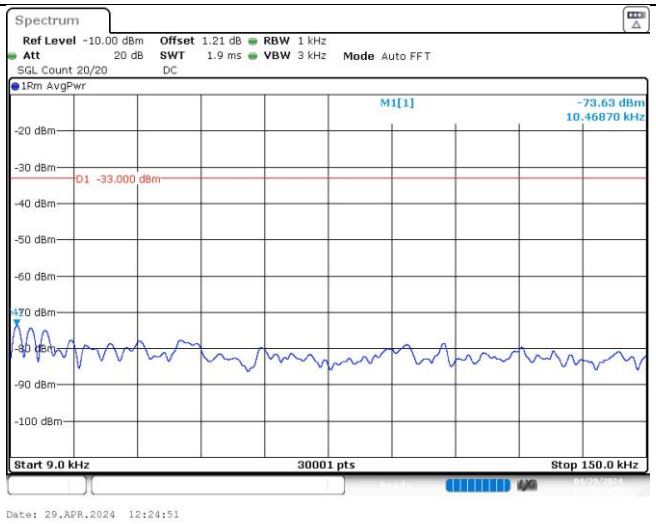
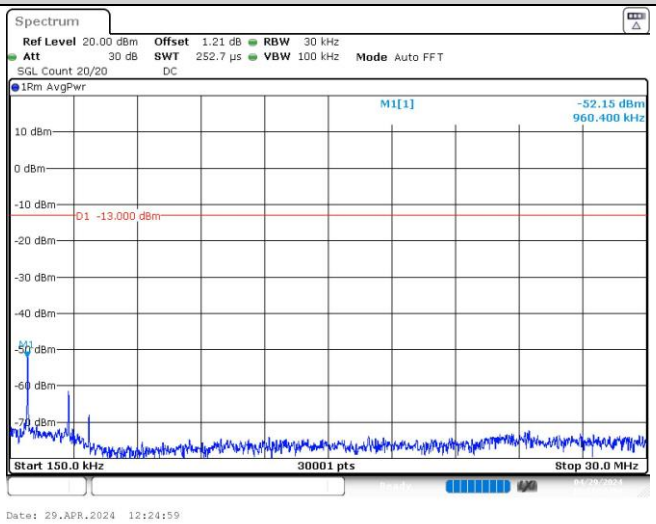
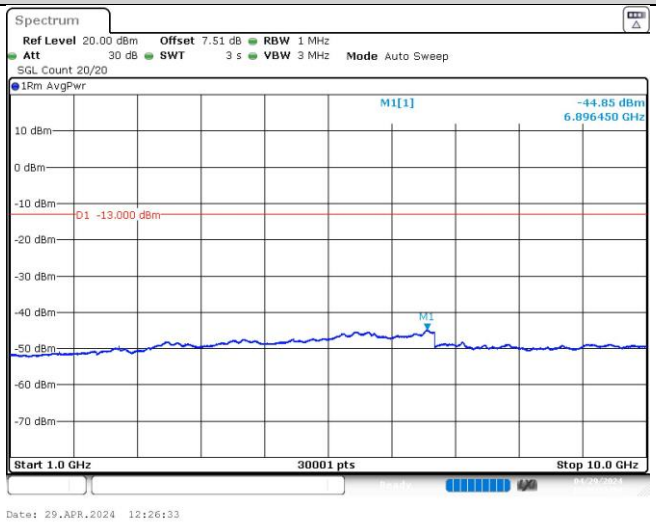


