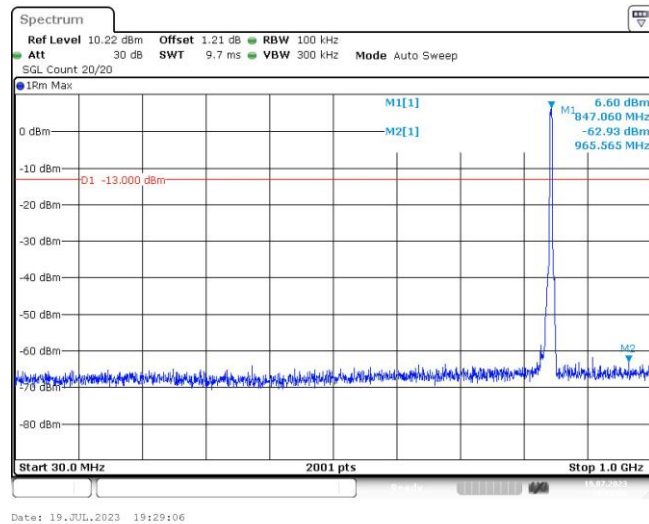
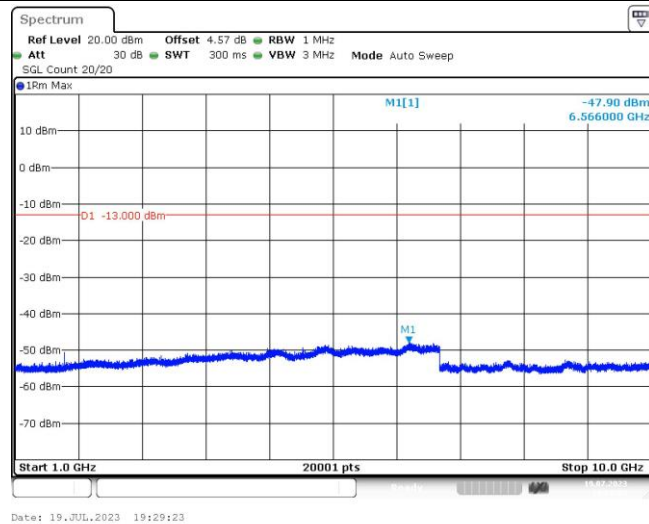
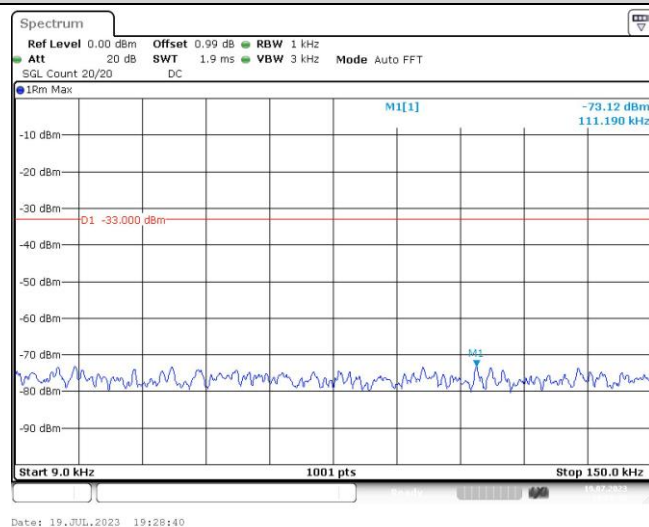




