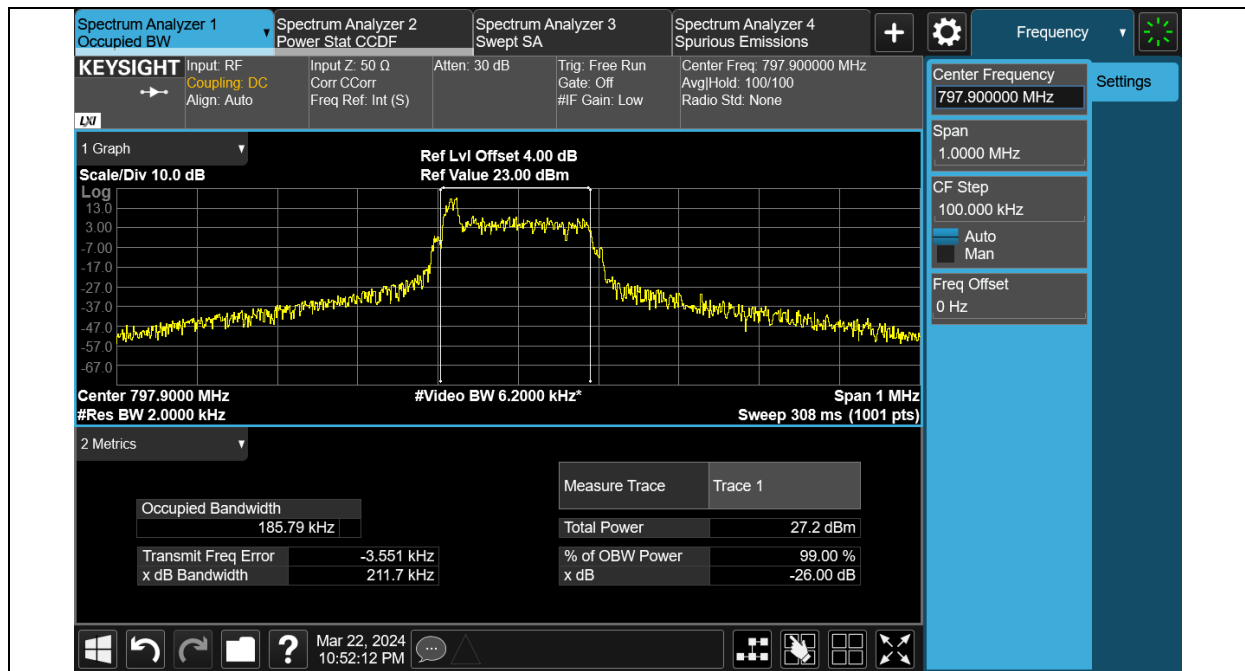




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Test Report No.: W7L-240204W001RF05

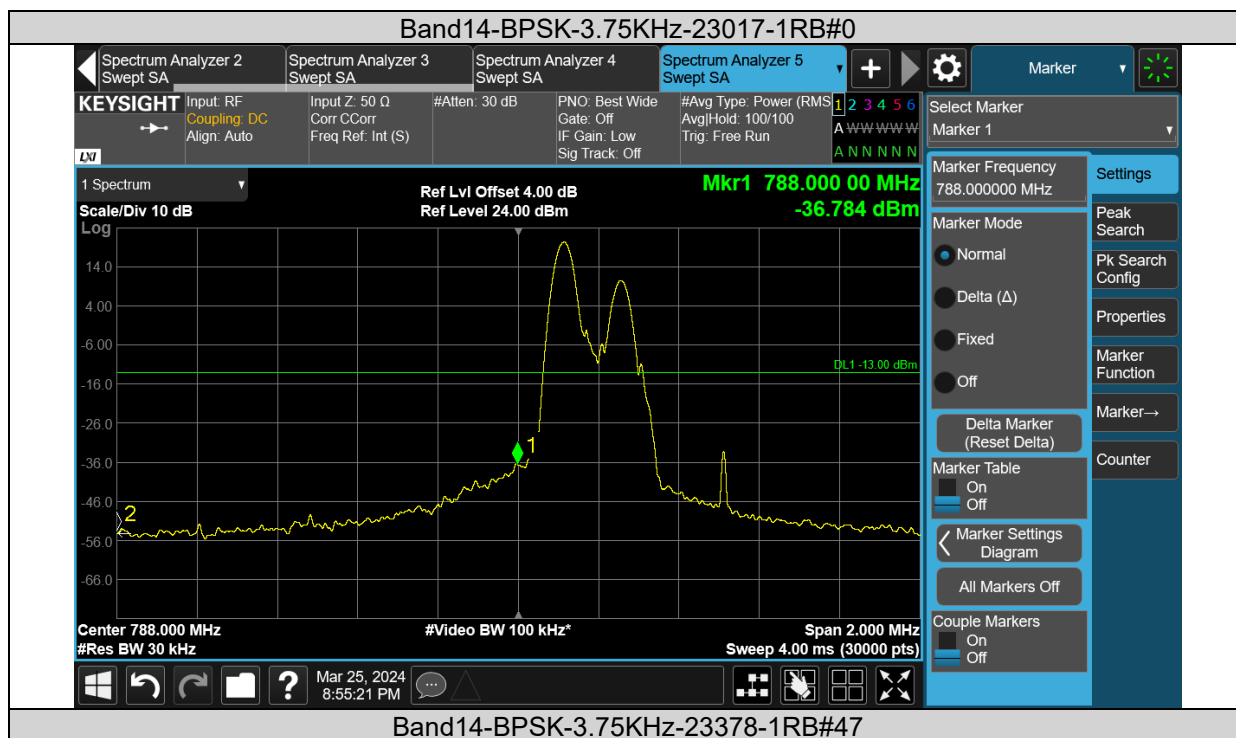


BAND EDGE

Test Result

Band	Modulation	Sub-carrier spacing(KHz)	Channel	Ntones	Result(dBm)	Verdict
Band14	BPSK	3.75	23282	1RB#0	See Graph	PASS
Band14	BPSK	3.75	23378	1RB#47	See Graph	PASS
Band14	QPSK	3.75	23282	1RB#0	See Graph	PASS
Band14	QPSK	3.75	23378	1RB#47	See Graph	PASS
Band14	BPSK	15	23282	1RB#0	See Graph	PASS
Band14	BPSK	15	23378	1RB#11	See Graph	PASS
Band14	QPSK	15	23282	1RB#0	See Graph	PASS
Band14	QPSK	15	23378	1RB#11	See Graph	PASS
Band14	QPSK	15	23282	12RB#0	See Graph	PASS
Band14	QPSK	15	23378	12RB#0	See Graph	PASS

Test Graphs





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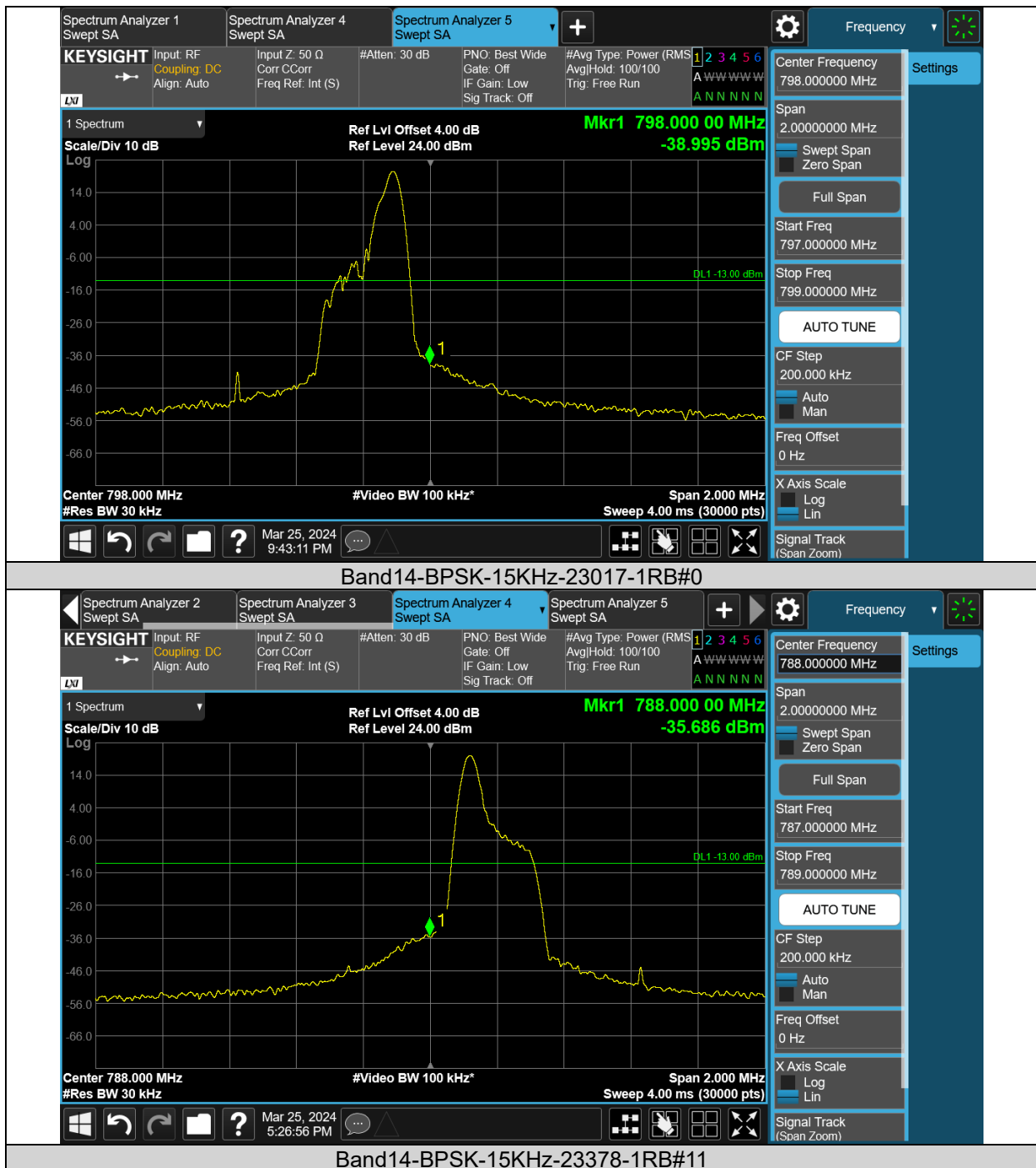
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Test Report No.: W7L-240204W001RF05





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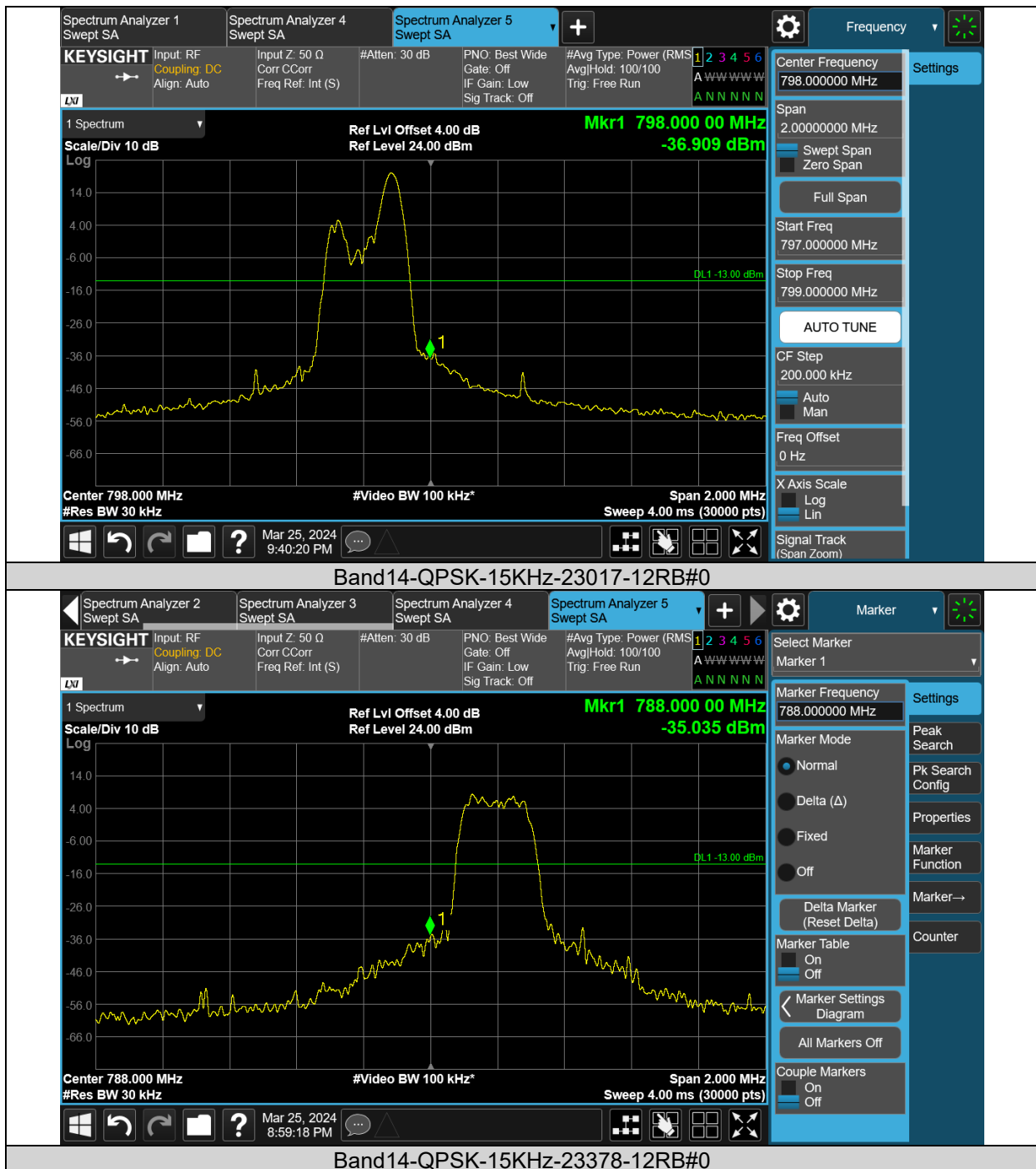
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VERITAS

