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	23.12	2.6	23.57	34.8	PASS
Band14	5MHz	QPSK	23305	1RB#12	23.08	2.6	23.53	34.8	PASS
Band14	5MHz	QPSK	23305	1RB#24	23.05	2.6	23.5	34.8	PASS
Band14	5MHz	QPSK	23305	25RB#0	22.48	2.6	22.93	34.8	PASS
Band14	5MHz	QPSK	23330	1RB#0	23.15	2.6	23.6	34.8	PASS
Band14	5MHz	QPSK	23330	1RB#12	23.16	2.6	23.61	34.8	PASS
Band14	5MHz	QPSK	23330	1RB#24	23.06	2.6	23.51	34.8	PASS
Band14	5MHz	QPSK	23330	25RB#0	22.4	2.6	22.85	34.8	PASS
Band14	5MHz	QPSK	23355	1RB#0	23.09	2.6	23.54	34.8	PASS
Band14	5MHz	QPSK	23355	1RB#12	23.13	2.6	23.58	34.8	PASS
Band14	5MHz	QPSK	23355	1RB#24	23.04	2.6	23.49	34.8	PASS
Band14	5MHz	QPSK	23355	25RB#0	22.38	2.6	22.83	34.8	PASS
Band14	5MHz	64QAM	23305	1RB#0	21.81	2.6	22.26	34.8	PASS
Band14	5MHz	64QAM	23305	1RB#12	21.81	2.6	22.26	34.8	PASS
Band14	5MHz	64QAM	23305	1RB#24	21.74	2.6	22.19	34.8	PASS
Band14	5MHz	64QAM	23305	25RB#0	20.39	2.6	20.84	34.8	PASS
Band14	5MHz	64QAM	23330	1RB#0	21.44	2.6	21.89	34.8	PASS
Band14	5MHz	64QAM	23330	1RB#12	21.36	2.6	21.81	34.8	PASS
Band14	5MHz	64QAM	23330	1RB#24	21.28	2.6	21.73	34.8	PASS
Band14	5MHz	64QAM	23330	25RB#0	20.43	2.6	20.88	34.8	PASS
Band14	5MHz	64QAM	23355	1RB#0	21.82	2.6	22.27	34.8	PASS
Band14	5MHz	64QAM	23355	1RB#12	21.81	2.6	22.26	34.8	PASS
Band14	5MHz	64QAM	23355	1RB#24	21.74	2.6	22.19	34.8	PASS
Band14	5MHz	64QAM	23355	25RB#0	20.33	2.6	20.78	34.8	PASS
Band14	5MHz	256QAM	23305	1RB#0	18.51	2.6	18.96	34.8	PASS
Band14	5MHz	256QAM	23305	1RB#12	18.57	2.6	19.02	34.8	PASS
Band14	5MHz	256QAM	23305	1RB#24	18.6	2.6	19.05	34.8	PASS
Band14	5MHz	256QAM	23305	25RB#0	18.4	2.6	18.85	34.8	PASS
Band14	5MHz	256QAM	23330	1RB#0	18.47	2.6	18.92	34.8	PASS
Band14	5MHz	256QAM	23330	1RB#12	18.75	2.6	19.2	34.8	PASS
Band14	5MHz	256QAM	23330	1RB#24	18.7	2.6	19.15	34.8	PASS
Band14	5MHz	256QAM	23330	25RB#0	18.38	2.6	18.83	34.8	PASS
Band14	5MHz	256QAM	23355	1RB#0	18.52	2.6	18.97	34.8	PASS
Band14	5MHz	256QAM	23355	1RB#12	18.62	2.6	19.07	34.8	PASS

Band14	5MHz	256QAM	23355	1RB#24	18.59	2.6	19.04	34.8	PASS
Band14	5MHz	256QAM	23355	25RB#0	18.26	2.6	18.71	34.8	PASS
Band14	5MHz	16QAM	23305	1RB#0	22.48	2.6	22.93	34.8	PASS
Band14	5MHz	16QAM	23305	1RB#12	22.58	2.6	23.03	34.8	PASS
Band14	5MHz	16QAM	23305	1RB#24	22.35	2.6	22.8	34.8	PASS
Band14	5MHz	16QAM	23305	25RB#0	21.4	2.6	21.85	34.8	PASS
Band14	5MHz	16QAM	23330	1RB#0	22.4	2.6	22.85	34.8	PASS
Band14	5MHz	16QAM	23330	1RB#12	22.43	2.6	22.88	34.8	PASS
Band14	5MHz	16QAM	23330	1RB#24	22.35	2.6	22.8	34.8	PASS
Band14	5MHz	16QAM	23330	25RB#0	21.43	2.6	21.88	34.8	PASS
Band14	5MHz	16QAM	23355	1RB#0	22.36	2.6	22.81	34.8	PASS
Band14	5MHz	16QAM	23355	1RB#12	22.56	2.6	23.01	34.8	PASS
Band14	5MHz	16QAM	23355	1RB#24	22.56	2.6	23.01	34.8	PASS
Band14	5MHz	16QAM	23355	25RB#0	21.38	2.6	21.83	34.8	PASS
Band14	10MHz	QPSK	23330	1RB#0	23.07	2.6	23.52	34.8	PASS
Band14	10MHz	QPSK	23330	1RB#24	23.05	2.6	23.5	34.8	PASS
Band14	10MHz	QPSK	23330	1RB#49	23	2.6	23.45	34.8	PASS
Band14	10MHz	QPSK	23330	50RB#0	22.43	2.6	22.88	34.8	PASS
Band14	10MHz	64QAM	23330	1RB#0	21.25	2.6	21.7	34.8	PASS
Band14	10MHz	64QAM	23330	1RB#24	21.49	2.6	21.94	34.8	PASS
Band14	10MHz	64QAM	23330	1RB#49	21.19	2.6	21.64	34.8	PASS
Band14	10MHz	64QAM	23330	50RB#0	20.39	2.6	20.84	34.8	PASS
Band14	10MHz	256QAM	23330	1RB#0	18.47	2.6	18.92	34.8	PASS
Band14	10MHz	256QAM	23330	1RB#24	18.59	2.6	19.04	34.8	PASS
Band14	10MHz	256QAM	23330	1RB#49	18.58	2.6	19.03	34.8	PASS
Band14	10MHz	256QAM	23330	50RB#0	18.46	2.6	18.91	34.8	PASS
Band14	10MHz	16QAM	23330	1RB#0	22.46	2.6	22.91	34.8	PASS
Band14	10MHz	16QAM	23330	1RB#24	22.41	2.6	22.86	34.8	PASS
Band14	10MHz	16QAM	23330	1RB#49	22.44	2.6	22.89	34.8	PASS
Band14	10MHz	16QAM	23330	50RB#0	21.35	2.6	21.8	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	4.92	13	PASS
Band14	5MHz	64QAM	23330	25RB#0	6.42	13	PASS
Band14	5MHz	256QAM	23330	25RB#0	6.81	13	PASS
Band14	5MHz	16QAM	23330	25RB#0	5.67	13	PASS
Band14	10MHz	QPSK	23330	50RB#0	4.86	13	PASS
Band14	10MHz	64QAM	23330	50RB#0	6.45	13	PASS
Band14	10MHz	256QAM	23330	50RB#0	6.70	13	PASS
Band14	10MHz	16QAM	23330	50RB#0	5.73	13	PASS

Test Graphs

Band14-5MHz-QPSK-23330-25RB#0-PASS

Band14-5MHz-64QAM-23330-25RB#0-PASS

Band14-5MHz-256QAM-23330-25RB#0-PASS

Band14-5MHz-16QAM-23330-25RB#0-PASS

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

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

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

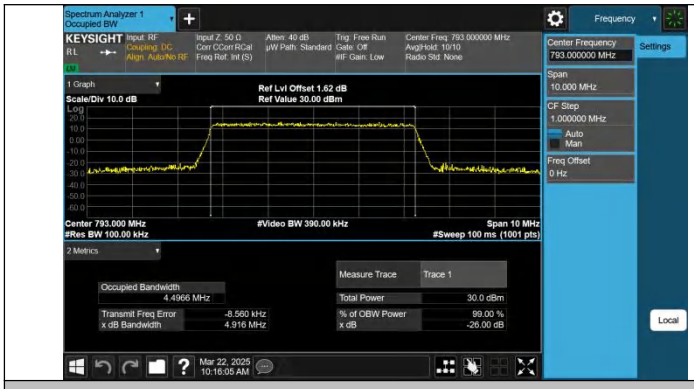
Band14-10MHz-16QAM-23330-50RB#0-PASS

26dB Bandwidth and Occupied Bandwidth

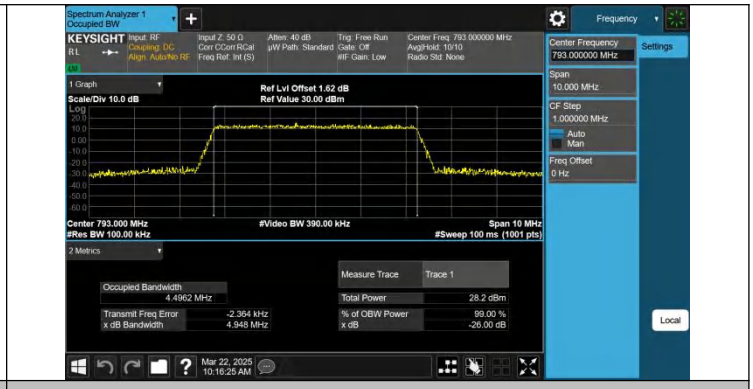
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band14	5MHz	QPSK	23330	25RB#0	4.4966	4.916	PASS
Band14	5MHz	64QAM	23330	25RB#0	4.4962	4.948	PASS
Band14	5MHz	256QAM	23330	25RB#0	4.5013	4.968	PASS
Band14	5MHz	16QAM	23330	25RB#0	4.5050	4.960	PASS
Band14	10MHz	QPSK	23330	50RB#0	8.9675	9.880	PASS
Band14	10MHz	64QAM	23330	50RB#0	8.9513	9.818	PASS
Band14	10MHz	256QAM	23330	50RB#0	8.9545	9.750	PASS
Band14	10MHz	16QAM	23330	50RB#0	8.9604	9.761	PASS

Test Graphs

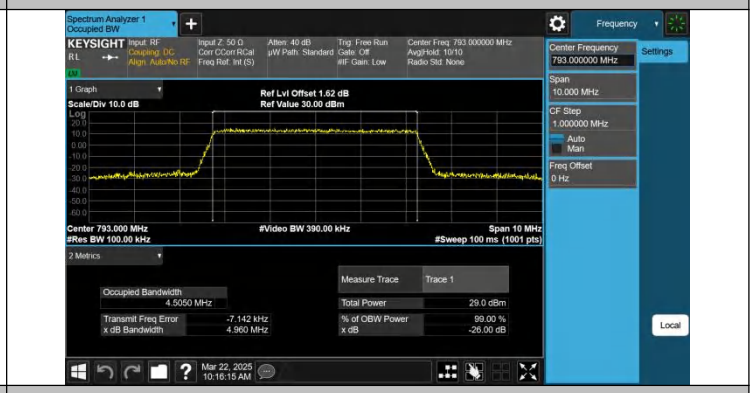


Band14-5MHz-QPSK-23330-25RB#0-PASS



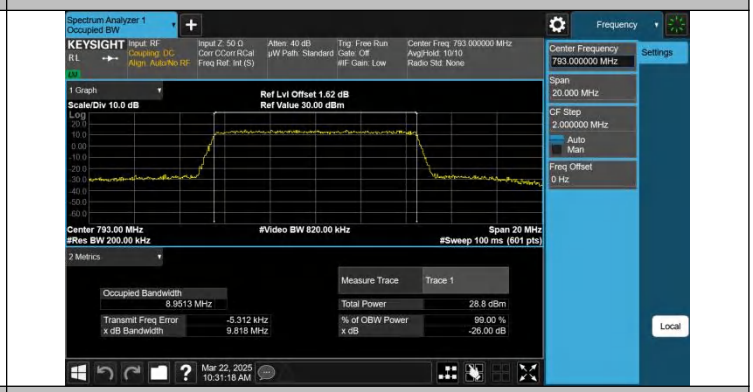
Band14-5MHz-64QAM-23330-25RB#0-PASS

Band14-5MHz-256QAM-23330-25RB#0-PASS



Band14-5MHz-16QAM-23330-25RB#0-PASS

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



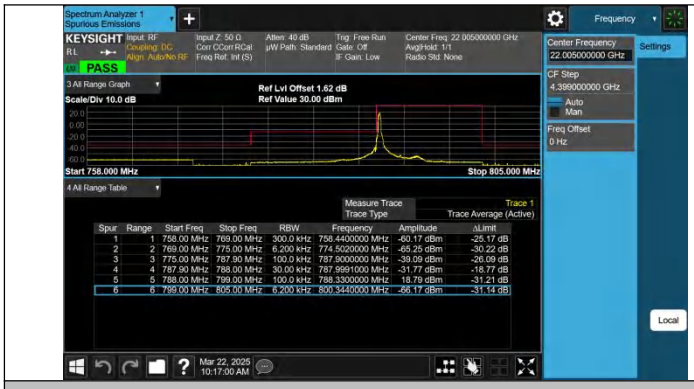
Band14-10MHz-64QAM-23330-50RB#0-PASS

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

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

Band Edge

Test Graphs



Band14-5MHz-QPSK-23305-1RB#0-PASS

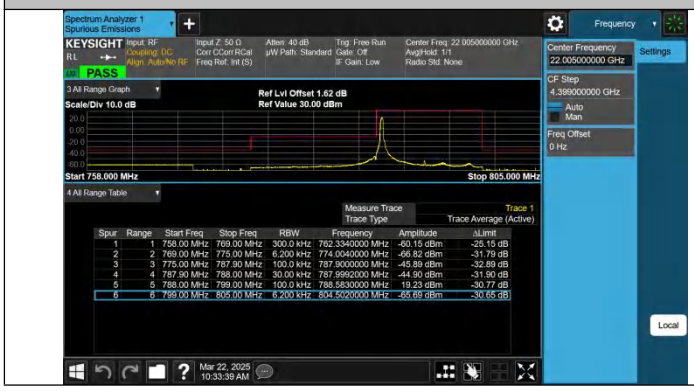
Band14-5MHz-QPSK-23305-1RB#24-PASS

Band14-5MHz-QPSK-23305-25RB#0-PASS

Band14-5MHz-QPSK-23355-1RB#0-PASS

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

Band14-5MHz-QPSK-23355-25RB#0-PASS



Band14-10MHz-QPSK-23330-1RB#0-PASS	Band14-10MHz-QPSK-23330-1RB#49-PASS
Band14-10MHz-QPSK-23330-50RB#0-PASS	

Spectrum emission mask

Test Result

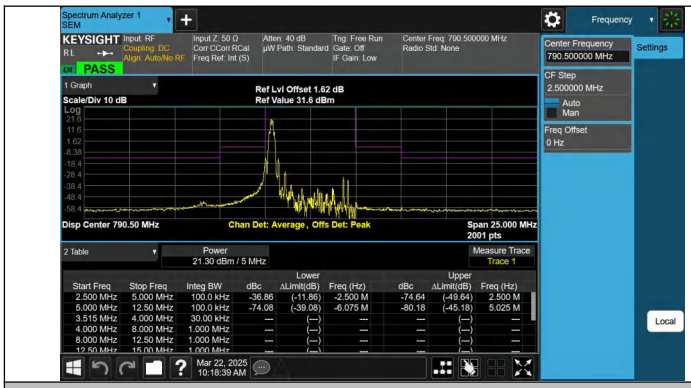
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result(dBm)	Margin(dB)	Limit(dBm)	Verdict
Band14	5MHz	QPSK	23305	1RB#0	784.42	-74.08	39.08	≤-35	PASS
Band14	5MHz	QPSK	23305	1RB#0	788.00	-36.86	11.86	≤-25	PASS
Band14	5MHz	QPSK	23305	1RB#0	793.00	-74.64	49.64	≤-25	PASS
Band14	5MHz	QPSK	23305	1RB#0	795.53	-80.18	45.18	≤-35	PASS
Band14	5MHz	QPSK	23305	1RB#24	785.22	-79.02	44.02	≤-35	PASS
Band14	5MHz	QPSK	23305	1RB#24	788.00	-76.34	51.34	≤-25	PASS
Band14	5MHz	QPSK	23305	1RB#24	793.00	-38.54	13.55	≤-25	PASS
Band14	5MHz	QPSK	23305	1RB#24	796.50	-71.07	36.07	≤-35	PASS
Band14	5MHz	QPSK	23305	25RB#0	783.90	-57	22.00	≤-35	PASS
Band14	5MHz	QPSK	23305	25RB#0	788.00	-46.61	21.61	≤-25	PASS
Band14	5MHz	QPSK	23305	25RB#0	793.00	-47.42	22.42	≤-25	PASS
Band14	5MHz	QPSK	23305	25RB#0	796.85	-56.6	21.60	≤-35	PASS
Band14	5MHz	QPSK	23355	1RB#0	789.52	-71.38	36.38	≤-35	PASS
Band14	5MHz	QPSK	23355	1RB#0	793.00	-38.51	13.51	≤-25	PASS
Band14	5MHz	QPSK	23355	1RB#0	798.00	-75.33	50.34	≤-25	PASS
Band14	5MHz	QPSK	23355	1RB#0	807.23	-81.28	46.28	≤-35	PASS
Band14	5MHz	QPSK	23355	1RB#24	788.30	-82.14	47.14	≤-35	PASS
Band14	5MHz	QPSK	23355	1RB#24	793.00	-77.88	52.88	≤-25	PASS
Band14	5MHz	QPSK	23355	1RB#24	798.00	-39.99	14.99	≤-25	PASS
Band14	5MHz	QPSK	23355	1RB#24	801.65	-74.34	39.34	≤-35	PASS
Band14	5MHz	QPSK	23355	25RB#0	789.80	-55.83	20.83	≤-35	PASS
Band14	5MHz	QPSK	23355	25RB#0	793.00	-47.94	22.94	≤-25	PASS
Band14	5MHz	QPSK	23355	25RB#0	798.00	-46.32	21.32	≤-25	PASS
Band14	5MHz	QPSK	23355	25RB#0	798.01	-47.49	22.49	≤-25	PASS
Band14	5MHz	QPSK	23355	25RB#0	800.83	-56.4	21.40	≤-35	PASS
Band14	5MHz	64QAM	23305	1RB#0	785.42	-75.68	40.69	≤-35	PASS
Band14	5MHz	64QAM	23305	1RB#0	787.99	-40.4	15.41	≤-25	PASS
Band14	5MHz	64QAM	23305	1RB#0	793.03	-77.57	52.58	≤-25	PASS
Band14	5MHz	64QAM	23305	1RB#0	796.80	-78.86	43.86	≤-35	PASS
Band14	5MHz	64QAM	23305	1RB#24	783.67	-79.07	44.07	≤-35	PASS
Band14	5MHz	64QAM	23305	1RB#24	786.21	-77.26	52.26	≤-25	PASS
Band14	5MHz	64QAM	23305	1RB#24	793.00	-40.06	15.06	≤-25	PASS
Band14	5MHz	64QAM	23305	1RB#24	796.33	-72.75	37.75	≤-35	PASS
Band14	5MHz	64QAM	23305	25RB#0	785.32	-58.39	23.39	≤-35	PASS

