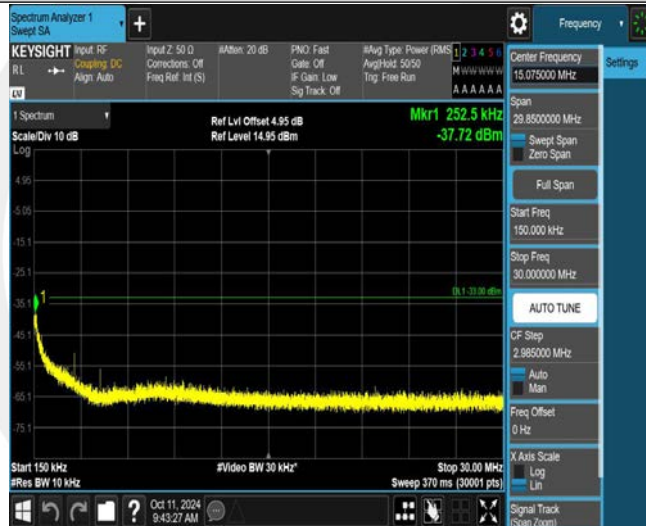




Band5-4183-4-0.15~30MHz



Band5-4183-4-30~1000MHz



Band5-4183-4-1000~3000MHz



Band5-4183-4-3000~10000MHz



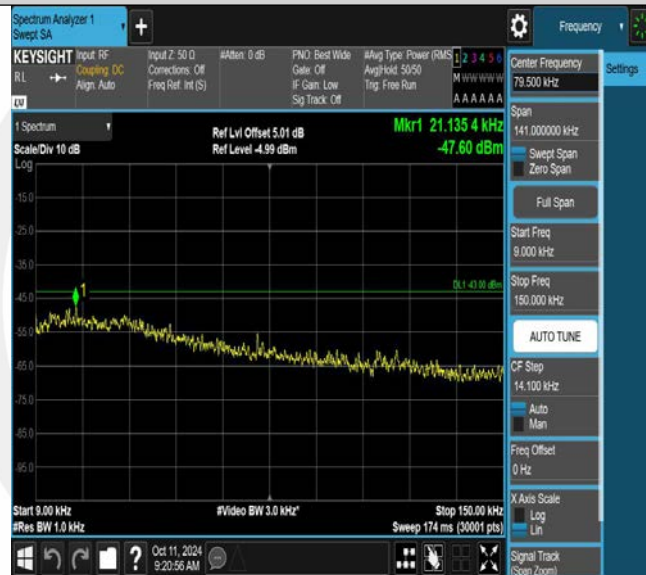
Band5-4183-4-10000~18000MHz



Band5-4233-1-10000~18000MHz



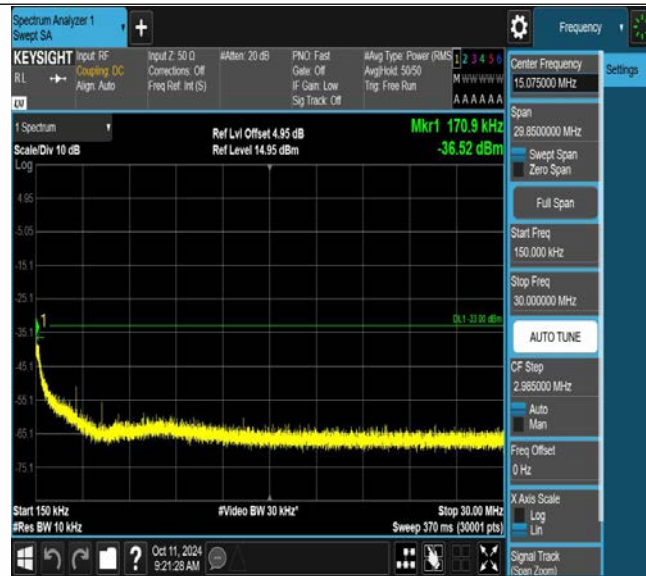
Band5-4233-1-0.009~0.15MHz



Band5-4233-1-3000~10000MHz



Band5-4233-1-0.15~30MHz



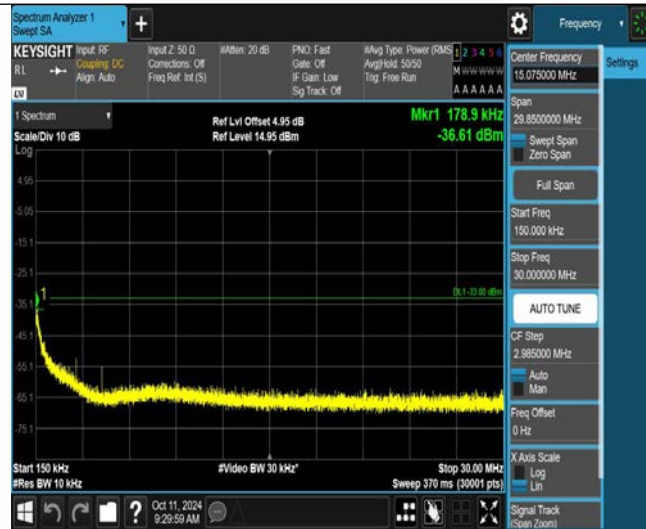
Band5-4233-1-1000~3000MHz



Band5-4233-1-30~1000MHz



Band5-4233-2-0.15~30MHz



Band5-4233-2-30~1000MHz



Band5-4233-2-1000~3000MHz



Band5-4233-2-10000~18000MHz



Band5-4233-2-3000~10000MHz



Band5-4233-2-0.009~0.15MHz



Band5-4233-3-30~1000MHz



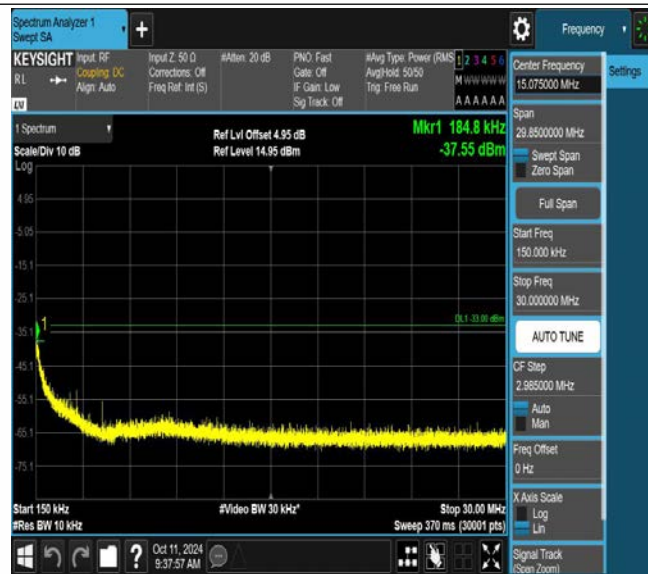
Band5-4233-3-10000~18000MHz



Band5-4233-3-1000~3000MHz



Band5-4233-3-0.15~30MHz



Band5-4233-3-0.009~0.15MHz



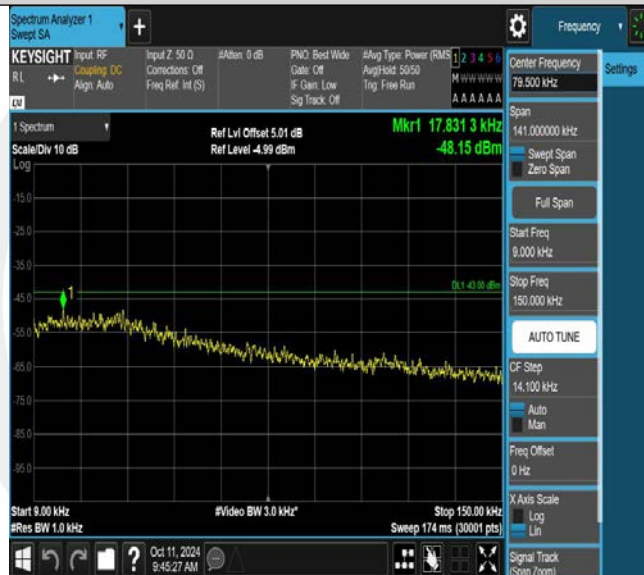
Band5-4233-3-3000~10000MHz



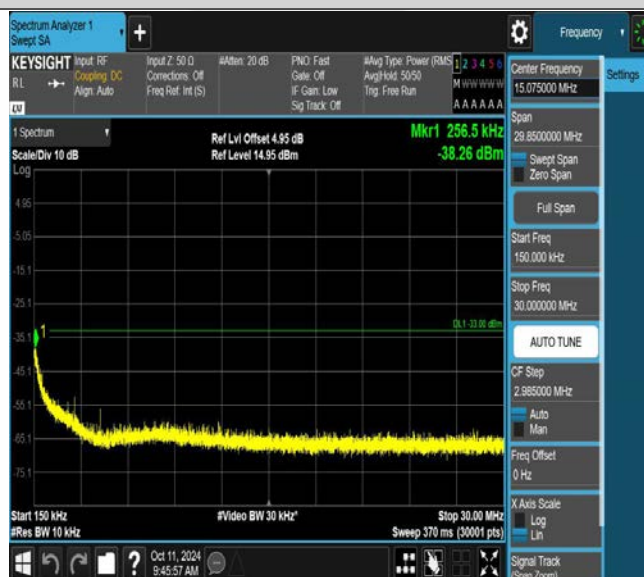
Band5-4233-4-10000~18000MHz



Band5-4233-4-0.009~0.15MHz



Band5-4233-4-0.15~30MHz



Band5-4233-4-30~1000MHz



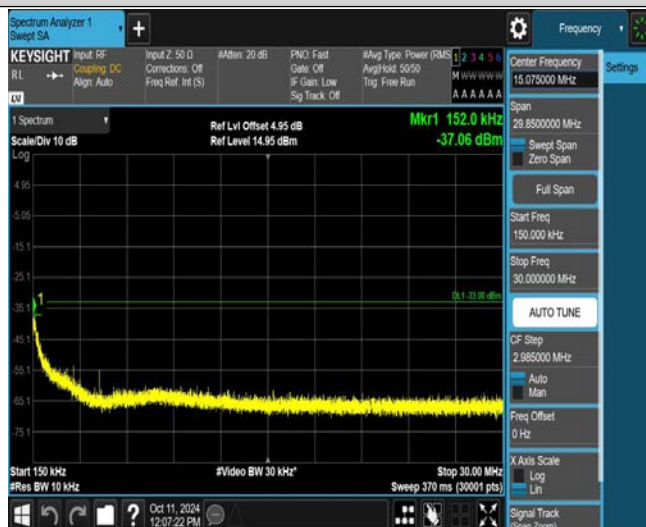
Band5-4233-4-1000~3000MHz



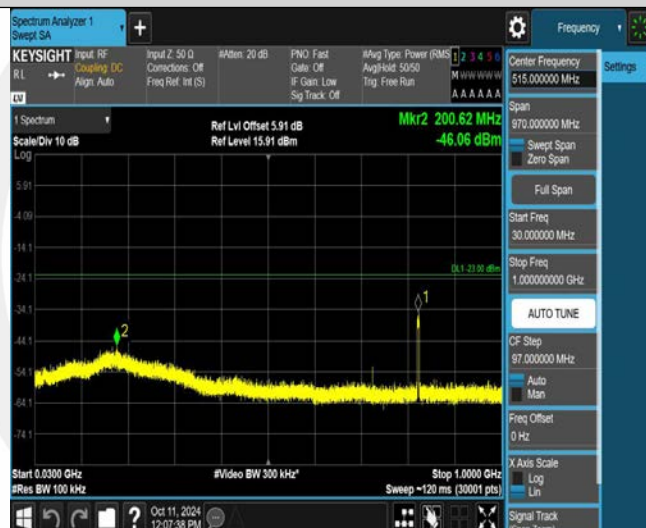
Band5-4233-4-3000~10000MHz



Band5-4132-1-0.15~30MHz



Band5-4132-1-30~1000MHz



Band5-4132-1-1000~3000MHz



Band5-4132-1-3000~10000MHz



Band5-4132-1-10000~18000MHz



Band5-4132-1-0.009~0.15MHz



Band5-4132-2-1000~3000MHz



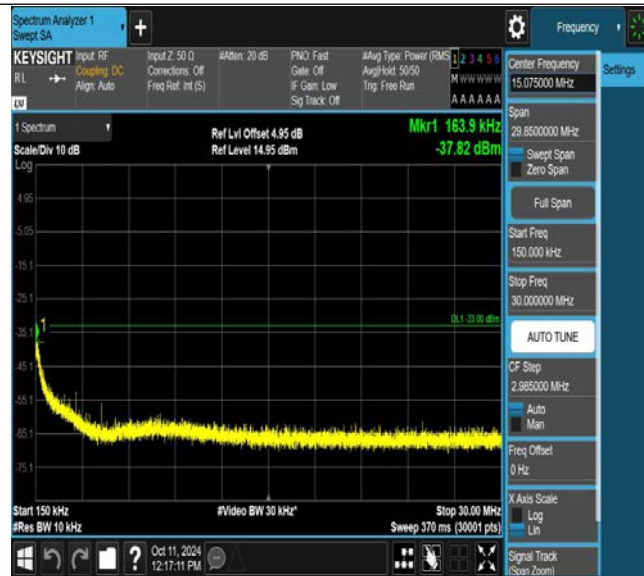
Band5-4132-2-3000~10000MHz



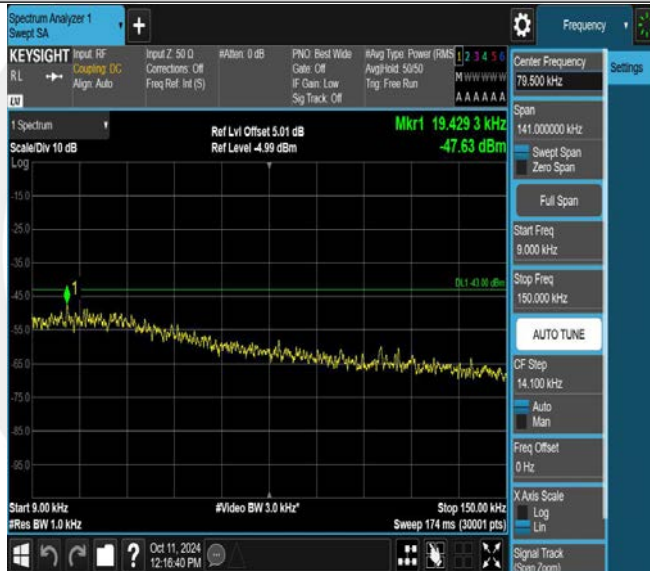
Band5-4132-2-30~1000MHz



Band5-4132-2-0.15~30MHz



Band5-4132-2-0.009~0.15MHz



Band5-4132-2-10000~18000MHz



Band5-4132-3-10000~18000MHz



Band5-4132-3-0.15~30MHz



Band5-4132-3-30~1000MHz



Band5-4132-3-0.009~0.15MHz