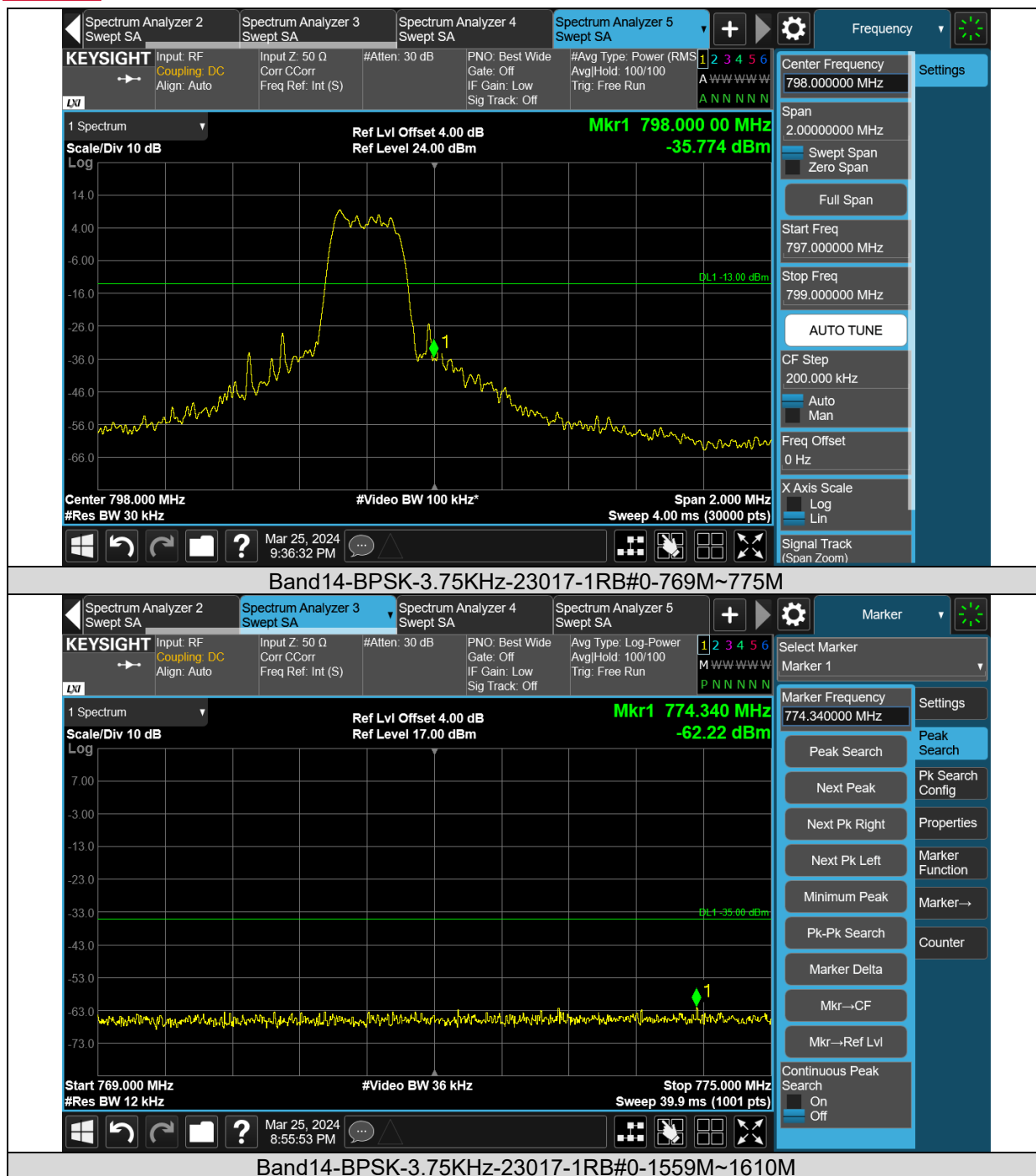
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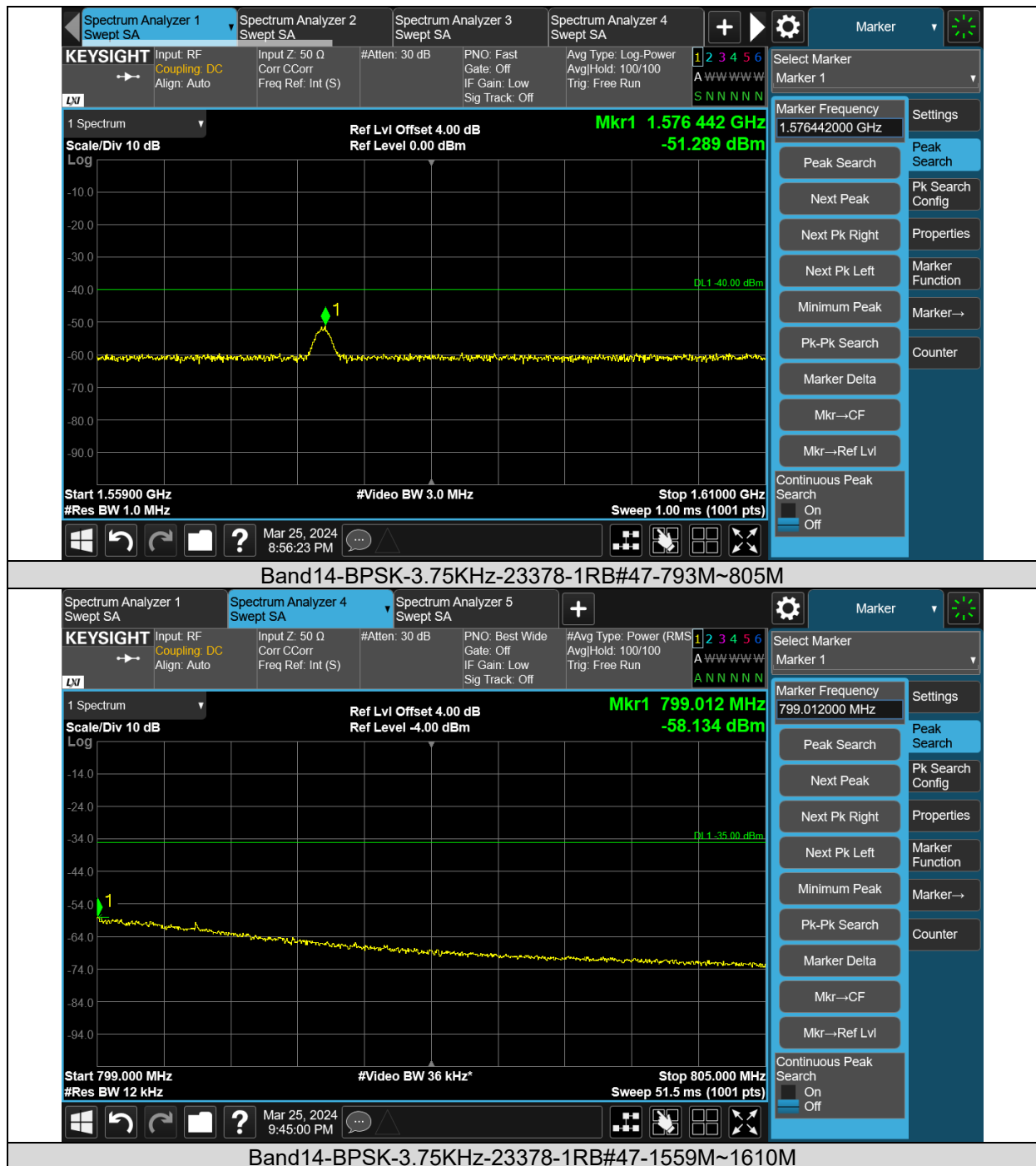
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VERITAS

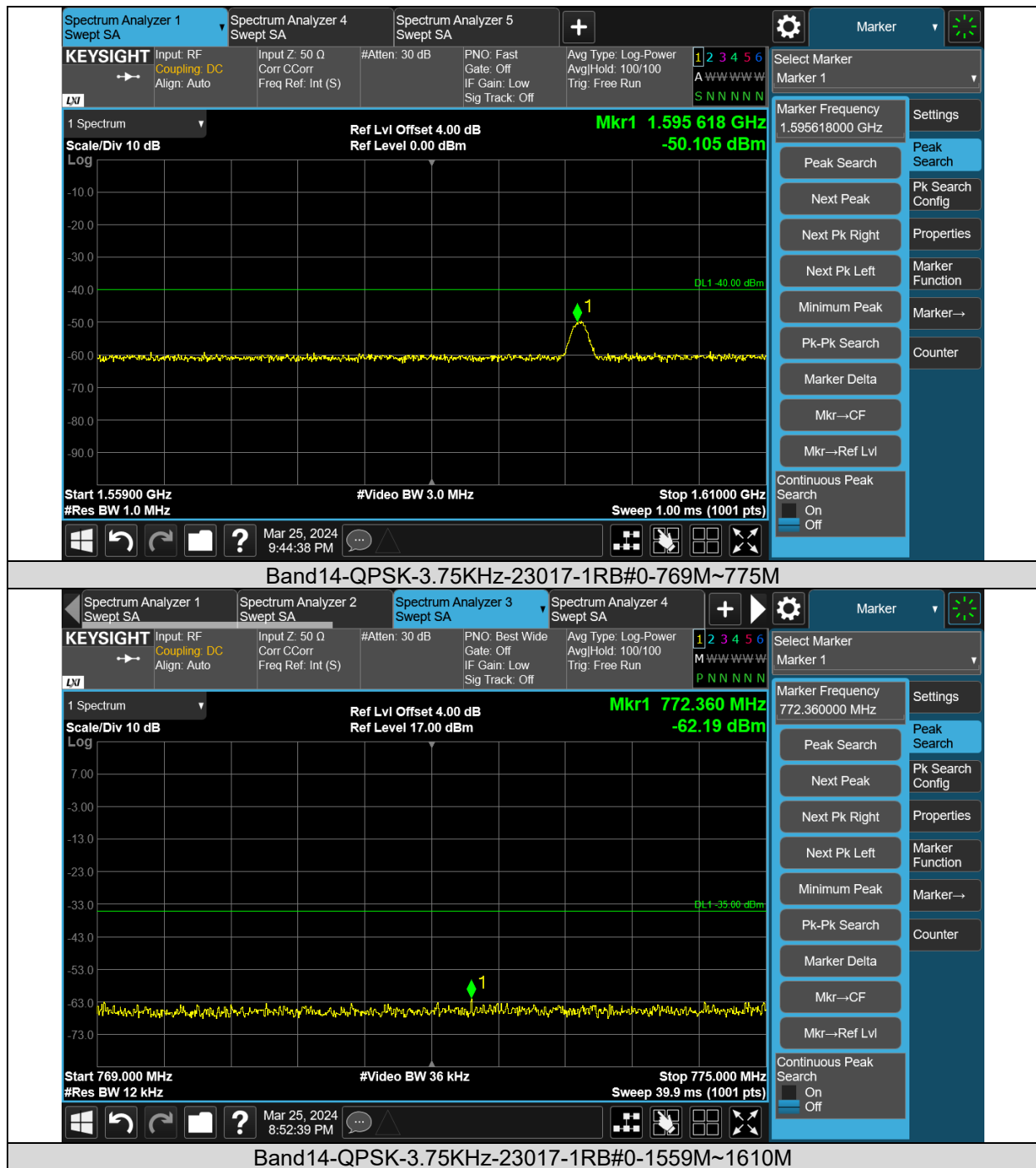
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VERITAS

