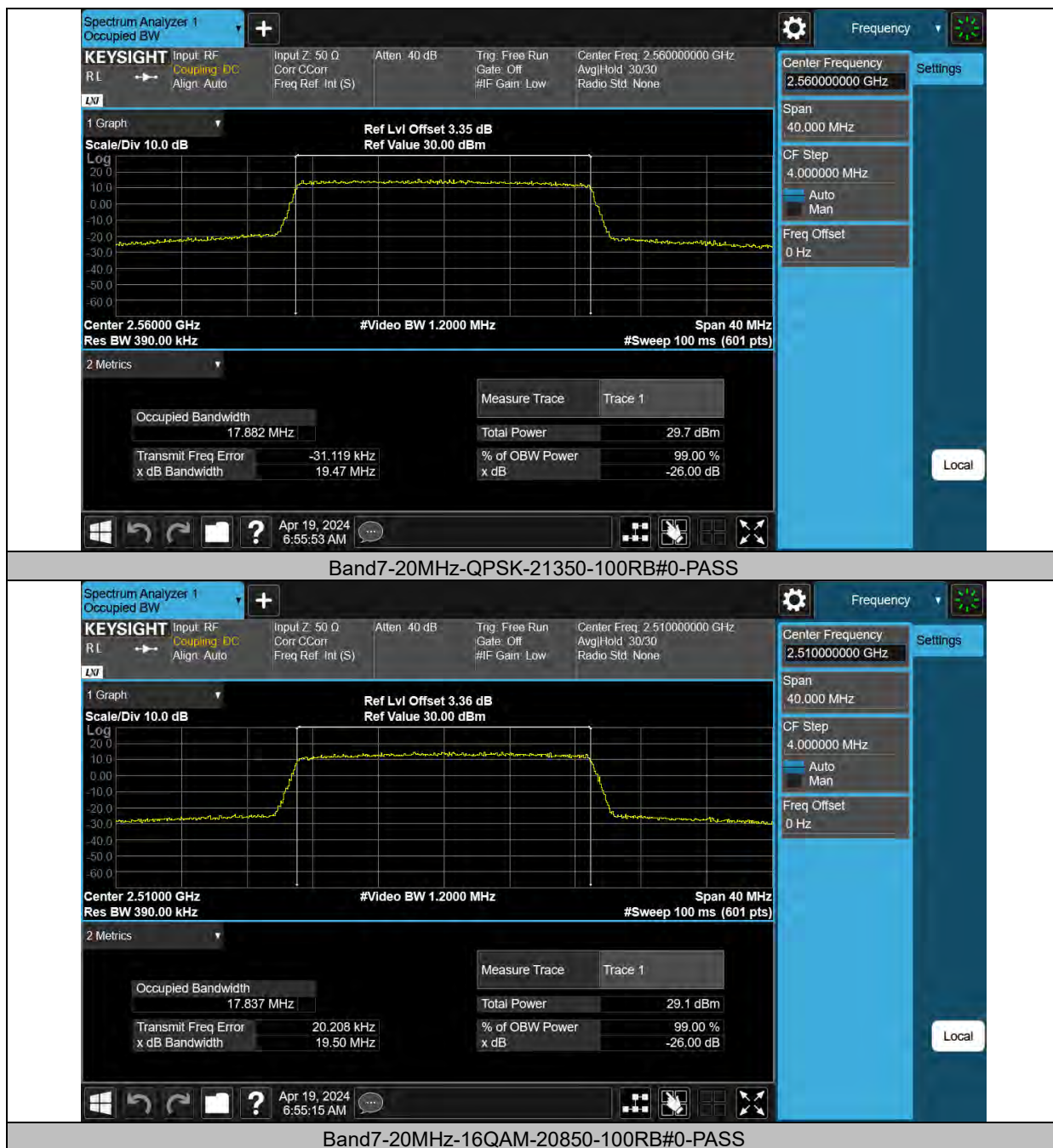








BAND EDGE

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	-26.88	PASS
Band7	5MHz	QPSK	20775	25RB#0	-42.45	PASS
Band7	5MHz	QPSK	21425	1RB#24	-25.55	PASS
Band7	5MHz	QPSK	21425	25RB#0	-38.37	PASS
Band7	5MHz	16QAM	20775	1RB#0	-29.02	PASS
Band7	5MHz	16QAM	20775	25RB#0	-27.05	PASS
Band7	5MHz	16QAM	21425	1RB#24	-26.42	PASS
Band7	5MHz	16QAM	21425	25RB#0	-24.74	PASS
Band7	10MHz	QPSK	20800	1RB#0	-47.50	PASS
Band7	10MHz	QPSK	20800	50RB#0	-42.21	PASS
Band7	10MHz	QPSK	21400	1RB#49	-34.03	PASS
Band7	10MHz	QPSK	21400	50RB#0	-37.87	PASS
Band7	10MHz	16QAM	20800	1RB#0	-47.93	PASS
Band7	10MHz	16QAM	20800	50RB#0	-44.17	PASS
Band7	10MHz	16QAM	21400	1RB#49	-49.60	PASS
Band7	10MHz	16QAM	21400	50RB#0	-40.55	PASS
Band7	15MHz	QPSK	20825	1RB#0	-35.82	PASS
Band7	15MHz	QPSK	20825	75RB#0	-34.89	PASS
Band7	15MHz	QPSK	21375	1RB#74	-37.30	PASS
Band7	15MHz	QPSK	21375	75RB#0	-31.96	PASS
Band7	15MHz	16QAM	20825	1RB#0	-37.46	PASS
Band7	15MHz	16QAM	20825	75RB#0	-37.29	PASS
Band7	15MHz	16QAM	21375	1RB#74	-49.73	PASS
Band7	15MHz	16QAM	21375	75RB#0	-41.90	PASS
Band7	20MHz	QPSK	20850	1RB#0	-37.17	PASS
Band7	20MHz	QPSK	20850	100RB#0	-37.09	PASS
Band7	20MHz	QPSK	21350	1RB#99	-49.83	PASS
Band7	20MHz	QPSK	21350	100RB#0	-29.63	PASS
Band7	20MHz	16QAM	20850	1RB#0	-38.92	PASS
Band7	20MHz	16QAM	20850	100RB#0	-36.94	PASS
Band7	20MHz	16QAM	21350	1RB#99	-49.91	PASS
Band7	20MHz	16QAM	21350	100RB#0	-30.05	PASS

Test Graphs





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Test Report No.: PSU-QSU2403110115RF03





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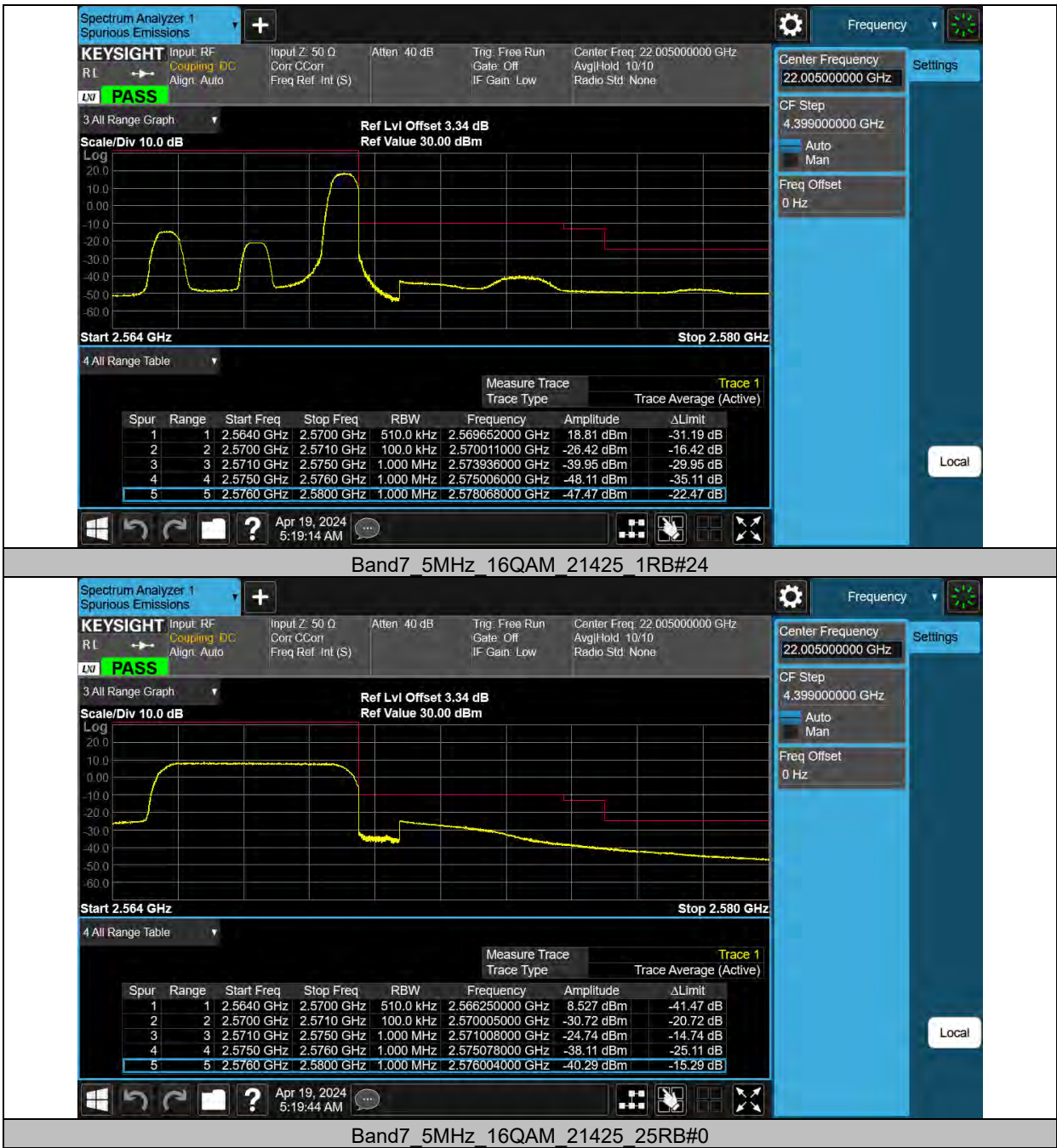
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Test Report No.: PSU-QSU2403110115RF03





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Test Report No.: PSU-QSU2403110115RF03





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Test Report No.: PSU-QSU2403110115RF03





