

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	Gain (dBi)	E(I)RP (dBm)	Limit (dBm)	Verdict
Band14	5MHz	QPSK	23305	1RB#0	22.83	0.1	20.78	34.8	PASS
Band14	5MHz	QPSK	23305	1RB#12	22.87	0.1	20.82	34.8	PASS
Band14	5MHz	QPSK	23305	1RB#24	22.76	0.1	20.71	34.8	PASS
Band14	5MHz	QPSK	23305	25RB#0	22.15	0.1	20.1	34.8	PASS
Band14	5MHz	QPSK	23330	1RB#0	22.82	0.1	20.77	34.8	PASS
Band14	5MHz	QPSK	23330	1RB#12	22.86	0.1	20.81	34.8	PASS
Band14	5MHz	QPSK	23330	1RB#24	22.74	0.1	20.69	34.8	PASS
Band14	5MHz	QPSK	23330	25RB#0	22.04	0.1	19.99	34.8	PASS
Band14	5MHz	QPSK	23355	1RB#0	22.8	0.1	20.75	34.8	PASS
Band14	5MHz	QPSK	23355	1RB#12	22.81	0.1	20.76	34.8	PASS
Band14	5MHz	QPSK	23355	1RB#24	22.67	0.1	20.62	34.8	PASS
Band14	5MHz	QPSK	23355	25RB#0	22.11	0.1	20.06	34.8	PASS
Band14	5MHz	64QAM	23305	1RB#0	21.26	0.1	19.21	34.8	PASS
Band14	5MHz	64QAM	23305	1RB#12	21.24	0.1	19.19	34.8	PASS
Band14	5MHz	64QAM	23305	1RB#24	21.32	0.1	19.27	34.8	PASS
Band14	5MHz	64QAM	23305	25RB#0	20.17	0.1	18.12	34.8	PASS
Band14	5MHz	64QAM	23330	1RB#0	21.09	0.1	19.04	34.8	PASS
Band14	5MHz	64QAM	23330	1RB#12	21.23	0.1	19.18	34.8	PASS
Band14	5MHz	64QAM	23330	1RB#24	20.99	0.1	18.94	34.8	PASS
Band14	5MHz	64QAM	23330	25RB#0	20.02	0.1	17.97	34.8	PASS
Band14	5MHz	64QAM	23355	1RB#0	21.05	0.1	19	34.8	PASS
Band14	5MHz	64QAM	23355	1RB#12	21.08	0.1	19.03	34.8	PASS
Band14	5MHz	64QAM	23355	1RB#24	21.02	0.1	18.97	34.8	PASS
Band14	5MHz	64QAM	23355	25RB#0	20.1	0.1	18.05	34.8	PASS
Band14	5MHz	256QAM	23305	1RB#0	17.91	0.1	15.86	34.8	PASS
Band14	5MHz	256QAM	23305	1RB#12	18.51	0.1	16.46	34.8	PASS
Band14	5MHz	256QAM	23305	1RB#24	18.12	0.1	16.07	34.8	PASS
Band14	5MHz	256QAM	23305	25RB#0	18.11	0.1	16.06	34.8	PASS
Band14	5MHz	256QAM	23330	1RB#0	18.15	0.1	16.1	34.8	PASS
Band14	5MHz	256QAM	23330	1RB#12	18.23	0.1	16.18	34.8	PASS
Band14	5MHz	256QAM	23330	1RB#24	18.03	0.1	15.98	34.8	PASS
Band14	5MHz	256QAM	23330	25RB#0	18.02	0.1	15.97	34.8	PASS
Band14	5MHz	256QAM	23355	1RB#0	18	0.1	15.95	34.8	PASS
Band14	5MHz	256QAM	23355	1RB#12	18.11	0.1	16.06	34.8	PASS

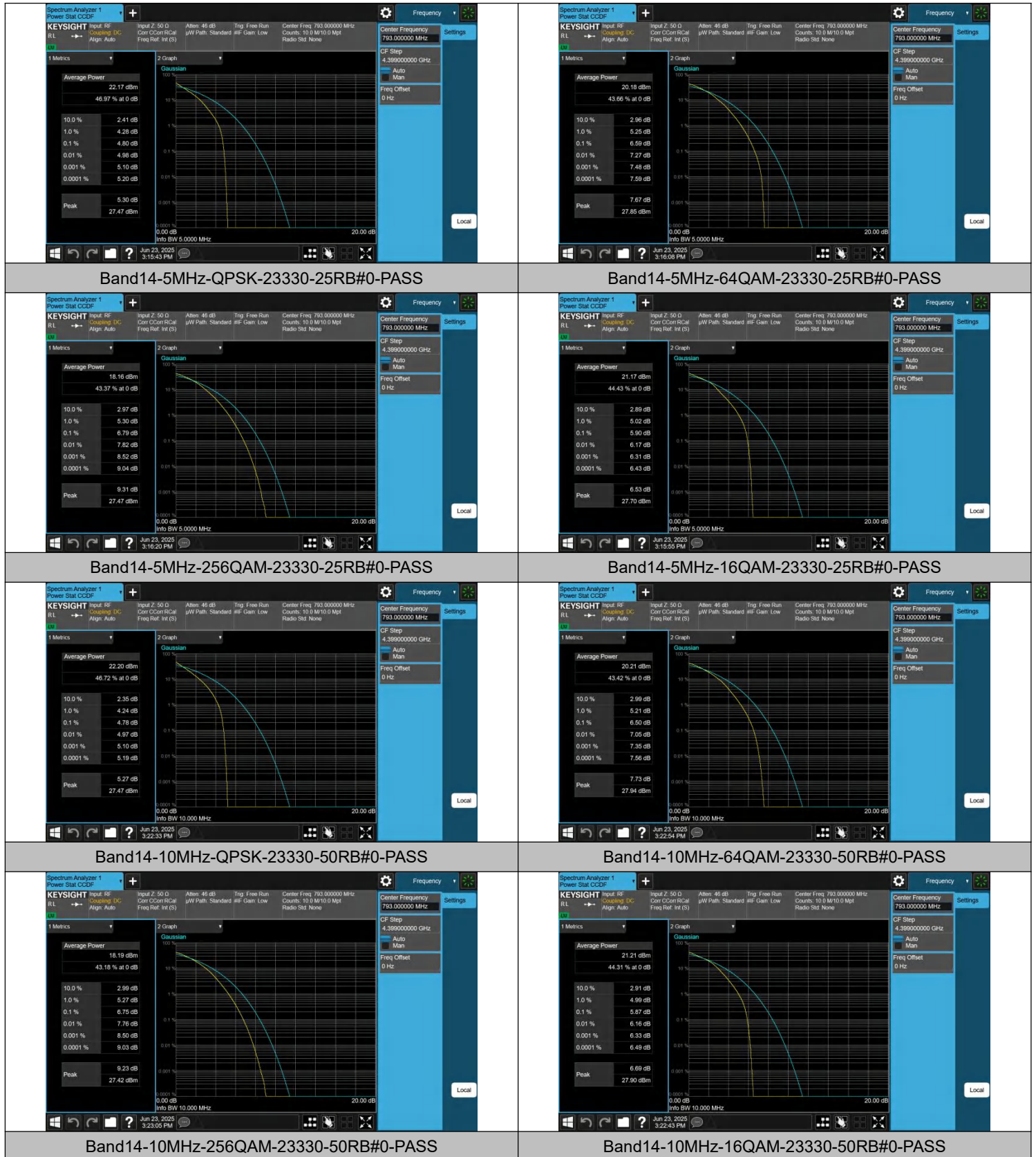
Band14	5MHz	256QAM	23355	1RB#24	18.01	0.1	15.96	34.8	PASS
Band14	5MHz	256QAM	23355	25RB#0	18.08	0.1	16.03	34.8	PASS
Band14	5MHz	16QAM	23305	1RB#0	22.15	0.1	20.1	34.8	PASS
Band14	5MHz	16QAM	23305	1RB#12	22.23	0.1	20.18	34.8	PASS
Band14	5MHz	16QAM	23305	1RB#24	22.08	0.1	20.03	34.8	PASS
Band14	5MHz	16QAM	23305	25RB#0	21.11	0.1	19.06	34.8	PASS
Band14	5MHz	16QAM	23330	1RB#0	22.3	0.1	20.25	34.8	PASS
Band14	5MHz	16QAM	23330	1RB#12	22.11	0.1	20.06	34.8	PASS
Band14	5MHz	16QAM	23330	1RB#24	22.09	0.1	20.04	34.8	PASS
Band14	5MHz	16QAM	23330	25RB#0	21.03	0.1	18.98	34.8	PASS
Band14	5MHz	16QAM	23355	1RB#0	22.17	0.1	20.12	34.8	PASS
Band14	5MHz	16QAM	23355	1RB#12	22.04	0.1	19.99	34.8	PASS
Band14	5MHz	16QAM	23355	1RB#24	22.01	0.1	19.96	34.8	PASS
Band14	5MHz	16QAM	23355	25RB#0	21.08	0.1	19.03	34.8	PASS
Band14	10MHz	QPSK	23330	1RB#0	22.76	0.1	20.71	34.8	PASS
Band14	10MHz	QPSK	23330	1RB#24	22.8	0.1	20.75	34.8	PASS
Band14	10MHz	QPSK	23330	1RB#49	22.67	0.1	20.62	34.8	PASS
Band14	10MHz	QPSK	23330	50RB#0	22.05	0.1	20	34.8	PASS
Band14	10MHz	64QAM	23330	1RB#0	21.15	0.1	19.1	34.8	PASS
Band14	10MHz	64QAM	23330	1RB#24	21.06	0.1	19.01	34.8	PASS
Band14	10MHz	64QAM	23330	1RB#49	21.01	0.1	18.96	34.8	PASS
Band14	10MHz	64QAM	23330	50RB#0	20.06	0.1	18.01	34.8	PASS
Band14	10MHz	256QAM	23330	1RB#0	17.96	0.1	15.91	34.8	PASS
Band14	10MHz	256QAM	23330	1RB#24	18.12	0.1	16.07	34.8	PASS
Band14	10MHz	256QAM	23330	1RB#49	18	0.1	15.95	34.8	PASS
Band14	10MHz	256QAM	23330	50RB#0	18	0.1	15.95	34.8	PASS
Band14	10MHz	16QAM	23330	1RB#0	22.04	0.1	19.99	34.8	PASS
Band14	10MHz	16QAM	23330	1RB#24	22.18	0.1	20.13	34.8	PASS
Band14	10MHz	16QAM	23330	1RB#49	21.82	0.1	19.77	34.8	PASS
Band14	10MHz	16QAM	23330	50RB#0	21.13	0.1	19.08	34.8	PASS

Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band14	5MHz	QPSK	23330	25RB#0	4.80	13	PASS
Band14	5MHz	64QAM	23330	25RB#0	6.59	13	PASS
Band14	5MHz	256QAM	23330	25RB#0	6.79	13	PASS
Band14	5MHz	16QAM	23330	25RB#0	5.90	13	PASS
Band14	10MHz	QPSK	23330	50RB#0	4.78	13	PASS
Band14	10MHz	64QAM	23330	50RB#0	6.50	13	PASS
Band14	10MHz	256QAM	23330	50RB#0	6.75	13	PASS
Band14	10MHz	16QAM	23330	50RB#0	5.87	13	PASS

Test Graphs

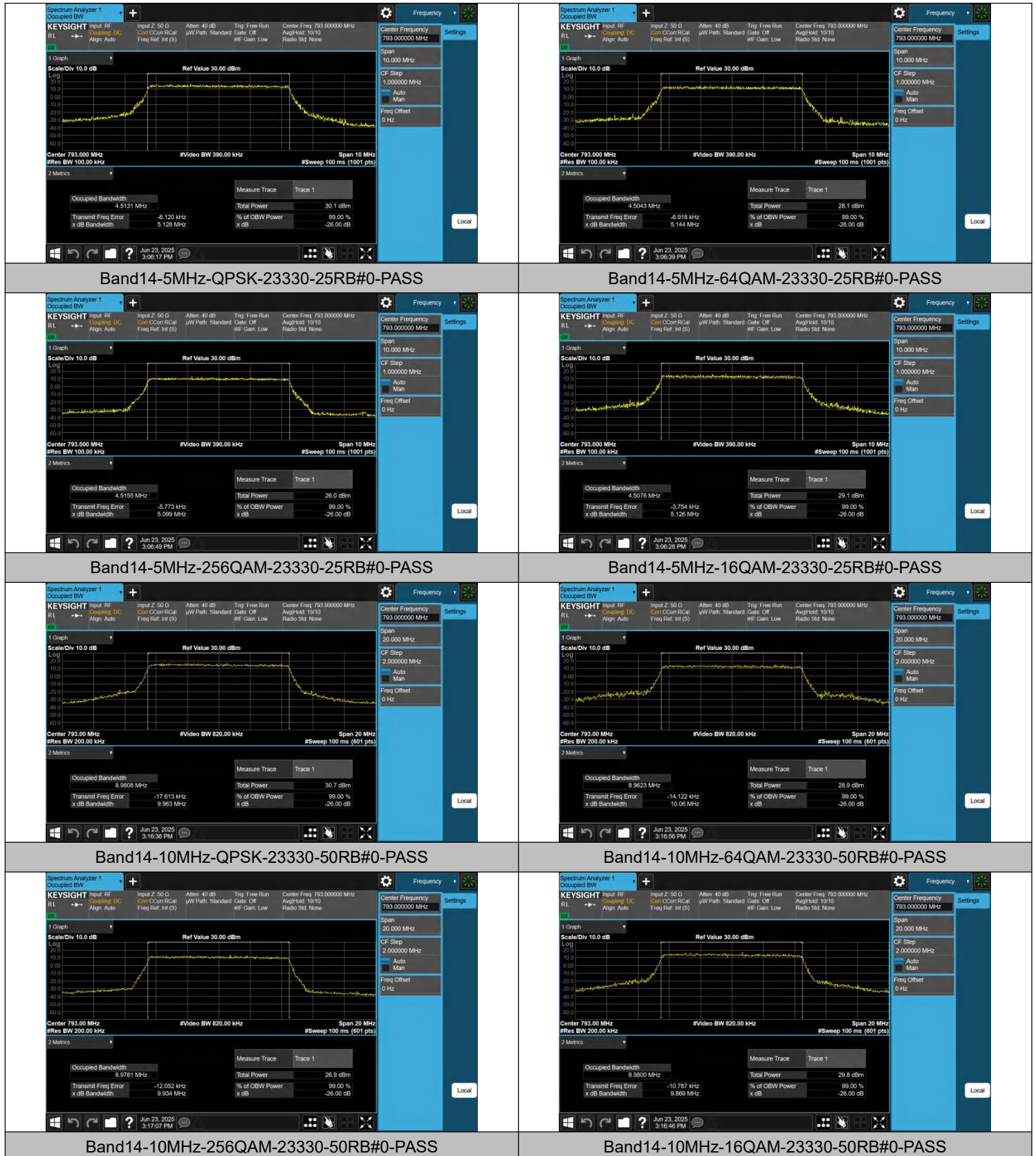


26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band14	5MHz	QPSK	23330	25RB#0	4.5131	5.128	PASS
Band14	5MHz	64QAM	23330	25RB#0	4.5043	5.144	PASS
Band14	5MHz	256QAM	23330	25RB#0	4.5155	5.099	PASS
Band14	5MHz	16QAM	23330	25RB#0	4.5076	5.126	PASS
Band14	10MHz	QPSK	23330	50RB#0	8.9808	9.963	PASS
Band14	10MHz	64QAM	23330	50RB#0	8.9623	10.06	PASS
Band14	10MHz	256QAM	23330	50RB#0	8.9781	9.934	PASS
Band14	10MHz	16QAM	23330	50RB#0	8.9800	9.869	PASS

