-56469-
56640-1RB#0@ORB#0-1RB#99@ORB#0-PASS



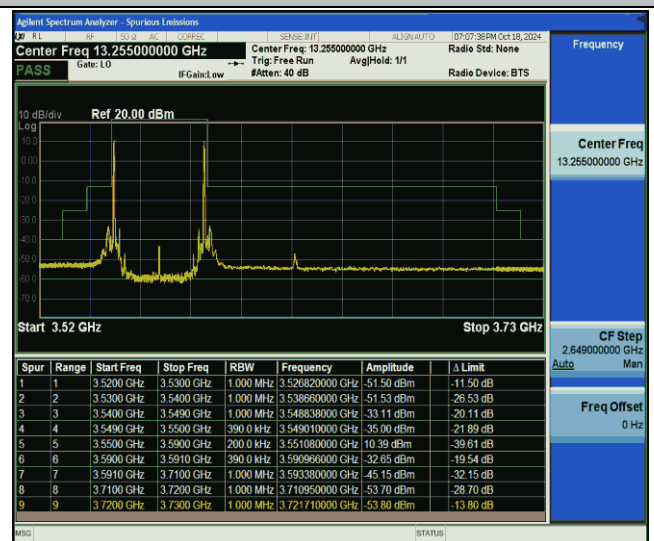
48-48-20MHz-20MHz-QPSK@QPSK-QPSK@QPSK-55340-
55538-1RB#0@ORB#0-0RB#0@ORB#0-PASS



48-48-20MHz-20MHz-QPSK@QPSK-QPSK@QPSK-55340-
55538-1RB#99@ORB#0-0RB#0@ORB#0-PASS



48-48-20MHz-20MHz-QPSK@QPSK-QPSK@QPSK-55340-
55538-100RB#0@ORB#0-100RB#0@ORB#0-PASS



48-48-20MHz-20MHz-QPSK@QPSK-QPSK@QPSK-55340-