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VERITAS

Test Report No.: PSU-QSU2403110115RF03





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VERITAS

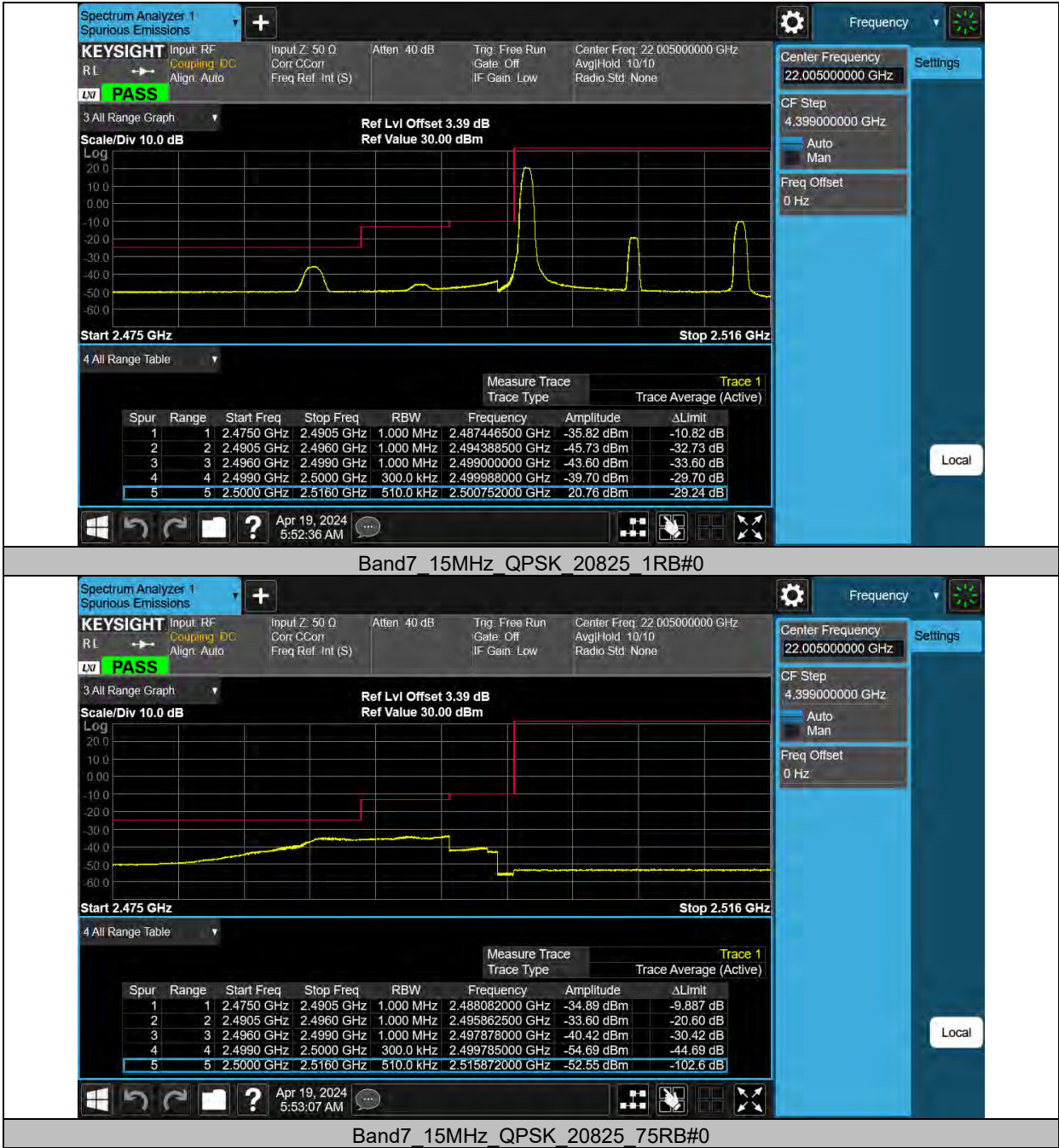
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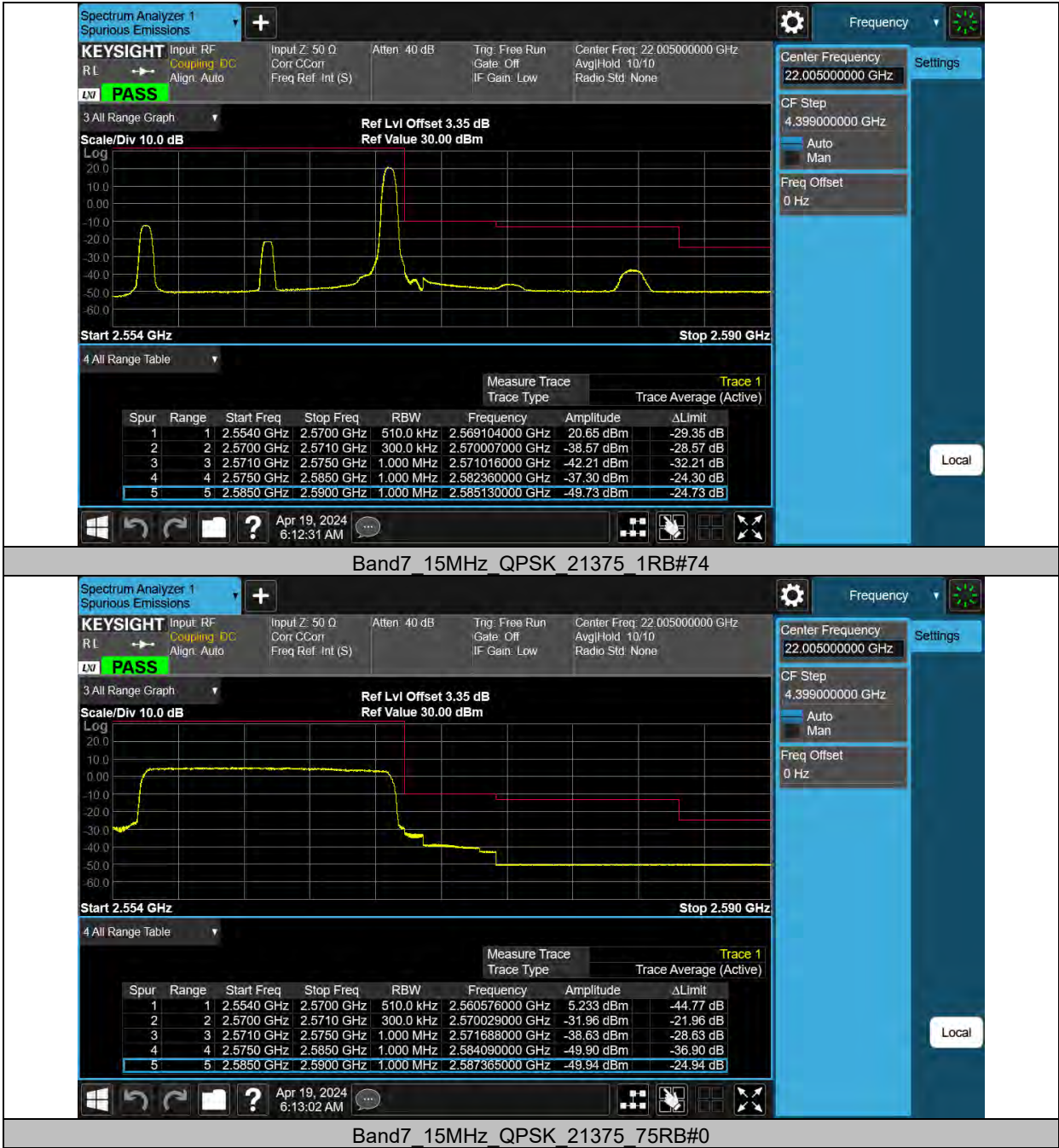
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Test Report No.: PSU-QSU2403110115RF03





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Test Report No.: PSU-QSU2403110115RF03





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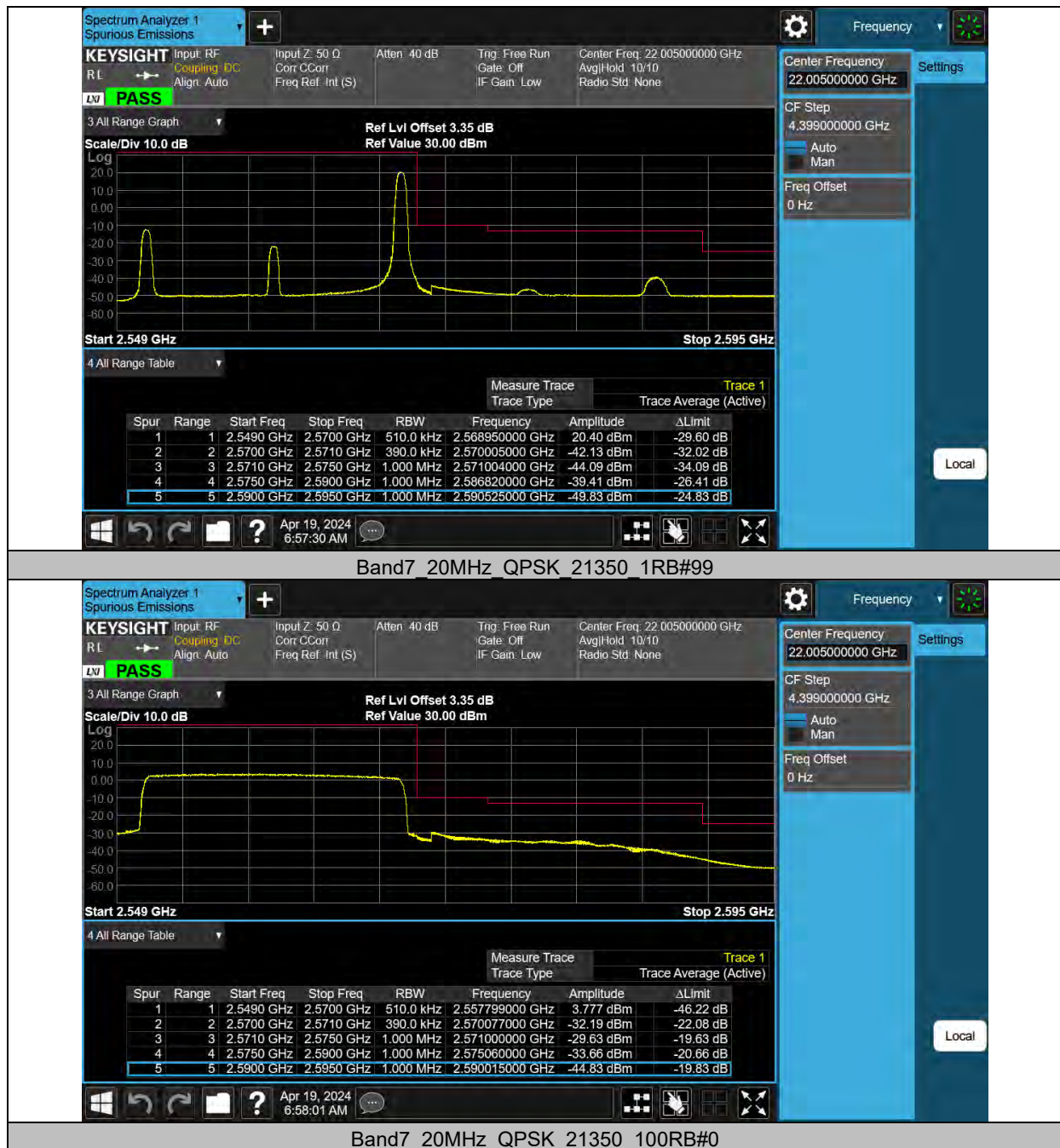
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Test Report No.: PSU-QSU2403110115RF03





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Test Report No.: PSU-QSU2403110115RF03





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Test Report No.: PSU-QSU2403110115RF03

