

WCDMA Band V 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
Band5	4132	22.92	38.5	PASS
Band5	4183	22.94	38.5	PASS
Band5	4233	22.79	38.5	PASS



AppendixB:Peak-to-Average Ratio

Test Result

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band5	4132	3	13	PASS
Band5	4183	3.28	13	PASS
Band5	4233	3.2	13	PASS



Test Graphs

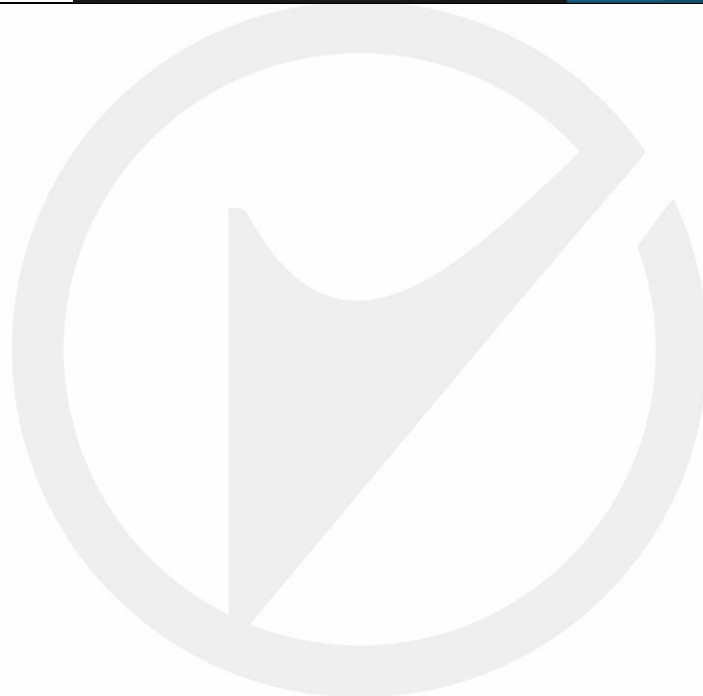
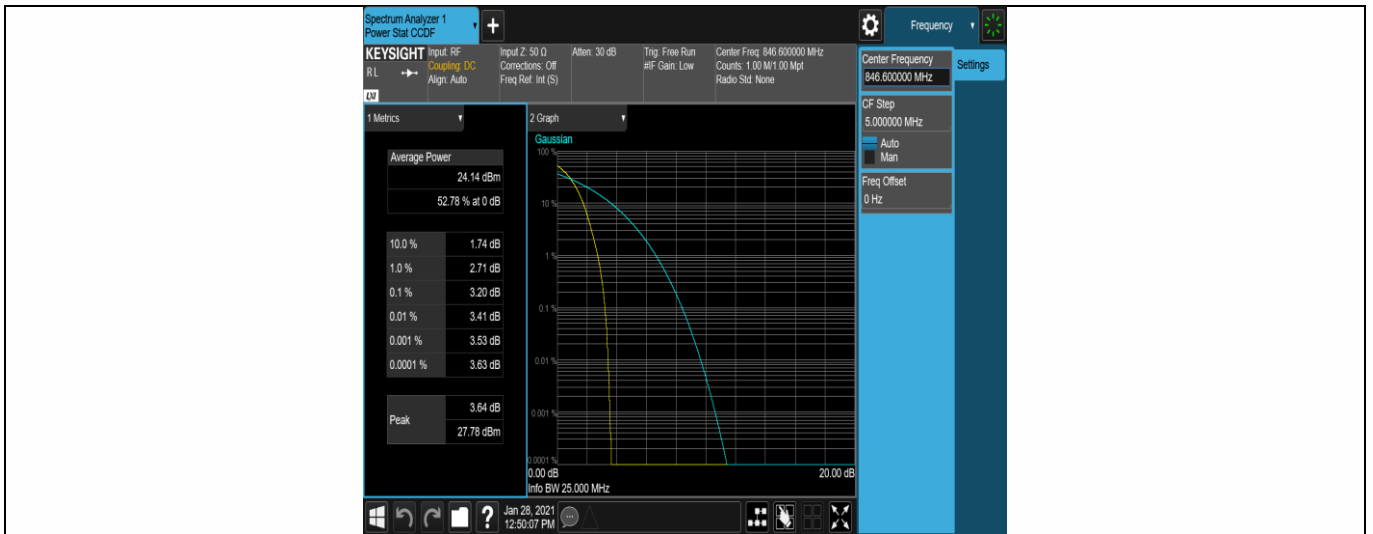
Band5-4132