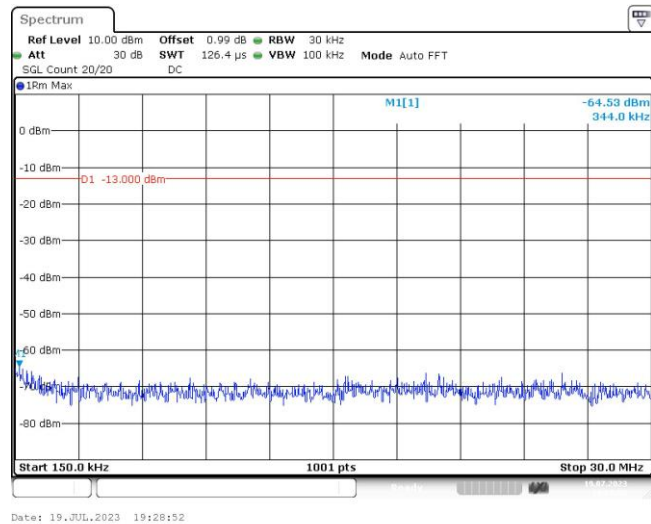
Band5-4233-3-1000~10000MHz



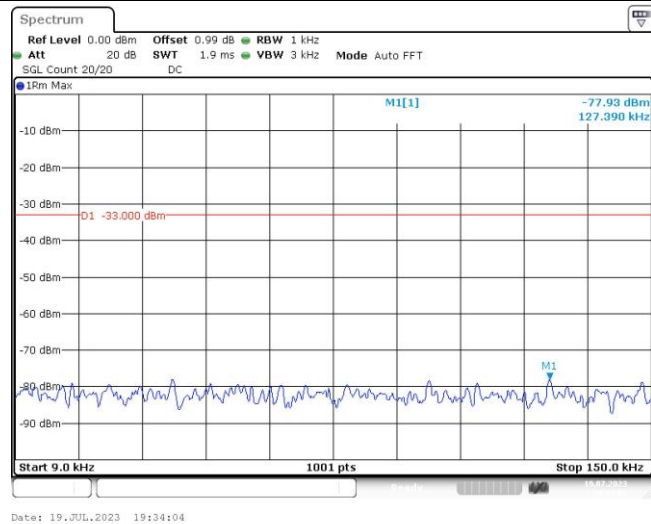
Band5-4233-3-0.009~0.15MHz



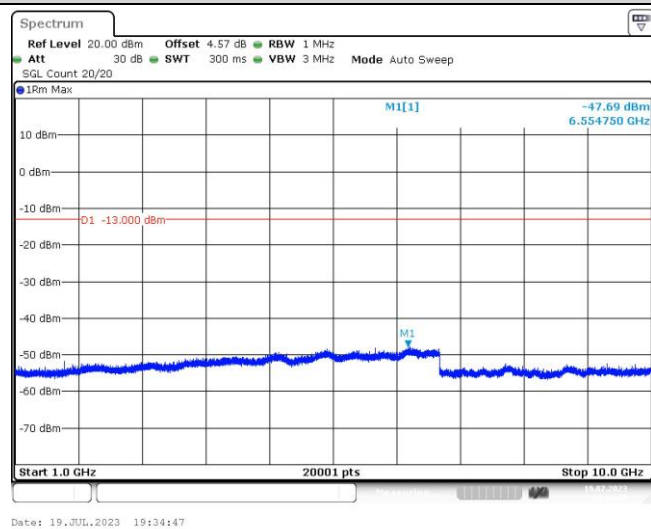
Band5-4233-3-0.15~30MHz



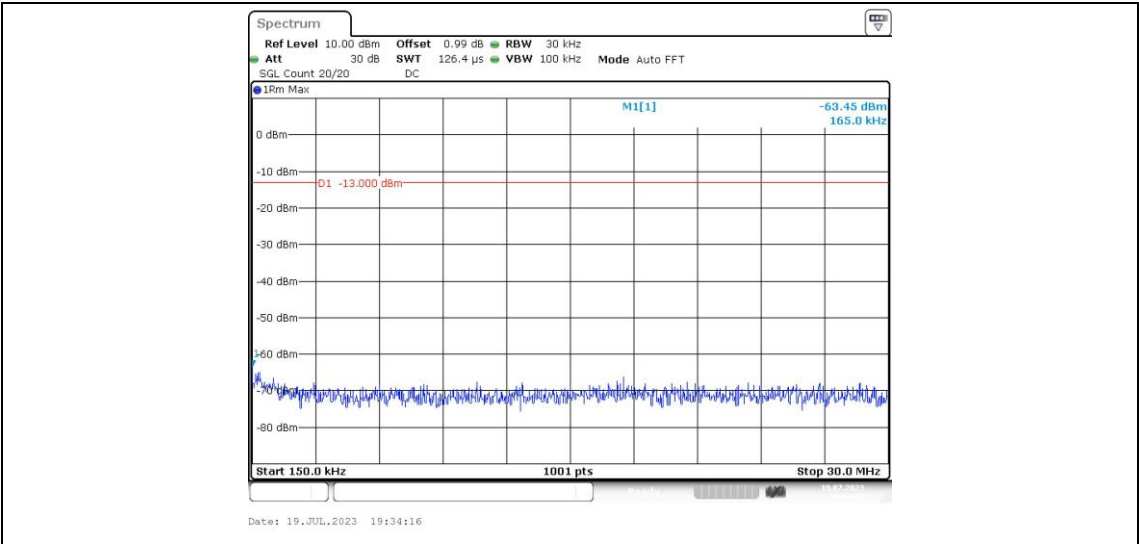
Band5-4233-4-0.009~0.15MHz



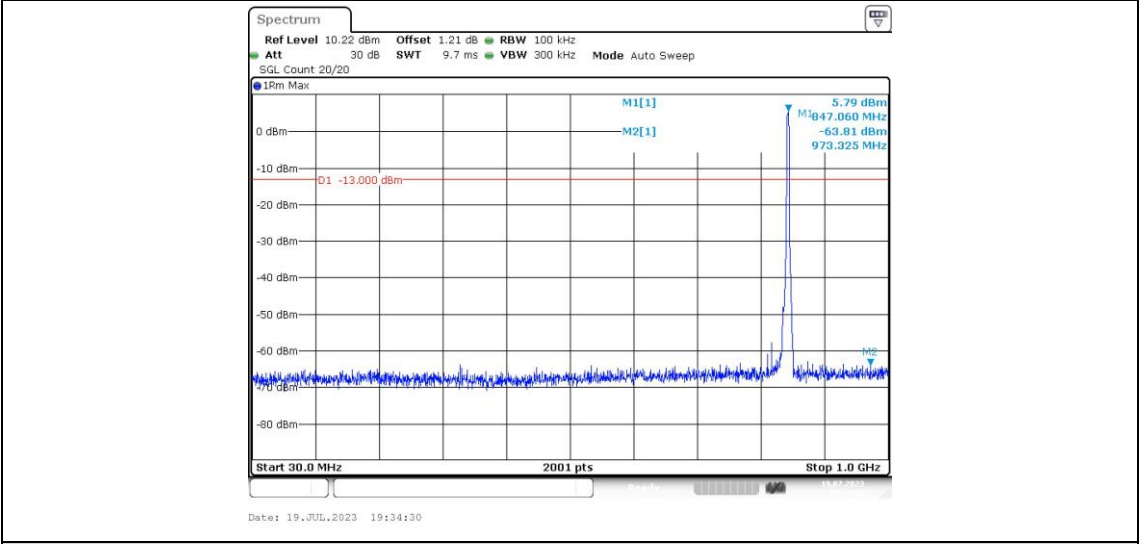
Band5-4233-4-1000~10000MHz



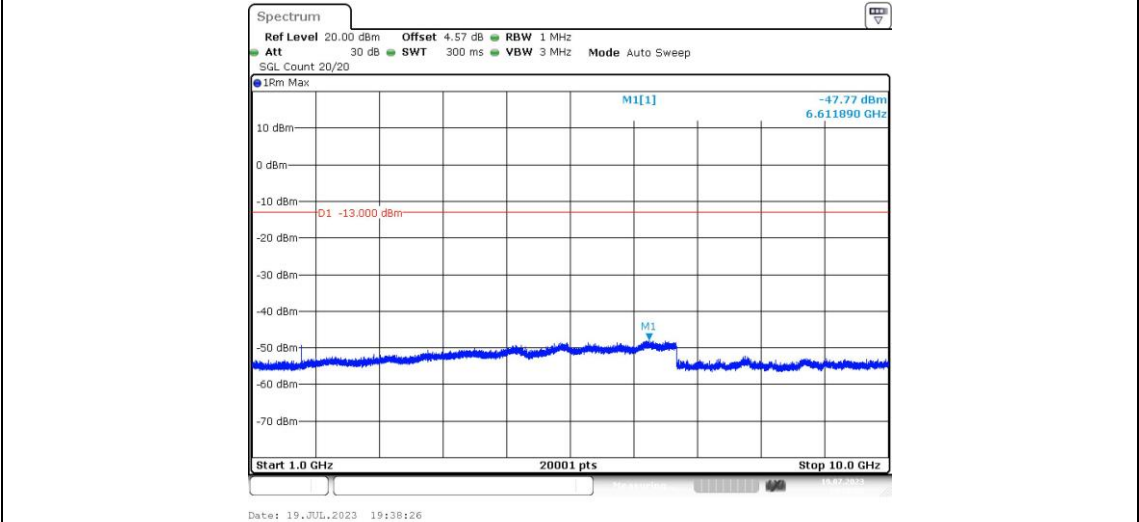
Band5-4233-4-0.15~30MHz



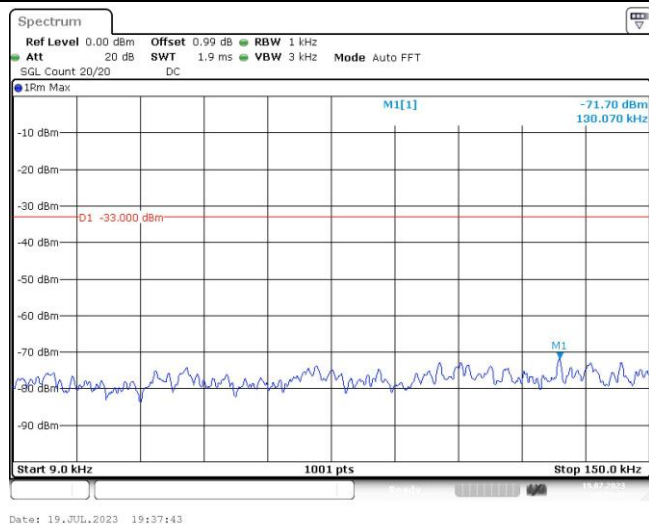
Band5-4233-4-30~1000MHz



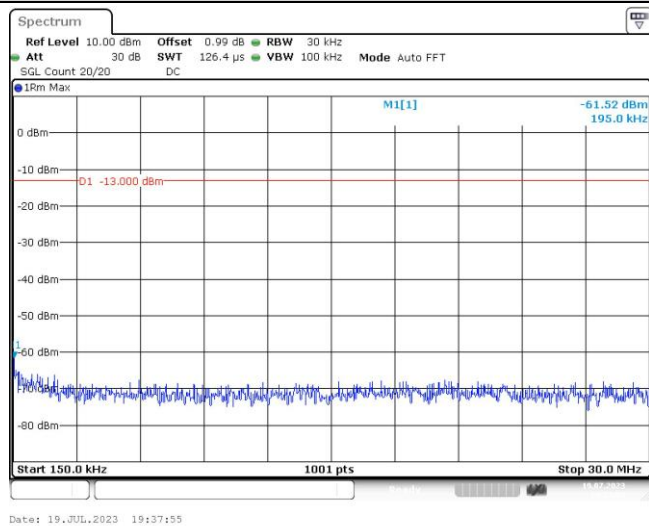
Band5-4233-5-1000~10000MHz



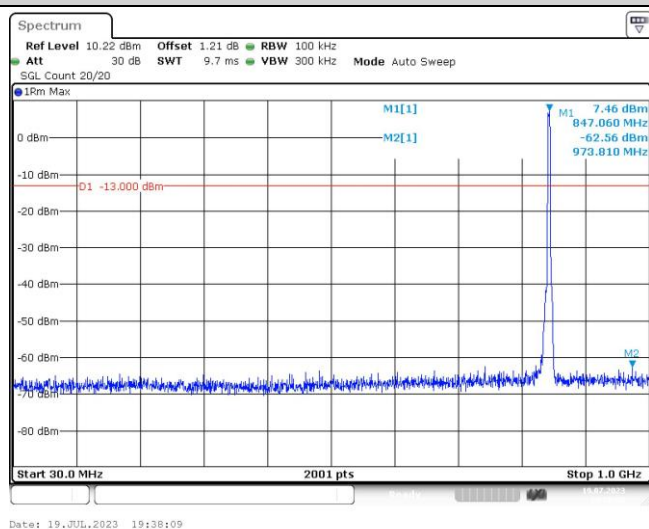
Band5-4233-5-0.009~0.15MHz



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	0.63	0.000762	±2.5	PASS
Band5	4132	VN	NT	0.92	0.001113	±2.5	PASS
Band5	4132	VH	NT	0.36	0.000436	±2.5	PASS
Band5	4183	VL	NT	-0.41	-0.000490	±2.5	PASS
Band5	4183	VN	NT	-0.89	-0.001064	±2.5	PASS
Band5	4183	VH	NT	-0.43	-0.000514	±2.5	PASS
Band5	4233	VL	NT	-2.19	-0.002587	±2.5	PASS
Band5	4233	VN	NT	-2.17	-0.002563	±2.5	PASS
Band5	4233	VH	NT	-2.31	-0.002729	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	NV	-30	0.84	0.001016	±2.5	PASS
Band5	4132	NV	-20	0.76	0.000920	±2.5	PASS
Band5	4132	NV	-10	1.01	0.001222	±2.5	PASS
Band5	4132	NV	0	0.88	0.001065	±2.5	PASS
Band5	4132	NV	10	0.74	0.000895	±2.5	PASS
