

WCDMA Band IV 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
Band4	1312	22.27	30	PASS
Band4	1413	22.44	30	PASS
Band4	1513	22.27	30	PASS



AppendixB:Peak-to-Average Ratio

Test Result

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band4	1312	3.21	13	PASS
Band4	1413	3.25	13	PASS
Band4	1513	3.2	13	PASS



Test Graphs

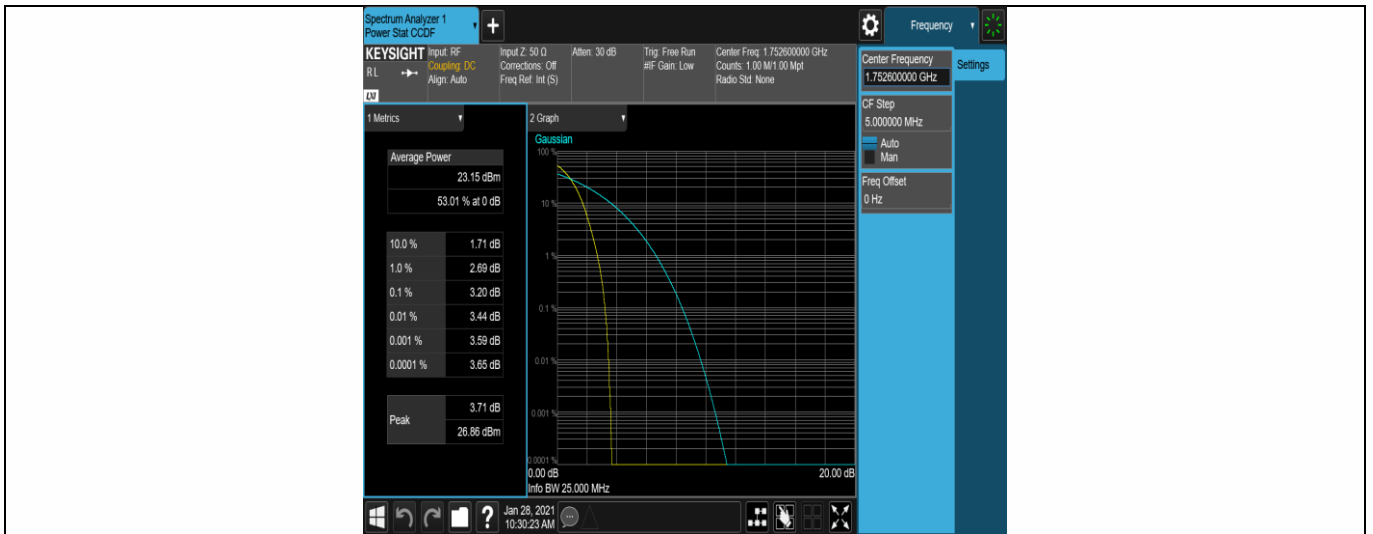
Band4-1312



Band4-1413



Band4-1513



AppendixC:26dB Bandwidth andOccupied Bandwidth

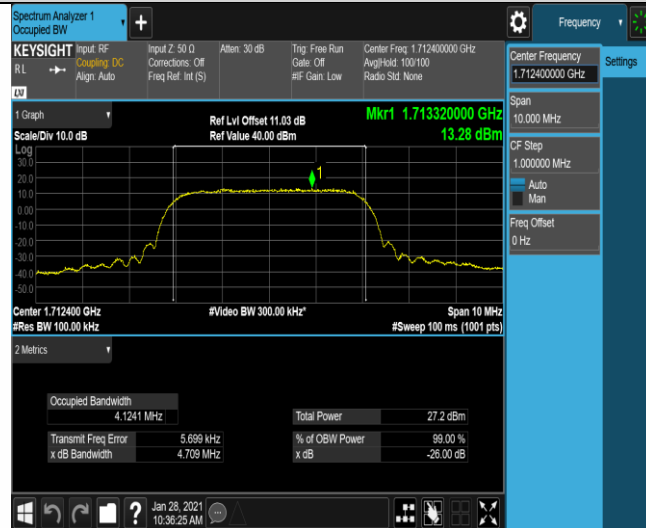
Test Result

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(kHz)	Verdict
Band4	1312	4.1241	4.709	---	PASS
Band4	1413	4.1273	4.710	---	PASS
Band4	1513	4.1300	4.713	---	PASS

