

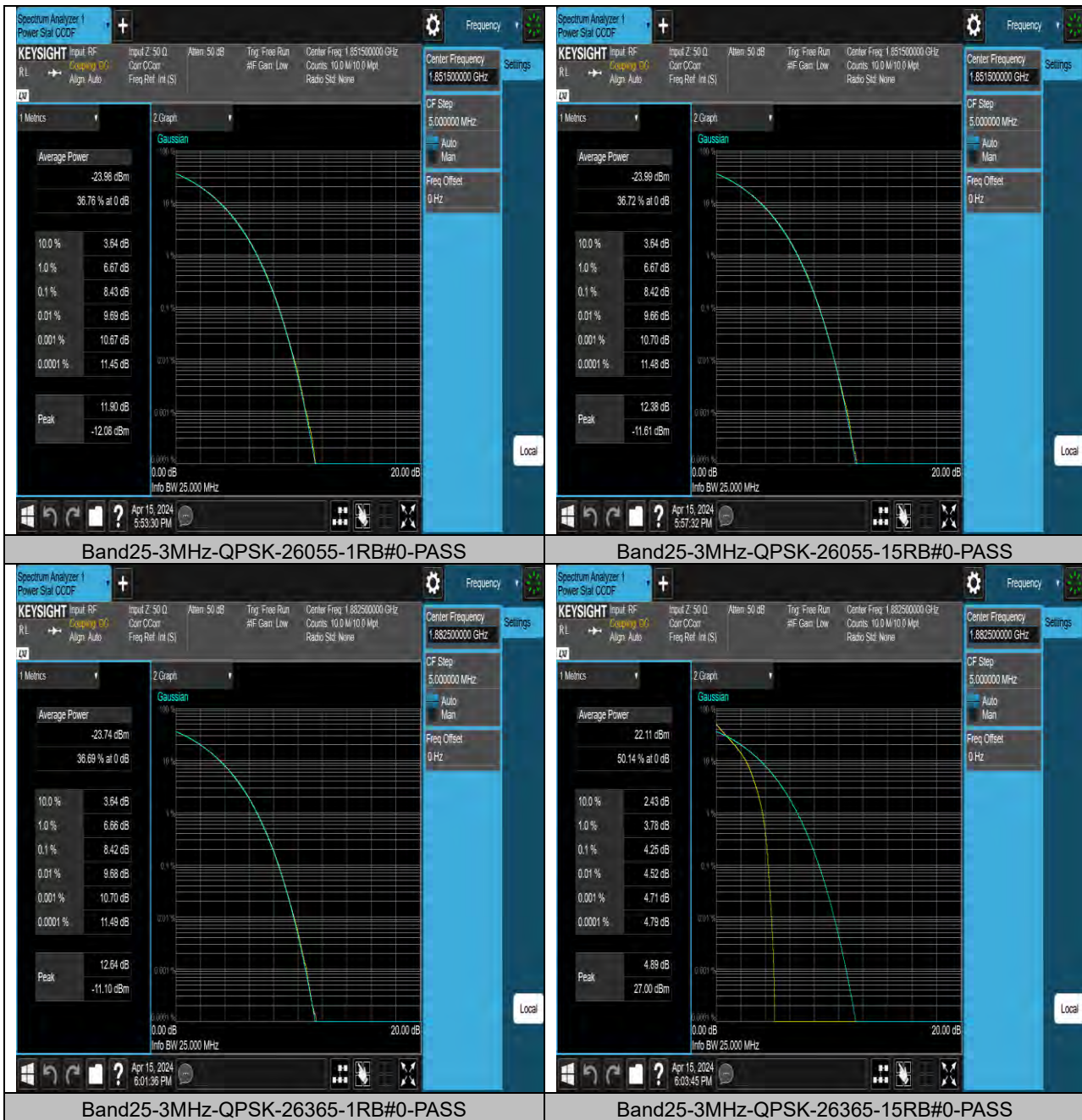
APPENDIX G

LTE BAND 25

PEAK-TO-AVERAGE RATIO(CCDF) TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band25	3MHz	QPSK	26055	1RB#0	8.43	13	PASS
Band25	3MHz	QPSK	26055	15RB#0	8.42	13	PASS
Band25	3MHz	QPSK	26365	1RB#0	8.42	13	PASS
Band25	3MHz	QPSK	26365	15RB#0	4.25	13	PASS
Band25	3MHz	QPSK	26675	1RB#0	2.95	13	PASS
Band25	3MHz	QPSK	26675	15RB#0	3.85	13	PASS
Band25	3MHz	16QAM	26055	1RB#0	8.43	13	PASS
Band25	3MHz	16QAM	26055	15RB#0	8.41	13	PASS
Band25	3MHz	16QAM	26365	1RB#0	4.64	13	PASS
Band25	3MHz	16QAM	26365	15RB#0	5.19	13	PASS
Band25	3MHz	16QAM	26675	1RB#0	4.14	13	PASS
Band25	3MHz	16QAM	26675	15RB#0	4.81	13	PASS
Band25	20MHz	QPSK	26140	1RB#0	3.15	13	PASS
Band25	20MHz	QPSK	26140	100RB#0	4.53	13	PASS
Band25	20MHz	QPSK	26365	1RB#0	3.01	13	PASS
Band25	20MHz	QPSK	26365	100RB#0	4.60	13	PASS
Band25	20MHz	QPSK	26590	1RB#0	3.47	13	PASS
Band25	20MHz	QPSK	26590	100RB#0	6.36	13	PASS
Band25	20MHz	16QAM	26140	1RB#0	4.55	13	PASS
Band25	20MHz	16QAM	26140	100RB#0	5.32	13	PASS
Band25	20MHz	16QAM	26365	1RB#0	4.37	13	PASS
Band25	20MHz	16QAM	26365	100RB#0	5.32	13	PASS
Band25	20MHz	16QAM	26590	1RB#0	6.16	13	PASS
Band25	20MHz	16QAM	26590	100RB#0	5.42	13	PASS

