



Reference No.: PSU-NQN2403180115RF10



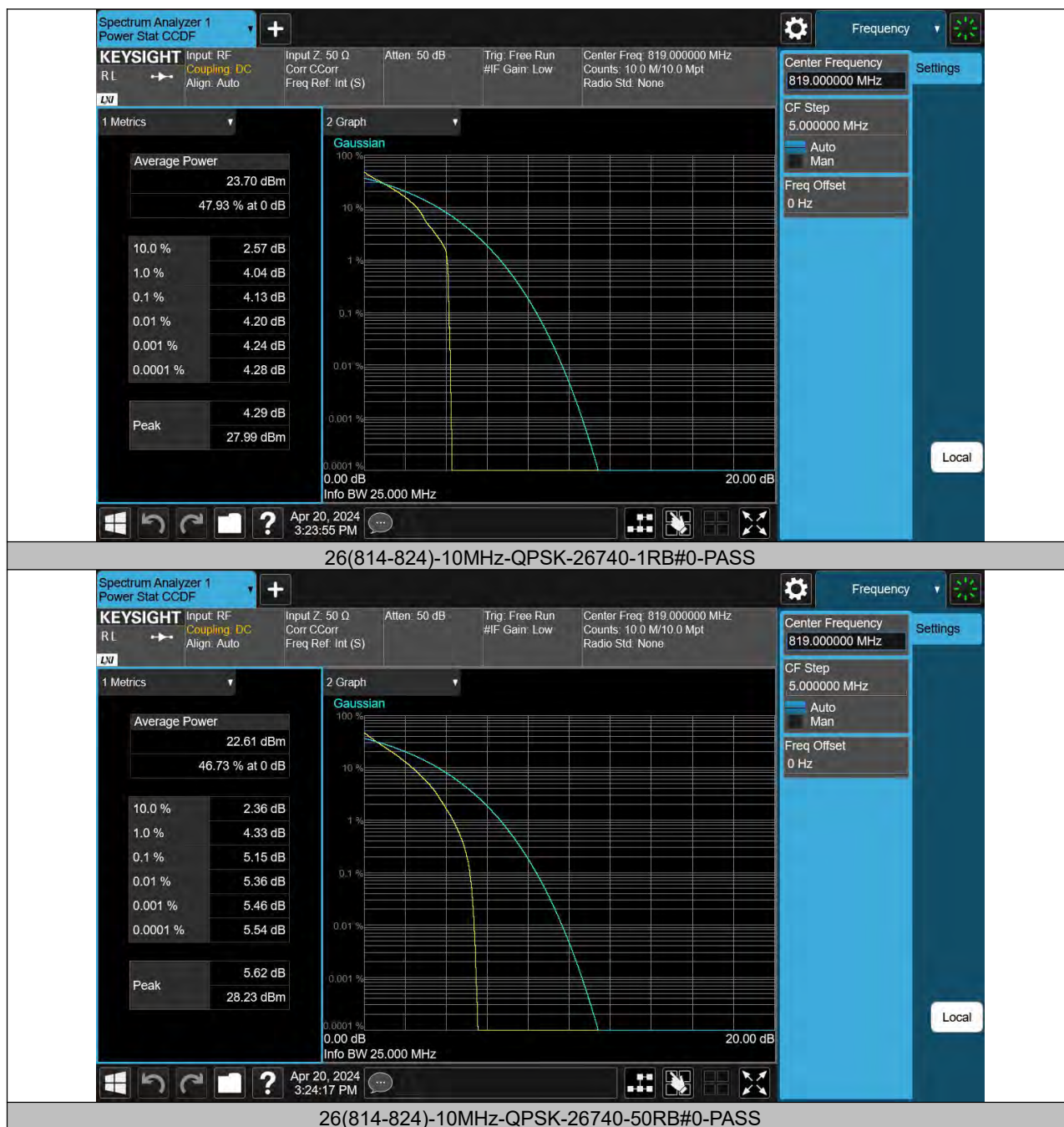
APPENDIX J

LTE BAND26-814-824

PEAK-TO-AVERAGE RATIO(CCDF) TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
26(814-824)	10MHz	QPSK	26740	1RB#0	4.13	13	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	5.15	13	PASS
26(814-824)	10MHz	16QAM	26740	1RB#0	5.23	13	PASS
26(814-824)	10MHz	16QAM	26740	50RB#0	6.04	13	PASS

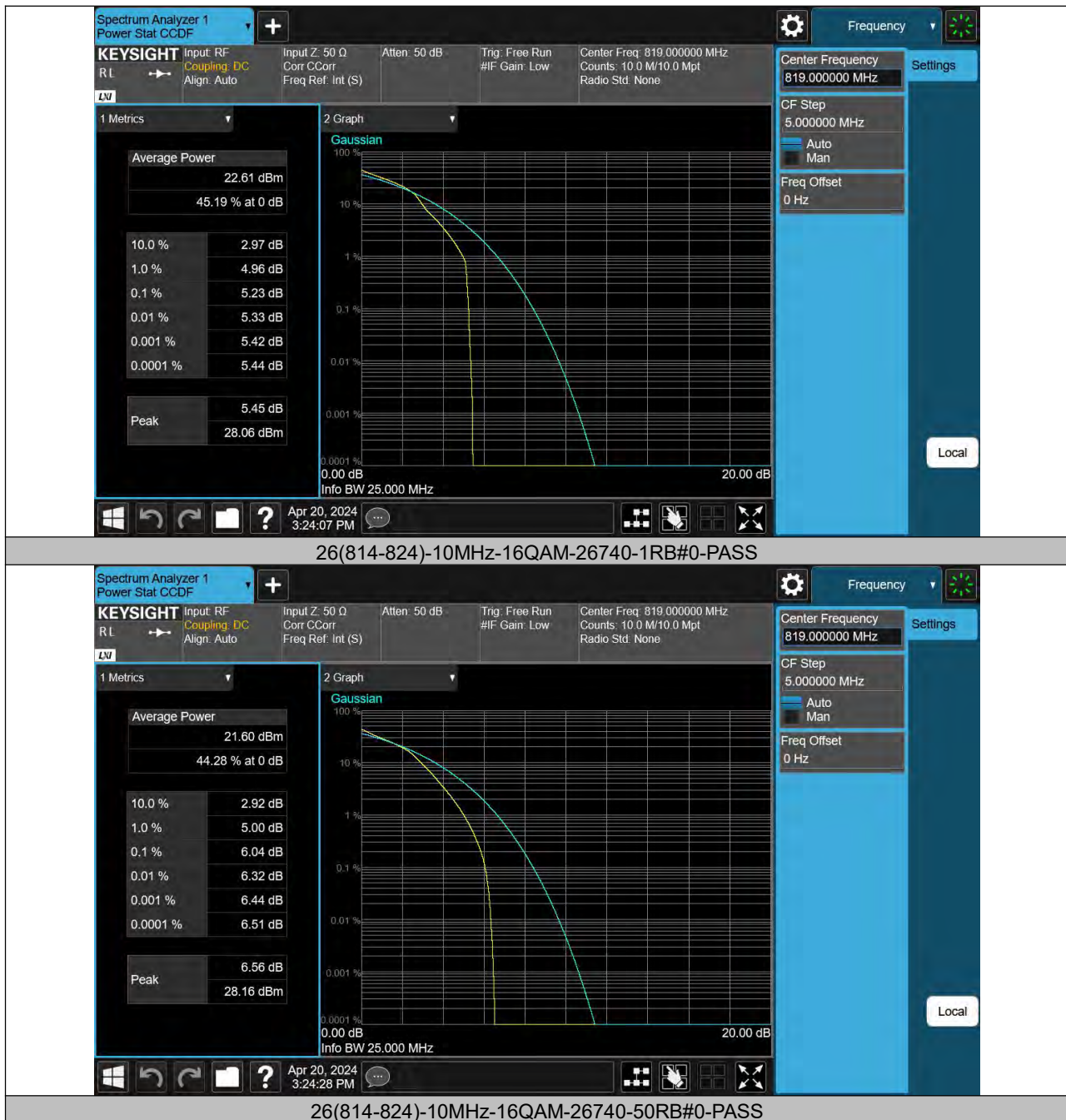
TEST GRAPHS





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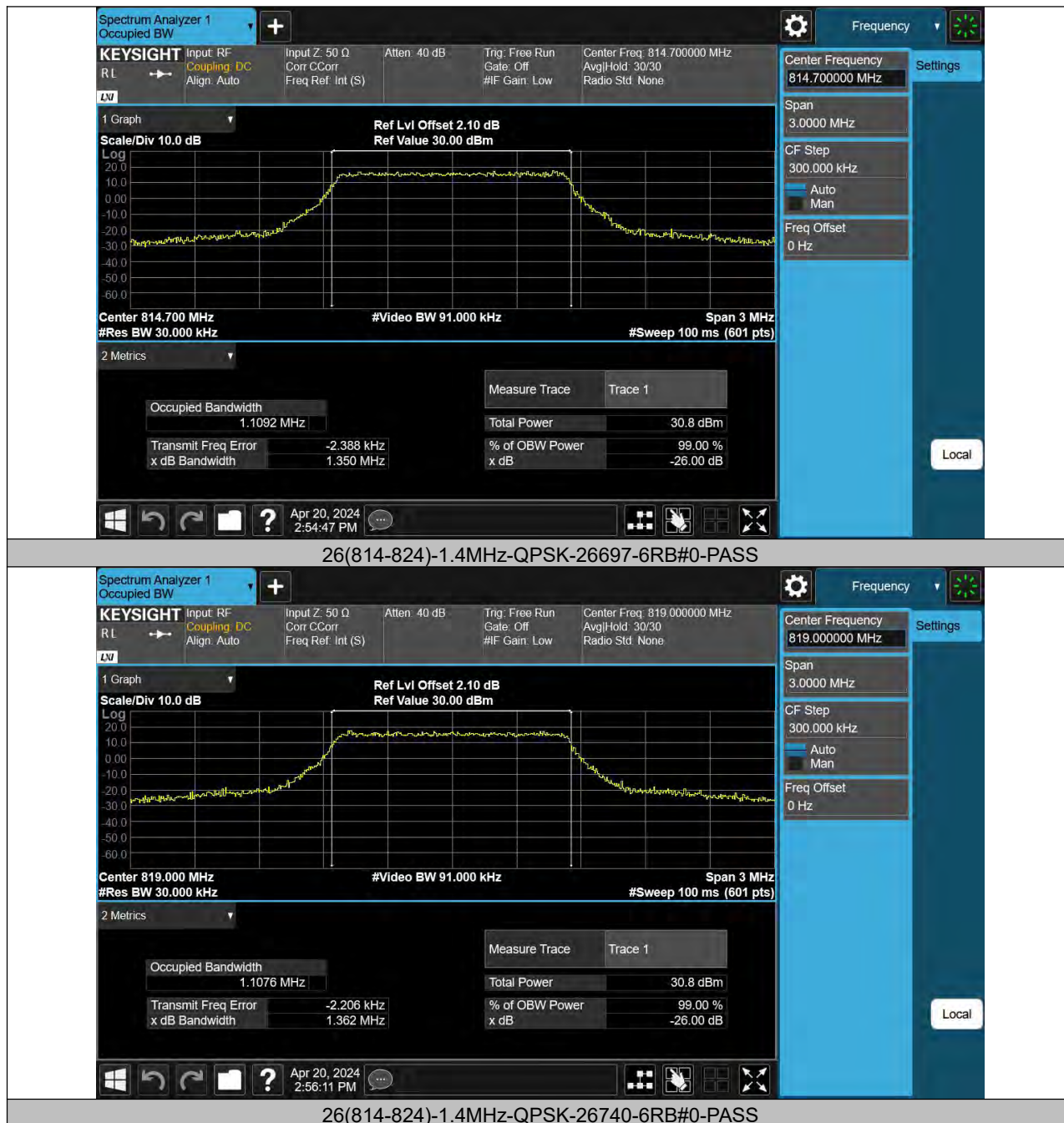
Reference No.: PSU-NQN2403180115RF10



26DB BANDWIDTH AND OCCUPIED BANDWIDTH TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
26(814-824)	1.4MHz	QPSK	26697	6RB#0	1.1092	1.350	PASS
26(814-824)	1.4MHz	QPSK	26740	6RB#0	1.1076	1.362	PASS
26(814-824)	1.4MHz	QPSK	26783	6RB#0	1.1048	1.355	PASS
26(814-824)	1.4MHz	16QAM	26697	6RB#0	1.1054	1.368	PASS
26(814-824)	1.4MHz	16QAM	26740	6RB#0	1.1011	1.365	PASS
26(814-824)	1.4MHz	16QAM	26783	6RB#0	1.1012	1.353	PASS
26(814-824)	3MHz	QPSK	26705	15RB#0	2.6997	3.053	PASS
26(814-824)	3MHz	QPSK	26740	15RB#0	2.6996	3.016	PASS
26(814-824)	3MHz	QPSK	26775	15RB#0	2.6966	3.084	PASS
26(814-824)	3MHz	16QAM	26705	15RB#0	2.6989	3.070	PASS
26(814-824)	3MHz	16QAM	26740	15RB#0	2.7093	3.027	PASS
26(814-824)	3MHz	16QAM	26775	15RB#0	2.7041	3.027	PASS
26(814-824)	5MHz	QPSK	26715	25RB#0	4.5173	5.115	PASS
26(814-824)	5MHz	QPSK	26740	25RB#0	4.5224	5.183	PASS
26(814-824)	5MHz	QPSK	26765	25RB#0	4.5196	5.178	PASS
26(814-824)	5MHz	16QAM	26715	25RB#0	4.5197	5.116	PASS
26(814-824)	5MHz	16QAM	26740	25RB#0	4.5247	5.172	PASS
26(814-824)	5MHz	16QAM	26765	25RB#0	4.5141	5.130	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	8.9992	10.01	PASS
26(814-824)	10MHz	16QAM	26740	50RB#0	9.0022	9.939	PASS

