

Appendix Test Data

Report No.:	1812C40114912505	Test Sample No.:	1-2-2
Start Test Date:	2024.10.30	Finish Test Date:	2024.11.4
Test Engineer:	<i>Joker Wang</i>	Auditor:	<i>Justin Feng</i>
Temperature:	24.3°C	Relative Humidity:	57 %
Pressure:	101 kPa		

Appendix A: Conducted Output Power

Test Result

Band	Channel	Power(dBm)	Limit(dBm)	Verdict
Band2	9262	24.46	33.01	PASS
Band2	9400	24.86	33.01	PASS
Band2	9538	24.99	33.01	PASS

Band	Channel	SubTest	Power(dBm)	Limit(dBm)	Verdict
Band2	9262	1	23.72	33.01	PASS
Band2	9400	1	23.99	33.01	PASS
Band2	9538	1	24.24	33.01	PASS
Band2	9262	2	23.25	33.01	PASS
Band2	9400	2	23.57	33.01	PASS
Band2	9538	2	23.75	33.01	PASS
Band2	9262	3	23.27	33.01	PASS
Band2	9400	3	23.60	33.01	PASS
Band2	9538	3	23.78	33.01	PASS
Band2	9262	4	23.25	33.01	PASS
Band2	9400	4	23.60	33.01	PASS
Band2	9538	4	23.78	33.01	PASS

Band	Channel	SubTest	Power(dBm)	Limit(dBm)	Verdict
Band2	9262	1	23.22	33.01	PASS
Band2	9400	1	23.44	33.01	PASS
Band2	9538	1	23.52	33.01	PASS
Band2	9262	2	22.67	33.01	PASS
Band2	9400	2	22.59	33.01	PASS
Band2	9538	2	22.63	33.01	PASS
Band2	9262	3	22.32	33.01	PASS

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Band2	9400	3	22.75	33.01	PASS
Band2	9538	3	22.87	33.01	PASS
Band2	9262	4	23.00	33.01	PASS
Band2	9400	4	23.03	33.01	PASS
Band2	9538	4	23.05	33.01	PASS
Band2	9262	5	24.17	33.01	PASS
Band2	9400	5	23.96	33.01	PASS
Band2	9538	5	24.23	33.01	PASS

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Appendix B: Peak-to-Average Ratio

Test Result

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dBm)	Verdict
Band2	9262	3.1	13	PASS
Band2	9400	3.07	13	PASS
Band2	9538	3.06	13	PASS