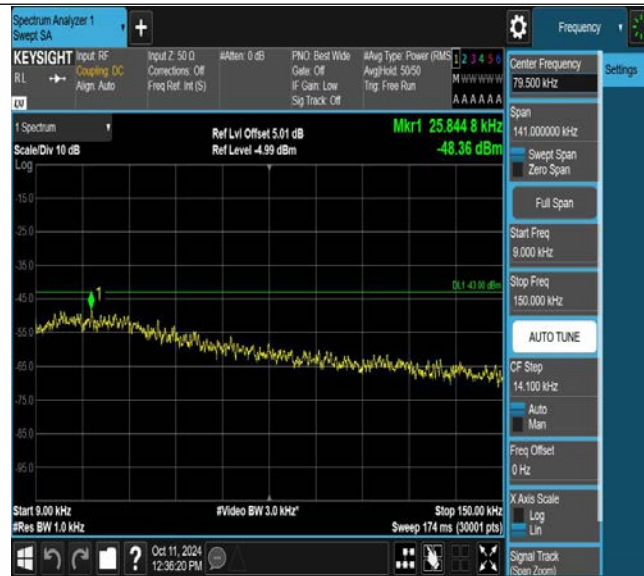
Band5-4132-3-3000~10000MHz



Band5-4132-3-1000~3000MHz



Band5-4132-4-0.009~0.15MHz



Band5-4132-4-0.15~30MHz



Band5-4132-4-30~1000MHz



Band5-4132-4-1000~3000MHz



Band5-4132-4-3000~10000MHz



Band5-4132-4-10000~18000MHz



Band5-4132-5-1000~3000MHz



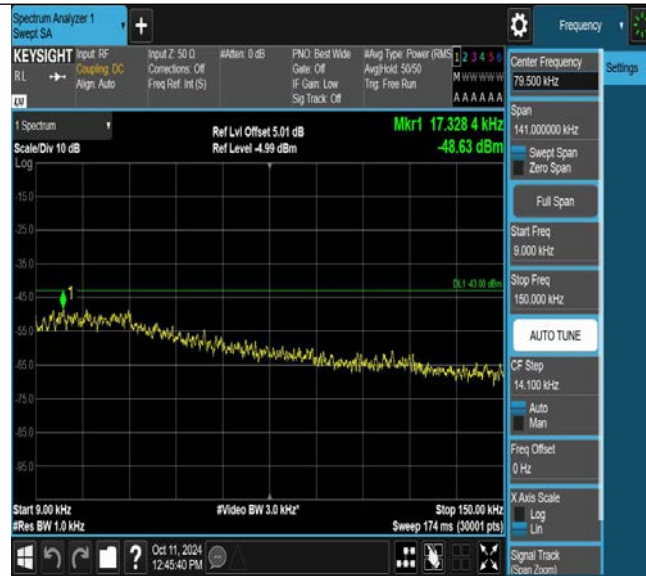
Band5-4132-5-10000~18000MHz



Band5-4132-5-3000~10000MHz



Band5-4132-5-0.009~0.15MHz



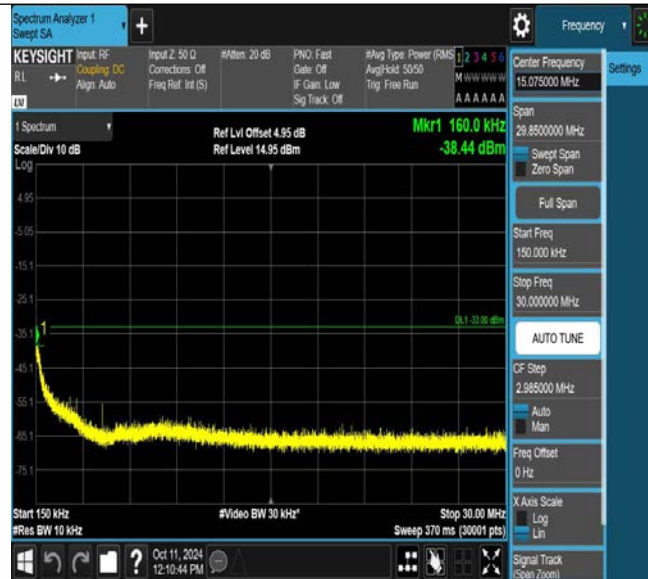
Band5-4132-5-30~1000MHz



Band5-4132-5-0.15~30MHz



Band5-4183-1-0.15~30MHz



Band5-4183-1-0.009~0.15MHz



Band5-4183-1-30~1000MHz



Band5-4183-1-1000~3000MHz



Band5-4183-1-3000~10000MHz



Band5-4183-1-10000~18000MHz



Band5-4183-2-1000~3000MHz



Band5-4183-2-3000~10000MHz



Band5-4183-2-30~1000MHz



Band5-4183-2-0.15~30MHz



Band5-4183-2-0.009~0.15MHz



Band5-4183-2-10000~18000MHz



Band5-4183-3-30~1000MHz



Band5-4183-3-0.009~0.15MHz



Band5-4183-3-1000~3000MHz



Band5-4183-3-3000~10000MHz



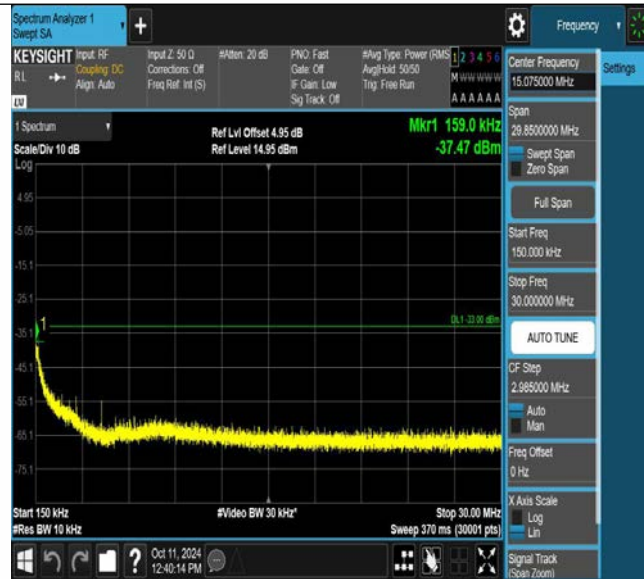
Band5-4183-3-10000~18000MHz



Band5-4183-3-0.15~30MHz



Band5-4183-4-0.15~30MHz



Band5-4183-4-10000~18000MHz



Band5-4183-4-3000~10000MHz



Band5-4183-4-30~1000MHz



Band5-4183-4-0.009~0.15MHz



Band5-4183-4-1000~3000MHz



Band5-4183-5-10000~18000MHz



Band5-4183-5-0.15~30MHz



Band5-4183-5-30~1000MHz



Band5-4183-5-1000~3000MHz



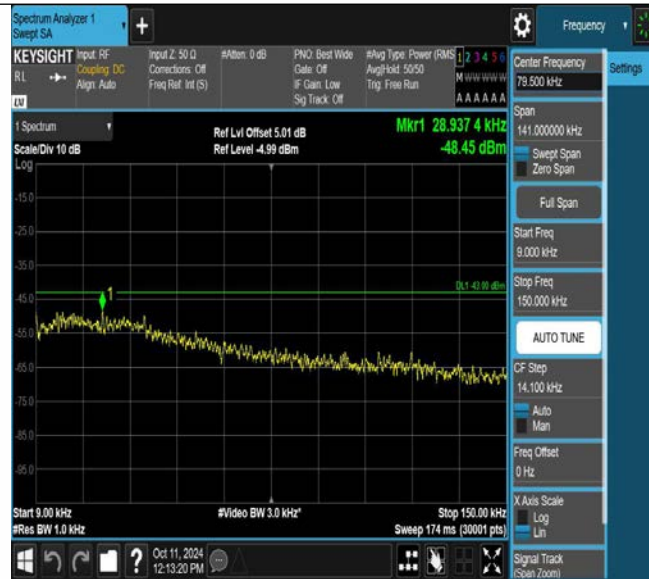
Band5-4183-5-3000~10000MHz



Band5-4183-5-0.009~0.15MHz



Band5-4233-1-0.009~0.15MHz



Band5-4233-1-0.15~30MHz



Band5-4233-1-30~1000MHz



Band5-4233-1-1000~3000MHz



Band5-4233-1-3000~10000MHz



Band5-4233-1-10000~18000MHz



Band5-4233-2-1000~3000MHz



Band5-4233-2-10000~18000MHz



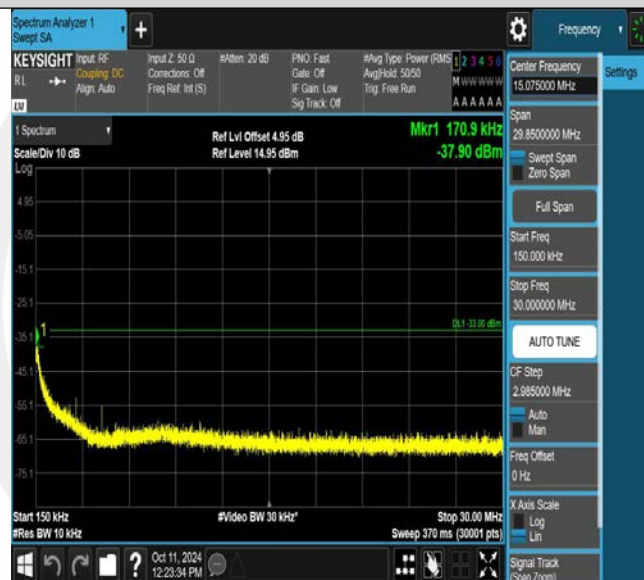
Band5-4233-2-3000~10000MHz



