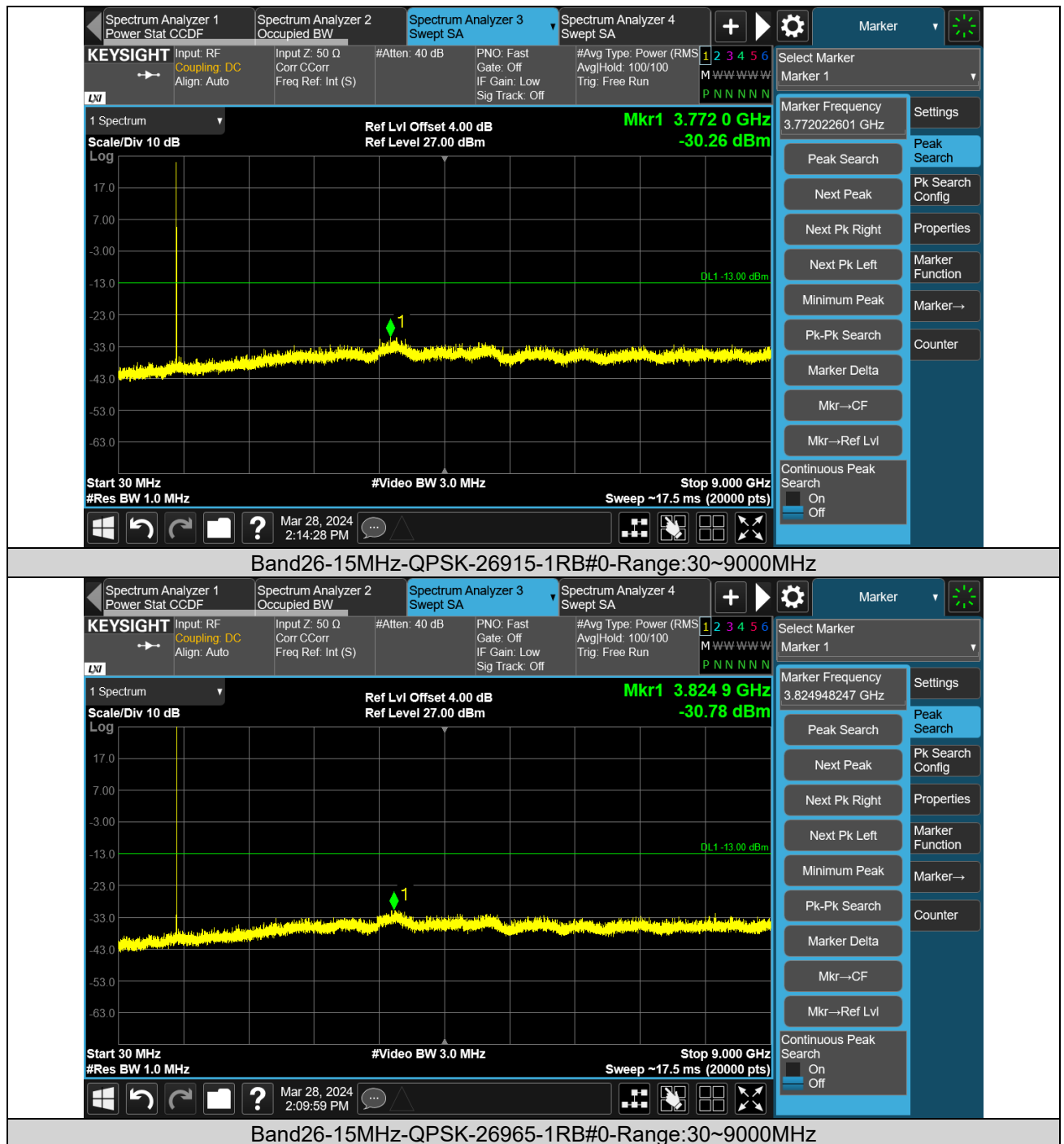




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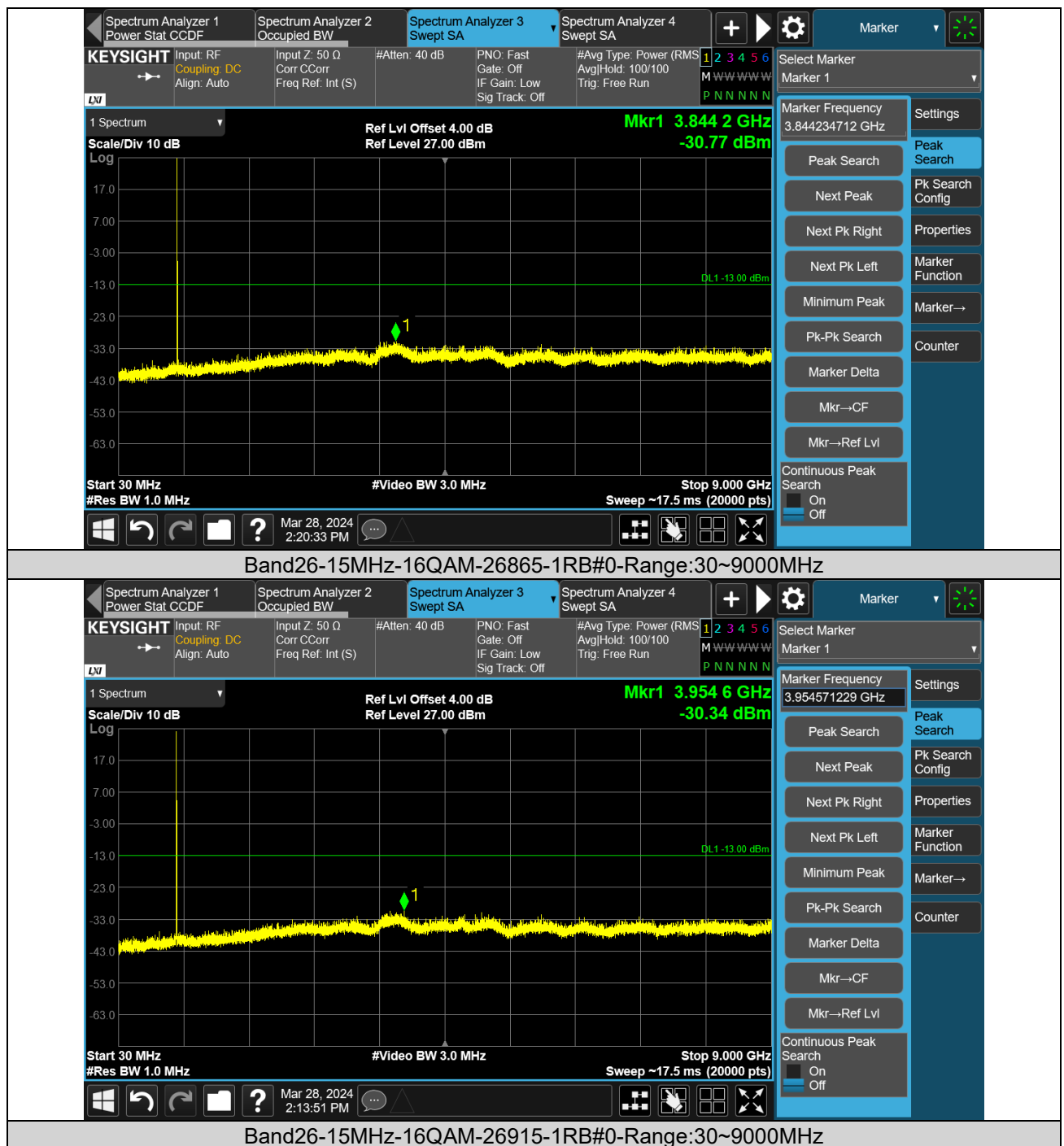
Test Report No.: W7L-240204W001RF01





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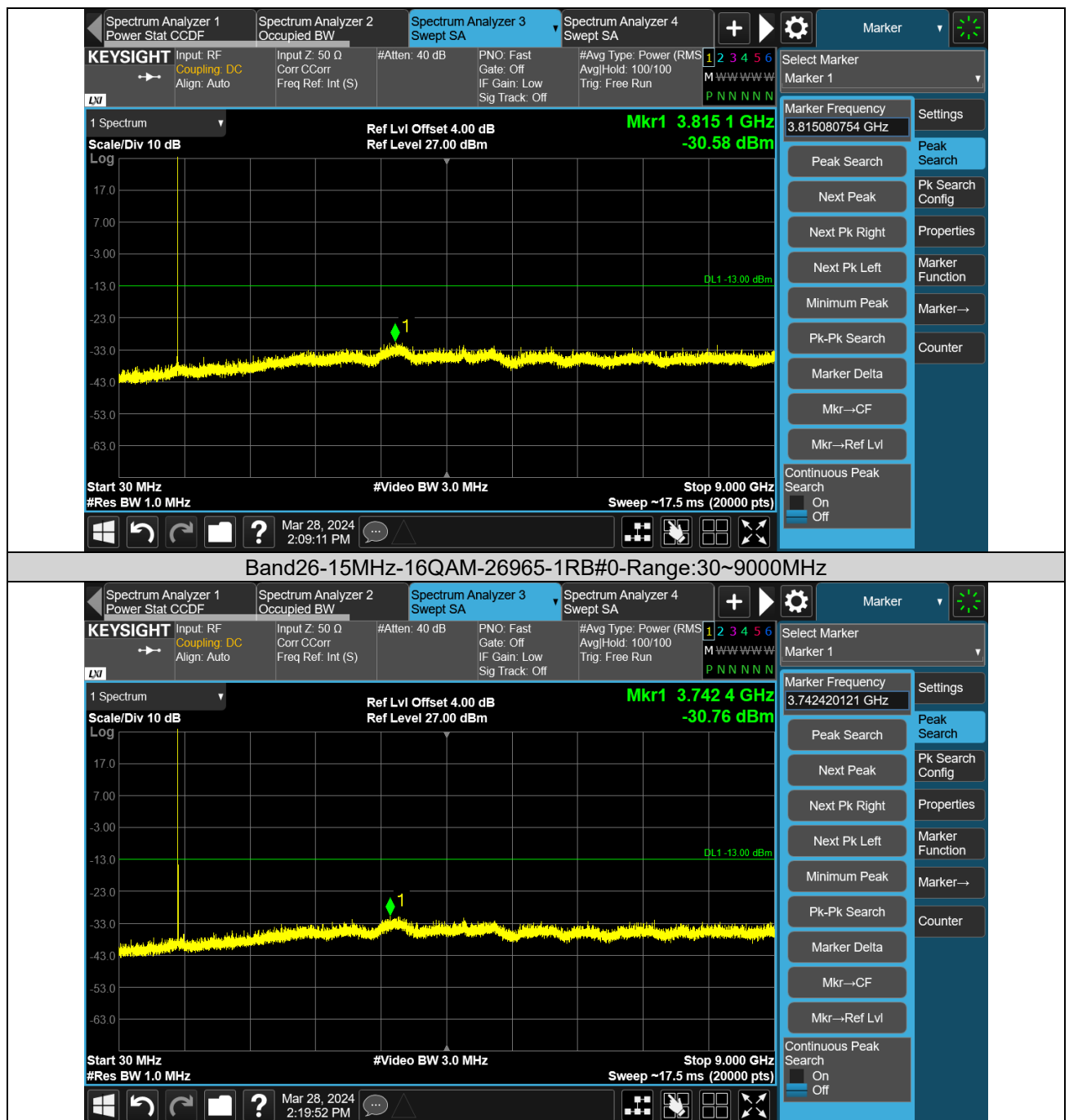
Test Report No.: W7L-240204W001RF01





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Test Report No.: W7L-240204W001RF01





FREQUENCY STABILITY

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band26	15MHz	QPSK	26865	6RB#0	VL	NT	2.6	0.000097	±2.5	PASS
Band26	15MHz	QPSK	26865	6RB#0	VN	NT	-4	-0.000149	±2.5	PASS
Band26	15MHz	QPSK	26865	6RB#0	VH	NT	8.1	0.000302	±2.5	PASS
Band26	15MHz	QPSK	26915	6RB#0	VL	NT	-12.2	-0.000453	±2.5	PASS
Band26	15MHz	QPSK	26915	6RB#0	VN	NT	-16.7	-0.000620	±2.5	PASS
Band26	15MHz	QPSK	26915	6RB#0	VH	NT	11.9	0.000442	±2.5	PASS
Band26	15MHz	QPSK	26965	6RB#0	VL	NT	-9.9	-0.000367	±2.5	PASS
Band26	15MHz	QPSK	26965	6RB#0	VN	NT	-18.6	-0.000690	±2.5	PASS
Band26	15MHz	QPSK	26965	6RB#0	VH	NT	-16.6	-0.000616	±2.5	PASS
Band26	15MHz	16QAM	26865	6RB#0	VL	NT	-17.6	-0.000655	±2.5	PASS
Band26	15MHz	16QAM	26865	6RB#0	VN	NT	7.1	0.000264	±2.5	PASS
Band26	15MHz	16QAM	26865	6RB#0	VH	NT	2.8	0.000104	±2.5	PASS
Band26	15MHz	16QAM	26915	6RB#0	VL	NT	12.5	0.000464	±2.5	PASS
Band26	15MHz	16QAM	26915	6RB#0	VN	NT	10.8	0.000401	±2.5	PASS
Band26	15MHz	16QAM	26915	6RB#0	VH	NT	-0.3	-0.000011	±2.5	PASS
Band26	15MHz	16QAM	26965	6RB#0	VL	NT	-5.4	-0.000200	±2.5	PASS
Band26	15MHz	16QAM	26965	6RB#0	VN	NT	15.7	0.000582	±2.5	PASS
Band26	15MHz	16QAM	26965	6RB#0	VH	NT	19.5	0.000723	±2.5	PASS

