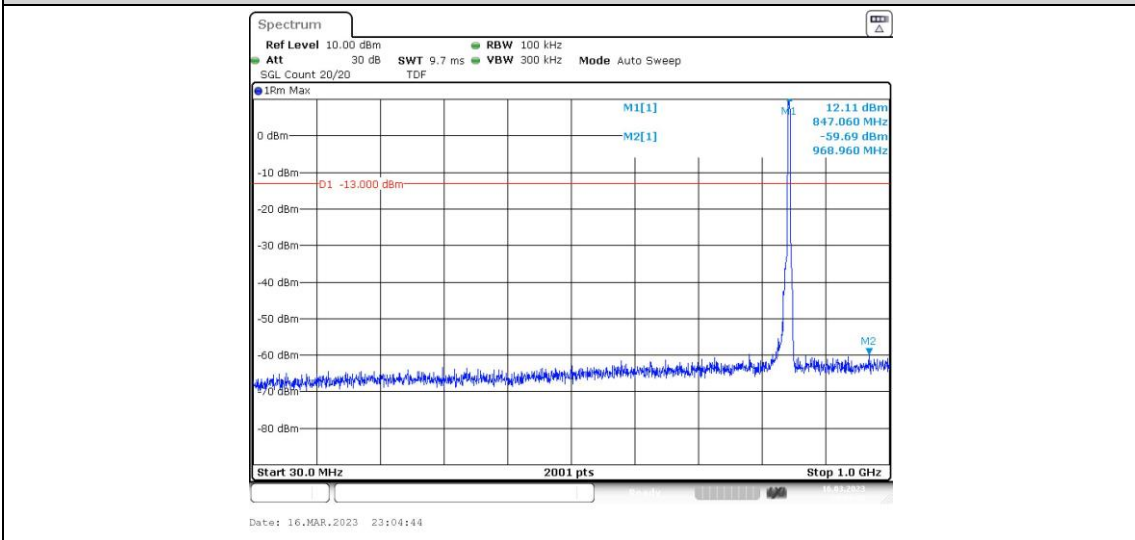
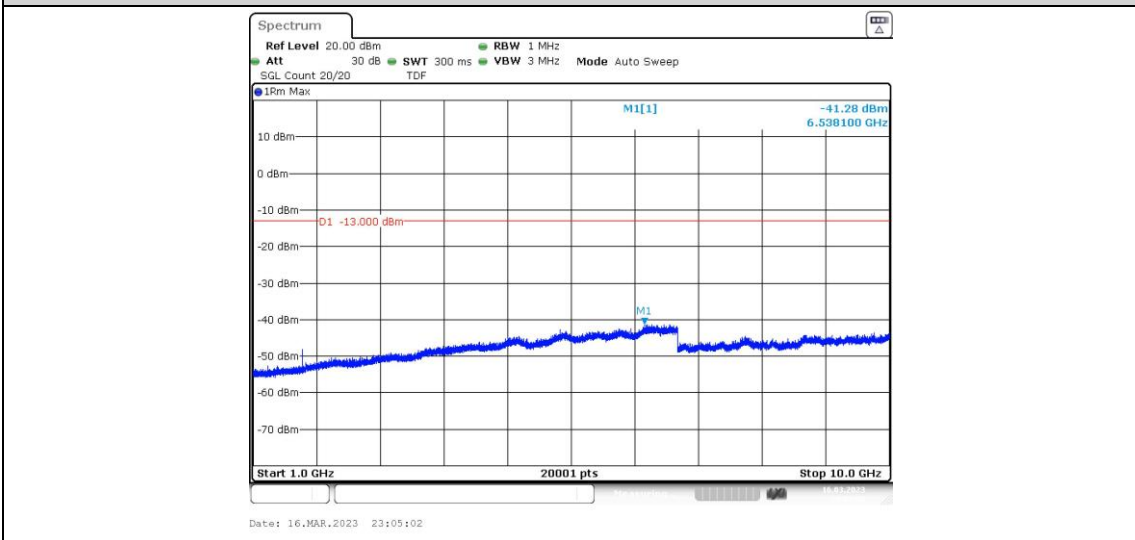


