

WCDMA Band II Test Data

Product Name : Tablet

Model Number : xTablet T1190

FCC ID : O86T1190

Applicant:	MobileDemand, L.C. 1501 Boyson Sq Dr, Ste 101 Hiawatha, Iowa, 52233, United States
Manufacturer:	MobileDemand, L.C. No.88 East Qianjin Road, Kunshan city, Jiangsu province, China
Product Description:	Tablet
Trademark:	MobileDemand
Model Number:	xTablet T1190

AppendixA: RF POWER OUTPUT

Test Result

Band	Channel	Power(dBm)	Limit(dBm)	Verdict
Band2	9262	22.93	33	PASS
Band2	9400	23.02	33	PASS
Band2	9538	22.84	33	PASS



AppendixB:Peak-to-Average Ratio

Test Result

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9262	3.18	13	PASS
Band2	9400	3.24	13	PASS
Band2	9538	3.1	13	PASS



Test Graphs

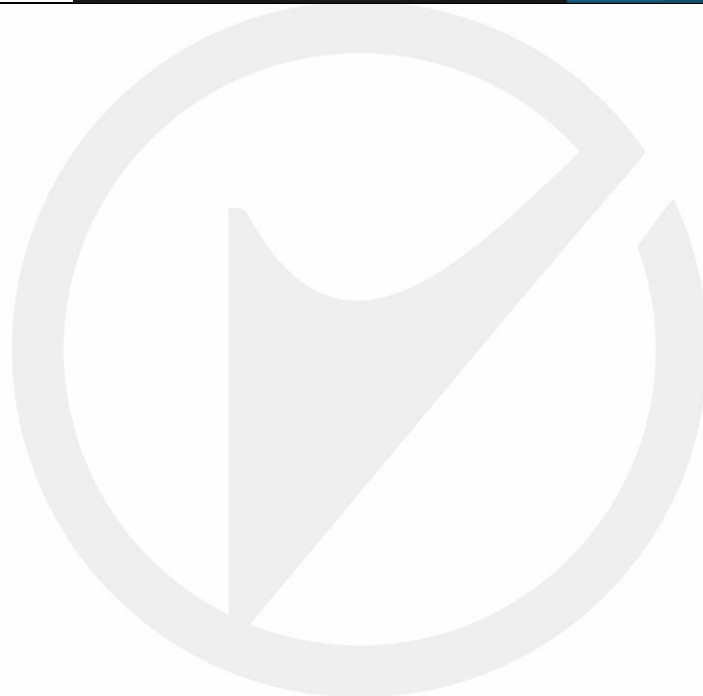
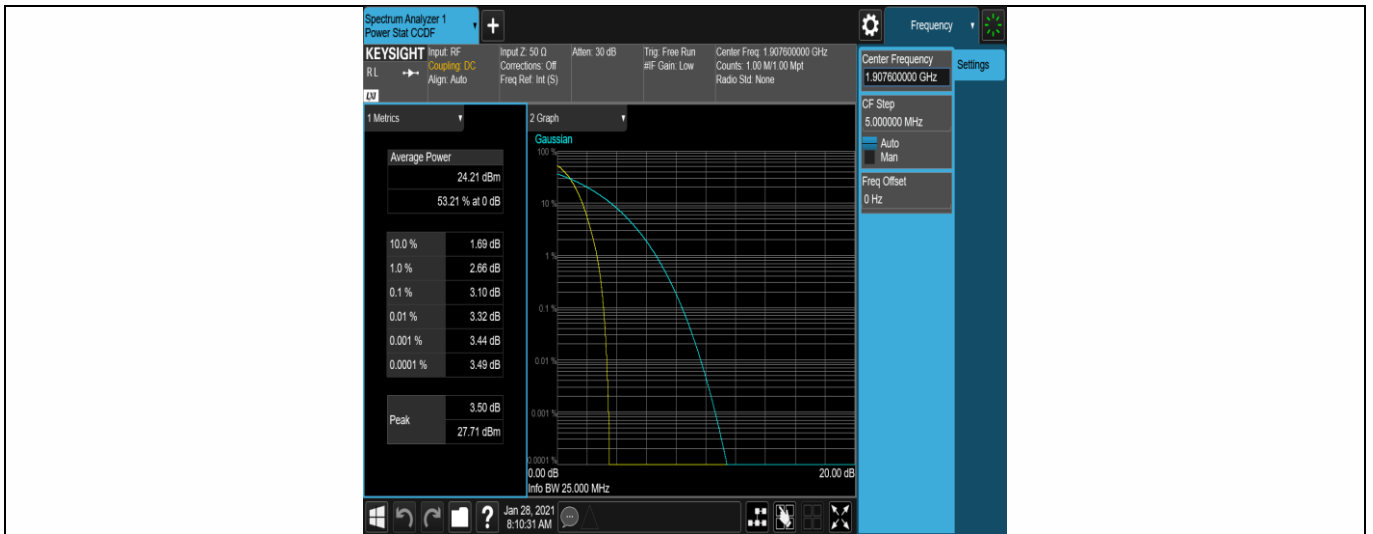
Band2-9262