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band26	15MHz	QPSK	26865	6RB#0	NV	-30	-6.3	-0.000235	±2.5	PASS
Band26	15MHz	QPSK	26865	6RB#0	NV	-20	24	0.000893	±2.5	PASS
Band26	15MHz	QPSK	26865	6RB#0	NV	-10	-2.9	-0.000108	±2.5	PASS
Band26	15MHz	QPSK	26865	6RB#0	NV	0	-21.2	-0.000789	±2.5	PASS
Band26	15MHz	QPSK	26865	6RB#0	NV	10	-2.7	-0.000101	±2.5	PASS
Band26	15MHz	QPSK	26865	6RB#0	NV	20	-0.6	-0.000022	±2.5	PASS
Band26	15MHz	QPSK	26865	6RB#0	NV	30	2.7	0.000101	±2.5	PASS
Band26	15MHz	QPSK	26865	6RB#0	NV	40	-22.7	-0.000845	±2.5	PASS
Band26	15MHz	QPSK	26865	6RB#0	NV	50	17.7	0.000659	±2.5	PASS
Band26	15MHz	QPSK	26915	6RB#0	NV	-30	-17.2	-0.000639	±2.5	PASS
Band26	15MHz	QPSK	26915	6RB#0	NV	-20	20.7	0.000769	±2.5	PASS
Band26	15MHz	QPSK	26915	6RB#0	NV	-10	18.8	0.000698	±2.5	PASS
Band26	15MHz	QPSK	26915	6RB#0	NV	0	2.2	0.000082	±2.5	PASS
Band26	15MHz	QPSK	26915	6RB#0	NV	10	-8.6	-0.000320	±2.5	PASS
Band26	15MHz	QPSK	26915	6RB#0	NV	20	-18.7	-0.000695	±2.5	PASS
Band26	15MHz	QPSK	26915	6RB#0	NV	30	2.9	0.000108	±2.5	PASS
Band26	15MHz	QPSK	26915	6RB#0	NV	40	-0.5	-0.000019	±2.5	PASS
Band26	15MHz	QPSK	26915	6RB#0	NV	50	-10.5	-0.000390	±2.5	PASS
Band26	15MHz	QPSK	26965	6RB#0	NV	-30	-15.1	-0.000560	±2.5	PASS

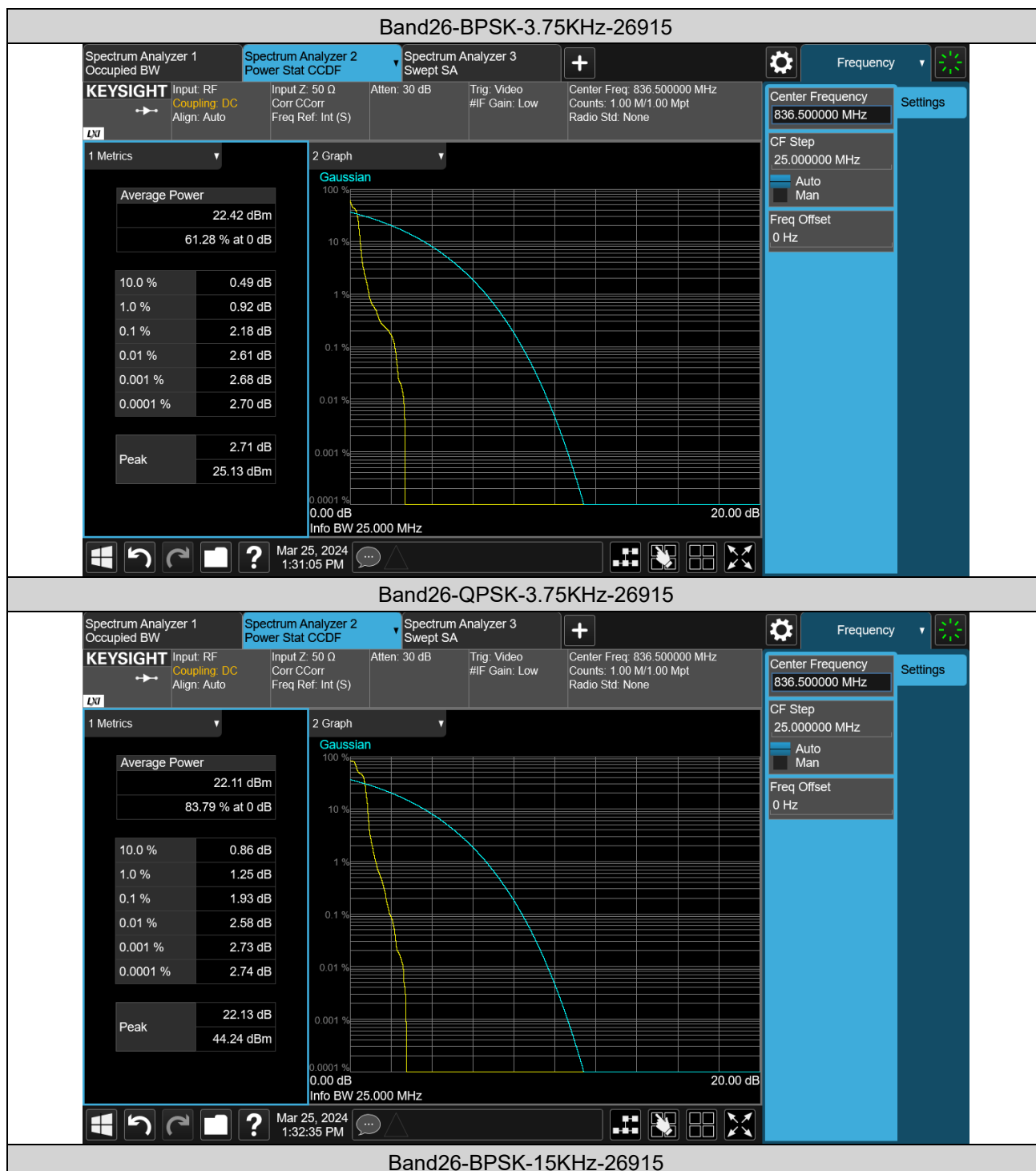


Band26	15MHz	QPSK	26965	6RB#0	NV	-20	23.2	0.000860	±2.5	PASS
Band26	15MHz	QPSK	26965	6RB#0	NV	-10	0.4	0.000015	±2.5	PASS
Band26	15MHz	QPSK	26965	6RB#0	NV	0	24.7	0.000916	±2.5	PASS
Band26	15MHz	QPSK	26965	6RB#0	NV	10	19.2	0.000712	±2.5	PASS
Band26	15MHz	QPSK	26965	6RB#0	NV	20	-16	-0.000593	±2.5	PASS
Band26	15MHz	QPSK	26965	6RB#0	NV	30	-20.1	-0.000745	±2.5	PASS
Band26	15MHz	QPSK	26965	6RB#0	NV	40	18.7	0.000693	±2.5	PASS
Band26	15MHz	QPSK	26965	6RB#0	NV	50	14.7	0.000545	±2.5	PASS
Band26	15MHz	16QAM	26865	6RB#0	NV	-30	-24.5	-0.000912	±2.5	PASS
Band26	15MHz	16QAM	26865	6RB#0	NV	-20	-2.2	-0.000082	±2.5	PASS
Band26	15MHz	16QAM	26865	6RB#0	NV	-10	-11.5	-0.000428	±2.5	PASS
Band26	15MHz	16QAM	26865	6RB#0	NV	0	20.8	0.000774	±2.5	PASS
Band26	15MHz	16QAM	26865	6RB#0	NV	10	-20.8	-0.000774	±2.5	PASS
Band26	15MHz	16QAM	26865	6RB#0	NV	20	-8.2	-0.000305	±2.5	PASS
Band26	15MHz	16QAM	26865	6RB#0	NV	30	-17	-0.000633	±2.5	PASS
Band26	15MHz	16QAM	26865	6RB#0	NV	40	-16.3	-0.000607	±2.5	PASS
Band26	15MHz	16QAM	26865	6RB#0	NV	50	15.4	0.000573	±2.5	PASS
Band26	15MHz	16QAM	26915	6RB#0	NV	-30	16.3	0.000606	±2.5	PASS
Band26	15MHz	16QAM	26915	6RB#0	NV	-20	-2.5	-0.000093	±2.5	PASS
Band26	15MHz	16QAM	26915	6RB#0	NV	-10	17.9	0.000665	±2.5	PASS
Band26	15MHz	16QAM	26915	6RB#0	NV	0	8.9	0.000331	±2.5	PASS
Band26	15MHz	16QAM	26915	6RB#0	NV	10	14.1	0.000524	±2.5	PASS
Band26	15MHz	16QAM	26915	6RB#0	NV	20	-24.6	-0.000914	±2.5	PASS
Band26	15MHz	16QAM	26915	6RB#0	NV	30	2.3	0.000085	±2.5	PASS
Band26	15MHz	16QAM	26915	6RB#0	NV	40	12.4	0.000461	±2.5	PASS
Band26	15MHz	16QAM	26915	6RB#0	NV	50	5.5	0.000204	±2.5	PASS
Band26	15MHz	16QAM	26965	6RB#0	NV	-30	24.9	0.000923	±2.5	PASS
Band26	15MHz	16QAM	26965	6RB#0	NV	-20	12.5	0.000464	±2.5	PASS
Band26	15MHz	16QAM	26965	6RB#0	NV	-10	-12.4	-0.000460	±2.5	PASS
Band26	15MHz	16QAM	26965	6RB#0	NV	0	7.3	0.000271	±2.5	PASS
Band26	15MHz	16QAM	26965	6RB#0	NV	10	18.5	0.000686	±2.5	PASS
Band26	15MHz	16QAM	26965	6RB#0	NV	20	-10.9	-0.000404	±2.5	PASS
Band26	15MHz	16QAM	26965	6RB#0	NV	30	-14.6	-0.000541	±2.5	PASS
Band26	15MHz	16QAM	26965	6RB#0	NV	40	2.2	0.000082	±2.5	PASS
Band26	15MHz	16QAM	26965	6RB#0	NV	50	-5.8	-0.000215	±2.5	PASS

NB-IOT :LTE BAND26(INCLUDING LTE BAND5)**PEAK-TO-AVERAGE RATIO(CCDF)****Test Result**

Band	Modulation	Sub-carrier spacing(KHz)	Channe	Result(dB)	Limit(dB)	Verdict
Band26	BPSK	3.75	26915	2.18	13	PASS
	QPSK	3.75	26915	1.93	3	PASS
	BPSK	15	26915	2.02	3	PASS
	QPSK	15	26915	2.02	3	PASS

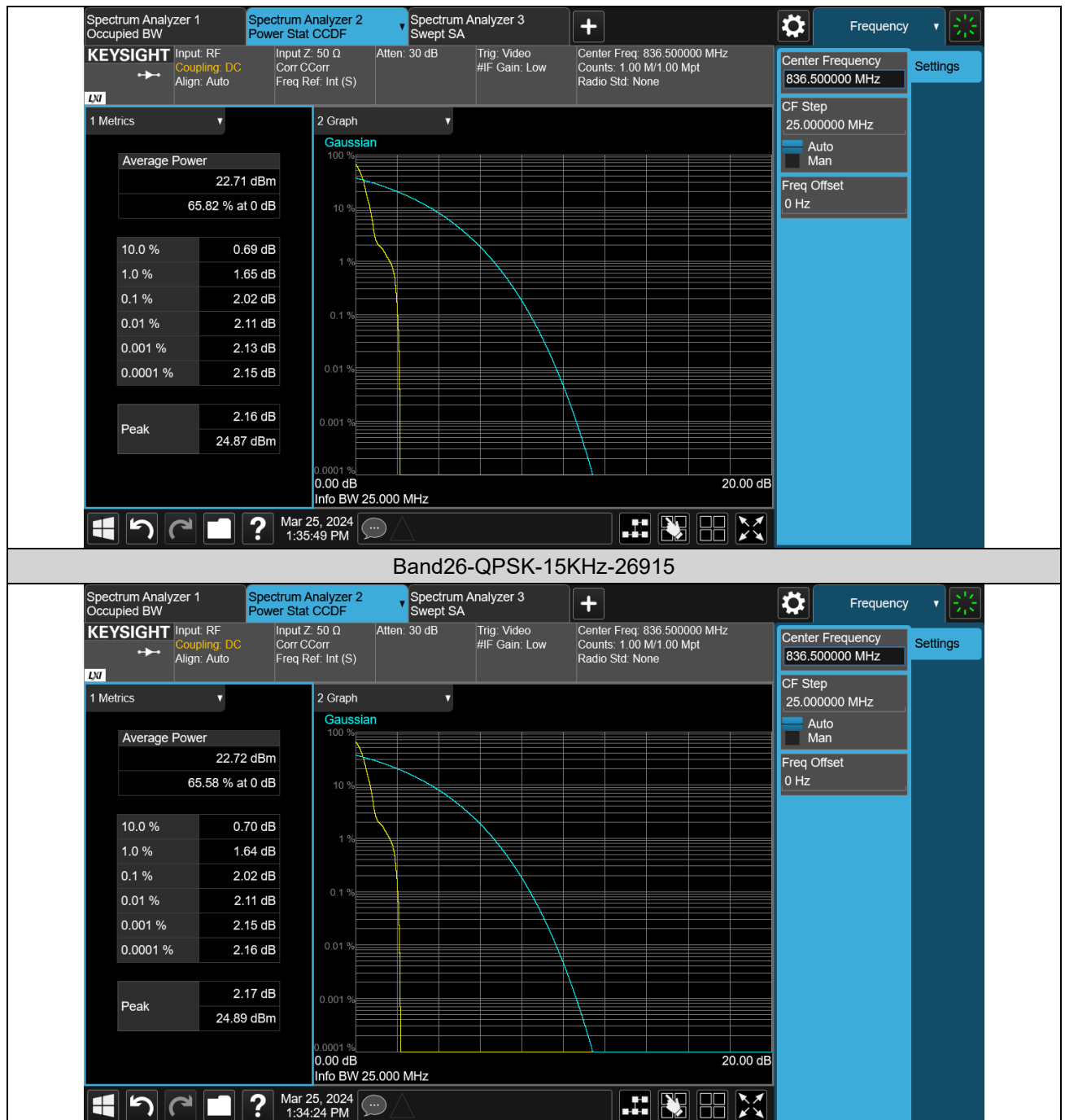
Test Graphs





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Test Report No.: W7L-240204W001RF01