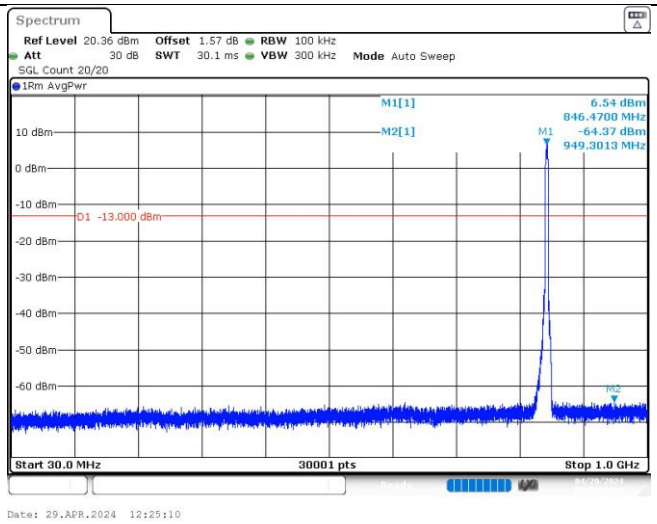
Band5-4233-2-0.15~30MHz



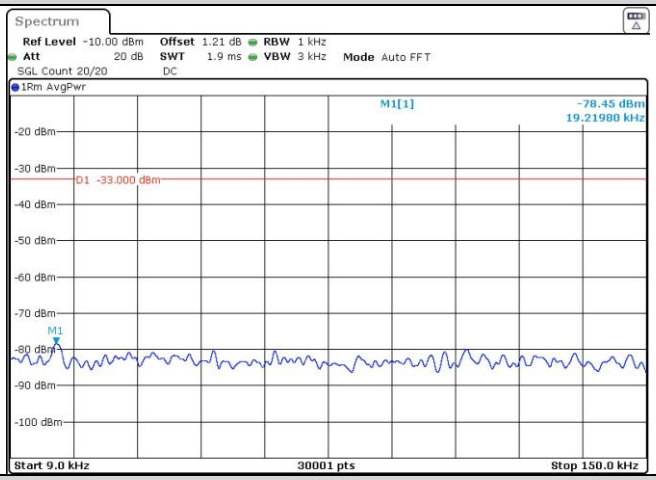
Band5-4233-2-1000~10000MHz



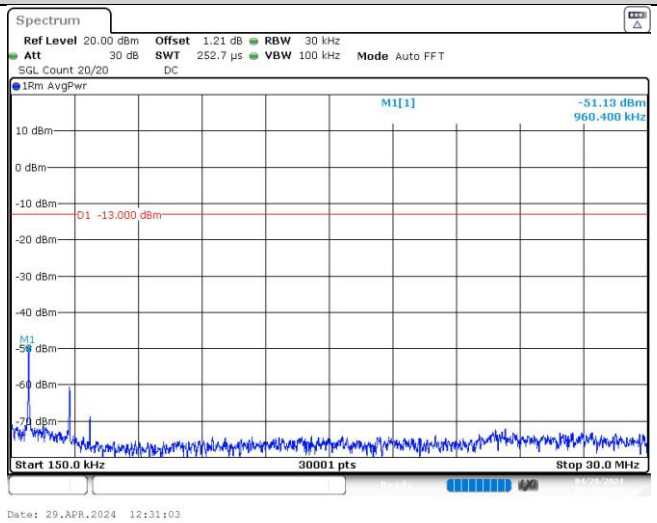
Band5-4233-2-30~1000MHz



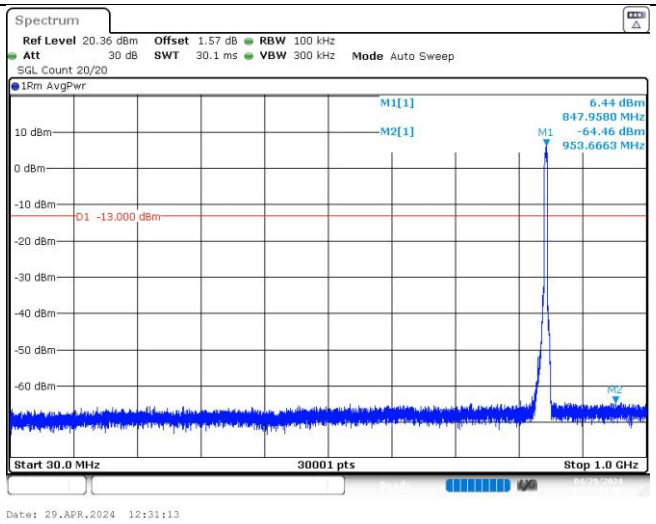
Band5-4233-3-0.009~0.15MHz



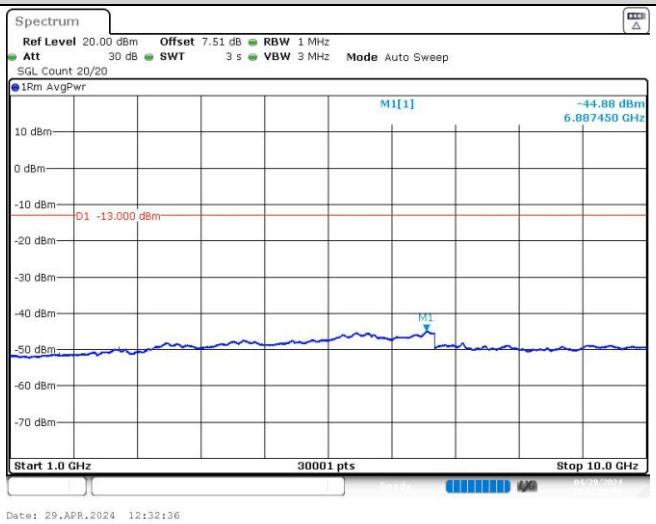
Band5-4233-3-0.15~30MHz



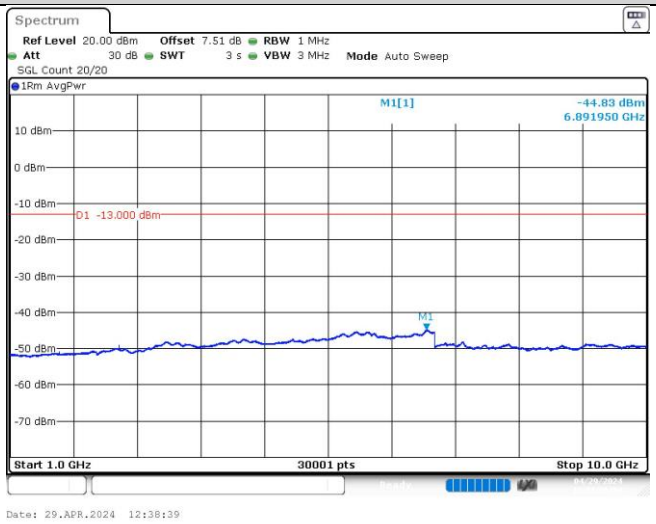
Band5-4233-3-30~1000MHz



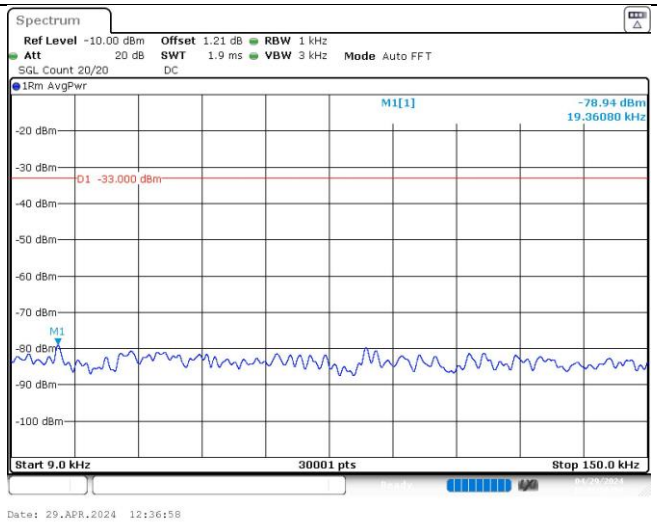
Band5-4233-3-1000~10000MHz



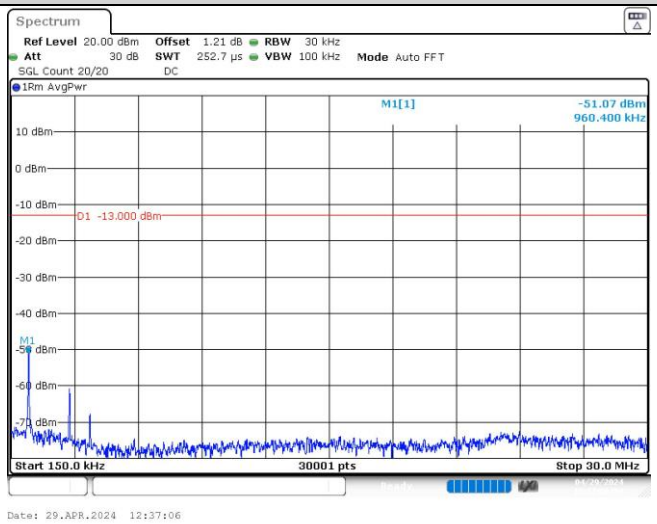
Band5-4233-4-1000~10000MHz



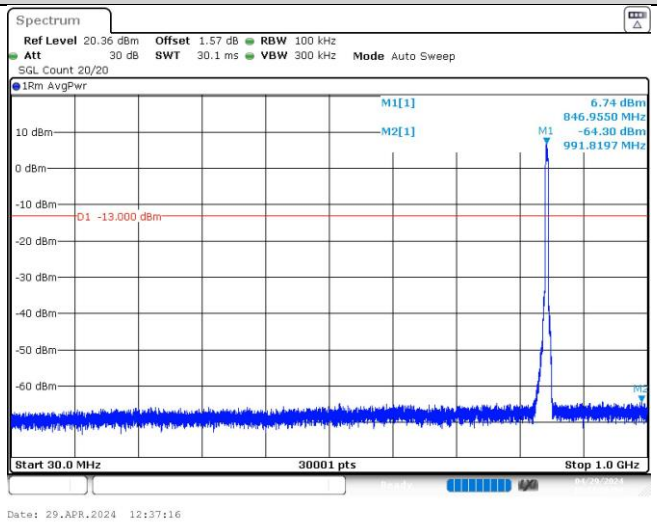
Band5-4233-4-0.009~0.15MHz



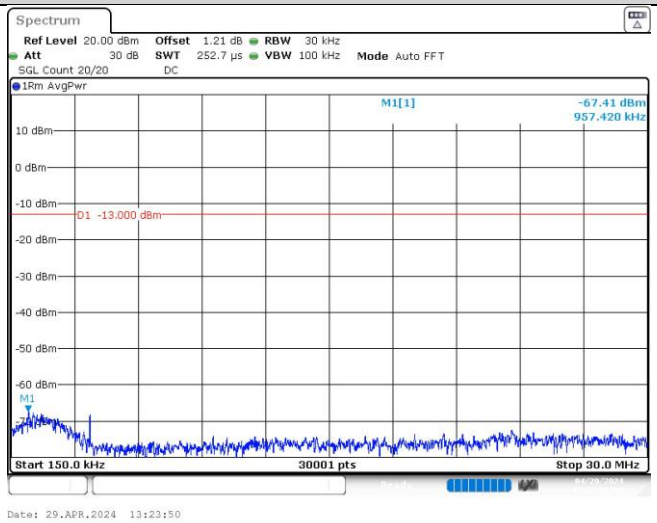
Band5-4233-4-0.15~30MHz



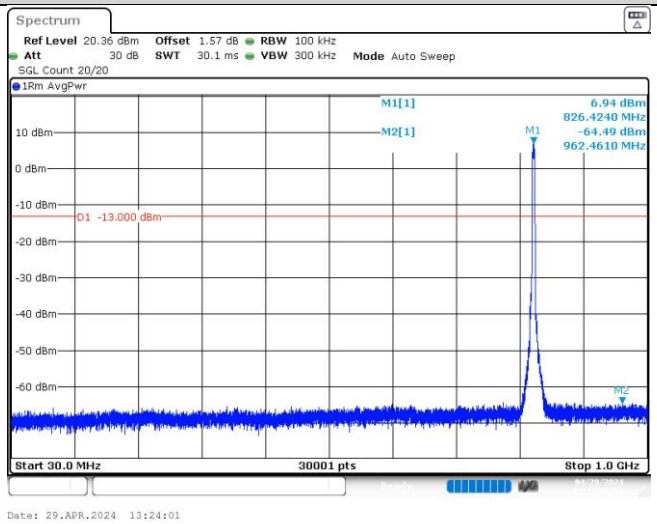
Band5-4233-4-30~1000MHz



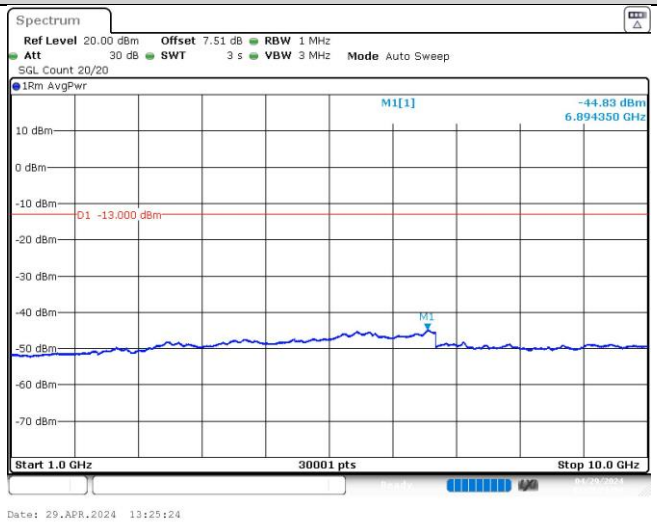
Band5-4132-1-0.15~30MHz



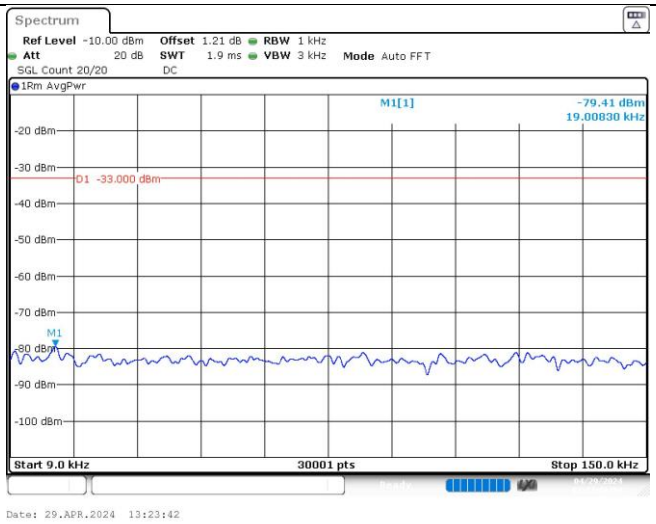
Band5-4132-1-30~1000MHz



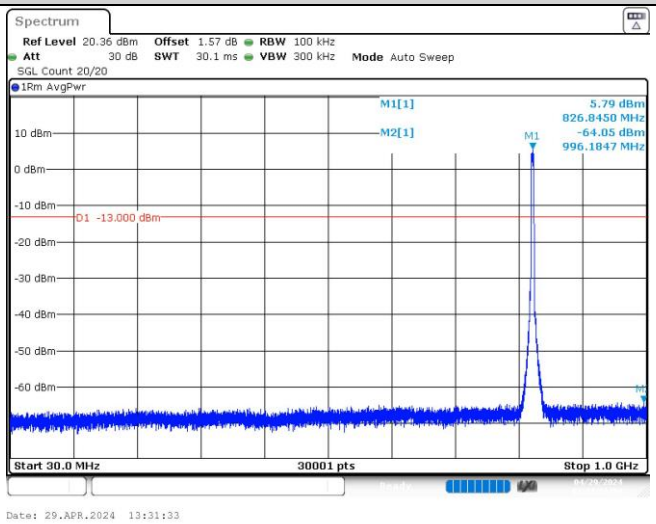
Band5-4132-1-1000~10000MHz



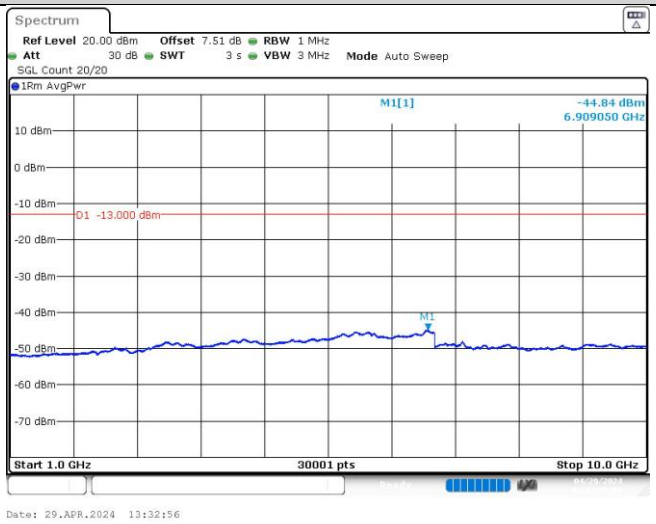
Band5-4132-1-0.009~0.15MHz



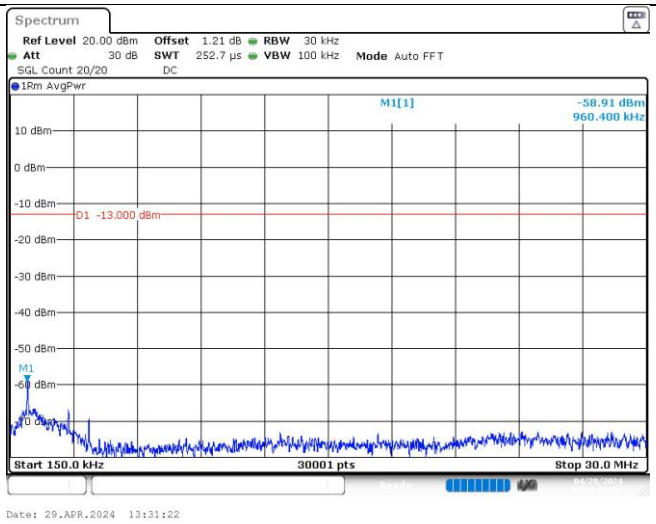