Test Graphs



Spectrum emission mask

Test Result

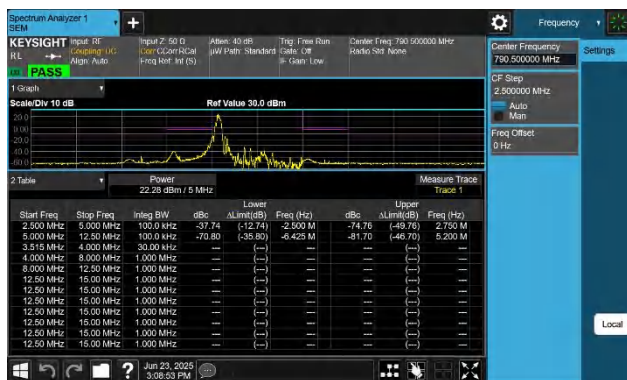
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result(dBm)	Margin(dB)	Limit(dBm)	Verdict
Band14	5MHz	QPSK	23305	1RB#0	784.07	-70.8	35.80	≤-35	PASS
Band14	5MHz	QPSK	23305	1RB#0	788.00	-37.74	12.74	≤-25	PASS
Band14	5MHz	QPSK	23305	1RB#0	793.25	-74.76	49.76	≤-25	PASS
Band14	5MHz	QPSK	23305	1RB#0	795.70	-81.71	46.70	≤-35	PASS
Band14	5MHz	QPSK	23305	1RB#24	781.70	-83.22	48.22	≤-35	PASS
Band14	5MHz	QPSK	23305	1RB#24	787.94	-73.73	48.72	≤-25	PASS
Band14	5MHz	QPSK	23305	1RB#24	793.00	-39.5	14.50	≤-25	PASS
Band14	5MHz	QPSK	23305	1RB#24	796.18	-74.22	39.22	≤-35	PASS
Band14	5MHz	QPSK	23305	25RB#0	785.35	-59.9	24.90	≤-35	PASS
Band14	5MHz	QPSK	23305	25RB#0	787.97	-43.73	18.73	≤-25	PASS
Band14	5MHz	QPSK	23305	25RB#0	793.01	-44.6	19.61	≤-25	PASS
Band14	5MHz	QPSK	23305	25RB#0	796.00	-65.26	30.26	≤-35	PASS
Band14	5MHz	QPSK	23355	1RB#0	789.12	-70.05	35.05	≤-35	PASS
Band14	5MHz	QPSK	23355	1RB#0	792.97	-41.53	16.53	≤-25	PASS
Band14	5MHz	QPSK	23355	1RB#0	798.21	-77.88	52.88	≤-25	PASS
Band14	5MHz	QPSK	23355	1RB#0	800.60	-84.65	49.65	≤-35	PASS
Band14	5MHz	QPSK	23355	1RB#24	790.37	-81.33	46.33	≤-35	PASS
Band14	5MHz	QPSK	23355	1RB#24	792.90	-73.4	48.40	≤-25	PASS
Band14	5MHz	QPSK	23355	1RB#24	798.00	-41.34	16.34	≤-25	PASS
Band14	5MHz	QPSK	23355	1RB#24	802.38	-74.85	39.85	≤-35	PASS
Band14	5MHz	QPSK	23355	25RB#0	790.42	-58.68	23.68	≤-35	PASS
Band14	5MHz	QPSK	23355	25RB#0	792.99	-42.34	17.34	≤-25	PASS
Band14	5MHz	QPSK	23355	25RB#0	798.00	-43.4	18.40	≤-25	PASS
Band14	5MHz	QPSK	23355	25RB#0	800.50	-66.28	31.28	≤-35	PASS
Band14	5MHz	64QAM	23305	1RB#0	783.55	-73.36	38.36	≤-35	PASS
Band14	5MHz	64QAM	23305	1RB#0	788.00	-38.66	13.66	≤-25	PASS
Band14	5MHz	64QAM	23305	1RB#0	793.24	-72.61	47.61	≤-25	PASS
Band14	5MHz	64QAM	23305	1RB#0	795.60	-79.91	44.92	≤-35	PASS
Band14	5MHz	64QAM	23305	1RB#24	785.35	-78.81	43.81	≤-35	PASS
Band14	5MHz	64QAM	23305	1RB#24	787.84	-72.82	47.82	≤-25	PASS
Band14	5MHz	64QAM	23305	1RB#24	793.00	-38.04	13.04	≤-25	PASS
Band14	5MHz	64QAM	23305	1RB#24	797.45	-74.34	39.34	≤-35	PASS
Band14	5MHz	64QAM	23305	25RB#0	785.25	-60.37	25.37	≤-35	PASS
Band14	5MHz	64QAM	23305	25RB#0	787.94	-44.34	19.34	≤-25	PASS

Band14	5MHz	64QAM	23305	25RB#0	793.00	-44.24	19.25	≤-25	PASS
Band14	5MHz	64QAM	23305	25RB#0	795.65	-62.76	27.76	≤-35	PASS
Band14	5MHz	64QAM	23355	1RB#0	788.52	-74.44	39.44	≤-35	PASS
Band14	5MHz	64QAM	23355	1RB#0	793.00	-36.41	11.41	≤-25	PASS
Band14	5MHz	64QAM	23355	1RB#0	798.10	-73.43	48.43	≤-25	PASS
Band14	5MHz	64QAM	23355	1RB#0	800.53	-81.79	46.79	≤-35	PASS
Band14	5MHz	64QAM	23355	1RB#24	790.02	-81.04	46.04	≤-35	PASS
Band14	5MHz	64QAM	23355	1RB#24	792.91	-72.85	47.85	≤-25	PASS
Band14	5MHz	64QAM	23355	1RB#24	798.00	-38.83	13.83	≤-25	PASS
Band14	5MHz	64QAM	23355	1RB#24	802.40	-76.75	41.74	≤-35	PASS
Band14	5MHz	64QAM	23355	25RB#0	790.50	-58.01	23.01	≤-35	PASS
Band14	5MHz	64QAM	23355	25RB#0	792.99	-42.46	17.47	≤-25	PASS
Band14	5MHz	64QAM	23355	25RB#0	798.00	-45.15	20.15	≤-25	PASS
Band14	5MHz	64QAM	23355	25RB#0	801.23	-64.5	29.51	≤-35	PASS
Band14	5MHz	256QAM	23305	1RB#0	783.55	-71.63	36.64	≤-35	PASS
Band14	5MHz	256QAM	23305	1RB#0	787.97	-40.46	15.47	≤-25	PASS
Band14	5MHz	256QAM	23305	1RB#0	793.14	-72.34	47.34	≤-25	PASS
Band14	5MHz	256QAM	23305	1RB#0	797.63	-76.49	41.49	≤-35	PASS
Band14	5MHz	256QAM	23305	1RB#24	780.40	-77.7	42.70	≤-35	PASS
Band14	5MHz	256QAM	23305	1RB#24	787.89	-72.83	47.83	≤-25	PASS
Band14	5MHz	256QAM	23305	1RB#24	793.00	-39	14.00	≤-25	PASS
Band14	5MHz	256QAM	23305	1RB#24	797.48	-73.86	38.86	≤-35	PASS
Band14	5MHz	256QAM	23305	25RB#0	785.02	-59.8	24.81	≤-35	PASS
Band14	5MHz	256QAM	23305	25RB#0	787.99	-41.44	16.44	≤-25	PASS
Band14	5MHz	256QAM	23305	25RB#0	793.01	-44.26	19.27	≤-25	PASS
Band14	5MHz	256QAM	23305	25RB#0	795.75	-61.24	26.25	≤-35	PASS
Band14	5MHz	256QAM	23355	1RB#0	788.47	-73.99	38.99	≤-35	PASS
Band14	5MHz	256QAM	23355	1RB#0	793.00	-39.32	14.32	≤-25	PASS
Band14	5MHz	256QAM	23355	1RB#0	798.14	-74.6	49.60	≤-25	PASS
Band14	5MHz	256QAM	23355	1RB#0	800.60	-78.38	43.39	≤-35	PASS
Band14	5MHz	256QAM	23355	1RB#24	790.40	-76.43	41.43	≤-35	PASS
Band14	5MHz	256QAM	23355	1RB#24	792.89	-70.74	45.74	≤-25	PASS
Band14	5MHz	256QAM	23355	1RB#24	798.00	-39.91	14.91	≤-25	PASS
Band14	5MHz	256QAM	23355	1RB#24	802.45	-73.43	38.43	≤-35	PASS
Band14	5MHz	256QAM	23355	25RB#0	790.50	-58.9	23.90	≤-35	PASS
Band14	5MHz	256QAM	23355	25RB#0	792.97	-42.24	17.24	≤-25	PASS
Band14	5MHz	256QAM	23355	25RB#0	798.00	-43.19	18.20	≤-25	PASS
Band14	5MHz	256QAM	23355	25RB#0	800.83	-62.59	27.60	≤-35	PASS
Band14	5MHz	16QAM	23305	1RB#0	783.47	-73.71	38.71	≤-35	PASS
Band14	5MHz	16QAM	23305	1RB#0	788.00	-38.18	13.18	≤-25	PASS
Band14	5MHz	16QAM	23305	1RB#0	793.11	-71.35	46.35	≤-25	PASS

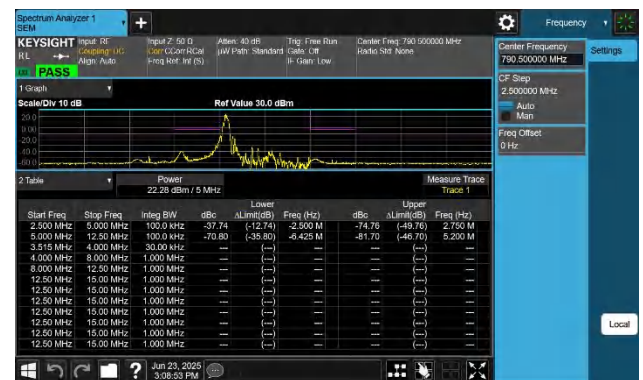
Band14	5MHz	16QAM	23305	1RB#0	801.38	-79.8	44.80	≤-35	PASS
Band14	5MHz	16QAM	23305	1RB#24	785.37	-80.45	45.45	≤-35	PASS
Band14	5MHz	16QAM	23305	1RB#24	787.60	-72.75	47.75	≤-25	PASS
Band14	5MHz	16QAM	23305	1RB#24	793.03	-39.34	14.34	≤-25	PASS
Band14	5MHz	16QAM	23305	1RB#24	797.35	-73.84	38.84	≤-35	PASS
Band14	5MHz	16QAM	23305	25RB#0	785.40	-57.44	22.43	≤-35	PASS
Band14	5MHz	16QAM	23305	25RB#0	787.97	-40.96	15.96	≤-25	PASS
Band14	5MHz	16QAM	23305	25RB#0	793.00	-42.43	17.43	≤-25	PASS
Band14	5MHz	16QAM	23305	25RB#0	795.55	-60.96	25.96	≤-35	PASS
Band14	5MHz	16QAM	23355	1RB#0	789.07	-71.11	36.10	≤-35	PASS
Band14	5MHz	16QAM	23355	1RB#0	792.99	-36.43	11.43	≤-25	PASS
Band14	5MHz	16QAM	23355	1RB#0	798.10	-73.28	48.28	≤-25	PASS
Band14	5MHz	16QAM	23355	1RB#0	800.95	-79.65	44.65	≤-35	PASS
Band14	5MHz	16QAM	23355	1RB#24	788.55	-82.41	47.41	≤-35	PASS
Band14	5MHz	16QAM	23355	1RB#24	792.91	-73.91	48.91	≤-25	PASS
Band14	5MHz	16QAM	23355	1RB#24	798.00	-40.21	15.21	≤-25	PASS
Band14	5MHz	16QAM	23355	1RB#24	802.38	-76.45	41.44	≤-35	PASS
Band14	5MHz	16QAM	23355	25RB#0	790.35	-58.97	23.96	≤-35	PASS
Band14	5MHz	16QAM	23355	25RB#0	793.00	-42.62	17.62	≤-25	PASS
Band14	5MHz	16QAM	23355	25RB#0	798.00	-44.94	19.94	≤-25	PASS
Band14	5MHz	16QAM	23355	25RB#0	800.65	-65.16	30.16	≤-35	PASS
Band14	10MHz	QPSK	23330	1RB#0	778.27	-76.39	41.38	≤-35	PASS
Band14	10MHz	QPSK	23330	1RB#0	788.00	-53.61	28.61	≤-25	PASS
Band14	10MHz	QPSK	23330	1RB#0	799.33	-77.08	52.08	≤-25	PASS
Band14	10MHz	QPSK	23330	1RB#0	804.08	-83.53	48.53	≤-35	PASS
Band14	10MHz	QPSK	23330	1RB#49	779.40	-83.3	48.30	≤-35	PASS
Band14	10MHz	QPSK	23330	1RB#49	787.35	-73.46	48.46	≤-25	PASS
Band14	10MHz	QPSK	23330	1RB#49	798.00	-54.46	29.45	≤-25	PASS
Band14	10MHz	QPSK	23330	1RB#49	803.48	-79.8	44.80	≤-35	PASS
Band14	10MHz	QPSK	23330	50RB#0	782.55	-65.12	30.12	≤-35	PASS
Band14	10MHz	QPSK	23330	50RB#0	788.00	-47.7	22.70	≤-25	PASS
Band14	10MHz	QPSK	23330	50RB#0	798.00	-49.71	24.71	≤-25	PASS
Band14	10MHz	QPSK	23330	50RB#0	803.30	-64.98	29.98	≤-35	PASS
Band14	10MHz	64QAM	23330	1RB#0	781.80	-79.17	44.17	≤-35	PASS
Band14	10MHz	64QAM	23330	1RB#0	788.00	-53.17	28.17	≤-25	PASS
Band14	10MHz	64QAM	23330	1RB#0	801.43	-80.08	55.08	≤-25	PASS
Band14	10MHz	64QAM	23330	1RB#0	808.25	-79.98	44.98	≤-35	PASS
Band14	10MHz	64QAM	23330	1RB#49	775.30	-79.73	44.73	≤-35	PASS
Band14	10MHz	64QAM	23330	1RB#49	787.10	-79.24	54.25	≤-25	PASS
Band14	10MHz	64QAM	23330	1RB#49	798.00	-52.19	27.19	≤-25	PASS
Band14	10MHz	64QAM	23330	1RB#49	803.58	-78.88	43.89	≤-35	PASS

Band14	10MHz	64QAM	23330	50RB#0	782.55	-64.71	29.71	≤-35	PASS
Band14	10MHz	64QAM	23330	50RB#0	788.00	-48.71	23.71	≤-25	PASS
Band14	10MHz	64QAM	23330	50RB#0	798.05	-52.6	27.59	≤-25	PASS
Band14	10MHz	64QAM	23330	50RB#0	803.23	-65.94	30.93	≤-35	PASS
Band14	10MHz	256QAM	23330	1RB#0	772.20	-77.74	42.74	≤-35	PASS
Band14	10MHz	256QAM	23330	1RB#0	788.00	-50.98	25.98	≤-25	PASS
Band14	10MHz	256QAM	23330	1RB#0	798.83	-78.04	53.03	≤-25	PASS
Band14	10MHz	256QAM	23330	1RB#0	805.25	-77.95	42.94	≤-35	PASS
Band14	10MHz	256QAM	23330	1RB#49	780.32	-74.53	39.53	≤-35	PASS
Band14	10MHz	256QAM	23330	1RB#49	784.15	-72.89	47.90	≤-25	PASS
Band14	10MHz	256QAM	23330	1RB#49	798.00	-49.16	24.16	≤-25	PASS
Band14	10MHz	256QAM	23330	1RB#49	803.63	-75.07	40.07	≤-35	PASS
Band14	10MHz	256QAM	23330	50RB#0	782.65	-63.19	28.19	≤-35	PASS
Band14	10MHz	256QAM	23330	50RB#0	787.97	-50.09	25.09	≤-25	PASS
Band14	10MHz	256QAM	23330	50RB#0	798.03	-52.53	27.53	≤-25	PASS
Band14	10MHz	256QAM	23330	50RB#0	803.35	-66.73	31.74	≤-35	PASS
Band14	10MHz	16QAM	23330	1RB#0	780.30	-77.02	42.02	≤-35	PASS
Band14	10MHz	16QAM	23330	1RB#0	788.00	-47.38	22.37	≤-25	PASS
Band14	10MHz	16QAM	23330	1RB#0	801.13	-73.78	48.78	≤-25	PASS
Band14	10MHz	16QAM	23330	1RB#0	811.23	-80.88	45.88	≤-35	PASS
Band14	10MHz	16QAM	23330	1RB#49	773.90	-79.81	44.82	≤-35	PASS
Band14	10MHz	16QAM	23330	1RB#49	787.02	-67.94	42.95	≤-25	PASS
Band14	10MHz	16QAM	23330	1RB#49	798.00	-50.59	25.59	≤-25	PASS
Band14	10MHz	16QAM	23330	1RB#49	805.18	-77.59	42.60	≤-35	PASS
Band14	10MHz	16QAM	23330	50RB#0	782.67	-65.81	30.81	≤-35	PASS
Band14	10MHz	16QAM	23330	50RB#0	788.00	-49.86	24.86	≤-25	PASS
Band14	10MHz	16QAM	23330	50RB#0	798.08	-52.69	27.69	≤-25	PASS
Band14	10MHz	16QAM	23330	50RB#0	803.05	-65.9	30.90	≤-35	PASS