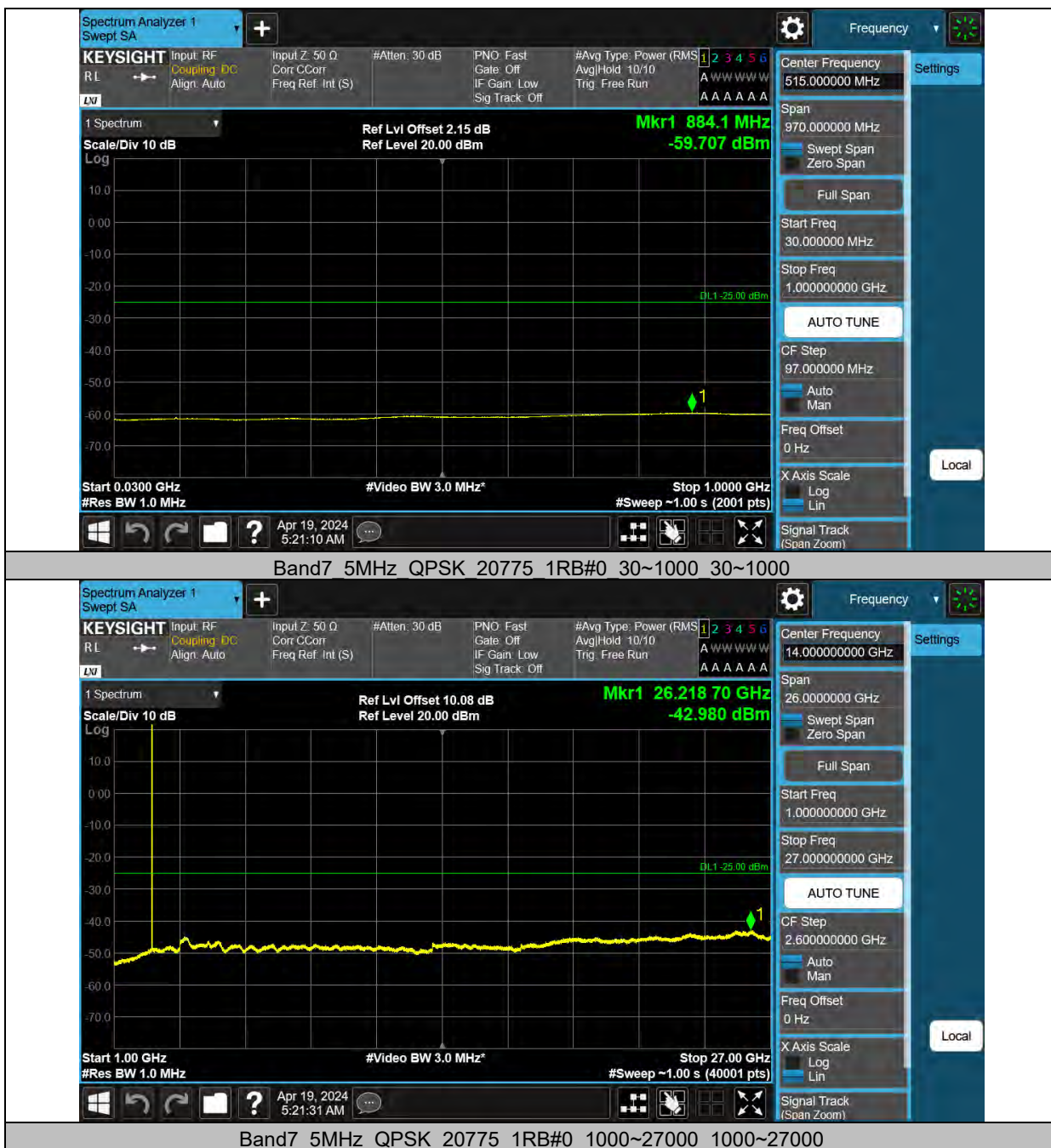


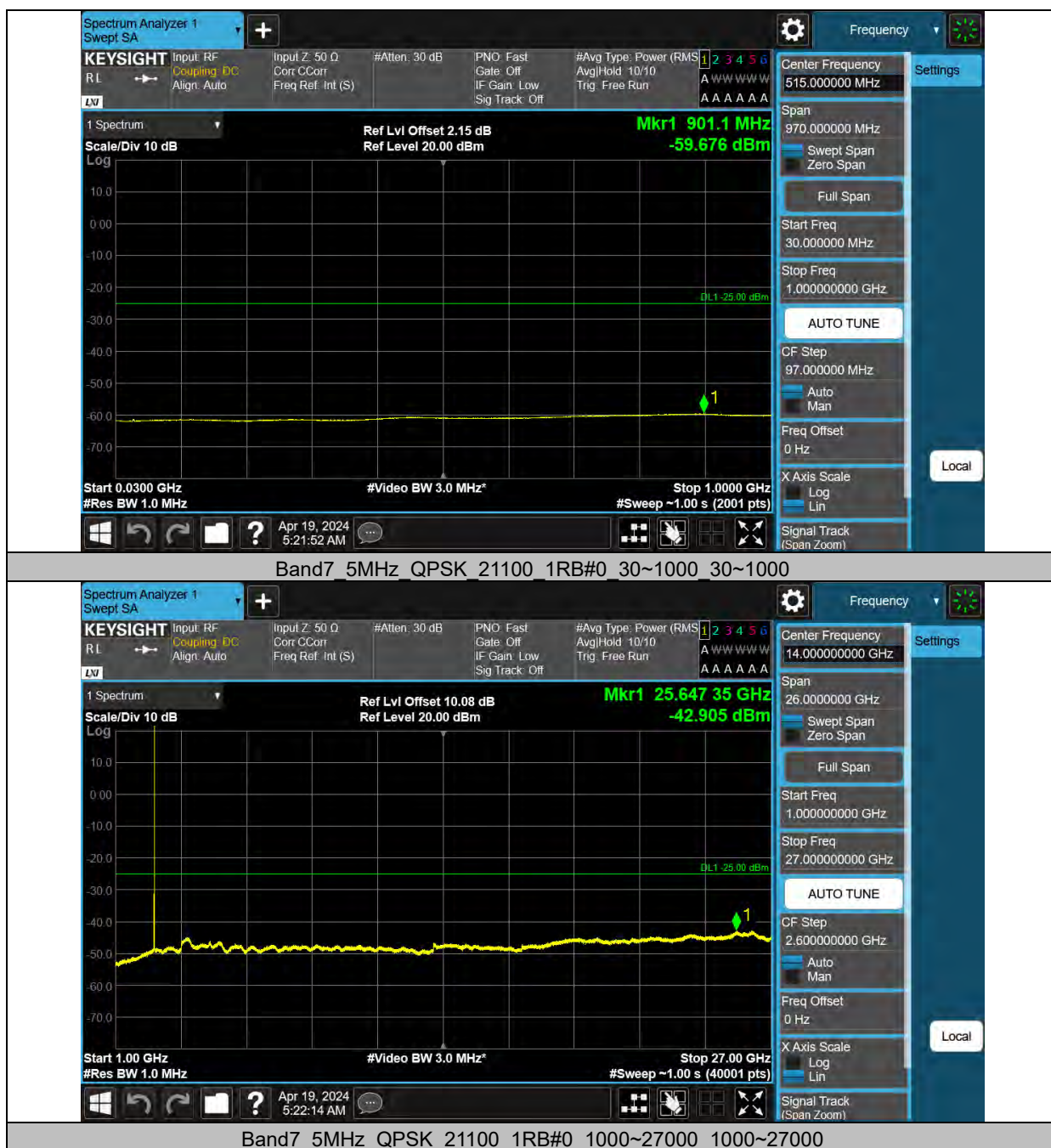
CONDUCTED SPURIOUS EMISSION

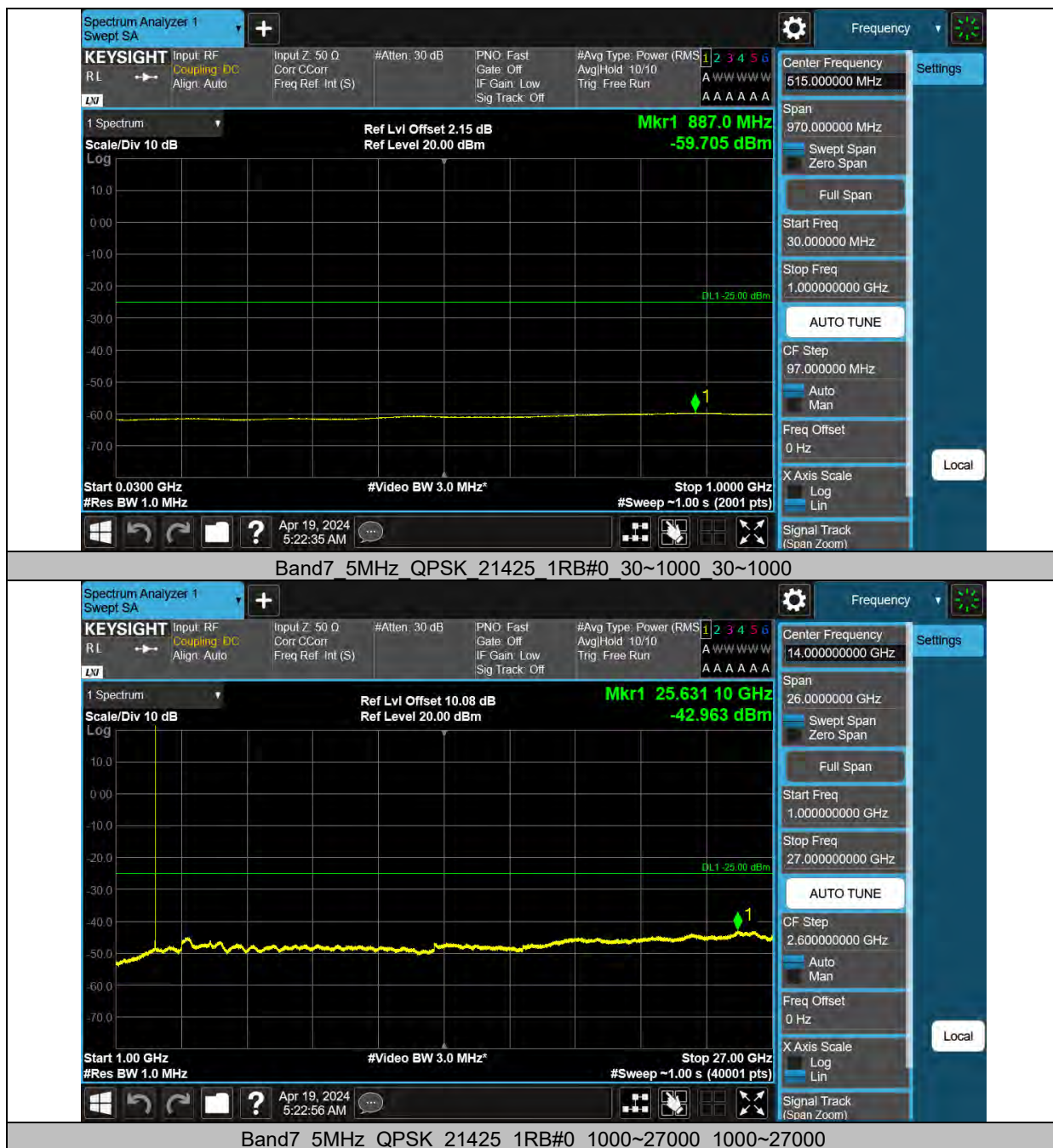
Test Result

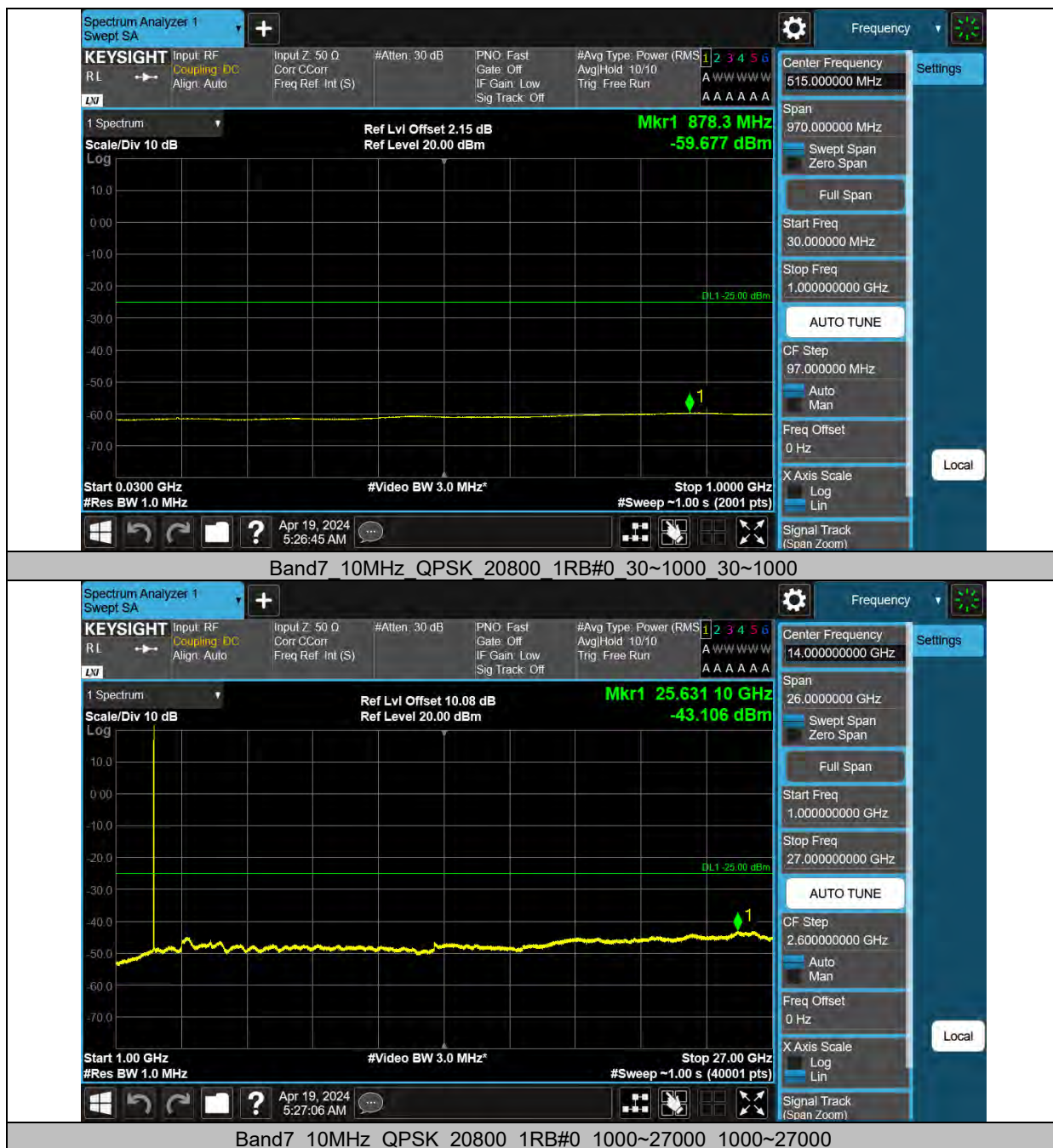
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	30~1000	-59.71	PASS
Band7	5MHz	QPSK	20775	1RB#0	1000~27000	-42.98	PASS
Band7	5MHz	QPSK	21100	1RB#0	30~1000	-59.68	PASS
Band7	5MHz	QPSK	21100	1RB#0	1000~27000	-42.91	PASS
Band7	5MHz	QPSK	21425	1RB#0	30~1000	-59.71	PASS
Band7	5MHz	QPSK	21425	1RB#0	1000~27000	-42.96	PASS
Band7	10MHz	QPSK	20800	1RB#0	30~1000	-59.68	PASS
Band7	10MHz	QPSK	20800	1RB#0	1000~27000	-43.11	PASS
Band7	10MHz	QPSK	21100	1RB#0	30~1000	-59.68	PASS
Band7	10MHz	QPSK	21100	1RB#0	1000~27000	-43.01	PASS
Band7	10MHz	QPSK	21400	1RB#0	30~1000	-59.63	PASS
Band7	10MHz	QPSK	21400	1RB#0	1000~27000	-42.87	PASS
Band7	15MHz	QPSK	20825	1RB#0	30~1000	-59.65	PASS
Band7	15MHz	QPSK	20825	1RB#0	1000~27000	-42.89	PASS
Band7	15MHz	QPSK	21100	1RB#0	30~1000	-59.62	PASS
Band7	15MHz	QPSK	21100	1RB#0	1000~27000	-42.97	PASS
Band7	15MHz	QPSK	21375	1RB#0	30~1000	-59.67	PASS
Band7	15MHz	QPSK	21375	1RB#0	1000~27000	-42.84	PASS
Band7	20MHz	QPSK	20850	1RB#0	30~1000	-59.69	PASS
Band7	20MHz	QPSK	20850	1RB#0	1000~27000	-42.90	PASS
Band7	20MHz	QPSK	21100	1RB#0	30~1000	-59.65	PASS
Band7	20MHz	QPSK	21100	1RB#0	1000~27000	-42.92	PASS
Band7	20MHz	QPSK	21350	1RB#0	30~1000	-59.63	PASS
Band7	20MHz	QPSK	21350	1RB#0	1000~27000	-42.75	PASS