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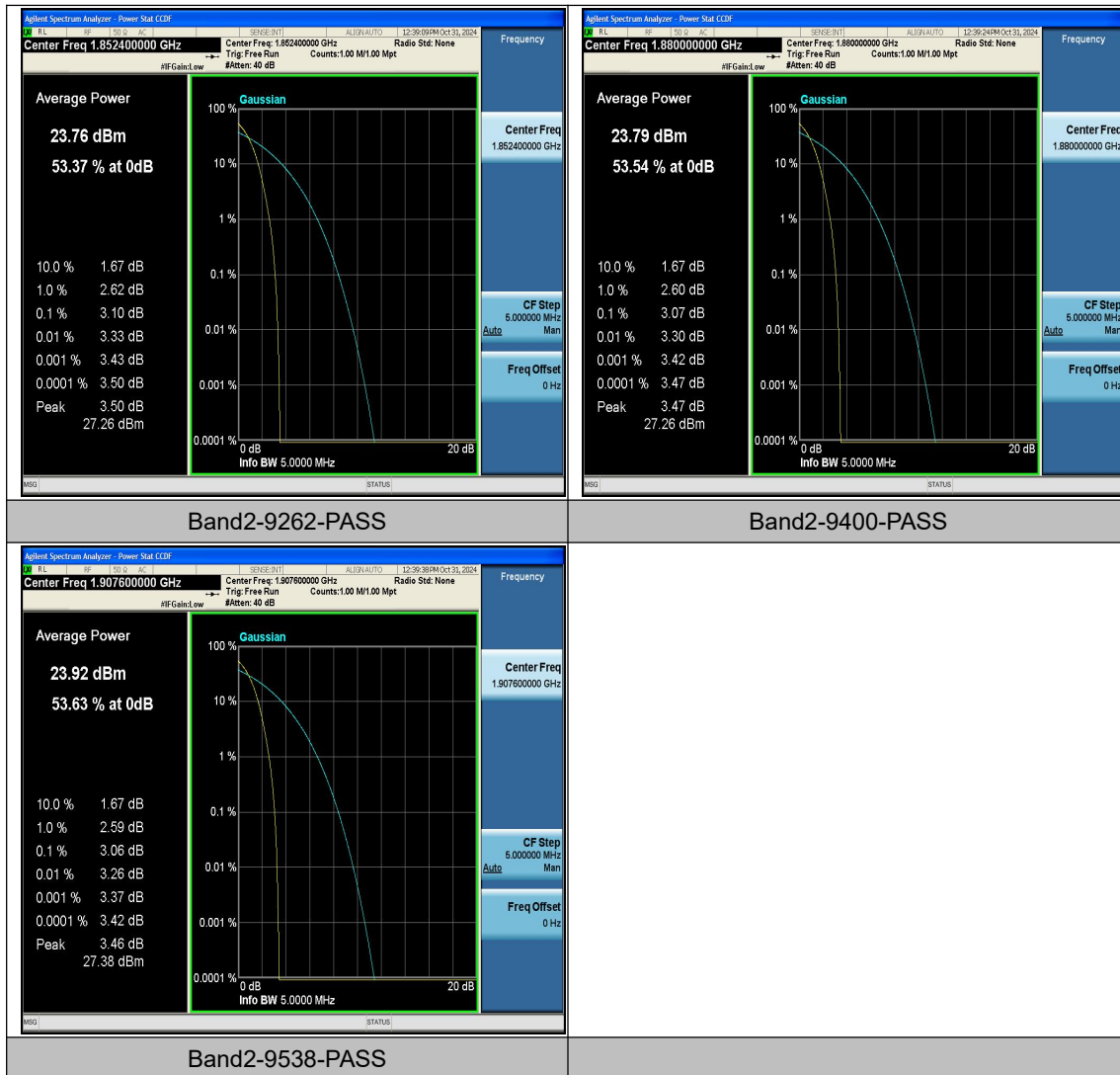
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Test Graphs