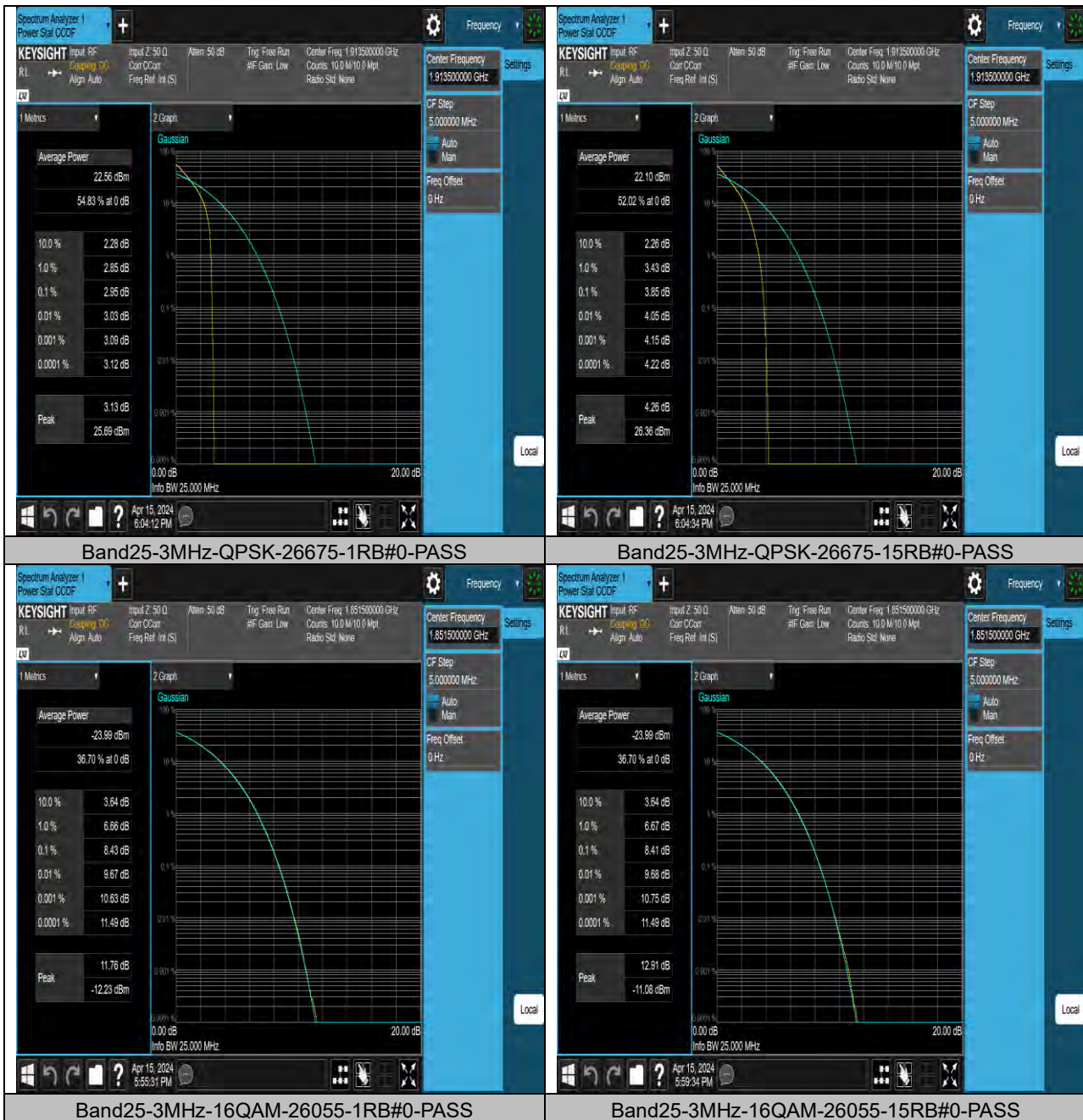
TEST GRAPHS





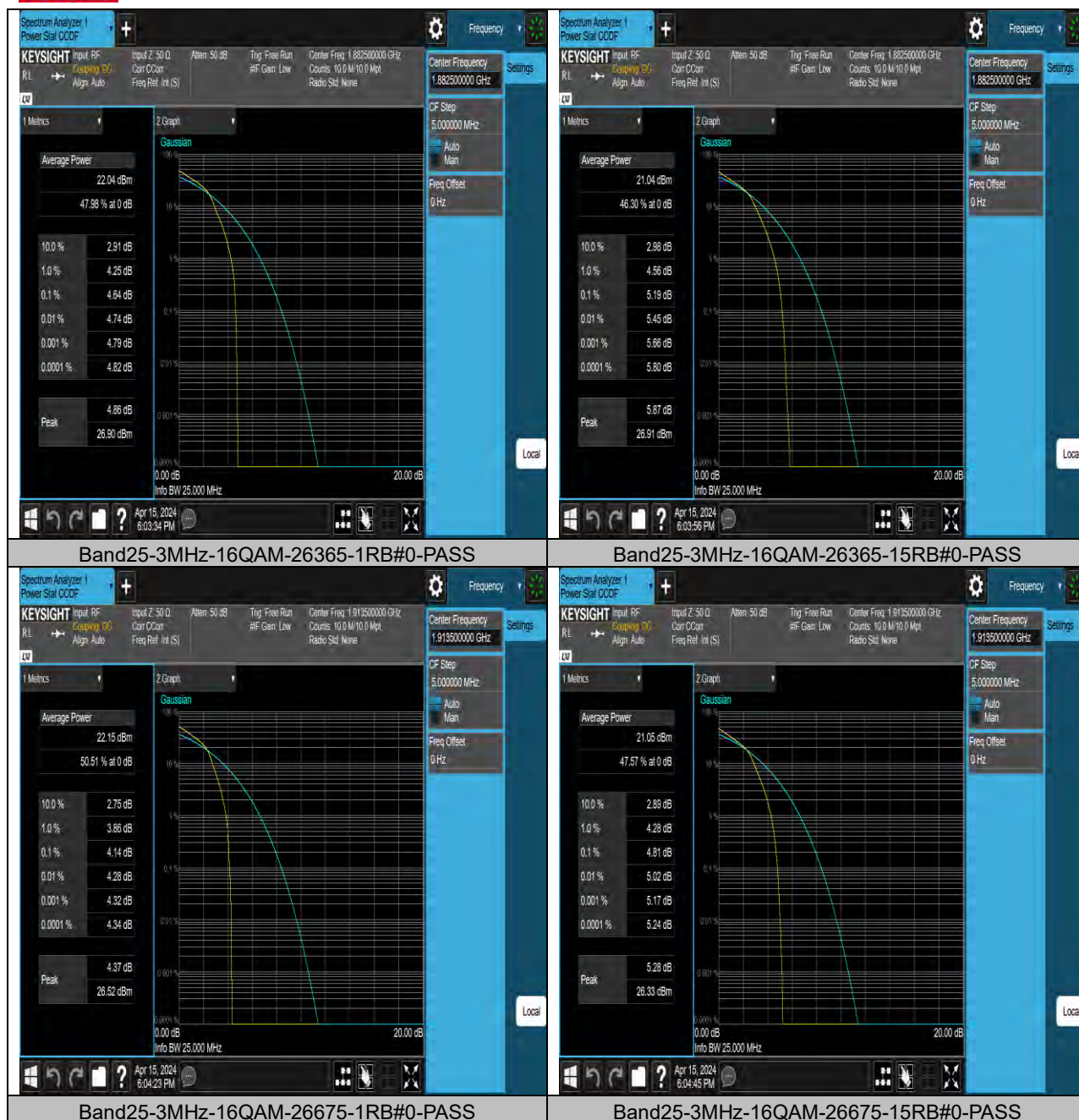
BUREAU
VERITAS

Reference No.: W7L-P24030018RF05





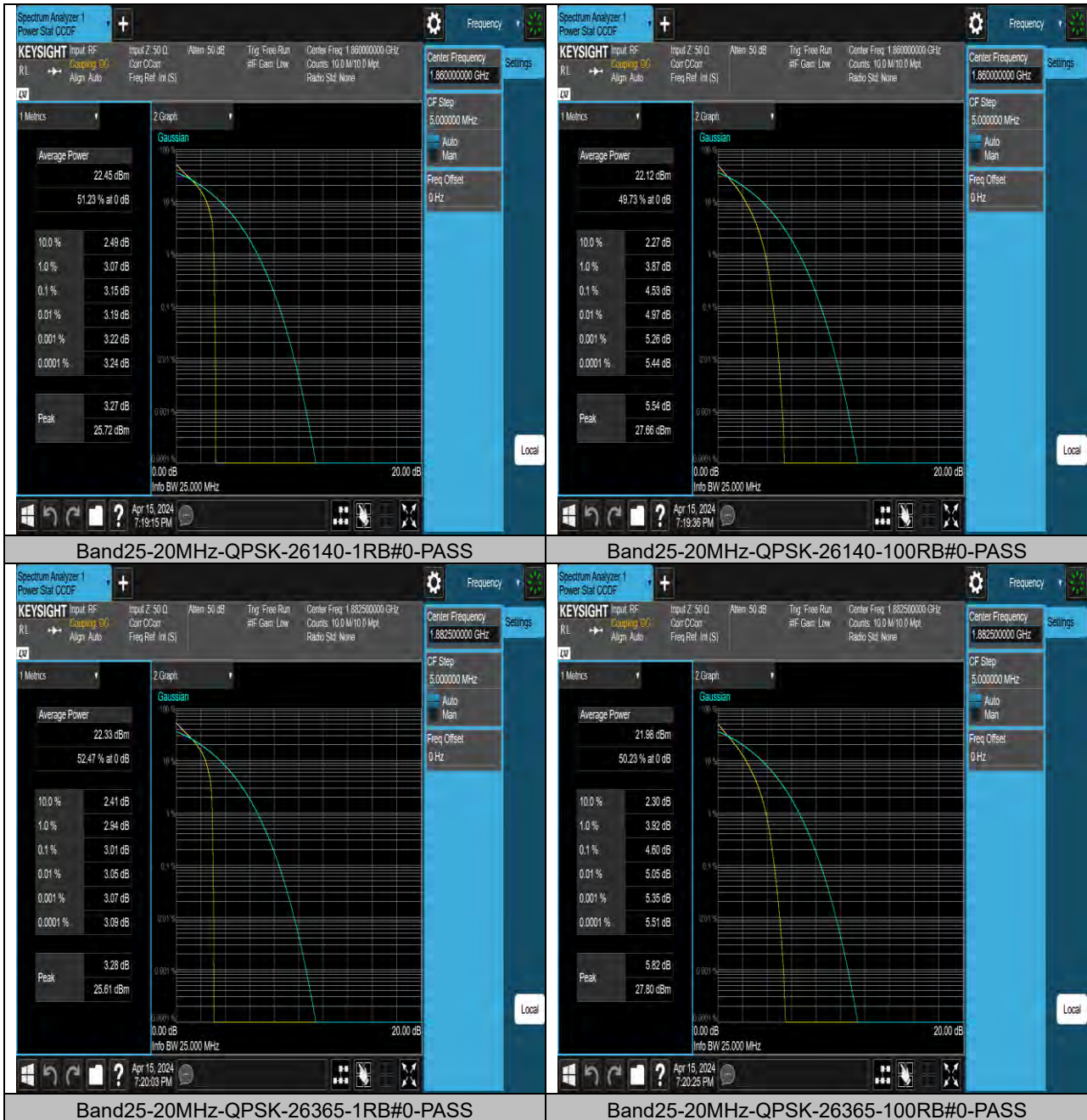
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BUREAU
VERITAS

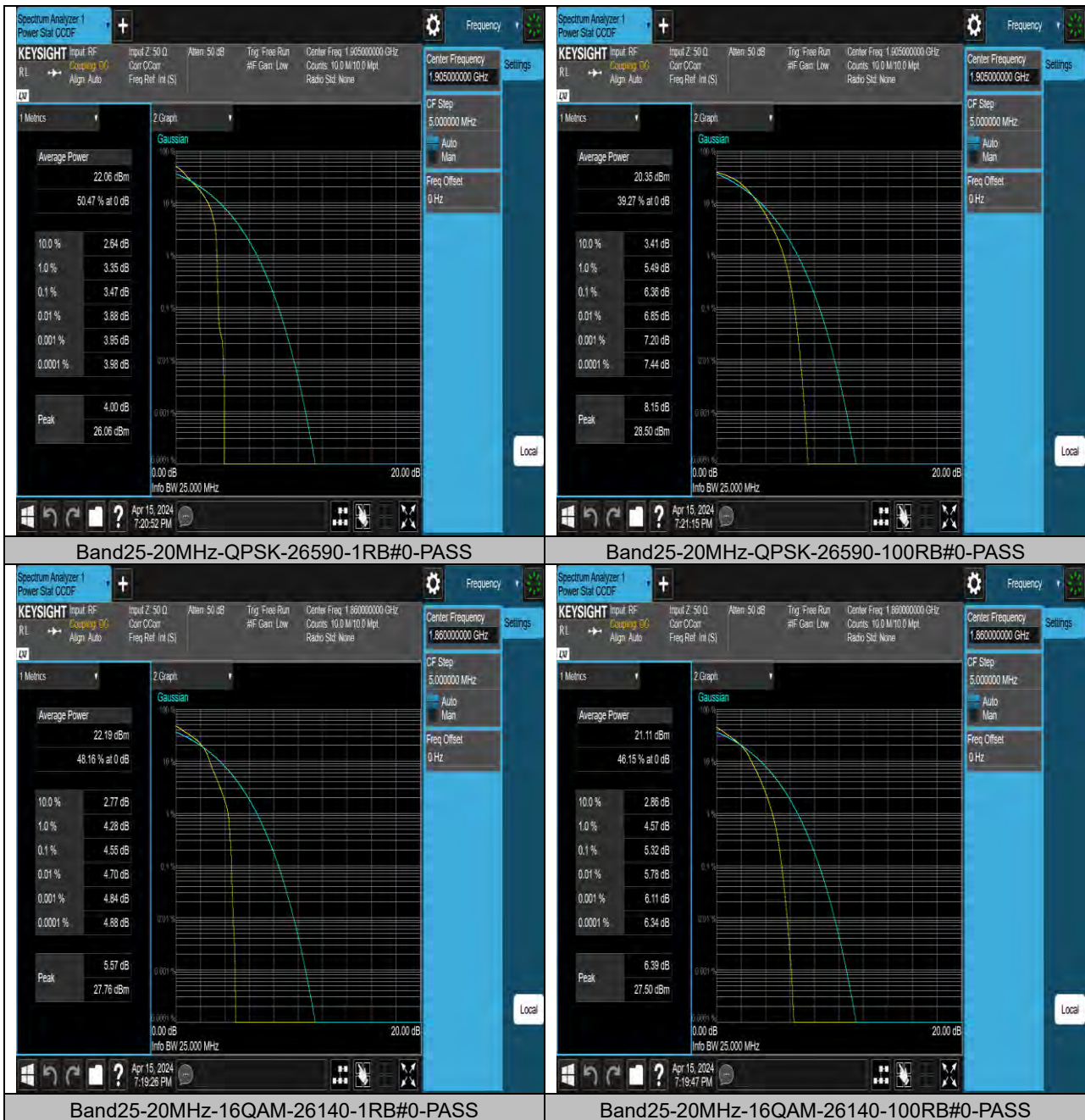
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BUREAU
VERITAS

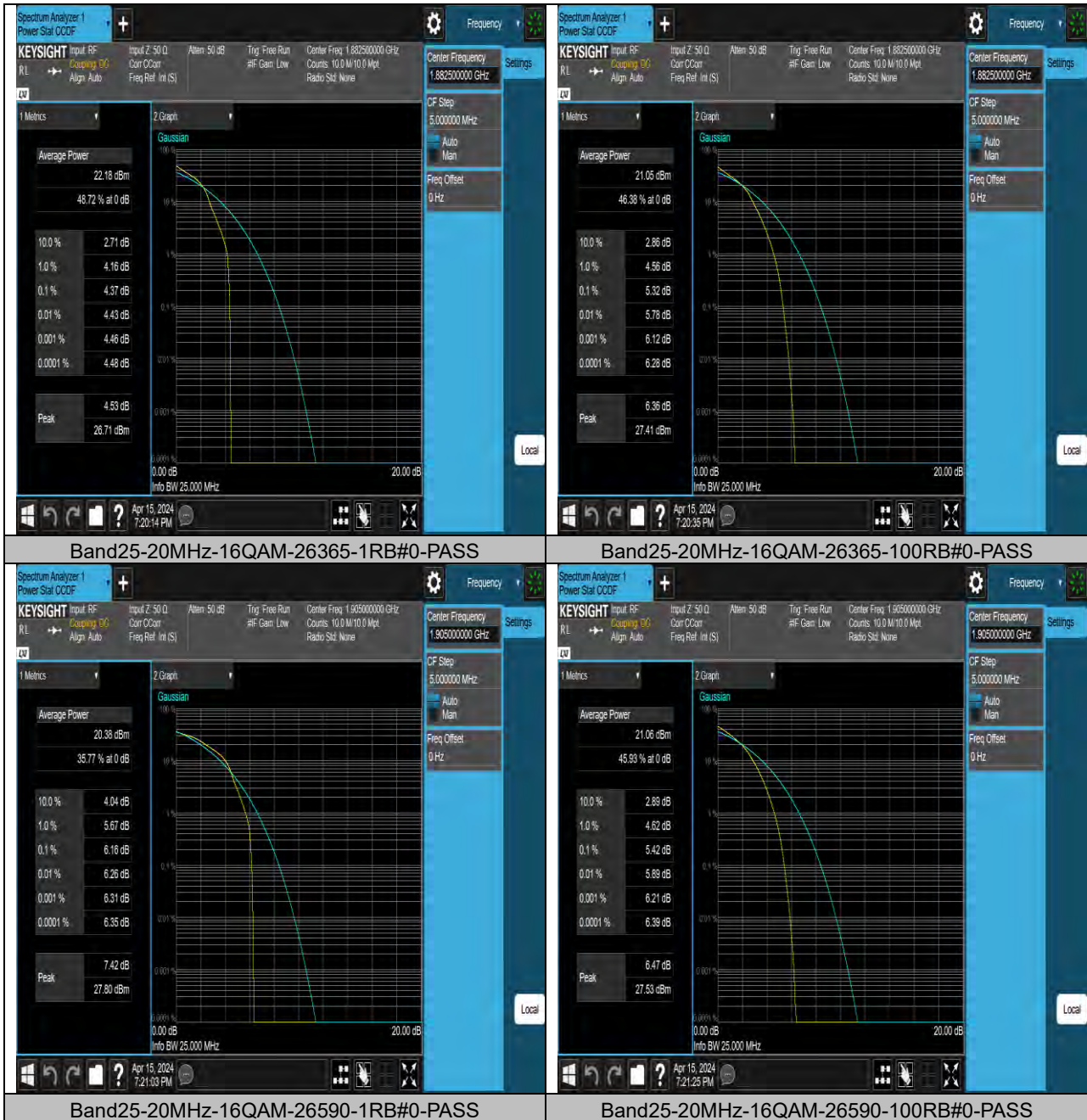
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VERITAS

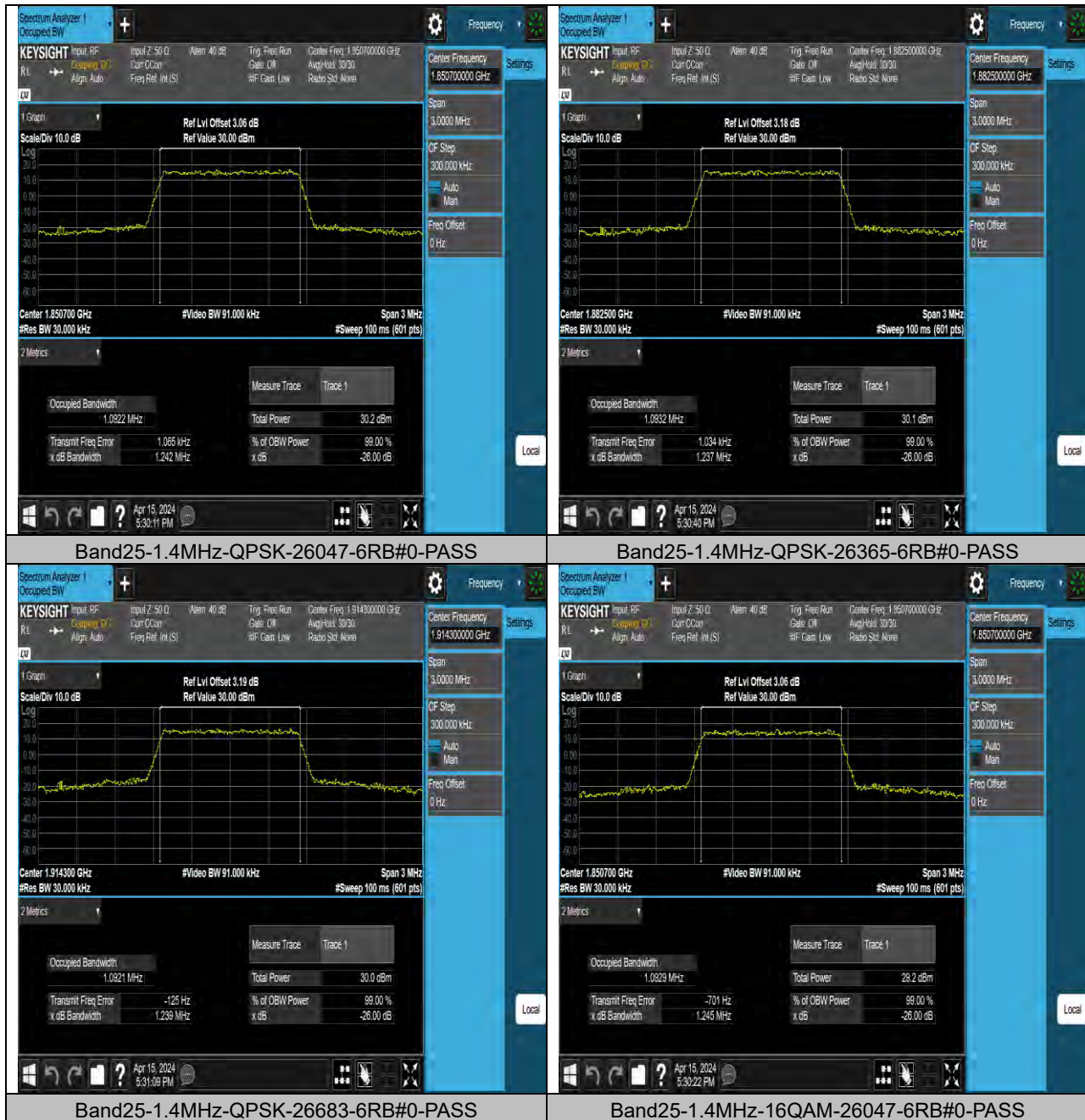
Reference No.: W7L-P24030018RF05



26DB BANDWIDTH AND OCCUPIED BANDWIDTH TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band25	1.4MHz	QPSK	26047	6RB#0	1.0922	1.242	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	1.0932	1.237	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	1.0921	1.239	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	1.0929	1.245	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	1.0953	1.241	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	1.0973	1.237	PASS
Band25	3MHz	QPSK	26055	15RB#0	2.6991	3.008	PASS
Band25	3MHz	QPSK	26365	15RB#0	2.6977	3.013	PASS
Band25	3MHz	QPSK	26675	15RB#0	2.7034	2.996	PASS
Band25	3MHz	16QAM	26055	15RB#0	2.7001	3.011	PASS
Band25	3MHz	16QAM	26365	15RB#0	2.7033	3.019	PASS
Band25	3MHz	16QAM	26675	15RB#0	2.6982	3.044	PASS
Band25	5MHz	QPSK	26065	25RB#0	4.5419	5.011	PASS
Band25	5MHz	QPSK	26365	25RB#0	4.5436	5.014	PASS
Band25	5MHz	QPSK	26665	25RB#0	4.5475	5.077	PASS
Band25	5MHz	16QAM	26065	25RB#0	4.5152	5.015	PASS
Band25	5MHz	16QAM	26365	25RB#0	4.5146	5.021	PASS
Band25	5MHz	16QAM	26665	25RB#0	4.5128	5.074	PASS
Band25	10MHz	QPSK	26090	50RB#0	8.9963	9.914	PASS
Band25	10MHz	QPSK	26365	50RB#0	9.0101	9.926	PASS
Band25	10MHz	QPSK	26640	50RB#0	8.9866	9.924	PASS
Band25	10MHz	16QAM	26090	50RB#0	8.9908	9.807	PASS
Band25	10MHz	16QAM	26365	50RB#0	8.9904	9.823	PASS
Band25	10MHz	16QAM	26640	50RB#0	8.9772	9.815	PASS
Band25	15MHz	QPSK	26115	75RB#0	13.478	14.68	PASS
Band25	15MHz	QPSK	26365	75RB#0	13.499	14.73	PASS
Band25	15MHz	QPSK	26615	75RB#0	13.483	14.69	PASS
Band25	15MHz	16QAM	26115	75RB#0	13.482	14.73	PASS
Band25	15MHz	16QAM	26365	75RB#0	13.474	14.78	PASS
Band25	15MHz	16QAM	26615	75RB#0	13.474	14.74	PASS
Band25	20MHz	QPSK	26140	100RB#0	17.986	19.60	PASS
Band25	20MHz	QPSK	26365	100RB#0	17.982	19.61	PASS
Band25	20MHz	QPSK	26590	100RB#0	17.980	19.63	PASS
Band25	20MHz	16QAM	26140	100RB#0	17.935	19.48	PASS
Band25	20MHz	16QAM	26365	100RB#0	17.930	19.49	PASS
Band25	20MHz	16QAM	26590	100RB#0	17.931	19.52	PASS