Band2-9400



Band2-9538



AppendixC:26dB Bandwidth andOccupied Bandwidth

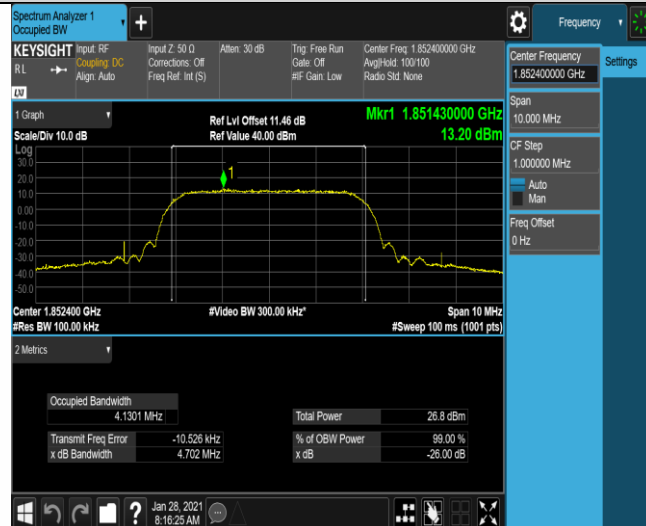
Test Result

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(kHz)	Verdict
Band2	9262	4.1301	4.702	---	PASS
Band2	9400	4.1285	4.714	---	PASS
Band2	9538	4.1220	4.703	---	PASS

