

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 Wong</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
Band4	1312	24.95	30.00	PASS
Band4	1413	25.13	30.00	PASS
Band4	1513	25.19	30.00	PASS

Band	Channel	SubTest	Power(dBm)	Limit(dBm)	Verdict
Band4	1312	1	23.95	30.00	PASS
Band4	1413	1	24.10	30.00	PASS
Band4	1513	1	24.18	30.00	PASS
Band4	1312	2	23.41	30.00	PASS
Band4	1413	2	23.64	30.00	PASS
Band4	1513	2	23.68	30.00	PASS
Band4	1312	3	23.35	30.00	PASS
Band4	1413	3	23.62	30.00	PASS
Band4	1513	3	23.58	30.00	PASS
Band4	1312	4	23.39	30.00	PASS
Band4	1413	4	23.56	30.00	PASS
Band4	1513	4	23.61	30.00	PASS

Band	Channel	SubTest	Power(dBm)	Limit(dBm)	Verdict
Band4	1312	1	23.50	30.00	PASS
Band4	1413	1	23.92	30.00	PASS
Band4	1513	1	23.73	30.00	PASS
Band4	1312	2	22.86	30.00	PASS
Band4	1413	2	22.66	30.00	PASS
Band4	1513	2	22.96	30.00	PASS
Band4	1312	3	22.74	30.00	PASS

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Band4	1413	3	22.22	30.00	PASS
Band4	1513	3	22.67	30.00	PASS
Band4	1312	4	23.21	30.00	PASS
Band4	1413	4	23.48	30.00	PASS
Band4	1513	4	23.05	30.00	PASS
Band4	1312	5	24.04	30.00	PASS
Band4	1413	5	24.01	30.00	PASS
Band4	1513	5	24.13	30.00	PASS

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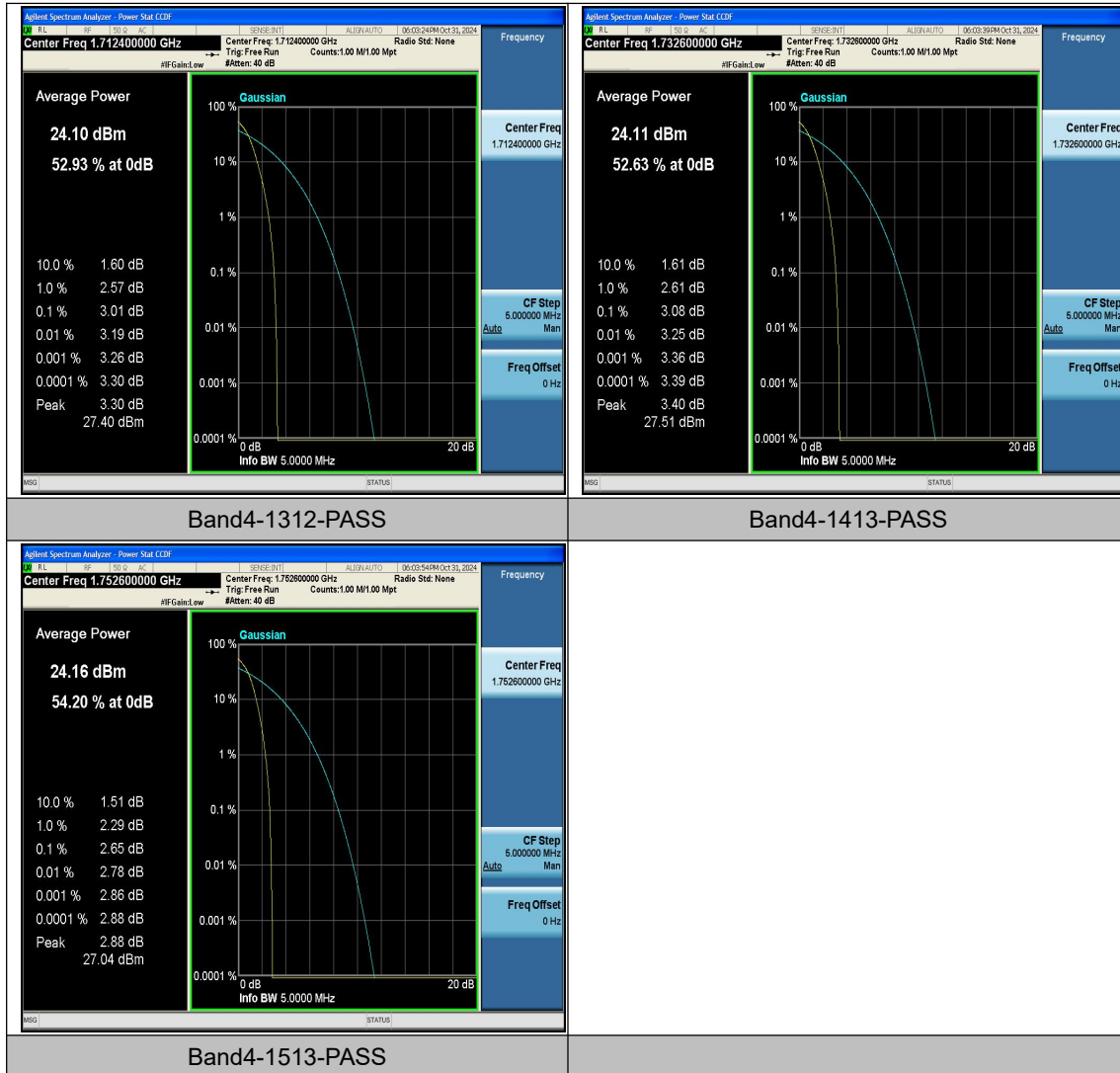
Appendix B: Peak-to-Average Ratio