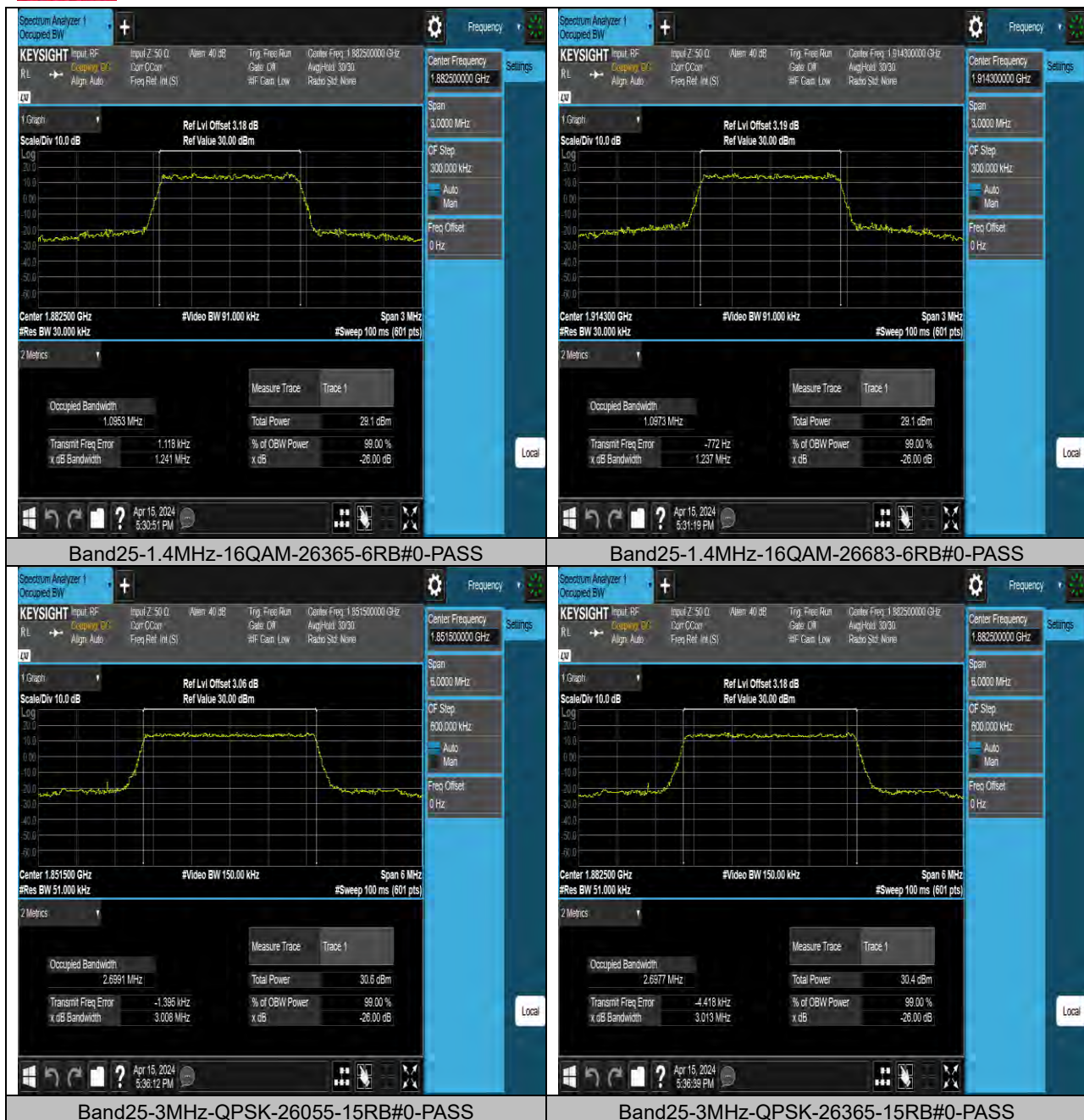
TEST GRAPHS





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VERITAS

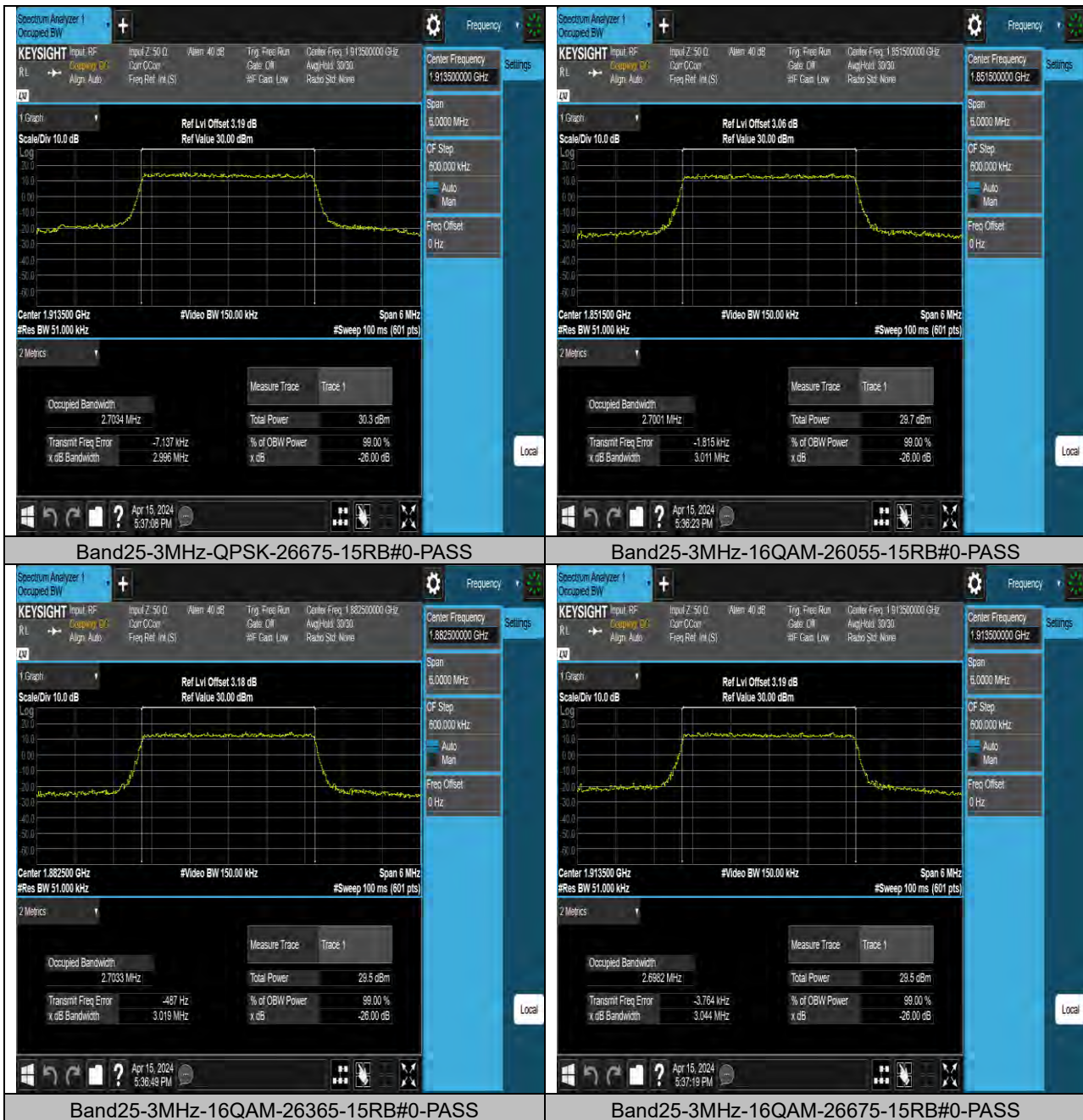
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BUREAU
VERITAS

Reference No.: W7L-P24030018RF05





BUREAU
VERITAS

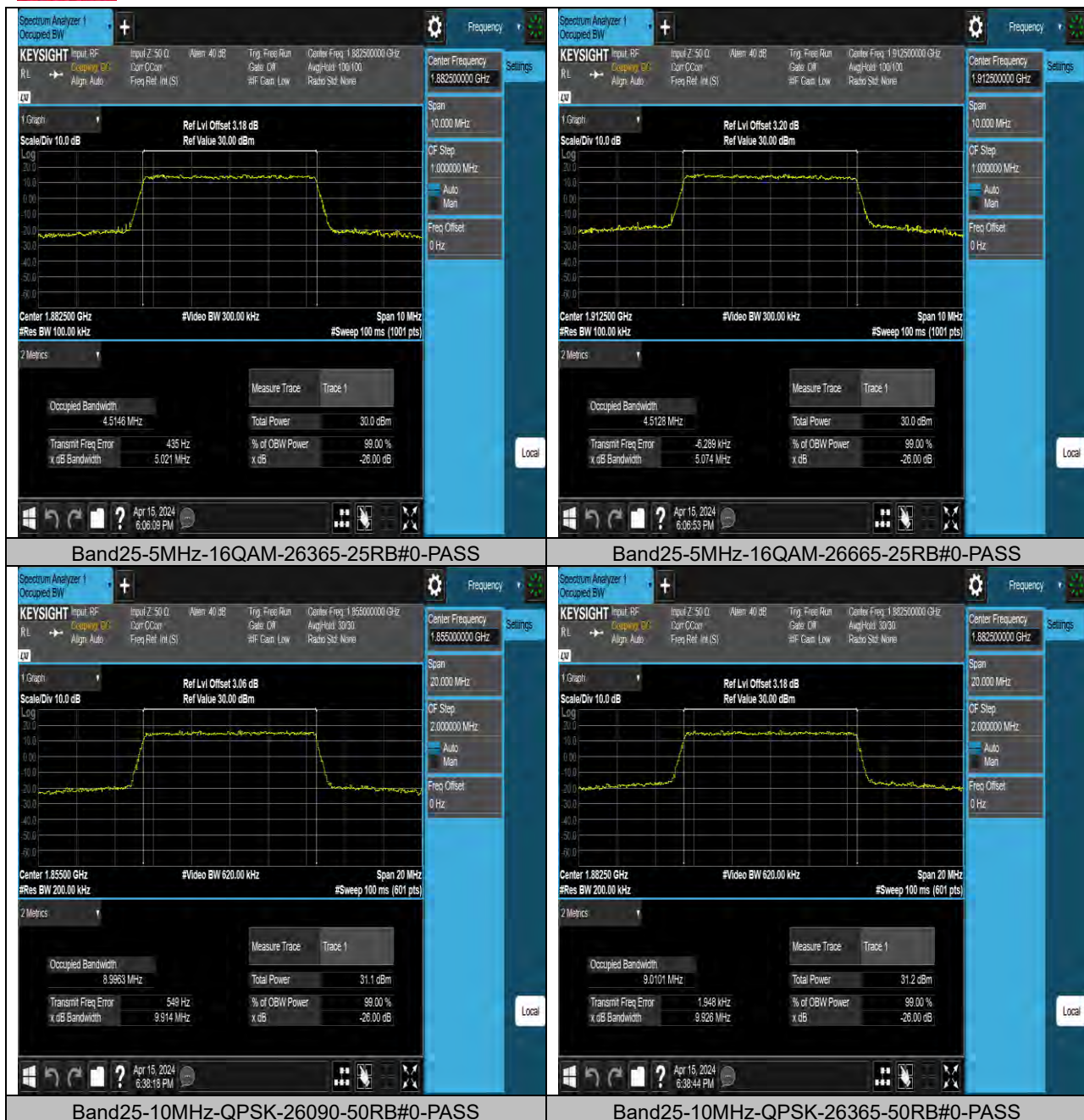
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BUREAU
VERITAS

