

Appendix Test Data

Report No:	1812C50133012505	Test Sample NO:	1-2-2
Start Test Date:	2025-04-02	Finish Test Date:	2025-04-25
Test Engineer:	<i>Joker Huang</i>	Auditor:	<i>Justin Feng</i>
Temperature:	24.3°C	Relative Humidity:	56%
Pressure:	101 kPa		

Appendix A: Conducted Output Power

Test Result(WCDMA)

Band	Channel	Power(dBm)	ERP/EIRP(dBm)	Limit(dBm)	Verdict
Band5	4132	22.92	20.77	38.45	PASS
Band5	4182	23.15	21	38.45	PASS
Band5	4233	22.93	20.78	38.45	PASS

Test Result(HSDPA)

Band	Channel	SubTest	Power(dBm)	ERP/EIRP(dBm)	Limit(dBm)	Verdict
Band5	4132	1	22.09	19.94	38.45	PASS
Band5	4132	2	21.48	19.33	38.45	PASS
Band5	4132	3	21.56	19.41	38.45	PASS
Band5	4132	4	21.57	19.42	38.45	PASS
Band5	4182	1	22.18	20.03	38.45	PASS
Band5	4182	2	21.66	19.51	38.45	PASS
Band5	4182	3	21.74	19.59	38.45	PASS
Band5	4182	4	21.64	19.49	38.45	PASS
Band5	4233	1	21.89	19.74	38.45	PASS
Band5	4233	2	21.41	19.26	38.45	PASS
Band5	4233	3	21.37	19.22	38.45	PASS
Band5	4233	4	21.37	19.22	38.45	PASS

Test Result(HSUPA)

Band	Channel	SubTest	Power(dBm)	ERP/EIRP(dBm)	Limit(dBm)	Verdict
Band5	4132	1	21.54	19.39	38.45	PASS
Band5	4132	2	20.95	18.8	38.45	PASS
Band5	4132	3	20.29	18.14	38.45	PASS

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Band5	4132	4	21.36	19.21	38.45	PASS
Band5	4132	5	22.21	20.06	38.45	PASS
Band5	4182	1	21.98	19.83	38.45	PASS
Band5	4182	2	20.61	18.46	38.45	PASS
Band5	4182	3	20.35	18.2	38.45	PASS
Band5	4182	4	21.40	19.25	38.45	PASS
Band5	4182	5	22.21	20.06	38.45	PASS
Band5	4233	1	21.79	19.64	38.45	PASS
Band5	4233	2	20.45	18.3	38.45	PASS
Band5	4233	3	20.85	18.7	38.45	PASS
Band5	4233	4	21.24	19.09	38.45	PASS
Band5	4233	5	22.08	19.93	38.45	PASS

