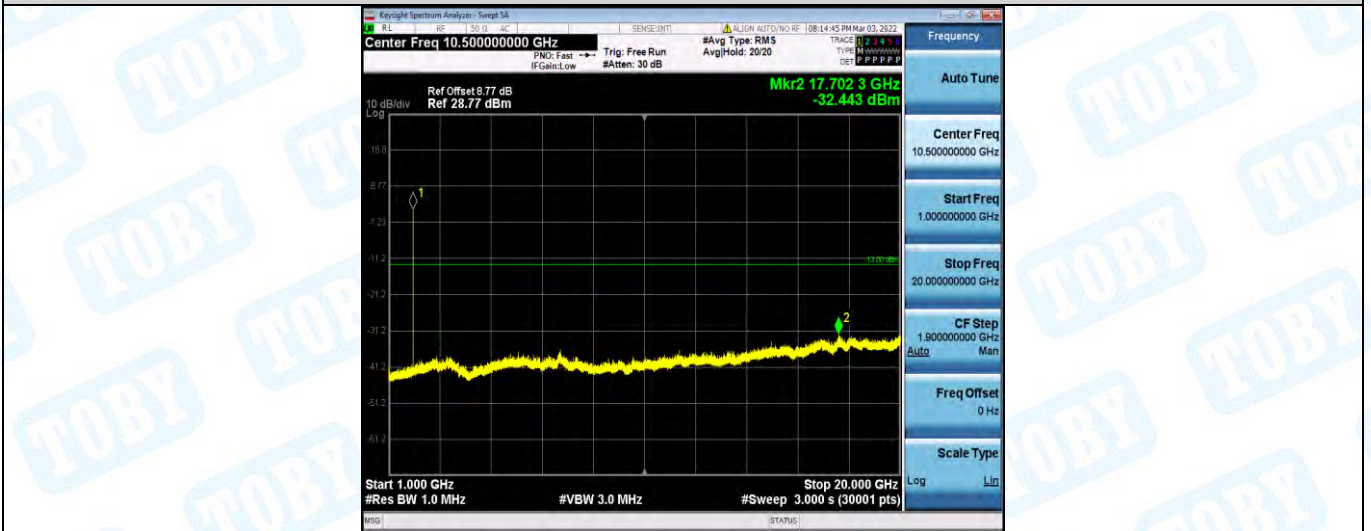


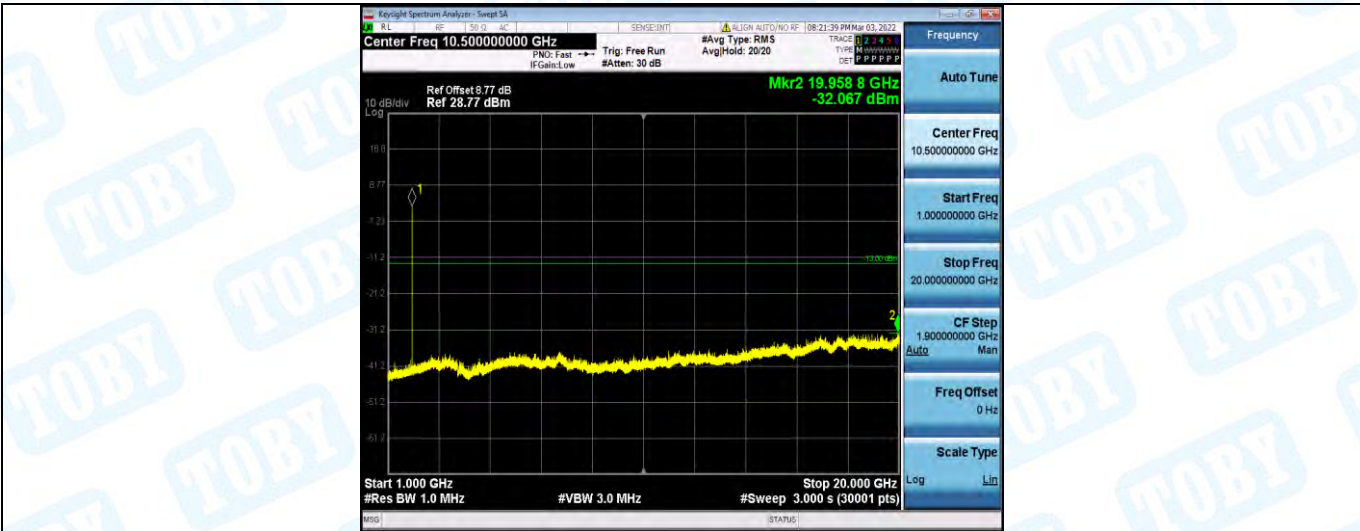
Band2-9538-2-1000~20000MHz



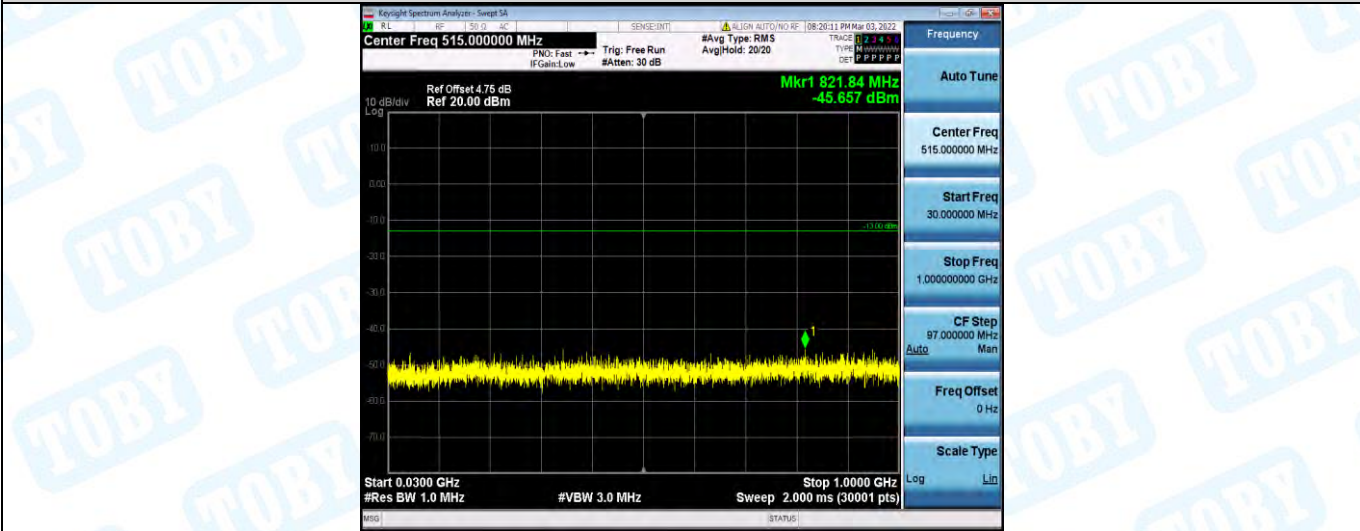
Band2-9538-2-0.009~0.15MHz



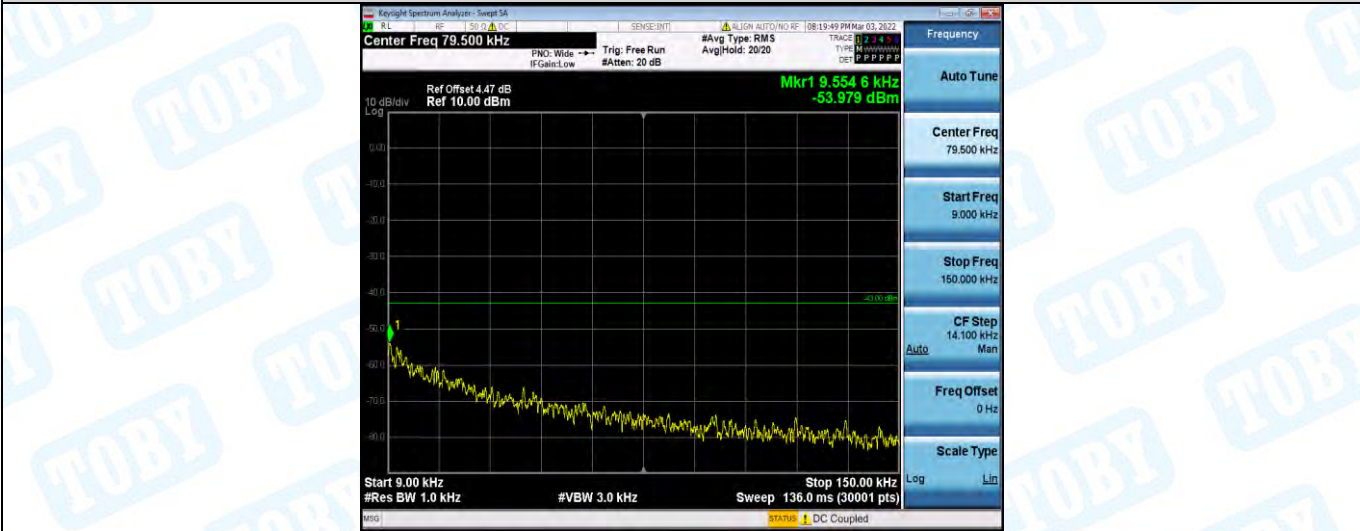
Band2-9538-3-1000~20000MHz



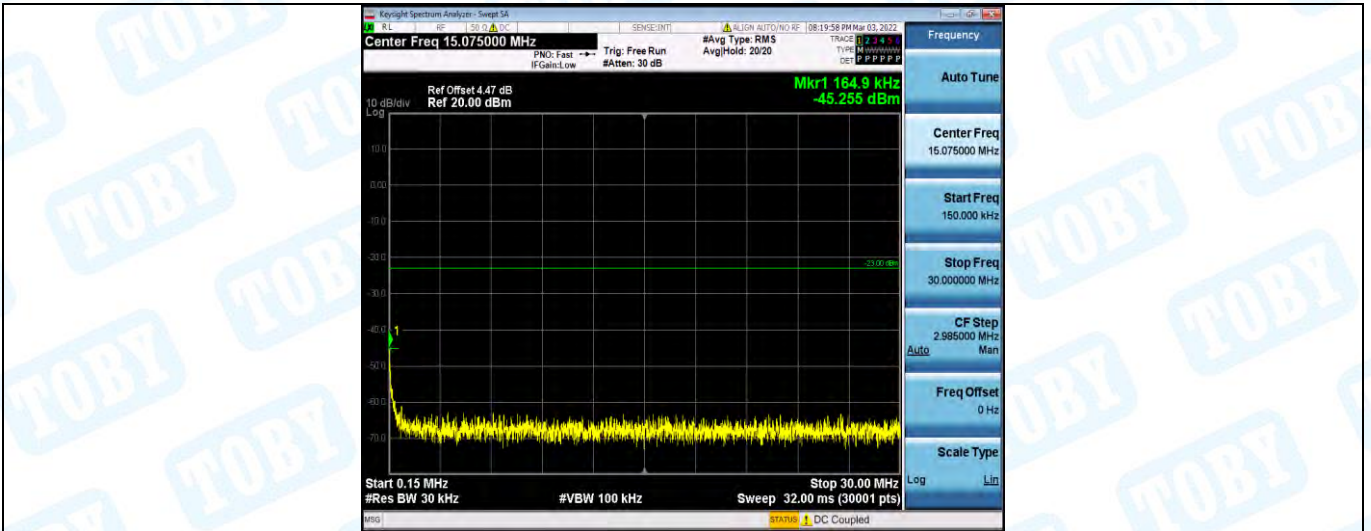
Band2-9538-3-30~1000MHz



Band2-9538-3-0.009~0.15MHz



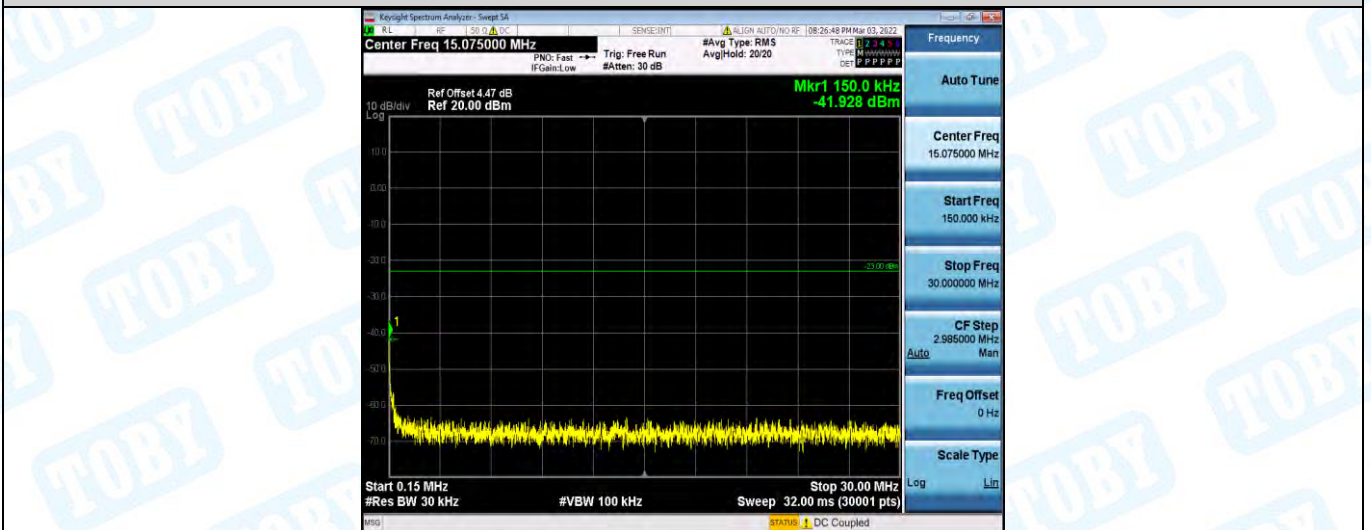
Band2-9538-3-0.15~30MHz



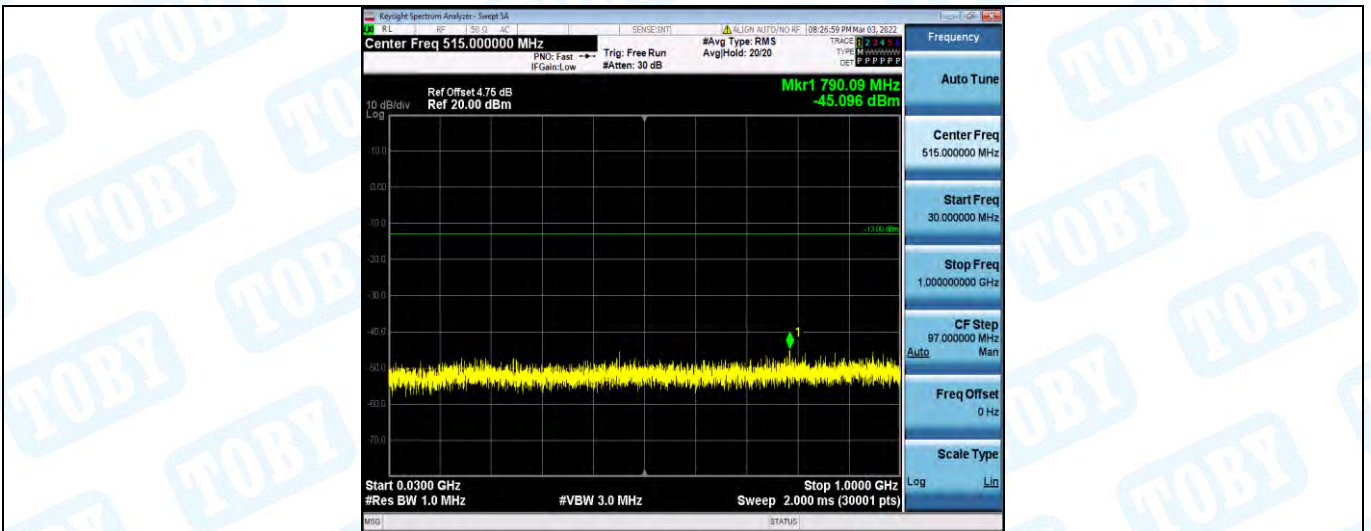
Band2-9538-4-0.009~0.15MHz



Band2-9538-4-0.15~30MHz



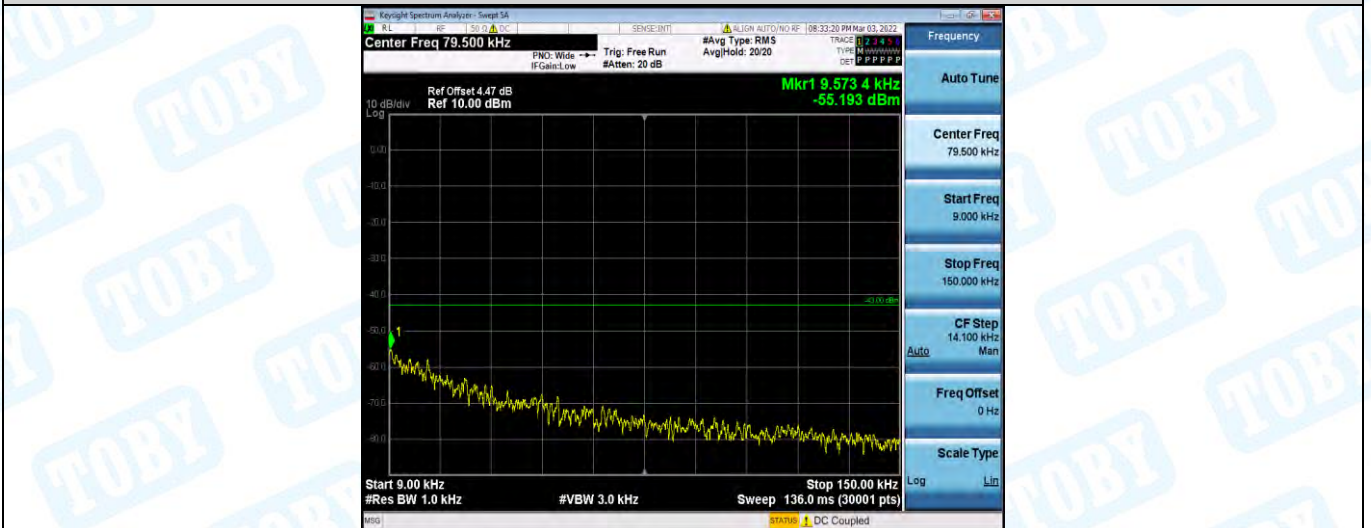
Band2-9538-4-30~100MHz



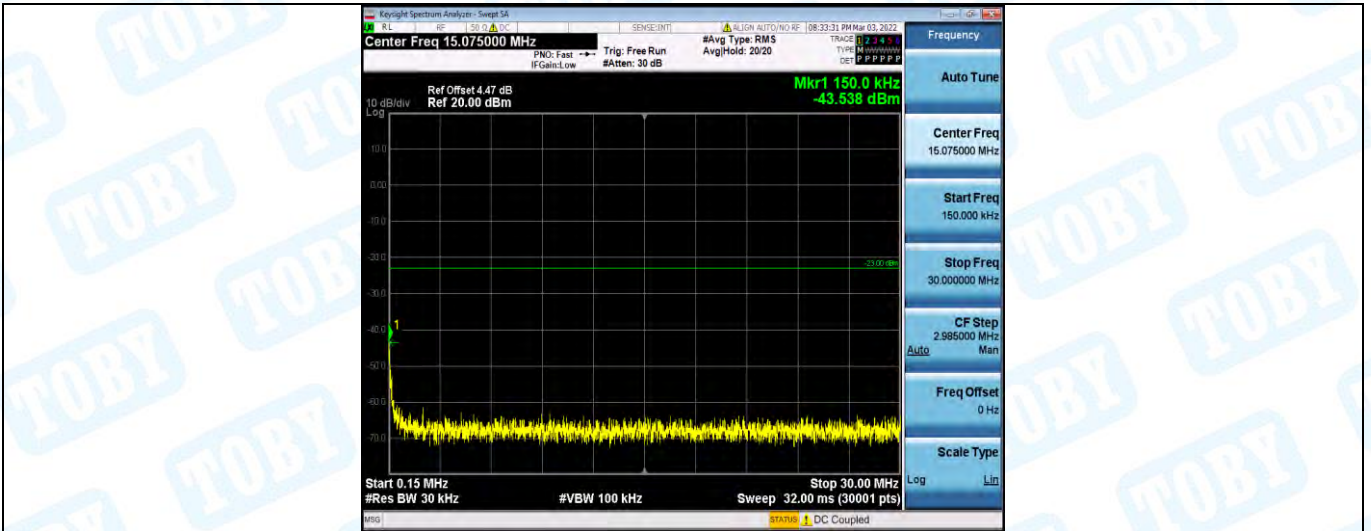
Band2-9538-4-1000~20000MHz



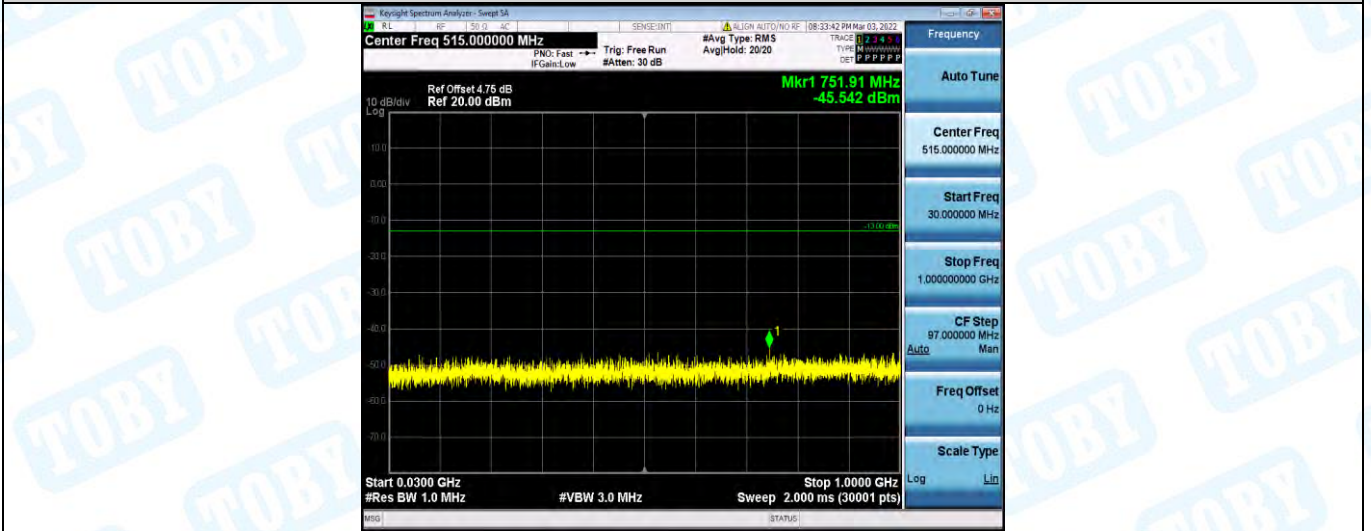
Band2-9538-5-0.009~0.15MHz



