

Appendix Test Data

Report No.:	18220WC30015402	Test Sample No.:	1-2-2
Start Test Date:	2023.2.14	Finish Test Date:	2023.2.20
Test Engineer:	<i>Tony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	24.3°C	Relative Humidity:	57 %
Pressure:	1012 hPa		

Appendix A: Conducted Output Power

Test Result

Band	Channel	Power(dBm)	Limit(dBm)	Verdict
Band2	9262	22.31	33.01	PASS
Band2	9400	22.69	33.01	PASS
Band2	9538	22.98	33.01	PASS

Band	Channel	SubTest	Power(dBm)	Limit(dBm)	Verdict
Band2	9262	1	21.44	33.01	PASS
Band2	9262	2	20.90	33.01	PASS
Band2	9262	3	20.77	33.01	PASS
Band2	9262	4	20.95	33.01	PASS
Band2	9400	1	21.70	33.01	PASS
Band2	9400	2	21.26	33.01	PASS
Band2	9400	3	21.30	33.01	PASS
Band2	9400	4	21.32	33.01	PASS
Band2	9538	1	21.89	33.01	PASS
Band2	9538	2	21.58	33.01	PASS
Band2	9538	3	21.53	33.01	PASS
Band2	9538	4	21.55	33.01	PASS

Band	Channel	SubTest	Power(dBm)	Limit(dBm)	Verdict
Band2	9262	1	21.23	33.01	PASS
Band2	9262	2	19.83	33.01	PASS
Band2	9262	3	19.65	33.01	PASS
Band2	9262	4	19.35	33.01	PASS

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Band2	9262	5	21.37	33.01	PASS
Band2	9400	1	21.66	33.01	PASS
Band2	9400	2	20.20	33.01	PASS
Band2	9400	3	19.88	33.01	PASS
Band2	9400	4	19.70	33.01	PASS
Band2	9400	5	21.72	33.01	PASS
Band2	9538	1	21.92	33.01	PASS
Band2	9538	2	20.55	33.01	PASS
Band2	9538	3	20.17	33.01	PASS
Band2	9538	4	19.96	33.01	PASS
Band2	9538	5	21.96	33.01	PASS

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Appendix B: Peak-to-Average Ratio

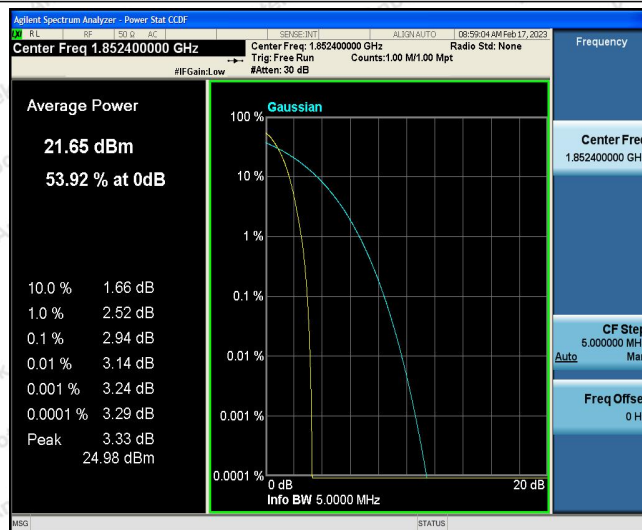
Test Result

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dBm)	Verdict
Band2	9262	2.94	13	PASS
Band2	9400	3.1	13	PASS
Band2	9538	3.12	13	PASS