Band5-4233-2-30~1000MHz



Band5-4233-2-0.15~30MHz



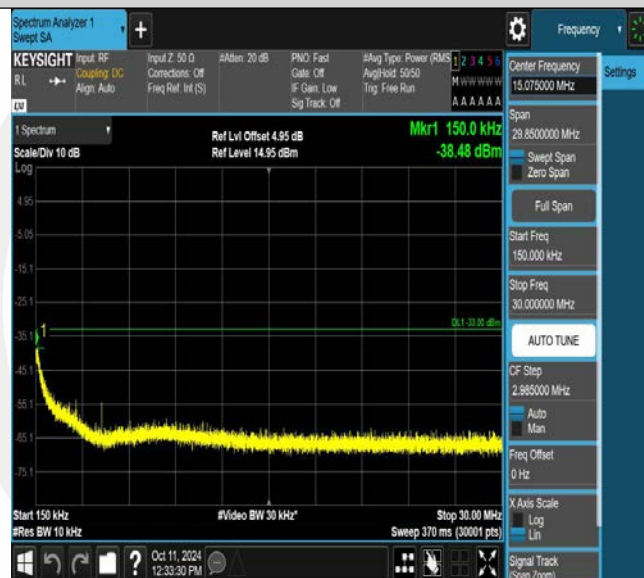
Band5-4233-2-0.009~0.15MHz



Band5-4233-3-3000~10000MHz



Band5-4233-3-0.15~30MHz



Band5-4233-3-10000~18000MHz



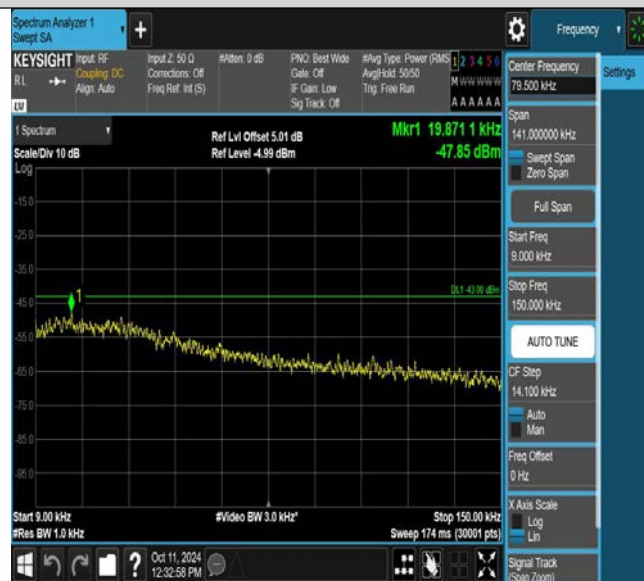
Band5-4233-3-30~1000MHz



Band5-4233-3-1000~3000MHz



Band5-4233-3-0.009~0.15MHz



Band5-4233-4-0.009~0.15MHz



Band5-4233-4-10000~18000MHz



Band5-4233-4-3000~10000MHz



Band5-4233-4-1000~3000MHz



Band5-4233-4-0.15~30MHz



Band5-4233-4-30~1000MHz



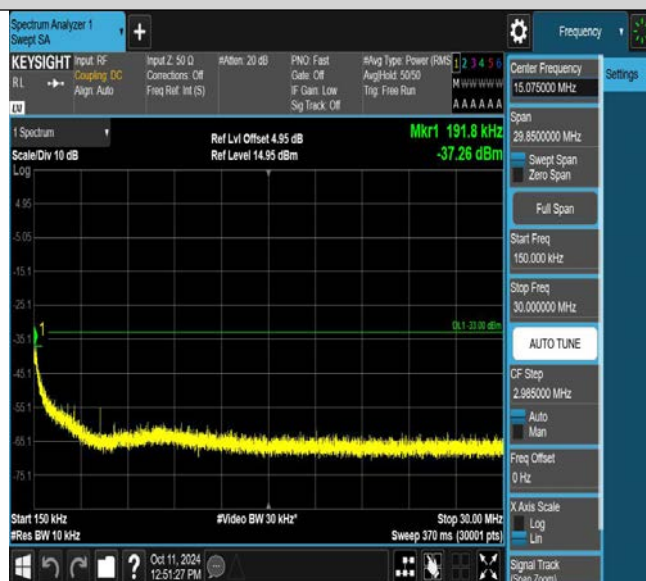
Band5-4233-5-10000~18000MHz



Band5-4233-5-0.009~0.15MHz



Band5-4233-5-0.15~30MHz



Band5-4233-5-30~1000MHz



Band5-4233-5-1000~3000MHz



Band5-4233-5-3000~10000MHz



Appendix F: Frequency Stability

Test Result

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	VL	NT	1.04	0.001258	±2.5	PASS
Band5	4132	VN	NT	1.07	0.001295	±2.5	PASS
Band5	4132	VH	NT	0.79	0.000956	±2.5	PASS
Band5	4183	VL	NT	-0.36	-0.000430	±2.5	PASS
Band5	4183	VN	NT	0.00	0.000000	±2.5	PASS
Band5	4183	VH	NT	-0.24	-0.000287	±2.5	PASS
Band5	4233	VL	NT	-1.67	-0.001973	±2.5	PASS
Band5	4233	VN	NT	-1.60	-0.001890	±2.5	PASS
Band5	4233	VH	NT	-1.78	-0.002103	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	NV	-30	1.03	0.001246	±2.5	PASS
Band5	4132	NV	-20	1.04	0.001258	±2.5	PASS
Band5	4132	NV	-10	1.32	0.001597	±2.5	PASS
Band5	4132	NV	0	0.98	0.001186	±2.5	PASS
Band5	4132	NV	10	1.08	0.001307	±2.5	PASS
Band5	4132	NV	20	1.31	0.001585	±2.5	PASS
Band5	4132	NV	30	0.99	0.001198	±2.5	PASS
Band5	4132	NV	40	1.13	0.001367	±2.5	PASS
Band5	4132	NV	50	1.19	0.001440	±2.5	PASS
Band5	4183	NV	-30	-0.38	-0.000454	±2.5	PASS
Band5	4183	NV	-20	-0.49	-0.000586	±2.5	PASS
Band5	4183	NV	-10	-0.26	-0.000311	±2.5	PASS
Band5	4183	NV	0	-0.20	-0.000239	±2.5	PASS
