



BUREAU VERITAS Test Report No.: PSU-QSU2505080113RF02
CONDUCTED SPURIOUS EMISSION

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	30~1000	-67.04	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	1000~3000	-34.88	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	3000~20000	-45.23	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	30~1000	-67.45	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	1000~3000	-61.07	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	3000~20000	-46.68	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	30~1000	-67.14	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	1000~3000	-48.24	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	3000~20000	-46.66	PASS
Band2	3MHz	QPSK	18615	1RB#0	30~1000	-66.26	PASS
Band2	3MHz	QPSK	18615	1RB#0	1000~3000	-54.99	PASS
Band2	3MHz	QPSK	18615	1RB#0	3000~20000	-46.72	PASS
Band2	3MHz	QPSK	18900	1RB#0	30~1000	-66.40	PASS
Band2	3MHz	QPSK	18900	1RB#0	1000~3000	-60.18	PASS
Band2	3MHz	QPSK	18900	1RB#0	3000~20000	-46.64	PASS
Band2	3MHz	QPSK	19185	1RB#0	30~1000	-67.36	PASS
Band2	3MHz	QPSK	19185	1RB#0	1000~3000	-53.70	PASS
Band2	3MHz	QPSK	19185	1RB#0	3000~20000	-46.60	PASS
Band2	5MHz	QPSK	18625	1RB#0	30~1000	-65.72	PASS
Band2	5MHz	QPSK	18625	1RB#0	1000~3000	-41.19	PASS
Band2	5MHz	QPSK	18625	1RB#0	3000~20000	-46.36	PASS
Band2	5MHz	QPSK	18900	1RB#0	30~1000	-65.42	PASS
Band2	5MHz	QPSK	18900	1RB#0	1000~3000	-59.28	PASS
Band2	5MHz	QPSK	18900	1RB#0	3000~20000	-46.65	PASS
Band2	5MHz	QPSK	19175	1RB#0	30~1000	-66.25	PASS
Band2	5MHz	QPSK	19175	1RB#0	1000~3000	-57.38	PASS
Band2	5MHz	QPSK	19175	1RB#0	3000~20000	-45.37	PASS
Band2	10MHz	QPSK	18650	1RB#0	30~1000	-66.15	PASS
Band2	10MHz	QPSK	18650	1RB#0	1000~3000	-52.50	PASS
Band2	10MHz	QPSK	18650	1RB#0	3000~20000	-45.42	PASS
Band2	10MHz	QPSK	18900	1RB#0	30~1000	-68.01	PASS
Band2	10MHz	QPSK	18900	1RB#0	1000~3000	-59.64	PASS
Band2	10MHz	QPSK	18900	1RB#0	3000~20000	-47.07	PASS
Band2	10MHz	QPSK	19150	1RB#0	30~1000	-66.24	PASS
Band2	10MHz	QPSK	19150	1RB#0	1000~3000	-53.95	PASS
Band2	10MHz	QPSK	19150	1RB#0	3000~20000	-45.72	PASS
Band2	15MHz	QPSK	18675	1RB#0	30~1000	-67.12	PASS
Band2	15MHz	QPSK	18675	1RB#0	1000~3000	-55.15	PASS
Band2	15MHz	QPSK	18675	1RB#0	3000~20000	-45.79	PASS
Band2	15MHz	QPSK	18900	1RB#0	30~1000	-66.42	PASS
Band2	15MHz	QPSK	18900	1RB#0	1000~3000	-51.97	PASS
Band2	15MHz	QPSK	18900	1RB#0	3000~20000	-46.14	PASS
Band2	15MHz	QPSK	19125	1RB#0	30~1000	-67.23	PASS
Band2	15MHz	QPSK	19125	1RB#0	1000~3000	-52.16	PASS
Band2	15MHz	QPSK	19125	1RB#0	3000~20000	-46.76	PASS
Band2	20MHz	QPSK	18700	1RB#0	30~1000	-66.92	PASS
Band2	20MHz	QPSK	18700	1RB#0	1000~3000	-51.27	PASS
Band2	20MHz	QPSK	18700	1RB#0	3000~20000	-46.47	PASS
Band2	20MHz	QPSK	18900	1RB#0	30~1000	-66.92	PASS



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Band2	20MHz	QPSK	18900	1RB#0	1000~3000	-56.72	PASS
Band2	20MHz	QPSK	18900	1RB#0	3000~20000	-46.87	PASS
Band2	20MHz	QPSK	19100	1RB#0	30~1000	-67.46	PASS
Band2	20MHz	QPSK	19100	1RB#0	1000~3000	-49.64	PASS
Band2	20MHz	QPSK	19100	1RB#0	3000~20000	-46.45	PASS