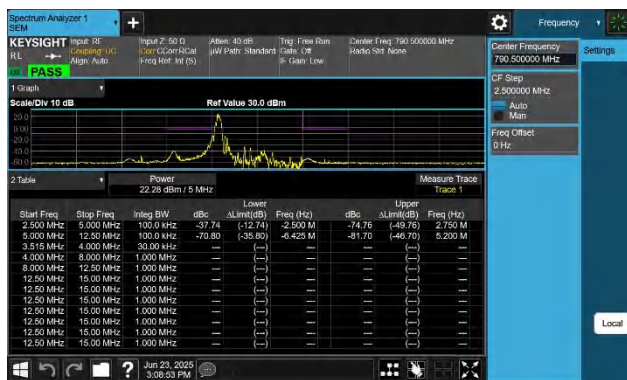
Test Graphs



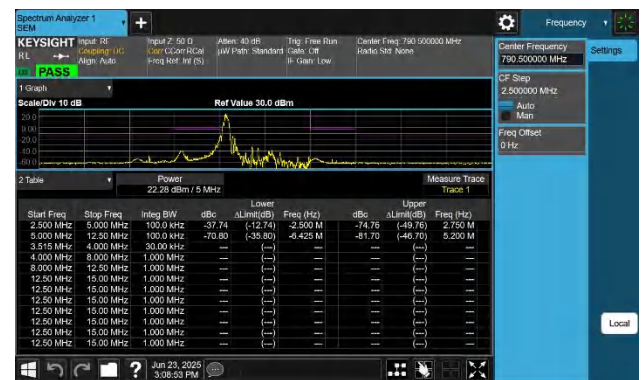
NTNV-Band14-5MHz-QPSK-23305-1RB#0--12.50--5.00-PASS



NTNV-Band14-5MHz-QPSK-23305-1RB#0--5.00--2.50-PASS



NTNV-Band14-5MHz-QPSK-23305-1RB#0-2.50-5.00-PASS



NTNV-Band14-5MHz-QPSK-23305-1RB#0-5.00-12.50-PASS



NTNV-Band14-5MHz-QPSK-23305-1RB#24--12.50--5.00-PASS



NTNV-Band14-5MHz-QPSK-23305-1RB#24--5.00--2.50-PASS



NTNV-Band14-5MHz-QPSK-23305-1RB#24--2.50-2.50-PASS



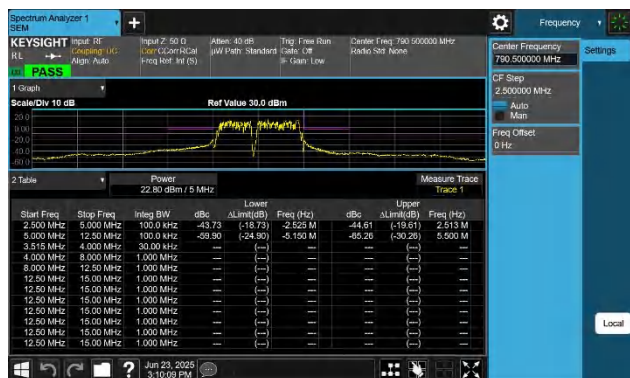
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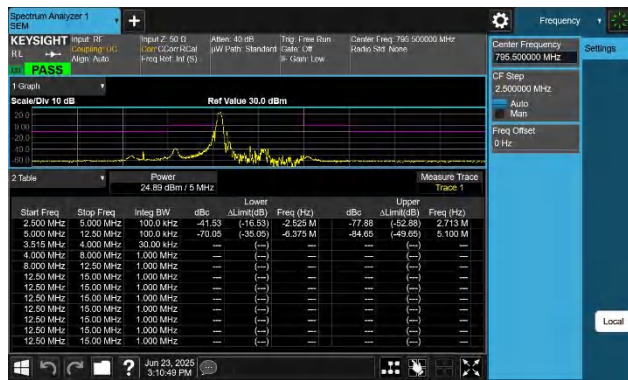
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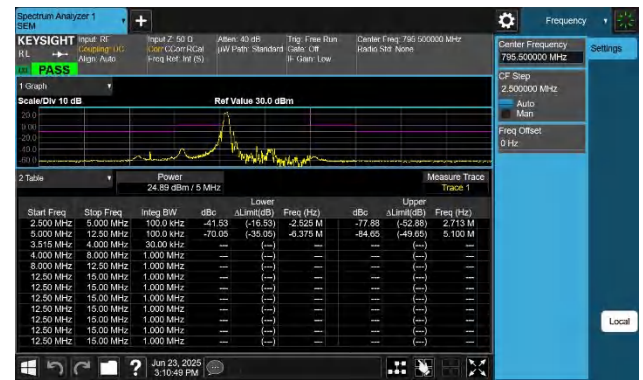
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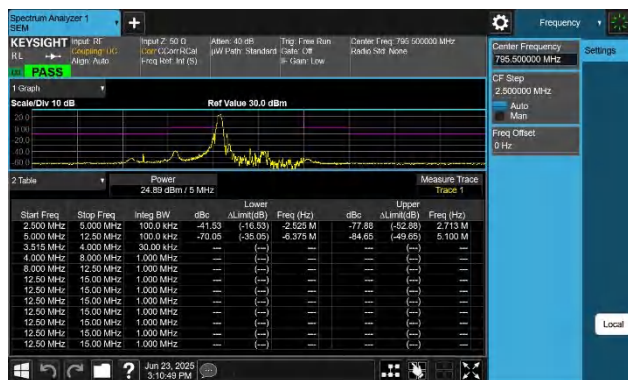
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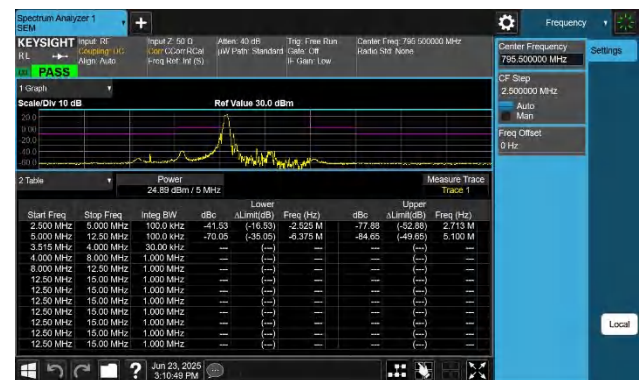
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NTNV-Band14-5MHz-QPSK-23355-1RB#0--5.00--2.50-PASS



NTNV-Band14-5MHz-QPSK-23355-1RB#0-2.50-5.00-PASS



NTNV-Band14-5MHz-QPSK-23355-1RB#0-5.00-12.50-PASS



NTNV-Band14-5MHz-QPSK-23355-1RB#24--12.50--5.00-PASS



NTNV-Band14-5MHz-QPSK-23355-1RB#24--5.00--2.50-PASS



NTNV-Band14-5MHz-QPSK-23355-1RB#24--2.50-2.50-PASS



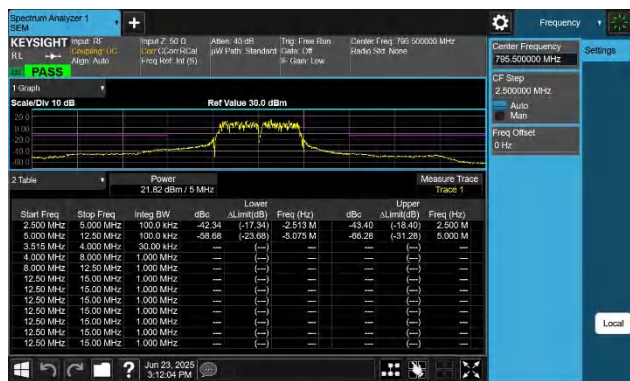
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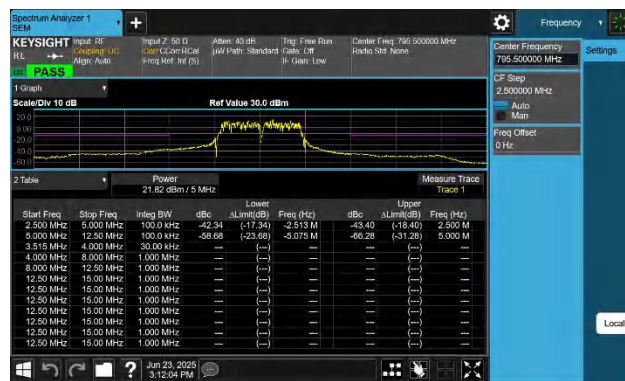
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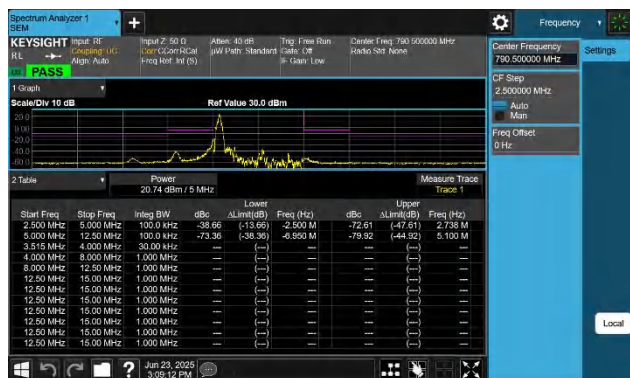
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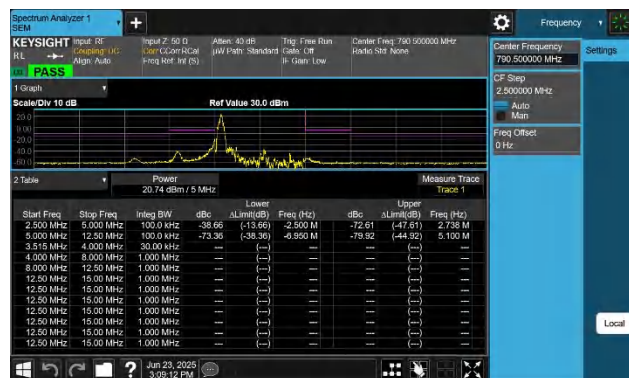
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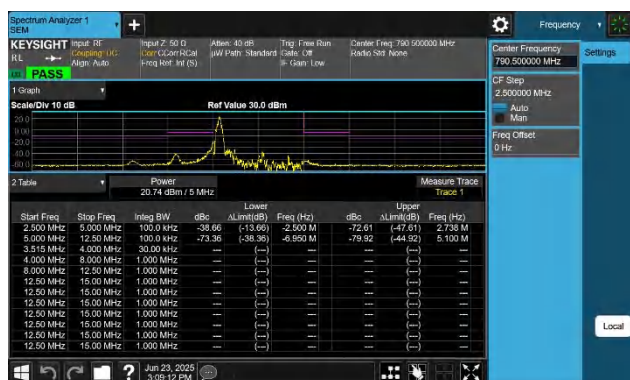
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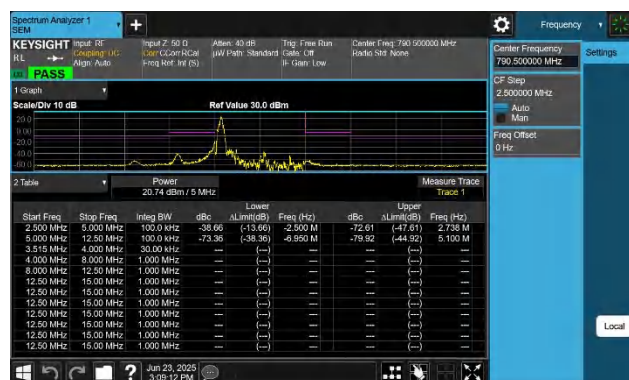
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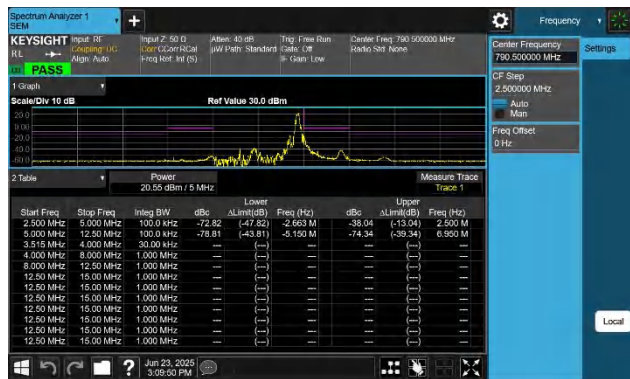
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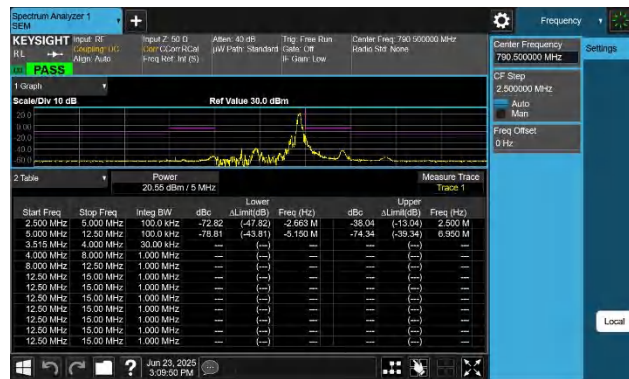
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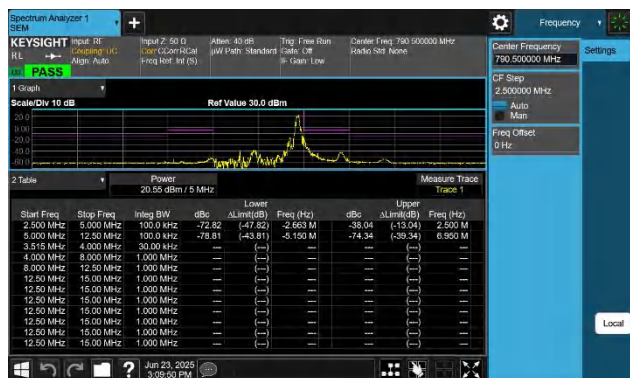
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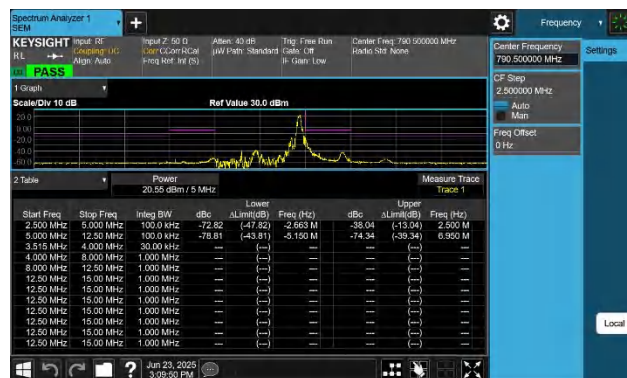
NTNV-Band14-5MHz-64QAM-23305-1RB#24--12.50--5.00-PASS



NTNV-Band14-5MHz-64QAM-23305-1RB#24--5.00--2.50-PASS



NTNV-Band14-5MHz-64QAM-23305-1RB#24--2.50-2.50-PASS



NTNV-Band14-5MHz-64QAM-23305-1RB#24-5.00-12.50-PASS



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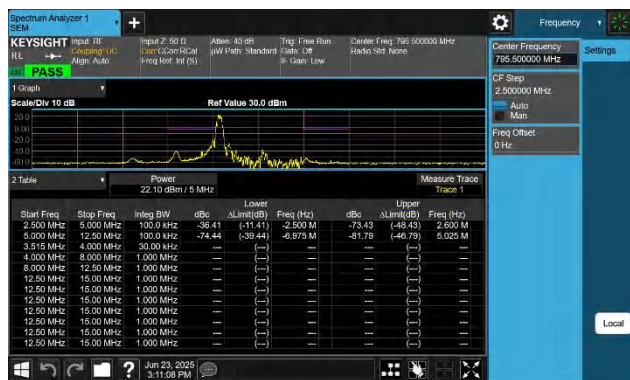
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NTNV-Band14-5MHz-64QAM-23305-25RB#0-5.00-12.50-PASS



