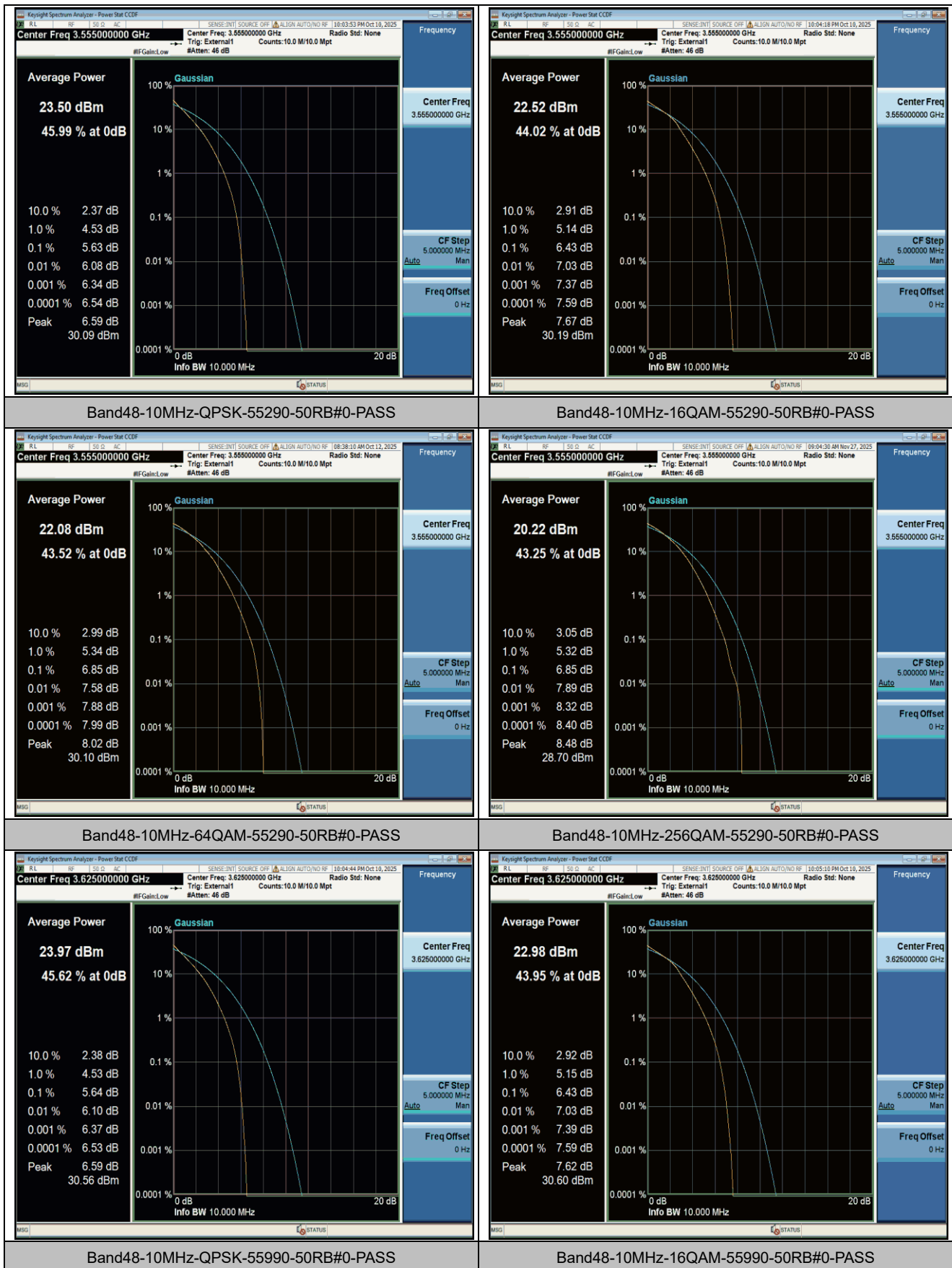
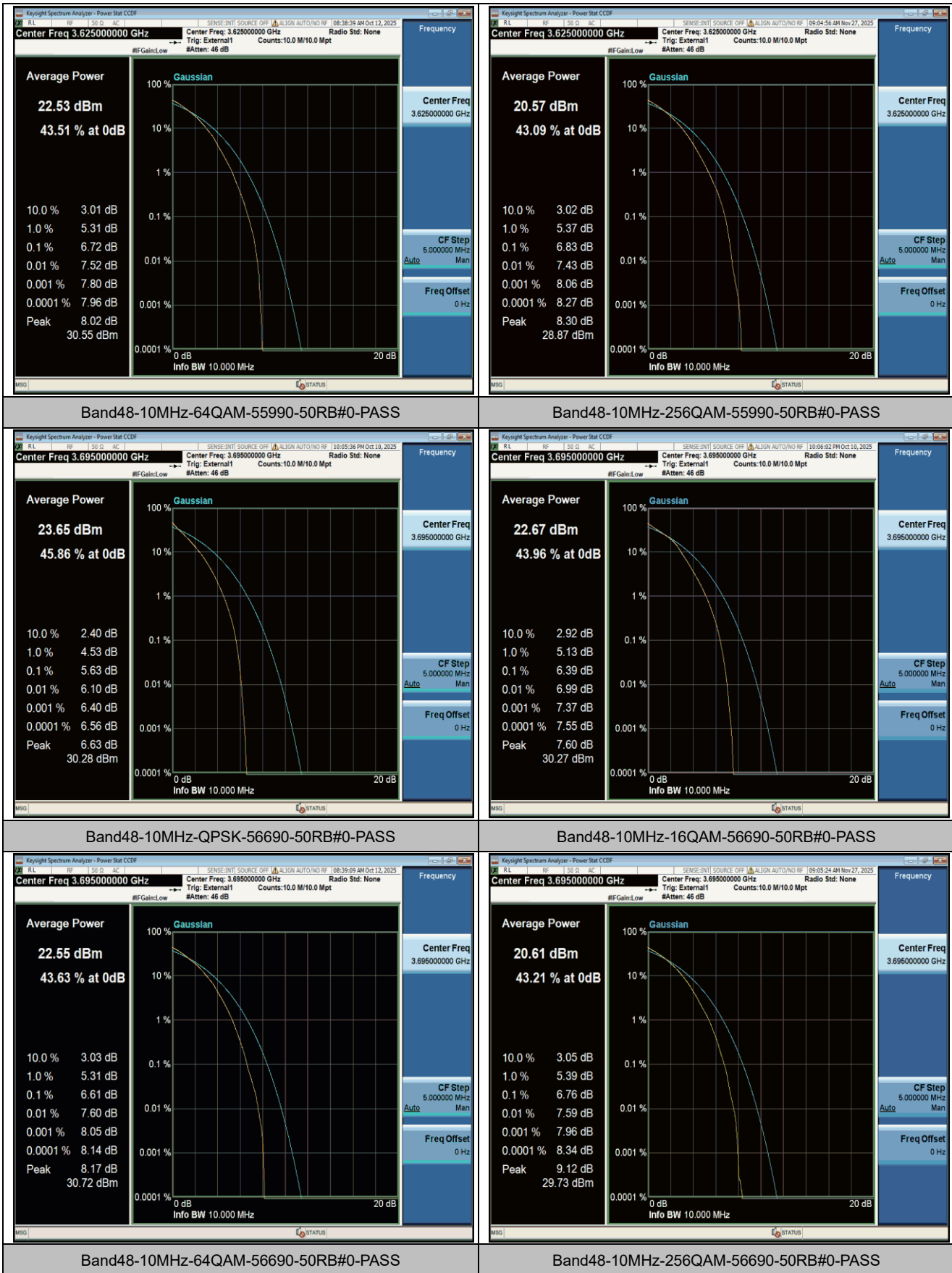
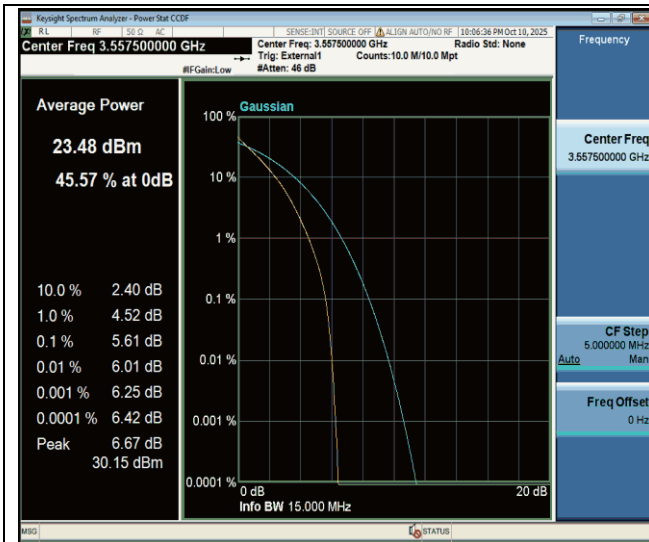
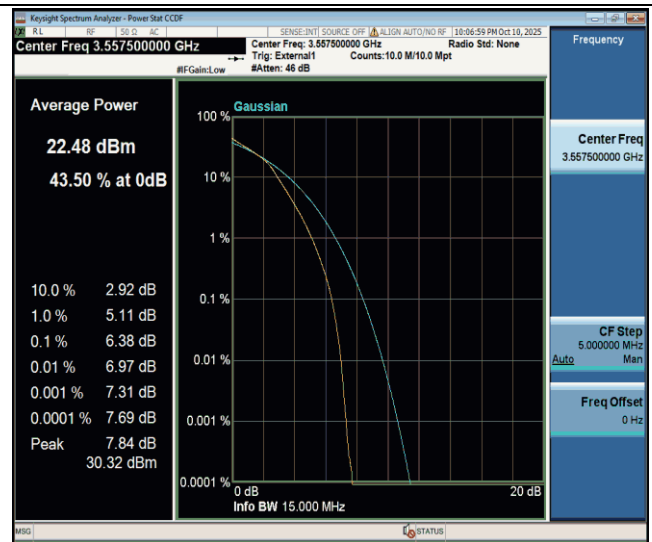