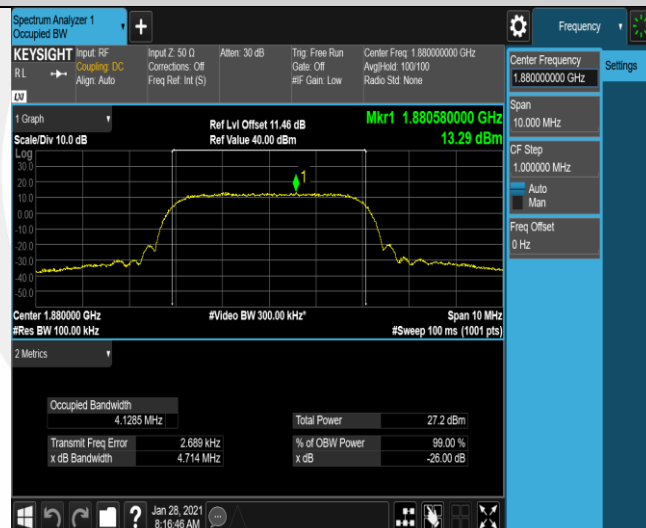


Test Graphs

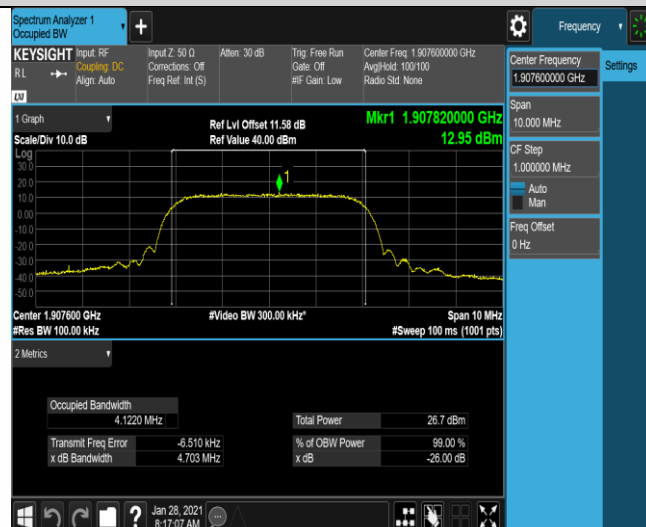
Band2-9262



Band2-9400



Band2-9538



AppendixD:Band Edge

Test Result

Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band2	9262	1850.00	-20.97	-13	PASS
Band2	9538	1910.00	-21.87	-13	PASS



