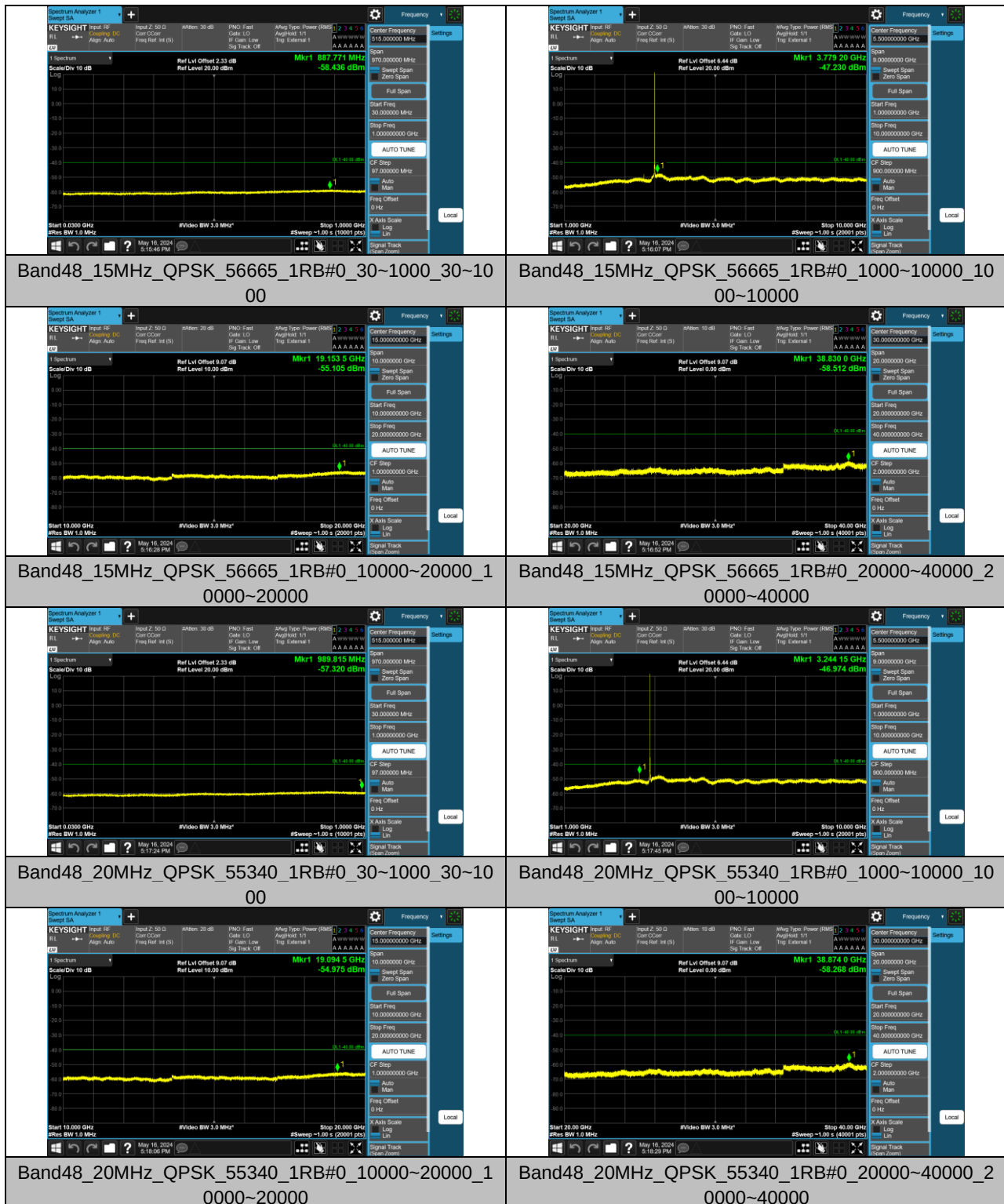
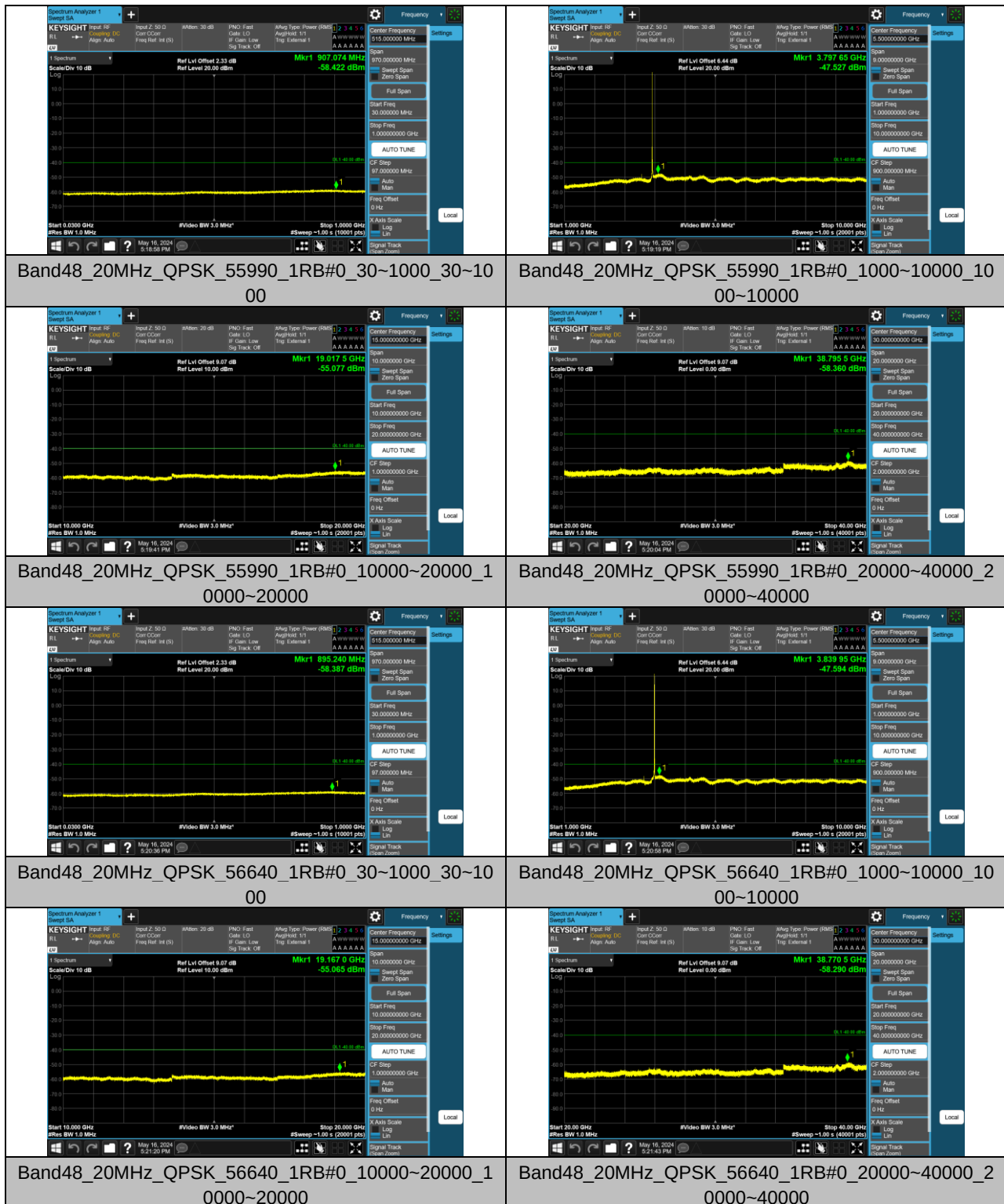






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Reference No.: PSZ-NQN2412090319RF10