Test Result

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dBm)	Verdict
Band4	1312	3.01	13	PASS
Band4	1413	3.08	13	PASS
Band4	1513	2.65	13	PASS



Test Graphs



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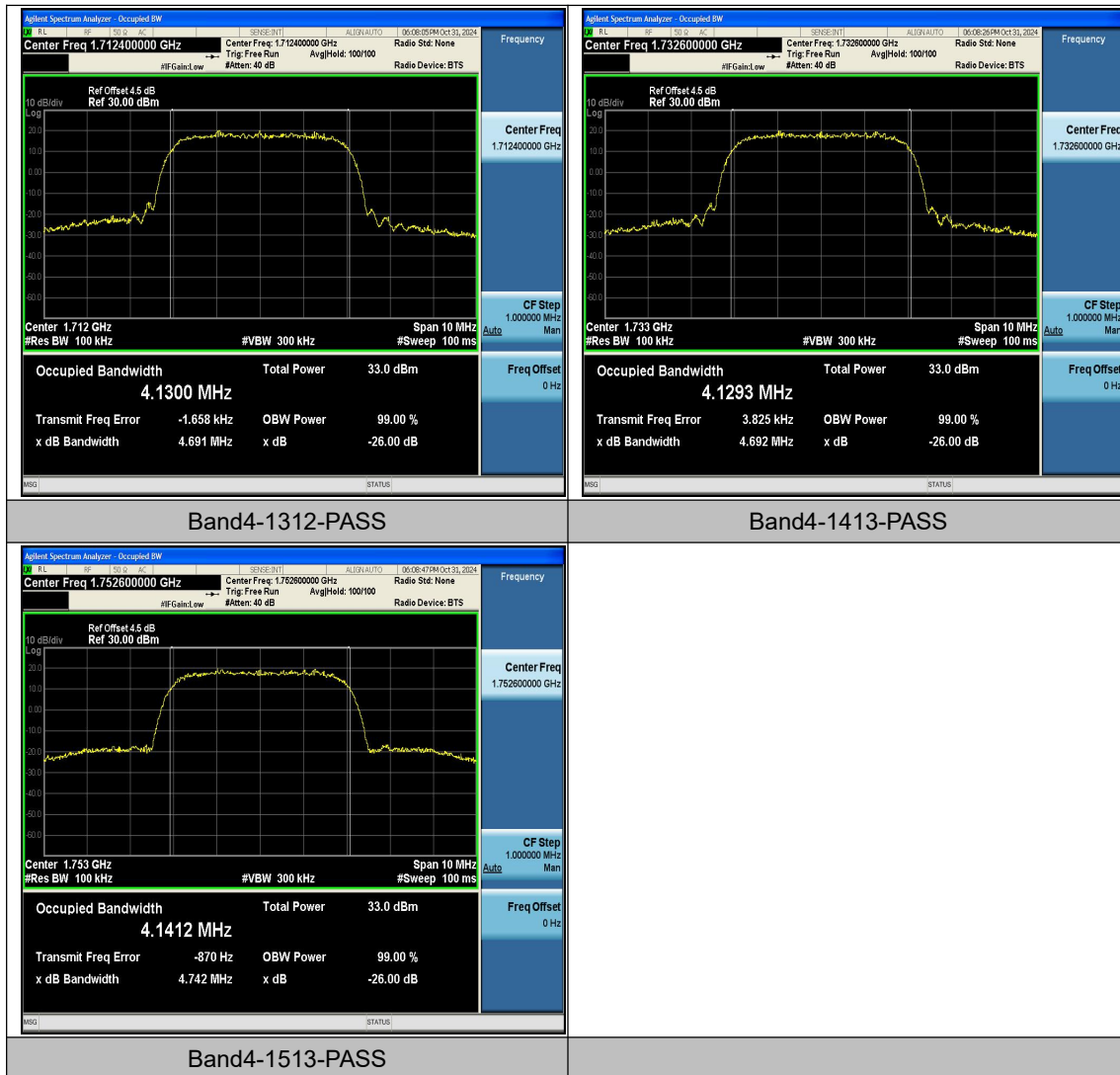
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(kHz)	Verdict
Band4	1312	4.1300	4.691	---	PASS
Band4	1413	4.1293	4.692	---	PASS
Band4	1513	4.1412	4.742	---	PASS