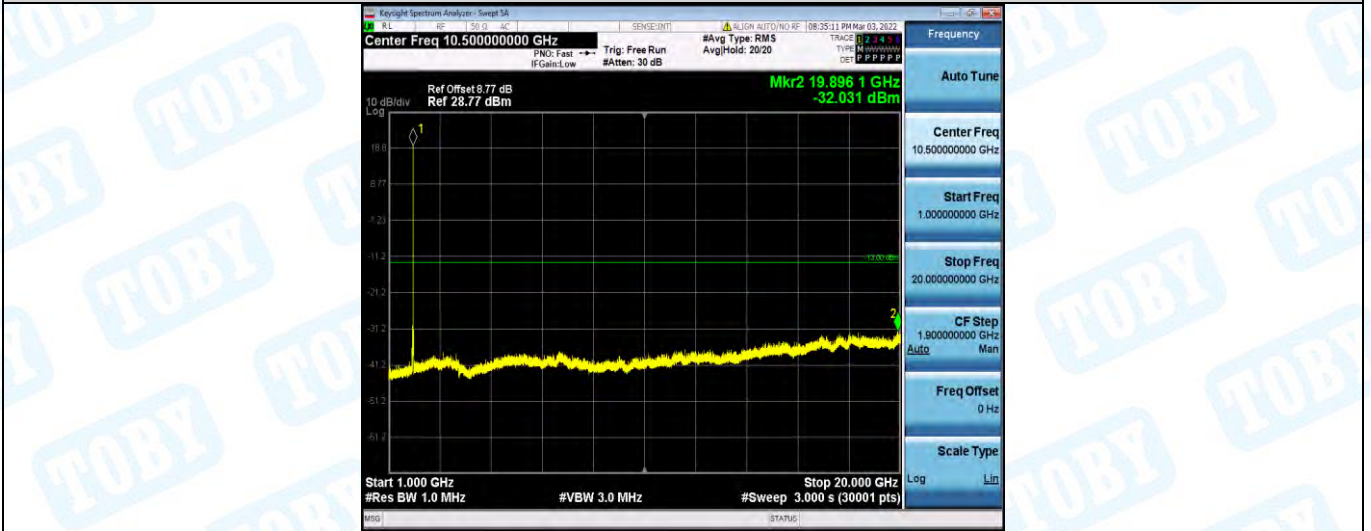
Band2-9538-5-0.15~30MHz



Band2-9538-5-30~1000MHz



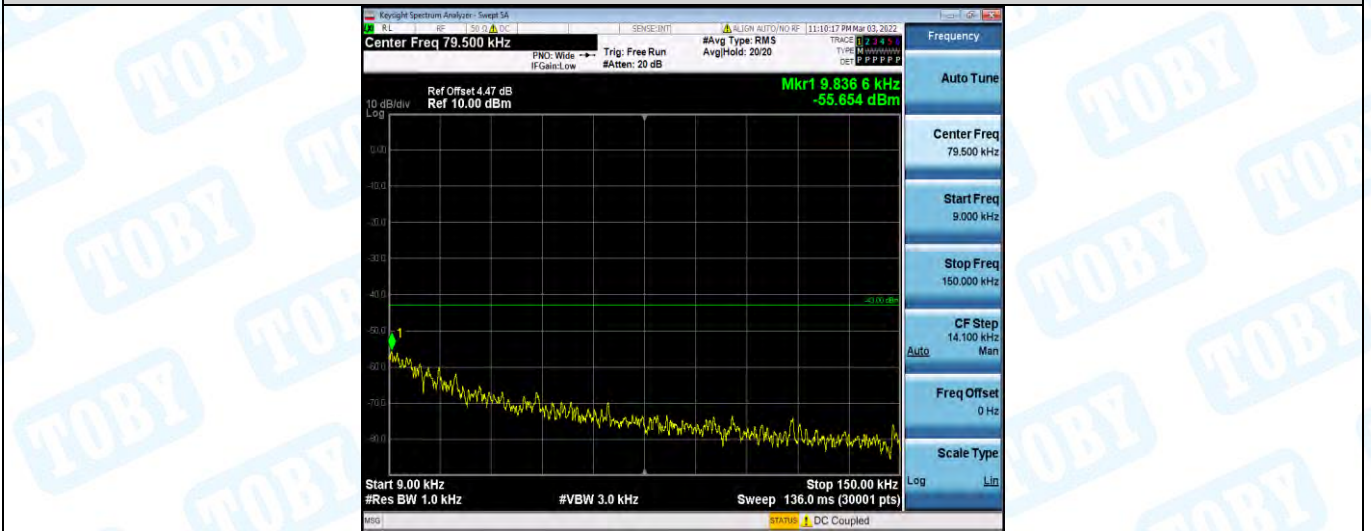
Band2-9538-5-1000~20000MHz



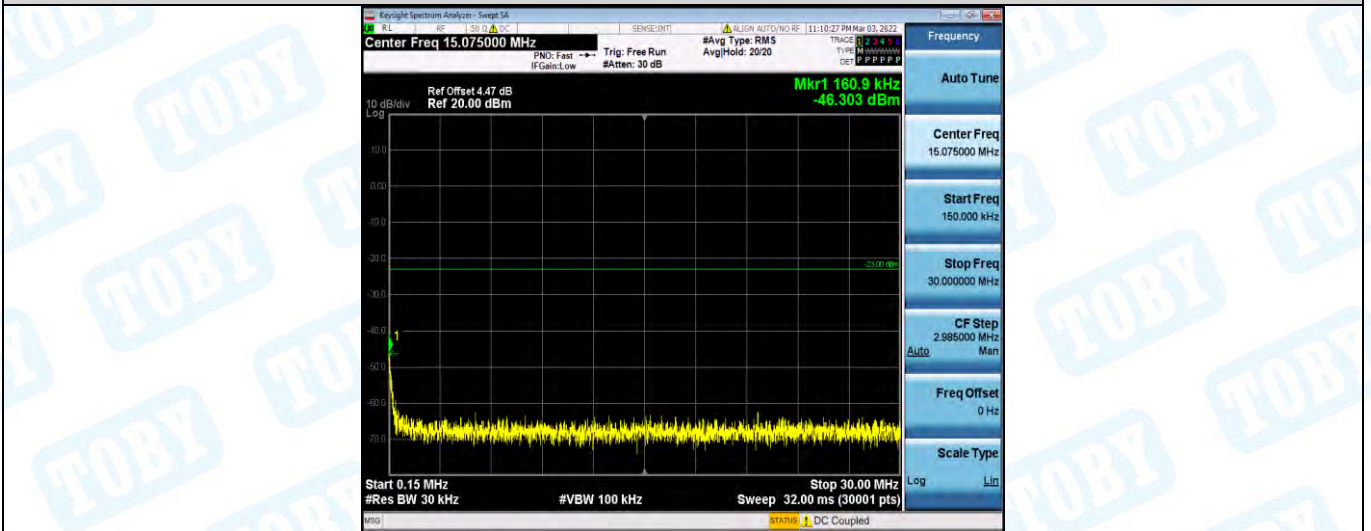
Band4-1312-1-1000~20000MHz



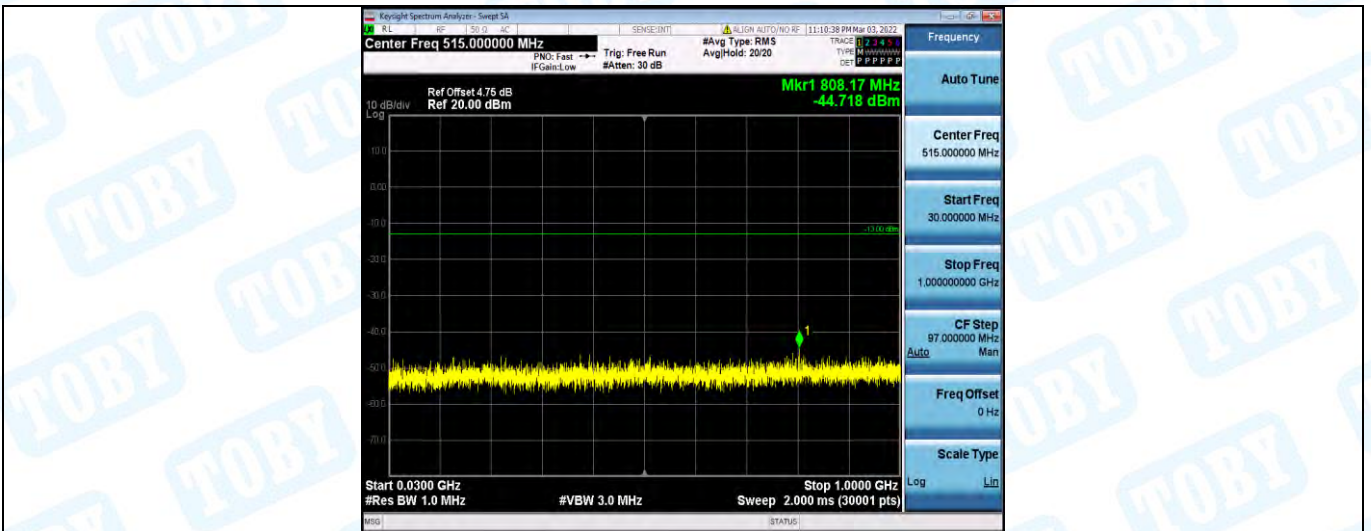
Band4-1312-1-0.009~0.15MHz



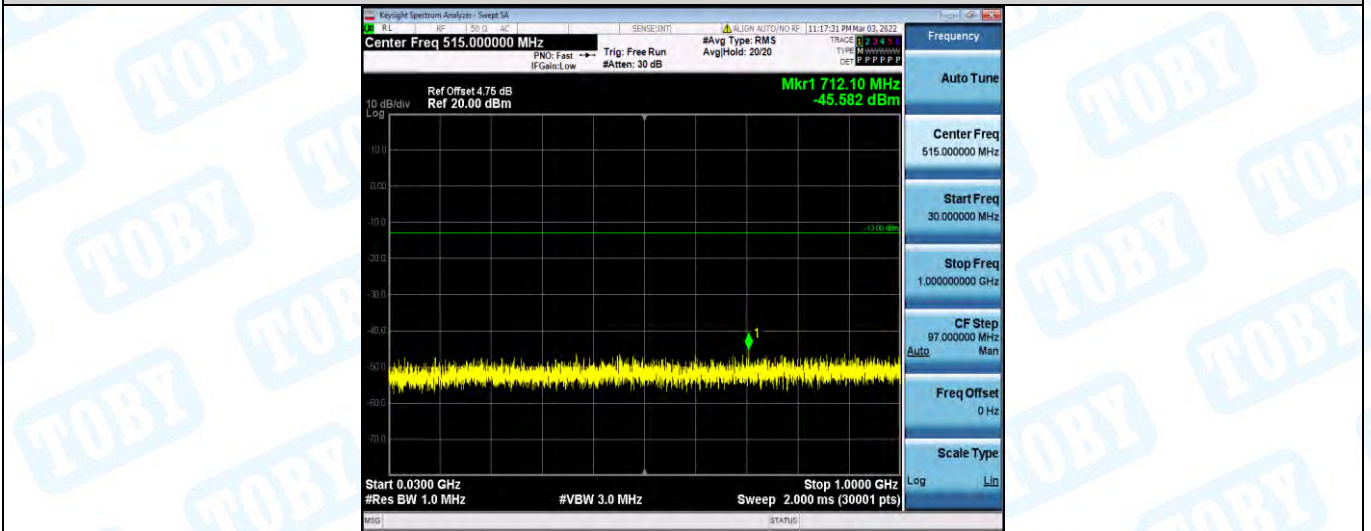
Band4-1312-1-0.15~30MHz



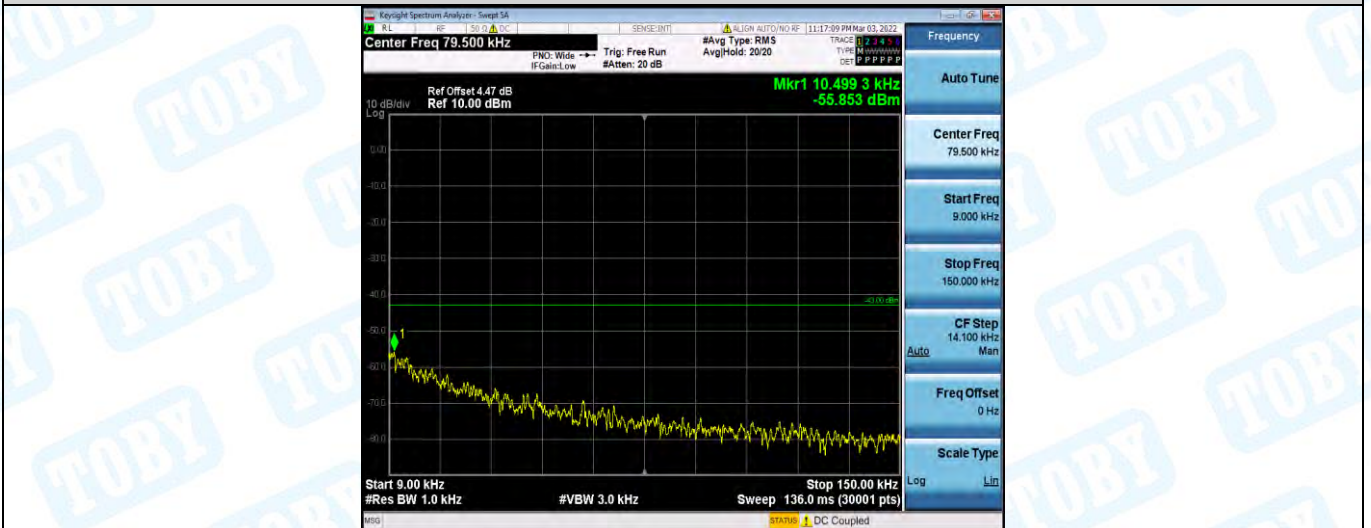
Band4-1312-1-30~100MHz



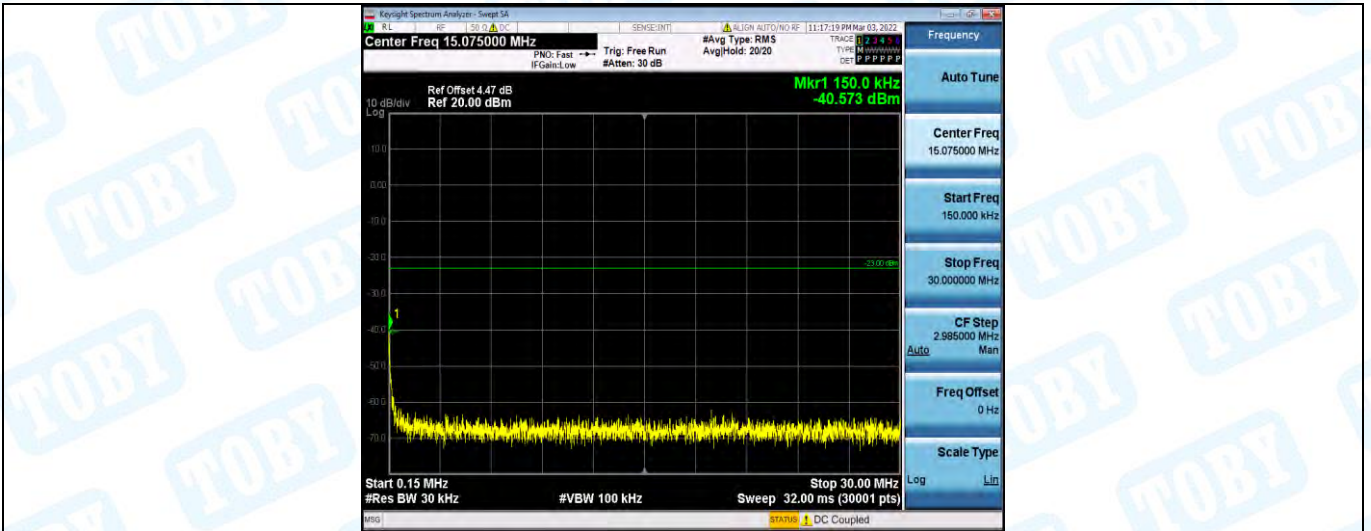
Band4-1312-2-30~1000MHz



Band4-1312-2-0.009~0.15MHz



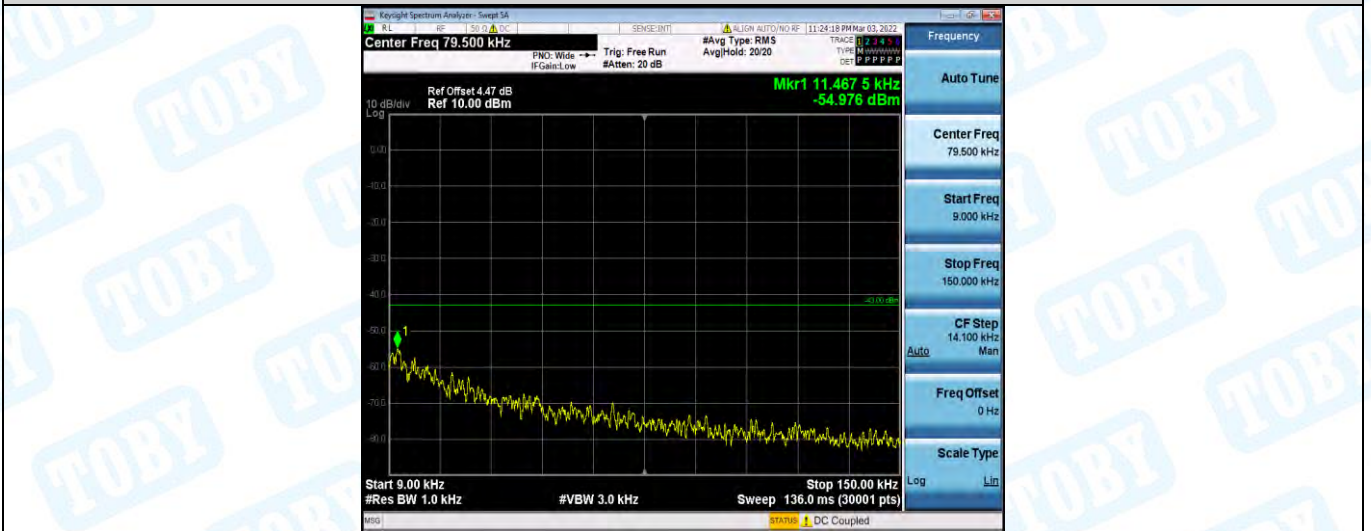
Band4-1312-2-0.15~30MHz



Band4-1312-2-1000~20000MHz

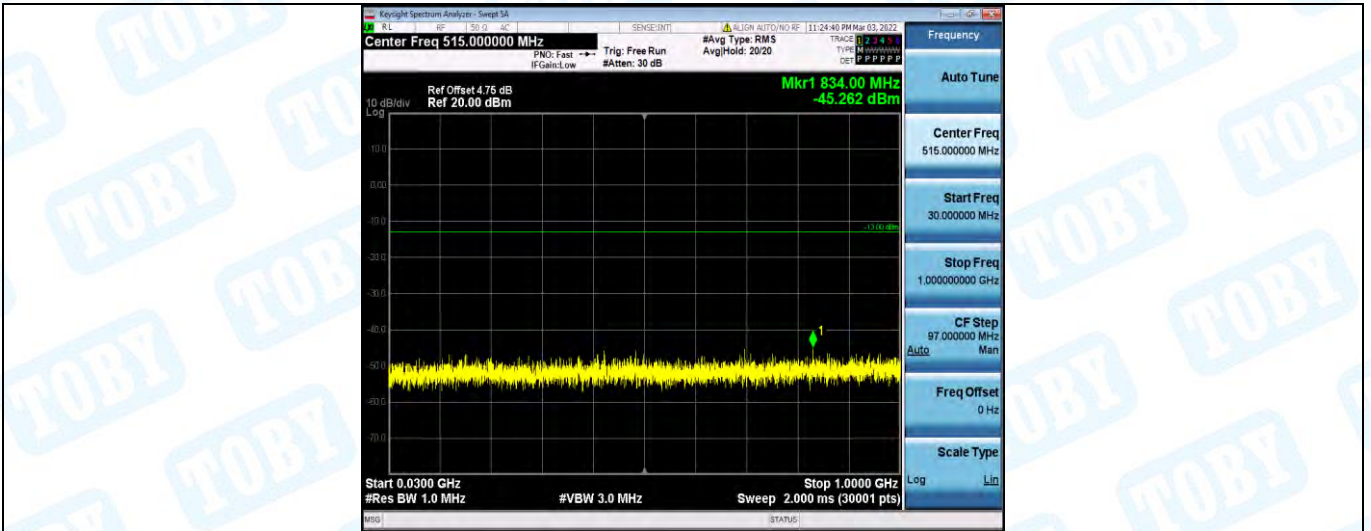


Band4-1312-3-0.009~0.15MHz