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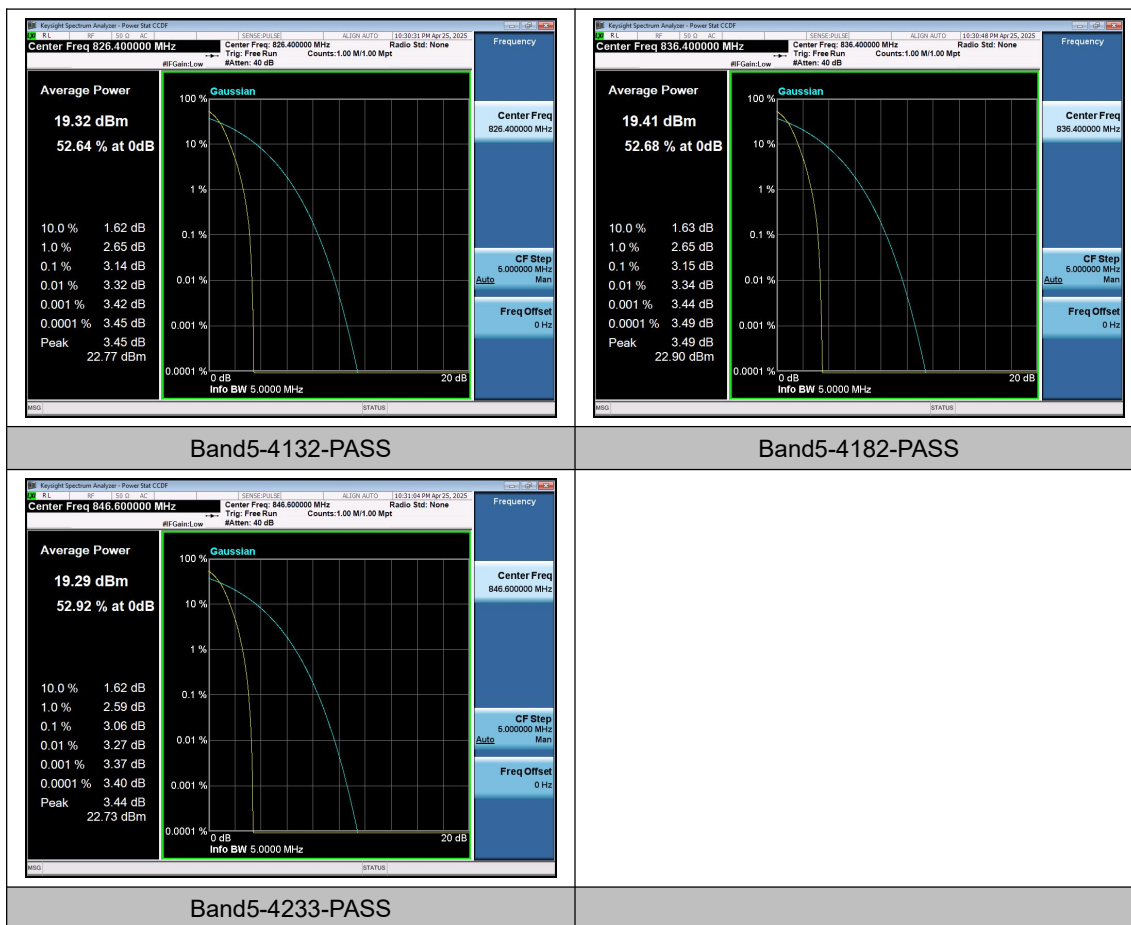
Appendix B: Peak-to-Average Ratio

Test Result

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dBm)	Verdict
Band5	4132	3.14	13	PASS
Band5	4182	3.15	13	PASS
Band5	4233	3.06	13	PASS