26DB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

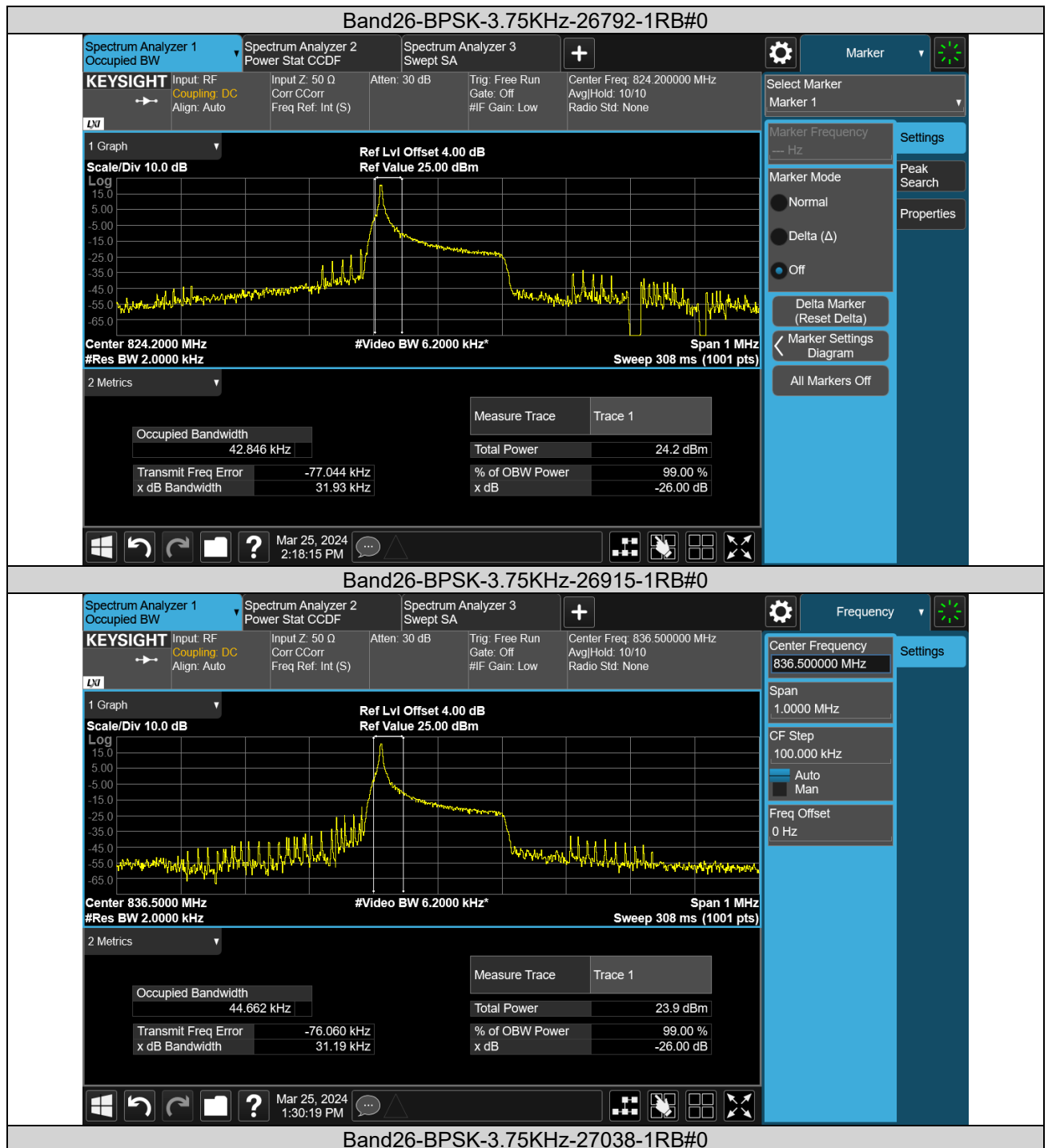
Band	Modulation	Sub-carrier spacing(KHz)	Channel	Ntones	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Verdict
Band26	BPSK	3.75	26792	1RB#0	42.846	31.93	PASS
Band26	BPSK	3.75	26915	1RB#0	44.662	31.19	PASS
Band26	BPSK	3.75	27038	1RB#0	41.603	33.49	PASS
Band26	QPSK	3.75	26792	1RB#0	46.877	35.70	PASS
Band26	QPSK	3.75	26915	1RB#0	47.148	34.91	PASS
Band26	QPSK	3.75	27038	1RB#0	49.155	35.52	PASS
Band26	BPSK	15	26792	1RB#0	119.97	130.8	PASS
Band26	BPSK	15	26915	1RB#0	115.75	128.9	PASS
Band26	BPSK	15	27038	1RB#0	104.03	102.3	PASS
Band26	QPSK	15	26792	1RB#0	121.57	85.43	PASS
Band26	QPSK	15	26915	1RB#0	112.74	130.8	PASS
Band26	QPSK	15	27038	1RB#0	121.32	88.98	PASS
Band26	QPSK	15	26792	12RB#0	187.43	211.2	PASS
Band26	QPSK	15	26915	12RB#0	187.16	202.3	PASS
Band26	QPSK	15	27038	12RB#0	189.71	211.0	PASS



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Test Report No.: W7L-240204W001RF01

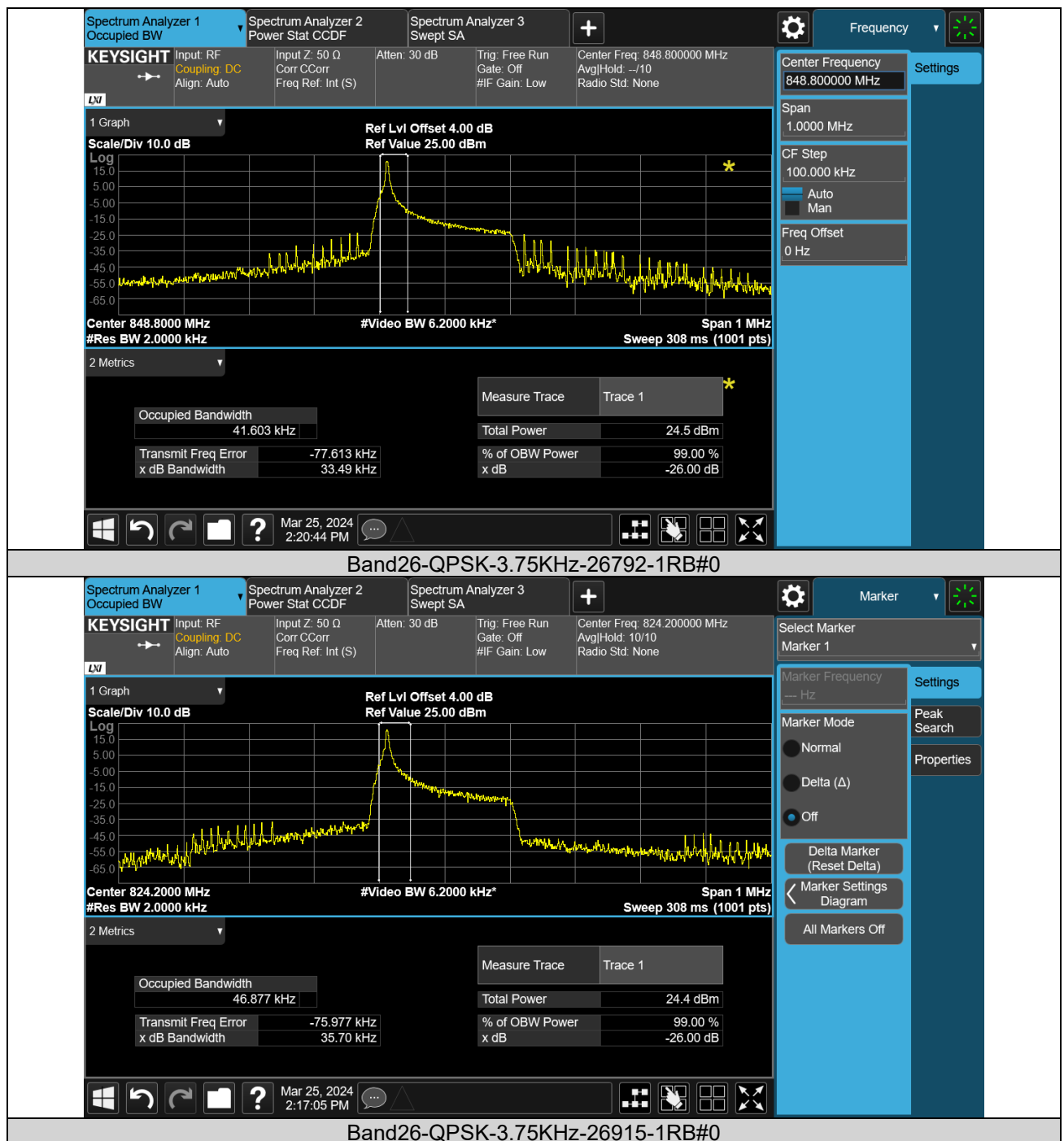
Test Graphs





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VERITAS

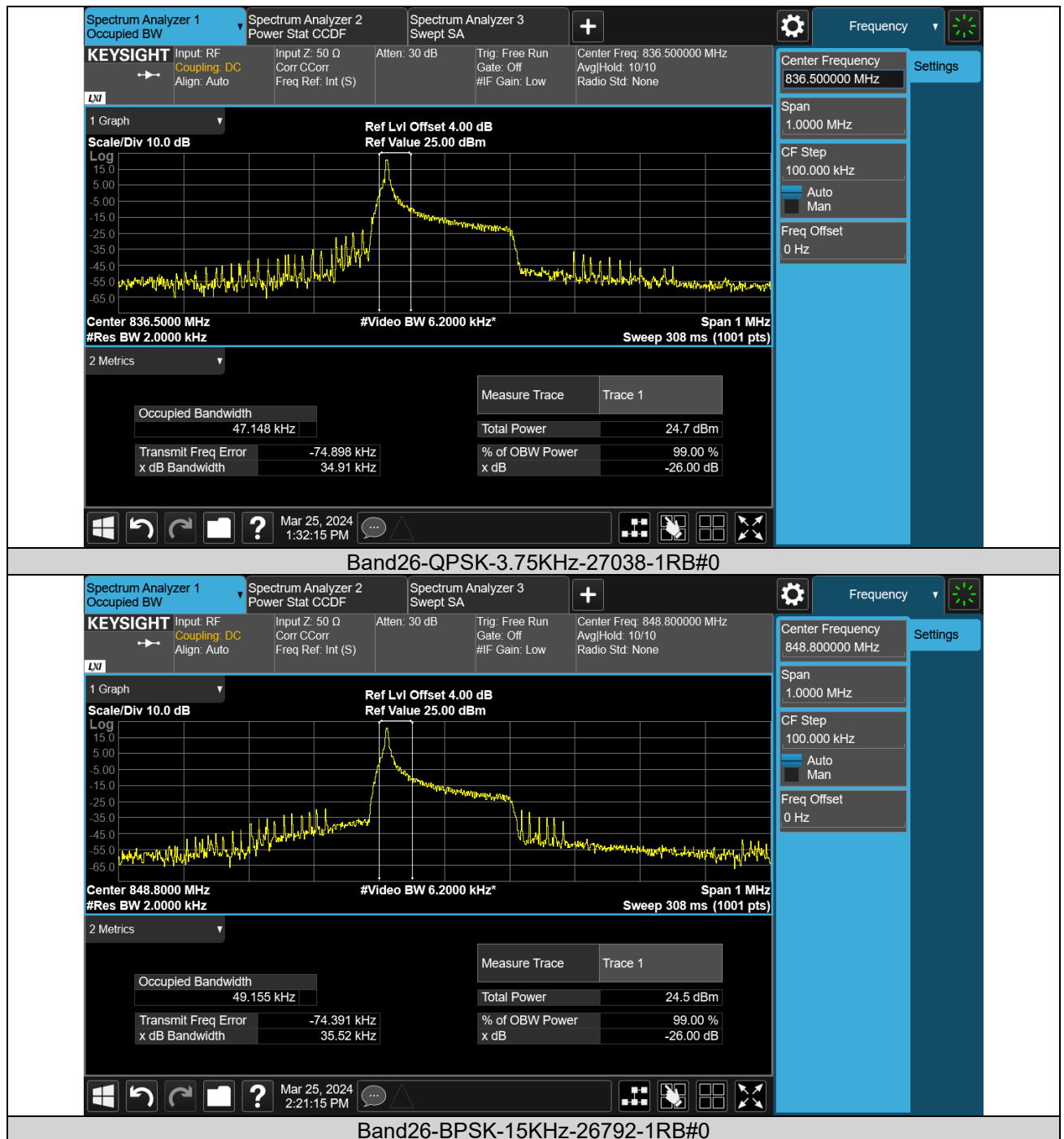
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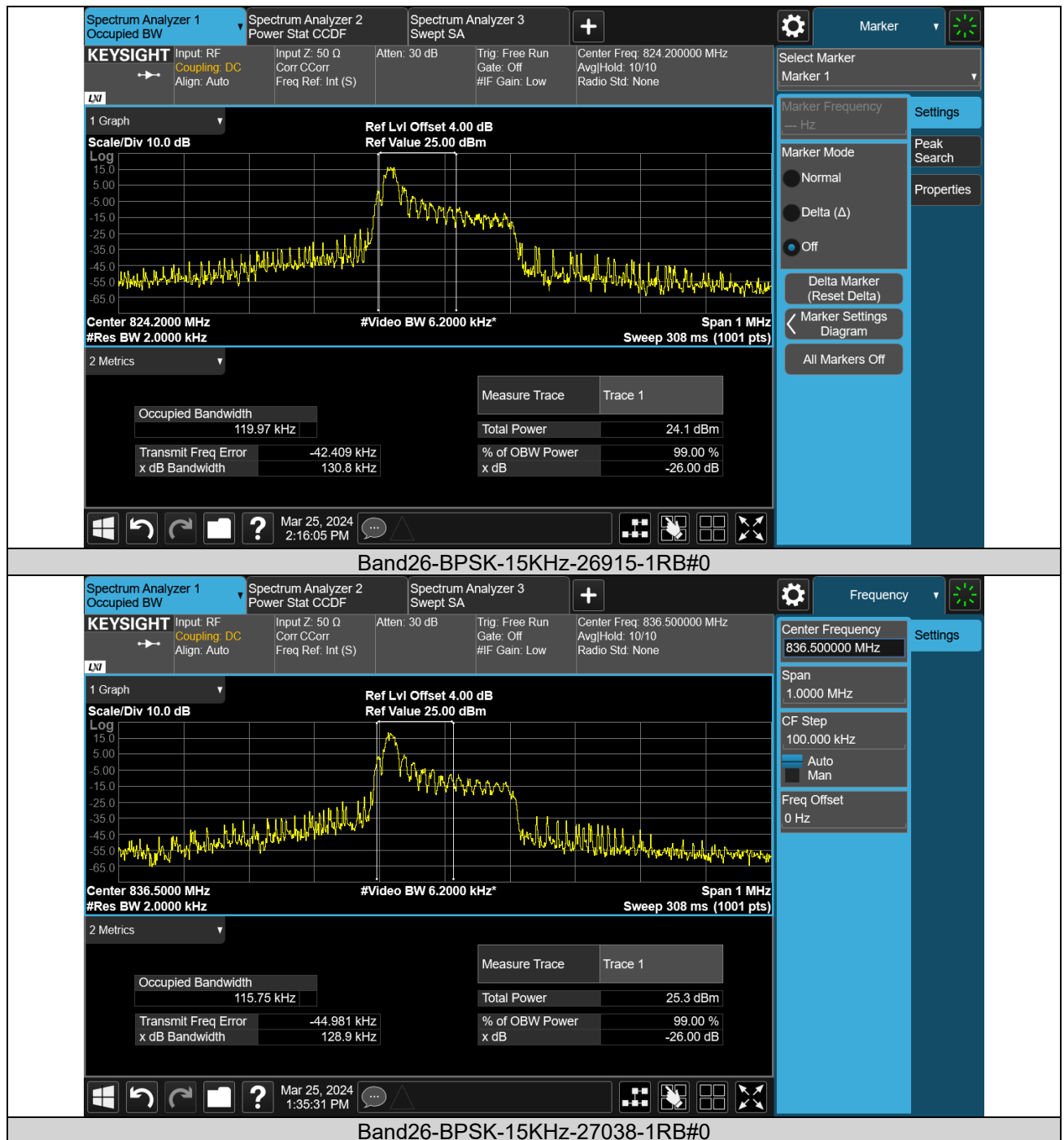
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VERITAS