Test Graphs

Band2-9262



Band2-9538



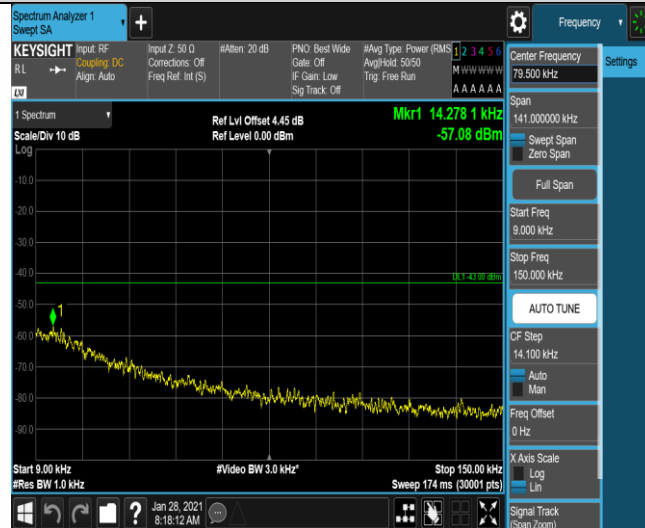
Appendix E: Conducted Spurious Emission

Test Result

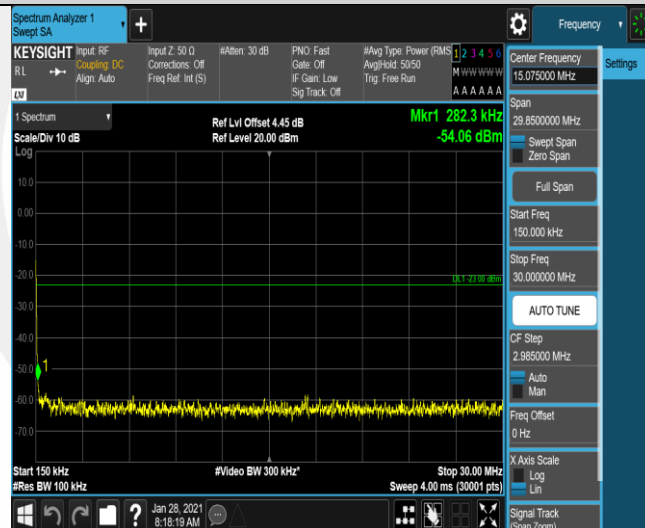
Band	Channel	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band2	9262	0.009~0.15MHz	0.01	-57.08	-43	PASS
Band2	9262	0.15~30MHz	0.28	-54.06	-23	PASS
Band2	9262	30~1000MHz	916.13	-35.82	-13	PASS
Band2	9262	1000~3000MHz	2612.67	-38.54	-13	PASS
Band2	9262	3000~10000MHz	3834.87	-50.66	-13	PASS
Band2	9262	10000~20000MHz	19999	-43.03	-13	PASS
Band2	9400	0.009~0.15MHz	0.01	-56.32	-43	PASS
Band2	9400	0.15~30MHz	0.31	-53.5	-23	PASS
Band2	9400	30~1000MHz	697.3	-35.86	-13	PASS
Band2	9400	1000~3000MHz	2609.87	-38.62	-13	PASS
Band2	9400	3000~10000MHz	3841.63	-50.86	-13	PASS
Band2	9400	10000~20000MHz	19171	-43.14	-13	PASS
Band2	9538	0.009~0.15MHz	0.01	-56.92	-43	PASS
Band2	9538	0.15~30MHz	0.28	-55.07	-23	PASS
Band2	9538	30~1000MHz	956.64	-35.69	-13	PASS
Band2	9538	1000~3000MHz	2654.27	-38.47	-13	PASS
Band2	9538	3000~10000MHz	3817.83	-50.66	-13	PASS
Band2	9538	10000~20000MHz	19072.67	-43.3	-13	PASS