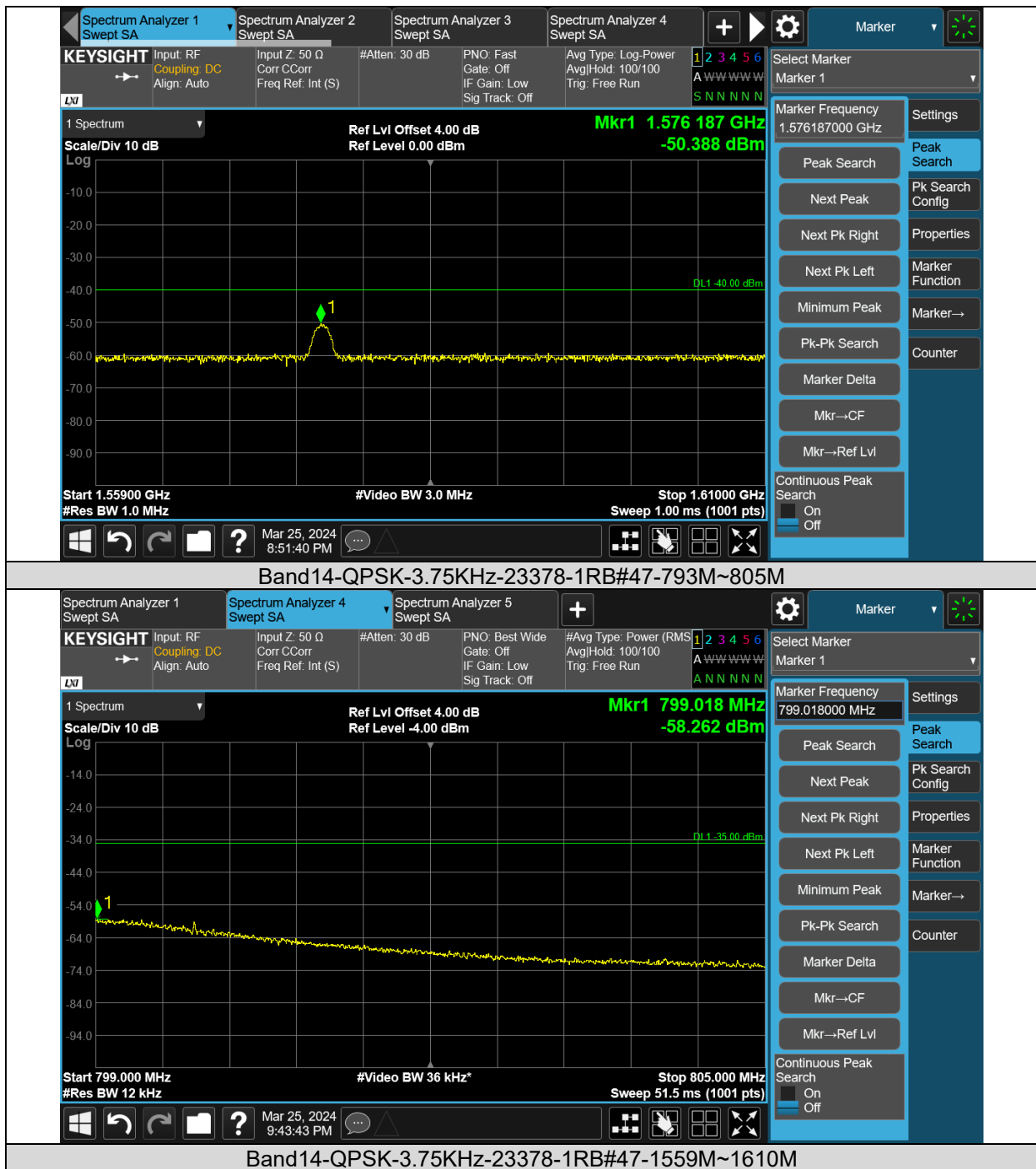
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VERITAS

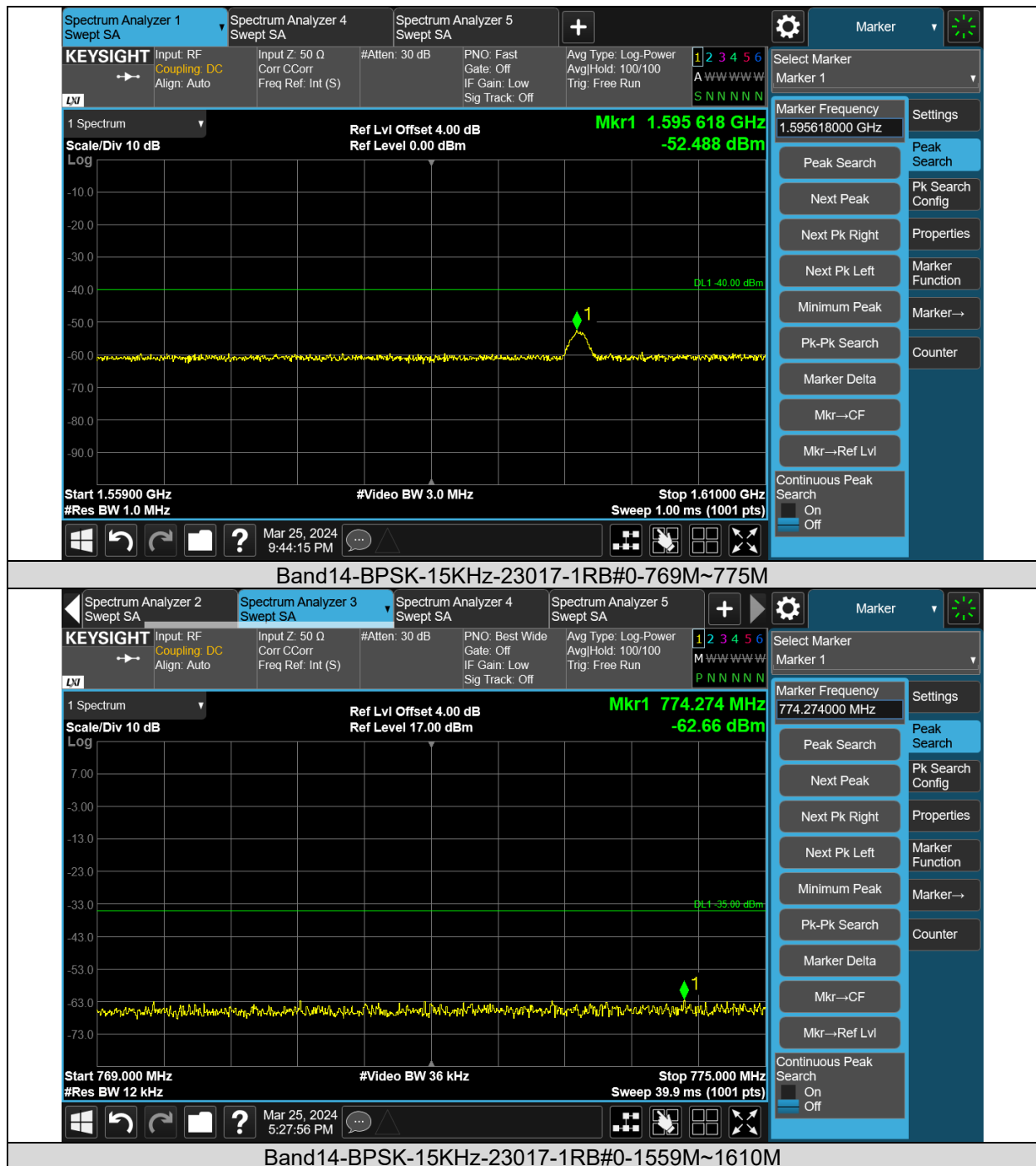
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VERITAS

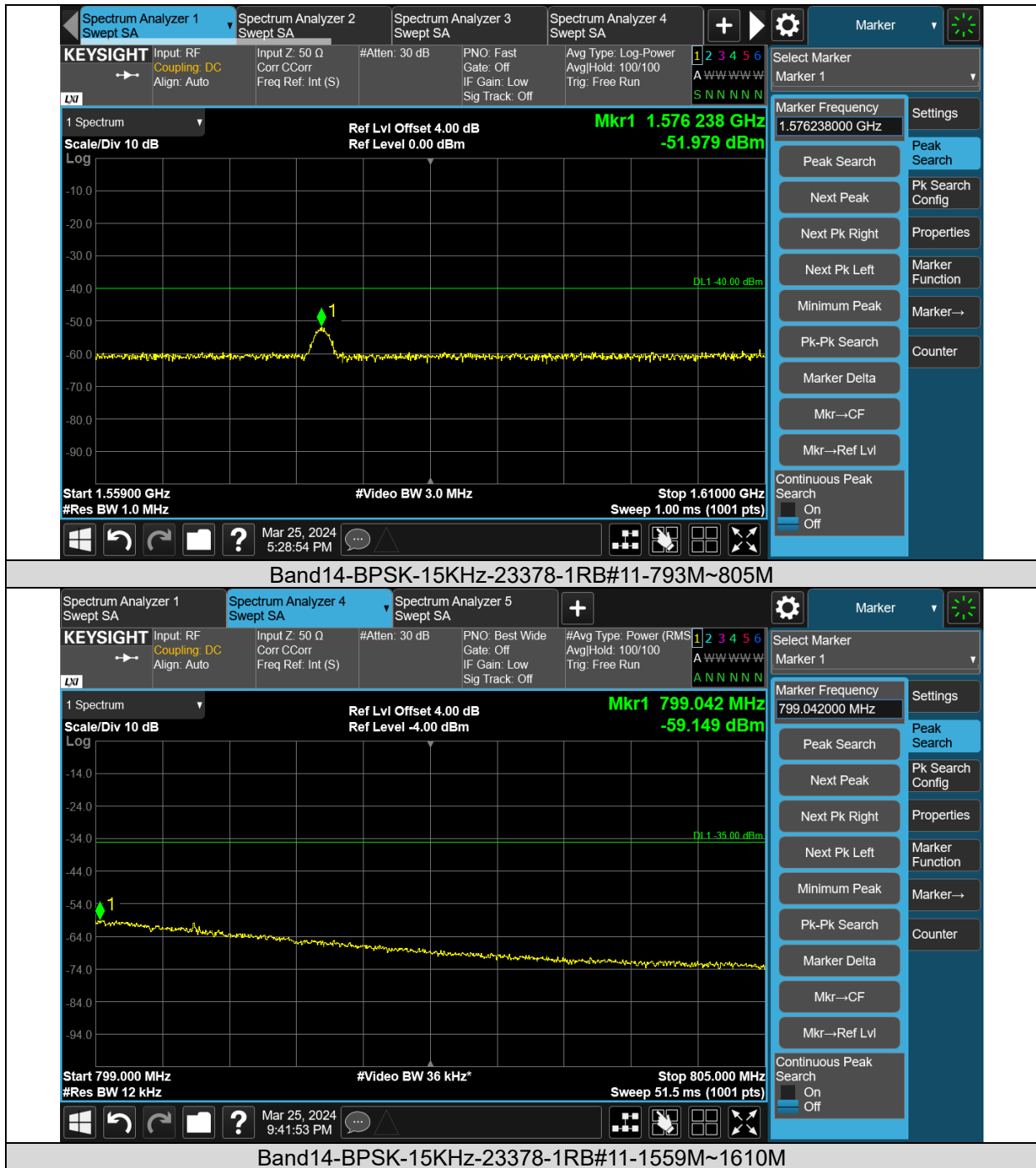
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VERITAS