Reference No.: W7L-P24030018RF05





BUREAU
VERITAS

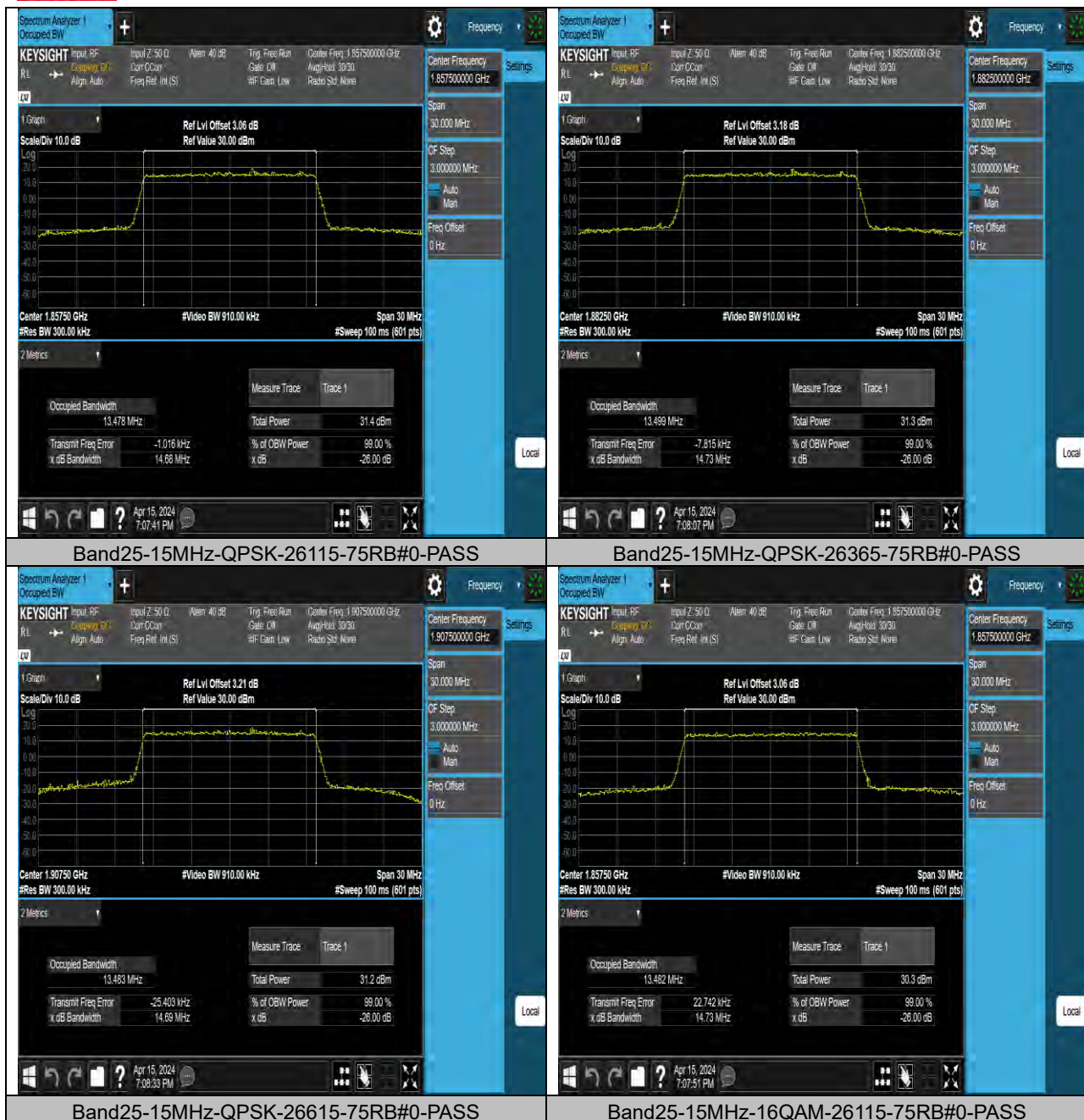
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VERITAS

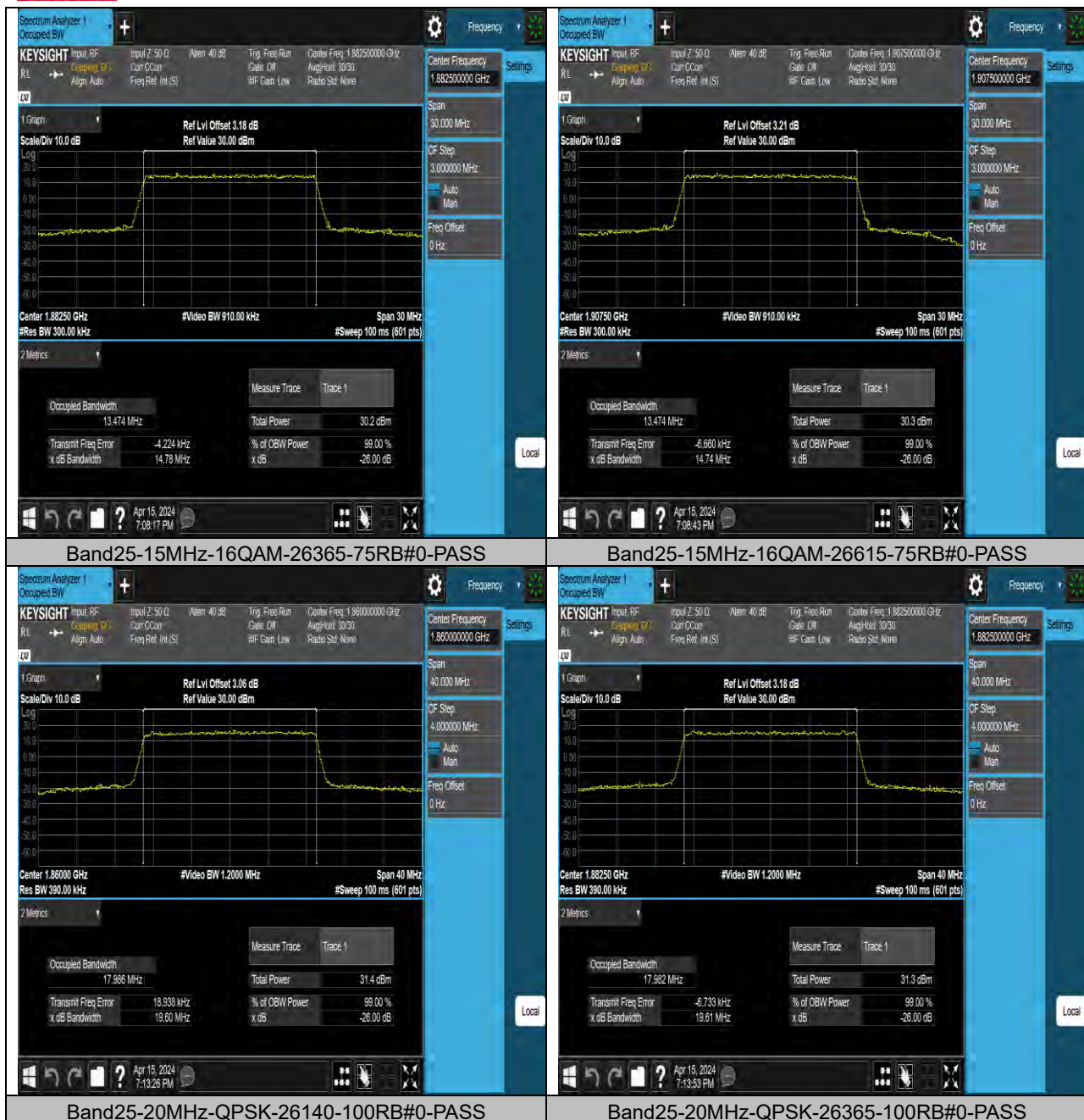
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Reference No.: W7L-P24030018RF05





BUREAU
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Reference No.: W7L-P24030018RF05



Band25-20MHz-QPSK-26590-100RB#0-PASS



Band25-20MHz-16QAM-26140-100RB#0-PASS



Band25-20MHz-16QAM-26365-100RB#0-PASS



Band25-20MHz-16QAM-26590-100RB#0-PASS



Reference No.: W7L-P24030018RF05

BAND EDGE TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band25	1.4MHz	QPSK	26047	1RB#0	-29.84	PASS
Band25	1.4MHz	QPSK	26047	6RB#0	-25.31	PASS
Band25	1.4MHz	QPSK	26683	1RB#5	-30.62	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	-25.73	PASS
Band25	1.4MHz	16QAM	26047	1RB#0	-31.04	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	-27.13	PASS
Band25	1.4MHz	16QAM	26683	1RB#5	-28.33	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	-28.03	PASS
Band25	3MHz	QPSK	26055	1RB#0	-21.38	PASS
Band25	3MHz	QPSK	26055	15RB#0	-23.48	PASS
Band25	3MHz	QPSK	26675	1RB#14	-22.55	PASS
Band25	3MHz	QPSK	26675	15RB#0	-22.60	PASS
Band25	3MHz	16QAM	26055	1RB#0	-22.89	PASS
Band25	3MHz	16QAM	26055	15RB#0	-24.96	PASS
Band25	3MHz	16QAM	26675	1RB#14	-24.25	PASS
Band25	3MHz	16QAM	26675	15RB#0	-25.72	PASS
Band25	5MHz	QPSK	26065	1RB#0	-28.38	PASS
Band25	5MHz	QPSK	26065	25RB#0	-24.88	PASS
Band25	5MHz	QPSK	26665	1RB#24	-29.54	PASS
Band25	5MHz	QPSK	26665	25RB#0	-21.60	PASS
Band25	5MHz	16QAM	26065	1RB#0	-30.05	PASS
Band25	5MHz	16QAM	26065	25RB#0	-26.11	PASS
Band25	5MHz	16QAM	26665	1RB#24	-30.28	PASS
Band25	5MHz	16QAM	26665	25RB#0	-25.15	PASS
Band25	10MHz	QPSK	26090	1RB#0	-42.41	PASS
Band25	10MHz	QPSK	26090	50RB#0	-26.09	PASS
Band25	10MHz	QPSK	26640	1RB#49	-41.28	PASS
Band25	10MHz	QPSK	26640	50RB#0	-31.16	PASS
Band25	10MHz	16QAM	26090	1RB#0	-43.31	PASS
Band25	10MHz	16QAM	26090	50RB#0	-28.55	PASS
Band25	10MHz	16QAM	26640	1RB#49	-42.35	PASS
Band25	10MHz	16QAM	26640	50RB#0	-32.53	PASS
Band25	15MHz	QPSK	26115	1RB#0	-42.05	PASS
Band25	15MHz	QPSK	26115	75RB#0	-25.64	PASS
Band25	15MHz	QPSK	26615	1RB#74	-41.33	PASS
Band25	15MHz	QPSK	26615	75RB#0	-25.63	PASS
Band25	15MHz	16QAM	26115	1RB#0	-42.95	PASS
Band25	15MHz	16QAM	26115	75RB#0	-28.59	PASS
Band25	15MHz	16QAM	26615	1RB#74	-41.90	PASS
Band25	15MHz	16QAM	26615	75RB#0	-28.65	PASS
Band25	20MHz	QPSK	26140	1RB#0	-42.14	PASS
Band25	20MHz	QPSK	26140	100RB#0	-27.89	PASS
Band25	20MHz	QPSK	26590	1RB#99	-42.07	PASS
Band25	20MHz	QPSK	26590	100RB#0	-28.99	PASS

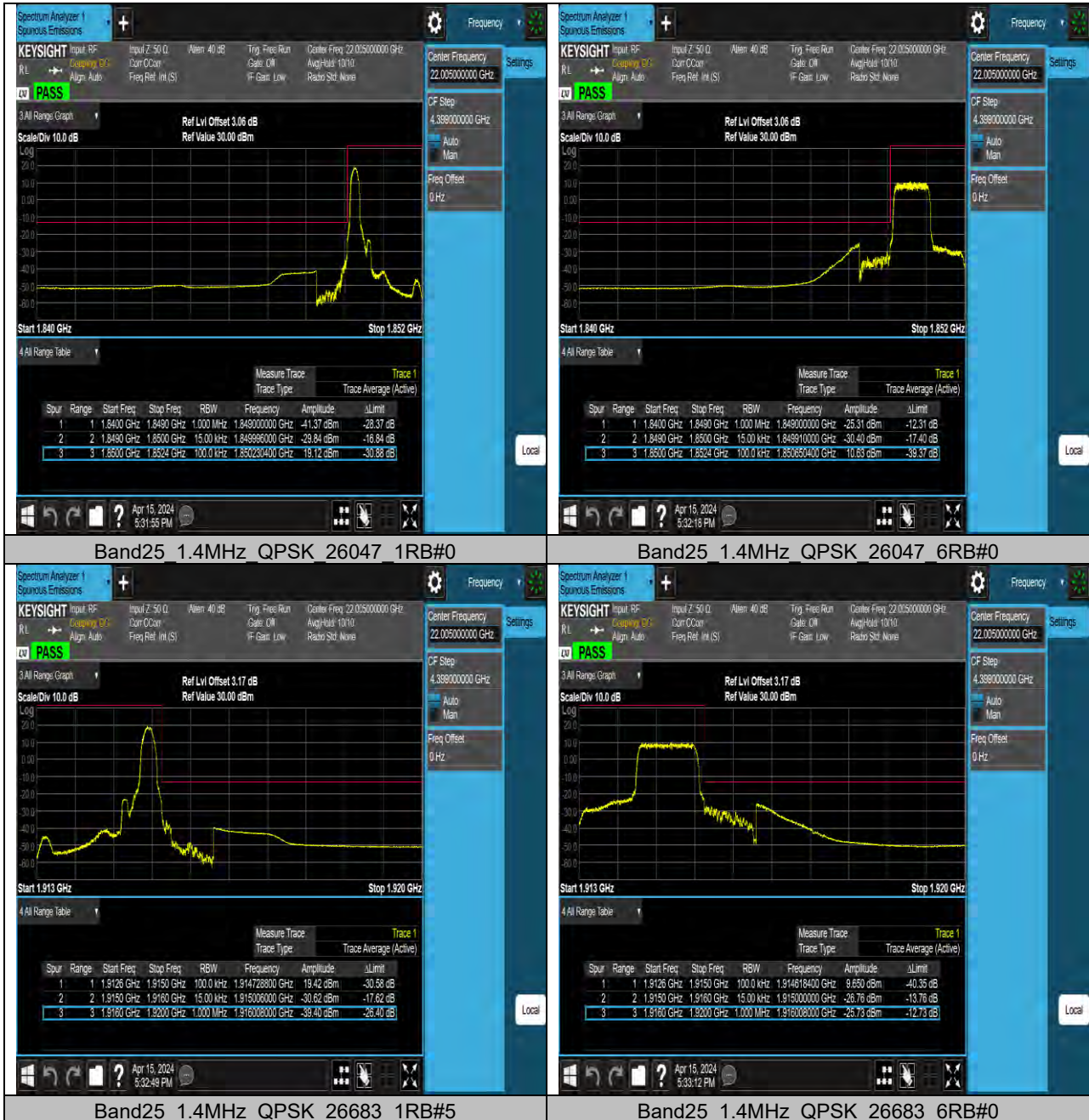


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VERITAS**

Reference No.: W7L-P24030018RF05

Band25	20MHz	16QAM	26140	1RB#0	-42.66	PASS
Band25	20MHz	16QAM	26140	100RB#0	-30.47	PASS
Band25	20MHz	16QAM	26590	1RB#99	-42.44	PASS
Band25	20MHz	16QAM	26590	100RB#0	-31.56	PASS