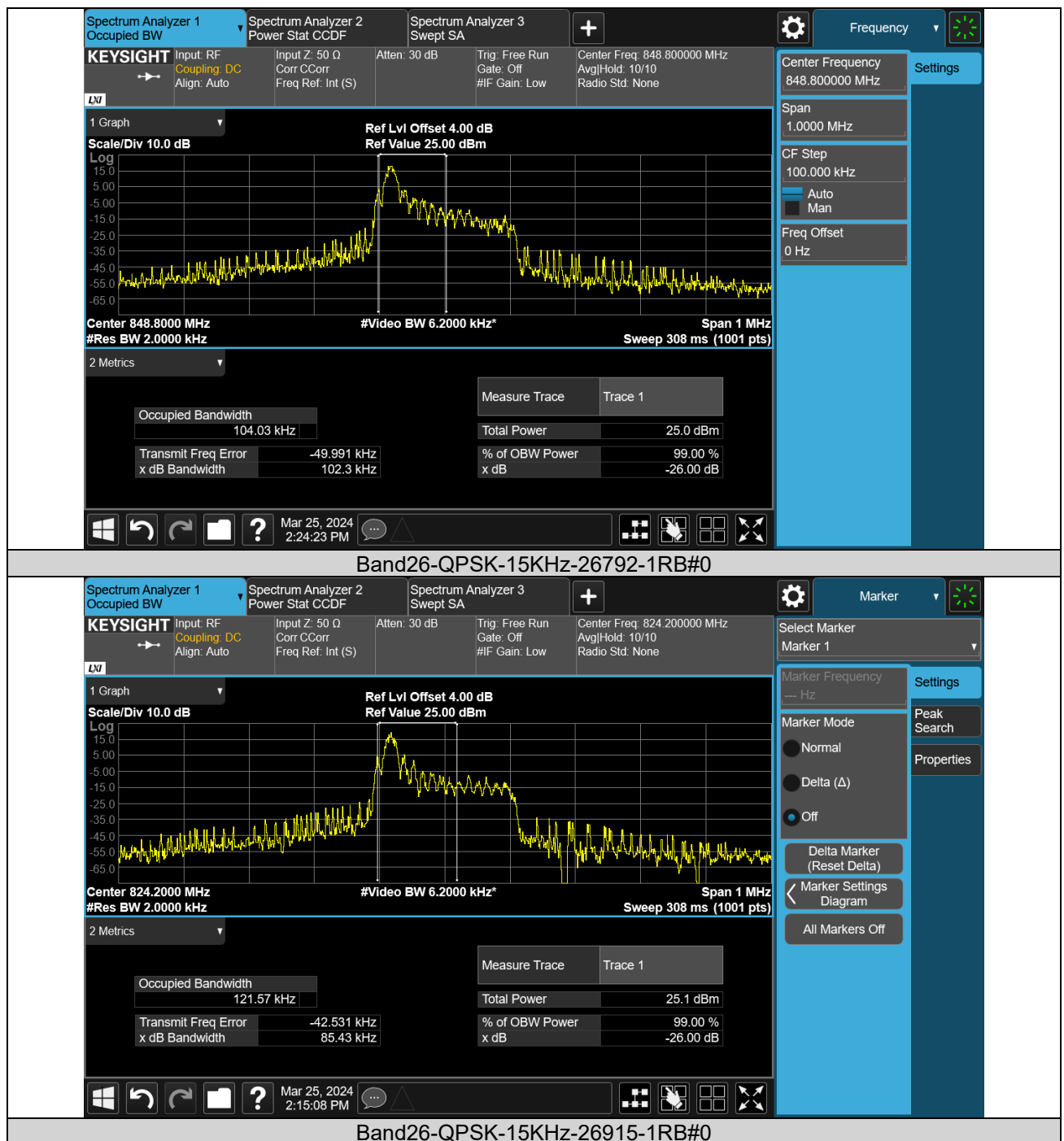
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VERITAS

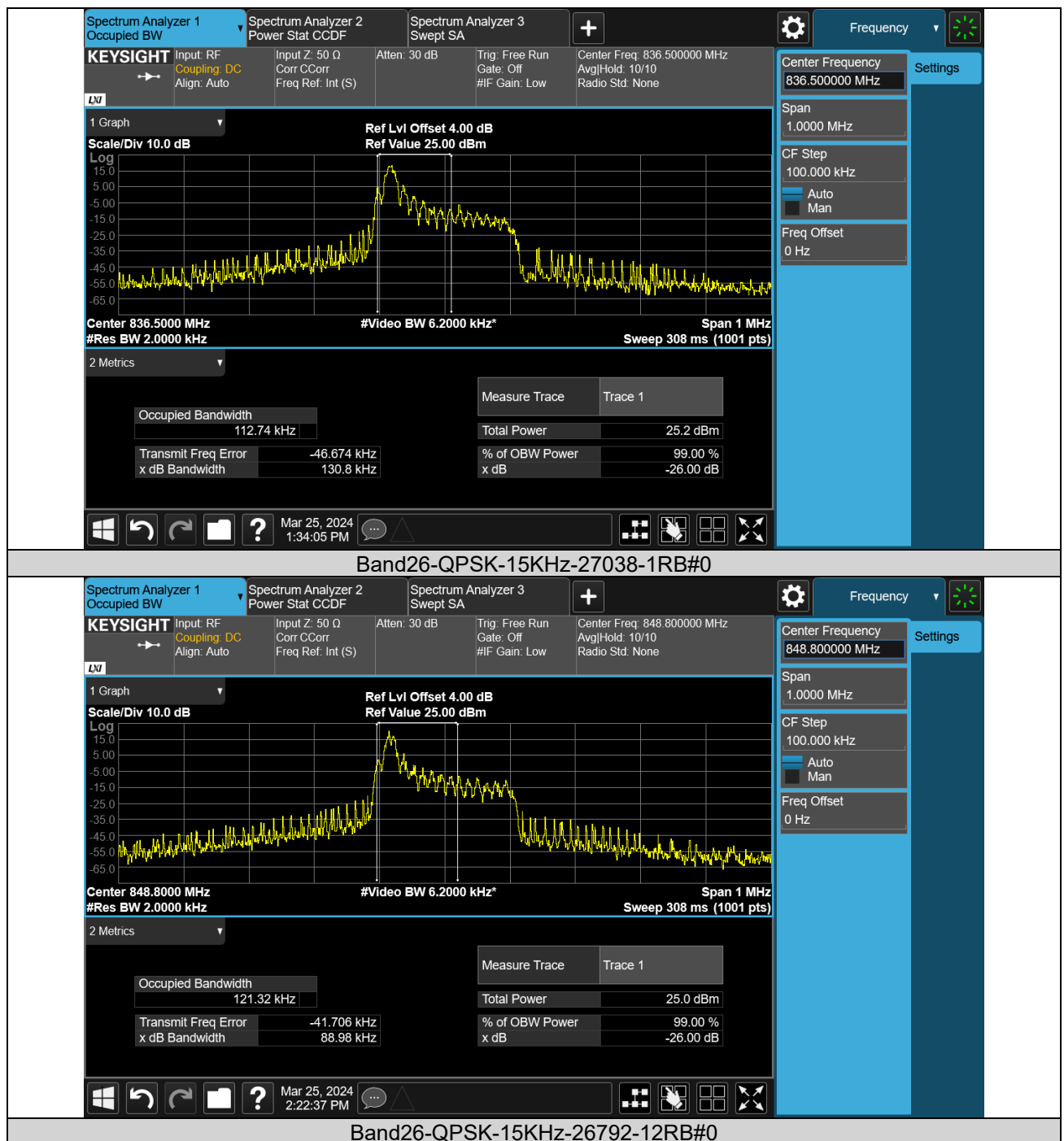
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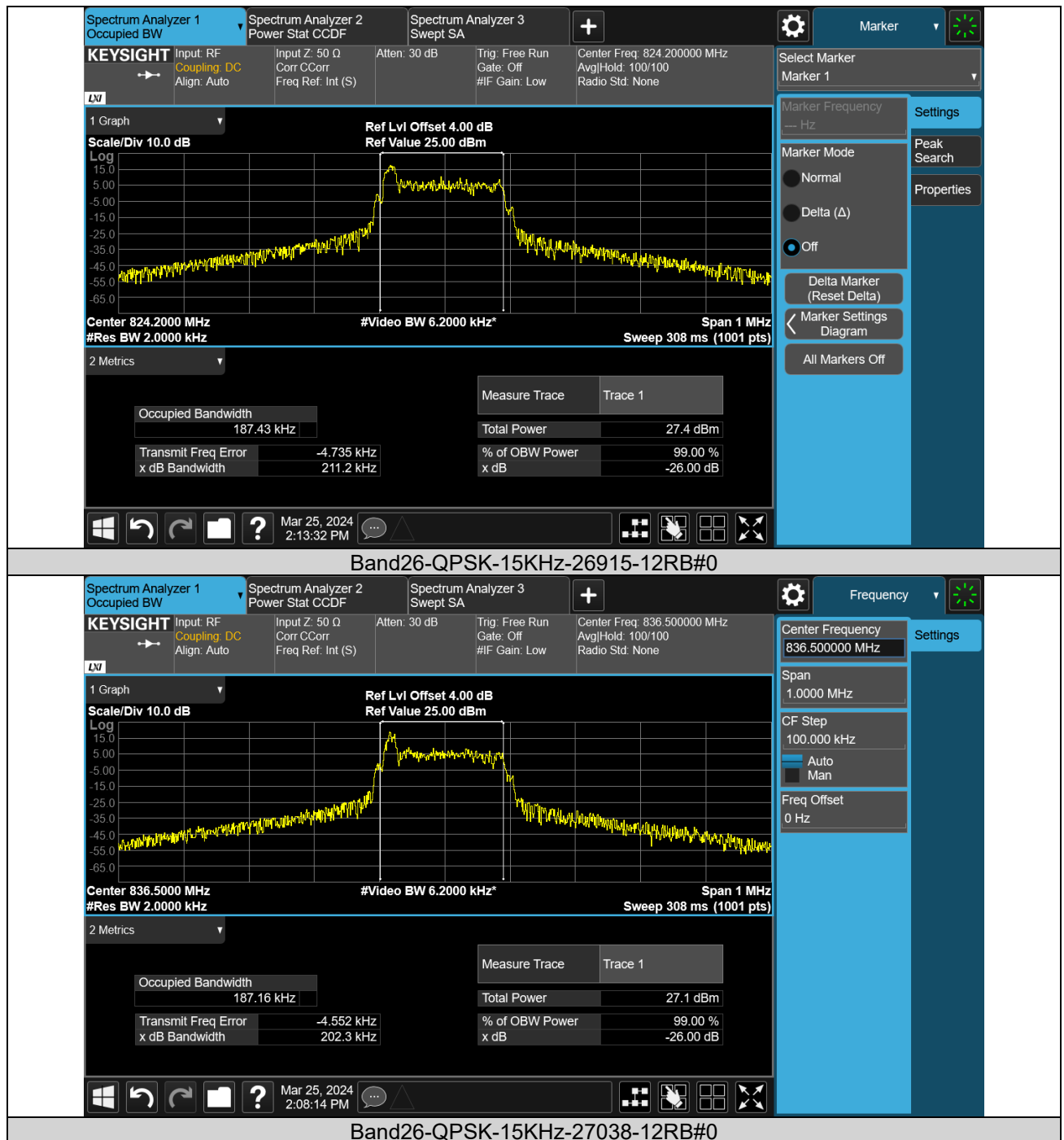
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Test Report No.: W7L-240204W001RF01