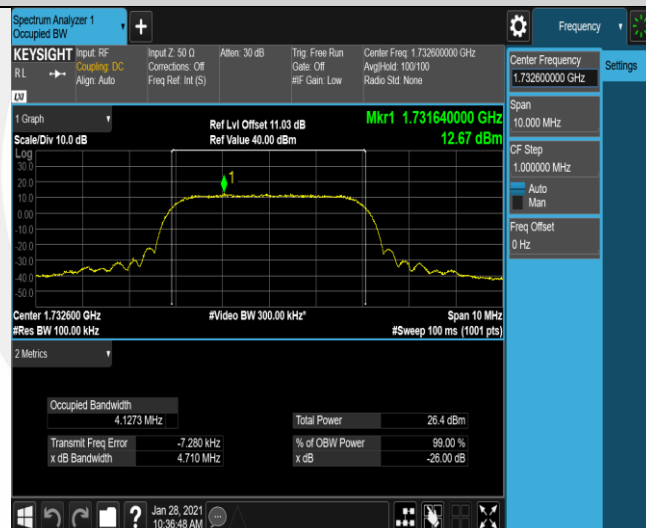


Test Graphs

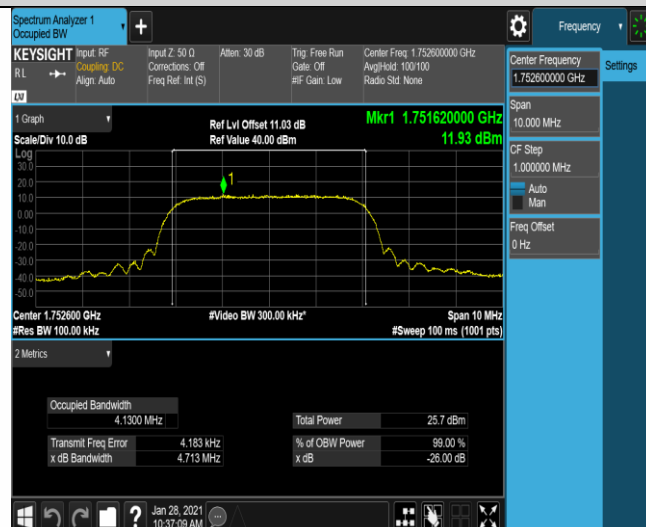
Band4-1312



Band4-1413



Band4-1513



AppendixD:Band Edge

Test Result

Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band4	1312	1710.00	-21.31	-13	PASS
Band4	1513	1755.00	-21.73	-13	PASS