Test Graphs



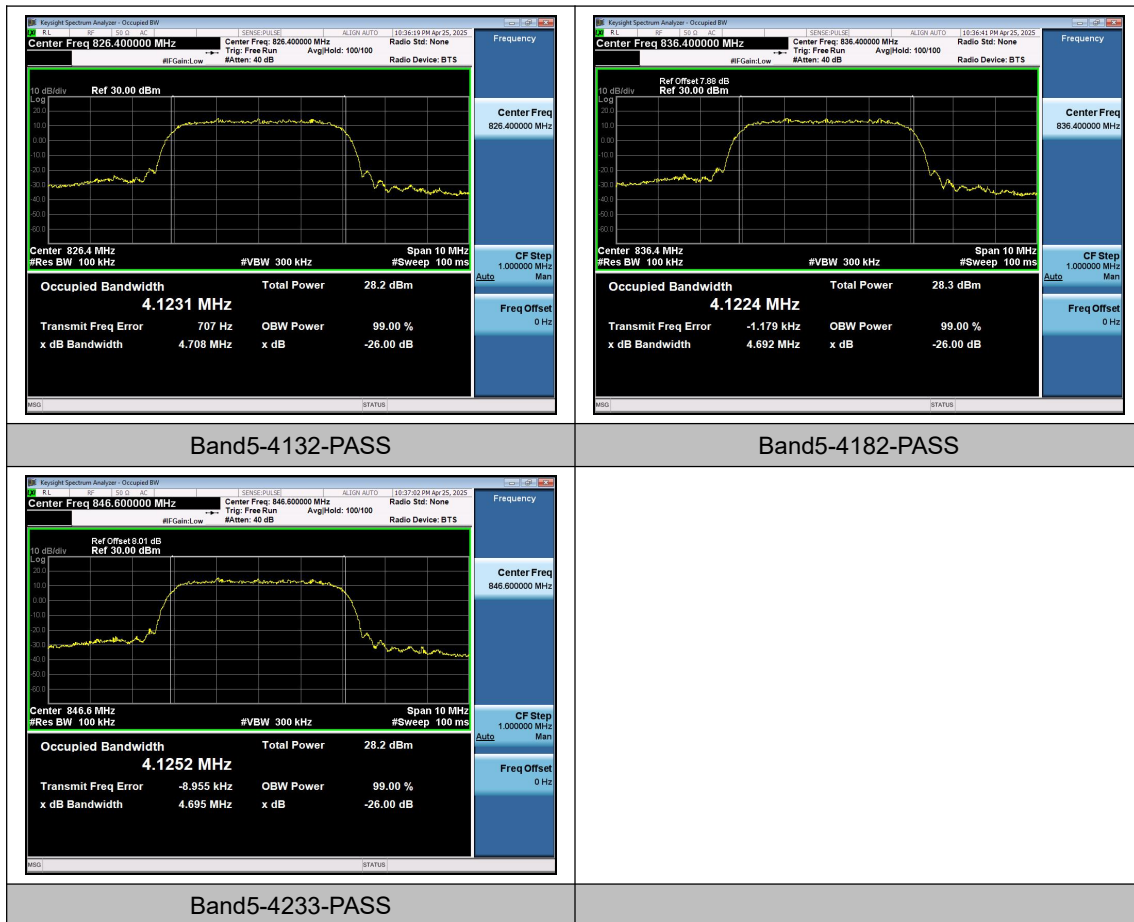
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(MHz)	Verdict
Band5	4132	4.1231	4.708	---	PASS
Band5	4182	4.1224	4.692	---	PASS
Band5	4233	4.1252	4.695	---	PASS



Test Graphs



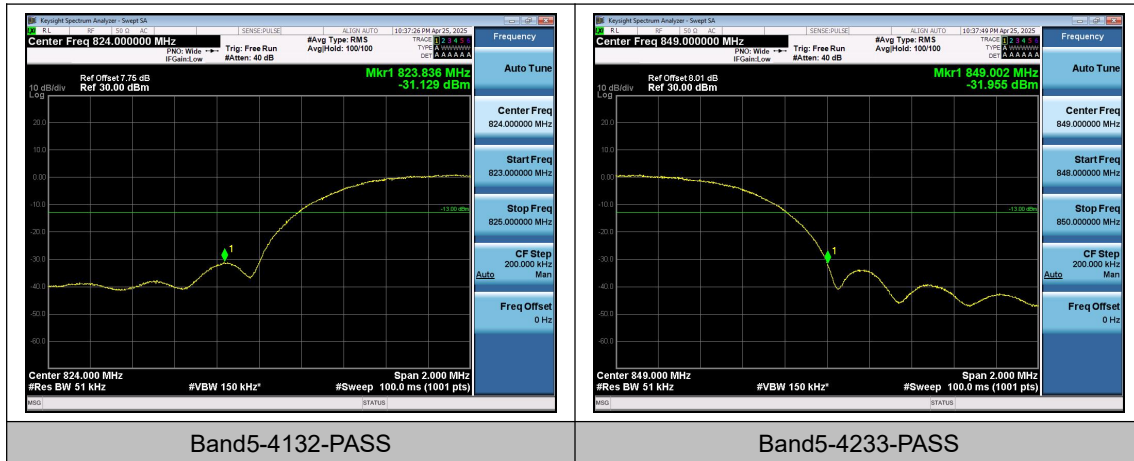
Appendix D: Band Edge

Test Result

Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band5	4132	823.84	-31.13	-13	PASS
Band5	4233	849.00	-31.95	-13	PASS