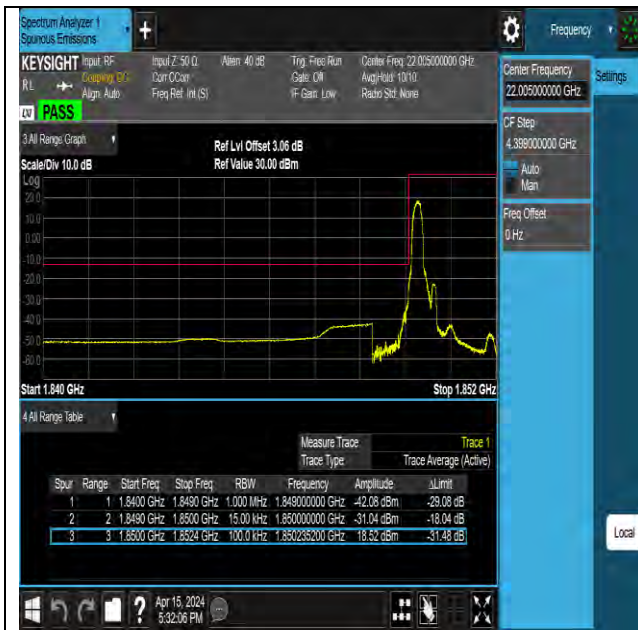
TEST GRAPHS





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VERITAS

Reference No.: W7L-P24030018RF05



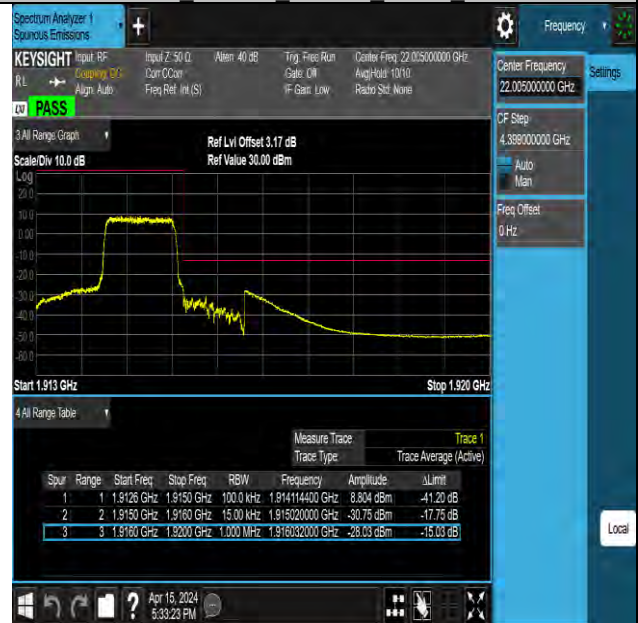
Band25 1.4MHz 16QAM 26047 1RB#0



Band25 1.4MHz 16QAM 26047 6RB#0



Band25 1.4MHz 16QAM 26683 1RB#5

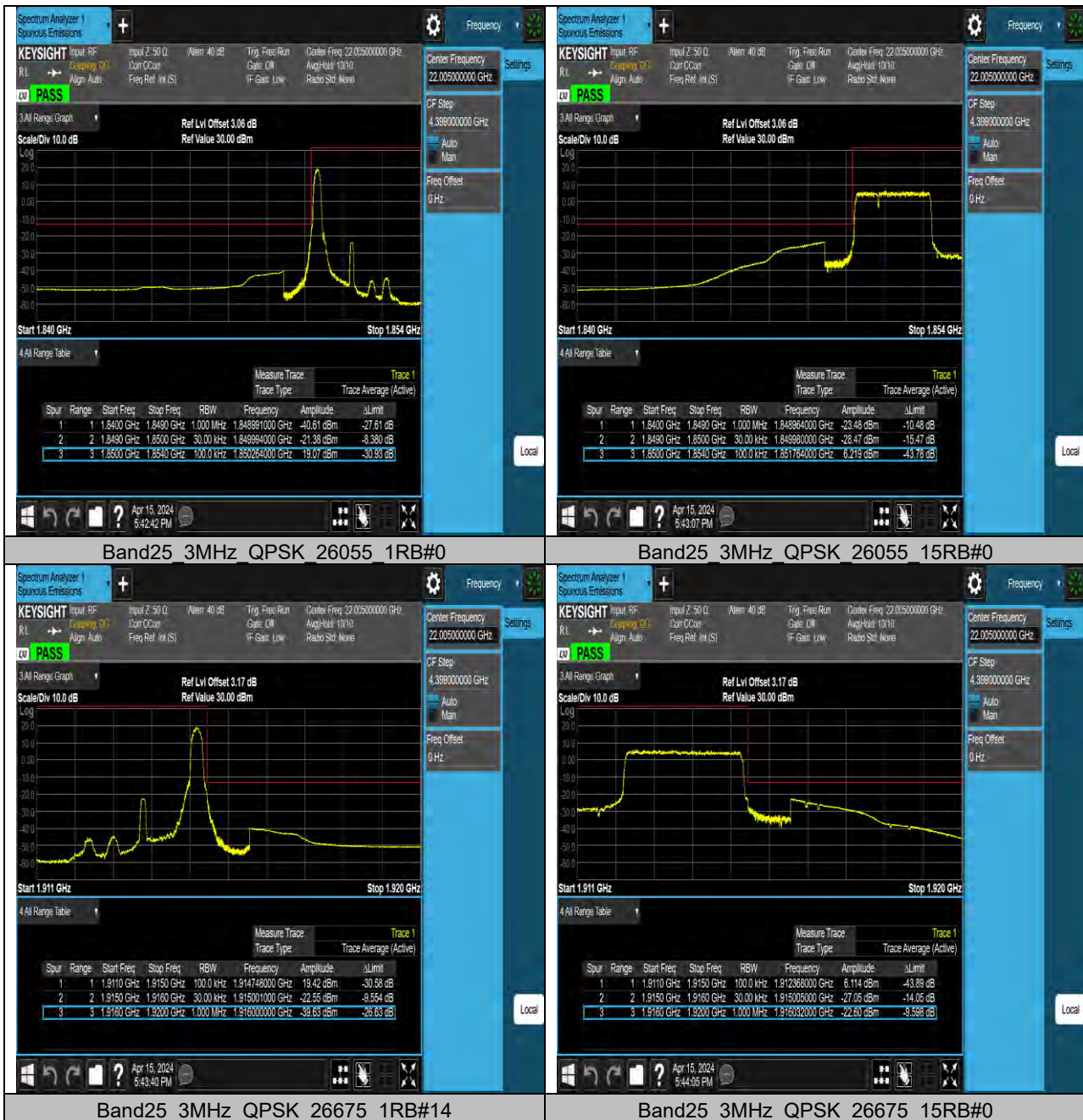


Band25 1.4MHz 16QAM 26683 6RB#0



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VERITAS

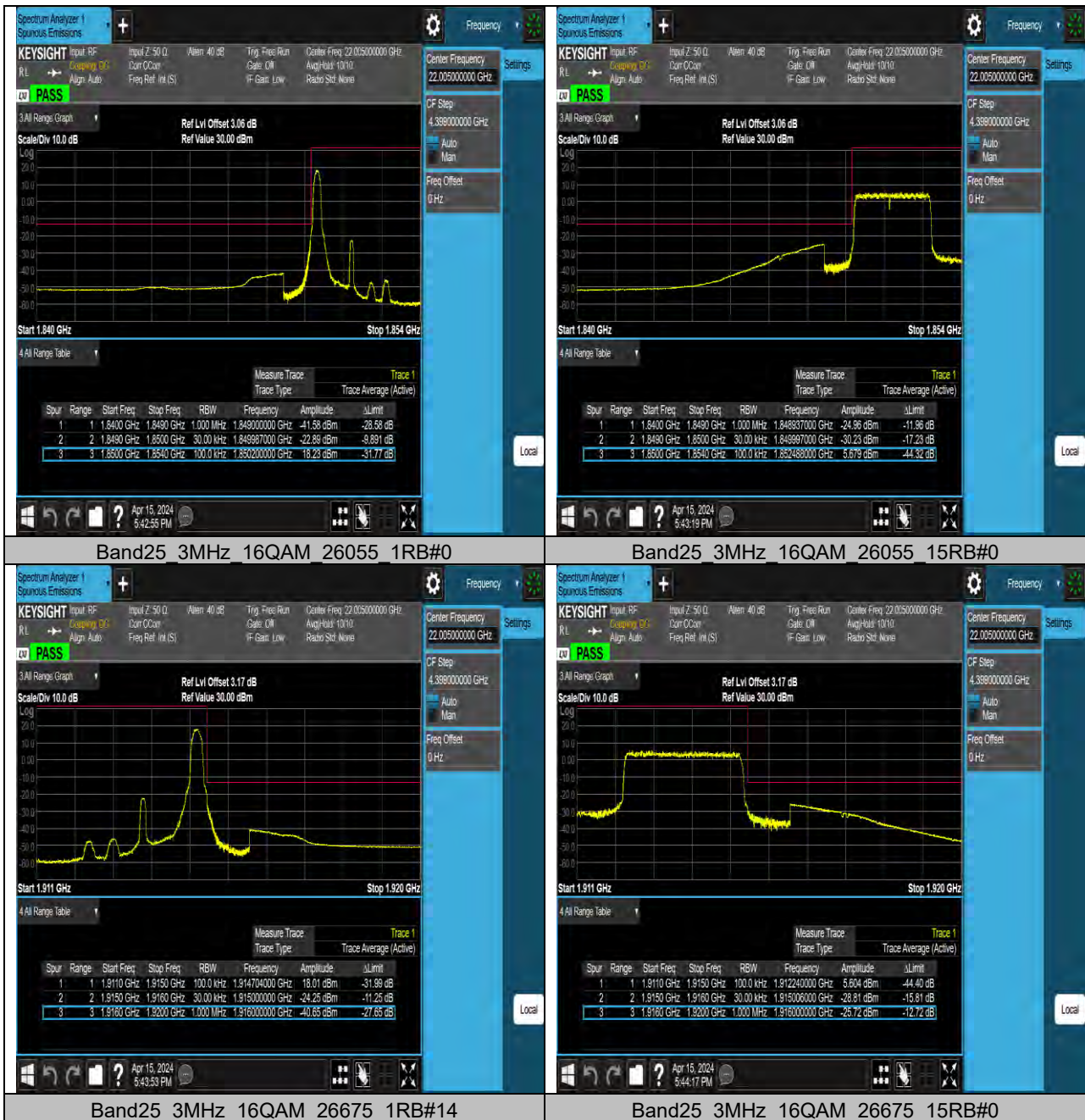
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VERITAS

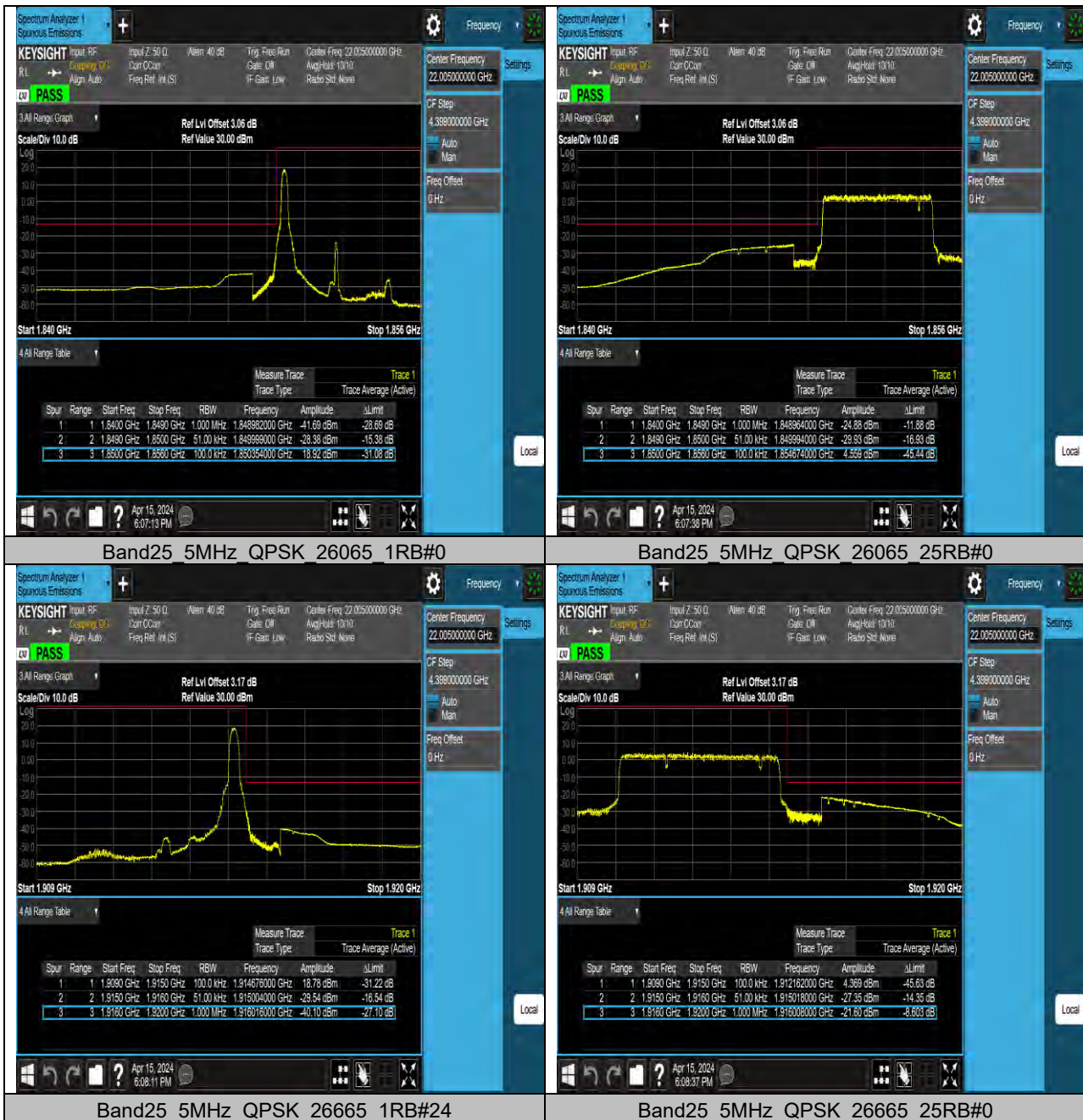
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VERITAS