Band5	4132	NV	20	0.94	0.001137	±2.5	PASS
Band5	4132	NV	30	1.01	0.001222	±2.5	PASS
Band5	4132	NV	40	0.67	0.000811	±2.5	PASS
Band5	4132	NV	50	0.87	0.001053	±2.5	PASS
Band5	4183	NV	-30	-0.56	-0.000669	±2.5	PASS
Band5	4183	NV	-20	-0.55	-0.000657	±2.5	PASS
Band5	4183	NV	-10	-0.19	-0.000227	±2.5	PASS
Band5	4183	NV	0	-0.70	-0.000837	±2.5	PASS
Band5	4183	NV	10	-0.49	-0.000586	±2.5	PASS
Band5	4183	NV	20	-0.39	-0.000466	±2.5	PASS
Band5	4183	NV	30	-0.36	-0.000430	±2.5	PASS
Band5	4183	NV	40	-0.42	-0.000502	±2.5	PASS
Band5	4183	NV	50	-0.39	-0.000466	±2.5	PASS
Band5	4233	NV	-30	-2.27	-0.002681	±2.5	PASS
Band5	4233	NV	-20	-2.62	-0.003095	±2.5	PASS
Band5	4233	NV	-10	-2.54	-0.003000	±2.5	PASS
Band5	4233	NV	0	-2.34	-0.002764	±2.5	PASS

Band5	4233	NV	10	-2.21	-0.002610	±2.5	PASS
Band5	4233	NV	20	-2.35	-0.002776	±2.5	PASS
Band5	4233	NV	30	-2.48	-0.002929	±2.5	PASS
Band5	4233	NV	40	-2.23	-0.002634	±2.5	PASS
Band5	4233	NV	50	-2.38	-0.002811	±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	-1.85	-0.002239	±2.5	PASS
Band5	4132	1	VN	NT	-1.95	-0.002360	±2.5	PASS
Band5	4132	1	VH	NT	-1.95	-0.002360	±2.5	PASS
Band5	4132	2	VL	NT	-2.05	-0.002481	±2.5	PASS
Band5	4132	2	VN	NT	-2.20	-0.002662	±2.5	PASS
Band5	4132	2	VH	NT	-1.92	-0.002323	±2.5	PASS
Band5	4132	3	VL	NT	-1.82	-0.002202	±2.5	PASS