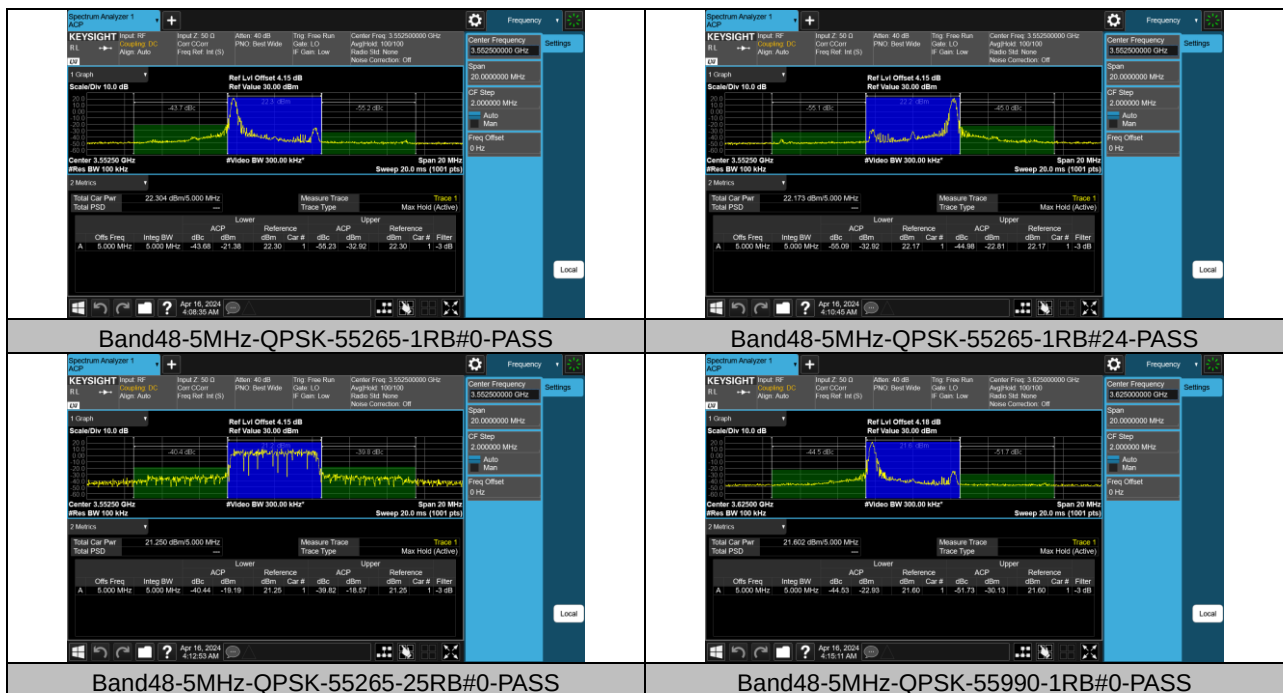
Reference No.: PSZ-NQN2412090319RF10

ADJACENT CHANNEL LEAKAGE RATIO TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Power (dBm)	Lower (dB)	Upper (dB)	Limit (dB)	Verdict
Band48	5MHz	QPSK	55265	1RB#0	22.30	-43.68	-55.23	≥30	PASS
Band48	5MHz	QPSK	55265	1RB#24	22.17	-55.09	-44.98	≥30	PASS
Band48	5MHz	QPSK	55265	25RB#0	21.25	-40.44	-39.82	≥30	PASS
Band48	5MHz	QPSK	55990	1RB#0	21.60	-44.53	-51.73	≥30	PASS
Band48	5MHz	QPSK	55990	1RB#24	22.37	-52.63	-44.39	≥30	PASS
Band48	5MHz	QPSK	55990	25RB#0	21.85	-43.65	-42.80	≥30	PASS
Band48	5MHz	QPSK	56715	1RB#0	20.67	-44.94	-50.80	≥30	PASS
Band48	5MHz	QPSK	56715	1RB#24	21.44	-51.53	-44.78	≥30	PASS
Band48	5MHz	QPSK	56715	25RB#0	20.94	-45.10	-43.60	≥30	PASS
Band48	5MHz	16QAM	55265	1RB#0	21.13	-44.10	-54.61	≥30	PASS
Band48	5MHz	16QAM	55265	1RB#24	20.25	-53.74	-44.65	≥30	PASS
Band48	5MHz	16QAM	55265	25RB#0	20.35	-40.50	-39.90	≥30	PASS
Band48	5MHz	16QAM	55990	1RB#0	21.08	-42.97	-51.51	≥30	PASS
Band48	5MHz	16QAM	55990	1RB#24	22.01	-52.44	-47.02	≥30	PASS
Band48	5MHz	16QAM	55990	25RB#0	20.65	-42.31	-42.08	≥30	PASS
Band48	5MHz	16QAM	56715	1RB#0	20.36	-43.31	-50.69	≥30	PASS
Band48	5MHz	16QAM	56715	1RB#24	21.05	-51.35	-47.10	≥30	PASS
Band48	5MHz	16QAM	56715	25RB#0	19.75	-43.58	-42.54	≥30	PASS
Band48	10MHz	QPSK	55290	1RB#0	20.76	-46.60	-52.11	≥30	PASS
Band48	10MHz	QPSK	55290	1RB#49	21.78	-53.37	-47.80	≥30	PASS
Band48	10MHz	QPSK	55290	50RB#0	21.47	-40.98	-40.21	≥30	PASS
Band48	10MHz	QPSK	55990	1RB#0	22.04	-46.25	-50.05	≥30	PASS
Band48	10MHz	QPSK	55990	1RB#49	21.33	-49.68	-45.62	≥30	PASS
Band48	10MHz	QPSK	55990	50RB#0	21.58	-43.00	-42.30	≥30	PASS
Band48	10MHz	QPSK	56690	1RB#0	20.69	-45.46	-48.59	≥30	PASS
Band48	10MHz	QPSK	56690	1RB#49	20.52	-48.54	-45.37	≥30	PASS
Band48	10MHz	QPSK	56690	50RB#0	20.64	-44.24	-43.67	≥30	PASS
Band48	10MHz	16QAM	55290	1RB#0	21.33	-47.89	-52.92	≥30	PASS
Band48	10MHz	16QAM	55290	1RB#49	20.67	-52.45	-47.52	≥30	PASS
Band48	10MHz	16QAM	55290	50RB#0	20.25	-40.39	-39.71	≥30	PASS
Band48	10MHz	16QAM	55990	1RB#0	21.78	-46.48	-49.86	≥30	PASS
Band48	10MHz	16QAM	55990	1RB#49	20.92	-49.38	-45.87	≥30	PASS
Band48	10MHz	16QAM	55990	50RB#0	20.66	-42.37	-41.61	≥30	PASS
Band48	10MHz	16QAM	56690	1RB#0	20.33	-45.61	-48.28	≥30	PASS
Band48	10MHz	16QAM	56690	1RB#49	19.87	-47.91	-45.17	≥30	PASS
Band48	10MHz	16QAM	56690	50RB#0	19.66	-43.13	-42.50	≥30	PASS
Band48	15MHz	QPSK	55315	1RB#0	23.50	-47.16	-53.73	≥30	PASS
Band48	15MHz	QPSK	55315	1RB#74	23.32	-53.82	-46.55	≥30	PASS
Band48	15MHz	QPSK	55315	75RB#0	22.38	-41.34	-40.10	≥30	PASS
Band48	15MHz	QPSK	55990	1RB#0	24.03	-46.62	-50.71	≥30	PASS
Band48	15MHz	QPSK	55990	1RB#74	24.28	-51.50	-47.91	≥30	PASS
Band48	15MHz	QPSK	55990	75RB#0	22.88	-41.26	-39.92	≥30	PASS
Band48	15MHz	QPSK	56665	1RB#0	23.99	-47.46	-50.57	≥30	PASS
Band48	15MHz	QPSK	56665	1RB#74	23.30	-49.99	-46.52	≥30	PASS

Band48	15MHz	QPSK	56665	75RB#0	22.53	-41.85	-41.53	≥30	PASS
Band48	15MHz	16QAM	55315	1RB#0	19.64	-43.53	-50.03	≥30	PASS
Band48	15MHz	16QAM	55315	1RB#74	22.25	-52.85	-46.29	≥30	PASS
Band48	15MHz	16QAM	55315	75RB#0	21.31	-40.51	-39.49	≥30	PASS
Band48	15MHz	16QAM	55990	1RB#0	22.77	-46.74	-49.54	≥30	PASS
Band48	15MHz	16QAM	55990	1RB#74	22.44	-49.77	-46.13	≥30	PASS
Band48	15MHz	16QAM	55990	75RB#0	21.49	-40.86	-39.81	≥30	PASS
Band48	15MHz	16QAM	56665	1RB#0	20.12	-43.35	-46.74	≥30	PASS
Band48	15MHz	16QAM	56665	1RB#74	22.11	-48.88	-46.13	≥30	PASS
Band48	15MHz	16QAM	56665	75RB#0	21.47	-42.12	-41.89	≥30	PASS
Band48	20MHz	QPSK	55340	1RB#0	22.90	-47.57	-52.57	≥30	PASS
Band48	20MHz	QPSK	55340	1RB#99	23.80	-53.95	-47.72	≥30	PASS
Band48	20MHz	QPSK	55340	100RB#0	22.00	-41.82	-40.75	≥30	PASS
Band48	20MHz	QPSK	55990	1RB#0	23.93	-48.01	-49.99	≥30	PASS
Band48	20MHz	QPSK	55990	1RB#99	23.43	-50.13	-46.99	≥30	PASS
Band48	20MHz	QPSK	55990	100RB#0	22.36	-40.98	-40.37	≥30	PASS
Band48	20MHz	QPSK	56640	1RB#0	23.31	-46.83	-49.12	≥30	PASS
Band48	20MHz	QPSK	56640	1RB#99	23.81	-49.92	-46.87	≥30	PASS
Band48	20MHz	QPSK	56640	100RB#0	22.27	-41.89	-42.25	≥30	PASS
Band48	20MHz	16QAM	55340	1RB#0	20.84	-46.05	-50.66	≥30	PASS
Band48	20MHz	16QAM	55340	1RB#99	21.60	-51.80	-46.67	≥30	PASS
Band48	20MHz	16QAM	55340	100RB#0	21.17	-41.31	-40.21	≥30	PASS
Band48	20MHz	16QAM	55990	1RB#0	22.64	-47.07	-48.75	≥30	PASS
Band48	20MHz	16QAM	55990	1RB#99	22.01	-48.75	-46.15	≥30	PASS
Band48	20MHz	16QAM	55990	100RB#0	21.43	-41.22	-40.52	≥30	PASS
Band48	20MHz	16QAM	56640	1RB#0	21.36	-45.08	-47.33	≥30	PASS
Band48	20MHz	16QAM	56640	1RB#99	21.67	-47.89	-45.77	≥30	PASS
Band48	20MHz	16QAM	56640	100RB#0	21.30	-42.37	-42.46	≥30	PASS