Band5-4132-2-30~1000MHz



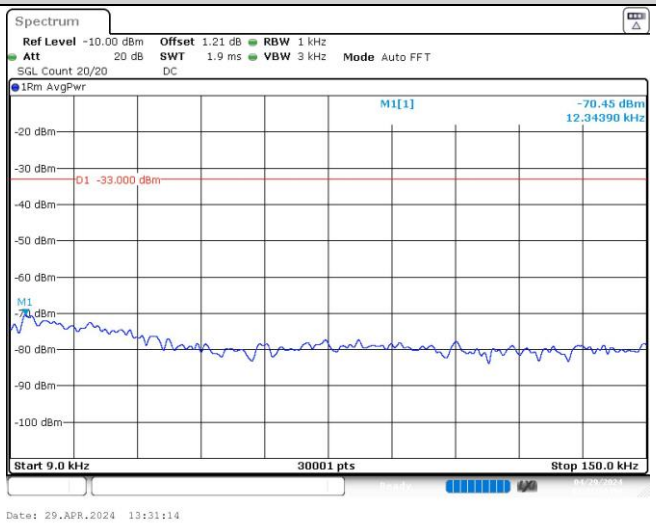
Band5-4132-2-1000~10000MHz



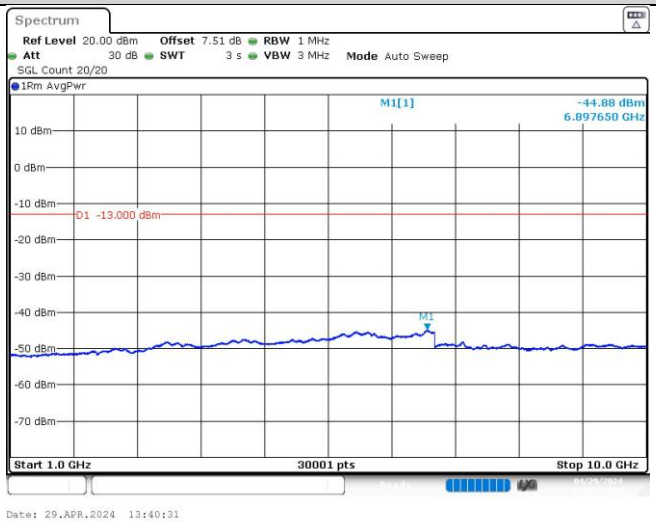
Band5-4132-2-0.15~30MHz



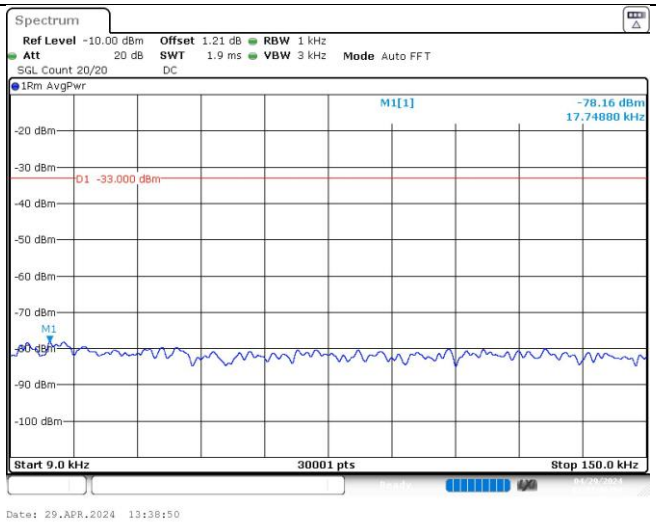
Band5-4132-2-0.009~0.15MHz



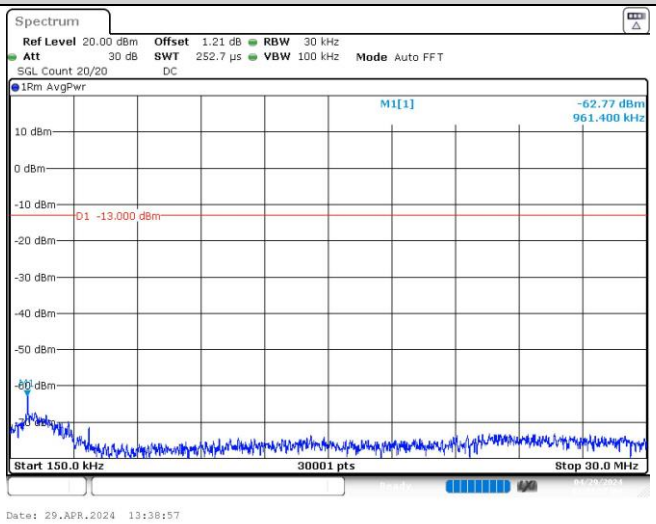
Band5-4132-3-1000~10000MHz



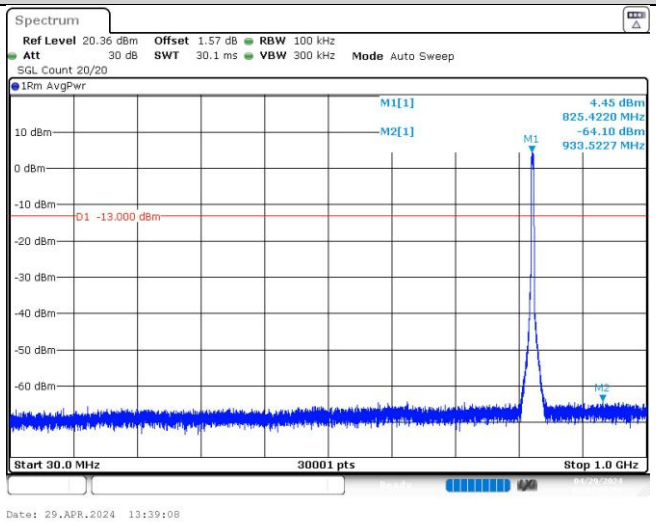
Band5-4132-3-0.009~0.15MHz



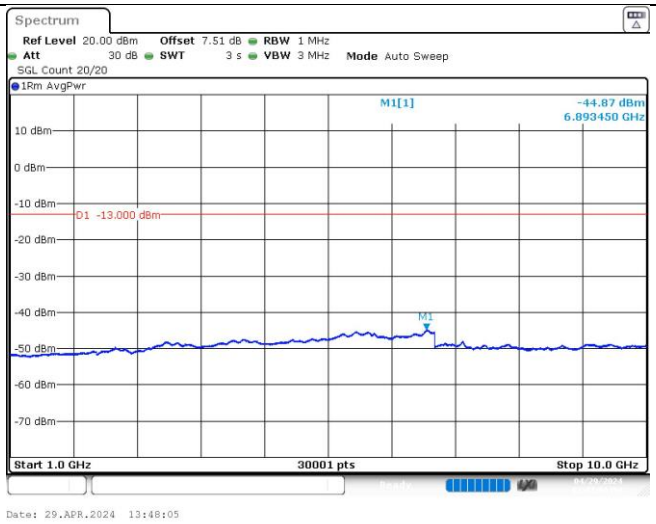
Band5-4132-3-0.15~30MHz



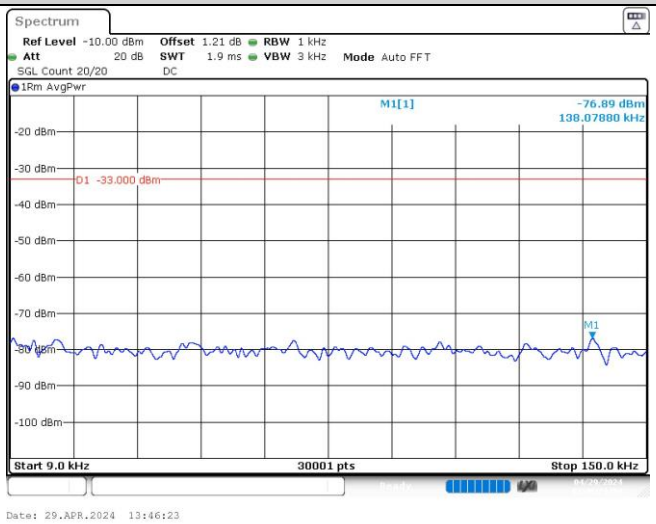
Band5-4132-3-30~1000MHz



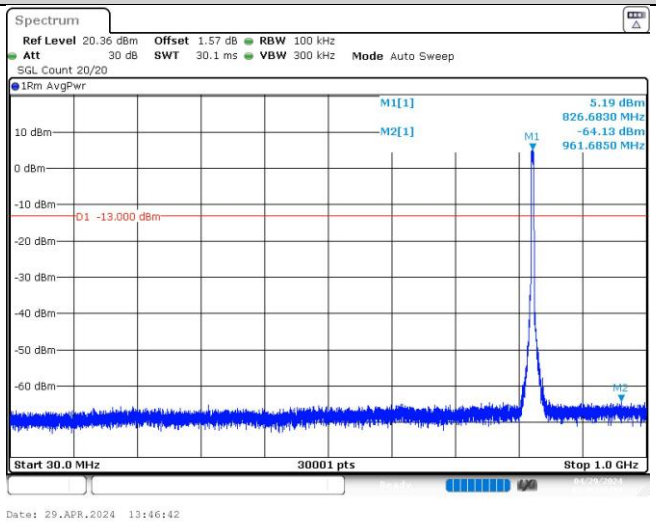
Band5-4132-4-1000~10000MHz



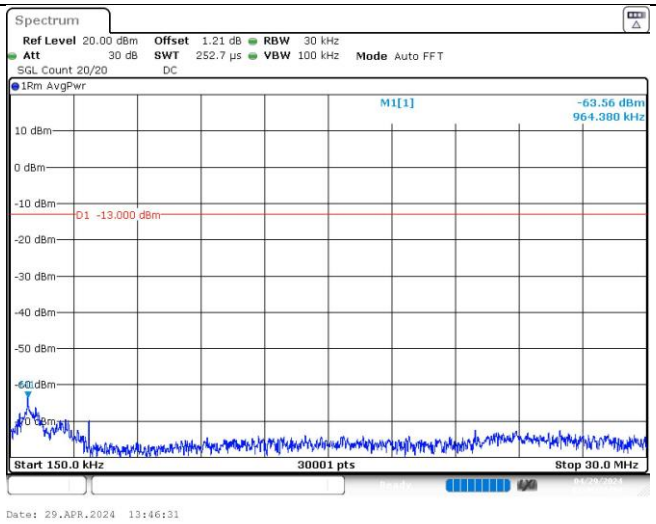
Band5-4132-4-0.009~0.15MHz



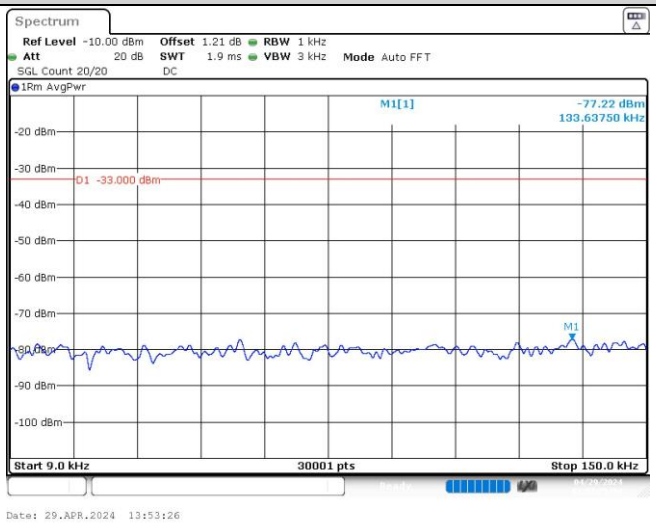
Band5-4132-4-30~1000MHz



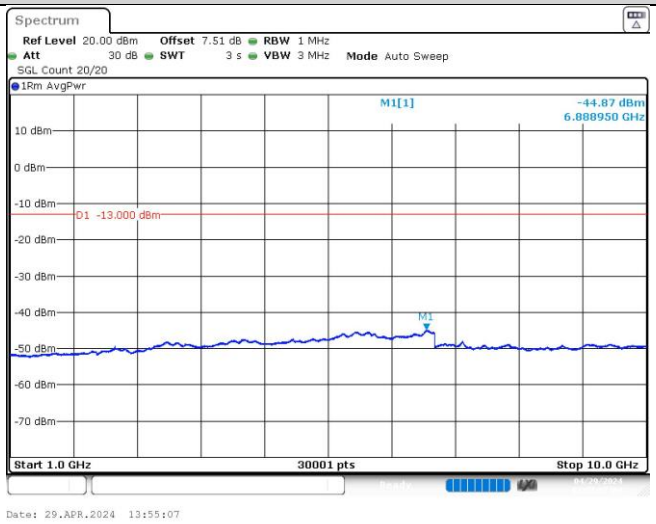
Band5-4132-4-0.15~30MHz



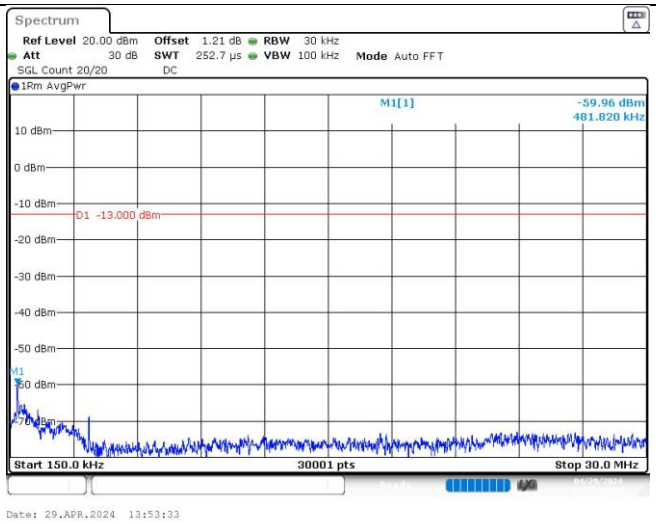
Band5-4132-5-0.009~0.15MHz



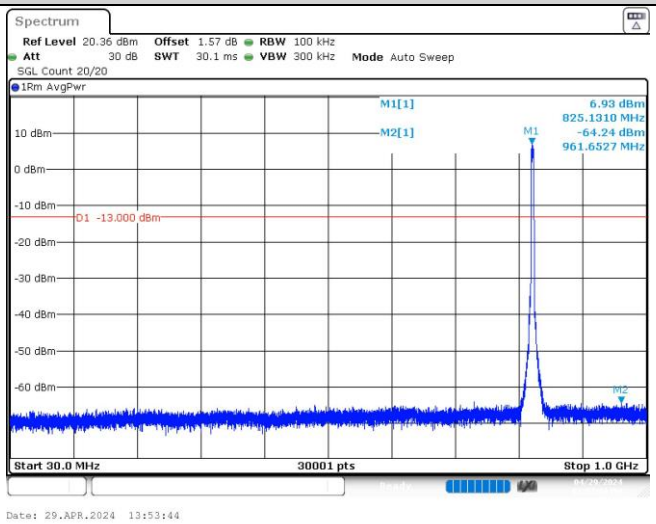
Band5-4132-5-1000~10000MHz



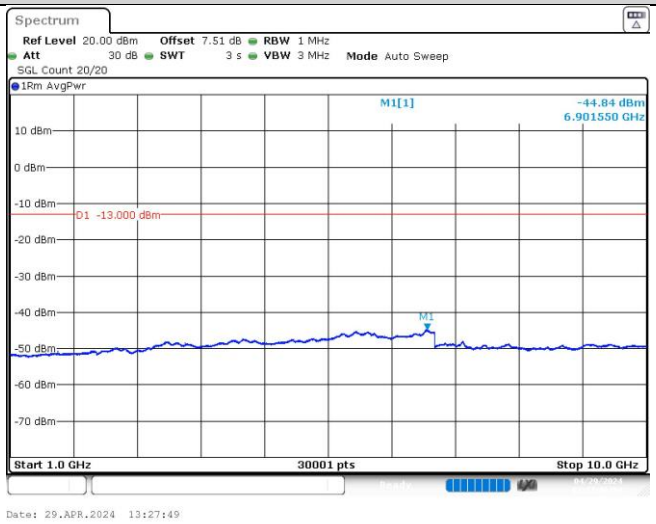
Band5-4132-5-0.15~30MHz



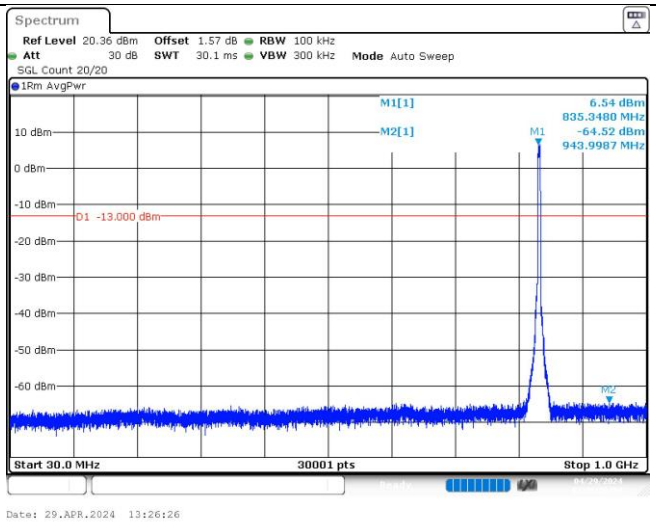
Band5-4132-5-30~1000MHz



