

Appendix Test Data

Report No.:	18220WC10264305	Test Sample No.:	1-2-2
Start Test Date:	2021.12.1	Finish Test Date:	2021.12.14
Test Engineer:	<i>Tony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	24.3°C	Relative Humidity:	57 %
Pressure:	1012 hPa		

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Channel	Power(dBm)	Limit(dBm)	Verdict
Band2	9262	22.14	33	PASS
Band2	9400	22.00	33	PASS
Band2	9538	21.97	33	PASS

Band	Channel	SubTest	Power(dBm)	Limit(dBm)	Verdict
Band2	9262	1	21.31	33	PASS
Band2	9262	2	20.92	33	PASS
Band2	9262	3	20.77	33	PASS
Band2	9262	4	20.82	33	PASS
Band2	9400	1	21.98	33	PASS
Band2	9400	2	21.53	33	PASS
Band2	9400	3	21.48	33	PASS
Band2	9400	4	21.46	33	PASS

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Band2	9538	1	22.52	33	PASS
Band2	9538	2	22.06	33	PASS
Band2	9538	3	21.98	33	PASS
Band2	9538	4	21.93	33	PASS

Band	Channel	SubTest	Power(dBm)	Limit(dBm)	Verdict
Band2	9262	1	19.21	33	PASS
Band2	9262	2	19.69	33	PASS
Band2	9262	3	20.19	33	PASS
Band2	9262	4	19.22	33	PASS
Band2	9262	5	21.19	33	PASS
Band2	9400	1	19.94	33	PASS
Band2	9400	2	20.46	33	PASS
Band2	9400	3	20.95	33	PASS
Band2	9400	4	19.99	33	PASS
Band2	9400	5	21.96	33	PASS
Band2	9538	1	20.37	33	PASS
Band2	9538	2	20.89	33	PASS
Band2	9538	3	21.40	33	PASS
Band2	9538	4	20.44	33	PASS
Band2	9538	5	21.96	33	PASS

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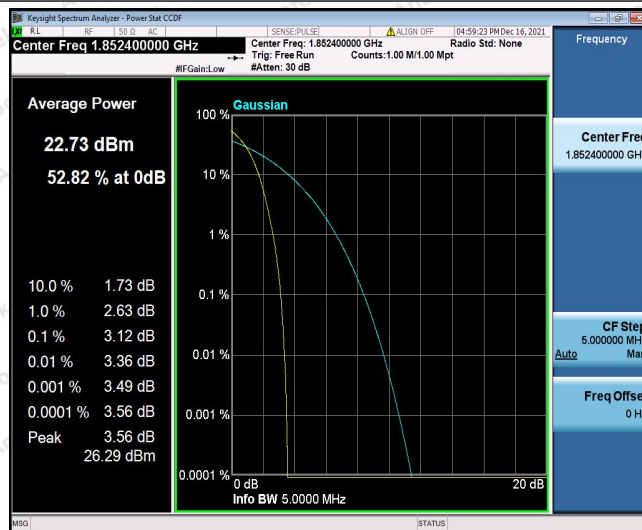
Appendix B: Peak-to-Average Ratio

Test Result

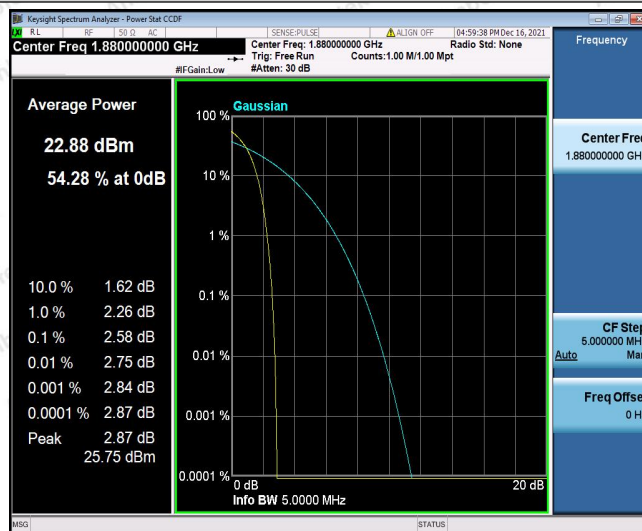
Band	Channel	Peak-to-Average Ratio(dB)	Limit(dBm)	Verdict
Band2	9262	3.12	13	PASS
Band2	9400	2.58	13	PASS
Band2	9538	2.66	13	PASS