Test Graphs

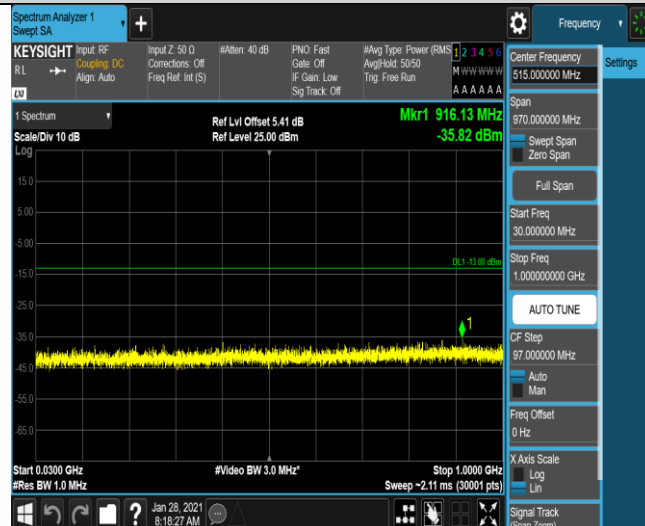
Band2-9262-0.009~0.15MHz



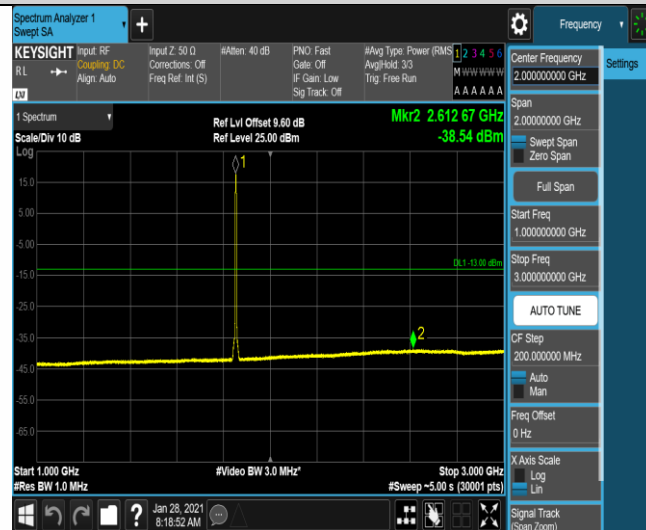
Band2-9262-0.15~30MHz



Band2-9262-30~1000MHz



Band2-9262-1000~3000MHz



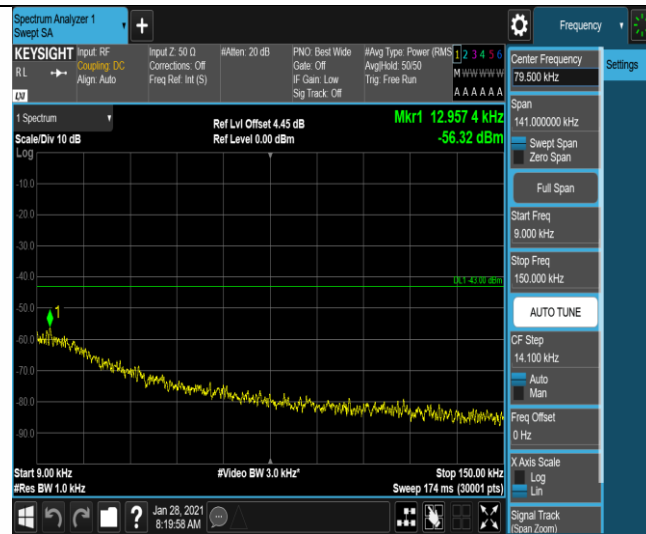
Band2-9262-3000~10000MHz



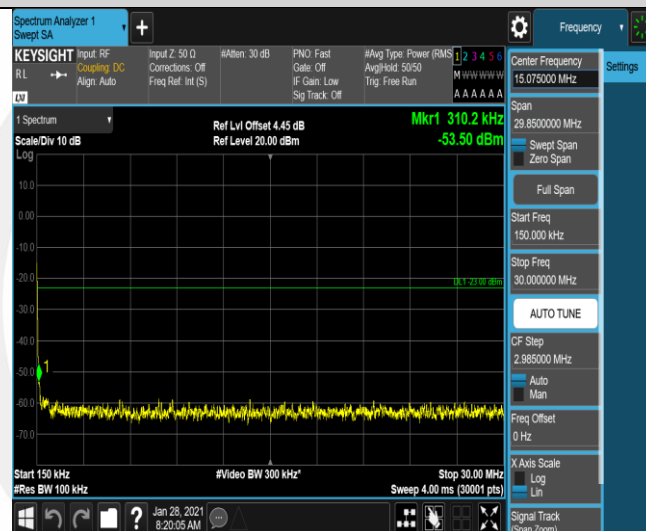
Band2-9262-10000~20000MHz



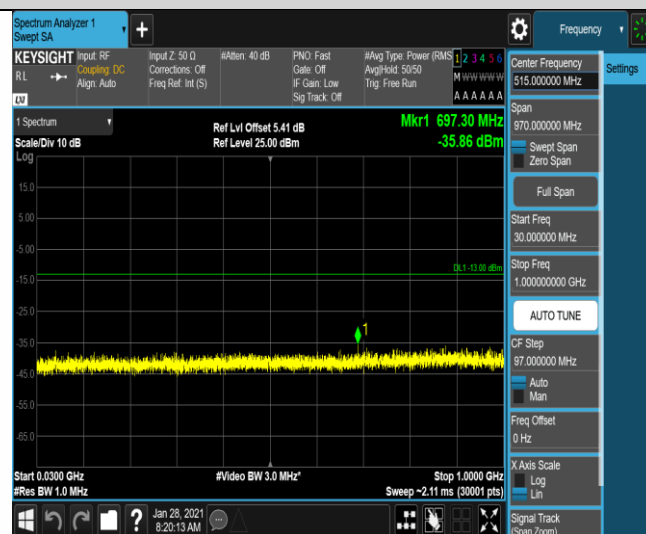
Band2-9400-0.009~0.15MHz



Band2-9400-0.15~30MHz



Band2-9400-30~1000MHz



Band2-9400-1000~3000MHz



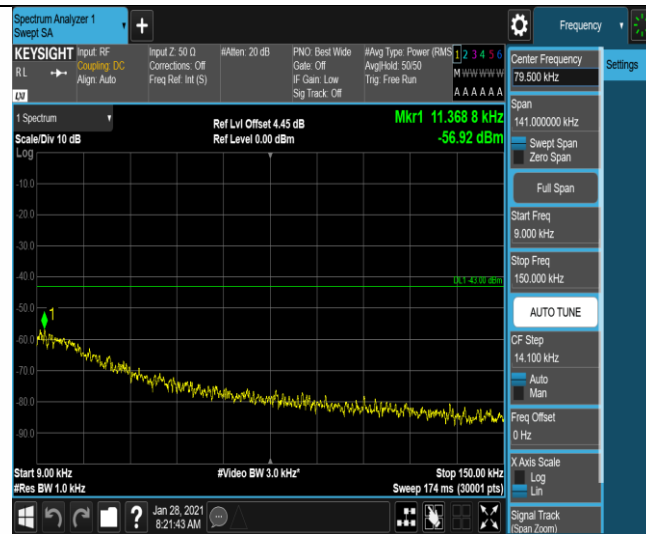
Band2-9400-3000~10000MHz



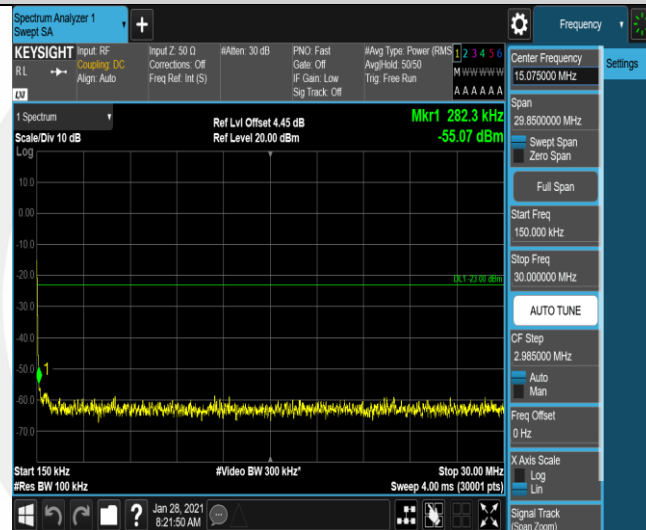
Band2-9400-10000~20000MHz



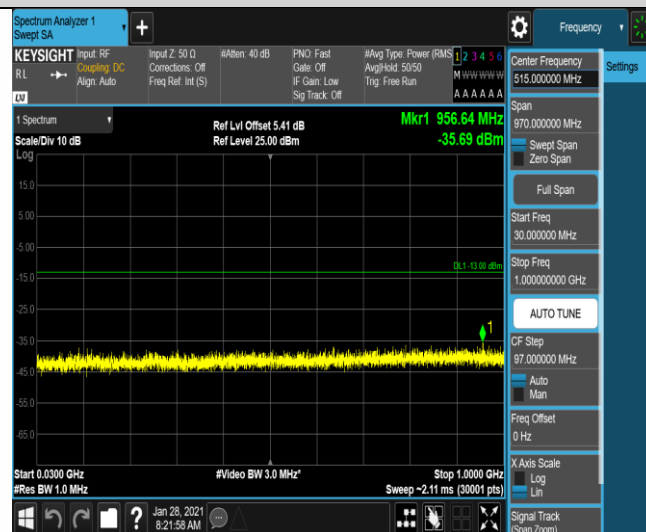
Band2-9538-0.009~0.15MHz



Band2-9538-0.15~30MHz



Band2-9538-30~1000MHz



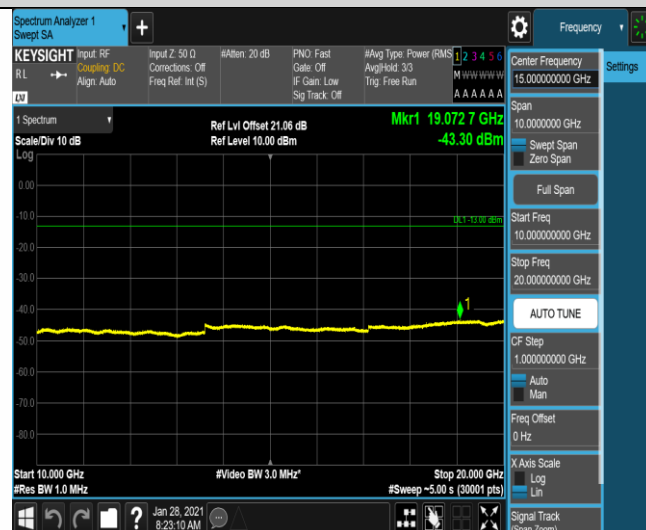
Band2-9538-1000~3000MHz



Band2-9538-3000~10000MHz