Band5-4183



Band5-4233



AppendixC:26dB Bandwidth andOccupied Bandwidth

Test Result

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(kHz)	Verdict
Band5	4132	4.1243	4.706	---	PASS
Band5	4183	4.1320	4.722	---	PASS
Band5	4233	4.1378	4.710	---	PASS



Test Graphs

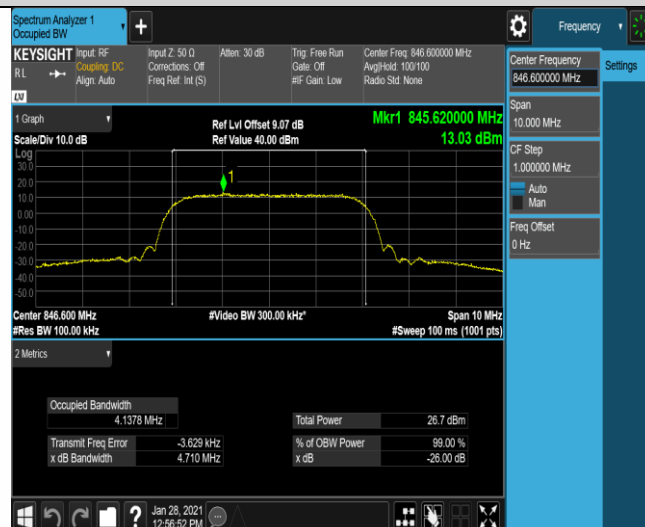
Band5-4132



Band5-4183



Band5-4233



AppendixD:Band Edge

Test Result

Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band5	4132	824.00	-20.84	-13	PASS
Band5	4233	849.00	-21.47	-13	PASS



Test Graphs

Band5-4132



Band5-4233



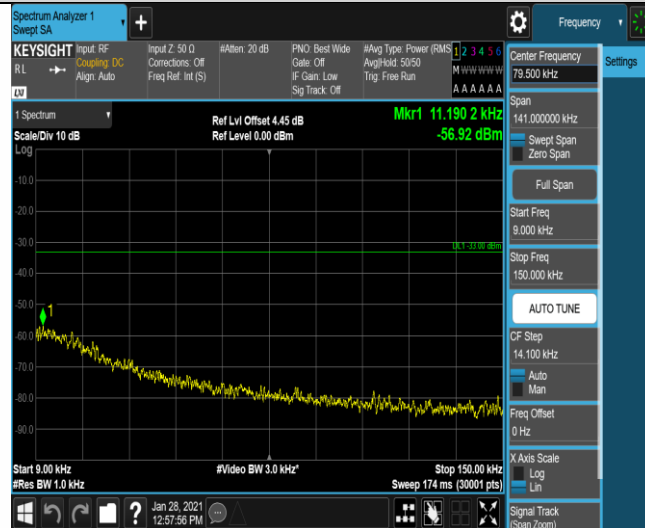
Appendix E: Conducted Spurious Emission

Test Result

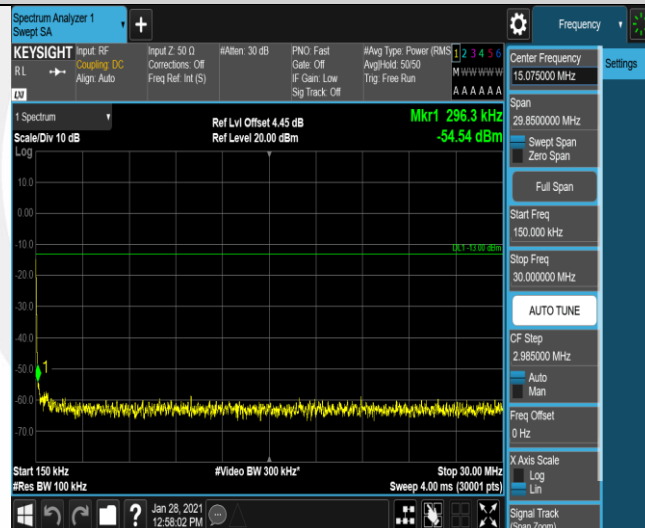
Band	Channel	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band5	4132	0.009~0.15MHz	0.01	-56.92	-33	PASS
Band5	4132	0.15~30MHz	0.3	-54.54	-13	PASS
Band5	4132	30~1000MHz	928.22	-36.74	-13	PASS
Band5	4132	1000~3000MHz	2624.07	-36.99	-13	PASS
Band5	4132	3000~10000MHz	3821.57	-50.62	-13	PASS
Band5	4132	10000~18000MHz	13605.6	-52.14	-13	PASS
Band5	4183	0.009~0.15MHz	0.01	-57.05	-33	PASS
Band5	4183	0.15~30MHz	0.29	-54.73	-13	PASS
Band5	4183	30~1000MHz	661.37	-36.12	-13	PASS
Band5	4183	1000~3000MHz	2663.53	-36.73	-13	PASS
Band5	4183	3000~10000MHz	3807.1	-50.73	-13	PASS
Band5	4183	10000~18000MHz	13600.27	-52.23	-13	PASS
Band5	4233	0.009~0.15MHz	0.01	-54.85	-33	PASS
Band5	4233	0.15~30MHz	0.28	-53.44	-13	PASS
Band5	4233	30~1000MHz	986.29	-35.4	-13	PASS
Band5	4233	1000~3000MHz	2678.13	-37	-13	PASS
Band5	4233	3000~10000MHz	3833.23	-50.66	-13	PASS
Band5	4233	10000~18000MHz	13603.2	-52.38	-13	PASS