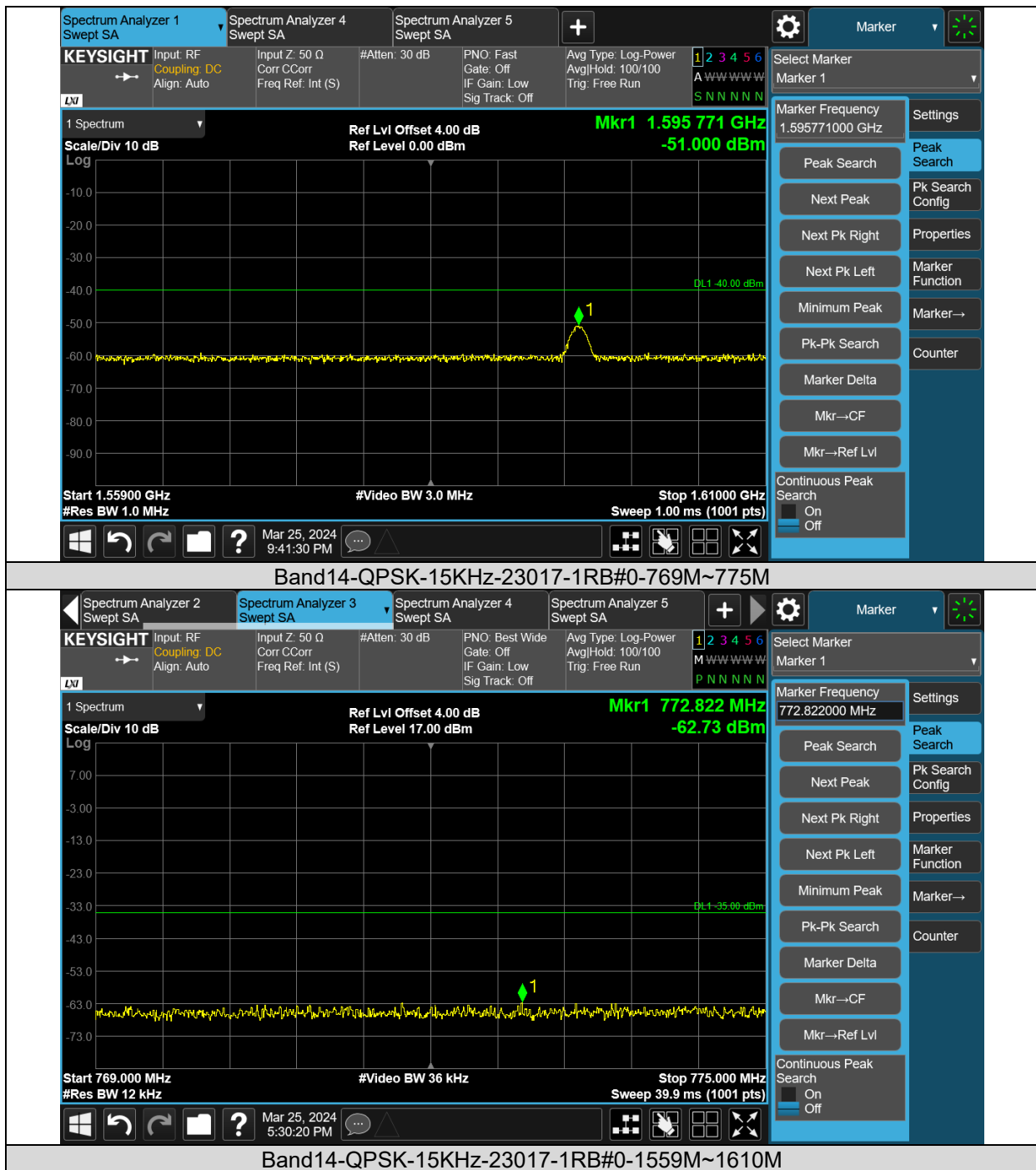
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VERITAS

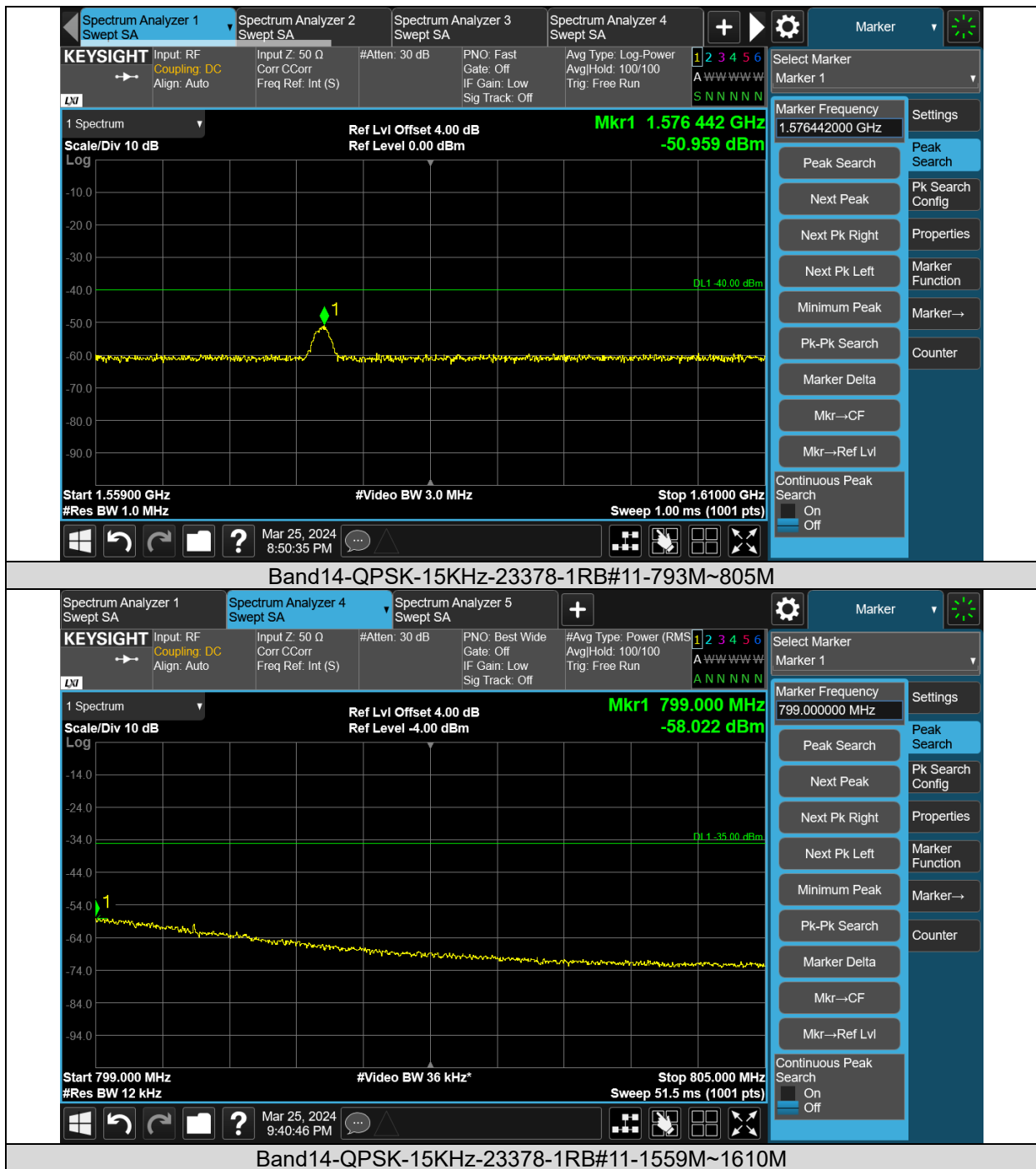
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VERITAS

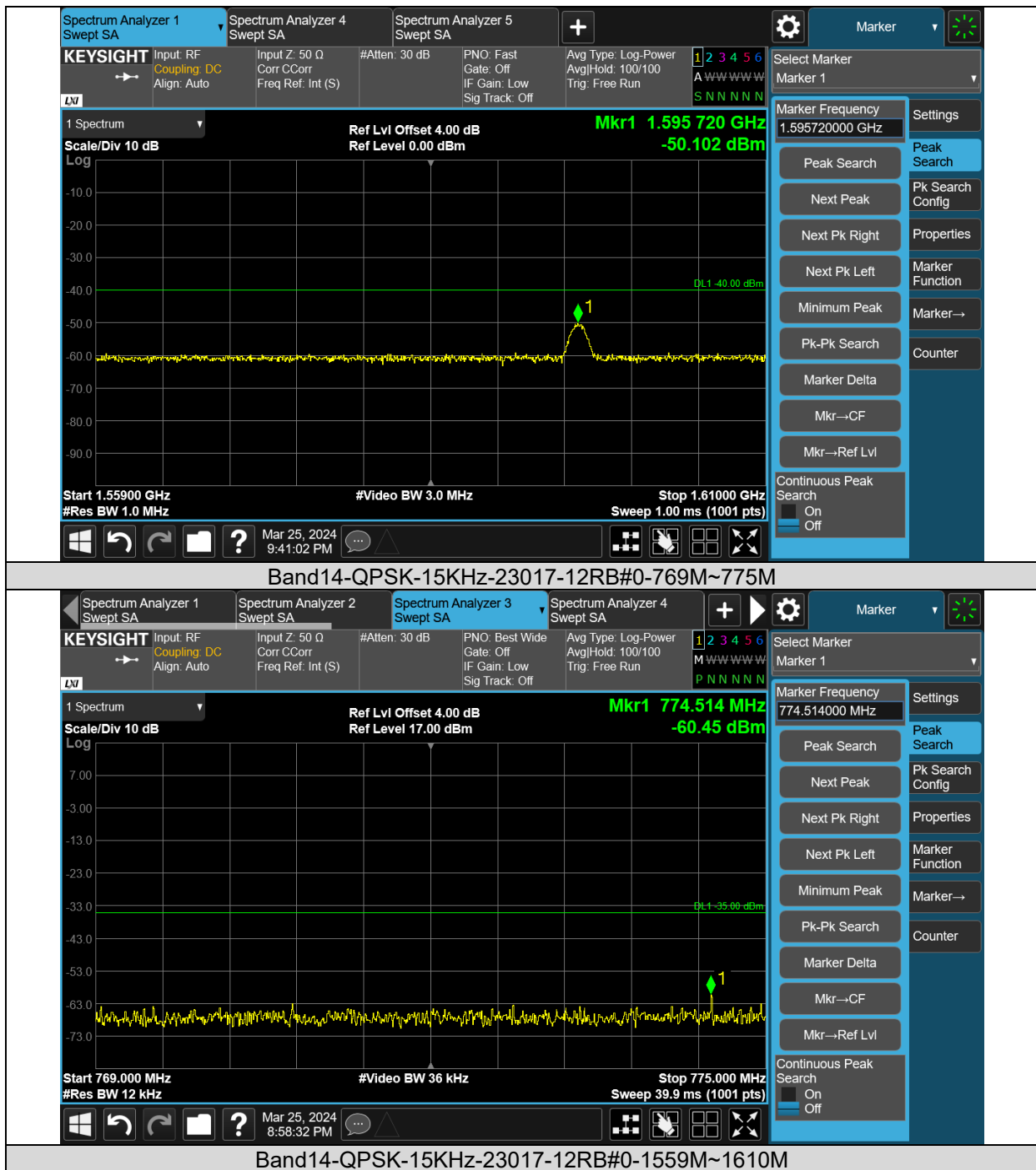
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VERITAS