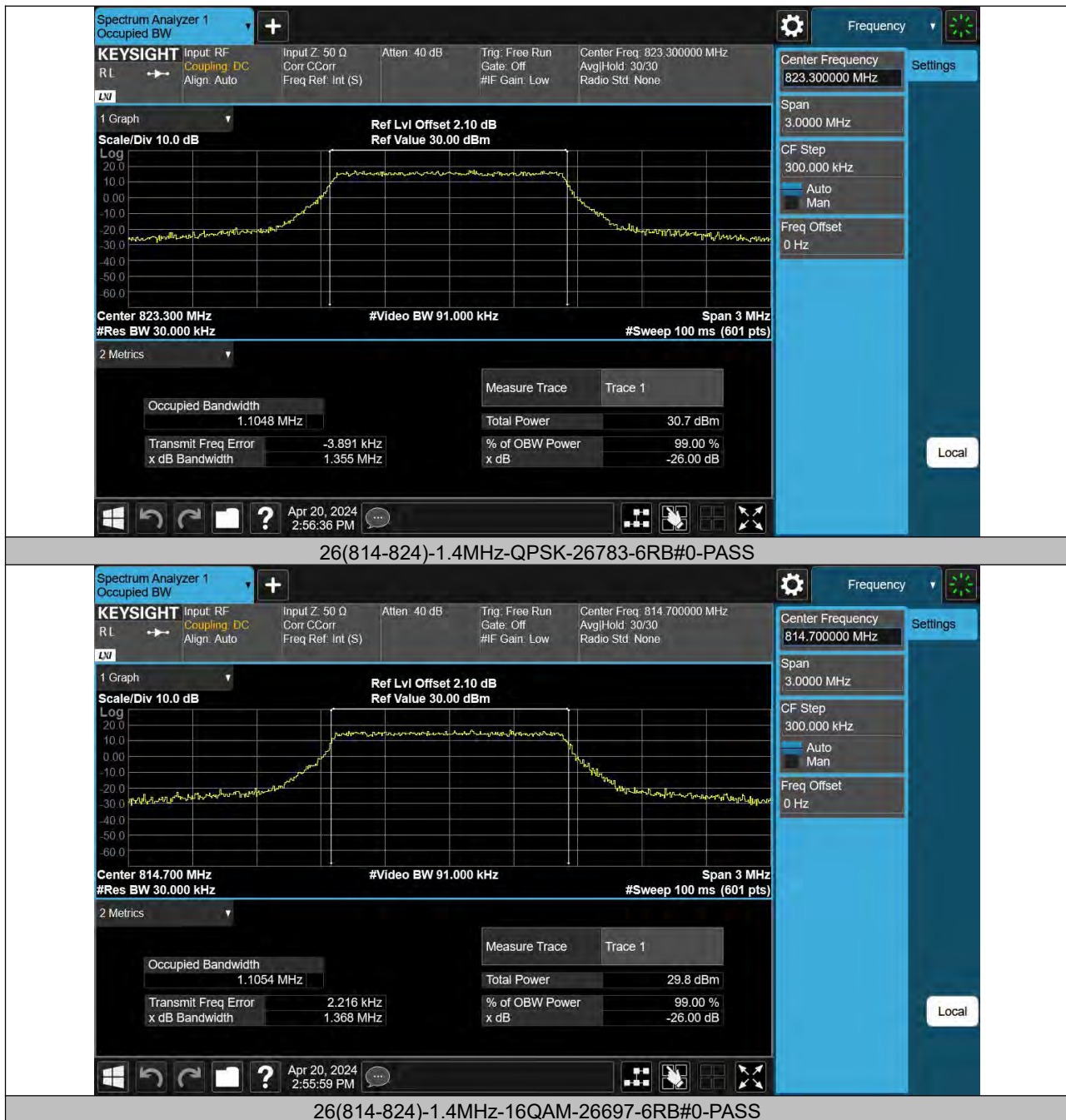
TEST GRAPHS





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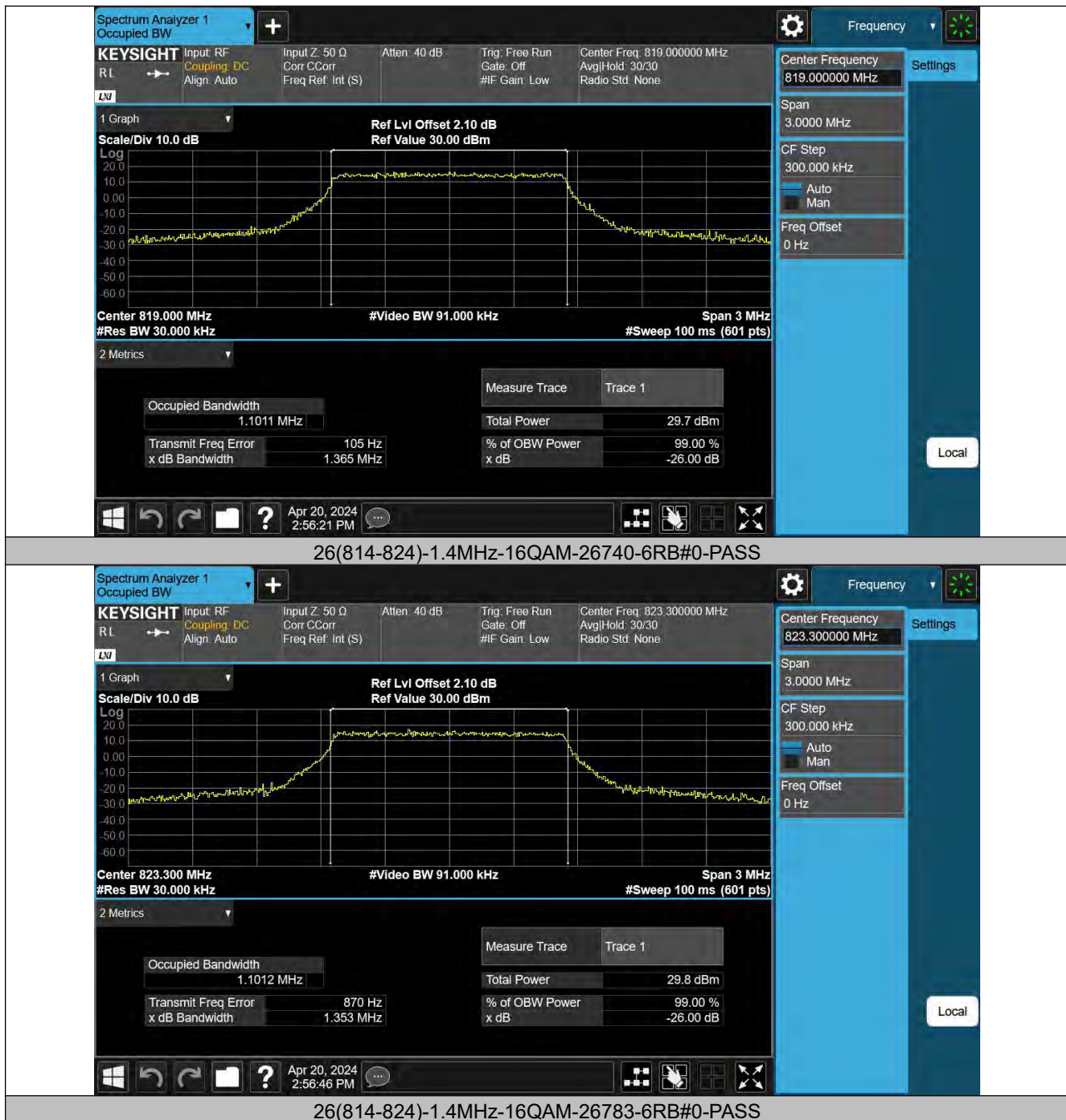
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VERITAS

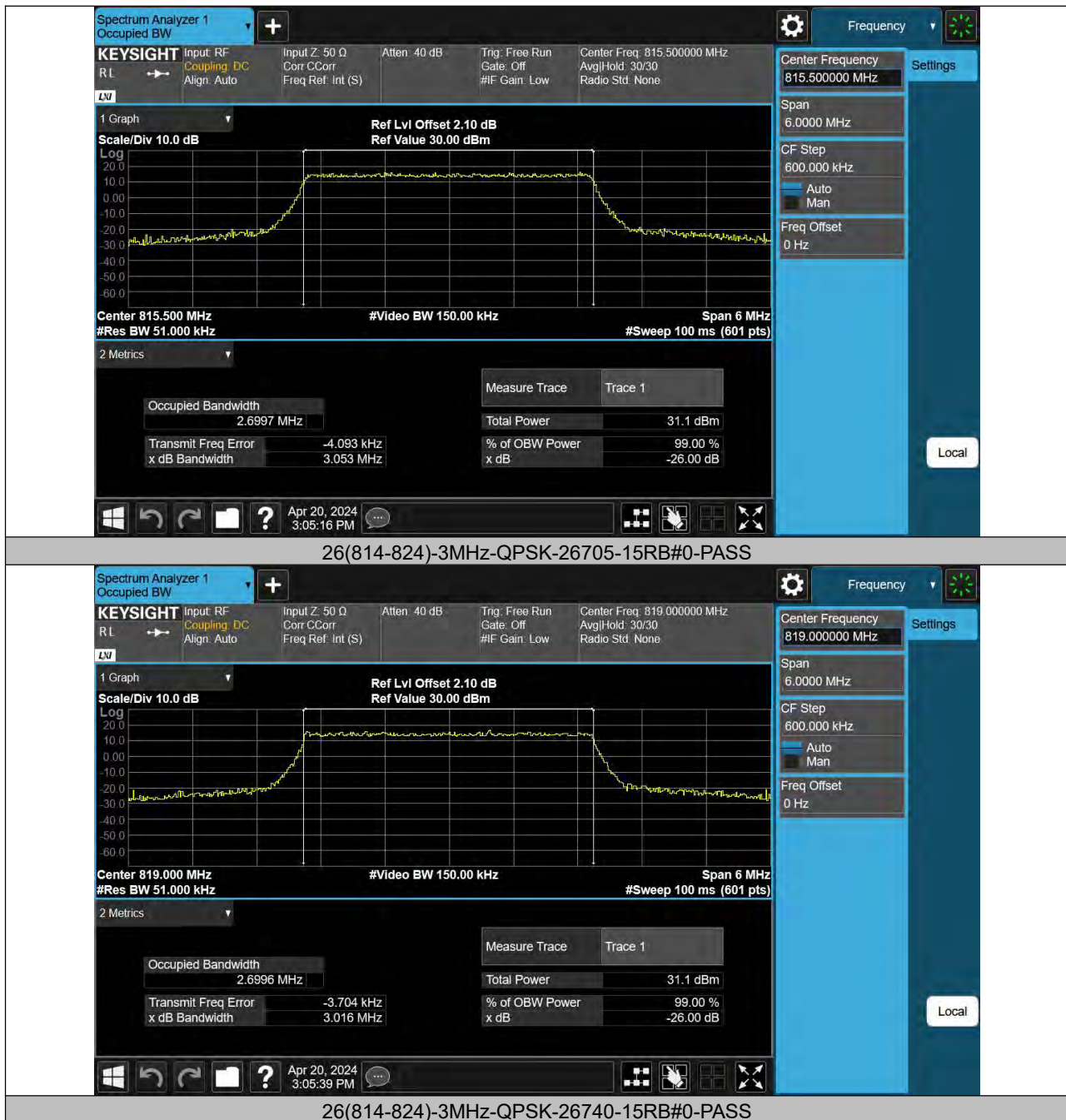
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VERITAS

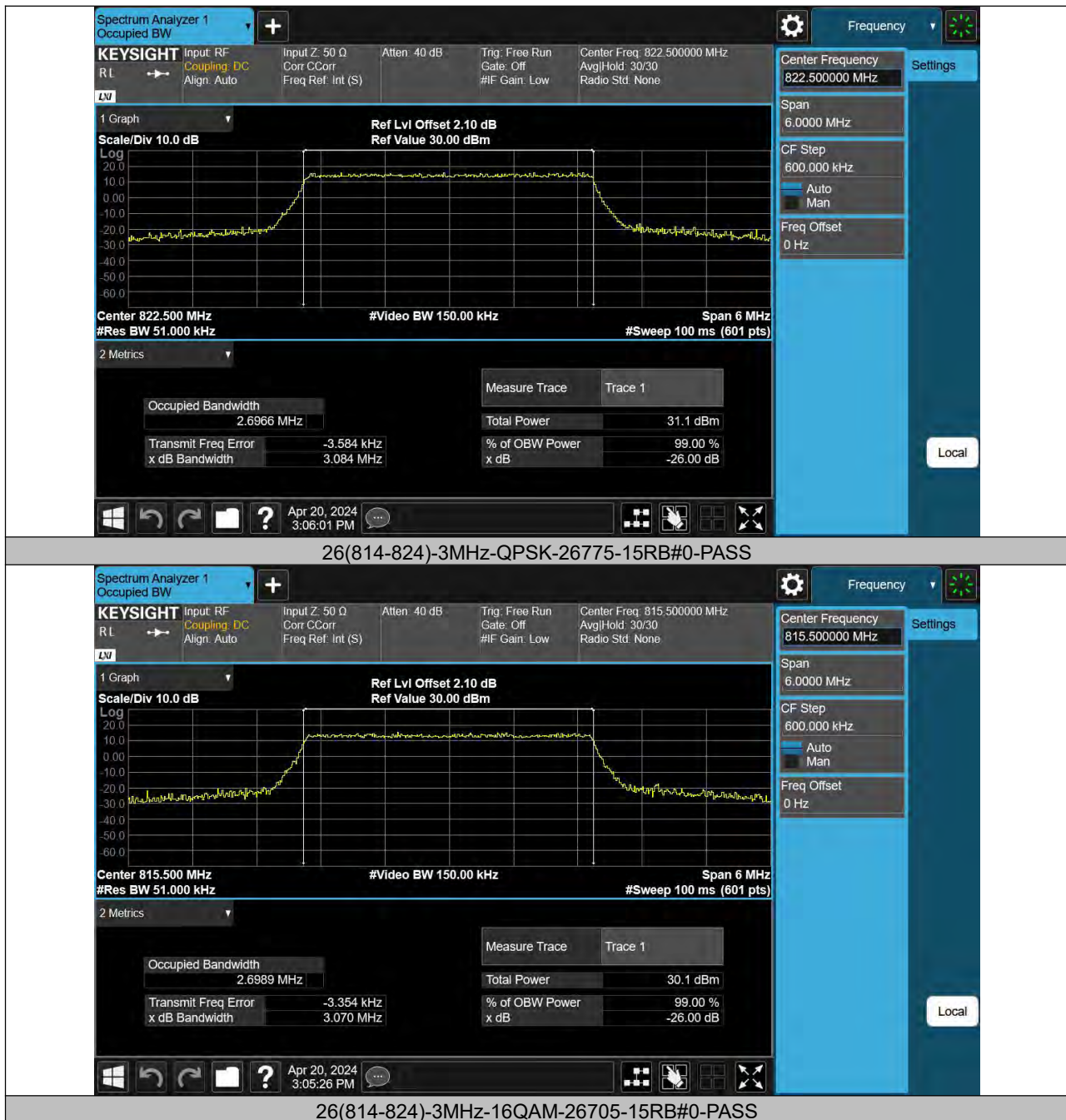
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VERITAS

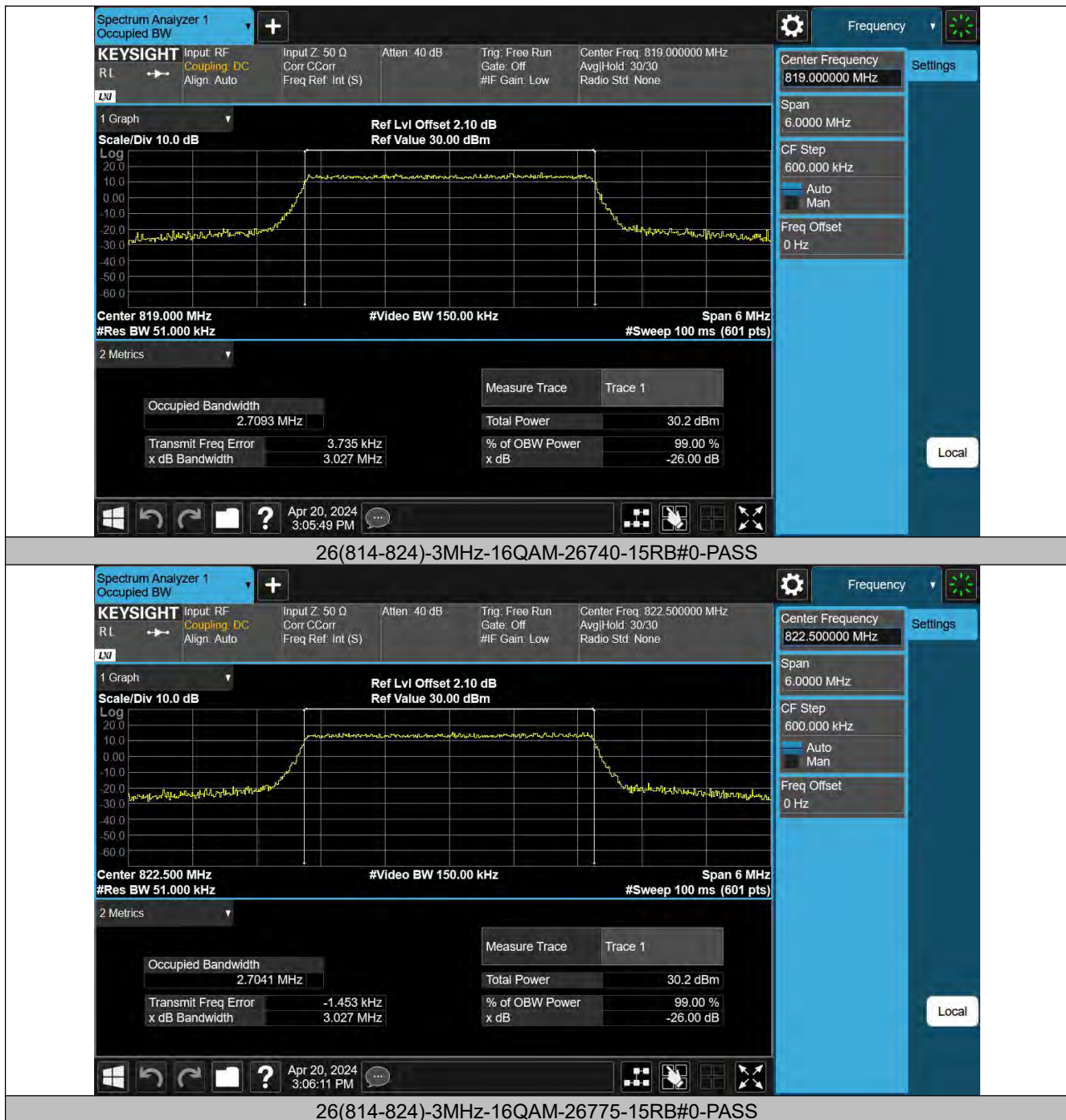
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VERITAS