Band14	5MHz	64QAM	23305	25RB#0	788.00	-46.85	21.86	≤-25	PASS
Band14	5MHz	64QAM	23305	25RB#0	793.00	-46.36	21.37	≤-25	PASS
Band14	5MHz	64QAM	23305	25RB#0	795.50	-59.23	24.23	≤-35	PASS
Band14	5MHz	64QAM	23305	25RB#0	795.75	-58.52	23.53	≤-35	PASS
Band14	5MHz	64QAM	23355	1RB#0	790.42	-79.58	44.58	≤-35	PASS
Band14	5MHz	64QAM	23355	1RB#0	792.99	-45.05	20.06	≤-25	PASS
Band14	5MHz	64QAM	23355	1RB#0	800.50	-82.66	47.67	≤-35	PASS
Band14	5MHz	64QAM	23355	1RB#0	807.00	-81.03	46.03	≤-35	PASS
Band14	5MHz	64QAM	23355	1RB#24	789.37	-81.8	46.80	≤-35	PASS
Band14	5MHz	64QAM	23355	1RB#24	792.60	-80.49	55.49	≤-25	PASS
Band14	5MHz	64QAM	23355	1RB#24	798.00	-41.71	16.71	≤-25	PASS
Band14	5MHz	64QAM	23355	1RB#24	800.50	-76.07	41.06	≤-35	PASS
Band14	5MHz	64QAM	23355	1RB#24	800.60	-78.77	43.77	≤-35	PASS
Band14	5MHz	64QAM	23355	25RB#0	790.32	-56.29	21.29	≤-35	PASS
Band14	5MHz	64QAM	23355	25RB#0	793.00	-44.6	19.60	≤-25	PASS
Band14	5MHz	64QAM	23355	25RB#0	798.00	-47.03	22.03	≤-25	PASS
Band14	5MHz	64QAM	23355	25RB#0	800.75	-56.93	21.93	≤-35	PASS
Band14	5MHz	256QAM	23305	1RB#0	784.42	-75.49	40.49	≤-35	PASS
Band14	5MHz	256QAM	23305	1RB#0	788.00	-38.68	13.68	≤-25	PASS
Band14	5MHz	256QAM	23305	1RB#0	794.78	-70.18	45.18	≤-25	PASS
Band14	5MHz	256QAM	23305	1RB#0	795.73	-76.84	41.84	≤-35	PASS
Band14	5MHz	256QAM	23305	1RB#24	784.07	-77.59	42.59	≤-35	PASS
Band14	5MHz	256QAM	23305	1RB#24	786.25	-76.01	51.01	≤-25	PASS
Band14	5MHz	256QAM	23305	1RB#24	793.00	-42.31	17.31	≤-25	PASS
Band14	5MHz	256QAM	23305	1RB#24	793.01	-42.08	17.07	≤-25	PASS
Band14	5MHz	256QAM	23305	1RB#24	796.53	-76.55	41.54	≤-35	PASS
Band14	5MHz	256QAM	23305	25RB#0	785.35	-60.32	25.32	≤-35	PASS
Band14	5MHz	256QAM	23305	25RB#0	787.99	-49.26	24.26	≤-25	PASS
Band14	5MHz	256QAM	23305	25RB#0	793.00	-45.74	20.74	≤-25	PASS
Band14	5MHz	256QAM	23305	25RB#0	793.01	-49.11	24.11	≤-25	PASS
Band14	5MHz	256QAM	23305	25RB#0	795.70	-61.33	26.33	≤-35	PASS
Band14	5MHz	256QAM	23355	1RB#0	790.47	-75.45	40.45	≤-35	PASS
Band14	5MHz	256QAM	23355	1RB#0	792.99	-40.04	15.03	≤-25	PASS
Band14	5MHz	256QAM	23355	1RB#0	799.81	-70.63	45.63	≤-25	PASS
Band14	5MHz	256QAM	23355	1RB#0	802.88	-76.7	41.69	≤-35	PASS
Band14	5MHz	256QAM	23355	1RB#24	790.35	-78.83	43.82	≤-35	PASS
Band14	5MHz	256QAM	23355	1RB#24	791.22	-77.3	52.30	≤-25	PASS
Band14	5MHz	256QAM	23355	1RB#24	798.00	-44.64	19.64	≤-25	PASS
Band14	5MHz	256QAM	23355	1RB#24	800.73	-77.3	42.30	≤-35	PASS
Band14	5MHz	256QAM	23355	25RB#0	790.35	-58.23	23.23	≤-35	PASS
Band14	5MHz	256QAM	23355	25RB#0	793.00	-47.13	22.13	≤-25	PASS

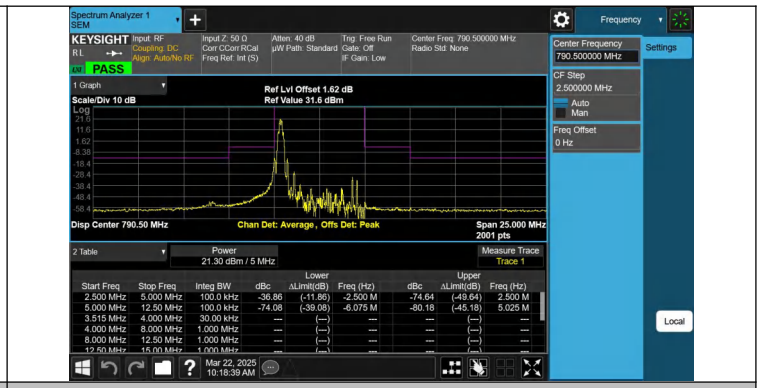
Band14	5MHz	256QAM	23355	25RB#0	798.00	-48.33	23.33	≤-25	PASS
Band14	5MHz	256QAM	23355	25RB#0	800.78	-59.04	24.04	≤-35	PASS
Band14	5MHz	16QAM	23305	1RB#0	784.32	-75.93	40.93	≤-35	PASS
Band14	5MHz	16QAM	23305	1RB#0	788.00	-42.85	17.85	≤-25	PASS
Band14	5MHz	16QAM	23305	1RB#0	793.00	-79.79	54.78	≤-25	PASS
Band14	5MHz	16QAM	23305	1RB#0	793.01	-77.62	52.62	≤-25	PASS
Band14	5MHz	16QAM	23305	1RB#0	795.68	-82.44	47.44	≤-35	PASS
Band14	5MHz	16QAM	23305	1RB#24	781.07	-81.32	46.32	≤-35	PASS
Band14	5MHz	16QAM	23305	1RB#24	787.40	-80.36	55.36	≤-25	PASS
Band14	5MHz	16QAM	23305	1RB#24	793.00	-40.24	15.24	≤-25	PASS
Band14	5MHz	16QAM	23305	1RB#24	796.63	-74.26	39.26	≤-35	PASS
Band14	5MHz	16QAM	23305	25RB#0	785.32	-58.76	23.76	≤-35	PASS
Band14	5MHz	16QAM	23305	25RB#0	787.97	-48.24	23.24	≤-25	PASS
Band14	5MHz	16QAM	23305	25RB#0	793.00	-48.75	23.75	≤-25	PASS
Band14	5MHz	16QAM	23305	25RB#0	795.83	-58.76	23.75	≤-35	PASS
Band14	5MHz	16QAM	23355	1RB#0	789.22	-75.09	40.10	≤-35	PASS
Band14	5MHz	16QAM	23355	1RB#0	793.00	-39.69	14.69	≤-25	PASS
Band14	5MHz	16QAM	23355	1RB#0	799.73	-79.49	54.50	≤-25	PASS
Band14	5MHz	16QAM	23355	1RB#0	800.88	-80.61	45.62	≤-35	PASS
Band14	5MHz	16QAM	23355	1RB#24	790.30	-80.35	45.35	≤-35	PASS
Band14	5MHz	16QAM	23355	1RB#24	793.00	-76.5	51.50	≤-25	PASS
Band14	5MHz	16QAM	23355	1RB#24	798.00	-40.28	15.28	≤-25	PASS
Band14	5MHz	16QAM	23355	1RB#24	801.68	-74.63	39.63	≤-35	PASS
Band14	5MHz	16QAM	23355	25RB#0	790.12	-58.02	23.02	≤-35	PASS
Band14	5MHz	16QAM	23355	25RB#0	793.00	-48.08	23.08	≤-25	PASS
Band14	5MHz	16QAM	23355	25RB#0	798.00	-48.62	23.62	≤-25	PASS
Band14	5MHz	16QAM	23355	25RB#0	798.01	-48.34	23.34	≤-25	PASS
Band14	5MHz	16QAM	23355	25RB#0	800.63	-57.19	22.19	≤-35	PASS
Band14	10MHz	QPSK	23330	1RB#0	782.35	-79.94	44.94	≤-35	PASS
Band14	10MHz	QPSK	23330	1RB#0	788.00	-54.87	29.86	≤-25	PASS
Band14	10MHz	QPSK	23330	1RB#0	798.00	-73.75	48.74	≤-25	PASS
Band14	10MHz	QPSK	23330	1RB#0	810.90	-82.57	47.57	≤-35	PASS
Band14	10MHz	QPSK	23330	1RB#49	782.57	-84.09	49.10	≤-35	PASS
Band14	10MHz	QPSK	23330	1RB#49	788.00	-76.49	51.49	≤-25	PASS
Band14	10MHz	QPSK	23330	1RB#49	798.00	-56.11	31.11	≤-25	PASS
Band14	10MHz	QPSK	23330	1RB#49	803.55	-80.6	45.60	≤-35	PASS
Band14	10MHz	QPSK	23330	50RB#0	782.50	-60	25.00	≤-35	PASS
Band14	10MHz	QPSK	23330	50RB#0	788.00	-52.88	27.87	≤-25	PASS
Band14	10MHz	QPSK	23330	50RB#0	798.00	-55.27	30.27	≤-25	PASS
Band14	10MHz	QPSK	23330	50RB#0	806.15	-64.09	29.09	≤-35	PASS
Band14	10MHz	64QAM	23330	1RB#0	782.80	-81.05	46.04	≤-35	PASS

Band14	10MHz	64QAM	23330	1RB#0	788.00	-61.09	36.09	≤-25	PASS
Band14	10MHz	64QAM	23330	1RB#0	802.78	-81.47	56.46	≤-25	PASS
Band14	10MHz	64QAM	23330	1RB#0	814.10	-81.72	46.71	≤-35	PASS
Band14	10MHz	64QAM	23330	1RB#49	780.02	-77.02	42.01	≤-35	PASS
Band14	10MHz	64QAM	23330	1RB#49	784.62	-76.21	51.21	≤-25	PASS
Band14	10MHz	64QAM	23330	1RB#49	798.00	-50.68	25.67	≤-25	PASS
Band14	10MHz	64QAM	23330	1RB#49	805.70	-77.03	42.03	≤-35	PASS
Band14	10MHz	64QAM	23330	50RB#0	782.62	-61.61	26.62	≤-35	PASS
Band14	10MHz	64QAM	23330	50RB#0	788.00	-56.04	31.05	≤-25	PASS
Band14	10MHz	64QAM	23330	50RB#0	798.05	-56.45	31.45	≤-25	PASS
Band14	10MHz	64QAM	23330	50RB#0	803.05	-66.13	31.14	≤-35	PASS
Band14	10MHz	256QAM	23330	1RB#0	781.12	-78.17	43.17	≤-35	PASS
Band14	10MHz	256QAM	23330	1RB#0	787.97	-59.3	34.29	≤-25	PASS
Band14	10MHz	256QAM	23330	1RB#0	801.83	-72.52	47.51	≤-25	PASS
Band14	10MHz	256QAM	23330	1RB#0	808.88	-78.33	43.33	≤-35	PASS
Band14	10MHz	256QAM	23330	1RB#49	776.87	-77.95	42.96	≤-35	PASS
Band14	10MHz	256QAM	23330	1RB#49	784.10	-74.86	49.86	≤-25	PASS
Band14	10MHz	256QAM	23330	1RB#49	798.00	-57.51	32.51	≤-25	PASS
Band14	10MHz	256QAM	23330	1RB#49	815.95	-77.51	42.51	≤-35	PASS
Band14	10MHz	256QAM	23330	50RB#0	783.00	-61.26	26.27	≤-35	PASS
Band14	10MHz	256QAM	23330	50RB#0	788.00	-55.27	30.28	≤-25	PASS
Band14	10MHz	256QAM	23330	50RB#0	798.03	-56.09	31.10	≤-25	PASS
Band14	10MHz	256QAM	23330	50RB#0	803.13	-66	31.00	≤-35	PASS
Band14	10MHz	16QAM	23330	1RB#0	782.60	-76.4	41.40	≤-35	PASS
Band14	10MHz	16QAM	23330	1RB#0	788.00	-55.62	30.62	≤-25	PASS
Band14	10MHz	16QAM	23330	1RB#0	798.00	-74.38	49.38	≤-25	PASS
Band14	10MHz	16QAM	23330	1RB#0	813.45	-81.32	46.31	≤-35	PASS
Band14	10MHz	16QAM	23330	1RB#49	771.10	-82.55	47.55	≤-35	PASS
Band14	10MHz	16QAM	23330	1RB#49	787.97	-76.15	51.14	≤-25	PASS
Band14	10MHz	16QAM	23330	1RB#49	798.00	-53.83	28.83	≤-25	PASS
Band14	10MHz	16QAM	23330	1RB#49	806.18	-79.72	44.71	≤-35	PASS
Band14	10MHz	16QAM	23330	50RB#0	782.57	-60.42	25.41	≤-35	PASS
Band14	10MHz	16QAM	23330	50RB#0	787.97	-55.56	30.56	≤-25	PASS
Band14	10MHz	16QAM	23330	50RB#0	798.00	-54.47	29.47	≤-25	PASS
Band14	10MHz	16QAM	23330	50RB#0	803.38	-65.67	30.66	≤-35	PASS

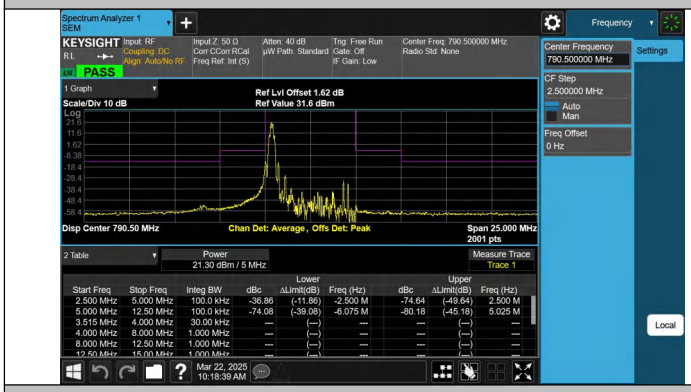
Test Graphs



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



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



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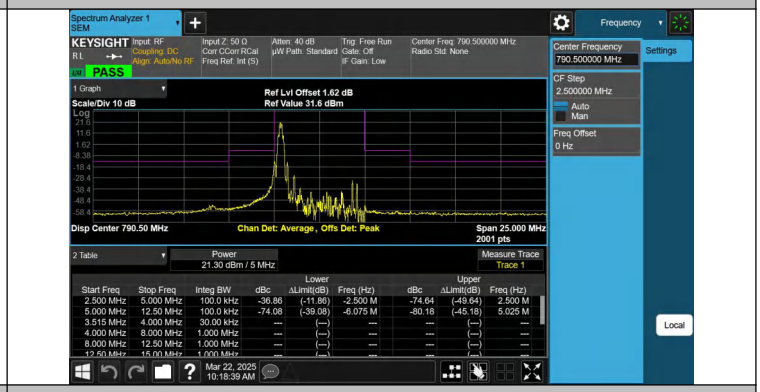