Band5	4132	3	VN	NT	-1.69	-0.002045	±2.5	PASS
Band5	4132	3	VH	NT	-1.47	-0.001779	±2.5	PASS
Band5	4132	4	VL	NT	-2.17	-0.002626	±2.5	PASS
Band5	4132	4	VN	NT	-1.83	-0.002214	±2.5	PASS
Band5	4132	4	VH	NT	-1.72	-0.002081	±2.5	PASS
Band5	4183	1	VL	NT	-2.10	-0.002510	±2.5	PASS
Band5	4183	1	VN	NT	-1.75	-0.002092	±2.5	PASS
Band5	4183	1	VH	NT	-2.06	-0.002462	±2.5	PASS
Band5	4183	2	VL	NT	-1.54	-0.001841	±2.5	PASS
Band5	4183	2	VN	NT	-1.77	-0.002116	±2.5	PASS
Band5	4183	2	VH	NT	-2.15	-0.002570	±2.5	PASS
Band5	4183	3	VL	NT	-1.58	-0.001889	±2.5	PASS
Band5	4183	3	VN	NT	-1.85	-0.002211	±2.5	PASS
Band5	4183	3	VH	NT	-2.01	-0.002403	±2.5	PASS
Band5	4183	4	VL	NT	-1.86	-0.002223	±2.5	PASS
Band5	4183	4	VN	NT	-2.41	-0.002881	±2.5	PASS
Band5	4183	4	VH	NT	-1.45	-0.001733	±2.5	PASS
Band5	4233	1	VL	NT	-2.62	-0.003095	±2.5	PASS
Band5	4233	1	VN	NT	-1.72	-0.002032	±2.5	PASS
Band5	4233	1	VH	NT	-1.77	-0.002091	±2.5	PASS
Band5	4233	2	VL	NT	-2.00	-0.002362	±2.5	PASS
Band5	4233	2	VN	NT	-1.51	-0.001784	±2.5	PASS
Band5	4233	2	VH	NT	-2.35	-0.002776	±2.5	PASS
Band5	4233	3	VL	NT	-1.88	-0.002221	±2.5	PASS
Band5	4233	3	VN	NT	-2.03	-0.002398	±2.5	PASS
Band5	4233	3	VH	NT	-2.66	-0.003142	±2.5	PASS
Band5	4233	4	VL	NT	-2.19	-0.002587	±2.5	PASS
Band5	4233	4	VN	NT	-2.10	-0.002481	±2.5	PASS
Band5	4233	4	VH	NT	-1.68	-0.001984	±2.5	PASS