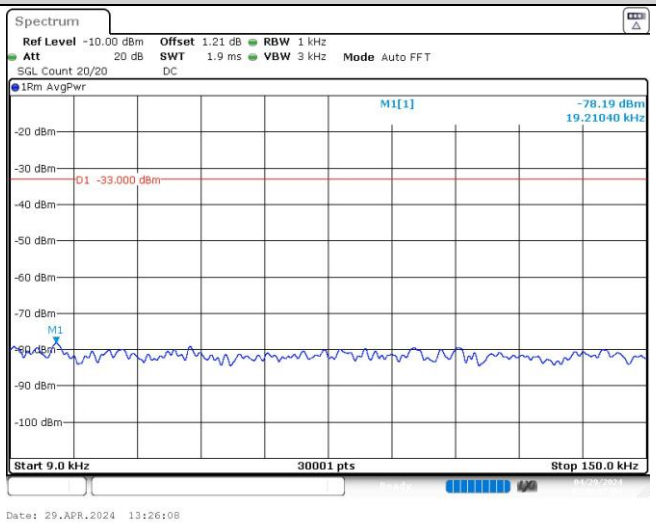
Band5-4182-1-1000~10000MHz



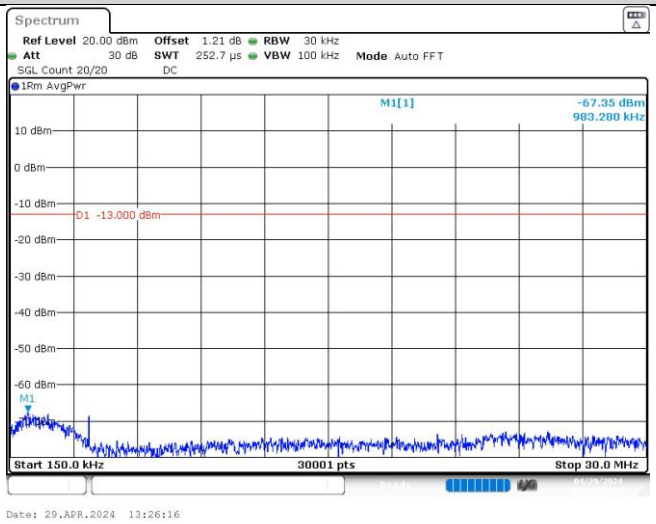
Band5-4182-1-30~1000MHz



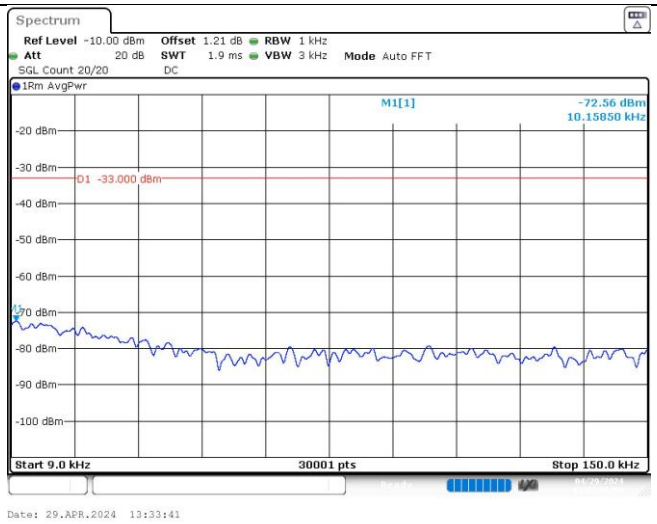
Band5-4182-1-0.009~0.15MHz



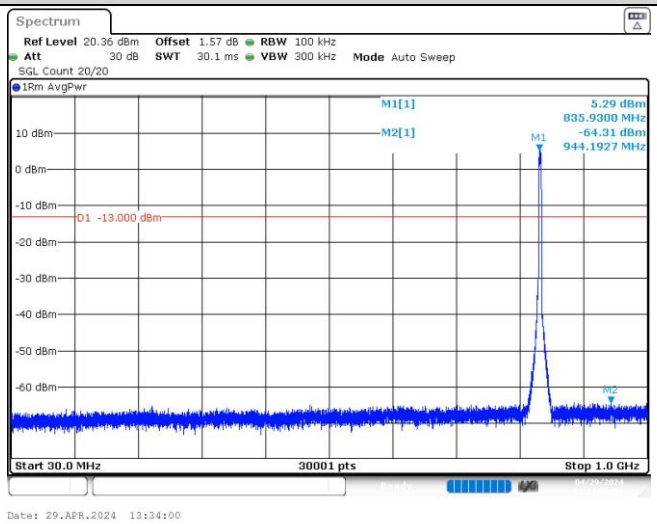
Band5-4182-1-0.15~30MHz



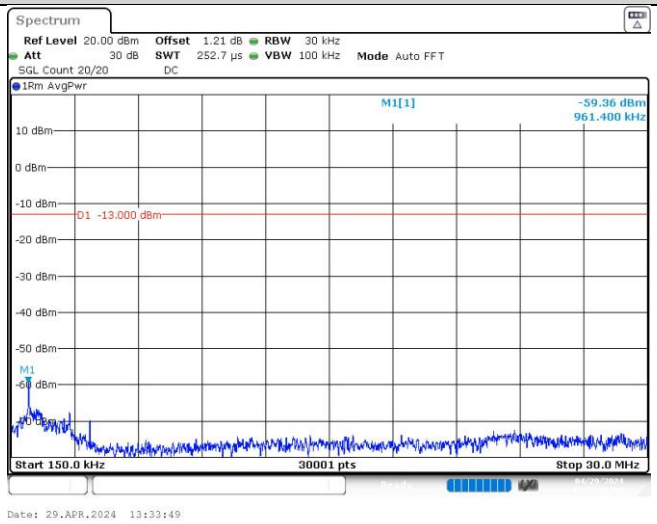
Band5-4182-2-0.009~0.15MHz



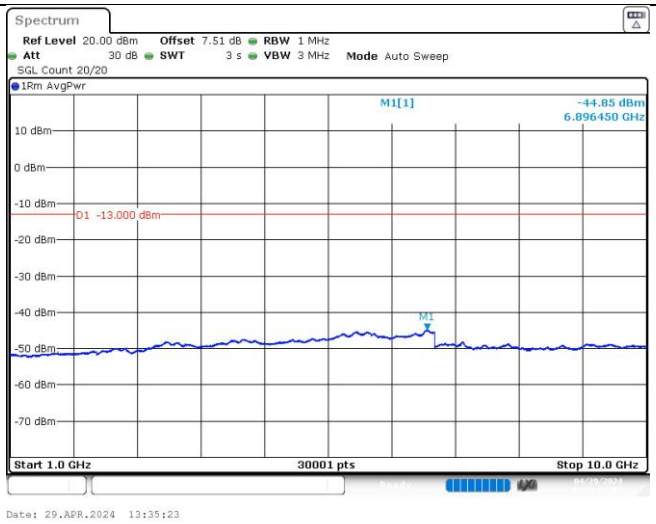
Band5-4182-2-30~1000MHz



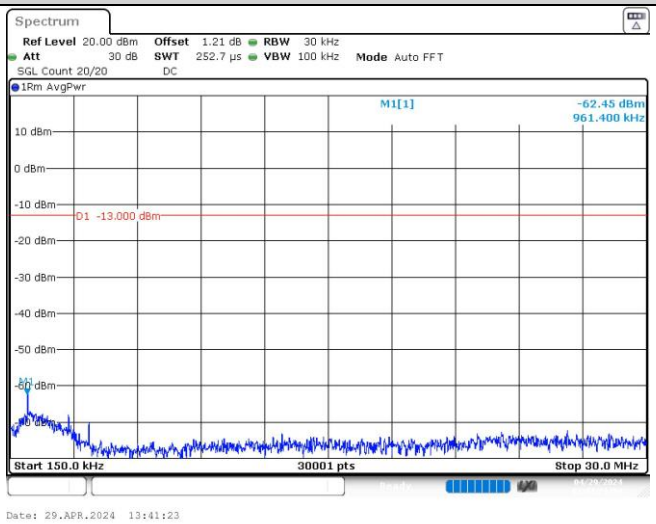
Band5-4182-2-0.15~30MHz



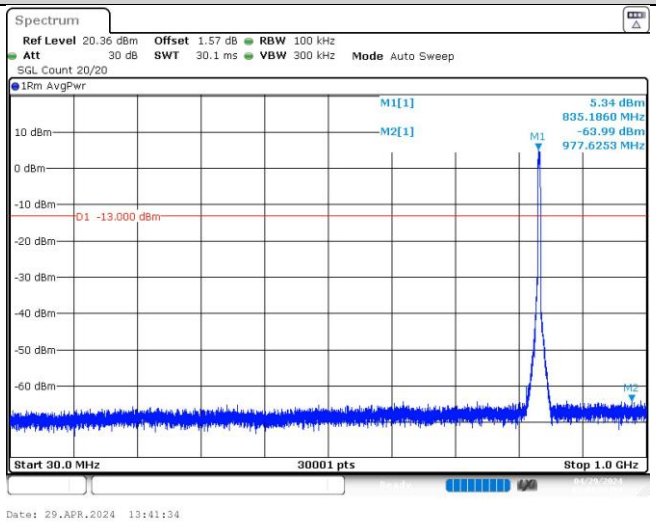
Band5-4182-2-1000~10000MHz



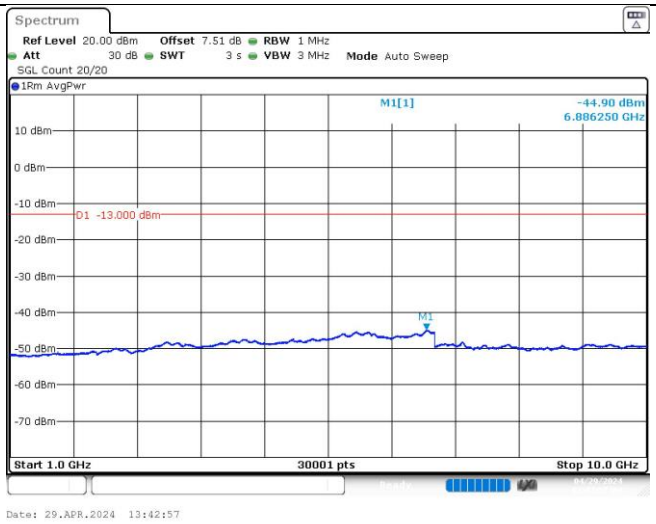
Band5-4182-3-0.15~30MHz



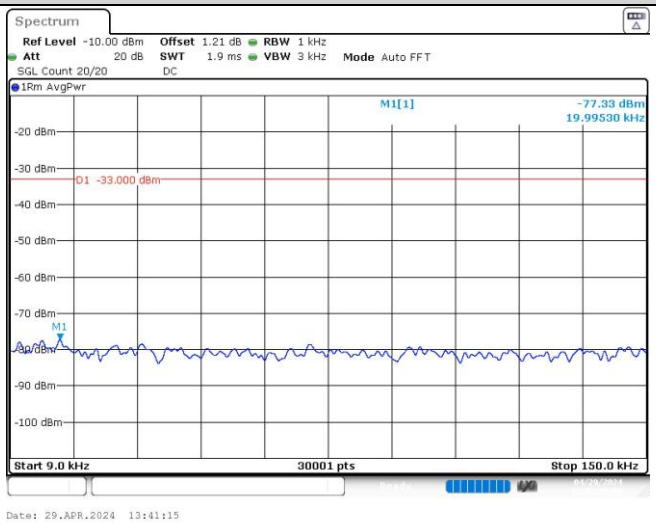
Band5-4182-3-30~1000MHz



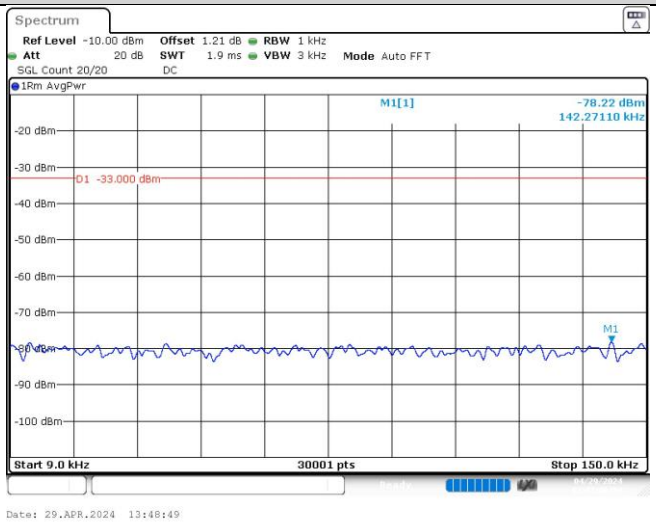
Band5-4182-3-1000~10000MHz



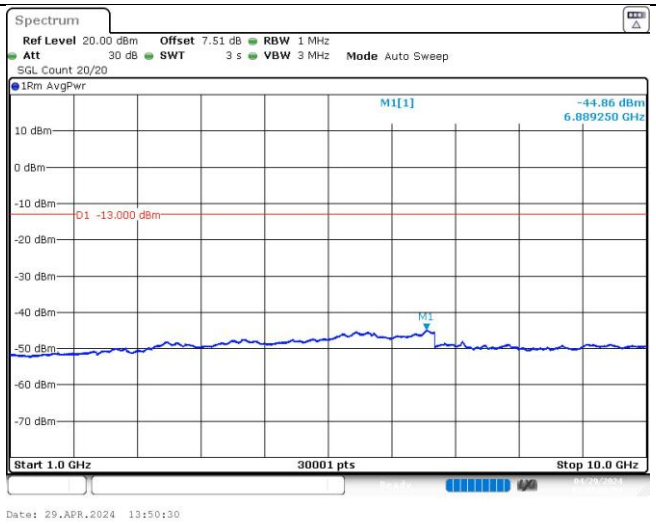
Band5-4182-3-0.009~0.15MHz



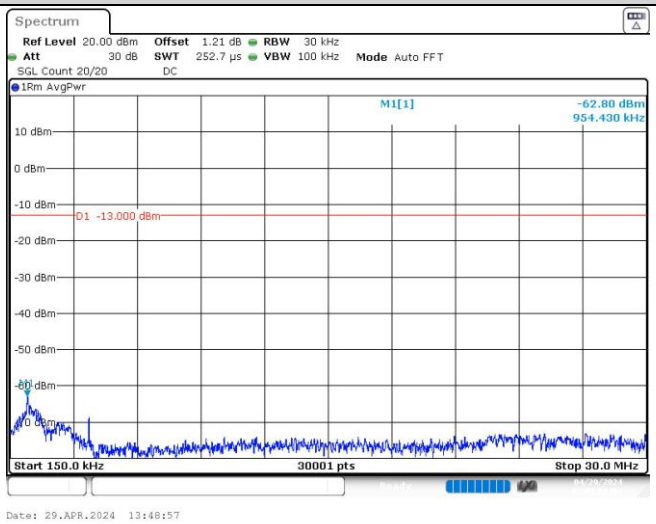
Band5-4182-4-0.009~0.15MHz



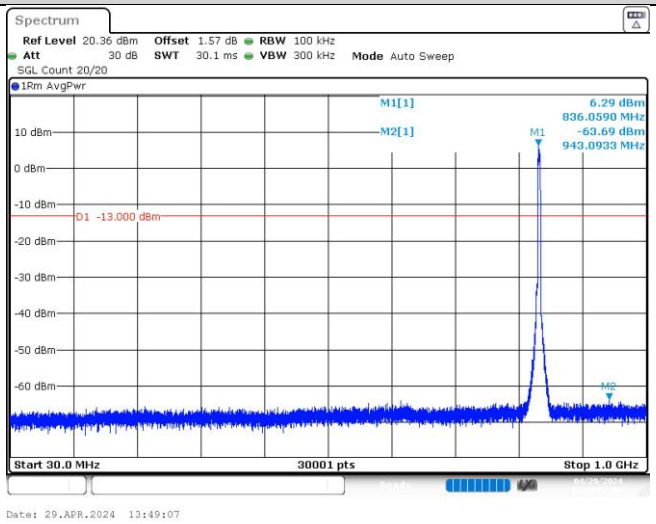
Band5-4182-4-1000~10000MHz



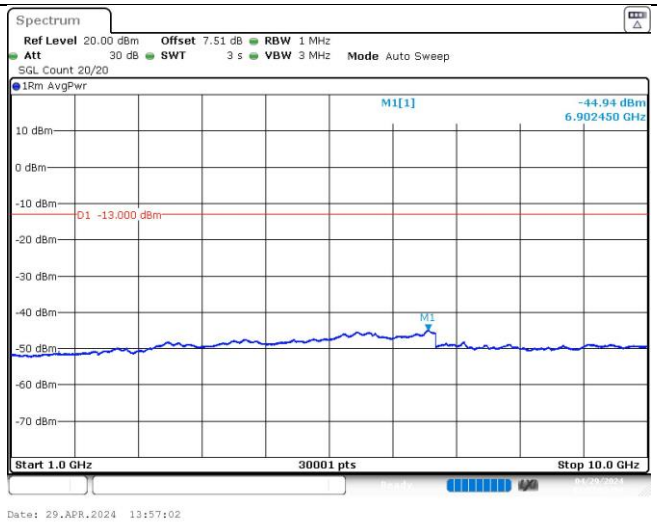
Band5-4182-4-0.15~30MHz



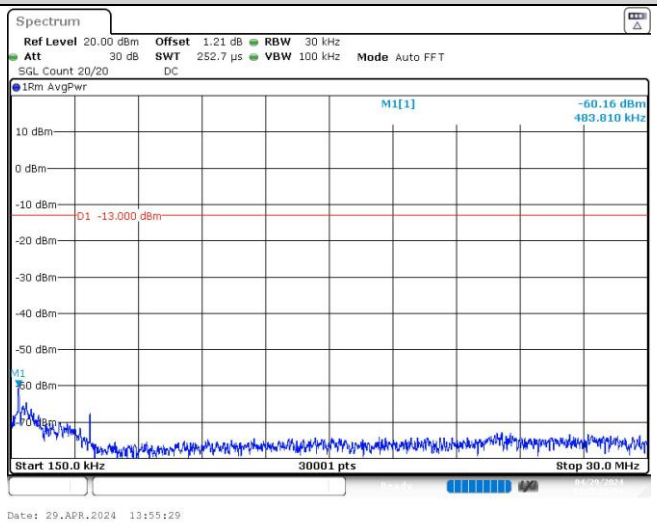