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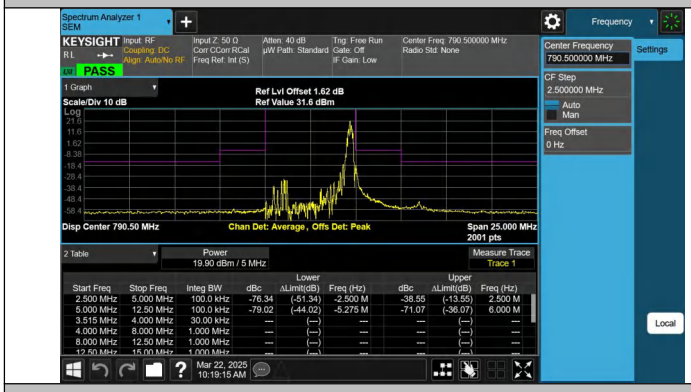

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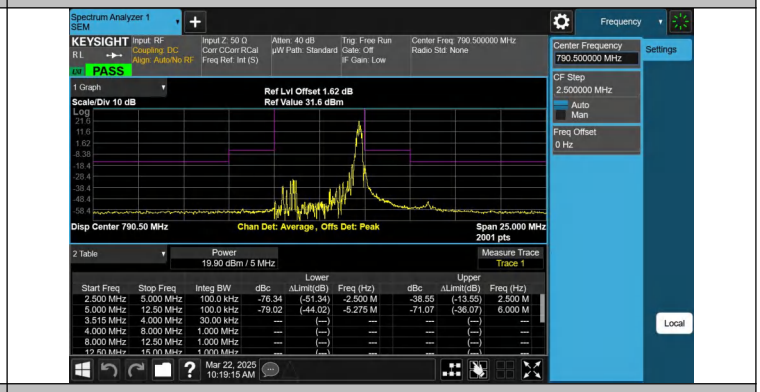

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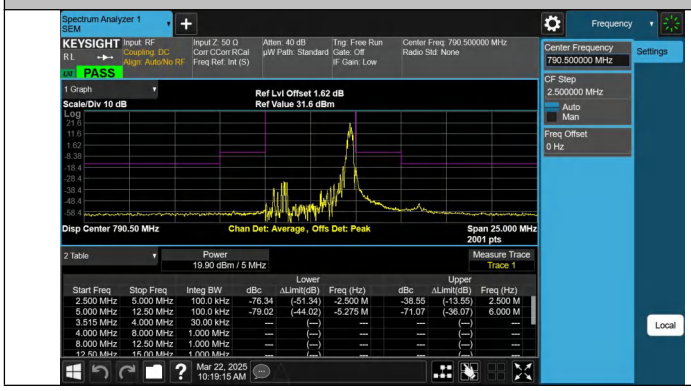

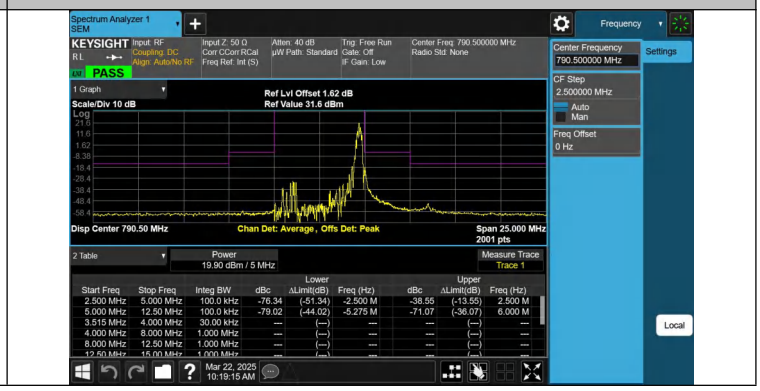

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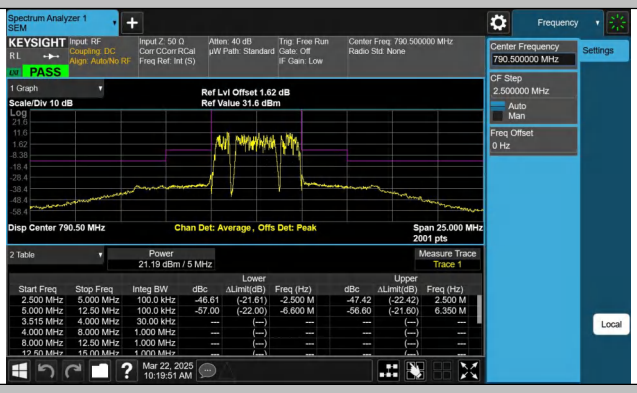
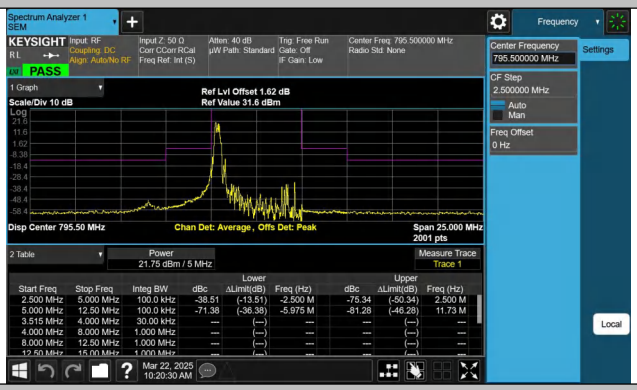


NTNV-Band14-5MHz-QPSK-23305-1RB#24-5.00-12.50-PASS

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

NTNV-Band14-5MHz-QPSK-23305-25RB#0--5.00--2.50-PASS

NTNV-Band14-5MHz-QPSK-23305-25RB#0--2.50-2.50-PASS



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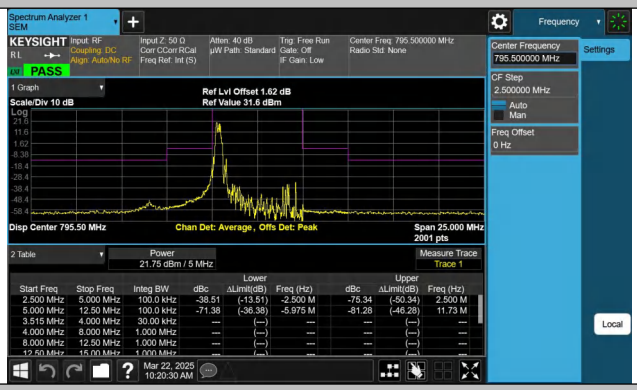

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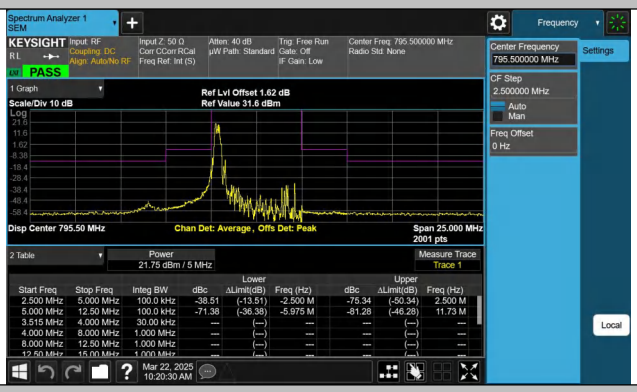

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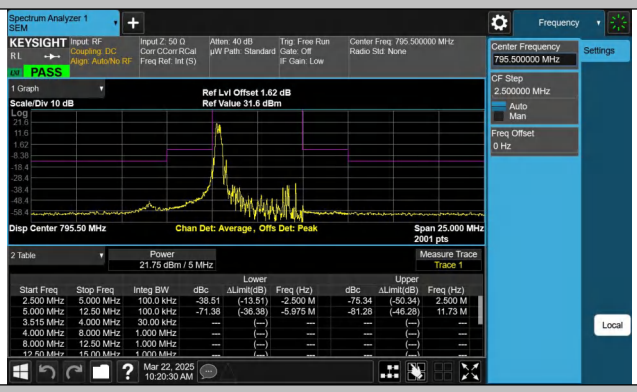

NTNV-Band14-5MHz-QPSK-23355-1RB#0--2.50-2.50-PASS

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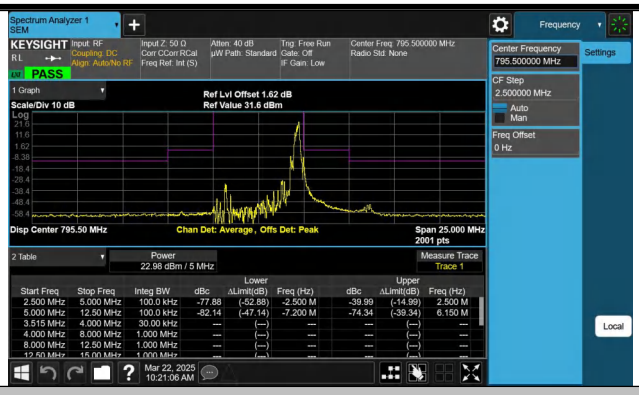

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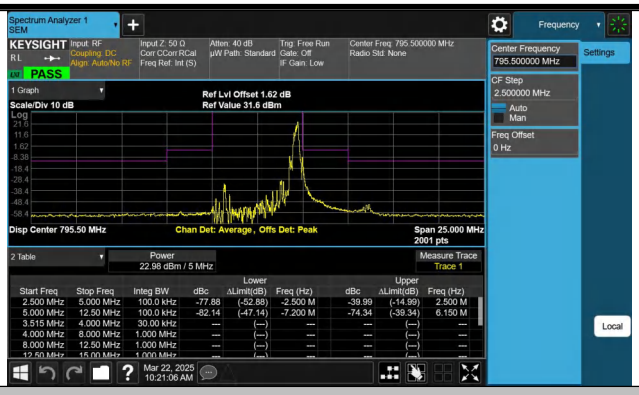

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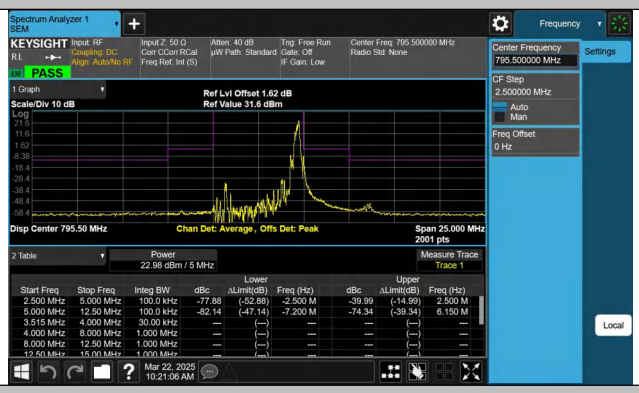

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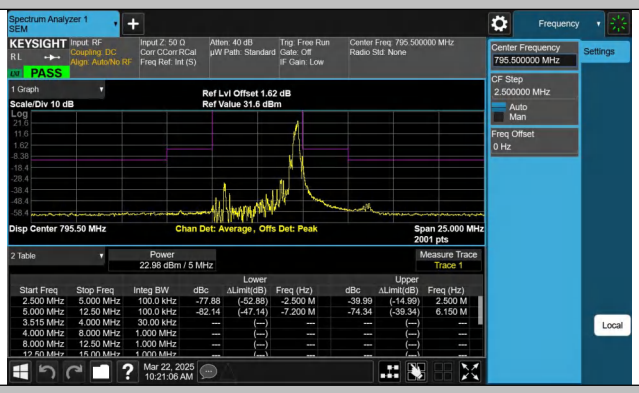

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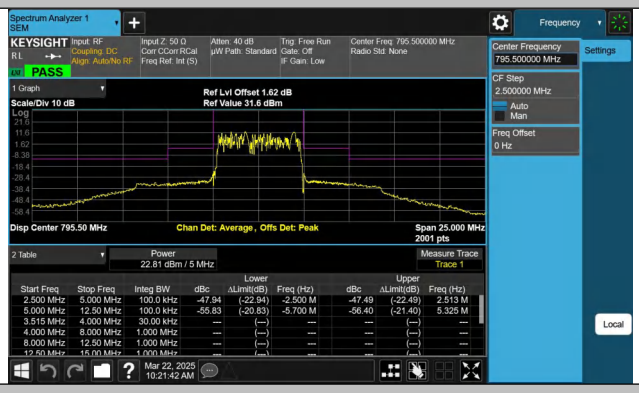

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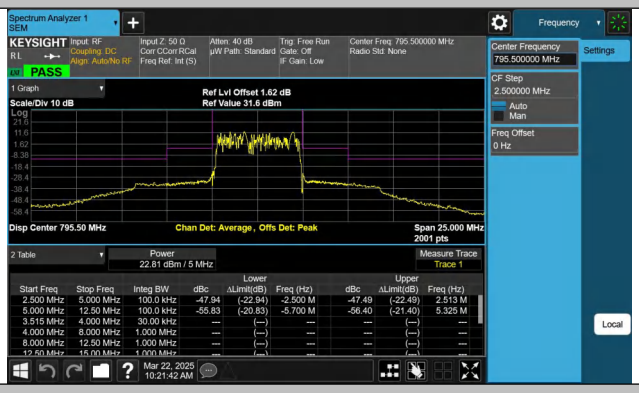
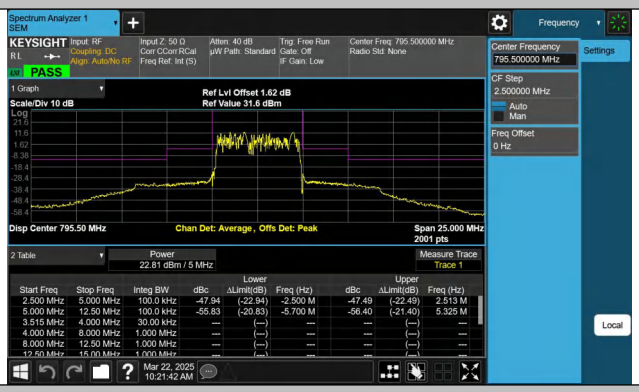


NTNV-Band14-5MHz-QPSK-23355-25RB#0--5.00--2.50-PASS

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



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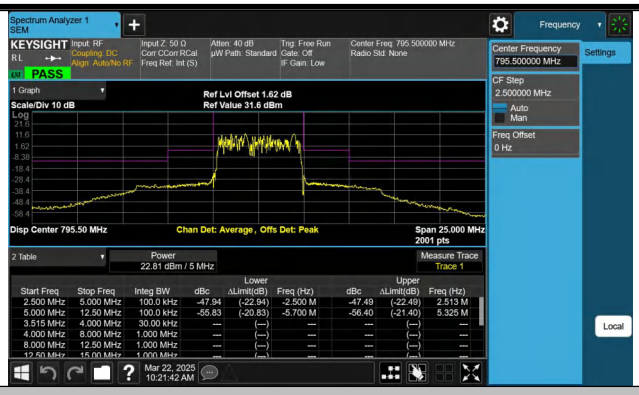

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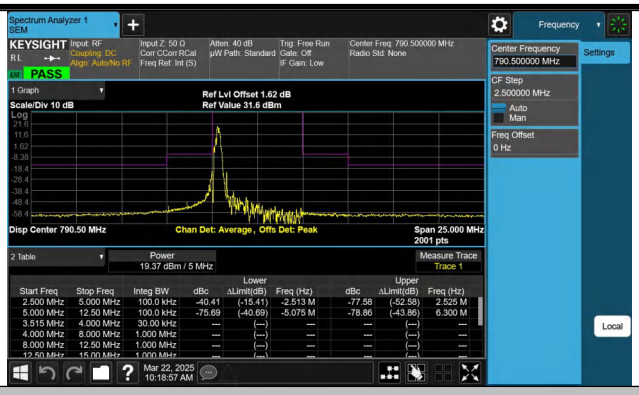

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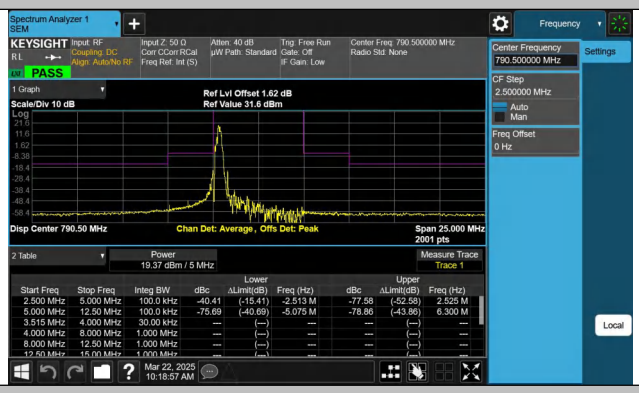

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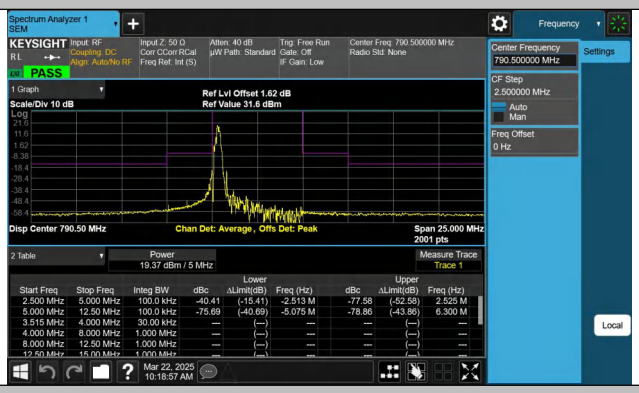