Test Graphs

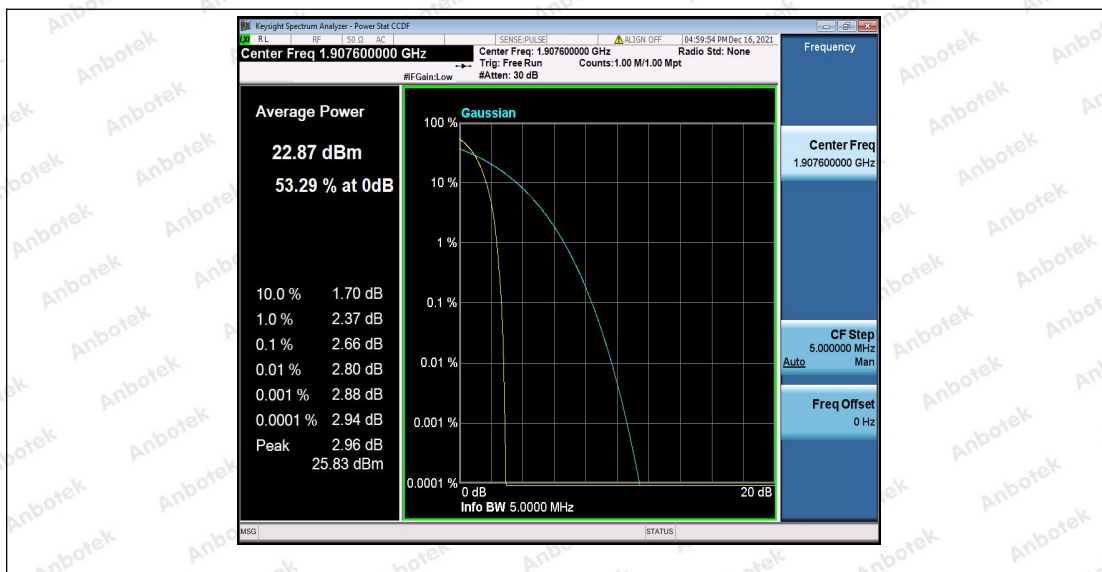
Band2-9262



Band2-9400



Band2-9538



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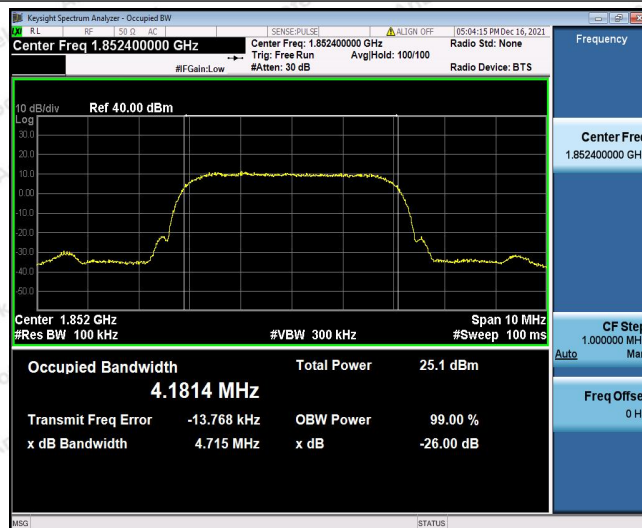
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

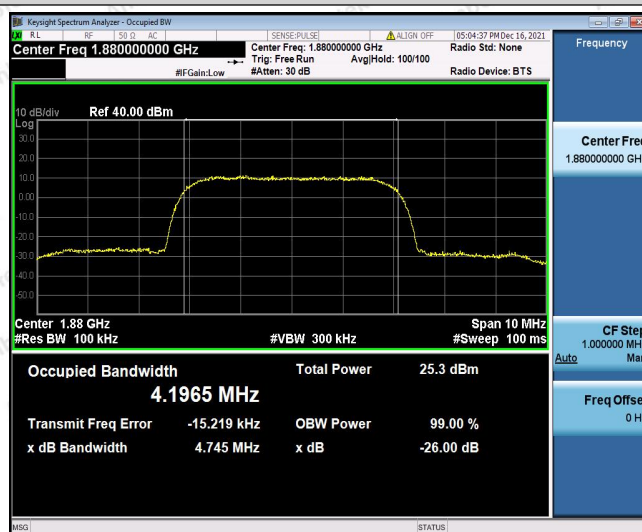
Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(MHz)	Verdict
Band2	9262	4.1814	4.715	---	PASS
Band2	9400	4.1965	4.745	---	PASS
Band2	9538	4.1823	4.721	---	PASS