Band5	4183	NV	10	-0.16	-0.000191	±2.5	PASS
Band5	4183	NV	20	-0.41	-0.000490	±2.5	PASS
Band5	4183	NV	30	-0.14	-0.000167	±2.5	PASS
Band5	4183	NV	40	-0.21	-0.000251	±2.5	PASS
Band5	4183	NV	50	-0.43	-0.000514	±2.5	PASS

Band5	4233	NV	-30	-1.54	-0.001819	±2.5	PASS
Band5	4233	NV	-20	-1.54	-0.001819	±2.5	PASS
Band5	4233	NV	-10	-1.76	-0.002079	±2.5	PASS
Band5	4233	NV	0	-1.56	-0.001843	±2.5	PASS
Band5	4233	NV	10	-1.65	-0.001949	±2.5	PASS
Band5	4233	NV	20	-1.73	-0.002043	±2.5	PASS
Band5	4233	NV	30	-1.72	-0.002032	±2.5	PASS
Band5	4233	NV	40	-1.51	-0.001784	±2.5	PASS
Band5	4233	NV	50	-1.52	-0.001795	±2.5	PASS



Voltage								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	1	VL	NT	-0.57	-0.000690	±2.5	PASS
Band5	4132	1	VN	NT	-0.67	-0.000811	±2.5	PASS
Band5	4132	1	VH	NT	0.02	0.000024	±2.5	PASS
Band5	4132	2	VL	NT	0.14	0.000169	±2.5	PASS
Band5	4132	2	VN	NT	0.91	0.001101	±2.5	PASS
Band5	4132	2	VH	NT	0.87	0.001053	±2.5	PASS
Band5	4132	3	VL	NT	1.10	0.001331	±2.5	PASS
Band5	4132	3	VN	NT	1.17	0.001416	±2.5	PASS
Band5	4132	3	VH	NT	0.79	0.000956	±2.5	PASS
Band5	4132	4	VL	NT	1.74	0.002106	±2.5	PASS
Band5	4132	4	VN	NT	0.82	0.000992	±2.5	PASS
Band5	4132	4	VH	NT	1.17	0.001416	±2.5	PASS
Band5	4183	1	VL	NT	1.77	0.002116	±2.5	PASS
Band5	4183	1	VN	NT	1.15	0.001375	±2.5	PASS
Band5	4183	1	VH	NT	1.53	0.001829	±2.5	PASS
Band5	4183	2	VL	NT	0.84	0.001004	±2.5	PASS
Band5	4183	2	VN	NT	1.00	0.001195	±2.5	PASS
Band5	4183	2	VH	NT	0.79	0.000944	±2.5	PASS
Band5	4183	3	VL	NT	1.24	0.001482	±2.5	PASS
Band5	4183	3	VN	NT	1.04	0.001243	±2.5	PASS
Band5	4183	3	VH	NT	1.15	0.001375	±2.5	PASS
Band5	4183	4	VL	NT	0.92	0.001100	±2.5	PASS
Band5	4183	4	VN	NT	1.18	0.001410	±2.5	PASS
Band5	4183	4	VH	NT	1.00	0.001195	±2.5	PASS
Band5	4233	1	VL	NT	1.16	0.001370	±2.5	PASS
Band5	4233	1	VN	NT	1.32	0.001559	±2.5	PASS