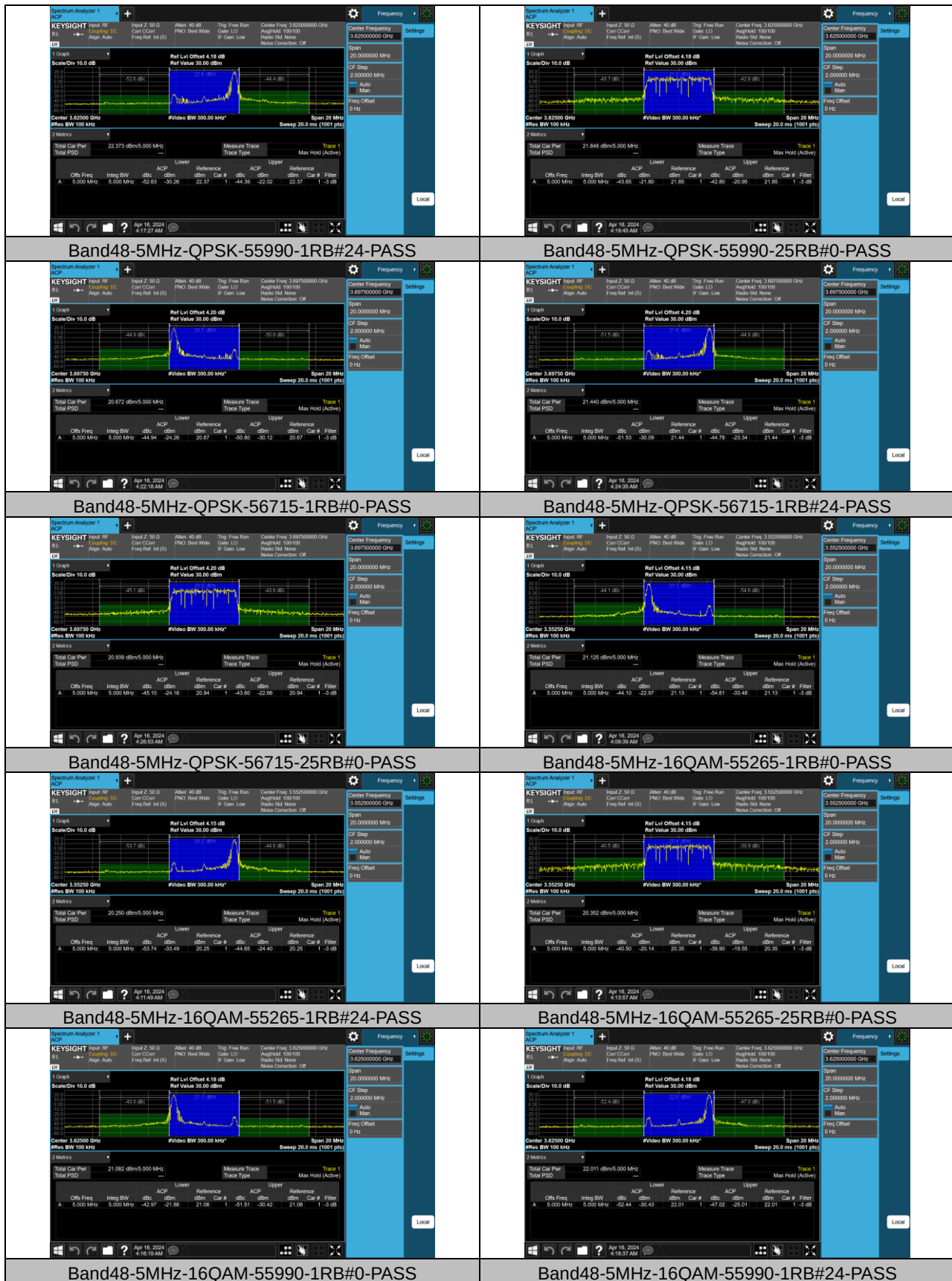
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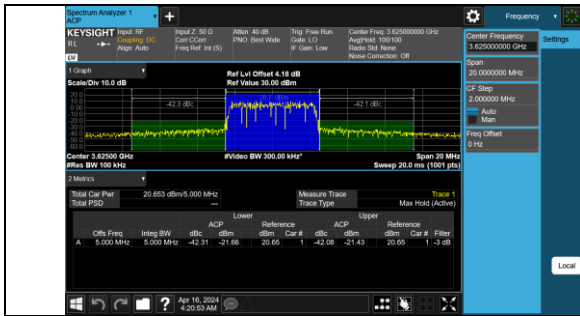
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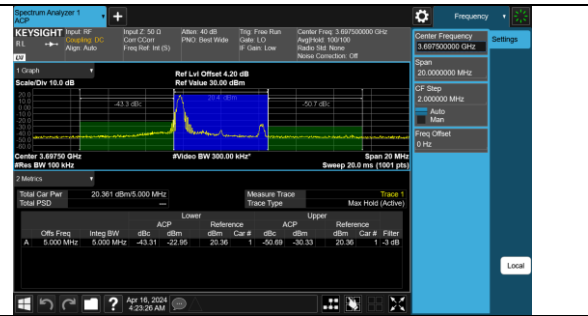


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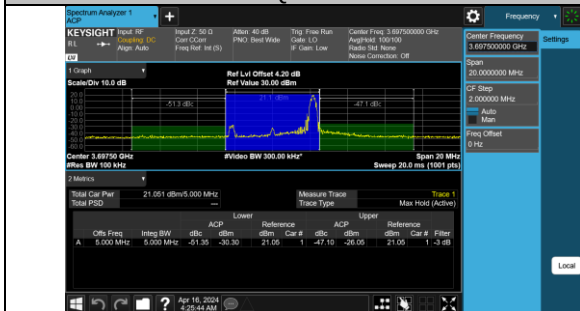
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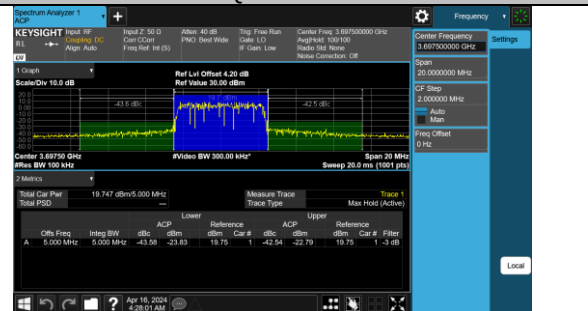
Band48-5MHz-16QAM-55990-25RB#0-PASS



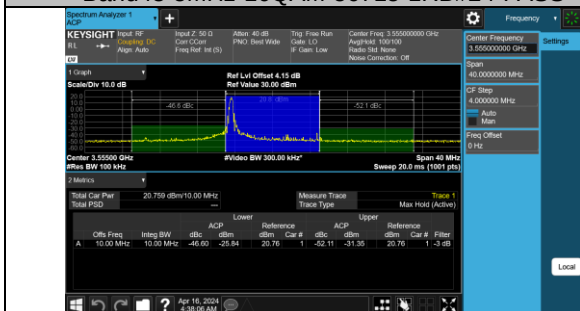
Band48-5MHz-16QAM-56715-1RB#0-PASS



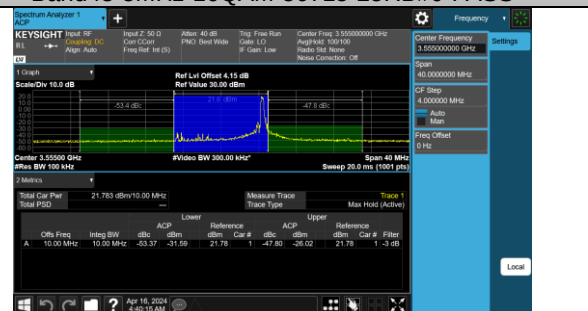
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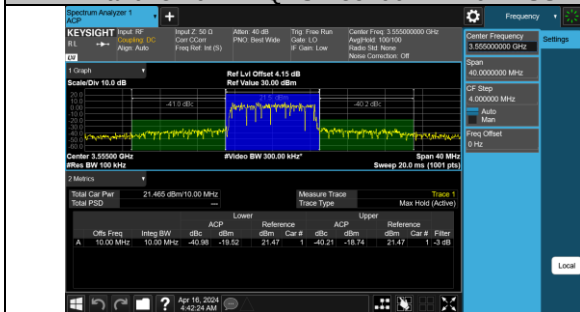
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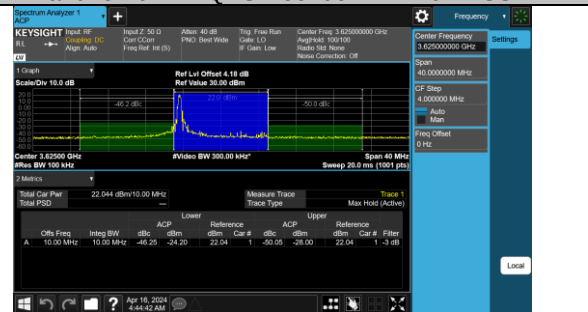
Band48-10MHz-QPSK-55290-1RB#0-PASS



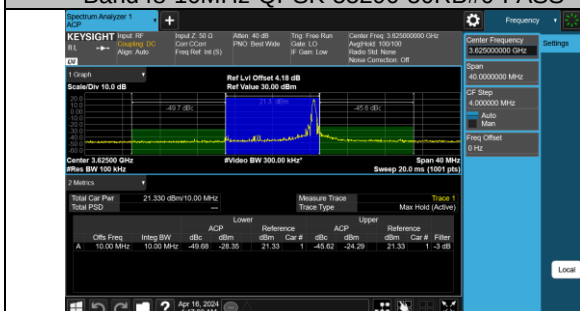
Band48-10MHz-QPSK-55290-1RB#49-PASS



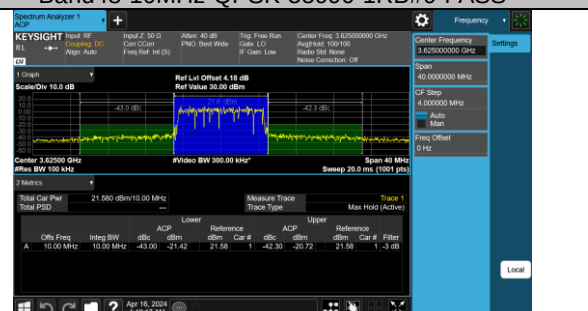
Band48-10MHz-QPSK-55290-50RB#0-PASS



Band48-10MHz-QPSK-55990-1RB#0-PASS



Band48-10MHz-QPSK-55990-1RB#49-PASS

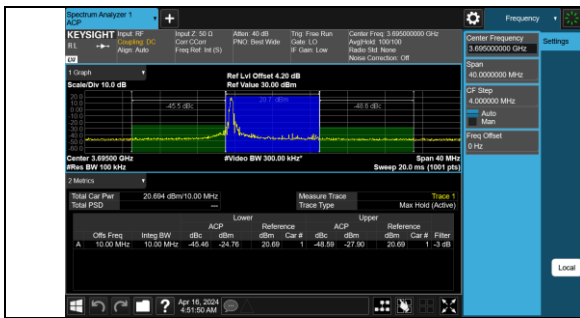


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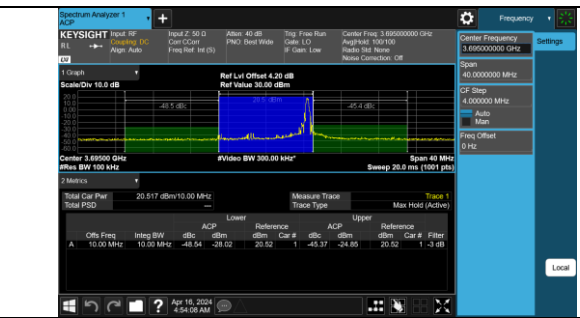