NTNV-Band14-5MHz-64QAM-23355-1RB#0--12.50--5.00-PASS



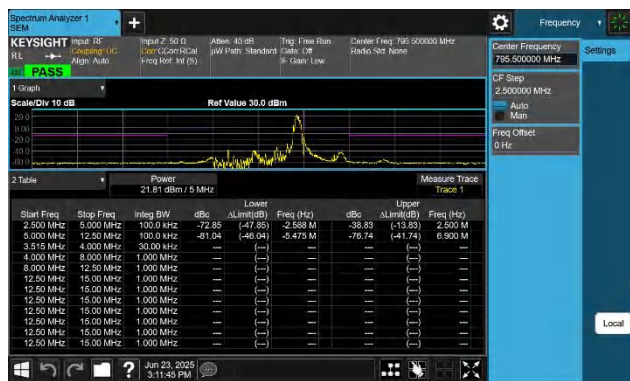
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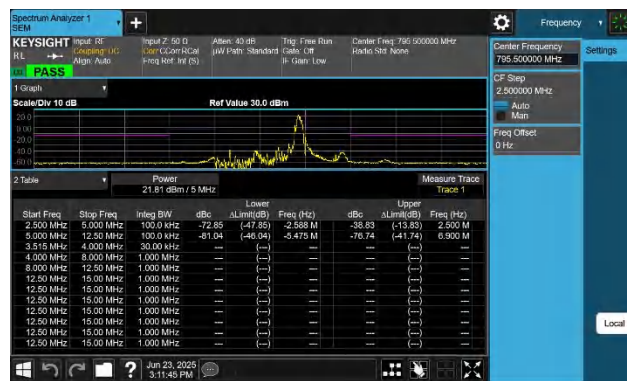
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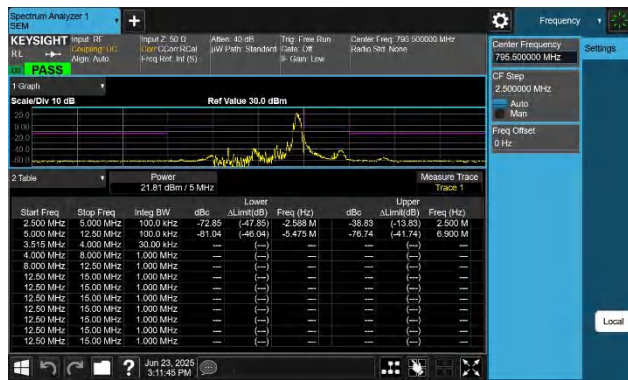
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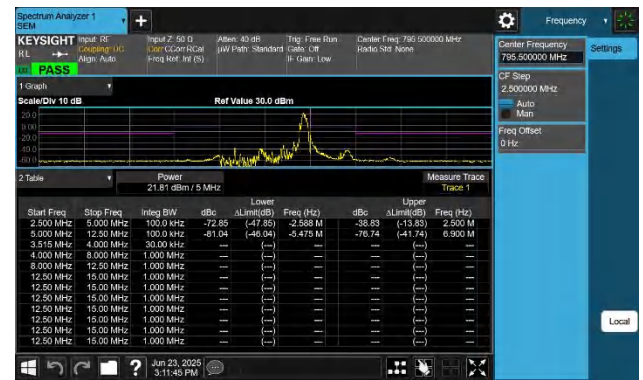
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NTNV-Band14-5MHz-64QAM-23355-1RB#24--2.50-2.50-PASS



NTNV-Band14-5MHz-64QAM-23355-1RB#24-5.00-12.50-PASS



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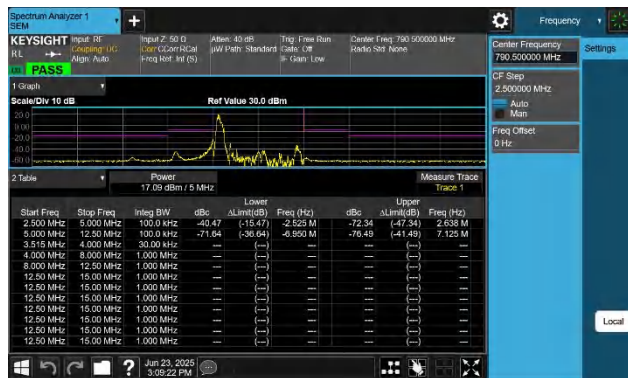
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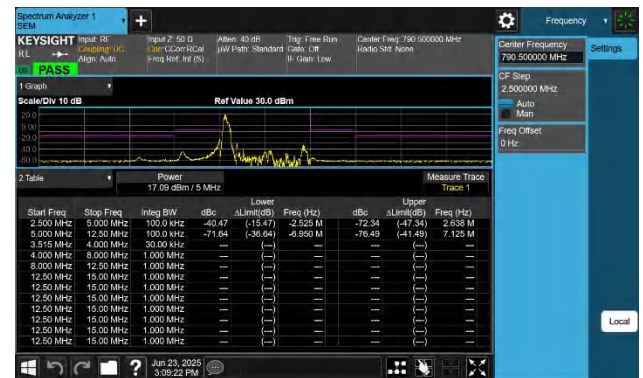
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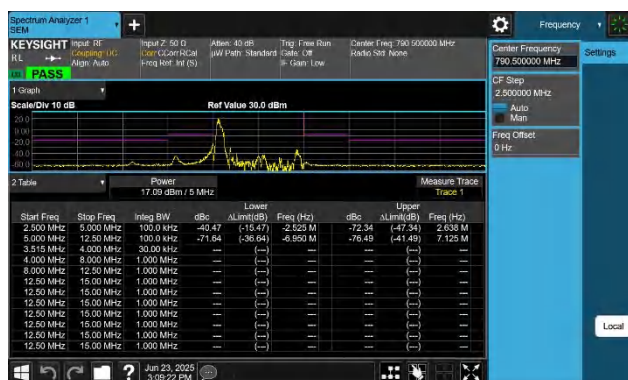
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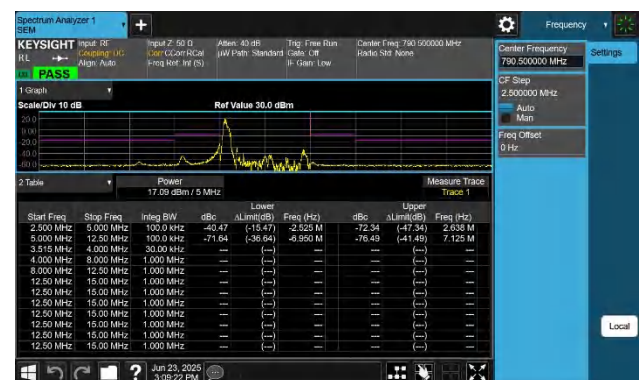
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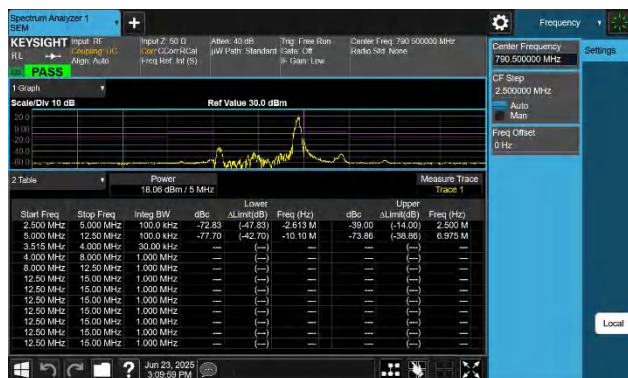
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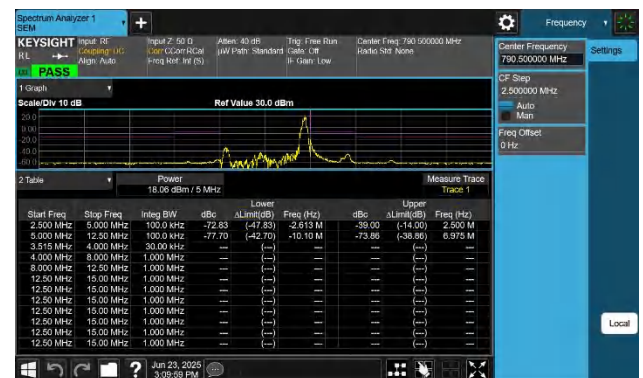
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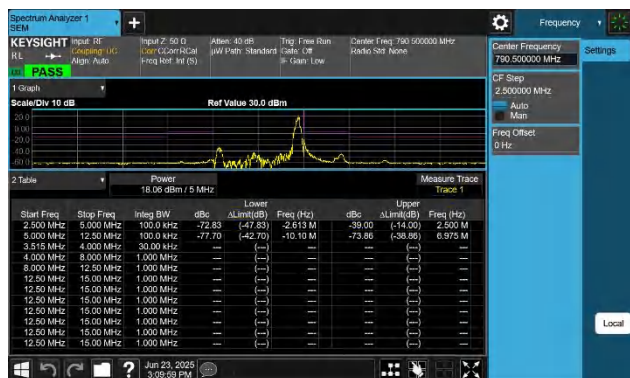
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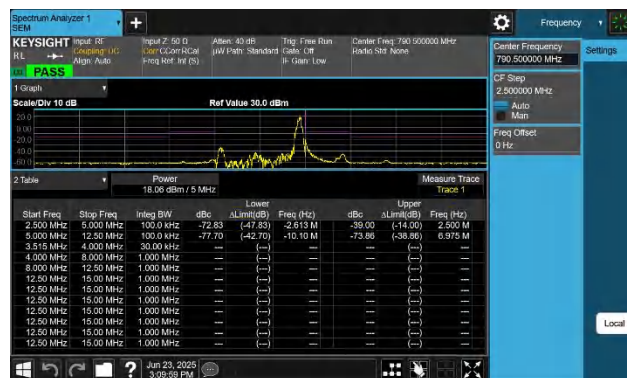
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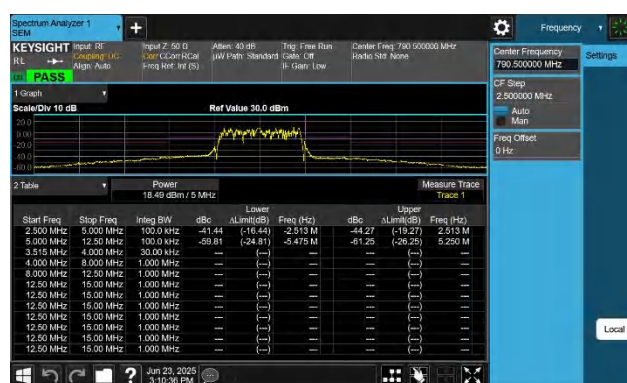
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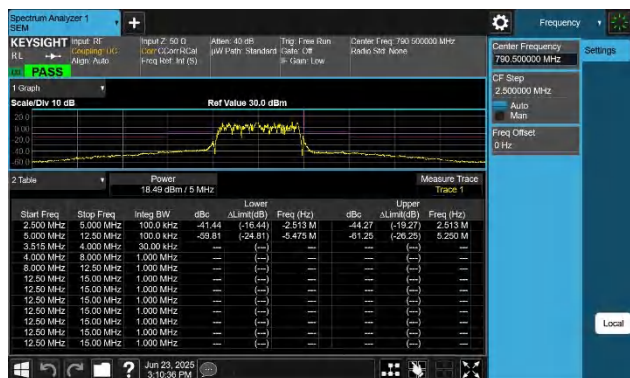
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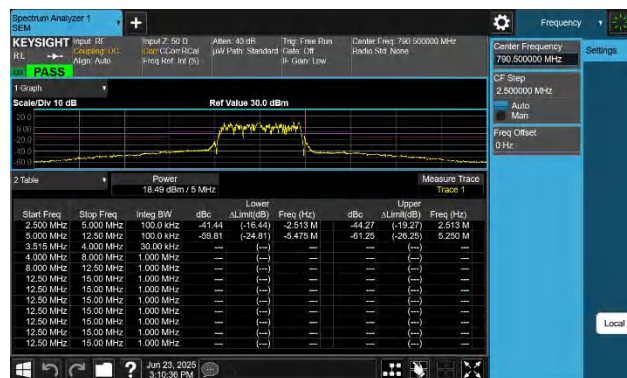
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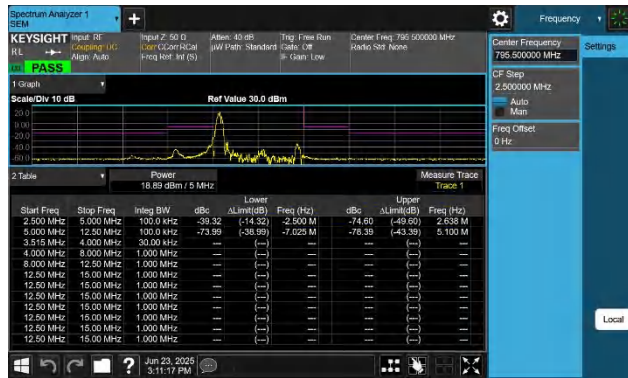
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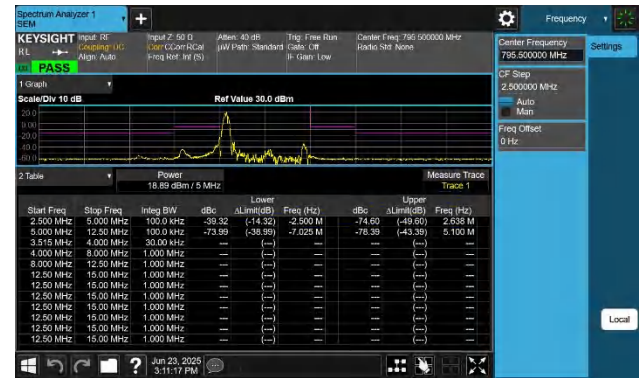
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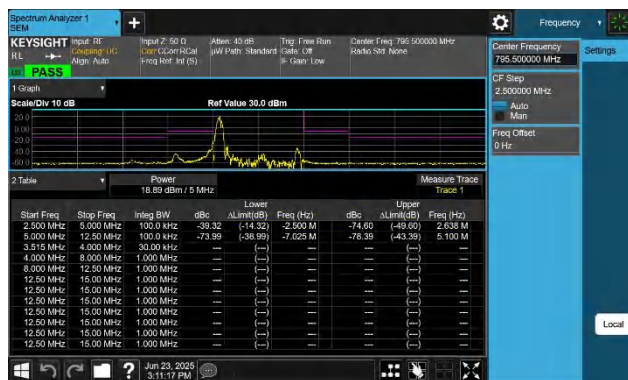
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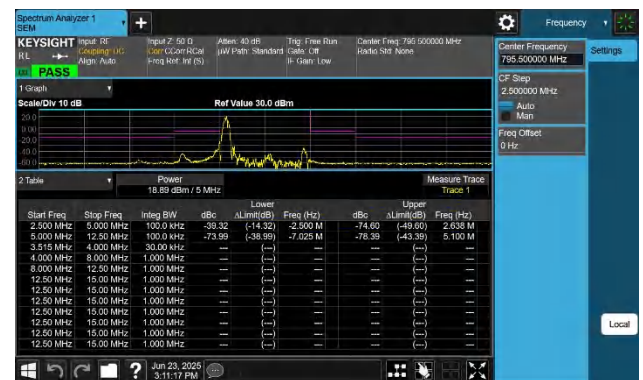
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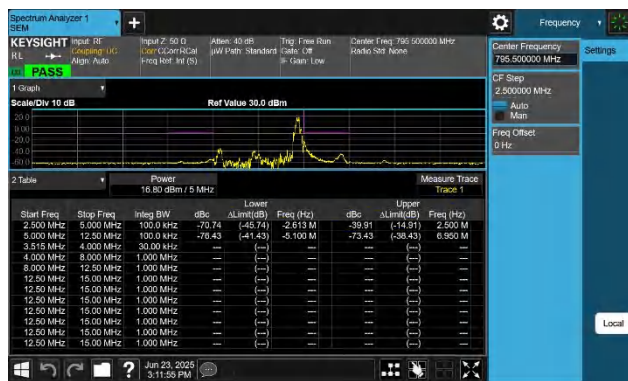
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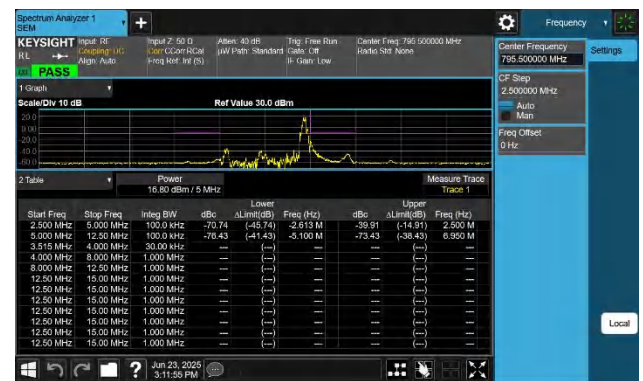
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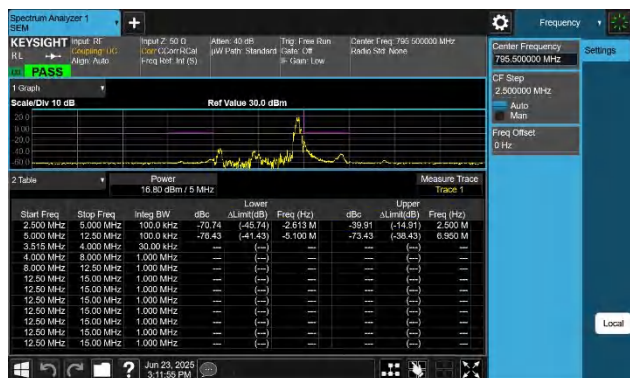
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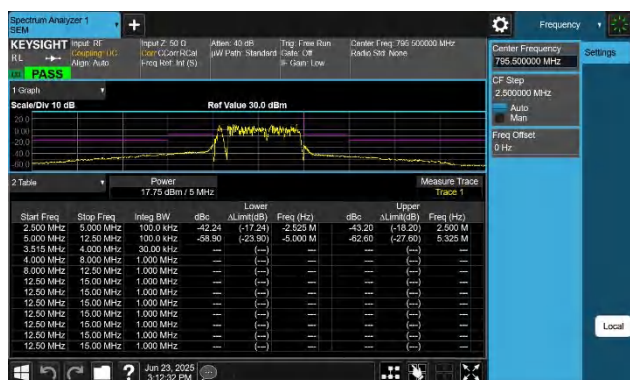
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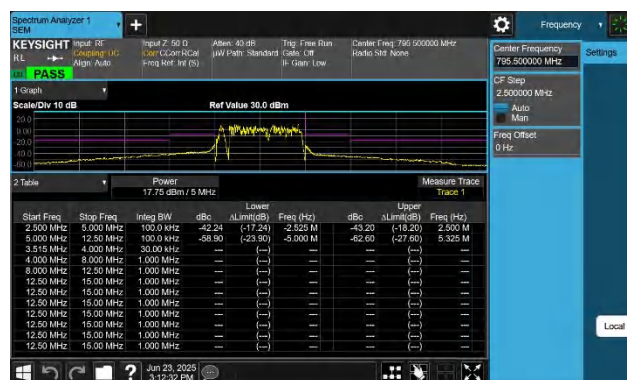
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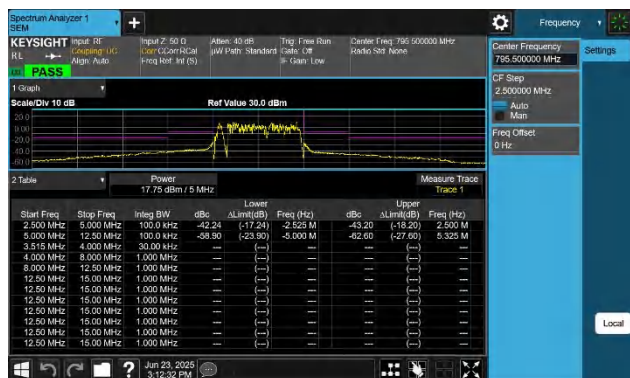
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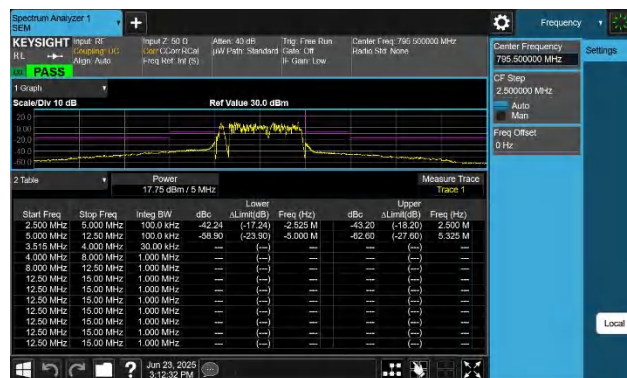
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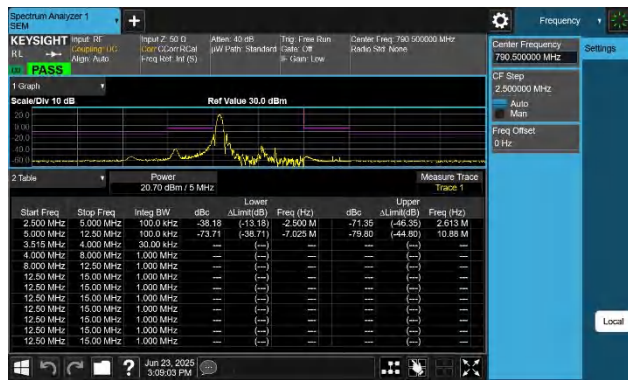
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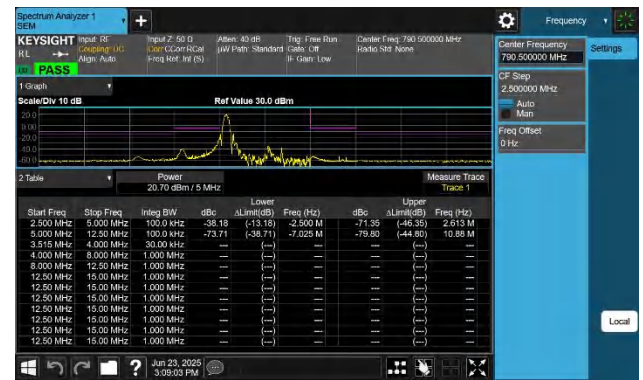
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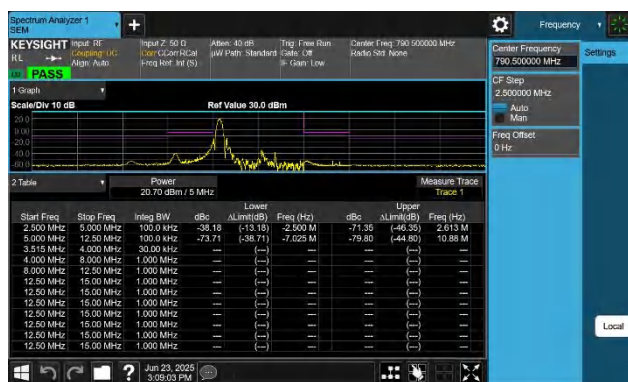
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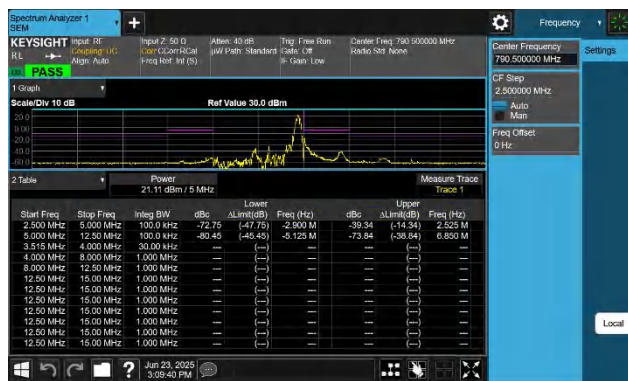
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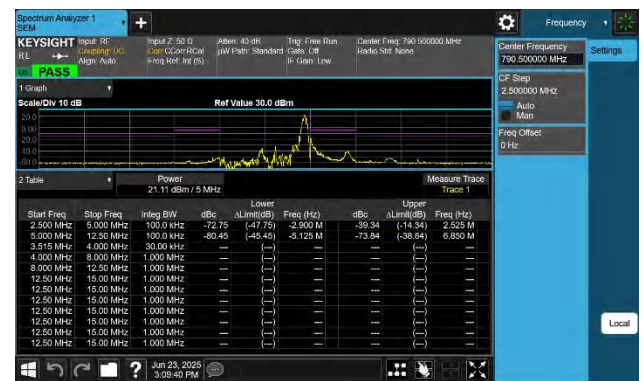
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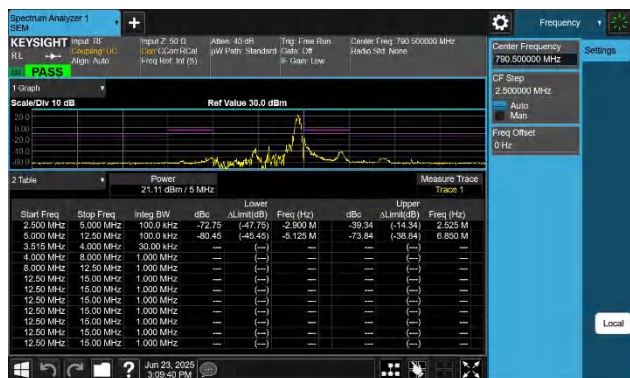
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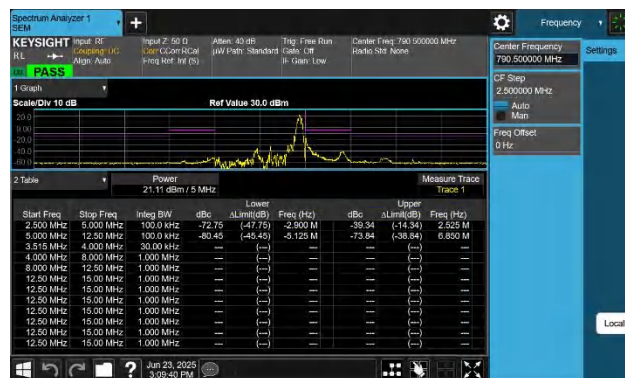
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NTNV-Band14-5MHz-16QAM-23305-1RB#24--5.00--2.50-PASS