Band5-4182-4-30~1000MHz



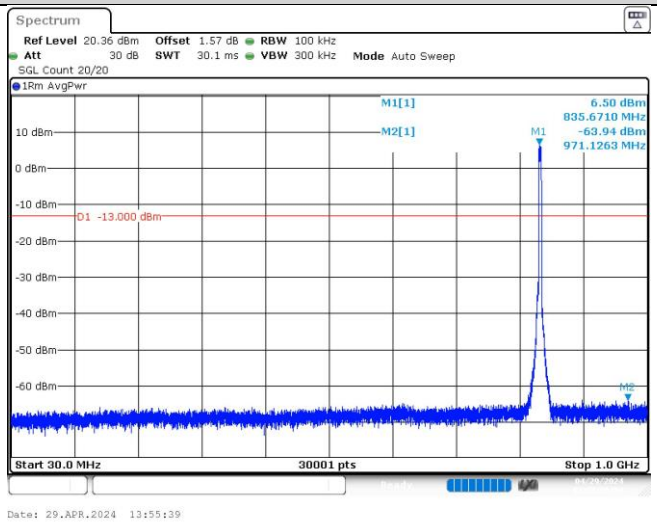
Band5-4182-5-1000~10000MHz



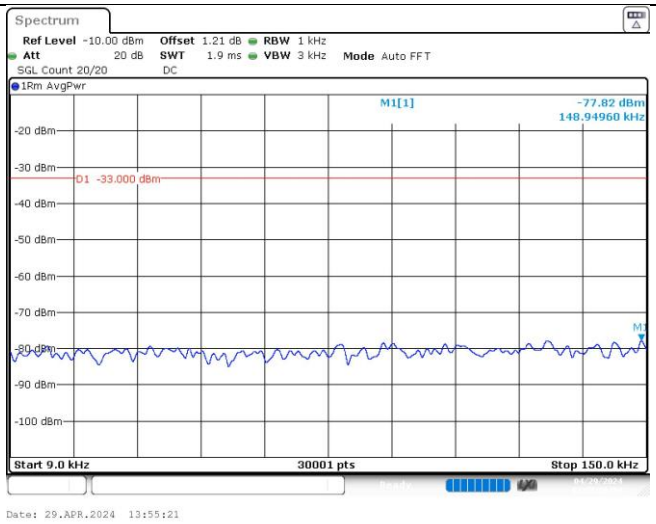
Band5-4182-5-0.15~30MHz



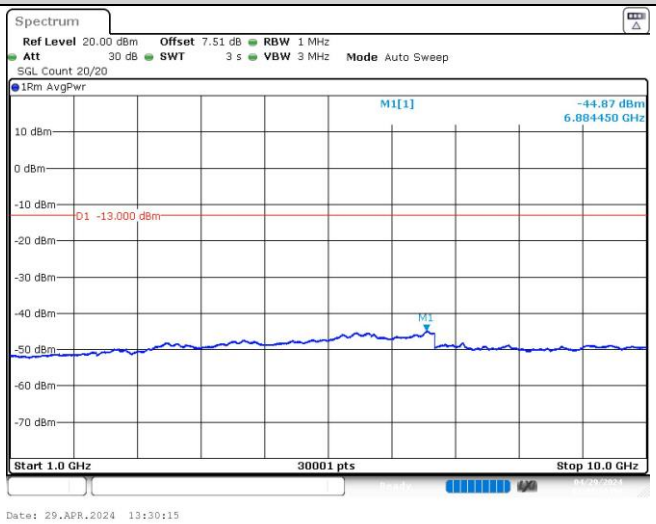
Band5-4182-5-30~1000MHz



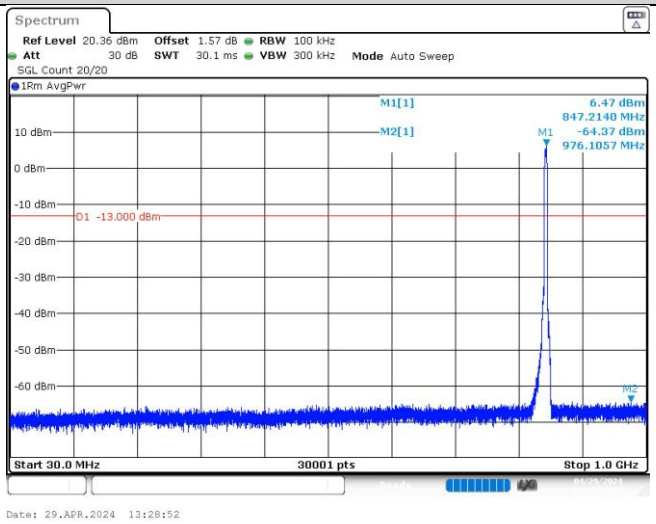
Band5-4182-5-0.009~0.15MHz



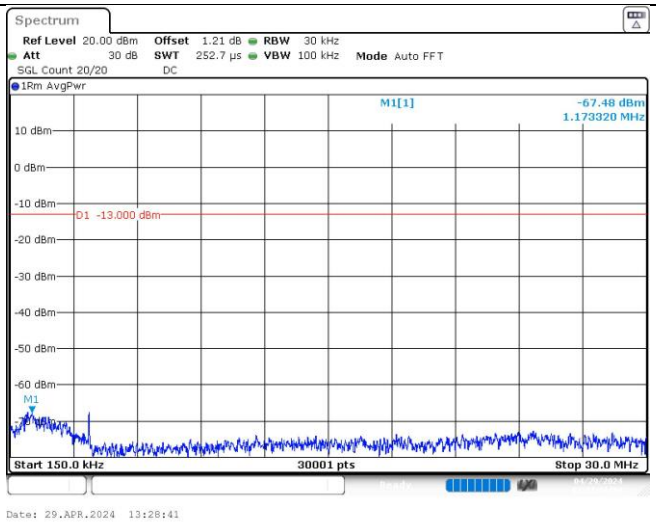
Band5-4233-1-1000~10000MHz



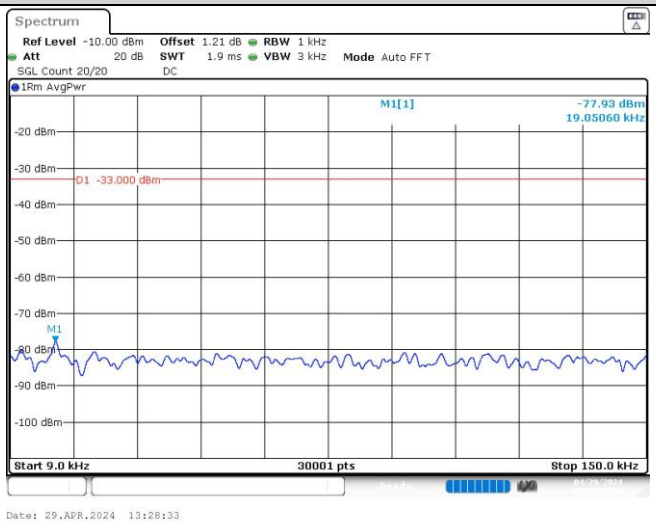
Band5-4233-1-30~1000MHz



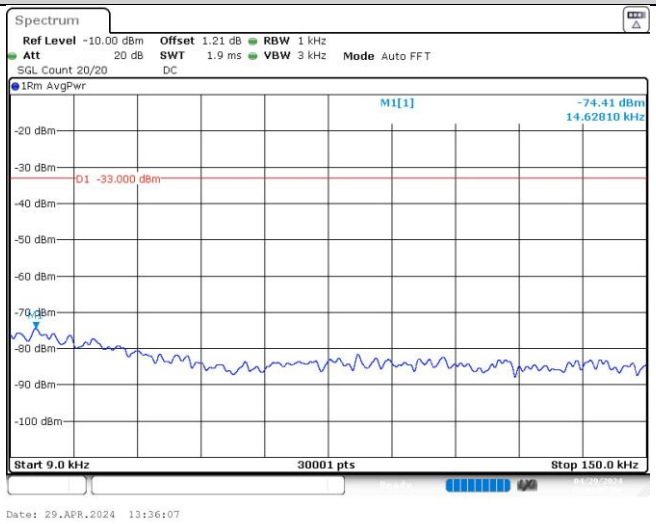
Band5-4233-1-0.15~30MHz



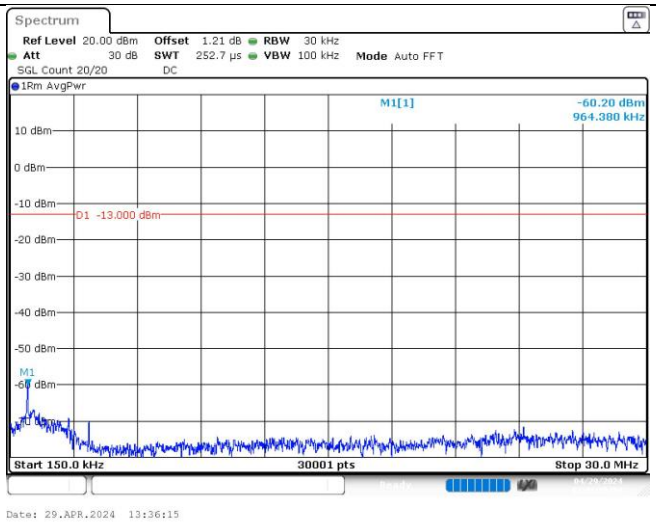
Band5-4233-1-0.009~0.15MHz



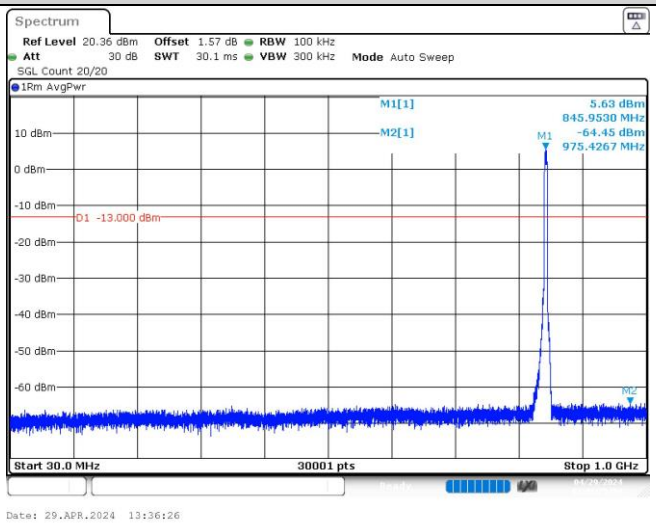
Band5-4233-2-0.009~0.15MHz



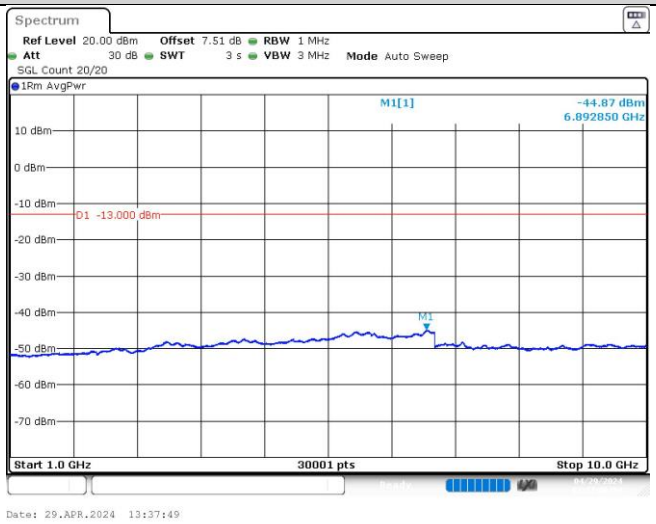
Band5-4233-2-0.15~30MHz



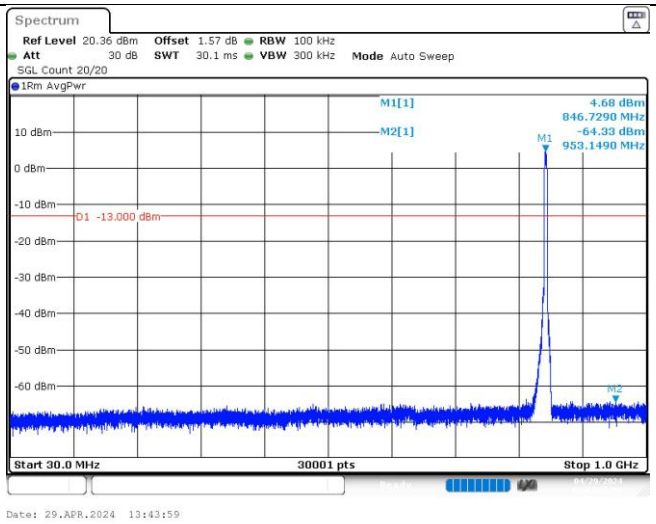
Band5-4233-2-30~1000MHz



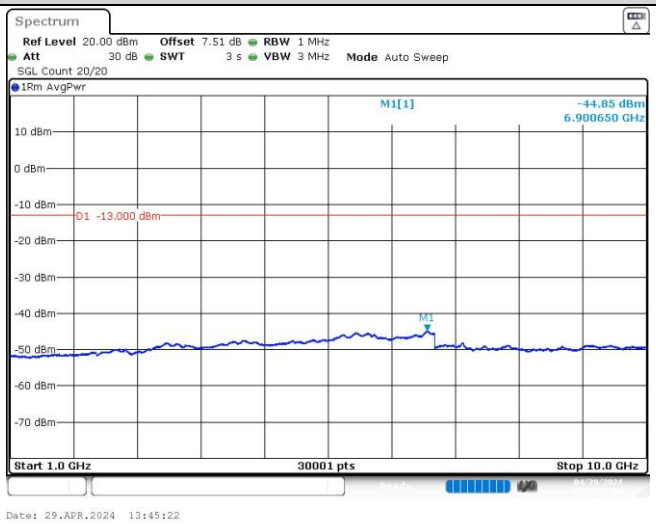
Band5-4233-2-1000~10000MHz



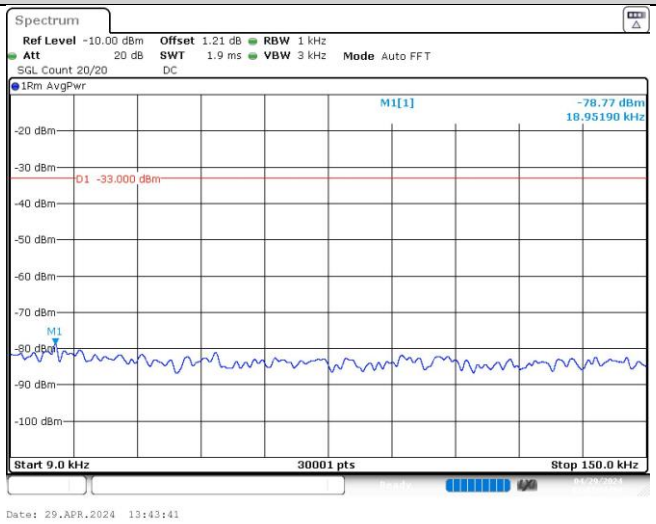
Band5-4233-3-30~1000MHz



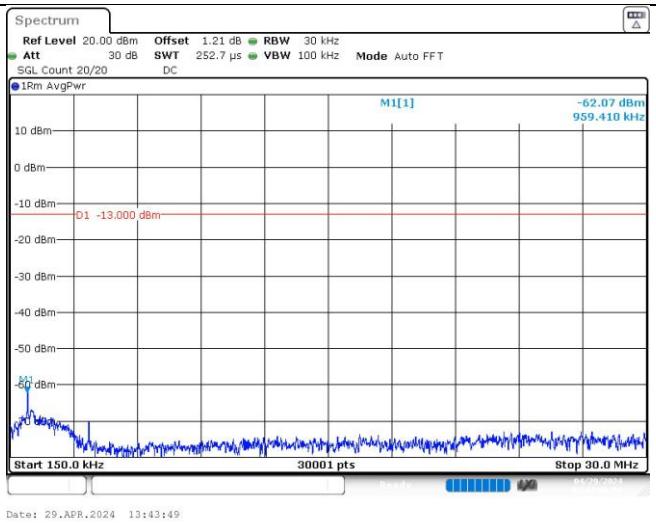
Band5-4233-3-1000~10000MHz



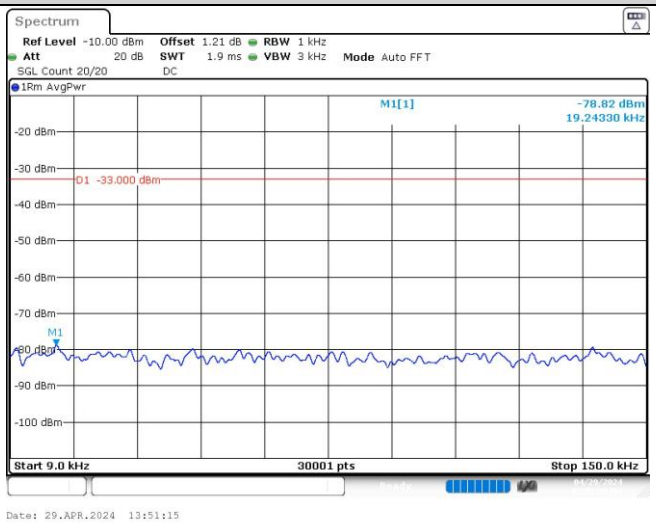
Band5-4233-3-0.009~0.15MHz