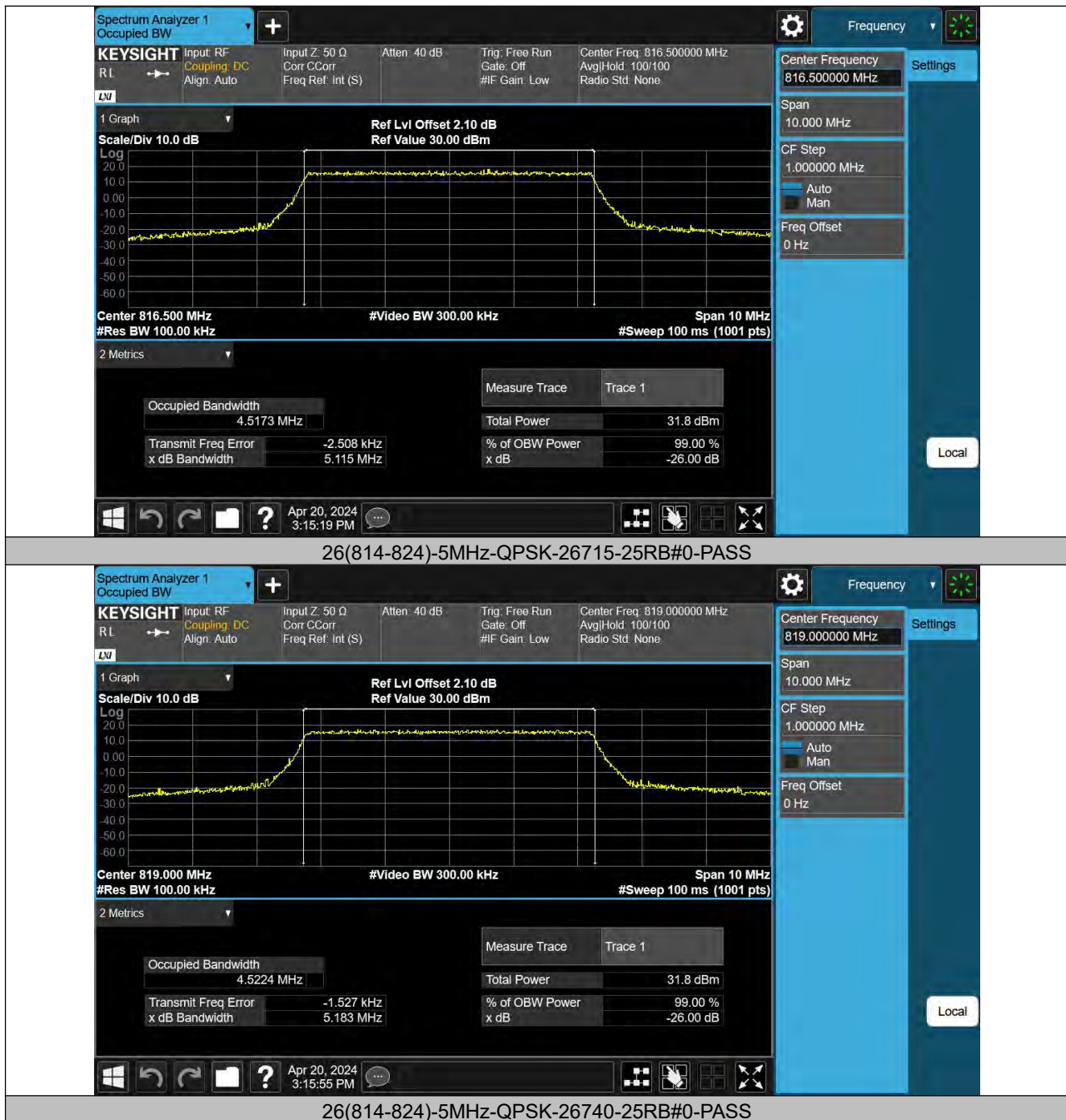
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VERITAS

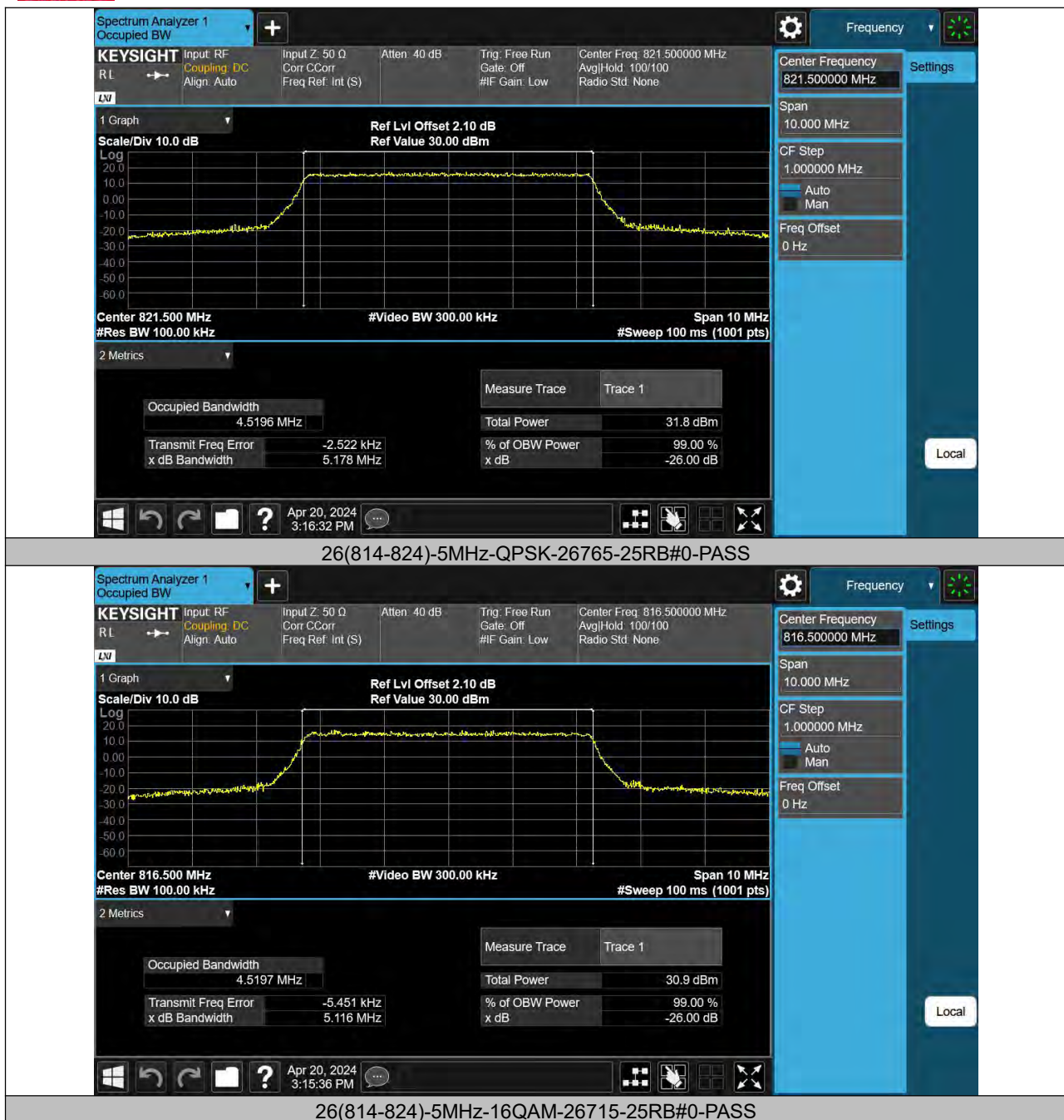
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VERITAS

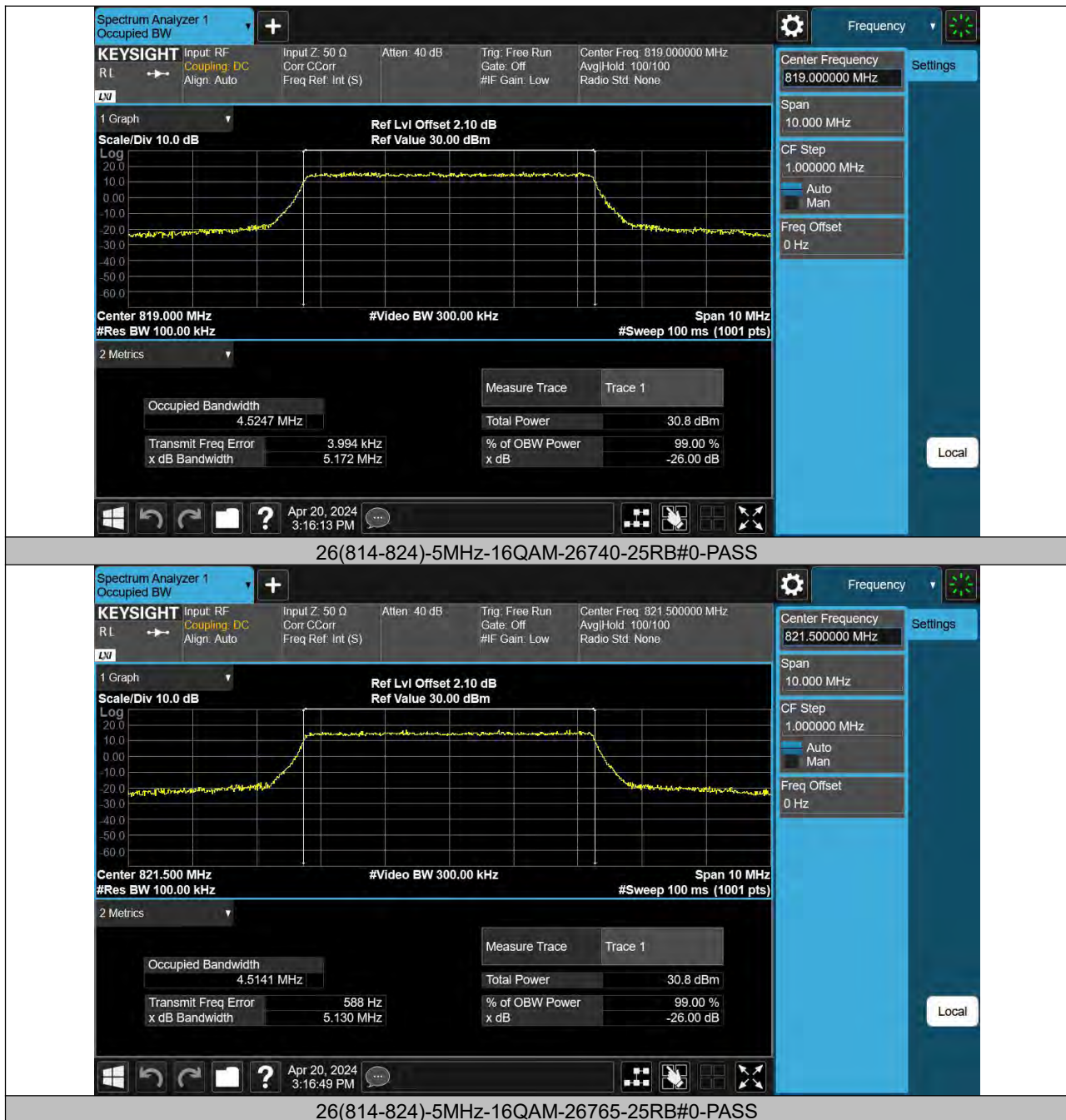
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Reference No.: PSU-NQN2403180115RF10





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VERITAS

Reference No.: PSU-NQN2403180115RF10



BAND EDGE TEST RESULT

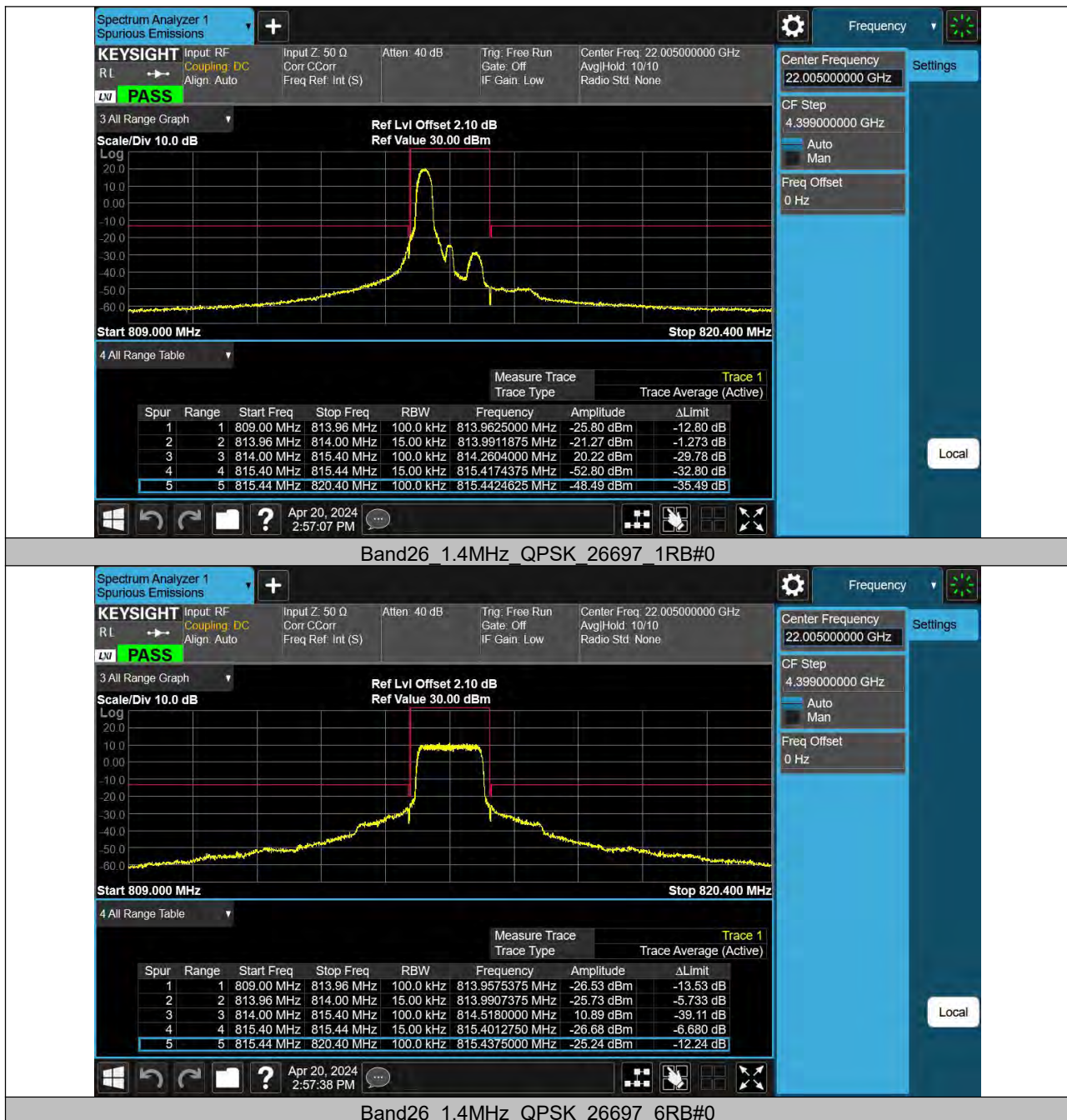
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
26(814-824)	1.4MHz	QPSK	26697	1RB#0	-21.27	PASS
26(814-824)	1.4MHz	QPSK	26697	6RB#0	-25.24	PASS
26(814-824)	1.4MHz	QPSK	26783	1RB#5	-21.57	PASS
26(814-824)	1.4MHz	QPSK	26783	6RB#0	-25.39	PASS
26(814-824)	1.4MHz	16QAM	26697	1RB#0	-22.16	PASS
26(814-824)	1.4MHz	16QAM	26697	6RB#0	-26.92	PASS
26(814-824)	1.4MHz	16QAM	26783	1RB#5	-23.15	PASS
26(814-824)	1.4MHz	16QAM	26783	6RB#0	-26.66	PASS
26(814-824)	3MHz	QPSK	26705	1RB#0	-22.94	PASS
26(814-824)	3MHz	QPSK	26705	15RB#0	-27.83	PASS
26(814-824)	3MHz	QPSK	26775	1RB#14	-23.16	PASS
26(814-824)	3MHz	QPSK	26775	15RB#0	-26.55	PASS
26(814-824)	3MHz	16QAM	26705	1RB#0	-25.07	PASS
26(814-824)	3MHz	16QAM	26705	15RB#0	-28.44	PASS
26(814-824)	3MHz	16QAM	26775	1RB#14	-24.13	PASS
26(814-824)	3MHz	16QAM	26775	15RB#0	-27.72	PASS
26(814-824)	5MHz	QPSK	26715	1RB#0	-26.68	PASS
26(814-824)	5MHz	QPSK	26715	25RB#0	-29.50	PASS
26(814-824)	5MHz	QPSK	26765	1RB#24	-26.85	PASS
26(814-824)	5MHz	QPSK	26765	25RB#0	-29.23	PASS
26(814-824)	5MHz	16QAM	26715	1RB#0	-27.37	PASS
26(814-824)	5MHz	16QAM	26715	25RB#0	-31.39	PASS
26(814-824)	5MHz	16QAM	26765	1RB#24	-28.59	PASS
26(814-824)	5MHz	16QAM	26765	25RB#0	-30.97	PASS
26(814-824)	10MHz	QPSK	26740	1RB#0	-36.33	PASS
26(814-824)	10MHz	QPSK	26740	1RB#49	-37.78	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	-32.52	PASS
26(814-824)	10MHz	16QAM	26740	1RB#0	-38.23	PASS
26(814-824)	10MHz	16QAM	26740	1RB#49	-38.94	PASS
26(814-824)	10MHz	16QAM	26740	50RB#0	-34.40	PASS