Test Graphs



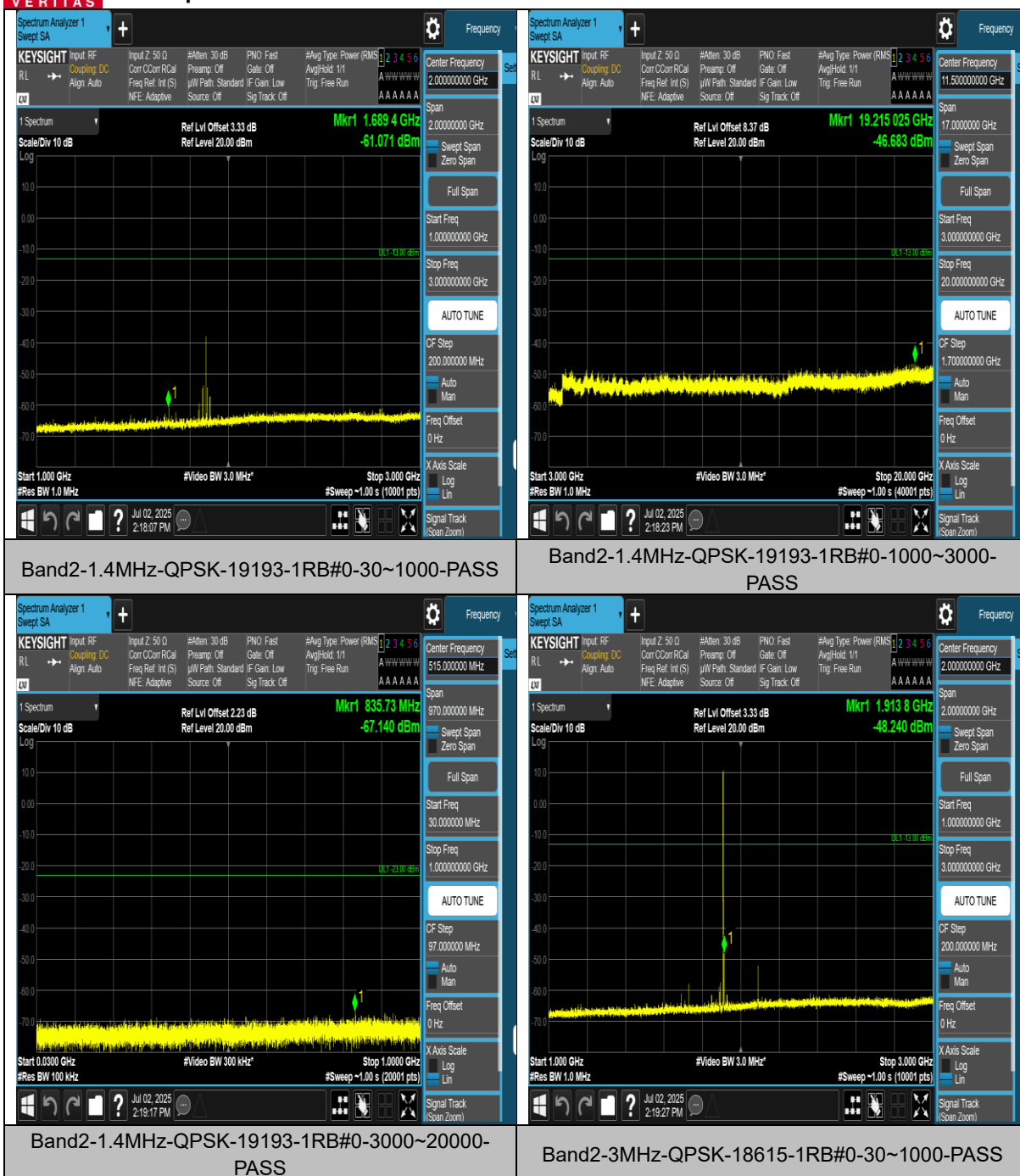
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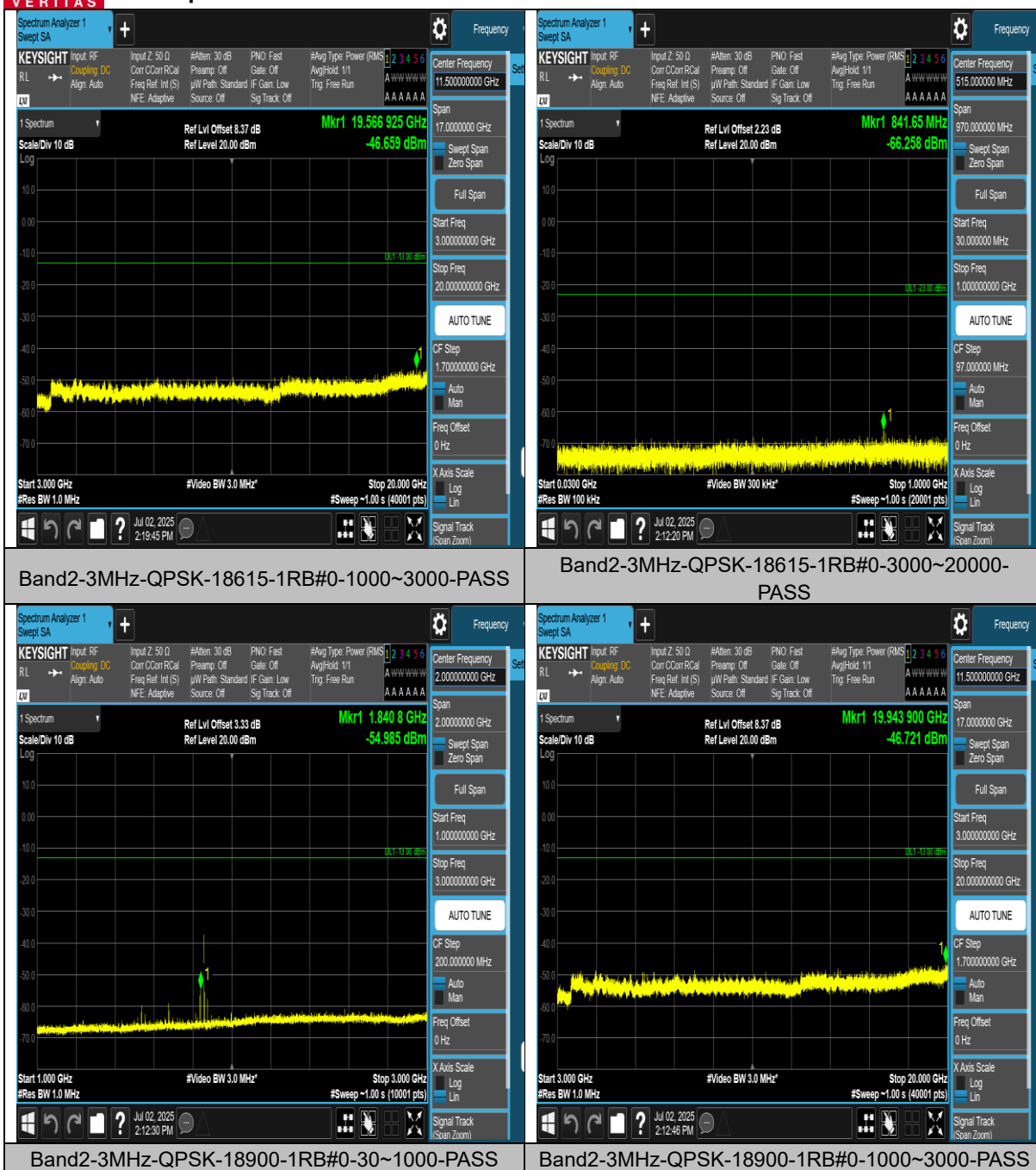