Test Graphs



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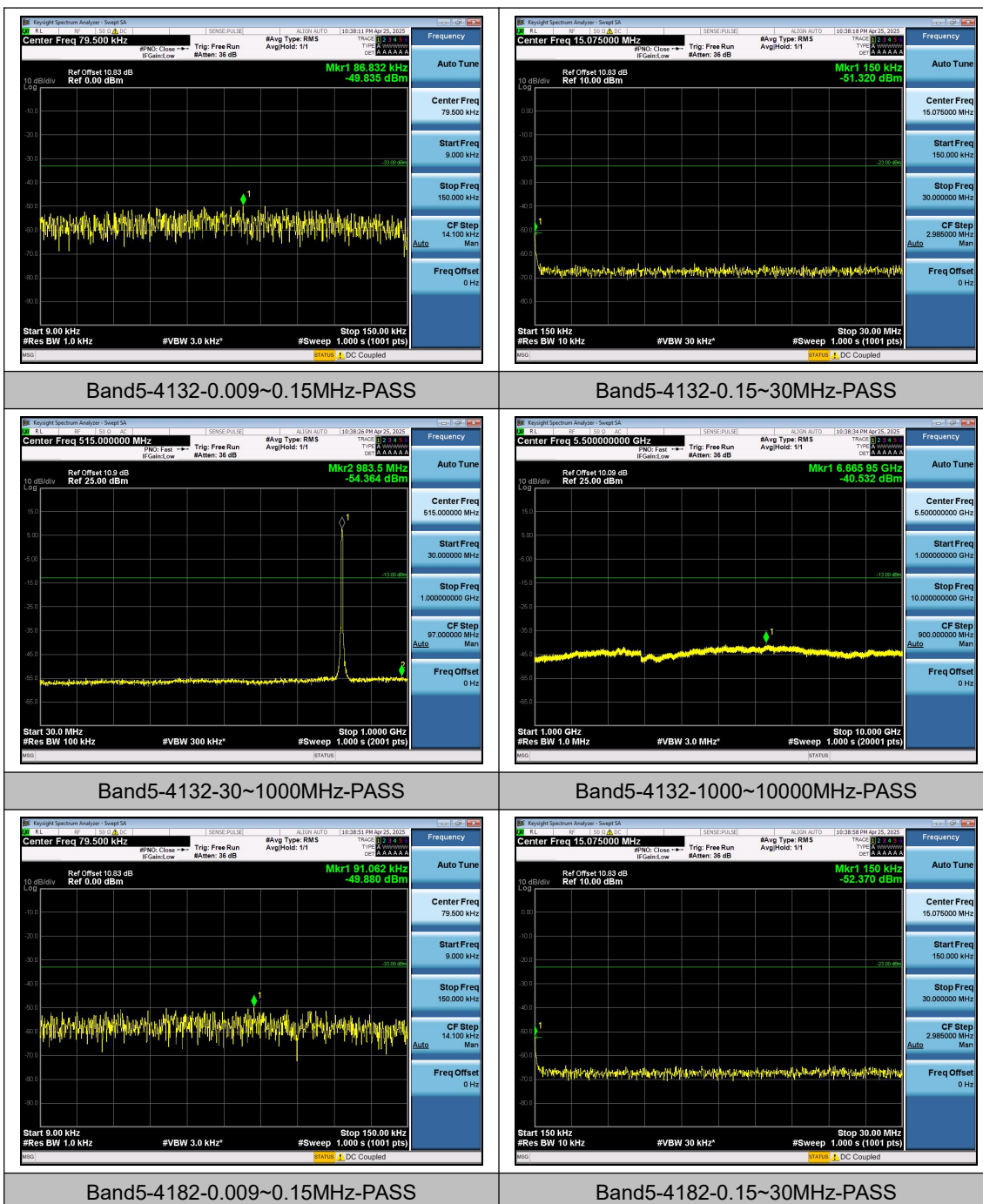
Appendix E: Conducted Spurious Emission