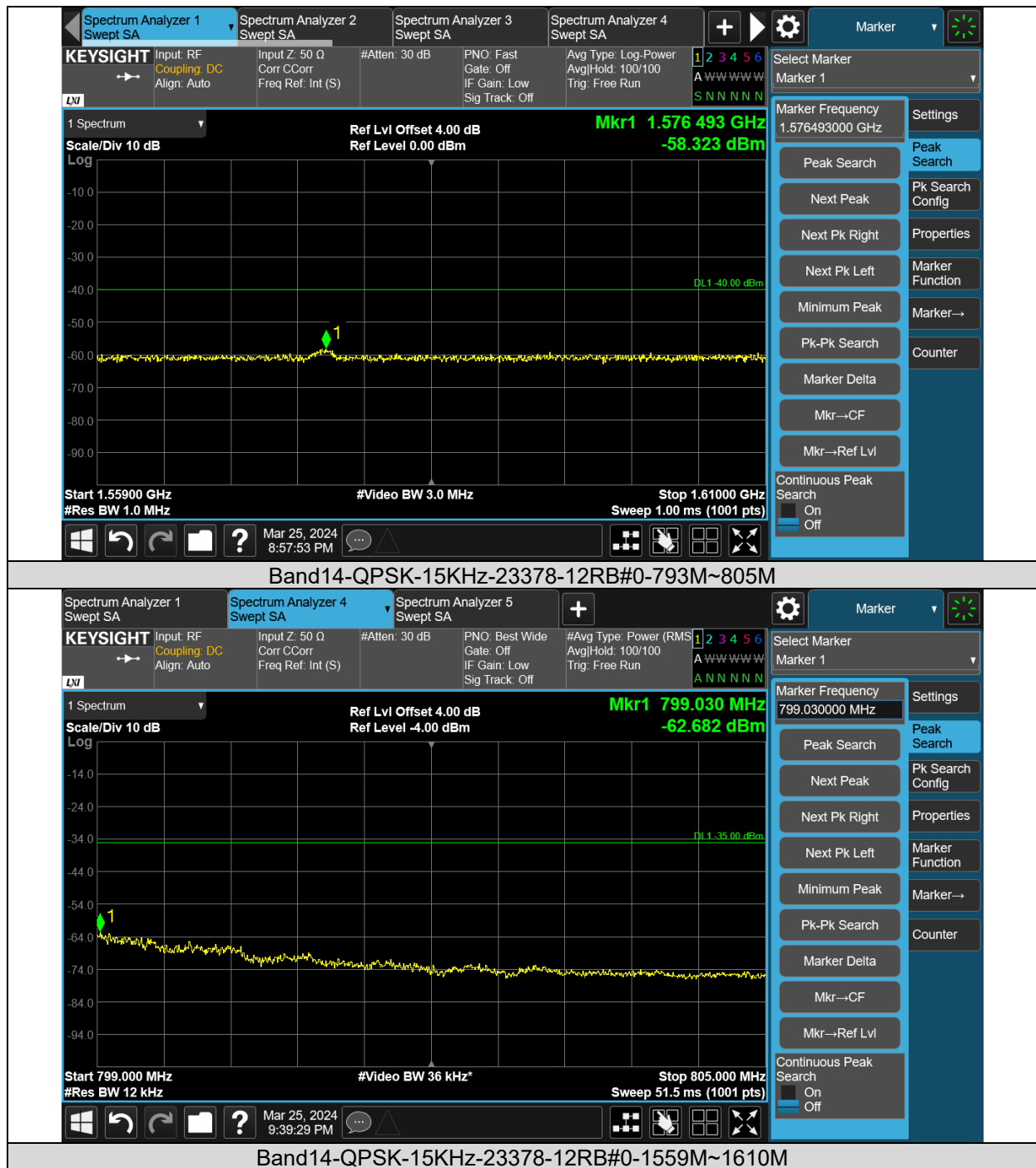
Test Report No.: W7L-240204W001RF05





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VERITAS

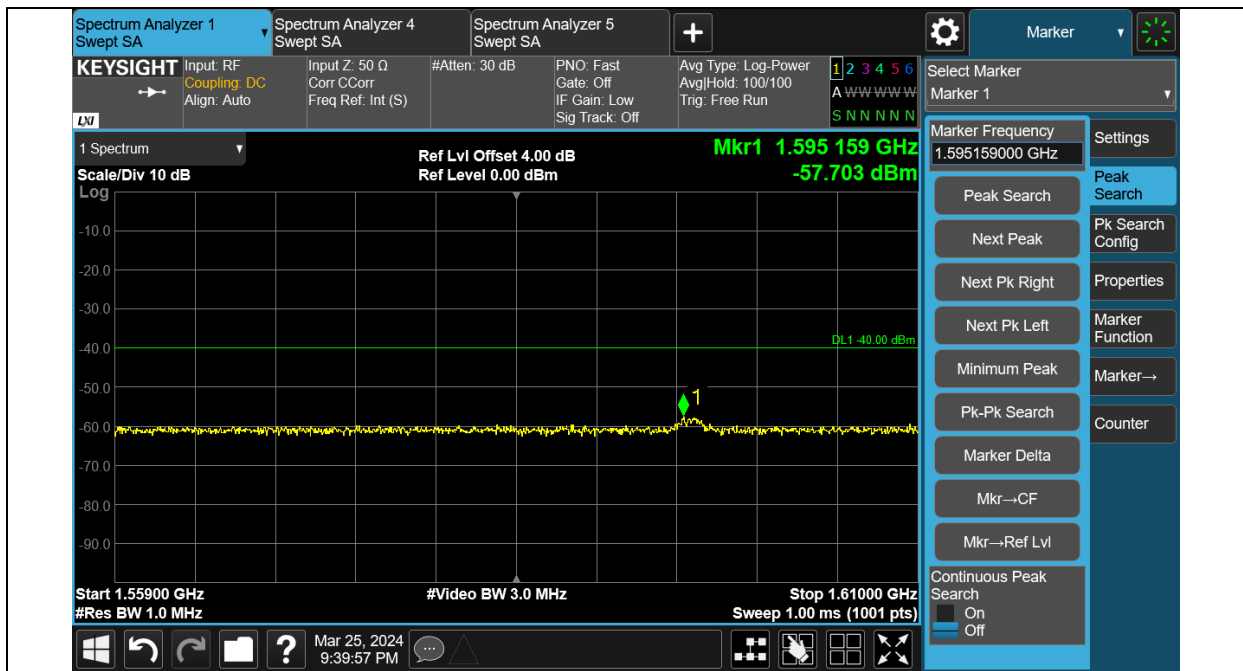
Test Report No.: W7L-240204W001RF05





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VERITAS

Test Report No.: W7L-240204W001RF05



CONDUCTED SPURIOUS EMISSION

Test Result

Band	Modulation	Sub-carrier spacing(KHz)	Channel	Ntones	Frequency Range	Result (dBm)	Verdict
Band14	BPSK	3.75	23282	1RB#0	Range:30M~8000M	See Graph	PASS
Band14	BPSK	3.75	23330	1RB#0	Range:30M~8000M	See Graph	PASS
Band14	BPSK	3.75	23378	1RB#0	Range:30M~8000M	See Graph	PASS
Band14	QPSK	3.75	23282	1RB#0	Range:30M~8000M	See Graph	PASS
Band14	QPSK	3.75	23330	1RB#0	Range:30M~8000M	See Graph	PASS
Band14	QPSK	3.75	23378	1RB#0	Range:30M~8000M	See Graph	PASS
Band14	BPSK	15	23282	1RB#0	Range:30M~8000M	See Graph	PASS
Band14	BPSK	15	23330	1RB#0	Range:30M~8000M	See Graph	PASS
Band14	BPSK	15	23378	1RB#0	Range:30M~8000M	See Graph	PASS
Band14	QPSK	15	23282	1RB#0	Range:30M~8000M	See Graph	PASS
Band14	QPSK	15	23330	1RB#0	Range:30M~8000M	See Graph	PASS
Band14	QPSK	15	23378	1RB#0	Range:30M~8000M	See Graph	PASS
Band14	QPSK	15	23282	12RB#0	Range:30M~8000M	See Graph	PASS
Band14	QPSK	15	23330	12RB#0	Range:30M~8000M	See Graph	PASS
Band14	QPSK	15	23378	12RB#0	Range:30M~8000M	See Graph	PASS

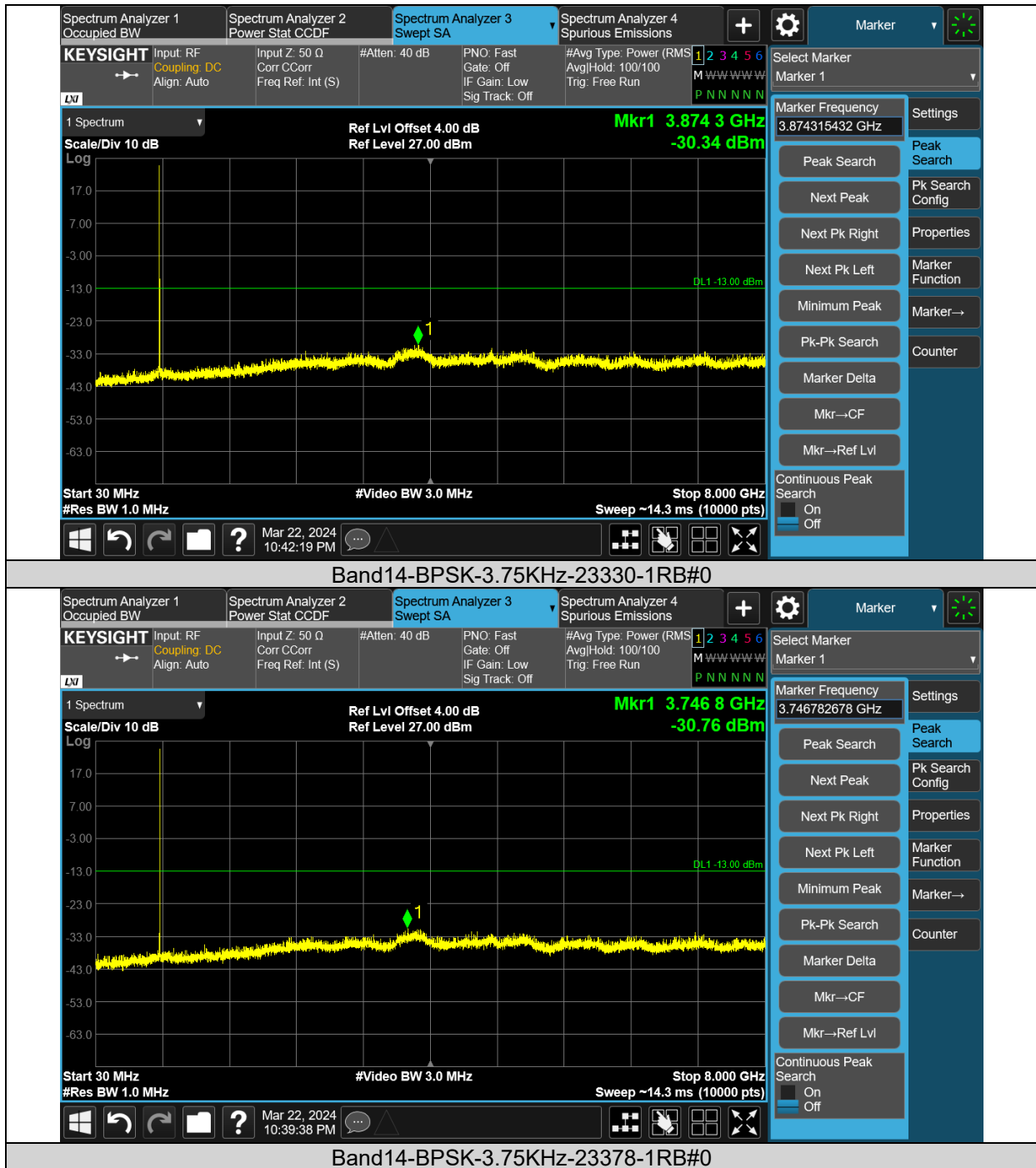
Test Graphs

Band14-BPSK-3.75KHz-23282-1RB#0



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VERITAS

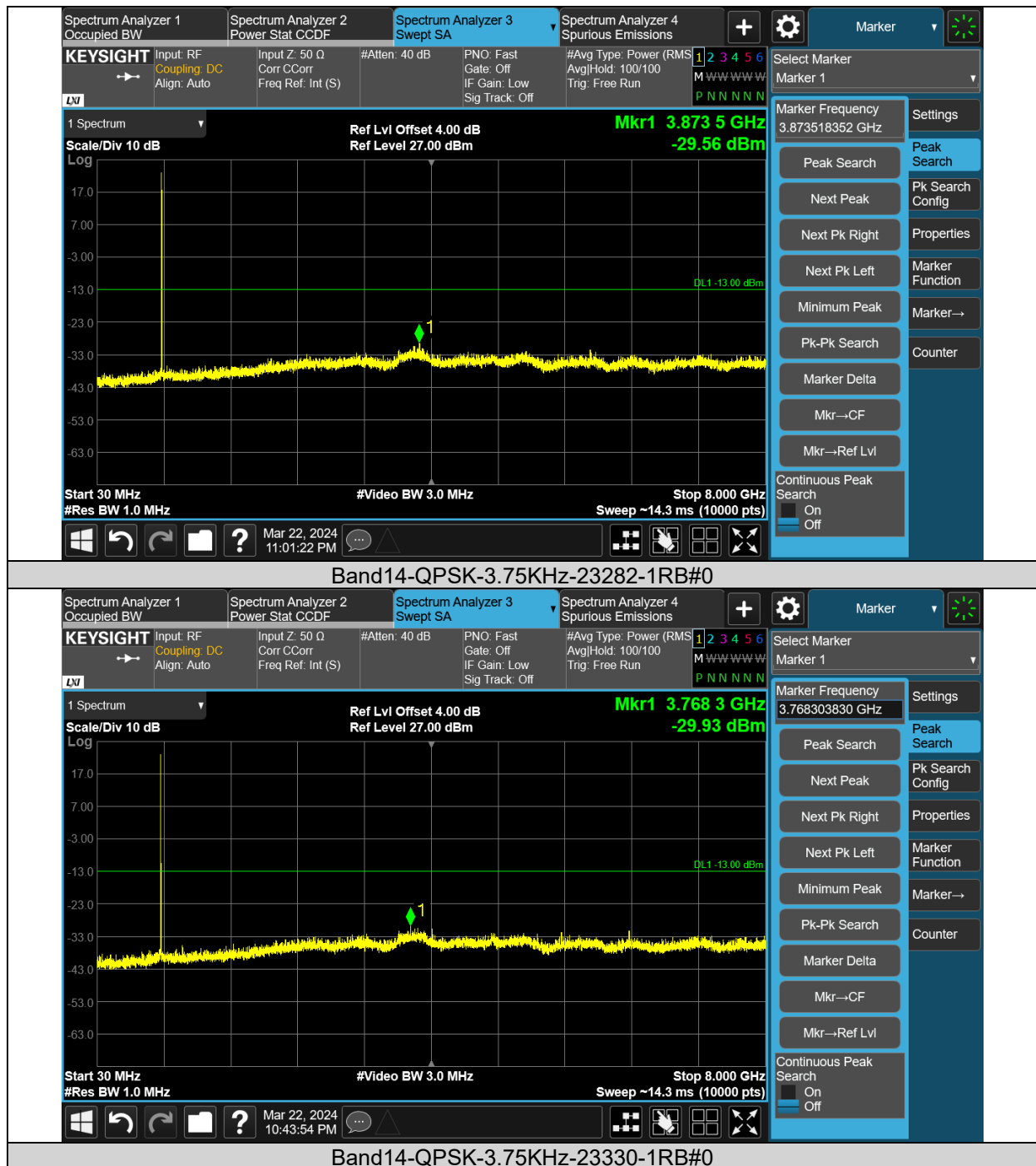
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VERITAS