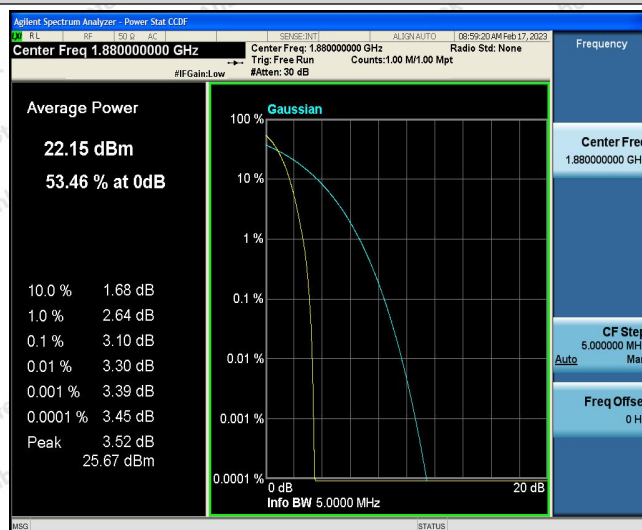


Test Graphs

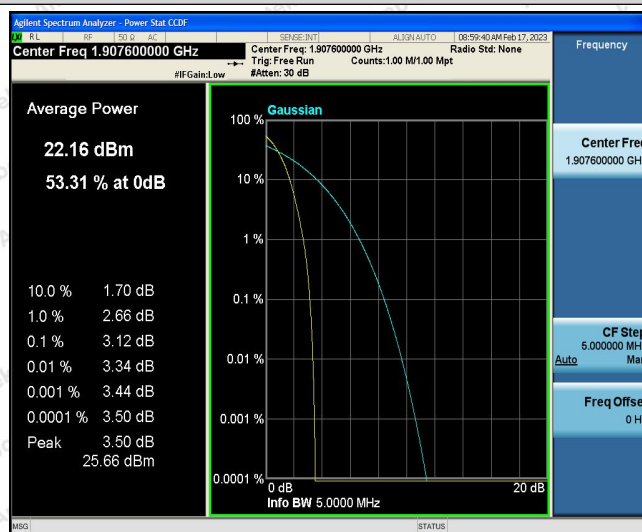
Band2-9262



Band2-9400



Band2-9538



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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	4.1301	4.698	---	PASS
Band2	9400	4.1280	4.679	---	PASS
Band2	9538	4.1313	4.685	---	PASS



Test Graphs

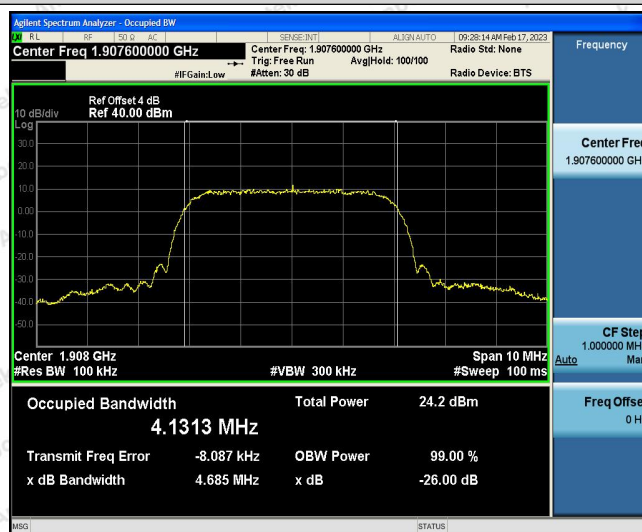
Band2-9262



Band2-9400



Band2-9538



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Appendix D: Band Edge

Test Result

Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band2	9262	1850.00	-26.94	-13	PASS
Band2	9538	1910.15	-24.89	-13	PASS



Test Graphs

Band2-9262



Band2-9538



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Appendix E: Conducted Spurious Emission