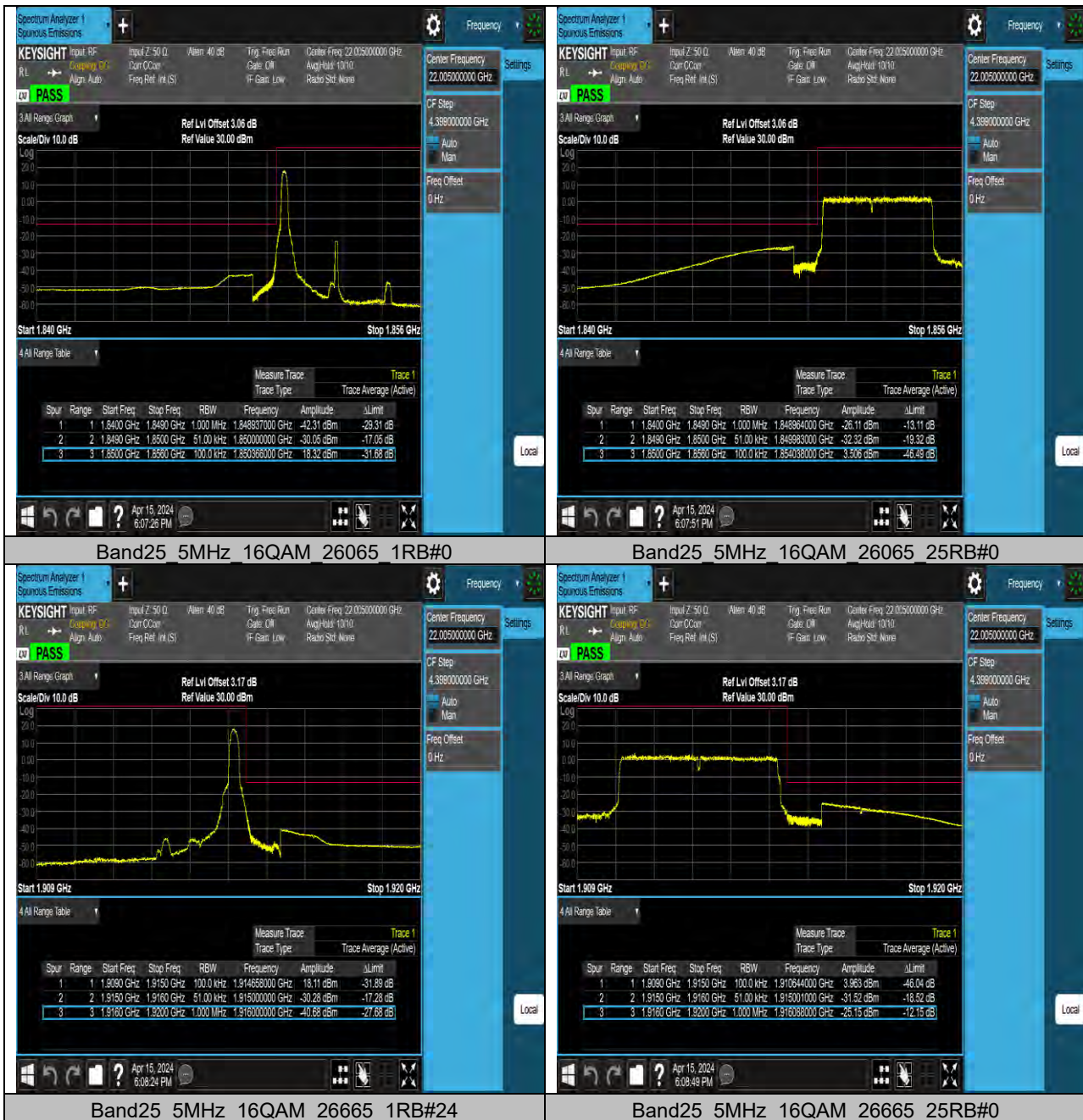
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VERITAS

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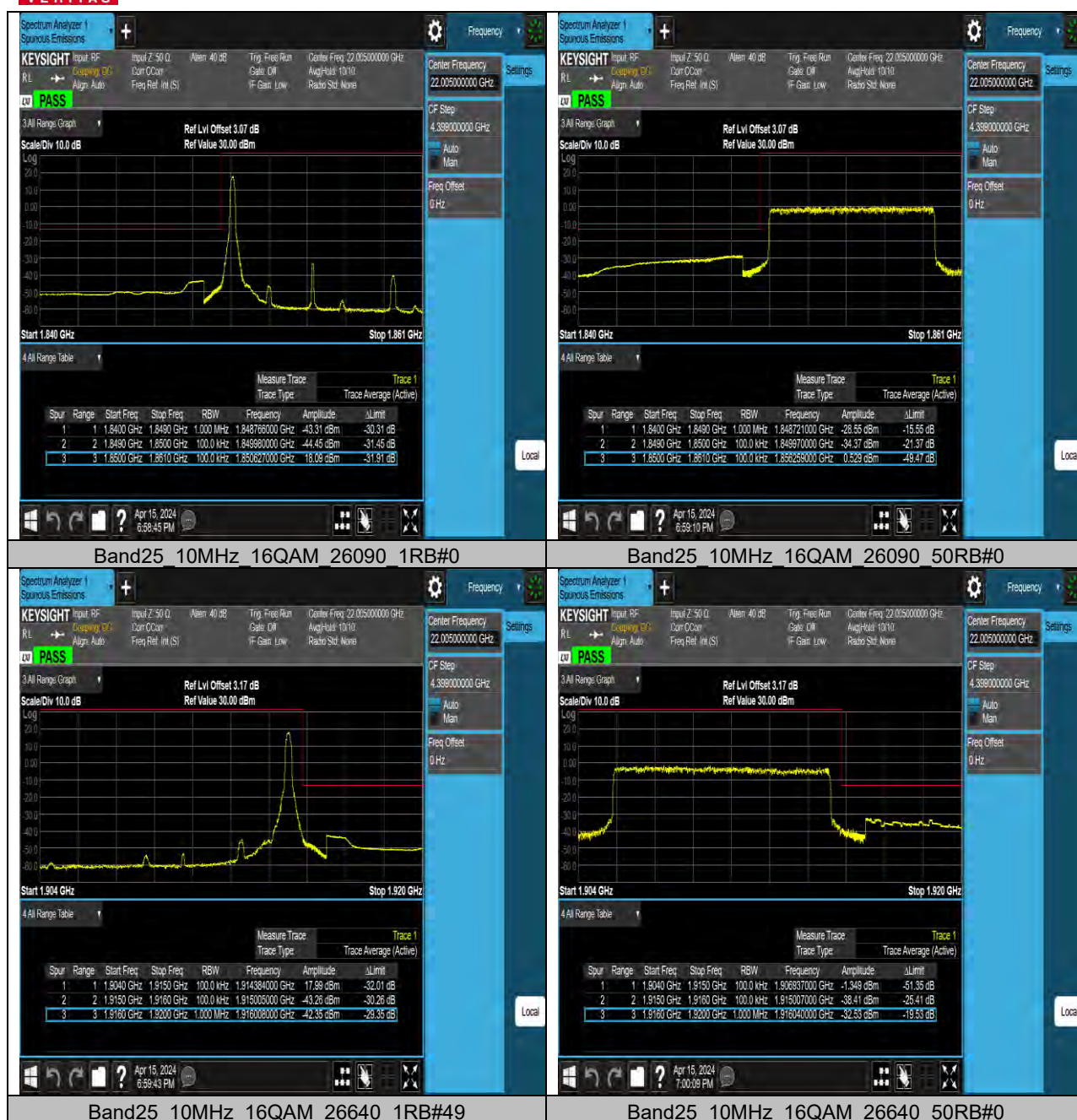


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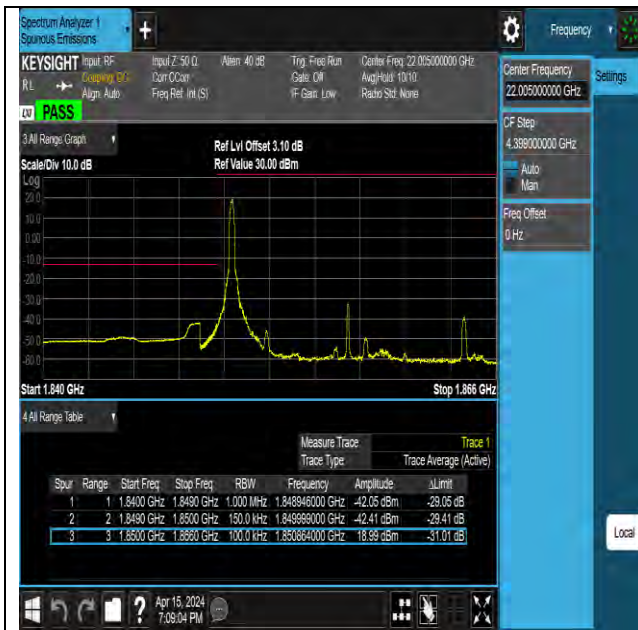
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VERITAS