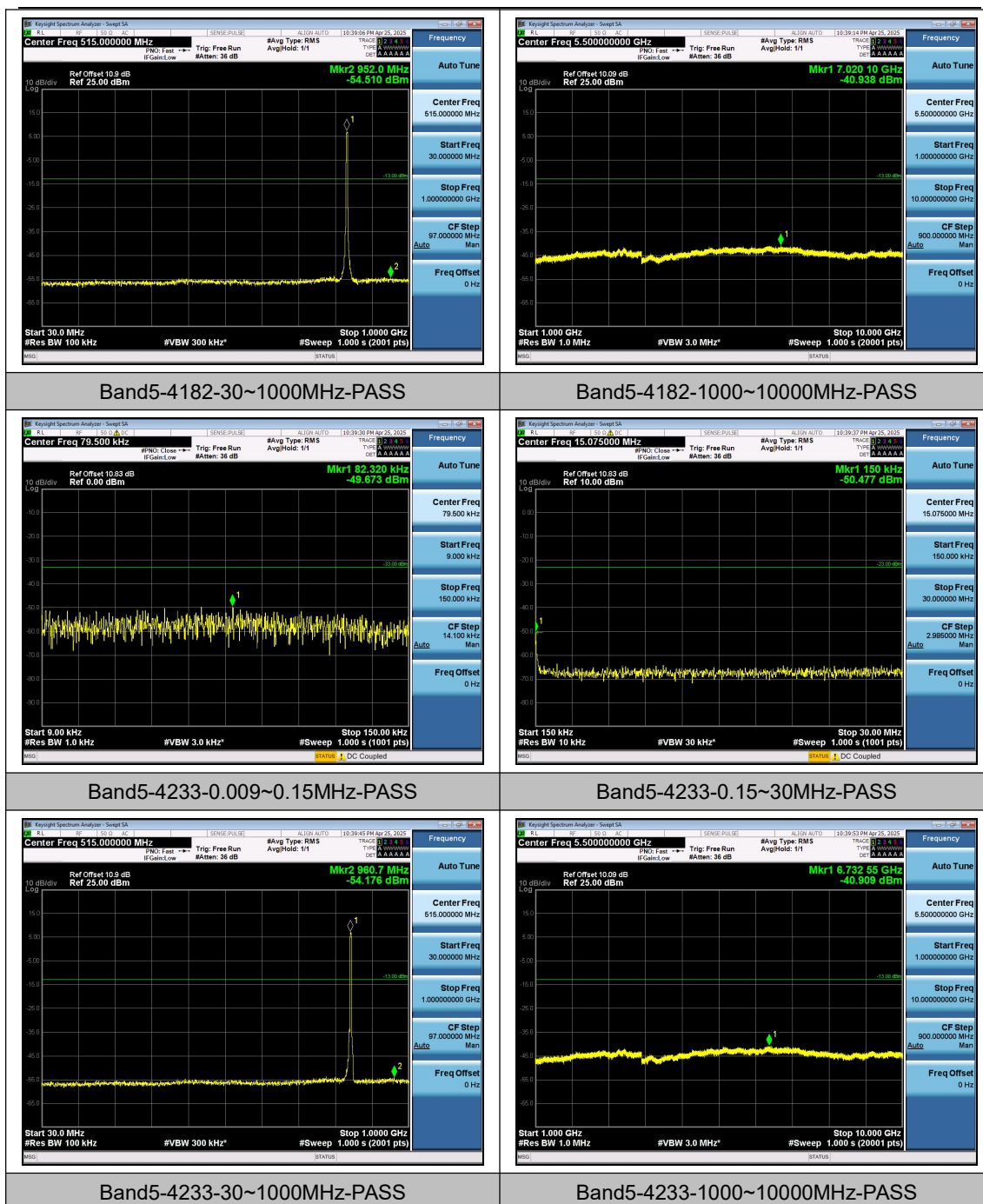
Test Result

Band	Channel	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band5	4132	0.009~0.15MHz	0.09	-49.84	-33	PASS
Band5	4132	0.15~30MHz	0.15	-51.32	-23	PASS
Band5	4132	30~1000MHz	983.51	-54.36	-13	PASS
Band5	4132	1000~10000MHz	6665.95	-40.53	-13	PASS
Band5	4182	0.009~0.15MHz	0.09	-49.88	-33	PASS
Band5	4182	0.15~30MHz	0.15	-52.37	-23	PASS
Band5	4182	30~1000MHz	951.99	-54.51	-13	PASS
Band5	4182	1000~10000MHz	7020.1	-40.94	-13	PASS
Band5	4233	0.009~0.15MHz	0.08	-49.67	-33	PASS
Band5	4233	0.15~30MHz	0.15	-50.48	-23	PASS
Band5	4233	30~1000MHz	960.72	-54.18	-13	PASS
Band5	4233	1000~10000MHz	6732.55	-40.91	-13	PASS



Test Graphs





Appendix F: Frequency Stability VS Voltage measurement

Test Result

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	VN	NT	2.34	0.002832	±2.5	PASS
Band5	4132	VL	NT	2.05	0.002481	±2.5	PASS
Band5	4132	VH	NT	1.59	0.001924	±2.5	PASS
Band5	4182	VN	NT	0.51	0.000610	±2.5	PASS
Band5	4182	VL	NT	0.92	0.001100	±2.5	PASS
Band5	4182	VH	NT	0.44	0.000526	±2.5	PASS
Band5	4233	VN	NT	-0.17	-0.000201	±2.5	PASS
Band5	4233	VL	NT	0.16	0.000189	±2.5	PASS
Band5	4233	VH	NT	-1.03	-0.001217	±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