Band4-1312-3-30~1000MHz

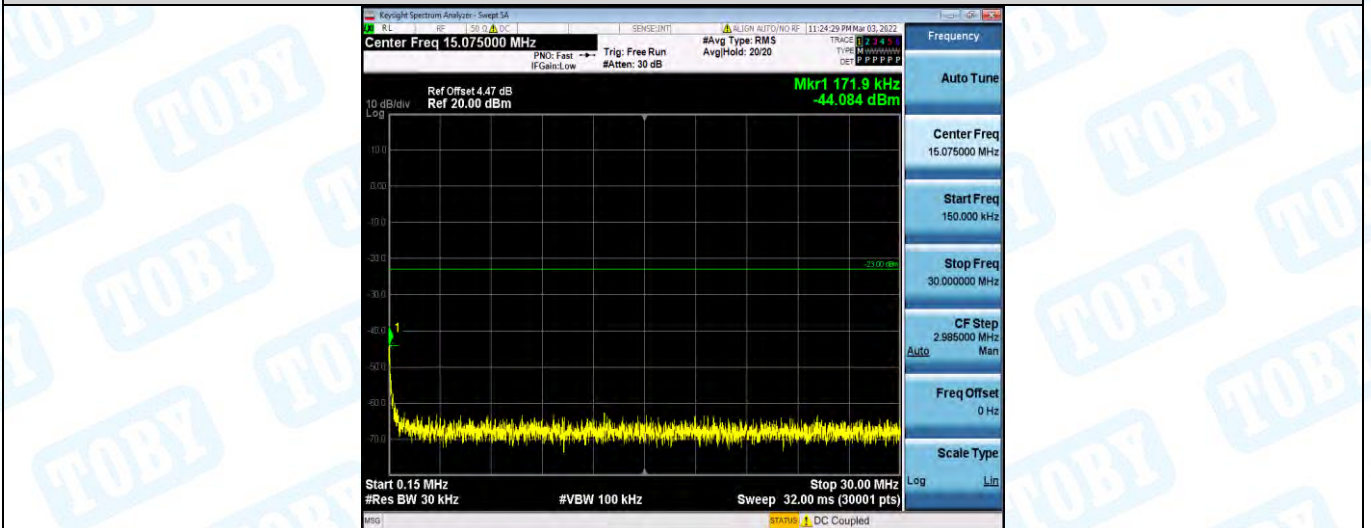




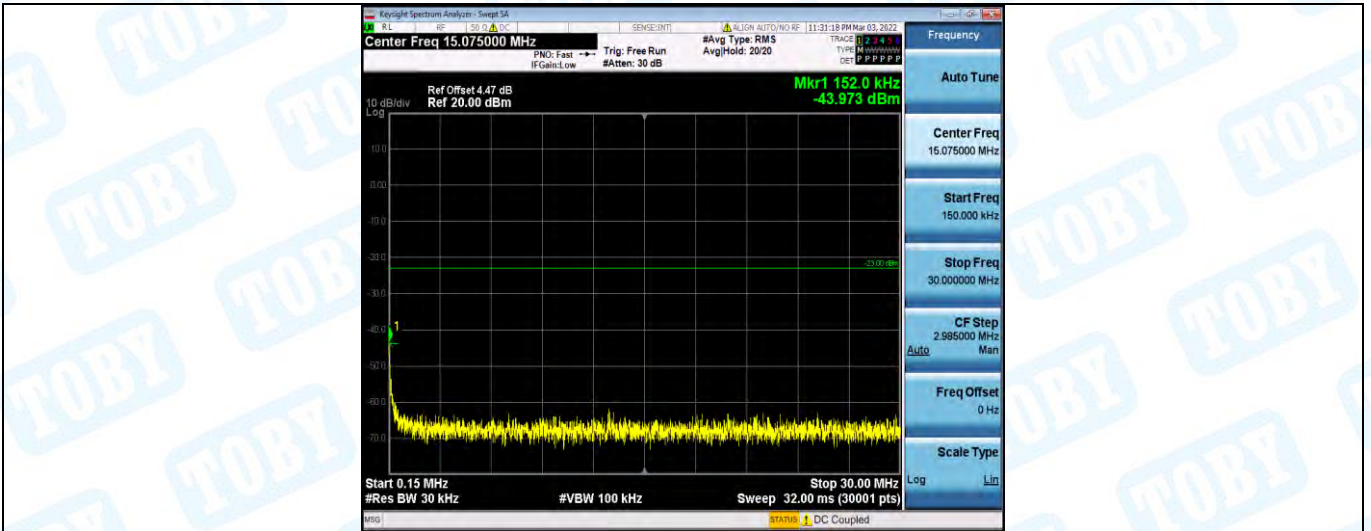
Band4-1312-3-1000~20000MHz



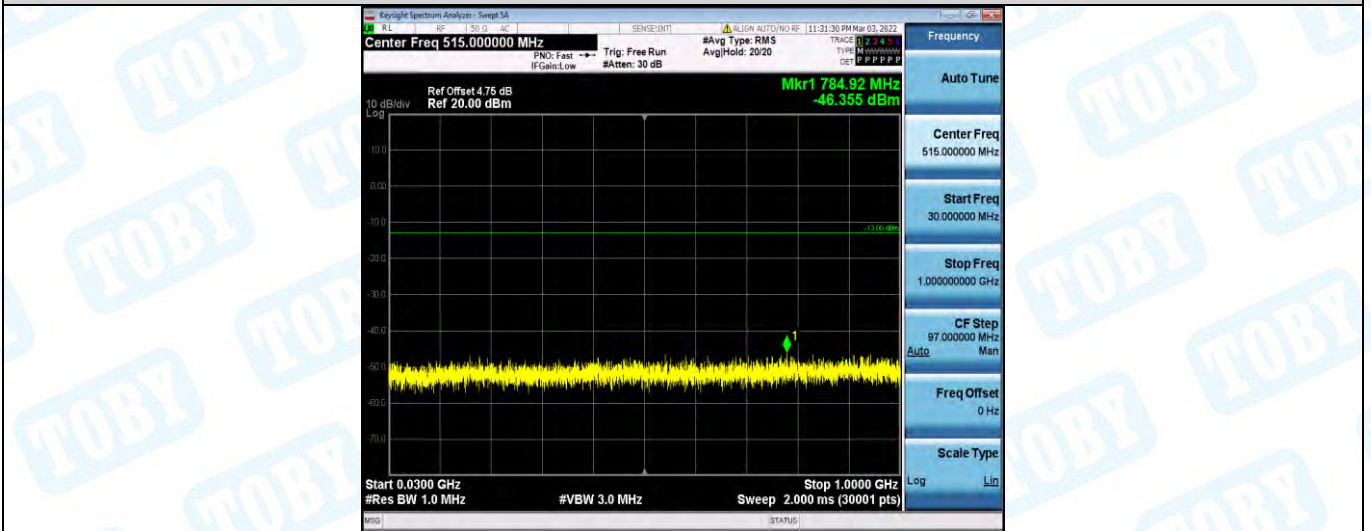
Band4-1312-3-0.15~30MHz



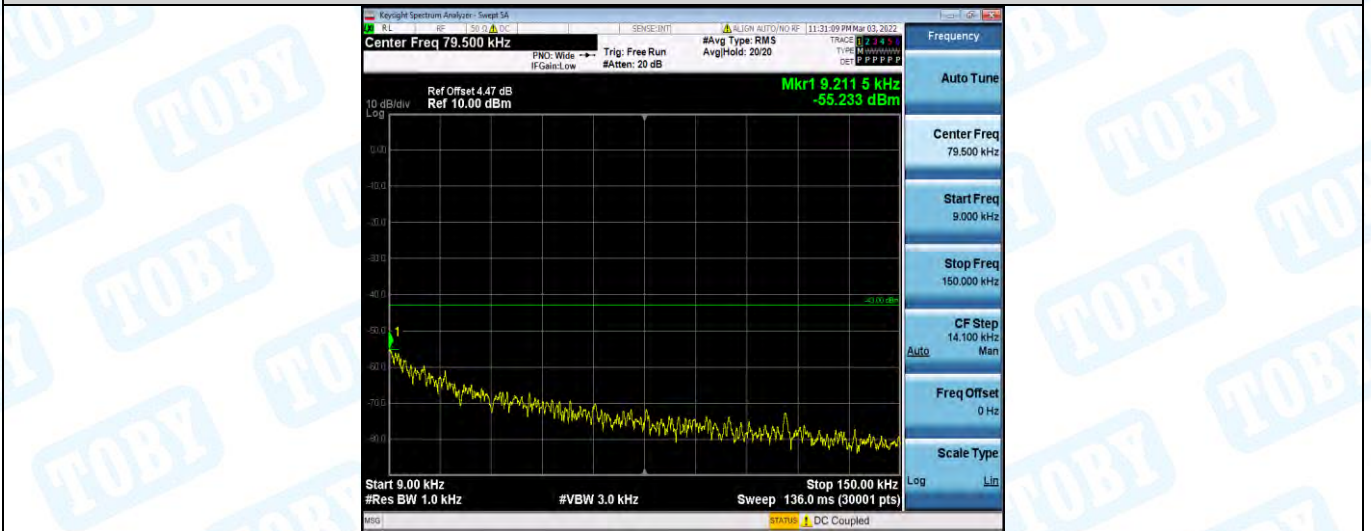
Band4-1312-4-0.15~30MHz



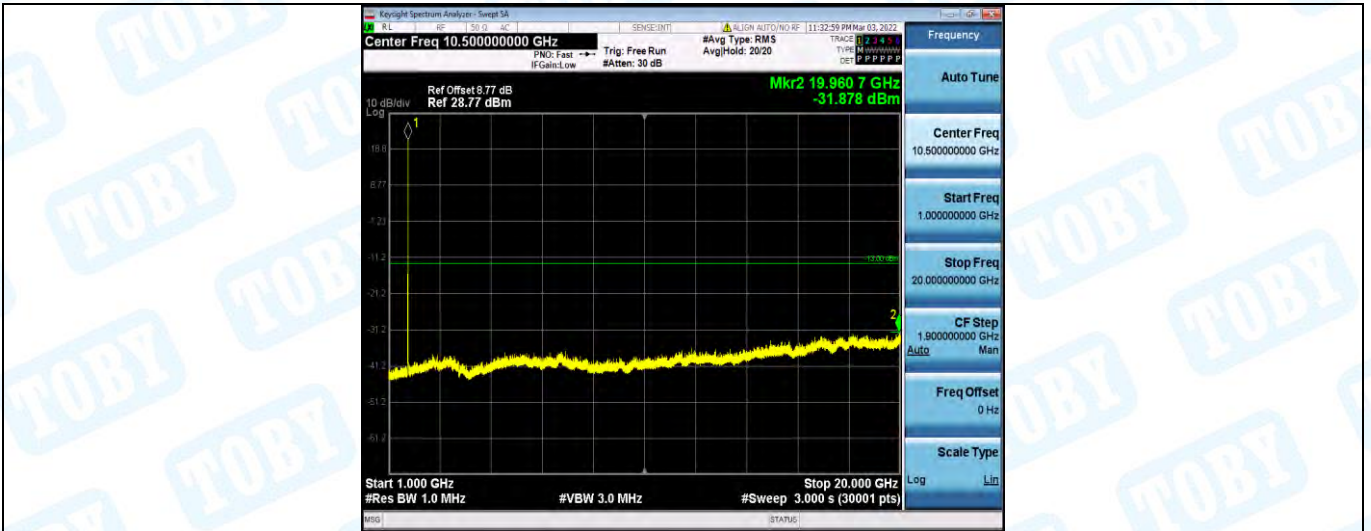
Band4-1312-4-30~1000MHz



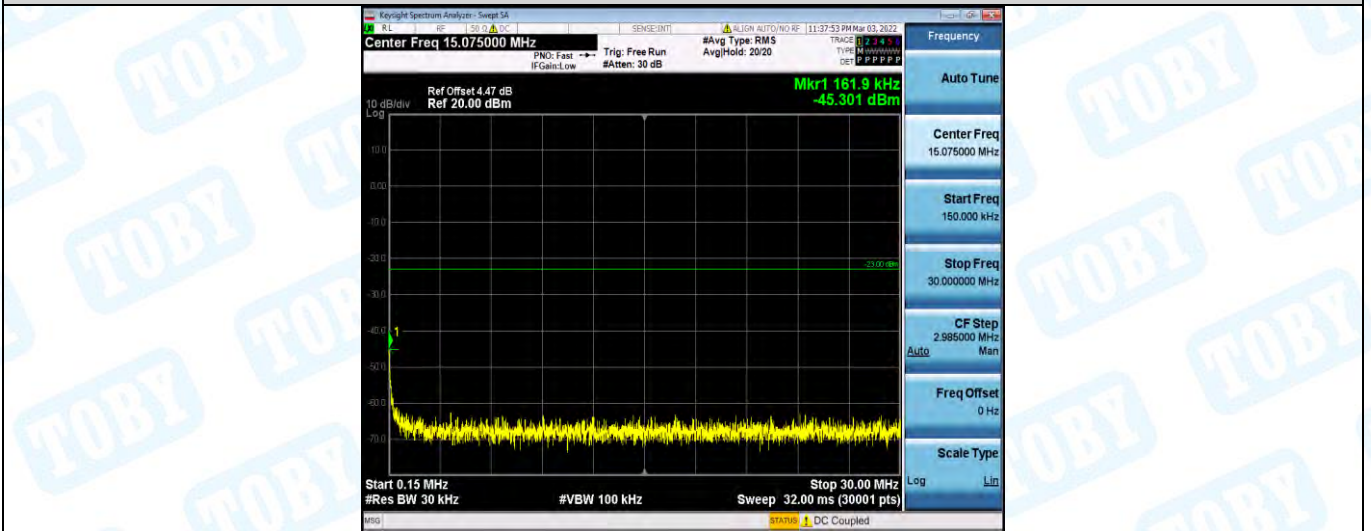
Band4-1312-4-0.009~0.15MHz



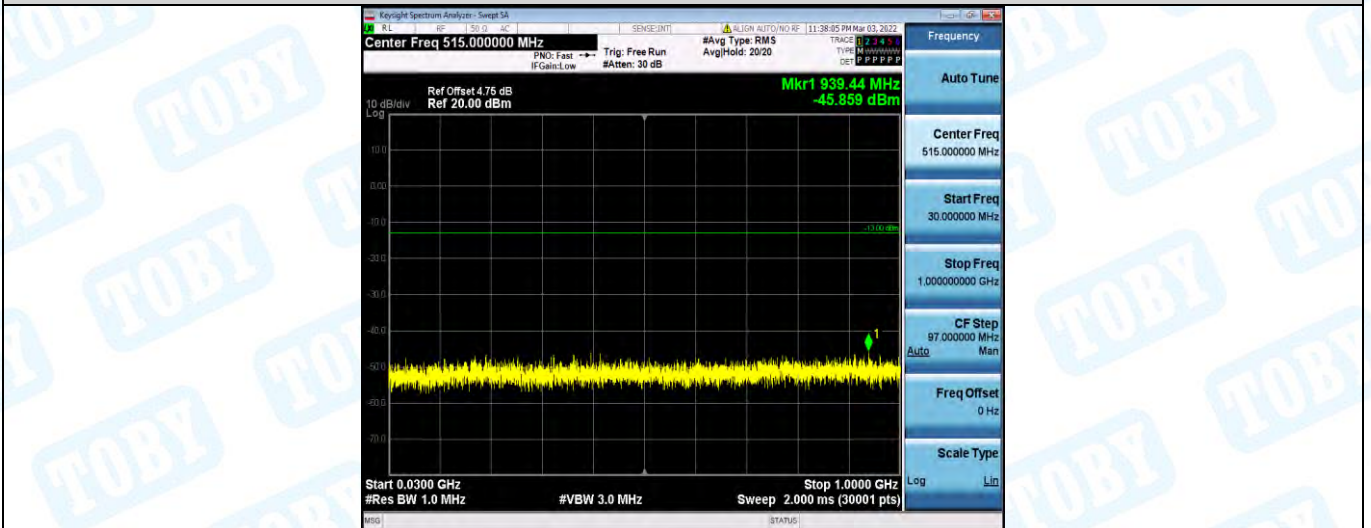
Band4-1312-4-1000~20000MHz



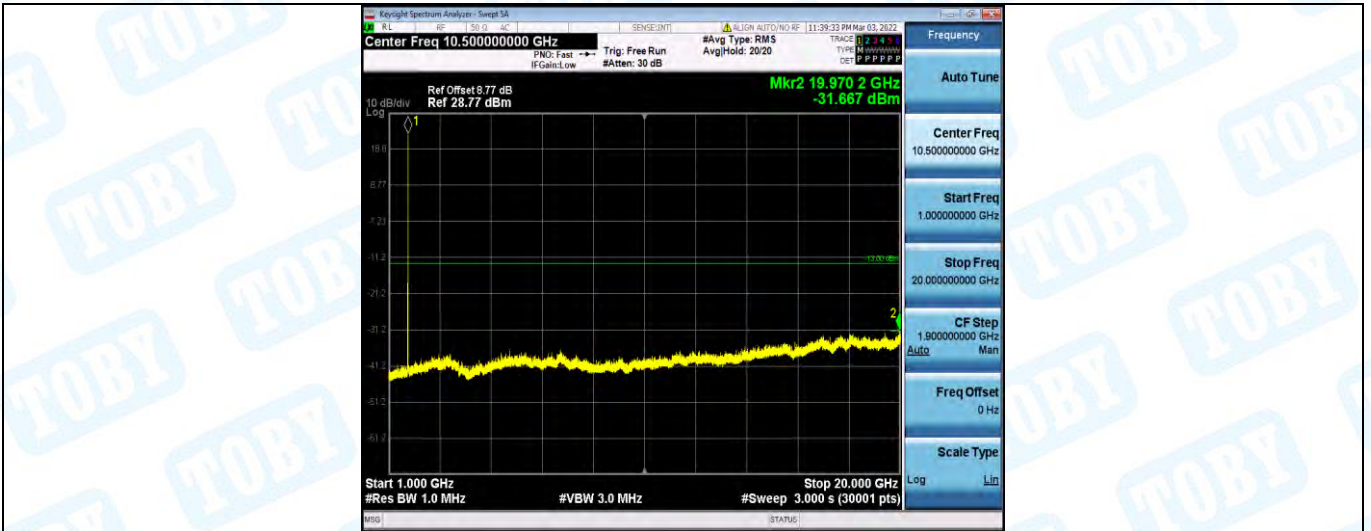
Band4-1312-5-0.15~30MHz



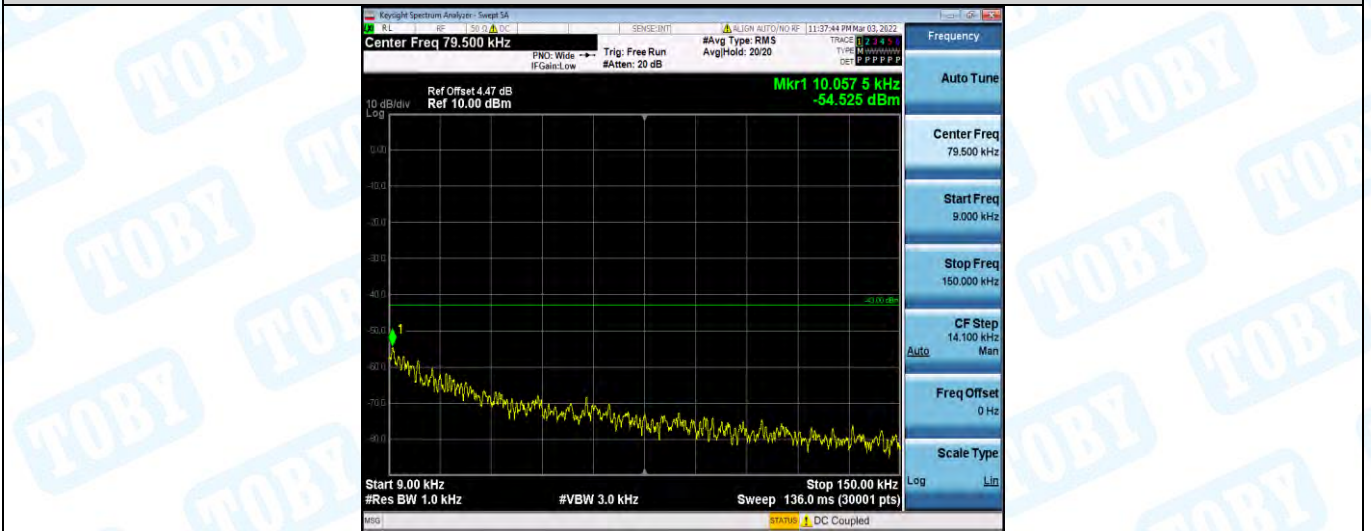
Band4-1312-5-30~100MHz



Band4-1312-5-1000~20000MHz



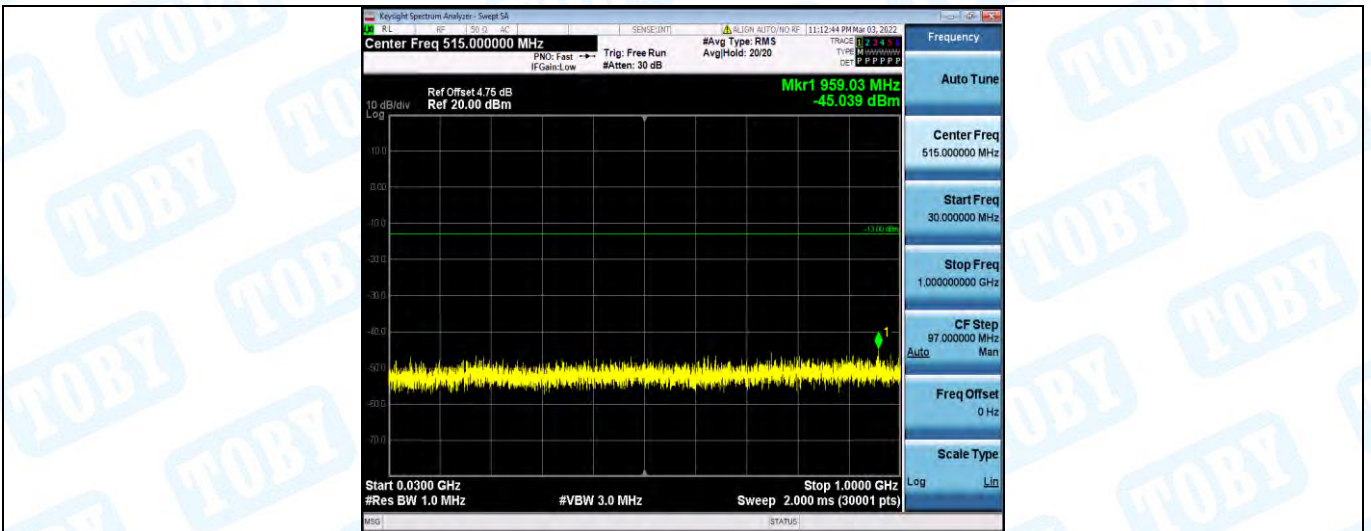