Band2-9538-10000~20000MHz



Appendix F: Frequency Stability

Test Result

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	VL	NT	14.57	0.007865	±2.5	PASS
Band2	9262	VN	NT	15.18	0.008195	±2.5	PASS
Band2	9262	VH	NT	15.03	0.008114	±2.5	PASS
Band2	9400	VL	NT	10.78	0.005734	±2.5	PASS
Band2	9400	VN	NT	11.33	0.006027	±2.5	PASS
Band2	9400	VH	NT	11.32	0.006021	±2.5	PASS
Band2	9538	VL	NT	4.61	0.002417	±2.5	PASS
Band2	9538	VN	NT	4.48	0.002349	±2.5	PASS
Band2	9538	VH	NT	4.06	0.002128	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	NV	-30	16.01	0.008643	±2.5	PASS
Band2	9262	NV	-20	16.52	0.008918	±2.5	PASS
Band2	9262	NV	-10	16.56	0.008940	±2.5	PASS
Band2	9262	NV	0	16.76	0.009048	±2.5	PASS
Band2	9262	NV	10	16.94	0.009145	±2.5	PASS
Band2	9262	NV	20	17.02	0.009188	±2.5	PASS
Band2	9262	NV	30	16.38	0.008843	±2.5	PASS
Band2	9262	NV	40	16.73	0.009032	±2.5	PASS