Band5	4132	NV	-30	1.63	0.001972	±2.5	PASS
Band5	4132	NV	-20	1.62	0.001960	±2.5	PASS
Band5	4132	NV	-10	1.76	0.002130	±2.5	PASS
Band5	4132	NV	0	2.68	0.003243	±2.5	PASS
Band5	4132	NV	10	1.70	0.002057	±2.5	PASS
Band5	4132	NV	20	2.20	0.002662	±2.5	PASS
Band5	4132	NV	30	1.78	0.002154	±2.5	PASS
Band5	4132	NV	40	2.16	0.002614	±2.5	PASS
Band5	4132	NV	50	1.62	0.001960	±2.5	PASS
Band5	4182	NV	-30	0.14	0.000167	±2.5	PASS
Band5	4182	NV	-20	0.08	0.000096	±2.5	PASS
Band5	4182	NV	-10	0.11	0.000132	±2.5	PASS
Band5	4182	NV	0	0.31	0.000371	±2.5	PASS
Band5	4182	NV	10	-0.93	-0.001112	±2.5	PASS
Band5	4182	NV	20	0.30	0.000359	±2.5	PASS
Band5	4182	NV	30	0.67	0.000801	±2.5	PASS
Band5	4182	NV	40	0.05	0.000060	±2.5	PASS
Band5	4182	NV	50	0.37	0.000442	±2.5	PASS
Band5	4233	NV	-30	-0.20	-0.000236	±2.5	PASS
Band5	4233	NV	-20	-0.51	-0.000602	±2.5	PASS
Band5	4233	NV	-10	-0.26	-0.000307	±2.5	PASS
Band5	4233	NV	0	-0.29	-0.000343	±2.5	PASS
Band5	4233	NV	10	0.03	0.000035	±2.5	PASS
Band5	4233	NV	20	0.54	0.000638	±2.5	PASS
Band5	4233	NV	30	-0.44	-0.000520	±2.5	PASS
Band5	4233	NV	40	0.49	0.000579	±2.5	PASS
Band5	4233	NV	50	0.05	0.000059	±2.5	PASS

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