Band4-1312-5-0.009~0.15MHz



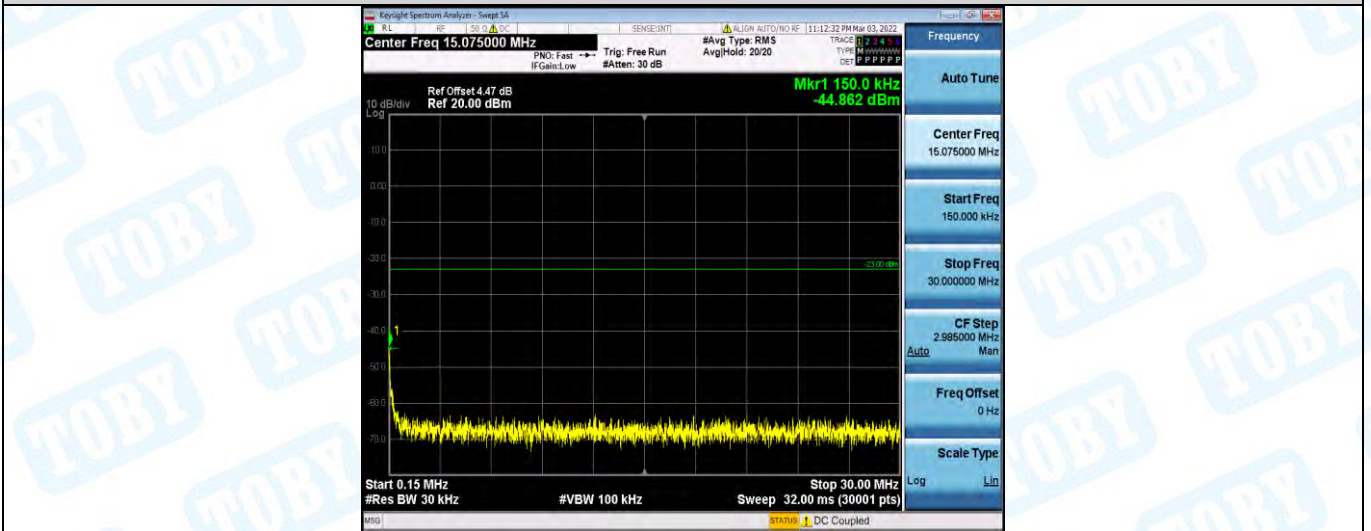
Band4-1413-1-1000~20000MHz



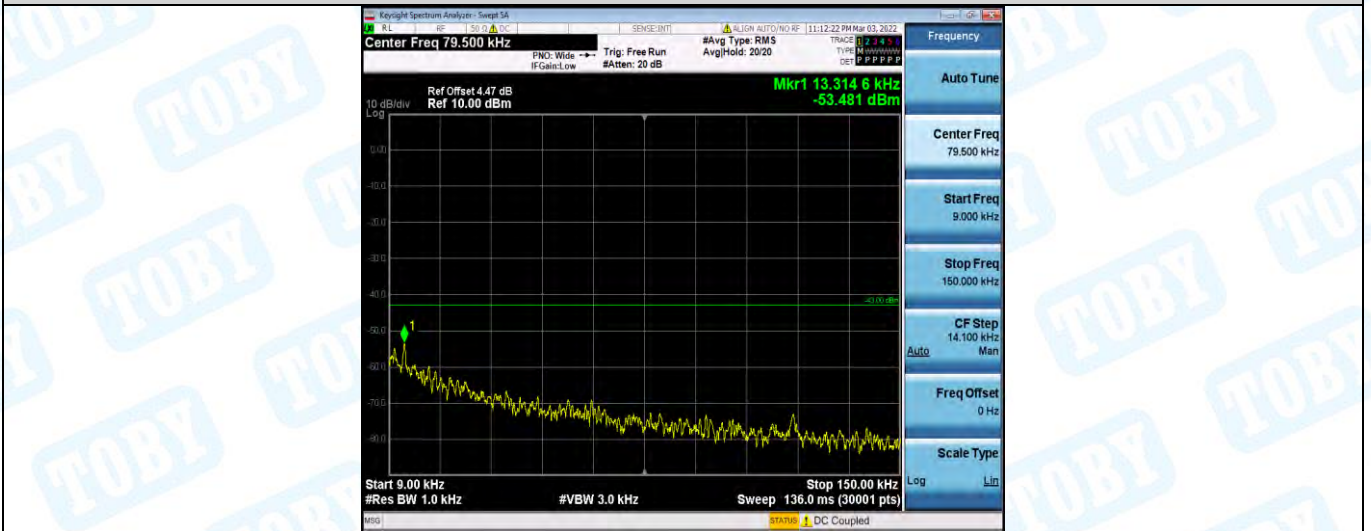
Band4-1413-1-30~1000MHz



Band4-1413-1-0.15~30MHz



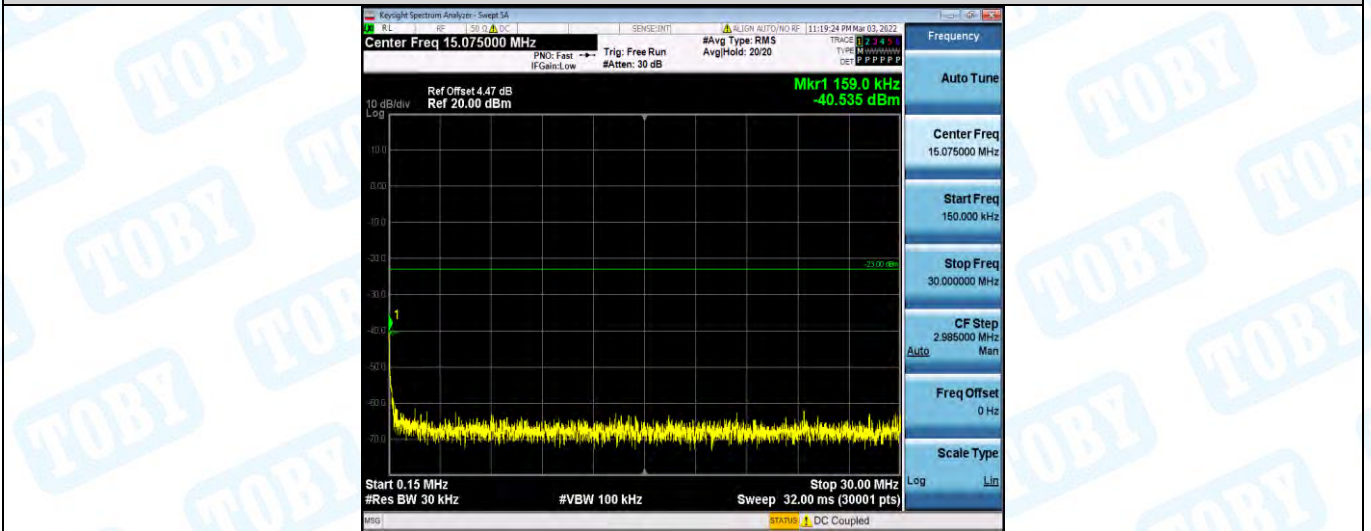
Band4-1413-1-0.009~0.15MHz



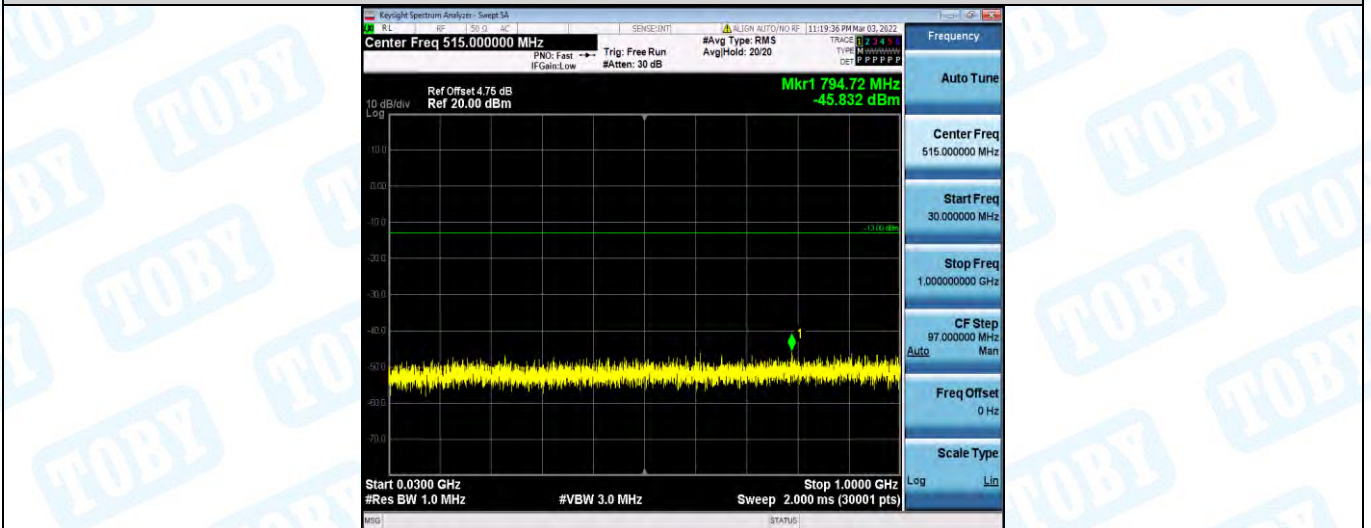
Band4-1413-2-0.009~0.15MHz



Band4-1413-2-0.15~30MHz



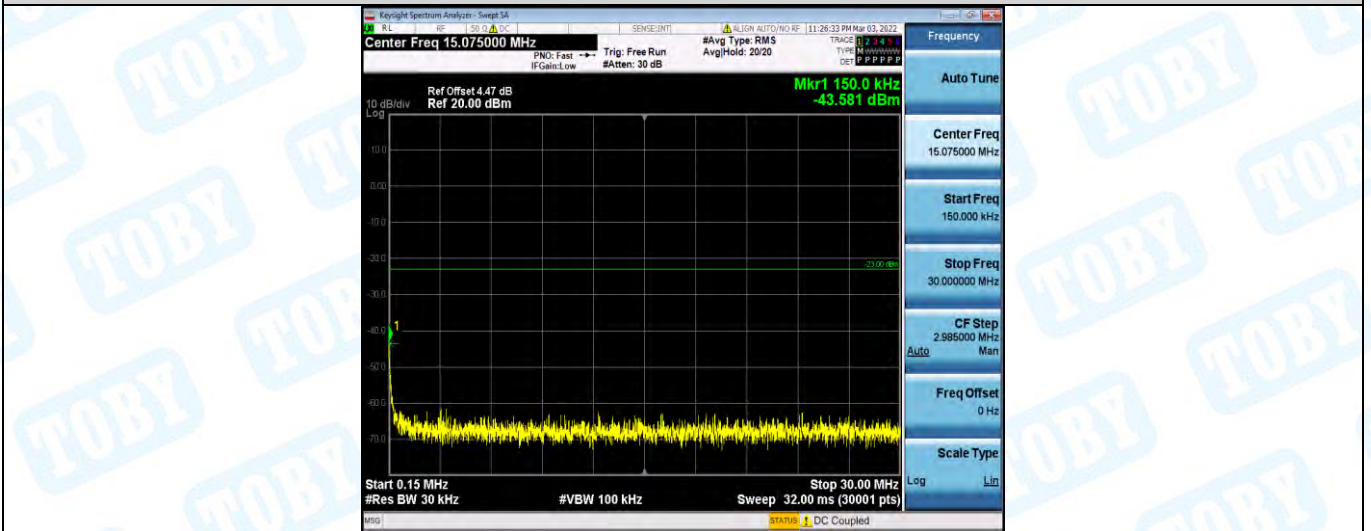
Band4-1413-2-30~1000MHz



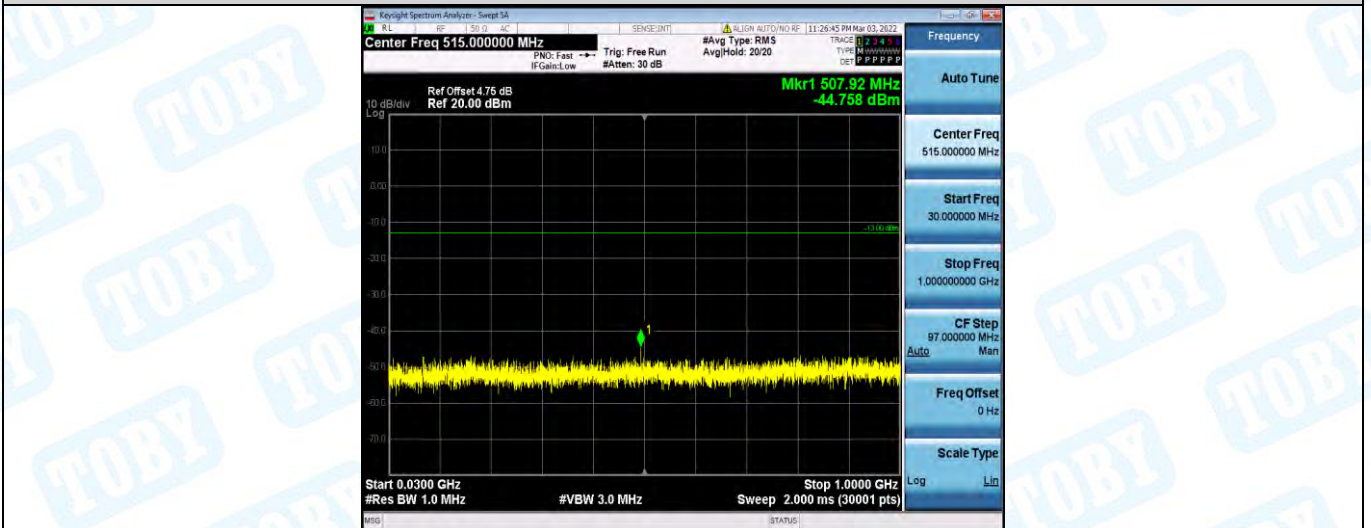
Band4-1413-2-1000~20000MHz



Band4-1413-3-0.15~30MHz



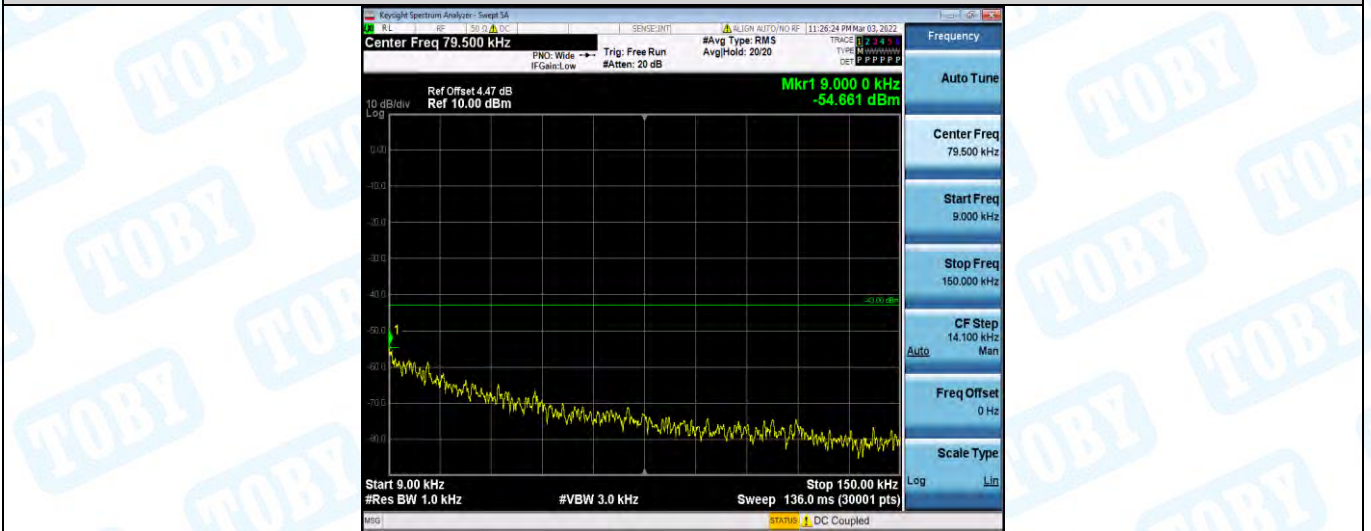
Band4-1413-3-30~1000MHz



Band4-1413-3-1000~20000MHz



Band4-1413-3-0.009~0.15MHz



Band4-1413-4-1000~20000MHz

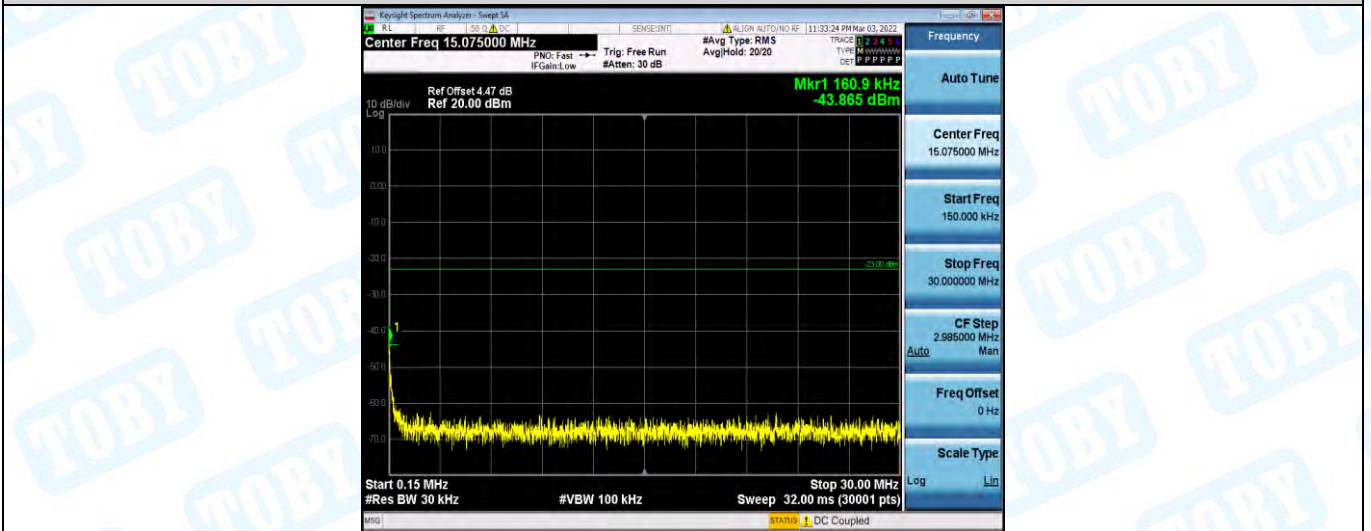


