



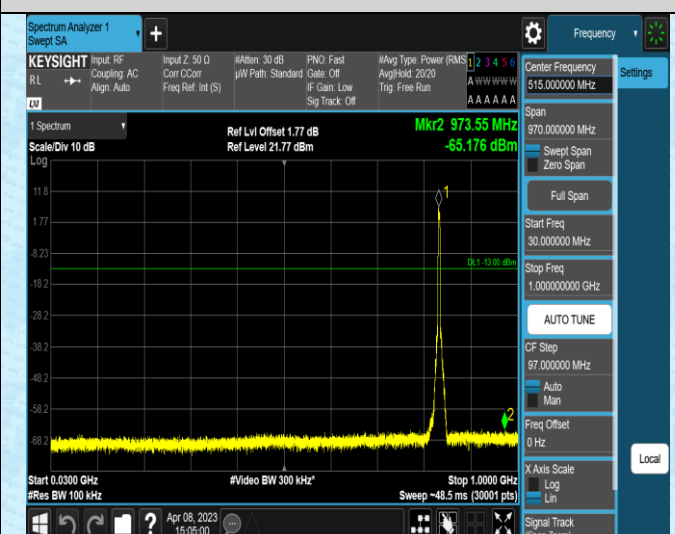
Band5-4183-1-0.15~30MHz



Band5-4183-1-30~1000MHz



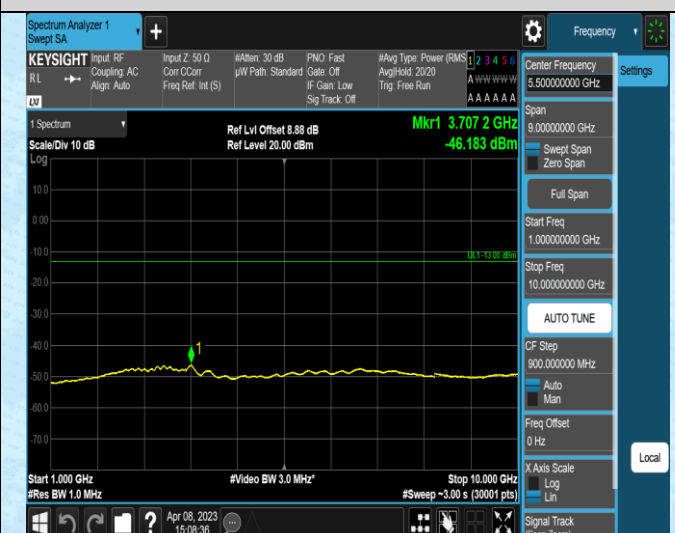
Band5-4183-1-1000~10000MHz



Band5-4233-1-1000~10000MHz



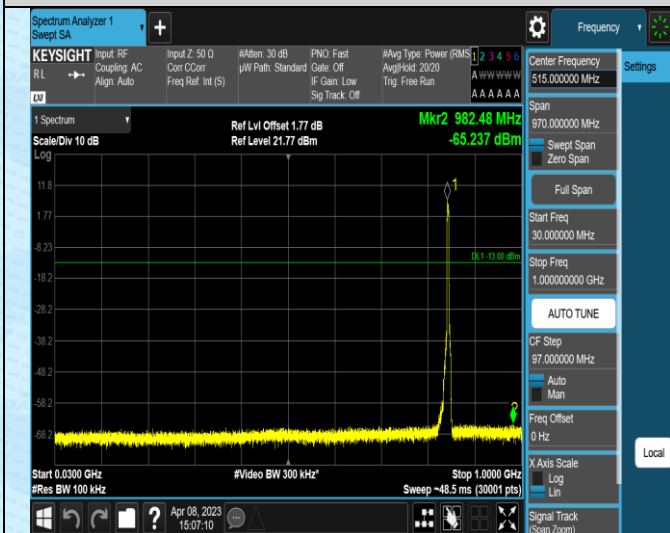