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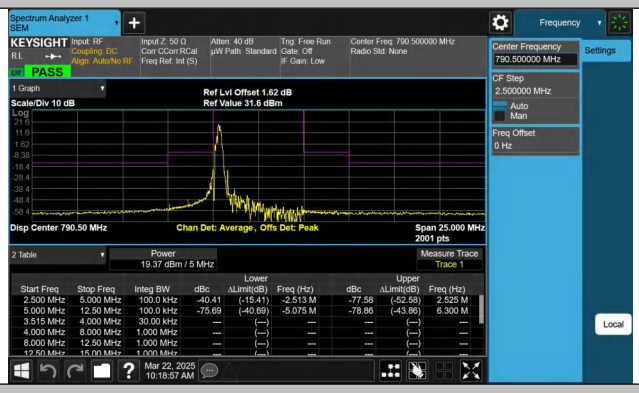

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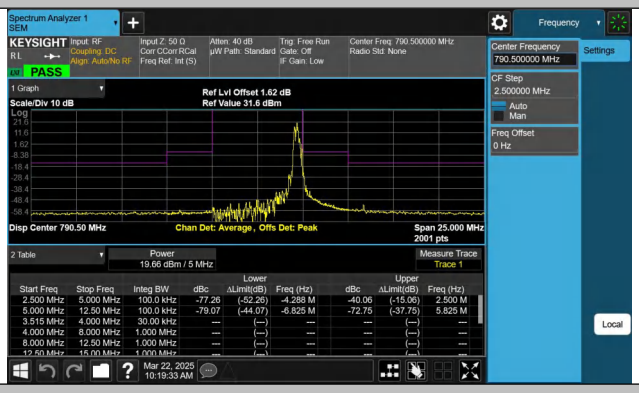
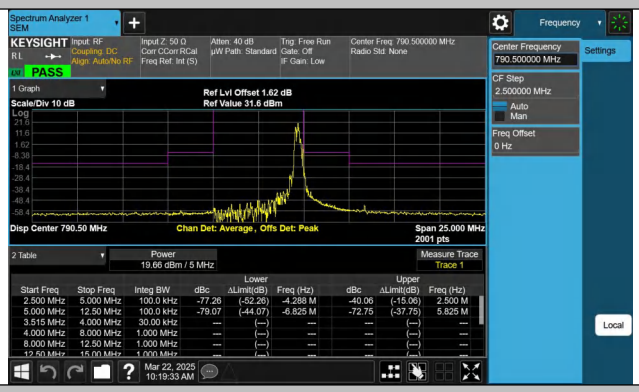
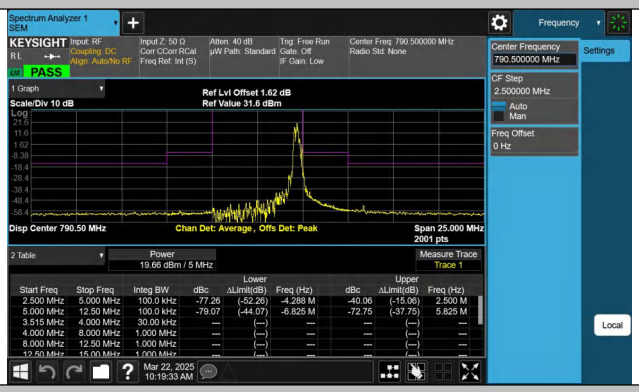


NTNV-Band14-5MHz-64QAM-23305-1RB#24--12.50--5.00-PASS



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



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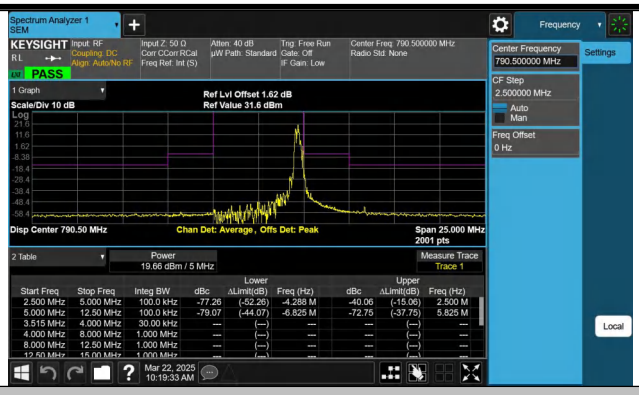
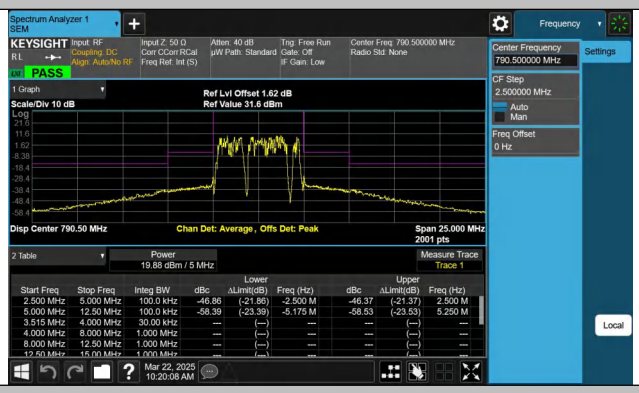


NTNV-Band14-5MHz-64QAM-23305-1RB#24-5.00-12.50-PASS

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

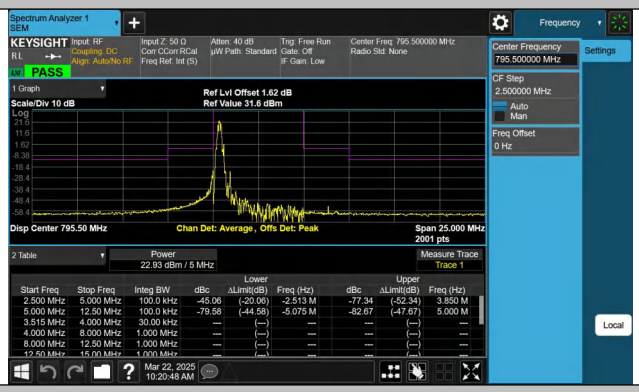


NTNV-Band14-5MHz-64QAM-23305-25RB#0--5.00--2.50-PASS

NTNV-Band14-5MHz-64QAM-23305-25RB#0--2.50-2.50-PASS

NTNV-Band14-5MHz-64QAM-23305-25RB#0-2.50-5.00-PASS

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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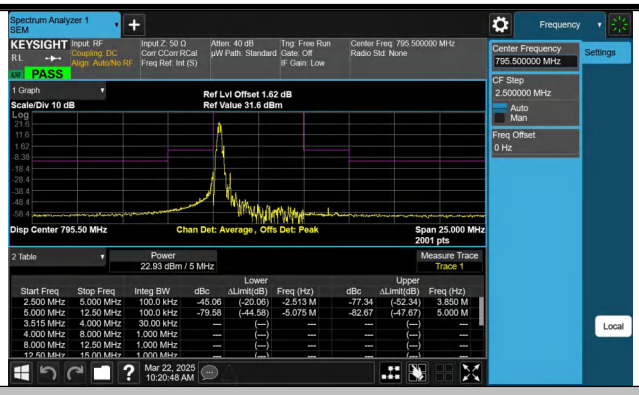

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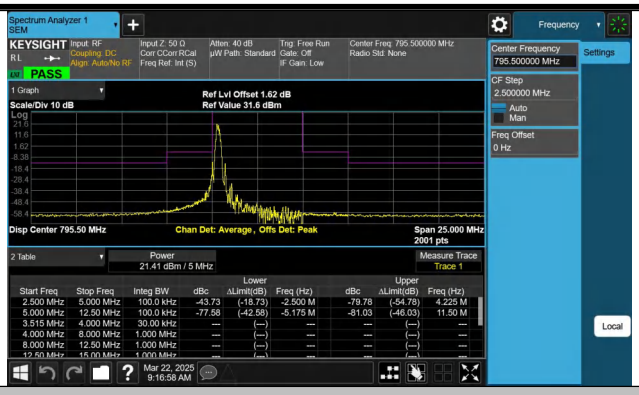
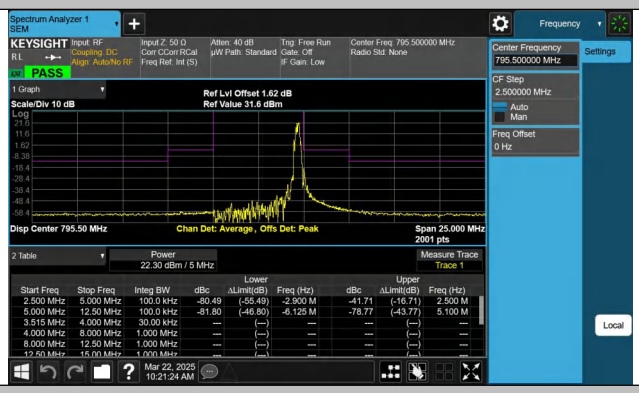
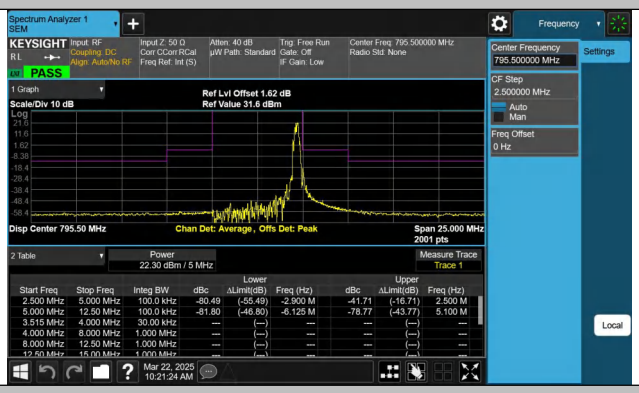


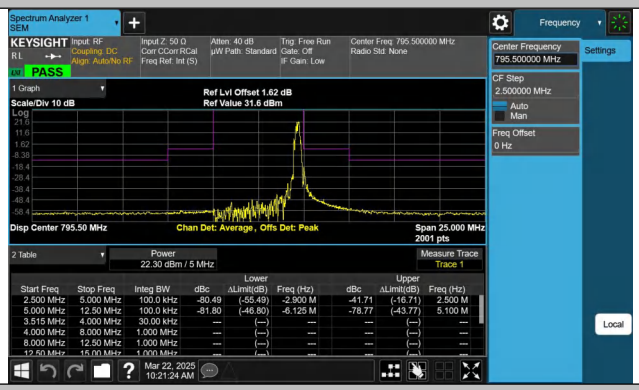
NTNV-Band14-5MHz-64QAM-23355-1RB#0-5.00-12.50-PASS



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



NTNV-Band14-5MHz-64QAM-23355-1RB#24--5.00--2.50-PASS



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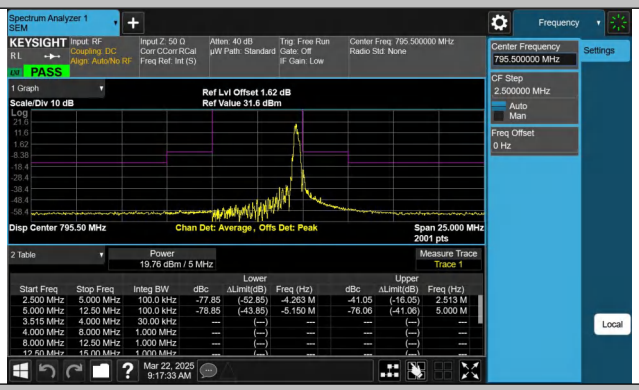

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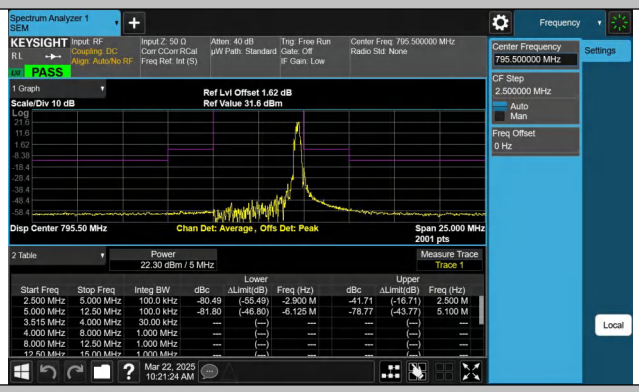
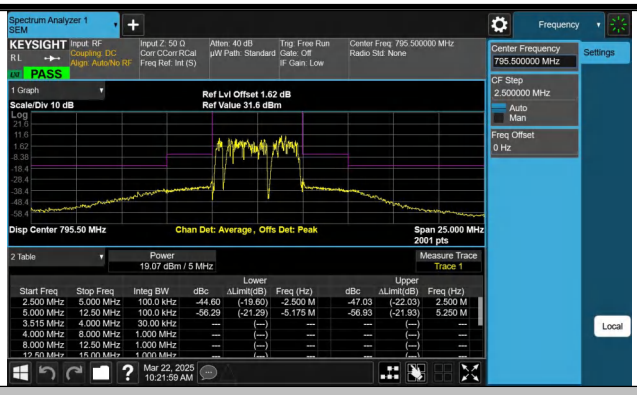


NTNV-Band14-5MHz-64QAM-23355-1RB#24-5.00-12.50-PASS

NTNV-Band14-5MHz-64QAM-23355-25RB#0--12.50--5.00-PASS

NTNV-Band14-5MHz-64QAM-23355-25RB#0--5.00--2.50-PASS



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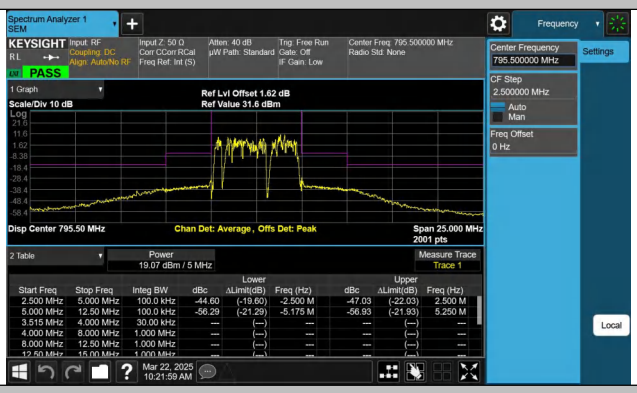
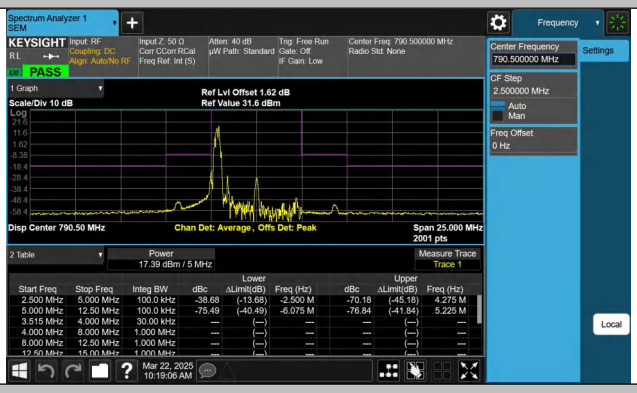


NTNV-Band14-5MHz-64QAM-23355-25RB#0-5.00-12.50-PASS

NTNV-Band14-5MHz-256QAM-23305-1RB#0--12.50--5.00-PASS



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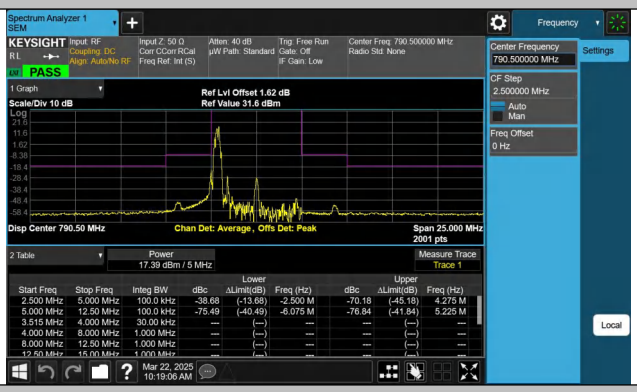
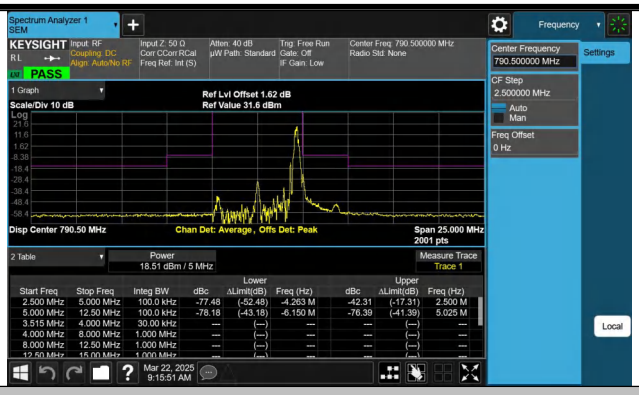