Band2	9262	NV	50	17.83	0.009625	±2.5	PASS
Band2	9400	NV	-30	10.33	0.005495	±2.5	PASS
Band2	9400	NV	-20	11.27	0.005995	±2.5	PASS
Band2	9400	NV	-10	11.22	0.005968	±2.5	PASS
Band2	9400	NV	0	10.89	0.005793	±2.5	PASS
Band2	9400	NV	10	10.41	0.005537	±2.5	PASS
Band2	9400	NV	20	10.99	0.005846	±2.5	PASS
Band2	9400	NV	30	12.32	0.006553	±2.5	PASS
Band2	9400	NV	40	11.06	0.005883	±2.5	PASS
Band2	9400	NV	50	10.28	0.005468	±2.5	PASS

Band2	9538	NV	-30	4.86	0.002548	±2.5	PASS
Band2	9538	NV	-20	5.11	0.002679	±2.5	PASS
Band2	9538	NV	-10	4.07	0.002134	±2.5	PASS
Band2	9538	NV	0	4.56	0.002390	±2.5	PASS
Band2	9538	NV	10	4.16	0.002181	±2.5	PASS
Band2	9538	NV	20	4.29	0.002249	±2.5	PASS
Band2	9538	NV	30	4.74	0.002485	±2.5	PASS
Band2	9538	NV	40	3.79	0.001987	±2.5	PASS
Band2	9538	NV	50	3.98	0.002086	±2.5	PASS

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