Band5	4233	1	VH	NT	1.12	0.001323	±2.5	PASS
Band5	4233	2	VL	NT	1.14	0.001347	±2.5	PASS
Band5	4233	2	VN	NT	1.36	0.001606	±2.5	PASS
Band5	4233	2	VH	NT	1.60	0.001890	±2.5	PASS
Band5	4233	3	VL	NT	1.12	0.001323	±2.5	PASS
Band5	4233	3	VN	NT	1.25	0.001476	±2.5	PASS
Band5	4233	3	VH	NT	1.49	0.001760	±2.5	PASS

Band5	4233	4	VL	NT	1.32	0.001559	±2.5	PASS
Band5	4233	4	VN	NT	1.35	0.001595	±2.5	PASS
Band5	4233	4	VH	NT	1.40	0.001654	±2.5	PASS

Temperature								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	1	NV	-30	-0.52	-0.000629	±2.5	PASS
Band5	4132	1	NV	-20	-0.32	-0.000387	±2.5	PASS
Band5	4132	1	NV	-10	-0.14	-0.000169	±2.5	PASS
Band5	4132	1	NV	0	0.24	0.000290	±2.5	PASS
Band5	4132	1	NV	10	0.08	0.000097	±2.5	PASS
Band5	4132	1	NV	20	0.12	0.000145	±2.5	PASS
Band5	4132	1	NV	30	1.11	0.001343	±2.5	PASS
Band5	4132	1	NV	40	0.34	0.000411	±2.5	PASS
Band5	4132	1	NV	50	1.26	0.001525	±2.5	PASS
Band5	4132	2	NV	-30	0.39	0.000472	±2.5	PASS
Band5	4132	2	NV	-20	0.92	0.001113	±2.5	PASS
Band5	4132	2	NV	-10	0.64	0.000774	±2.5	PASS
Band5	4132	2	NV	0	1.39	0.001682	±2.5	PASS
Band5	4132	2	NV	10	0.43	0.000520	±2.5	PASS
Band5	4132	2	NV	20	1.02	0.001234	±2.5	PASS
Band5	4132	2	NV	30	0.64	0.000774	±2.5	PASS
Band5	4132	2	NV	40	1.11	0.001343	±2.5	PASS
Band5	4132	2	NV	50	1.06	0.001283	±2.5	PASS
Band5	4132	3	NV	-30	1.77	0.002142	±2.5	PASS
Band5	4132	3	NV	-20	1.86	0.002251	±2.5	PASS
Band5	4132	3	NV	-10	1.12	0.001355	±2.5	PASS
Band5	4132	3	NV	0	1.97	0.002384	±2.5	PASS
Band5	4132	3	NV	10	0.83	0.001004	±2.5	PASS
Band5	4132	3	NV	20	1.39	0.001682	±2.5	PASS
Band5	4132	3	NV	30	1.26	0.001525	±2.5	PASS
Band5	4132	3	NV	40	0.87	0.001053	±2.5	PASS
Band5	4132	3	NV	50	0.77	0.000932	±2.5	PASS
Band5	4132	4	NV	-30	1.36	0.001646	±2.5	PASS
Band5	4132	4	NV	-20	1.54	0.001864	±2.5	PASS