Test Graphs





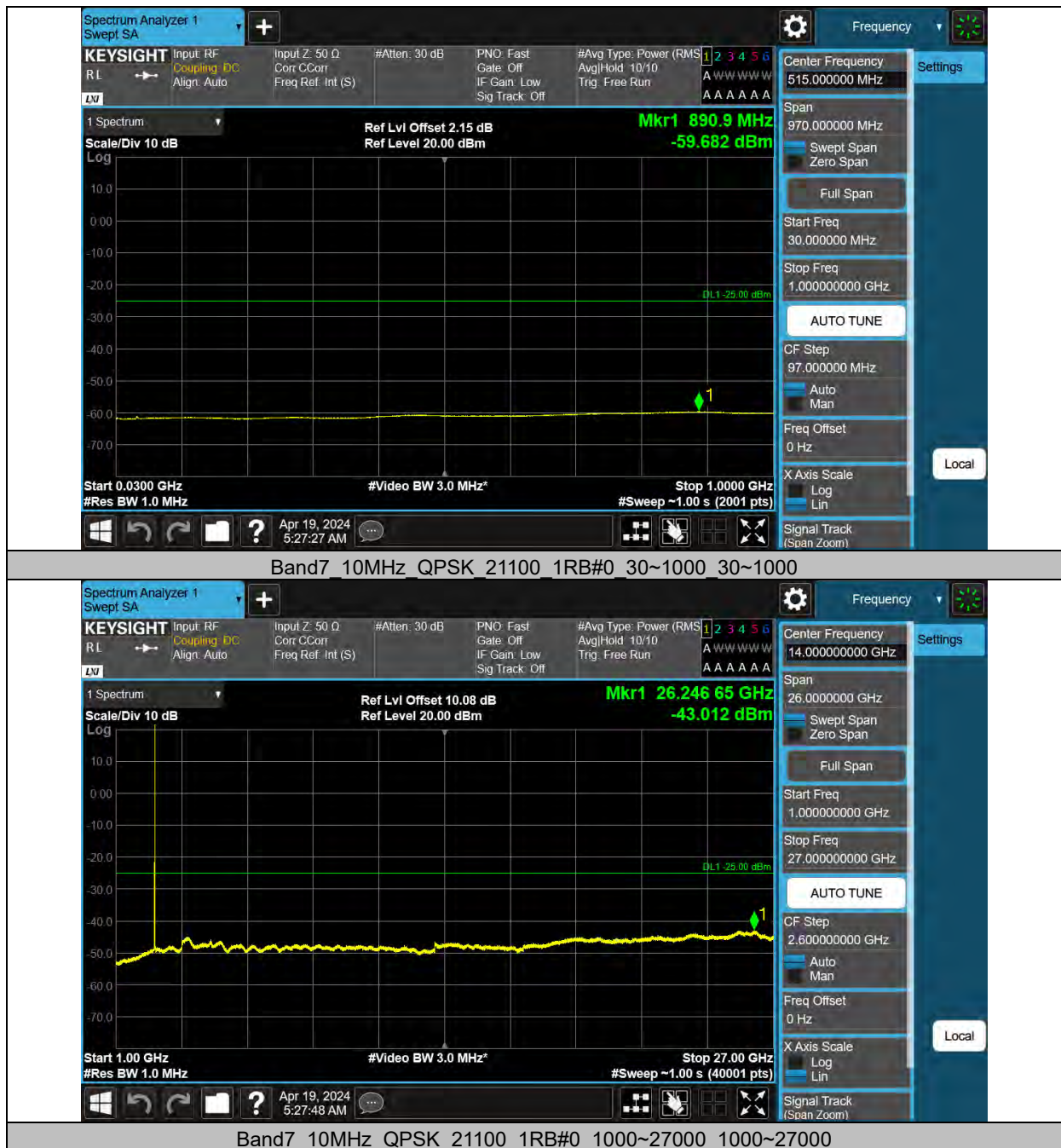


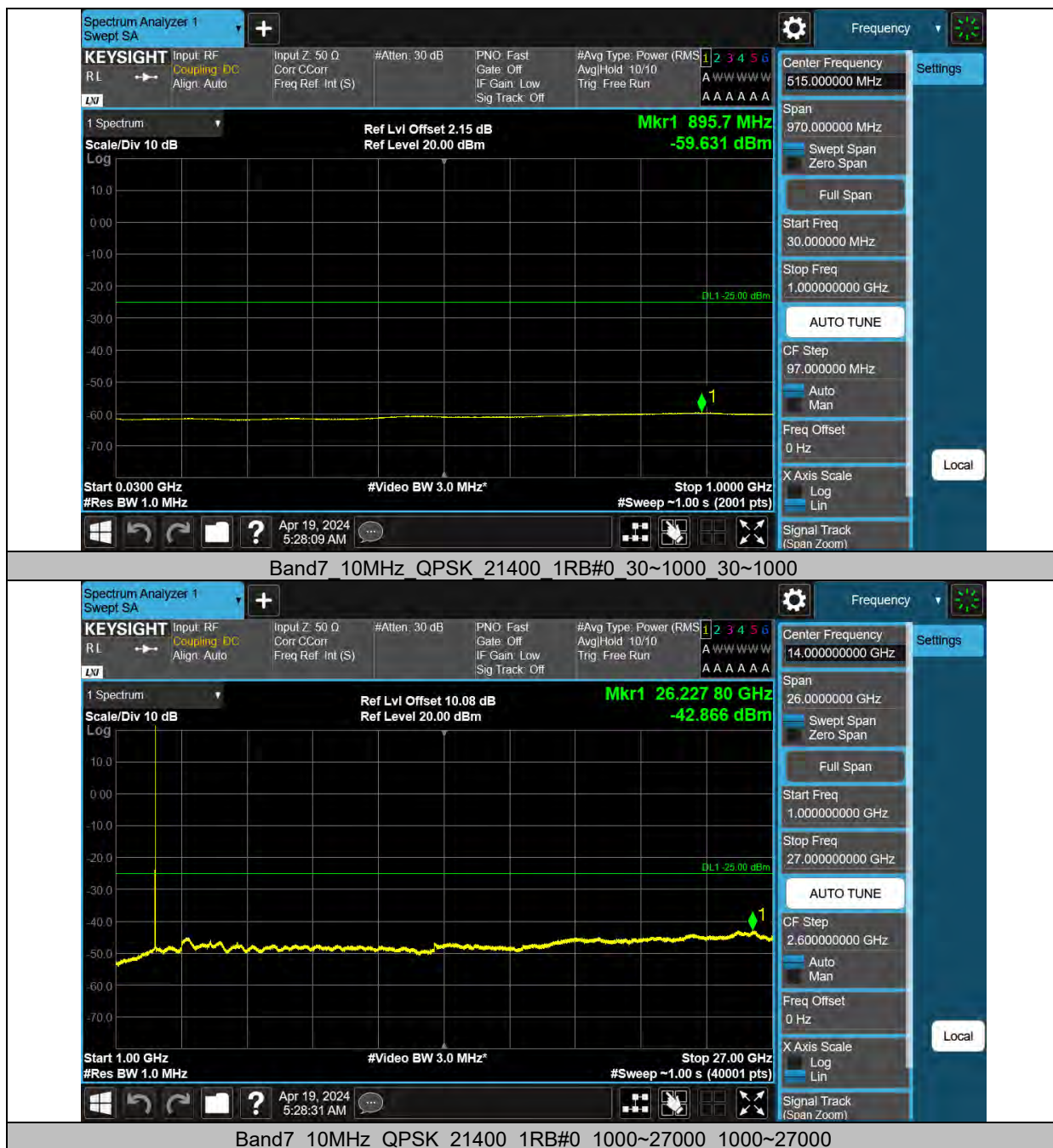




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Test Report No.: PSU-QSU2403110115RF03