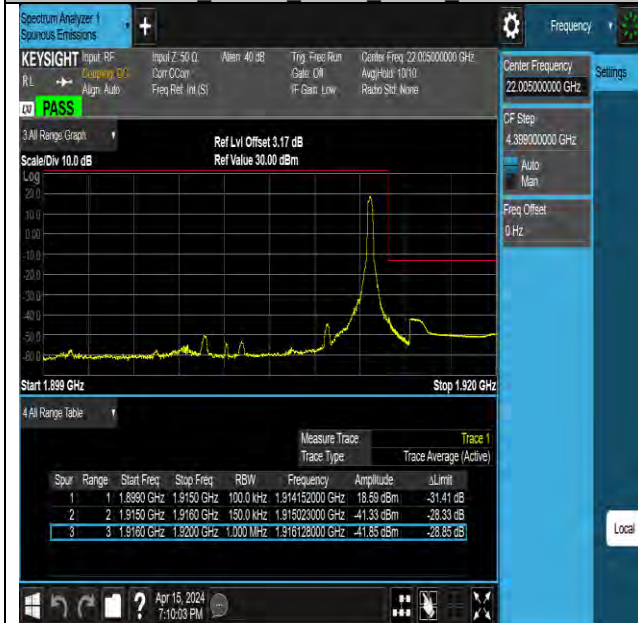
Reference No.: W7L-P24030018RF05



Band25 15MHz QPSK 26115 1RB#0



Band25 15MHz QPSK 26115 75RB#0



Band25 15MHz QPSK 26615 1RB#74

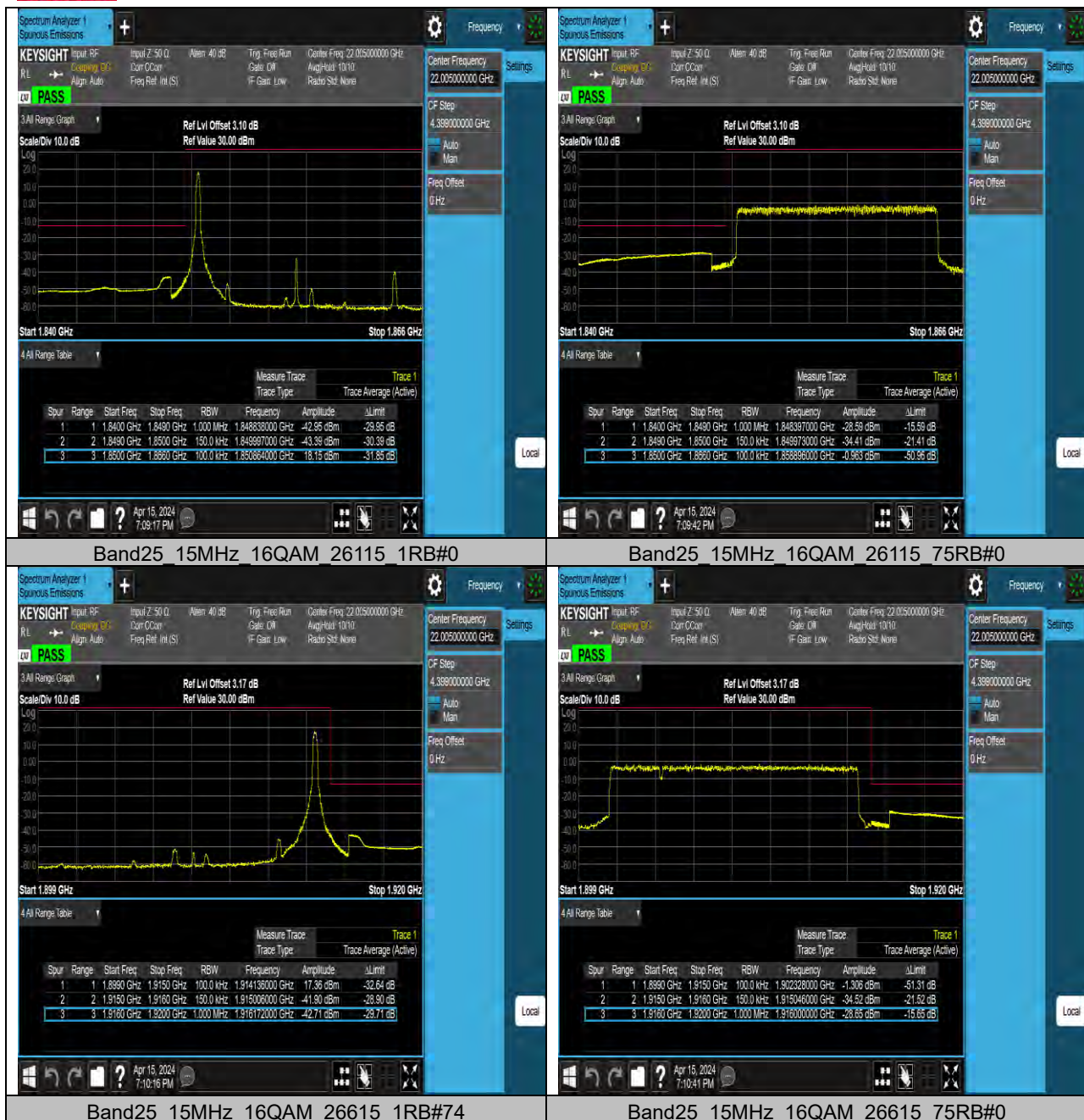


Band25 15MHz QPSK 26615 75RB#0



BUREAU
VERITAS

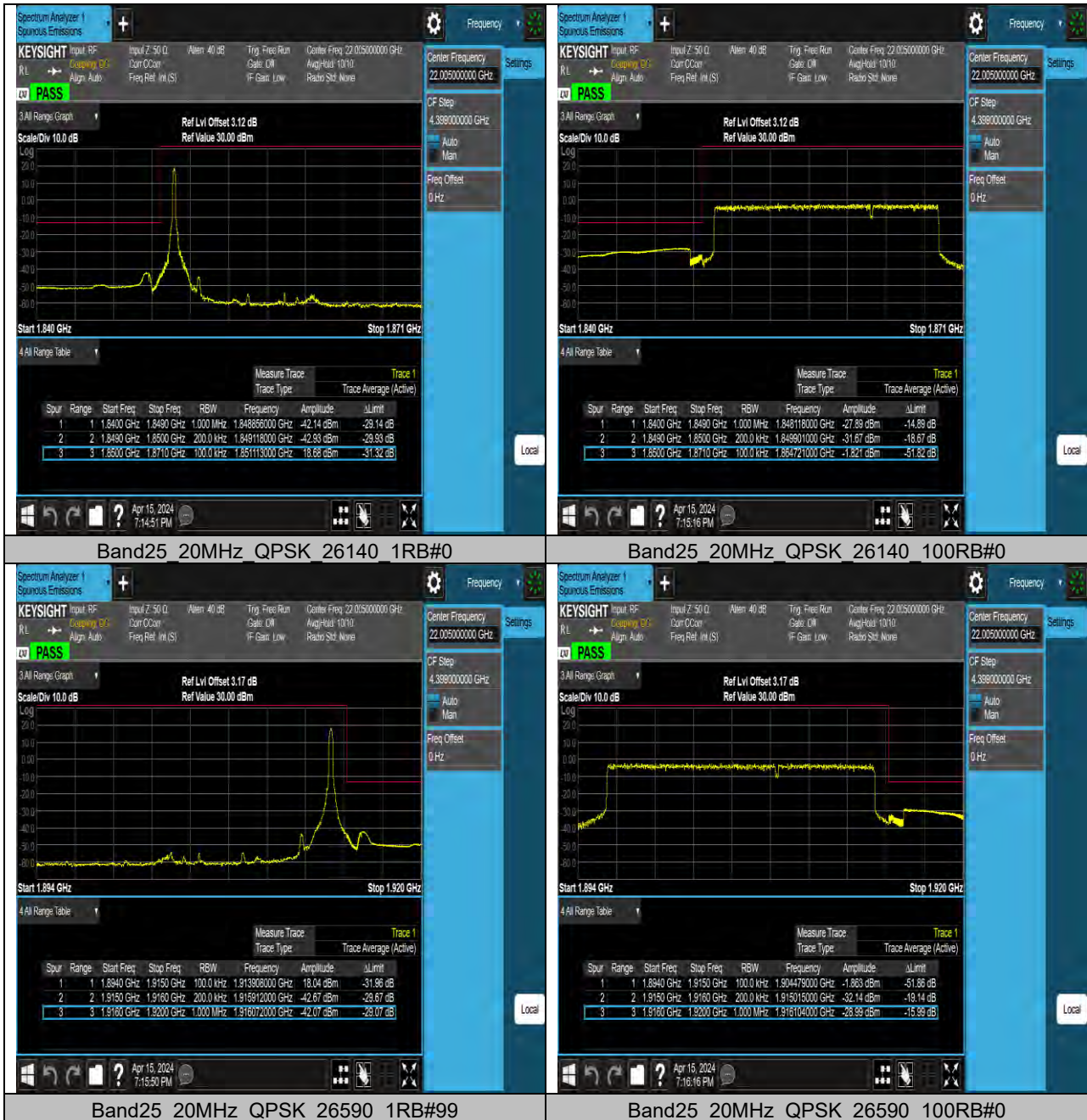
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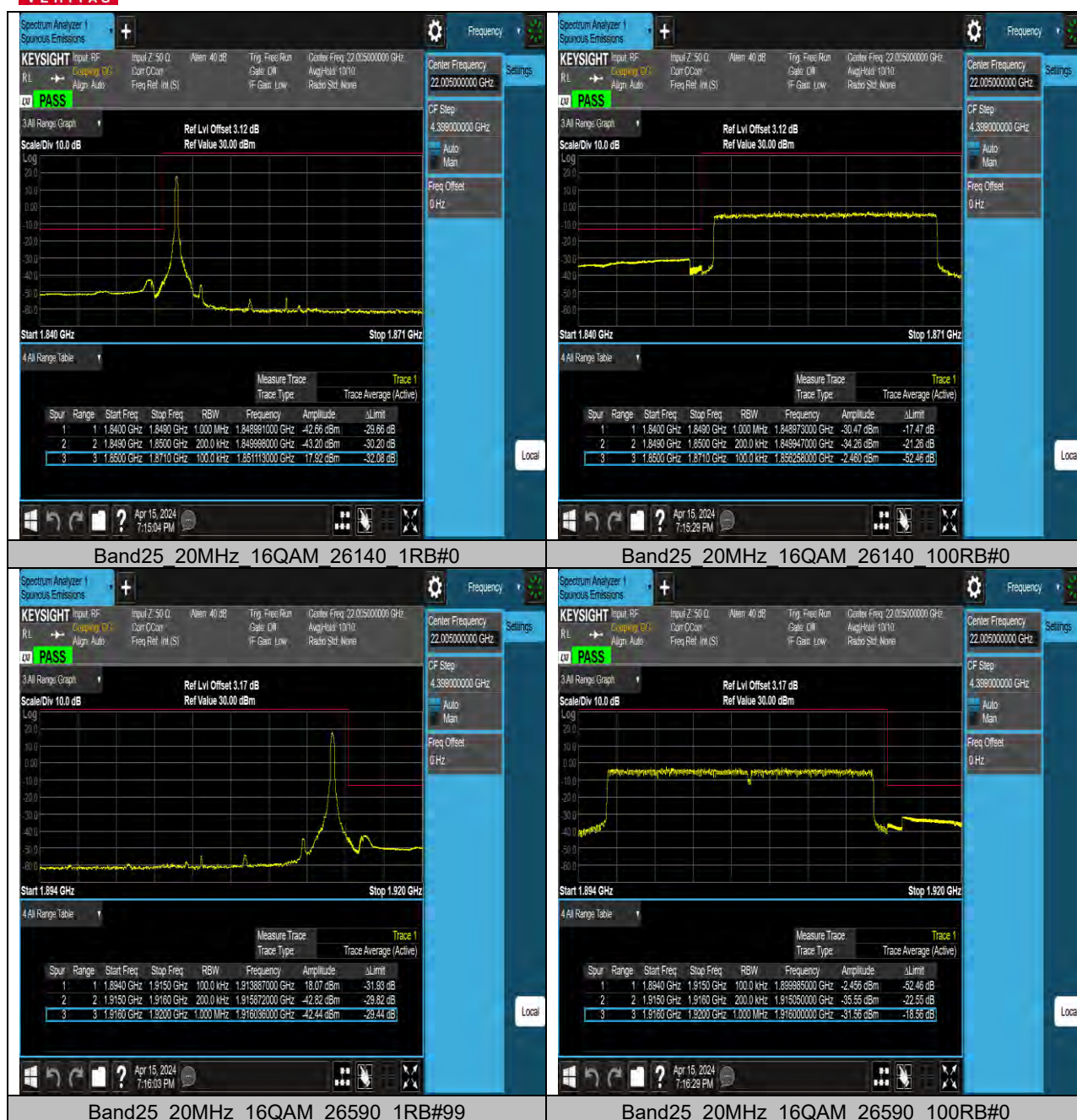
BUREAU
VERITAS

Reference No.: W7L-P24030018RF05





Reference No.: W7L-P24030018RF05





Reference No.: W7L-P24030018RF05

CONDUCTED SPURIOUS EMISSION TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band25	1.4MHz	QPSK	26047	1RB#0	30~1000	-59.05	PASS
Band25	1.4MHz	QPSK	26047	1RB#0	1000~10000	-46.14	PASS
Band25	1.4MHz	QPSK	26047	1RB#0	10000~20000	-35.98	PASS
Band25	1.4MHz	QPSK	26365	1RB#0	30~1000	-59.08	PASS
Band25	1.4MHz	QPSK	26365	1RB#0	1000~10000	-45.98	PASS
Band25	1.4MHz	QPSK	26365	1RB#0	10000~20000	-35.99	PASS
Band25	1.4MHz	QPSK	26683	1RB#0	30~1000	-58.98	PASS
Band25	1.4MHz	QPSK	26683	1RB#0	1000~10000	-45.56	PASS
Band25	1.4MHz	QPSK	26683	1RB#0	10000~20000	-35.99	PASS
Band25	3MHz	QPSK	26055	1RB#0	30~1000	-59.05	PASS
Band25	3MHz	QPSK	26055	1RB#0	1000~10000	-48.47	PASS
Band25	3MHz	QPSK	26055	1RB#0	10000~20000	-35.97	PASS
Band25	3MHz	QPSK	26365	1RB#0	30~1000	-59.01	PASS
Band25	3MHz	QPSK	26365	1RB#0	1000~10000	-48.37	PASS
Band25	3MHz	QPSK	26365	1RB#0	10000~20000	-35.97	PASS
Band25	3MHz	QPSK	26675	1RB#0	30~1000	-59.07	PASS
Band25	3MHz	QPSK	26675	1RB#0	1000~10000	-48.31	PASS
Band25	3MHz	QPSK	26675	1RB#0	10000~20000	-35.85	PASS
Band25	5MHz	QPSK	26065	1RB#0	30~1000	-59.06	PASS
Band25	5MHz	QPSK	26065	1RB#0	1000~10000	-48.39	PASS
Band25	5MHz	QPSK	26065	1RB#0	10000~20000	-35.94	PASS
Band25	5MHz	QPSK	26365	1RB#0	30~1000	-59.01	PASS
Band25	5MHz	QPSK	26365	1RB#0	1000~10000	-48.34	PASS
Band25	5MHz	QPSK	26365	1RB#0	10000~20000	-35.85	PASS
Band25	5MHz	QPSK	26665	1RB#0	30~1000	-59.02	PASS
Band25	5MHz	QPSK	26665	1RB#0	1000~10000	-48.31	PASS
Band25	5MHz	QPSK	26665	1RB#0	10000~20000	-35.95	PASS
Band25	10MHz	QPSK	26090	1RB#0	30~1000	-59.02	PASS
Band25	10MHz	QPSK	26090	1RB#0	1000~10000	-48.33	PASS
Band25	10MHz	QPSK	26090	1RB#0	10000~20000	-35.98	PASS
Band25	10MHz	QPSK	26365	1RB#0	30~1000	-59.08	PASS
Band25	10MHz	QPSK	26365	1RB#0	1000~10000	-48.36	PASS
Band25	10MHz	QPSK	26365	1RB#0	10000~20000	-36.01	PASS
Band25	10MHz	QPSK	26640	1RB#0	30~1000	-58.98	PASS
Band25	10MHz	QPSK	26640	1RB#0	1000~10000	-48.23	PASS
Band25	10MHz	QPSK	26640	1RB#0	10000~20000	-35.96	PASS
Band25	15MHz	QPSK	26115	1RB#0	30~1000	-58.97	PASS
Band25	15MHz	QPSK	26115	1RB#0	1000~10000	-48.35	PASS
Band25	15MHz	QPSK	26115	1RB#0	10000~20000	-35.98	PASS
Band25	15MHz	QPSK	26365	1RB#0	30~1000	-59.08	PASS
Band25	15MHz	QPSK	26365	1RB#0	1000~10000	-48.27	PASS
Band25	15MHz	QPSK	26365	1RB#0	10000~20000	-35.96	PASS
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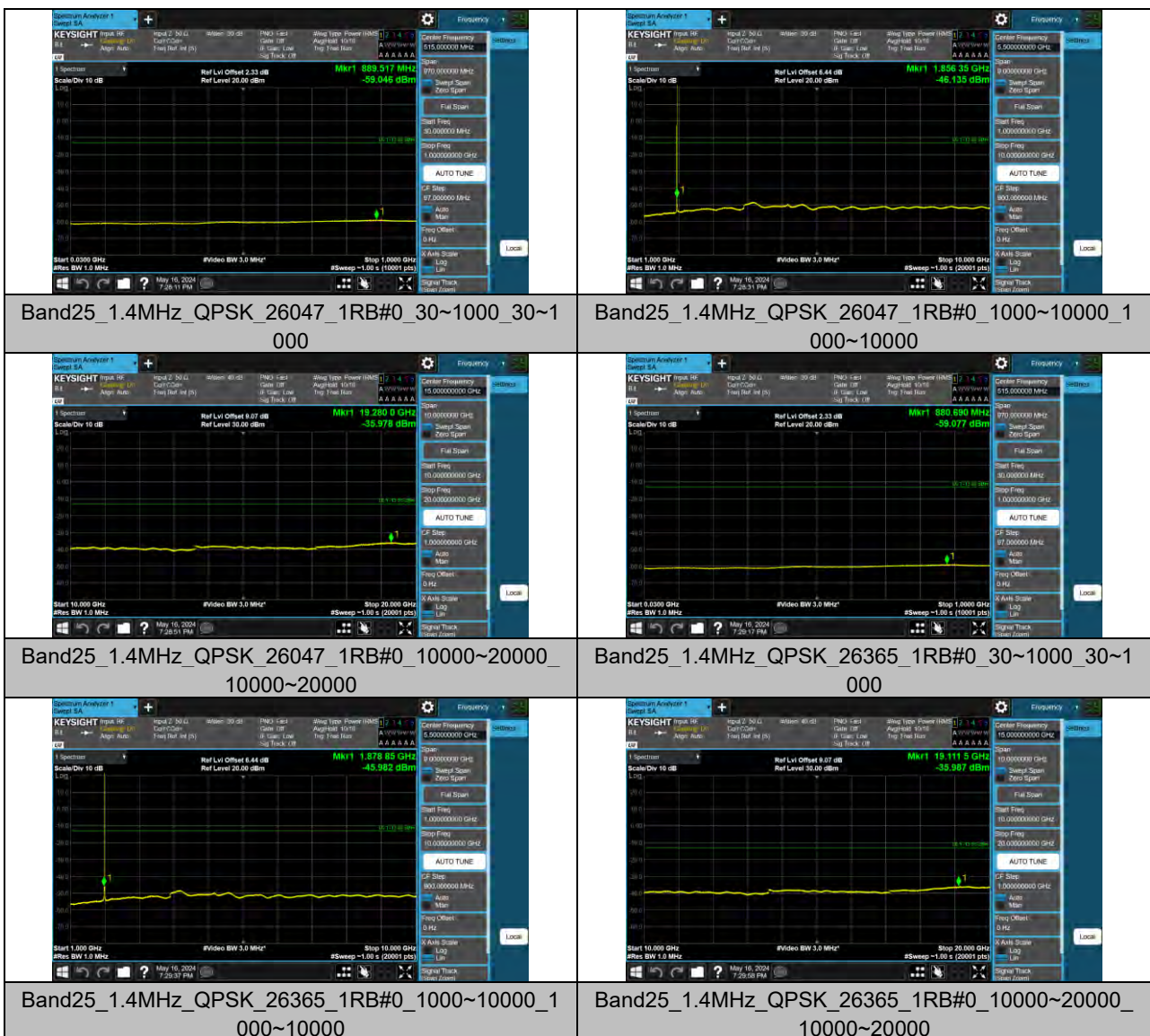