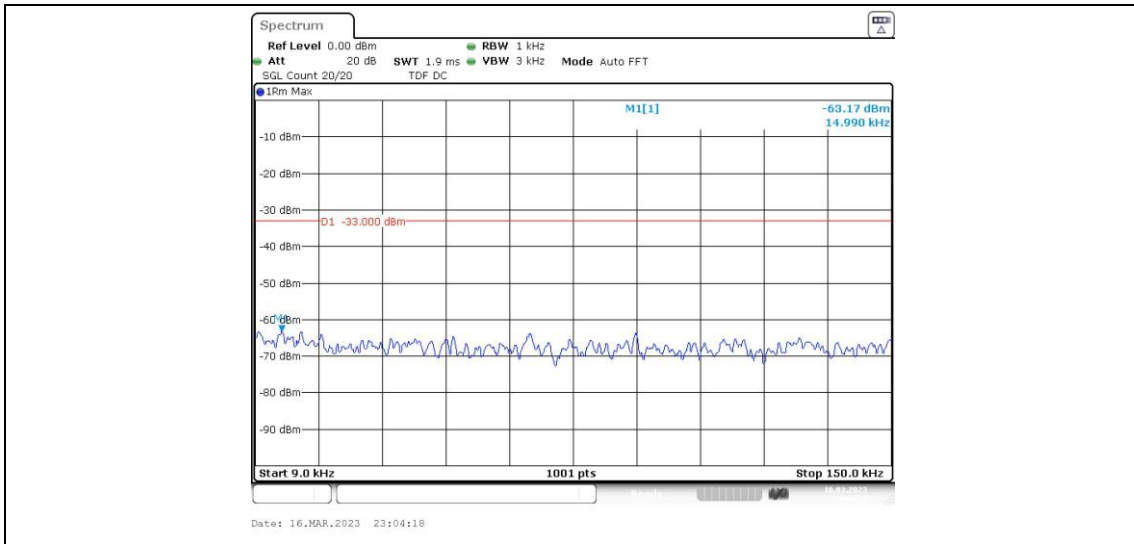
Band5-4233-3-30~1000MHz



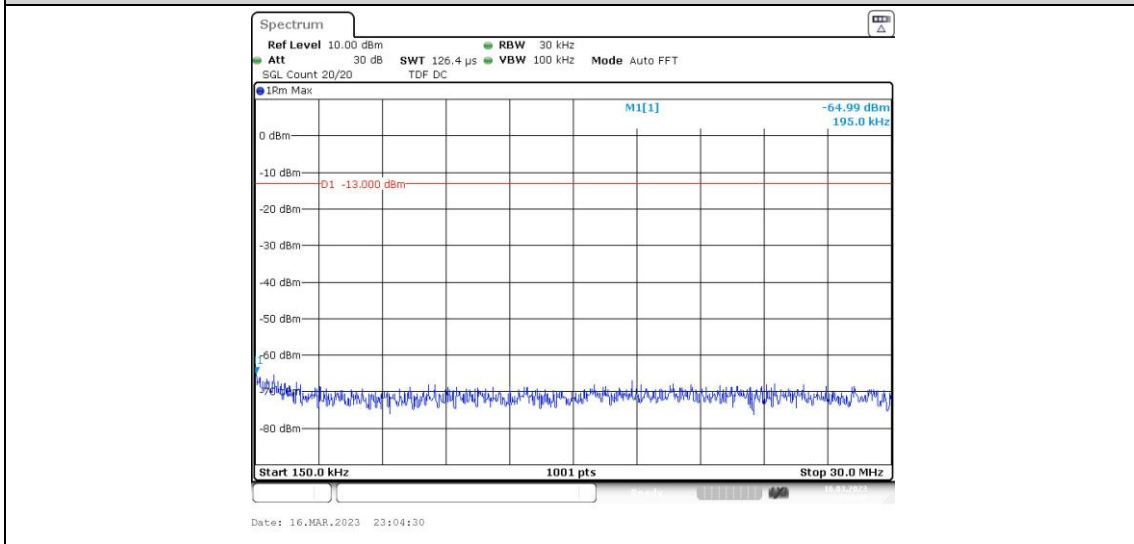
Band5-4233-3-1000~10000MHz



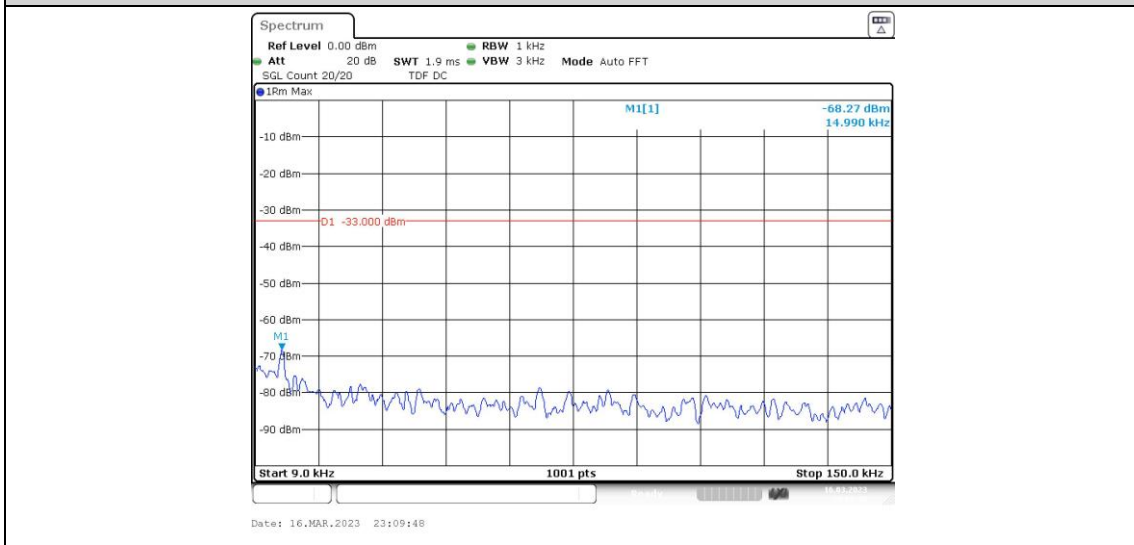
Band5-4233-3-0.009~0.15MHz



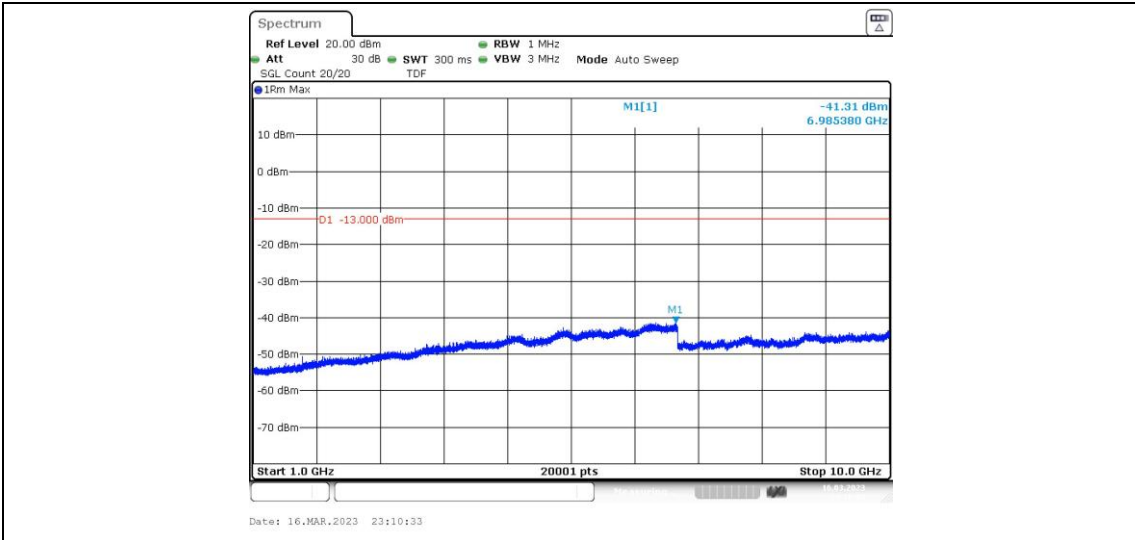
Band5-4233-3-0.15~30MHz



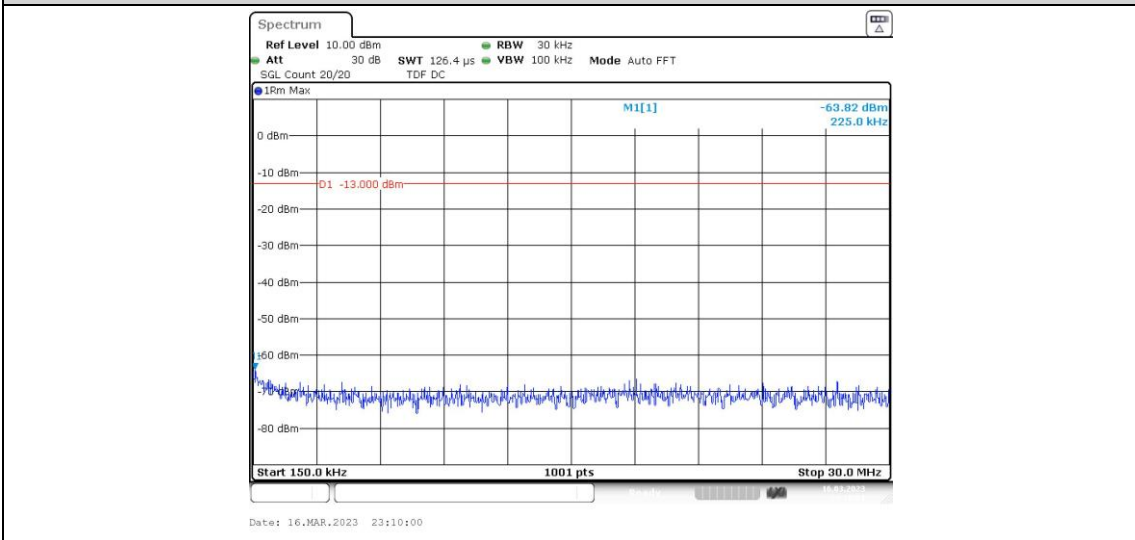
Band5-4233-4-0.009~0.15MHz



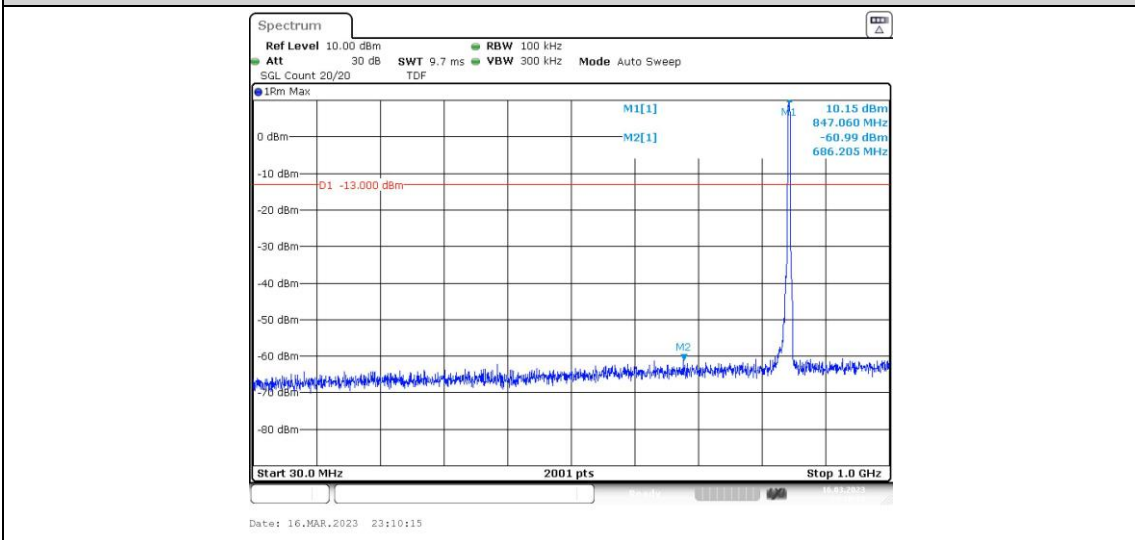
Band5-4233-4-1000~10000MHz



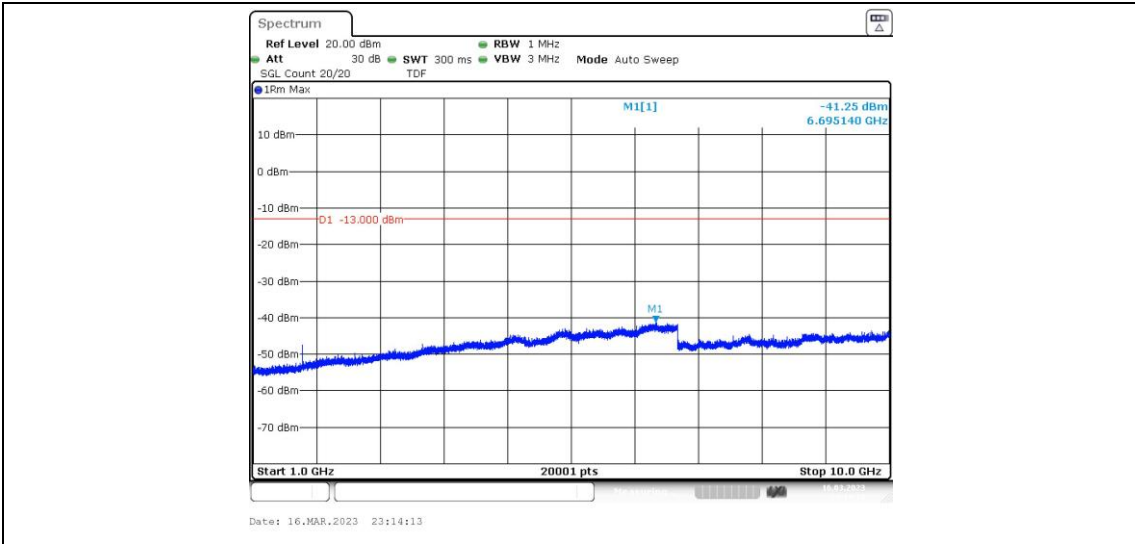
Band5-4233-4-0.15~30MHz



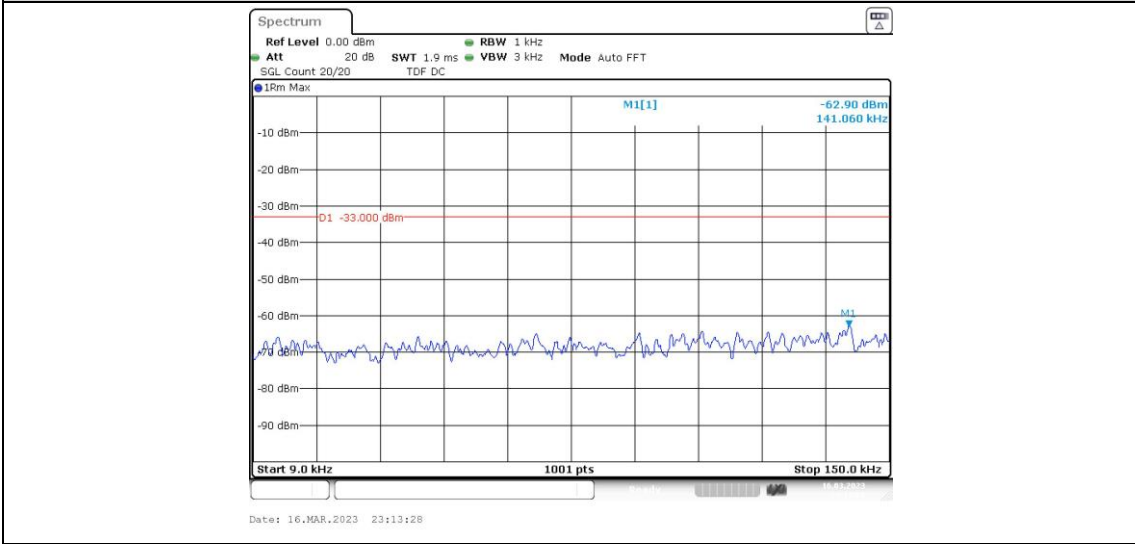
Band5-4233-4-30~1000MHz



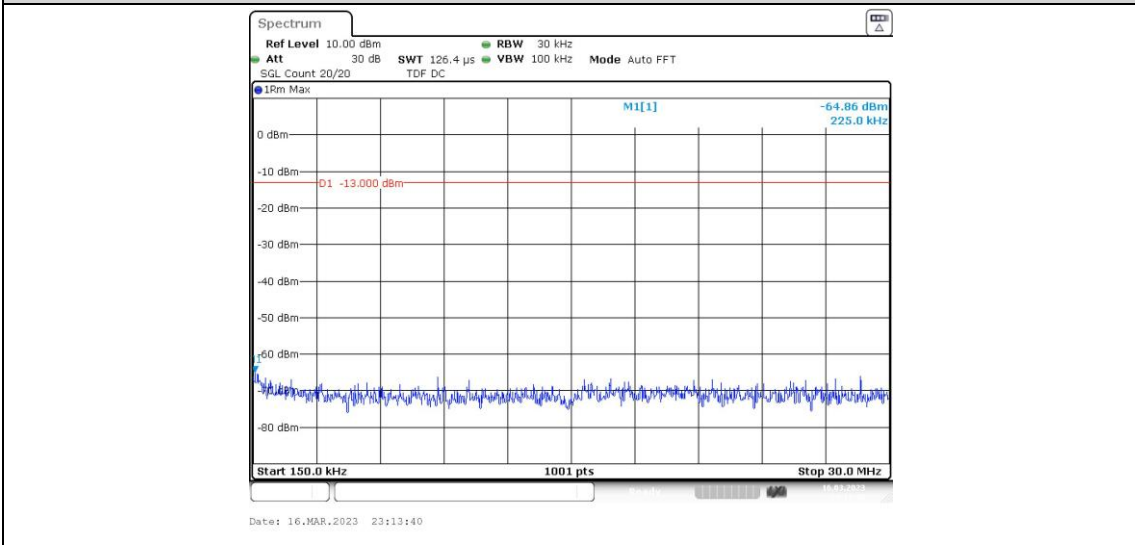
Band5-4233-5-1000~10000MHz



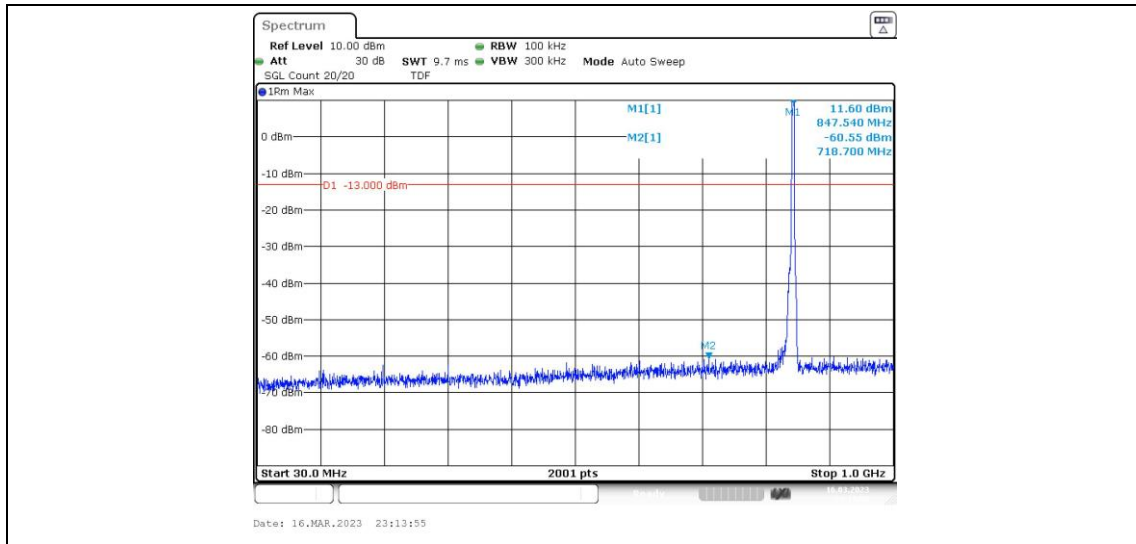