NTNV-Band14-5MHz-16QAM-23305-1RB#24-2.50-5.00-PASS



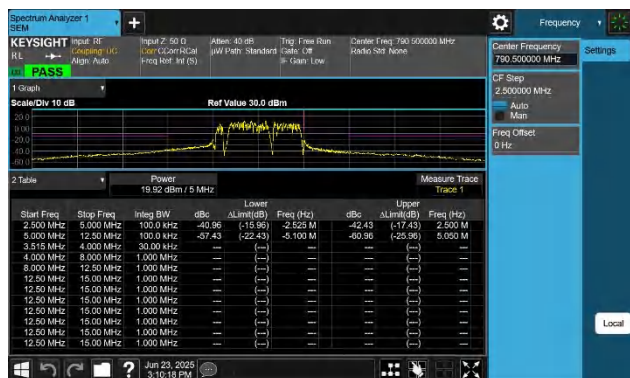
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NTNV-Band14-5MHz-16QAM-23305-25RB#0--12.50--5.00-PASS



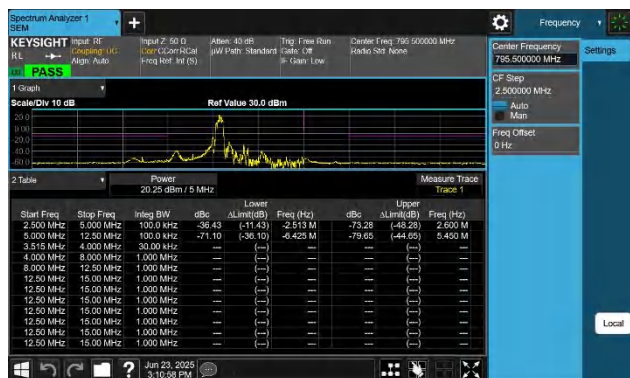
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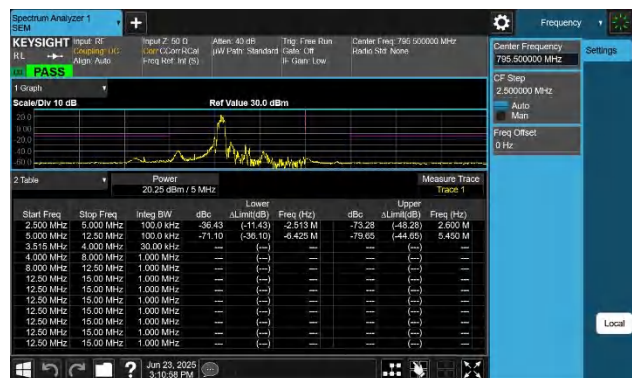
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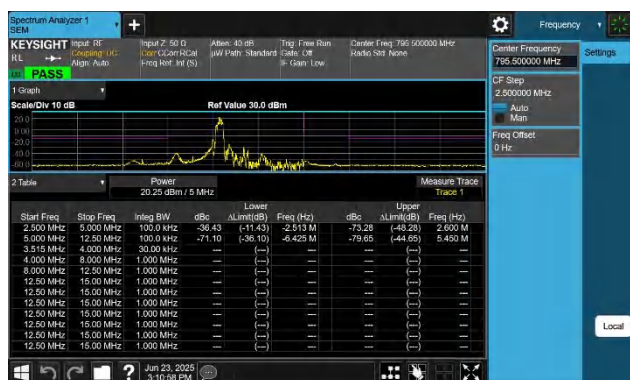
NTNV-Band14-5MHz-16QAM-23305-25RB#0-5.00-12.50-PASS



NTNV-Band14-5MHz-16QAM-23355-1RB#0--12.50--5.00-PASS



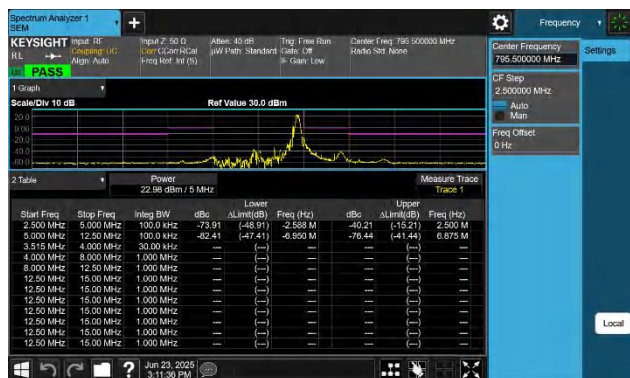
NTNV-Band14-5MHz-16QAM-23355-1RB#0--5.00--2.50-PASS



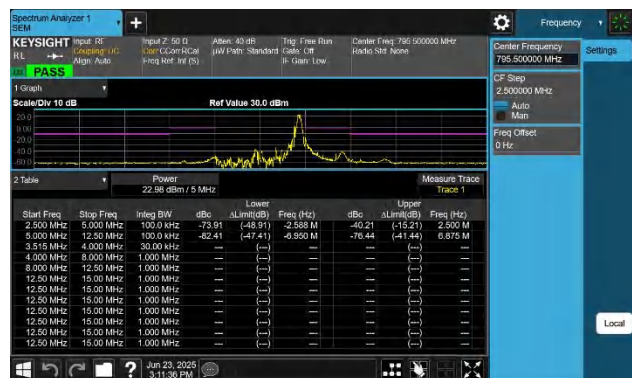
NTNV-Band14-5MHz-16QAM-23355-1RB#0-2.50-5.00-PASS



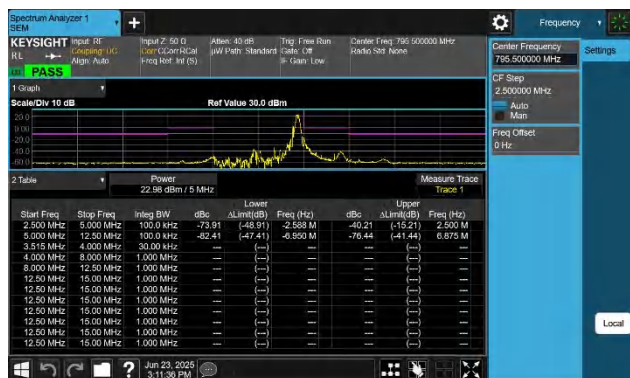
NTNV-Band14-5MHz-16QAM-23355-1RB#0-5.00-12.50-PASS



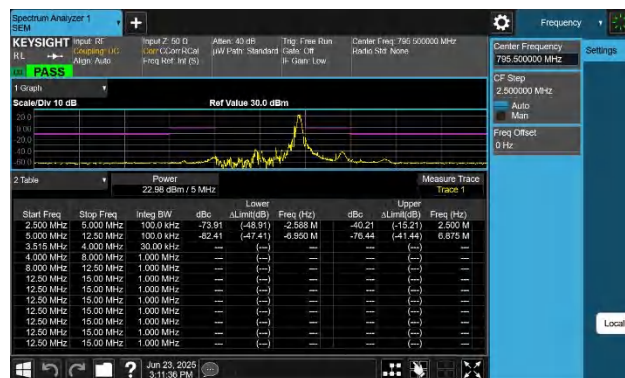
NTNV-Band14-5MHz-16QAM-23355-1RB#24--12.50--5.00-PASS



NTNV-Band14-5MHz-16QAM-23355-1RB#24--5.00--2.50-PASS



NTNV-Band14-5MHz-16QAM-23355-1RB#24--2.50-2.50-PASS



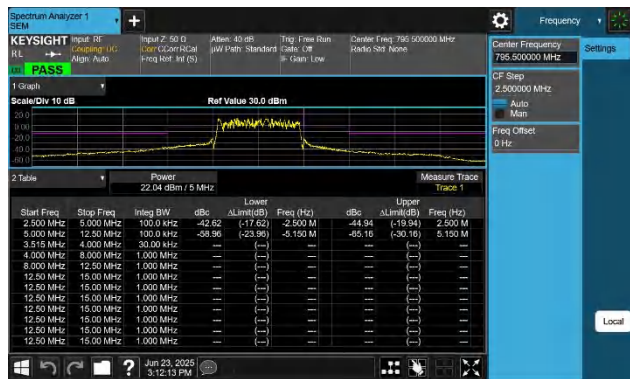
NTNV-Band14-5MHz-16QAM-23355-1RB#24-5.00-12.50-PASS



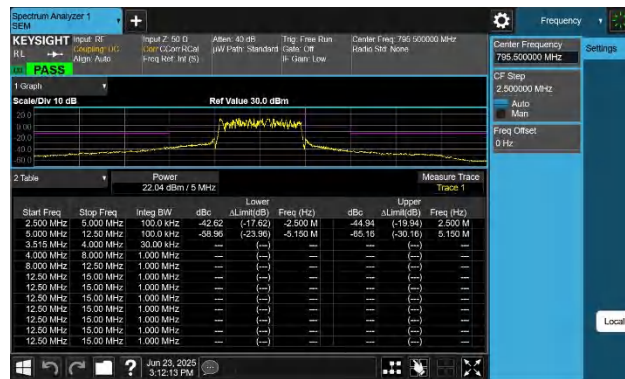
NTNV-Band14-5MHz-16QAM-23355-25RB#0--12.50--5.00-PASS