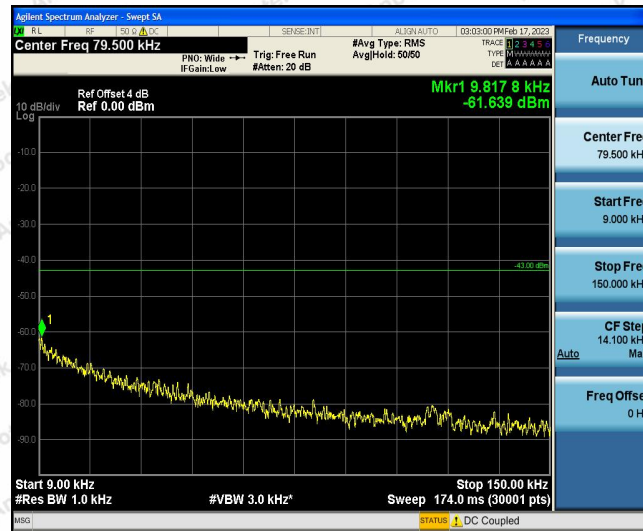
Test Result

Band	Channel	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band2	9262	0.009~0.15MHz	0.01	-61.64	-43	PASS
Band2	9262	0.15~30MHz	0.28	-54.42	-23	PASS
Band2	9262	30~1000MHz	926.34	-51.55	-13	PASS
Band2	9262	1000~3000MHz	2662.07	-48.24	-13	PASS
Band2	9262	3000~10000MHz	3703.5	-46.46	-13	PASS
Band2	9262	10000~20000MHz	19504.67	-58.33	-13	PASS
Band2	9400	0.009~0.15MHz	0.01	-61.91	-43	PASS
Band2	9400	0.15~30MHz	0.28	-55.97	-23	PASS
Band2	9400	30~1000MHz	695.65	-52.11	-13	PASS
Band2	9400	1000~3000MHz	2659.27	-48.25	-13	PASS
Band2	9400	3000~10000MHz	3761.6	-48.58	-13	PASS
Band2	9400	10000~20000MHz	19524.33	-58.34	-13	PASS
Band2	9538	0.009~0.15MHz	0.01	-62.82	-43	PASS
Band2	9538	0.15~30MHz	0.29	-56.52	-23	PASS
Band2	9538	30~1000MHz	800.41	-51.99	-13	PASS
Band2	9538	1000~3000MHz	2656	-48.28	-13	PASS
Band2	9538	3000~10000MHz	3816.67	-44.61	-13	PASS
Band2	9538	10000~20000MHz	19503.33	-58.33	-13	PASS