**Band5-4233-5-0.009~0.15MHz**



**Band5-4233-5-0.15~30MHz**



**Band5-4233-5-30~1000MHz**



## Appendix F: Frequency Stability

### Test Result

WCDMA

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	VL	NT	1.99	0.002408	±2.5	PASS
Band5	4132	VN	NT	2.05	0.002481	±2.5	PASS
Band5	4132	VH	NT	1.68	0.002033	±2.5	PASS
Band5	4182	VL	NT	-0.64	-0.000765	±2.5	PASS
Band5	4182	VN	NT	-0.36	-0.000430	±2.5	PASS
Band5	4182	VH	NT	-0.71	-0.000849	±2.5	PASS
Band5	4233	VL	NT	-3.73	-0.004406	±2.5	PASS
Band5	4233	VN	NT	-3.40	-0.004016	±2.5	PASS
Band5	4233	VH	NT	-3.64	-0.004300	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	NV	-30	1.90	0.002299	±2.5	PASS
Band5	4132	NV	-20	1.87	0.002263	±2.5	PASS
Band5	4132	NV	-10	1.84	0.002227	±2.5	PASS
Band5	4132	NV	0	1.77	0.002142	±2.5	PASS
Band5	4132	NV	10	1.75	0.002118	±2.5	PASS
Band5	4132	NV	20	1.88	0.002275	±2.5	PASS
Band5	4132	NV	30	1.82	0.002202	±2.5	PASS
Band5	4132	NV	40	1.79	0.002166	±2.5	PASS
Band5	4132	NV	50	1.75	0.002118	±2.5	PASS
Band5	4182	NV	-30	-0.68	-0.000813	±2.5	PASS
Band5	4182	NV	-20	-0.60	-0.000717	±2.5	PASS
Band5	4182	NV	-10	-0.71	-0.000849	±2.5	PASS
Band5	4182	NV	0	-0.49	-0.000586	±2.5	PASS
Band5	4182	NV	10	-0.52	-0.000622	±2.5	PASS
Band5	4182	NV	20	-0.57	-0.000681	±2.5	PASS
Band5	4182	NV	30	-0.33	-0.000395	±2.5	PASS
Band5	4182	NV	40	-0.51	-0.000610	±2.5	PASS
Band5	4182	NV	50	-0.45	-0.000538	±2.5	PASS
Band5	4233	NV	-30	-3.64	-0.004300	±2.5	PASS
Band5	4233	NV	-20	-3.49	-0.004122	±2.5	PASS
Band5	4233	NV	-10	-3.74	-0.004418	±2.5	PASS