Band5-4233-1-0.009~0.15MHz



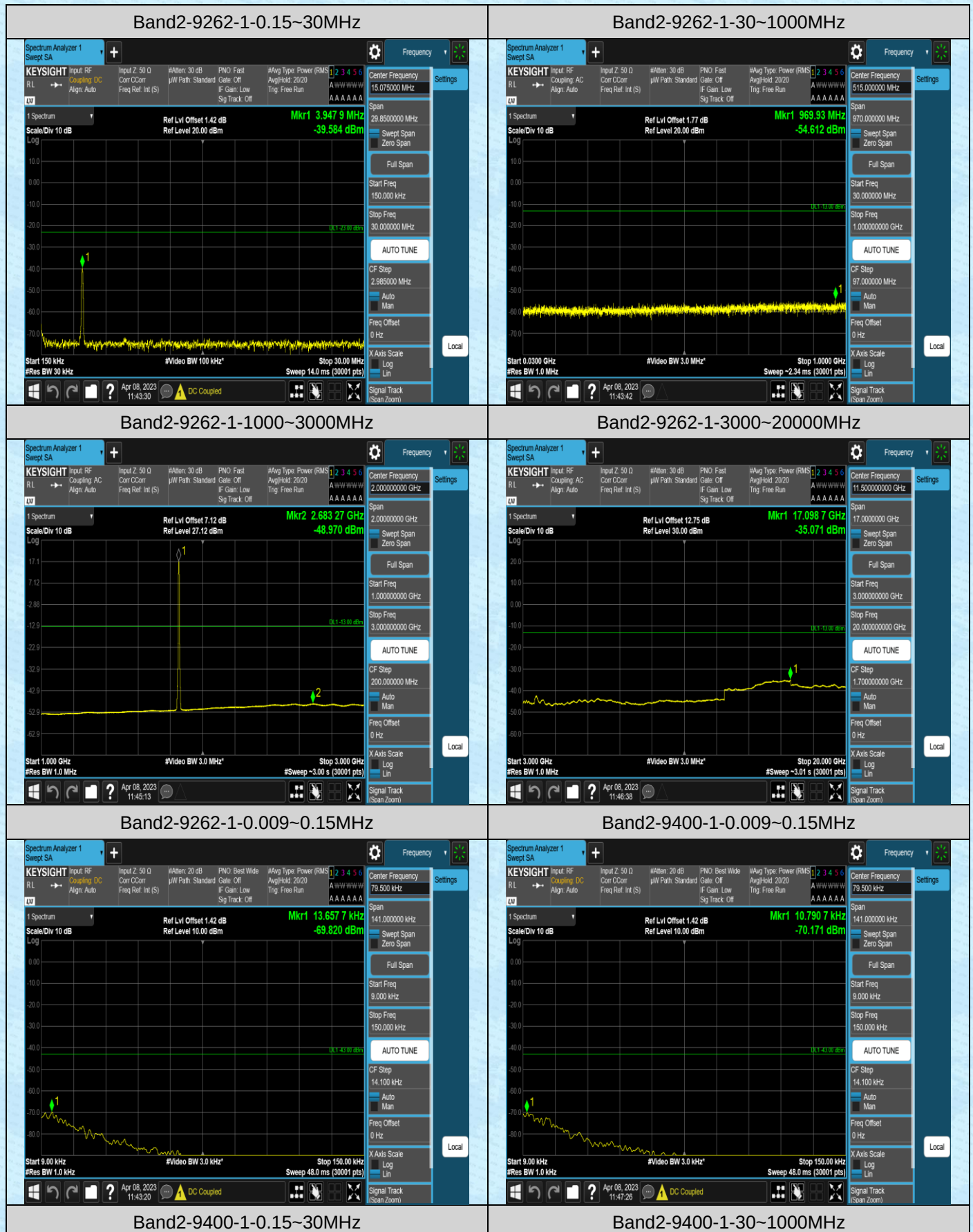
Band5-4233-1-0.15~30MHz

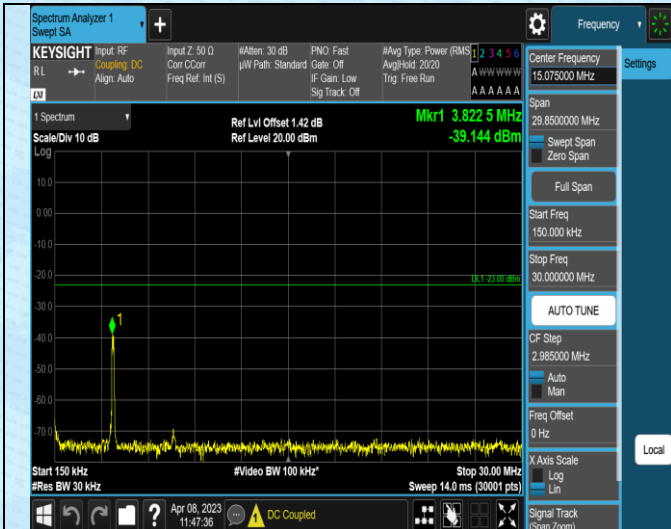


Band5-4233-1-30~1000MHz

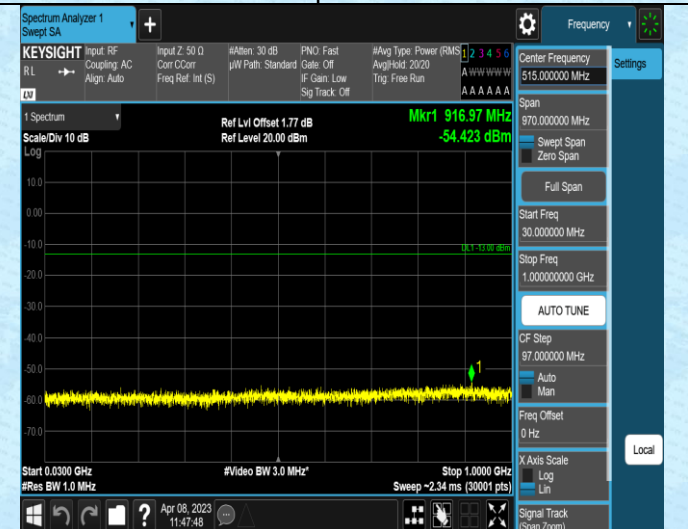


Test Graphs(HSUPA)