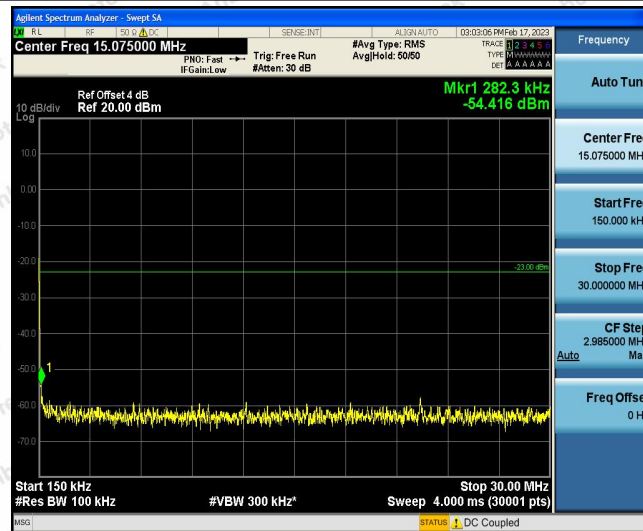


Test Graphs

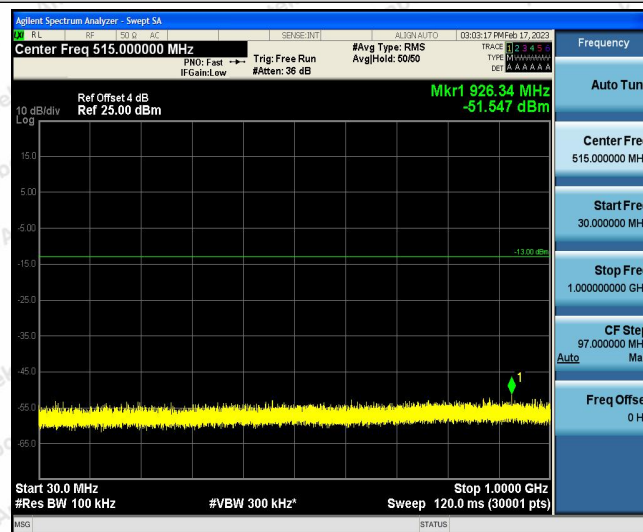
Band2-9262-0.009~0.15MHz



Band2-9262-0.15~30MHz



Band2-9262-30~1000MHz



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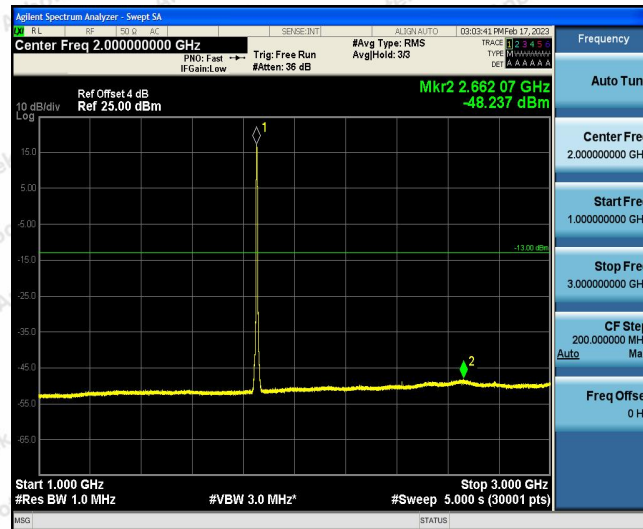
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Band2-9262-1000~3000MHz



Band2-9262-3000~10000MHz



Band2-9262-10000~20000MHz



Band2-9400-0.009~0.15MHz

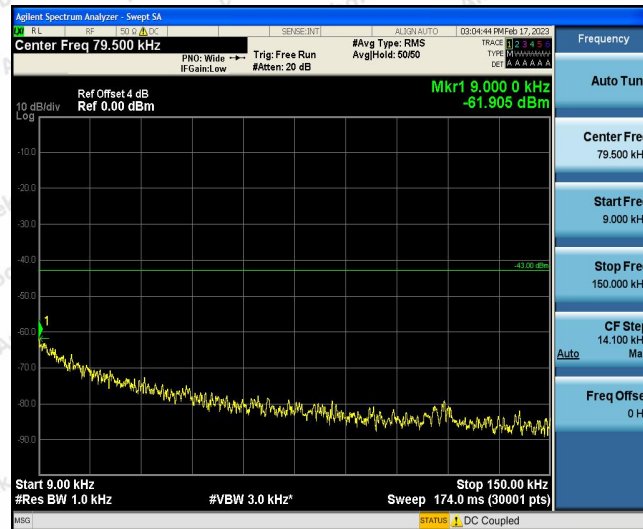
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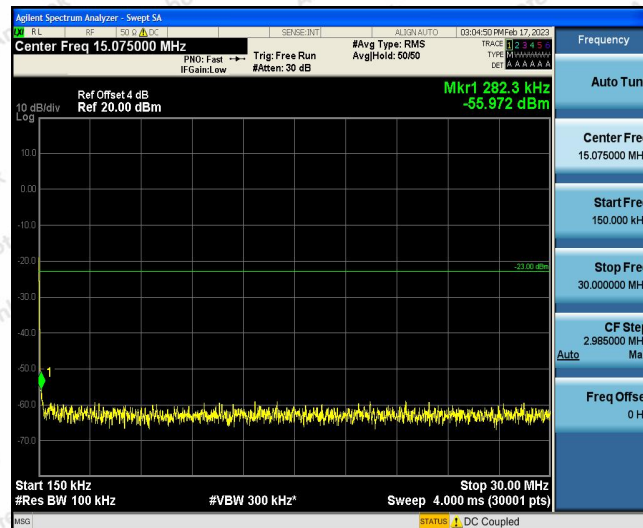


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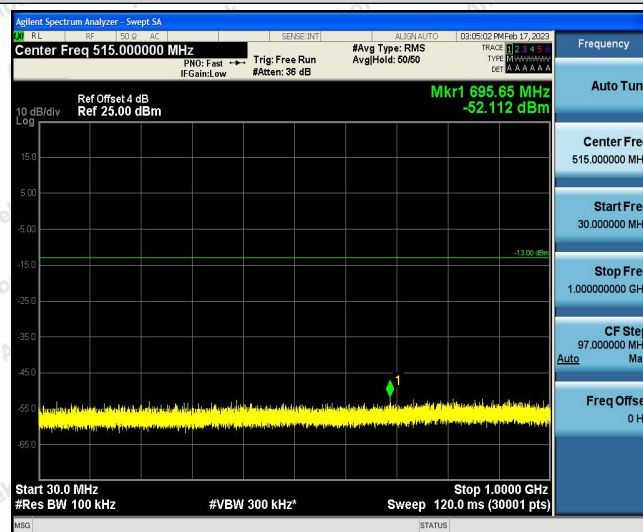