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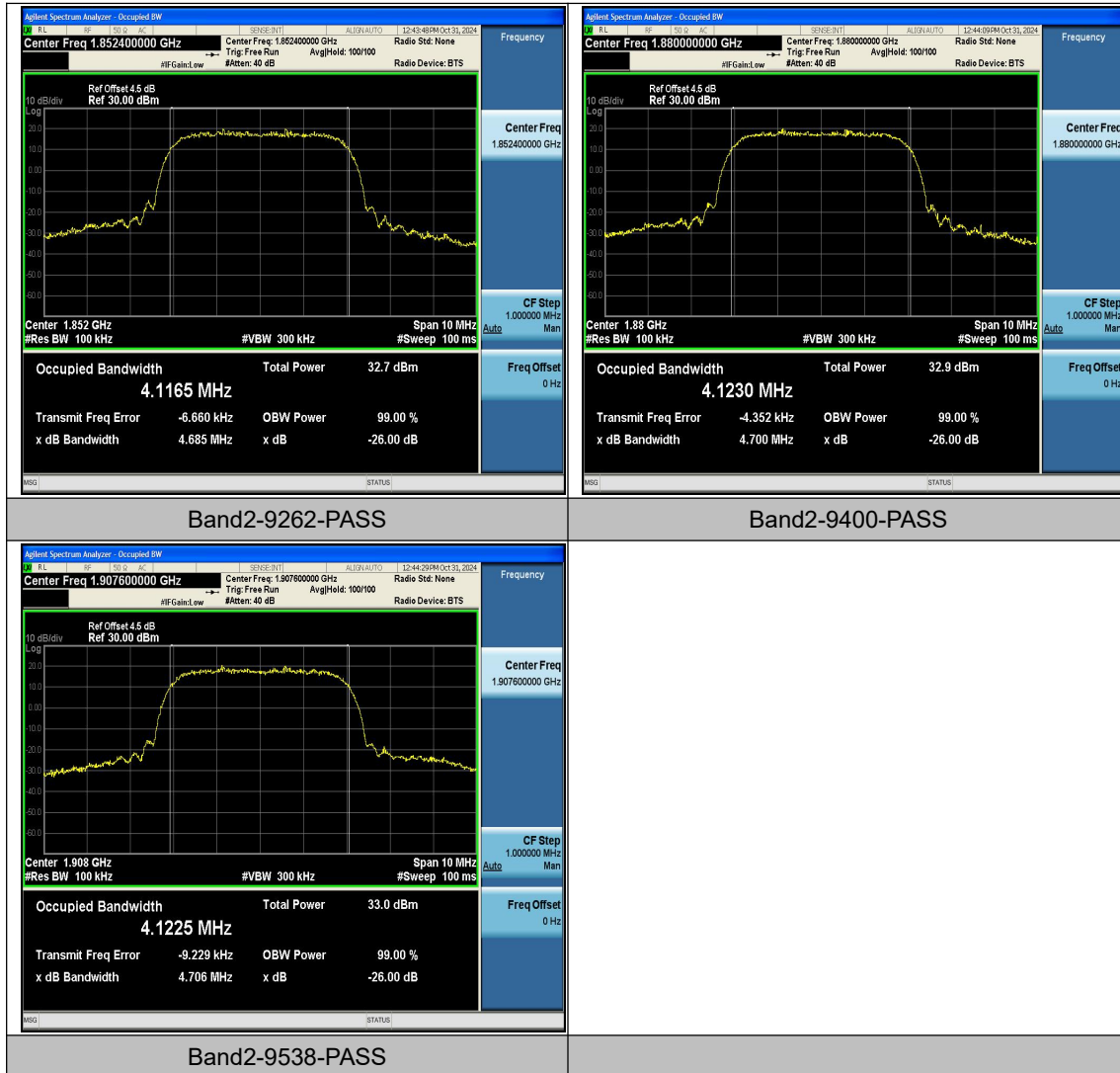
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(kHz)	Verdict
Band2	9262	4.1165	4.685	---	PASS
Band2	9400	4.1230	4.700	---	PASS
Band2	9538	4.1225	4.706	---	PASS



Test Graphs



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Appendix D: Band Edge

Test Result

Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band2	9262	1850.00	-26.67	-13	PASS
Band2	9538	1910.00	-25.84	-13	PASS

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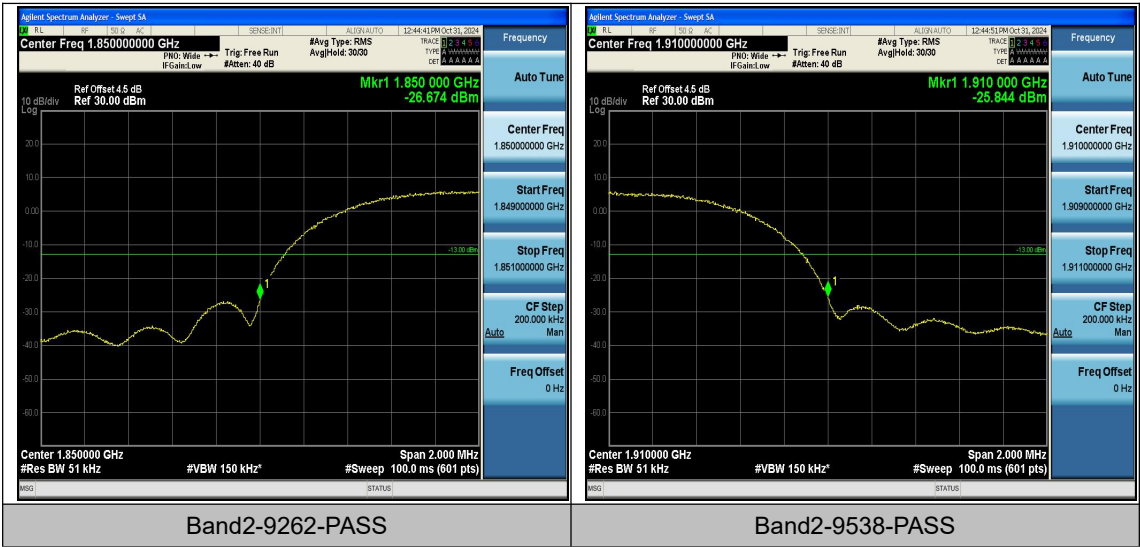
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Test Graphs