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Test Report No.: W7L-240204W001RF01

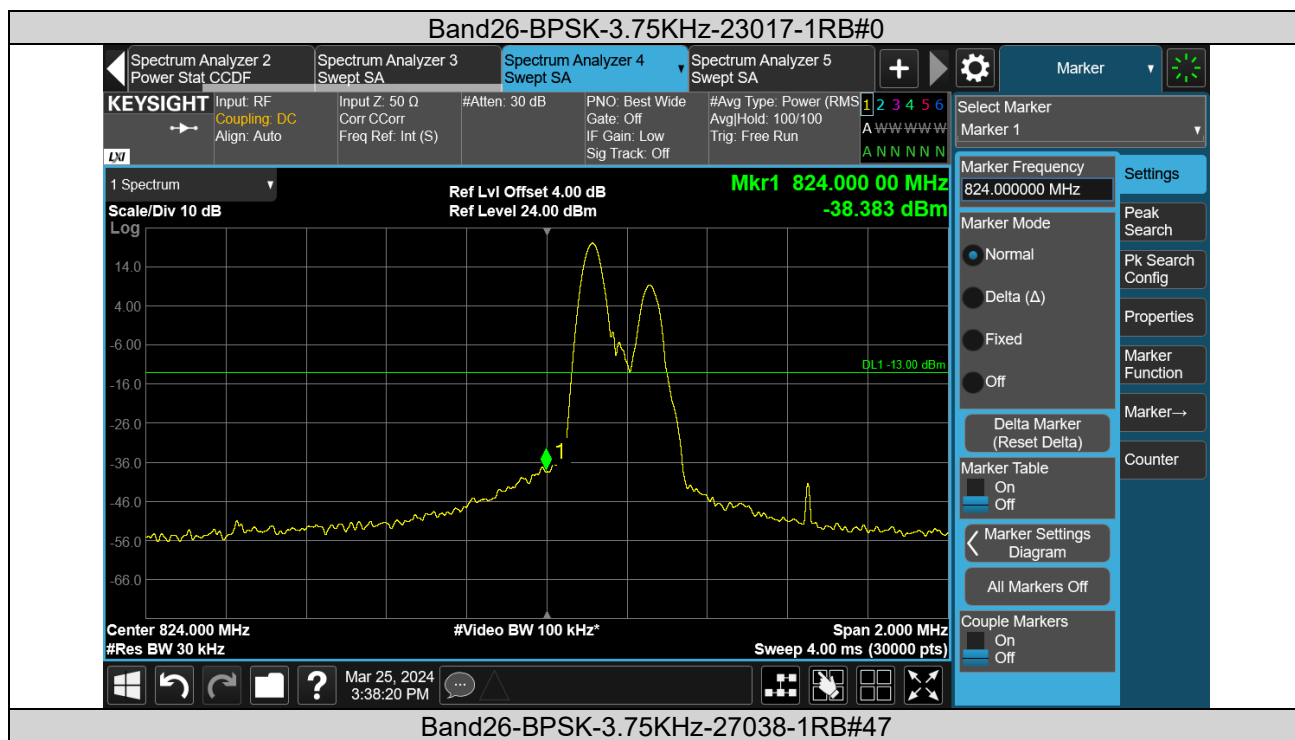


BAND EDGE

Test Result

Band	Modulation	Sub-carrier spacing(KHz)	Channel	Ntones	Result(dBm)	Verdict
Band26	BPSK	3.75	26792	1RB#0	See Graph	PASS
Band26	BPSK	3.75	27038	1RB#47	See Graph	PASS
Band26	QPSK	3.75	26792	1RB#0	See Graph	PASS
Band26	QPSK	3.75	27038	1RB#47	See Graph	PASS
Band26	BPSK	15	26792	1RB#0	See Graph	PASS
Band26	BPSK	15	27038	1RB#11	See Graph	PASS
Band26	QPSK	15	26792	1RB#0	See Graph	PASS
Band26	QPSK	15	27038	1RB#11	See Graph	PASS
Band26	QPSK	15	26792	12RB#0	See Graph	PASS
Band26	QPSK	15	27038	12RB#0	See Graph	PASS

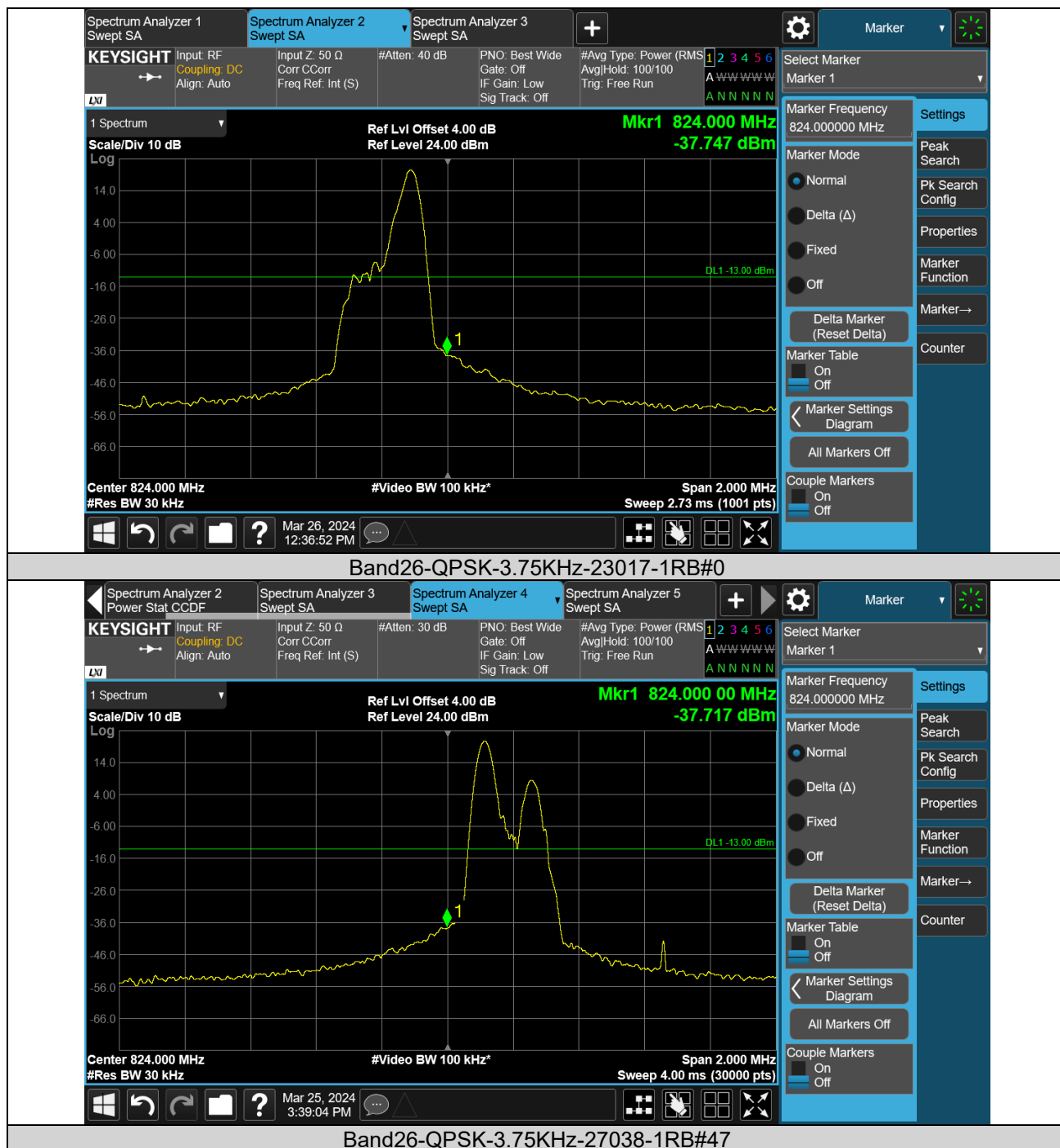
Test Graphs





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VERITAS

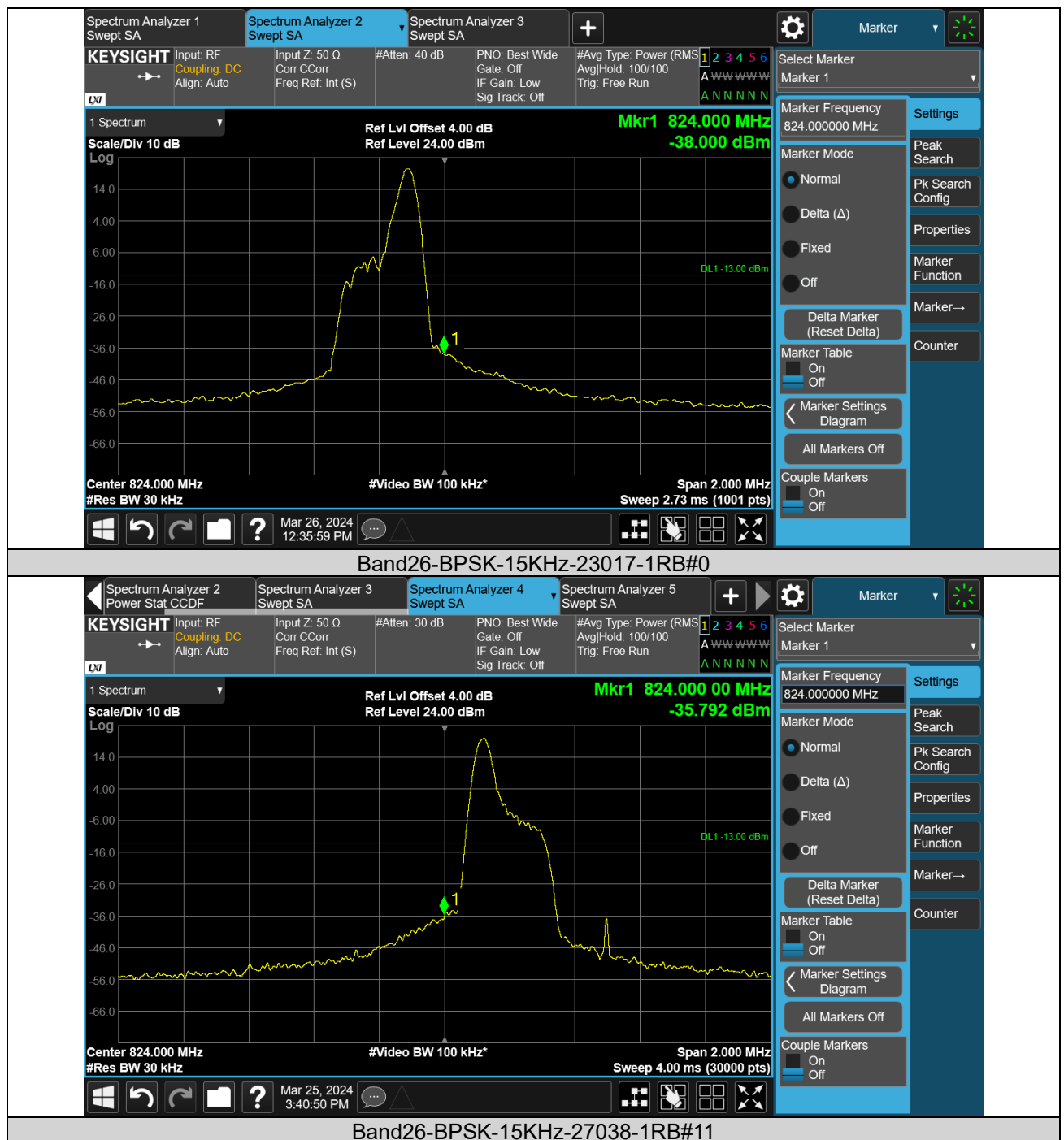
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VERITAS