Test Graphs

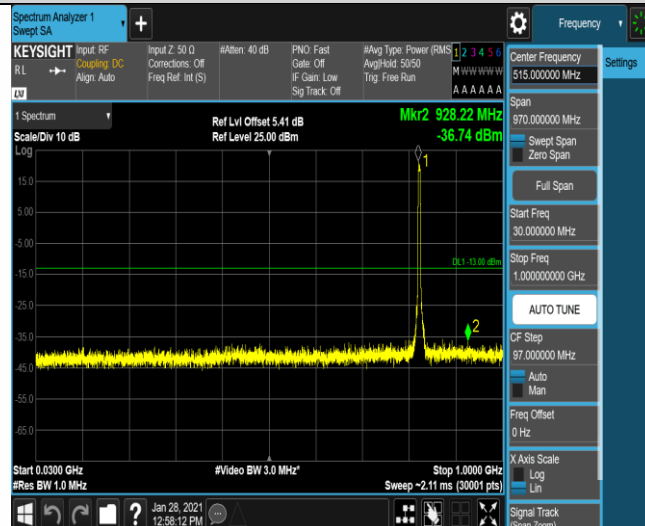
Band5-4132-0.009~0.15MHz



Band5-4132-0.15~30MHz



Band5-4132-30~1000MHz



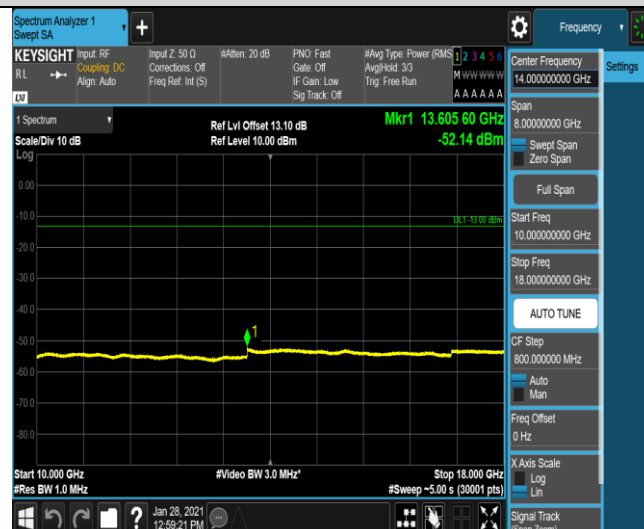
Band5-4132-1000~3000MHz



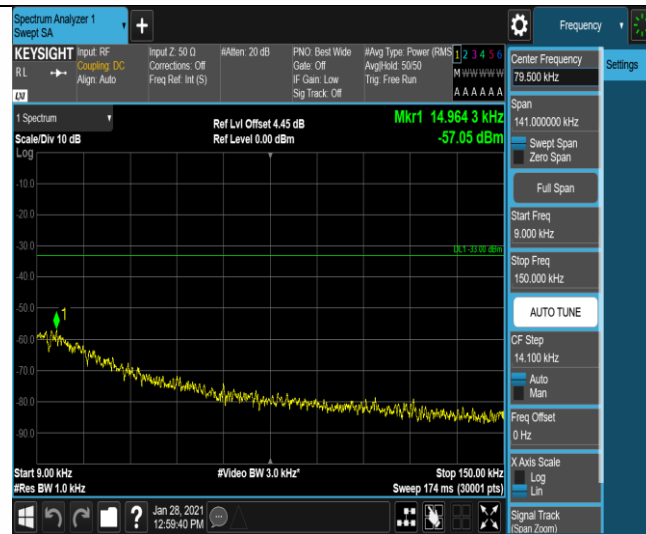
Band5-4132-3000~10000MHz



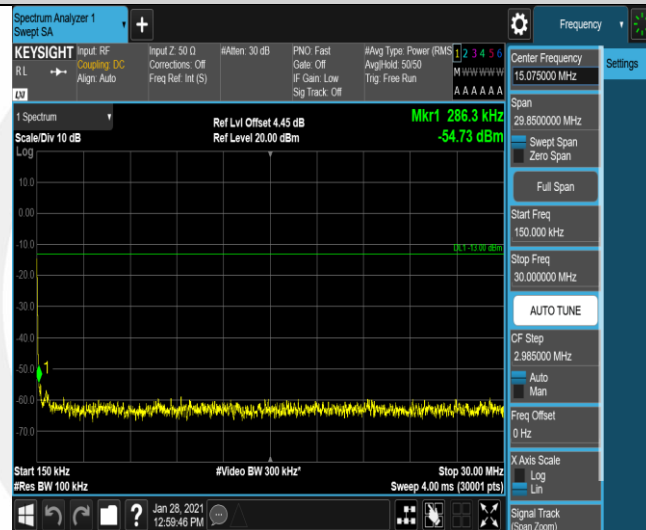
Band5-4132-10000~18000MHz



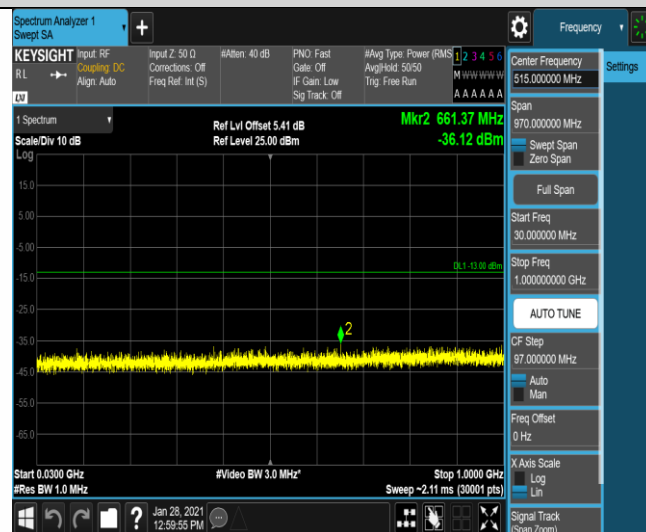
Band5-4183-0.009~0.15MHz



Band5-4183-0.15~30MHz



Band5-4183-30~1000MHz



Band5-4183-1000~3000MHz



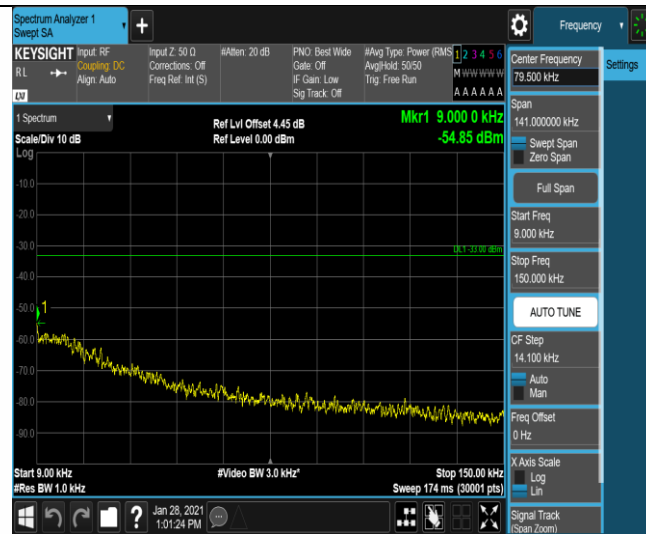
Band5-4183-3000~10000MHz



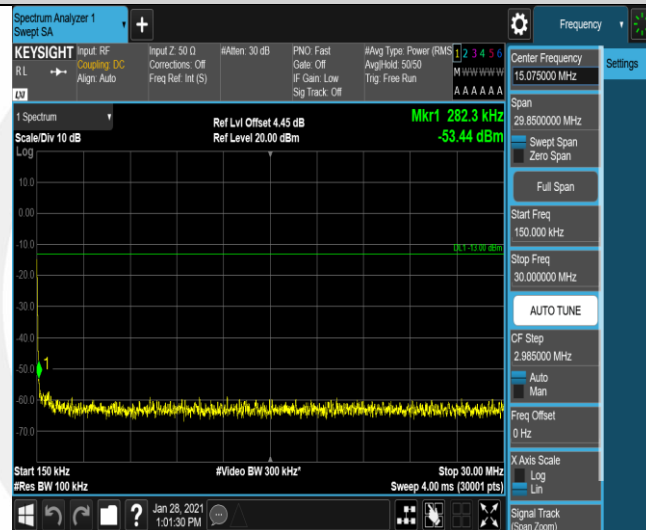
Band5-4183-10000~18000MHz



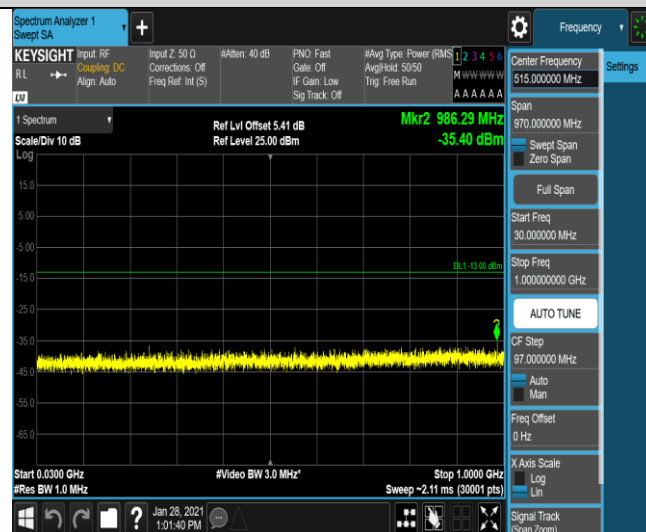
Band5-4233-0.009~0.15MHz



Band5-4233-0.15~30MHz



Band5-4233-30~1000MHz



Band5-4233-1000~3000MHz



Band5-4233-3000~10000MHz



Band5-4233-10000~18000MHz