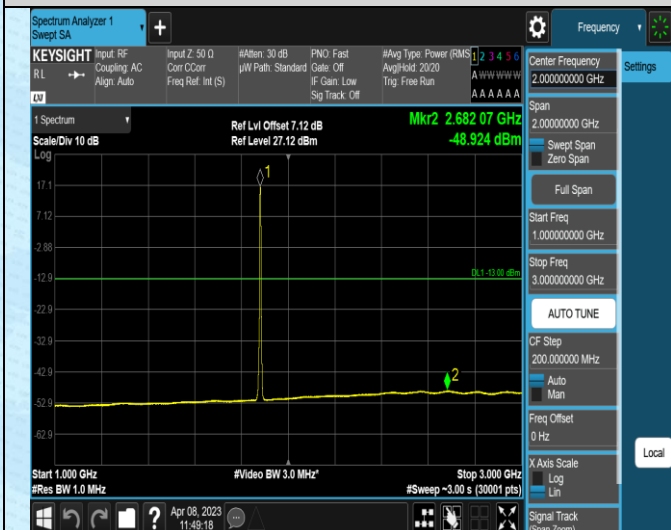




Band2-9400-1-1000~3000MHz



Band2-9400-1-3000~20000MHz



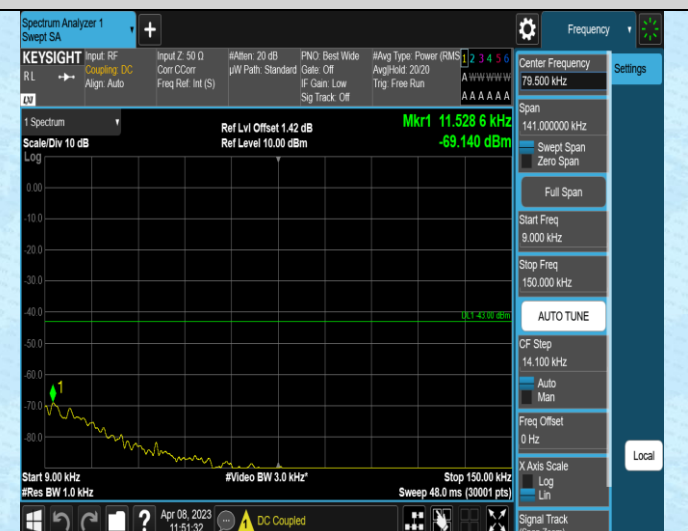
Band2-9538-1-3000~20000MHz