Band5	4233	NV	0	-3.63	-0.004288	±2.5	PASS
Band5	4233	NV	10	-3.73	-0.004406	±2.5	PASS
Band5	4233	NV	20	-3.51	-0.004146	±2.5	PASS
Band5	4233	NV	30	-3.57	-0.004217	±2.5	PASS
Band5	4233	NV	40	-3.23	-0.003815	±2.5	PASS
Band5	4233	NV	50	-3.45	-0.004075	±2.5	PASS

## HSDPA

Voltage								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	1	VL	NT	-2.70	-0.003267	±2.5	PASS
Band5	4132	1	VN	NT	-2.62	-0.003170	±2.5	PASS
Band5	4132	1	VH	NT	-2.75	-0.003328	±2.5	PASS
Band5	4132	2	VL	NT	-2.49	-0.003013	±2.5	PASS
Band5	4132	2	VN	NT	-3.23	-0.003909	±2.5	PASS
Band5	4132	2	VH	NT	-2.46	-0.002977	±2.5	PASS
Band5	4132	3	VL	NT	-2.31	-0.002795	±2.5	PASS
Band5	4132	3	VN	NT	-2.20	-0.002662	±2.5	PASS
Band5	4132	3	VH	NT	-2.94	-0.003558	±2.5	PASS
Band5	4132	4	VL	NT	-2.93	-0.003545	±2.5	PASS
Band5	4132	4	VN	NT	-3.14	-0.003800	±2.5	PASS
Band5	4132	4	VH	NT	-2.55	-0.003086	±2.5	PASS
Band5	4182	1	VL	NT	-3.04	-0.003635	±2.5	PASS
Band5	4182	1	VN	NT	-3.30	-0.003945	±2.5	PASS
Band5	4182	1	VH	NT	-3.28	-0.003922	±2.5	PASS
Band5	4182	2	VL	NT	-3.20	-0.003826	±2.5	PASS
Band5	4182	2	VN	NT	-2.65	-0.003168	±2.5	PASS
Band5	4182	2	VH	NT	-2.98	-0.003563	±2.5	PASS
Band5	4182	3	VL	NT	-2.96	-0.003539	±2.5	PASS
Band5	4182	3	VN	NT	-2.76	-0.003300	±2.5	PASS
Band5	4182	3	VH	NT	-2.95	-0.003527	±2.5	PASS
Band5	4182	4	VL	NT	-2.50	-0.002989	±2.5	PASS
Band5	4182	4	VN	NT	-3.38	-0.004041	±2.5	PASS
Band5	4182	4	VH	NT	-2.74	-0.003276	±2.5	PASS
Band5	4233	1	VL	NT	-2.93	-0.003461	±2.5	PASS
Band5	4233	1	VN	NT	-3.50	-0.004134	±2.5	PASS
Band5	4233	1	VH	NT	-3.05	-0.003603	±2.5	PASS
Band5	4233	2	VL	NT	-2.80	-0.003307	±2.5	PASS
Band5	4233	2	VN	NT	-2.42	-0.002858	±2.5	PASS
Band5	4233	2	VH	NT	-2.52	-0.002977	±2.5	PASS

Band5	4233	3	VL	NT	-3.30	-0.003898	±2.5	PASS
Band5	4233	3	VN	NT	-2.94	-0.003473	±2.5	PASS
Band5	4233	3	VH	NT	-3.52	-0.004158	±2.5	PASS
Band5	4233	4	VL	NT	-3.15	-0.003721	±2.5	PASS
Band5	4233	4	VN	NT	-3.25	-0.003839	±2.5	PASS
Band5	4233	4	VH	NT	-2.88	-0.003402	±2.5	PASS

Temperature								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	1	NV	-30	-2.89	-0.003497	±2.5	PASS
Band5	4132	1	NV	-20	-2.75	-0.003328	±2.5	PASS
Band5	4132	1	NV	-10	-2.50	-0.003025	±2.5	PASS
Band5	4132	1	NV	0	-2.34	-0.002832	±2.5	PASS
Band5	4132	1	NV	10	-2.54	-0.003074	±2.5	PASS
Band5	4132	1	NV	20	-2.73	-0.003303	±2.5	PASS
Band5	4132	1	NV	30	-2.35	-0.002844	±2.5	PASS
Band5	4132	1	NV	40	-2.43	-0.002940	±2.5	PASS
Band5	4132	1	NV	50	-3.09	-0.003739	±2.5	PASS
Band5	4132	2	NV	-30	-1.82	-0.002202	±2.5	PASS
Band5	4132	2	NV	-20	-3.10	-0.003751	±2.5	PASS
Band5	4132	2	NV	-10	-3.55	-0.004296	±2.5	PASS
Band5	4132	2	NV	0	-4.19	-0.005070	±2.5	PASS
Band5	4132	2	NV	10	-2.79	-0.003376	±2.5	PASS
Band5	4132	2	NV	20	-2.78	-0.003364	±2.5	PASS
Band5	4132	2	NV	30	-2.45	-0.002965	±2.5	PASS
Band5	4132	2	NV	40	-2.83	-0.003424	±2.5	PASS
Band5	4132	2	NV	50	-2.50	-0.003025	±2.5	PASS
Band5	4132	3	NV	-30	-2.91	-0.003521	±2.5	PASS
Band5	4132	3	NV	-20	-3.18	-0.003848	±2.5	PASS
Band5	4132	3	NV	-10	-3.50	-0.004235	±2.5	PASS
Band5	4132	3	NV	0	-2.94	-0.003558	±2.5	PASS
Band5	4132	3	NV	10	-2.68	-0.003243	±2.5	PASS
Band5	4132	3	NV	20	-2.78	-0.003364	±2.5	PASS
Band5	4132	3	NV	30	-2.51	-0.003037	±2.5	PASS
Band5	4132	3	NV	40	-3.65	-0.004417	±2.5	PASS
Band5	4132	3	NV	50	-2.72	-0.003291	±2.5	PASS
Band5	4132	4	NV	-30	-3.13	-0.003788	±2.5	PASS
Band5	4132	4	NV	-20	-2.86	-0.003461	±2.5	PASS
Band5	4132	4	NV	-10	-2.23	-0.002698	±2.5	PASS



