

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℃	Relative Humidity:	57 %
Pressure:	101 kPa		

Appendix A: Conducted Output Power

Test Result

Band	Channel	Power(dBm)	Limit(dBm)	Verdict
Band5	4132	24.41	38.45	PASS
Band5	4182	24.55	38.45	PASS
Band5	4233	24.48	38.45	PASS

Band	Channel	SubTest	Power(dBm)	Limit(dBm)	Verdict
Band5	4132	1	23.49	38.5	PASS
Band5	4182	1	23.52	38.5	PASS
Band5	4233	1	23.60	38.5	PASS
Band5	4132	2	23.01	38.5	PASS
Band5	4182	2	23.04	38.5	PASS
Band5	4233	2	22.90	38.5	PASS
Band5	4132	3	22.96	38.5	PASS
Band5	4182	3	23.19	38.5	PASS
Band5	4233	3	23.07	38.5	PASS
Band5	4132	4	23.02	38.5	PASS
Band5	4182	4	23.17	38.5	PASS
Band5	4233	4	23.04	38.5	PASS

Band	Channel	SubTest	Power(dBm)	Limit(dBm)	Verdict
Band5	4132	1	22.70	38.5	PASS
Band5	4182	1	22.91	38.5	PASS
Band5	4233	1	23.04	38.5	PASS
Band5	4132	2	21.93	38.5	PASS
Band5	4182	2	21.97	38.5	PASS
Band5	4233	2	22.07	38.5	PASS
Band5	4132	3	21.65	38.5	PASS

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Band5	4182	3	22.05	38.5	PASS
Band5	4233	3	22.17	38.5	PASS
Band5	4132	4	23.02	38.5	PASS
Band5	4182	4	22.38	38.5	PASS
Band5	4233	4	22.70	38.5	PASS
Band5	4132	5	23.49	38.5	PASS
Band5	4182	5	23.51	38.5	PASS
Band5	4233	5	23.50	38.5	PASS

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Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
 Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
 Tel:(86)0755-26066440 Email:service@anbotek.com