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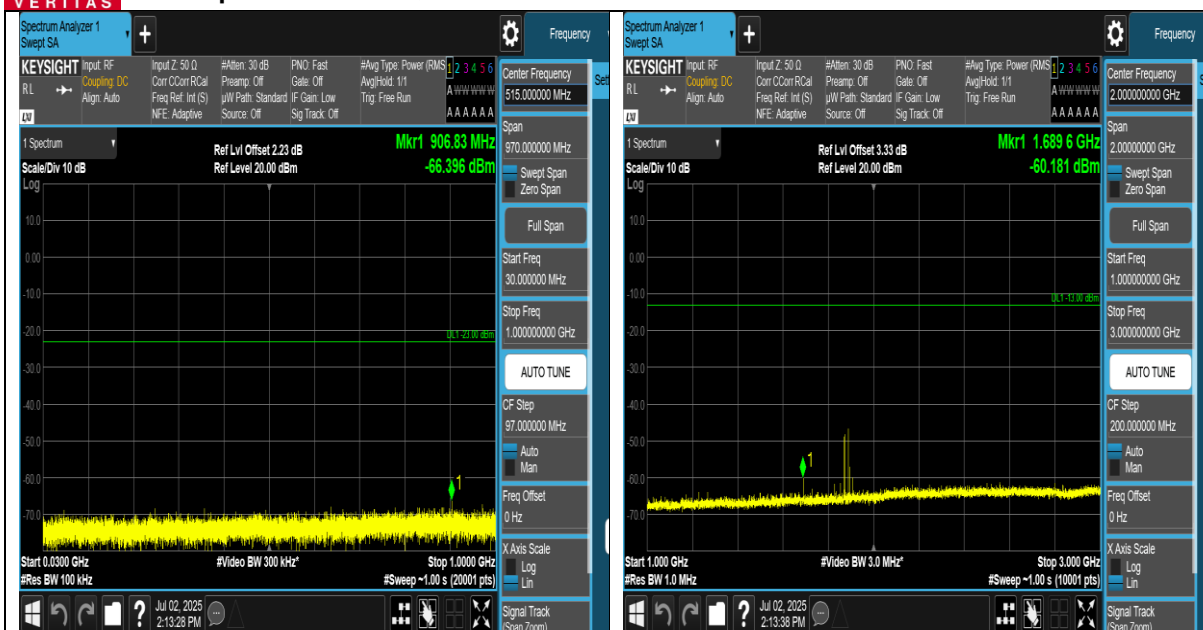
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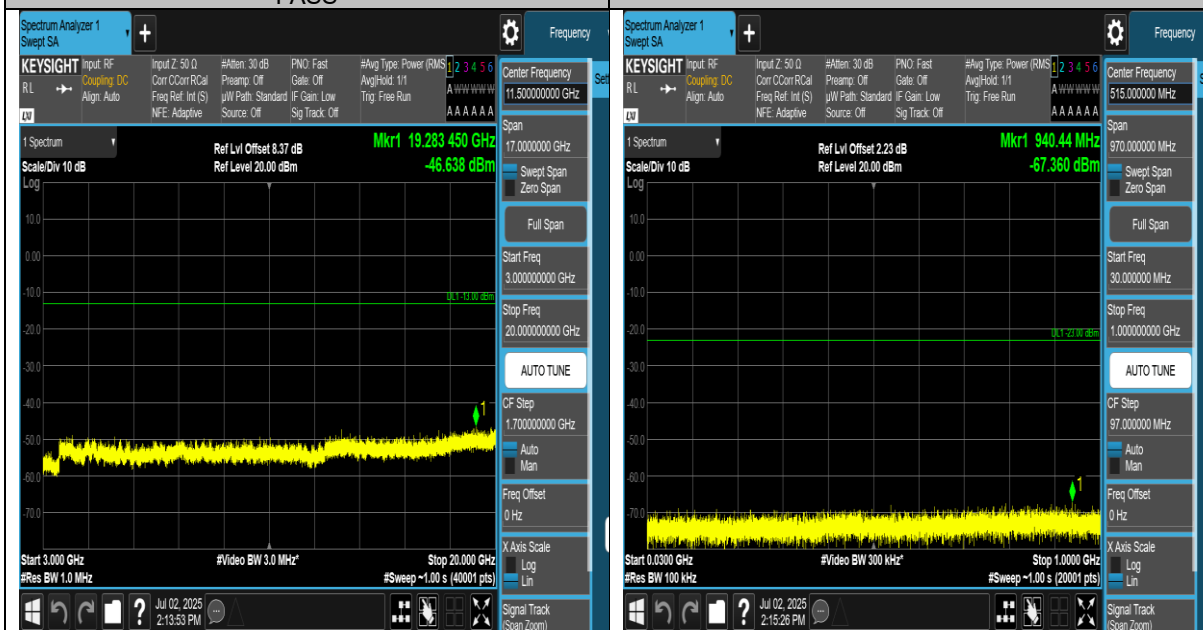


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Band2-3MHz-QPSK-18900-1RB#0-3000~20000-PASS