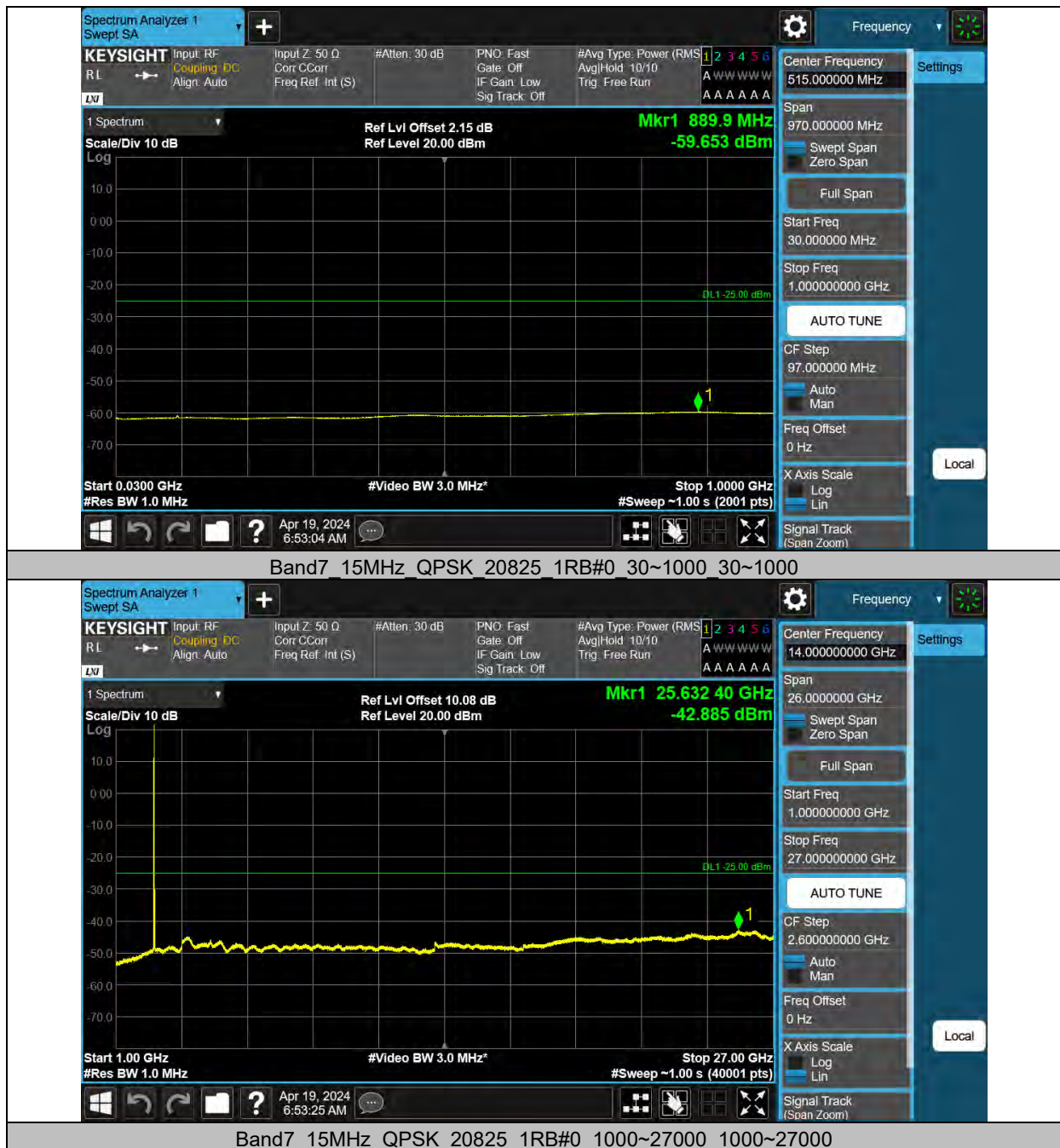


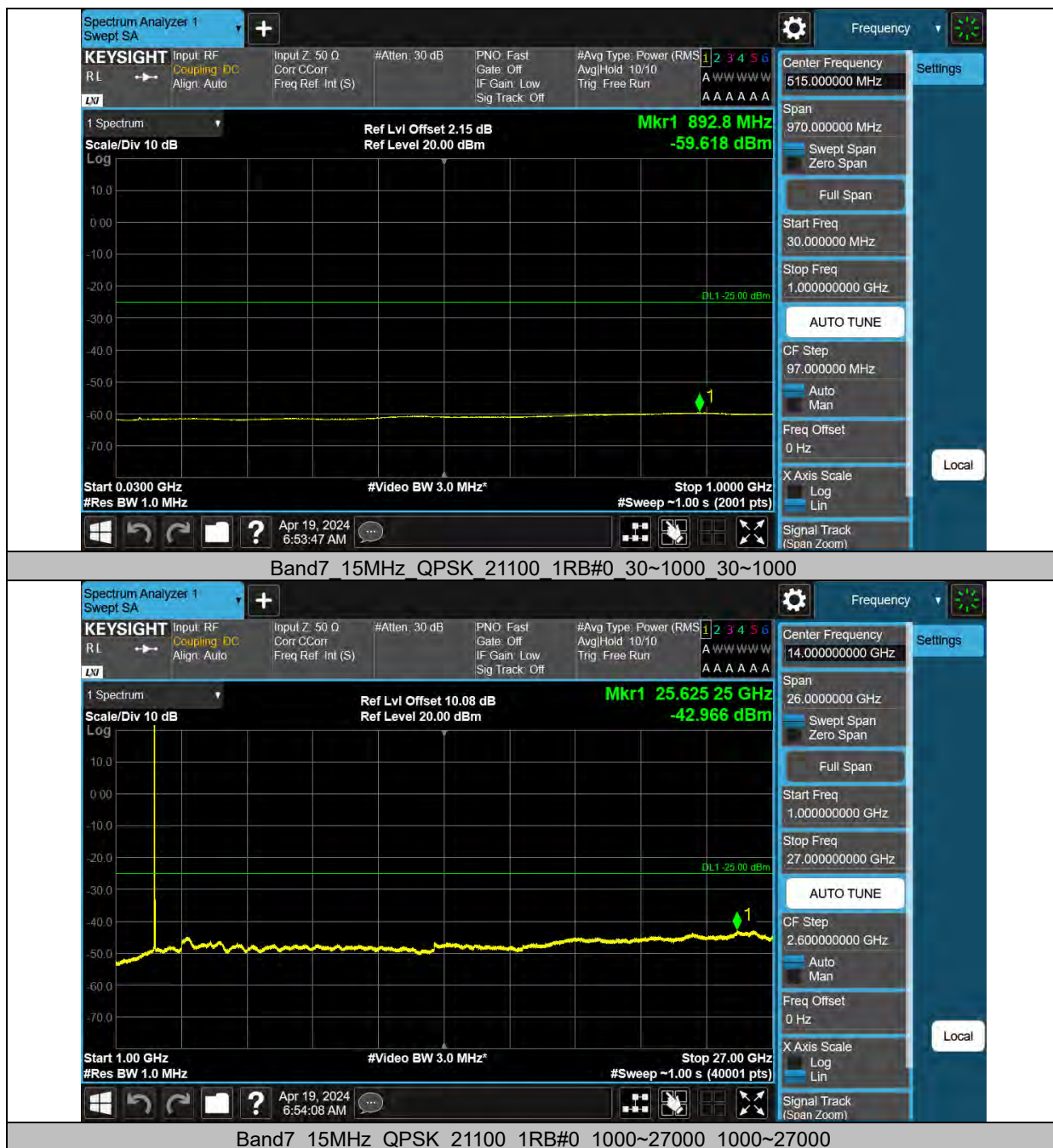


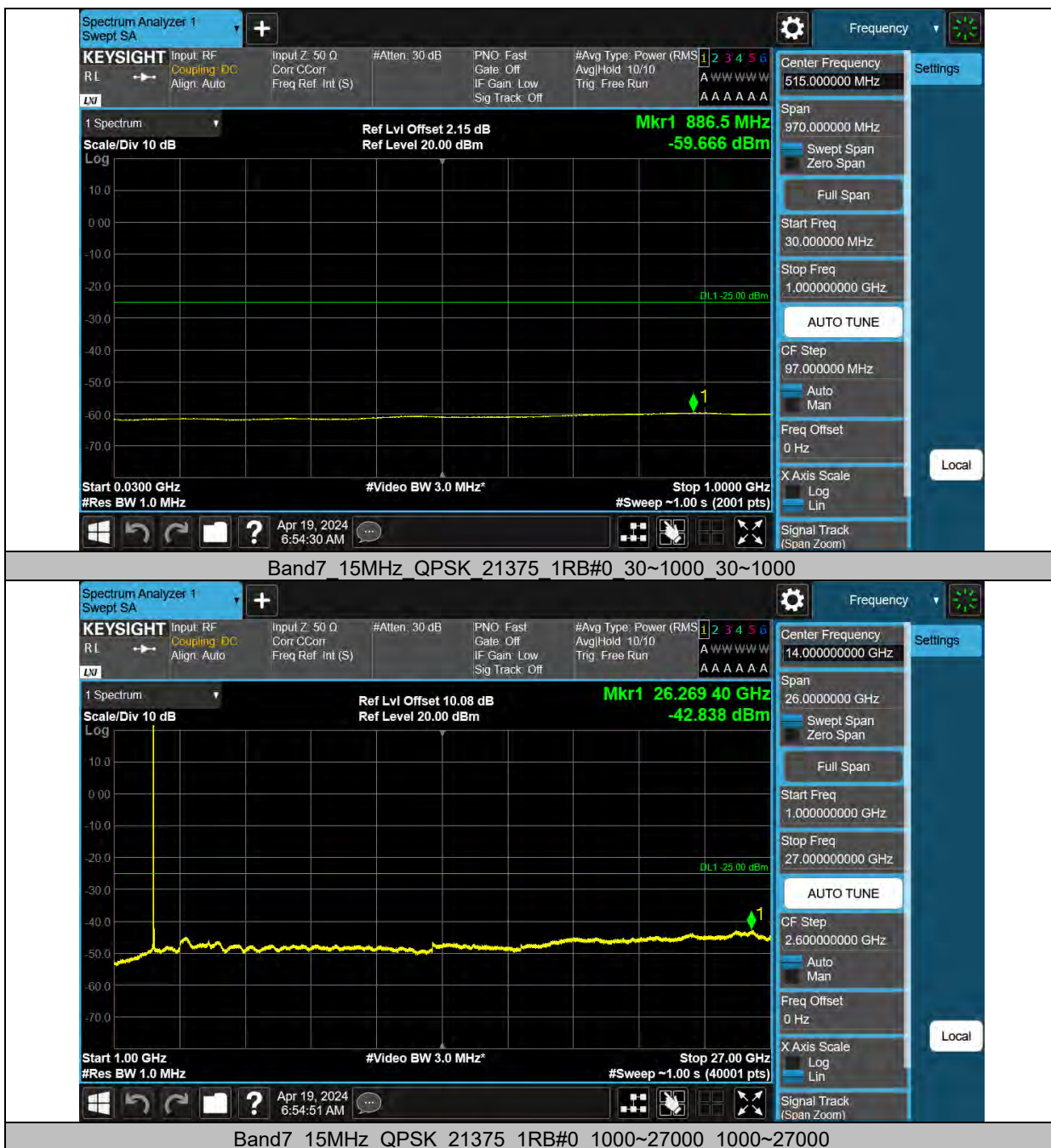


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Test Report No.: PSU-QSU2403110115RF03