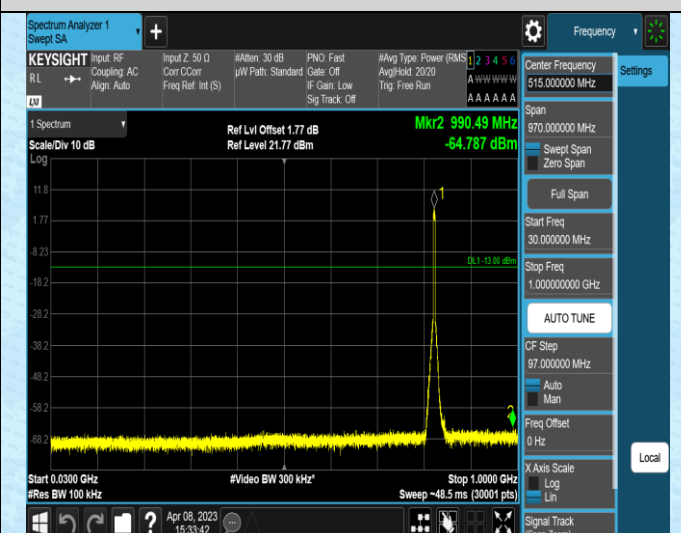
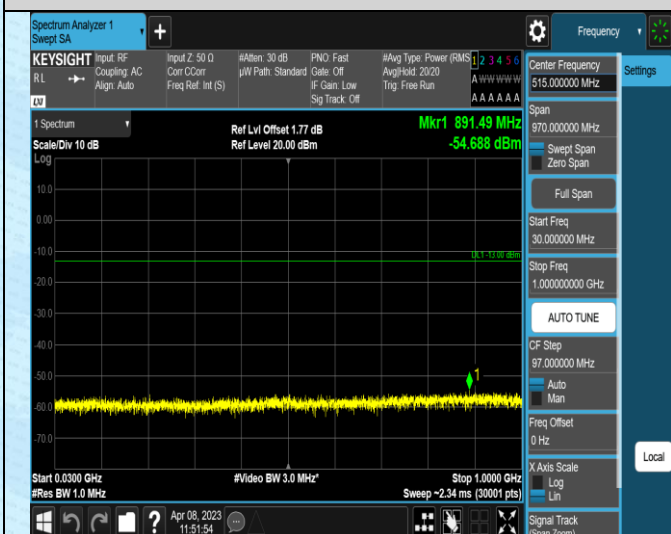
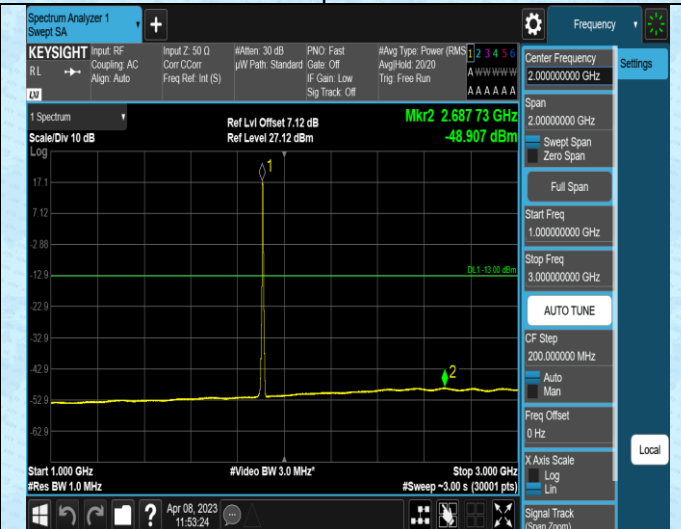
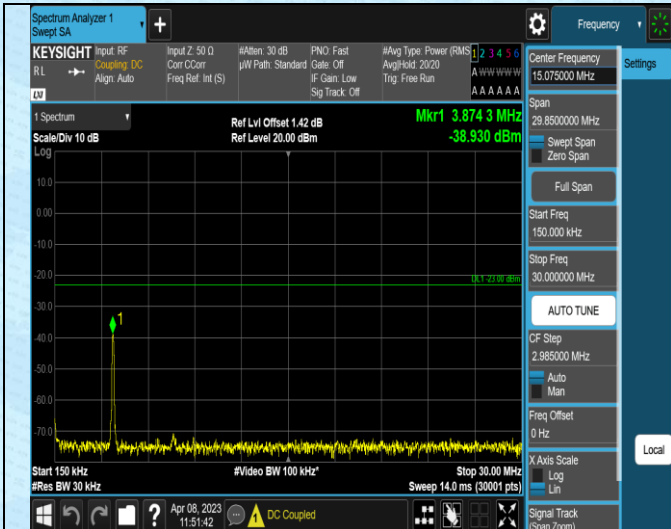
Band2-9538-1-0.009~0.15MHz