Test Graphs

Band4-1312



Band4-1513



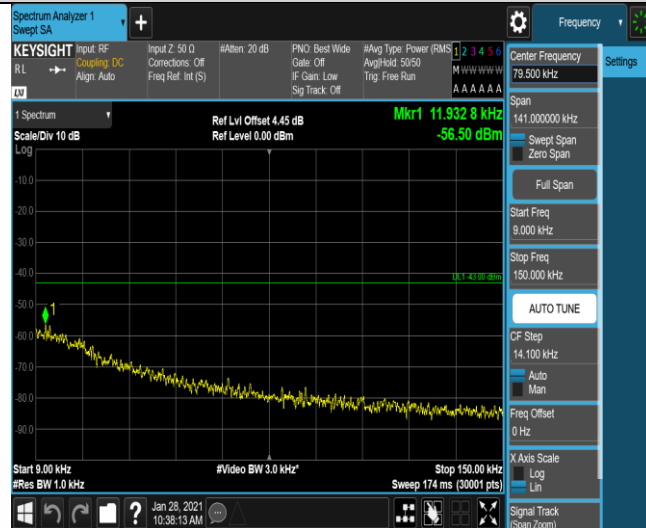
AppendixE:Conducted SpuriousEmission

Test Result

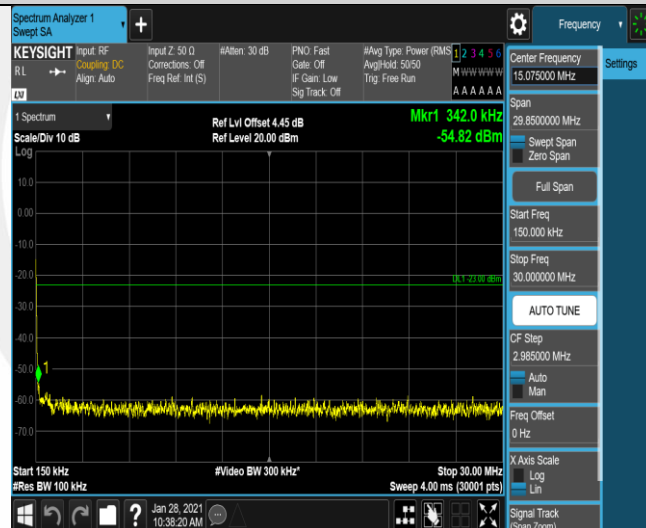
Band	Channel	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band4	1312	0.009~0.15MHz	0.01	-56.5	-43	PASS
Band4	1312	0.15~30MHz	0.34	-54.82	-23	PASS
Band4	1312	30~1000MHz	700.66	-35.96	-13	PASS
Band4	1312	1000~3000MHz	2608.47	-38.44	-13	PASS
Band4	1312	3000~10000MHz	3835.57	-50.55	-13	PASS
Band4	1312	10000~20000MHz	19992.67	-42.91	-13	PASS
Band4	1413	0.009~0.15MHz	0.01	-57.11	-43	PASS
Band4	1413	0.15~30MHz	0.3	-55.42	-23	PASS
Band4	1413	30~1000MHz	424.47	-35.97	-13	PASS
Band4	1413	1000~3000MHz	2691.13	-38.72	-13	PASS
Band4	1413	3000~10000MHz	3826.93	-50.54	-13	PASS
Band4	1413	10000~20000MHz	19431.33	-43	-13	PASS
Band4	1513	0.009~0.15MHz	0.01	-57.5	-43	PASS
Band4	1513	0.15~30MHz	0.3	-55.66	-23	PASS
Band4	1513	30~1000MHz	900.9	-36.53	-13	PASS
Band4	1513	1000~3000MHz	2636.8	-38.65	-13	PASS
Band4	1513	3000~10000MHz	3830.2	-50.61	-13	PASS
Band4	1513	10000~20000MHz	19182.67	-42.96	-13	PASS