Test Graphs

Band2-9262-4.715



Band2-9400-4.745



Band2-9538-4.721



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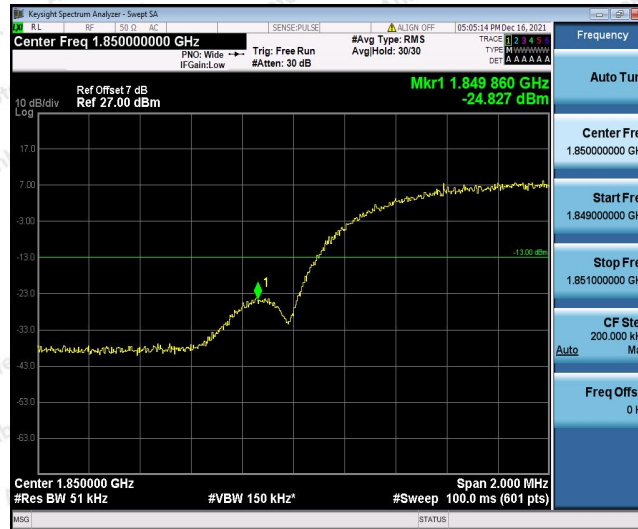
Appendix D: Band Edge

Test Result

Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band2	9262	1849.86	-23.61	-13	PASS
Band2	9538	1910.00	-25.89	-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	-48.6	-43	PASS
Band2	9262	0.15~30MHz	0.3	-45.13	-23	PASS
Band2	9262	30~1000MHz	212.91	-37.95	-13	PASS
Band2	9262	1000~3000MHz	2652.53	-44.28	-13	PASS
Band2	9262	3000~10000MHz	3703.03	-60.91	-13	PASS
Band2	9262	10000~20000MHz	16948.33	-56.29	-13	PASS
Band2	9400	0.009~0.15MHz	0.01	-48.67	-43	PASS
Band2	9400	0.15~30MHz	0.29	-44.62	-23	PASS
Band2	9400	30~1000MHz	960.81	-37.71	-13	PASS
Band2	9400	1000~3000MHz	2648.8	-44.17	-13	PASS
Band2	9400	3000~10000MHz	3758.33	-60.34	-13	PASS
Band2	9400	10000~20000MHz	17080.67	-55.94	-13	PASS
Band2	9538	0.009~0.15MHz	0.01	-50.51	-43	PASS
Band2	9538	0.15~30MHz	0.28	-41.82	-23	PASS
Band2	9538	30~1000MHz	955.44	-37.96	-13	PASS
Band2	9538	1000~3000MHz	2652.6	-44.51	-13	PASS
Band2	9538	3000~10000MHz	3813.63	-59.5	-13	PASS
Band2	9538	10000~20000MHz	17049.67	-56.16	-13	PASS

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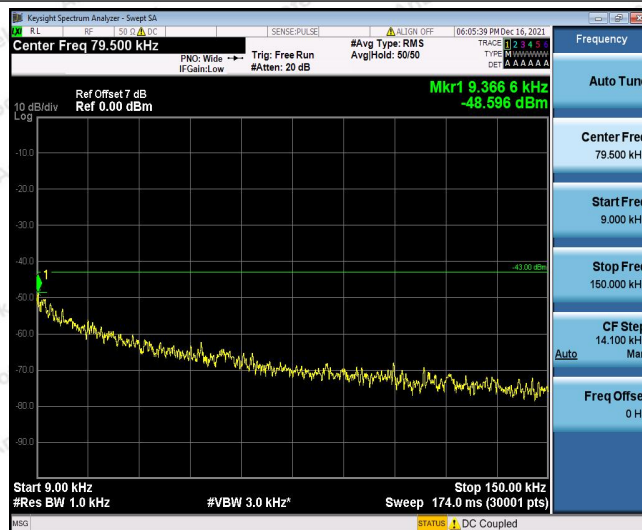
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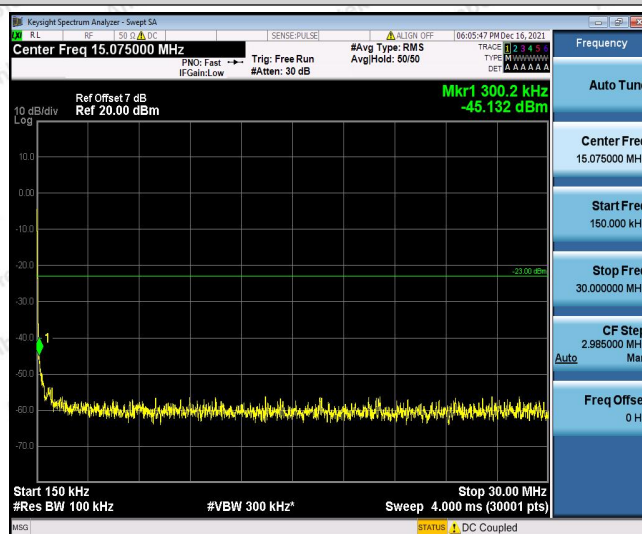
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Test Graphs