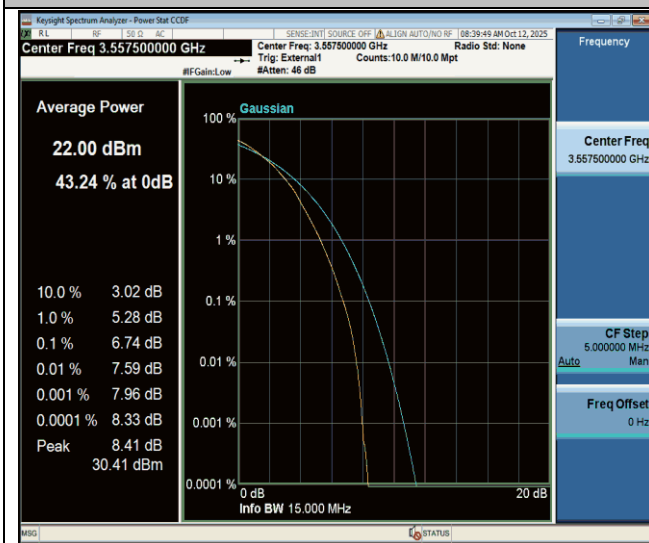




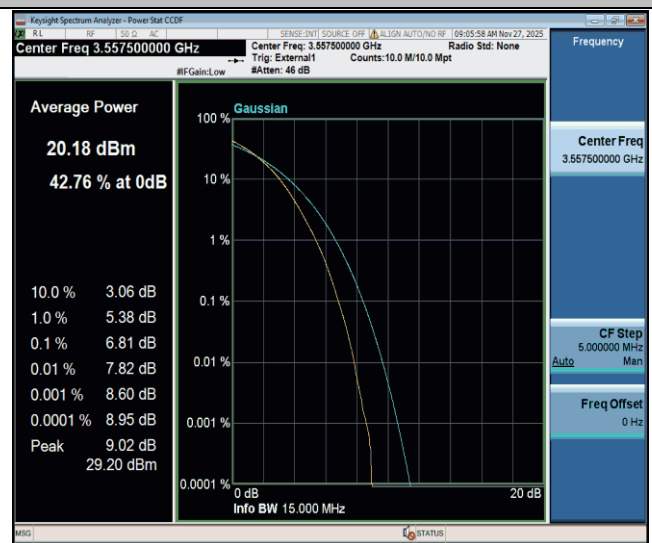
Band48-15MHz-QPSK-55315-75RB#0-PASS



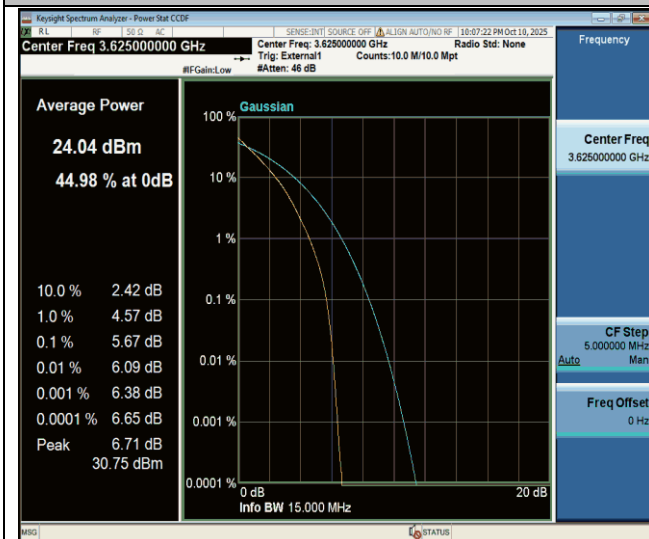
Band48-15MHz-16QAM-55315-75RB#0-PASS



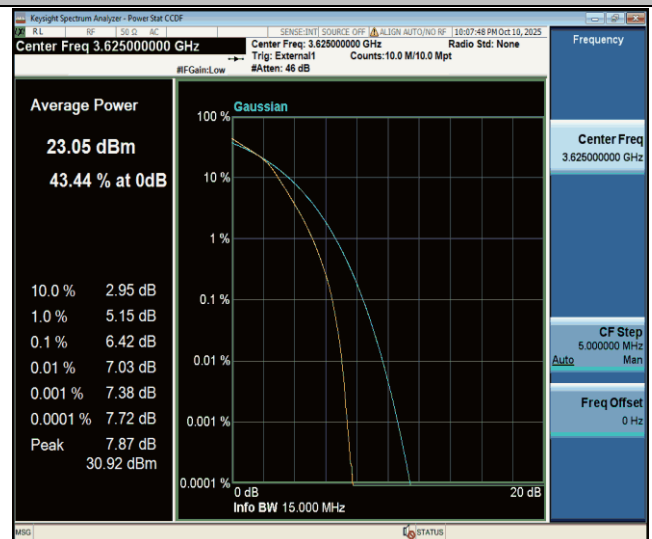
Band48-15MHz-64QAM-55315-75RB#0-PASS



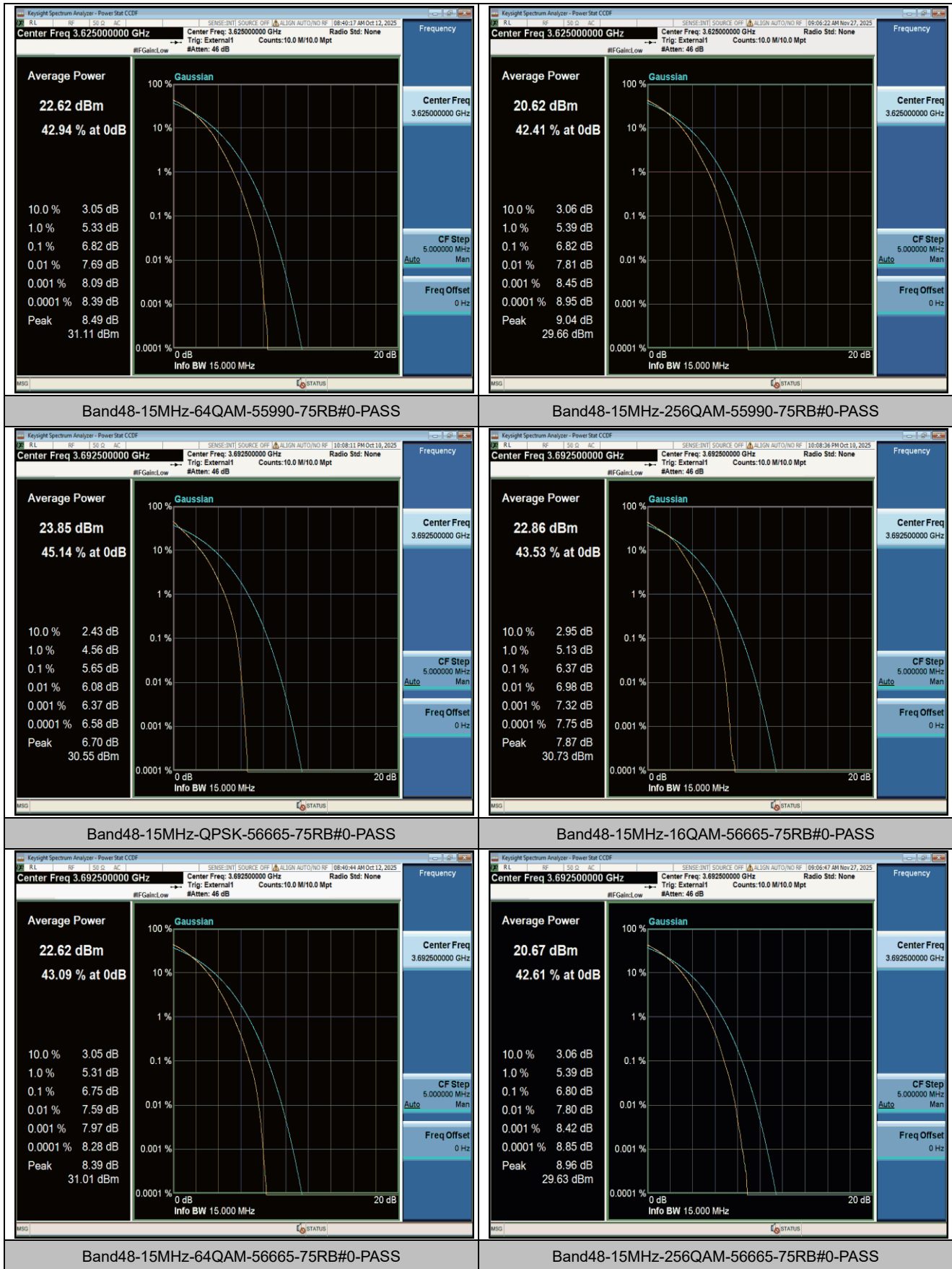
Band48-15MHz-256QAM-55315-75RB#0-PASS

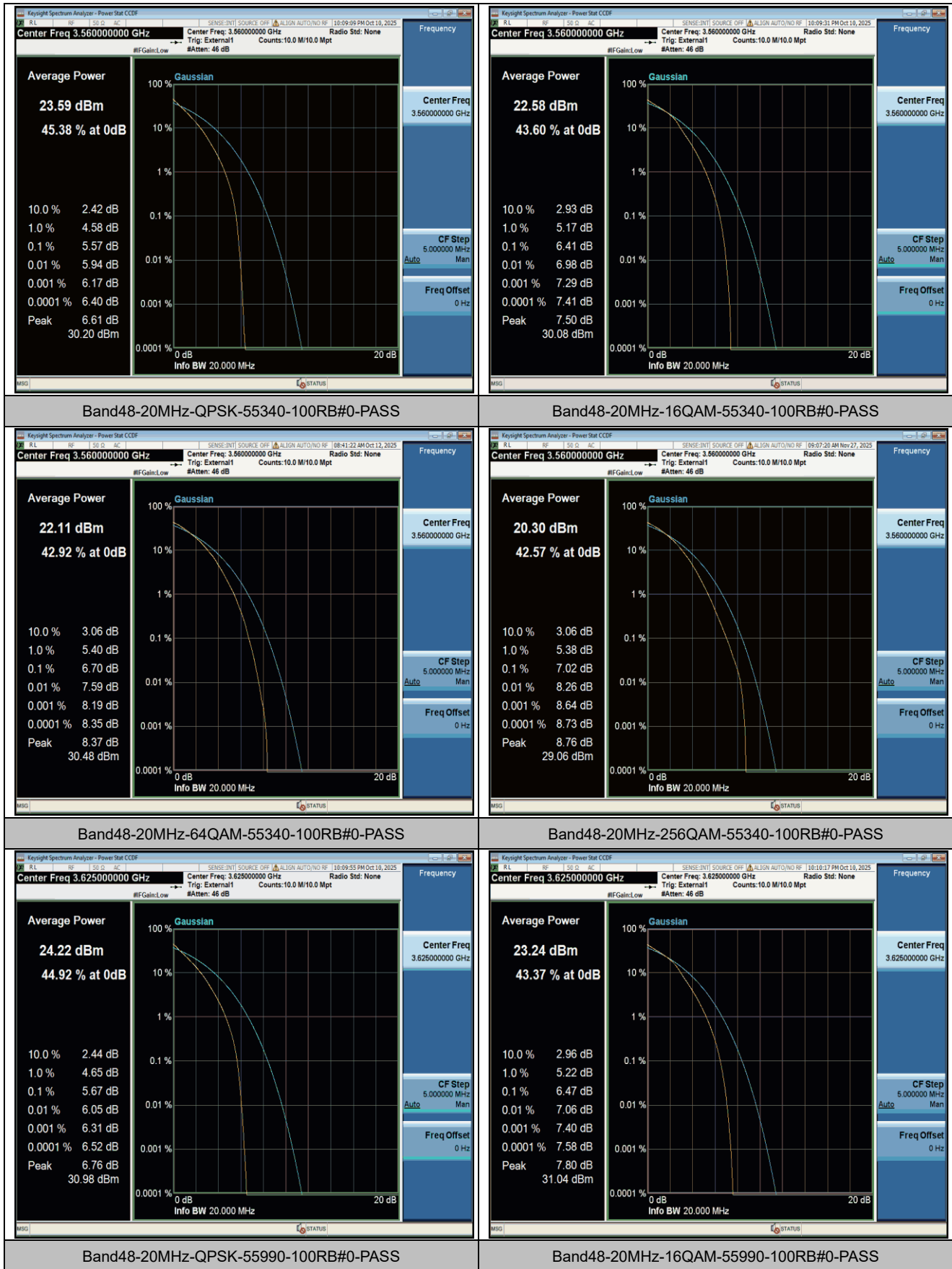


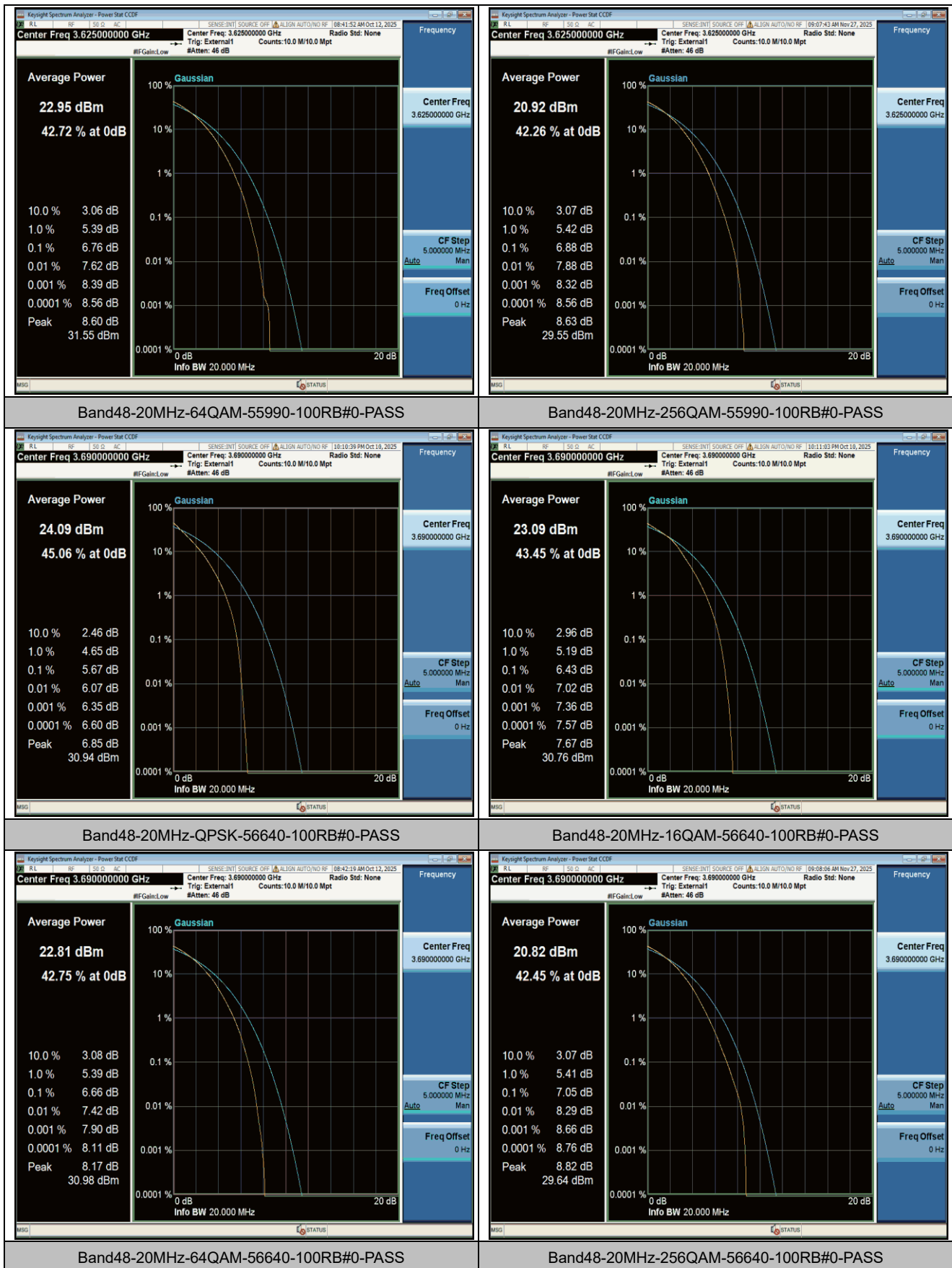
Band48-15MHz-QPSK-55990-75RB#0-PASS



Band48-15MHz-16QAM-55990-75RB#0-PASS







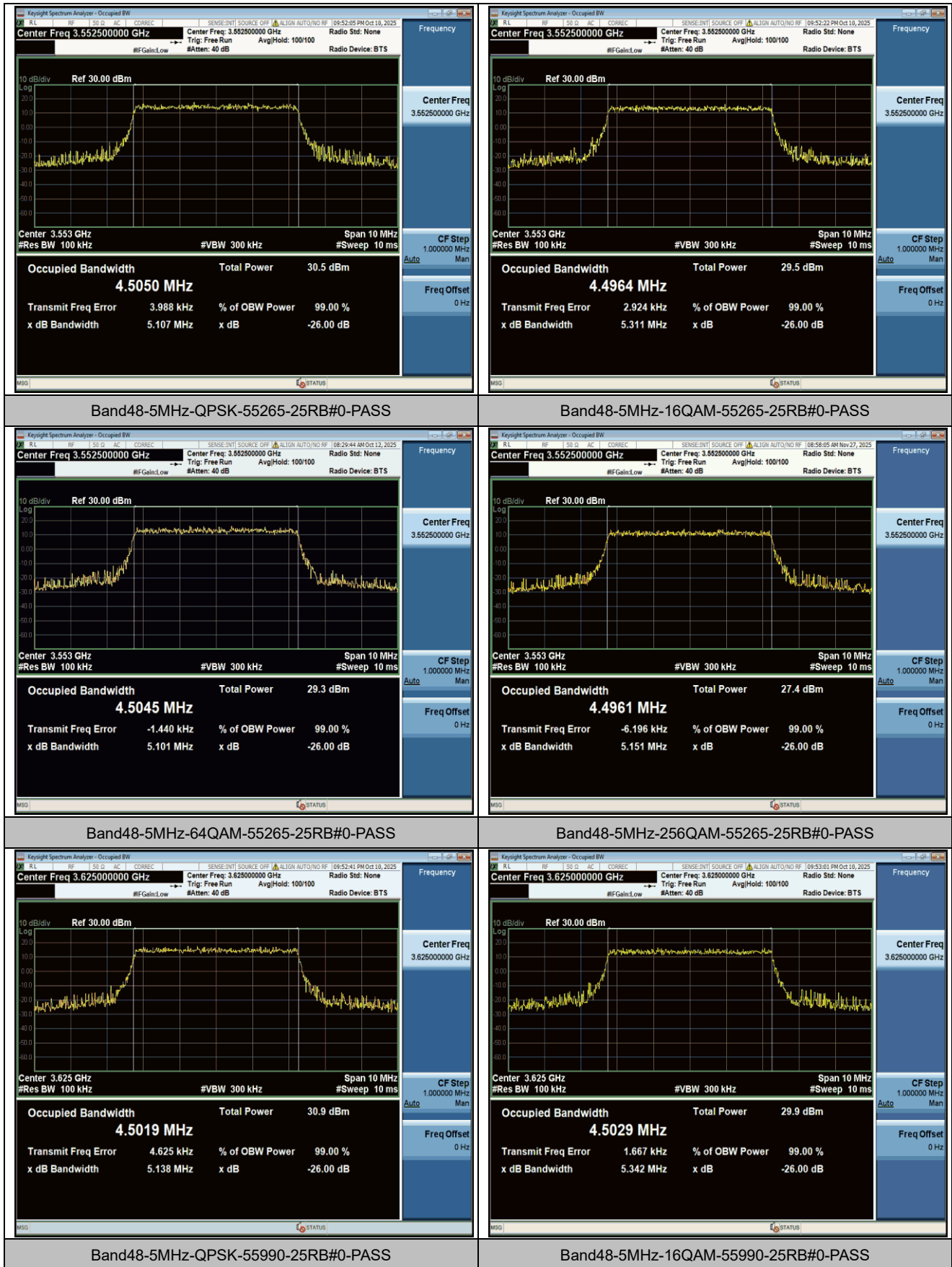
26dB Bandwidth and Occupied Bandwidth

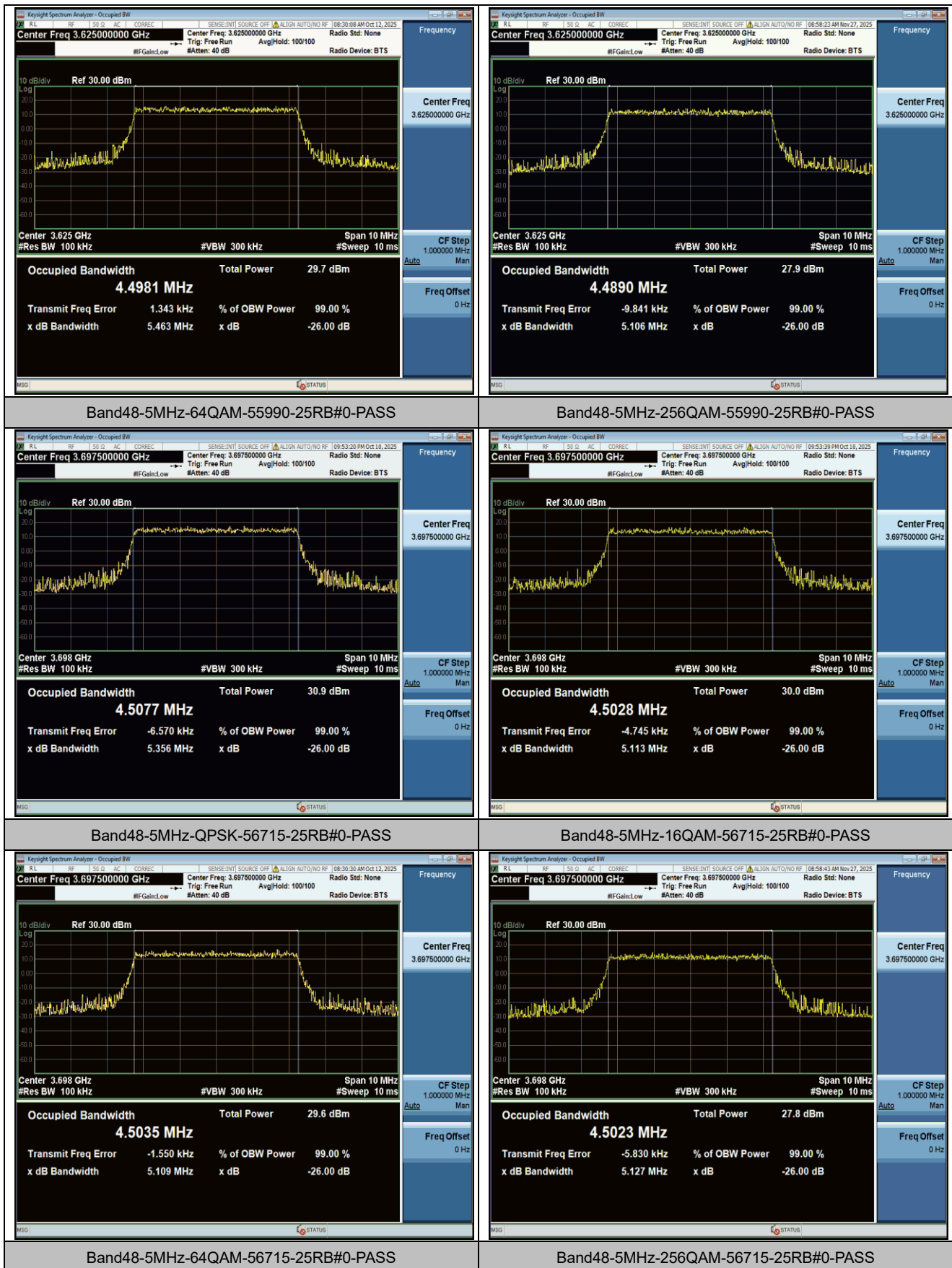
Test Result

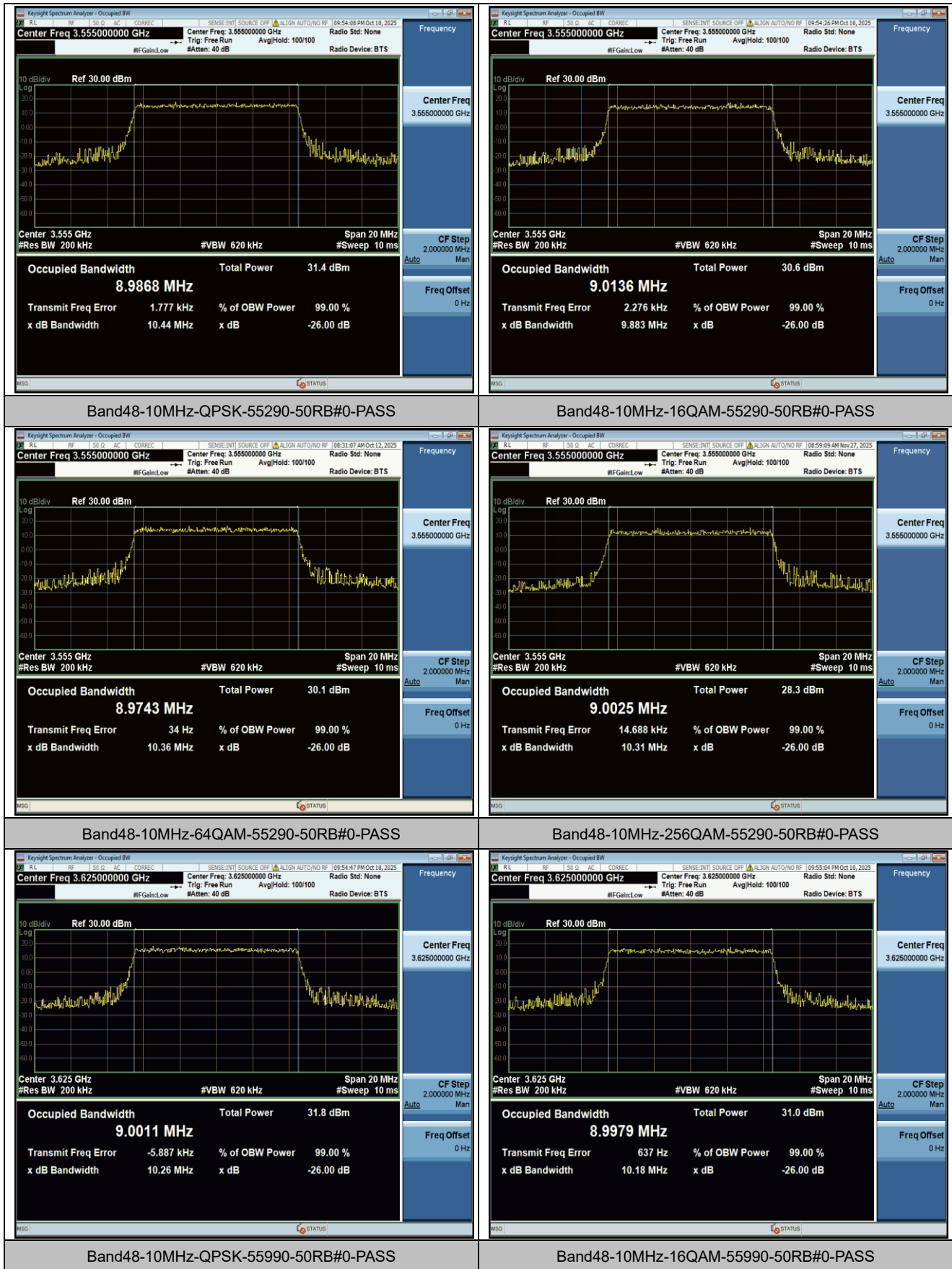
Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band48	5MHz	QPSK	55265	25RB#0	4.5050	5.107	PASS
Band48	5MHz	16QAM	55265	25RB#0	4.4964	5.311	PASS
Band48	5MHz	64QAM	55265	25RB#0	4.5045	5.101	PASS
Band48	5MHz	256QAM	55265	25RB#0	4.4961	5.151	PASS
Band48	5MHz	QPSK	55990	25RB#0	4.5019	5.138	PASS
Band48	5MHz	16QAM	55990	25RB#0	4.5029	5.342	PASS