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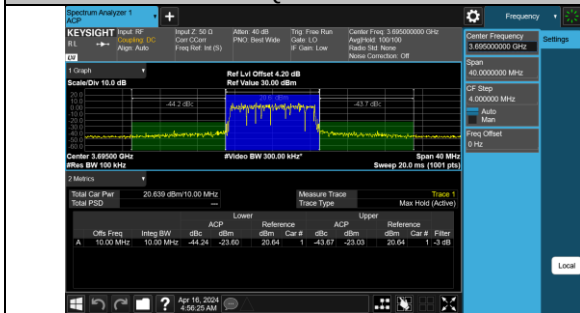
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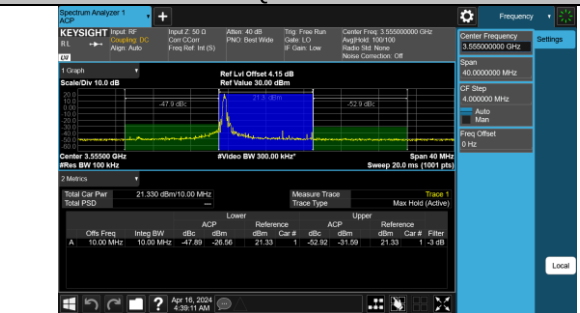
Band48-10MHz-QPSK-56690-1RB#0-PASS



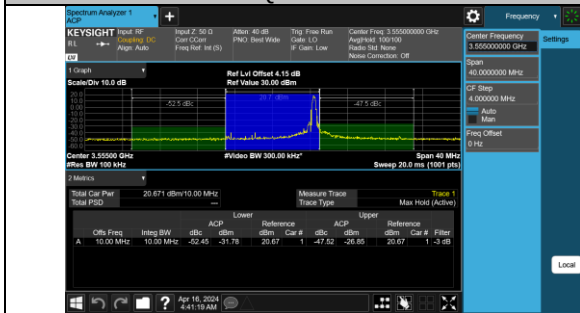
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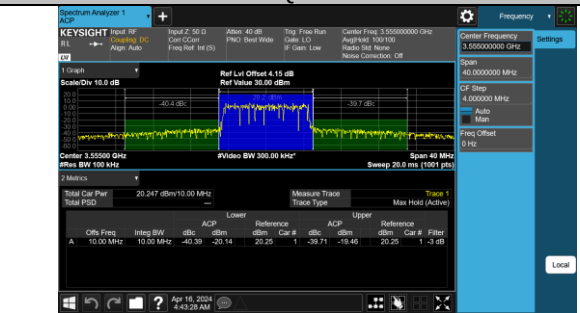
Band48-10MHz-QPSK-56690-50RB#0-PASS



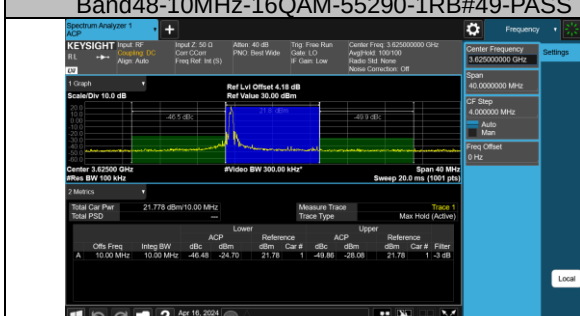
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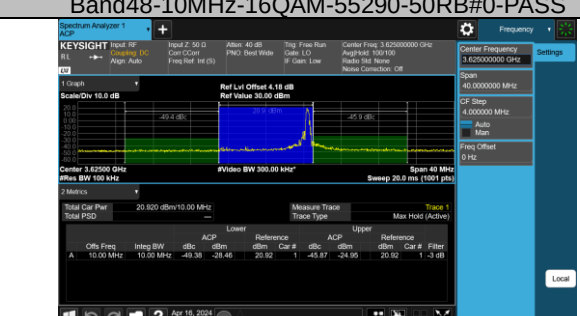
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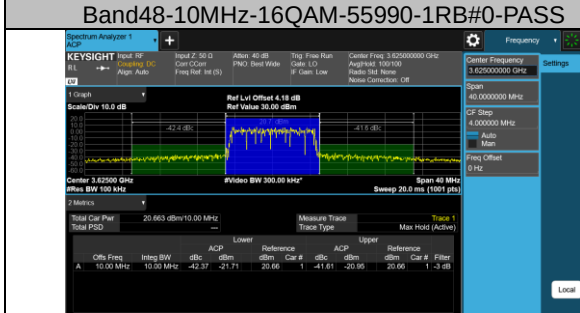
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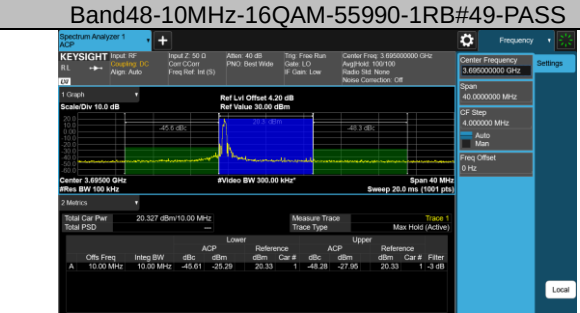
Band48-10MHz-16QAM-55990-1RB#0-PASS



Band48-10MHz-16QAM-55990-1RB#49-PASS



Band48-10MHz-16QAM-55990-50RB#0-PASS

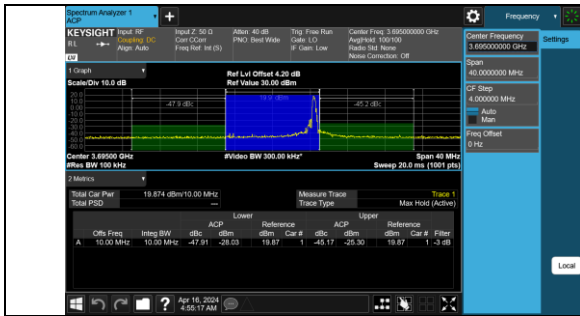


Band48-10MHz-16QAM-56690-1RB#0-PASS

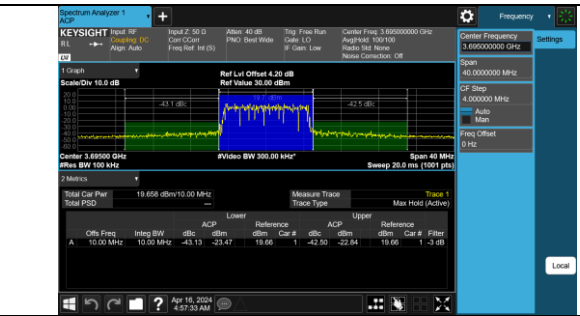


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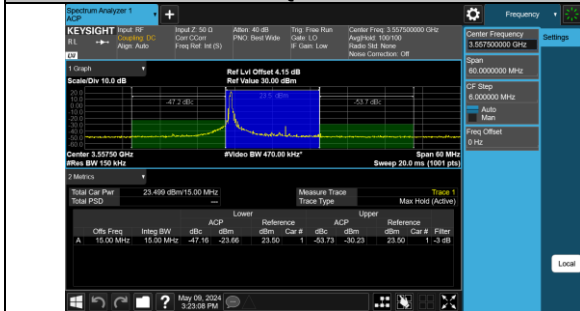
Reference No.: PSZ-NQN2412090319RF10