Band5	4132	4	NV	0	-3.00	-0.003630	±2.5	PASS
Band5	4132	4	NV	10	-7.94	-0.009608	±2.5	PASS
Band5	4132	4	NV	20	-2.43	-0.002940	±2.5	PASS
Band5	4132	4	NV	30	-2.71	-0.003279	±2.5	PASS
Band5	4132	4	NV	40	-3.07	-0.003715	±2.5	PASS
Band5	4132	4	NV	50	-3.62	-0.004380	±2.5	PASS
Band5	4182	1	NV	-30	-2.93	-0.003503	±2.5	PASS
Band5	4182	1	NV	-20	-2.56	-0.003061	±2.5	PASS
Band5	4182	1	NV	-10	-3.28	-0.003922	±2.5	PASS
Band5	4182	1	NV	0	-2.82	-0.003372	±2.5	PASS
Band5	4182	1	NV	10	-3.15	-0.003766	±2.5	PASS
Band5	4182	1	NV	20	-2.82	-0.003372	±2.5	PASS
Band5	4182	1	NV	30	-2.75	-0.003288	±2.5	PASS
Band5	4182	1	NV	40	-3.42	-0.004089	±2.5	PASS
Band5	4182	1	NV	50	-3.30	-0.003945	±2.5	PASS
Band5	4182	2	NV	-30	-2.47	-0.002953	±2.5	PASS
Band5	4182	2	NV	-20	-2.85	-0.003407	±2.5	PASS
Band5	4182	2	NV	-10	-3.08	-0.003682	±2.5	PASS
Band5	4182	2	NV	0	-3.20	-0.003826	±2.5	PASS
Band5	4182	2	NV	10	-3.30	-0.003945	±2.5	PASS
Band5	4182	2	NV	20	-3.53	-0.004220	±2.5	PASS
Band5	4182	2	NV	30	-2.32	-0.002774	±2.5	PASS
Band5	4182	2	NV	40	-2.80	-0.003348	±2.5	PASS
Band5	4182	2	NV	50	-2.33	-0.002786	±2.5	PASS
Band5	4182	3	NV	-30	-3.17	-0.003790	±2.5	PASS
Band5	4182	3	NV	-20	-2.85	-0.003407	±2.5	PASS
Band5	4182	3	NV	-10	-2.15	-0.002571	±2.5	PASS
Band5	4182	3	NV	0	-3.03	-0.003623	±2.5	PASS
Band5	4182	3	NV	10	-2.69	-0.003216	±2.5	PASS
Band5	4182	3	NV	20	-3.08	-0.003682	±2.5	PASS
Band5	4182	3	NV	30	-2.62	-0.003132	±2.5	PASS
Band5	4182	3	NV	40	-2.46	-0.002941	±2.5	PASS
Band5	4182	3	NV	50	-2.78	-0.003324	±2.5	PASS
Band5	4182	4	NV	-30	-2.47	-0.002953	±2.5	PASS
Band5	4182	4	NV	-20	-3.41	-0.004077	±2.5	PASS
Band5	4182	4	NV	-10	-2.82	-0.003372	±2.5	PASS
Band5	4182	4	NV	0	-3.31	-0.003957	±2.5	PASS
Band5	4182	4	NV	10	-2.51	-0.003001	±2.5	PASS
Band5	4182	4	NV	20	-2.87	-0.003431	±2.5	PASS
Band5	4182	4	NV	30	-2.74	-0.003276	±2.5	PASS

Band5	4182	4	NV	40	-2.59	-0.003097	±2.5	PASS
Band5	4182	4	NV	50	-3.03	-0.003623	±2.5	PASS
Band5	4233	1	NV	-30	-3.24	-0.003827	±2.5	PASS
Band5	4233	1	NV	-20	-2.43	-0.002870	±2.5	PASS
Band5	4233	1	NV	-10	-3.03	-0.003579	±2.5	PASS
Band5	4233	1	NV	0	-2.68	-0.003166	±2.5	PASS
Band5	4233	1	NV	10	-2.40	-0.002835	±2.5	PASS
Band5	4233	1	NV	20	-2.83	-0.003343	±2.5	PASS
Band5	4233	1	NV	30	-2.78	-0.003284	±2.5	PASS
Band5	4233	1	NV	40	-2.60	-0.003071	±2.5	PASS
Band5	4233	1	NV	50	-3.04	-0.003591	±2.5	PASS
Band5	4233	2	NV	-30	-3.27	-0.003863	±2.5	PASS
Band5	4233	2	NV	-20	-2.42	-0.002858	±2.5	PASS
Band5	4233	2	NV	-10	-3.46	-0.004087	±2.5	PASS
Band5	4233	2	NV	0	-3.03	-0.003579	±2.5	PASS
Band5	4233	2	NV	10	-2.47	-0.002918	±2.5	PASS
Band5	4233	2	NV	20	-3.03	-0.003579	±2.5	PASS
Band5	4233	2	NV	30	-3.30	-0.003898	±2.5	PASS
Band5	4233	2	NV	40	-2.91	-0.003437	±2.5	PASS
Band5	4233	2	NV	50	-2.82	-0.003331	±2.5	PASS
Band5	4233	3	NV	-30	-3.13	-0.003697	±2.5	PASS
Band5	4233	3	NV	-20	-2.75	-0.003248	±2.5	PASS
Band5	4233	3	NV	-10	-2.93	-0.003461	±2.5	PASS
Band5	4233	3	NV	0	-3.06	-0.003614	±2.5	PASS
Band5	4233	3	NV	10	-3.32	-0.003922	±2.5	PASS
Band5	4233	3	NV	20	-2.42	-0.002858	±2.5	PASS
Band5	4233	3	NV	30	-2.52	-0.002977	±2.5	PASS
Band5	4233	3	NV	40	-2.51	-0.002965	±2.5	PASS
Band5	4233	3	NV	50	-2.75	-0.003248	±2.5	PASS
Band5	4233	4	NV	-30	-3.02	-0.003567	±2.5	PASS
Band5	4233	4	NV	-20	-3.23	-0.003815	±2.5	PASS
Band5	4233	4	NV	-10	-2.73	-0.003225	±2.5	PASS
Band5	4233	4	NV	0	-2.56	-0.003024	±2.5	PASS
Band5	4233	4	NV	10	-2.97	-0.003508	±2.5	PASS
Band5	4233	4	NV	20	-2.93	-0.003461	±2.5	PASS
Band5	4233	4	NV	30	-2.73	-0.003225	±2.5	PASS
Band5	4233	4	NV	40	-2.80	-0.003307	±2.5	PASS
Band5	4233	4	NV	50	-3.28	-0.003874	±2.5	PASS