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VERITAS

Reference No.: PSU-NQN2403180115RF10

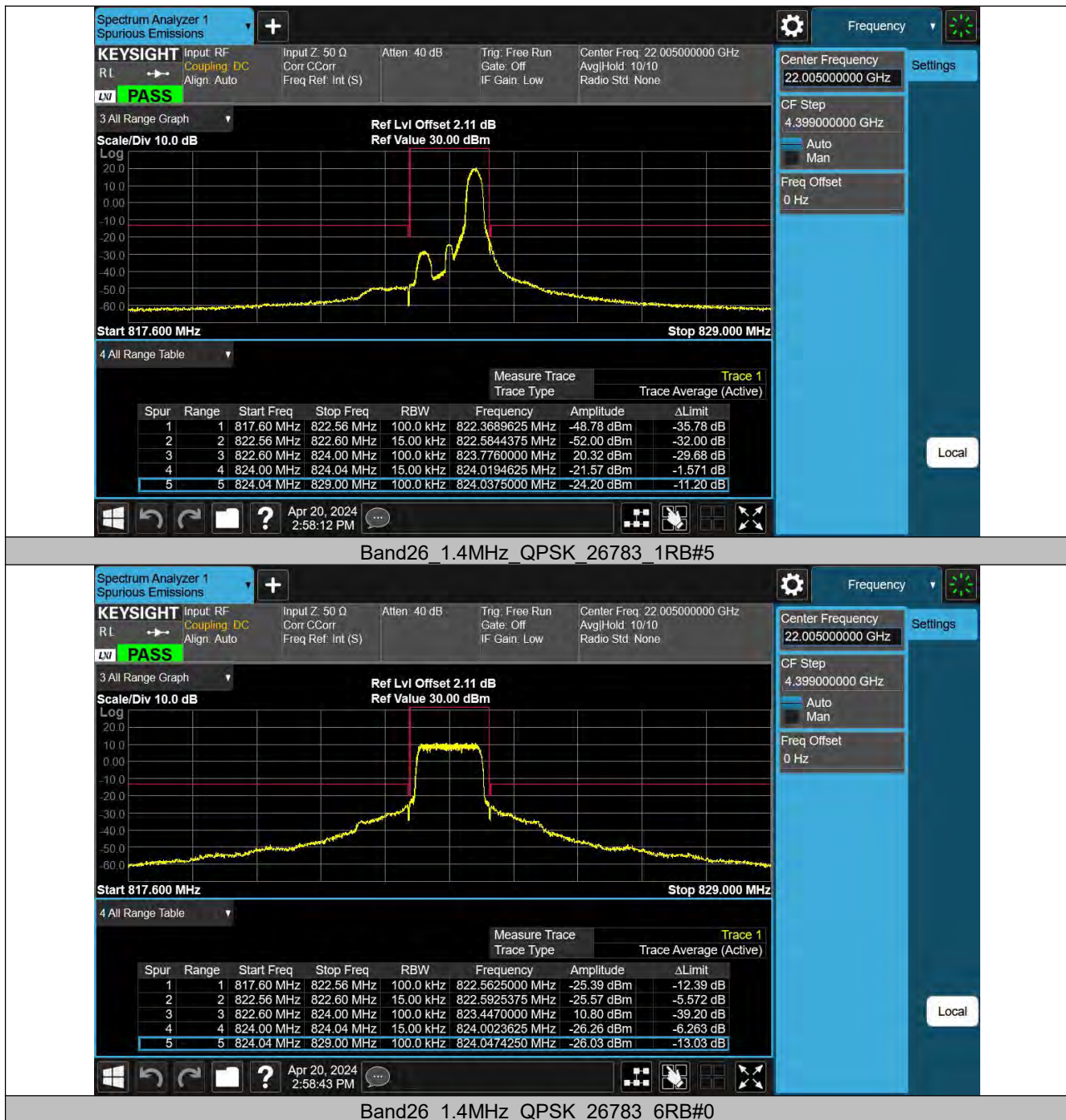
TEST GRAPHS





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VERITAS

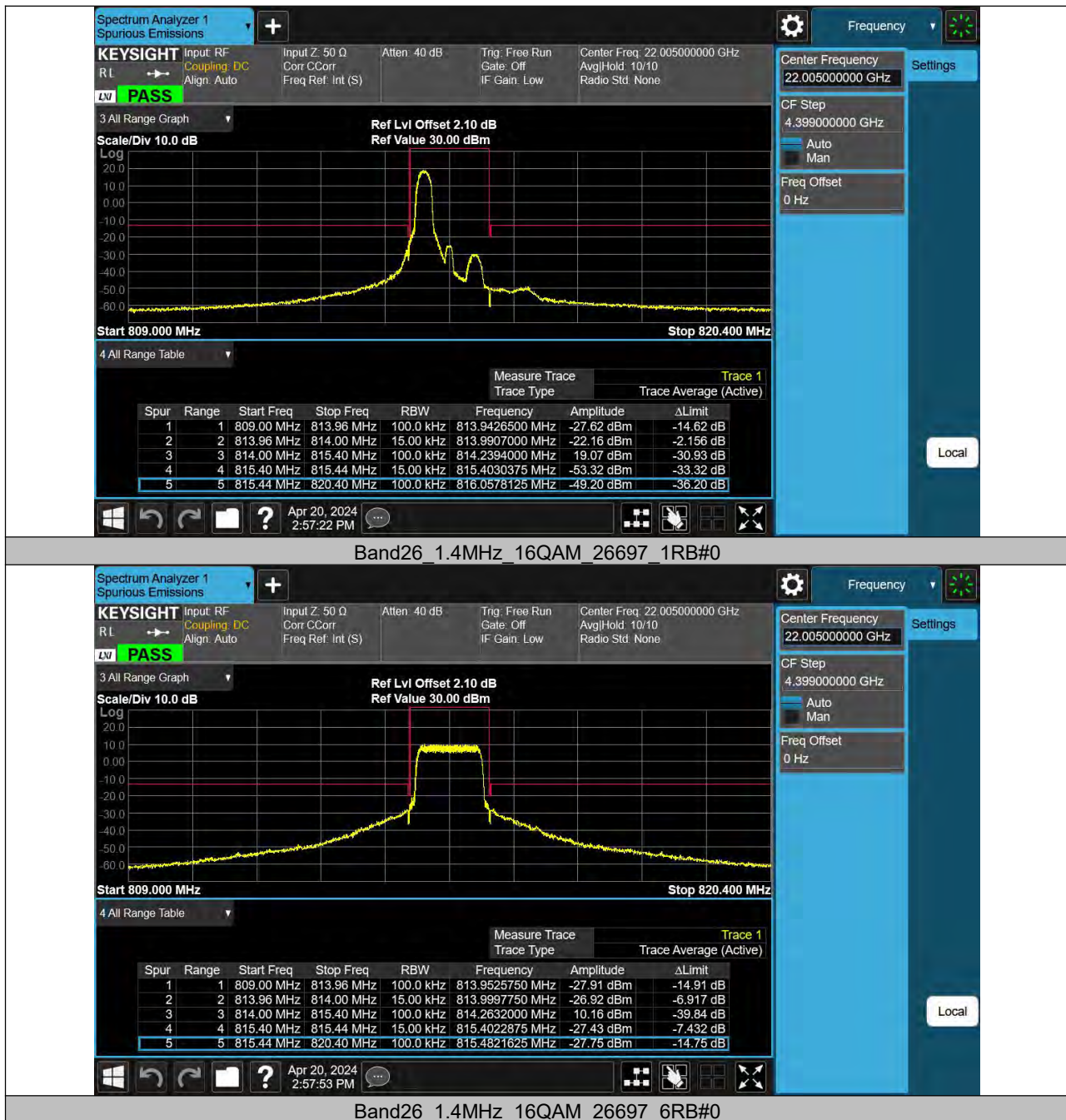
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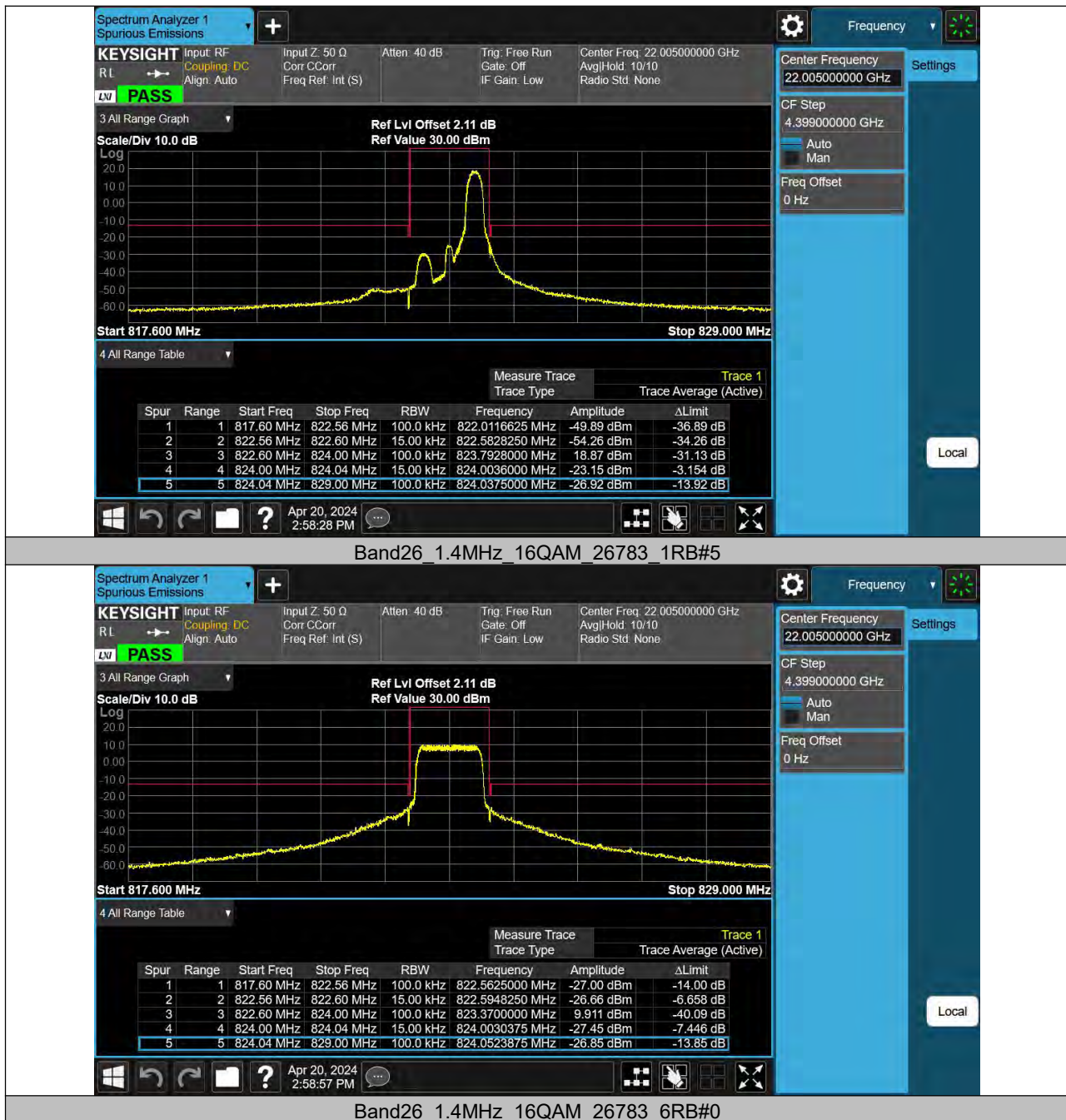
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VERITAS