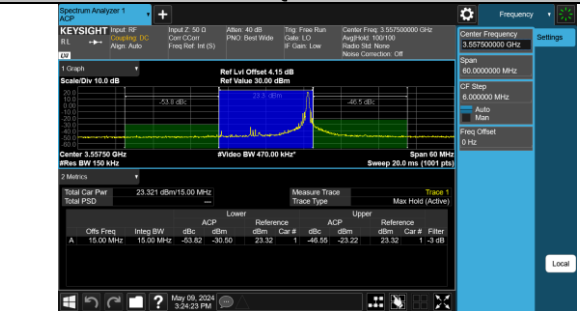
Band48-10MHz-16QAM-56690-1RB#49-PASS



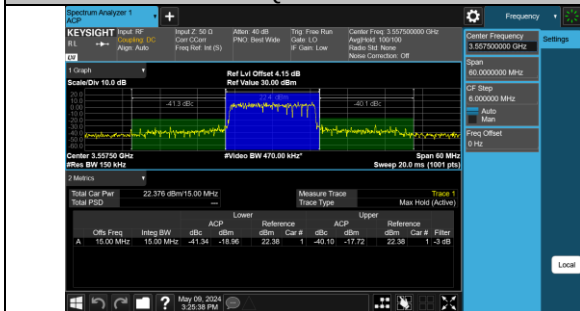
Band48-10MHz-16QAM-56690-50RB#0-PASS



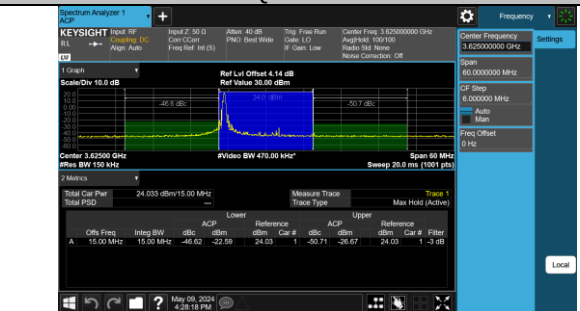
Band48-15MHz-QPSK-55315-1RB#0-PASS



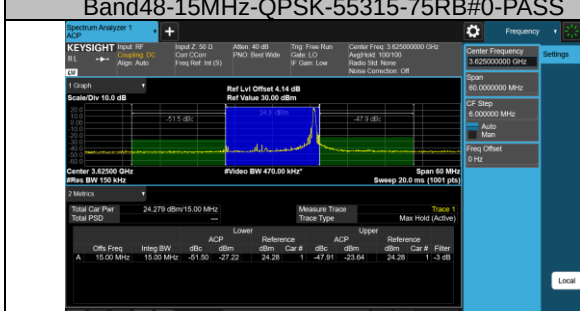
Band48-15MHz-QPSK-55315-1RB#74-PASS



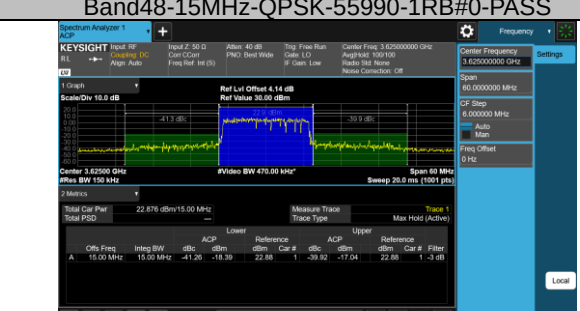
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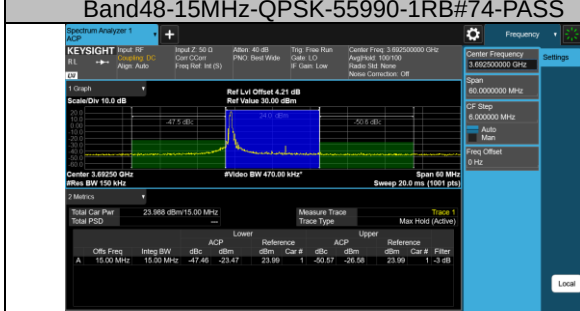
Band48-15MHz-QPSK-55990-1RB#0-PASS



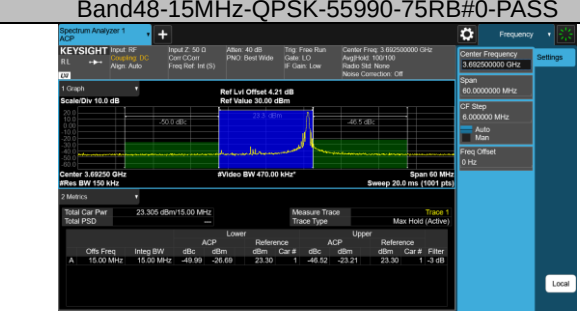
Band48-15MHz-QPSK-55990-1RB#74-PASS



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



Band48-15MHz-QPSK-56665-1RB#0-PASS

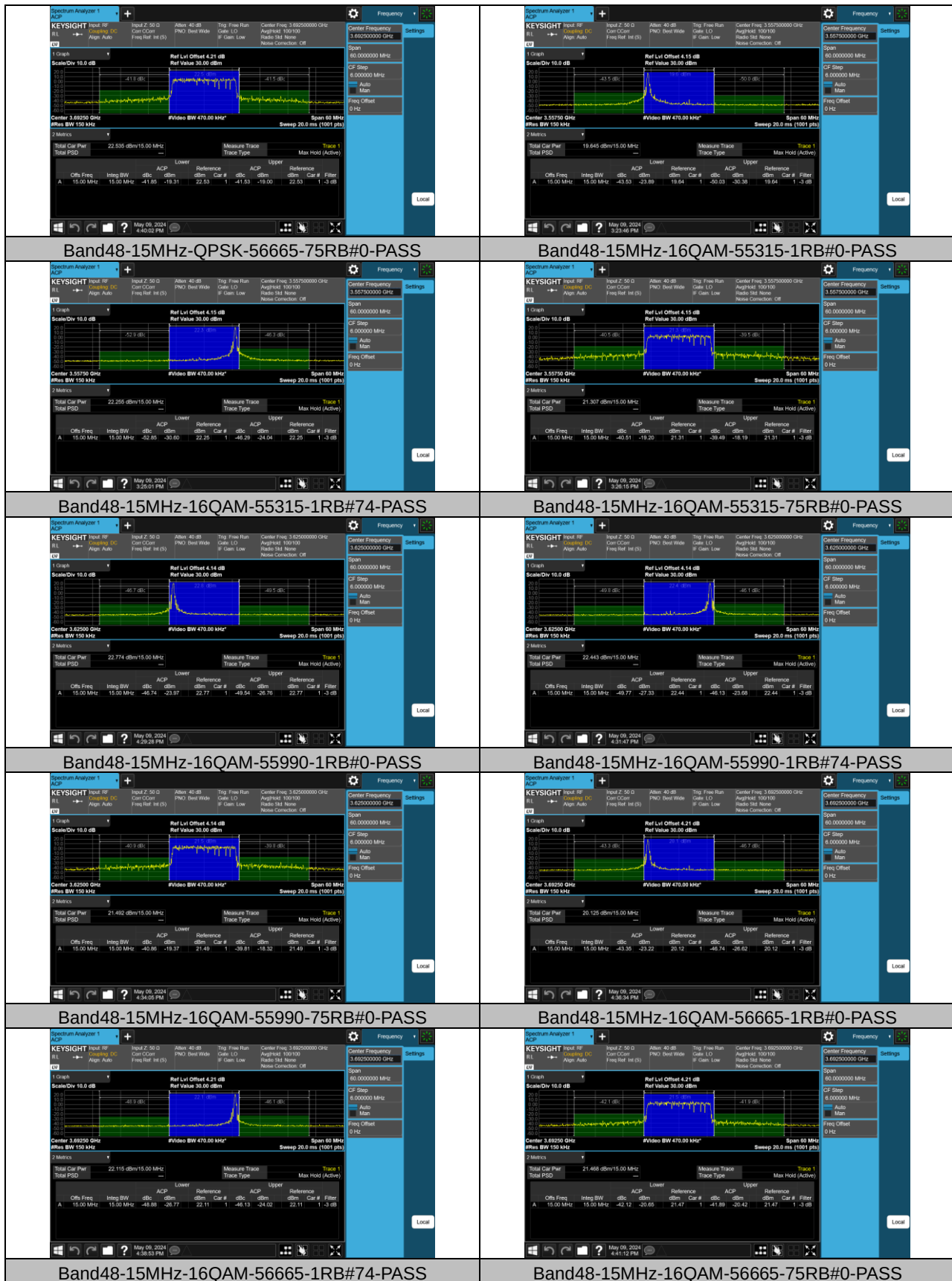


Band48-15MHz-QPSK-56665-1RB#74-PASS



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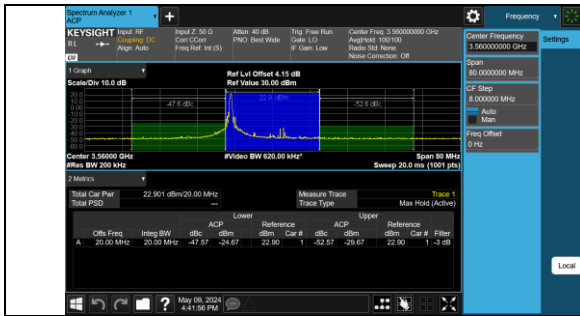
Reference No.: PSZ-NQN2412090319RF10



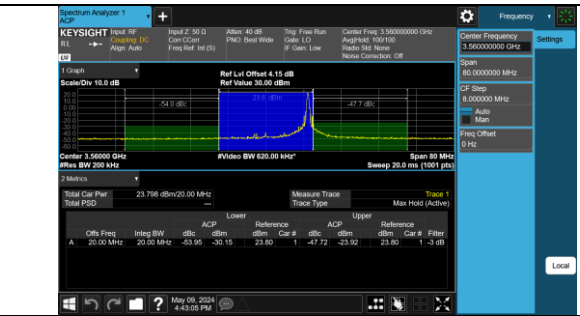


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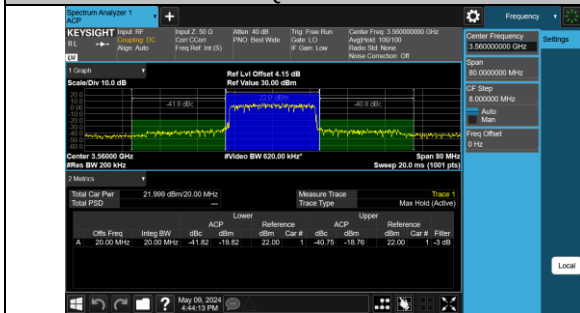
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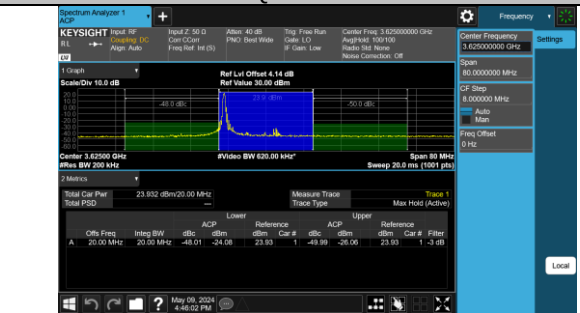
Band48-20MHz-QPSK-55340-1RB#0-PASS