Band2-9538-1-0.15~30MHz

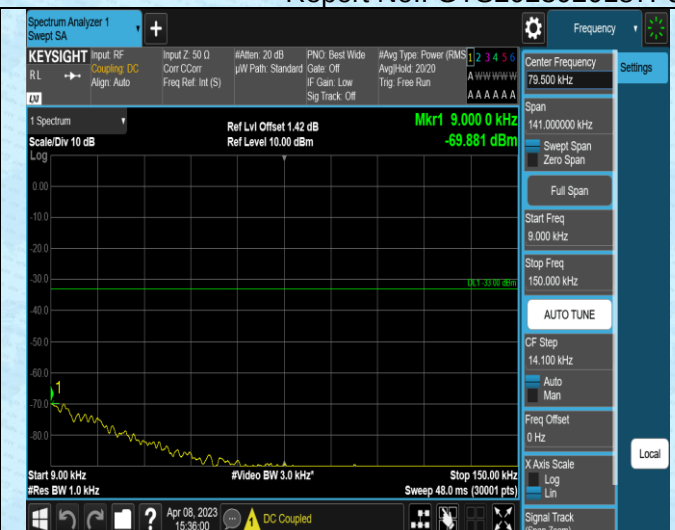


Band2-9538-1-1000~3000MHz





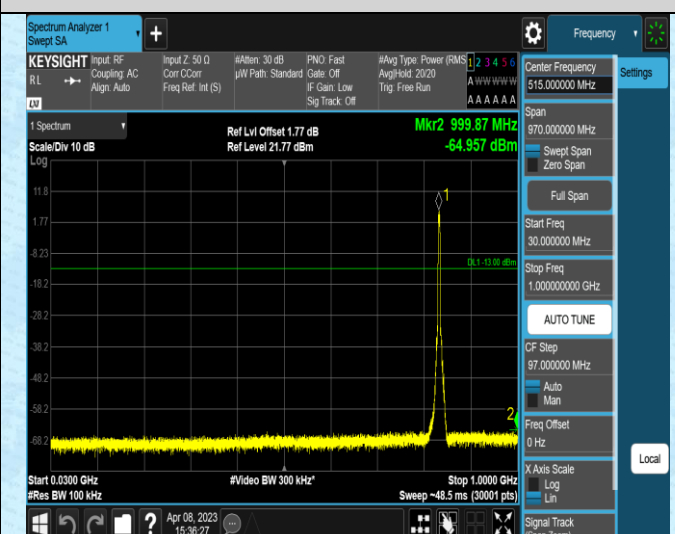
Band5-4183-1-0.15~30MHz



Band5-4183-1-30~1000MHz



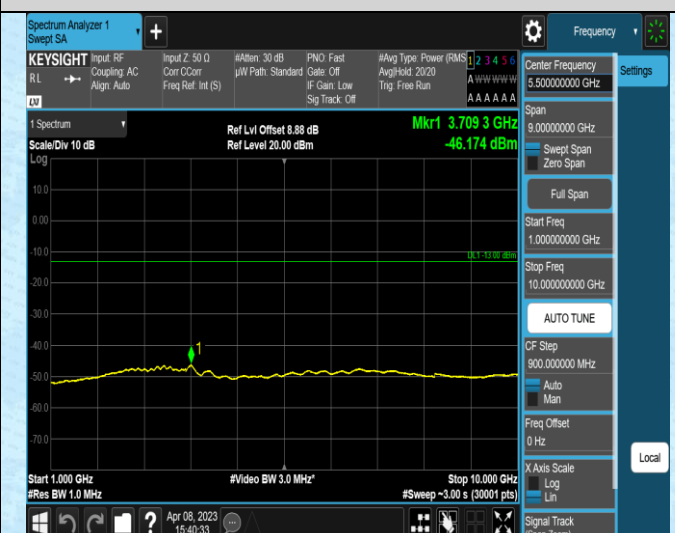
Band5-4183-1-1000~10000MHz



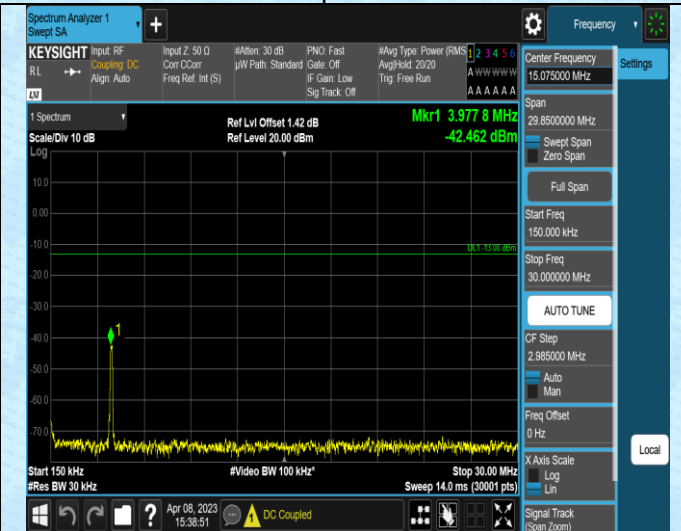
Band5-4233-1-1000~10000MHz



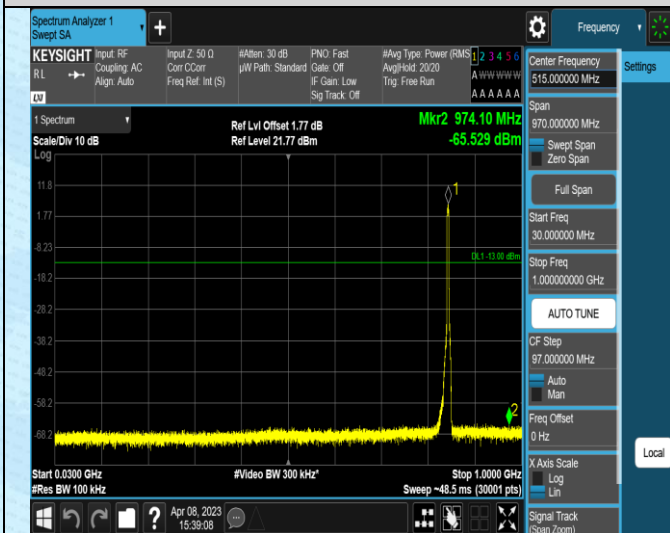
Band5-4233-1-0.009~0.15MHz



Band5-4233-1-0.15~30MHz



Band5-4233-1-30~1000MHz



Appendix F: Frequency Stability

Test Result(WCDMA)

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	VL	NT	2.90	0.001566	±2.5	PASS
Band2	9262	VN	NT	2.53	0.001366	±2.5	PASS
Band2	9262	VH	NT	2.47	0.001333	±2.5	PASS
Band2	9400	VL	NT	0.00	0.000000	±2.5	PASS
Band2	9400	VN	NT	-0.79	-0.000420	±2.5	PASS
Band2	9400	VH	NT	-0.15	-0.000080	±2.5	PASS
Band2	9538	VL	NT	-5.70	-0.002988	±2.5	PASS
Band2	9538	VN	NT	-6.24	-0.003271	±2.5	PASS
Band2	9538	VH	NT	-5.79	-0.003035	±2.5	PASS
Band5	4132	VL	NT	0.90	0.001089	±2.5	PASS
Band5	4132	VN	NT	0.69	0.000835	±2.5	PASS
Band5	4132	VH	NT	1.04	0.001258	±2.5	PASS
Band5	4183	VL	NT	-0.10	-0.000120	±2.5	PASS
Band5	4183	VN	NT	0.01	0.000012	±2.5	PASS
Band5	4183	VH	NT	-0.06	-0.000072	±2.5	PASS
Band5	4233	VL	NT	-2.56	-0.003024	±2.5	PASS
Band5	4233	VN	NT	-1.83	-0.002162	±2.5	PASS