Band2-9400-0.15~30MHz



Band2-9400-30~1000MHz



Band2-9400-1000~3000MHz

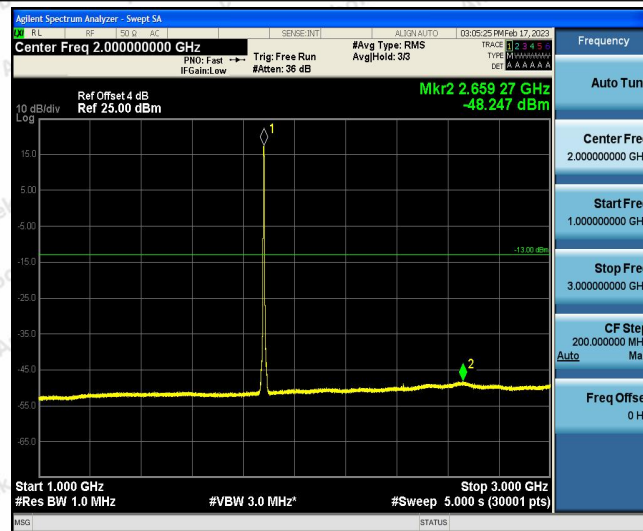
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Band2-9400-3000~10000MHz



Band2-9400-10000~20000MHz



Band2-9538-0.009~0.15MHz

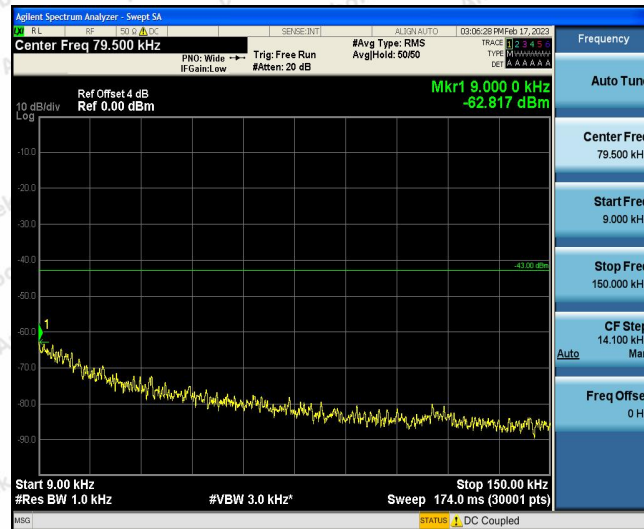
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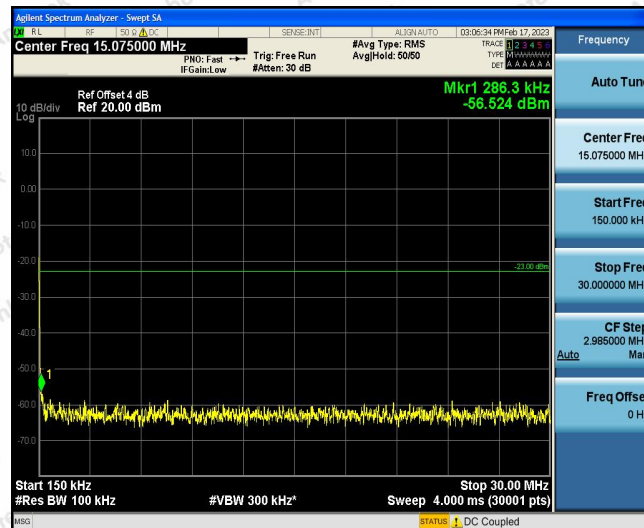