Band4-1413-4-0.009~0.15MHz

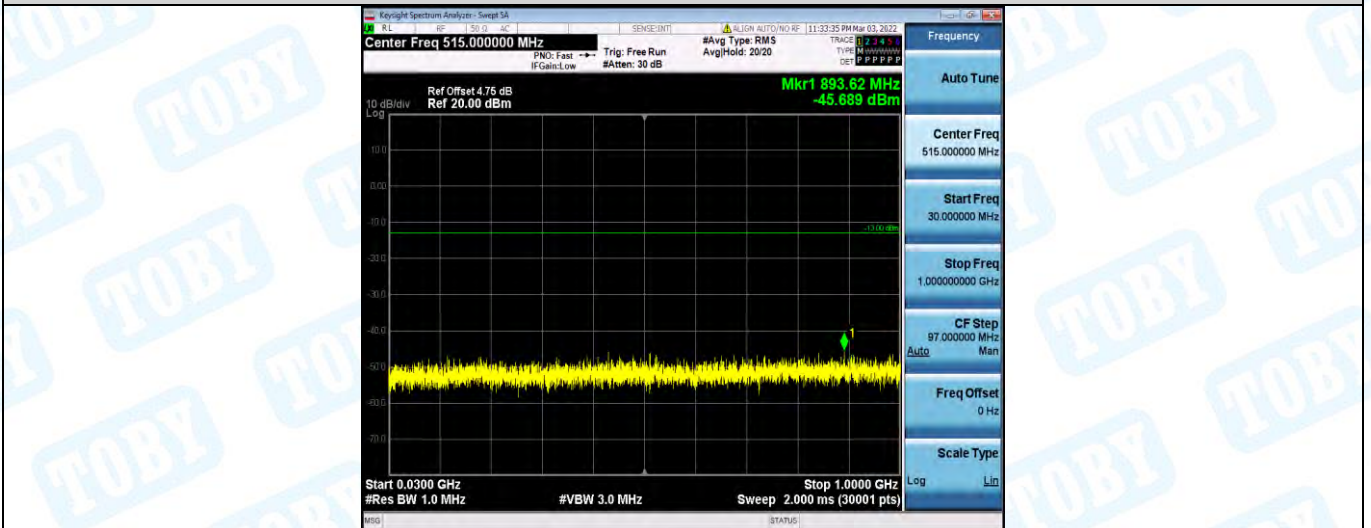




Band4-1413-4-0.15~30MHz



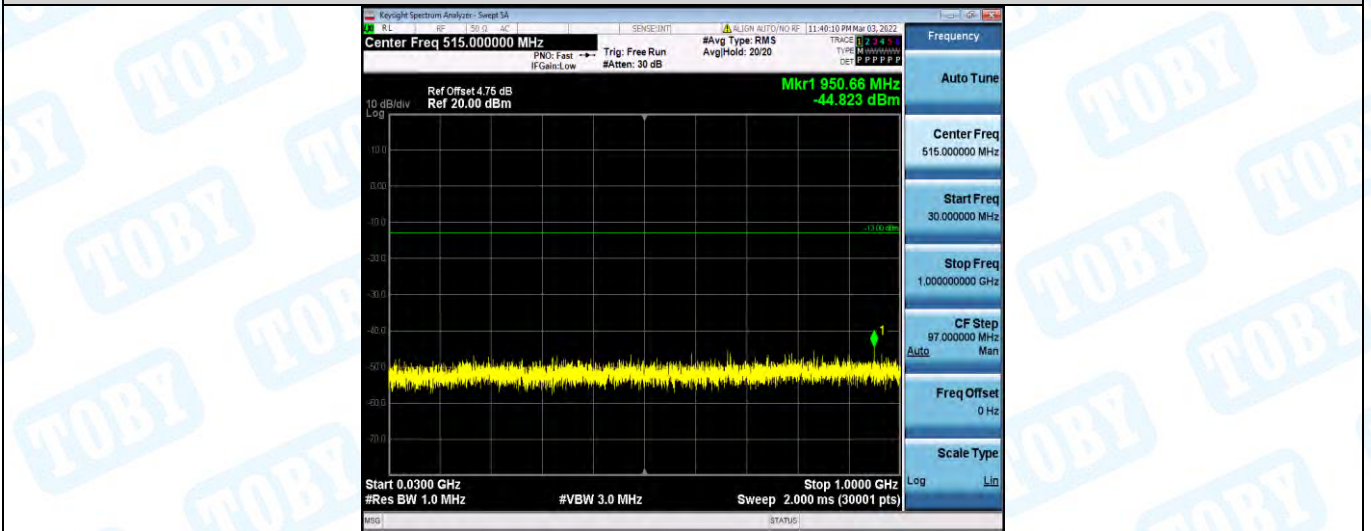
Band4-1413-4-30~1000MHz



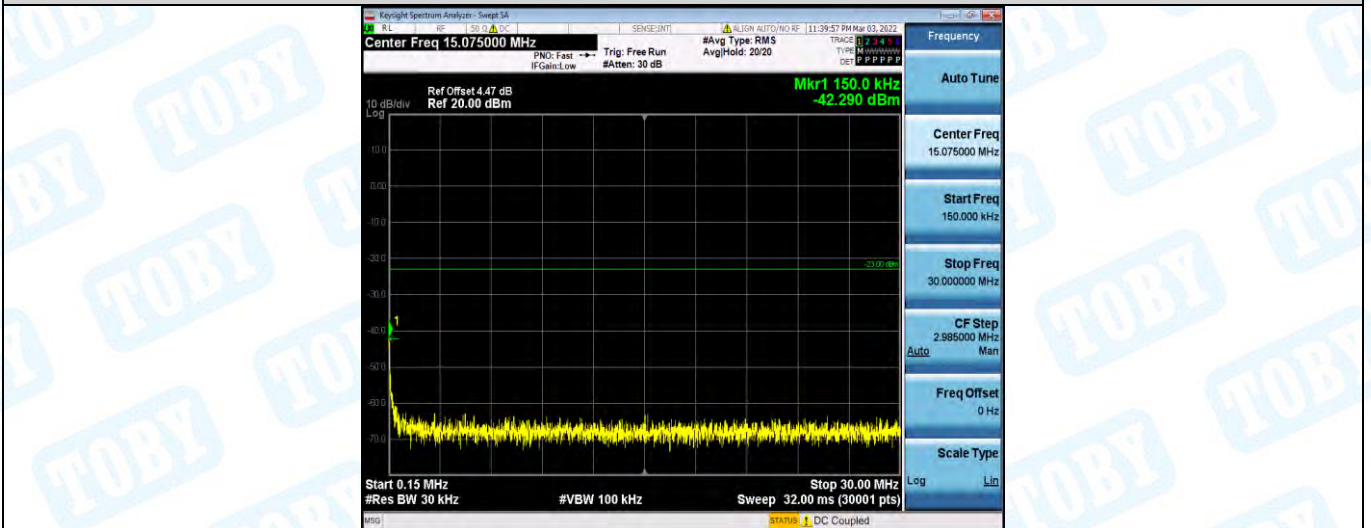
Band4-1413-5-1000~20000MHz



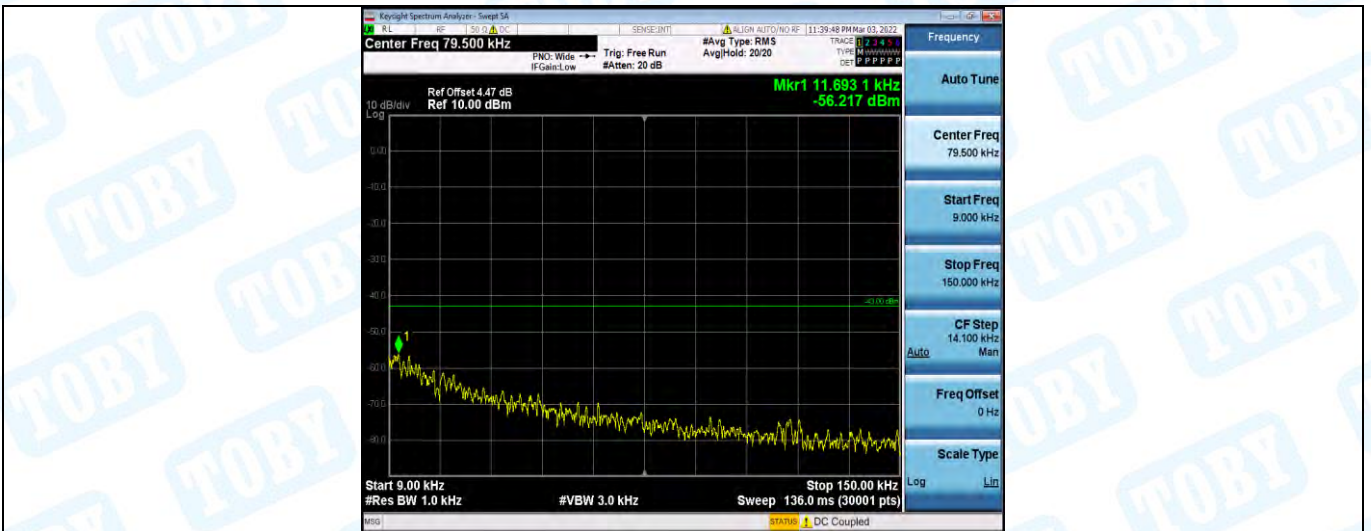
Band4-1413-5-30~1000MHz



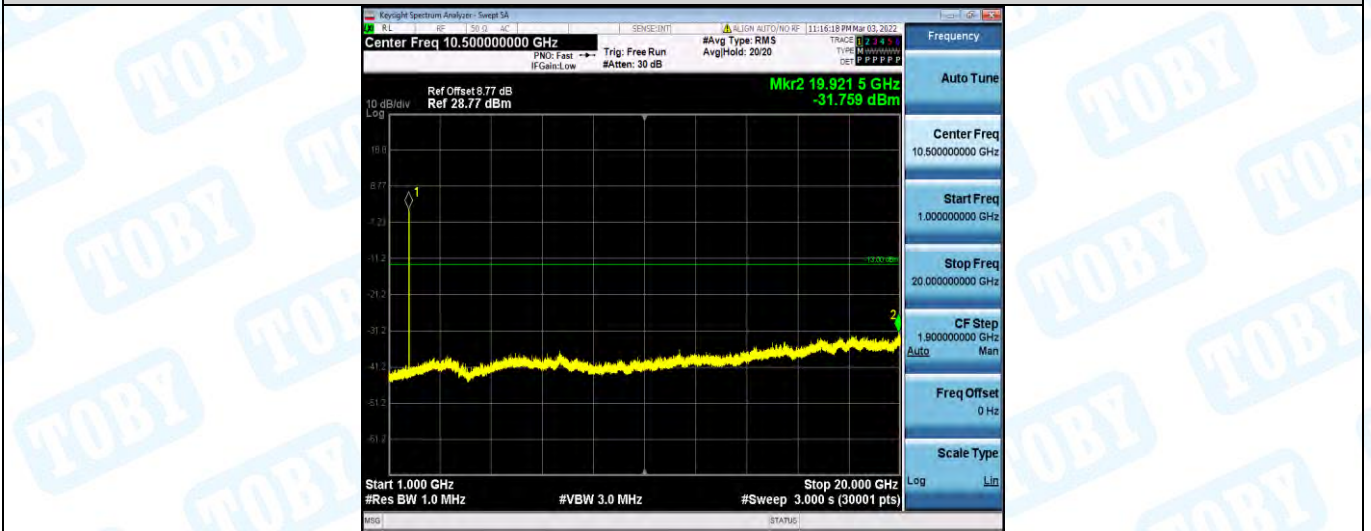
Band4-1413-5-0.15~30MHz



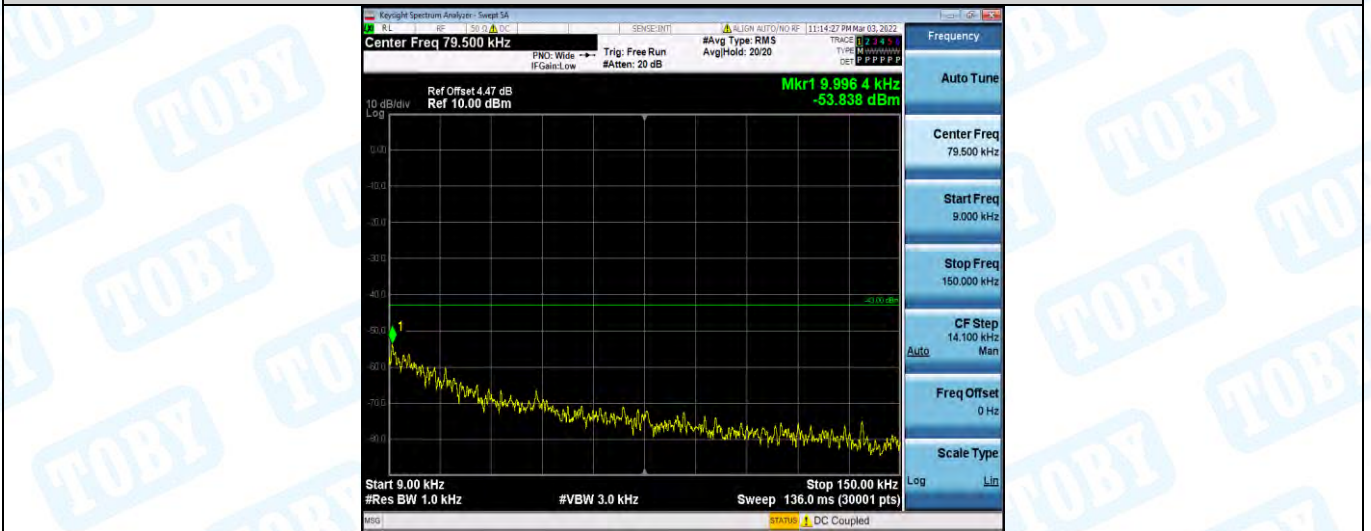
Band4-1413-5-0.009~0.15MHz



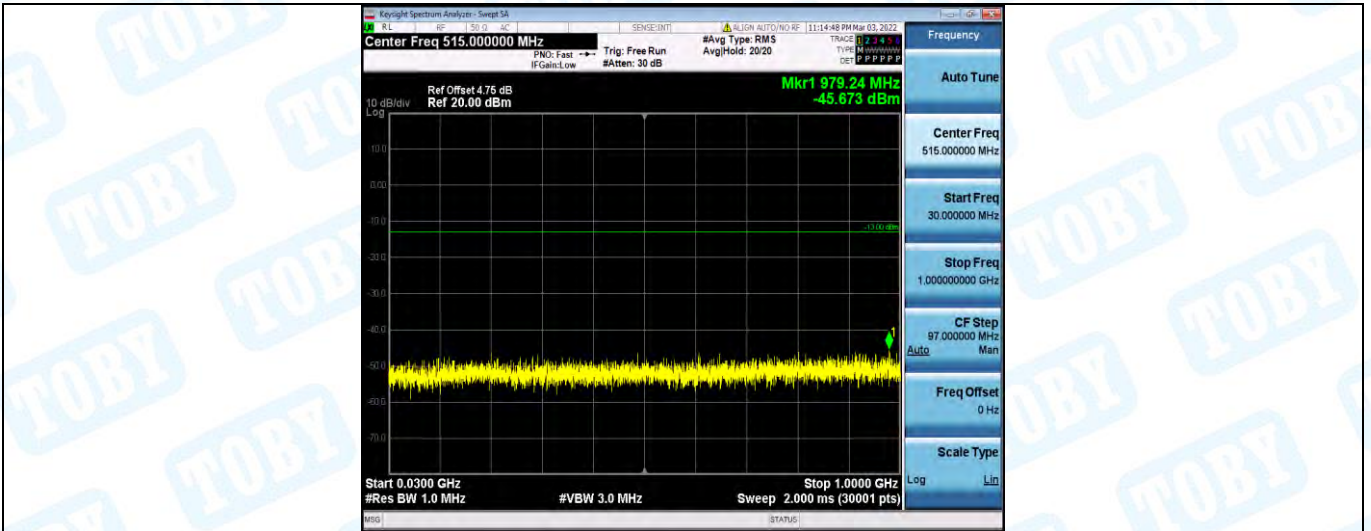
Band4-1513-1-1000~20000MHz



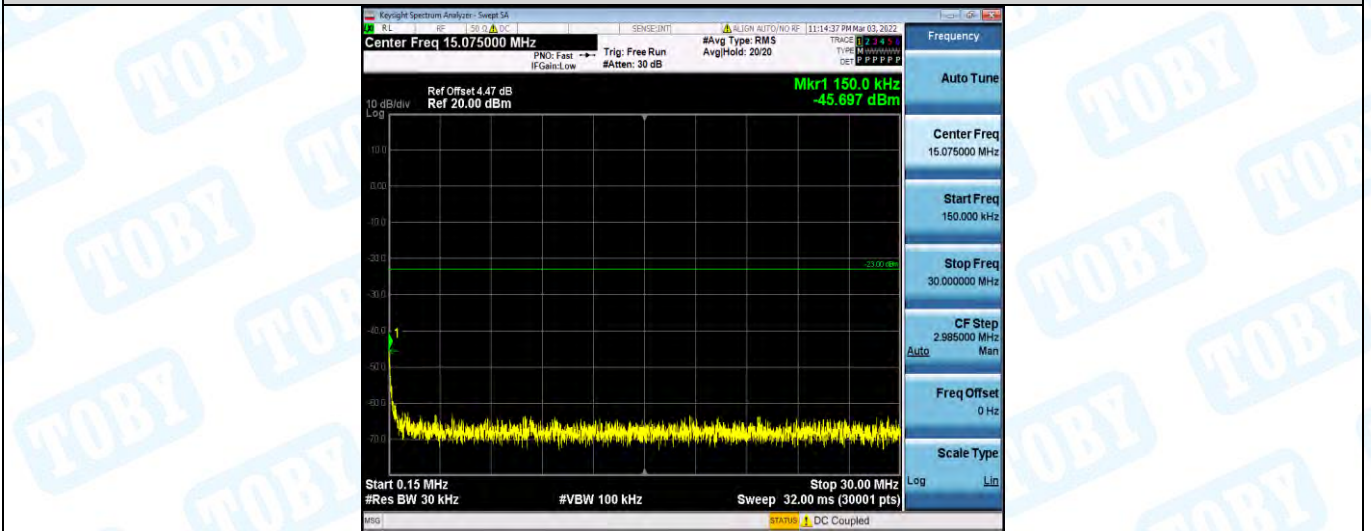
Band4-1513-1-0.009~0.15MHz



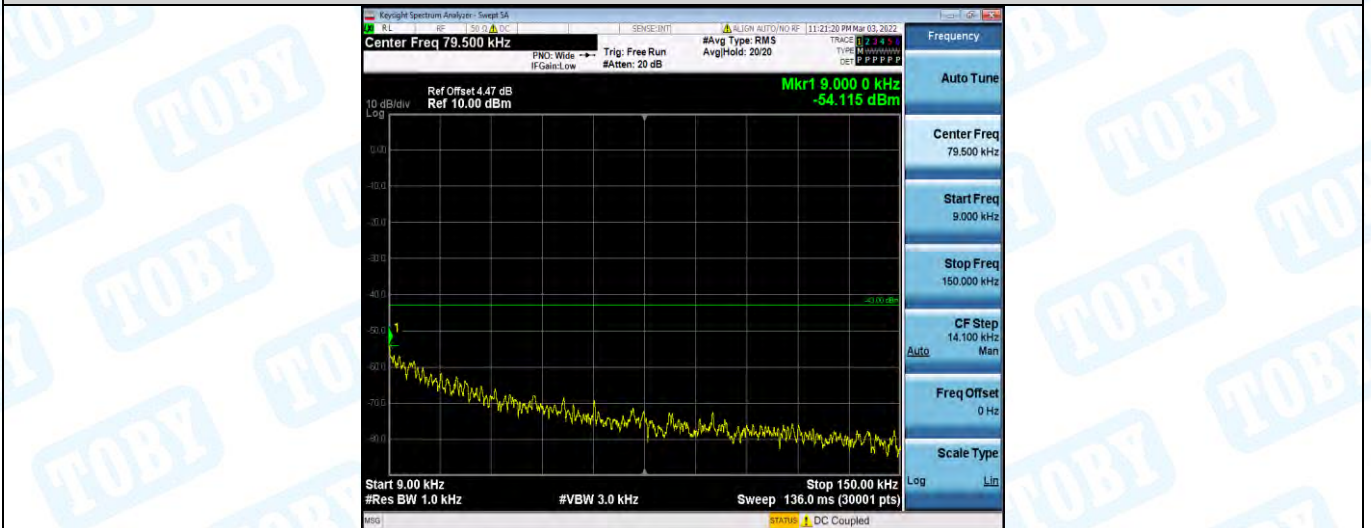
Band4-1513-1-30~1000MHz



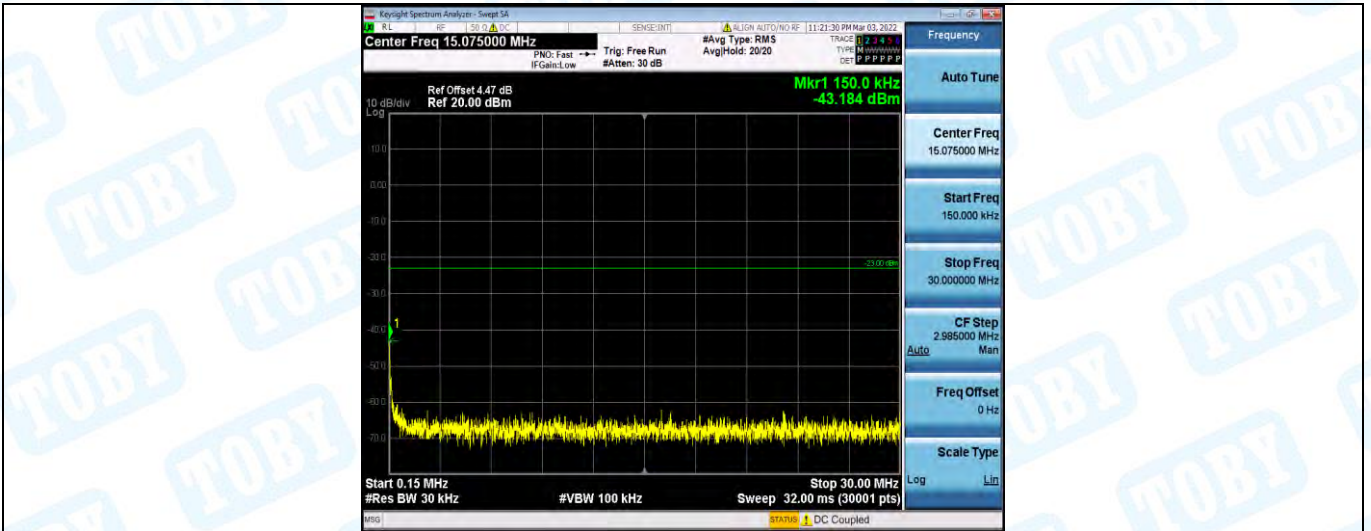
Band4-1513-1-0.15~30MHz