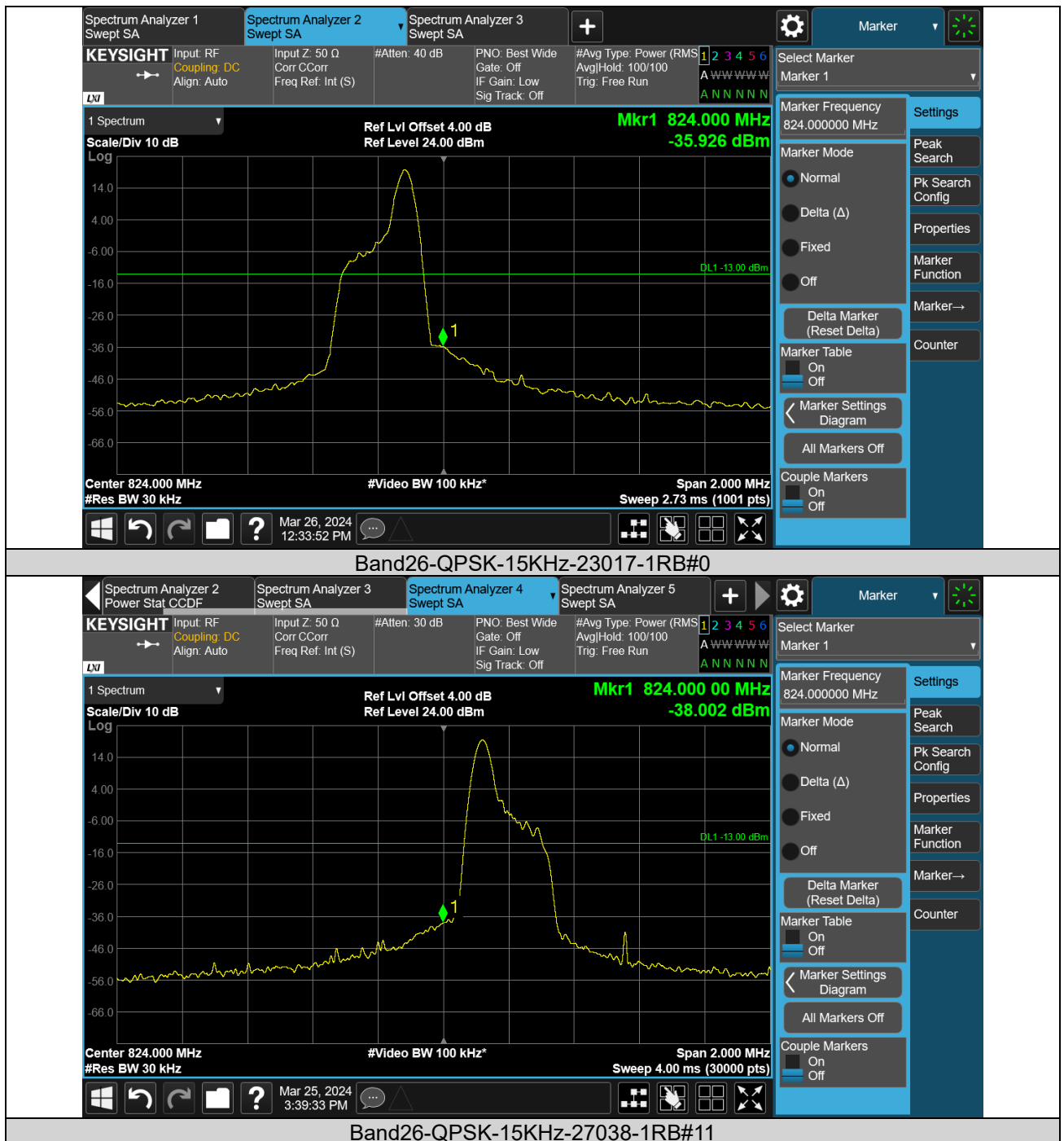
Test Report No.: W7L-240204W001RF01





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VERITAS

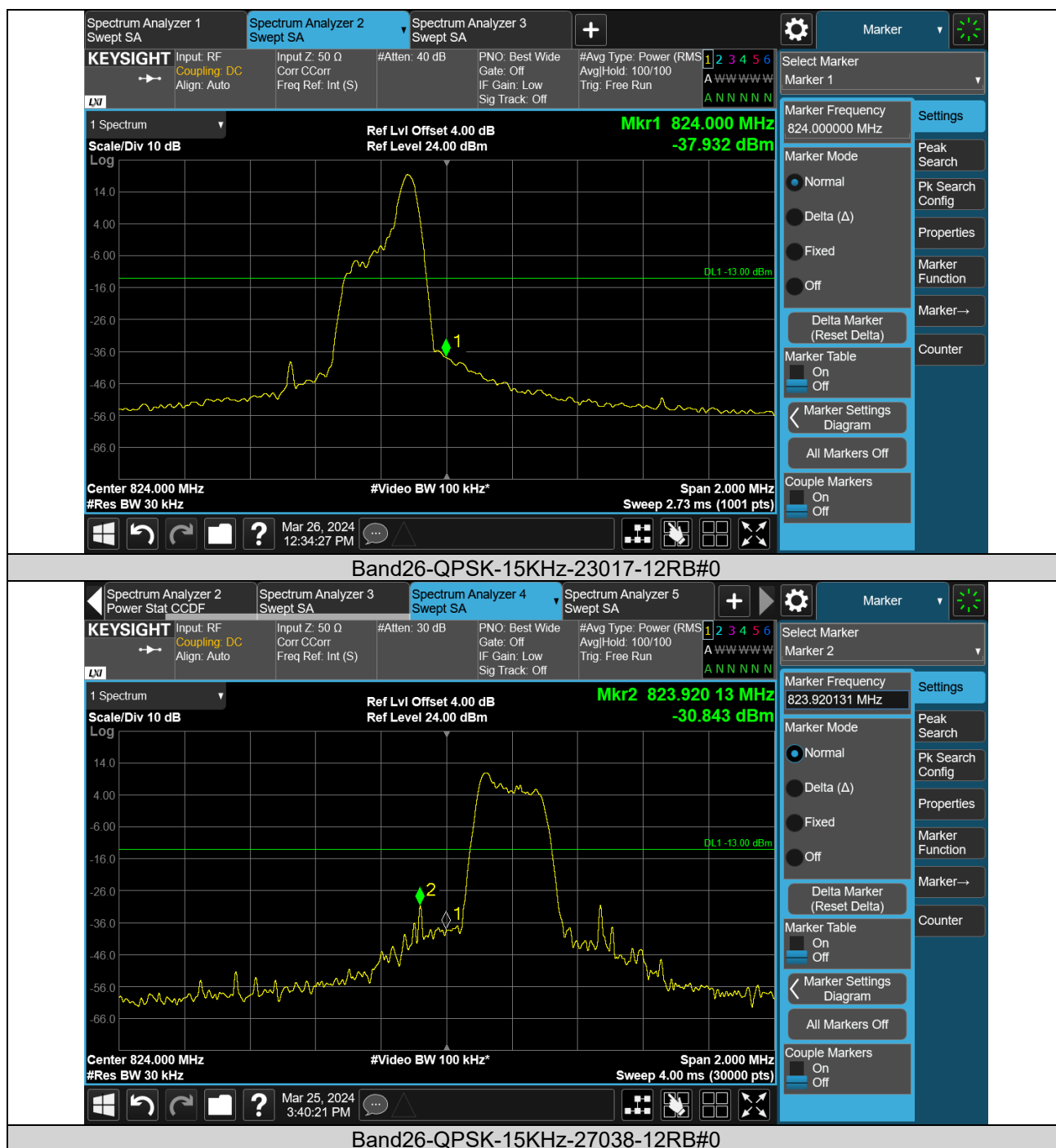
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VERITAS

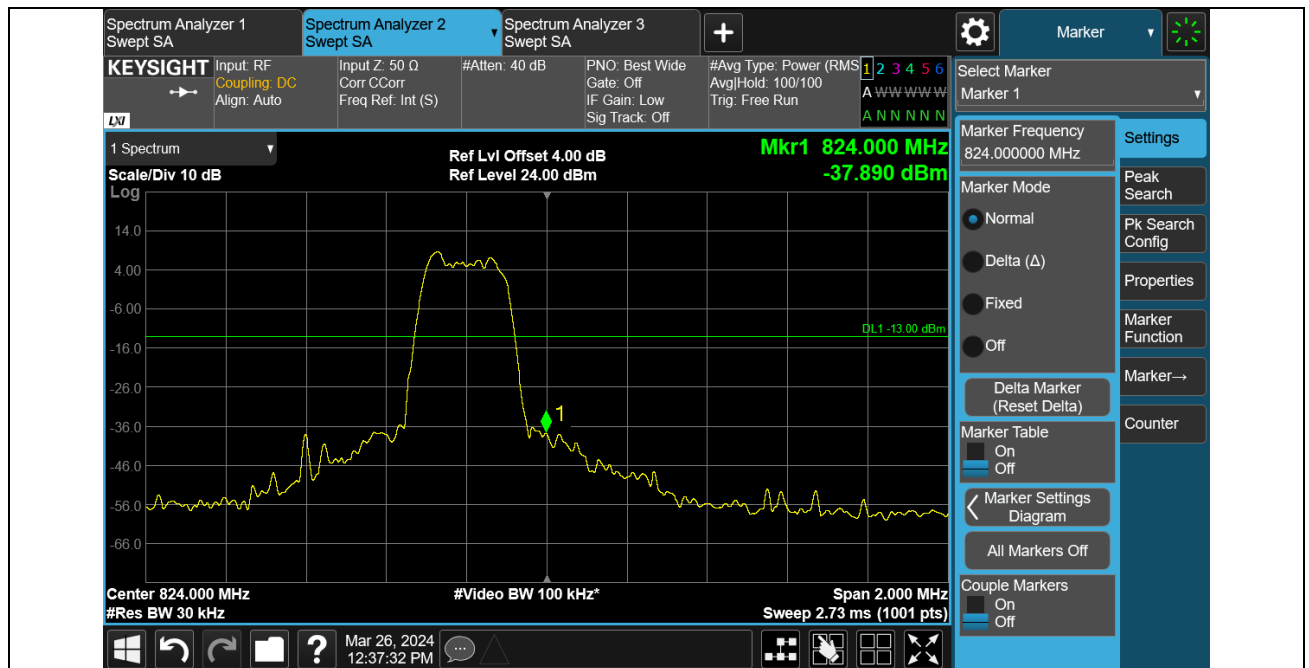
Test Report No.: W7L-240204W001RF01





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VERITAS

Test Report No.: W7L-240204W001RF01



CONDUCTED SPURIOUS EMISSION

Test Result

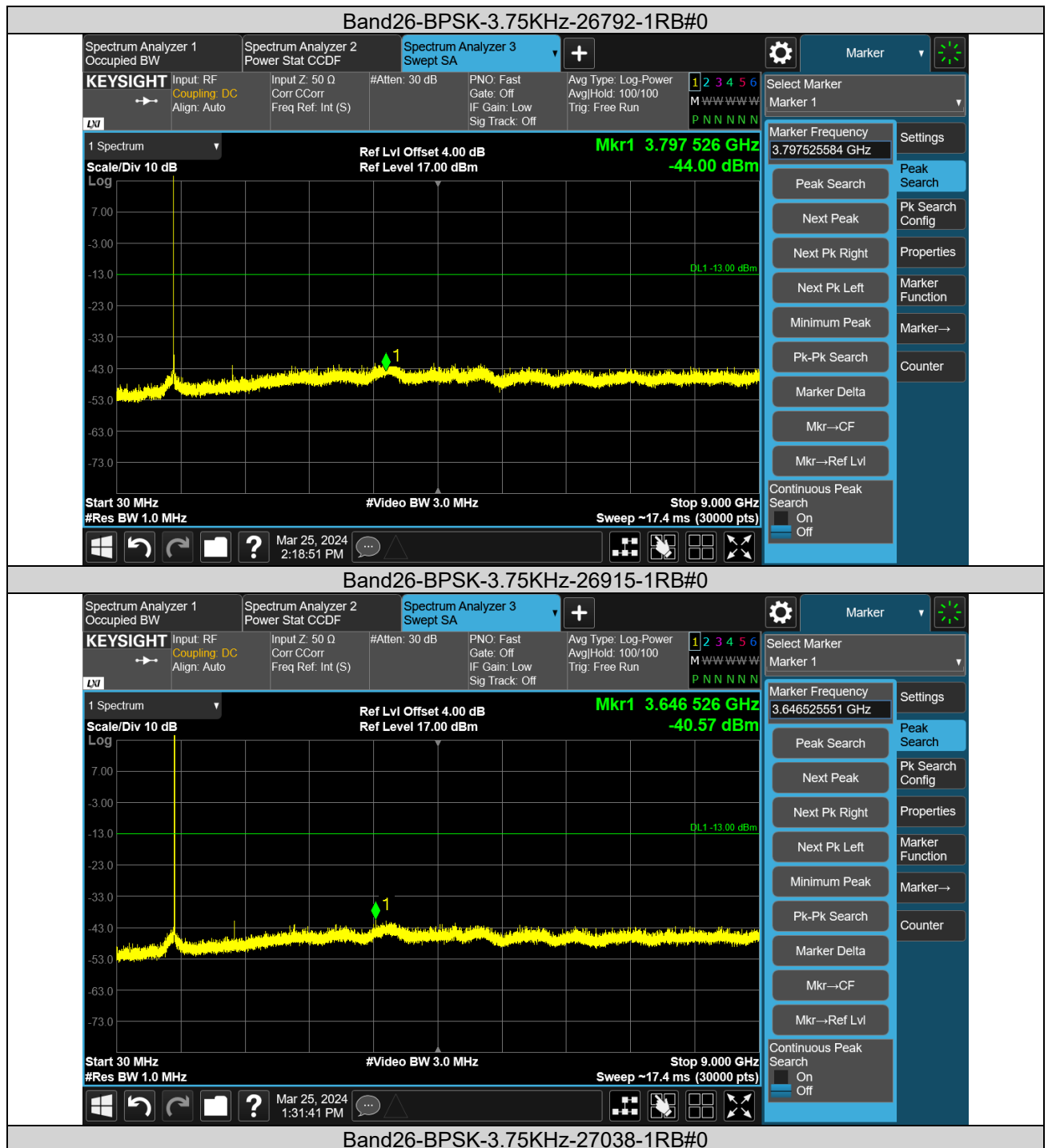
Band	Modulation	Sub-carrier spacing(KHz)	Channel	Ntones	Frequency Range	Result (dBm)	Verdict
Band26	BPSK	3.75	26792	1RB#0	Range:30M~9000M	See Graph	PASS
Band26	BPSK	3.75	26915	1RB#0	Range:30M~9000M	See Graph	PASS
Band26	BPSK	3.75	27038	1RB#0	Range:30M~9000M	See Graph	PASS
Band26	QPSK	3.75	26792	1RB#0	Range:30M~9000M	See Graph	PASS
Band26	QPSK	3.75	26915	1RB#0	Range:30M~9000M	See Graph	PASS
Band26	QPSK	3.75	27038	1RB#0	Range:30M~9000M	See Graph	PASS
Band26	BPSK	15	26792	1RB#0	Range:30M~9000M	See Graph	PASS
Band26	BPSK	15	26915	1RB#0	Range:30M~9000M	See Graph	PASS
Band26	BPSK	15	27038	1RB#0	Range:30M~9000M	See Graph	PASS
Band26	QPSK	15	26792	1RB#0	Range:30M~9000M	See Graph	PASS
Band26	QPSK	15	26915	1RB#0	Range:30M~9000M	See Graph	PASS
Band26	QPSK	15	27038	1RB#0	Range:30M~9000M	See Graph	PASS
Band26	QPSK	15	26792	12RB#0	Range:30M~9000M	See Graph	PASS
Band26	QPSK	15	26915	12RB#0	Range:30M~9000M	See Graph	PASS
Band26	QPSK	15	27038	12RB#0	Range:30M~9000M	See Graph	PASS