Test Graphs



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Appendix D: Band Edge

Test Result

Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band4	1312	1710.00	-24.89	-13	PASS
Band4	1513	1755.00	-21.94	-13	PASS

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Test Graphs



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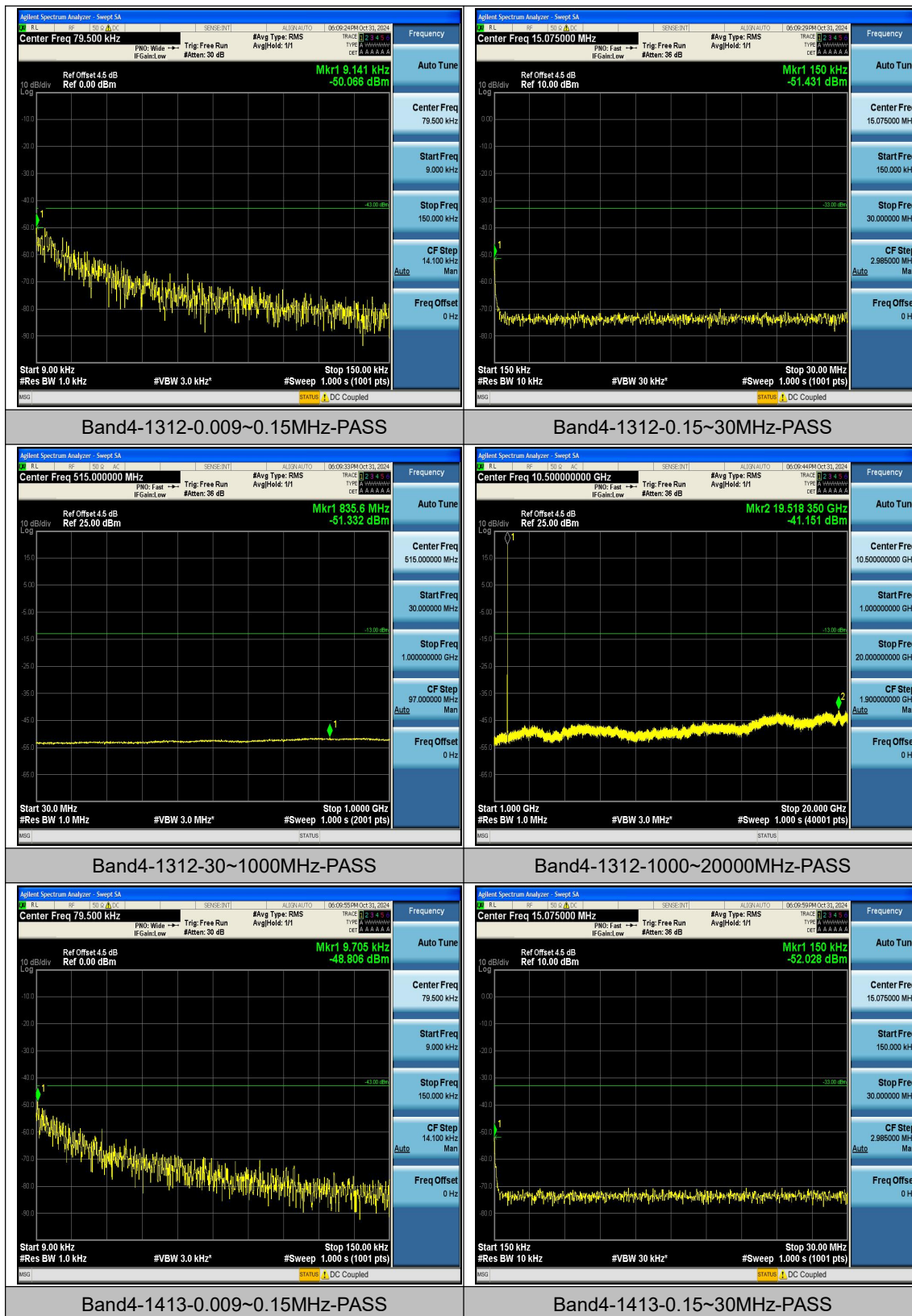
Appendix E: Conducted Spurious Emission