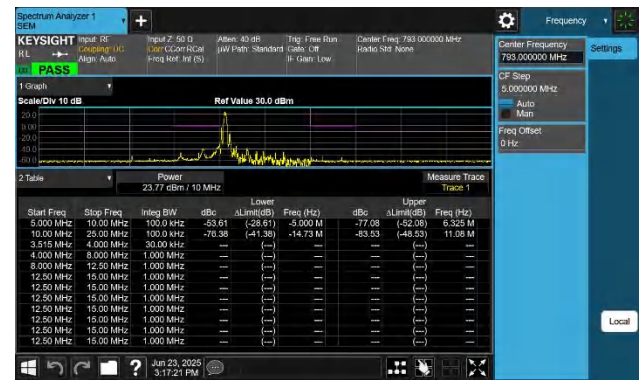
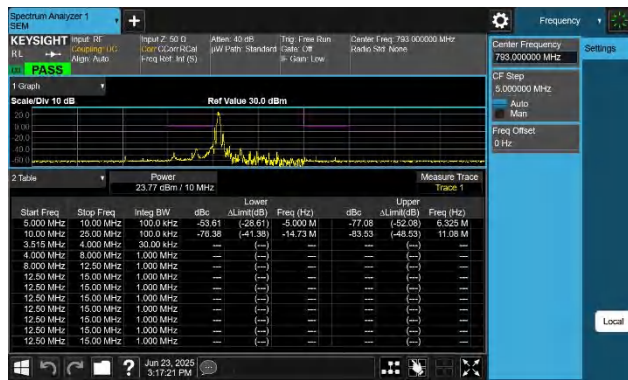
NTNV-Band14-5MHz-16QAM-23355-25RB#0--5.00--2.50-PASS



NTNV-Band14-5MHz-16QAM-23355-25RB#0--2.50-2.50-PASS

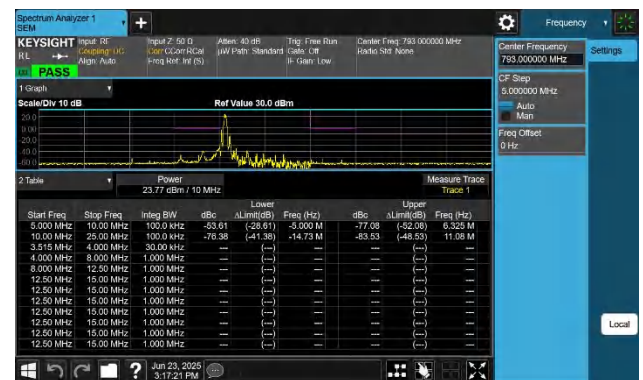
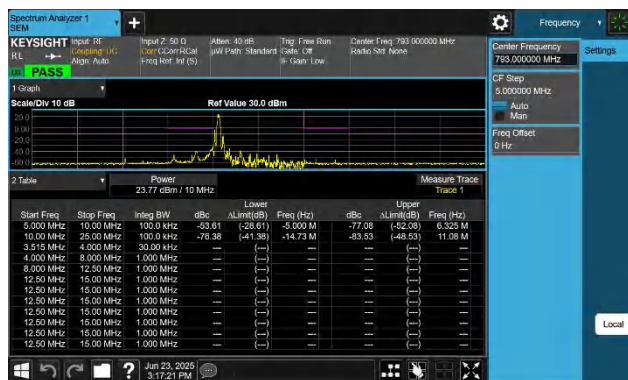


NTNV-Band14-5MHz-16QAM-23355-25RB#0-5.00-12.50-PASS



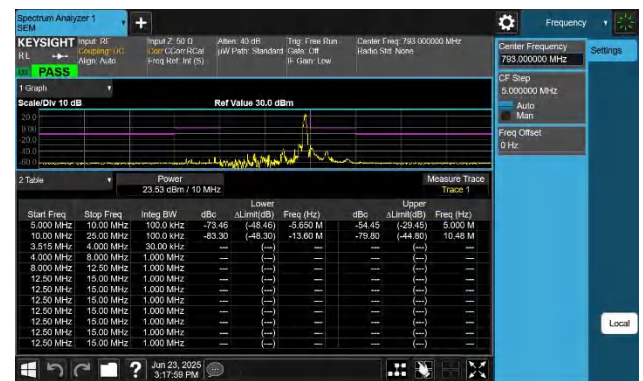
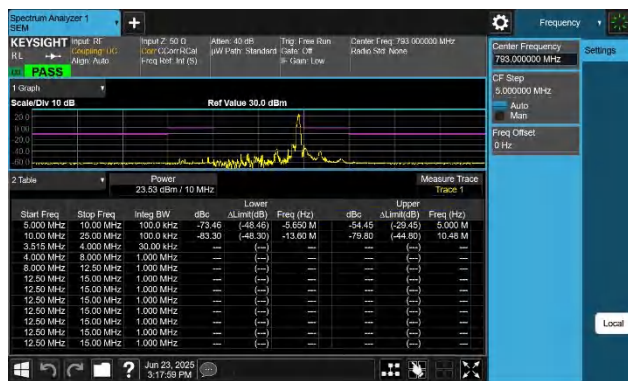
NTNV-Band14-10MHz-QPSK-23330-1RB#0--25.00--10.00-PASS

NTNV-Band14-10MHz-QPSK-23330-1RB#0--10.00--5.00-PASS



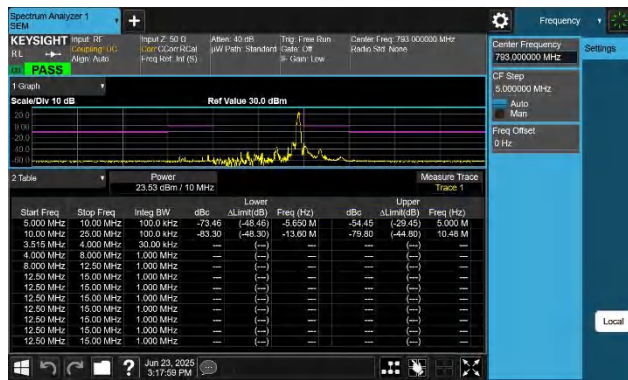
NTNV-Band14-10MHz-QPSK-23330-1RB#0-5.00-10.00-PASS

NTNV-Band14-10MHz-QPSK-23330-1RB#0-10.00-25.00-PASS

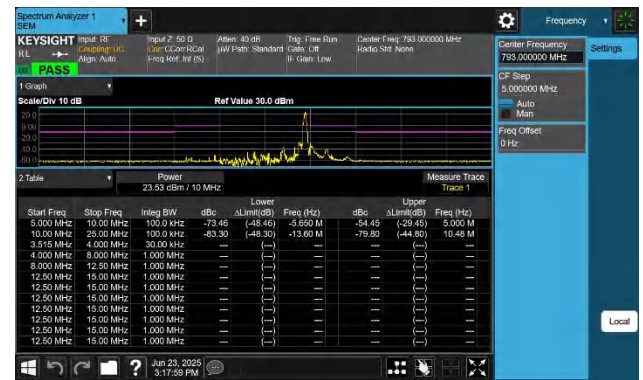


NTNV-Band14-10MHz-QPSK-23330-1RB#49--25.00--10.00-PASS

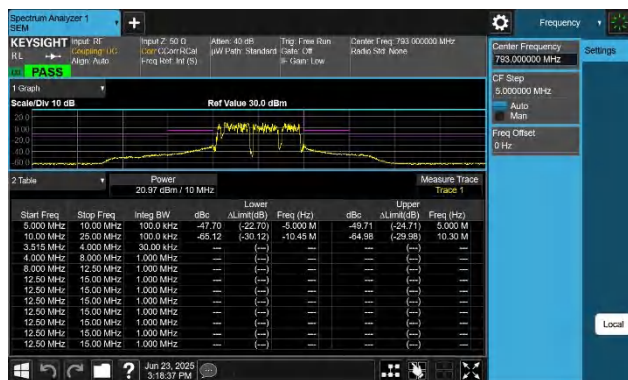
NTNV-Band14-10MHz-QPSK-23330-1RB#49--10.00--5.00-PASS



NTNV-Band14-10MHz-QPSK-23330-1RB#49--5.00-5.00-PASS



NTNV-Band14-10MHz-QPSK-23330-1RB#49-10.00-25.00-PASS



NTNV-Band14-10MHz-QPSK-23330-50RB#0--25.00--10.00-PASS



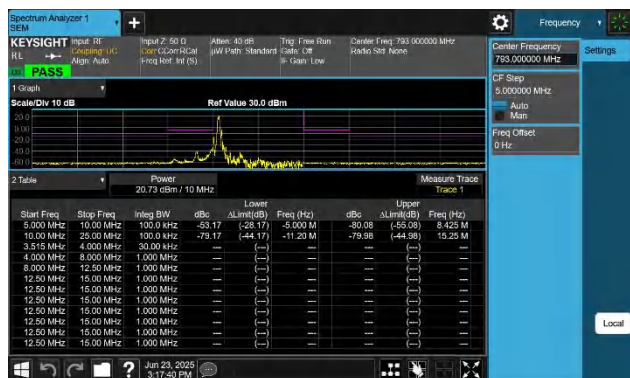
NTNV-Band14-10MHz-QPSK-23330-50RB#0--10.00--5.00-PASS



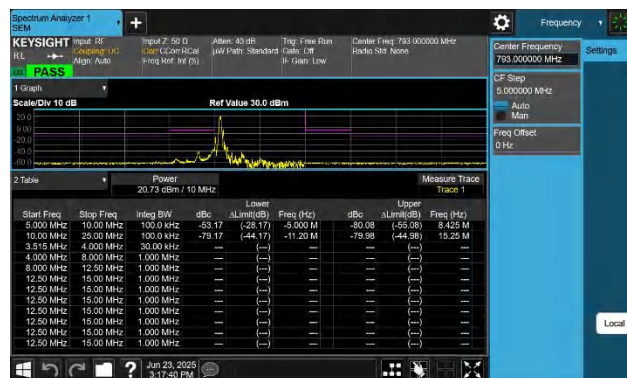
NTNV-Band14-10MHz-QPSK-23330-50RB#0--5.00-5.00-PASS



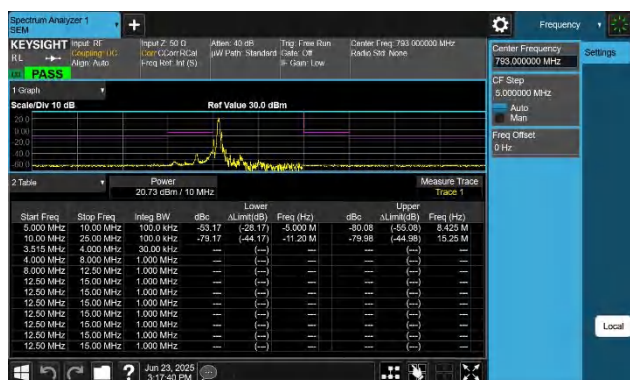
NTNV-Band14-10MHz-QPSK-23330-50RB#0-10.00-25.00-PASS



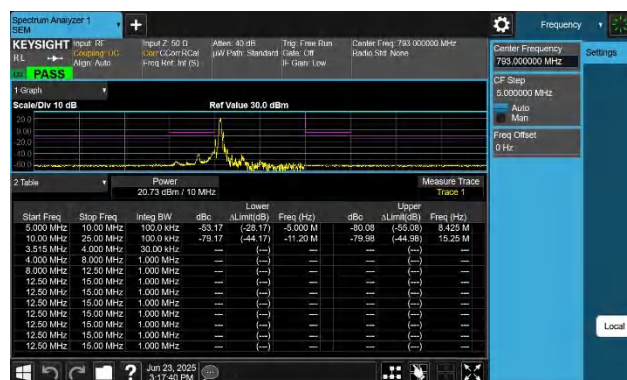
NTNV-Band14-10MHz-64QAM-23330-1RB#0--25.00--10.00-PASS



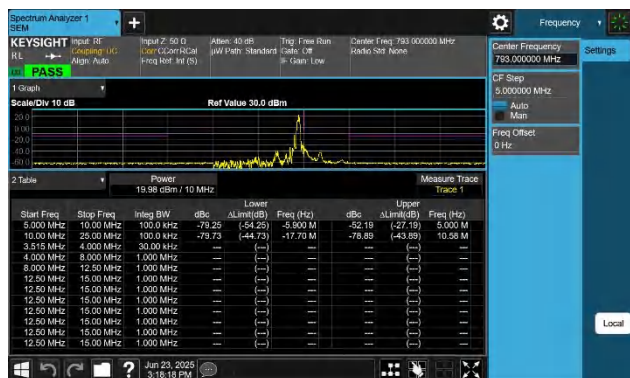
NTNV-Band14-10MHz-64QAM-23330-1RB#0--10.00--5.00-PASS



NTNV-Band14-10MHz-64QAM-23330-1RB#0-5.00-10.00-PASS

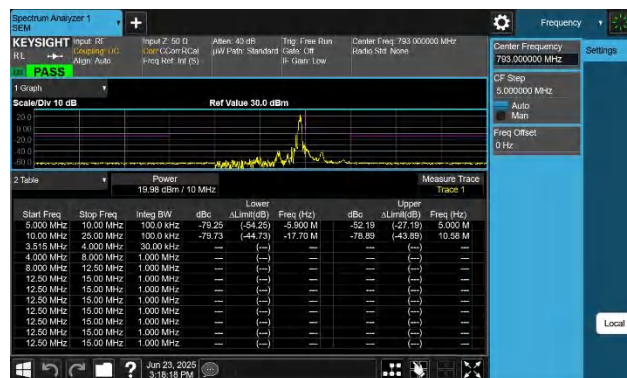


NTNV-Band14-10MHz-64QAM-23330-1RB#0-10.00-25.00-PASS

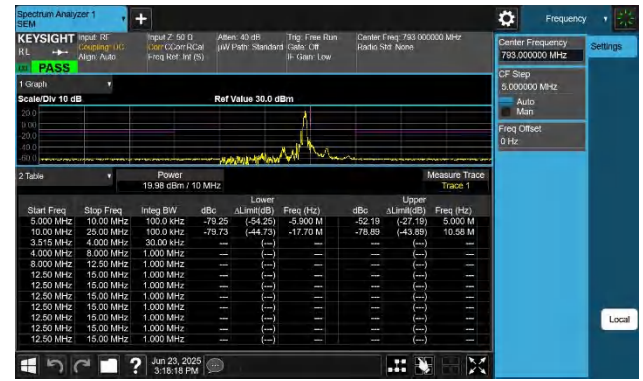
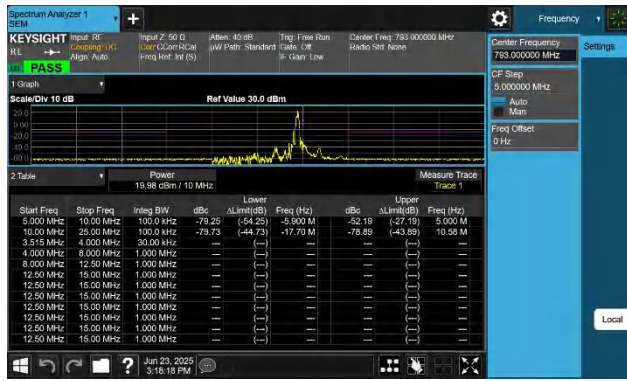


NTNV-Band14-10MHz-64QAM-23330-1RB#49--25.00--10.00-PAS

S



NTNV-Band14-10MHz-64QAM-23330-1RB#49--10.00--5.00-PASS



NTNV-Band14-10MHz-64QAM-23330-1RB#49--5.00-5.00-PASS

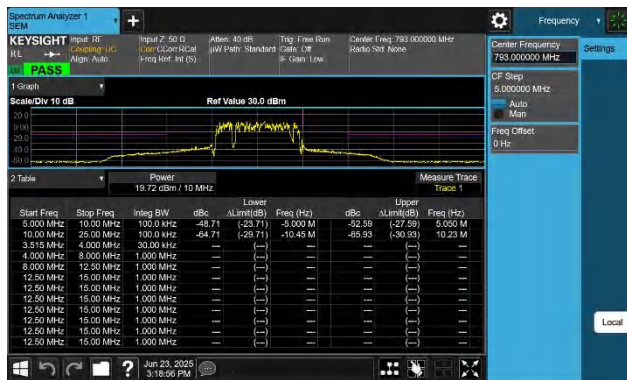
NTNV-Band14-10MHz-64QAM-23330-1RB#49-10.00-25.00-PASS