Band48	5MHz	64QAM	55990	25RB#0	4.4981	5.463	PASS
Band48	5MHz	256QAM	55990	25RB#0	4.4890	5.106	PASS
Band48	5MHz	QPSK	56715	25RB#0	4.5077	5.356	PASS
Band48	5MHz	16QAM	56715	25RB#0	4.5028	5.113	PASS
Band48	5MHz	64QAM	56715	25RB#0	4.5035	5.109	PASS
Band48	5MHz	256QAM	56715	25RB#0	4.5023	5.127	PASS
Band48	10MHz	QPSK	55290	50RB#0	8.9868	10.44	PASS
Band48	10MHz	16QAM	55290	50RB#0	9.0136	9.883	PASS
Band48	10MHz	64QAM	55290	50RB#0	8.9743	10.36	PASS
Band48	10MHz	256QAM	55290	50RB#0	9.0025	10.31	PASS
Band48	10MHz	QPSK	55990	50RB#0	9.0011	10.26	PASS
Band48	10MHz	16QAM	55990	50RB#0	8.9979	10.18	PASS
Band48	10MHz	64QAM	55990	50RB#0	8.9756	10.88	PASS
Band48	10MHz	256QAM	55990	50RB#0	9.0216	11.09	PASS
Band48	10MHz	QPSK	56690	50RB#0	9.0100	10.32	PASS
Band48	10MHz	16QAM	56690	50RB#0	8.9752	10.05	PASS
Band48	10MHz	64QAM	56690	50RB#0	8.9797	10.51	PASS
Band48	10MHz	256QAM	56690	50RB#0	8.9832	10.03	PASS
Band48	15MHz	QPSK	55315	75RB#0	13.481	14.80	PASS
Band48	15MHz	16QAM	55315	75RB#0	13.457	15.53	PASS
Band48	15MHz	64QAM	55315	75RB#0	13.468	15.44	PASS
Band48	15MHz	256QAM	55315	75RB#0	13.482	15.23	PASS