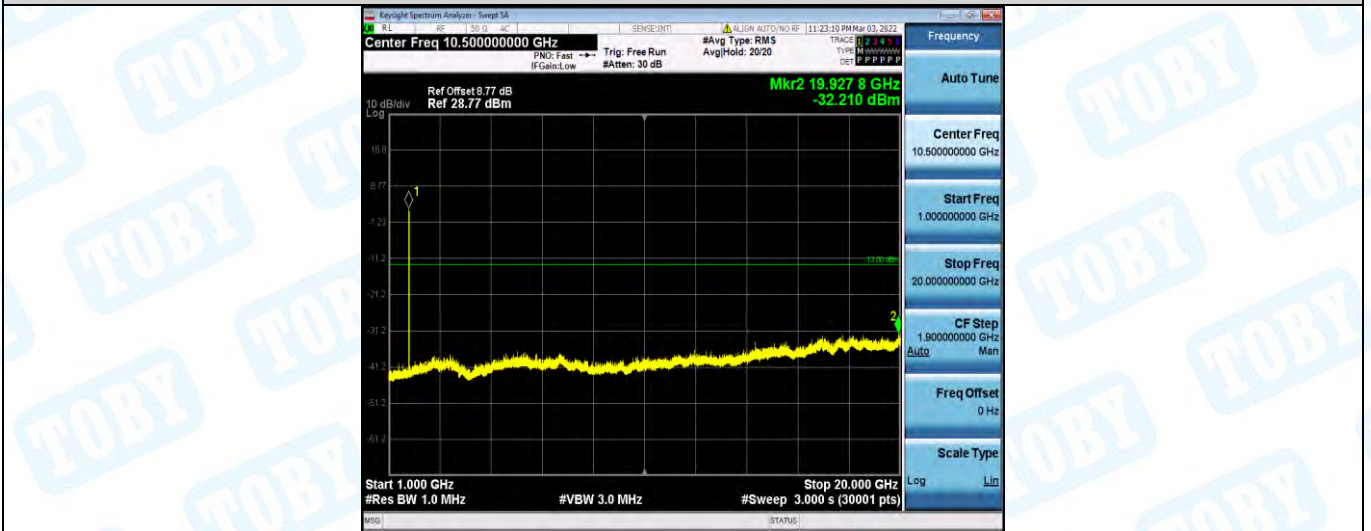
Band4-1513-2-0.009~0.15MHz



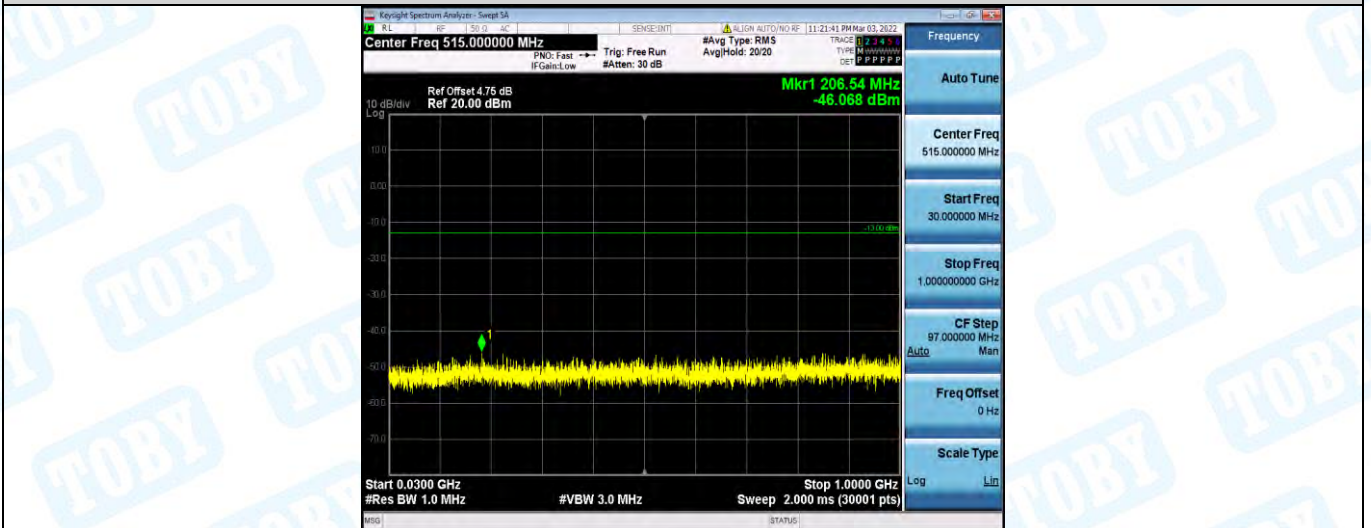
Band4-1513-2-0.15~30MHz



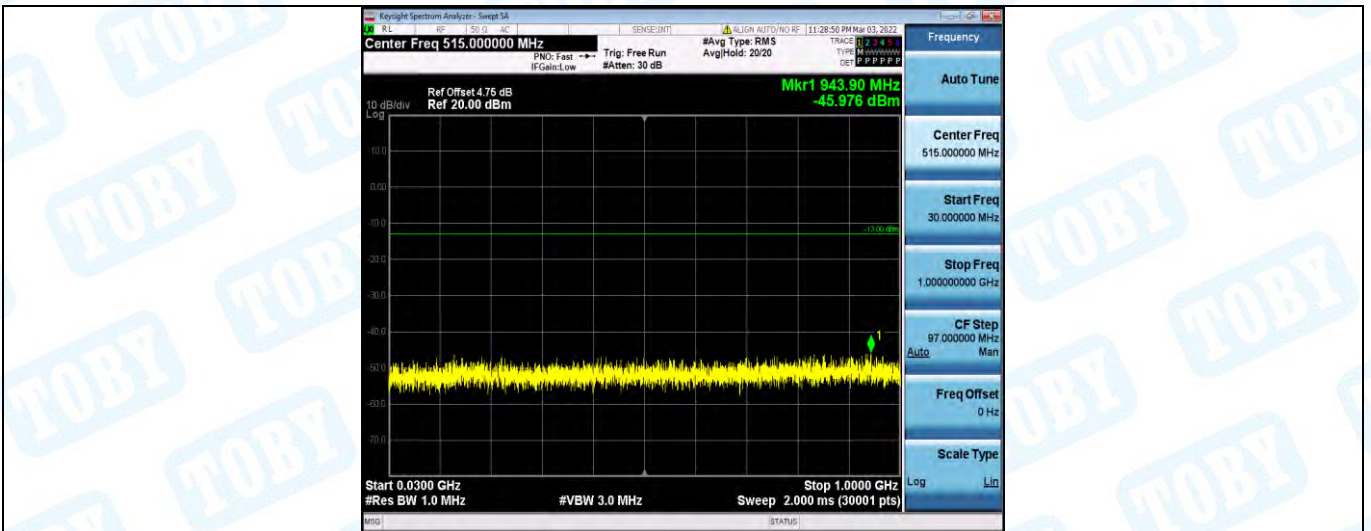
Band4-1513-2-1000~20000MHz



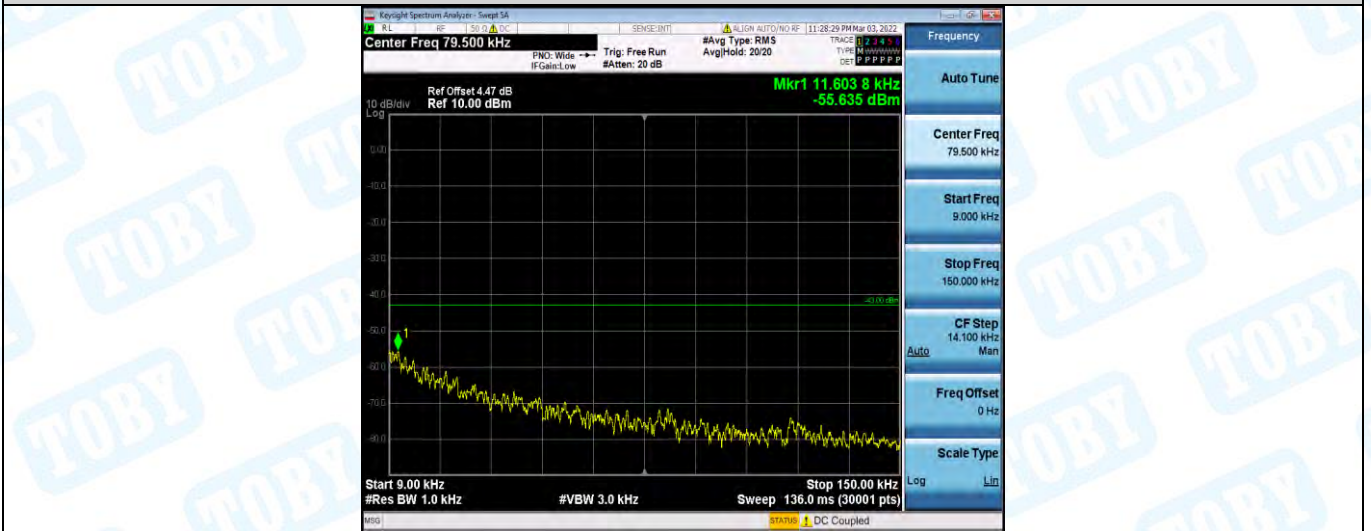
Band4-1513-2-30~1000MHz



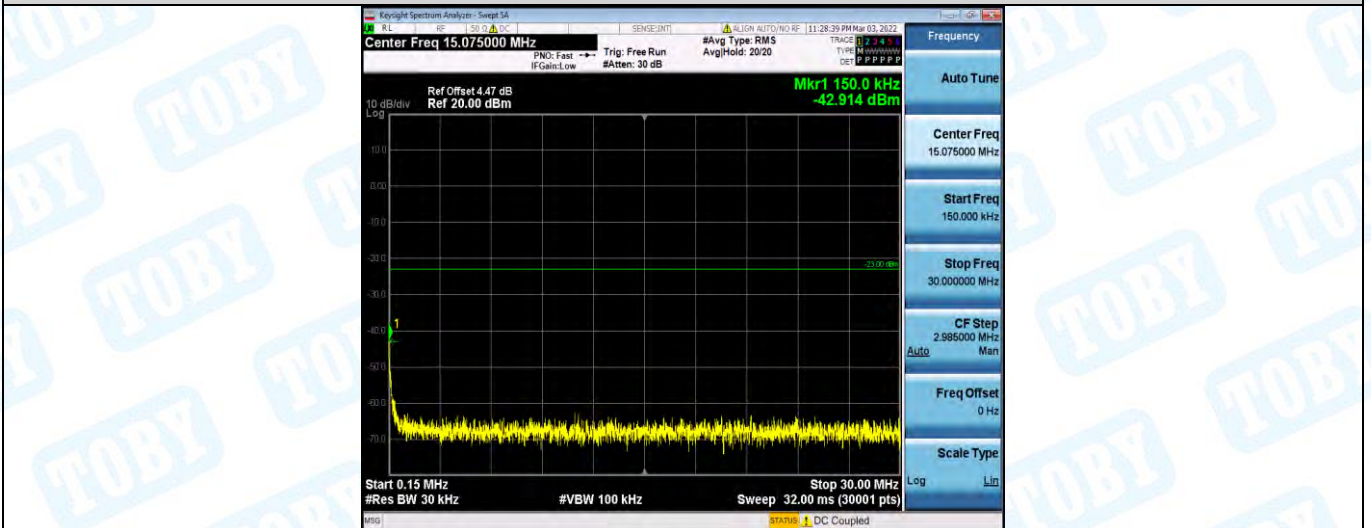
Band4-1513-3-30~1000MHz



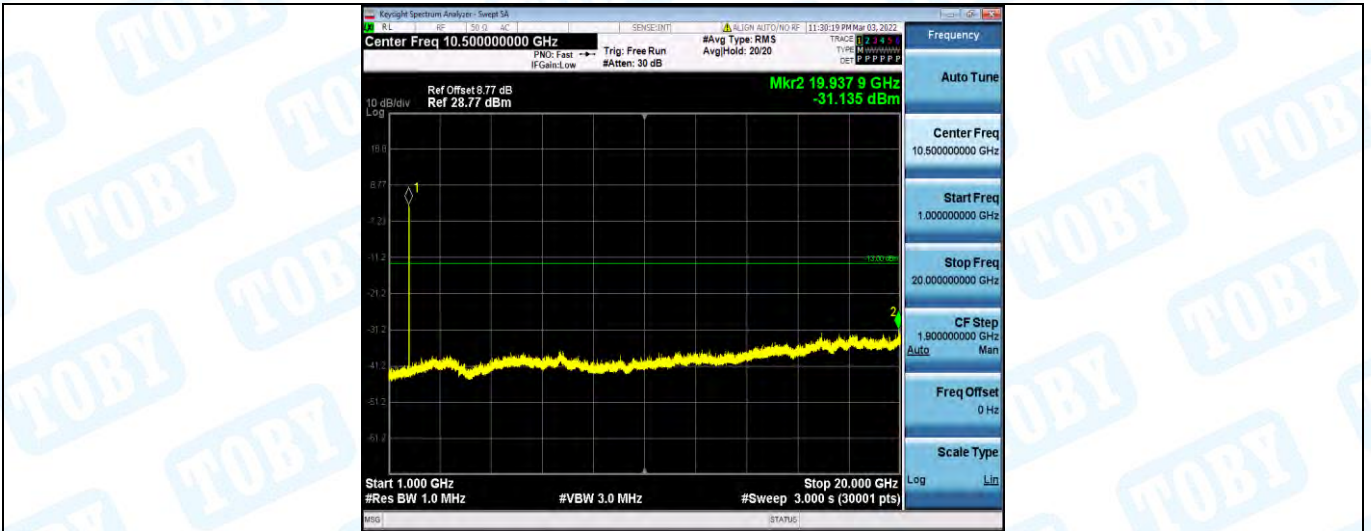
Band4-1513-3-0.009~0.15MHz



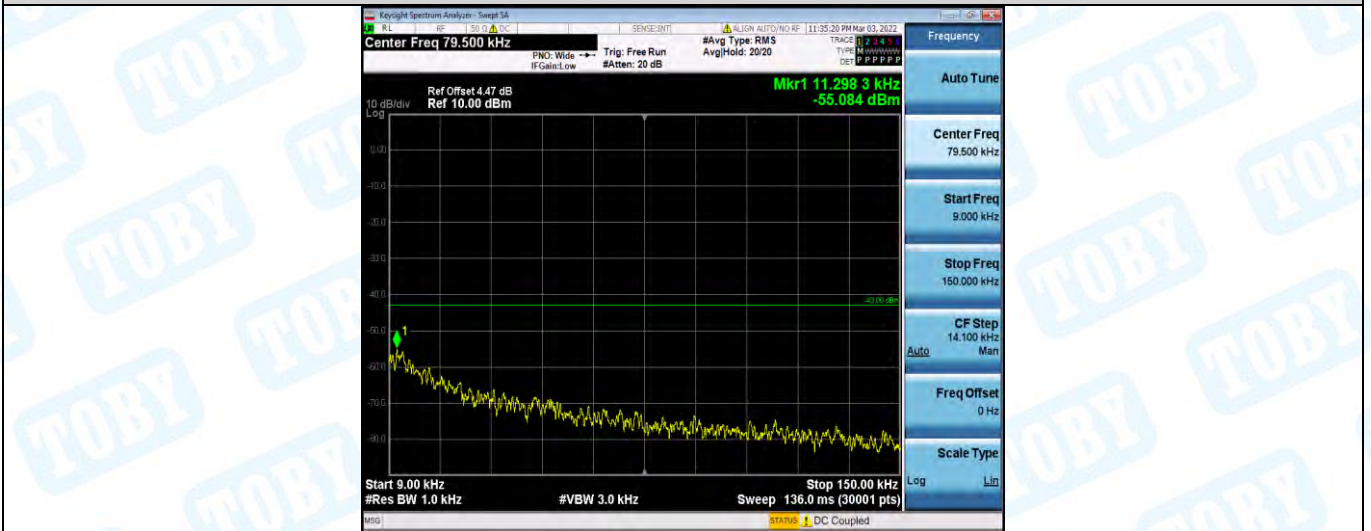
Band4-1513-3-0.15~30MHz



Band4-1513-3-1000~20000MHz



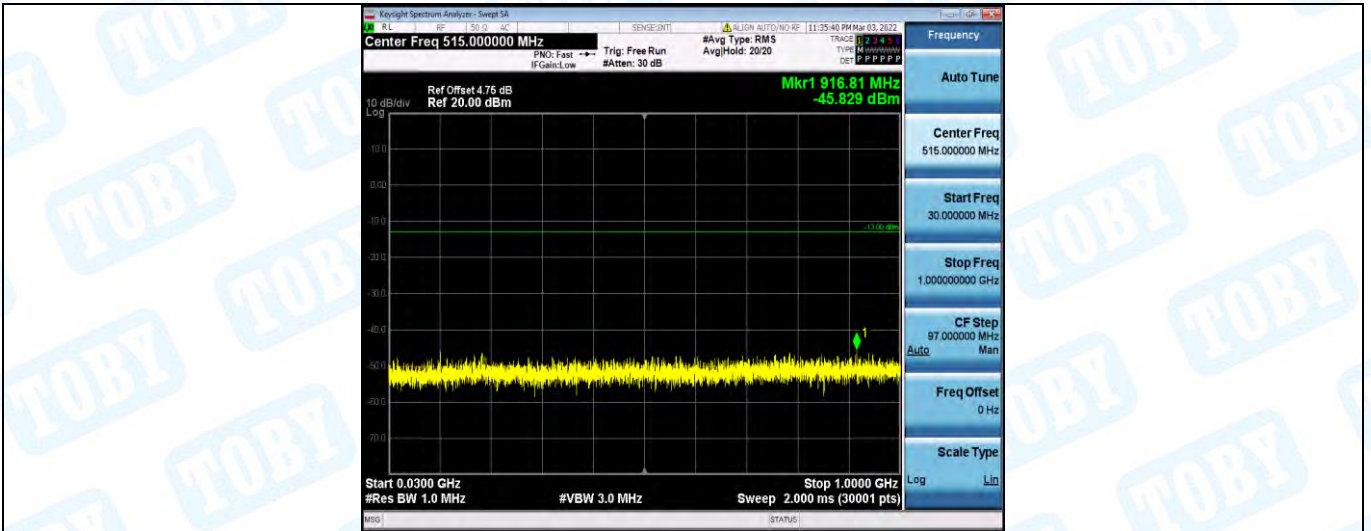
Band4-1513-4-0.009~0.15MHz



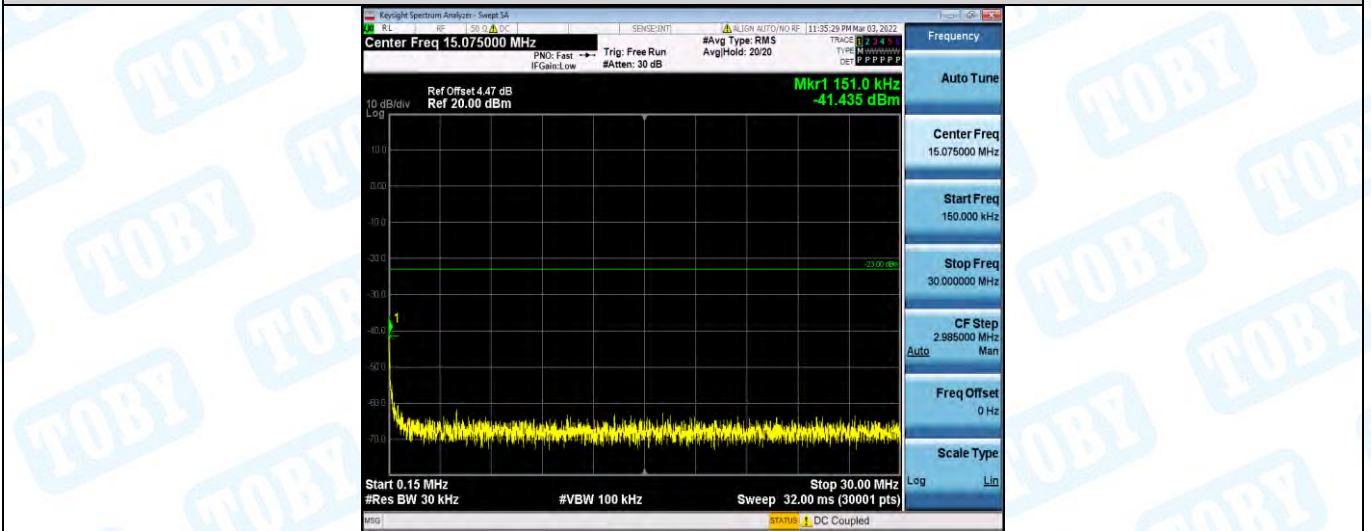
Band4-1513-4-1000~20000MHz



Band4-1513-4-30~100MHz



Band4-1513-4-0.15~30MHz