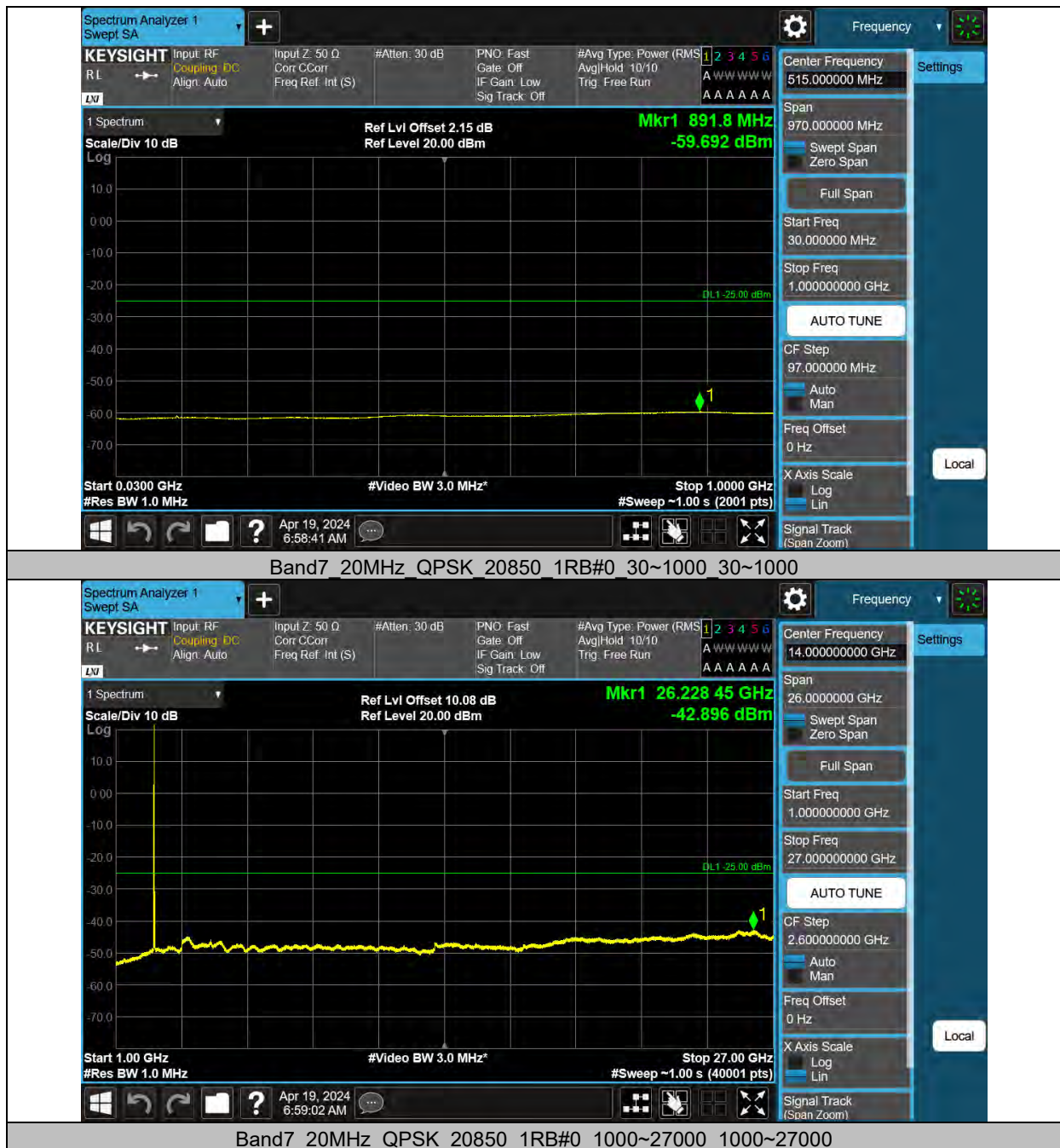






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VERITAS

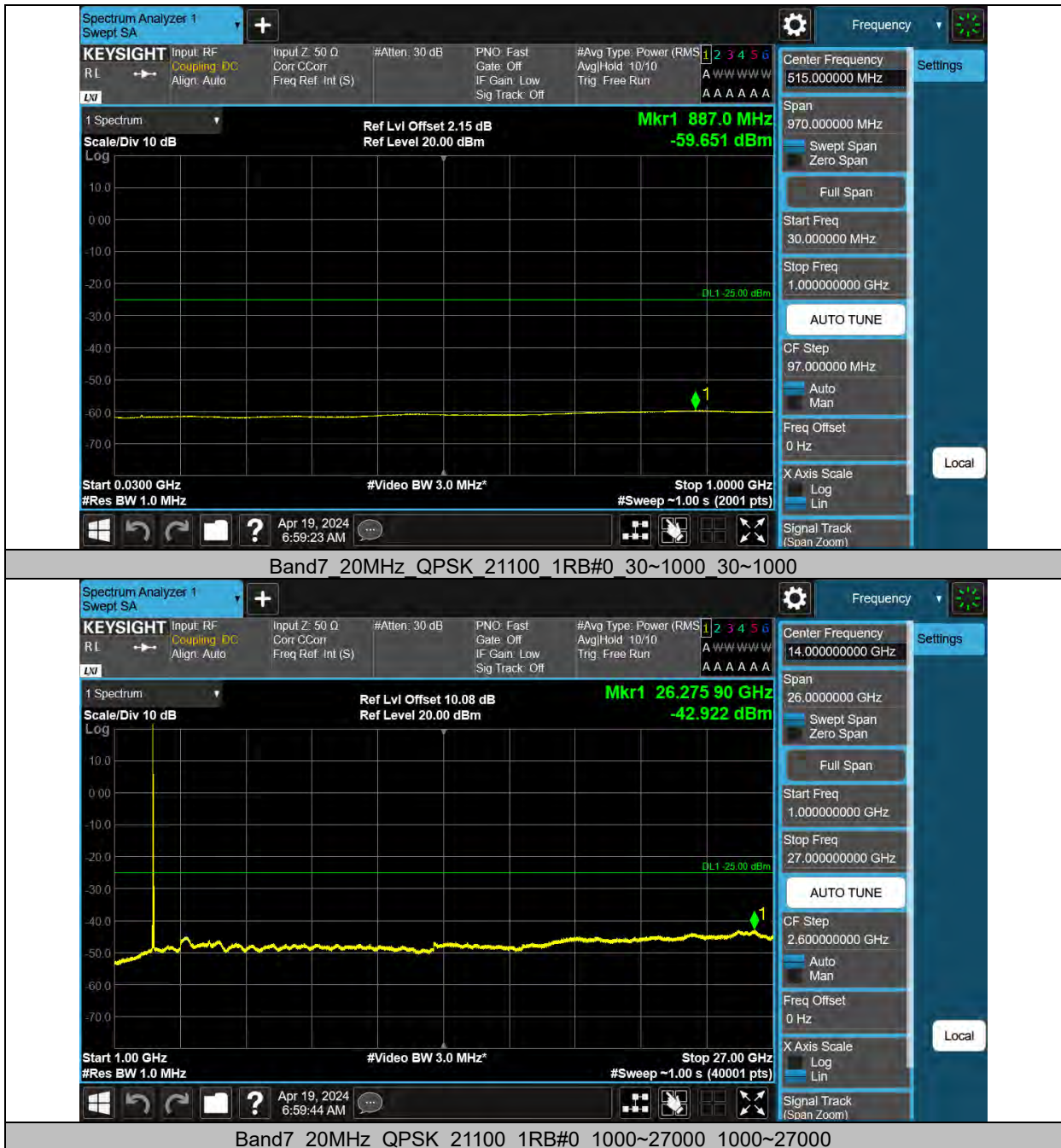
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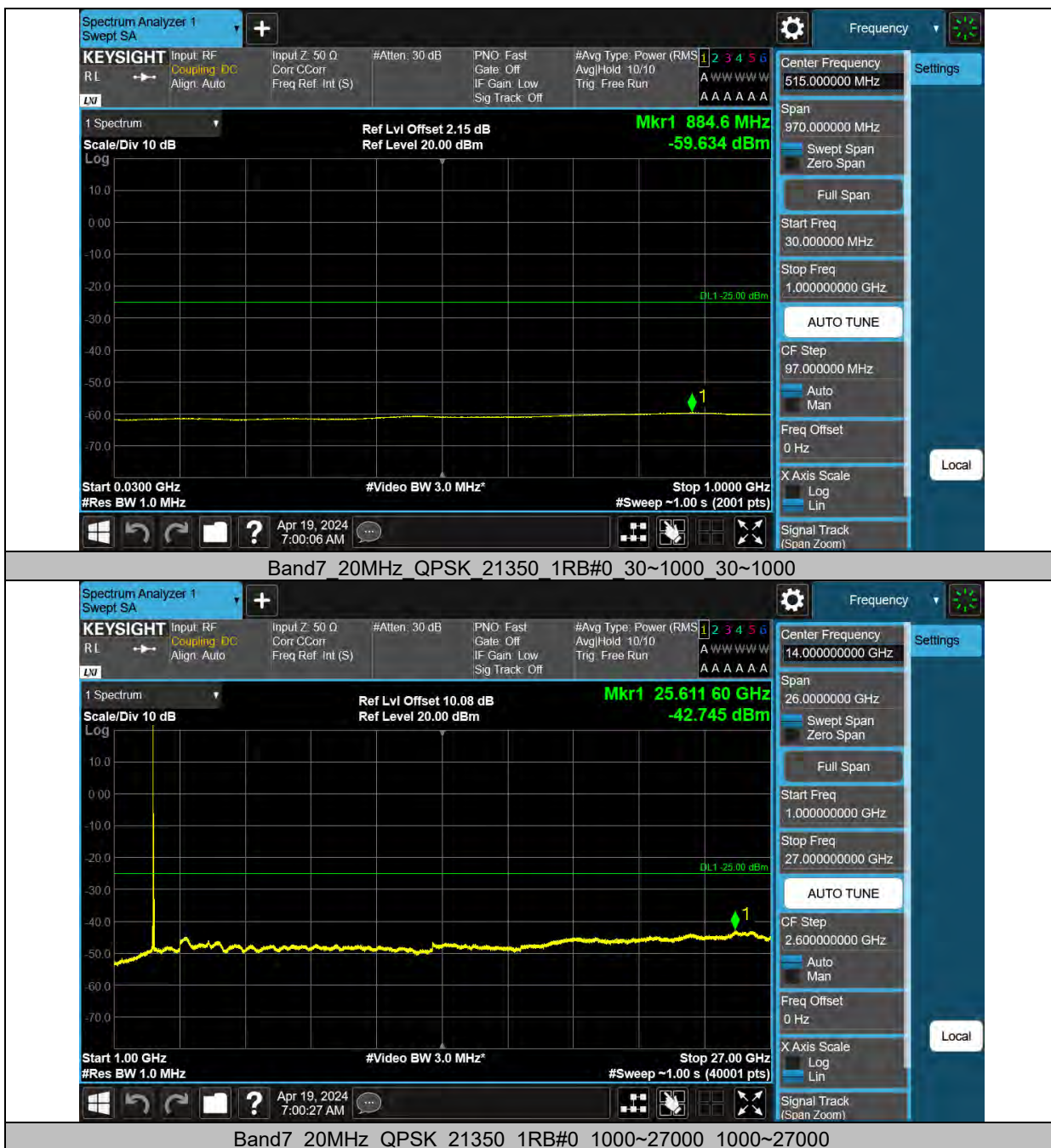




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VERITAS

Test Report No.: PSU-QSU2403110115RF03





FREQUENCY STABILITY

Test Result

Voltage										
Band	Bandwidth h	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	10MHz	QPSK	20800	50RB#0	VN	NT	-5.56	-0.002220	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VL	NT	-6.81	-0.002719	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VH	NT	-7.45	-0.002974	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VN	NT	-6.25	-0.002465	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VL	NT	-8.78	-0.003464	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VH	NT	-6.14	-0.002422	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VN	NT	-7.67	-0.002990	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VL	NT	-8.97	-0.003497	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VH	NT	-4.55	-0.001774	±2.5	PASS

Temperature										
Band	Bandwidth h	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	10MHz	QPSK	20800	50RB#0	NV	-30	-7.22	-0.002882	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-20	-7.88	-0.003146	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-10	-7.15	-0.002854	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	0	-6.57	-0.002623	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	10	-8.17	-0.003261	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	20	-5.71	-0.002279	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	30	-9.08	-0.003625	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	40	-7.22	-0.002882	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	50	-7.15	-0.002854	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-30	-7.80	-0.003077	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-20	-6.57	-0.002592	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-10	-7.61	-0.003002	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	0	-6.69	-0.002639	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	10	-7.88	-0.003108	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	20	-9.97	-0.003933	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	30	-7.35	-0.002899	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	40	-11.76	-0.004639	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	50	-7.84	-0.003093	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-30	-7.60	-0.002963	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-20	-7.44	-0.002901	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-10	-4.81	-0.001875	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	0	-8.78	-0.003423	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	10	-9.07	-0.003536	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	20	-6.45	-0.002515	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	30	-7.61	-0.002967	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	40	-9.20	-0.003587	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	50	-4.43	-0.001727	±2.5	PASS

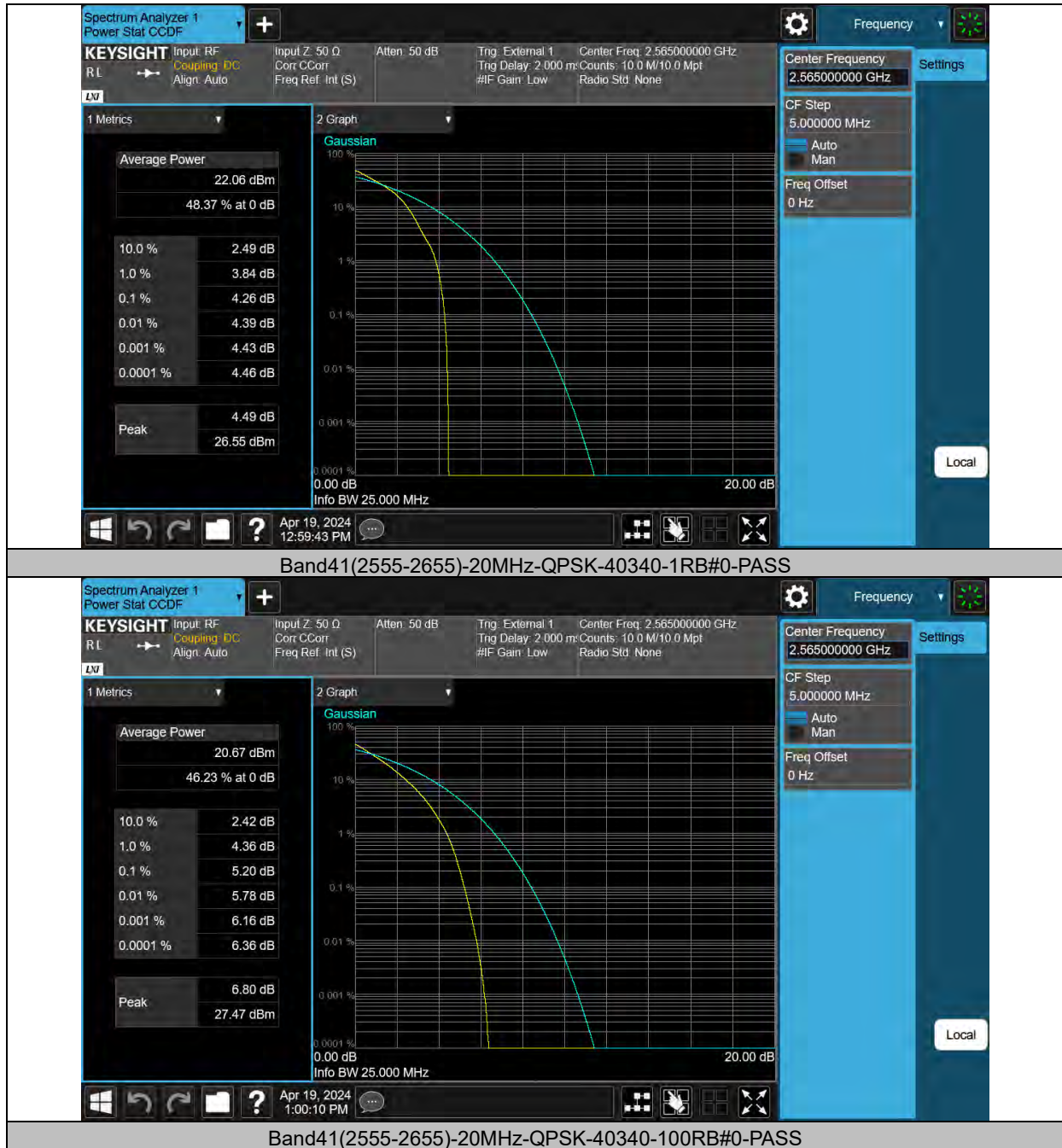
LTE BAND41(INDCLUDING LTE BAND38)