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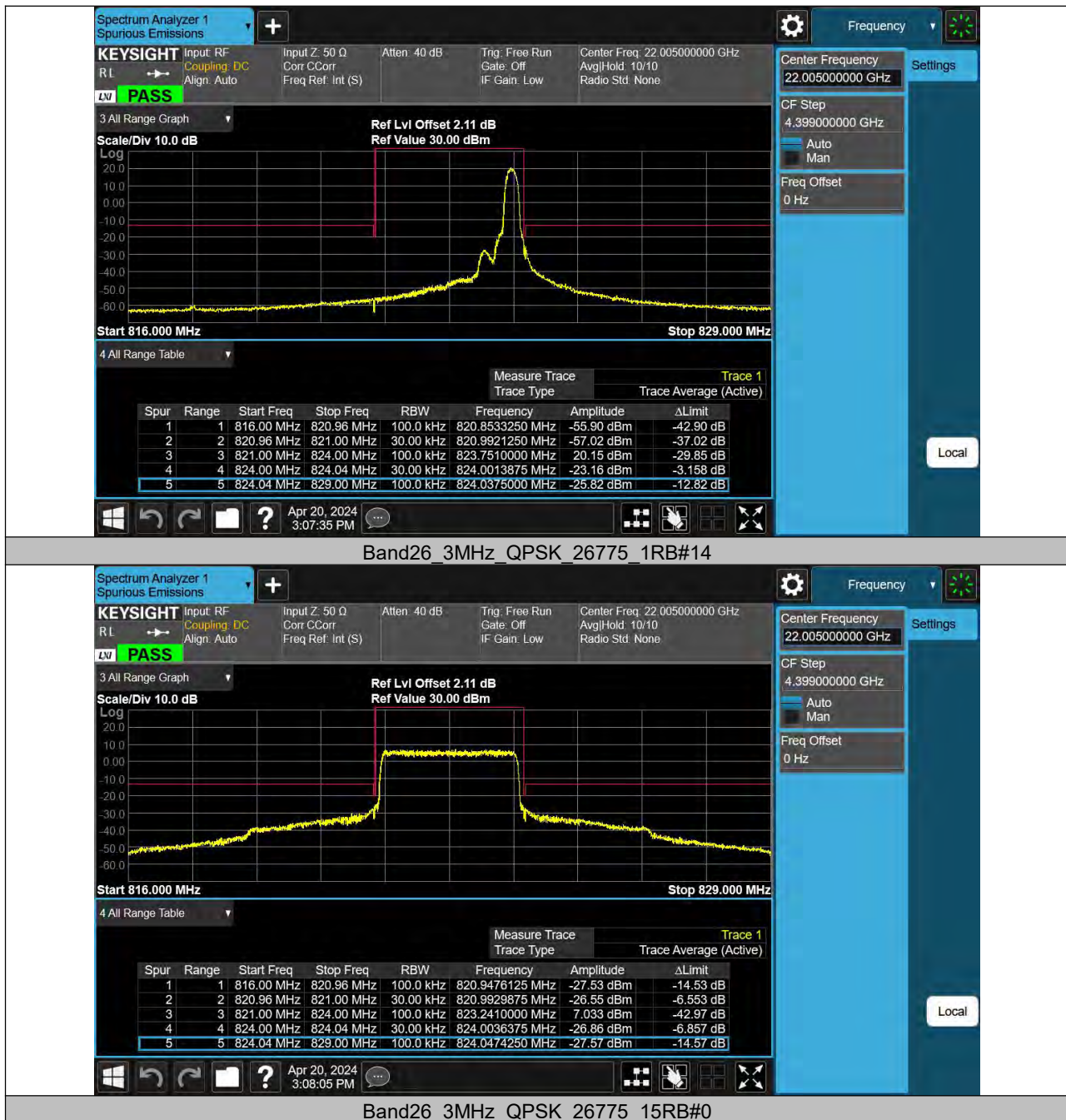
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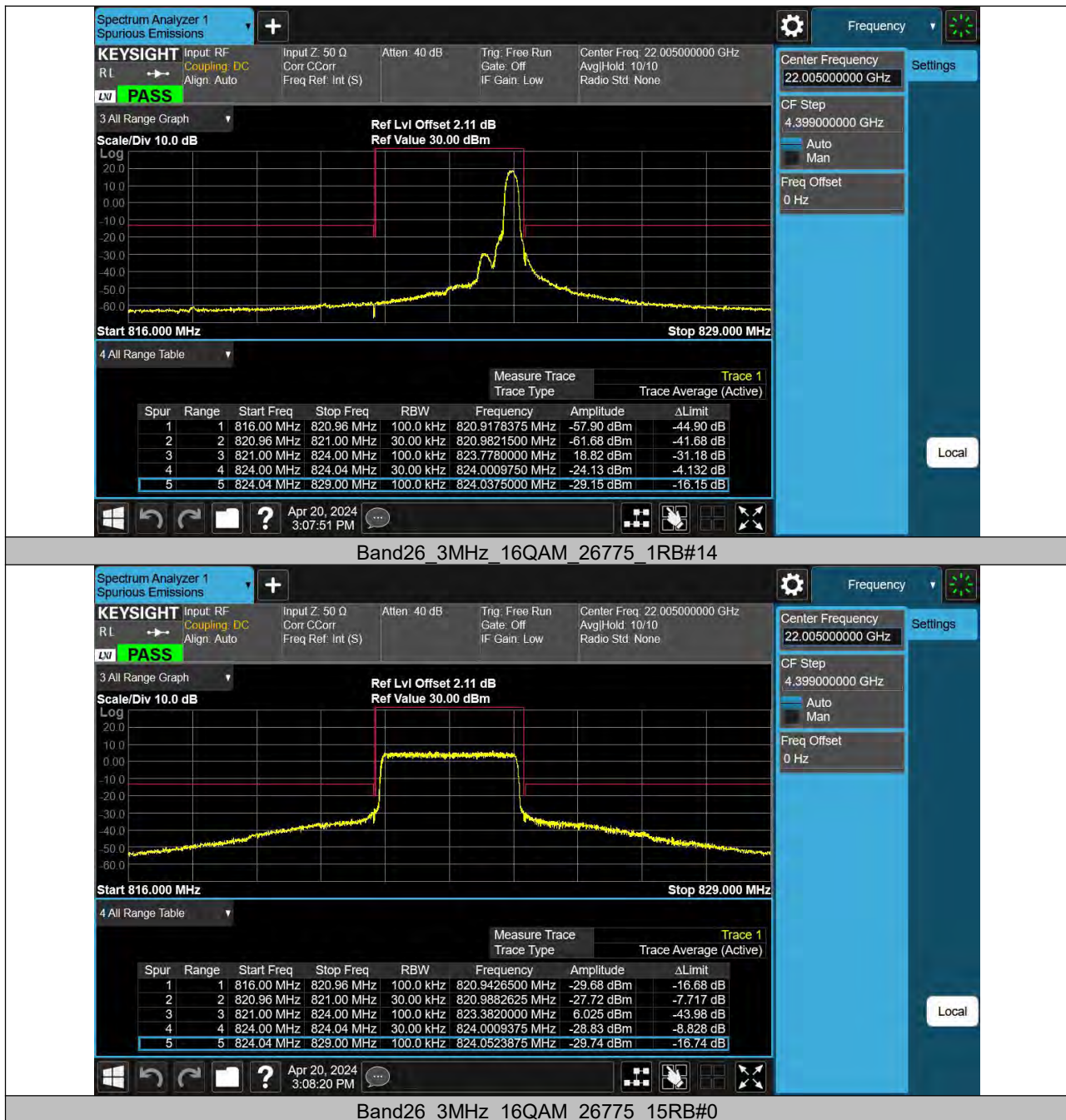
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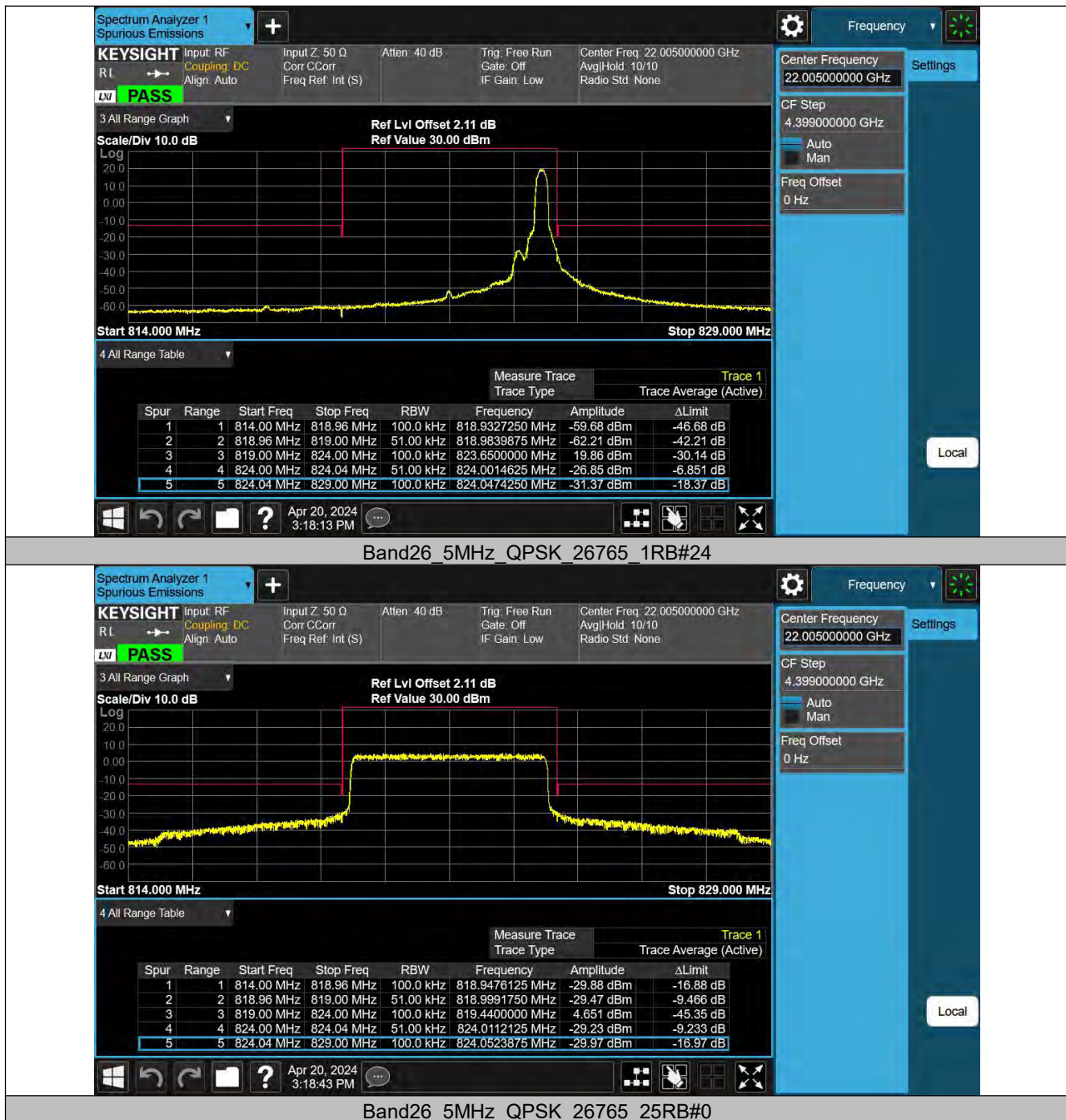
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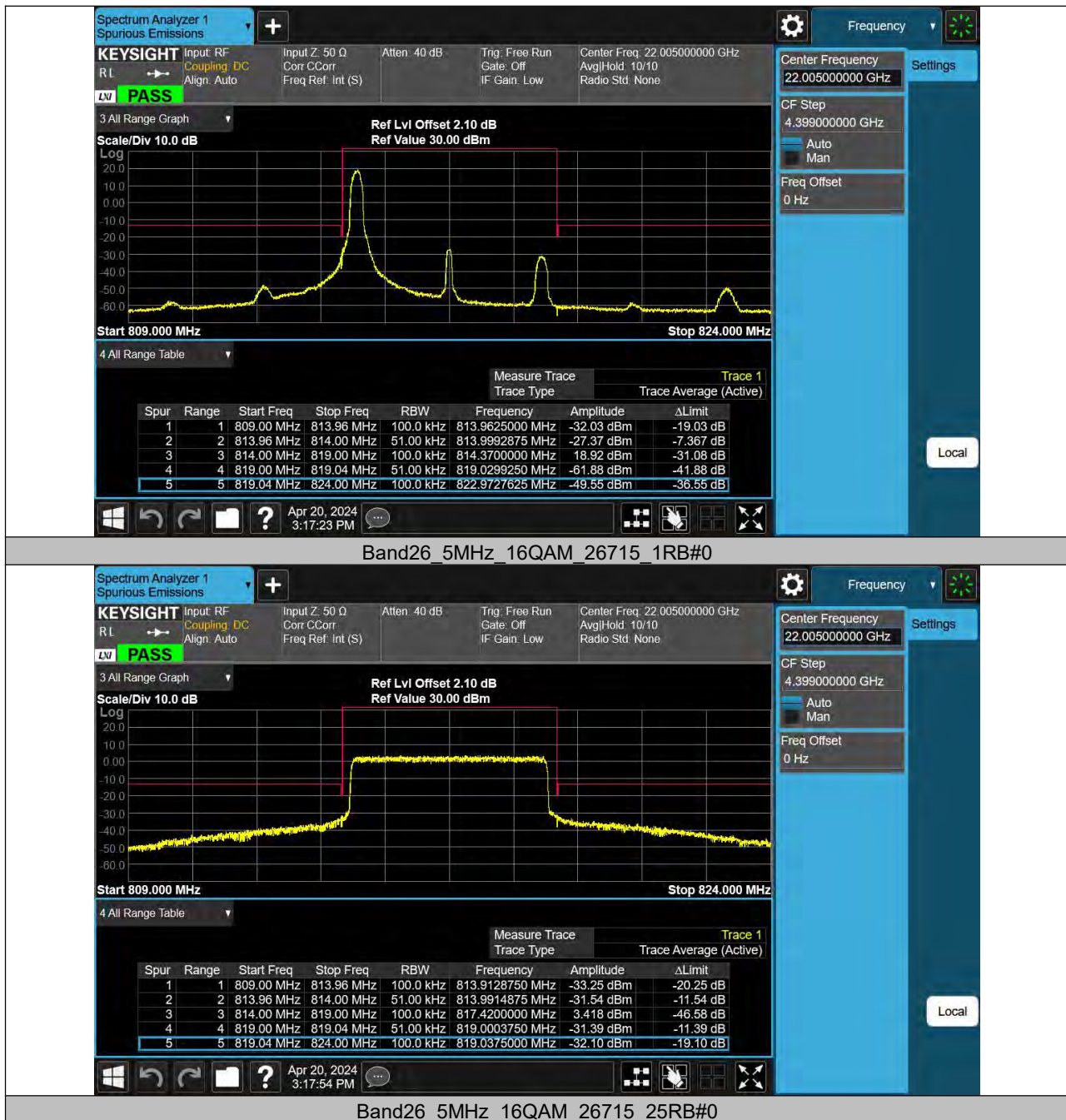
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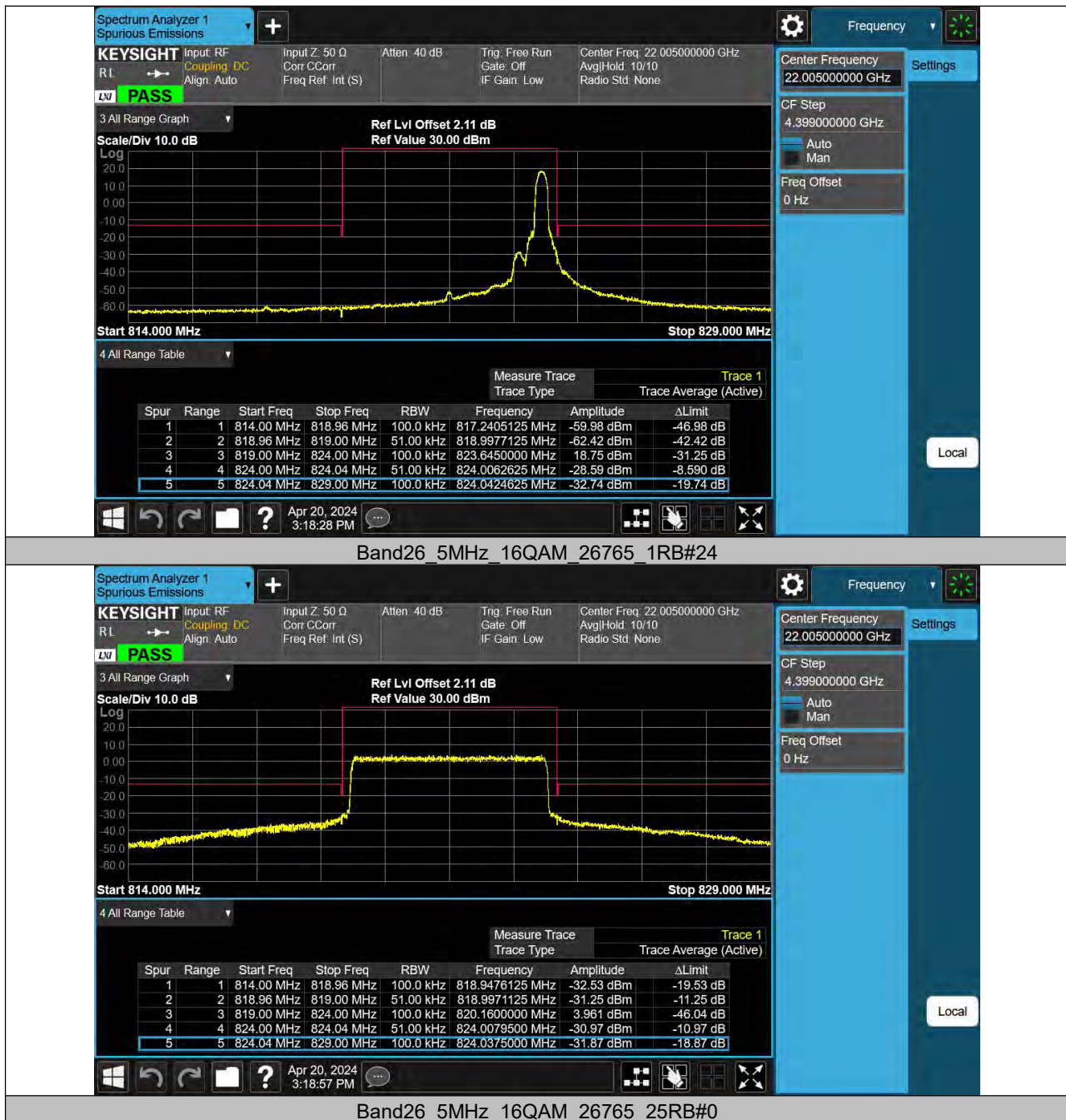
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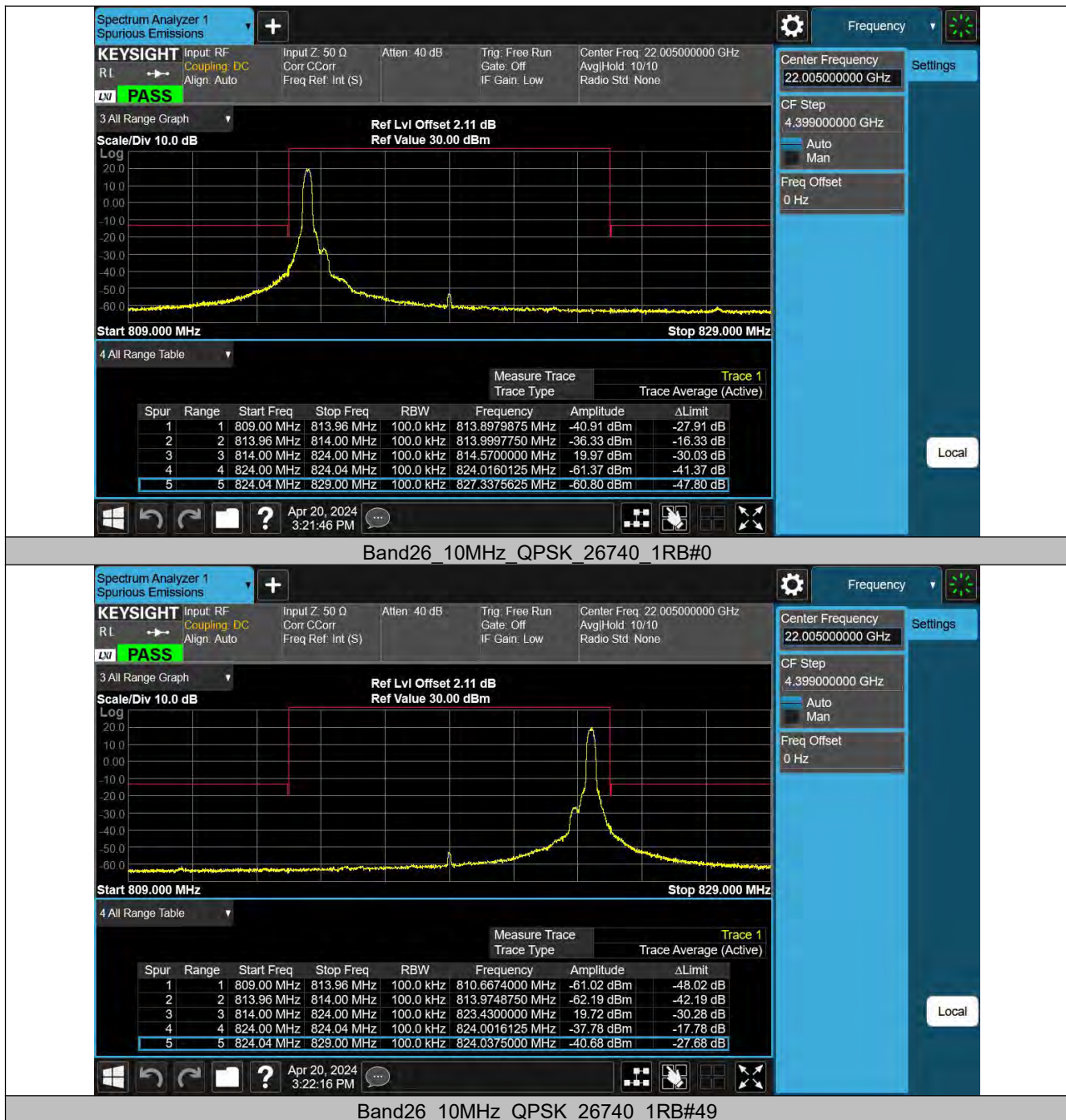
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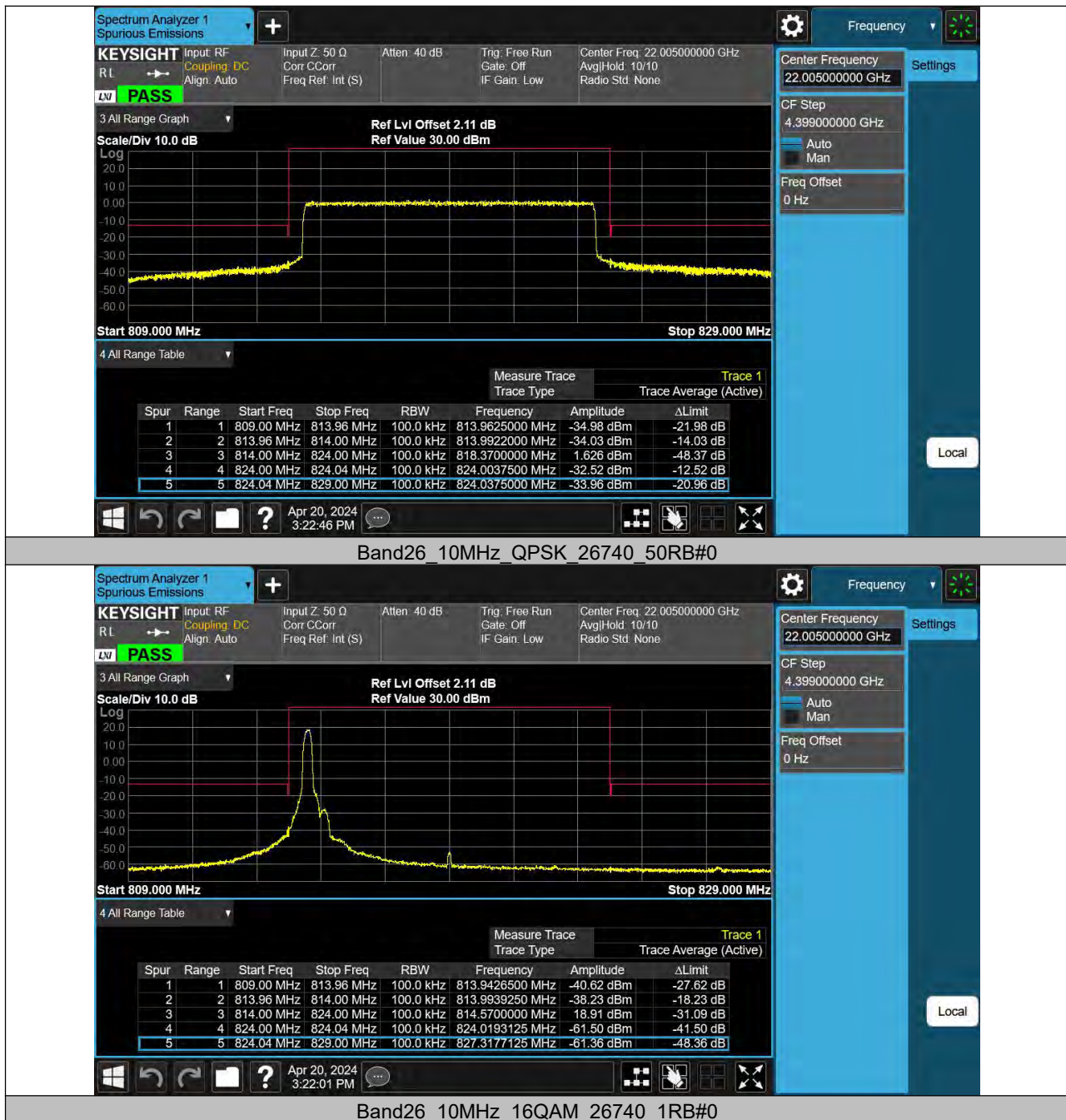
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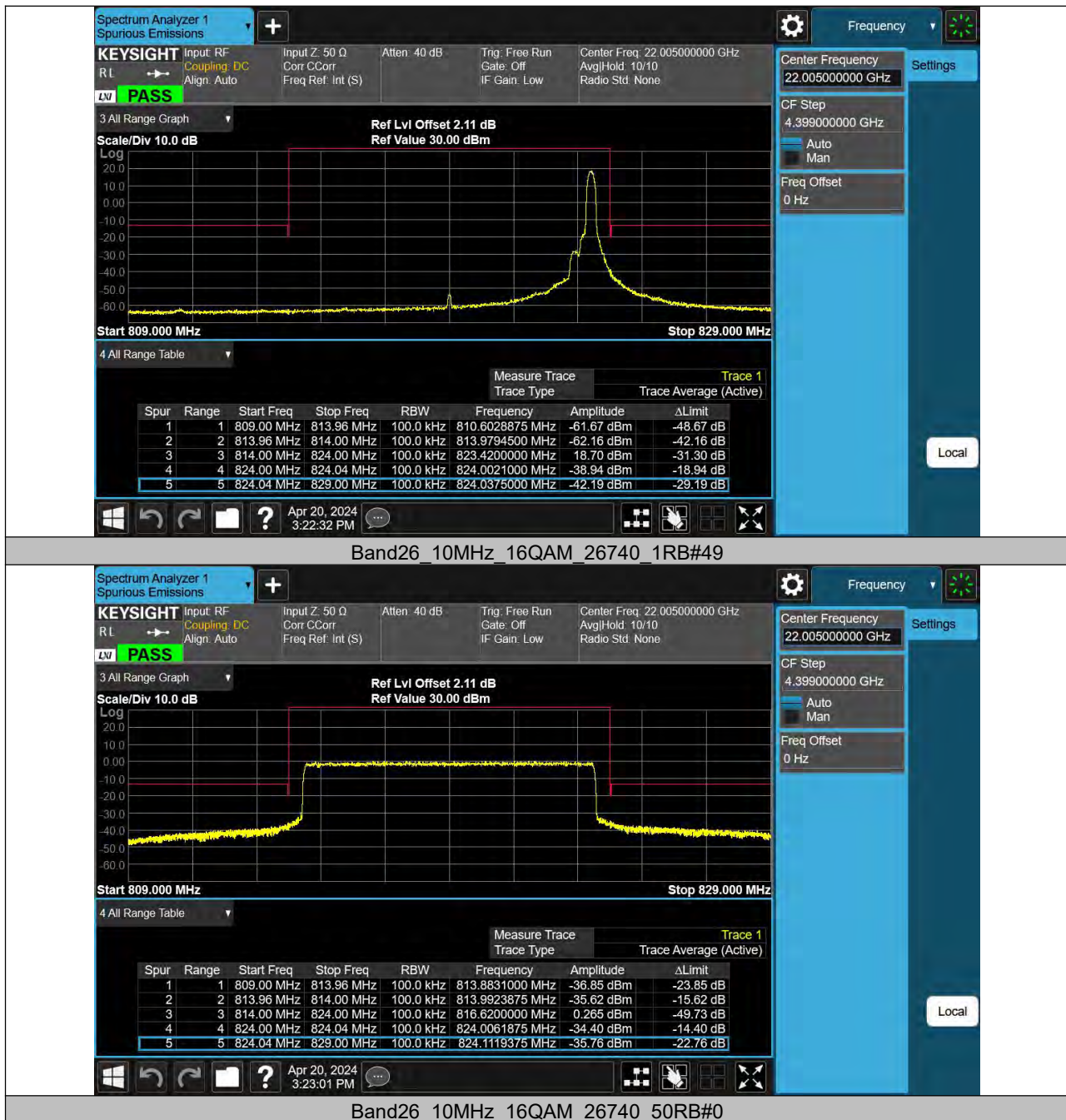
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VERITAS