NTNV-Band14-5MHz-256QAM-23305-1RB#0-5.00-12.50-PASS

NTNV-Band14-5MHz-256QAM-23305-1RB#24--12.50--5.00-PASS

NTNV-Band14-5MHz-256QAM-23305-1RB#24--5.00--2.50-PASS



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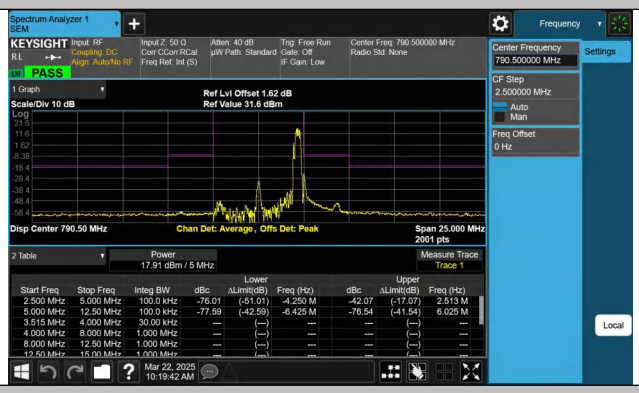
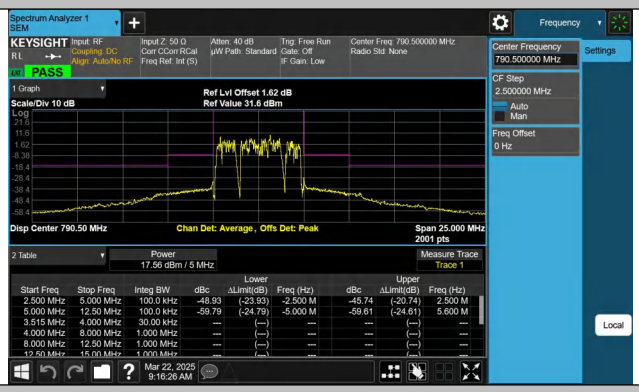


NTNV-Band14-5MHz-256QAM-23305-1RB#24-2.50-5.00-PASS

NTNV-Band14-5MHz-256QAM-23305-1RB#24-5.00-12.50-PASS

NTNV-Band14-5MHz-256QAM-23305-25RB#0--12.50--5.00-PASS

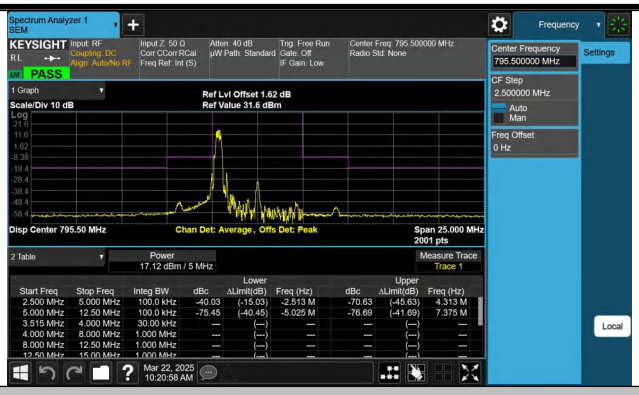
NTNV-Band14-5MHz-256QAM-23305-25RB#0--5.00--2.50-PASS



NTNV-Band14-5MHz-256QAM-23305-25RB#0--2.50-2.50-PASS

NTNV-Band14-5MHz-256QAM-23305-25RB#0-2.50-5.00-PASS

NTNV-Band14-5MHz-256QAM-23305-25RB#0-5.00-12.50-PASS



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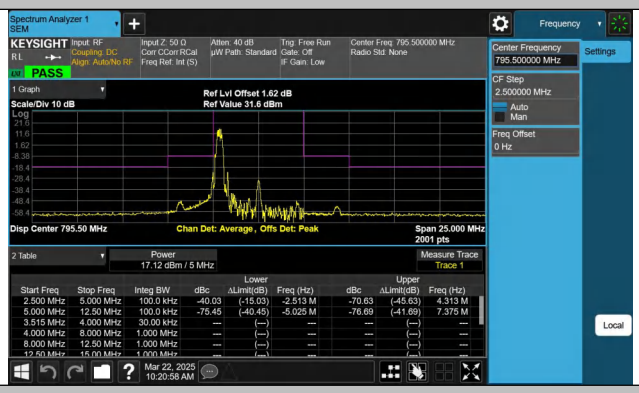

NTNV-Band14-5MHz-256QAM-23355-1RB#0--5.00--2.50-PASS

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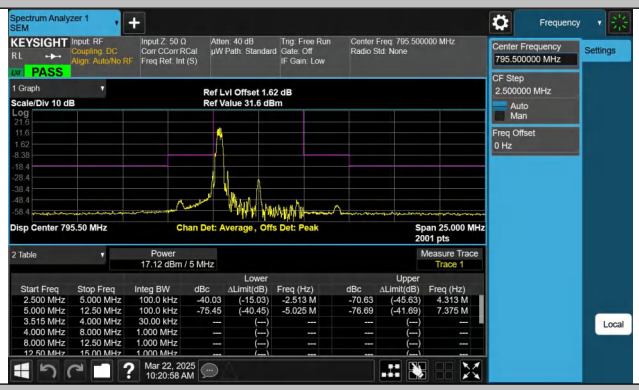

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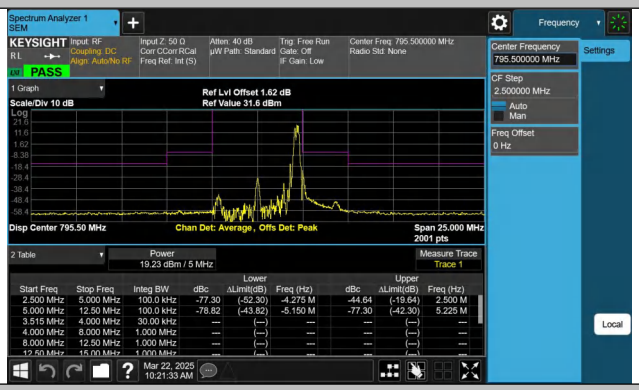

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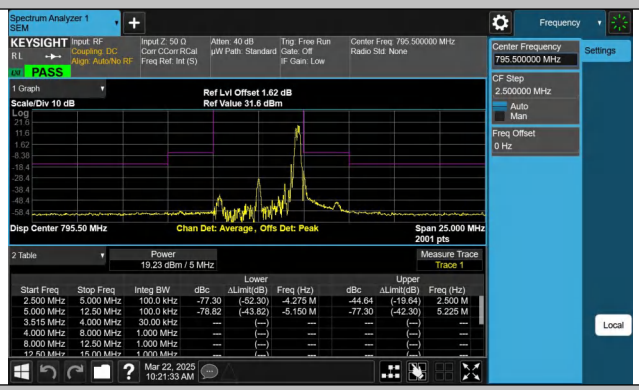
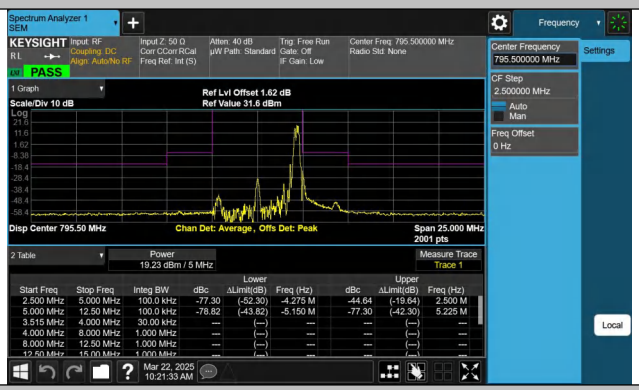


NTNV-Band14-5MHz-256QAM-23355-1RB#24--5.00--2.50-PASS



NTNV-Band14-5MHz-256QAM-23355-1RB#24--2.50-2.50-PASS

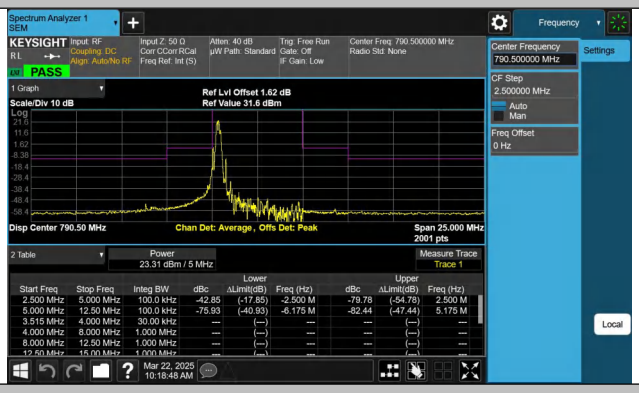
NTNV-Band14-5MHz-256QAM-23355-1RB#24-5.00-12.50-PASS

NTNV-Band14-5MHz-256QAM-23355-25RB#0--12.50--5.00-PASS

NTNV-Band14-5MHz-256QAM-23355-25RB#0--5.00--2.50-PASS

NTNV-Band14-5MHz-256QAM-23355-25RB#0--2.50-2.50-PASS

NTNV-Band14-5MHz-256QAM-23355-25RB#0-5.00-12.50-PASS



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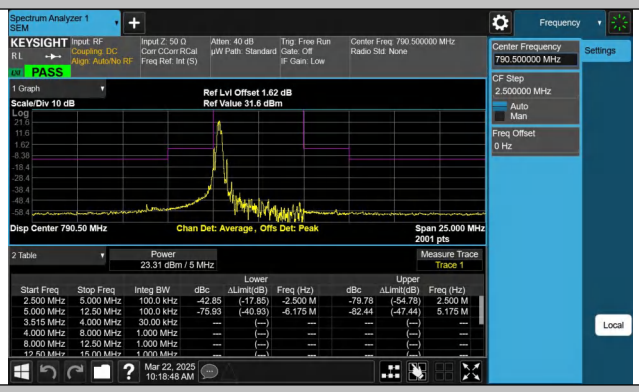

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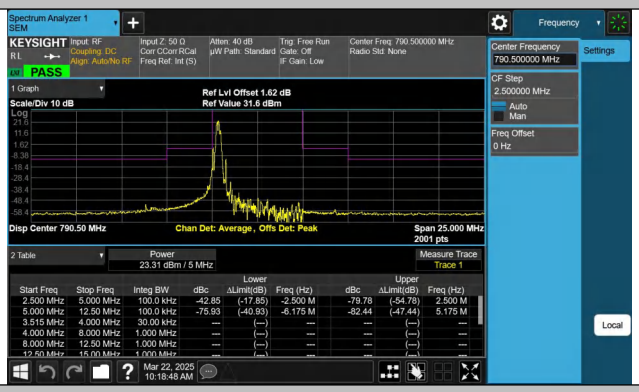

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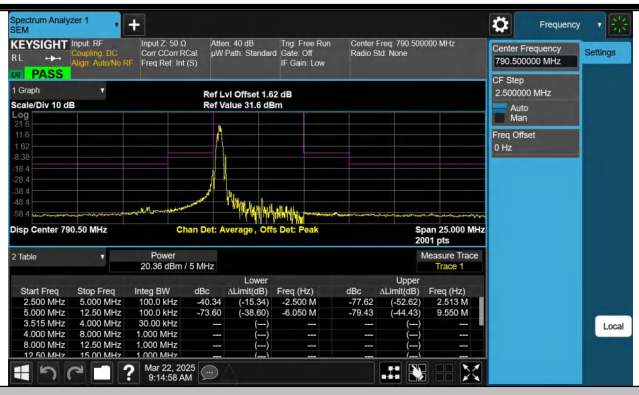

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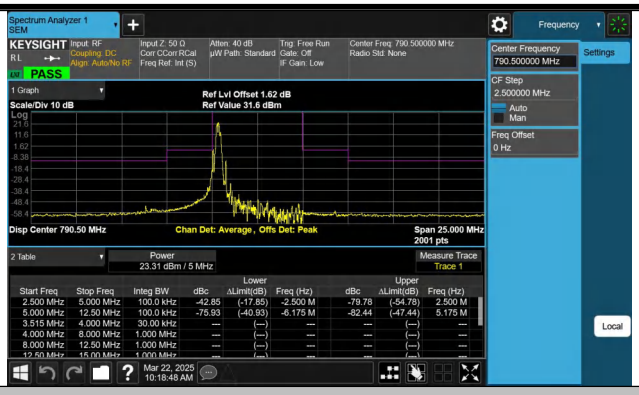

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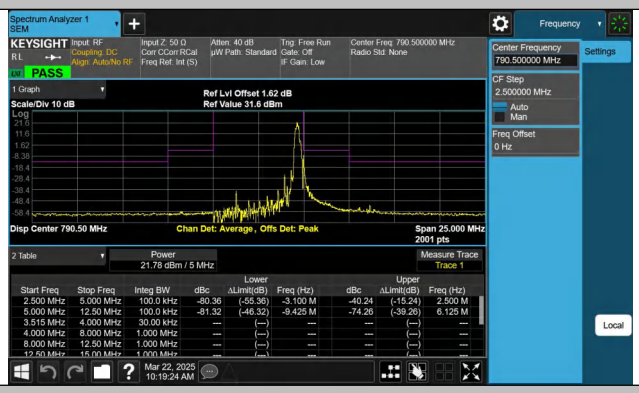
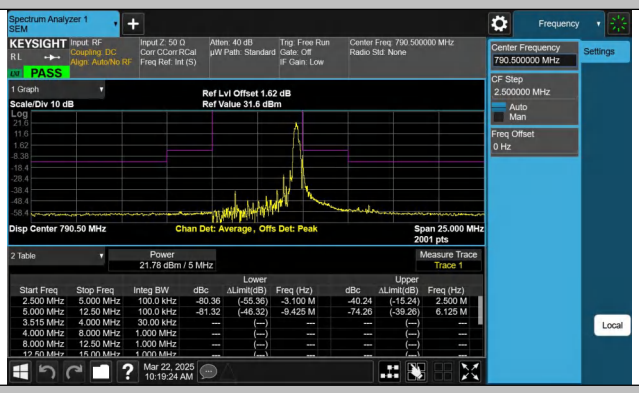
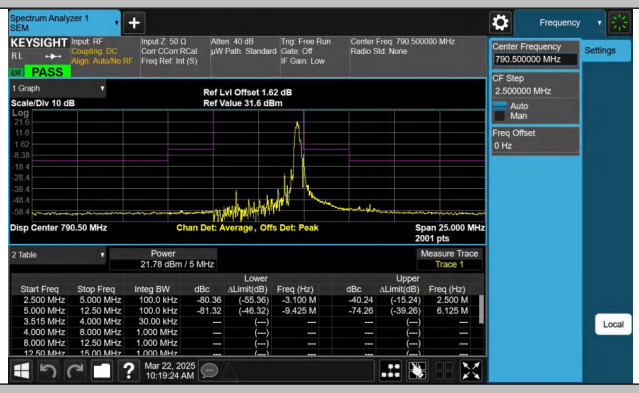


NTNV-Band14-5MHz-16QAM-23305-1RB#24--12.50--5.00-PASS



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



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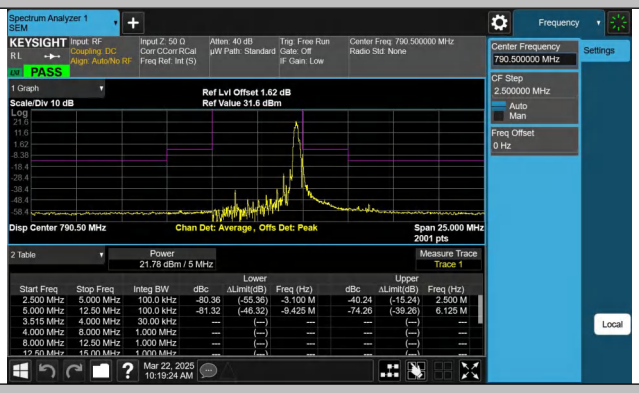


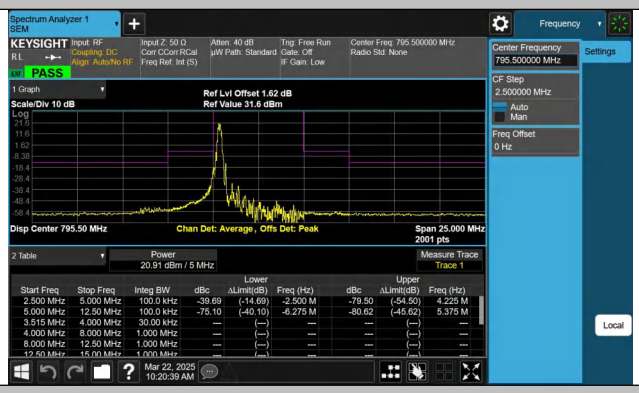
NTNV-Band14-5MHz-16QAM-23305-1RB#24-5.00-12.50-PASS

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

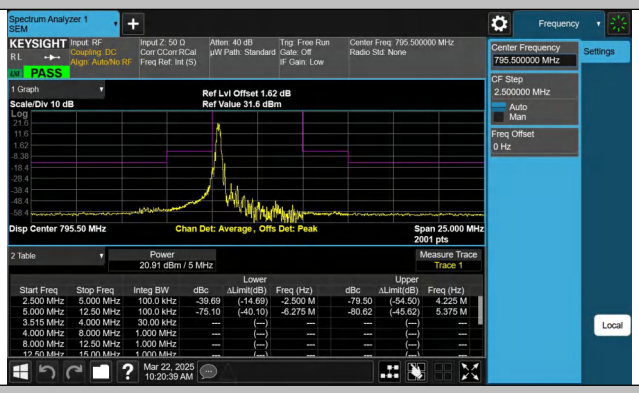
NTNV-Band14-5MHz-16QAM-23305-25RB#0--5.00--2.50-PASS