Band5	4132	4	NV	-10	1.40	0.001694	±2.5	PASS
Band5	4132	4	NV	0	1.30	0.001573	±2.5	PASS
Band5	4132	4	NV	10	1.82	0.002202	±2.5	PASS
Band5	4132	4	NV	20	1.72	0.002081	±2.5	PASS
Band5	4132	4	NV	30	1.11	0.001343	±2.5	PASS
Band5	4132	4	NV	40	1.08	0.001307	±2.5	PASS
Band5	4132	4	NV	50	0.73	0.000883	±2.5	PASS
Band5	4183	1	NV	-30	1.00	0.001195	±2.5	PASS
Band5	4183	1	NV	-20	1.70	0.002032	±2.5	PASS
Band5	4183	1	NV	-10	0.55	0.000657	±2.5	PASS
Band5	4183	1	NV	0	0.86	0.001028	±2.5	PASS
Band5	4183	1	NV	10	1.28	0.001530	±2.5	PASS
Band5	4183	1	NV	20	0.96	0.001148	±2.5	PASS
Band5	4183	1	NV	30	1.66	0.001984	±2.5	PASS
Band5	4183	1	NV	40	1.66	0.001984	±2.5	PASS
Band5	4183	1	NV	50	0.79	0.000944	±2.5	PASS
Band5	4183	2	NV	-30	0.76	0.000908	±2.5	PASS
Band5	4183	2	NV	-20	1.04	0.001243	±2.5	PASS
Band5	4183	2	NV	-10	1.31	0.001566	±2.5	PASS
Band5	4183	2	NV	0	0.77	0.000920	±2.5	PASS
Band5	4183	2	NV	10	1.22	0.001458	±2.5	PASS
Band5	4183	2	NV	20	1.27	0.001518	±2.5	PASS
Band5	4183	2	NV	30	1.14	0.001363	±2.5	PASS
Band5	4183	2	NV	40	1.07	0.001279	±2.5	PASS
Band5	4183	2	NV	50	1.37	0.001638	±2.5	PASS
Band5	4183	3	NV	-30	1.37	0.001638	±2.5	PASS
Band5	4183	3	NV	-20	1.15	0.001375	±2.5	PASS
Band5	4183	3	NV	-10	1.34	0.001602	±2.5	PASS
Band5	4183	3	NV	0	0.76	0.000908	±2.5	PASS
Band5	4183	3	NV	10	1.17	0.001399	±2.5	PASS
Band5	4183	3	NV	20	1.12	0.001339	±2.5	PASS
Band5	4183	3	NV	30	1.15	0.001375	±2.5	PASS
Band5	4183	3	NV	40	1.08	0.001291	±2.5	PASS
Band5	4183	3	NV	50	0.96	0.001148	±2.5	PASS
Band5	4183	4	NV	-30	1.14	0.001363	±2.5	PASS
Band5	4183	4	NV	-20	1.05	0.001255	±2.5	PASS

Band5	4183	4	NV	-10	1.59	0.001901	±2.5	PASS
Band5	4183	4	NV	0	1.07	0.001279	±2.5	PASS
Band5	4183	4	NV	10	1.60	0.001913	±2.5	PASS
Band5	4183	4	NV	20	0.79	0.000944	±2.5	PASS
Band5	4183	4	NV	30	1.55	0.001853	±2.5	PASS
Band5	4183	4	NV	40	1.02	0.001219	±2.5	PASS
Band5	4183	4	NV	50	1.03	0.001231	±2.5	PASS
Band5	4233	1	NV	-30	1.43	0.001689	±2.5	PASS
Band5	4233	1	NV	-20	1.19	0.001406	±2.5	PASS
Band5	4233	1	NV	-10	1.17	0.001382	±2.5	PASS
Band5	4233	1	NV	0	0.62	0.000732	±2.5	PASS
Band5	4233	1	NV	10	1.15	0.001358	±2.5	PASS
Band5	4233	1	NV	20	1.30	0.001536	±2.5	PASS
Band5	4233	1	NV	30	0.94	0.001110	±2.5	PASS
Band5	4233	1	NV	40	1.61	0.001902	±2.5	PASS
Band5	4233	1	NV	50	1.60	0.001890	±2.5	PASS
Band5	4233	2	NV	-30	1.21	0.001429	±2.5	PASS
Band5	4233	2	NV	-20	1.25	0.001476	±2.5	PASS
Band5	4233	2	NV	-10	1.47	0.001736	±2.5	PASS
Band5	4233	2	NV	0	1.06	0.001252	±2.5	PASS
Band5	4233	2	NV	10	1.16	0.001370	±2.5	PASS
Band5	4233	2	NV	20	1.40	0.001654	±2.5	PASS
Band5	4233	2	NV	30	1.23	0.001453	±2.5	PASS
Band5	4233	2	NV	40	1.25	0.001476	±2.5	PASS
Band5	4233	2	NV	50	1.18	0.001394	±2.5	PASS
Band5	4233	3	NV	-30	1.16	0.001370	±2.5	PASS
Band5	4233	3	NV	-20	1.29	0.001524	±2.5	PASS
Band5	4233	3	NV	-10	1.39	0.001642	±2.5	PASS
Band5	4233	3	NV	0	0.93	0.001099	±2.5	PASS
Band5	4233	3	NV	10	1.52	0.001795	±2.5	PASS
Band5	4233	3	NV	20	1.57	0.001854	±2.5	PASS
Band5	4233	3	NV	30	1.34	0.001583	±2.5	PASS
Band5	4233	3	NV	40	1.25	0.001476	±2.5	PASS
Band5	4233	3	NV	50	1.25	0.001476	±2.5	PASS
Band5	4233	4	NV	-30	1.44	0.001701	±2.5	PASS
Band5	4233	4	NV	-20	1.75	0.002067	±2.5	PASS

Band5	4233	4	NV	-10	1.39	0.001642	±2.5	PASS
Band5	4233	4	NV	0	1.32	0.001559	±2.5	PASS
Band5	4233	4	NV	10	1.09	0.001288	±2.5	PASS
Band5	4233	4	NV	20	1.26	0.001488	±2.5	PASS
Band5	4233	4	NV	30	1.29	0.001524	±2.5	PASS
Band5	4233	4	NV	40	1.30	0.001536	±2.5	PASS
Band5	4233	4	NV	50	1.37	0.001618	±2.5	PASS