55538-1RB#0@ORB#0-1RB#99@ORB#0-PASS



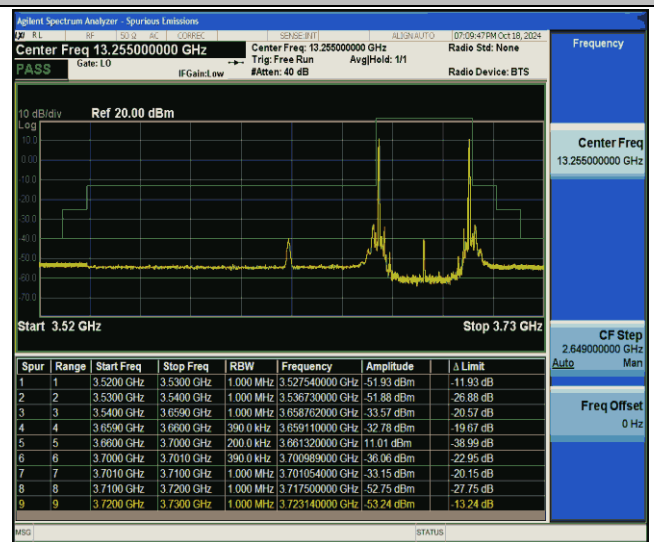
48-48-20MHz-20MHz-QPSK@QPSK-QPSK@QPSK-56442-
56640-1RB#0@0RB#0-0RB#0@0RB#0-PASS



48-48-20MHz-20MHz-QPSK@QPSK-QPSK@QPSK-56442-
56640-1RB#99@0RB#0-0RB#0@0RB#0-PASS



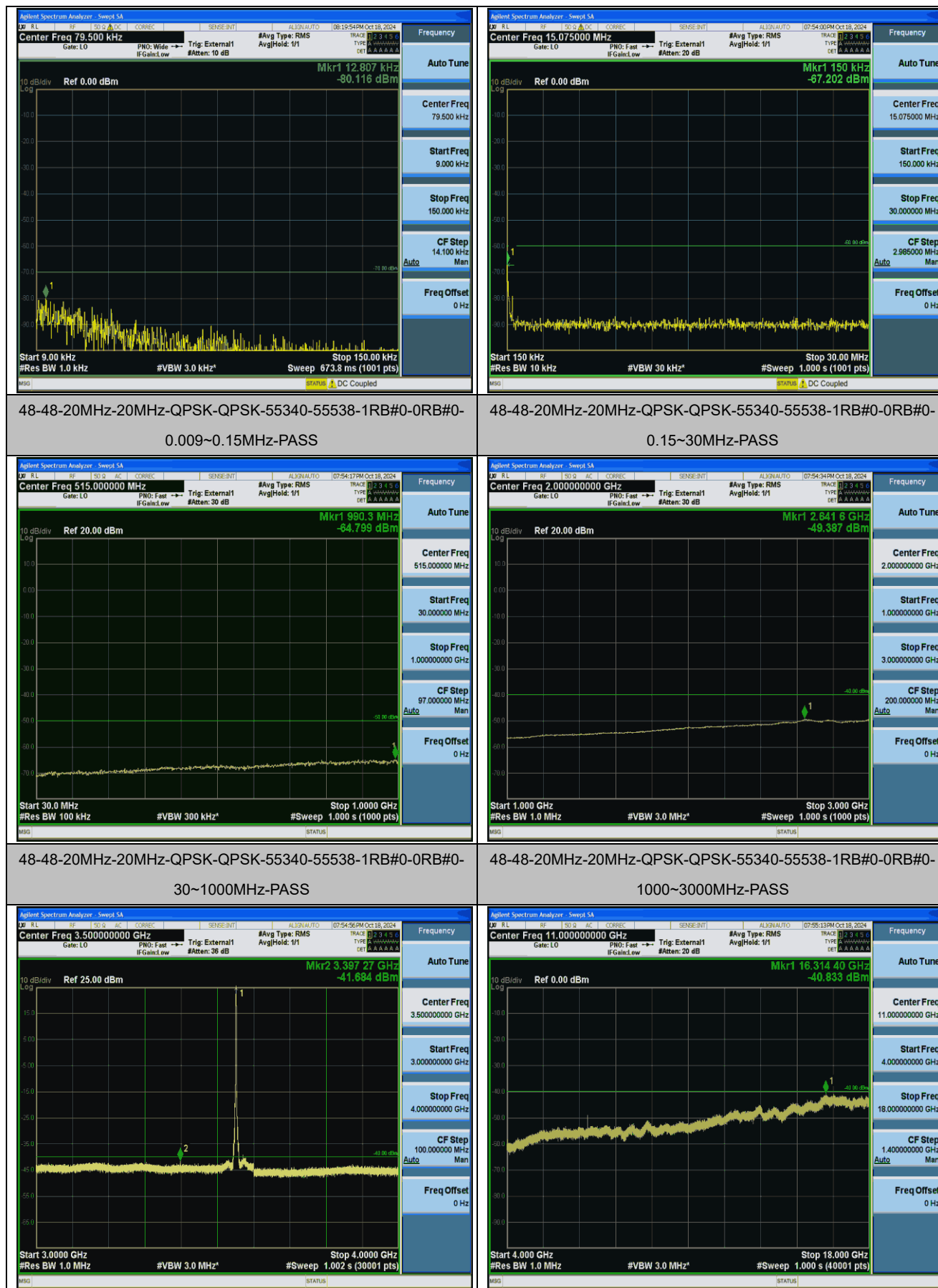
48-48-20MHz-20MHz-QPSK@QPSK-QPSK@QPSK-56442-
56640-100RB#0@0RB#0-100RB#0@0RB#0-PASS