## HSUPA

Voltage								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	1	VL	NT	1.67	0.002021	±2.5	PASS
Band5	4132	1	VN	NT	1.29	0.001561	±2.5	PASS
Band5	4132	1	VH	NT	1.60	0.001936	±2.5	PASS
Band5	4132	2	VL	NT	1.72	0.002081	±2.5	PASS
Band5	4132	2	VN	NT	1.49	0.001803	±2.5	PASS
Band5	4132	2	VH	NT	1.77	0.002142	±2.5	PASS
Band5	4132	3	VL	NT	1.78	0.002154	±2.5	PASS
Band5	4132	3	VN	NT	1.50	0.001815	±2.5	PASS
Band5	4132	3	VH	NT	1.83	0.002214	±2.5	PASS
Band5	4132	4	VL	NT	1.67	0.002021	±2.5	PASS
Band5	4132	4	VN	NT	1.52	0.001839	±2.5	PASS
Band5	4132	4	VH	NT	1.73	0.002093	±2.5	PASS
Band5	4132	5	VL	NT	1.81	0.002190	±2.5	PASS
Band5	4132	5	VN	NT	1.72	0.002081	±2.5	PASS
Band5	4132	5	VH	NT	1.82	0.002202	±2.5	PASS
Band5	4182	1	VL	NT	1.92	0.002296	±2.5	PASS
Band5	4182	1	VN	NT	1.71	0.002044	±2.5	PASS
Band5	4182	1	VH	NT	1.90	0.002272	±2.5	PASS
Band5	4182	2	VL	NT	1.90	0.002272	±2.5	PASS
Band5	4182	2	VN	NT	1.77	0.002116	±2.5	PASS
Band5	4182	2	VH	NT	1.88	0.002248	±2.5	PASS
Band5	4182	3	VL	NT	1.80	0.002152	±2.5	PASS
Band5	4182	3	VN	NT	1.80	0.002152	±2.5	PASS
Band5	4182	3	VH	NT	1.87	0.002236	±2.5	PASS
Band5	4182	4	VL	NT	1.79	0.002140	±2.5	PASS
Band5	4182	4	VN	NT	1.85	0.002212	±2.5	PASS
Band5	4182	4	VH	NT	1.84	0.002200	±2.5	PASS
Band5	4182	5	VL	NT	1.93	0.002308	±2.5	PASS
Band5	4182	5	VN	NT	1.71	0.002044	±2.5	PASS
Band5	4182	5	VH	NT	1.77	0.002116	±2.5	PASS
Band5	4233	1	VL	NT	1.84	0.002173	±2.5	PASS
Band5	4233	1	VN	NT	1.86	0.002197	±2.5	PASS
Band5	4233	1	VH	NT	1.83	0.002162	±2.5	PASS
Band5	4233	2	VL	NT	1.89	0.002232	±2.5	PASS
Band5	4233	2	VN	NT	1.86	0.002197	±2.5	PASS
Band5	4233	2	VH	NT	1.90	0.002244	±2.5	PASS
Band5	4233	3	VL	NT	1.81	0.002138	±2.5	PASS

Band5	4233	3	VN	NT	1.88	0.002221	±2.5	PASS
Band5	4233	3	VH	NT	1.85	0.002185	±2.5	PASS
Band5	4233	4	VL	NT	1.93	0.002280	±2.5	PASS
Band5	4233	4	VN	NT	1.74	0.002055	±2.5	PASS
Band5	4233	4	VH	NT	1.86	0.002197	±2.5	PASS
Band5	4233	5	VL	NT	1.96	0.002315	±2.5	PASS
Band5	4233	5	VN	NT	1.77	0.002091	±2.5	PASS
Band5	4233	5	VH	NT	1.90	0.002244	±2.5	PASS

Temperature								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	1	NV	-30	1.82	0.002202	±2.5	PASS
Band5	4132	1	NV	-20	1.89	0.002287	±2.5	PASS
Band5	4132	1	NV	-10	1.95	0.002360	±2.5	PASS
Band5	4132	1	NV	0	1.80	0.002178	±2.5	PASS
Band5	4132	1	NV	10	1.82	0.002202	±2.5	PASS
Band5	4132	1	NV	20	1.73	0.002093	±2.5	PASS
Band5	4132	1	NV	30	1.90	0.002299	±2.5	PASS
Band5	4132	1	NV	40	1.82	0.002202	±2.5	PASS
Band5	4132	1	NV	50	1.92	0.002323	±2.5	PASS
Band5	4132	2	NV	-30	1.87	0.002263	±2.5	PASS
Band5	4132	2	NV	-20	1.81	0.002190	±2.5	PASS
Band5	4132	2	NV	-10	1.72	0.002081	±2.5	PASS
Band5	4132	2	NV	0	1.85	0.002239	±2.5	PASS
Band5	4132	2	NV	10	1.85	0.002239	±2.5	PASS
Band5	4132	2	NV	20	1.92	0.002323	±2.5	PASS
Band5	4132	2	NV	30	1.81	0.002190	±2.5	PASS
Band5	4132	2	NV	40	1.86	0.002251	±2.5	PASS
Band5	4132	2	NV	50	1.77	0.002142	±2.5	PASS
Band5	4132	3	NV	-30	1.86	0.002251	±2.5	PASS
Band5	4132	3	NV	-20	1.75	0.002118	±2.5	PASS
Band5	4132	3	NV	-10	1.94	0.002348	±2.5	PASS
Band5	4132	3	NV	0	1.93	0.002335	±2.5	PASS
Band5	4132	3	NV	10	1.98	0.002396	±2.5	PASS
Band5	4132	3	NV	20	1.79	0.002166	±2.5	PASS
Band5	4132	3	NV	30	1.97	0.002384	±2.5	PASS
Band5	4132	3	NV	40	1.73	0.002093	±2.5	PASS
Band5	4132	3	NV	50	1.82	0.002202	±2.5	PASS
Band5	4132	4	NV	-30	1.79	0.002166	±2.5	PASS
Band5	4132	4	NV	-20	1.78	0.002154	±2.5	PASS

Band5	4132	4	NV	-10	1.84	0.002227	±2.5	PASS
Band5	4132	4	NV	0	1.77	0.002142	±2.5	PASS
Band5	4132	4	NV	10	1.80	0.002178	±2.5	PASS
Band5	4132	4	NV	20	1.94	0.002348	±2.5	PASS
Band5	4132	4	NV	30	1.82	0.002202	±2.5	PASS
Band5	4132	4	NV	40	1.88	0.002275	±2.5	PASS
Band5	4132	4	NV	50	1.73	0.002093	±2.5	PASS
Band5	4132	5	NV	-30	1.87	0.002263	±2.5	PASS
Band5	4132	5	NV	-20	1.84	0.002227	±2.5	PASS
Band5	4132	5	NV	-10	1.96	0.002372	±2.5	PASS
Band5	4132	5	NV	0	1.83	0.002214	±2.5	PASS
Band5	4132	5	NV	10	1.86	0.002251	±2.5	PASS
Band5	4132	5	NV	20	1.90	0.002299	±2.5	PASS
Band5	4132	5	NV	30	1.91	0.002311	±2.5	PASS
Band5	4132	5	NV	40	1.92	0.002323	±2.5	PASS
Band5	4132	5	NV	50	1.99	0.002408	±2.5	PASS
Band5	4182	1	NV	-30	1.81	0.002164	±2.5	PASS
Band5	4182	1	NV	-20	1.82	0.002176	±2.5	PASS
Band5	4182	1	NV	-10	1.78	0.002128	±2.5	PASS
Band5	4182	1	NV	0	1.84	0.002200	±2.5	PASS
Band5	4182	1	NV	10	1.86	0.002224	±2.5	PASS
Band5	4182	1	NV	20	1.86	0.002224	±2.5	PASS
Band5	4182	1	NV	30	1.90	0.002272	±2.5	PASS
Band5	4182	1	NV	40	1.86	0.002224	±2.5	PASS
Band5	4182	1	NV	50	2.03	0.002427	±2.5	PASS
Band5	4182	2	NV	-30	2.03	0.002427	±2.5	PASS
Band5	4182	2	NV	-20	1.77	0.002116	±2.5	PASS
Band5	4182	2	NV	-10	1.87	0.002236	±2.5	PASS
Band5	4182	2	NV	0	1.80	0.002152	±2.5	PASS
Band5	4182	2	NV	10	1.77	0.002116	±2.5	PASS
Band5	4182	2	NV	20	1.90	0.002272	±2.5	PASS
Band5	4182	2	NV	30	1.89	0.002260	±2.5	PASS
Band5	4182	2	NV	40	1.85	0.002212	±2.5	PASS
Band5	4182	2	NV	50	1.79	0.002140	±2.5	PASS
Band5	4182	3	NV	-30	1.88	0.002248	±2.5	PASS
Band5	4182	3	NV	-20	1.71	0.002044	±2.5	PASS
Band5	4182	3	NV	-10	1.87	0.002236	±2.5	PASS
Band5	4182	3	NV	0	2.05	0.002451	±2.5	PASS
Band5	4182	3	NV	10	1.86	0.002224	±2.5	PASS
Band5	4182	3	NV	20	1.83	0.002188	±2.5	PASS