Temperature								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	1	NV	-30	-2.12	-0.002565	±2.5	PASS
Band5	4132	1	NV	-20	-1.39	-0.001682	±2.5	PASS
Band5	4132	1	NV	-10	-2.05	-0.002481	±2.5	PASS
Band5	4132	1	NV	0	-1.70	-0.002057	±2.5	PASS
Band5	4132	1	NV	10	-1.72	-0.002081	±2.5	PASS
Band5	4132	1	NV	20	-1.83	-0.002214	±2.5	PASS
Band5	4132	1	NV	30	-1.27	-0.001537	±2.5	PASS
Band5	4132	1	NV	40	-2.20	-0.002662	±2.5	PASS
Band5	4132	1	NV	50	-1.72	-0.002081	±2.5	PASS
Band5	4132	2	NV	-30	-2.00	-0.002420	±2.5	PASS
Band5	4132	2	NV	-20	-1.97	-0.002384	±2.5	PASS
Band5	4132	2	NV	-10	-1.93	-0.002335	±2.5	PASS
Band5	4132	2	NV	0	-2.32	-0.002807	±2.5	PASS
Band5	4132	2	NV	10	-1.93	-0.002335	±2.5	PASS
Band5	4132	2	NV	20	-1.77	-0.002142	±2.5	PASS
Band5	4132	2	NV	30	-1.62	-0.001960	±2.5	PASS
Band5	4132	2	NV	40	-1.74	-0.002106	±2.5	PASS
Band5	4132	2	NV	50	-1.33	-0.001609	±2.5	PASS
Band5	4132	3	NV	-30	-1.78	-0.002154	±2.5	PASS
Band5	4132	3	NV	-20	-2.09	-0.002529	±2.5	PASS
Band5	4132	3	NV	-10	-1.46	-0.001767	±2.5	PASS
Band5	4132	3	NV	0	-1.98	-0.002396	±2.5	PASS
Band5	4132	3	NV	10	-1.75	-0.002118	±2.5	PASS
Band5	4132	3	NV	20	-1.68	-0.002033	±2.5	PASS
Band5	4132	3	NV	30	-2.37	-0.002868	±2.5	PASS
Band5	4132	3	NV	40	-2.11	-0.002553	±2.5	PASS
Band5	4132	3	NV	50	-2.03	-0.002456	±2.5	PASS
Band5	4132	4	NV	-30	-2.03	-0.002456	±2.5	PASS
Band5	4132	4	NV	-20	-1.75	-0.002118	±2.5	PASS
Band5	4132	4	NV	-10	-1.72	-0.002081	±2.5	PASS
Band5	4132	4	NV	0	-1.85	-0.002239	±2.5	PASS
Band5	4132	4	NV	10	-2.14	-0.002590	±2.5	PASS
Band5	4132	4	NV	20	-1.87	-0.002263	±2.5	PASS
Band5	4132	4	NV	30	-1.75	-0.002118	±2.5	PASS
Band5	4132	4	NV	40	-2.02	-0.002444	±2.5	PASS
Band5	4132	4	NV	50	-1.64	-0.001985	±2.5	PASS
Band5	4183	1	NV	-30	-1.66	-0.001984	±2.5	PASS
Band5	4183	1	NV	-20	-1.54	-0.001841	±2.5	PASS
Band5	4183	1	NV	-10	-1.93	-0.002307	±2.5	PASS

Band5	4183	1	NV	0	-1.45	-0.001733	±2.5	PASS
Band5	4183	1	NV	10	-2.25	-0.002689	±2.5	PASS
Band5	4183	1	NV	20	-1.64	-0.001960	±2.5	PASS
Band5	4183	1	NV	30	-2.34	-0.002797	±2.5	PASS
Band5	4183	1	NV	40	-1.75	-0.002092	±2.5	PASS
Band5	4183	1	NV	50	-1.78	-0.002128	±2.5	PASS
Band5	4183	2	NV	-30	-2.16	-0.002582	±2.5	PASS
Band5	4183	2	NV	-20	-2.17	-0.002594	±2.5	PASS
Band5	4183	2	NV	-10	-1.54	-0.001841	±2.5	PASS
Band5	4183	2	NV	0	-2.30	-0.002749	±2.5	PASS
Band5	4183	2	NV	10	-1.87	-0.002235	±2.5	PASS
Band5	4183	2	NV	20	-2.09	-0.002498	±2.5	PASS
Band5	4183	2	NV	30	-1.73	-0.002068	±2.5	PASS
Band5	4183	2	NV	40	-1.86	-0.002223	±2.5	PASS
Band5	4183	2	NV	50	-1.94	-0.002319	±2.5	PASS
Band5	4183	3	NV	-30	-2.05	-0.002450	±2.5	PASS
Band5	4183	3	NV	-20	-2.19	-0.002618	±2.5	PASS
Band5	4183	3	NV	-10	-1.39	-0.001661	±2.5	PASS
Band5	4183	3	NV	0	-1.95	-0.002331	±2.5	PASS
Band5	4183	3	NV	10	-1.71	-0.002044	±2.5	PASS
Band5	4183	3	NV	20	-1.75	-0.002092	±2.5	PASS
Band5	4183	3	NV	30	-1.66	-0.001984	±2.5	PASS
Band5	4183	3	NV	40	-1.50	-0.001793	±2.5	PASS
Band5	4183	3	NV	50	-1.86	-0.002223	±2.5	PASS
Band5	4183	4	NV	-30	-2.07	-0.002474	±2.5	PASS
Band5	4183	4	NV	-20	-1.77	-0.002116	±2.5	PASS
Band5	4183	4	NV	-10	-1.86	-0.002223	±2.5	PASS
Band5	4183	4	NV	0	-1.72	-0.002056	±2.5	PASS
Band5	4183	4	NV	10	-2.05	-0.002450	±2.5	PASS
Band5	4183	4	NV	20	-1.96	-0.002343	±2.5	PASS
Band5	4183	4	NV	30	-1.90	-0.002271	±2.5	PASS
Band5	4183	4	NV	40	-2.02	-0.002415	±2.5	PASS
Band5	4183	4	NV	50	-1.70	-0.002032	±2.5	PASS
Band5	4233	1	NV	-30	-2.25	-0.002658	±2.5	PASS
Band5	4233	1	NV	-20	-1.90	-0.002244	±2.5	PASS
Band5	4233	1	NV	-10	-1.89	-0.002232	±2.5	PASS
Band5	4233	1	NV	0	-1.92	-0.002268	±2.5	PASS
Band5	4233	1	NV	10	-1.72	-0.002032	±2.5	PASS
Band5	4233	1	NV	20	-1.88	-0.002221	±2.5	PASS
Band5	4233	1	NV	30	-1.88	-0.002221	±2.5	PASS
Band5	4233	1	NV	40	-2.05	-0.002421	±2.5	PASS