Test Graphs

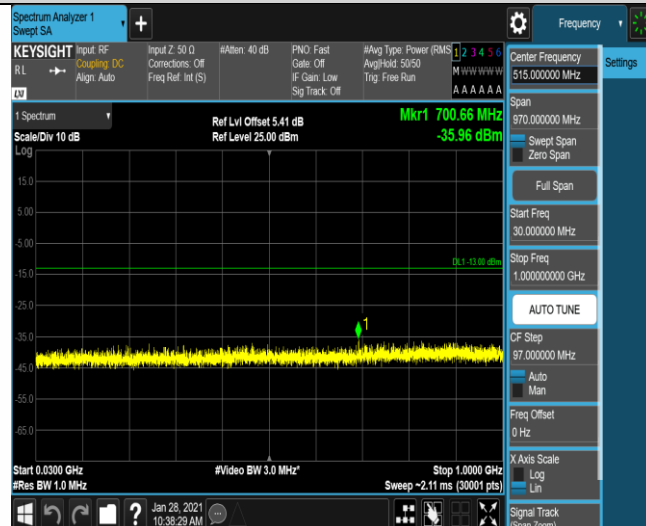
Band4-1312-0.009~0.15MHz



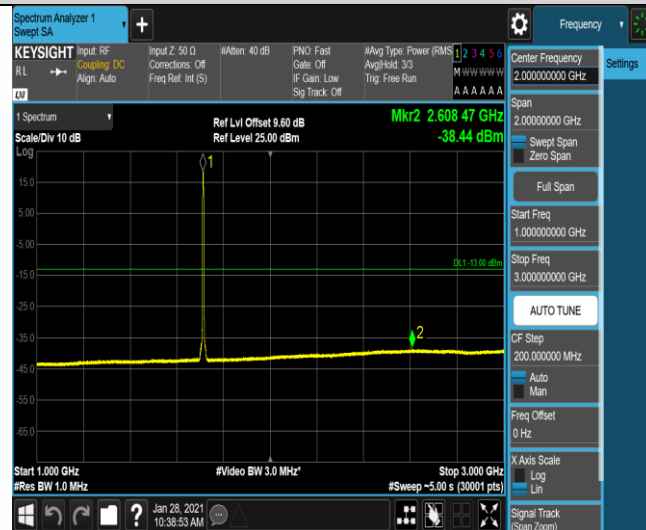
Band4-1312-0.15~30MHz



Band4-1312-30~1000MHz



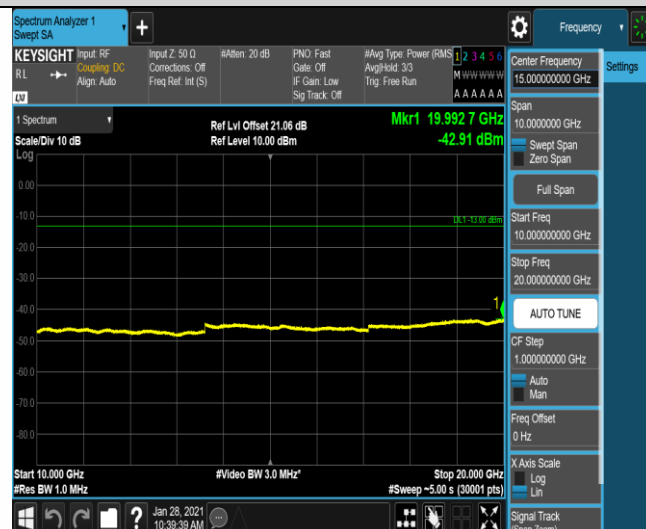
Band4-1312-1000~3000MHz



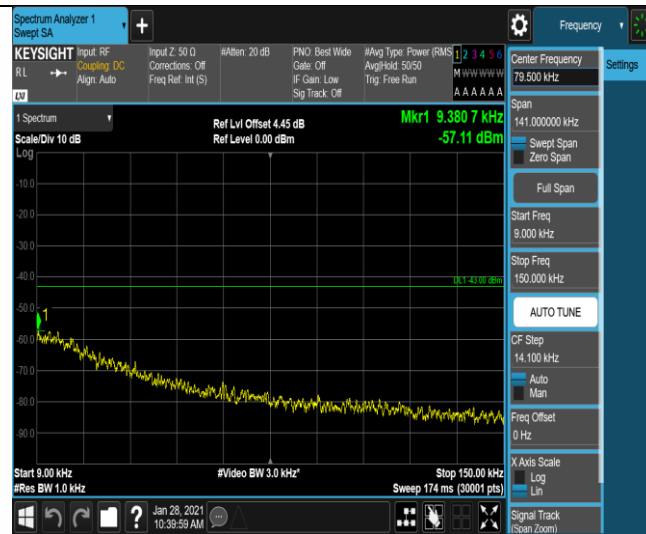
Band4-1312-3000~10000MHz



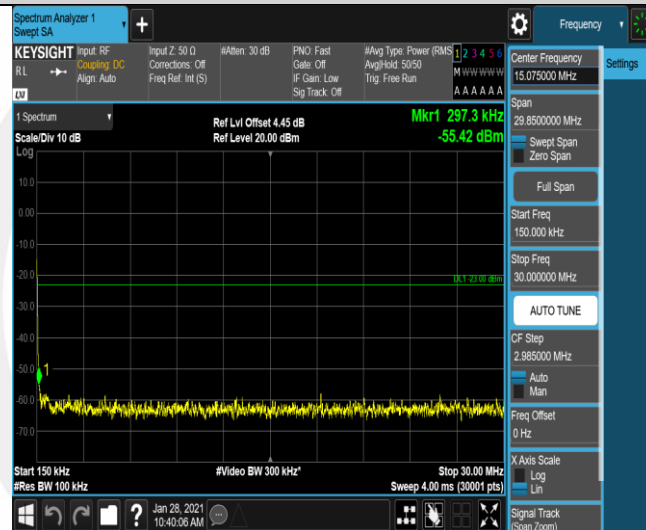
Band4-1312-10000~20000MHz



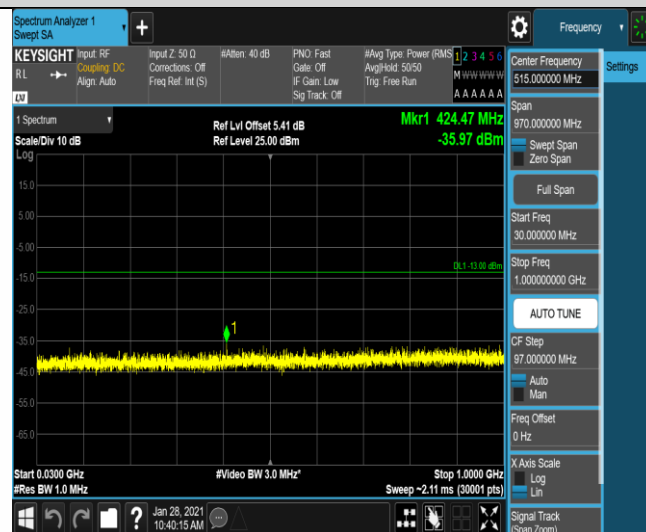
Band4-1413-0.009~0.15MHz



Band4-1413-0.15~30MHz



Band4-1413-30~1000MHz



Band4-1413-1000~3000MHz



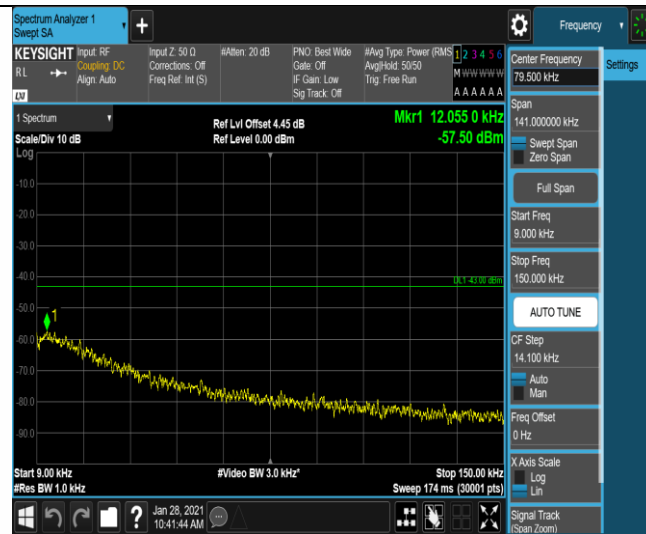
Band4-1413-3000~10000MHz



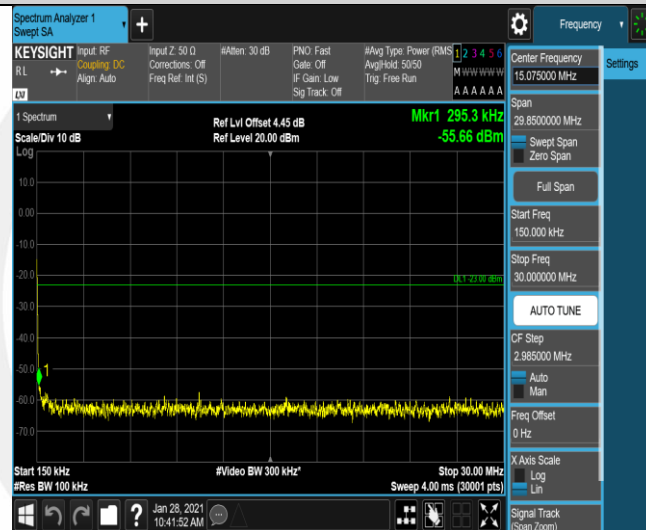
Band4-1413-10000~20000MHz



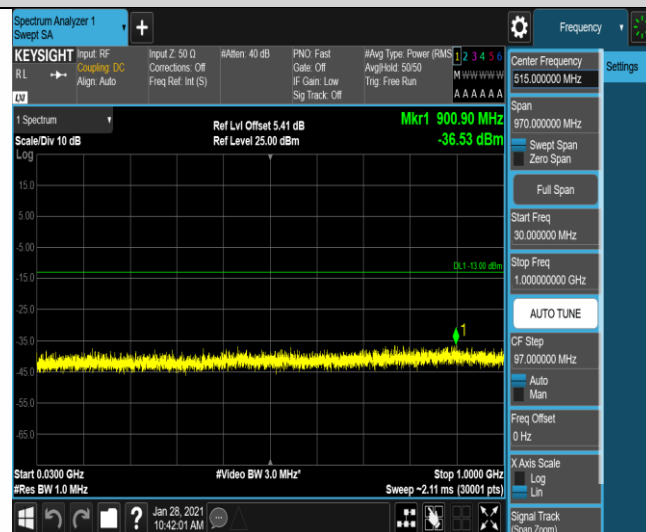
Band4-1513-0.009~0.15MHz



Band4-1513-0.15~30MHz



Band4-1513-30~1000MHz



Band4-1513-1000~3000MHz



Band4-1513-3000~10000MHz