Band2-3MHz-QPSK-19185-1RB#0-30~1000-PASS

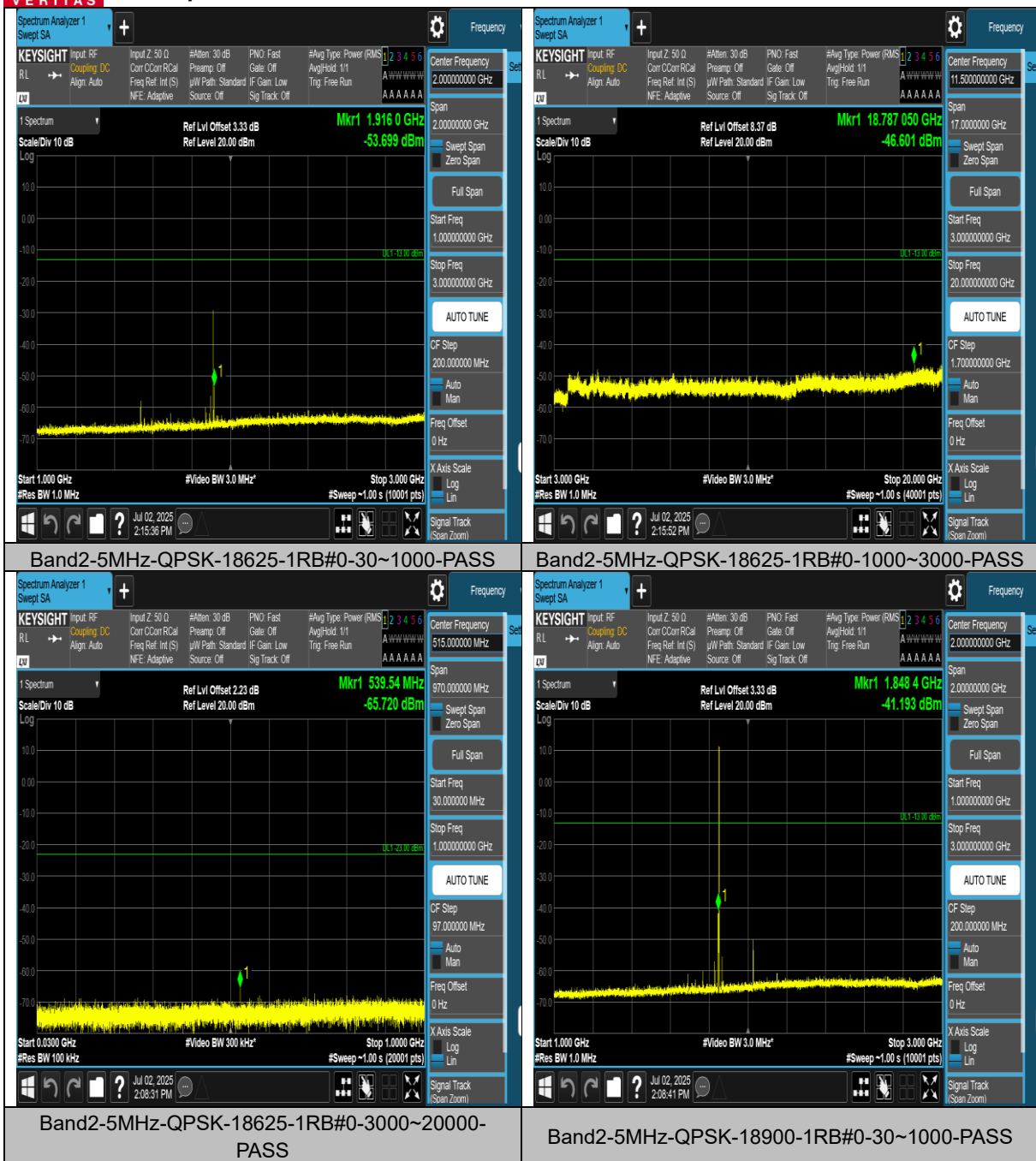


Band2-3MHz-QPSK-19185-1RB#0-1000~3000-PASS

Band2-3MHz-QPSK-19185-1RB#0-3000~20000-PASS