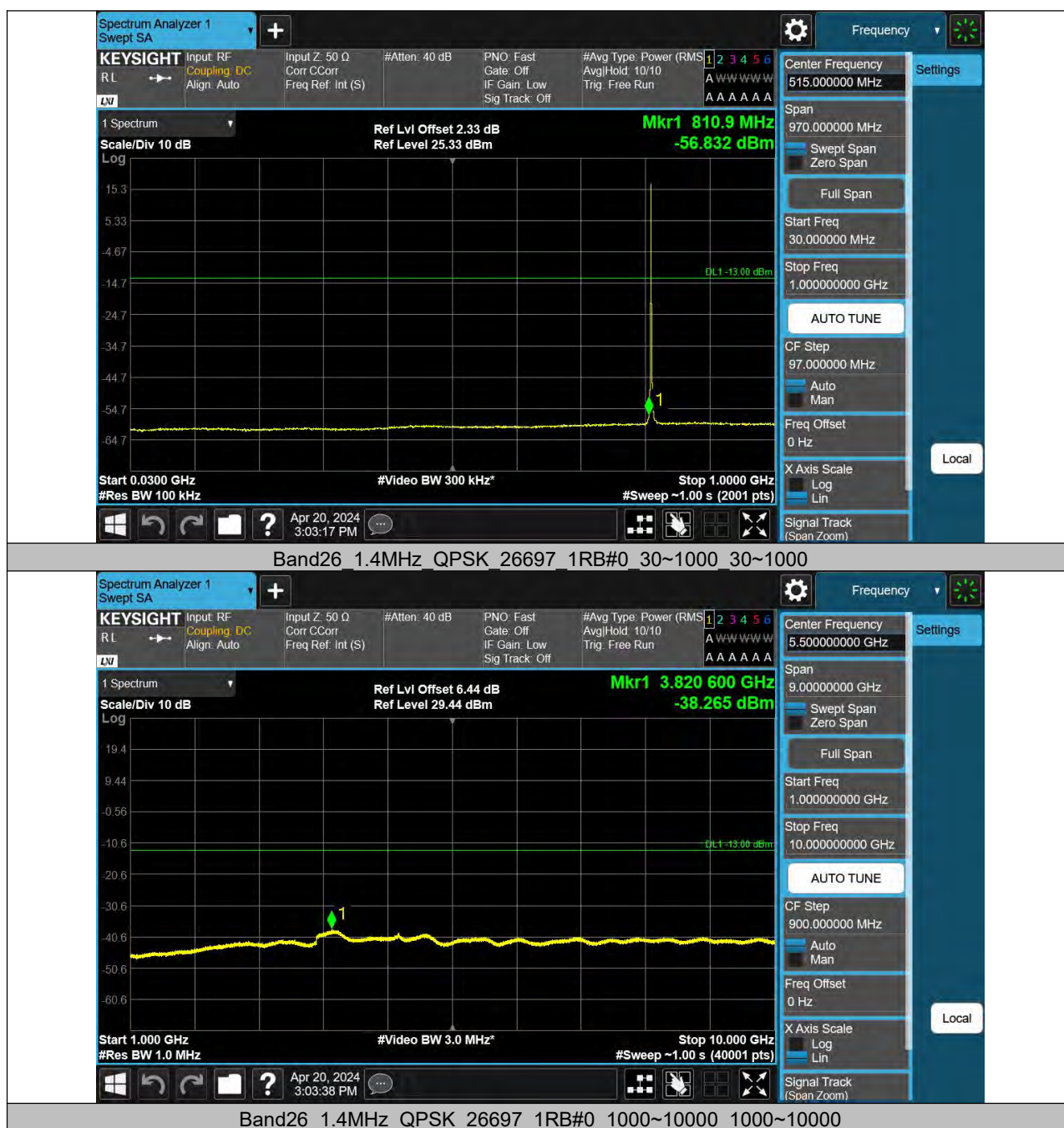
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CONDUCTED SPURIOUS EMISSION TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
26(814-824)	1.4MHz	QPSK	26697	1RB#0	30~1000	-56.83	PASS
26(814-824)	1.4MHz	QPSK	26697	1RB#0	1000~10000	-38.27	PASS
26(814-824)	1.4MHz	QPSK	26740	1RB#0	30~1000	-56.25	PASS
26(814-824)	1.4MHz	QPSK	26740	1RB#0	1000~10000	-38.50	PASS
26(814-824)	1.4MHz	QPSK	26783	1RB#0	30~1000	-56.18	PASS
26(814-824)	1.4MHz	QPSK	26783	1RB#0	1000~10000	-38.45	PASS
26(814-824)	3MHz	QPSK	26705	1RB#0	30~1000	-55.95	PASS
26(814-824)	3MHz	QPSK	26705	1RB#0	1000~10000	-38.44	PASS
26(814-824)	3MHz	QPSK	26740	1RB#0	30~1000	-55.11	PASS
26(814-824)	3MHz	QPSK	26740	1RB#0	1000~10000	-38.35	PASS
26(814-824)	3MHz	QPSK	26775	1RB#0	30~1000	-57.46	PASS
26(814-824)	3MHz	QPSK	26775	1RB#0	1000~10000	-38.33	PASS
26(814-824)	5MHz	QPSK	26715	1RB#0	30~1000	-58.69	PASS
26(814-824)	5MHz	QPSK	26715	1RB#0	1000~10000	-38.45	PASS
26(814-824)	5MHz	QPSK	26740	1RB#0	30~1000	-59.04	PASS
26(814-824)	5MHz	QPSK	26740	1RB#0	1000~10000	-38.47	PASS
26(814-824)	5MHz	QPSK	26765	1RB#0	30~1000	-59.00	PASS
26(814-824)	5MHz	QPSK	26765	1RB#0	1000~10000	-38.49	PASS
26(814-824)	10MHz	QPSK	26740	1RB#0	30~1000	-58.86	PASS
26(814-824)	10MHz	QPSK	26740	1RB#0	1000~10000	-38.38	PASS