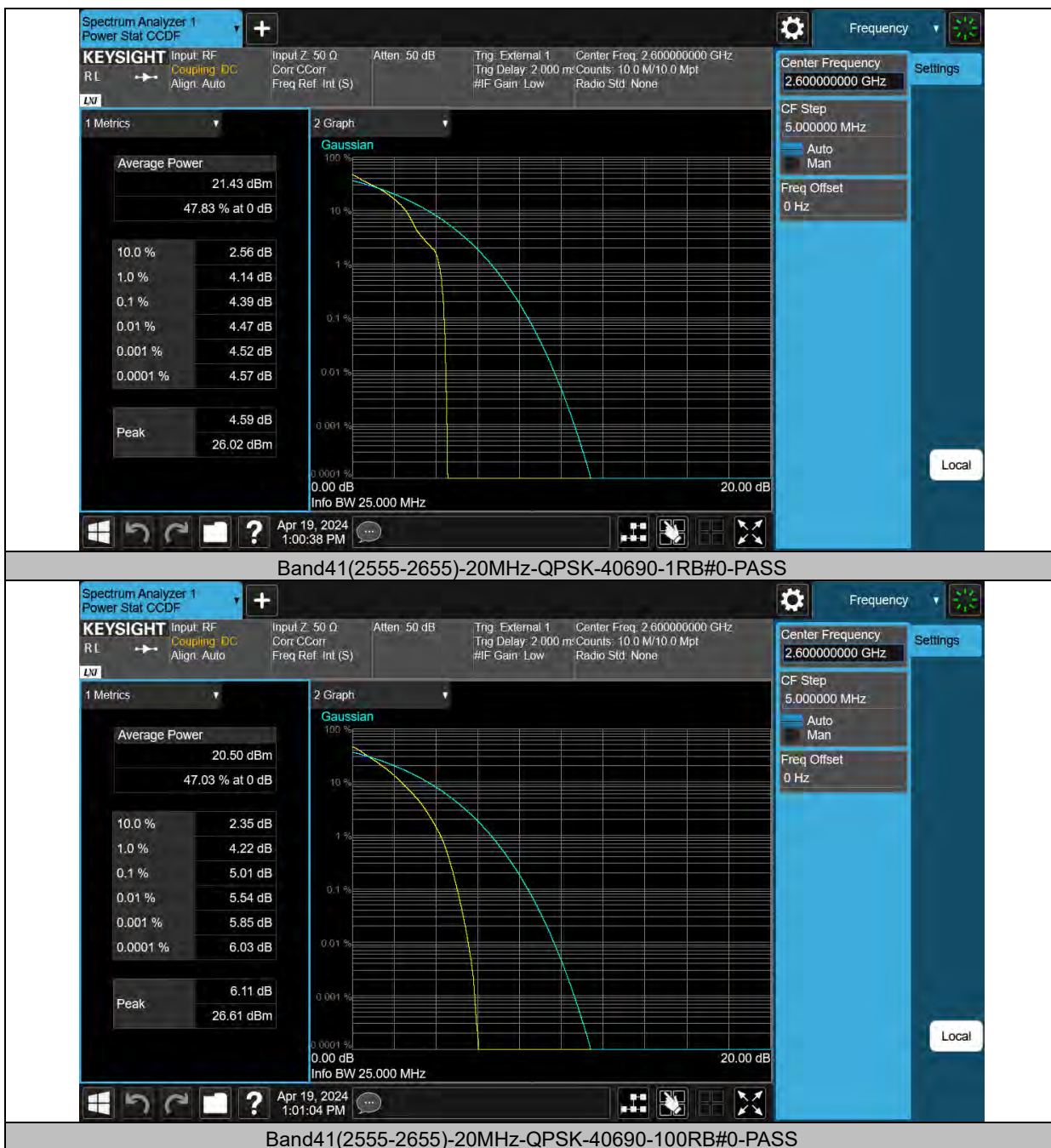
PEAK-TO-AVERAGE RATIO(CCDF)

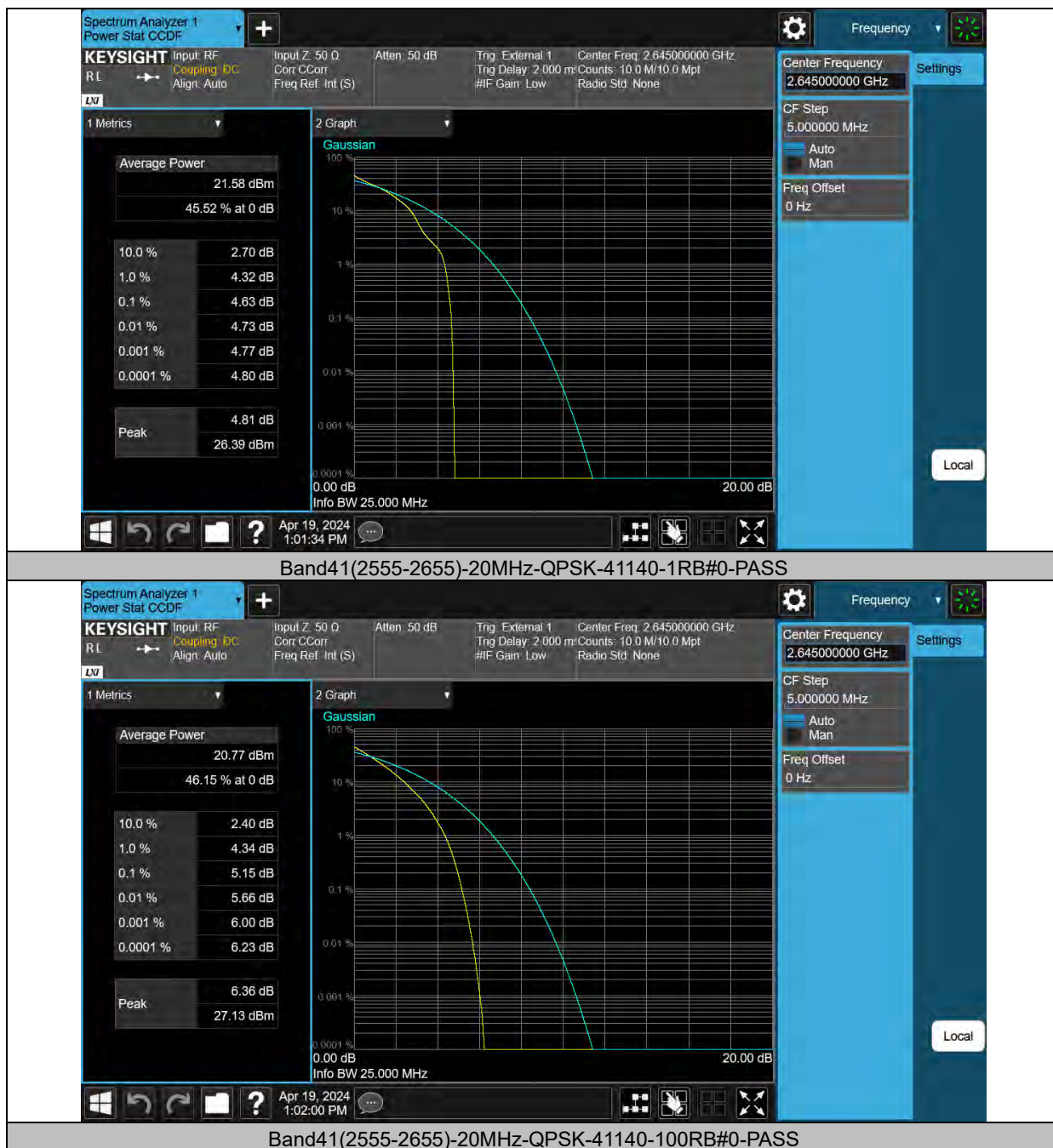
Test Result

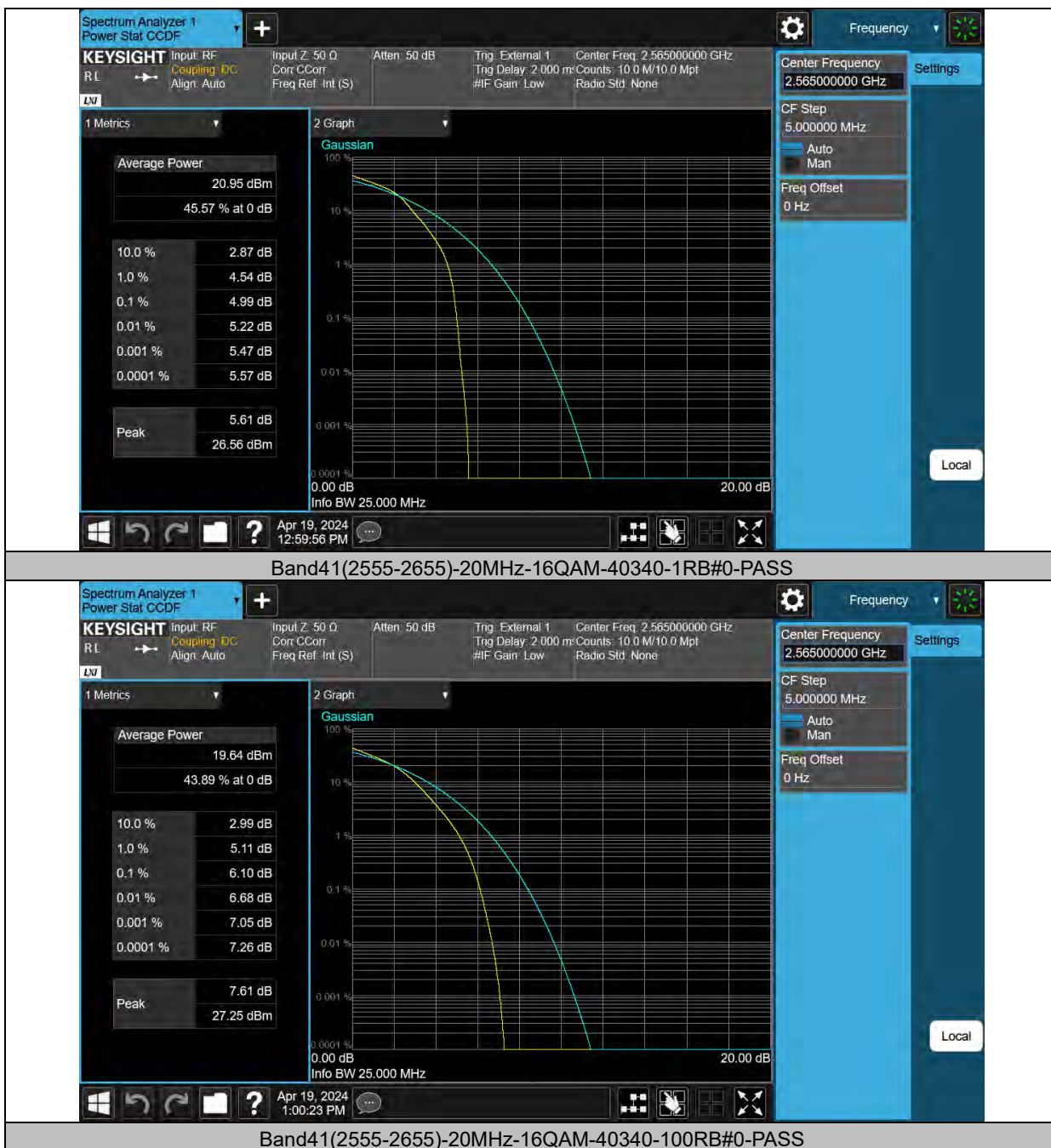
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41(2555-2655)	20MHz	QPSK	40340	1RB#0	4.26	13	PASS
Band41(2555-2655)	20MHz	QPSK	40340	100RB#0	5.20	13	PASS
Band41(2555-2655)	20MHz	QPSK	40690	1RB#0	4.39	13	PASS
Band41(2555-2655)	20MHz	QPSK	40690	100RB#0	5.01	13	PASS
Band41(2555-2655)	20MHz	QPSK	41140	1RB#0	4.63	13	PASS
Band41(2555-2655)	20MHz	QPSK	41140	100RB#0	5.15	13	PASS
Band41(2555-2655)	20MHz	16QAM	40340	1RB#0	4.99	13	PASS
Band41(2555-2655)	20MHz	16QAM	40340	100RB#0	6.10	13	PASS
Band41(2555-2655)	20MHz	16QAM	40690	1RB#0	5.28	13	PASS
Band41(2555-2655)	20MHz	16QAM	40690	100RB#0	5.87	13	PASS
Band41(2555-2655)	20MHz	16QAM	41140	1RB#0	5.41	13	PASS
Band41(2555-2655)	20MHz	16QAM	41140	100RB#0	6.10	13	PASS