Band48	15MHz	QPSK	55990	75RB#0	13.447	15.18	PASS
Band48	15MHz	16QAM	55990	75RB#0	13.484	15.10	PASS
Band48	15MHz	64QAM	55990	75RB#0	13.486	15.48	PASS
Band48	15MHz	256QAM	55990	75RB#0	13.493	15.00	PASS
Band48	15MHz	QPSK	56665	75RB#0	13.457	15.17	PASS
Band48	15MHz	16QAM	56665	75RB#0	13.463	14.87	PASS
Band48	15MHz	64QAM	56665	75RB#0	13.475	15.13	PASS
Band48	15MHz	256QAM	56665	75RB#0	13.436	14.82	PASS
Band48	20MHz	QPSK	55340	100RB#0	17.949	20.76	PASS
Band48	20MHz	16QAM	55340	100RB#0	17.918	19.93	PASS

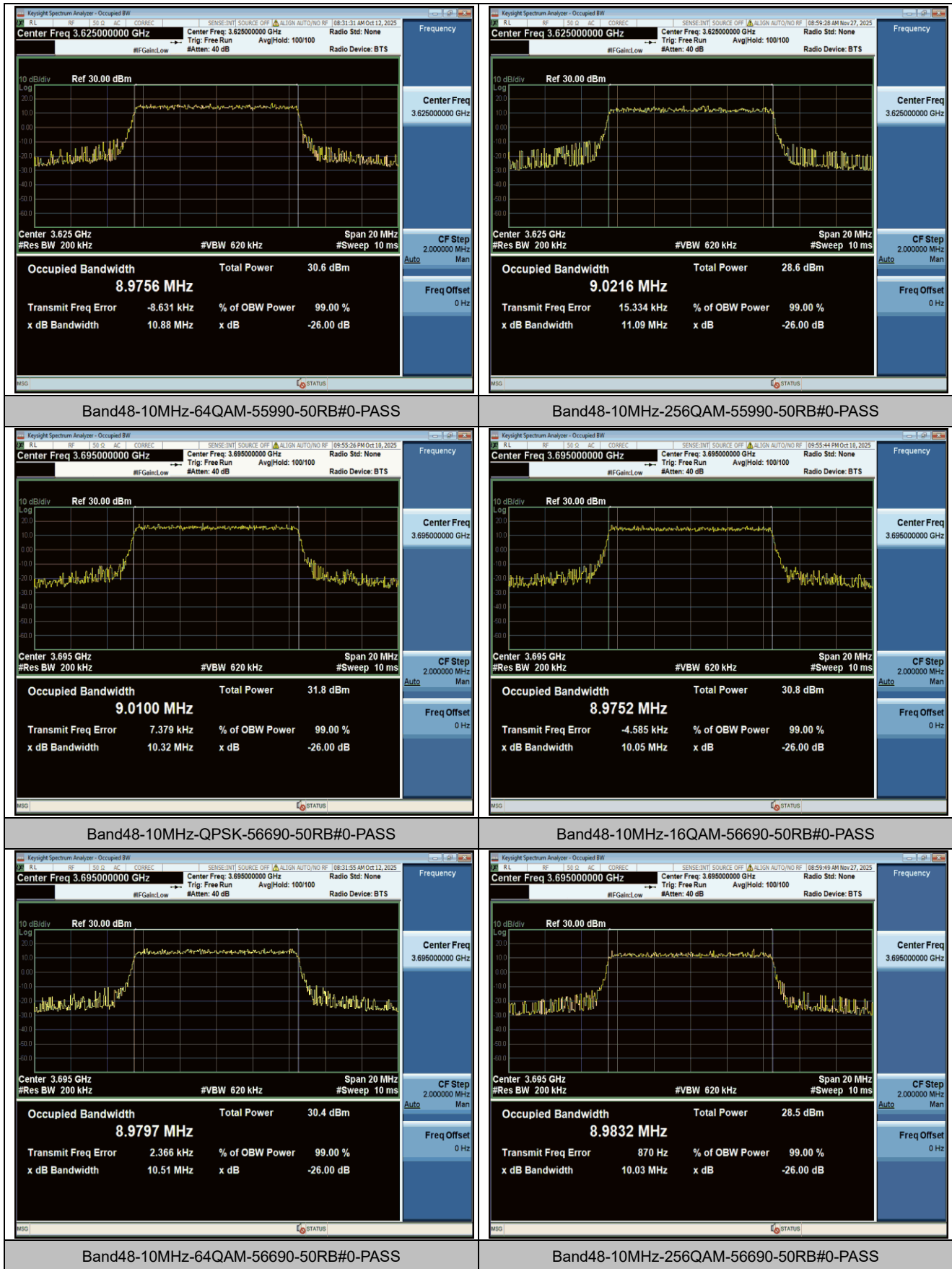
Band48	20MHz	64QAM	55340	100RB#0	17.942	19.59	PASS
Band48	20MHz	256QAM	55340	100RB#0	17.944	21.35	PASS
Band48	20MHz	QPSK	55990	100RB#0	17.960	19.64	PASS
Band48	20MHz	16QAM	55990	100RB#0	17.947	20.83	PASS
Band48	20MHz	64QAM	55990	100RB#0	17.941	19.83	PASS
Band48	20MHz	256QAM	55990	100RB#0	17.975	19.49	PASS
Band48	20MHz	QPSK	56640	100RB#0	17.962	20.35	PASS
Band48	20MHz	16QAM	56640	100RB#0	17.943	20.13	PASS
Band48	20MHz	64QAM	56640	100RB#0	17.964	19.58	PASS
Band48	20MHz	256QAM	56640	100RB#0	17.958	21.37	PASS