NTNV-Band14-5MHz-16QAM-23305-25RB#0--2.50-2.50-PASS

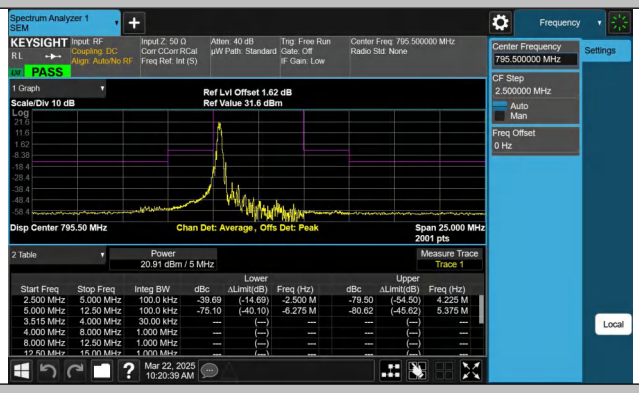
NTNV-Band14-5MHz-16QAM-23305-25RB#0-5.00-12.50-PASS



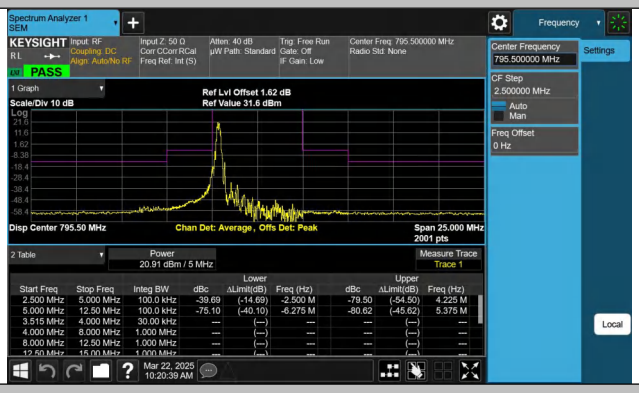
NTNV-Band14-5MHz-16QAM-23355-1RB#0--12.50--5.00-PASS



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



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



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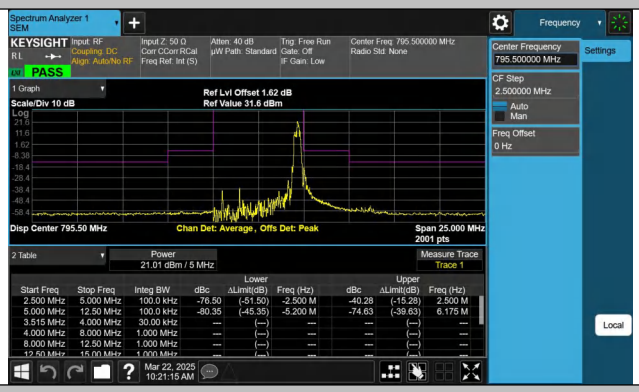
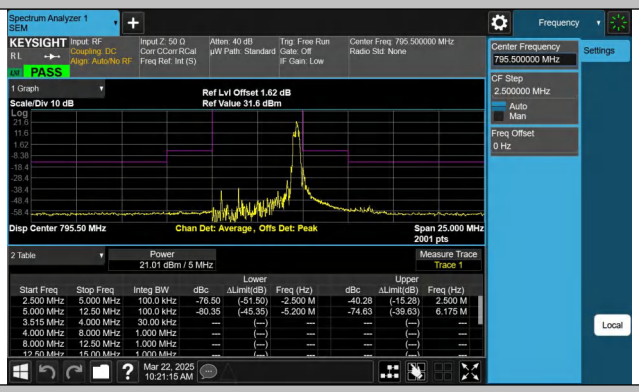
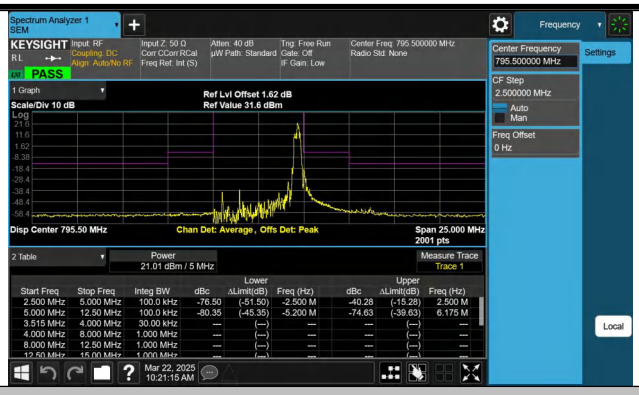


NTNV-Band14-5MHz-16QAM-23355-1RB#24--12.50--5.00-PASS



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



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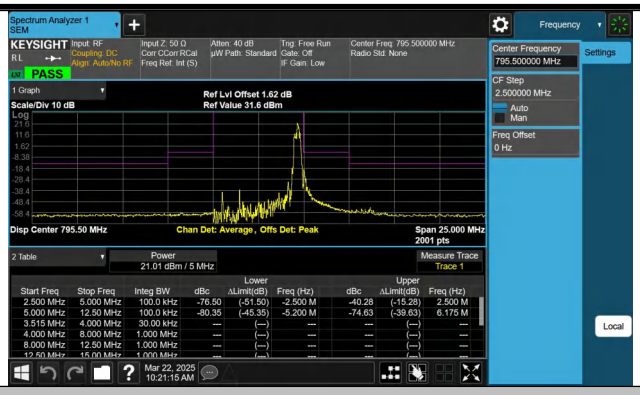
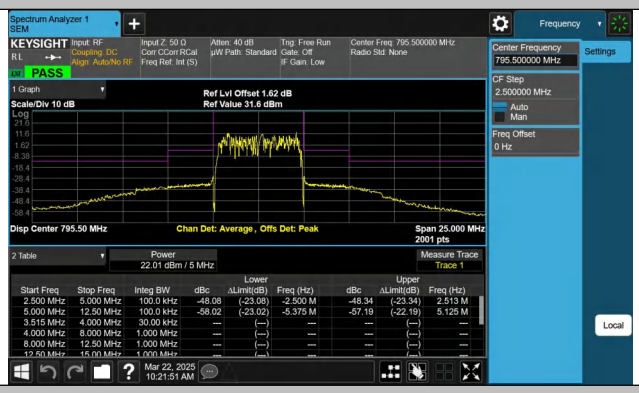


NTNV-Band14-5MHz-16QAM-23355-1RB#24-5.00-12.50-PASS



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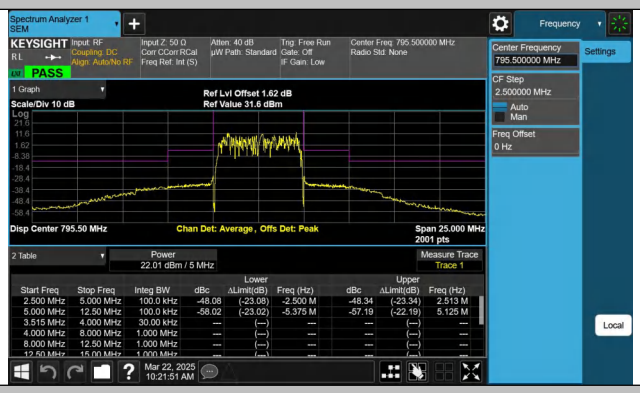
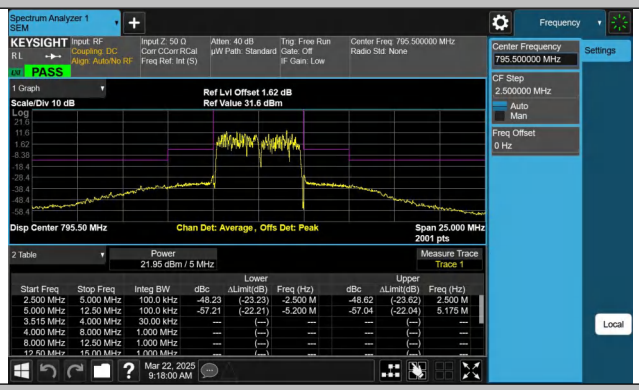


NTNV-Band14-5MHz-16QAM-23355-25RB#0--5.00--2.50-PASS



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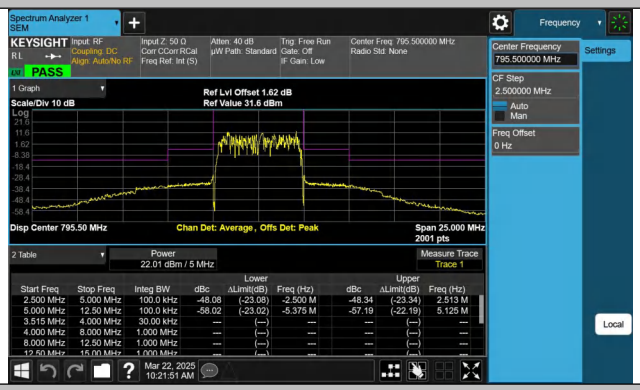
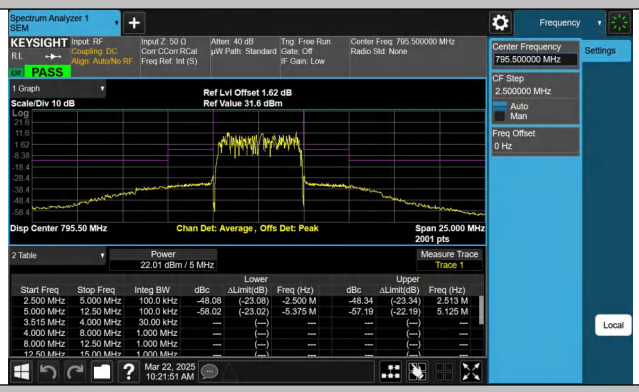
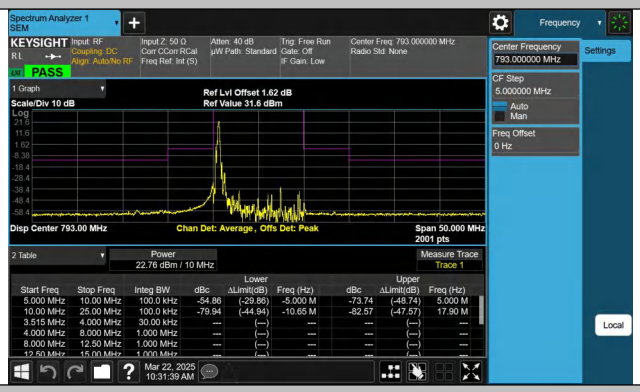


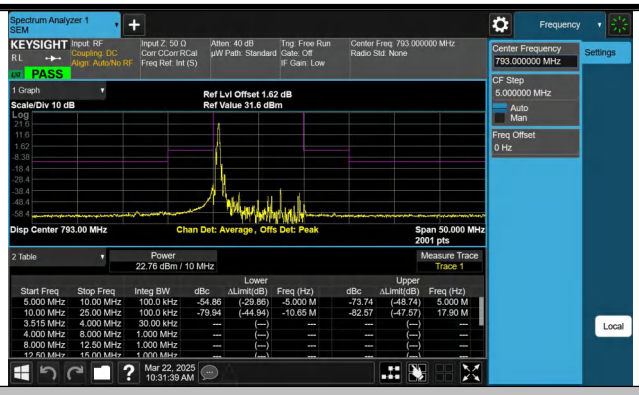
NTNV-Band14-5MHz-16QAM-23355-25RB#0-2.50-5.00-PASS



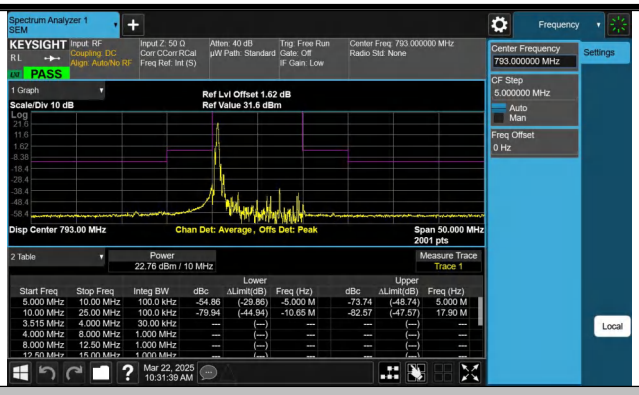
NTNV-Band14-5MHz-16QAM-23355-25RB#0-5.00-12.50-PASS



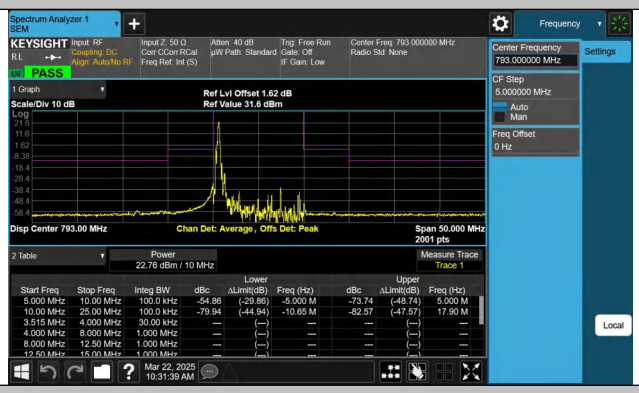
NTNV-Band14-10MHz-QPSK-23330-1RB#0--25.00--10.00-PASS



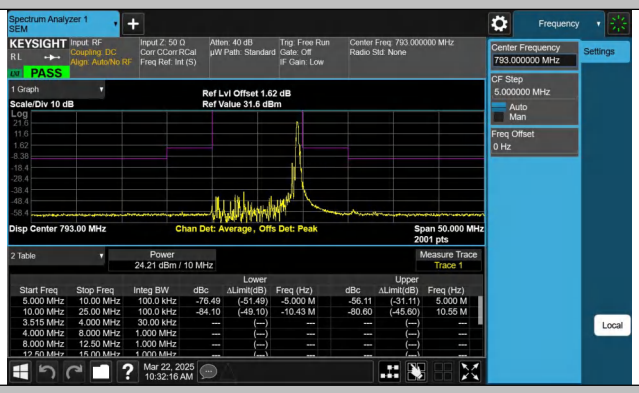
NTNV-Band14-10MHz-QPSK-23330-1RB#0--10.00--5.00-PASS



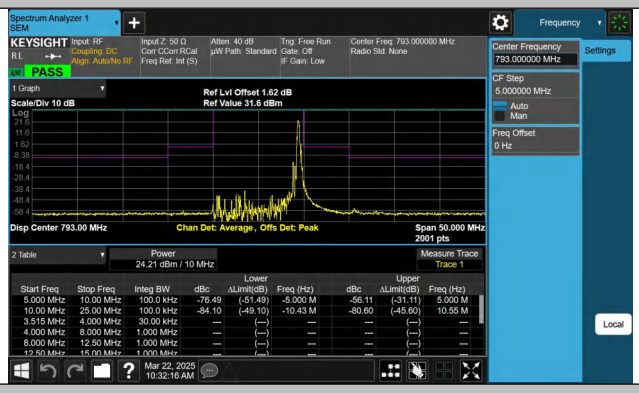
NTNV-Band14-10MHz-QPSK-23330-1RB#0--5.00-5.00-PASS



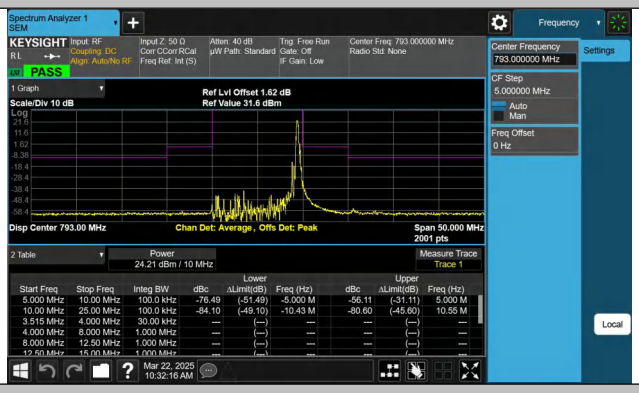
NTNV-Band14-10MHz-QPSK-23330-1RB#0-10.00-25.00-PASS



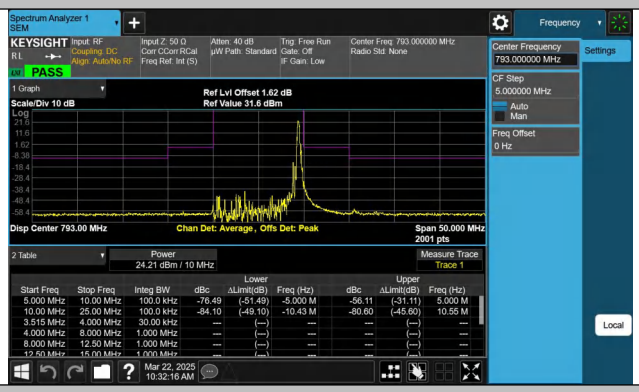
NTNV-Band14-10MHz-QPSK-23330-1RB#49--25.00--10.00-PASS



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



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



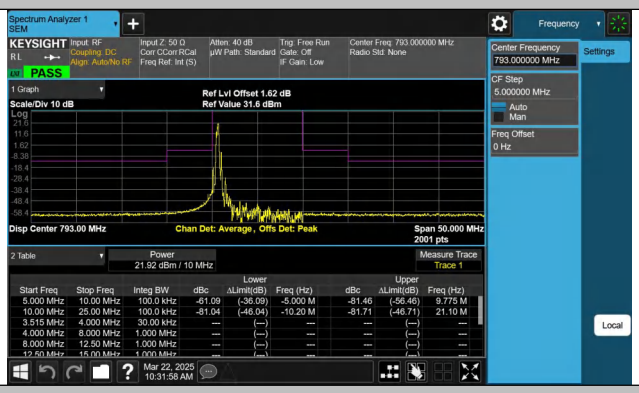
NTNV-Band14-10MHz-QPSK-23330-1RB#49-10.00-25.00-PASS