Appendix F: Frequency Stability

Test Result

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	VL	NT	1.03	0.001246	±2.5	PASS
Band5	4132	VN	NT	0.75	0.000908	±2.5	PASS
Band5	4132	VH	NT	1.54	0.001864	±2.5	PASS
Band5	4183	VL	NT	-1.12	-0.001339	±2.5	PASS
Band5	4183	VN	NT	-0.36	-0.000430	±2.5	PASS
Band5	4183	VH	NT	-0.86	-0.001028	±2.5	PASS
Band5	4233	VL	NT	-2.60	-0.003071	±2.5	PASS
Band5	4233	VN	NT	-3.03	-0.003579	±2.5	PASS
Band5	4233	VH	NT	-2.47	-0.002918	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	NV	-30	1.18	0.001428	±2.5	PASS
Band5	4132	NV	-20	1.12	0.001355	±2.5	PASS
Band5	4132	NV	-10	1.19	0.001440	±2.5	PASS
Band5	4132	NV	0	1.14	0.001379	±2.5	PASS
Band5	4132	NV	10	1.19	0.001440	±2.5	PASS
Band5	4132	NV	20	1.25	0.001513	±2.5	PASS
Band5	4132	NV	30	1.39	0.001682	±2.5	PASS
Band5	4132	NV	40	1.07	0.001295	±2.5	PASS