Band2-9262-0.009~0.15MHz



Band2-9262-0.15~30MHz



Band2-9262-30~1000MHz

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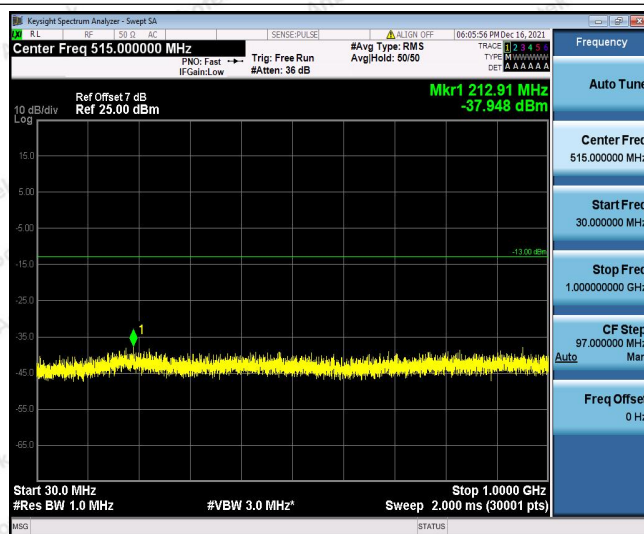
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Band2-9262-1000~3000MHz