Hotline

400-003-0500

www.anbotek.com



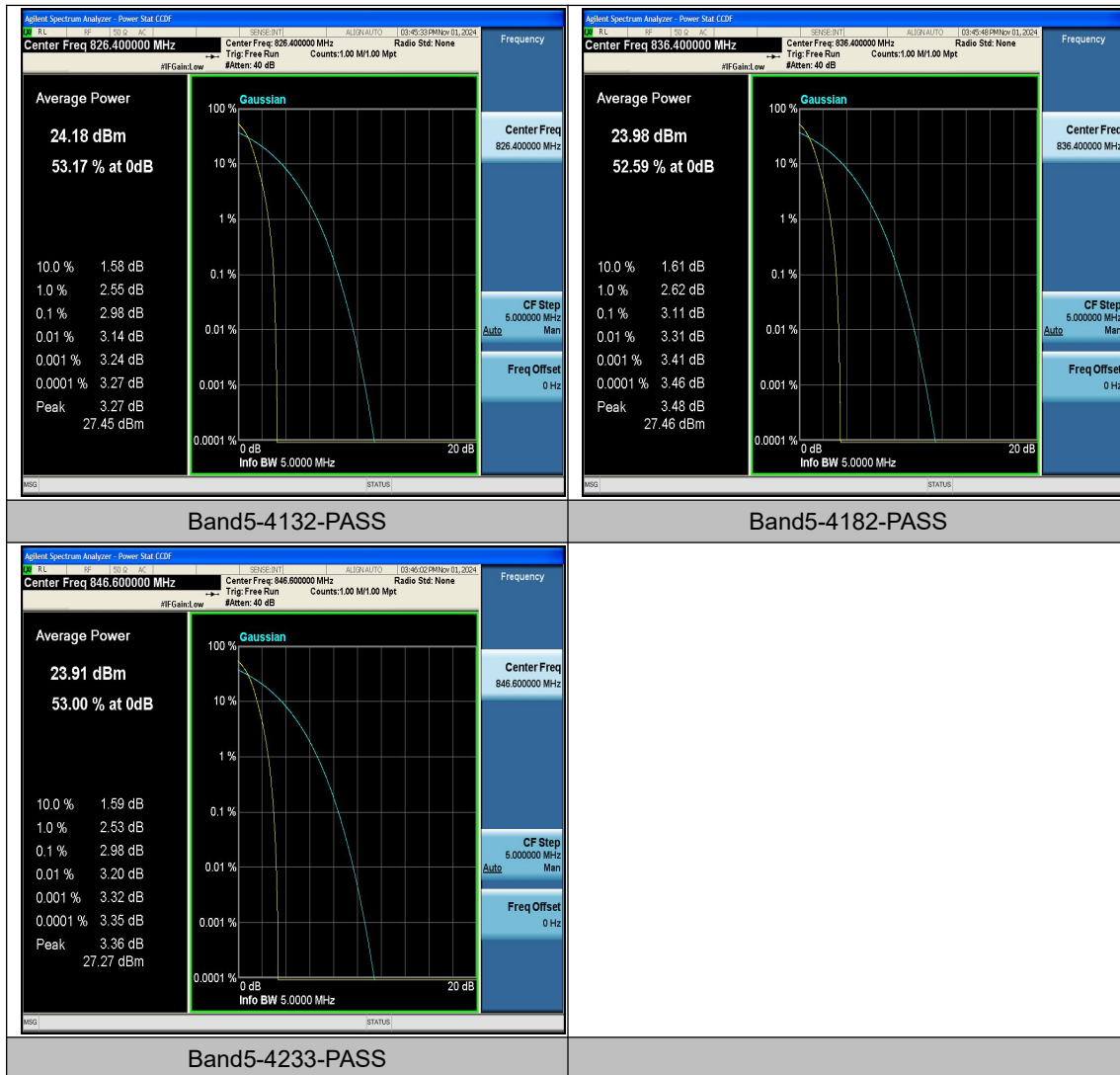
Appendix B: Peak-to-Average Ratio

Test Result

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dBm)	Verdict
Band5	4132	2.98	13	PASS
Band5	4182	3.11	13	PASS
Band5	4233	2.98	13	PASS



Test Graphs