Band5	4132	NV	50	1.69	0.002045	±2.5	PASS
Band5	4183	NV	-30	-0.61	-0.000729	±2.5	PASS
Band5	4183	NV	-20	-0.98	-0.001171	±2.5	PASS
Band5	4183	NV	-10	-0.81	-0.000968	±2.5	PASS
Band5	4183	NV	0	-1.02	-0.001219	±2.5	PASS
Band5	4183	NV	10	-0.62	-0.000741	±2.5	PASS
Band5	4183	NV	20	-0.64	-0.000765	±2.5	PASS
Band5	4183	NV	30	-1.18	-0.001410	±2.5	PASS
Band5	4183	NV	40	-0.08	-0.000096	±2.5	PASS
Band5	4183	NV	50	-0.25	-0.000299	±2.5	PASS

Band5	4233	NV	-30	-2.95	-0.003485	±2.5	PASS
Band5	4233	NV	-20	-2.70	-0.003189	±2.5	PASS
Band5	4233	NV	-10	-2.83	-0.003343	±2.5	PASS
Band5	4233	NV	0	-2.88	-0.003402	±2.5	PASS
Band5	4233	NV	10	-3.11	-0.003674	±2.5	PASS
Band5	4233	NV	20	-2.39	-0.002823	±2.5	PASS
Band5	4233	NV	30	-2.91	-0.003437	±2.5	PASS
Band5	4233	NV	40	-2.61	-0.003083	±2.5	PASS
Band5	4233	NV	50	-2.98	-0.003520	±2.5	PASS

***The End ***