Band2-9262-3000~10000MHz

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Band2-9262-10000~20000MHz



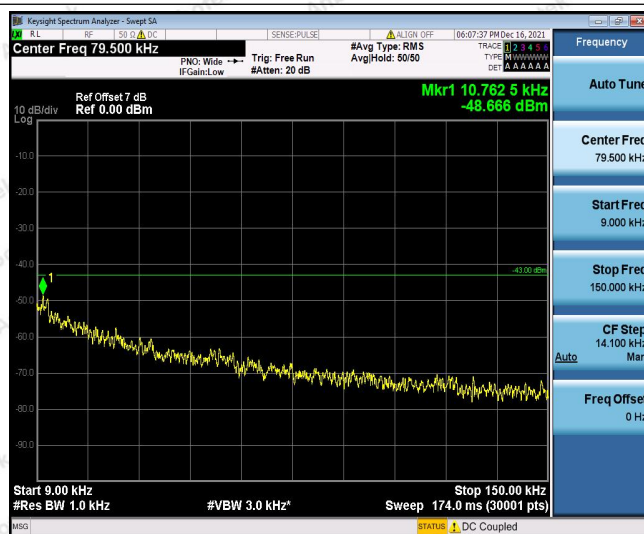
Band2-9400-0.009~0.15MHz

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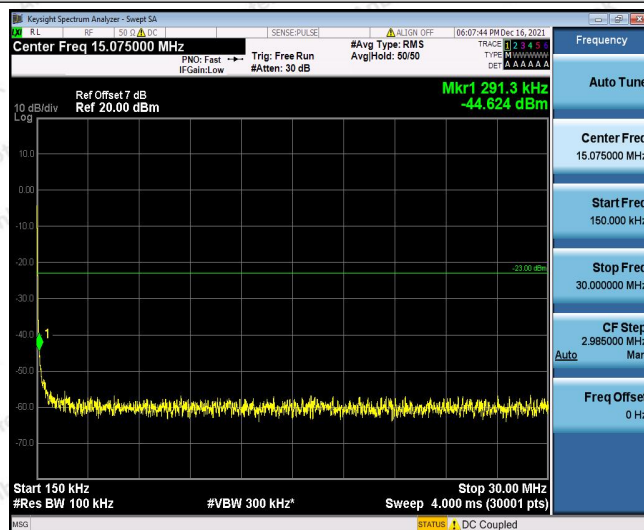
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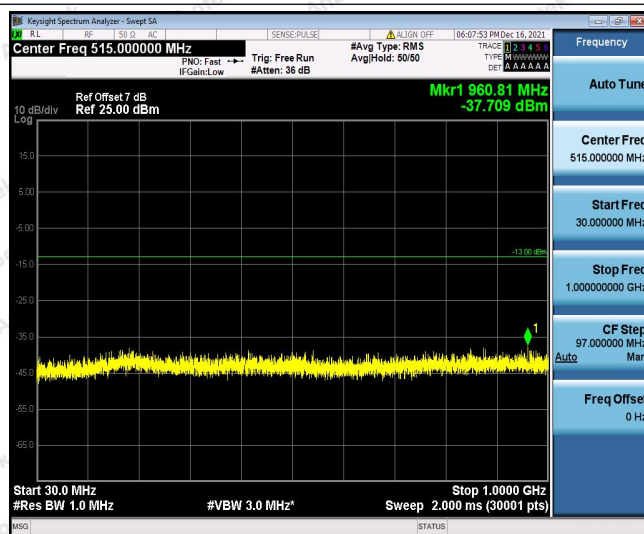
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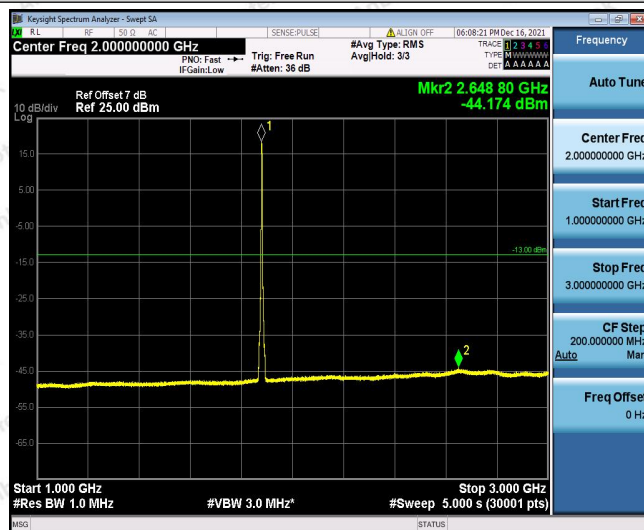
Band2-9400-0.15~30MHz