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VERITAS

Test Report No.: W7L-240204W001RF01

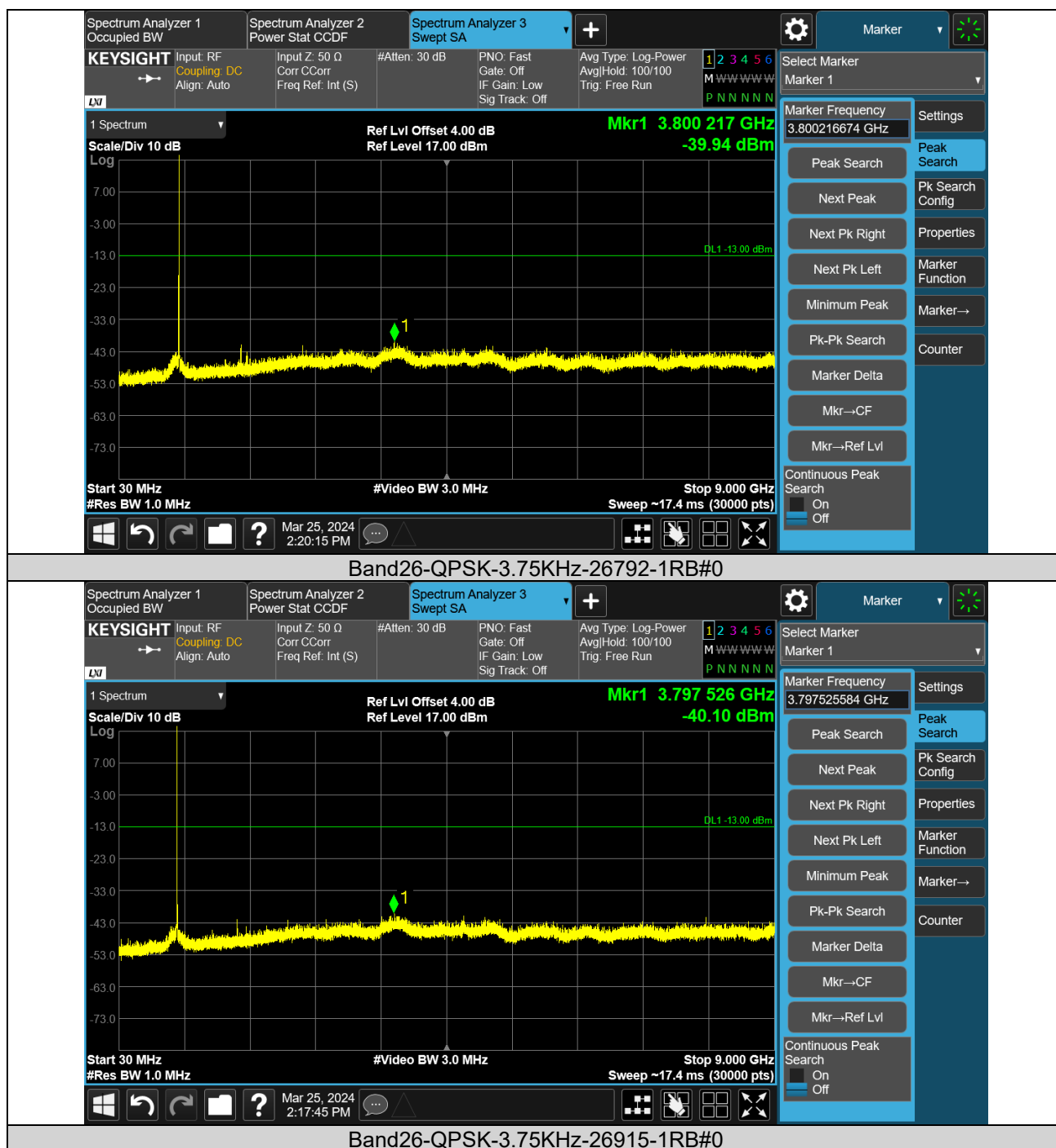
Test Graphs





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VERITAS

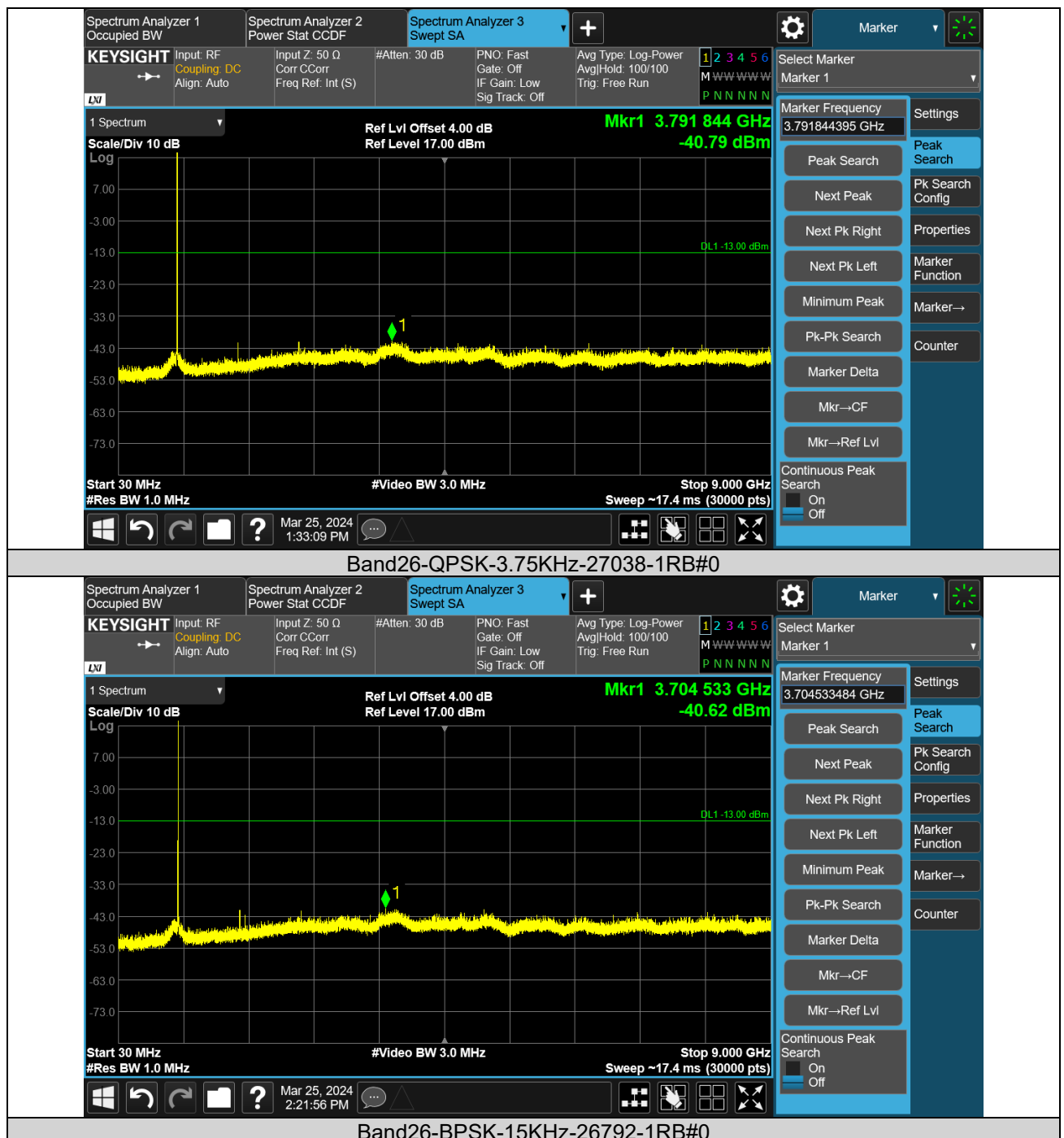
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VERITAS

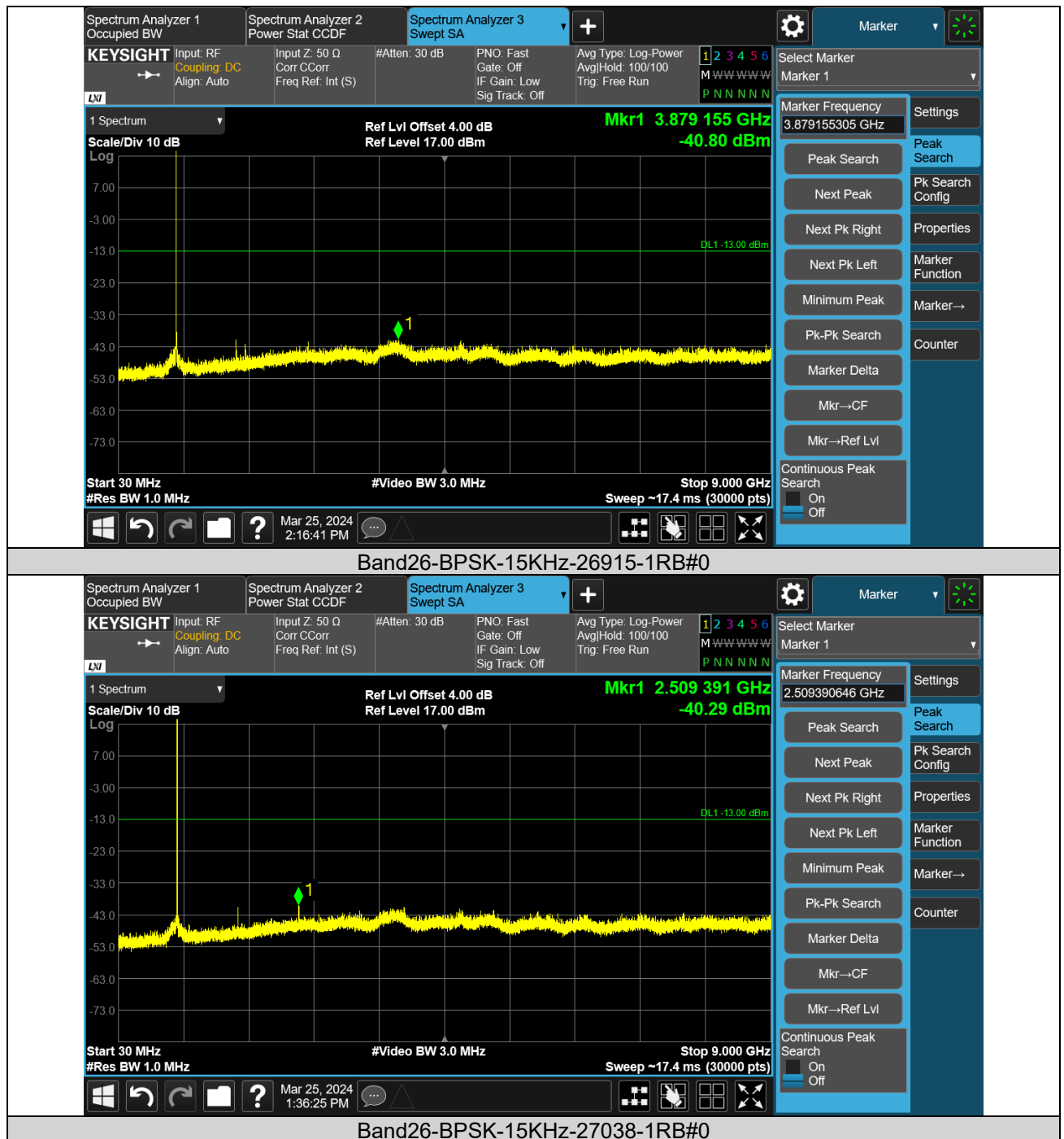
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VERITAS