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Tel: (86) 0755-26066440 Email: service@anbotech.com

Hotline 400-003-0500
www.anbotech.com



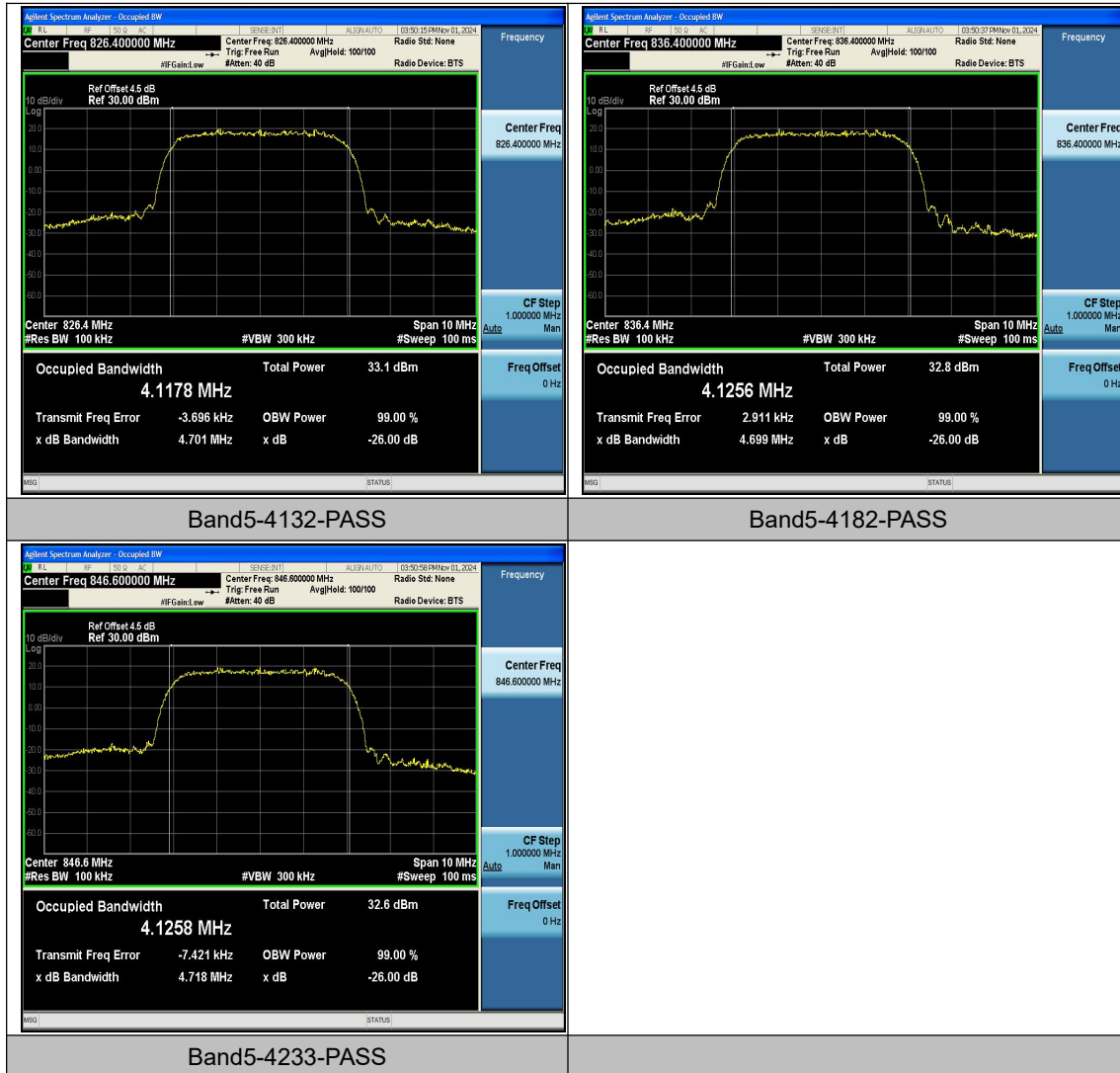
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(kHz)	Verdict
Band5	4132	4.1178	4.701	---	PASS
Band5	4182	4.1256	4.699	---	PASS
Band5	4233	4.1258	4.718	---	PASS