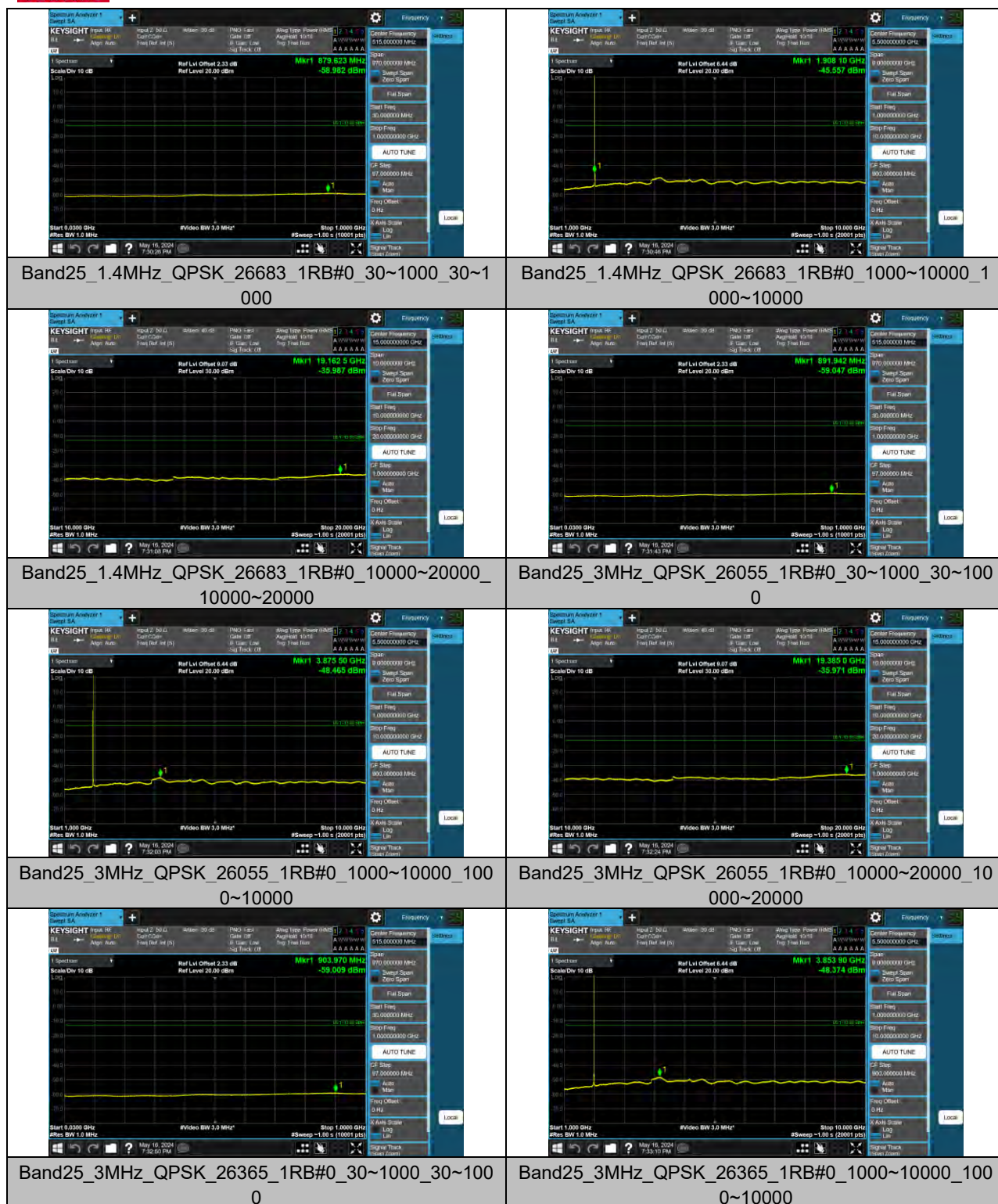
**BUREAU
VERITAS**

Reference No.: W7L-P24030018RF05

Band25	15MHz	QPSK	26615	1RB#0	10000~20000	-35.92	PASS
Band25	20MHz	QPSK	26140	1RB#0	30~1000	-59.04	PASS
Band25	20MHz	QPSK	26140	1RB#0	1000~10000	-48.38	PASS
Band25	20MHz	QPSK	26140	1RB#0	10000~20000	-35.91	PASS
Band25	20MHz	QPSK	26365	1RB#0	30~1000	-58.97	PASS
Band25	20MHz	QPSK	26365	1RB#0	1000~10000	-48.27	PASS
Band25	20MHz	QPSK	26365	1RB#0	10000~20000	-35.94	PASS
Band25	20MHz	QPSK	26590	1RB#0	30~1000	-59.00	PASS
Band25	20MHz	QPSK	26590	1RB#0	1000~10000	-48.32	PASS
Band25	20MHz	QPSK	26590	1RB#0	10000~20000	-35.98	PASS

TEST GRAPHS

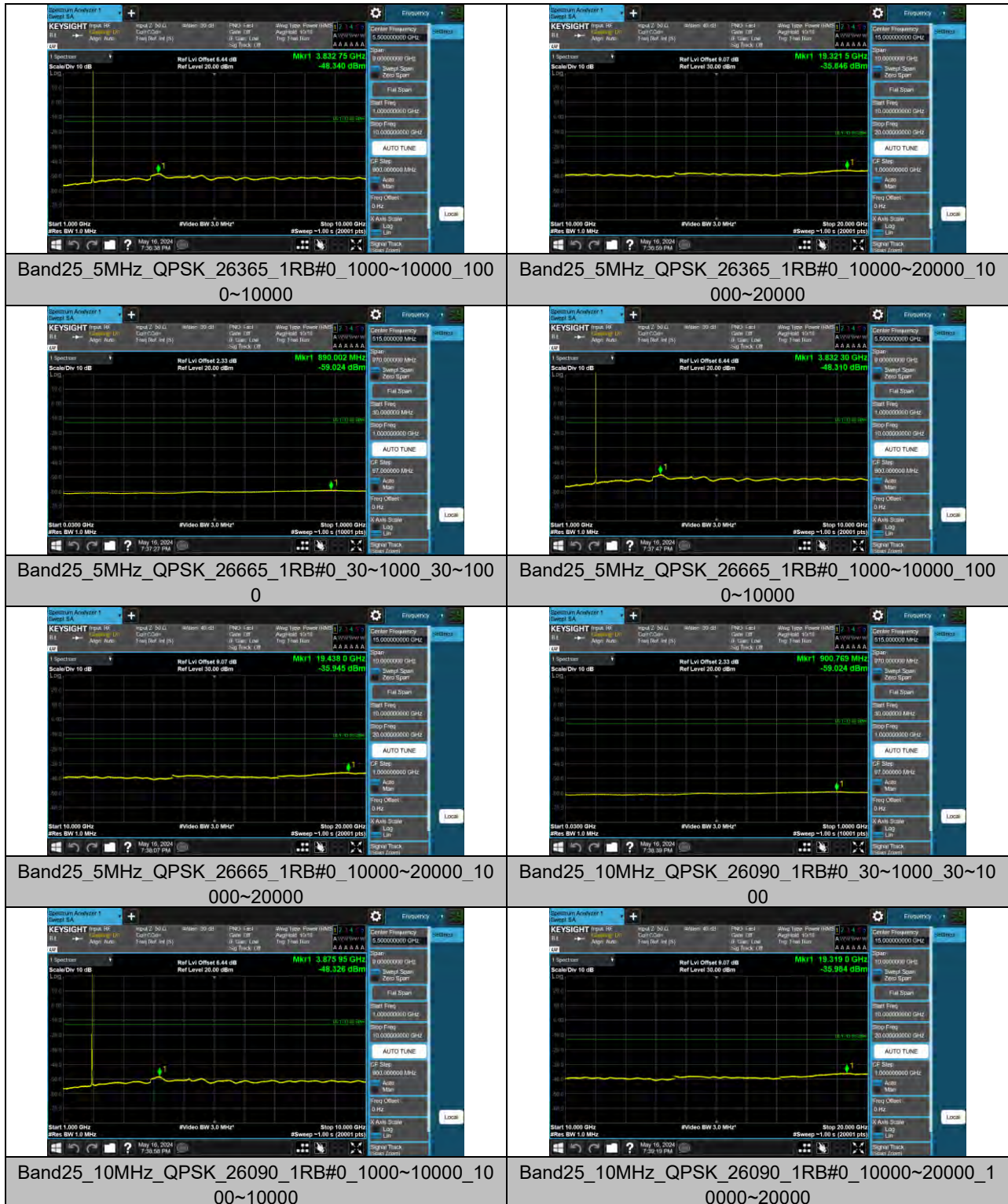






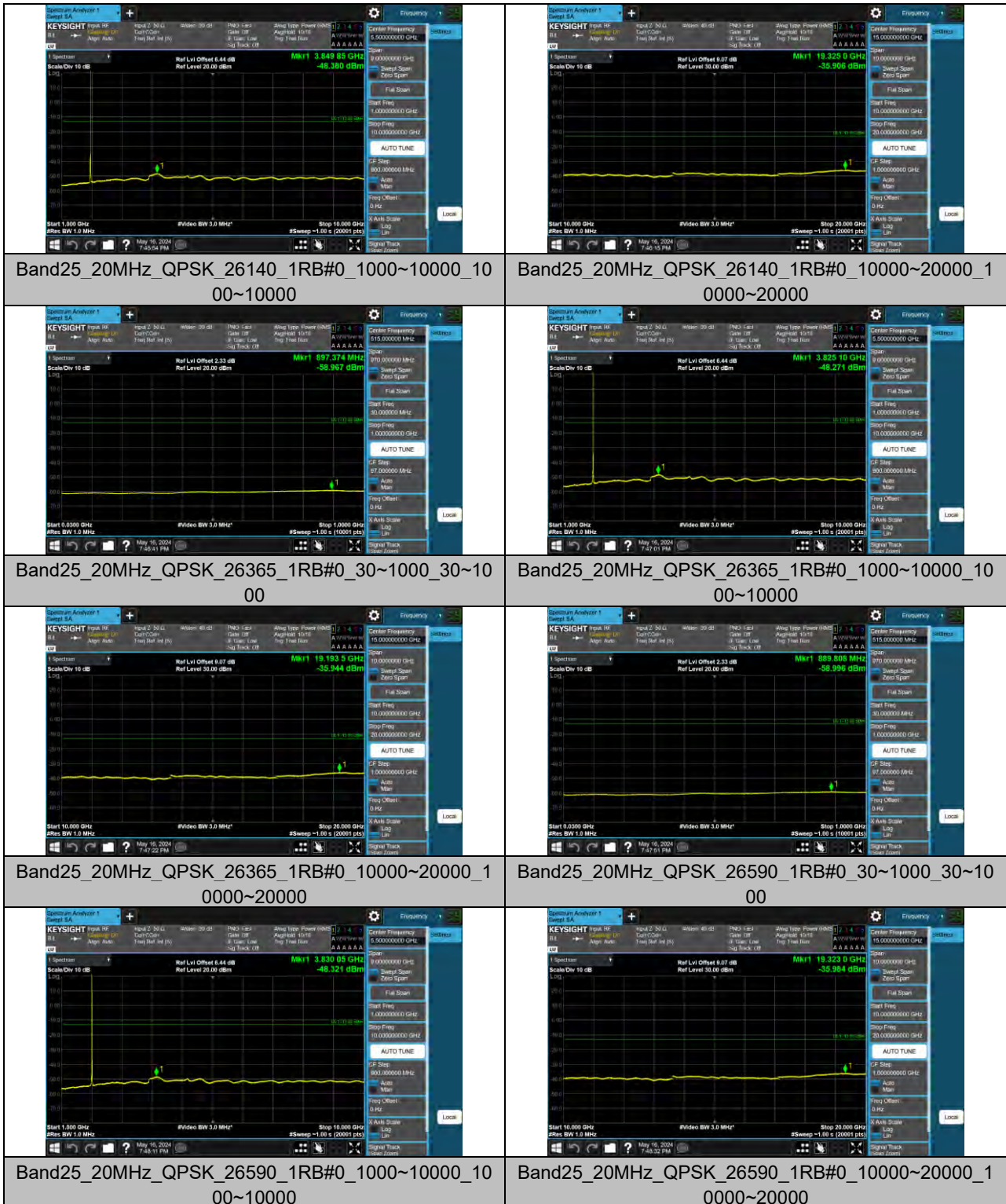


Reference No.: W7L-P24030018RF05









FREQUENCY STABILITY TEST RESULT

Voltage												
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band25	10MHz	QPSK	26090	50RB#0	VN	NT	3200.00	1.73	1850.5309	--	1850-1915	PASS
Band25	10MHz	QPSK	26090	50RB#0	VL	NT	886.38	0.47	1850.53185	--	1850-1915	PASS
Band25	10MHz	QPSK	26090	50RB#0	VH	NT	1910.00	1.03	1850.52916	--	1850-1915	PASS
Band25	10MHz	QPSK	26640	50RB#0	VN	NT	-2020.00	-1.06	--	1914.46893	1850-1915	PASS
Band25	10MHz	QPSK	26640	50RB#0	VL	NT	-1680.00	-0.88	--	1914.46832	1850-1915	PASS
Band25	10MHz	QPSK	26640	50RB#0	VH	NT	-2050.00	-1.07	--	1914.4687	1850-1915	PASS

Temperature												
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band25	10MHz	QPSK	26090	50RB#0	NV	-30	910.16	0.48	1850.53285	--	1850-1915	PASS
Band25	10MHz	QPSK	26090	50RB#0	NV	-20	919.82	0.49	1850.52688	--	1850-1915	PASS
Band25	10MHz	QPSK	26090	50RB#0	NV	-10	912.03	0.48	1850.53405	--	1850-1915	PASS
Band25	10MHz	QPSK	26090	50RB#0	NV	0	815.77	0.43	1850.52981	--	1850-1915	PASS
Band25	10MHz	QPSK	26090	50RB#0	NV	10	640.45	0.34	1850.52834	--	1850-1915	PASS
Band25	10MHz	QPSK	26090	50RB#0	NV	20	547.62	0.29	1850.53683	--	1850-1915	PASS
Band25	10MHz	QPSK	26090	50RB#0	NV	30	433.13	0.23	1850.53257	--	1850-1915	PASS
Band25	10MHz	QPSK	26090	50RB#0	NV	40	397.52	0.21	1850.53071	--	1850-1915	PASS
Band25	10MHz	QPSK	26090	50RB#0	NV	50	355.62	0.19	1850.53059	--	1850-1915	PASS
Band25	10MHz	QPSK	26640	50RB#0	NV	-30	969.27	0.51	--	1914.46807	1850-1915	PASS
Band25	10MHz	QPSK	26640	50RB#0	NV	-20	863.83	0.45	--	1914.4763	1850-1915	PASS
Band25	10MHz	QPSK	26640	50RB#0	NV	-10	772.22	0.40	--	1914.4689	1850-1915	PASS
Band25	10MHz	QPSK	26640	50RB#0	NV	0	707.24	0.37	--	1914.47467	1850-1915	PASS
Band25	10MHz	QPSK	26640	50RB#0	NV	10	594.2	0.31	--	1914.	1850-	PASS



BUREAU
VERITAS

Reference No.: W7L-P24030018RF05

5	z			#0			4			46291	1915	
Band2 5	10MH z	QPSK	26640	50RB #0	NV	20	306.1 6	0.16	--	1914. 46683	1850- 1915	PASS
Band2 5	10MH z	QPSK	26640	50RB #0	NV	30	42.43	0.02	--	1914. 46379	1850- 1915	PASS
Band2 5	10MH z	QPSK	26640	50RB #0	NV	40	-142.0 5	-0.07	--	1914. 47162	1850- 1915	PASS
Band2 5	10MH z	QPSK	26640	50RB #0	NV	50	-254.4 9	-0.13	--	1914. 46752	1850- 1915	PASS

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