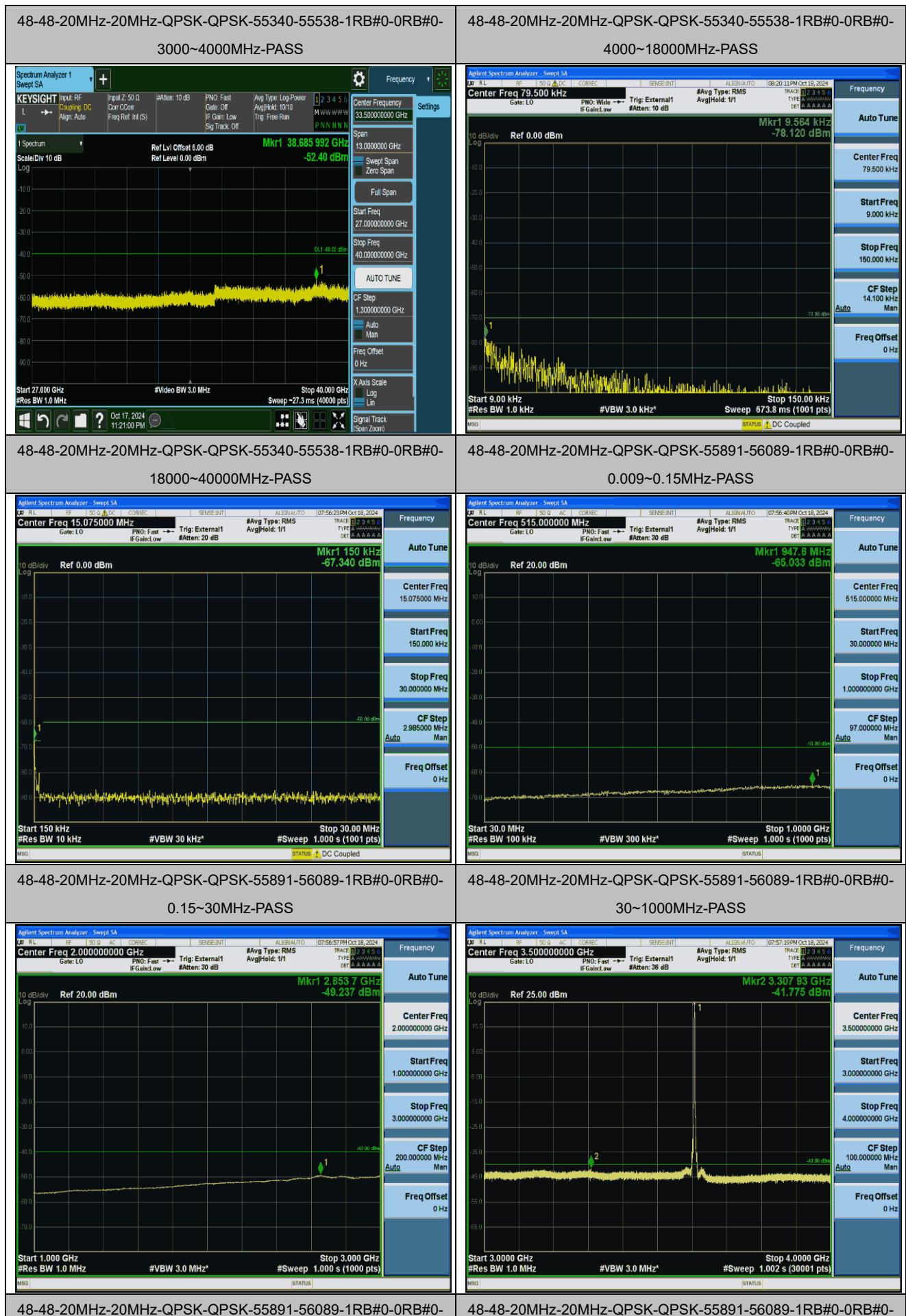


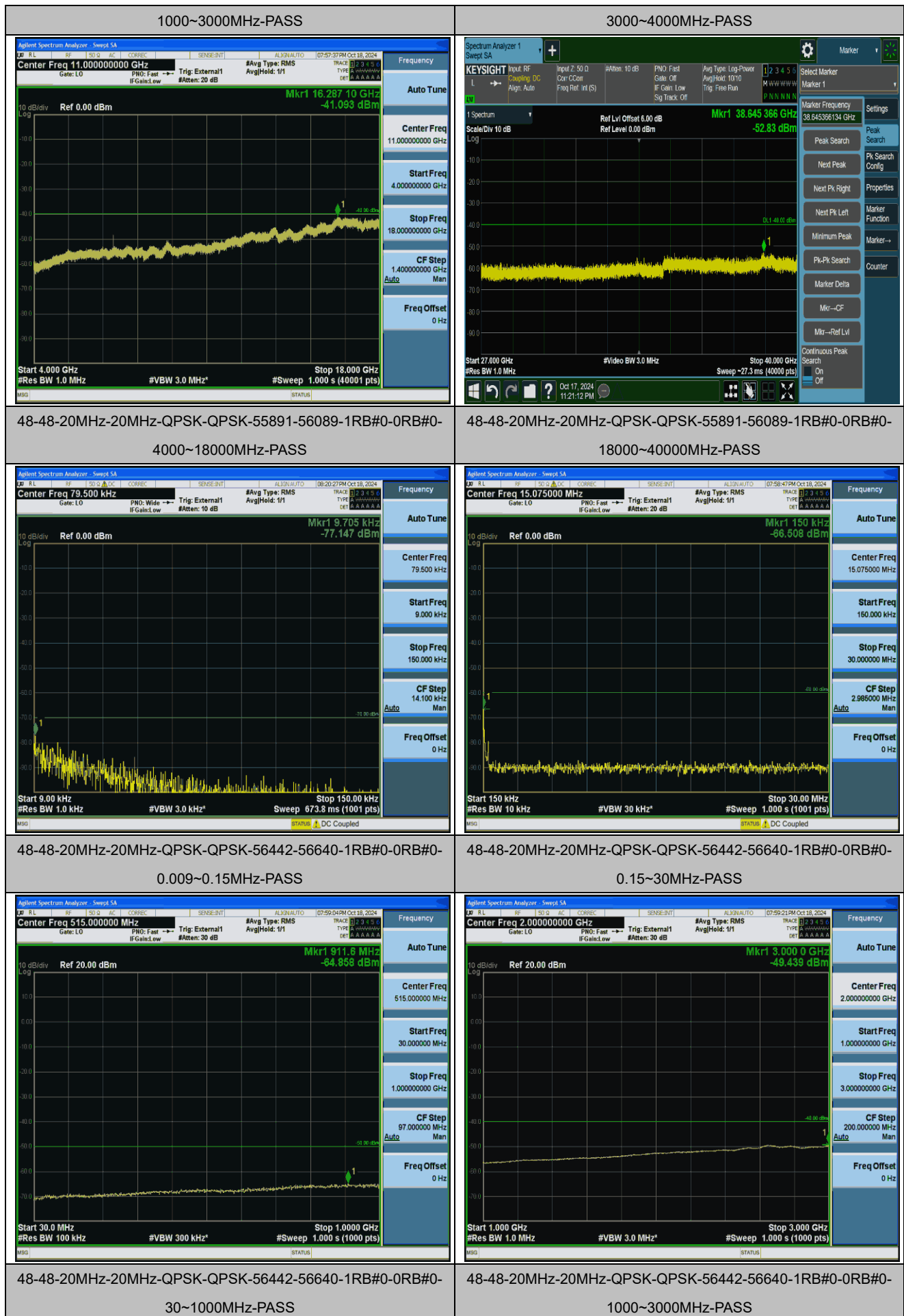
48-48-20MHz-20MHz-QPSK@QPSK-QPSK@QPSK-56442-
56640-1RB#0@0RB#0-1RB#99@0RB#0-PASS