Band5	4233	VH	NT	-2.44	-0.002882	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	NV	-30	2.62	0.001414	±2.5	PASS
Band2	9262	NV	-20	2.86	0.001544	±2.5	PASS
Band2	9262	NV	0	3.21	0.001733	±2.5	PASS
Band2	9262	NV	10	3.13	0.001690	±2.5	PASS
Band2	9262	NV	20	2.84	0.001533	±2.5	PASS
Band2	9400	NV	-30	-0.39	-0.000207	±2.5	PASS
Band2	9400	NV	-20	-1.24	-0.000660	±2.5	PASS
Band2	9400	NV	0	-0.56	-0.000298	±2.5	PASS
Band2	9400	NV	10	-0.63	-0.000335	±2.5	PASS
Band2	9400	NV	20	-0.62	-0.000330	±2.5	PASS

Band2	9538	NV	-30	-6.12	-0.003208	±2.5	PASS
Band2	9538	NV	-20	-6.11	-0.003203	±2.5	PASS
Band2	9538	NV	0	-6.05	-0.003172	±2.5	PASS
Band2	9538	NV	10	-6.02	-0.003156	±2.5	PASS
Band2	9538	NV	20	-5.72	-0.002999	±2.5	PASS
Band5	4132	NV	-30	1.09	0.001319	±2.5	PASS
Band5	4132	NV	-20	1.13	0.001367	±2.5	PASS
Band5	4132	NV	0	1.26	0.001525	±2.5	PASS
Band5	4132	NV	10	1.25	0.001513	±2.5	PASS
Band5	4132	NV	20	1.19	0.001440	±2.5	PASS
Band5	4183	NV	-30	-0.38	-0.000454	±2.5	PASS
Band5	4183	NV	-20	-0.41	-0.000490	±2.5	PASS
Band5	4183	NV	0	-0.46	-0.000550	±2.5	PASS
Band5	4183	NV	10	-0.40	-0.000478	±2.5	PASS
Band5	4183	NV	20	-0.56	-0.000669	±2.5	PASS
Band5	4233	NV	-30	-2.15	-0.002540	±2.5	PASS
Band5	4233	NV	-20	-2.22	-0.002622	±2.5	PASS
Band5	4233	NV	0	-2.15	-0.002540	±2.5	PASS
Band5	4233	NV	10	-2.41	-0.002847	±2.5	PASS
Band5	4233	NV	20	-2.37	-0.002799	±2.5	PASS