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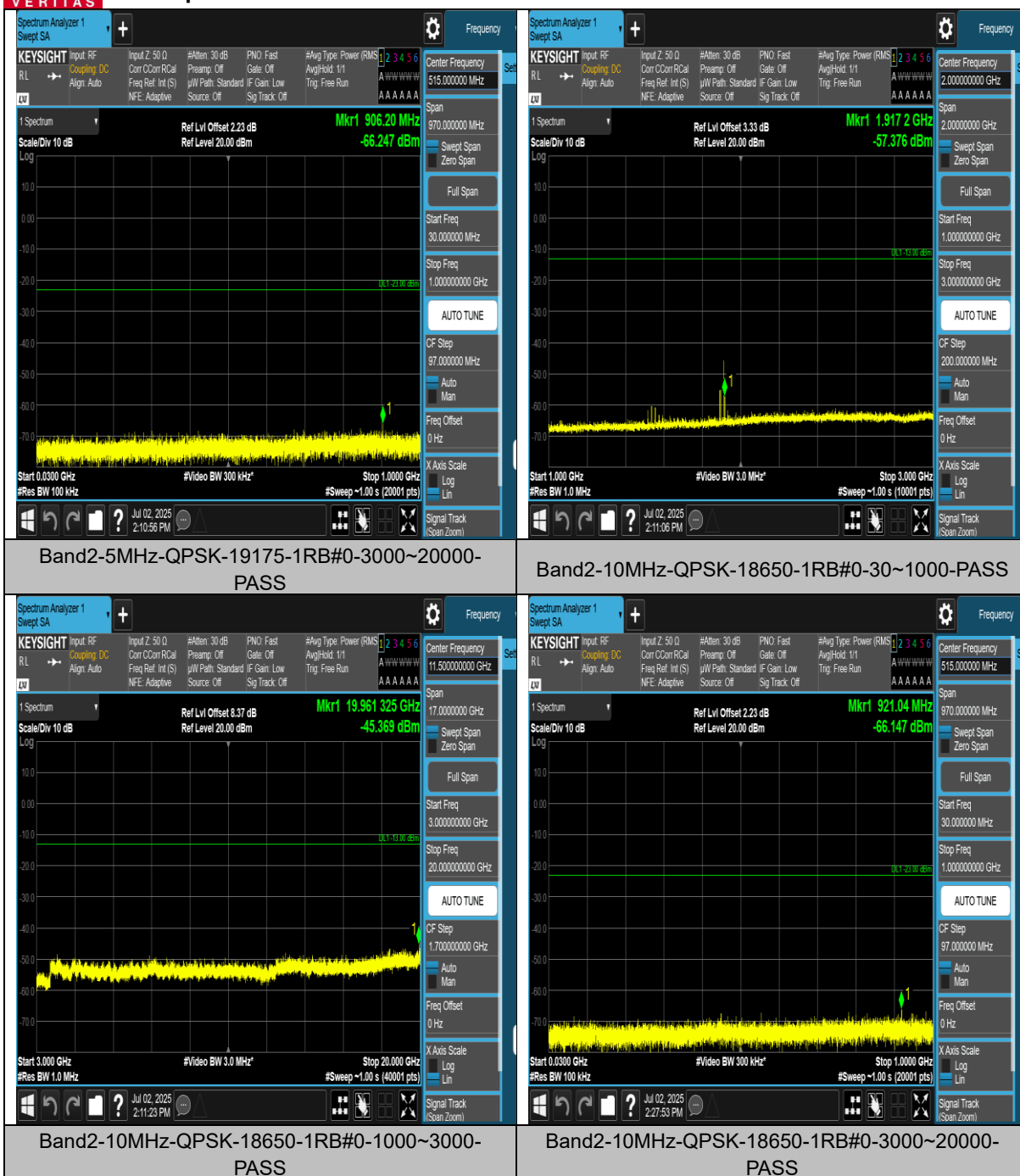
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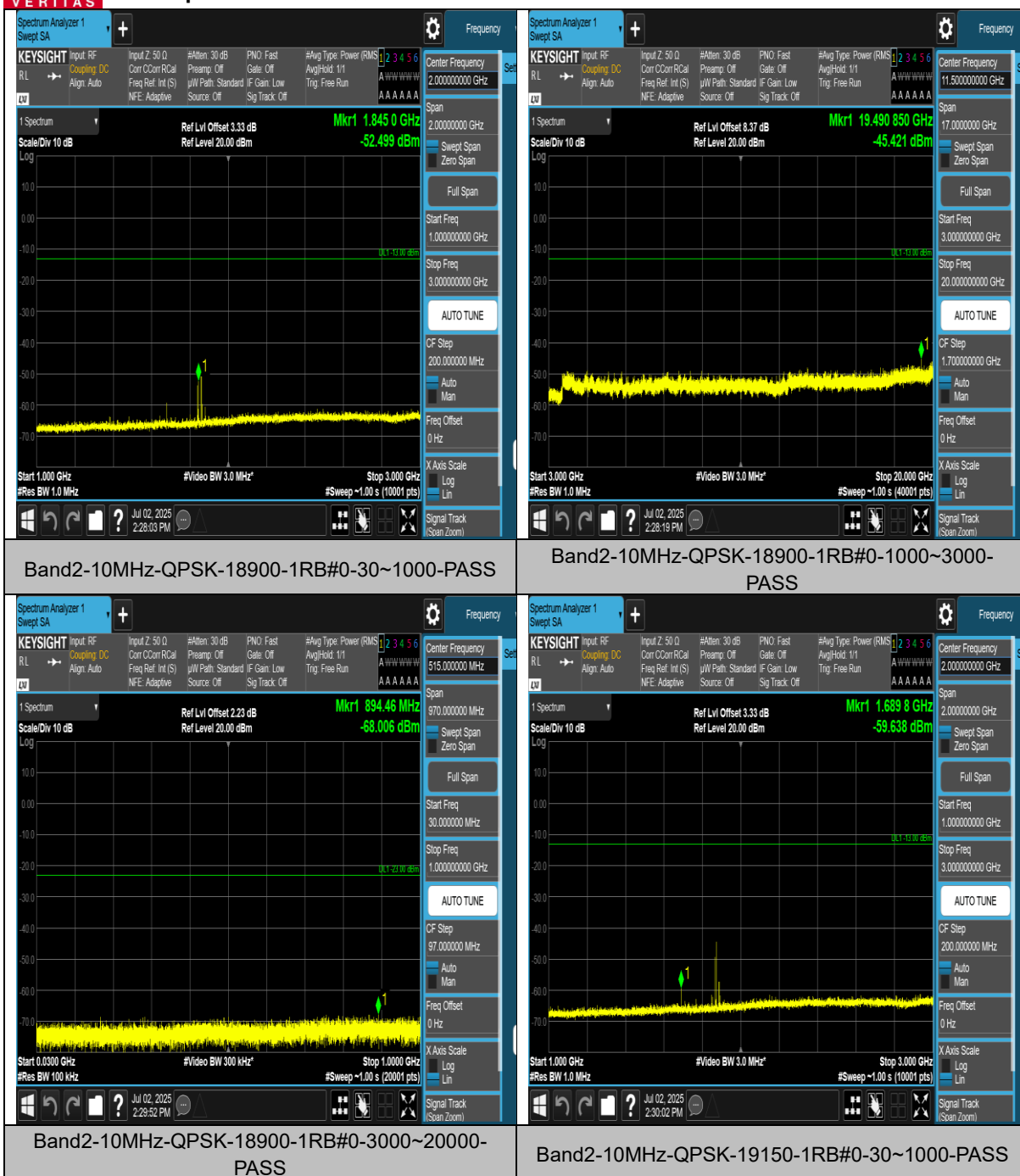