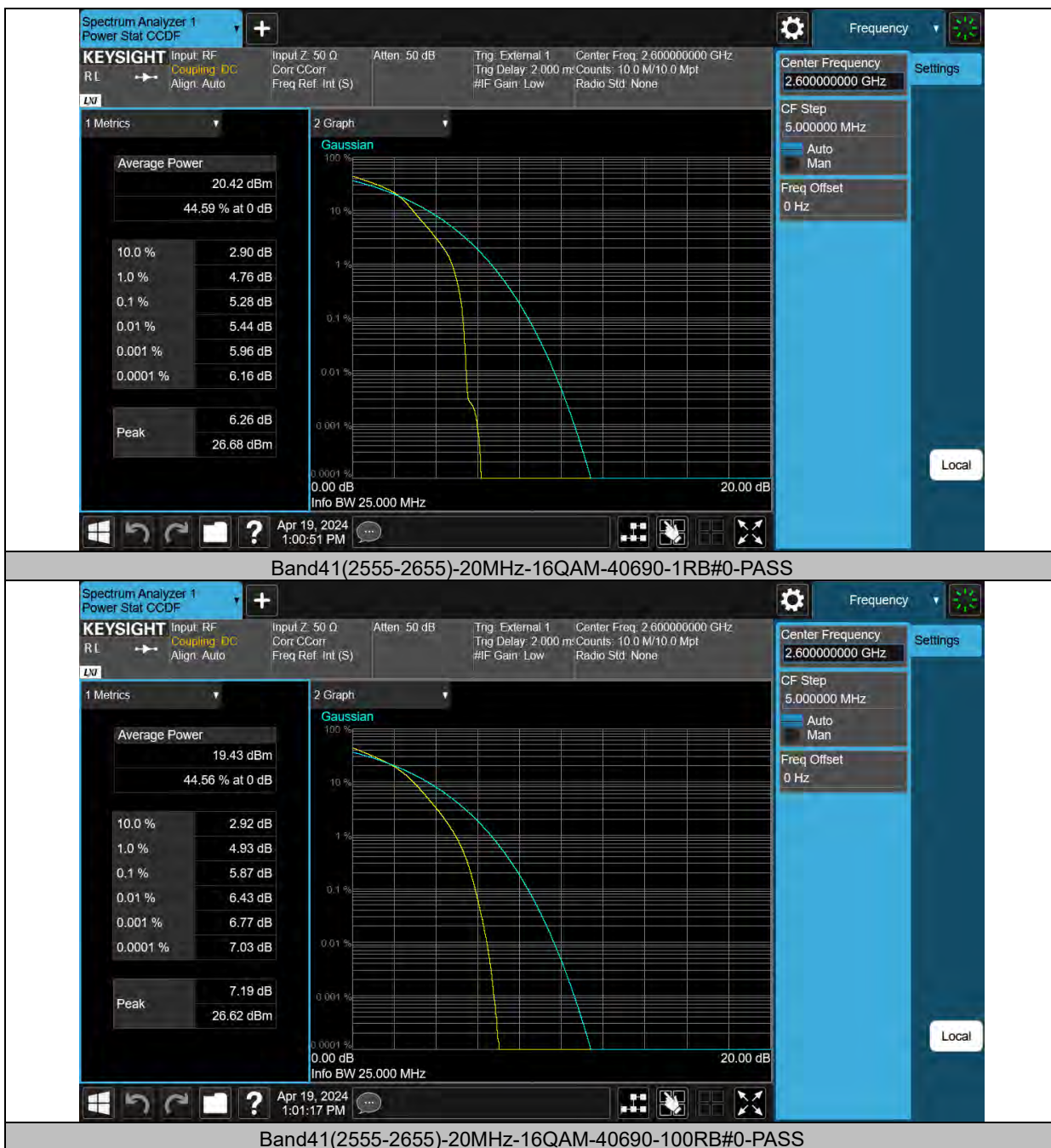
Test Graphs

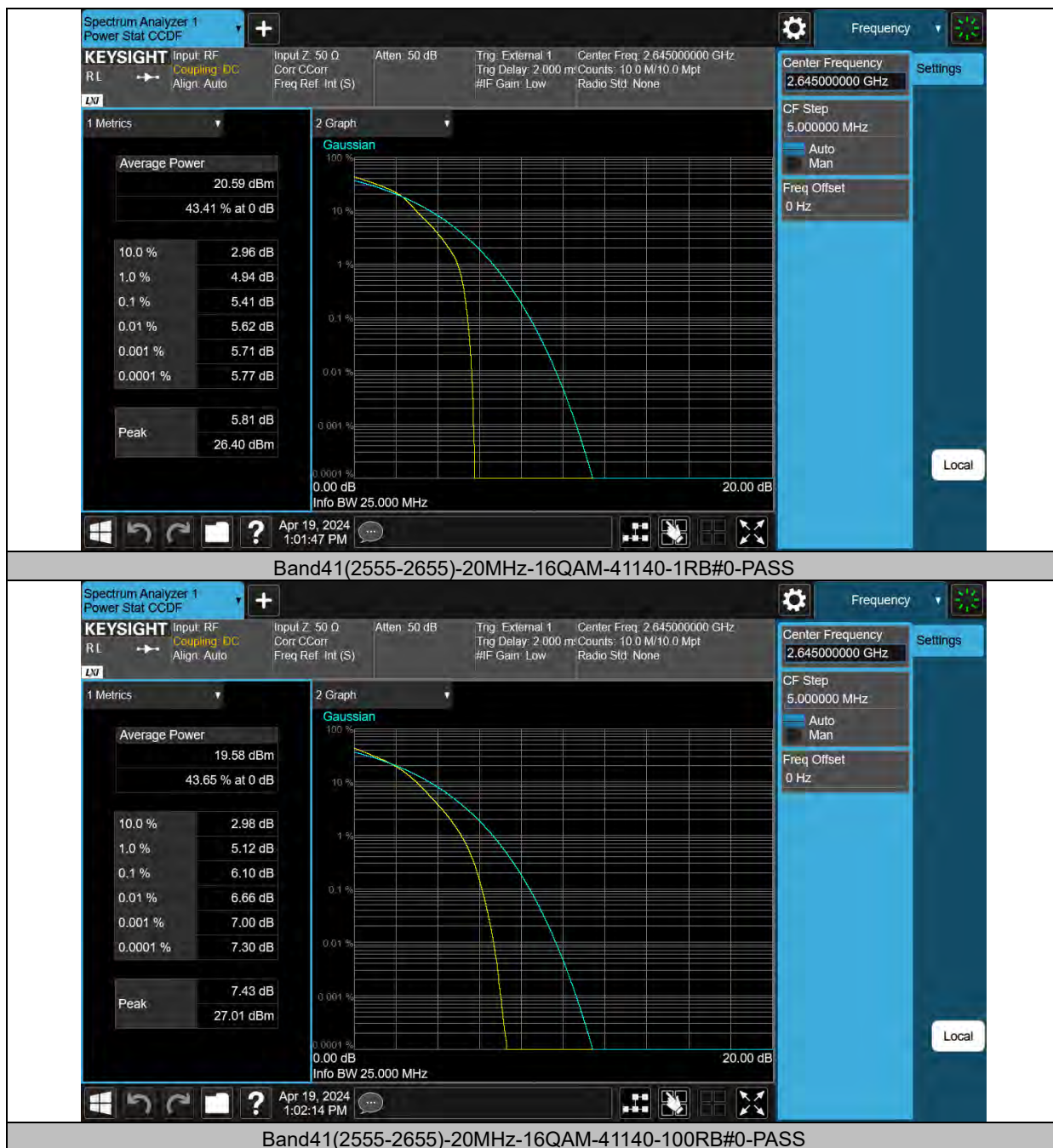












26DB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41(2555-2655)	5MHz	QPSK	40265	25RB#0	4.5139	5.456	PASS
Band41(2555-2655)	5MHz	QPSK	40690	25RB#0	4.5232	5.773	PASS
Band41(2555-2655)	5MHz	QPSK	41215	25RB#0	4.5108	5.672	PASS
Band41(2555-2655)	5MHz	16QAM	40265	25RB#0	4.5243	5.584	PASS
Band41(2555-2655)	5MHz	16QAM	40690	25RB#0	4.5067	5.842	PASS
Band41(2555-2655)	5MHz	16QAM	41215	25RB#0	4.5139	5.730	PASS
Band41(2555-2655)	10MHz	QPSK	40290	50RB#0	8.9735	10.69	PASS
Band41(2555-2655)	10MHz	QPSK	40690	50RB#0	8.9732	11.69	PASS
Band41(2555-2655)	10MHz	QPSK	41190	50RB#0	8.9522	10.35	PASS
Band41(2555-2655)	10MHz	16QAM	40290	50RB#0	8.9918	10.65	PASS
Band41(2555-2655)	10MHz	16QAM	40690	50RB#0	8.9937	10.56	PASS
Band41(2555-2655)	10MHz	16QAM	41190	50RB#0	8.9661	10.68	PASS
Band41(2555-2655)	15MHz	QPSK	40315	75RB#0	13.486	15.55	PASS
Band41(2555-2655)	15MHz	QPSK	40690	75RB#0	13.473	19.02	PASS
Band41(2555-2655)	15MHz	QPSK	41165	75RB#0	13.454	15.75	PASS
Band41(2555-2655)	15MHz	16QAM	40315	75RB#0	13.470	17.46	PASS
Band41(2555-2655)	15MHz	16QAM	40690	75RB#0	13.478	23.09	PASS
Band41(2555-2655)	15MHz	16QAM	41165	75RB#0	13.421	16.07	PASS
Band41(2555-2655)	20MHz	QPSK	40340	100RB#0	17.945	20.09	PASS
Band41(2555-2655)	20MHz	QPSK	40690	100RB#0	17.904	20.78	PASS
Band41(2555-2655)	20MHz	QPSK	41140	100RB#0	17.888	19.67	PASS
Band41(2555-2655)	20MHz	16QAM	40340	100RB#0	17.934	20.10	PASS
Band41(2555-2655)	20MHz	16QAM	40690	100RB#0	17.910	20.71	PASS
Band41(2555-2655)	20MHz	16QAM	41140	100RB#0	17.871	20.02	PASS

Test Graphs