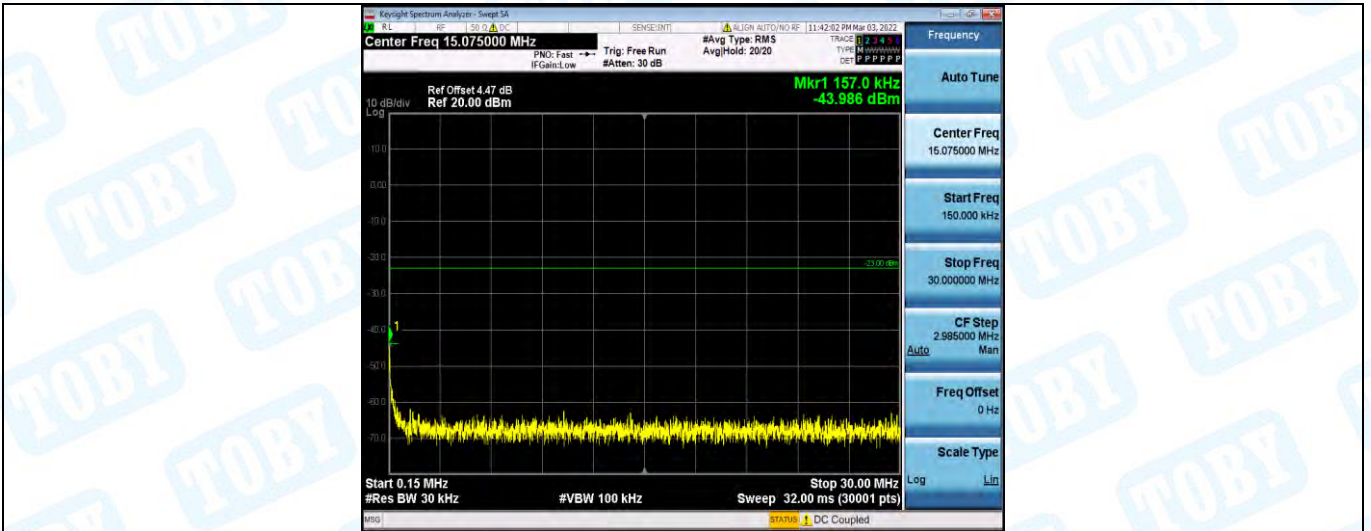


Band4-1513-5-1000~20000MHz

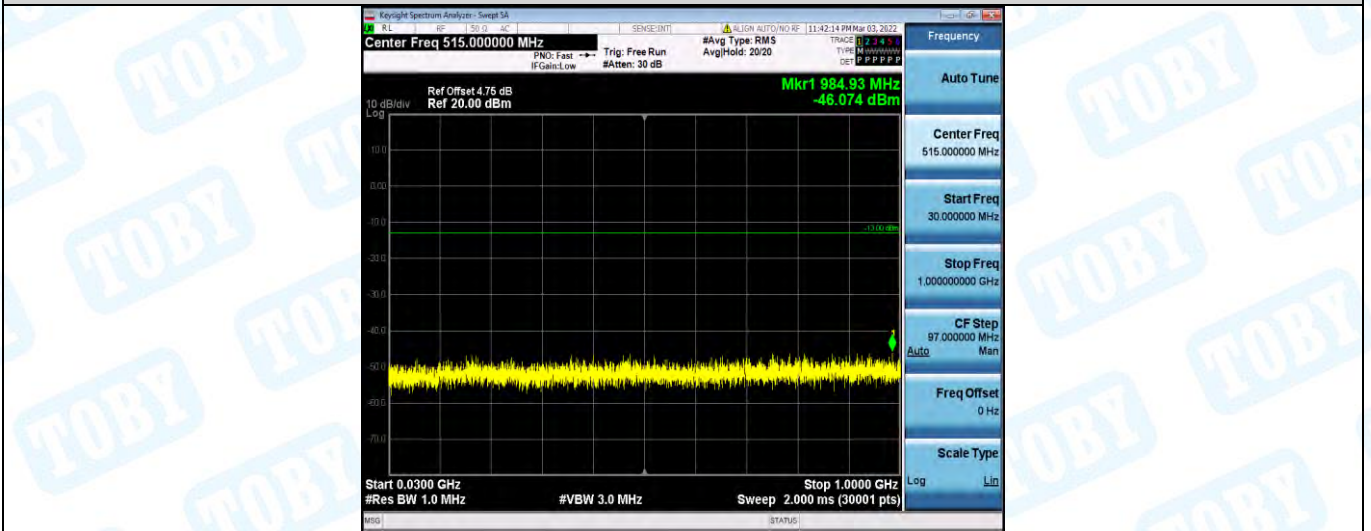


Band4-1513-5-0.15~30MHz

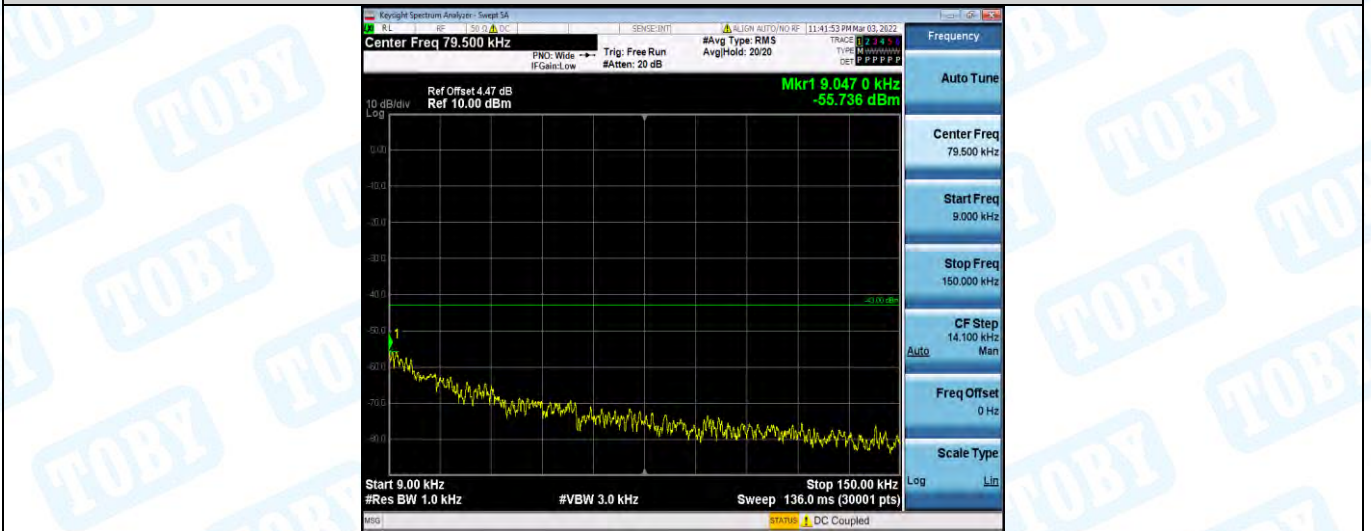




Band4-1513-5-30~1000MHz



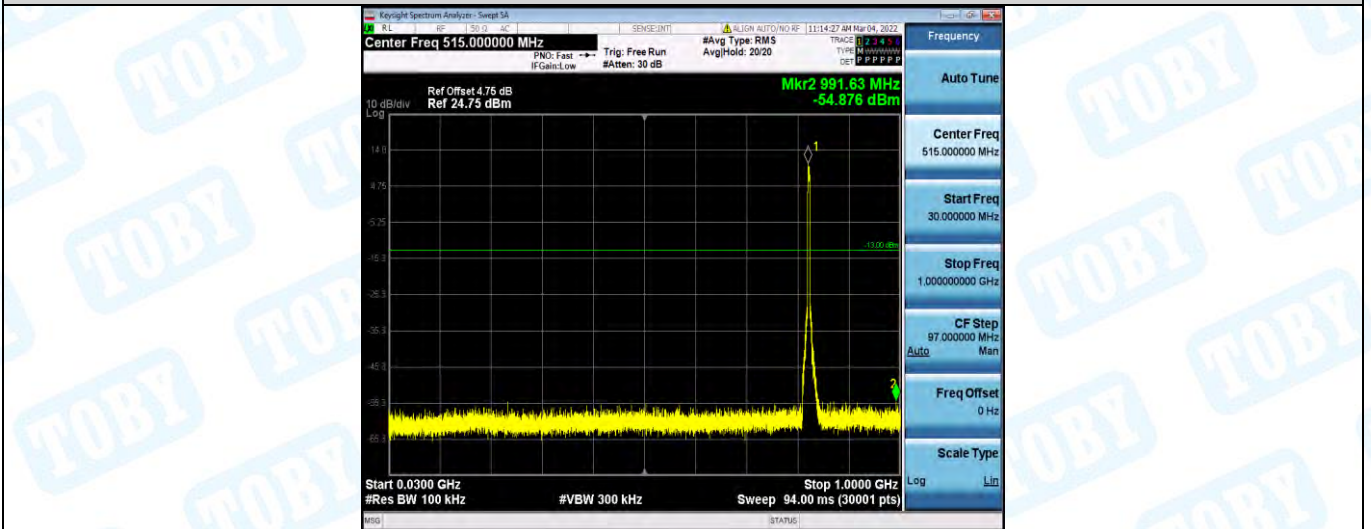
Band4-1513-5-0.009~0.15MHz



Band5-4132-1-1000~10000MHz



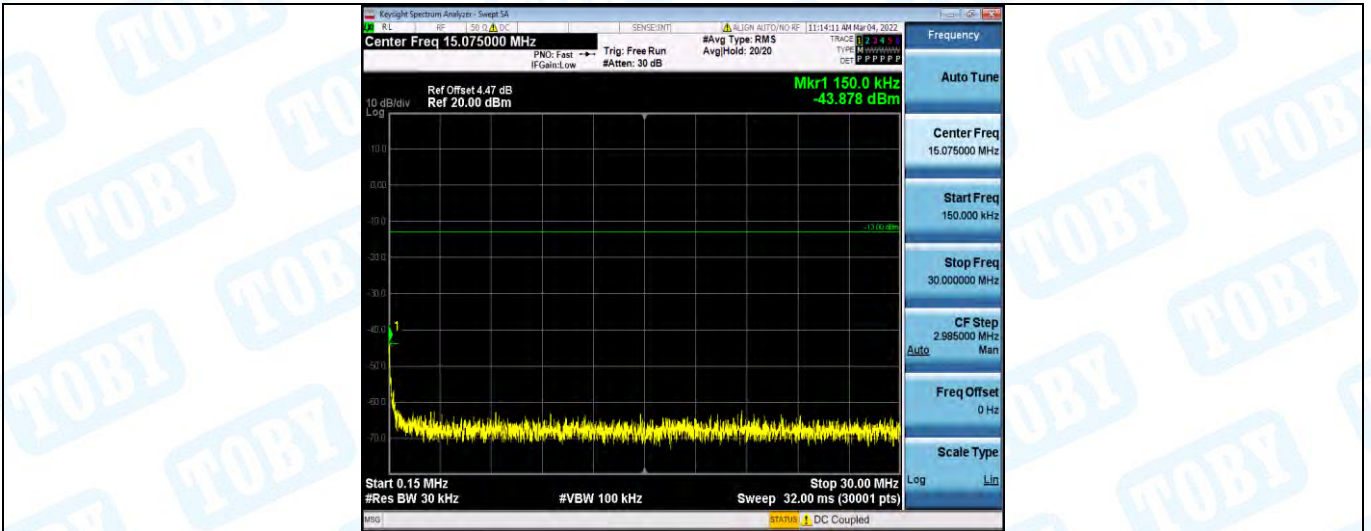
Band5-4132-1-30~1000MHz



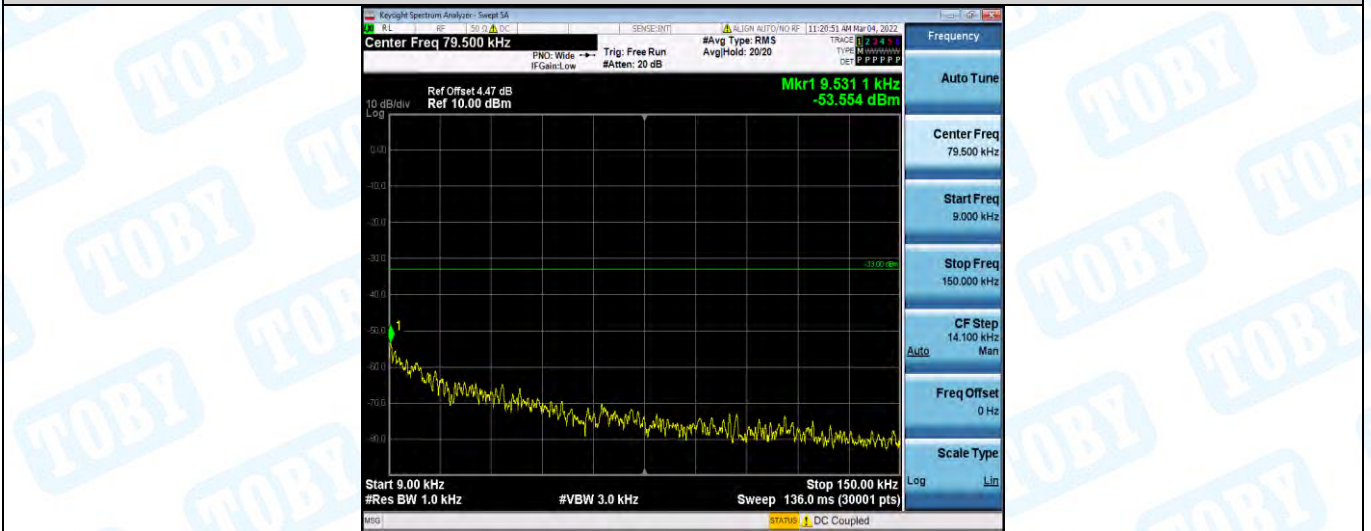
Band5-4132-1-0.009~0.15MHz



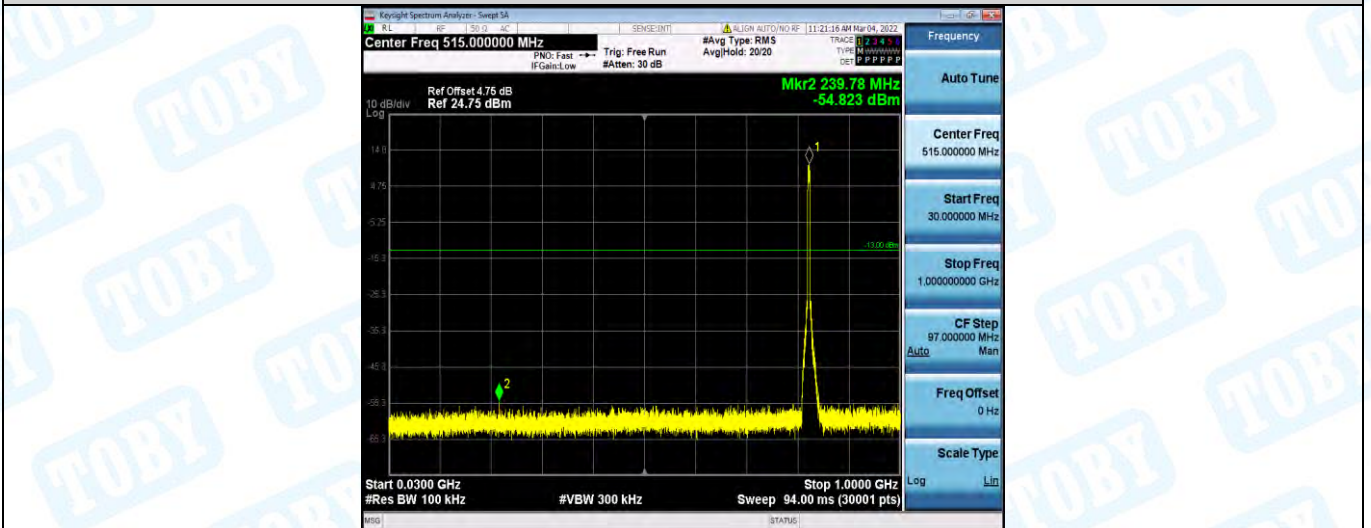
Band5-4132-1-0.15~30MHz



Band5-4132-2-0.009~0.15MHz



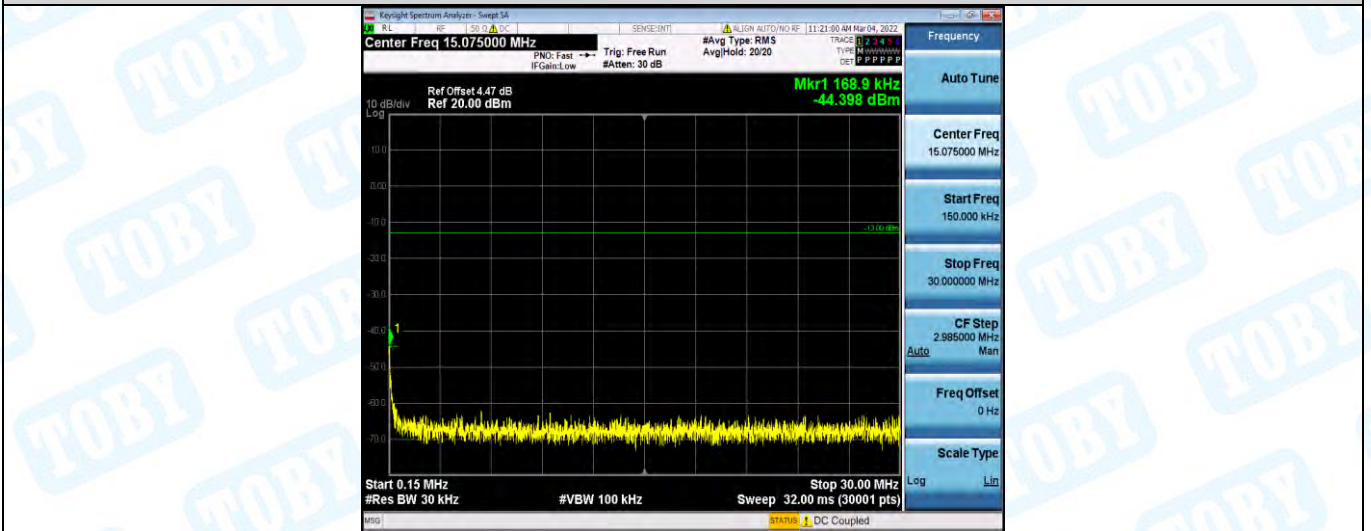
Band5-4132-2-30~1000MHz



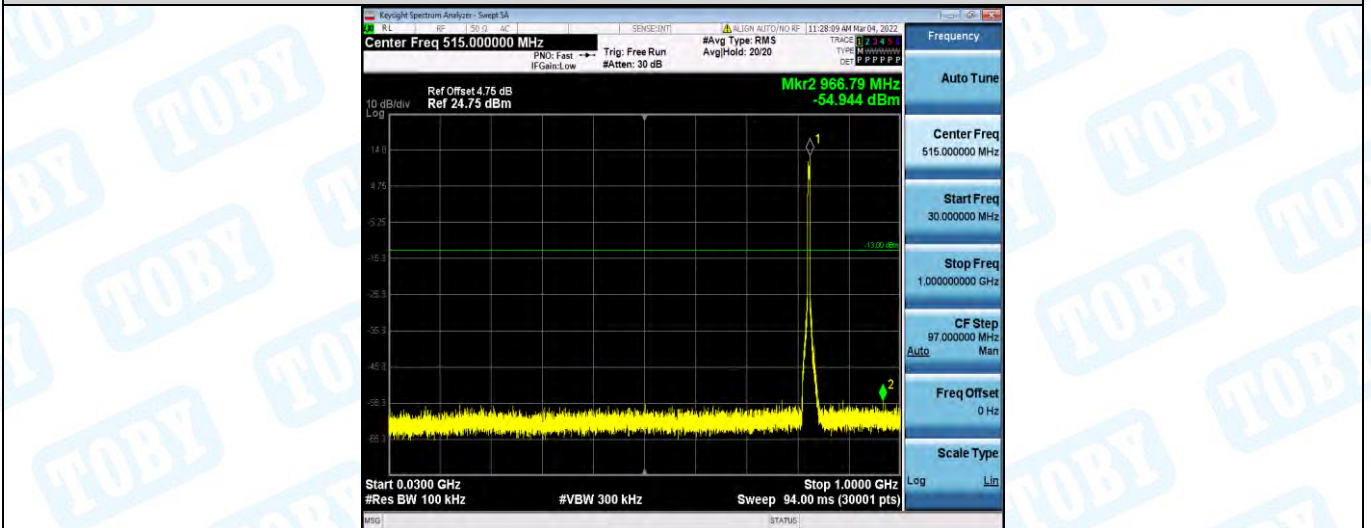
Band5-4132-2-1000~10000MHz



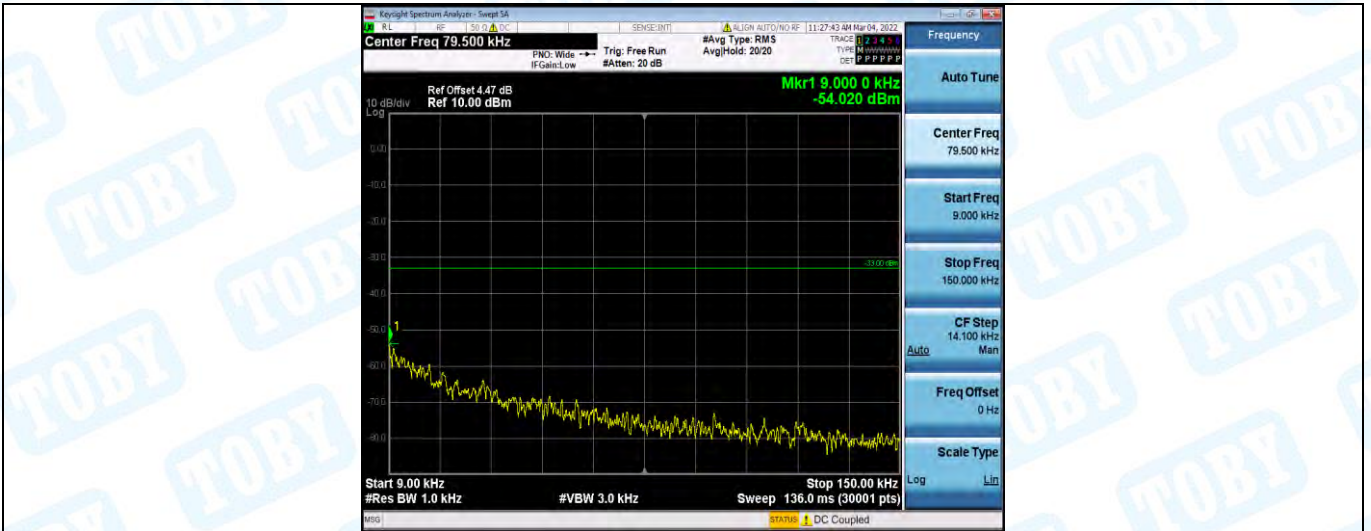