Test Result(HSDPA)

Voltage								
Band	Channel	SubT est	Voltage (Vdc)	Temperat ure (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	1	VL	NT	-4.87	-0.002629	±2.5	PASS
Band2	9262	1	VN	NT	-5.09	-0.002748	±2.5	PASS
Band2	9262	1	VH	NT	-5.29	-0.002856	±2.5	PASS
Band2	9400	1	VL	NT	-5.33	-0.002835	±2.5	PASS
Band2	9400	1	VN	NT	-5.44	-0.002894	±2.5	PASS
Band2	9400	1	VH	NT	-5.04	-0.002681	±2.5	PASS
Band2	9538	1	VL	NT	-5.48	-0.002873	±2.5	PASS
Band2	9538	1	VN	NT	-5.76	-0.003020	±2.5	PASS
Band2	9538	1	VH	NT	-4.87	-0.002553	±2.5	PASS
Band5	4132	1	VL	NT	-2.18	-0.002638	±2.5	PASS
Band5	4132	1	VN	NT	-2.05	-0.002481	±2.5	PASS
Band5	4132	1	VH	NT	-2.20	-0.002662	±2.5	PASS
Band5	4183	1	VL	NT	-2.35	-0.002809	±2.5	PASS
Band5	4183	1	VN	NT	-2.42	-0.002893	±2.5	PASS
Band5	4183	1	VH	NT	-2.40	-0.002869	±2.5	PASS
Band5	4233	1	VL	NT	-2.17	-0.002563	±2.5	PASS
Band5	4233	1	VN	NT	-2.01	-0.002374	±2.5	PASS
Band5	4233	1	VH	NT	-2.10	-0.002481	±2.5	PASS

Temperature								
Band	Channel	SubT est	Voltage (Vdc)	Temperat ure (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	1	NV	-30	-5.99	-0.003234	±2.5	PASS
Band2	9262	1	NV	-20	-6.00	-0.003239	±2.5	PASS
Band2	9262	1	NV	0	-5.31	-0.002867	±2.5	PASS
Band2	9262	1	NV	10	-5.62	-0.003034	±2.5	PASS
Band2	9262	1	NV	20	-5.24	-0.002829	±2.5	PASS
Band2	9400	1	NV	-30	-5.35	-0.002846	±2.5	PASS
Band2	9400	1	NV	-20	-5.51	-0.002931	±2.5	PASS
Band2	9400	1	NV	0	-5.93	-0.003154	±2.5	PASS
Band2	9400	1	NV	10	-5.52	-0.002936	±2.5	PASS
Band2	9400	1	NV	20	-5.14	-0.002734	±2.5	PASS

Band2	9538	1	NV	-30	-5.36	-0.002810	±2.5	PASS
Band2	9538	1	NV	-20	-5.68	-0.002978	±2.5	PASS
Band2	9538	1	NV	0	-5.18	-0.002715	±2.5	PASS
Band2	9538	1	NV	10	-5.44	-0.002852	±2.5	PASS
Band2	9538	1	NV	20	-5.34	-0.002799	±2.5	PASS
Band5	4132	1	NV	-30	-2.38	-0.002880	±2.5	PASS
Band5	4132	1	NV	-20	-2.40	-0.002904	±2.5	PASS
Band5	4132	1	NV	0	-2.40	-0.002904	±2.5	PASS
Band5	4132	1	NV	10	-2.07	-0.002505	±2.5	PASS
Band5	4132	1	NV	20	-2.38	-0.002880	±2.5	PASS
Band5	4183	1	NV	-30	-2.02	-0.002415	±2.5	PASS
Band5	4183	1	NV	-20	-2.42	-0.002893	±2.5	PASS
Band5	4183	1	NV	0	-2.42	-0.002893	±2.5	PASS
Band5	4183	1	NV	10	-2.40	-0.002869	±2.5	PASS
Band5	4183	1	NV	20	-2.43	-0.002905	±2.5	PASS
Band5	4233	1	NV	-30	-2.05	-0.002421	±2.5	PASS
Band5	4233	1	NV	-20	-2.40	-0.002835	±2.5	PASS
Band5	4233	1	NV	0	-1.91	-0.002256	±2.5	PASS
Band5	4233	1	NV	10	-2.25	-0.002658	±2.5	PASS
Band5	4233	1	NV	20	-2.34	-0.002764	±2.5	PASS