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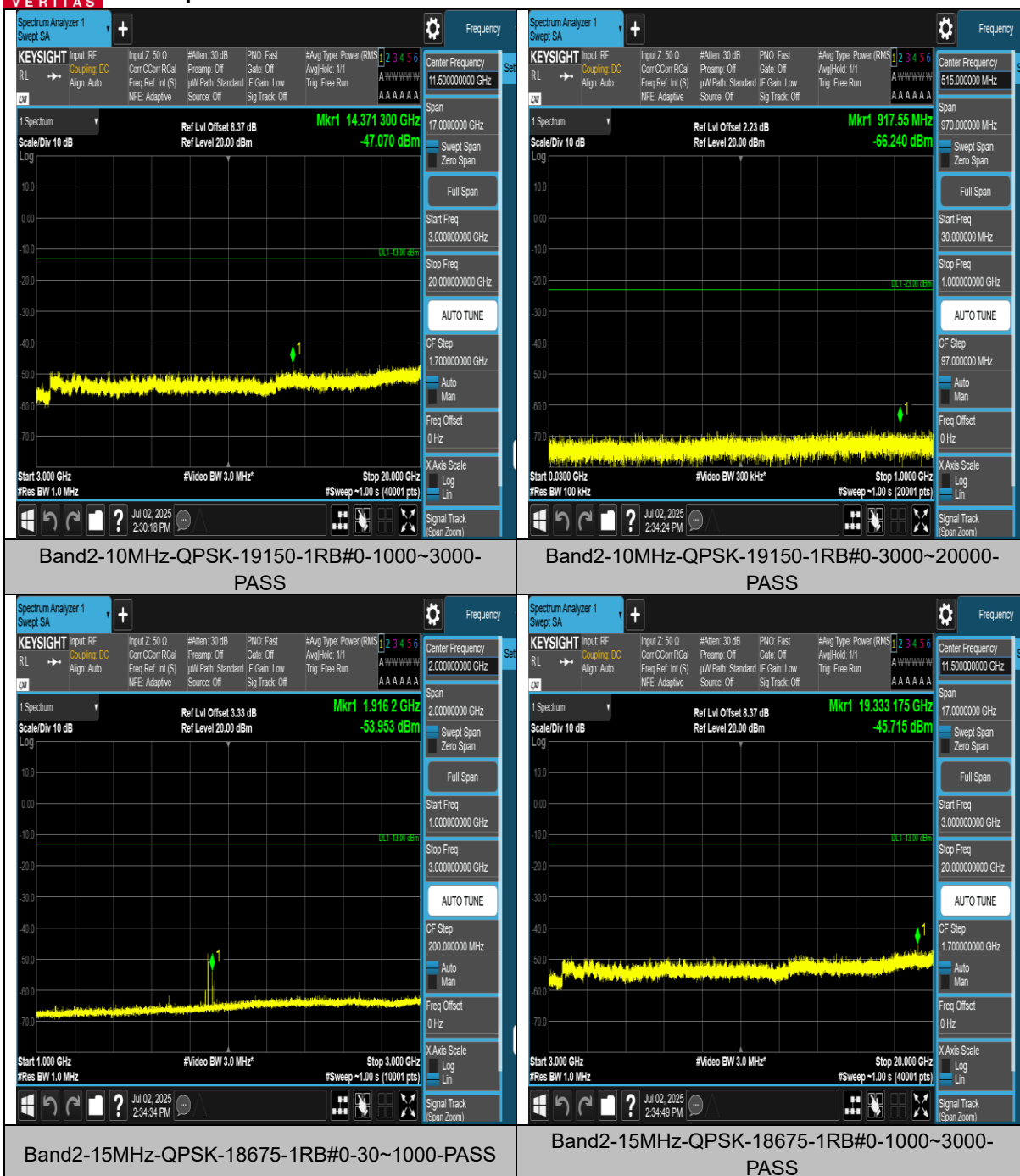
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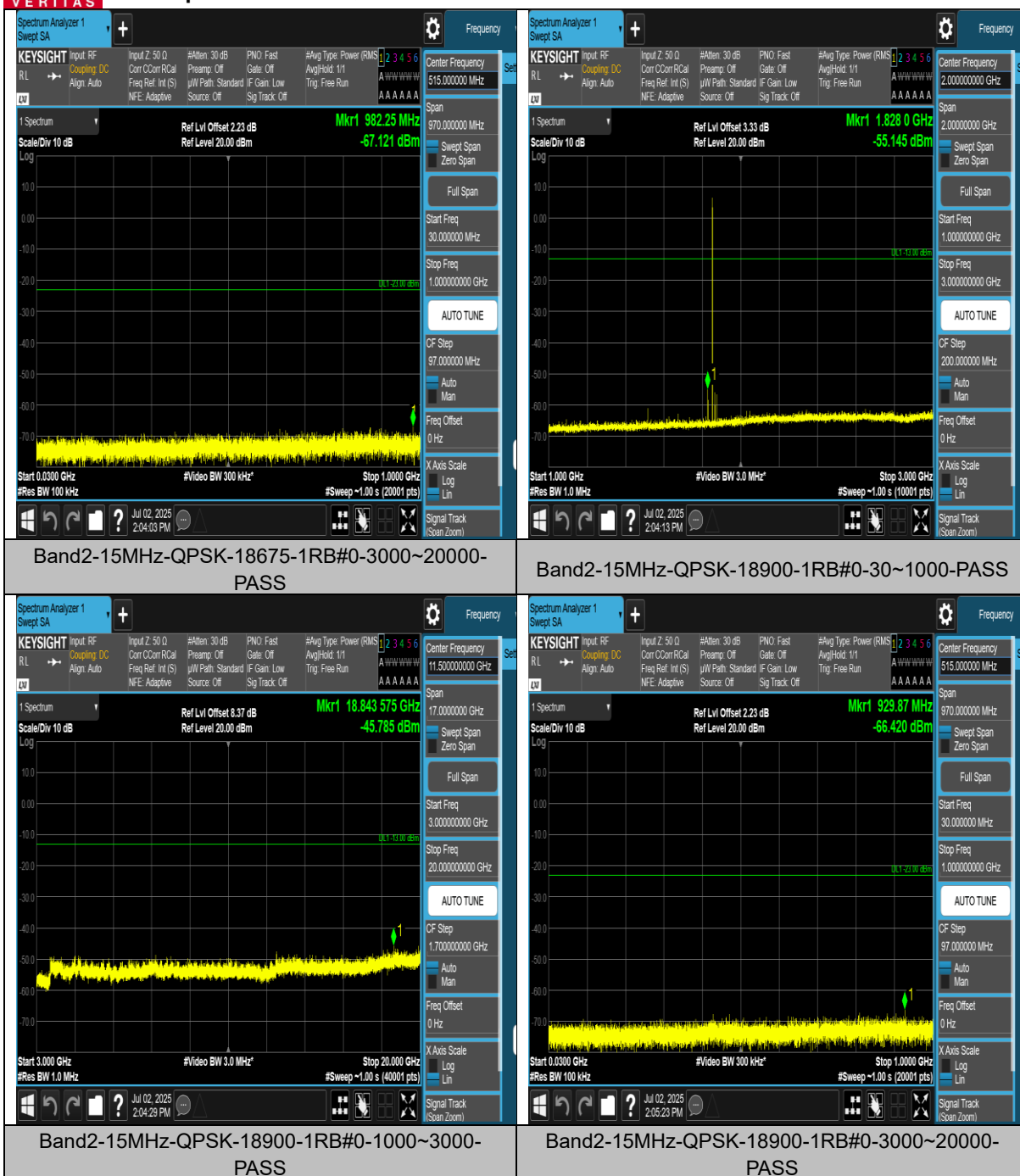