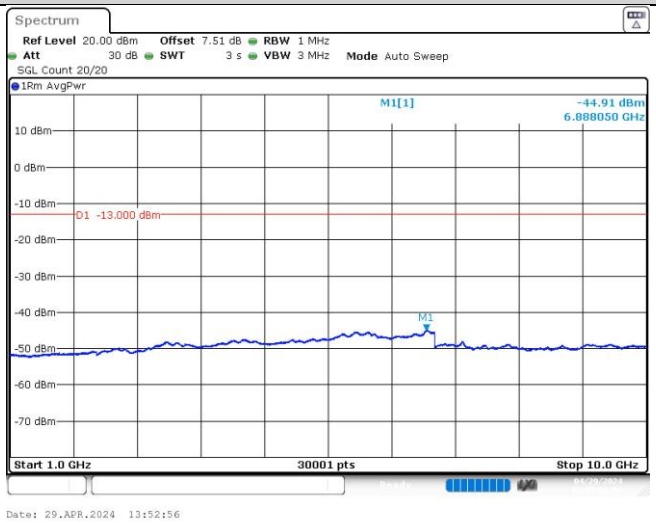
Band5-4233-3-0.15~30MHz



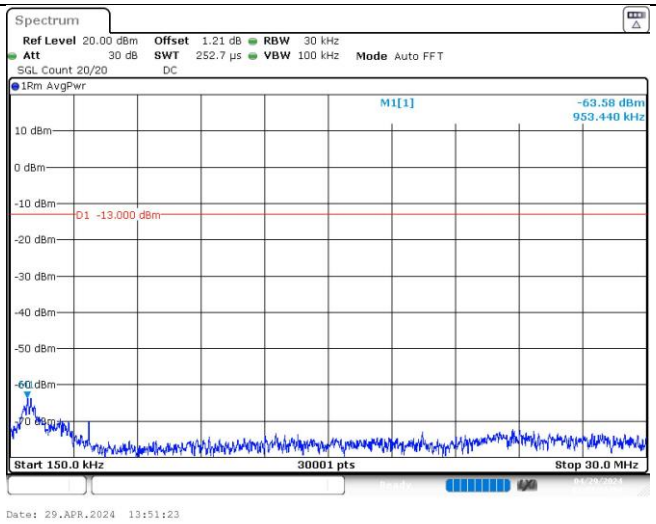
Band5-4233-4-0.009~0.15MHz



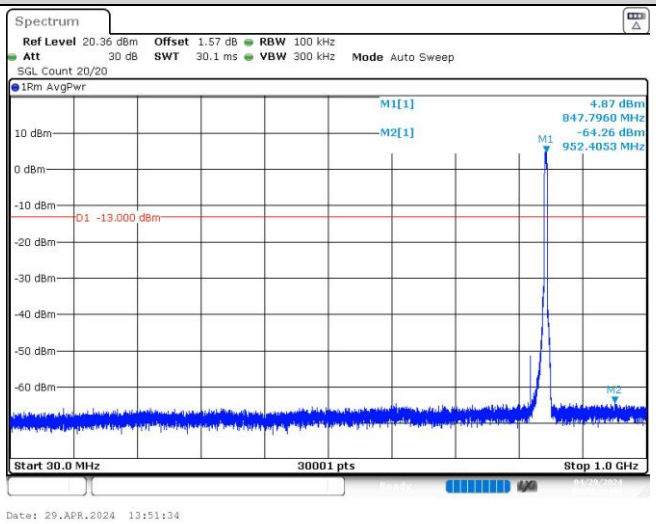
Band5-4233-4-1000~10000MHz



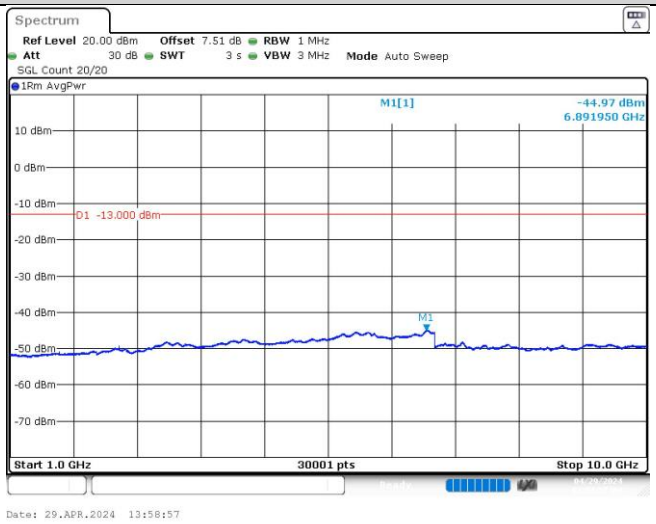
Band5-4233-4-0.15~30MHz



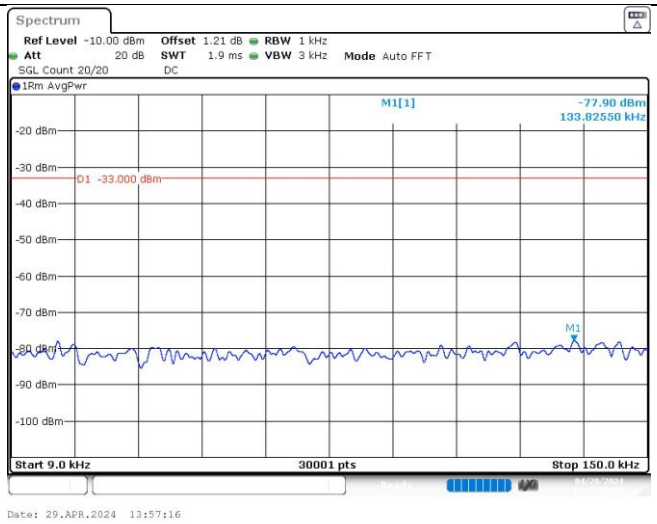
Band5-4233-4-30~1000MHz



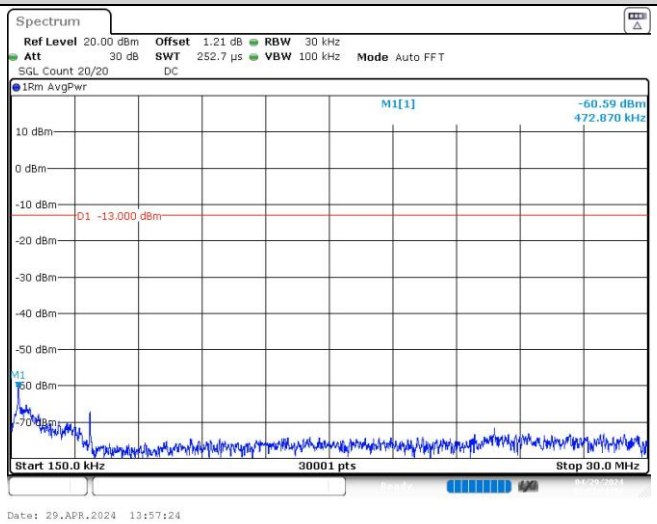
Band5-4233-5-1000~10000MHz



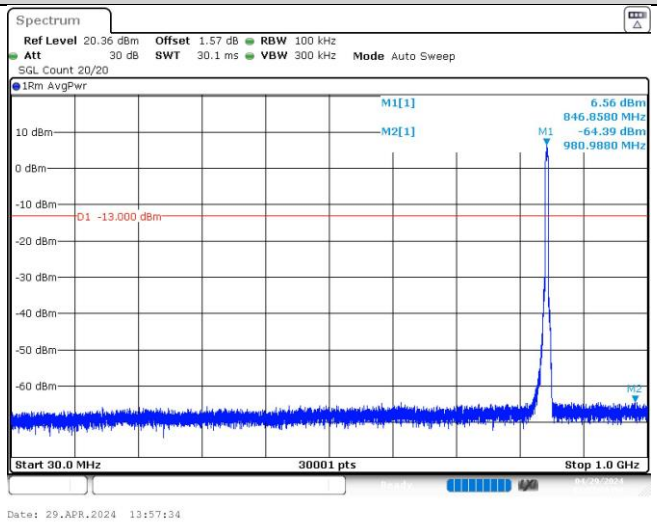
Band5-4233-5-0.009~0.15MHz



Band5-4233-5-0.15~30MHz



Band5-4233-5-30~1000MHz



APPENDIX C.6: FREQUENCY STABILITY

Test Result

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	VL	NT	2.31	0.002795	±2.5	PASS
Band5	4132	VN	NT	2.15	0.002602	±2.5	PASS
Band5	4132	VH	NT	2.39	0.002892	±2.5	PASS
Band5	4182	VL	NT	0.47	0.000562	±2.5	PASS
Band5	4182	VN	NT	0.22	0.000263	±2.5	PASS
Band5	4182	VH	NT	0.82	0.000980	±2.5	PASS
Band5	4233	VL	NT	-0.16	-0.000189	±2.5	PASS
Band5	4233	VN	NT	-0.76	-0.000898	±2.5	PASS
Band5	4233	VH	NT	0.04	0.000047	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	NV	-30	2.57	0.003110	±2.5	PASS