Test Graphs



Band5-4132-PASS

Band5-4182-PASS

Band5-4233-PASS



Appendix D: Band Edge

Test Result

Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band5	4132	824.00	-24.84	-13	PASS
Band5	4233	849.00	-25.98	-13	PASS



Test Graphs



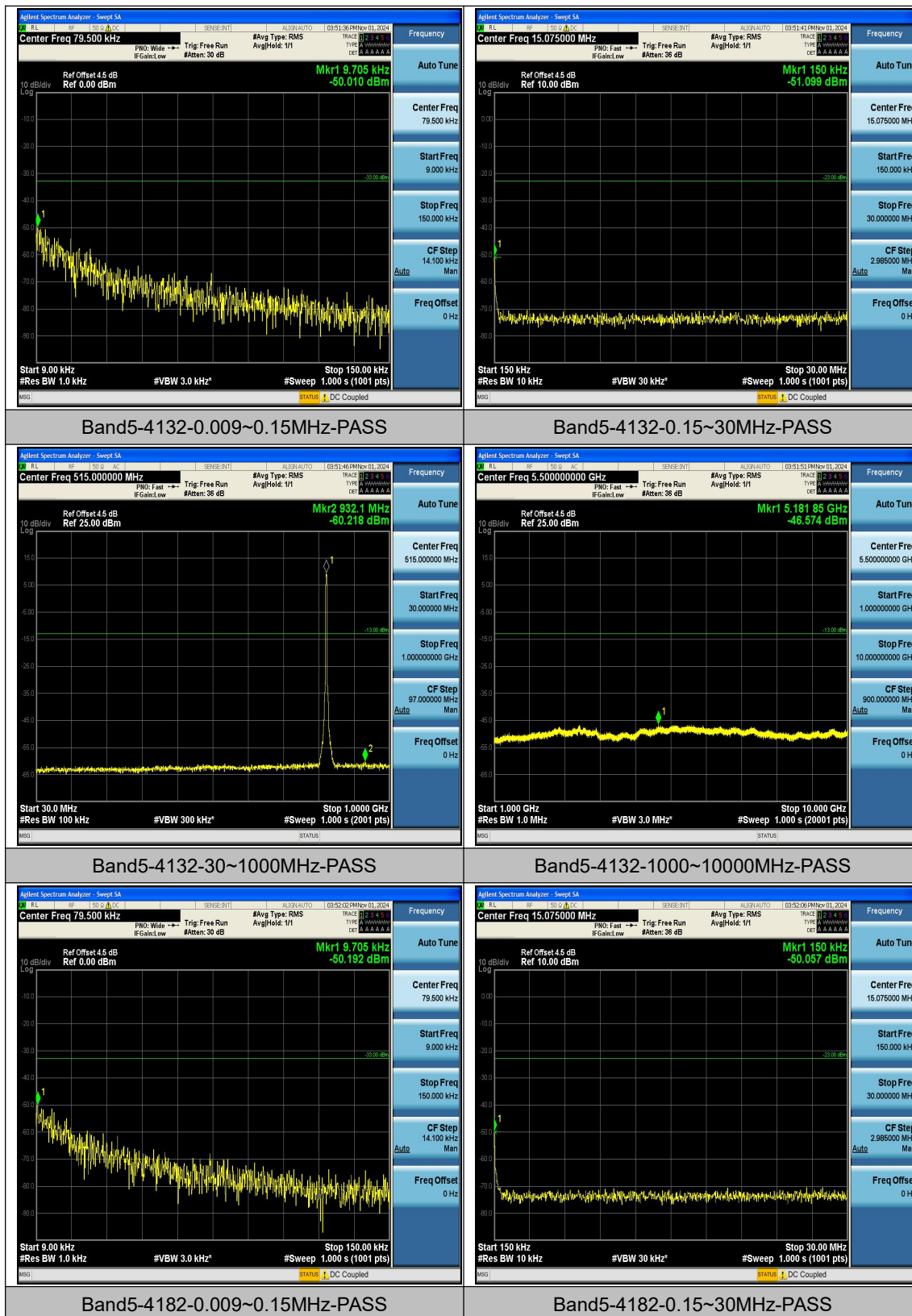
Appendix E: Conducted Spurious Emission

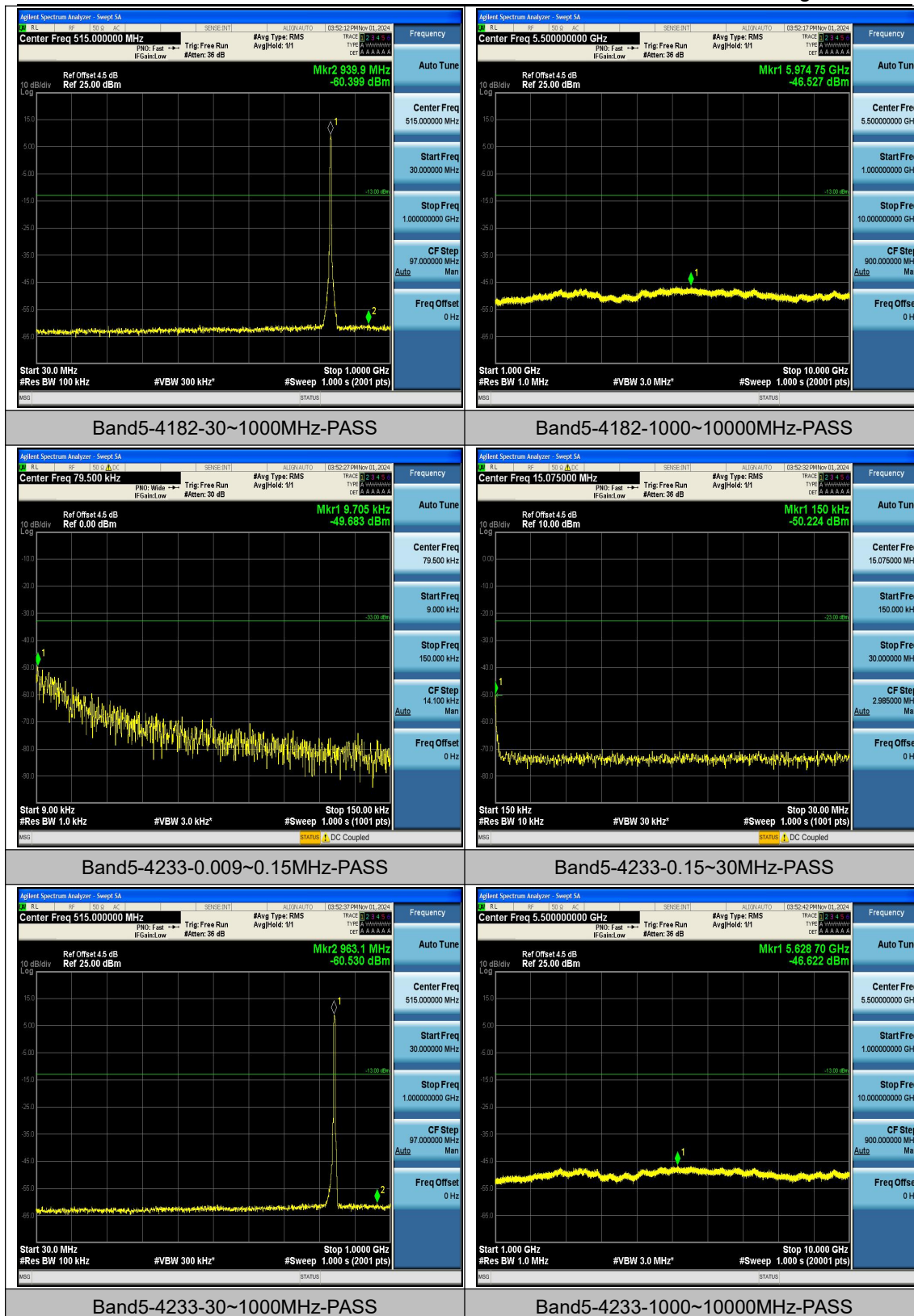
Test Result

Band	Channel	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band5	4132	0.009~0.15MHz	0.01	-50.01	-33	PASS
Band5	4132	0.15~30MHz	0.15	-51.1	-23	PASS
Band5	4132	30~1000MHz	932.1	-60.22	-13	PASS
Band5	4132	1000~10000MHz	5181.85	-46.57	-13	PASS
Band5	4182	0.009~0.15MHz	0.01	-50.19	-33	PASS
Band5	4182	0.15~30MHz	0.15	-50.06	-23	PASS
Band5	4182	30~1000MHz	939.86	-60.4	-13	PASS
Band5	4182	1000~10000MHz	5974.75	-46.53	-13	PASS
Band5	4233	0.009~0.15MHz	0.01	-49.68	-33	PASS
Band5	4233	0.15~30MHz	0.15	-50.22	-23	PASS
Band5	4233	30~1000MHz	963.14	-60.53	-13	PASS
Band5	4233	1000~10000MHz	5628.7	-46.62	-13	PASS



Test Graphs





Appendix F: Frequency Stability

Test Result

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	VN	NT	0.42	0.000508	±2.5	PASS
Band5	4132	VL	NT	0.71	0.000859	±2.5	PASS
Band5	4132	VH	NT	0.33	0.000399	±2.5	PASS
Band5	4182	VN	NT	0.84	0.001004	±2.5	PASS
Band5	4182	VL	NT	0.69	0.000825	±2.5	PASS
Band5	4182	VH	NT	0.41	0.000490	±2.5	PASS