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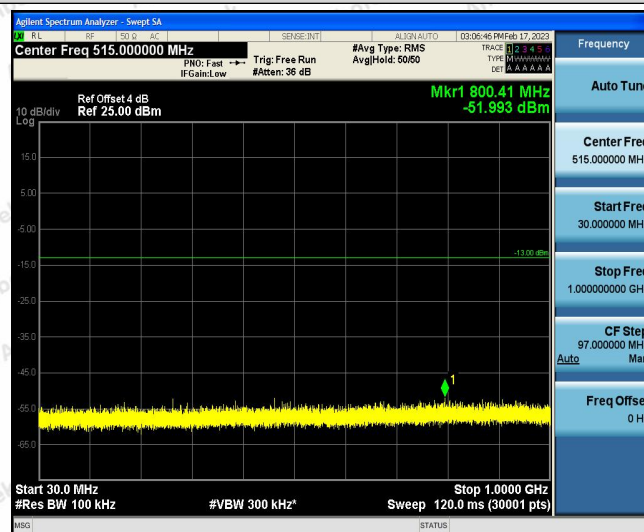




Band2-9538-0.15~30MHz



Band2-9538-30~1000MHz



Band2-9538-1000~3000MHz

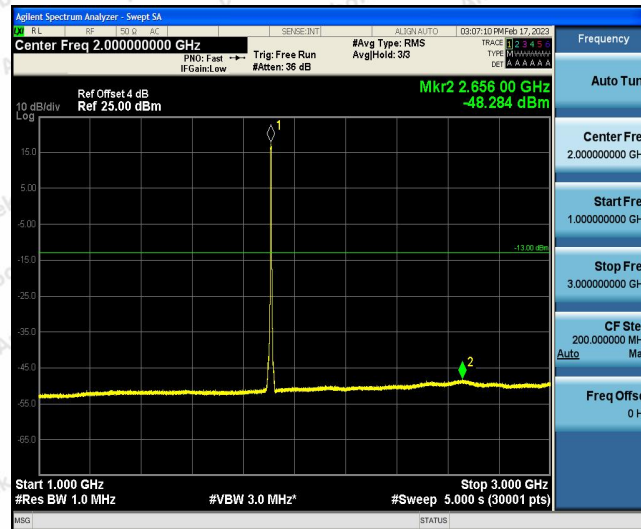
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Band2-9538-3000~10000MHz



Band2-9538-10000~20000MHz



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Appendix F: Frequency Stability VS Voltage measurement

Test Result

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	VL	NT	0.11	0.000059	±2.5	PASS
Band2	9262	VN	NT	0.51	0.000275	±2.5	PASS
Band2	9262	VH	NT	1.09	0.000588	±2.5	PASS
Band2	9400	VL	NT	-1.60	-0.000851	±2.5	PASS
Band2	9400	VN	NT	-0.55	-0.000293	±2.5	PASS
Band2	9400	VH	NT	-0.83	-0.000441	±2.5	PASS
Band2	9538	VL	NT	-4.26	-0.002233	±2.5	PASS
Band2	9538	VN	NT	-4.81	-0.002521	±2.5	PASS
Band2	9538	VH	NT	-4.61	-0.002417	±2.5	PASS



Appendix G: Frequency Stability VS Temperature

measurement

Test Result

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	NV	-30	0.76	0.000410	±2.5	PASS
Band2	9262	NV	-20	1.56	0.000842	±2.5	PASS
Band2	9262	NV	0	2.24	0.001209	±2.5	PASS
Band2	9262	NV	10	2.39	0.001290	±2.5	PASS
Band2	9262	NV	20	1.92	0.001036	±2.5	PASS
Band2	9400	NV	-30	-1.82	-0.000968	±2.5	PASS
Band2	9400	NV	-20	-0.23	-0.000122	±2.5	PASS
Band2	9400	NV	0	-0.46	-0.000245	±2.5	PASS
Band2	9400	NV	10	-0.33	-0.000176	±2.5	PASS
Band2	9400	NV	20	-0.47	-0.000250	±2.5	PASS
Band2	9538	NV	-30	-4.71	-0.002469	±2.5	PASS
Band2	9538	NV	-20	-4.29	-0.002249	±2.5	PASS
Band2	9538	NV	0	-4.96	-0.002600	±2.5	PASS
Band2	9538	NV	10	-4.72	-0.002474	±2.5	PASS
Band2	9538	NV	20	-4.11	-0.002155	±2.5	PASS