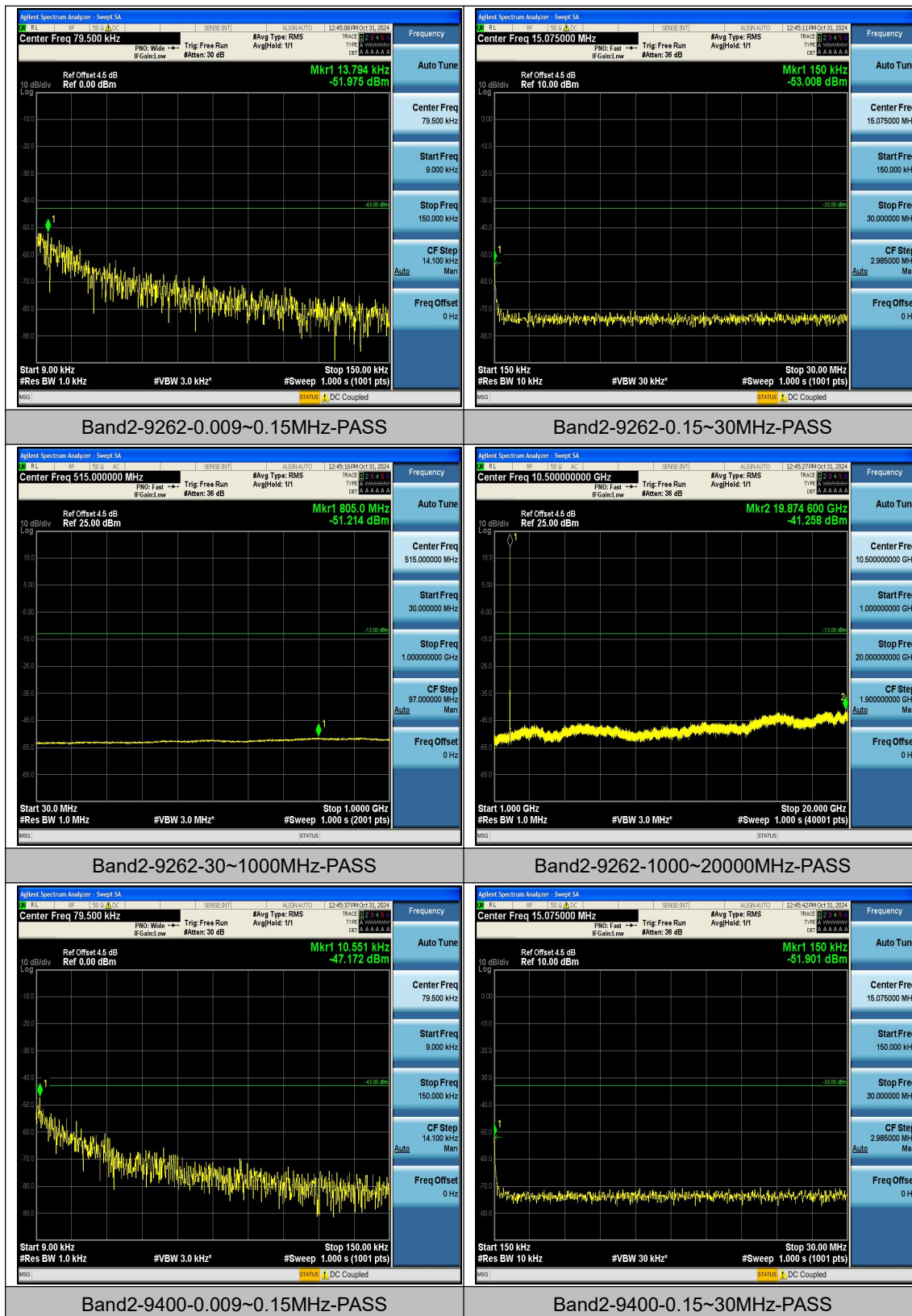
Appendix E: Conducted Spurious Emission

Test Result

Band	Channel	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band2	9262	0.009~0.15MHz	0.01	-51.98	-43	PASS
Band2	9262	0.15~30MHz	0.15	-53.01	-33	PASS
Band2	9262	30~1000MHz	805.03	-51.21	-13	PASS
Band2	9262	1000~20000MHz	19874.6	-41.26	-13	PASS
Band2	9400	0.009~0.15MHz	0.01	-47.17	-43	PASS
Band2	9400	0.15~30MHz	0.15	-51.9	-33	PASS
Band2	9400	30~1000MHz	895.73	-51.32	-13	PASS
Band2	9400	1000~20000MHz	19471.33	-40.85	-13	PASS
Band2	9538	0.009~0.15MHz	0.01	-44.77	-43	PASS
Band2	9538	0.15~30MHz	0.15	-51.51	-33	PASS
Band2	9538	30~1000MHz	794.36	-51.2	-13	PASS
Band2	9538	1000~20000MHz	19448.53	-40.91	-13	PASS