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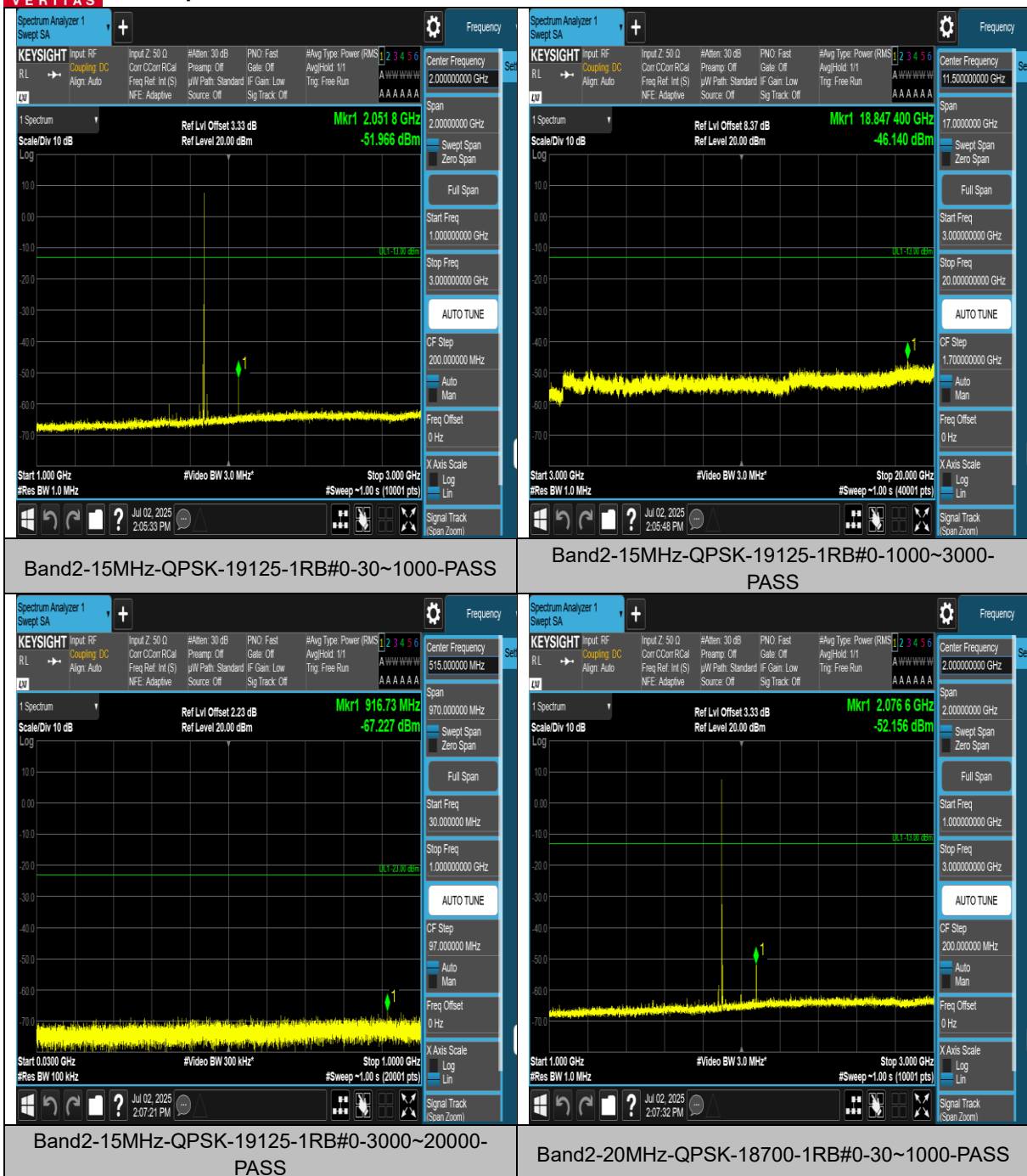
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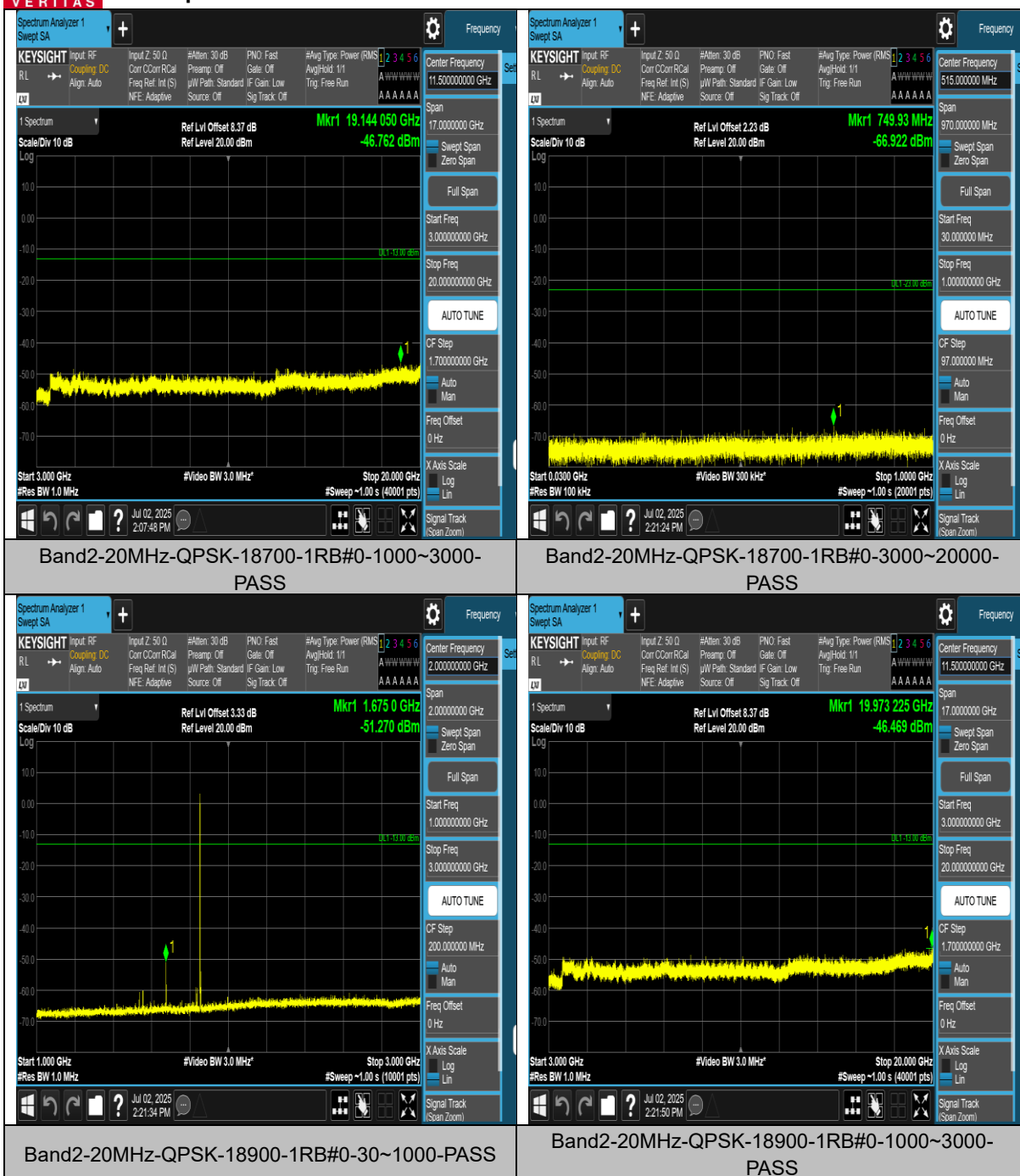
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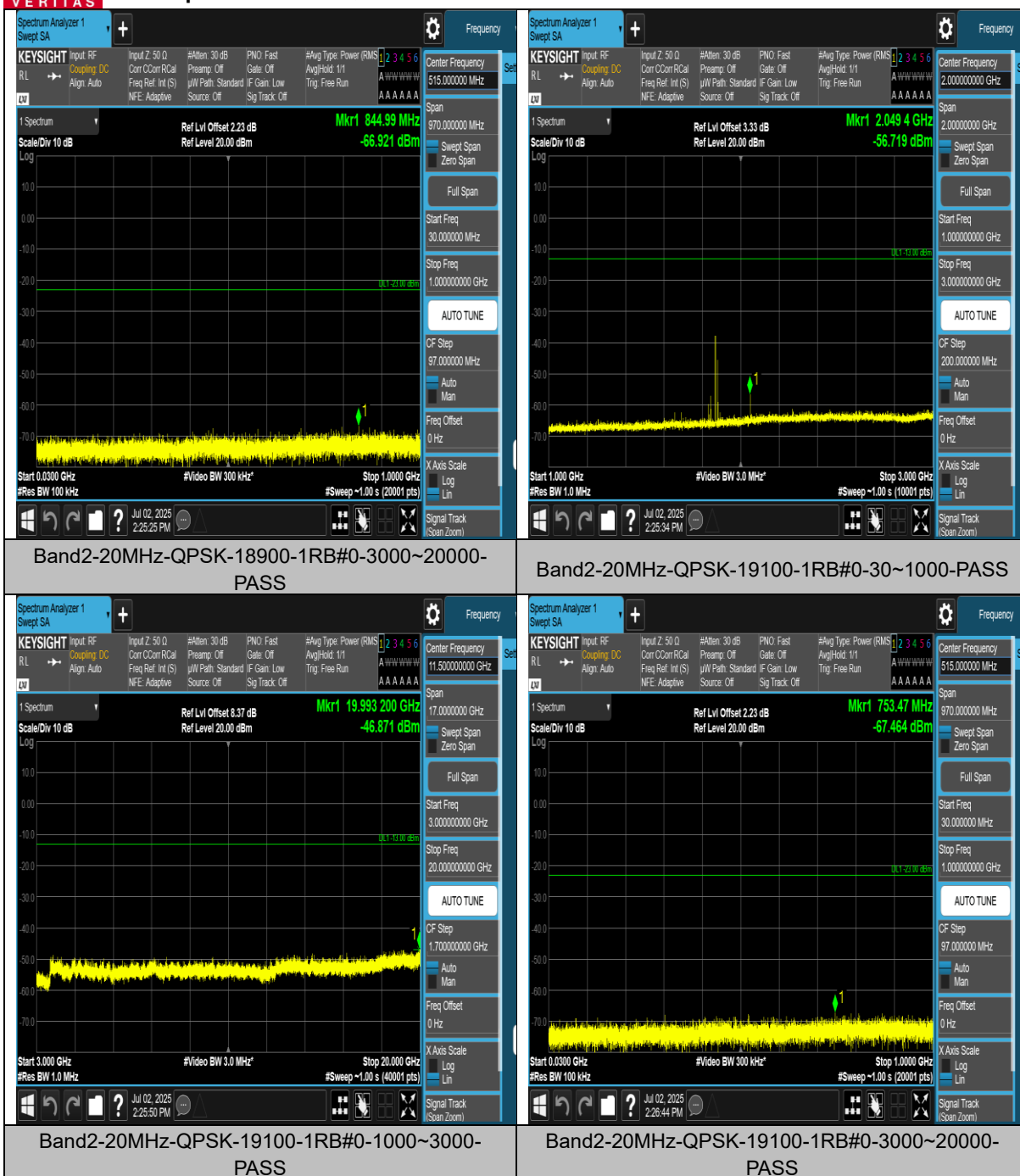