NTNV-Band14-10MHz-64QAM-23330-50RB#0--25.00--10.00-PASS

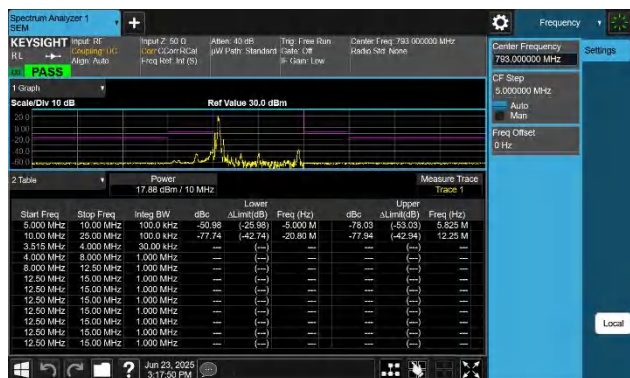
NTNV-Band14-10MHz-64QAM-23330-50RB#0--10.00--5.00-PASS

S



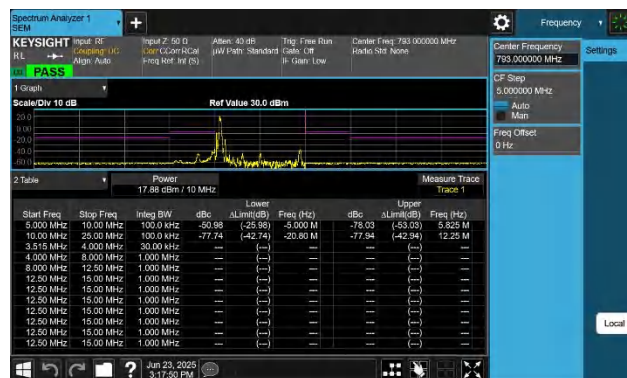
NTNV-Band14-10MHz-64QAM-23330-50RB#0-5.00-10.00-PASS

NTNV-Band14-10MHz-64QAM-23330-50RB#0-10.00-25.00-PASS

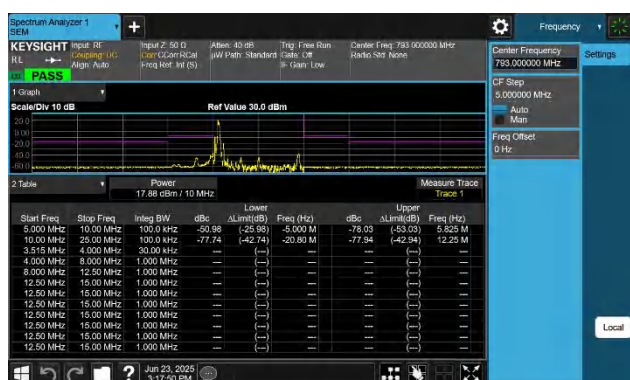


NTNV-Band14-10MHz-256QAM-23330-1RB#0--25.00--10.00-PAS

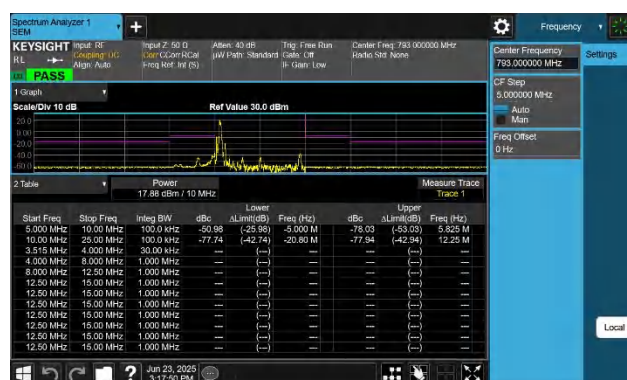
S



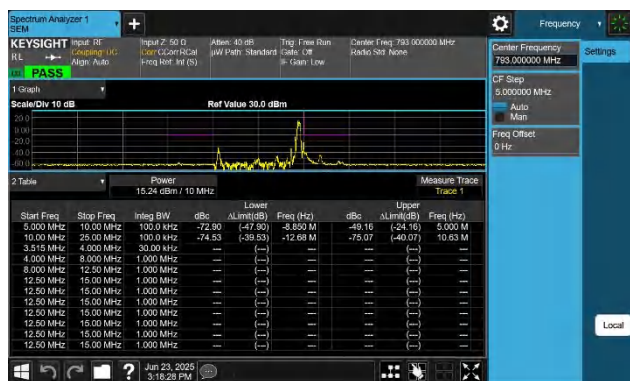
NTNV-Band14-10MHz-256QAM-23330-1RB#0--10.00--5.00-PASS



NTNV-Band14-10MHz-256QAM-23330-1RB#0-5.00-10.00-PASS

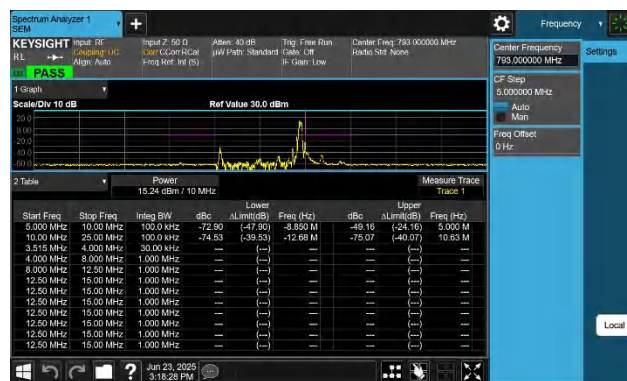


NTNV-Band14-10MHz-256QAM-23330-1RB#0-10.00-25.00-PASS



NTNV-Band14-10MHz-256QAM-23330-1RB#49--25.00--10.00-PAS

S



NTNV-Band14-10MHz-256QAM-23330-1RB#49--10.00--5.00-PAS

S



NTNV-Band14-10MHz-256QAM-23330-1RB#49--5.00-5.00-PASS

NTNV-Band14-10MHz-256QAM-23330-1RB#49-10.00-25.00-PAS

S



NTNV-Band14-10MHz-256QAM-23330-50RB#0--25.00--10.00-PAS

NTNV-Band14-10MHz-256QAM-23330-50RB#0--10.00--5.00-PAS

S

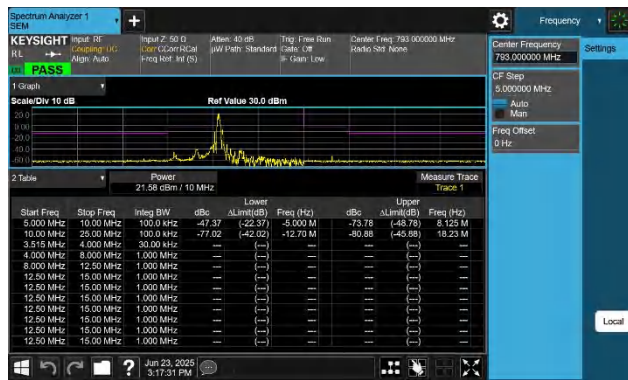
S



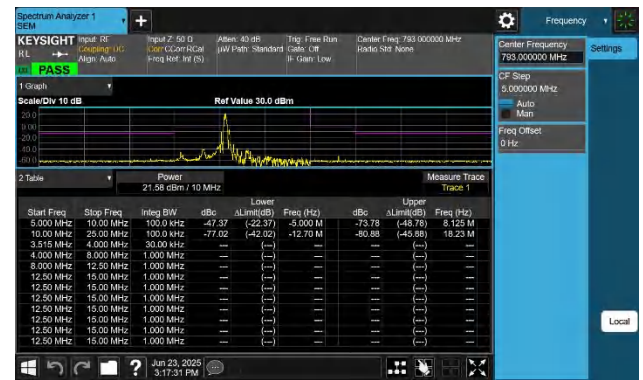
NTNV-Band14-10MHz-256QAM-23330-50RB#0-5.00-10.00-PASS

NTNV-Band14-10MHz-256QAM-23330-50RB#0-10.00-25.00-PAS

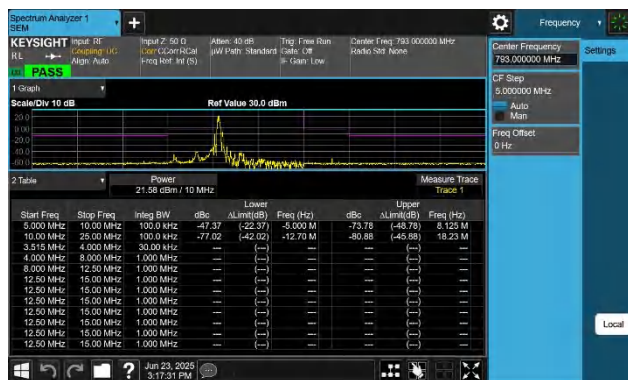
S



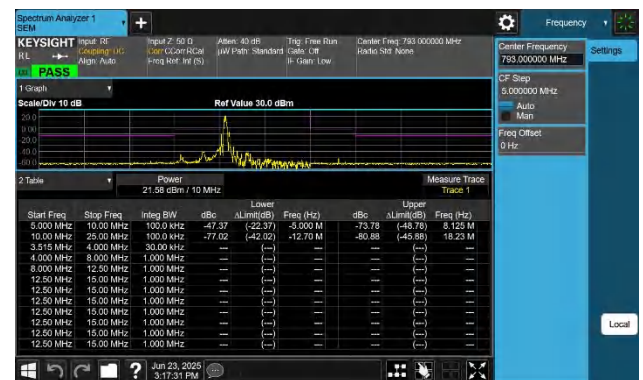
NTNV-Band14-10MHz-16QAM-23330-1RB#0--25.00--10.00-PASS



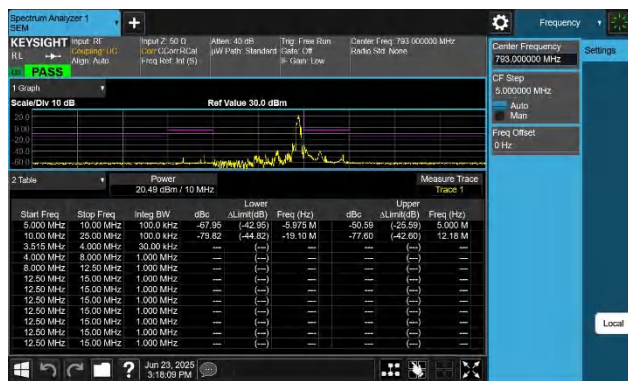
NTNV-Band14-10MHz-16QAM-23330-1RB#0--10.00--5.00-PASS



NTNV-Band14-10MHz-16QAM-23330-1RB#0-5.00-10.00-PASS

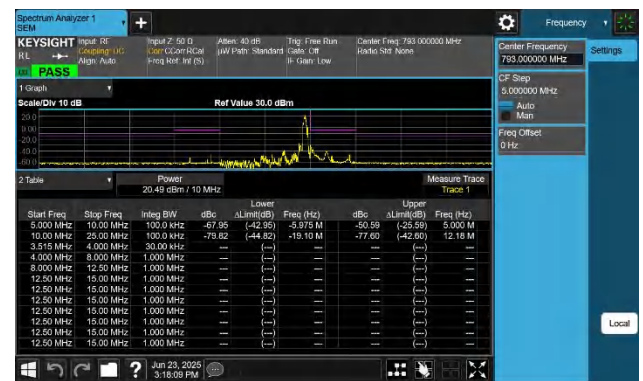


NTNV-Band14-10MHz-16QAM-23330-1RB#0-10.00-25.00-PASS

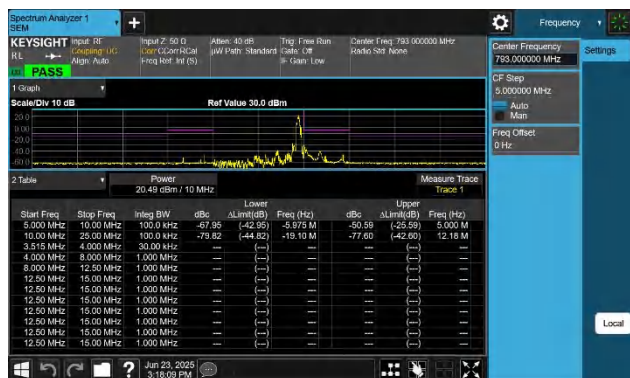


NTNV-Band14-10MHz-16QAM-23330-1RB#49--25.00--10.00-PAS

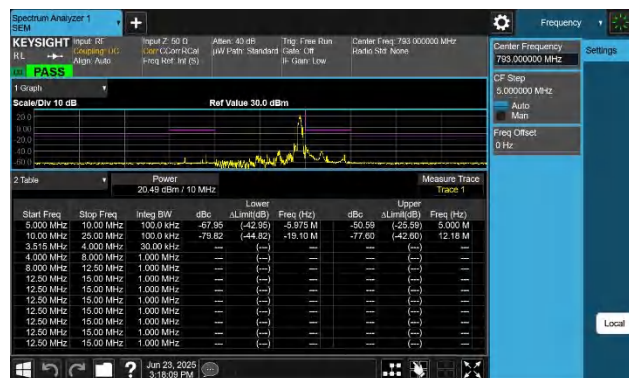
S



NTNV-Band14-10MHz-16QAM-23330-1RB#49--10.00--5.00-PASS



NTNV-Band14-10MHz-16QAM-23330-1RB#49--5.00-5.00-PASS



NTNV-Band14-10MHz-16QAM-23330-1RB#49-10.00-25.00-PASS



NTNV-Band14-10MHz-16QAM-23330-50RB#0--25.00--10.00-PAS

S



NTNV-Band14-10MHz-16QAM-23330-50RB#0--10.00--5.00-PASS



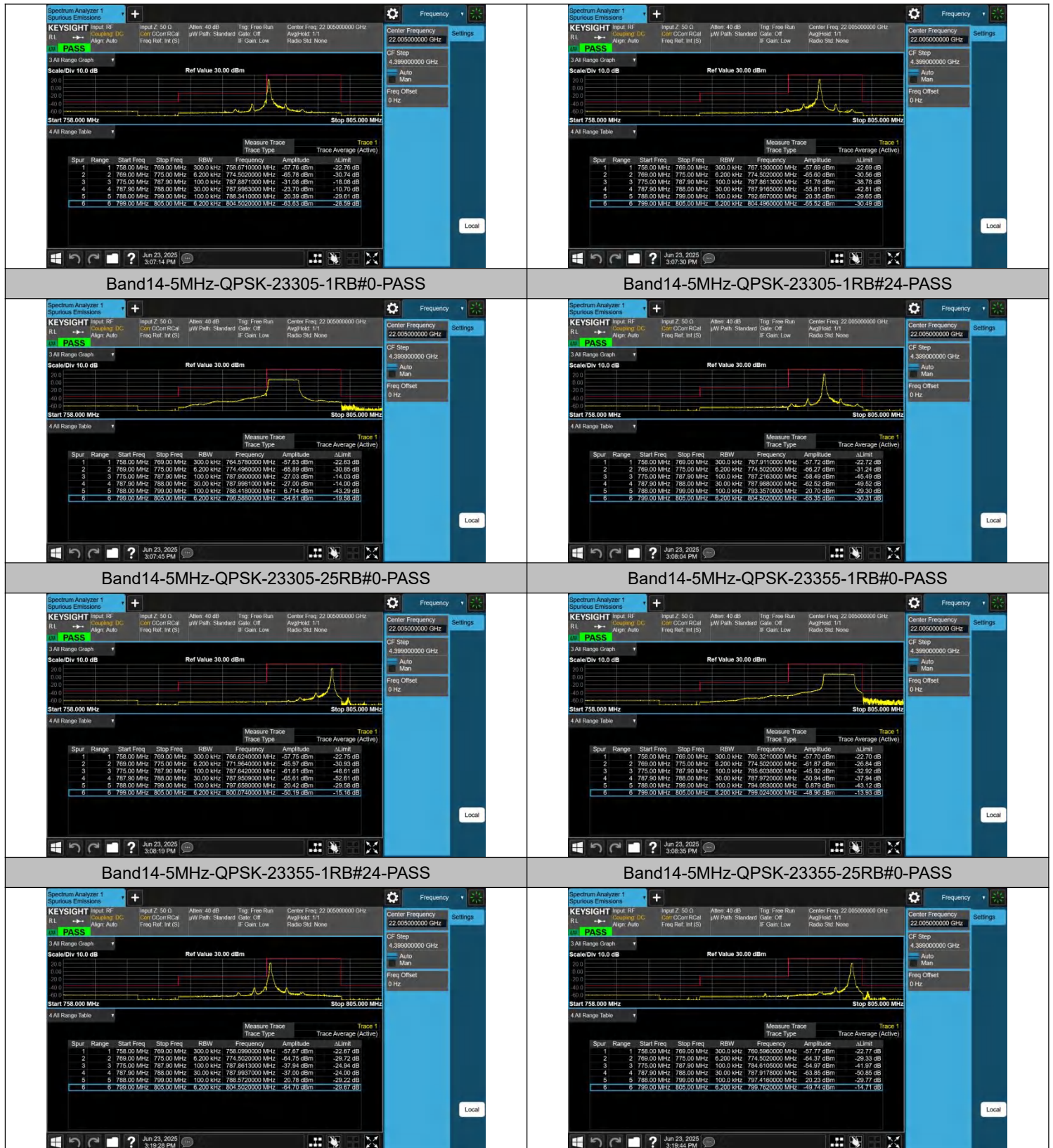
NTNV-Band14-10MHz-16QAM-23330-50RB#0-5.00-10.00-PASS