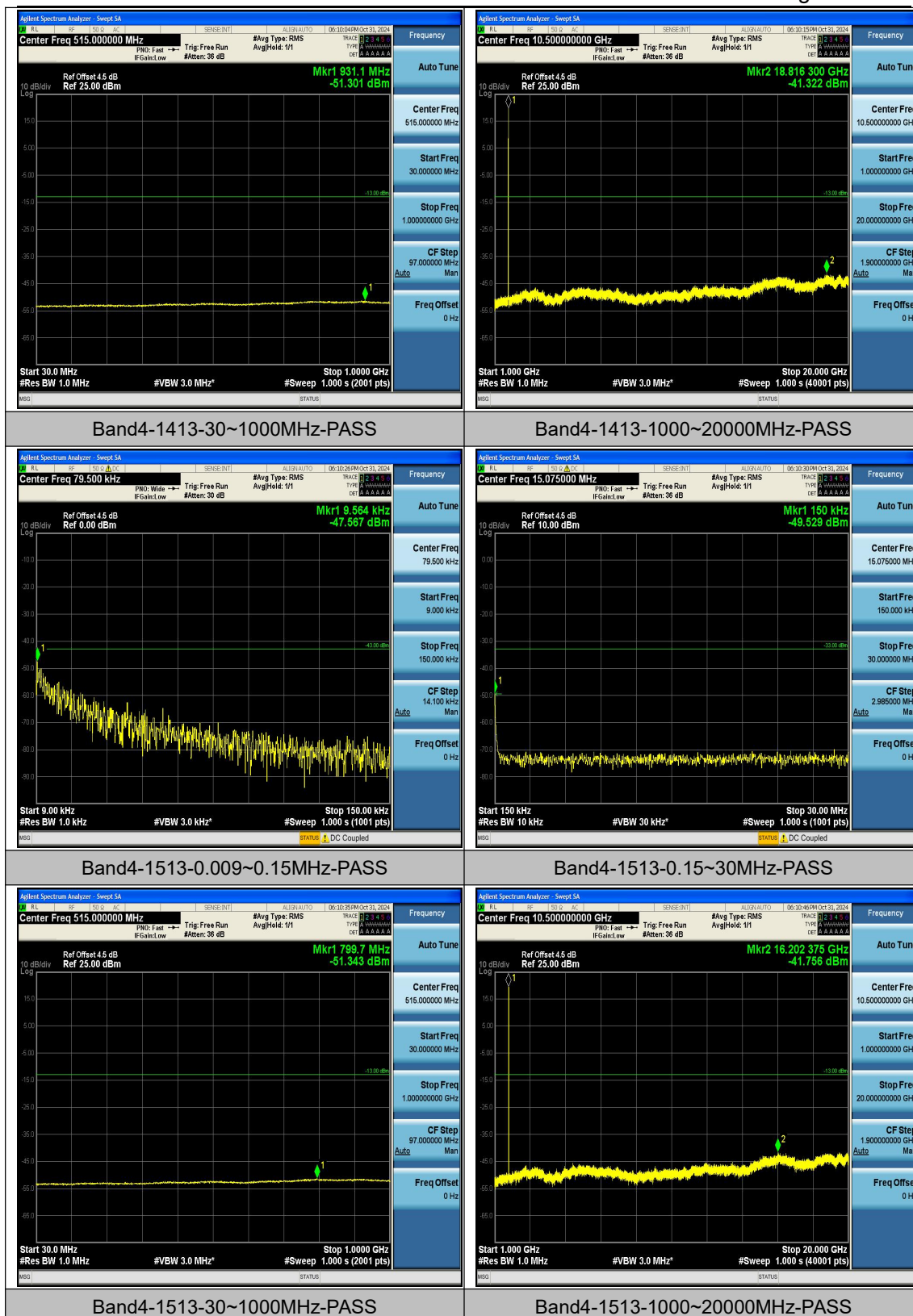
Test Result

Band	Channel	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band4	1312	0.009~0.15MHz	0.01	-50.07	-43	PASS
Band4	1312	0.15~30MHz	0.15	-51.43	-33	PASS
Band4	1312	30~1000MHz	835.59	-51.33	-13	PASS
Band4	1312	1000~20000MHz	19518.35	-41.15	-13	PASS
Band4	1413	0.009~0.15MHz	0.01	-48.81	-43	PASS
Band4	1413	0.15~30MHz	0.15	-52.03	-33	PASS
Band4	1413	30~1000MHz	931.13	-51.3	-13	PASS
Band4	1413	1000~20000MHz	18816.3	-41.32	-13	PASS
Band4	1513	0.009~0.15MHz	0.01	-47.57	-43	PASS
Band4	1513	0.15~30MHz	0.15	-49.53	-33	PASS
Band4	1513	30~1000MHz	799.7	-51.34	-13	PASS
Band4	1513	1000~20000MHz	16202.38	-41.76	-13	PASS



Test Graphs





Appendix F: Frequency Stability

Test Result

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	VN	NT	3.78	0.002207	±2.5	PASS
Band4	1312	VL	NT	2.32	0.001355	±2.5	PASS
Band4	1312	VH	NT	4.78	0.002791	±2.5	PASS
Band4	1413	VN	NT	1.65	0.000952	±2.5	PASS
Band4	1413	VL	NT	0.11	0.000063	±2.5	PASS
Band4	1413	VH	NT	1.90	0.001097	±2.5	PASS
Band4	1513	VN	NT	8.82	0.005033	±2.5	PASS
Band4	1513	VL	NT	9.32	0.005318	±2.5	PASS
Band4	1513	VH	NT	7.96	0.004542	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	NV	-30	2.80	0.001635	±2.5	PASS