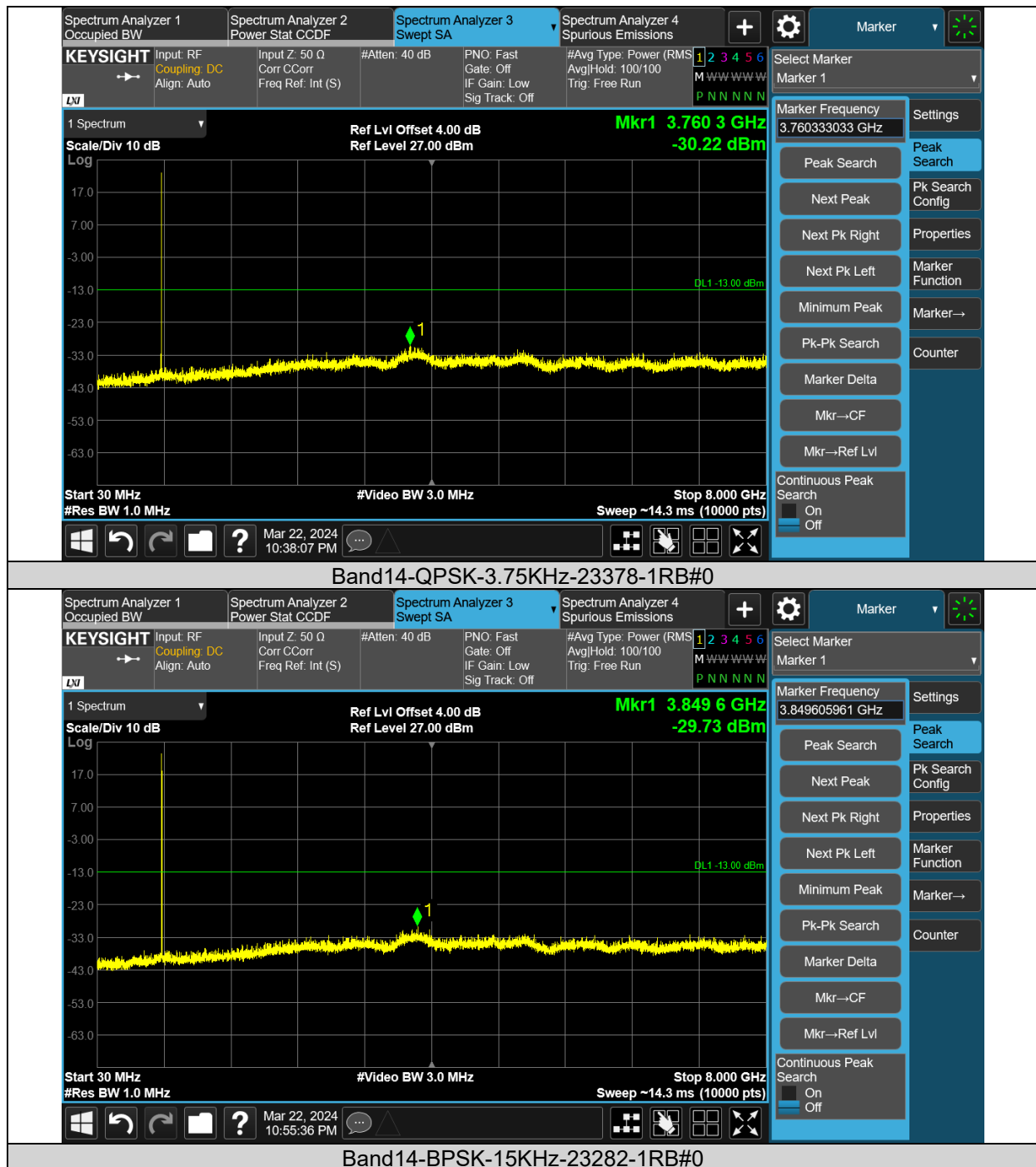
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VERITAS

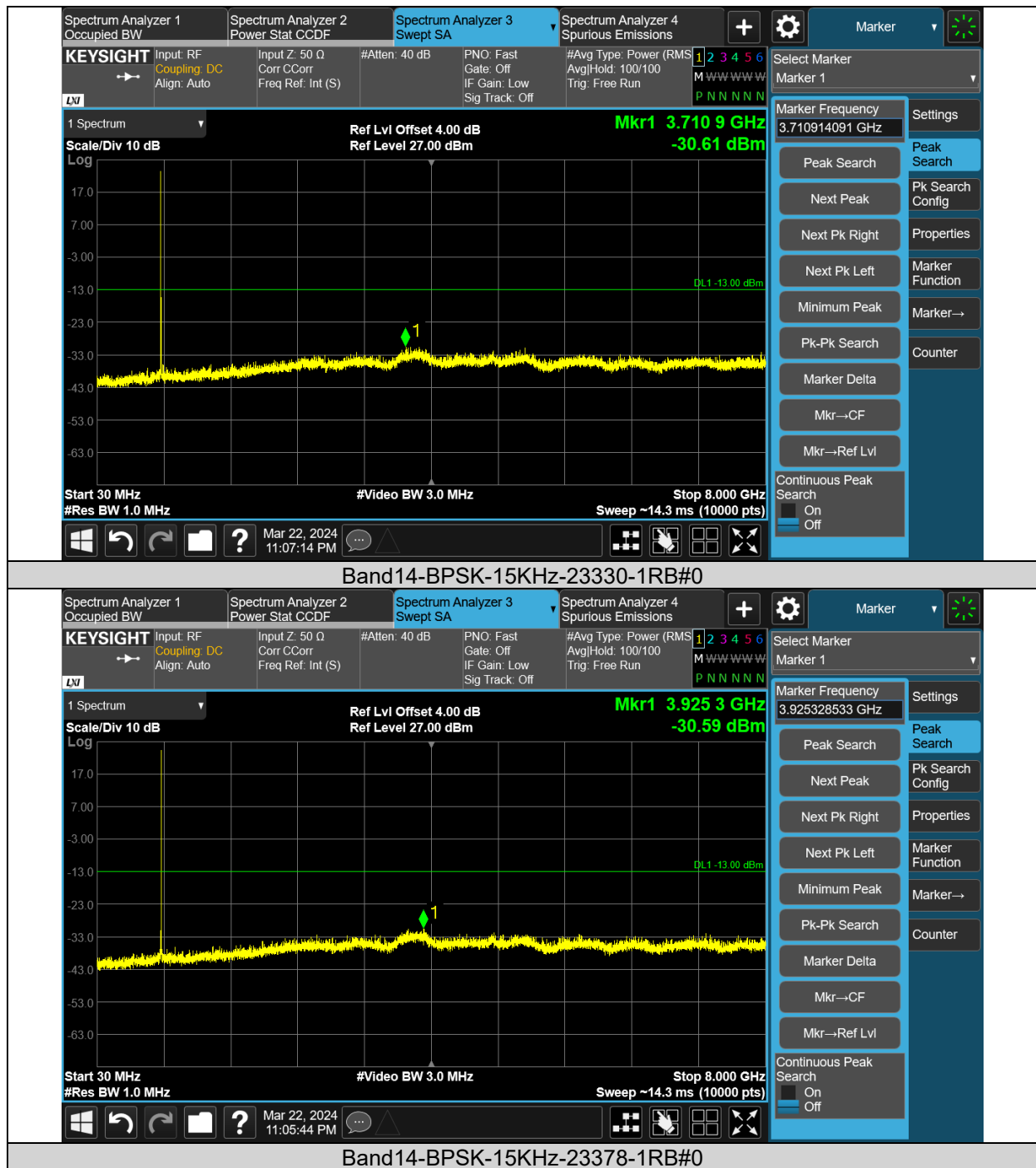
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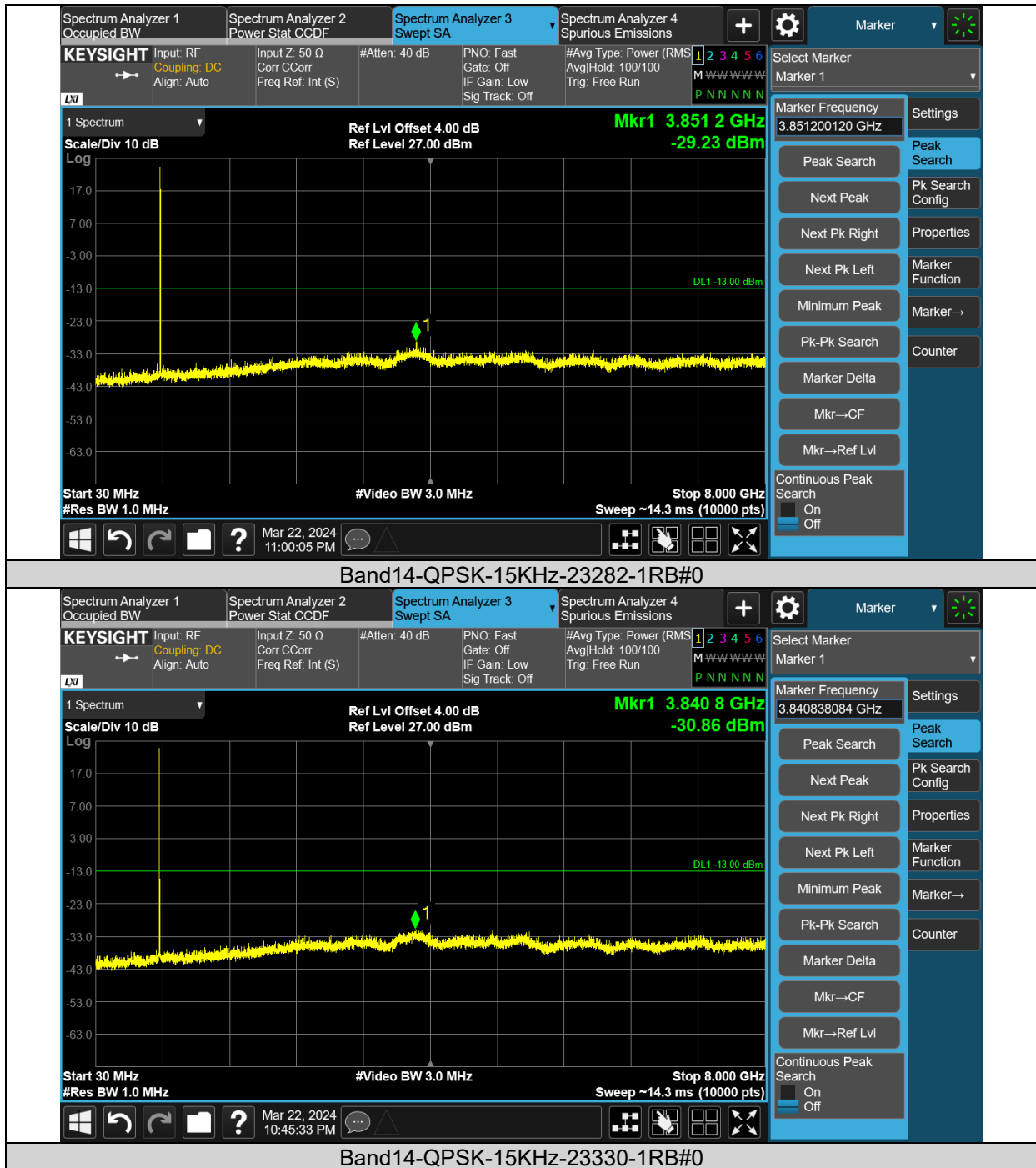
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VERITAS