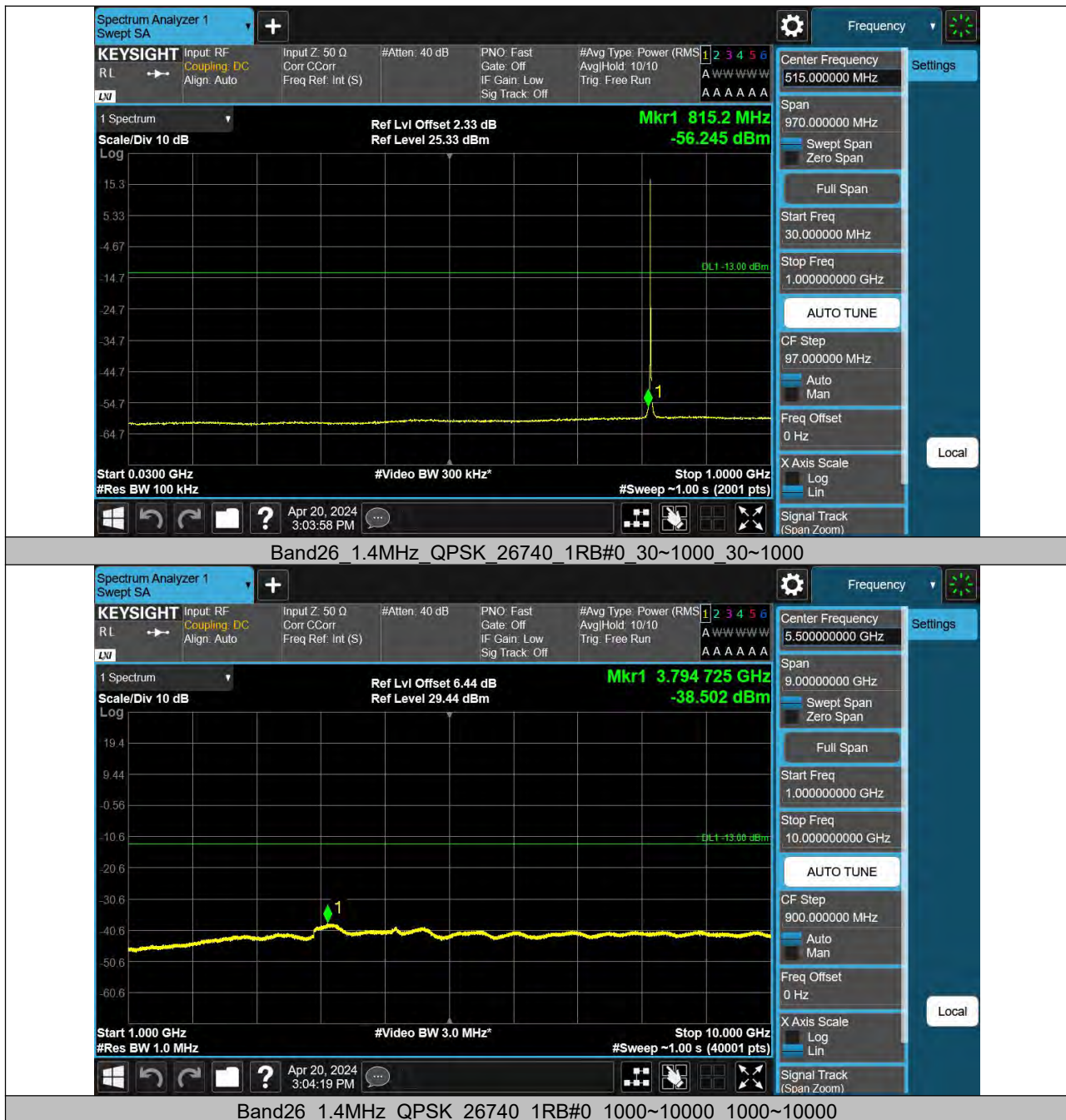
TEST GRAPHS





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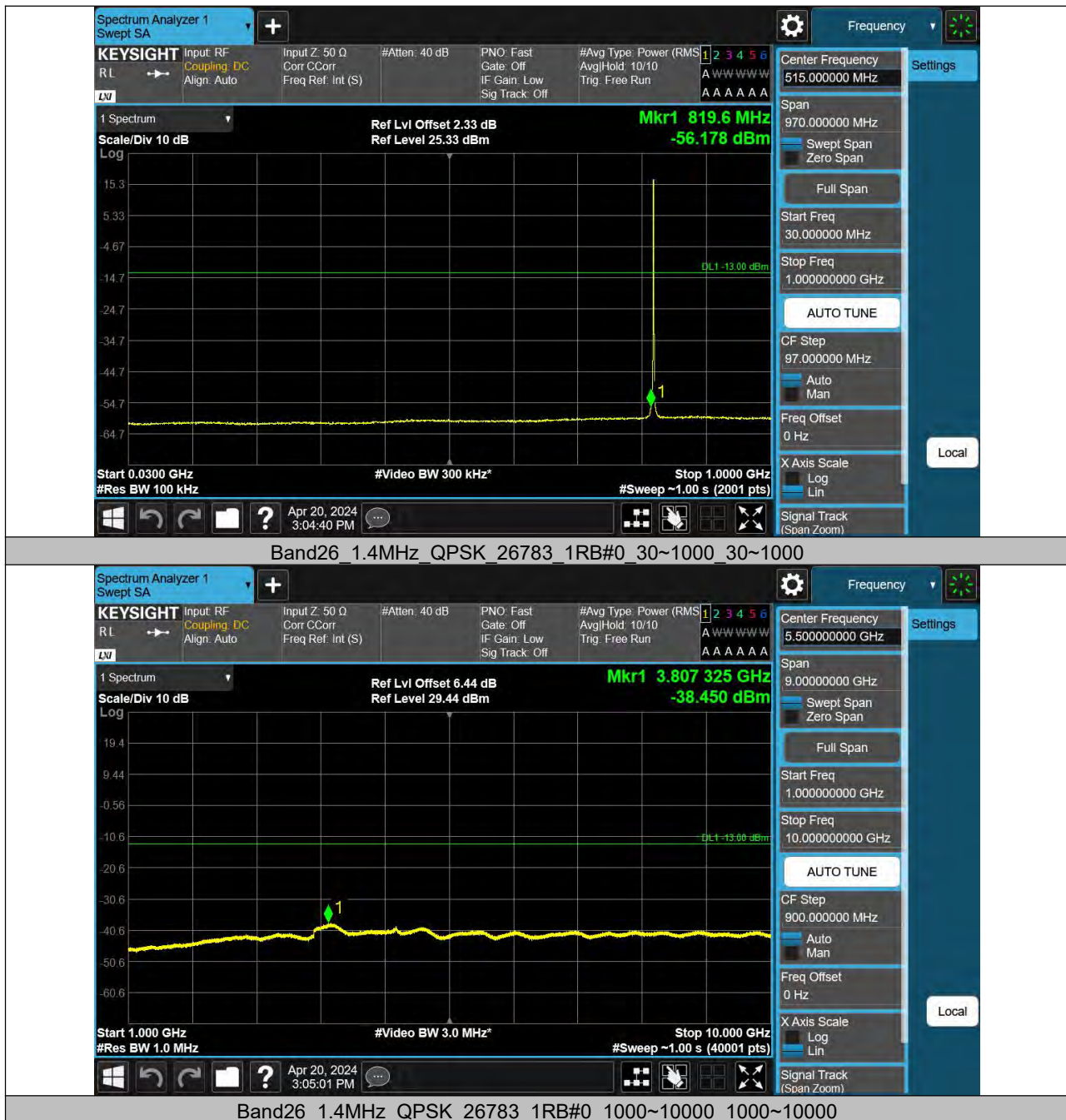
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VERITAS

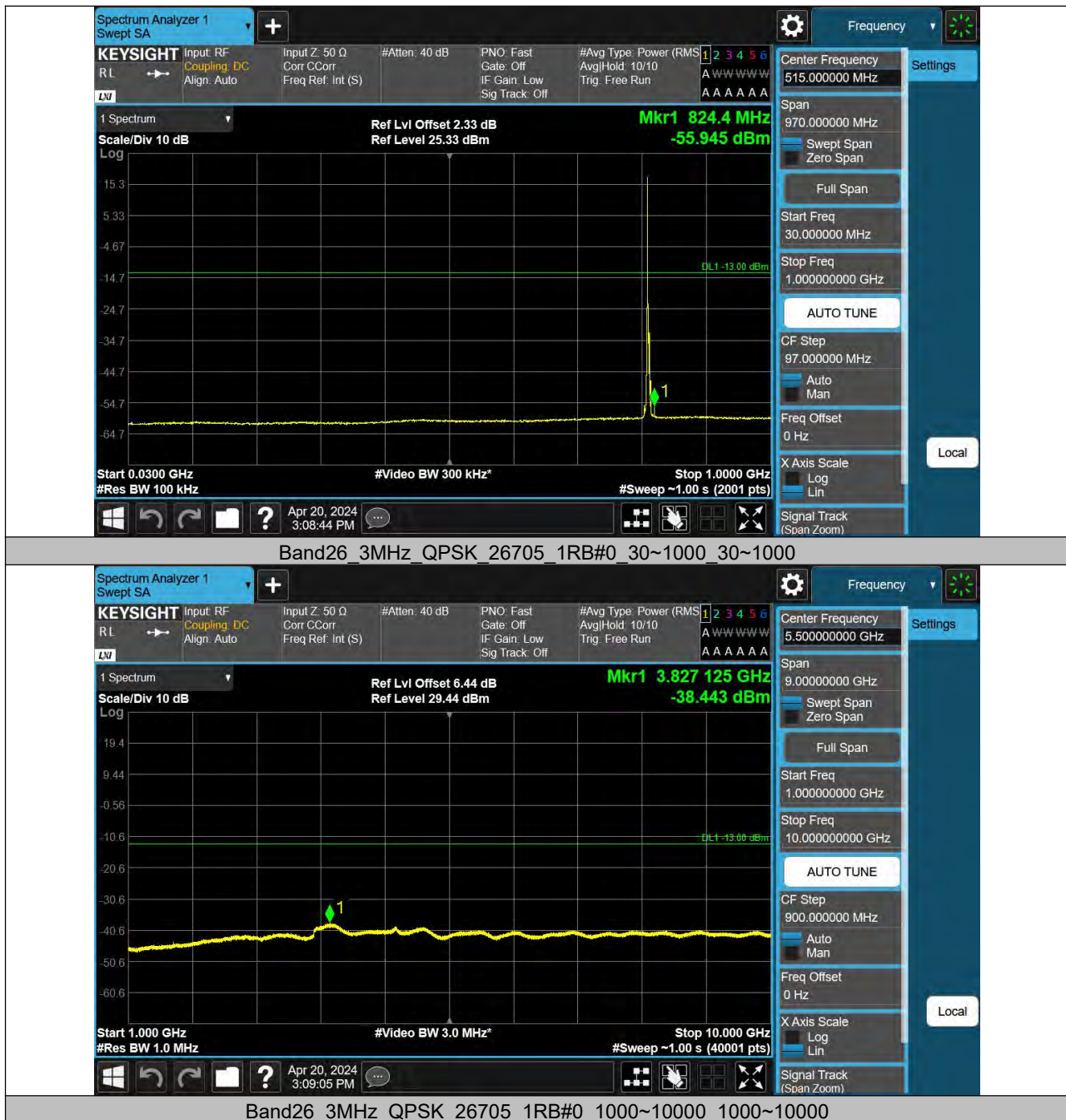
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VERITAS