Voltage								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	1	VL	NT	1.83	0.002214	±2.5	PASS
Band5	4132	1	VN	NT	1.82	0.002202	±2.5	PASS
Band5	4132	1	VH	NT	1.32	0.001597	±2.5	PASS
Band5	4132	2	VL	NT	2.00	0.002420	±2.5	PASS
Band5	4132	2	VN	NT	2.13	0.002577	±2.5	PASS
Band5	4132	2	VH	NT	1.90	0.002299	±2.5	PASS
Band5	4132	3	VL	NT	2.31	0.002795	±2.5	PASS
Band5	4132	3	VN	NT	2.69	0.003255	±2.5	PASS
Band5	4132	3	VH	NT	1.17	0.001416	±2.5	PASS
Band5	4132	4	VL	NT	2.80	0.003388	±2.5	PASS
Band5	4132	4	VN	NT	3.80	0.004598	±2.5	PASS
Band5	4132	4	VH	NT	1.77	0.002142	±2.5	PASS
Band5	4132	5	VL	NT	3.00	0.003630	±2.5	PASS
Band5	4132	5	VN	NT	3.10	0.003751	±2.5	PASS
Band5	4132	5	VH	NT	1.80	0.002178	±2.5	PASS
Band5	4183	1	VL	NT	2.29	0.002737	±2.5	PASS
Band5	4183	1	VN	NT	1.61	0.001924	±2.5	PASS
Band5	4183	1	VH	NT	2.30	0.002749	±2.5	PASS
Band5	4183	2	VL	NT	3.50	0.004184	±2.5	PASS
Band5	4183	2	VN	NT	4.26	0.005092	±2.5	PASS
Band5	4183	2	VH	NT	3.95	0.004721	±2.5	PASS
Band5	4183	3	VL	NT	3.60	0.004303	±2.5	PASS
Band5	4183	3	VN	NT	4.42	0.005283	±2.5	PASS
Band5	4183	3	VH	NT	2.24	0.002678	±2.5	PASS
Band5	4183	4	VL	NT	1.70	0.002032	±2.5	PASS
Band5	4183	4	VN	NT	1.91	0.002283	±2.5	PASS
Band5	4183	4	VH	NT	2.00	0.002391	±2.5	PASS
Band5	4183	5	VL	NT	2.98	0.003562	±2.5	PASS
Band5	4183	5	VN	NT	1.17	0.001399	±2.5	PASS
Band5	4183	5	VH	NT	2.47	0.002952	±2.5	PASS
Band5	4233	1	VL	NT	4.33	0.005115	±2.5	PASS
Band5	4233	1	VN	NT	3.72	0.004394	±2.5	PASS
Band5	4233	1	VH	NT	2.32	0.002740	±2.5	PASS

Band5	4233	2	VL	NT	1.76	0.002079	±2.5	PASS
Band5	4233	2	VN	NT	1.57	0.001854	±2.5	PASS
Band5	4233	2	VH	NT	1.82	0.002150	±2.5	PASS
Band5	4233	3	VL	NT	1.72	0.002032	±2.5	PASS
Band5	4233	3	VN	NT	2.48	0.002929	±2.5	PASS
Band5	4233	3	VH	NT	1.62	0.001914	±2.5	PASS
Band5	4233	4	VL	NT	3.21	0.003792	±2.5	PASS
Band5	4233	4	VN	NT	2.16	0.002551	±2.5	PASS
Band5	4233	4	VH	NT	3.45	0.004075	±2.5	PASS
Band5	4233	5	VL	NT	1.61	0.001902	±2.5	PASS
Band5	4233	5	VN	NT	1.97	0.002327	±2.5	PASS
Band5	4233	5	VH	NT	1.37	0.001618	±2.5	PASS

Temperature								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	1	NV	-30	1.39	0.001682	±2.5	PASS
Band5	4132	1	NV	-20	1.47	0.001779	±2.5	PASS
Band5	4132	1	NV	-10	1.13	0.001367	±2.5	PASS
Band5	4132	1	NV	0	1.74	0.002106	±2.5	PASS
Band5	4132	1	NV	10	1.81	0.002190	±2.5	PASS
Band5	4132	1	NV	20	2.39	0.002892	±2.5	PASS
Band5	4132	1	NV	30	2.52	0.003049	±2.5	PASS
Band5	4132	1	NV	40	2.74	0.003316	±2.5	PASS
Band5	4132	1	NV	50	2.85	0.003449	±2.5	PASS
Band5	4132	2	NV	-30	1.73	0.002093	±2.5	PASS
Band5	4132	2	NV	-20	1.17	0.001416	±2.5	PASS
Band5	4132	2	NV	-10	2.41	0.002916	±2.5	PASS
Band5	4132	2	NV	0	1.80	0.002178	±2.5	PASS
Band5	4132	2	NV	10	1.82	0.002202	±2.5	PASS
Band5	4132	2	NV	20	2.57	0.003110	±2.5	PASS
Band5	4132	2	NV	30	2.19	0.002650	±2.5	PASS
Band5	4132	2	NV	40	1.69	0.002045	±2.5	PASS
Band5	4132	2	NV	50	1.24	0.001500	±2.5	PASS
Band5	4132	3	NV	-30	2.12	0.002565	±2.5	PASS
Band5	4132	3	NV	-20	2.35	0.002844	±2.5	PASS

Band5	4132	3	NV	-10	3.09	0.003739	±2.5	PASS
Band5	4132	3	NV	0	3.13	0.003788	±2.5	PASS
Band5	4132	3	NV	10	2.14	0.002590	±2.5	PASS
Band5	4132	3	NV	20	4.40	0.005324	±2.5	PASS
Band5	4132	3	NV	30	4.26	0.005155	±2.5	PASS
Band5	4132	3	NV	40	1.59	0.001924	±2.5	PASS
Band5	4132	3	NV	50	2.29	0.002771	±2.5	PASS
Band5	4132	4	NV	-30	1.54	0.001864	±2.5	PASS
Band5	4132	4	NV	-20	2.25	0.002723	±2.5	PASS
Band5	4132	4	NV	-10	2.71	0.003279	±2.5	PASS
Band5	4132	4	NV	0	2.00	0.002420	±2.5	PASS
Band5	4132	4	NV	10	2.59	0.003134	±2.5	PASS
Band5	4132	4	NV	20	2.77	0.003352	±2.5	PASS
Band5	4132	4	NV	30	1.64	0.001985	±2.5	PASS
Band5	4132	4	NV	40	1.80	0.002178	±2.5	PASS
Band5	4132	4	NV	50	1.53	0.001851	±2.5	PASS
Band5	4132	5	NV	-30	1.39	0.001682	±2.5	PASS
Band5	4132	5	NV	-20	2.91	0.003521	±2.5	PASS
Band5	4132	5	NV	-10	6.42	0.007769	±2.5	PASS
Band5	4132	5	NV	0	2.22	0.002686	±2.5	PASS
Band5	4132	5	NV	10	3.63	0.004393	±2.5	PASS
Band5	4132	5	NV	20	2.07	0.002505	±2.5	PASS
Band5	4132	5	NV	30	2.66	0.003219	±2.5	PASS
Band5	4132	5	NV	40	2.65	0.003207	±2.5	PASS
Band5	4132	5	NV	50	3.06	0.003703	±2.5	PASS
Band5	4183	1	NV	-30	3.81	0.004554	±2.5	PASS
Band5	4183	1	NV	-20	4.28	0.005116	±2.5	PASS
Band5	4183	1	NV	-10	2.07	0.002474	±2.5	PASS
Band5	4183	1	NV	0	2.07	0.002474	±2.5	PASS
Band5	4183	1	NV	10	1.60	0.001913	±2.5	PASS
Band5	4183	1	NV	20	2.70	0.003227	±2.5	PASS
Band5	4183	1	NV	30	3.26	0.003897	±2.5	PASS
Band5	4183	1	NV	40	4.96	0.005929	±2.5	PASS
Band5	4183	1	NV	50	4.38	0.005235	±2.5	PASS
Band5	4183	2	NV	-30	5.74	0.006861	±2.5	PASS
Band5	4183	2	NV	-20	8.28	0.009897	±2.5	PASS