Band4	1312	NV	-20	3.41	0.001991	±2.5	PASS
Band4	1312	NV	-10	2.28	0.001331	±2.5	PASS
Band4	1312	NV	0	1.52	0.000888	±2.5	PASS
Band4	1312	NV	10	0.06	0.000035	±2.5	PASS
Band4	1312	NV	20	0.93	0.000543	±2.5	PASS
Band4	1312	NV	30	-1.39	-0.000812	±2.5	PASS
Band4	1312	NV	40	-1.72	-0.001004	±2.5	PASS
Band4	1312	NV	50	-2.25	-0.001314	±2.5	PASS
Band4	1413	NV	-30	2.20	0.001270	±2.5	PASS
Band4	1413	NV	-20	1.49	0.000860	±2.5	PASS
Band4	1413	NV	-10	1.01	0.000583	±2.5	PASS
Band4	1413	NV	0	2.32	0.001339	±2.5	PASS
Band4	1413	NV	10	1.53	0.000883	±2.5	PASS
Band4	1413	NV	20	2.21	0.001276	±2.5	PASS
Band4	1413	NV	30	2.22	0.001281	±2.5	PASS
Band4	1413	NV	40	1.44	0.000831	±2.5	PASS
Band4	1413	NV	50	1.54	0.000889	±2.5	PASS
Band4	1513	NV	-30	8.03	0.004582	±2.5	PASS
Band4	1513	NV	-20	7.82	0.004462	±2.5	PASS
Band4	1513	NV	-10	8.29	0.004730	±2.5	PASS
Band4	1513	NV	0	8.90	0.005078	±2.5	PASS
Band4	1513	NV	10	7.87	0.004490	±2.5	PASS

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Band4	1513	NV	20	7.72	0.004405	±2.5	PASS
Band4	1513	NV	30	7.62	0.004348	±2.5	PASS
Band4	1513	NV	40	8.18	0.004667	±2.5	PASS
Band4	1513	NV	50	8.36	0.004770	±2.5	PASS

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