Band5	4233	VN	NT	0.83	0.000980	±2.5	PASS
Band5	4233	VL	NT	1.83	0.002162	±2.5	PASS
Band5	4233	VH	NT	1.54	0.001819	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	NV	-30	0.57	0.000690	±2.5	PASS
Band5	4132	NV	-20	0.92	0.001113	±2.5	PASS
Band5	4132	NV	-10	0.57	0.000690	±2.5	PASS
Band5	4132	NV	0	0.47	0.000569	±2.5	PASS
Band5	4132	NV	10	0.41	0.000496	±2.5	PASS
Band5	4132	NV	20	0.21	0.000254	±2.5	PASS
Band5	4132	NV	30	-0.19	-0.000230	±2.5	PASS
Band5	4132	NV	40	-0.26	-0.000315	±2.5	PASS
Band5	4132	NV	50	0.40	0.000484	±2.5	PASS
Band5	4182	NV	-30	1.31	0.001566	±2.5	PASS
Band5	4182	NV	-20	0.99	0.001184	±2.5	PASS
Band5	4182	NV	-10	1.37	0.001638	±2.5	PASS
Band5	4182	NV	0	0.01	0.000012	±2.5	PASS
Band5	4182	NV	10	0.74	0.000885	±2.5	PASS
Band5	4182	NV	20	0.81	0.000968	±2.5	PASS
Band5	4182	NV	30	0.17	0.000203	±2.5	PASS
Band5	4182	NV	40	0.47	0.000562	±2.5	PASS
Band5	4182	NV	50	-0.18	-0.000215	±2.5	PASS
Band5	4233	NV	-30	1.84	0.002173	±2.5	PASS
Band5	4233	NV	-20	1.18	0.001394	±2.5	PASS
Band5	4233	NV	-10	1.42	0.001677	±2.5	PASS
Band5	4233	NV	0	2.32	0.002740	±2.5	PASS
Band5	4233	NV	10	1.85	0.002185	±2.5	PASS

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Band5	4233	NV	20	2.44	0.002882	±2.5	PASS
Band5	4233	NV	30	2.11	0.002492	±2.5	PASS
Band5	4233	NV	40	2.20	0.002599	±2.5	PASS
Band5	4233	NV	50	2.05	0.002421	±2.5	PASS

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