Band4-1513-10000~20000MHz



Appendix F: Frequency Stability

Test Result

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	VL	NT	20.70	0.012088	±2.5	PASS
Band4	1312	VN	NT	19.92	0.011633	±2.5	PASS
Band4	1312	VH	NT	20.77	0.012129	±2.5	PASS
Band4	1413	VL	NT	-1.87	-0.001079	±2.5	PASS
Band4	1413	VN	NT	-1.38	-0.000796	±2.5	PASS
Band4	1413	VH	NT	-0.11	-0.000063	±2.5	PASS
Band4	1513	VL	NT	-16.19	-0.009238	±2.5	PASS
Band4	1513	VN	NT	-15.15	-0.008644	±2.5	PASS
Band4	1513	VH	NT	-14.28	-0.008148	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	NV	-30	22.08	0.012894	±2.5	PASS
Band4	1312	NV	-20	19.36	0.011306	±2.5	PASS
Band4	1312	NV	-10	20.57	0.012012	±2.5	PASS
Band4	1312	NV	0	21.18	0.012369	±2.5	PASS
Band4	1312	NV	10	20.91	0.012211	±2.5	PASS
Band4	1312	NV	20	21.14	0.012345	±2.5	PASS
Band4	1312	NV	30	21.44	0.012520	±2.5	PASS
Band4	1312	NV	40	21.24	0.012404	±2.5	PASS