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

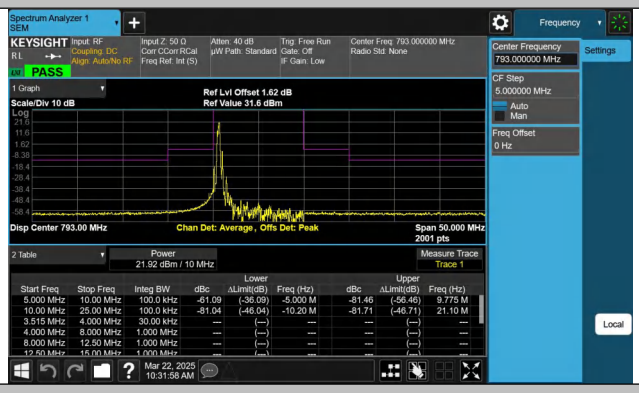
NTNV-Band14-10MHz-QPSK-23330-50RB#0--10.00--5.00-PASS

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

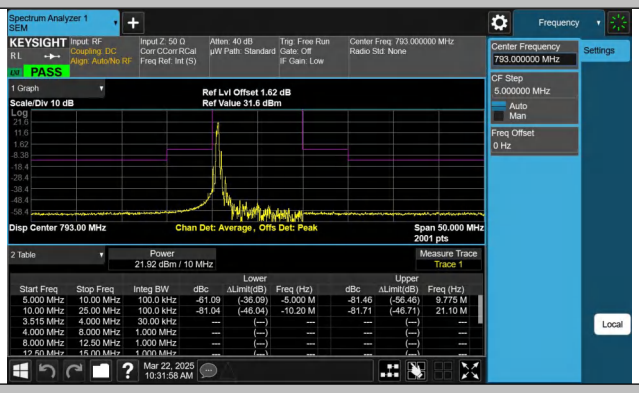
NTNV-Band14-10MHz-QPSK-23330-50RB#0-10.00-25.00-PASS



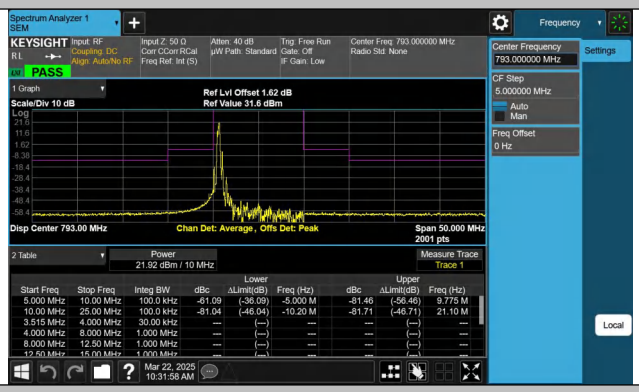
NTNV-Band14-10MHz-64QAM-23330-1RB#0--25.00--10.00-PASS



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

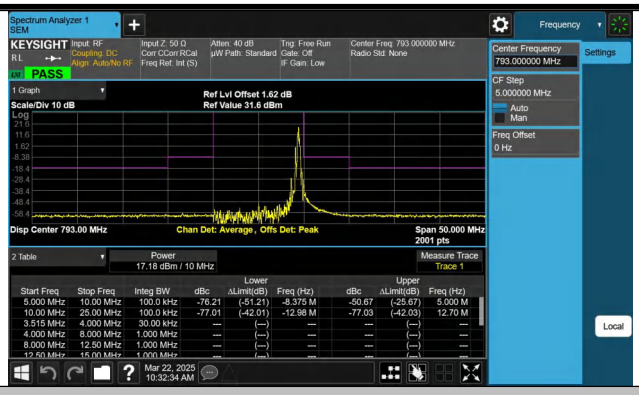


NTNV-Band14-10MHz-64QAM-23330-1RB#0-5.00-10.00-PASS

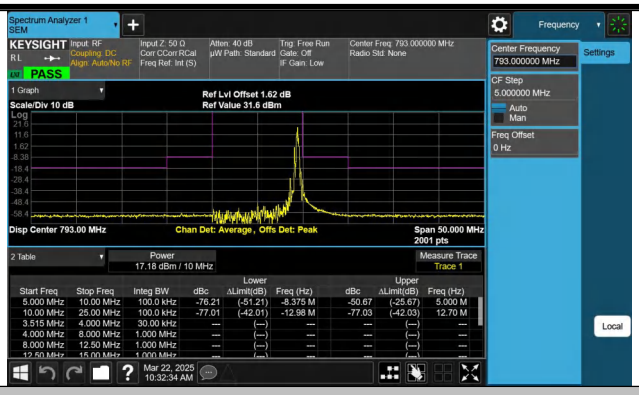


NTNV-Band14-10MHz-64QAM-23330-1RB#0-10.00-25.00-PASS

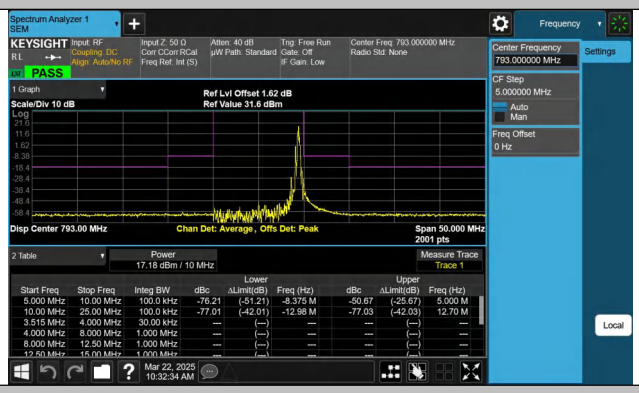
NTNV-Band14-10MHz-64QAM-23330-1RB#49--25.00--10.00-PASS



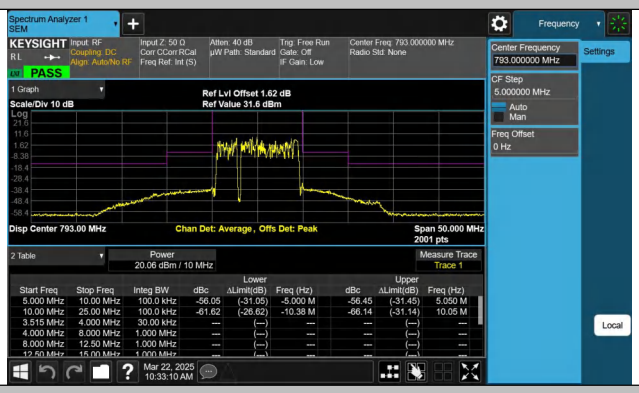
NTNV-Band14-10MHz-64QAM-23330-1RB#49--10.00--5.00-PASS



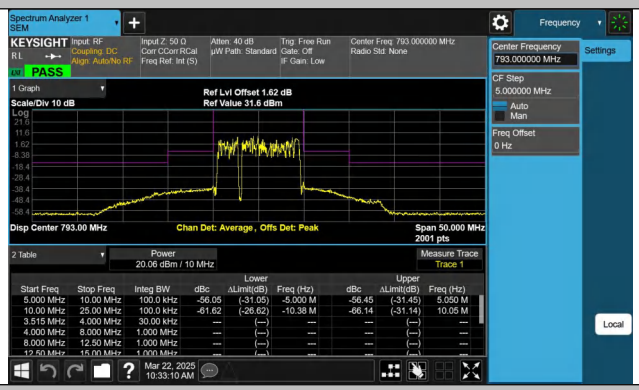
NTNV-Band14-10MHz-64QAM-23330-1RB#49--5.00-5.00-PASS



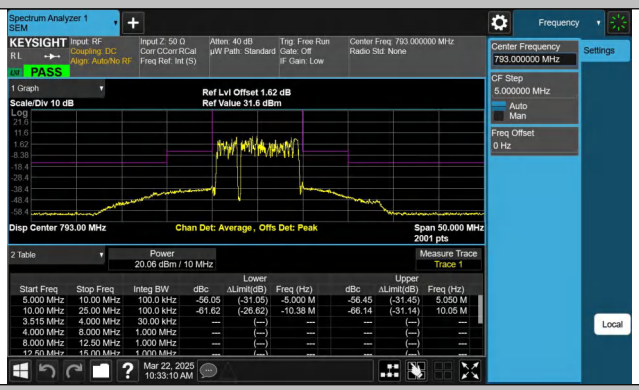
NTNV-Band14-10MHz-64QAM-23330-1RB#49-10.00-25.00-PASS



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

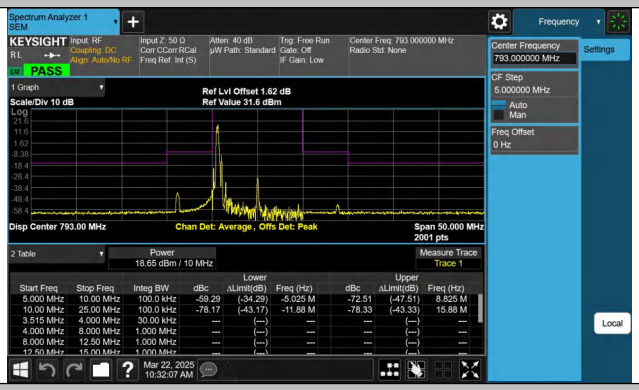


NTNV-Band14-10MHz-64QAM-23330-50RB#0--10.00--5.00-PASS

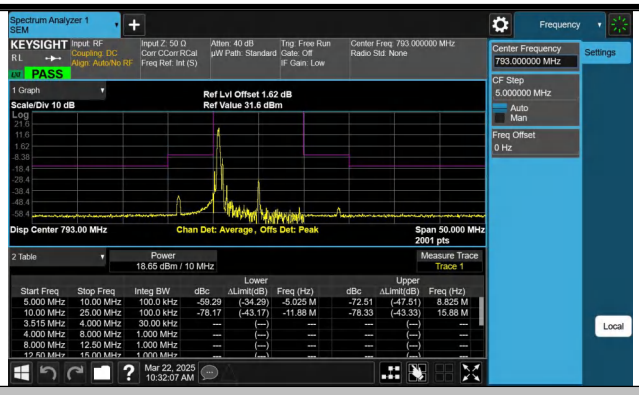


NTNV-Band14-10MHz-64QAM-23330-50RB#0-5.00-10.00-PASS

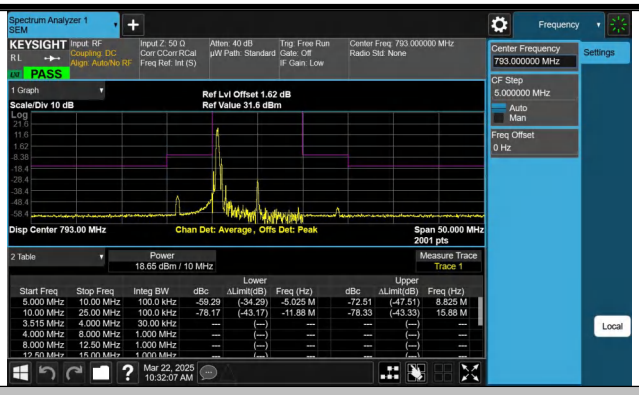
NTNV-Band14-10MHz-64QAM-23330-50RB#0-10.00-25.00-PASS



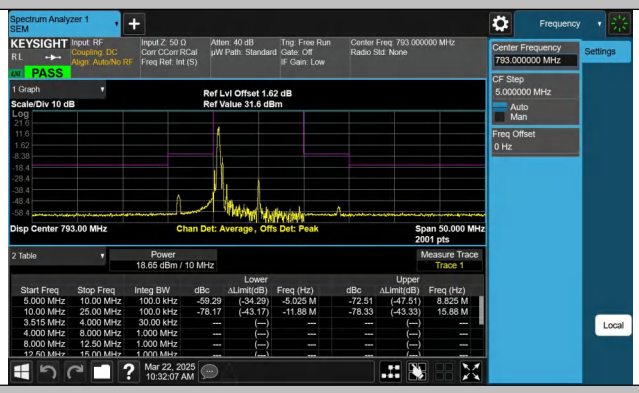
NTNV-Band14-10MHz-256QAM-23330-1RB#0--25.00--10.00-PASS



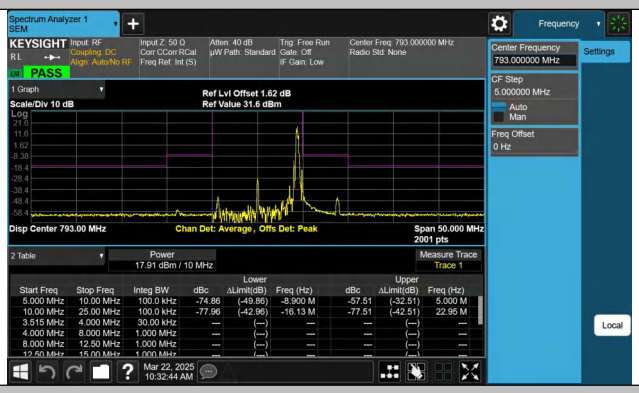
NTNV-Band14-10MHz-256QAM-23330-1RB#0--10.00--5.00-PASS



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

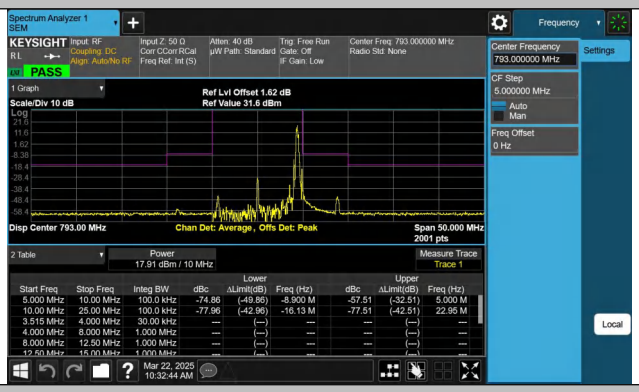


NTNV-Band14-10MHz-256QAM-23330-1RB#0-10.00-25.00-PASS

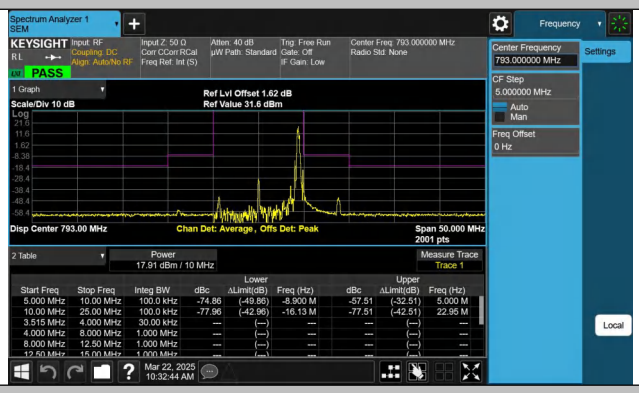


NTNV-Band14-10MHz-256QAM-23330-1RB#49--25.00--10.00-PASS

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



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



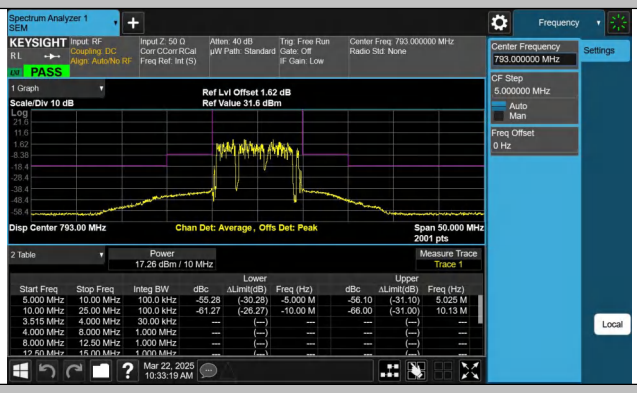
NTNV-Band14-10MHz-256QAM-23330-1RB#49-10.00-25.00-PAS

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

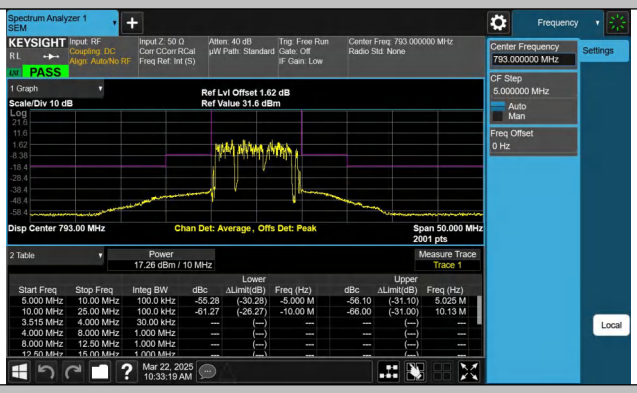
S

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

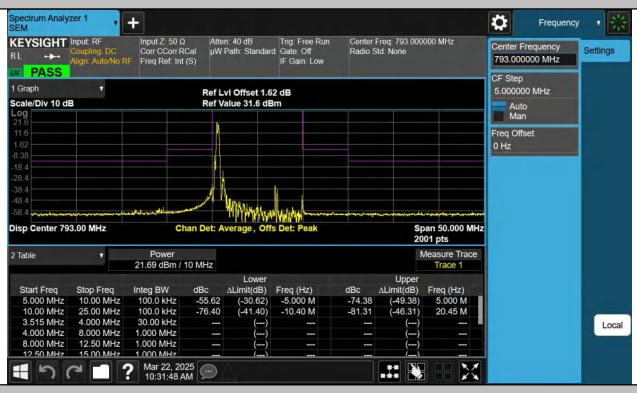
S



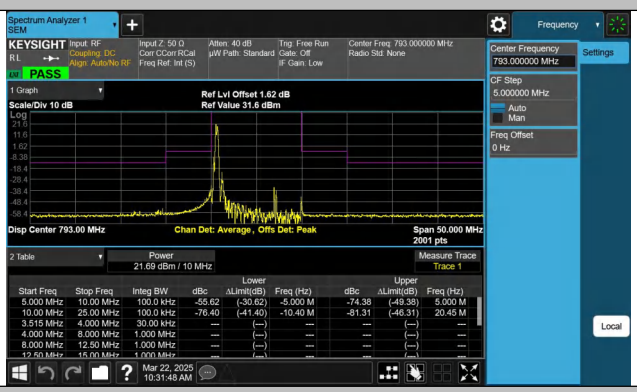
NTNV-Band14-10MHz-256QAM-23330-50RB#0-5.00-10.00-PASS