NTNV-Band14-10MHz-16QAM-23330-50RB#0-10.00-25.00-PASS

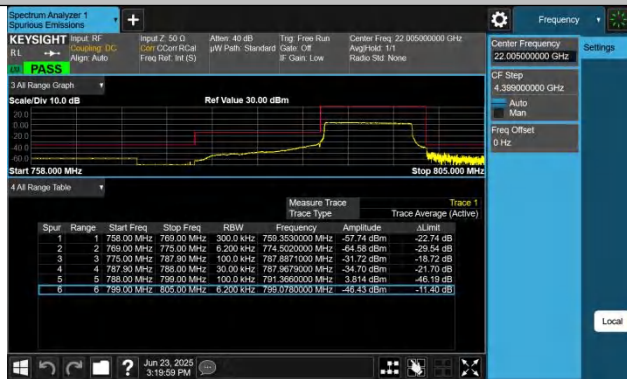
Band Edge

Test Graphs



Band14-10MHz-QPSK-23330-1RB#0-PASS

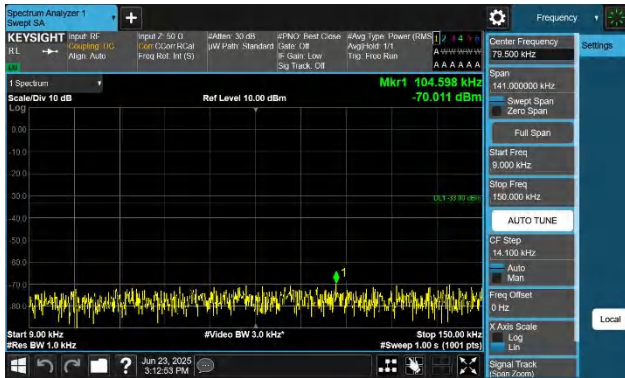
Band14-10MHz-QPSK-23330-1RB#49-PASS



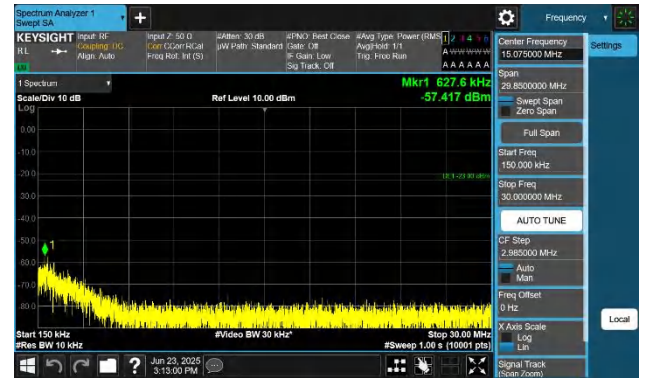
Band14-10MHz-QPSK-23330-50RB#0-PASS

Conducted Spurious Emission

Test Graphs



Band14-5MHz-QPSK-23305-1RB#0-0.009~0.15-PASS



Band14-5MHz-QPSK-23305-1RB#0-0.15~30-PASS



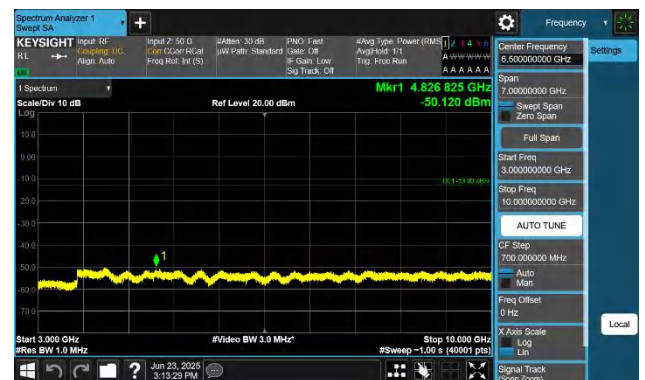
Band14-5MHz-QPSK-23305-1RB#0-30~1000-PASS



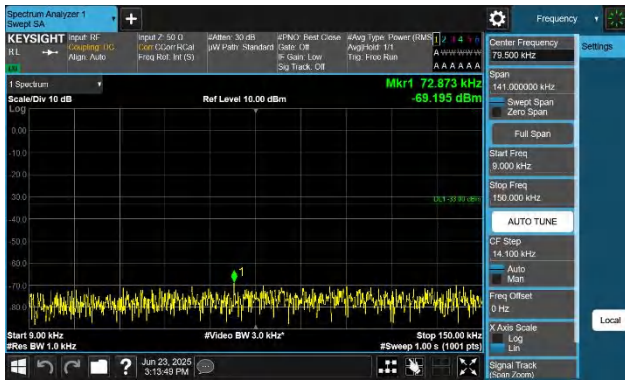
Band14-5MHz-QPSK-23305-1RB#0-1000~3000-PASS



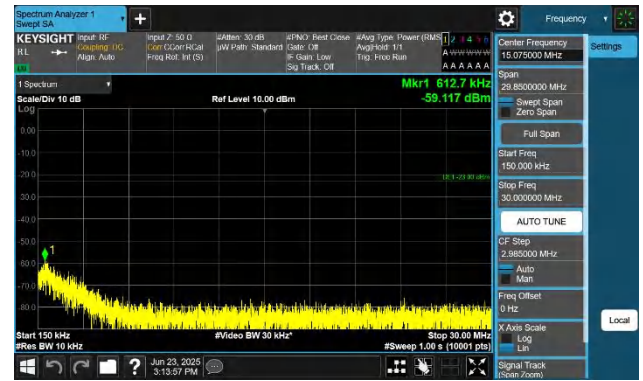
Band14-5MHz-QPSK-23305-1RB#0-1559~1610-PASS



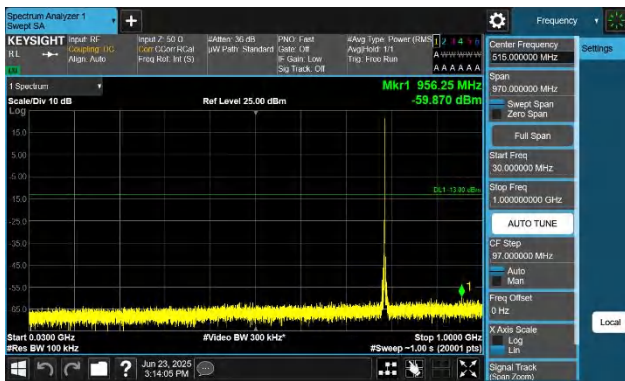
Band14-5MHz-QPSK-23305-1RB#0-3000~10000-PASS



Band14-5MHz-QPSK-23330-1RB#0-0.009~0.15-PASS



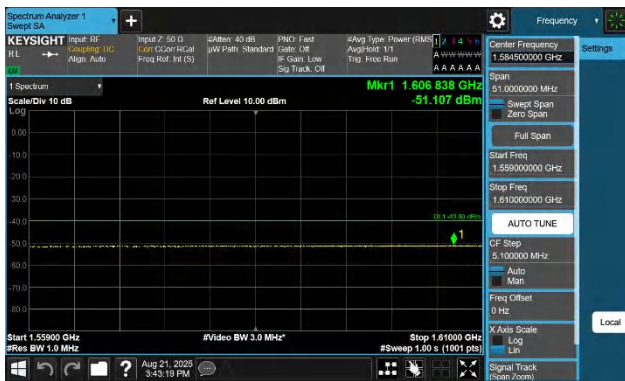
Band14-5MHz-QPSK-23330-1RB#0-0.15~30-PASS



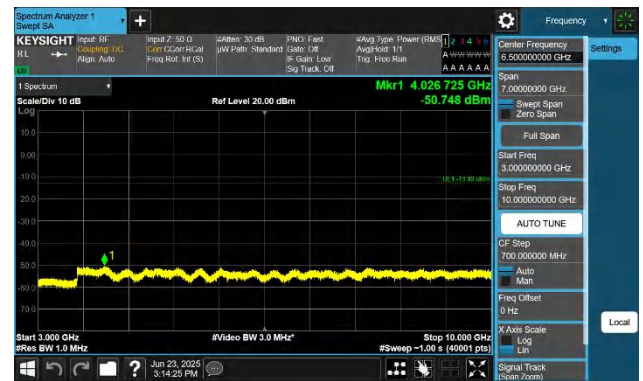
Band14-5MHz-QPSK-23330-1RB#0-30~1000-PASS



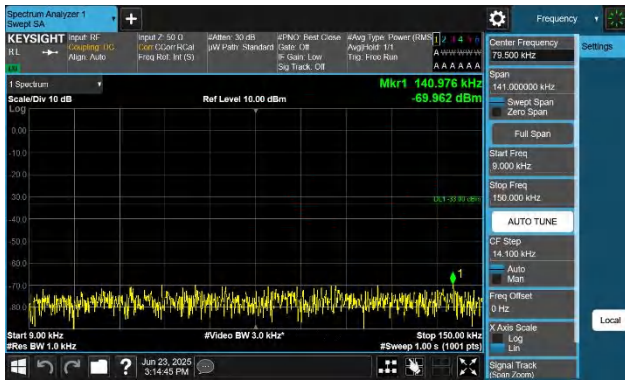
Band14-5MHz-QPSK-23330-1RB#0-1000~3000-PASS



Band14-5MHz-QPSK-23330-1RB#0-1559~1610-PASS



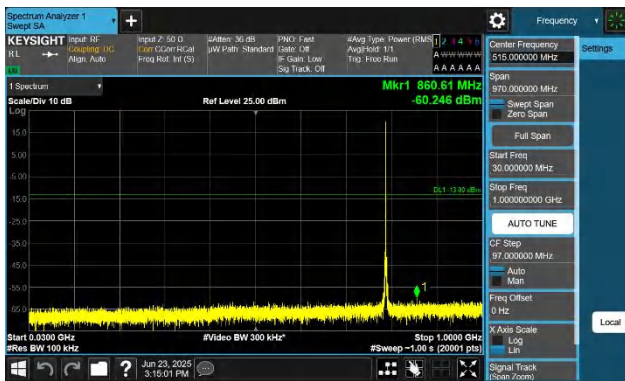
Band14-5MHz-QPSK-23330-1RB#0-3000~10000-PASS



Band14-5MHz-QPSK-23355-1RB#0-0.009~0.15-PASS



Band14-5MHz-QPSK-23355-1RB#0-0.15~30-PASS



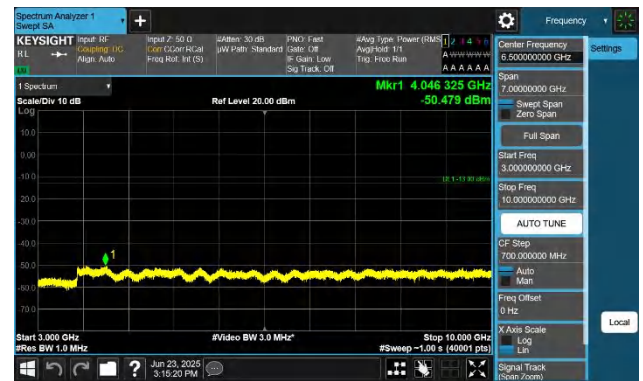
Band14-5MHz-QPSK-23355-1RB#0-30~1000-PASS



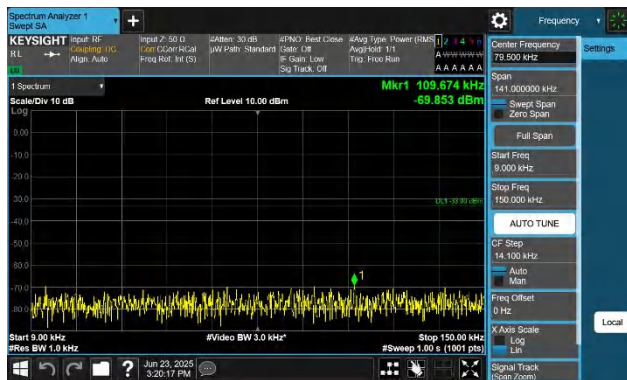
Band14-5MHz-QPSK-23355-1RB#0-1000~3000-PASS



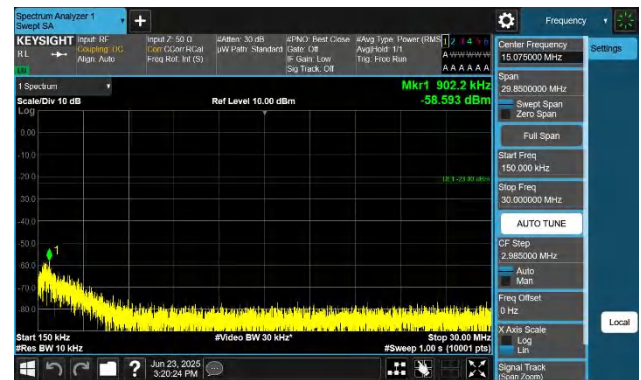
Band14-5MHz-QPSK-23355-1RB#0-1559~1610-PASS



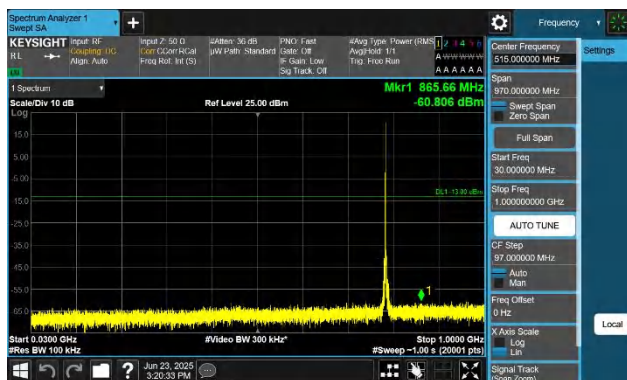
Band14-5MHz-QPSK-23355-1RB#0-3000~10000-PASS



Band14-10MHz-QPSK-23330-1RB#0-0.009~0.15-PASS



Band14-10MHz-QPSK-23330-1RB#0-0.15~30-PASS



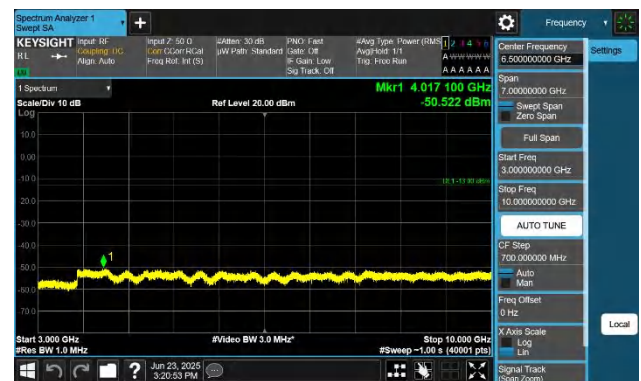
Band14-10MHz-QPSK-23330-1RB#0-30~1000-PASS



Band14-10MHz-QPSK-23330-1RB#0-1000~3000-PASS



Band14-10MHz-QPSK-23330-1RB#0-1559~1610-PASS



Band14-10MHz-QPSK-23330-1RB#0-3000~10000-PASS

Frequency Stability

Test Result

Voltage													
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band 14	10MHz	QPSK	23330	50RB#0	VN	NT	-1.54	-0.001942	±1.5	---	---	---	PASS
Band 14	10MHz	QPSK	23330	50RB#0	VL	NT	-1.20	-0.001513	±1.5	---	---	---	PASS
Band 14	10MHz	QPSK	23330	50RB#0	VH	NT	1.11	0.001400	±1.5	---	---	---	PASS

Temperature													
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band 14	10MHz	QPSK	23330	50RB#0	NV	-30	-1.61	-0.002030	±1.5	---	---	---	PASS
Band 14	10MHz	QPSK	23330	50RB#0	NV	-20	2.08	0.002623	±1.5	---	---	---	PASS
Band 14	10MHz	QPSK	23330	50RB#0	NV	-10	-2.18	-0.002749	±1.5	---	---	---	PASS
Band 14	10MHz	QPSK	23330	50RB#0	NV	0	-1.78	-0.002245	±1.5	---	---	---	PASS
Band 14	10MHz	QPSK	23330	50RB#0	NV	10	2.43	0.003064	±1.5	---	---	---	PASS
Band 14	10MHz	QPSK	23330	50RB#0	NV	20	-1.56	-0.001967	±1.5	---	---	---	PASS
Band 14	10MHz	QPSK	23330	50RB#0	NV	30	1.45	0.001828	±1.5	---	---	---	PASS
Band 14	10MHz	QPSK	23330	50RB#0	NV	40	-2.46	-0.003102	±1.5	---	---	---	PASS
Band 14	10MHz	QPSK	23330	50RB#0	NV	50	-1.52	-0.001917	±1.5	---	---	---	PASS

----- THE END -----