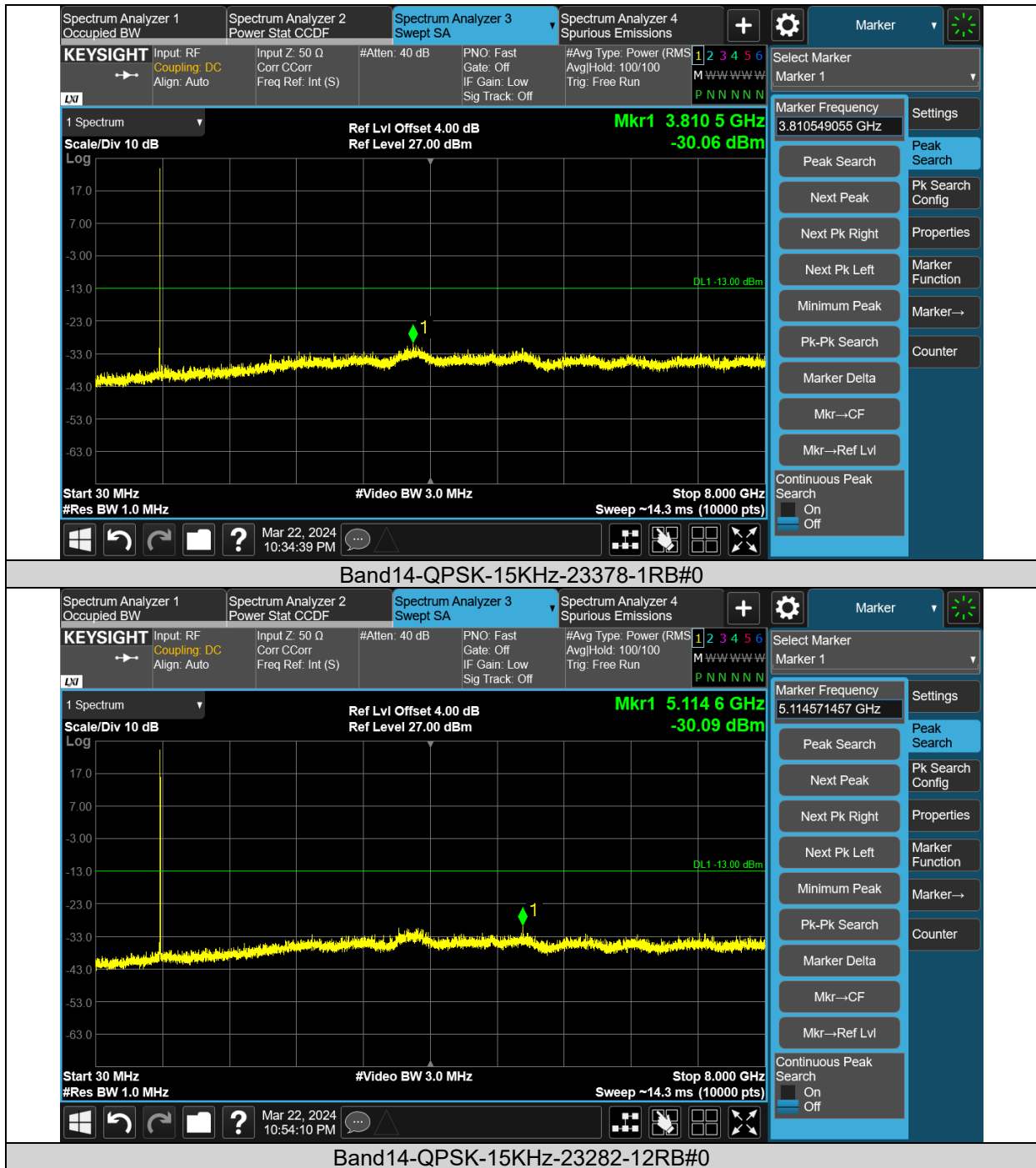
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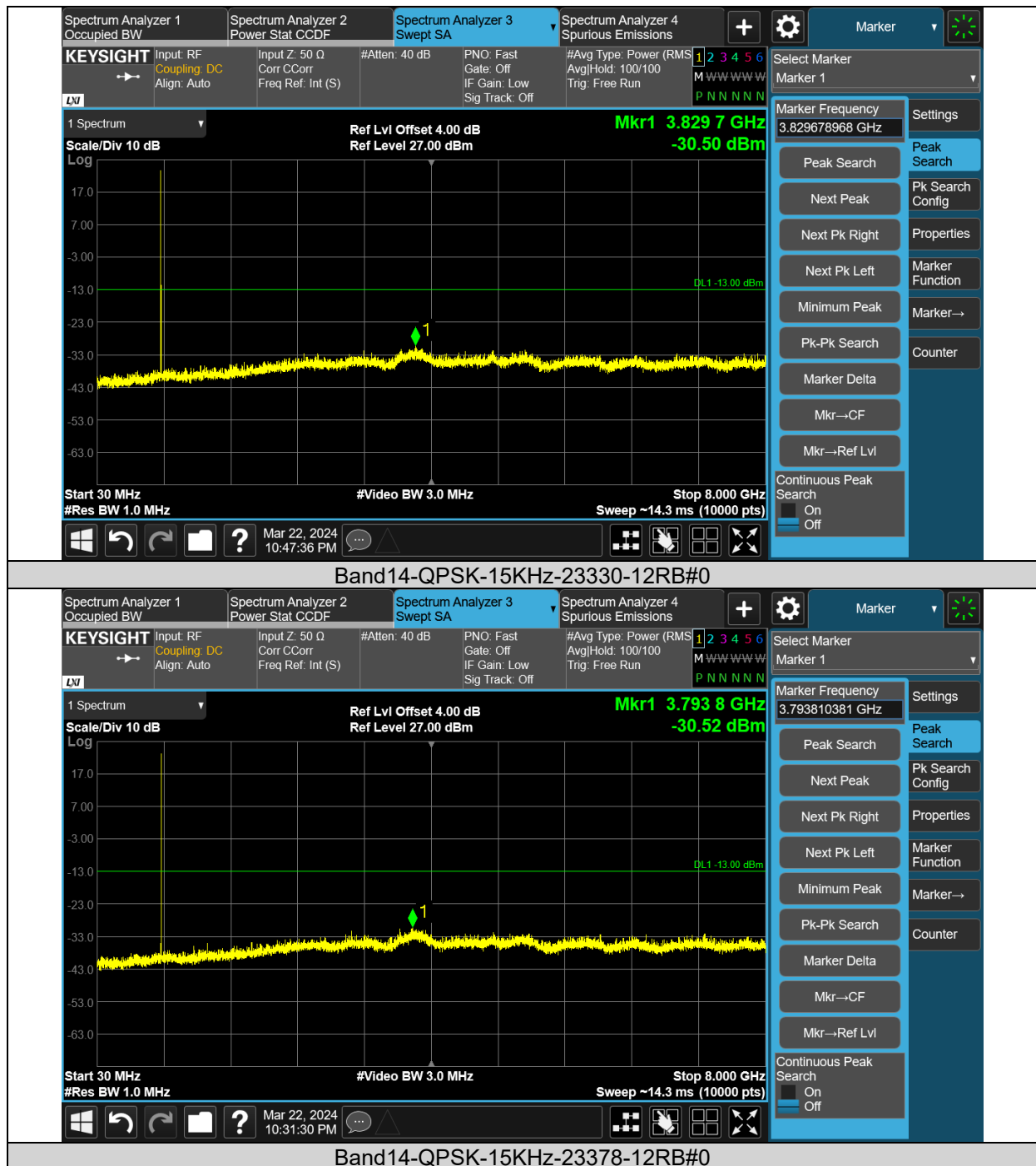
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VERITAS

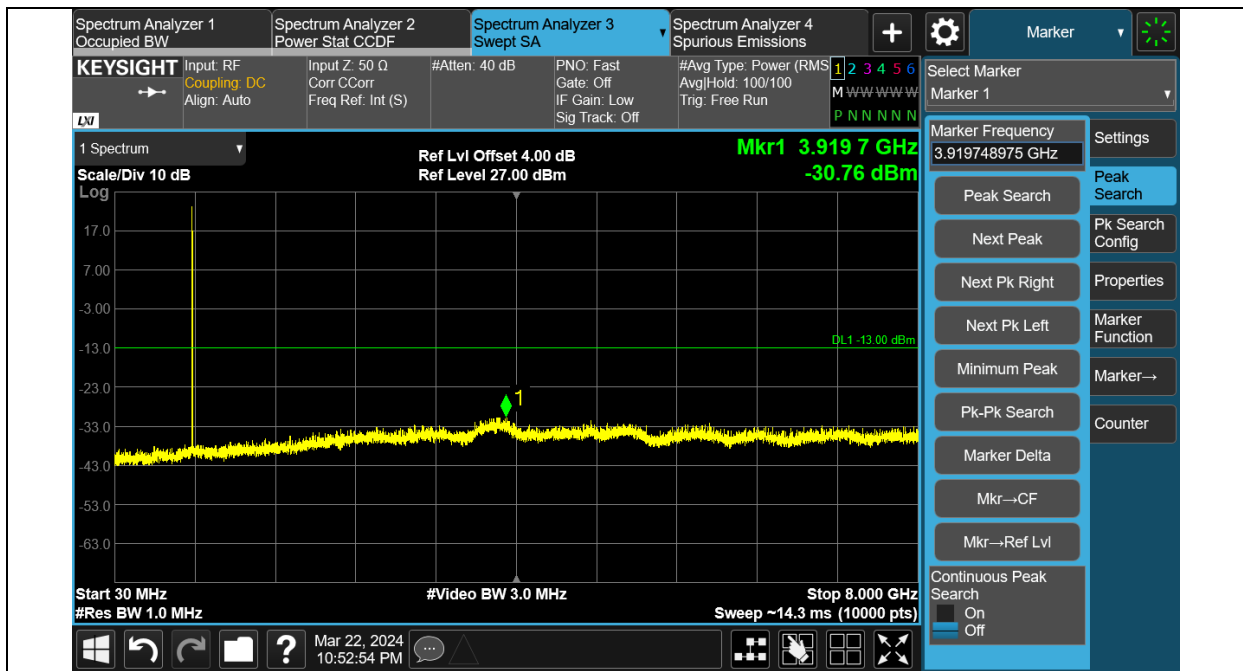
Test Report No.: W7L-240204W001RF05





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Test Report No.: W7L-240204W001RF05



FREQUENCY STABILITY

Test Result

Voltage								
Band	Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band14	QPSK	23330	VL	NT	7.73	0.031828	±2.5	PASS
Band14	QPSK	23330	VN	NT	24.35	0.031238	±2.5	PASS
Band14	QPSK	23330	VH	NT	25.69	0.032957	±2.5	PASS
Band14	BPSK	23330	VL	NT	33.93	0.043389	±2.5	PASS
Band14	BPSK	23330	VN	NT	13.76	0.017596	±2.5	PASS
Band14	BPSK	23330	VH	NT	21.76	0.027826	±2.5	PASS

Temperature								
Band	Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band14	QPSK	23330	NV	-30	6.31	0.008069	±2.5	PASS
Band14	QPSK	23330	NV	-20	-24.2	-0.030946	±2.5	PASS
Band14	QPSK	23330	NV	-10	-14.5	-0.018542	±2.5	PASS
Band14	QPSK	23330	NV	0	-8.4	-0.010742	±2.5	PASS
Band14	QPSK	23330	NV	10	7.1	0.009079	±2.5	PASS
Band14	QPSK	23330	NV	20	-4.8	-0.006138	±2.5	PASS
Band14	QPSK	23330	NV	30	-1.5	-0.001918	±2.5	PASS
Band14	QPSK	23330	NV	40	-16.5	-0.021100	±2.5	PASS
Band14	QPSK	23330	NV	50	-5.4	-0.006905	±2.5	PASS
Band14	BPSK	23330	NV	-30	23.5	0.030051	±2.5	PASS
Band14	BPSK	23330	NV	-20	15.3	0.019565	±2.5	PASS
Band14	BPSK	23330	NV	-10	-12.8	-0.016368	±2.5	PASS
Band14	BPSK	23330	NV	0	0.8	0.001023	±2.5	PASS
Band14	BPSK	23330	NV	10	1.2	0.001535	±2.5	PASS
Band14	BPSK	23330	NV	20	13	0.016624	±2.5	PASS
Band14	BPSK	23330	NV	30	-6	-0.007673	±2.5	PASS
Band14	BPSK	23330	NV	40	-9.1	-0.011637	±2.5	PASS
Band14	BPSK	23330	NV	50	22.1	0.028261	±2.5	PASS