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FREQUENCY STABILITY

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band 2	10MHz	QPSK	18650	6RB#0	VN	NT	450.62	0.242922	±2.5	PASS
Band 2	10MHz	QPSK	18650	6RB#0	VL	NT	444.53	0.239639	±2.5	PASS
Band 2	10MHz	QPSK	18650	6RB#0	VH	NT	441.73	0.238129	±2.5	PASS
Band 2	10MHz	QPSK	19150	6RB#0	VN	NT	1862.73	0.977811	±2.5	PASS
Band 2	10MHz	QPSK	19150	6RB#0	VL	NT	1751.27	0.919302	±2.5	PASS
Band 2	10MHz	QPSK	19150	6RB#0	VH	NT	914.7	0.480157	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band 2	10MHz	QPSK	18650	6RB#0	NV	-30	362.35	0.195337	±2.5	PASS
Band 2	10MHz	QPSK	18650	6RB#0	NV	-20	361.16	0.194695	±2.5	PASS
Band 2	10MHz	QPSK	18650	6RB#0	NV	-10	369.45	0.199164	±2.5	PASS
Band 2	10MHz	QPSK	18650	6RB#0	NV	0	363.91	0.196178	±2.5	PASS
Band 2	10MHz	QPSK	18650	6RB#0	NV	10	373.04	0.201100	±2.5	PASS
Band 2	10MHz	QPSK	18650	6RB#0	NV	20	359.85	0.193989	±2.5	PASS
Band 2	10MHz	QPSK	18650	6RB#0	NV	30	368.32	0.198555	±2.5	PASS
Band 2	10MHz	QPSK	18650	6RB#0	NV	40	1368.5	0.737736	±2.5	PASS
Band 2	10MHz	QPSK	18650	6RB#0	NV	50	1362.92	0.734728	±2.5	PASS
Band 2	10MHz	QPSK	19150	6RB#0	NV	-30	483.57	0.253843	±2.5	PASS
Band 2	10MHz	QPSK	19150	6RB#0	NV	-20	489.43	0.256919	±2.5	PASS
Band 2	10MHz	QPSK	19150	6RB#0	NV	-10	482.82	0.253449	±2.5	PASS
Band 2	10MHz	QPSK	19150	6RB#0	NV	0	474.53	0.249097	±2.5	PASS
Band 2	10MHz	QPSK	19150	6RB#0	NV	10	493.27	0.258934	±2.5	PASS



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Band 2	10MHz	QPSK	19150	6RB#0	NV	20	494.0 7	0.2593 54	±2.5	PAS S
Band 2	10MHz	QPSK	19150	6RB#0	NV	30	486.4 1	0.2553 33	±2.5	PAS S
Band 2	10MHz	QPSK	19150	6RB#0	NV	40	474.1 5	0.2488 98	±2.5	PAS S
Band 2	10MHz	QPSK	19150	6RB#0	NV	50	491.0 0	0.2577 43	±2.5	PAS S

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