Test Graphs



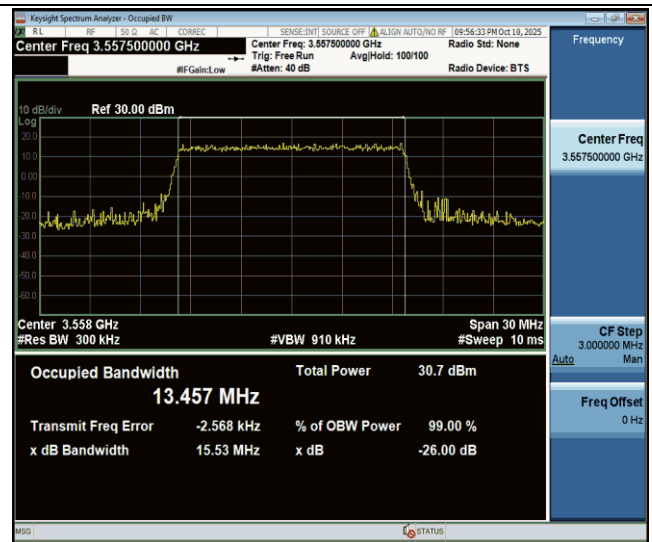








Band48-15MHz-QPSK-55315-75RB#0-PASS



Band48-15MHz-16QAM-55315-75RB#0-PASS



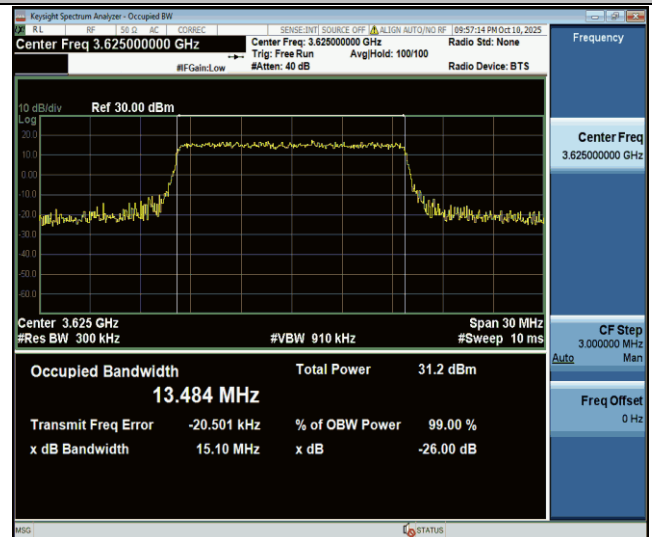
Band48-15MHz-64QAM-55315-75RB#0-PASS



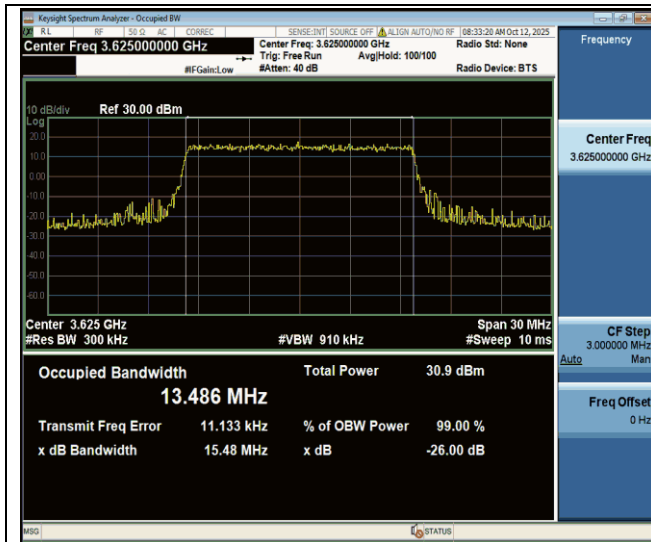
Band48-15MHz-256QAM-55315-75RB#0-PASS



Band48-15MHz-QPSK-55990-75RB#0-PASS



Band48-15MHz-16QAM-55990-75RB#0-PASS



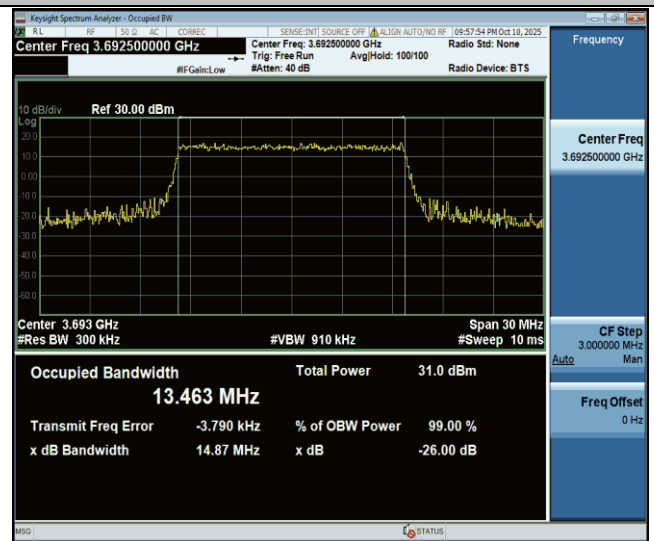
Band48-15MHz-64QAM-55990-75RB#0-PASS



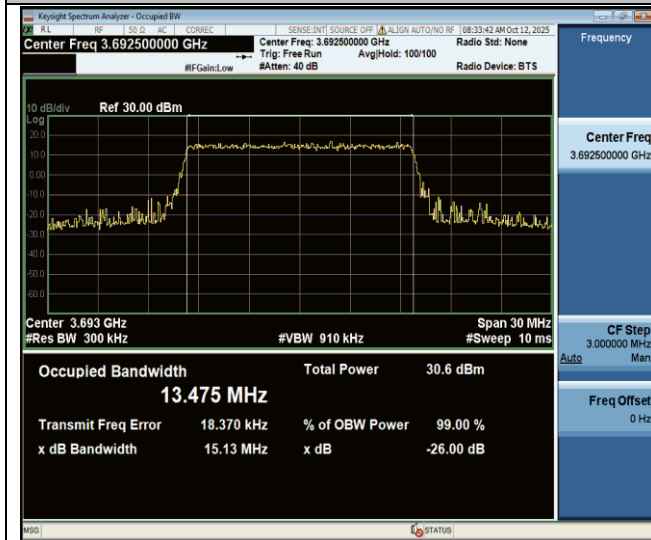
Band48-15MHz-256QAM-55990-75RB#0-PASS



Band48-15MHz-QPSK-56665-75RB#0-PASS



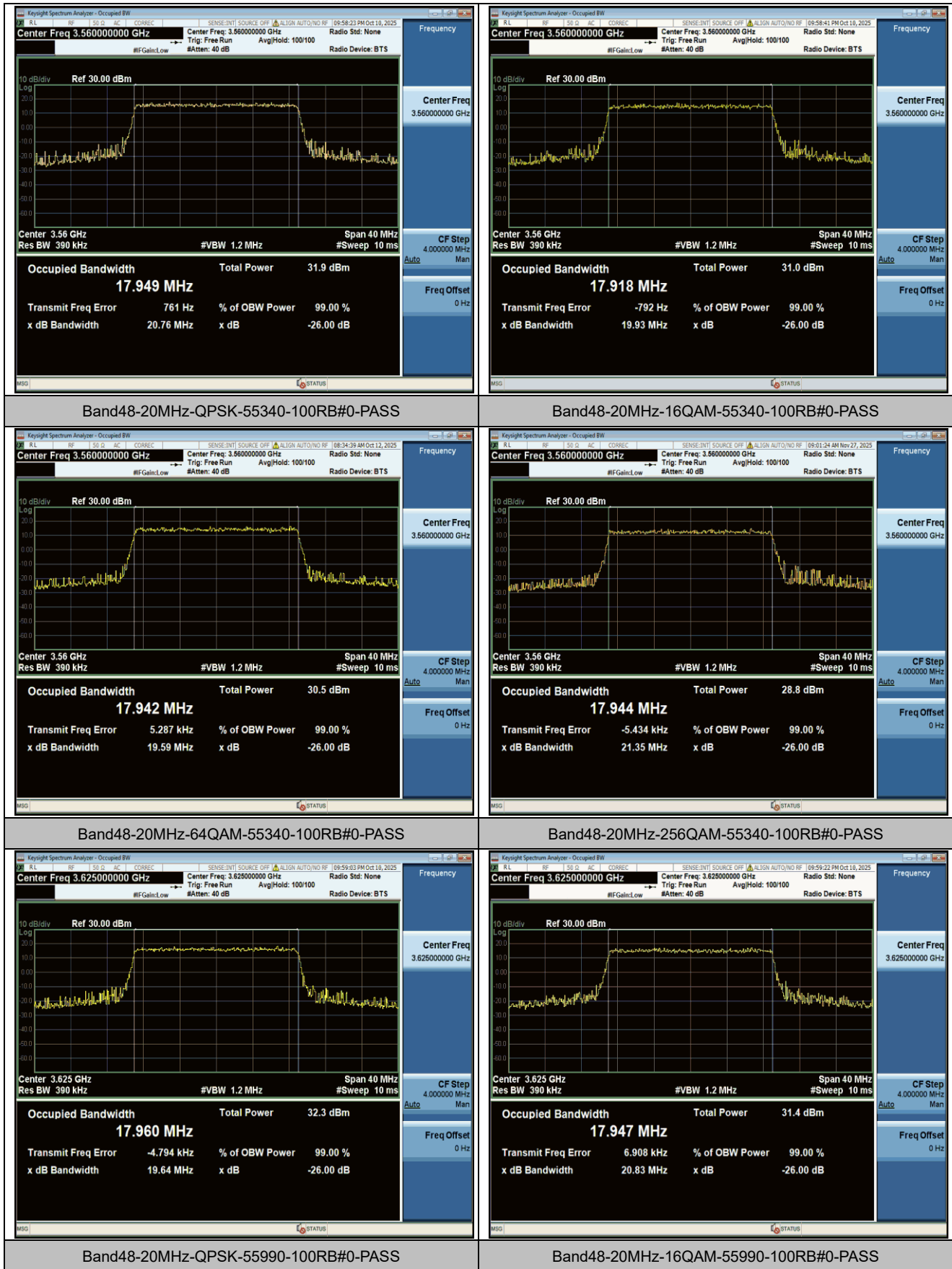
Band48-15MHz-16QAM-56665-75RB#0-PASS



Band48-15MHz-64QAM-56665-75RB#0-PASS

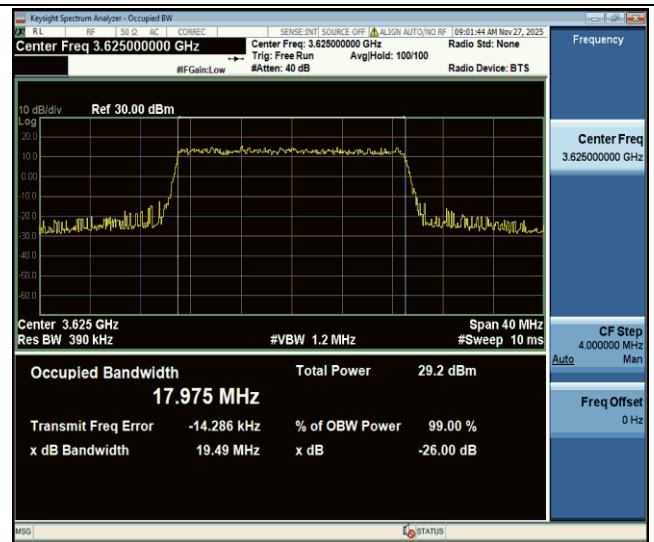