Band5	4182	3	NV	30	1.92	0.002296	±2.5	PASS
Band5	4182	3	NV	40	1.72	0.002056	±2.5	PASS
Band5	4182	3	NV	50	1.80	0.002152	±2.5	PASS
Band5	4182	4	NV	-30	1.84	0.002200	±2.5	PASS
Band5	4182	4	NV	-20	1.96	0.002343	±2.5	PASS
Band5	4182	4	NV	-10	1.91	0.002284	±2.5	PASS
Band5	4182	4	NV	0	1.91	0.002284	±2.5	PASS
Band5	4182	4	NV	10	1.82	0.002176	±2.5	PASS
Band5	4182	4	NV	20	1.77	0.002116	±2.5	PASS
Band5	4182	4	NV	30	1.80	0.002152	±2.5	PASS
Band5	4182	4	NV	40	1.80	0.002152	±2.5	PASS
Band5	4182	4	NV	50	1.77	0.002116	±2.5	PASS
Band5	4182	5	NV	-30	1.81	0.002164	±2.5	PASS
Band5	4182	5	NV	-20	1.90	0.002272	±2.5	PASS
Band5	4182	5	NV	-10	1.97	0.002355	±2.5	PASS
Band5	4182	5	NV	0	1.85	0.002212	±2.5	PASS
Band5	4182	5	NV	10	1.74	0.002080	±2.5	PASS
Band5	4182	5	NV	20	1.85	0.002212	±2.5	PASS
Band5	4182	5	NV	30	1.86	0.002224	±2.5	PASS
Band5	4182	5	NV	40	1.95	0.002331	±2.5	PASS
Band5	4182	5	NV	50	1.77	0.002116	±2.5	PASS
Band5	4233	1	NV	-30	1.97	0.002327	±2.5	PASS
Band5	4233	1	NV	-20	1.78	0.002103	±2.5	PASS
Band5	4233	1	NV	-10	1.90	0.002244	±2.5	PASS
Band5	4233	1	NV	0	1.81	0.002138	±2.5	PASS
Band5	4233	1	NV	10	1.80	0.002126	±2.5	PASS
Band5	4233	1	NV	20	1.80	0.002126	±2.5	PASS
Band5	4233	1	NV	30	1.86	0.002197	±2.5	PASS
Band5	4233	1	NV	40	1.77	0.002091	±2.5	PASS
Band5	4233	1	NV	50	1.90	0.002244	±2.5	PASS
Band5	4233	2	NV	-30	1.88	0.002221	±2.5	PASS
Band5	4233	2	NV	-20	1.87	0.002209	±2.5	PASS
Band5	4233	2	NV	-10	1.89	0.002232	±2.5	PASS
Band5	4233	2	NV	0	1.90	0.002244	±2.5	PASS
Band5	4233	2	NV	10	1.83	0.002162	±2.5	PASS
Band5	4233	2	NV	20	1.90	0.002244	±2.5	PASS
Band5	4233	2	NV	30	1.97	0.002327	±2.5	PASS
Band5	4233	2	NV	40	1.99	0.002351	±2.5	PASS
Band5	4233	2	NV	50	1.85	0.002185	±2.5	PASS
Band5	4233	3	NV	-30	1.86	0.002197	±2.5	PASS

Band5	4233	3	NV	-20	1.74	0.002055	±2.5	PASS
Band5	4233	3	NV	-10	1.82	0.002150	±2.5	PASS
Band5	4233	3	NV	0	1.87	0.002209	±2.5	PASS
Band5	4233	3	NV	10	1.83	0.002162	±2.5	PASS
Band5	4233	3	NV	20	1.88	0.002221	±2.5	PASS
Band5	4233	3	NV	30	1.97	0.002327	±2.5	PASS
Band5	4233	3	NV	40	1.85	0.002185	±2.5	PASS
Band5	4233	3	NV	50	1.75	0.002067	±2.5	PASS
Band5	4233	4	NV	-30	2.00	0.002362	±2.5	PASS
Band5	4233	4	NV	-20	1.82	0.002150	±2.5	PASS
Band5	4233	4	NV	-10	1.78	0.002103	±2.5	PASS
Band5	4233	4	NV	0	1.88	0.002221	±2.5	PASS
Band5	4233	4	NV	10	1.82	0.002150	±2.5	PASS
Band5	4233	4	NV	20	1.90	0.002244	±2.5	PASS
Band5	4233	4	NV	30	2.09	0.002469	±2.5	PASS
Band5	4233	4	NV	40	1.87	0.002209	±2.5	PASS
Band5	4233	4	NV	50	1.88	0.002221	±2.5	PASS
Band5	4233	5	NV	-30	1.86	0.002197	±2.5	PASS
Band5	4233	5	NV	-20	1.81	0.002138	±2.5	PASS
Band5	4233	5	NV	-10	1.93	0.002280	±2.5	PASS
Band5	4233	5	NV	0	1.87	0.002209	±2.5	PASS
Band5	4233	5	NV	10	1.91	0.002256	±2.5	PASS
Band5	4233	5	NV	20	1.80	0.002126	±2.5	PASS
Band5	4233	5	NV	30	1.85	0.002185	±2.5	PASS
Band5	4233	5	NV	40	1.98	0.002339	±2.5	PASS
Band5	4233	5	NV	50	1.74	0.002055	±2.5	PASS