Band5	4233	1	NV	50	-2.27	-0.002681	±2.5	PASS
Band5	4233	2	NV	-30	-2.05	-0.002421	±2.5	PASS
Band5	4233	2	NV	-20	-2.12	-0.002504	±2.5	PASS
Band5	4233	2	NV	-10	-1.82	-0.002150	±2.5	PASS
Band5	4233	2	NV	0	-2.28	-0.002693	±2.5	PASS
Band5	4233	2	NV	10	-2.09	-0.002469	±2.5	PASS
Band5	4233	2	NV	20	-2.25	-0.002658	±2.5	PASS
Band5	4233	2	NV	30	-2.12	-0.002504	±2.5	PASS
Band5	4233	2	NV	40	-1.53	-0.001807	±2.5	PASS
Band5	4233	2	NV	50	-1.59	-0.001878	±2.5	PASS
Band5	4233	3	NV	-30	-2.00	-0.002362	±2.5	PASS
Band5	4233	3	NV	-20	-1.64	-0.001937	±2.5	PASS
Band5	4233	3	NV	-10	-2.17	-0.002563	±2.5	PASS
Band5	4233	3	NV	0	-2.06	-0.002433	±2.5	PASS
Band5	4233	3	NV	10	-2.01	-0.002374	±2.5	PASS
Band5	4233	3	NV	20	-2.52	-0.002977	±2.5	PASS
Band5	4233	3	NV	30	-1.94	-0.002292	±2.5	PASS
Band5	4233	3	NV	40	-2.05	-0.002421	±2.5	PASS
Band5	4233	3	NV	50	-1.83	-0.002162	±2.5	PASS
Band5	4233	4	NV	-30	-1.73	-0.002043	±2.5	PASS
Band5	4233	4	NV	-20	-1.85	-0.002185	±2.5	PASS
Band5	4233	4	NV	-10	-1.95	-0.002303	±2.5	PASS
Band5	4233	4	NV	0	-1.87	-0.002209	±2.5	PASS
Band5	4233	4	NV	10	-1.84	-0.002173	±2.5	PASS
Band5	4233	4	NV	20	-2.18	-0.002575	±2.5	PASS
Band5	4233	4	NV	30	-1.85	-0.002185	±2.5	PASS
Band5	4233	4	NV	40	-1.90	-0.002244	±2.5	PASS
Band5	4233	4	NV	50	-1.92	-0.002268	±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	1.21	0.001464	±2.5	PASS
Band5	4132	1	VN	NT	0.79	0.000956	±2.5	PASS
Band5	4132	1	VH	NT	1.39	0.001682	±2.5	PASS
Band5	4132	2	VL	NT	1.39	0.001682	±2.5	PASS
Band5	4132	2	VN	NT	1.14	0.001379	±2.5	PASS
Band5	4132	2	VH	NT	1.42	0.001718	±2.5	PASS
Band5	4132	3	VL	NT	1.34	0.001621	±2.5	PASS
Band5	4132	3	VN	NT	1.02	0.001234	±2.5	PASS
Band5	4132	3	VH	NT	1.40	0.001694	±2.5	PASS
Band5	4132	4	VL	NT	1.37	0.001658	±2.5	PASS
Band5	4132	4	VN	NT	1.06	0.001283	±2.5	PASS
Band5	4132	4	VH	NT	1.36	0.001646	±2.5	PASS
Band5	4132	5	VL	NT	1.34	0.001621	±2.5	PASS
Band5	4132	5	VN	NT	1.47	0.001779	±2.5	PASS
Band5	4132	5	VH	NT	1.44	0.001742	±2.5	PASS
Band5	4183	1	VL	NT	1.39	0.001661	±2.5	PASS
Band5	4183	1	VN	NT	1.31	0.001566	±2.5	PASS
Band5	4183	1	VH	NT	1.67	0.001996	±2.5	PASS
Band5	4183	2	VL	NT	1.46	0.001745	±2.5	PASS
Band5	4183	2	VN	NT	1.37	0.001638	±2.5	PASS
Band5	4183	2	VH	NT	1.45	0.001733	±2.5	PASS
Band5	4183	3	VL	NT	1.39	0.001661	±2.5	PASS
Band5	4183	3	VN	NT	1.52	0.001817	±2.5	PASS
Band5	4183	3	VH	NT	1.51	0.001805	±2.5	PASS
Band5	4183	4	VL	NT	1.53	0.001829	±2.5	PASS
Band5	4183	4	VN	NT	1.34	0.001602	±2.5	PASS
Band5	4183	4	VH	NT	1.54	0.001841	±2.5	PASS
Band5	4183	5	VL	NT	1.54	0.001841	±2.5	PASS
Band5	4183	5	VN	NT	1.43	0.001709	±2.5	PASS
Band5	4183	5	VH	NT	1.57	0.001877	±2.5	PASS
Band5	4233	1	VL	NT	1.49	0.001760	±2.5	PASS
Band5	4233	1	VN	NT	1.30	0.001536	±2.5	PASS
Band5	4233	1	VH	NT	2.13	0.002516	±2.5	PASS
Band5	4233	2	VL	NT	1.45	0.001713	±2.5	PASS
Band5	4233	2	VN	NT	1.48	0.001748	±2.5	PASS
Band5	4233	2	VH	NT	1.57	0.001854	±2.5	PASS
Band5	4233	3	VL	NT	1.47	0.001736	±2.5	PASS
Band5	4233	3	VN	NT	1.42	0.001677	±2.5	PASS