Band48-15MHz-256QAM-56665-75RB#0-PASS

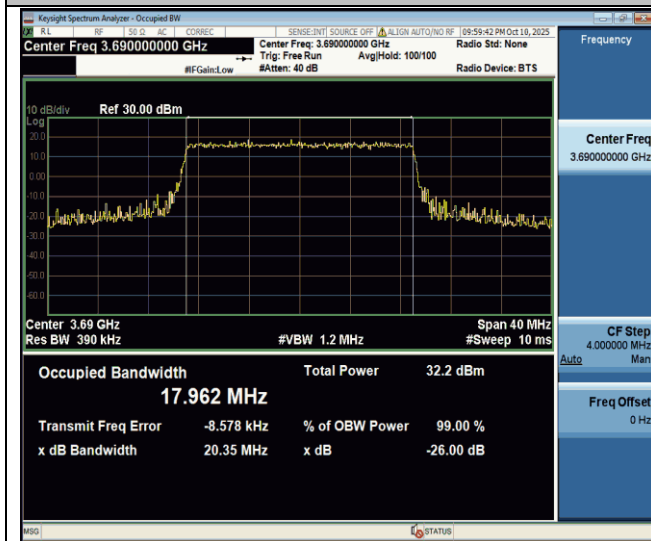




Band48-20MHz-64QAM-55990-100RB#0-PASS



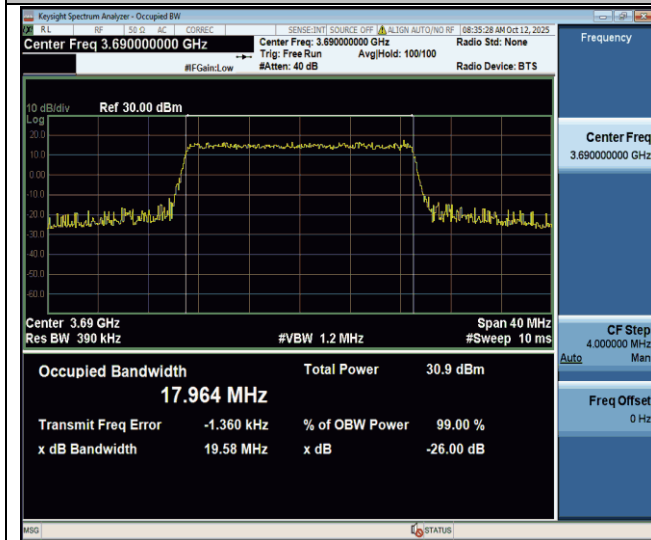
Band48-20MHz-256QAM-55990-100RB#0-PASS



Band48-20MHz-QPSK-56640-100RB#0-PASS



Band48-20MHz-16QAM-56640-100RB#0-PASS



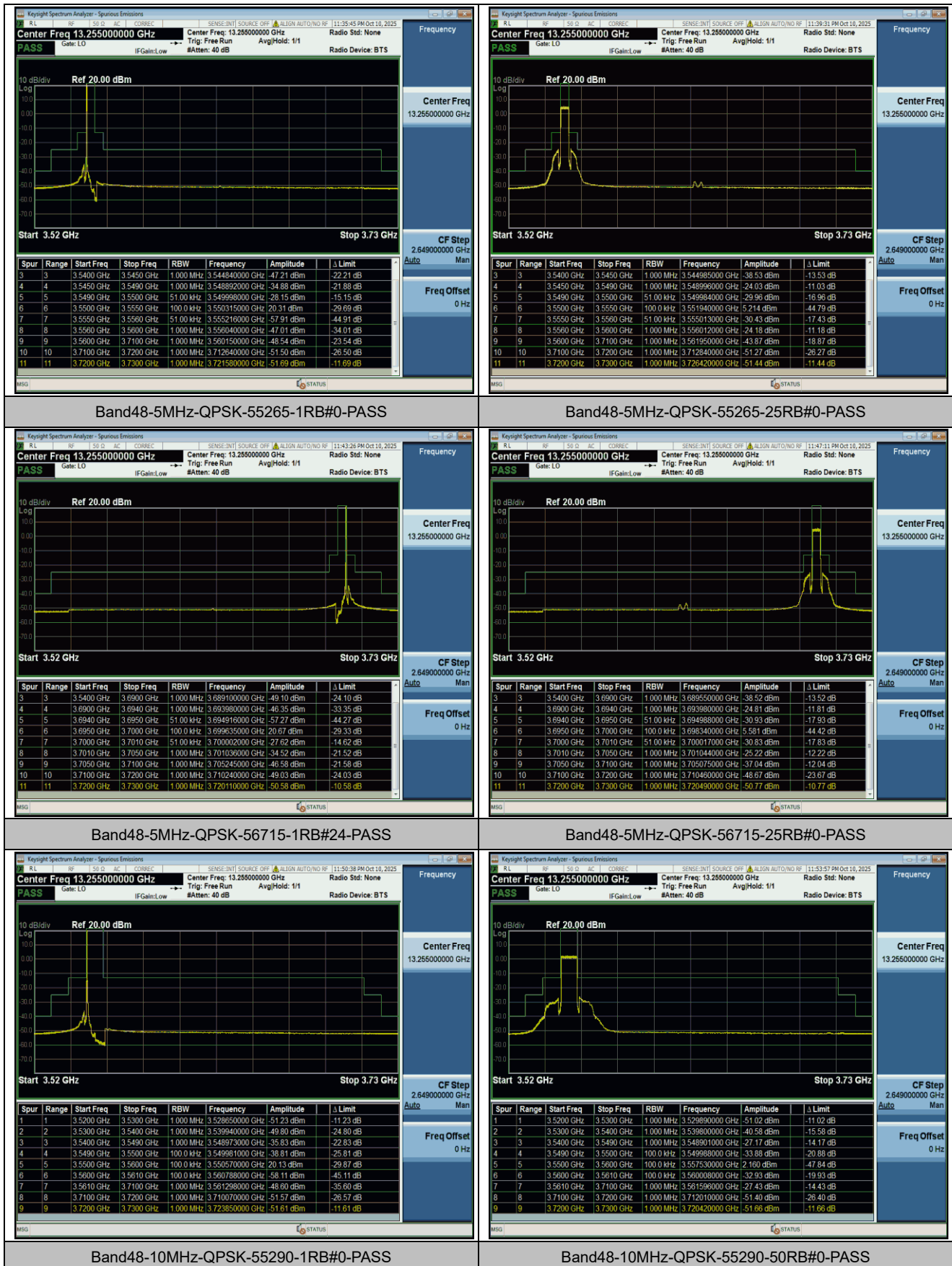
Band48-20MHz-64QAM-56640-100RB#0-PASS

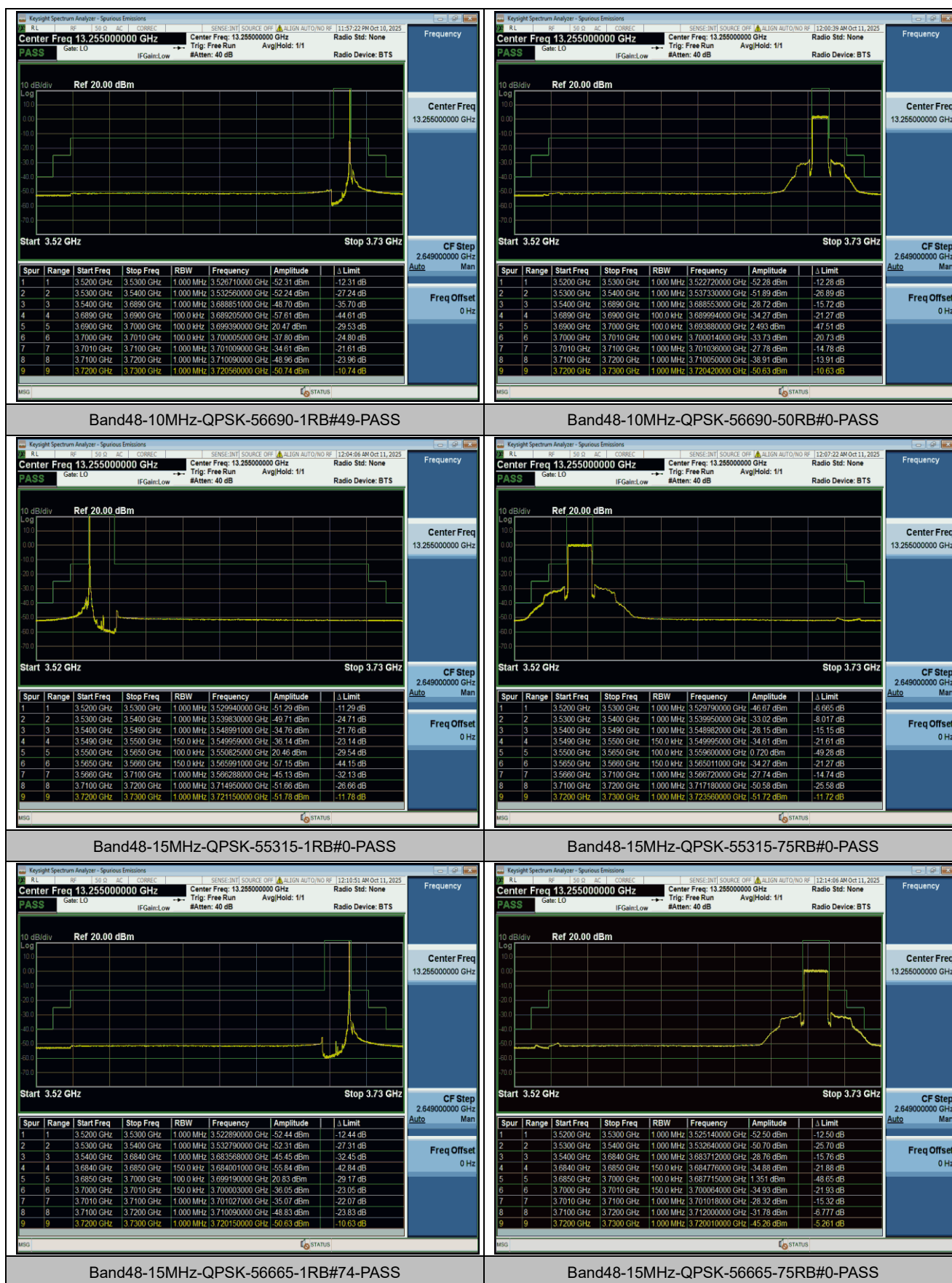


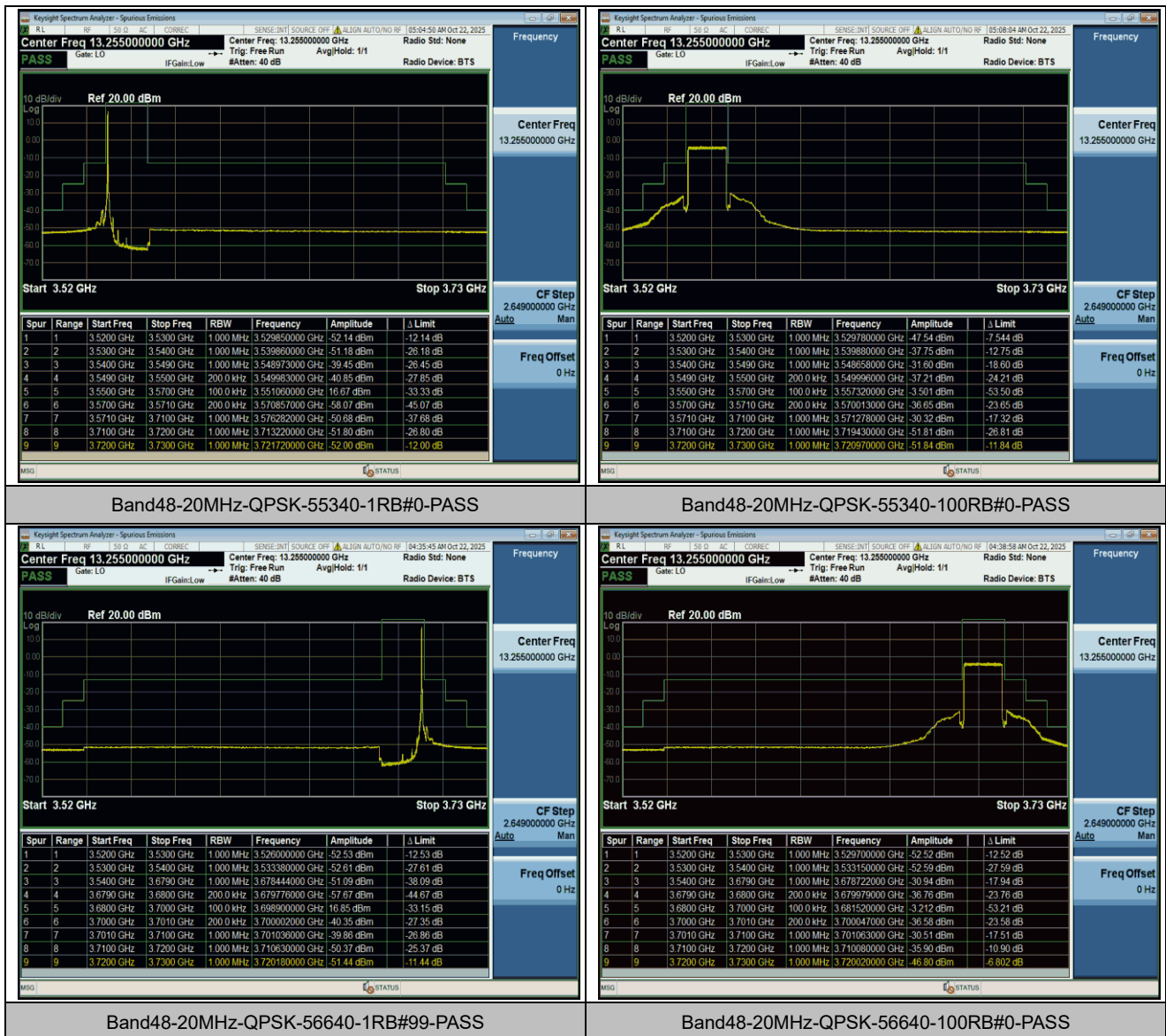
Band48-20MHz-256QAM-56640-100RB#0-PASS

Band Edge

Test Graphs

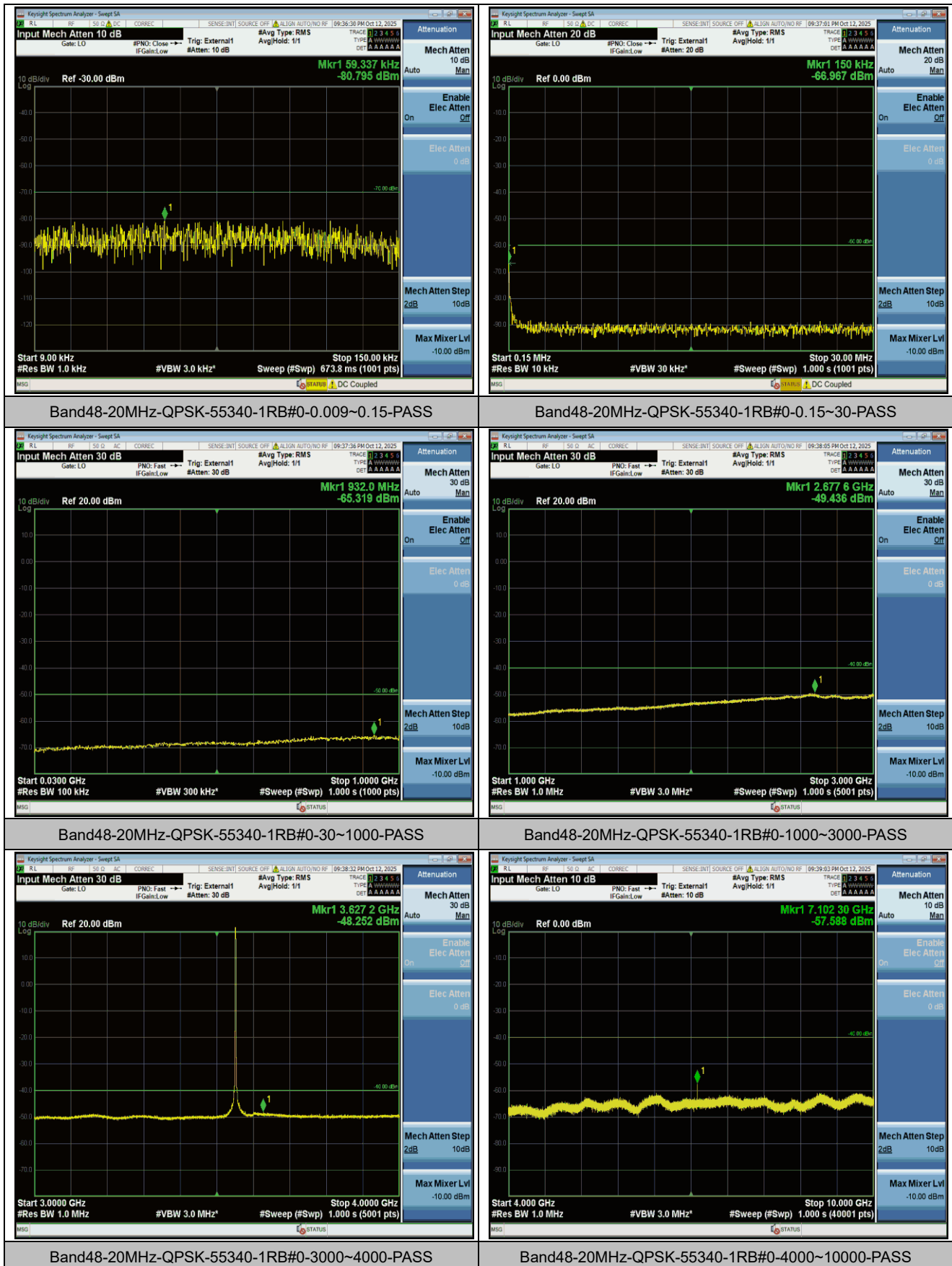


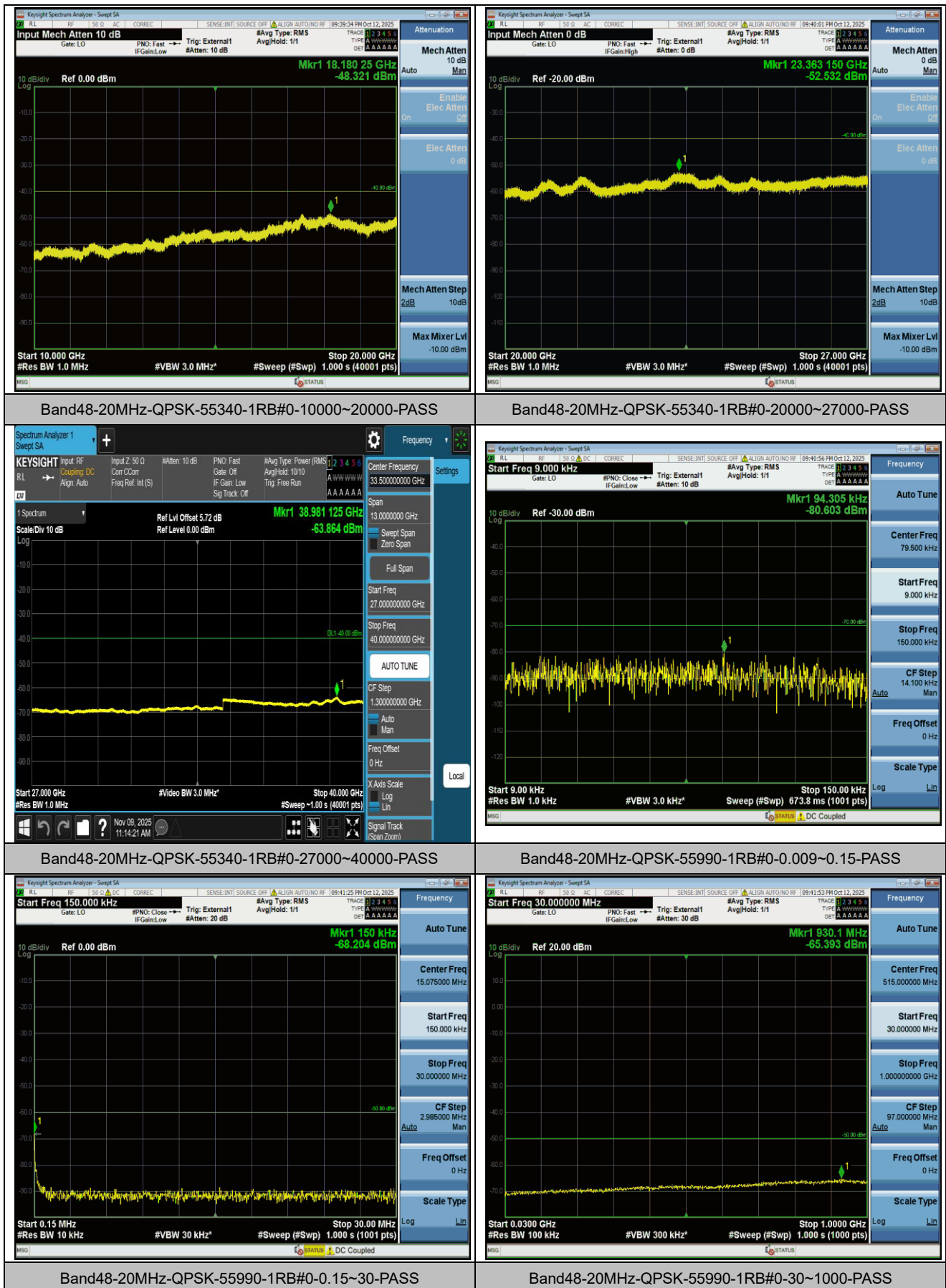


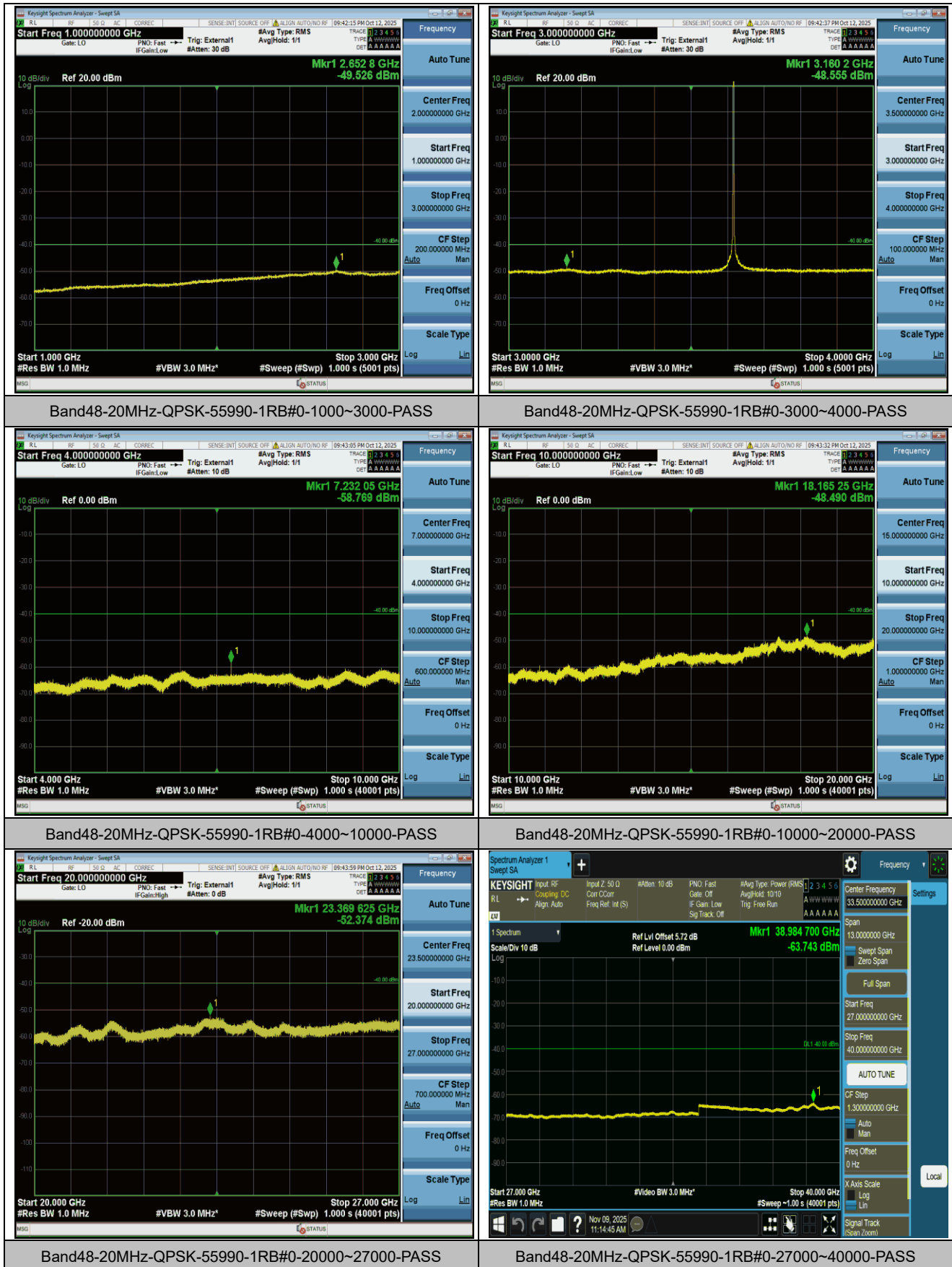


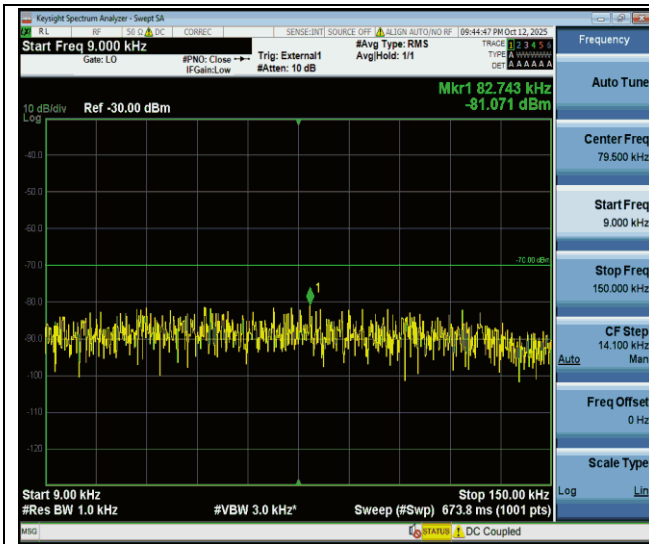
Conducted Spurious Emission

Test Graphs

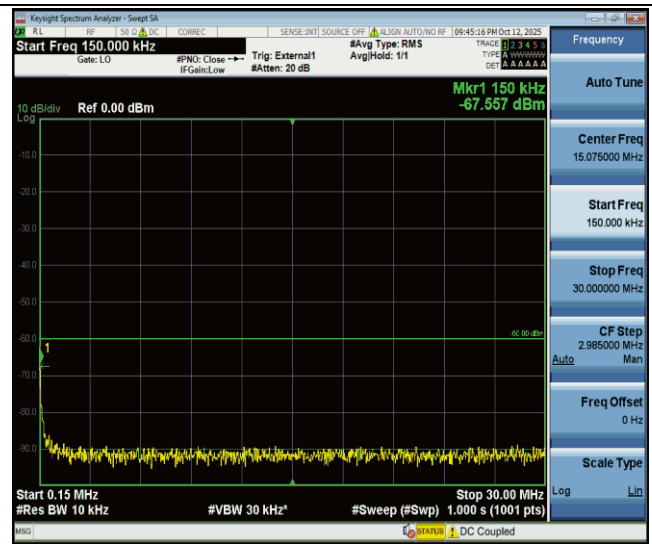