Band5	4183	2	NV	-10	6.40	0.007650	±2.5	PASS
Band5	4183	2	NV	0	6.51	0.007781	±2.5	PASS
Band5	4183	2	NV	10	1.60	0.001913	±2.5	PASS
Band5	4183	2	NV	20	1.82	0.002175	±2.5	PASS
Band5	4183	2	NV	30	2.10	0.002510	±2.5	PASS
Band5	4183	2	NV	40	1.60	0.001913	±2.5	PASS
Band5	4183	2	NV	50	2.27	0.002713	±2.5	PASS
Band5	4183	3	NV	-30	1.89	0.002259	±2.5	PASS
Band5	4183	3	NV	-20	2.10	0.002510	±2.5	PASS
Band5	4183	3	NV	-10	3.93	0.004698	±2.5	PASS
Band5	4183	3	NV	0	2.07	0.002474	±2.5	PASS
Band5	4183	3	NV	10	3.45	0.004124	±2.5	PASS
Band5	4183	3	NV	20	2.00	0.002391	±2.5	PASS
Band5	4183	3	NV	30	2.08	0.002486	±2.5	PASS
Band5	4183	3	NV	40	1.74	0.002080	±2.5	PASS
Band5	4183	3	NV	50	2.15	0.002570	±2.5	PASS
Band5	4183	4	NV	-30	2.39	0.002857	±2.5	PASS
Band5	4183	4	NV	-20	1.44	0.001721	±2.5	PASS
Band5	4183	4	NV	-10	2.98	0.003562	±2.5	PASS
Band5	4183	4	NV	0	2.34	0.002797	±2.5	PASS
Band5	4183	4	NV	10	1.61	0.001924	±2.5	PASS
Band5	4183	4	NV	20	1.84	0.002199	±2.5	PASS
Band5	4183	4	NV	30	1.44	0.001721	±2.5	PASS
Band5	4183	4	NV	40	1.47	0.001757	±2.5	PASS
Band5	4183	4	NV	50	1.24	0.001482	±2.5	PASS
Band5	4183	5	NV	-30	4.80	0.005738	±2.5	PASS
Band5	4183	5	NV	-20	1.86	0.002223	±2.5	PASS
Band5	4183	5	NV	-10	3.05	0.003646	±2.5	PASS
Band5	4183	5	NV	0	1.72	0.002056	±2.5	PASS
Band5	4183	5	NV	10	2.39	0.002857	±2.5	PASS
Band5	4183	5	NV	20	1.91	0.002283	±2.5	PASS
Band5	4183	5	NV	30	3.98	0.004757	±2.5	PASS
Band5	4183	5	NV	40	4.14	0.004949	±2.5	PASS
Band5	4183	5	NV	50	1.99	0.002379	±2.5	PASS
Band5	4233	1	NV	-30	3.20	0.003780	±2.5	PASS
Band5	4233	1	NV	-20	5.09	0.006012	±2.5	PASS

Band5	4233	1	NV	-10	2.70	0.003189	±2.5	PASS
Band5	4233	1	NV	0	3.38	0.003992	±2.5	PASS
Band5	4233	1	NV	10	2.43	0.002870	±2.5	PASS
Band5	4233	1	NV	20	3.21	0.003792	±2.5	PASS
Band5	4233	1	NV	30	1.87	0.002209	±2.5	PASS
Band5	4233	1	NV	40	3.78	0.004465	±2.5	PASS
Band5	4233	1	NV	50	2.33	0.002752	±2.5	PASS
Band5	4233	2	NV	-30	2.02	0.002386	±2.5	PASS
Band5	4233	2	NV	-20	2.29	0.002705	±2.5	PASS
Band5	4233	2	NV	-10	2.00	0.002362	±2.5	PASS
Band5	4233	2	NV	0	1.78	0.002103	±2.5	PASS
Band5	4233	2	NV	10	2.93	0.003461	±2.5	PASS
Band5	4233	2	NV	20	3.40	0.004016	±2.5	PASS
Band5	4233	2	NV	30	3.75	0.004429	±2.5	PASS
Band5	4233	2	NV	40	3.70	0.004370	±2.5	PASS
Band5	4233	2	NV	50	2.44	0.002882	±2.5	PASS
Band5	4233	3	NV	-30	2.05	0.002421	±2.5	PASS
Band5	4233	3	NV	-20	1.75	0.002067	±2.5	PASS
Band5	4233	3	NV	-10	2.98	0.003520	±2.5	PASS
Band5	4233	3	NV	0	2.20	0.002599	±2.5	PASS
Band5	4233	3	NV	10	1.21	0.001429	±2.5	PASS
Band5	4233	3	NV	20	1.74	0.002055	±2.5	PASS
Band5	4233	3	NV	30	1.28	0.001512	±2.5	PASS
Band5	4233	3	NV	40	1.52	0.001795	±2.5	PASS
Band5	4233	3	NV	50	1.85	0.002185	±2.5	PASS
Band5	4233	4	NV	-30	2.83	0.003343	±2.5	PASS
Band5	4233	4	NV	-20	1.92	0.002268	±2.5	PASS
Band5	4233	4	NV	-10	1.84	0.002173	±2.5	PASS
Band5	4233	4	NV	0	1.77	0.002091	±2.5	PASS
Band5	4233	4	NV	10	1.62	0.001914	±2.5	PASS
Band5	4233	4	NV	20	1.62	0.001914	±2.5	PASS
Band5	4233	4	NV	30	2.12	0.002504	±2.5	PASS
Band5	4233	4	NV	40	3.03	0.003579	±2.5	PASS
Band5	4233	4	NV	50	2.07	0.002445	±2.5	PASS
Band5	4233	5	NV	-30	2.64	0.003118	±2.5	PASS
Band5	4233	5	NV	-20	1.91	0.002256	±2.5	PASS

Band5	4233	5	NV	-10	2.26	0.002670	±2.5	PASS
Band5	4233	5	NV	0	1.73	0.002043	±2.5	PASS
Band5	4233	5	NV	10	2.14	0.002528	±2.5	PASS
Band5	4233	5	NV	20	2.50	0.002953	±2.5	PASS
Band5	4233	5	NV	30	2.68	0.003166	±2.5	PASS
Band5	4233	5	NV	40	1.39	0.001642	±2.5	PASS
Band5	4233	5	NV	50	1.91	0.002256	±2.5	PASS

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