Test Result(HSUPA)

Voltage								
Band	Channel	SubTest	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	1	VL	NT	-7.06	-0.003811	±2.5	PASS
Band2	9262	1	VN	NT	-6.02	-0.003250	±2.5	PASS
Band2	9262	1	VH	NT	-7.32	-0.003952	±2.5	PASS
Band2	9400	1	VL	NT	-5.56	-0.002957	±2.5	PASS
Band2	9400	1	VN	NT	-6.97	-0.003707	±2.5	PASS
Band2	9400	1	VH	NT	-6.17	-0.003282	±2.5	PASS
Band2	9538	1	VL	NT	-6.09	-0.003192	±2.5	PASS
Band2	9538	1	VN	NT	-7.28	-0.003816	±2.5	PASS
Band2	9538	1	VH	NT	-7.42	-0.003890	±2.5	PASS
Band5	4132	1	VL	NT	-6.65	-0.008047	±2.5	PASS
Band5	4132	1	VN	NT	-5.59	-0.006764	±2.5	PASS
Band5	4132	1	VH	NT	-7.07	-0.008555	±2.5	PASS
Band5	4183	1	VL	NT	-7.37	-0.008809	±2.5	PASS
Band5	4183	1	VN	NT	-4.91	-0.005869	±2.5	PASS
Band5	4183	1	VH	NT	-6.07	-0.007256	±2.5	PASS
Band5	4233	1	VL	NT	-7.21	-0.008516	±2.5	PASS
Band5	4233	1	VN	NT	-7.58	-0.008953	±2.5	PASS
Band5	4233	1	VH	NT	-5.92	-0.006993	±2.5	PASS

Temperature								
Band	Channel	SubTest	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	1	NV	-30	-7.12	-0.003844	±2.5	PASS
Band2	9262	1	NV	-20	-6.95	-0.003752	±2.5	PASS
Band2	9262	1	NV	0	-7.49	-0.004043	±2.5	PASS
Band2	9262	1	NV	10	-7.30	-0.003941	±2.5	PASS
Band2	9262	1	NV	20	-7.14	-0.003854	±2.5	PASS
Band2	9400	1	NV	-30	-7.12	-0.003787	±2.5	PASS
Band2	9400	1	NV	-20	-7.31	-0.003888	±2.5	PASS
Band2	9400	1	NV	0	-8.12	-0.004319	±2.5	PASS
Band2	9400	1	NV	10	-7.33	-0.003899	±2.5	PASS
Band2	9400	1	NV	20	-6.09	-0.003239	±2.5	PASS

Band2	9538	1	NV	-30	-6.44	-0.003376	±2.5	PASS
Band2	9538	1	NV	-20	-6.75	-0.003538	±2.5	PASS
Band2	9538	1	NV	0	-5.29	-0.002773	±2.5	PASS
Band2	9538	1	NV	10	-6.07	-0.003182	±2.5	PASS
Band2	9538	1	NV	20	-7.29	-0.003822	±2.5	PASS
Band5	4132	1	NV	-30	-5.38	-0.006510	±2.5	PASS
Band5	4132	1	NV	-20	-7.20	-0.008712	±2.5	PASS
Band5	4132	1	NV	0	-5.04	-0.006099	±2.5	PASS
Band5	4132	1	NV	10	-3.57	-0.004320	±2.5	PASS
Band5	4132	1	NV	20	-5.16	-0.006244	±2.5	PASS
Band5	4183	1	NV	-30	-6.26	-0.007483	±2.5	PASS
Band5	4183	1	NV	-20	-7.18	-0.008582	±2.5	PASS
Band5	4183	1	NV	0	-6.19	-0.007399	±2.5	PASS
Band5	4183	1	NV	10	-6.81	-0.008140	±2.5	PASS
Band5	4183	1	NV	20	-6.09	-0.007279	±2.5	PASS
Band5	4233	1	NV	-30	-6.33	-0.007477	±2.5	PASS
Band5	4233	1	NV	-20	-5.71	-0.006745	±2.5	PASS
Band5	4233	1	NV	0	-6.52	-0.007701	±2.5	PASS
Band5	4233	1	NV	10	-4.93	-0.005823	±2.5	PASS
Band5	4233	1	NV	20	-4.44	-0.005245	±2.5	PASS

-----End-----