Band5	4132	NV	-20	2.64	0.003195	±2.5	PASS
Band5	4132	NV	0	2.26	0.002735	±2.5	PASS
Band5	4132	NV	10	2.36	0.002856	±2.5	PASS
Band5	4132	NV	20	2.35	0.002844	±2.5	PASS
Band5	4132	NV	30	2.48	0.003001	±2.5	PASS
Band5	4132	NV	40	2.37	0.002868	±2.5	PASS
Band5	4132	NV	50	2.51	0.003037	±2.5	PASS
Band5	4132	NV	55	2.54	0.003074	±2.5	PASS
Band5	4182	NV	-30	0.44	0.000526	±2.5	PASS
Band5	4182	NV	-20	0.66	0.000789	±2.5	PASS
Band5	4182	NV	0	0.62	0.000741	±2.5	PASS
Band5	4182	NV	10	0.57	0.000681	±2.5	PASS
Band5	4182	NV	20	0.46	0.000550	±2.5	PASS
Band5	4182	NV	30	0.67	0.000801	±2.5	PASS
Band5	4182	NV	40	0.85	0.001016	±2.5	PASS
Band5	4182	NV	50	1.03	0.001231	±2.5	PASS
Band5	4182	NV	55	0.38	0.000454	±2.5	PASS
Band5	4233	NV	-30	0.16	0.000189	±2.5	PASS
Band5	4233	NV	-20	0.44	0.000520	±2.5	PASS
Band5	4233	NV	0	0.16	0.000189	±2.5	PASS
Band5	4233	NV	10	0.21	0.000248	±2.5	PASS
Band5	4233	NV	20	0.41	0.000484	±2.5	PASS
Band5	4233	NV	30	0.39	0.000461	±2.5	PASS
Band5	4233	NV	40	0.19	0.000224	±2.5	PASS
Band5	4233	NV	50	0.22	0.000260	±2.5	PASS
Band5	4233	NV	55	0.71	0.000839	±2.5	PASS