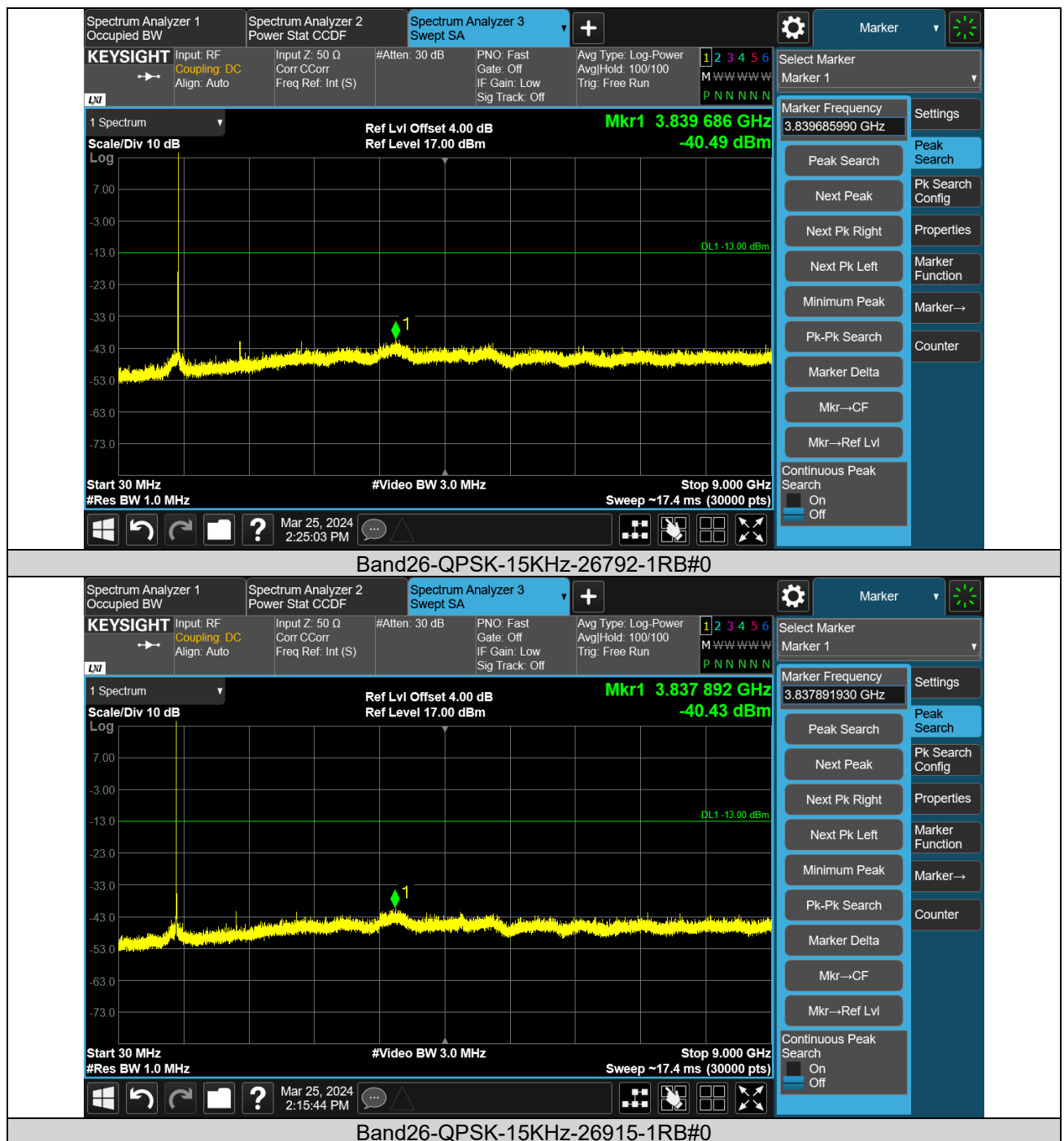
Test Report No.: W7L-240204W001RF01





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VERITAS

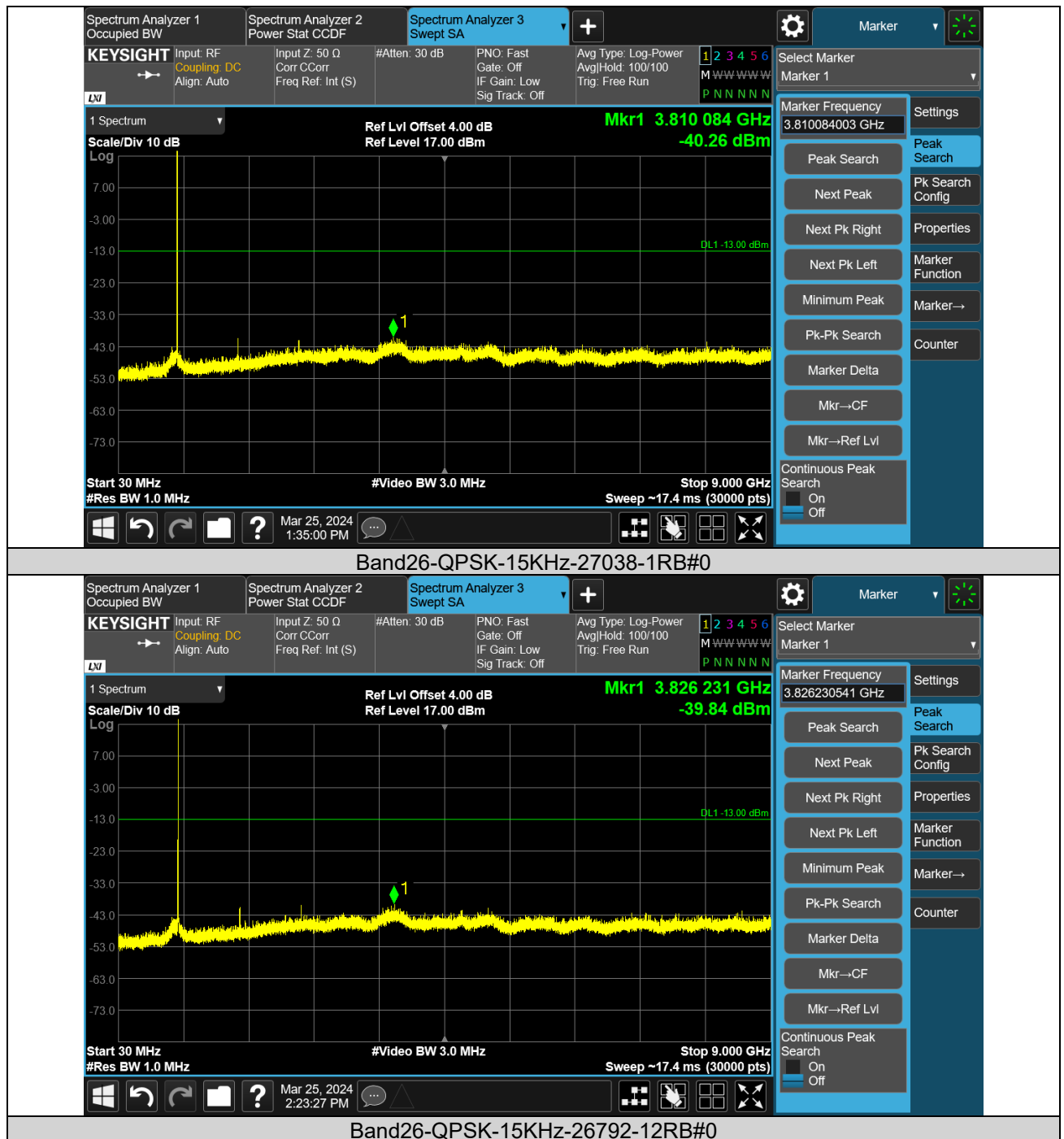
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VERITAS

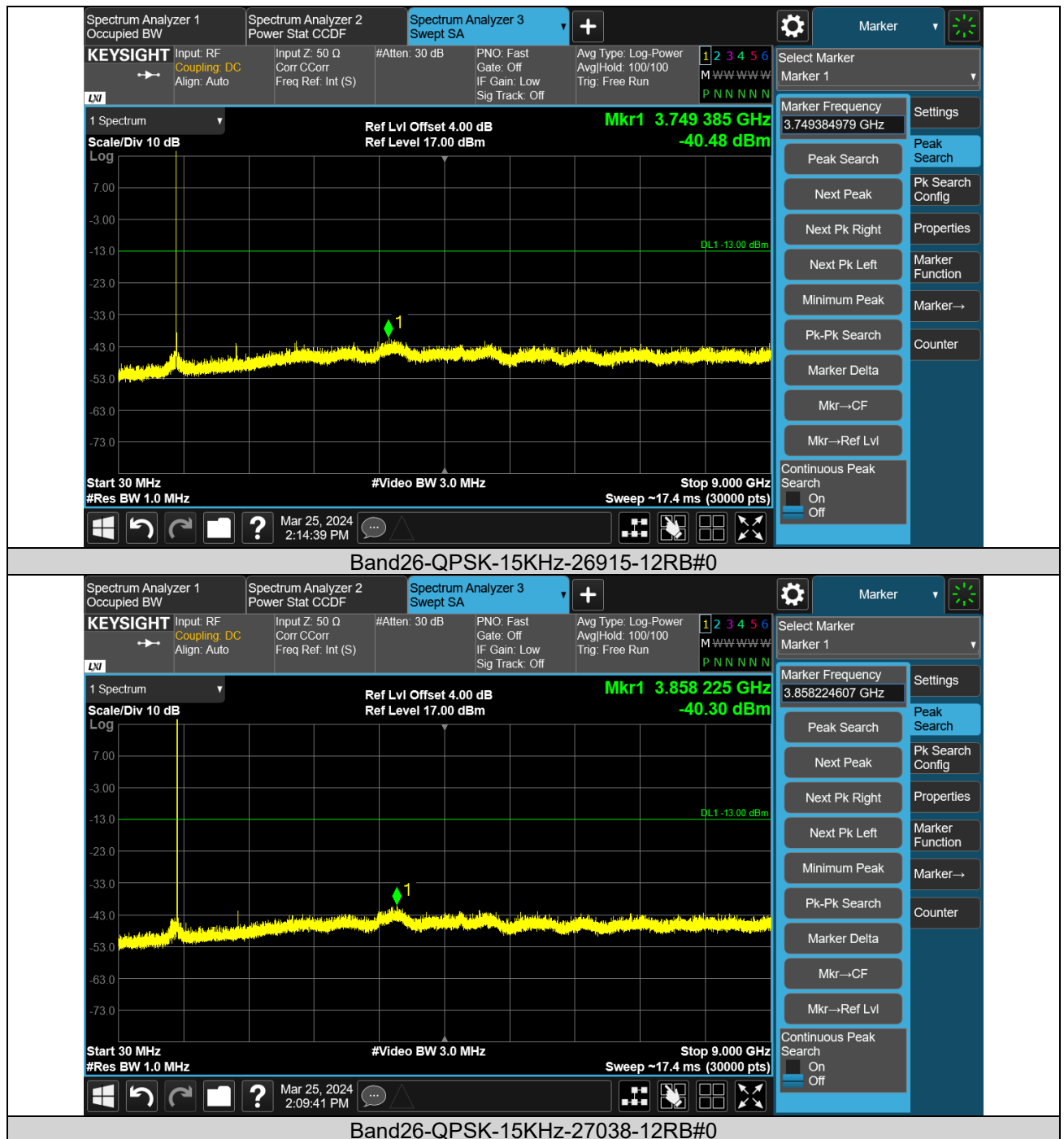
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VERITAS

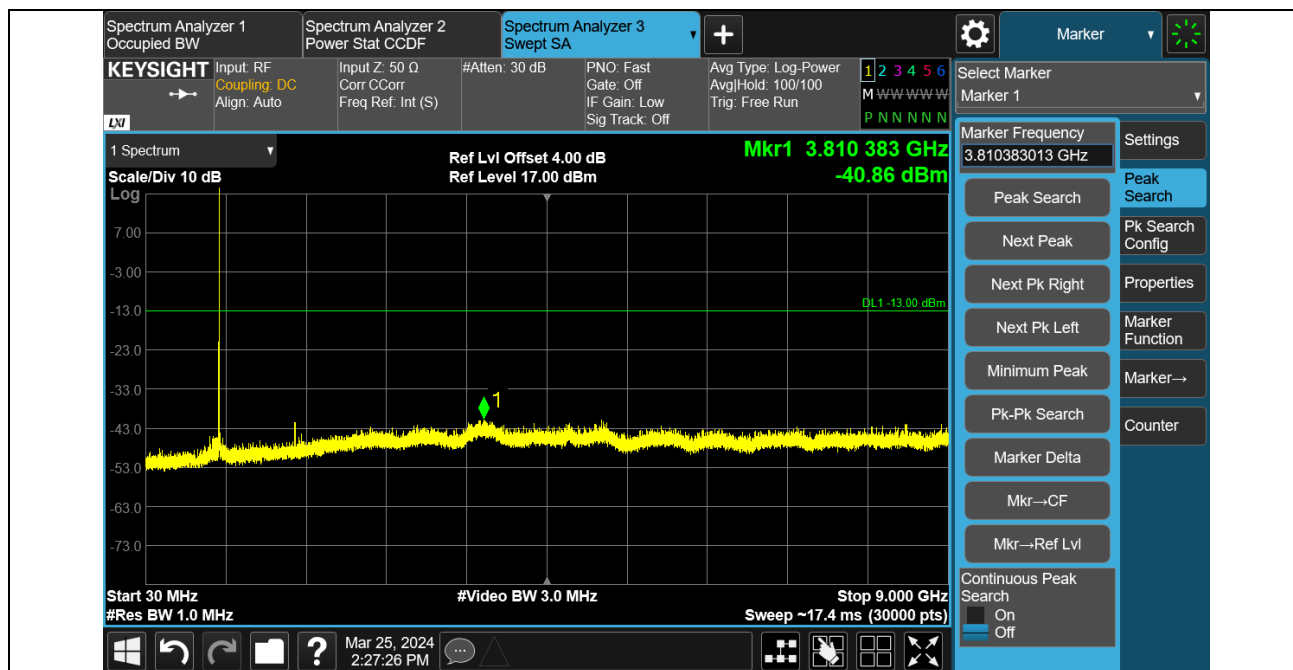
Test Report No.: W7L-240204W001RF01





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Test Report No.: W7L-240204W001RF01



FREQUENCY STABILITY

Test Result

Voltage								
Band	Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band26	QPSK	26915	VL	NT	12.6	0.000469	±2.5	PASS
Band26	QPSK	26915	VN	NT	-24.7	-0.000919	±2.5	PASS
Band26	QPSK	26915	VH	NT	-10.9	-0.000406	±2.5	PASS
Band26	BPSK	26915	VL	NT	13.8	0.000513	±2.5	PASS
Band26	BPSK	26915	VN	NT	-24	-0.000892	±2.5	PASS
Band26	BPSK	26915	VH	NT	18.4	0.000684	±2.5	PASS

Temperature								
Band	Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band26	QPSK	26915	NV	-30	-9.7	-0.000361	±2.5	PASS
Band26	QPSK	26915	NV	-20	-21.9	-0.000815	±2.5	PASS
Band26	QPSK	26915	NV	-10	3.8	0.000141	±2.5	PASS
Band26	QPSK	26915	NV	0	9.3	0.000346	±2.5	PASS
Band26	QPSK	26915	NV	10	-12.7	-0.000473	±2.5	PASS
Band26	QPSK	26915	NV	20	-14.3	-0.000532	±2.5	PASS
Band26	QPSK	26915	NV	30	-7.3	-0.000272	±2.5	PASS
Band26	QPSK	26915	NV	40	-16.3	-0.000607	±2.5	PASS
Band26	QPSK	26915	NV	50	14.8	0.000551	±2.5	PASS
Band26	BPSK	26915	NV	-30	6.4	0.000238	±2.5	PASS
Band26	BPSK	26915	NV	-20	-0.9	-0.000033	±2.5	PASS
Band26	BPSK	26915	NV	-10	20.5	0.000762	±2.5	PASS
Band26	BPSK	26915	NV	0	20.1	0.000747	±2.5	PASS
Band26	BPSK	26915	NV	10	-9.7	-0.000360	±2.5	PASS
Band26	BPSK	26915	NV	20	19.4	0.000721	±2.5	PASS
Band26	BPSK	26915	NV	30	19.5	0.000725	±2.5	PASS
Band26	BPSK	26915	NV	40	-23.1	-0.000858	±2.5	PASS
Band26	BPSK	26915	NV	50	-15.6	-0.000580	±2.5	PASS

---END---