Band2-9400-30~1000MHz



Band2-9400-1000~3000MHz



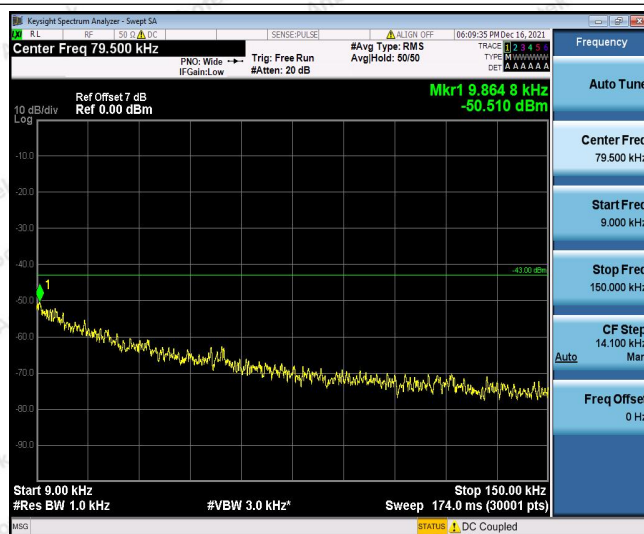
Band2-9400-3000~10000MHz



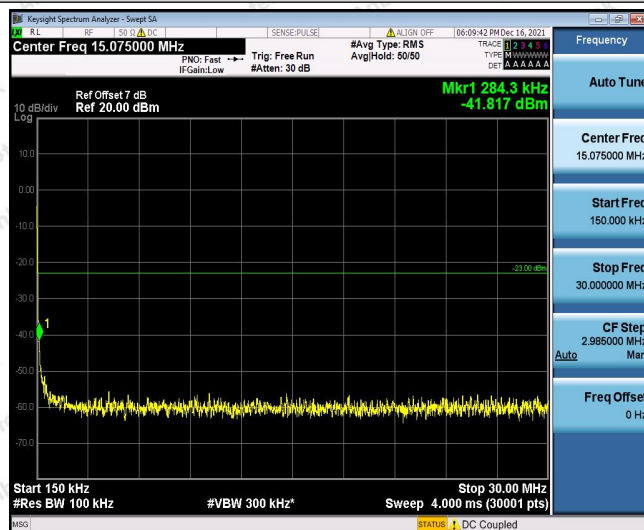
Band2-9400-10000~20000MHz



Band2-9538-0.009~0.15MHz



Band2-9538-0.15~30MHz



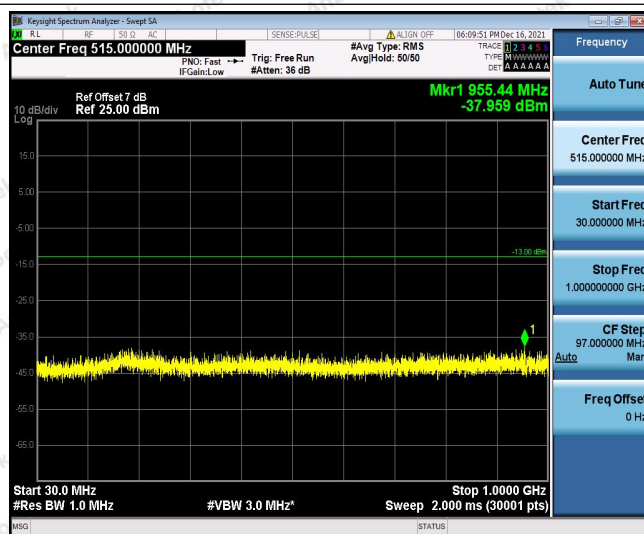
Band2-9538-30~1000MHz

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Band2-9538-1000~3000MHz



Band2-9538-3000~10000MHz



Band2-9538-10000~20000MHz



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Appendix F: Frequency Stability VS Voltage

Test Result

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	VL	NT	-11.15	-0.006019	±2.5	PASS
Band2	9262	VN	NT	-10.54	-0.005690	±2.5	PASS
Band2	9262	VH	NT	-11.62	-0.006273	±2.5	PASS
Band2	9400	VL	NT	-10.71	-0.005697	±2.5	PASS
Band2	9400	VN	NT	-8.74	-0.004649	±2.5	PASS
Band2	9400	VH	NT	-9.66	-0.005138	±2.5	PASS
Band2	9538	VL	NT	-11.97	-0.006275	±2.5	PASS
Band2	9538	VN	NT	-11.97	-0.006275	±2.5	PASS
Band2	9538	VH	NT	-10.59	-0.005551	±2.5	PASS

Appendix G: Frequency Stability VS Temperature

Test Result

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	NV	-30	-12.86	-0.006942	±2.5	PASS
Band2	9262	NV	-20	-7.30	-0.003941	±2.5	PASS
Band2	9262	NV	0	-9.02	-0.004869	±2.5	PASS
Band2	9262	NV	10	-12.34	-0.006662	±2.5	PASS
Band2	9262	NV	20	-15.12	-0.008162	±2.5	PASS
Band2	9262	NV	30	-8.18	-0.004416	±2.5	PASS
Band2	9262	NV	40	-7.89	-0.004259	±2.5	PASS
Band2	9262	NV	50	-11.58	-0.006251	±2.5	PASS
Band2	9400	NV	-30	-13.06	-0.006947	±2.5	PASS
Band2	9400	NV	-20	-14.36	-0.007638	±2.5	PASS
Band2	9400	NV	0	-13.85	-0.007367	±2.5	PASS
Band2	9400	NV	10	-13.28	-0.007064	±2.5	PASS
Band2	9400	NV	20	-4.99	-0.002654	±2.5	PASS
Band2	9400	NV	30	-9.36	-0.004979	±2.5	PASS
Band2	9400	NV	40	-8.99	-0.004782	±2.5	PASS
Band2	9400	NV	50	-7.13	-0.003793	±2.5	PASS
Band2	9538	NV	-30	-9.53	-0.004996	±2.5	PASS

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Band2	9538	NV	-20	-8.57	-0.004493	±2.5	PASS
Band2	9538	NV	0	-9.56	-0.005012	±2.5	PASS
Band2	9538	NV	10	-9.93	-0.005205	±2.5	PASS
Band2	9538	NV	20	-11.39	-0.005971	±2.5	PASS
Band2	9538	NV	30	-12.92	-0.006773	±2.5	PASS
Band2	9538	NV	40	-12.21	-0.006401	±2.5	PASS
Band2	9538	NV	50	-9.65	-0.005059	±2.5	PASS

---End---