Voltage								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	1	VL	NT	0.84	0.001016	±2.5	PASS
Band5	4132	1	VN	NT	0.42	0.000508	±2.5	PASS
Band5	4132	1	VH	NT	0.86	0.001041	±2.5	PASS
Band5	4132	2	VL	NT	1.09	0.001319	±2.5	PASS
Band5	4132	2	VN	NT	0.94	0.001137	±2.5	PASS
Band5	4132	2	VH	NT	1.09	0.001319	±2.5	PASS
Band5	4132	3	VL	NT	1.29	0.001561	±2.5	PASS
Band5	4132	3	VN	NT	1.23	0.001488	±2.5	PASS
Band5	4132	3	VH	NT	1.57	0.001900	±2.5	PASS
Band5	4132	4	VL	NT	1.80	0.002178	±2.5	PASS
Band5	4132	4	VN	NT	1.69	0.002045	±2.5	PASS
Band5	4132	4	VH	NT	1.60	0.001936	±2.5	PASS
Band5	4182	1	VL	NT	2.47	0.002953	±2.5	PASS
Band5	4182	1	VN	NT	2.39	0.002857	±2.5	PASS
Band5	4182	1	VH	NT	2.14	0.002559	±2.5	PASS
Band5	4182	2	VL	NT	2.42	0.002893	±2.5	PASS
Band5	4182	2	VN	NT	2.25	0.002690	±2.5	PASS
Band5	4182	2	VH	NT	2.31	0.002762	±2.5	PASS
Band5	4182	3	VL	NT	2.38	0.002846	±2.5	PASS
Band5	4182	3	VN	NT	2.37	0.002834	±2.5	PASS
Band5	4182	3	VH	NT	1.86	0.002224	±2.5	PASS
Band5	4182	4	VL	NT	2.68	0.003204	±2.5	PASS
Band5	4182	4	VN	NT	2.80	0.003348	±2.5	PASS
Band5	4182	4	VH	NT	2.83	0.003384	±2.5	PASS
Band5	4233	1	VL	NT	2.56	0.003024	±2.5	PASS
Band5	4233	1	VN	NT	2.84	0.003355	±2.5	PASS
Band5	4233	1	VH	NT	2.85	0.003366	±2.5	PASS
Band5	4233	2	VL	NT	3.13	0.003697	±2.5	PASS
Band5	4233	2	VN	NT	2.77	0.003272	±2.5	PASS
Band5	4233	2	VH	NT	3.17	0.003744	±2.5	PASS
Band5	4233	3	VL	NT	2.81	0.003319	±2.5	PASS
Band5	4233	3	VN	NT	3.40	0.004016	±2.5	PASS
Band5	4233	3	VH	NT	3.05	0.003603	±2.5	PASS
Band5	4233	4	VL	NT	3.17	0.003744	±2.5	PASS
Band5	4233	4	VN	NT	3.38	0.003992	±2.5	PASS
Band5	4233	4	VH	NT	3.35	0.003957	±2.5	PASS

Temperature								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	1	NV	-30	0.21	0.000254	±2.5	PASS
Band5	4132	1	NV	-20	0.66	0.000799	±2.5	PASS
Band5	4132	1	NV	0	0.50	0.000605	±2.5	PASS
Band5	4132	1	NV	10	0.67	0.000811	±2.5	PASS
Band5	4132	1	NV	20	1.02	0.001234	±2.5	PASS
Band5	4132	1	NV	30	0.75	0.000908	±2.5	PASS
Band5	4132	1	NV	40	1.27	0.001537	±2.5	PASS

Band5	4132	1	NV	50	1.03	0.001246	±2.5	PASS
Band5	4132	1	NV	55	0.79	0.000956	±2.5	PASS
Band5	4132	2	NV	-30	1.28	0.001549	±2.5	PASS
Band5	4132	2	NV	-20	1.47	0.001779	±2.5	PASS
Band5	4132	2	NV	0	1.32	0.001597	±2.5	PASS
Band5	4132	2	NV	10	1.40	0.001694	±2.5	PASS
Band5	4132	2	NV	20	1.37	0.001658	±2.5	PASS
Band5	4132	2	NV	30	1.24	0.001500	±2.5	PASS
Band5	4132	2	NV	40	1.51	0.001827	±2.5	PASS
Band5	4132	2	NV	50	0.99	0.001198	±2.5	PASS
Band5	4132	2	NV	55	1.28	0.001549	±2.5	PASS
Band5	4132	3	NV	-30	1.34	0.001621	±2.5	PASS
Band5	4132	3	NV	-20	1.42	0.001718	±2.5	PASS
Band5	4132	3	NV	0	1.55	0.001876	±2.5	PASS
Band5	4132	3	NV	10	1.21	0.001464	±2.5	PASS
Band5	4132	3	NV	20	1.75	0.002118	±2.5	PASS
Band5	4132	3	NV	30	1.57	0.001900	±2.5	PASS
Band5	4132	3	NV	40	1.76	0.002130	±2.5	PASS
Band5	4132	3	NV	50	1.97	0.002384	±2.5	PASS
Band5	4132	3	NV	55	2.15	0.002602	±2.5	PASS
Band5	4132	4	NV	-30	2.49	0.003013	±2.5	PASS
Band5	4132	4	NV	-20	1.82	0.002202	±2.5	PASS
Band5	4132	4	NV	0	1.93	0.002335	±2.5	PASS
Band5	4132	4	NV	10	1.76	0.002130	±2.5	PASS
Band5	4132	4	NV	20	2.00	0.002420	±2.5	PASS
Band5	4132	4	NV	30	1.80	0.002178	±2.5	PASS
Band5	4132	4	NV	40	1.65	0.001997	±2.5	PASS
Band5	4132	4	NV	50	2.00	0.002420	±2.5	PASS
Band5	4132	4	NV	55	1.75	0.002118	±2.5	PASS
Band5	4182	1	NV	-30	2.25	0.002690	±2.5	PASS
Band5	4182	1	NV	-20	2.22	0.002654	±2.5	PASS
Band5	4182	1	NV	0	1.97	0.002355	±2.5	PASS
Band5	4182	1	NV	10	2.56	0.003061	±2.5	PASS
Band5	4182	1	NV	20	2.33	0.002786	±2.5	PASS
Band5	4182	1	NV	30	1.70	0.002033	±2.5	PASS
Band5	4182	1	NV	40	2.48	0.002965	±2.5	PASS
Band5	4182	1	NV	50	1.93	0.002308	±2.5	PASS
Band5	4182	1	NV	55	2.31	0.002762	±2.5	PASS
Band5	4182	2	NV	-30	2.54	0.003037	±2.5	PASS
Band5	4182	2	NV	-20	2.47	0.002953	±2.5	PASS
Band5	4182	2	NV	0	2.56	0.003061	±2.5	PASS
Band5	4182	2	NV	10	2.00	0.002391	±2.5	PASS
Band5	4182	2	NV	20	2.35	0.002810	±2.5	PASS
Band5	4182	2	NV	30	1.84	0.002200	±2.5	PASS
Band5	4182	2	NV	40	2.32	0.002774	±2.5	PASS
Band5	4182	2	NV	50	2.23	0.002666	±2.5	PASS
Band5	4182	2	NV	55	2.20	0.002630	±2.5	PASS
Band5	4182	3	NV	-30	2.00	0.002391	±2.5	PASS
Band5	4182	3	NV	-20	2.30	0.002750	±2.5	PASS
Band5	4182	3	NV	0	2.12	0.002535	±2.5	PASS

Band5	4182	3	NV	10	2.85	0.003407	±2.5	PASS
Band5	4182	3	NV	20	2.25	0.002690	±2.5	PASS
Band5	4182	3	NV	30	2.81	0.003360	±2.5	PASS
Band5	4182	3	NV	40	2.32	0.002774	±2.5	PASS
Band5	4182	3	NV	50	2.49	0.002977	±2.5	PASS
Band5	4182	3	NV	55	2.92	0.003491	±2.5	PASS
Band5	4182	4	NV	-30	2.98	0.003563	±2.5	PASS
Band5	4182	4	NV	-20	2.68	0.003204	±2.5	PASS
Band5	4182	4	NV	0	2.73	0.003264	±2.5	PASS
Band5	4182	4	NV	10	2.60	0.003109	±2.5	PASS
Band5	4182	4	NV	20	2.65	0.003168	±2.5	PASS
Band5	4182	4	NV	30	2.65	0.003168	±2.5	PASS
Band5	4182	4	NV	40	2.97	0.003551	±2.5	PASS
Band5	4182	4	NV	50	3.07	0.003670	±2.5	PASS
Band5	4182	4	NV	55	2.82	0.003372	±2.5	PASS
Band5	4233	1	NV	-30	2.88	0.003402	±2.5	PASS
Band5	4233	1	NV	-20	3.19	0.003768	±2.5	PASS
Band5	4233	1	NV	0	2.93	0.003461	±2.5	PASS
Band5	4233	1	NV	10	2.75	0.003248	±2.5	PASS
Band5	4233	1	NV	20	3.21	0.003792	±2.5	PASS
Band5	4233	1	NV	30	2.90	0.003425	±2.5	PASS
Band5	4233	1	NV	40	3.04	0.003591	±2.5	PASS
Band5	4233	1	NV	50	2.55	0.003012	±2.5	PASS
Band5	4233	1	NV	55	3.03	0.003579	±2.5	PASS
Band5	4233	2	NV	-30	3.00	0.003544	±2.5	PASS
Band5	4233	2	NV	-20	3.03	0.003579	±2.5	PASS
Band5	4233	2	NV	0	3.47	0.004099	±2.5	PASS
Band5	4233	2	NV	10	3.00	0.003544	±2.5	PASS
Band5	4233	2	NV	20	2.77	0.003272	±2.5	PASS
Band5	4233	2	NV	30	3.05	0.003603	±2.5	PASS
Band5	4233	2	NV	40	2.03	0.002398	±2.5	PASS
Band5	4233	2	NV	50	3.05	0.003603	±2.5	PASS
Band5	4233	2	NV	55	2.63	0.003107	±2.5	PASS
Band5	4233	3	NV	-30	3.03	0.003579	±2.5	PASS
Band5	4233	3	NV	-20	3.43	0.004052	±2.5	PASS
Band5	4233	3	NV	0	3.37	0.003981	±2.5	PASS
Band5	4233	3	NV	10	3.00	0.003544	±2.5	PASS
Band5	4233	3	NV	20	3.01	0.003555	±2.5	PASS
Band5	4233	3	NV	30	3.25	0.003839	±2.5	PASS
Band5	4233	3	NV	40	3.42	0.004040	±2.5	PASS
Band5	4233	3	NV	50	3.24	0.003827	±2.5	PASS
Band5	4233	3	NV	55	3.26	0.003851	±2.5	PASS
Band5	4233	4	NV	-30	3.36	0.003969	±2.5	PASS
Band5	4233	4	NV	-20	3.80	0.004489	±2.5	PASS
Band5	4233	4	NV	0	3.46	0.004087	±2.5	PASS
Band5	4233	4	NV	10	3.51	0.004146	±2.5	PASS
Band5	4233	4	NV	20	3.68	0.004347	±2.5	PASS
Band5	4233	4	NV	30	3.79	0.004477	±2.5	PASS
Band5	4233	4	NV	40	3.43	0.004052	±2.5	PASS
Band5	4233	4	NV	50	3.25	0.003839	±2.5	PASS

Band5	4233	4	NV	55	3.62	0.004276	±2.5	PASS