Test Graphs

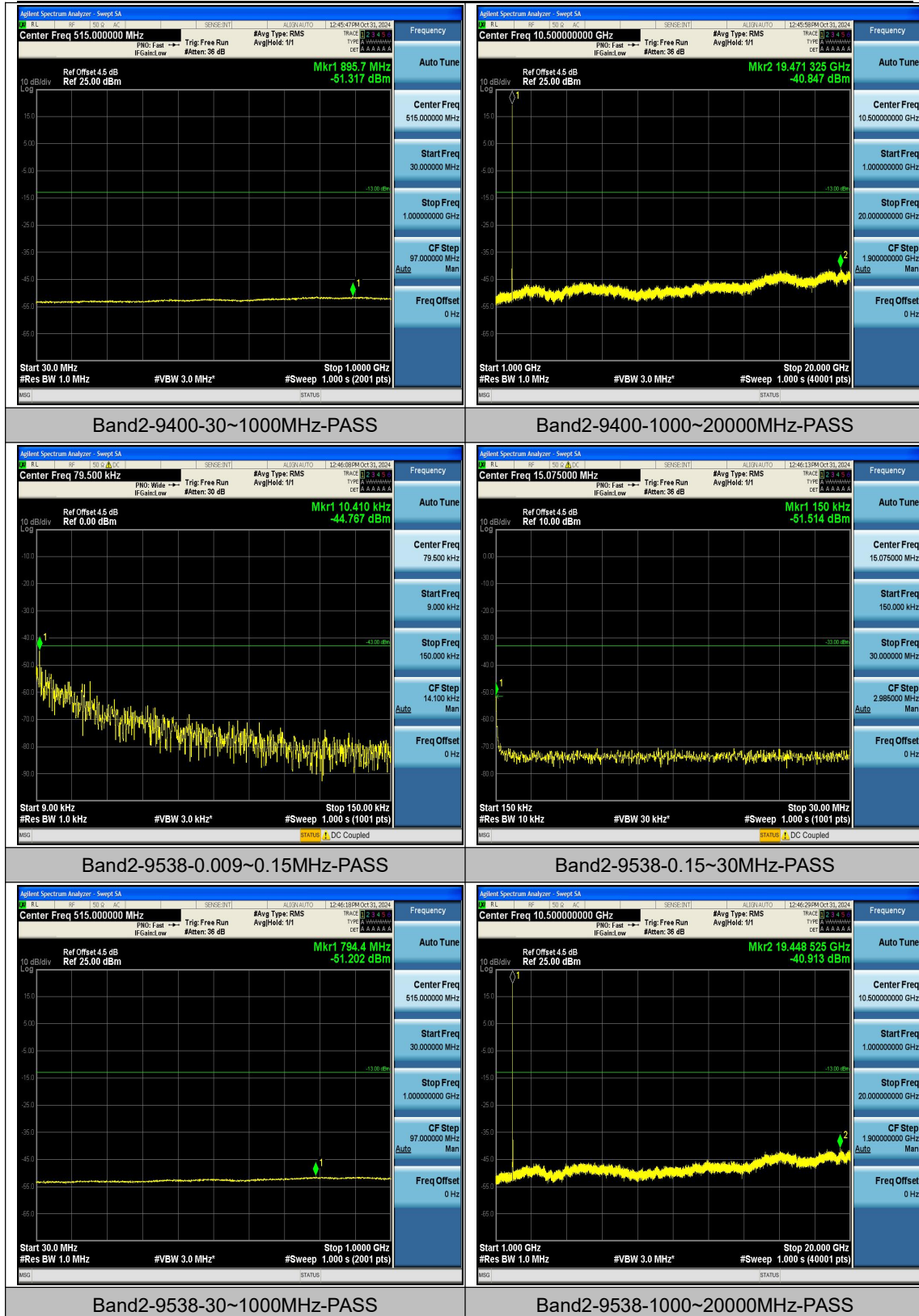


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Appendix F: Frequency Stability

Test Result

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	VN	NT	1.67	0.000902	±2.5	PASS
Band2	9262	VL	NT	5.17	0.002791	±2.5	PASS
Band2	9262	VH	NT	3.45	0.001862	±2.5	PASS
Band2	9400	VN	NT	-0.85	-0.000452	±2.5	PASS
Band2	9400	VL	NT	-0.47	-0.000250	±2.5	PASS
Band2	9400	VH	NT	0.52	0.000277	±2.5	PASS
Band2	9538	VN	NT	-5.04	-0.002642	±2.5	PASS
Band2	9538	VL	NT	-3.30	-0.001730	±2.5	PASS
Band2	9538	VH	NT	-4.10	-0.002149	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	NV	-30	2.22	0.001198	±2.5	PASS
Band2	9262	NV	-20	3.87	0.002089	±2.5	PASS
Band2	9262	NV	-10	3.80	0.002051	±2.5	PASS
Band2	9262	NV	0	4.08	0.002203	±2.5	PASS
Band2	9262	NV	10	4.42	0.002386	±2.5	PASS
Band2	9262	NV	20	6.87	0.003709	±2.5	PASS
Band2	9262	NV	30	4.21	0.002273	±2.5	PASS
Band2	9262	NV	40	4.35	0.002348	±2.5	PASS