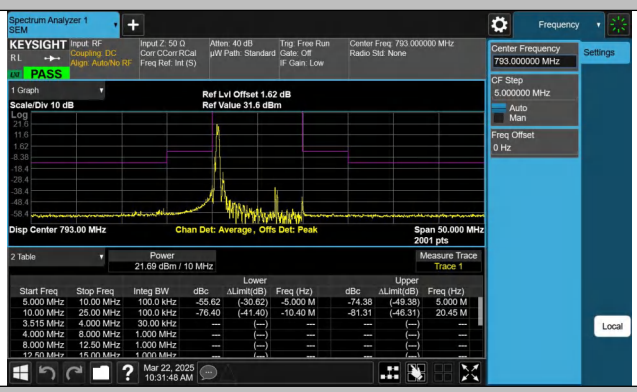
NTNV-Band14-10MHz-256QAM-23330-50RB#0-10.00-25.00-PASS



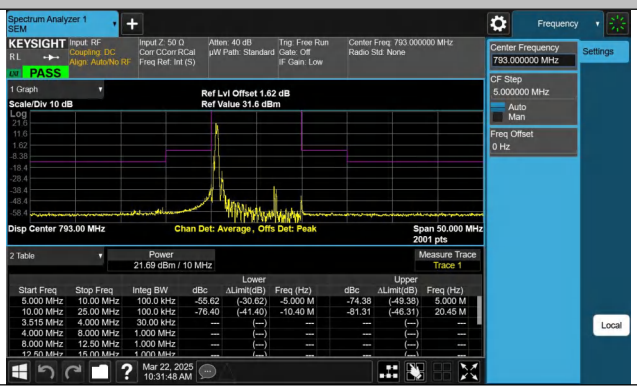
NTNV-Band14-10MHz-16QAM-23330-1RB#0--25.00--10.00-PASS

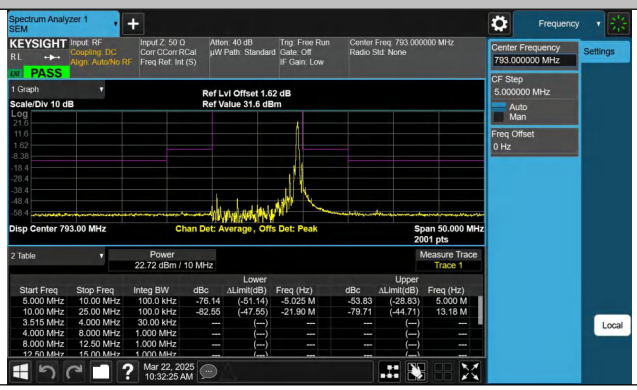


NTNV-Band14-10MHz-16QAM-23330-1RB#0--10.00--5.00-PASS

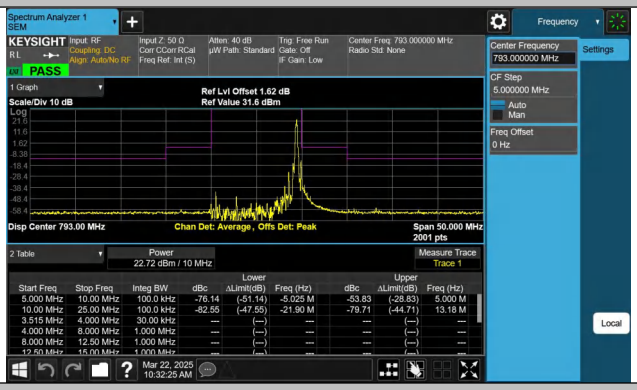


NTNV-Band14-10MHz-16QAM-23330-1RB#0--5.00-5.00-PASS

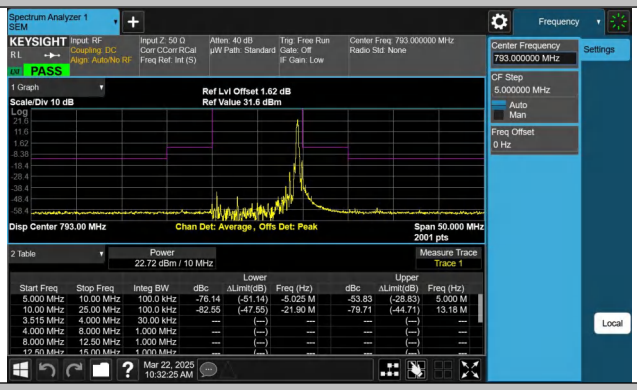




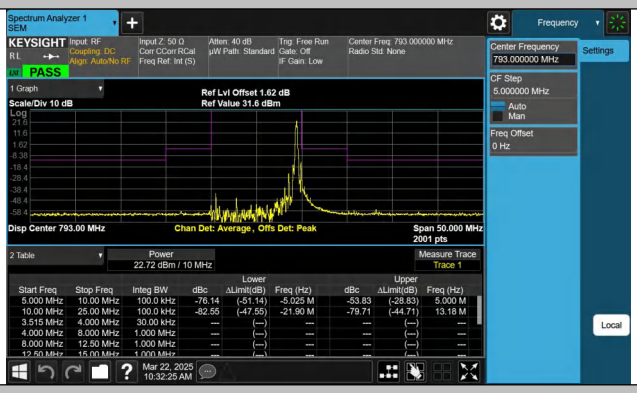
NTNV-Band14-10MHz-16QAM-23330-1RB#0-10.00-25.00-PASS



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

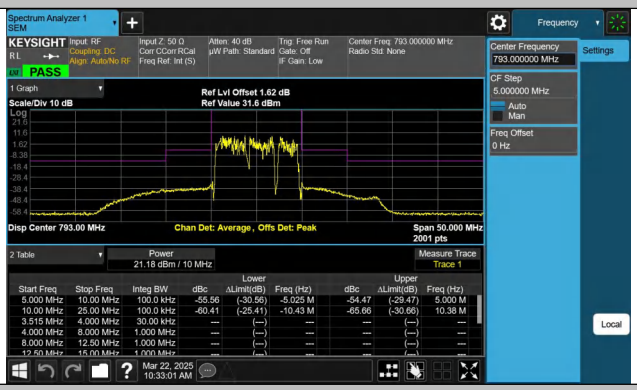


NTNV-Band14-10MHz-16QAM-23330-1RB#49--10.00--5.00-PASS



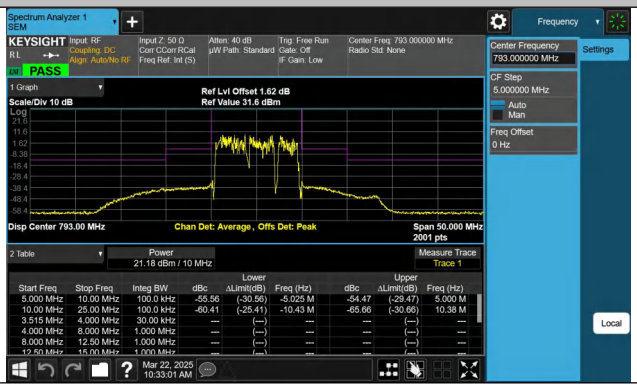
NTNV-Band14-10MHz-16QAM-23330-1RB#49--5.00-5.00-PASS

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



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

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



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

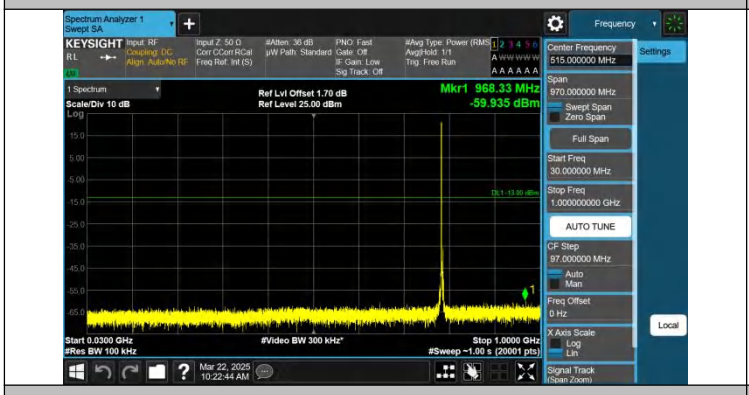
NTNV-Band14-10MHz-16QAM-23330-50RB#0-10.00-25.00-PASS	

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

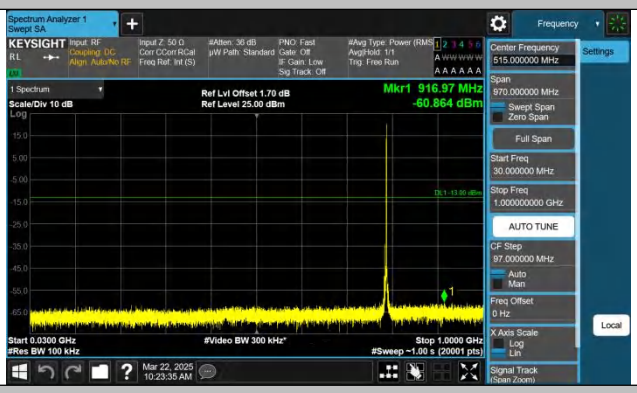
Band14-5MHz-QPSK-23305-1RB#0-1000~3000-PASS

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

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

Band14-5MHz-QPSK-23305-1RB#24-0.009~0.15-PASS

Band14-5MHz-QPSK-23305-1RB#24-0.15~30-PASS



Band14-5MHz-QPSK-23305-1RB#24-30~1000-PASS

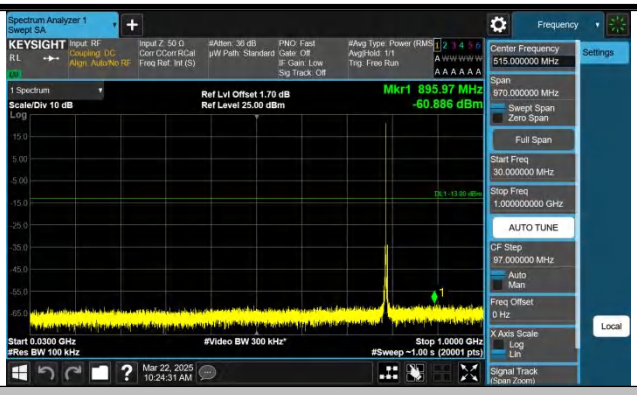
Band14-5MHz-QPSK-23305-1RB#24-1000~3000-PASS

Band14-5MHz-QPSK-23305-1RB#24-1559~1610-PASS

Band14-5MHz-QPSK-23305-1RB#24-3000~10000-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

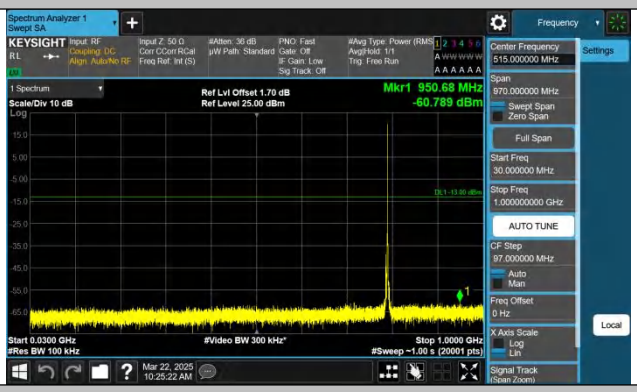
Band14-5MHz-QPSK-23330-1RB#0-1000~3000-PASS

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

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

Band14-5MHz-QPSK-23330-1RB#24-0.009~0.15-PASS

Band14-5MHz-QPSK-23330-1RB#24-0.15~30-PASS



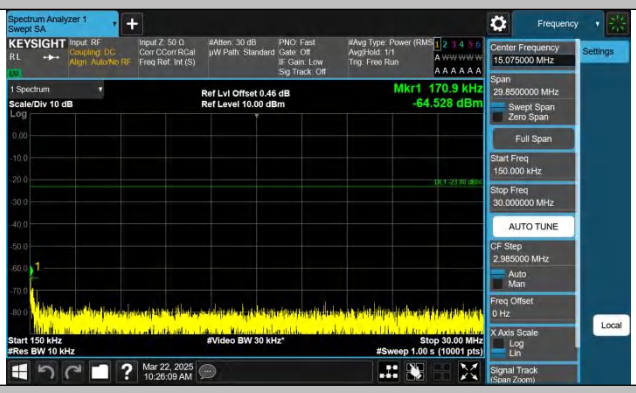
Band14-5MHz-QPSK-23330-1RB#24-30~1000-PASS

Band14-5MHz-QPSK-23330-1RB#24-1000~3000-PASS

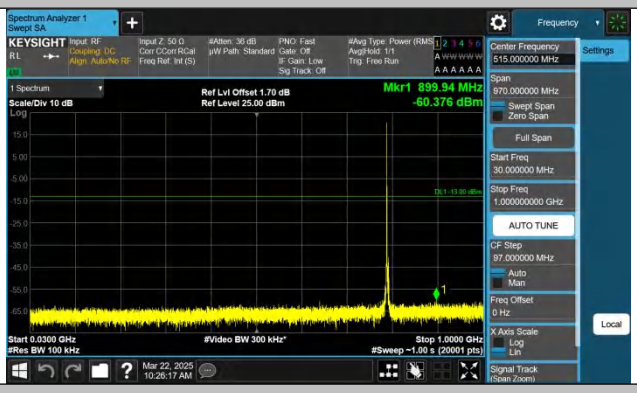
Band14-5MHz-QPSK-23330-1RB#24-1559~1610-PASS

Band14-5MHz-QPSK-23330-1RB#24-3000~10000-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

Band14-5MHz-QPSK-23355-1RB#24-0.009~0.15-PASS

Band14-5MHz-QPSK-23355-1RB#24-0.15~30-PASS

Band14-5MHz-QPSK-23355-1RB#24-30~1000-PASS

Band14-5MHz-QPSK-23355-1RB#24-1000~3000-PASS

Band14-5MHz-QPSK-23355-1RB#24-1559~1610-PASS

Band14-5MHz-QPSK-23355-1RB#24-3000~10000-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

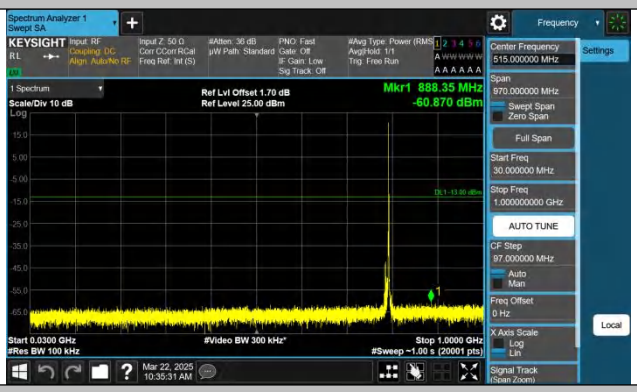
Band14-10MHz-QPSK-23330-1RB#0-1000~3000-PASS

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

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

Band14-10MHz-QPSK-23330-1RB#49-0.009~0.15-PASS

Band14-10MHz-QPSK-23330-1RB#49-0.15~30-PASS



Band14-10MHz-QPSK-23330-1RB#49-30~1000-PASS

Band14-10MHz-QPSK-23330-1RB#49-1000~3000-PASS

Band14-10MHz-QPSK-23330-1RB#49-1559~1610-PASS	Band14-10MHz-QPSK-23330-1RB#49-3000~10000-PASS

Frequency Stability

Test Result

Voltage													
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band 14	10MHz	QPSK	23330	50RB#0	VN	NT	-2.06	-0.002598	±1.5	---	---	---	PASS
Band 14	10MHz	QPSK	23330	50RB#0	VL	NT	-1.96	-0.002472	±1.5	---	---	---	PASS
Band 14	10MHz	QPSK	23330	50RB#0	VH	NT	2.68	0.003380	±1.5	---	---	---	PASS

Temperature													
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band14	10MHz	QPSK	23330	50RB#0	NV	-30	0.68	0.000858	±1.5	---	---	---	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	-20	-1.71	-0.002156	±1.5	---	---	---	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	-10	-2.46	-0.003102	±1.5	---	---	---	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	0	1.53	0.001929	±1.5	---	---	---	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	10	-2.69	-0.003392	±1.5	---	---	---	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	20	-2.90	-0.003657	±1.5	---	---	---	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	30	1.93	0.002434	±1.5	---	---	---	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	40	-1.96	-0.002472	±1.5	---	---	---	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	50	-2.65	-0.003342	±1.5	---	---	---	PASS

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