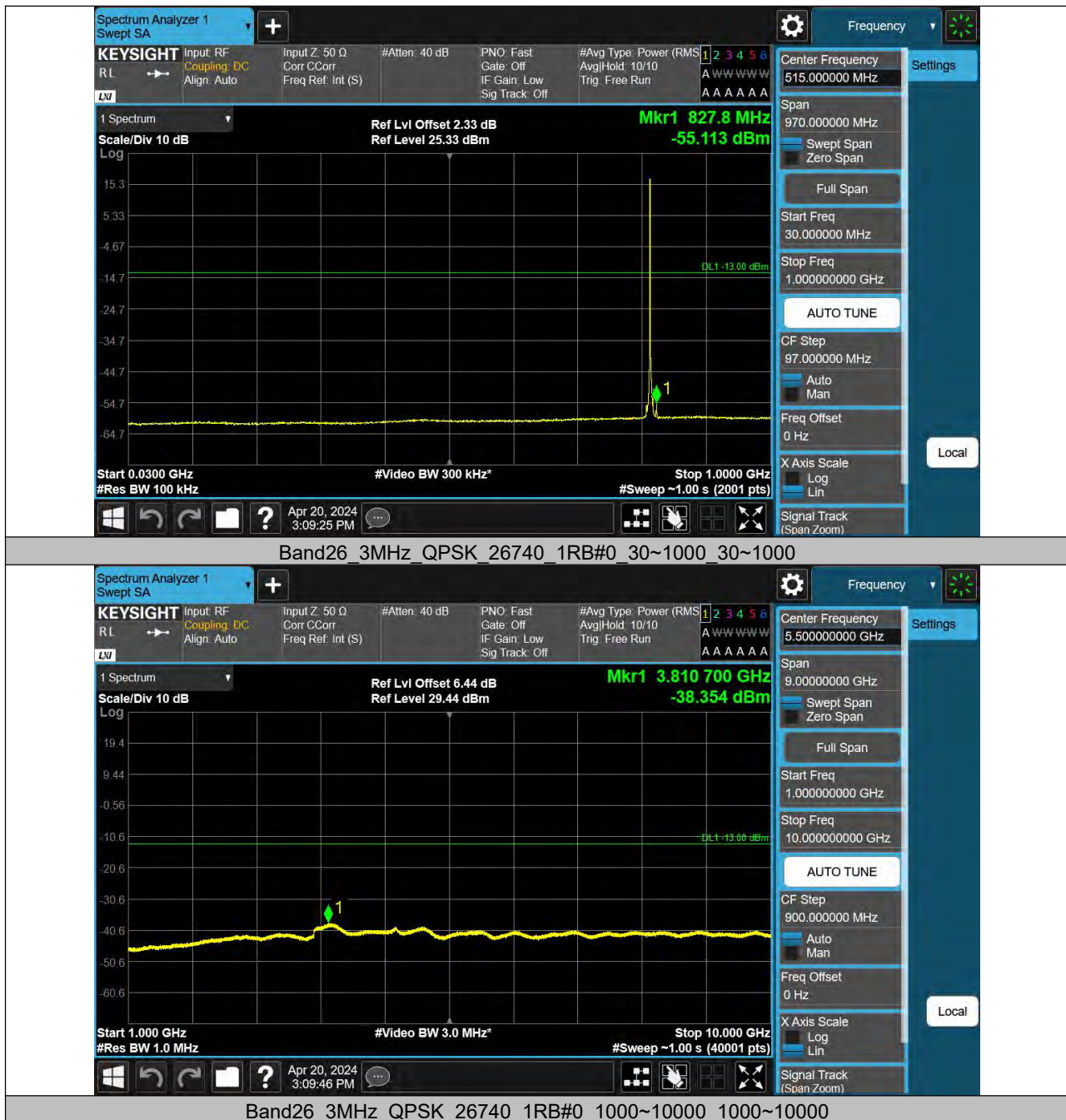
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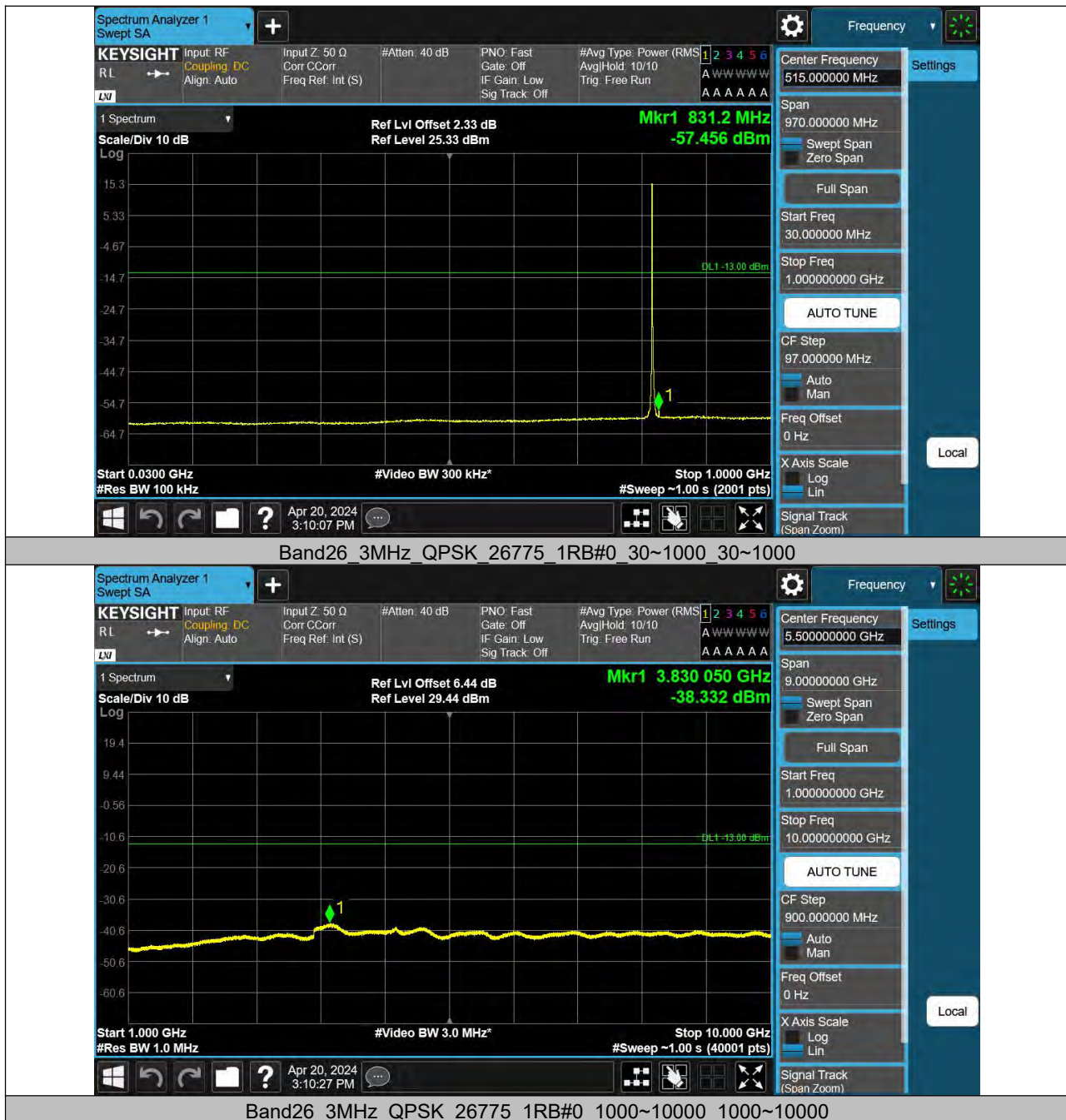
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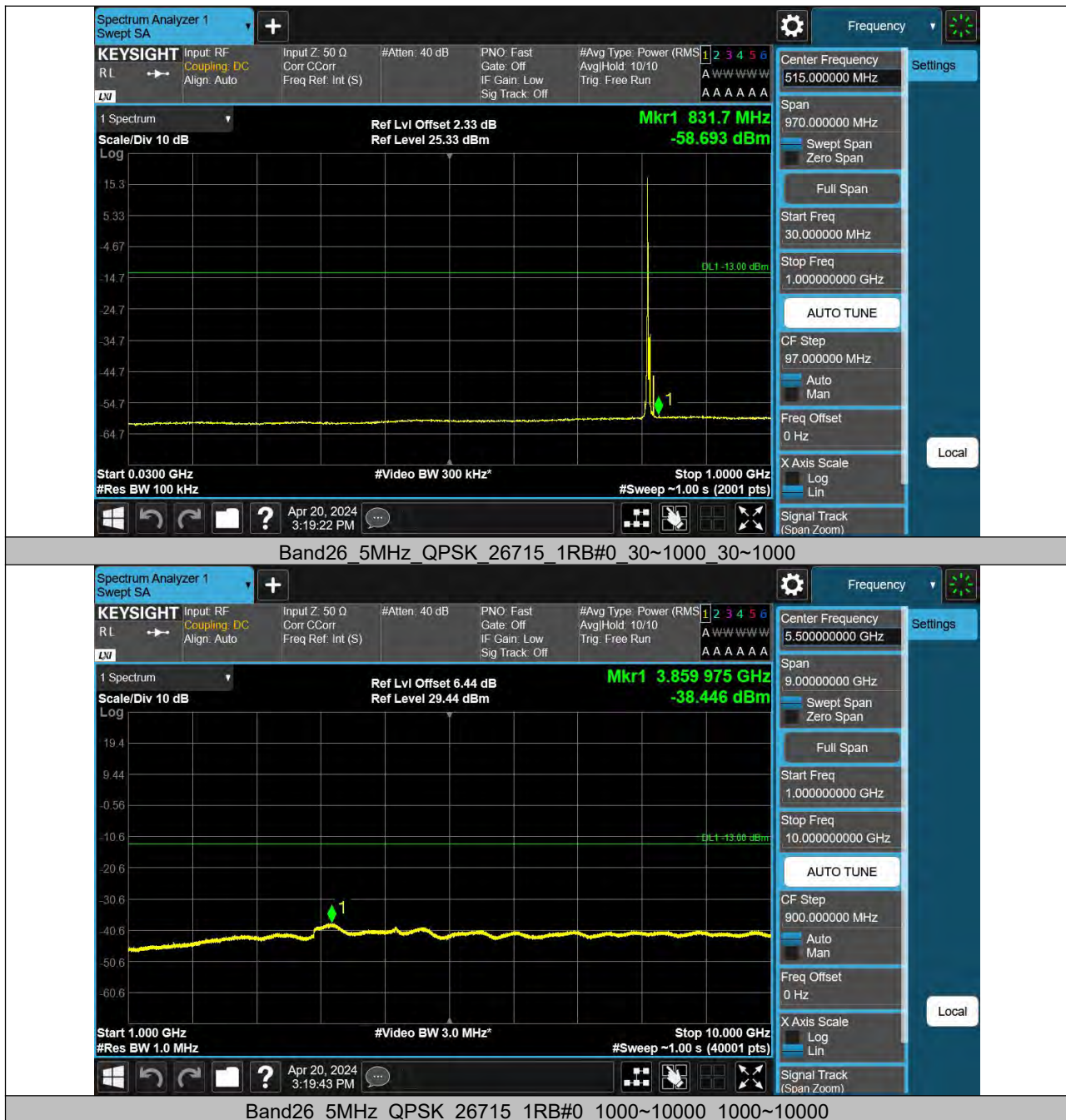
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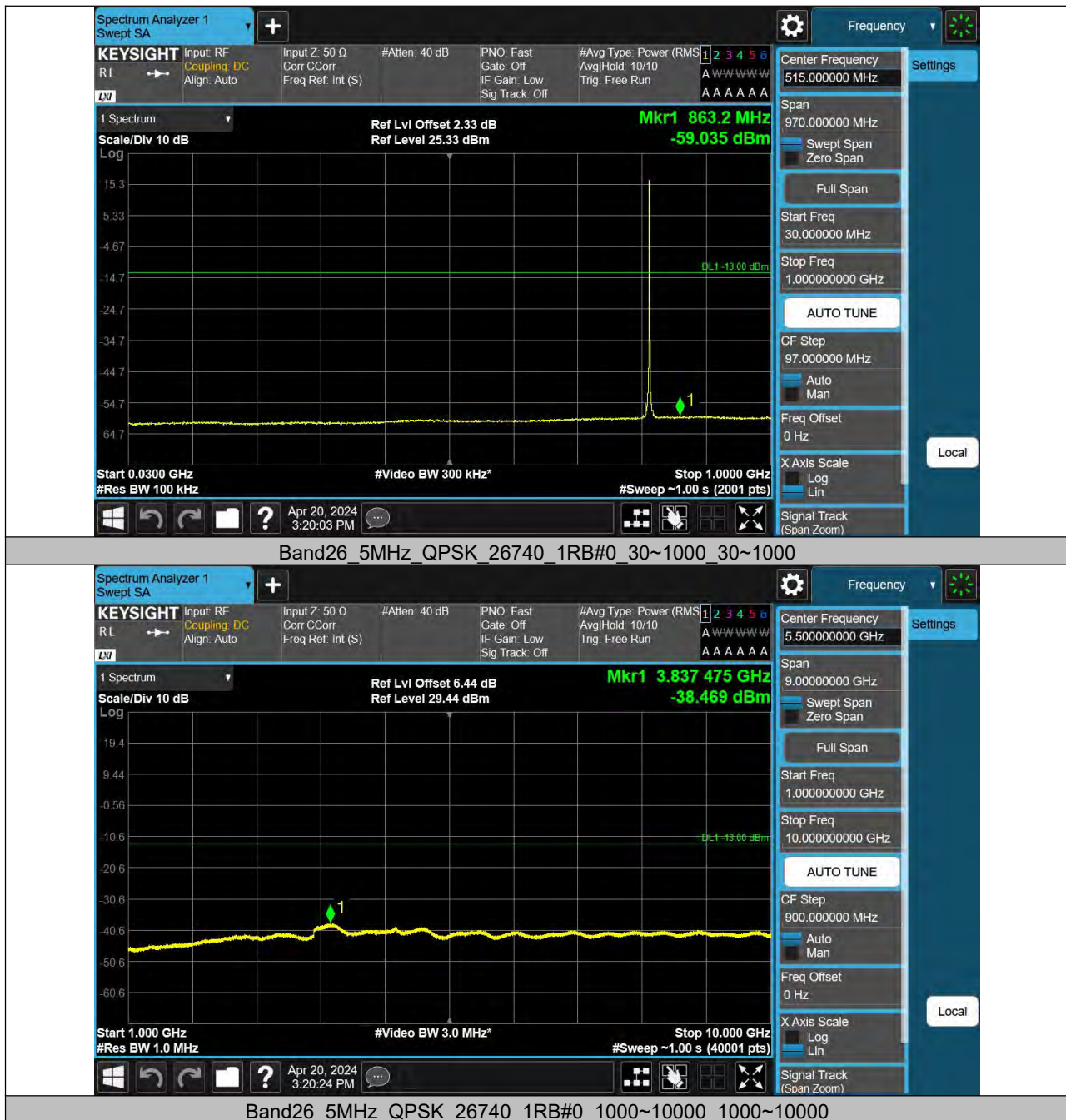
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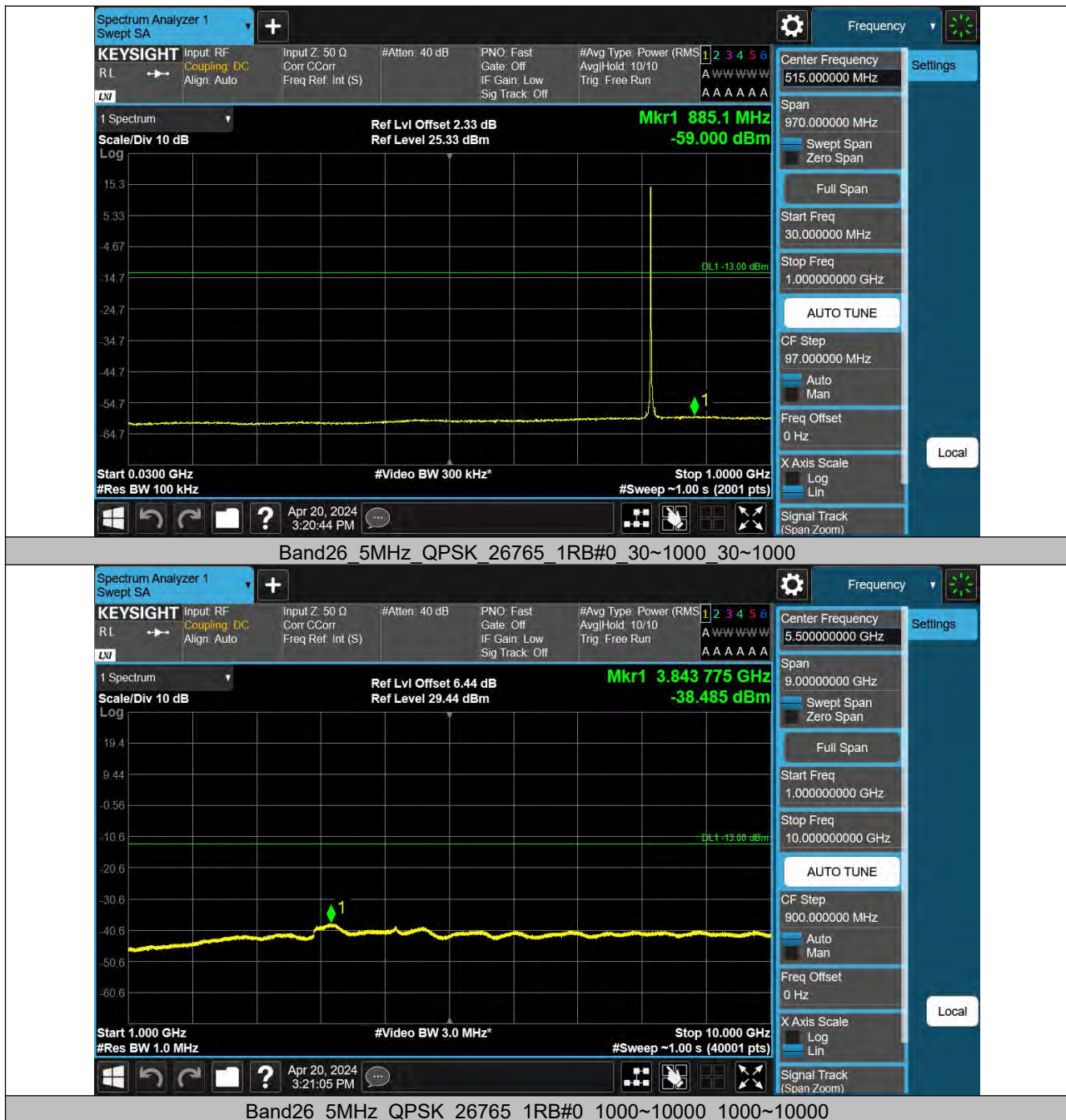
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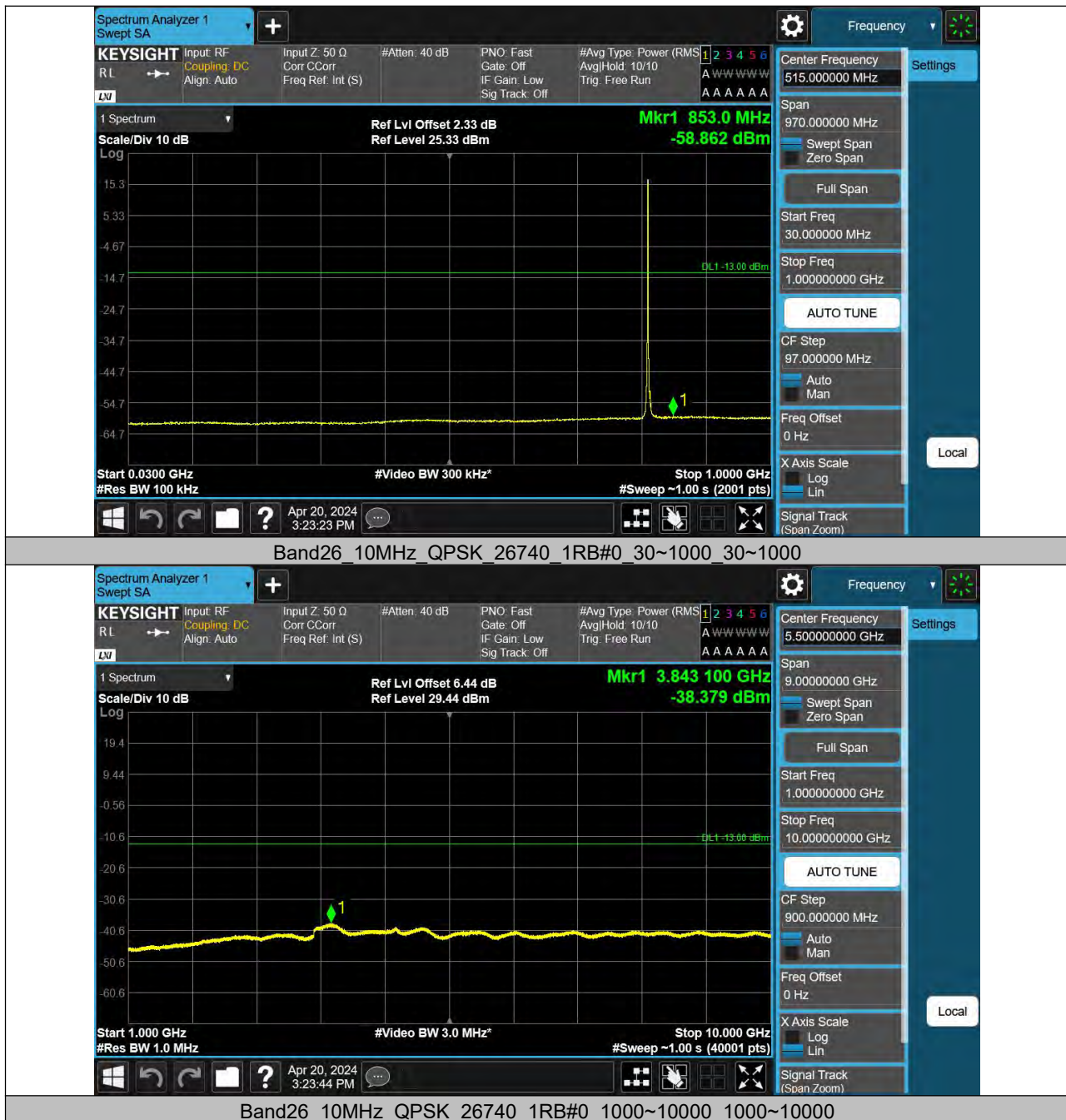
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VERITAS

Reference No.: PSU-NQN2403180115RF10



FREQUENCY STABILITY TEST RESULT

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
26(814-824)	5MHz	QPSK	26715	25RB#0	VN	NT	-3.06	-0.003748	±1.5	PASS
26(814-824)	5MHz	QPSK	26715	25RB#0	VL	NT	-3.05	-0.003735	±1.5	PASS
26(814-824)	5MHz	QPSK	26715	25RB#0	VH	NT	-2.72	-0.003331	±1.5	PASS
26(814-824)	5MHz	QPSK	26740	25RB#0	VN	NT	3.78	0.004615	±1.5	PASS
26(814-824)	5MHz	QPSK	26740	25RB#0	VL	NT	3.29	0.004017	±1.5	PASS
26(814-824)	5MHz	QPSK	26740	25RB#0	VH	NT	2.62	0.003199	±1.5	PASS
26(814-824)	5MHz	QPSK	26765	25RB#0	VN	NT	2.02	0.002459	±1.5	PASS
26(814-824)	5MHz	QPSK	26765	25RB#0	VL	NT	1.37	0.001668	±1.5	PASS
26(814-824)	5MHz	QPSK	26765	25RB#0	VH	NT	3.16	0.003847	±1.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
26(814-824)	5MHz	QPSK	26715	25RB#0	NV	-30	1.49	0.001825	±1.5	PASS
26(814-824)	5MHz	QPSK	26715	25RB#0	NV	-20	-2.06	-0.002523	±1.5	PASS
26(814-824)	5MHz	QPSK	26715	25RB#0	NV	-10	-2.52	-0.003086	±1.5	PASS
26(814-824)	5MHz	QPSK	26715	25RB#0	NV	0	-3.13	-0.003833	±1.5	PASS
26(814-824)	5MHz	QPSK	26715	25RB#0	NV	10	2.12	0.002596	±1.5	PASS
26(814-824)	5MHz	QPSK	26715	25RB#0	NV	20	-3.09	-0.003784	±1.5	PASS
26(814-824)	5MHz	QPSK	26715	25RB#0	NV	30	-3.15	-0.003858	±1.5	PASS
26(814-824)	5MHz	QPSK	26715	25RB#0	NV	40	1.17	0.001433	±1.5	PASS
26(814-824)	5MHz	QPSK	26715	25RB#0	NV	50	2.47	0.003025	±1.5	PASS
26(814-824)	5MHz	QPSK	26740	25RB#0	NV	-30	3.93	0.004799	±1.5	PASS



Reference No.: PSU-NQN2403180115RF10

824)										
26(814-824)	5MHz	QPSK	26740	25RB#0	NV	-20	1.56	0.001905	±1.5	PASS
26(814-824)	5MHz	QPSK	26740	25RB#0	NV	-10	1.50	0.001832	±1.5	PASS
26(814-824)	5MHz	QPSK	26740	25RB#0	NV	0	2.07	0.002527	±1.5	PASS
26(814-824)	5MHz	QPSK	26740	25RB#0	NV	10	2.76	0.003370	±1.5	PASS
26(814-824)	5MHz	QPSK	26740	25RB#0	NV	20	-1.79	-0.002186	±1.5	PASS
26(814-824)	5MHz	QPSK	26740	25RB#0	NV	30	2.00	0.002442	±1.5	PASS
26(814-824)	5MHz	QPSK	26740	25RB#0	NV	40	-2.13	-0.002601	±1.5	PASS
26(814-824)	5MHz	QPSK	26740	25RB#0	NV	50	-1.23	-0.001502	±1.5	PASS
26(814-824)	5MHz	QPSK	26765	25RB#0	NV	-30	2.82	0.003433	±1.5	PASS
26(814-824)	5MHz	QPSK	26765	25RB#0	NV	-20	4.22	0.005137	±1.5	PASS
26(814-824)	5MHz	QPSK	26765	25RB#0	NV	-10	2.40	0.002921	±1.5	PASS
26(814-824)	5MHz	QPSK	26765	25RB#0	NV	0	2.20	0.002678	±1.5	PASS
26(814-824)	5MHz	QPSK	26765	25RB#0	NV	10	-1.26	-0.001534	±1.5	PASS
26(814-824)	5MHz	QPSK	26765	25RB#0	NV	20	2.90	0.003530	±1.5	PASS
26(814-824)	5MHz	QPSK	26765	25RB#0	NV	30	4.26	0.005186	±1.5	PASS
26(814-824)	5MHz	QPSK	26765	25RB#0	NV	40	1.30	0.001582	±1.5	PASS
26(814-824)	5MHz	QPSK	26765	25RB#0	NV	50	2.88	0.003506	±1.5	PASS

--END--