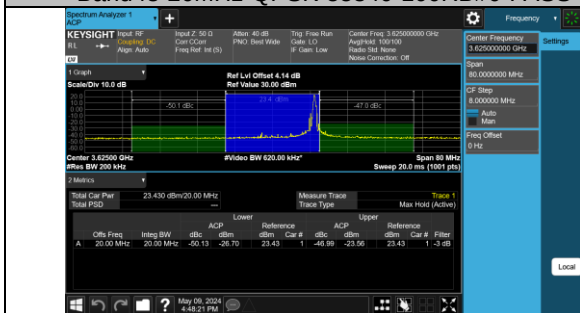
Band48-20MHz-QPSK-55340-1RB#99-PASS



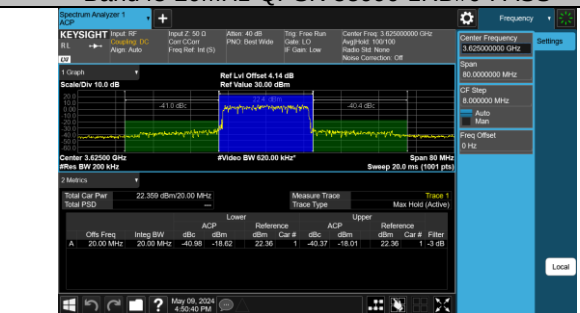
Band48-20MHz-QPSK-55340-100RB#0-PASS



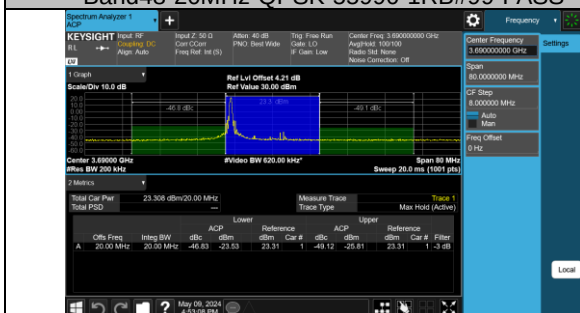
Band48-20MHz-QPSK-55990-1RB#0-PASS



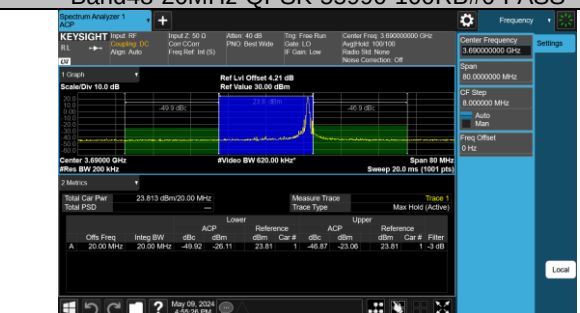
Band48-20MHz-QPSK-55990-1RB#99-PASS



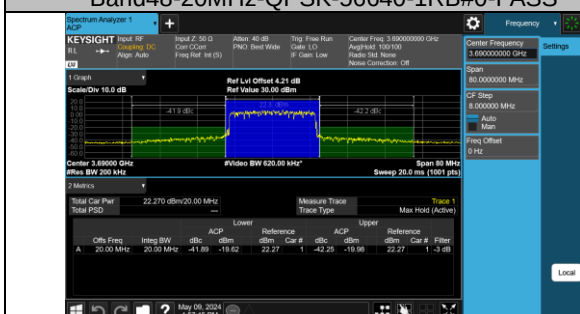
Band48-20MHz-QPSK-55990-100RB#0-PASS



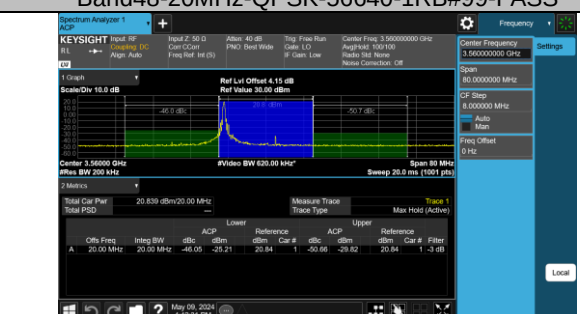
Band48-20MHz-QPSK-56640-1RB#0-PASS



Band48-20MHz-QPSK-56640-1RB#99-PASS



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

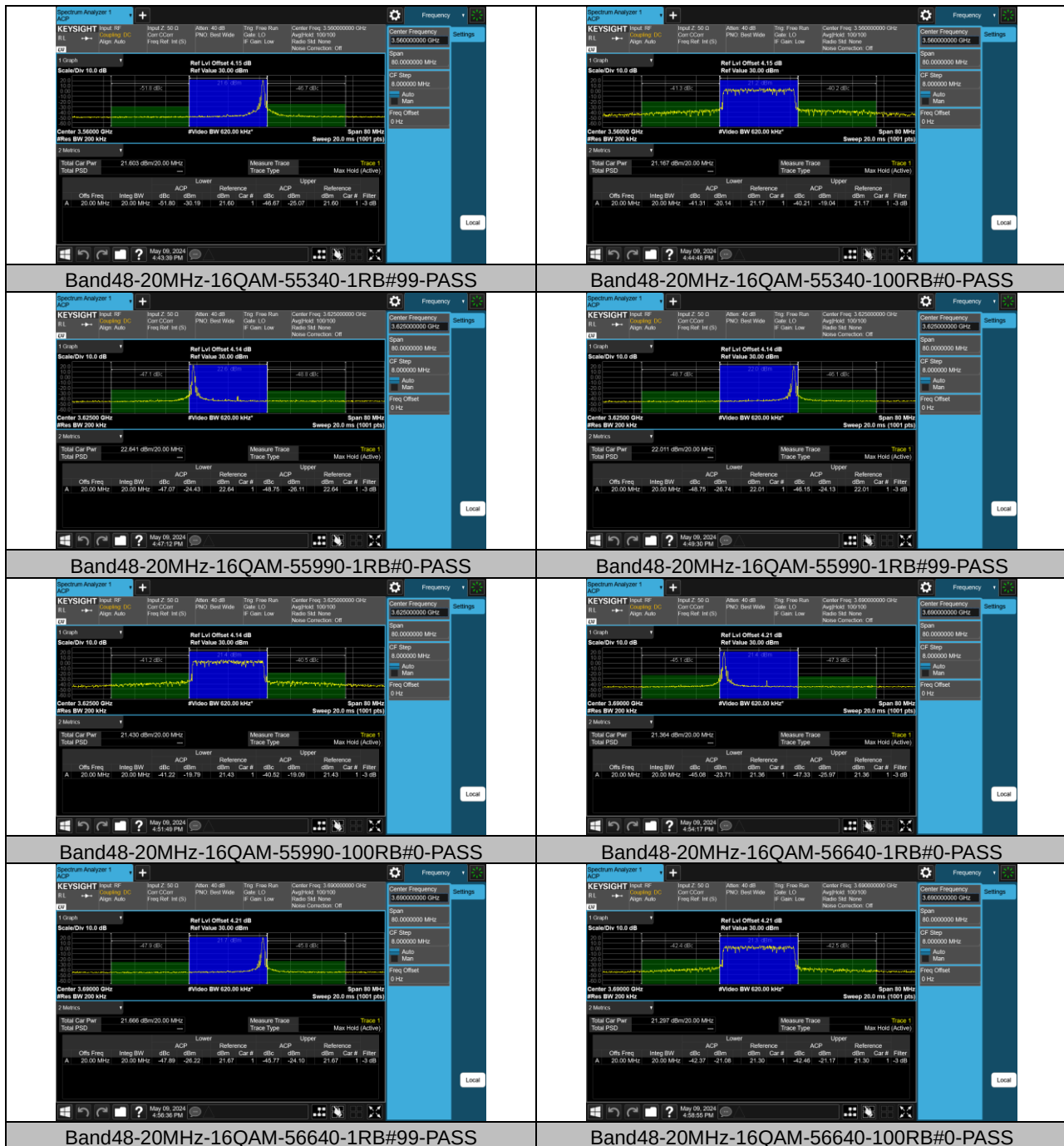


Band48-20MHz-16QAM-55340-1RB#0-PASS



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Reference No.: PSZ-NQN2412090319RF10



FREQUENCY STABILITY TEST RESULT

Voltage												
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band48	10MHz	QPSK	55290	50RB#0	VN	NT	6430.00	1.81	3550.53848	--	3550-3700	PASS



**BUREAU
VERITAS**

Reference No.: PSZ-NQN2412090319RF10

Band4 8	10MH z	QPSK	55290	50RB #0	VL	NT	8440. 00	2.37	3550. 53824	--	3550- 3700	PASS
Band4 8	10MH z	QPSK	55290	50RB #0	VH	NT	7550. 00	2.12	3550. 54025	--	3550- 3700	PASS
Band4 8	10MH z	QPSK	56690	50RB #0	VN	NT	6400. 00	1.73	--	3699. 47405	3550- 3700	PASS
Band4 8	10MH z	QPSK	56690	50RB #0	VL	NT	6690. 00	1.81	--	3699. 47309	3550- 3700	PASS
Band4 8	10MH z	QPSK	56690	50RB #0	VH	NT	8410. 00	2.28	--	3699. 47741	3550- 3700	PASS

Temperature												
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band4 8	10MH z	QPSK	55290	50RB #0	NV	-30	6670.0 0	1.88	3550. 53852	--	3550- 3700	PASS
Band4 8	10MH z	QPSK	55290	50RB #0	NV	-20	7630.0 0	2.15	3550. 53988	--	3550- 3700	PASS
Band4 8	10MH z	QPSK	55290	50RB #0	NV	-10	8860.0 0	2.49	3550. 53986	--	3550- 3700	PASS
Band4 8	10MH z	QPSK	55290	50RB #0	NV	0	5960.0 0	1.68	3550. 53881	--	3550- 3700	PASS
Band4 8	10MH z	QPSK	55290	50RB #0	NV	10	6040.0 0	1.70	3550. 54019	--	3550- 3700	PASS
Band4 8	10MH z	QPSK	55290	50RB #0	NV	20	5710.0 0	1.61	3550. 53891	--	3550- 3700	PASS
Band4 8	10MH z	QPSK	55290	50RB #0	NV	30	7560.0 0	2.13	3550. 53766	--	3550- 3700	PASS
Band4 8	10MH z	QPSK	55290	50RB #0	NV	40	6300.0 0	1.77	3550. 539	--	3550- 3700	PASS
Band4 8	10MH z	QPSK	55290	50RB #0	NV	50	5510.0 0	1.55	3550. 53921	--	3550- 3700	PASS
Band4 8	10MH z	QPSK	56690	50RB #0	NV	-30	989.91	0.27	--	3699. 47912	3550- 3700	PASS
Band4 8	10MH z	QPSK	56690	50RB #0	NV	-20	8130.0 0	2.20	--	3699. 47708	3550- 3700	PASS
Band4 8	10MH z	QPSK	56690	50RB #0	NV	-10	1008.7 6	0.27	--	3699. 47764	3550- 3700	PASS
Band4 8	10MH z	QPSK	56690	50RB #0	NV	0	9030.0 0	2.44	--	3699. 47623	3550- 3700	PASS
Band4 8	10MH z	QPSK	56690	50RB #0	NV	10	7110.0 0	1.92	--	3699. 47381	3550- 3700	PASS
Band4 8	10MH z	QPSK	56690	50RB #0	NV	20	8560.0 0	2.32	--	3699. 47281	3550- 3700	PASS
Band4 8	10MH z	QPSK	56690	50RB #0	NV	30	888.06	0.24	--	3699. 47693	3550- 3700	PASS
Band4 8	10MH z	QPSK	56690	50RB #0	NV	40	890.57	0.24	--	3699. 4773	3550- 3700	PASS
Band4 8	10MH z	QPSK	56690	50RB #0	NV	50	8040.0 0	2.18	--	3699. 47309	3550- 3700	PASS