Band2	9262	NV	50	4.76	0.002570	±2.5	PASS
Band2	9400	NV	-30	-0.24	-0.000128	±2.5	PASS
Band2	9400	NV	-20	-0.22	-0.000117	±2.5	PASS
Band2	9400	NV	-10	0.21	0.000112	±2.5	PASS
Band2	9400	NV	0	-0.38	-0.000202	±2.5	PASS
Band2	9400	NV	10	-0.66	-0.000351	±2.5	PASS
Band2	9400	NV	20	0.08	0.000043	±2.5	PASS
Band2	9400	NV	30	0.06	0.000032	±2.5	PASS
Band2	9400	NV	40	-0.45	-0.000239	±2.5	PASS
Band2	9400	NV	50	0.33	0.000176	±2.5	PASS
Band2	9538	NV	-30	-3.38	-0.001772	±2.5	PASS
Band2	9538	NV	-20	-4.78	-0.002506	±2.5	PASS
Band2	9538	NV	-10	-2.83	-0.001484	±2.5	PASS
Band2	9538	NV	0	-2.62	-0.001373	±2.5	PASS
Band2	9538	NV	10	-1.89	-0.000991	±2.5	PASS

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Band2	9538	NV	20	-4.53	-0.002375	±2.5	PASS
Band2	9538	NV	30	-3.90	-0.002044	±2.5	PASS
Band2	9538	NV	40	-2.78	-0.001457	±2.5	PASS
Band2	9538	NV	50	-2.10	-0.001101	±2.5	PASS

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