Test Report No.: W7L-240204W001RF05

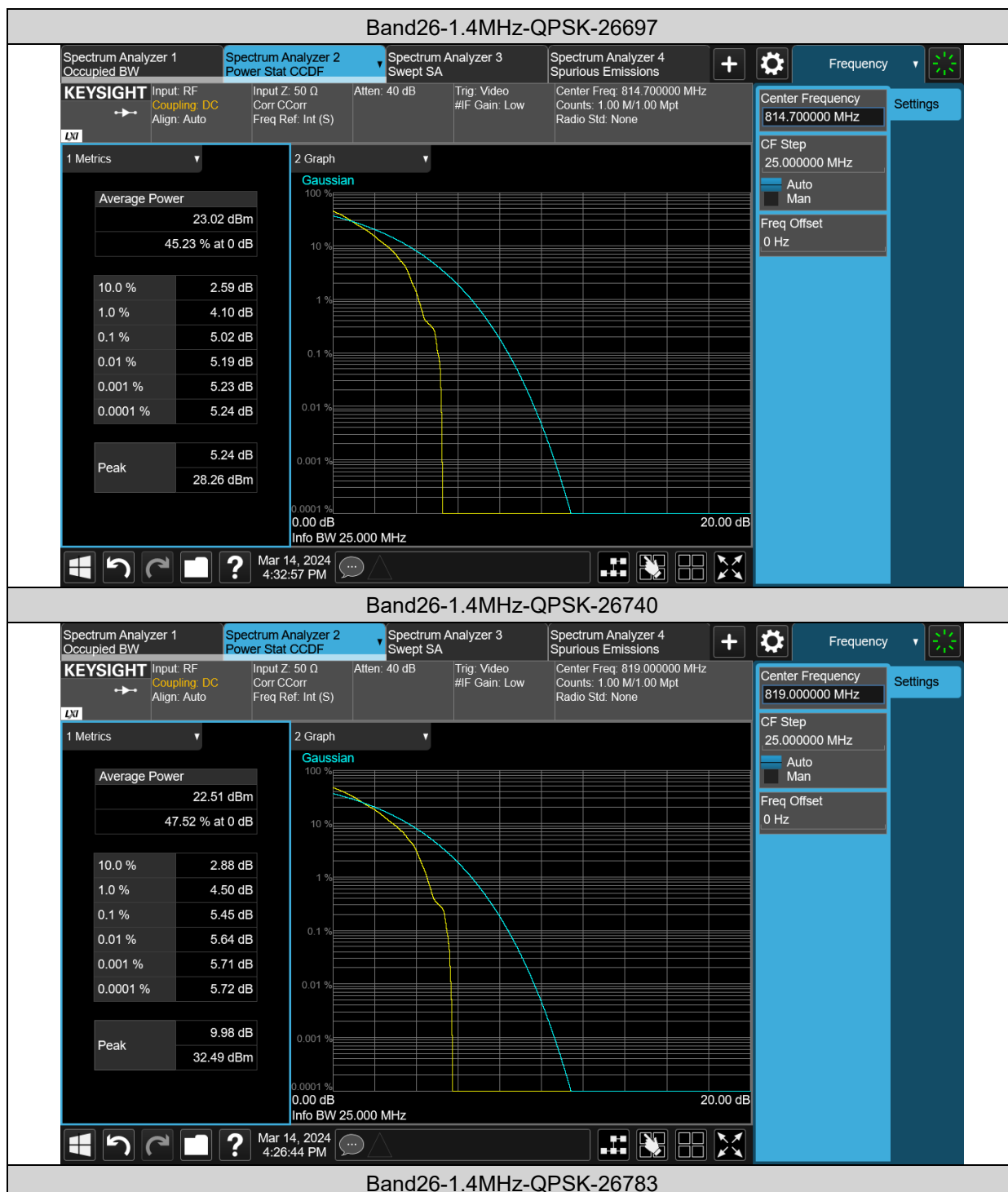
CAT-M: LTE BAND26

PEAK-TO-AVERAGE RATIO(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	Result(dB)	Limit(dB)	Verdict
Band26	1.4MHz	QPSK	26697	5.02	13	PASS
Band26	1.4MHz	QPSK	26740	5.45	13	PASS
Band26	1.4MHz	QPSK	26783	5.01	13	PASS
Band26	1.4MHz	16QAM	26697	4.97	13	PASS
Band26	1.4MHz	16QAM	26740	6.26	13	PASS
Band26	1.4MHz	16QAM	26783	6.59	13	PASS
Band26	3MHz	QPSK	26705	5.00	13	PASS
Band26	3MHz	QPSK	26740	5.01	13	PASS
Band26	3MHz	QPSK	26775	4.87	13	PASS
Band26	3MHz	16QAM	26705	6.25	13	PASS
Band26	3MHz	16QAM	26740	6.15	13	PASS
Band26	3MHz	16QAM	26775	6.60	13	PASS
Band26	5MHz	QPSK	26715	6.26	13	PASS
Band26	5MHz	QPSK	26740	5.82	13	PASS
Band26	5MHz	QPSK	26765	6.32	13	PASS
Band26	5MHz	16QAM	26715	5.94	13	PASS
Band26	5MHz	16QAM	26740	5.28	13	PASS
Band26	5MHz	16QAM	26765	6.07	13	PASS
Band26	10MHz	QPSK	26740	7.24	13	PASS
Band26	10MHz	16QAM	26740	6.76	13	PASS

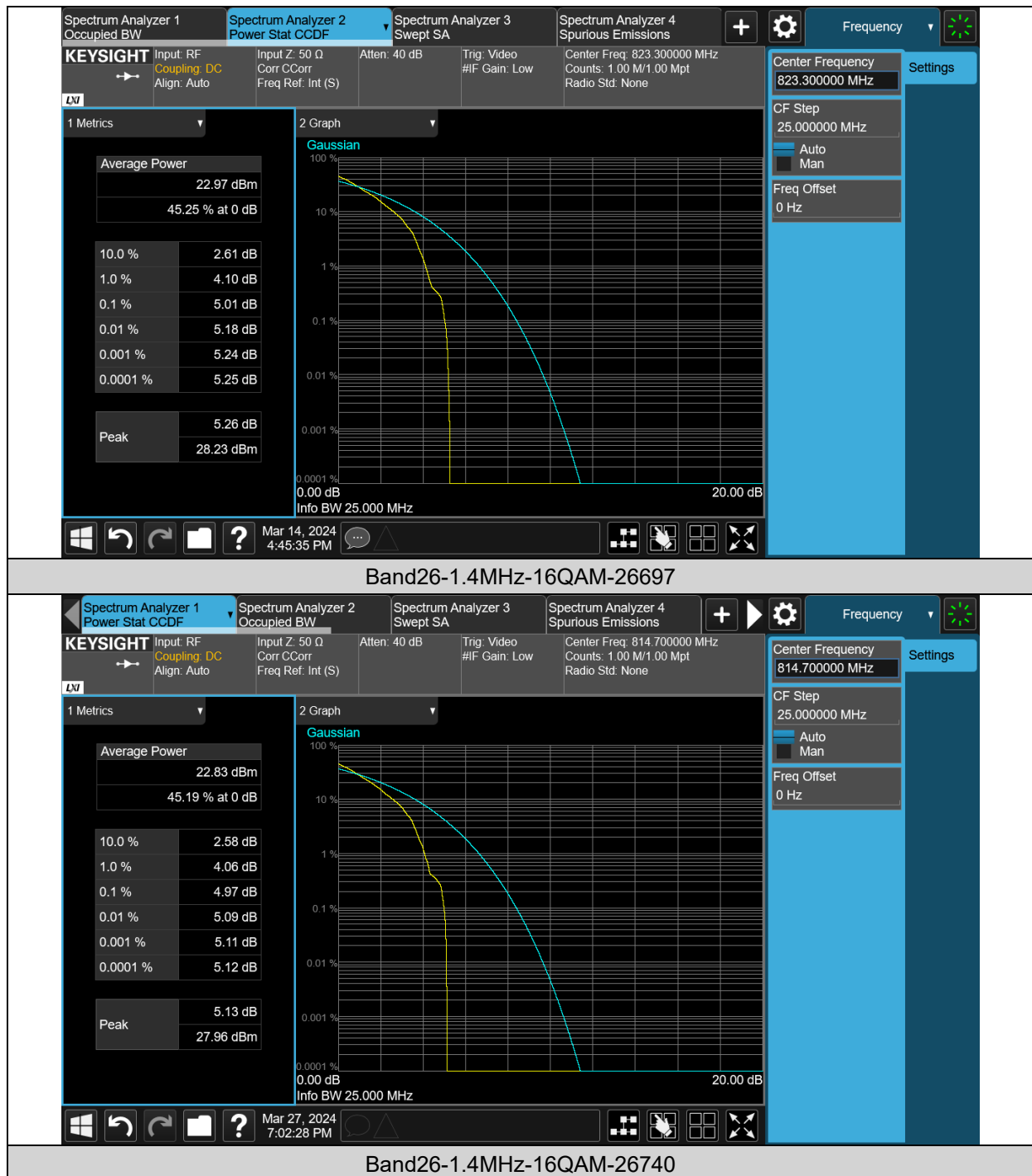
est Graphs





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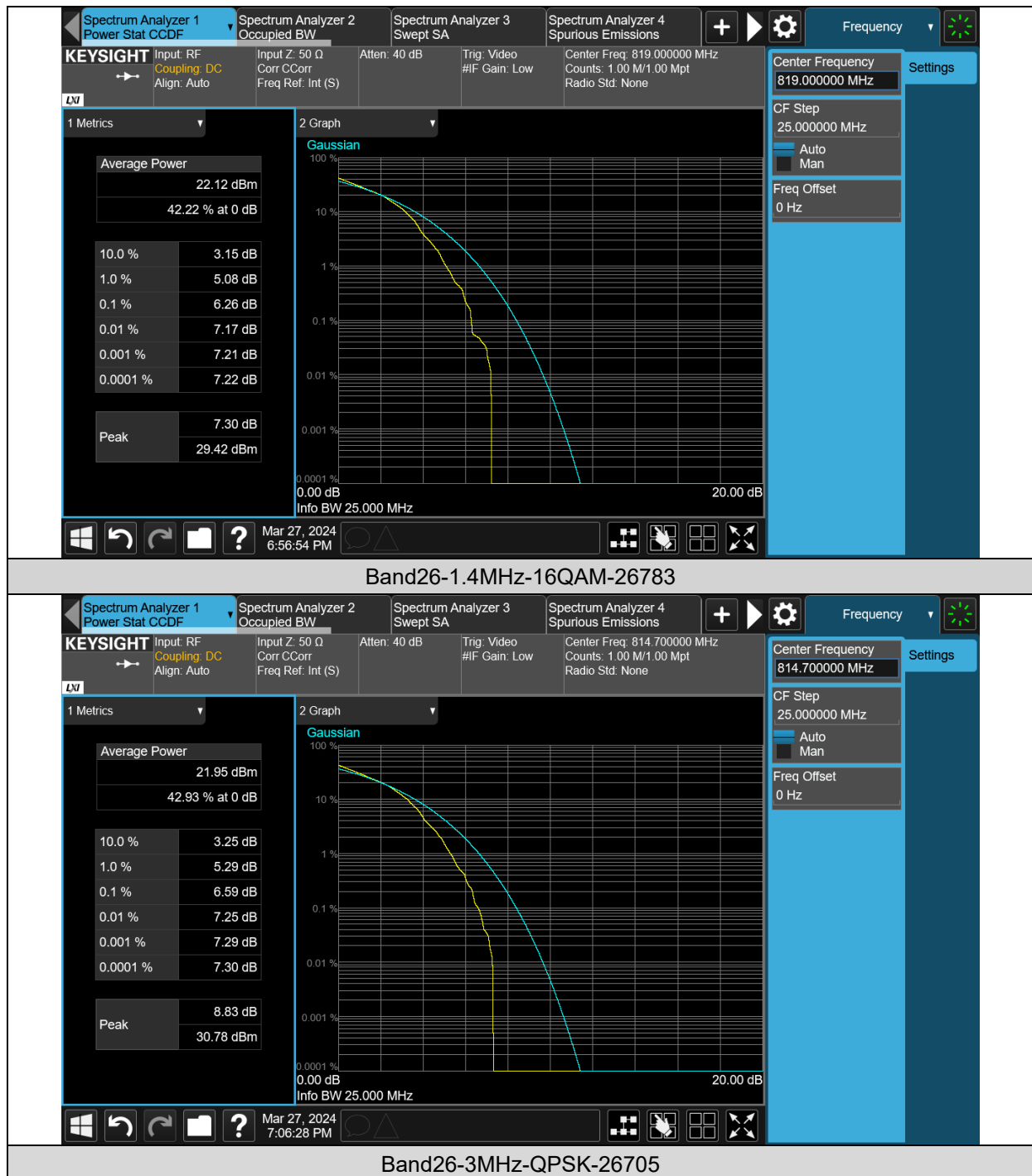
Test Report No.: W7L-240204W001RF05





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Test Report No.: W7L-240204W001RF05





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Test Report No.: W7L-240204W001RF05