Reference No.: PSZ-NQN2412090319RF10

LTE BAND 48C

26DB BANDWIDTH AND OCCUPIED BANDWIDTH TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
48-48	5MHz-20MHz	QPSK-QPSK	55273-55390	25RB#0-100RB#0	22.972	24.77	PASS
48-48	5MHz-20MHz	QPSK-QPSK	55898-56015	25RB#0-100RB#0	22.957	25.06	PASS
48-48	5MHz-20MHz	QPSK-QPSK	56523-56640	25RB#0-100RB#0	22.894	24.83	PASS
48-48	5MHz-20MHz	16QAM-16QAM	55273-55390	25RB#0-100RB#0	22.962	25.34	PASS
48-48	5MHz-20MHz	16QAM-16QAM	55898-56015	25RB#0-100RB#0	22.916	25.49	PASS
48-48	5MHz-20MHz	16QAM-16QAM	56523-56640	25RB#0-100RB#0	22.934	25.05	PASS
48-48	10MHz-20MHz	QPSK-QPSK	55295-55439	50RB#0-100RB#0	27.821	30.25	PASS
48-48	10MHz-20MHz	QPSK-QPSK	55896-56040	50RB#0-100RB#0	27.519	31.93	PASS
48-48	10MHz-20MHz	QPSK-QPSK	56496-56640	50RB#0-100RB#0	27.860	31.81	PASS
48-48	10MHz-20MHz	16QAM-16QAM	55295-55439	50RB#0-100RB#0	27.834	29.93	PASS
48-48	10MHz-20MHz	16QAM-16QAM	55896-56040	50RB#0-100RB#0	27.594	30.44	PASS
48-48	10MHz-20MHz	16QAM-16QAM	56496-56640	50RB#0-100RB#0	27.829	31.21	PASS
48-48	15MHz-20MHz	QPSK-QPSK	55318-55489	75RB#0-100RB#0	32.777	36.49	PASS
48-48	15MHz-20MHz	QPSK-QPSK	55893-56064	75RB#0-100RB#0	32.299	35.49	PASS
48-48	15MHz-20MHz	QPSK-QPSK	56469-56640	75RB#0-100RB#0	32.750	35.09	PASS
48-48	15MHz-20MHz	16QAM-16QAM	55318-55489	75RB#0-100RB#0	32.690	37.70	PASS
48-48	15MHz-20MHz	16QAM-16QAM	55893-56064	75RB#0-100RB#0	32.370	35.87	PASS
48-48	15MHz-20MHz	16QAM-16QAM	56469-56640	75RB#0-100RB#0	32.795	37.17	PASS
48-48	20MHz-5MHz	QPSK-QPSK	55340-55457	100RB#0-25RB#0	22.963	25.02	PASS
48-48	20MHz-5MHz	QPSK-QPSK	55965-56082	100RB#0-25RB#0	22.458	24.36	PASS
48-48	20MHz-5MHz	QPSK-QPSK	56590-56707	100RB#0-25RB#0	22.972	25.06	PASS
48-48	20MHz-5MHz	16QAM-16QAM	55340-55457	100RB#0-25RB#0	22.940	24.87	PASS
48-48	20MHz-5MHz	16QAM-16QAM	55965-56082	100RB#0-25RB#0	22.634	24.90	PASS
48-48	20MHz-5MHz	16QAM-16QAM	56590-56707	100RB#0-25RB#0	22.939	24.68	PASS
48-48	20MHz-10MHz	QPSK-QPSK	55340-55484	100RB#0-50RB#0	27.855	30.03	PASS
48-48	20MHz-10MHz	QPSK-QPSK	55941-56064	100RB#0-50RB#0	27.300	29.51	PASS
48-48	20MHz-10MHz	QPSK-QPSK	56541-56685	100RB#0-50RB#0	27.827	30.08	PASS
48-48	20MHz-10MHz	16QAM-16QAM	55340-55484	100RB#0-50RB#0	27.858	30.79	PASS
48-48	20MHz-10MHz	16QAM-16QAM	55941-56064	100RB#0-50RB#0	27.325	29.08	PASS
48-48	20MHz-10MHz	16QAM-16QAM	56541-56685	100RB#0-50RB#0	27.828	30.98	PASS
48-48	20MHz-15MHz	QPSK-QPSK	55340-55511	100RB#0-75RB#0	32.674	35.90	PASS
48-48	20MHz-15MHz	QPSK-QPSK	55916-56087	100RB#0-75RB#0	32.195	35.25	PASS
48-48	20MHz-15MHz	QPSK-QPSK	56491-56662	100RB#0-75RB#0	32.665	36.37	PASS
48-48	20MHz-15MHz	16QAM-16QAM	55340-55511	100RB#0-75RB#0	32.668	35.00	PASS
48-48	20MHz-15MHz	16QAM-16QAM	55916-56087	100RB#0-75RB#0	32.314	34.39	PASS
48-48	20MHz-15MHz	16QAM-16QAM	56491-56662	100RB#0-75RB#0	32.737	35.17	PASS
48-48	20MHz-20MHz	QPSK-QPSK	55340-55538	100RB#0-100RB#0	37.723	43.34	PASS
48-48	20MHz-20MHz	QPSK-QPSK	55891-56089	100RB#0-100RB#0	37.063	40.78	PASS
48-48	20MHz-20MHz	QPSK-QPSK	56442-56640	100RB#0-100RB#0	37.594	41.54	PASS