Band5	4233	3	VH	NT	1.47	0.001736	±2.5	PASS
Band5	4233	4	VL	NT	1.51	0.001784	±2.5	PASS
Band5	4233	4	VN	NT	1.35	0.001595	±2.5	PASS
Band5	4233	4	VH	NT	1.55	0.001831	±2.5	PASS
Band5	4233	5	VL	NT	1.56	0.001843	±2.5	PASS
Band5	4233	5	VN	NT	1.39	0.001642	±2.5	PASS
Band5	4233	5	VH	NT	1.57	0.001854	±2.5	PASS

Temperature								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	1	NV	-30	1.40	0.001694	±2.5	PASS
Band5	4132	1	NV	-20	1.36	0.001646	±2.5	PASS
Band5	4132	1	NV	-10	1.42	0.001718	±2.5	PASS
Band5	4132	1	NV	0	1.63	0.001972	±2.5	PASS
Band5	4132	1	NV	10	1.57	0.001900	±2.5	PASS
Band5	4132	1	NV	20	1.47	0.001779	±2.5	PASS
Band5	4132	1	NV	30	1.42	0.001718	±2.5	PASS
Band5	4132	1	NV	40	1.50	0.001815	±2.5	PASS
Band5	4132	1	NV	50	1.42	0.001718	±2.5	PASS
Band5	4132	2	NV	-30	1.52	0.001839	±2.5	PASS
Band5	4132	2	NV	-20	1.44	0.001742	±2.5	PASS
Band5	4132	2	NV	-10	1.52	0.001839	±2.5	PASS
Band5	4132	2	NV	0	1.46	0.001767	±2.5	PASS
Band5	4132	2	NV	10	1.50	0.001815	±2.5	PASS
Band5	4132	2	NV	20	1.47	0.001779	±2.5	PASS
Band5	4132	2	NV	30	1.32	0.001597	±2.5	PASS
Band5	4132	2	NV	40	1.48	0.001791	±2.5	PASS
Band5	4132	2	NV	50	1.47	0.001779	±2.5	PASS
Band5	4132	3	NV	-30	1.47	0.001779	±2.5	PASS
Band5	4132	3	NV	-20	1.53	0.001851	±2.5	PASS
Band5	4132	3	NV	-10	1.41	0.001706	±2.5	PASS
Band5	4132	3	NV	0	1.47	0.001779	±2.5	PASS
Band5	4132	3	NV	10	1.57	0.001900	±2.5	PASS
Band5	4132	3	NV	20	1.49	0.001803	±2.5	PASS
Band5	4132	3	NV	30	1.43	0.001730	±2.5	PASS
Band5	4132	3	NV	40	1.44	0.001742	±2.5	PASS
Band5	4132	3	NV	50	1.40	0.001694	±2.5	PASS
Band5	4132	4	NV	-30	1.29	0.001561	±2.5	PASS
Band5	4132	4	NV	-20	1.44	0.001742	±2.5	PASS
Band5	4132	4	NV	-10	1.39	0.001682	±2.5	PASS

Band5	4132	4	NV	0	1.44	0.001742	±2.5	PASS
Band5	4132	4	NV	10	1.44	0.001742	±2.5	PASS
Band5	4132	4	NV	20	1.47	0.001779	±2.5	PASS
Band5	4132	4	NV	30	1.51	0.001827	±2.5	PASS
Band5	4132	4	NV	40	1.32	0.001597	±2.5	PASS
Band5	4132	4	NV	50	1.49	0.001803	±2.5	PASS
Band5	4132	5	NV	-30	1.34	0.001621	±2.5	PASS
Band5	4132	5	NV	-20	1.49	0.001803	±2.5	PASS
Band5	4132	5	NV	-10	1.40	0.001694	±2.5	PASS
Band5	4132	5	NV	0	1.45	0.001755	±2.5	PASS
Band5	4132	5	NV	10	1.48	0.001791	±2.5	PASS
Band5	4132	5	NV	20	1.46	0.001767	±2.5	PASS
Band5	4132	5	NV	30	1.42	0.001718	±2.5	PASS
Band5	4132	5	NV	40	1.45	0.001755	±2.5	PASS
Band5	4132	5	NV	50	1.40	0.001694	±2.5	PASS
Band5	4183	1	NV	-30	1.54	0.001841	±2.5	PASS
Band5	4183	1	NV	-20	1.45	0.001733	±2.5	PASS
Band5	4183	1	NV	-10	1.39	0.001661	±2.5	PASS
Band5	4183	1	NV	0	1.45	0.001733	±2.5	PASS
Band5	4183	1	NV	10	1.47	0.001757	±2.5	PASS
Band5	4183	1	NV	20	1.49	0.001781	±2.5	PASS
Band5	4183	1	NV	30	1.46	0.001745	±2.5	PASS
Band5	4183	1	NV	40	1.58	0.001889	±2.5	PASS
Band5	4183	1	NV	50	1.48	0.001769	±2.5	PASS
Band5	4183	2	NV	-30	1.51	0.001805	±2.5	PASS
Band5	4183	2	NV	-20	1.46	0.001745	±2.5	PASS
Band5	4183	2	NV	-10	1.49	0.001781	±2.5	PASS
Band5	4183	2	NV	0	1.48	0.001769	±2.5	PASS
Band5	4183	2	NV	10	1.39	0.001661	±2.5	PASS
Band5	4183	2	NV	20	1.56	0.001865	±2.5	PASS
Band5	4183	2	NV	30	1.54	0.001841	±2.5	PASS
Band5	4183	2	NV	40	1.42	0.001697	±2.5	PASS
Band5	4183	2	NV	50	1.34	0.001602	±2.5	PASS
Band5	4183	3	NV	-30	1.38	0.001650	±2.5	PASS
Band5	4183	3	NV	-20	1.62	0.001936	±2.5	PASS
Band5	4183	3	NV	-10	1.54	0.001841	±2.5	PASS
Band5	4183	3	NV	0	1.53	0.001829	±2.5	PASS
Band5	4183	3	NV	10	1.55	0.001853	±2.5	PASS
Band5	4183	3	NV	20	1.49	0.001781	±2.5	PASS
Band5	4183	3	NV	30	1.53	0.001829	±2.5	PASS
Band5	4183	3	NV	40	1.54	0.001841	±2.5	PASS