Band4	1312	NV	50	21.25	0.012409	±2.5	PASS
Band4	1413	NV	-30	-0.77	-0.000444	±2.5	PASS
Band4	1413	NV	-20	-1.15	-0.000664	±2.5	PASS
Band4	1413	NV	-10	-1.07	-0.000618	±2.5	PASS
Band4	1413	NV	0	-1.17	-0.000675	±2.5	PASS
Band4	1413	NV	10	-1.60	-0.000923	±2.5	PASS
Band4	1413	NV	20	-0.92	-0.000531	±2.5	PASS
Band4	1413	NV	30	-0.46	-0.000265	±2.5	PASS
Band4	1413	NV	40	-1.33	-0.000768	±2.5	PASS
Band4	1413	NV	50	-0.39	-0.000225	±2.5	PASS

Band4	1513	NV	-30	-15.62	-0.008912	±2.5	PASS
Band4	1513	NV	-20	-15.80	-0.009015	±2.5	PASS
Band4	1513	NV	-10	-15.70	-0.008958	±2.5	PASS
Band4	1513	NV	0	-16.06	-0.009164	±2.5	PASS
Band4	1513	NV	10	-15.82	-0.009027	±2.5	PASS
Band4	1513	NV	20	-15.75	-0.008987	±2.5	PASS
Band4	1513	NV	30	-15.58	-0.008890	±2.5	PASS
Band4	1513	NV	40	-16.14	-0.009209	±2.5	PASS
Band4	1513	NV	50	-15.39	-0.008781	±2.5	PASS

***The End ***