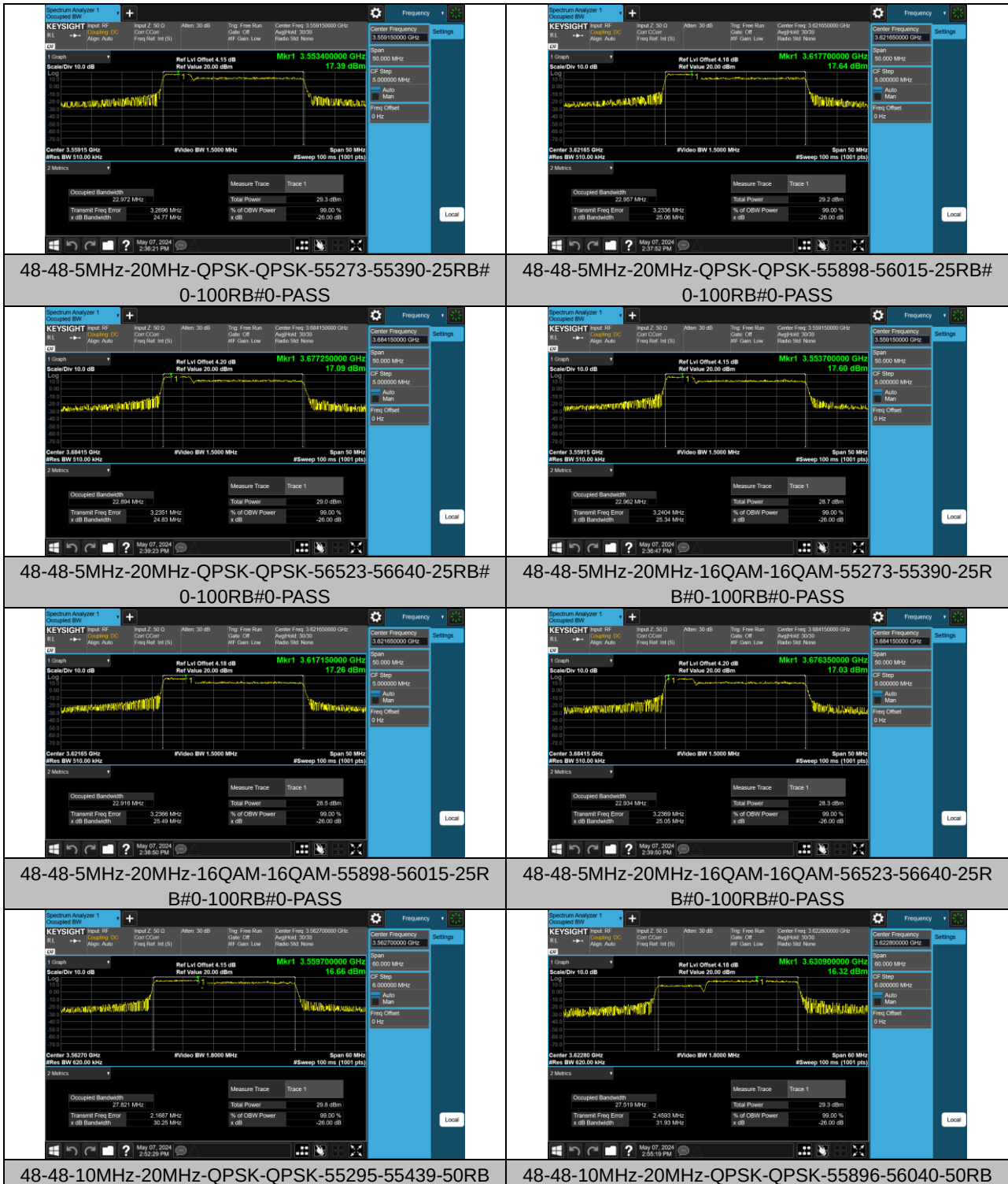


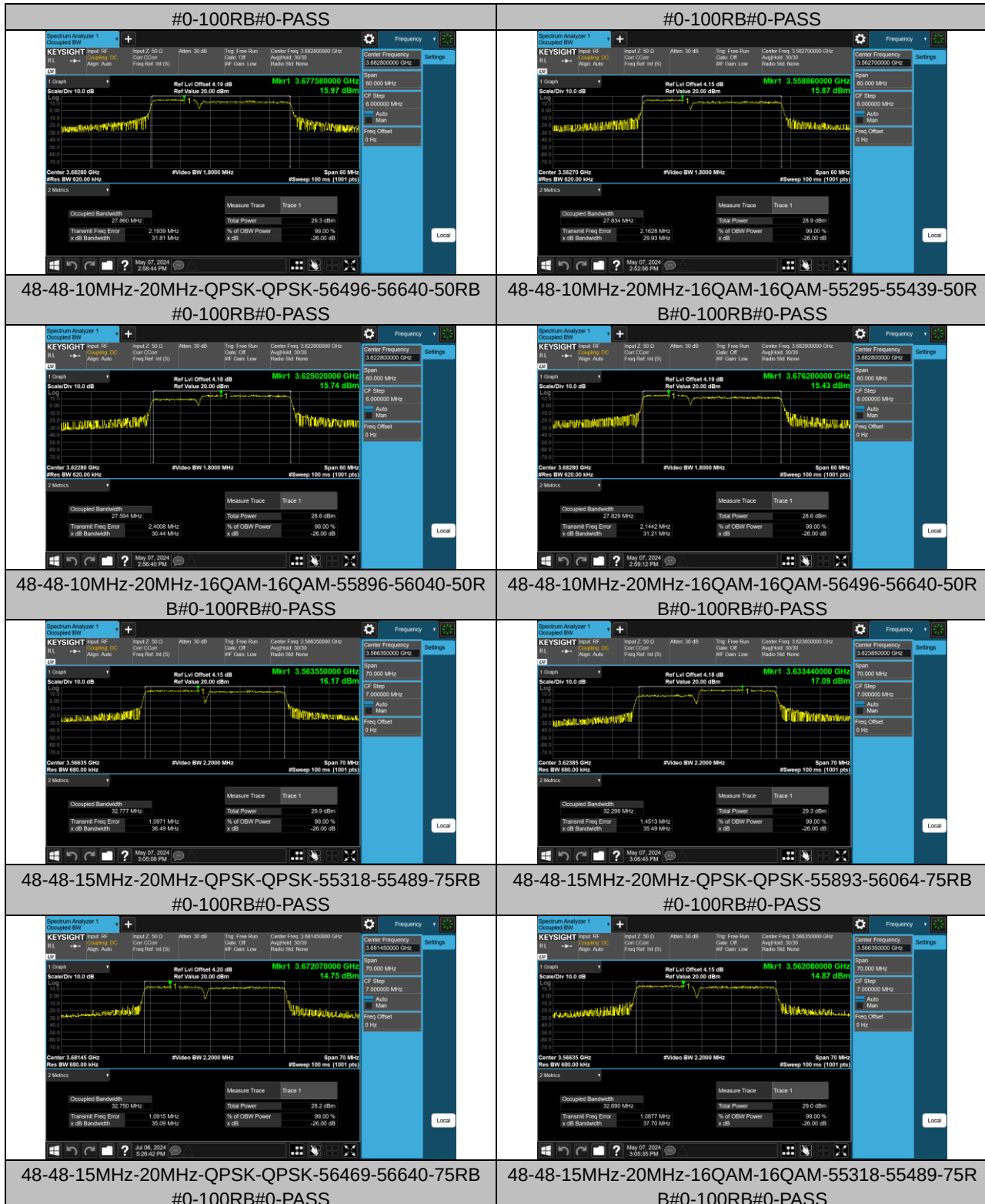
**BUREAU
VERITAS**

Reference No.: PSZ-NQN2412090319RF10

48-48	20MHz-20MHz	16QAM-16QAM	55340-55538	100RB#0-100RB#0	37.712	43.32	PASS
48-48	20MHz-20MHz	16QAM-16QAM	55891-56089	100RB#0-100RB#0	37.315	41.92	PASS
48-48	20MHz-20MHz	16QAM-16QAM	56442-56640	100RB#0-100RB#0	37.635	40.29	PASS

TEST GRAPHS

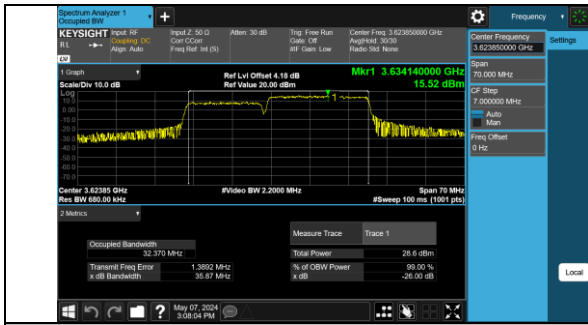




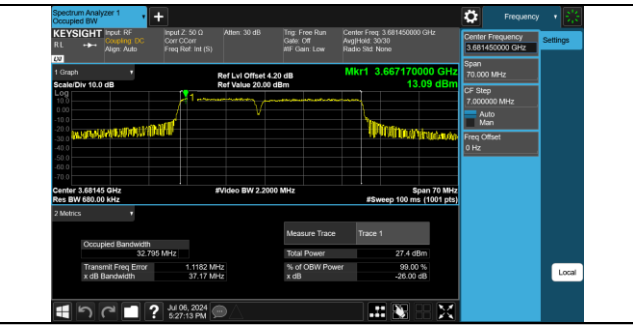


BUREAU
VERITAS

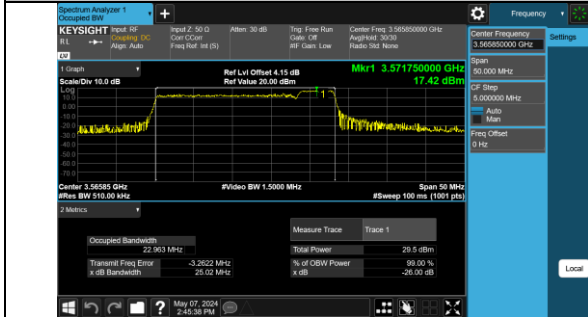
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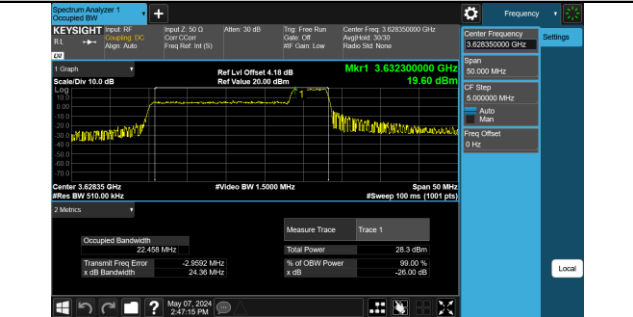
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B#0-100RB#0-PASS



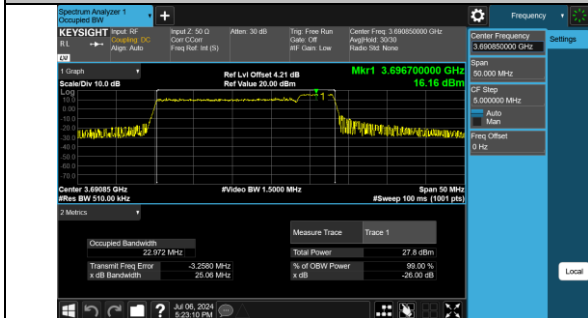
48-48-15MHz-20MHz-16QAM-16QAM-56469-56640-75R
B#0-100RB#0-PASS



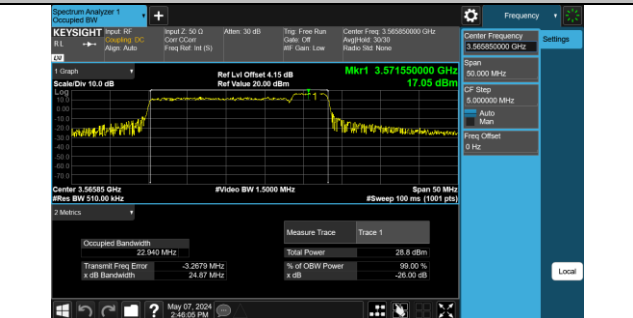
48-48-20MHz-5MHz-QPSK-QPSK-55340-55457-100RB
#0-25RB#0-PASS



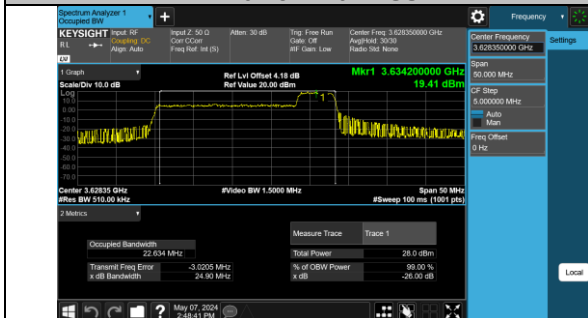
48-48-20MHz-5MHz-QPSK-QPSK-55965-56082-100RB
#0-25RB#0-PASS



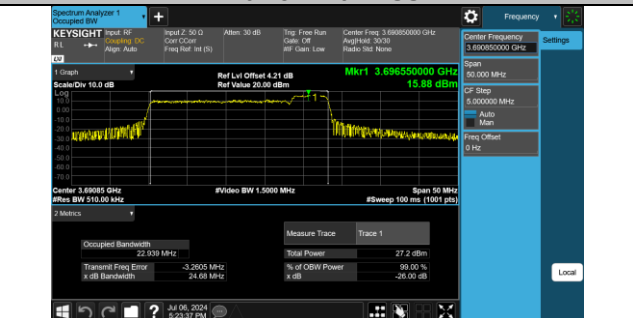
48-48-20MHz-5MHz-QPSK-QPSK-56590-56707-100RB
#0-25RB#0-PASS



48-48-20MHz-5MHz-16QAM-16QAM-55340-55457-100R
B#0-25RB#0-PASS



48-48-20MHz-5MHz-16QAM-16QAM-55965-56082-100R
B#0-25RB#0-PASS



48-48-20MHz-5MHz-16QAM-16QAM-56590-56707-100R
B#0-25RB#0-PASS