Band5	4183	3	NV	50	1.58	0.001889	±2.5	PASS
Band5	4183	4	NV	-30	1.51	0.001805	±2.5	PASS
Band5	4183	4	NV	-20	1.44	0.001721	±2.5	PASS
Band5	4183	4	NV	-10	1.56	0.001865	±2.5	PASS
Band5	4183	4	NV	0	1.61	0.001924	±2.5	PASS
Band5	4183	4	NV	10	1.57	0.001877	±2.5	PASS
Band5	4183	4	NV	20	1.60	0.001913	±2.5	PASS
Band5	4183	4	NV	30	1.54	0.001841	±2.5	PASS
Band5	4183	4	NV	40	1.42	0.001697	±2.5	PASS
Band5	4183	4	NV	50	1.52	0.001817	±2.5	PASS
Band5	4183	5	NV	-30	1.46	0.001745	±2.5	PASS
Band5	4183	5	NV	-20	1.44	0.001721	±2.5	PASS
Band5	4183	5	NV	-10	1.47	0.001757	±2.5	PASS
Band5	4183	5	NV	0	1.49	0.001781	±2.5	PASS
Band5	4183	5	NV	10	1.62	0.001936	±2.5	PASS
Band5	4183	5	NV	20	1.55	0.001853	±2.5	PASS
Band5	4183	5	NV	30	1.56	0.001865	±2.5	PASS
Band5	4183	5	NV	40	1.46	0.001745	±2.5	PASS
Band5	4183	5	NV	50	1.35	0.001614	±2.5	PASS
Band5	4233	1	NV	-30	1.39	0.001642	±2.5	PASS
Band5	4233	1	NV	-20	1.50	0.001772	±2.5	PASS
Band5	4233	1	NV	-10	1.42	0.001677	±2.5	PASS
Band5	4233	1	NV	0	1.49	0.001760	±2.5	PASS
Band5	4233	1	NV	10	1.52	0.001795	±2.5	PASS
Band5	4233	1	NV	20	1.57	0.001854	±2.5	PASS
Band5	4233	1	NV	30	1.62	0.001914	±2.5	PASS
Band5	4233	1	NV	40	1.46	0.001725	±2.5	PASS
Band5	4233	1	NV	50	1.51	0.001784	±2.5	PASS
Band5	4233	2	NV	-30	1.45	0.001713	±2.5	PASS
Band5	4233	2	NV	-20	1.54	0.001819	±2.5	PASS
Band5	4233	2	NV	-10	1.42	0.001677	±2.5	PASS
Band5	4233	2	NV	0	1.54	0.001819	±2.5	PASS
Band5	4233	2	NV	10	1.52	0.001795	±2.5	PASS
Band5	4233	2	NV	20	1.44	0.001701	±2.5	PASS
Band5	4233	2	NV	30	1.60	0.001890	±2.5	PASS
Band5	4233	2	NV	40	1.50	0.001772	±2.5	PASS
Band5	4233	2	NV	50	1.54	0.001819	±2.5	PASS
Band5	4233	3	NV	-30	1.40	0.001654	±2.5	PASS
Band5	4233	3	NV	-20	1.55	0.001831	±2.5	PASS
Band5	4233	3	NV	-10	1.51	0.001784	±2.5	PASS
Band5	4233	3	NV	0	1.44	0.001701	±2.5	PASS

Band5	4233	3	NV	10	1.47	0.001736	±2.5	PASS
Band5	4233	3	NV	20	1.55	0.001831	±2.5	PASS
Band5	4233	3	NV	30	1.42	0.001677	±2.5	PASS
Band5	4233	3	NV	40	1.40	0.001654	±2.5	PASS
Band5	4233	3	NV	50	1.53	0.001807	±2.5	PASS
Band5	4233	4	NV	-30	1.54	0.001819	±2.5	PASS
Band5	4233	4	NV	-20	1.47	0.001736	±2.5	PASS
Band5	4233	4	NV	-10	1.50	0.001772	±2.5	PASS
Band5	4233	4	NV	0	1.59	0.001878	±2.5	PASS
Band5	4233	4	NV	10	1.54	0.001819	±2.5	PASS
Band5	4233	4	NV	20	1.49	0.001760	±2.5	PASS
Band5	4233	4	NV	30	1.57	0.001854	±2.5	PASS
Band5	4233	4	NV	40	1.52	0.001795	±2.5	PASS
Band5	4233	4	NV	50	1.50	0.001772	±2.5	PASS
Band5	4233	5	NV	-30	1.59	0.001878	±2.5	PASS
Band5	4233	5	NV	-20	1.42	0.001677	±2.5	PASS
Band5	4233	5	NV	-10	1.54	0.001819	±2.5	PASS
Band5	4233	5	NV	0	1.48	0.001748	±2.5	PASS
Band5	4233	5	NV	10	1.46	0.001725	±2.5	PASS
Band5	4233	5	NV	20	1.54	0.001819	±2.5	PASS
Band5	4233	5	NV	30	1.49	0.001760	±2.5	PASS
Band5	4233	5	NV	40	1.46	0.001725	±2.5	PASS
Band5	4233	5	NV	50	1.47	0.001736	±2.5	PASS