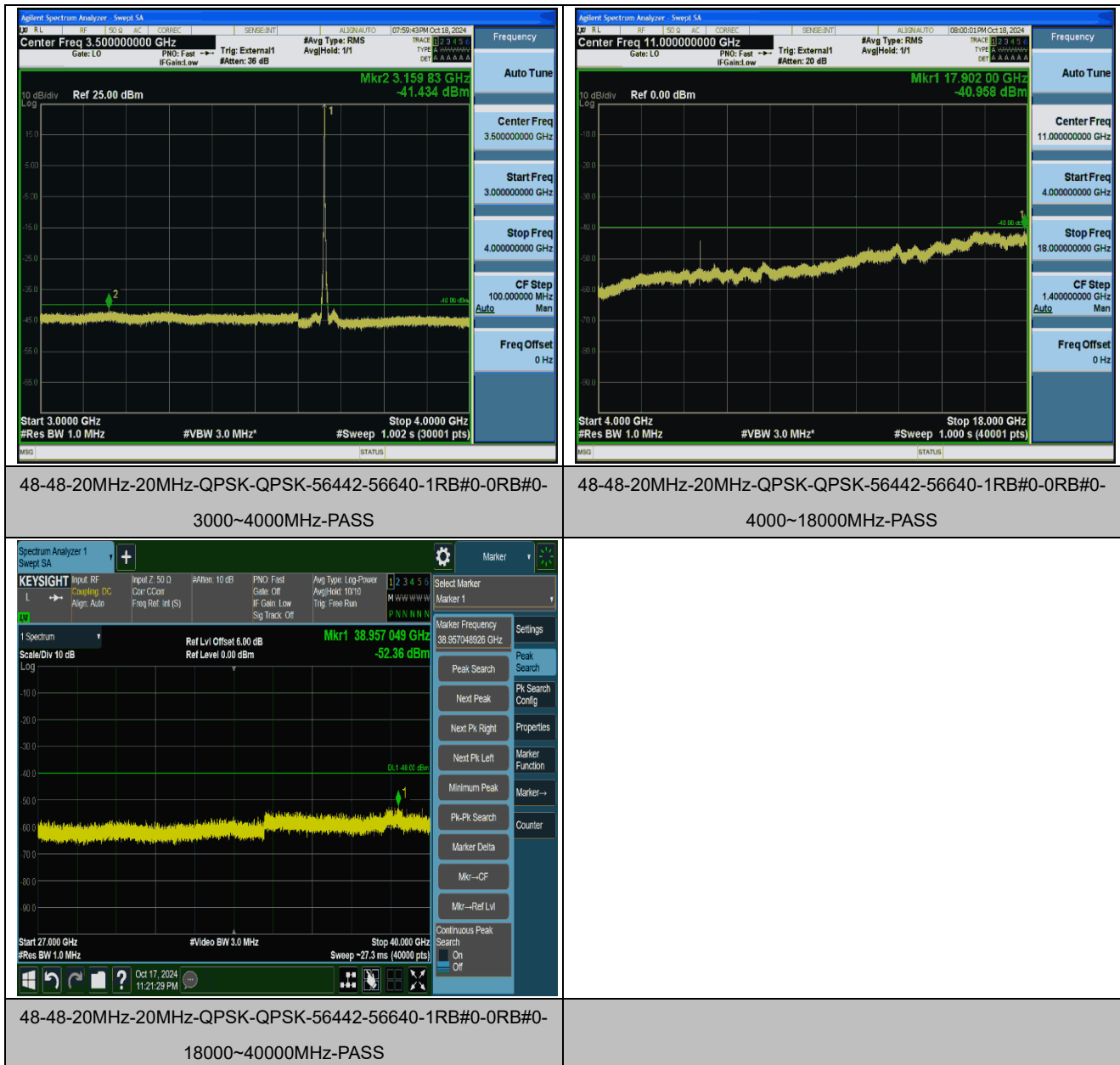
Conducted Spurious Emission

Test Graphs









Frequency Stability

Test Result

Voltage									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
48-48	20MHz-20MHz	QPSK-QPSK	55891-56089	100RB#0-100RB#0	VN	NT	0.10	0.000120	PASS
48-48	20MHz-20MHz	QPSK-QPSK	55891-56089	100RB#0-100RB#0	VL	NT	0.40	0.000481	PASS
48-48	20MHz-20MHz	QPSK-QPSK	55891-56089	100RB#0-100RB#0	VH	NT	0.60	0.000722	PASS

Temperature									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
48-48	20MHz-20MHz	QPSK-QPSK	55891-56089	100RB#0-100RB#0	NV	-30	-0.20	-0.000241	PASS
48-48	20MHz-20MHz	QPSK-QPSK	55891-56089	100RB#0-100RB#0	NV	-20	1.30	0.001563	PASS
48-48	20MHz-20MHz	QPSK-QPSK	55891-56089	100RB#0-100RB#0	NV	-10	0.30	0.000361	PASS
48-48	20MHz-20MHz	QPSK-QPSK	55891-56089	100RB#0-100RB#0	NV	0	0.20	0.000241	PASS
48-48	20MHz-20MHz	QPSK-QPSK	55891-56089	100RB#0-100RB#0	NV	10	0.70	0.000842	PASS
48-48	20MHz-20MHz	QPSK-QPSK	55891-56089	100RB#0-100RB#0	NV	20	-1.10	-0.001323	PASS
48-48	20MHz-20MHz	QPSK-QPSK	55891-56089	100RB#0-100RB#0	NV	30	-1.50	-0.001804	PASS
48-48	20MHz-20MHz	QPSK-QPSK	55891-56089	100RB#0-100RB#0	NV	40	0.50	0.000601	PASS
48-48	20MHz-20MHz	QPSK-QPSK	55891-56089	100RB#0-100RB#0	NV	50	0.20	0.000241	PASS

~The End~