Band48-20MHz-QPSK-56640-1RB#0-0.009~0.15-PASS



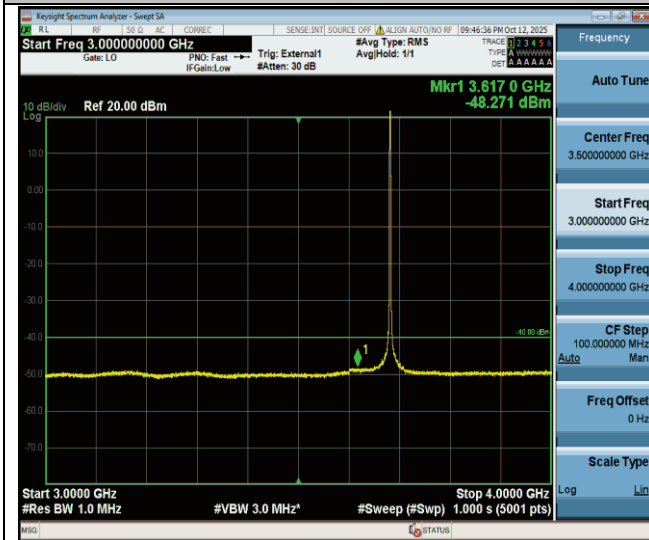
Band48-20MHz-QPSK-56640-1RB#0-0.15~30-PASS



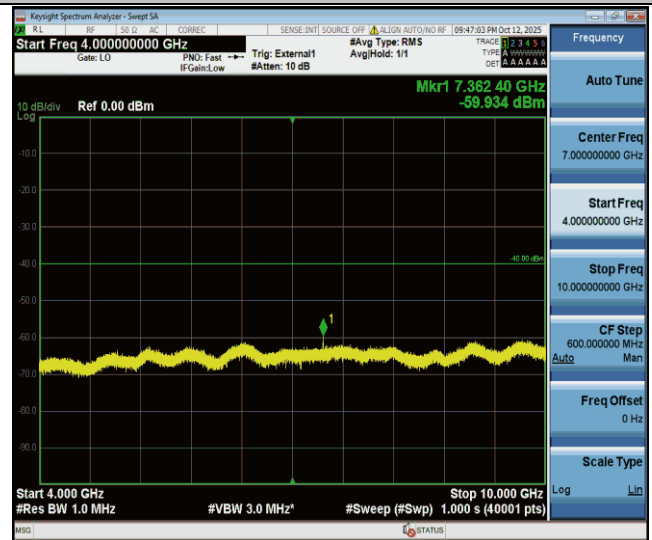
Band48-20MHz-QPSK-56640-1RB#0-30~1000-PASS



Band48-20MHz-QPSK-56640-1RB#0-1000~3000-PASS



Band48-20MHz-QPSK-56640-1RB#0-3000~4000-PASS



Band48-20MHz-QPSK-56640-1RB#0-4000~10000-PASS



Band48-20MHz-QPSK-56640-1RB#0-10000~20000-PASS



Band48-20MHz-QPSK-56640-1RB#0-20000~27000-PASS



Band48-20MHz-QPSK-56640-1RB#0-27000~40000-PASS

Frequency Stability

Test Result

Voltage									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band48	20MHz	QPSK	55990	100RB#0	VN	NT	1.20	0.000331	PASS
Band48	20MHz	QPSK	55990	100RB#0	VL	NT	1.50	0.000414	PASS
Band48	20MHz	QPSK	55990	100RB#0	VH	NT	-1.10	-0.000303	PASS

Temperature									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band48	20MHz	QPSK	55990	100RB#0	NV	-30	1.10	0.000303	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	-20	1.10	0.000303	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	-10	3.20	0.000883	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	0	1.60	0.000441	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	10	2.20	0.000607	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	20	0.60	0.000166	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	30	1.00	0.000276	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	40	2.30	0.000634	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	50	0.60	0.000166	PASS

~The End~