Band5-4132-2-0.15~30MHz



Band5-4132-3-30~1000MHz



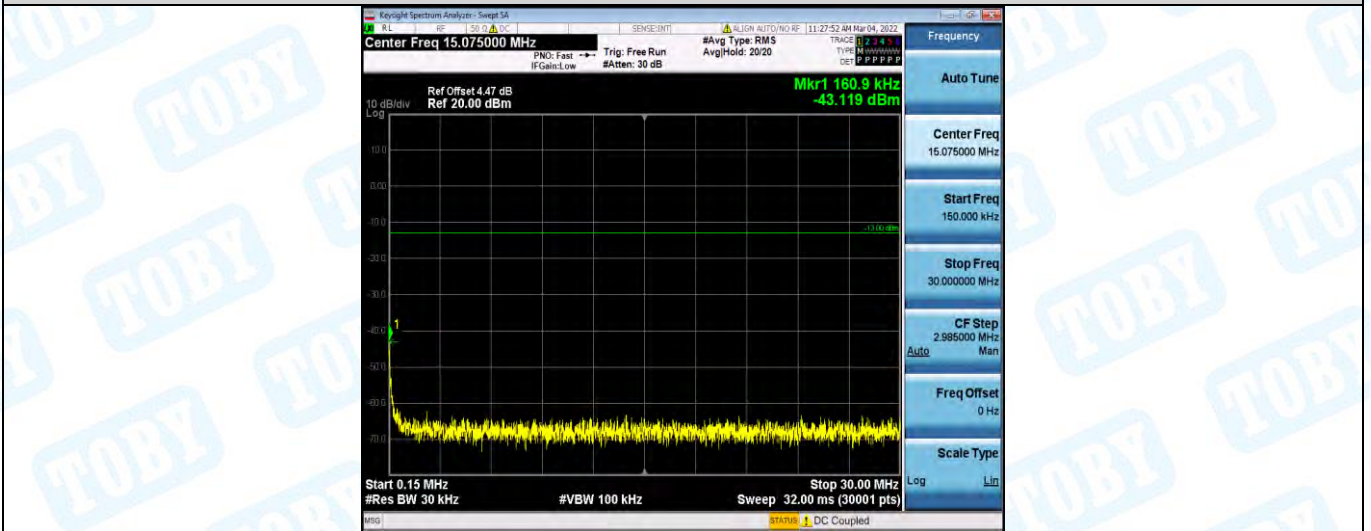
Band5-4132-3-0.009~0.15MHz



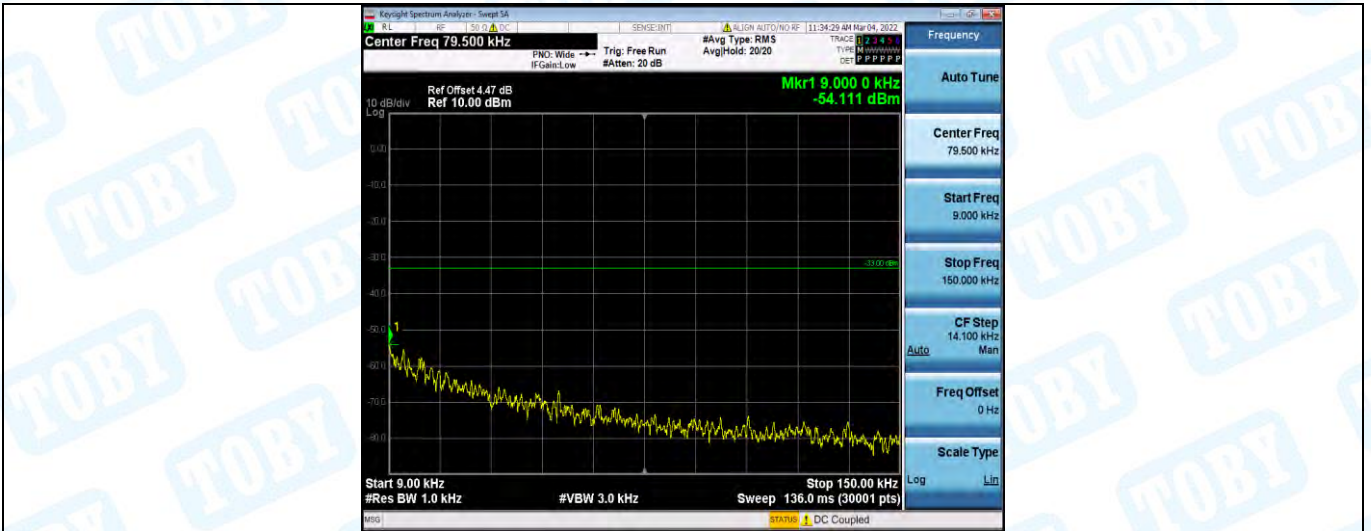
Band5-4132-3-1000~10000MHz



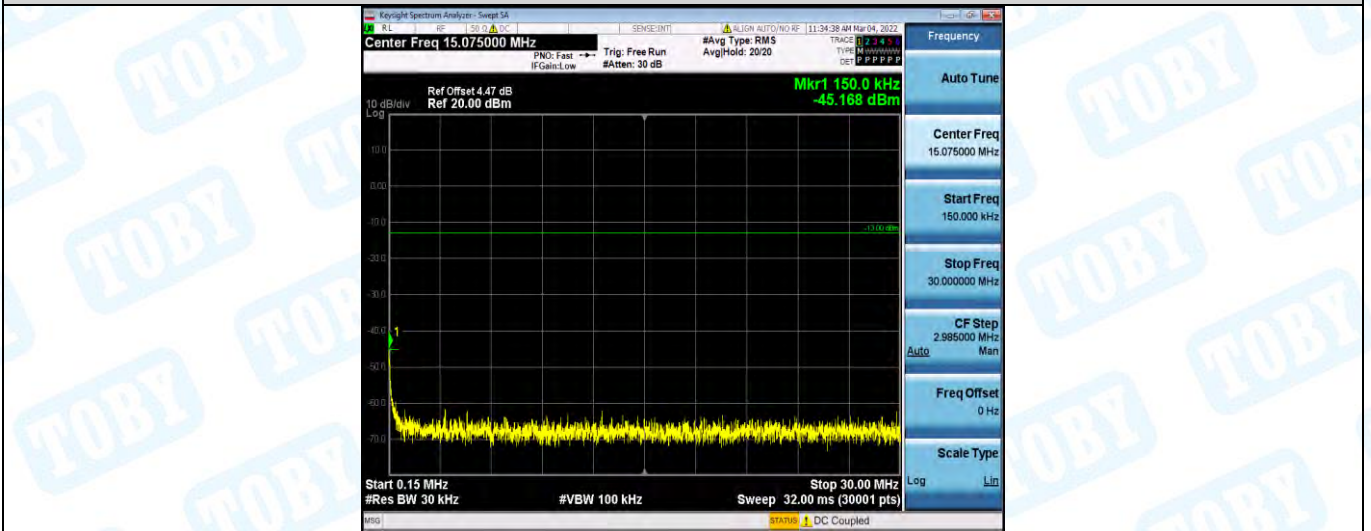
Band5-4132-3-0.15~30MHz



Band5-4132-4-0.009~0.15MHz



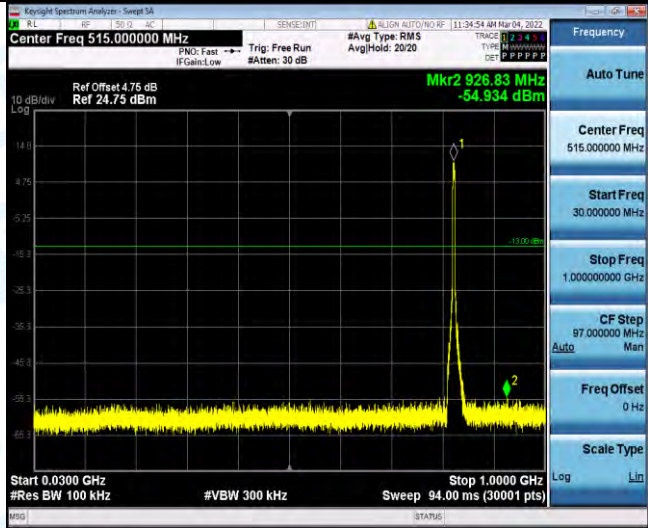
Band5-4132-4-0.15~30MHz



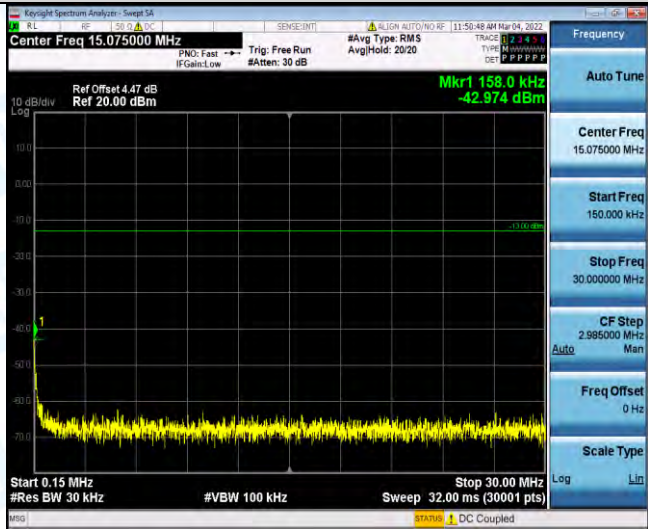
Band5-4132-4-1000~10000MHz



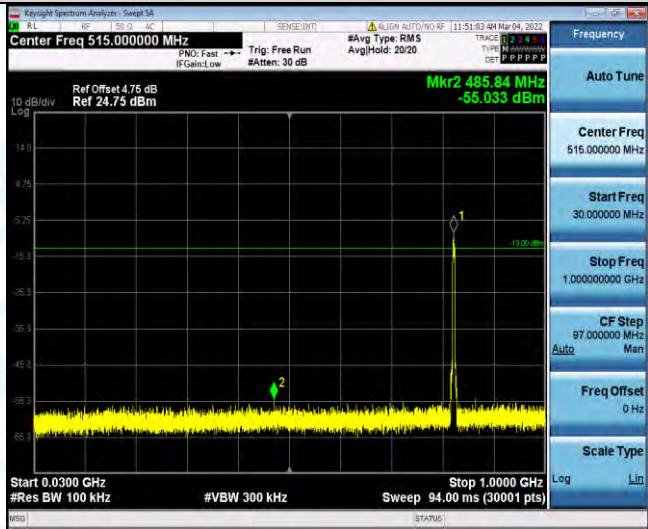
Band5-4132-4-30~1000MHz



Band5-4132-5-0.15~30MHz



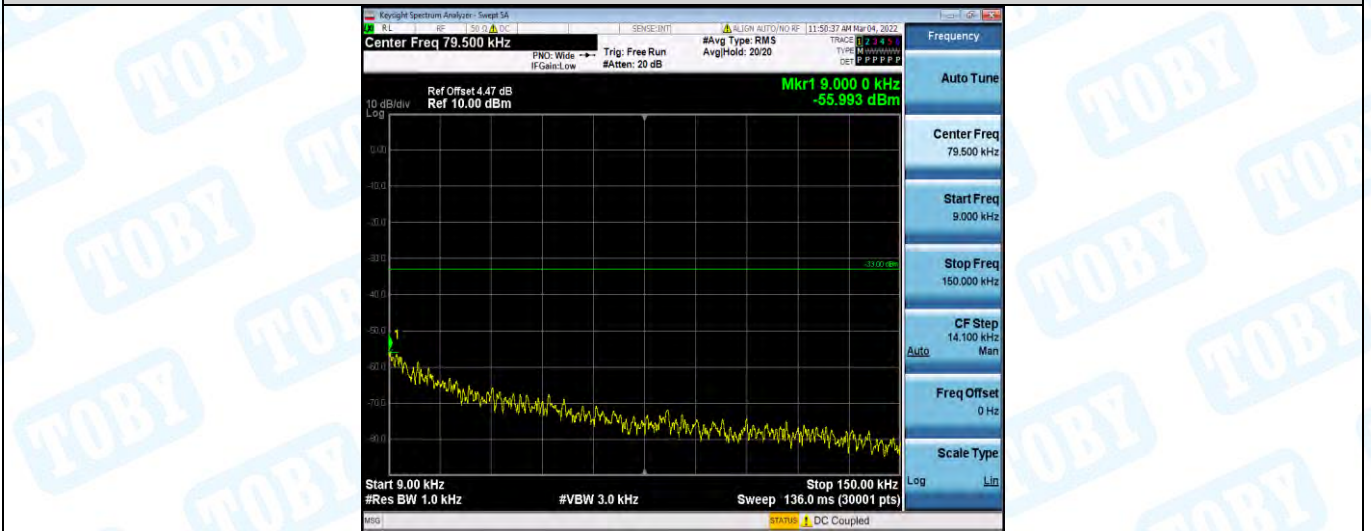
Band5-4132-5-30~1000MHz



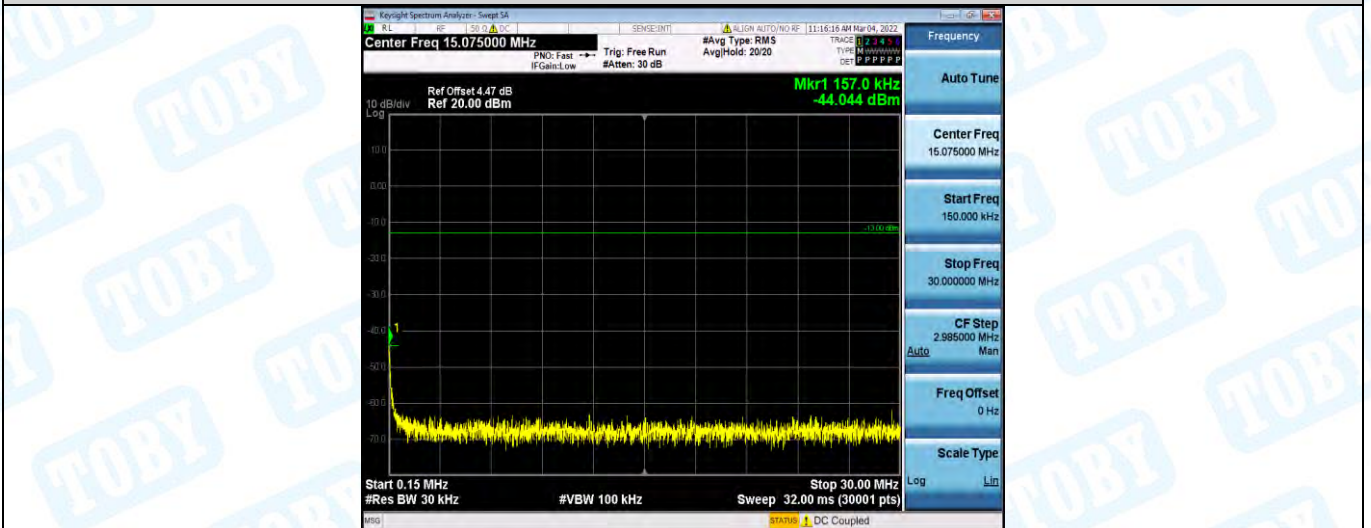
Band5-4132-5-1000~10000MHz



Band5-4132-5-0.009~0.15MHz

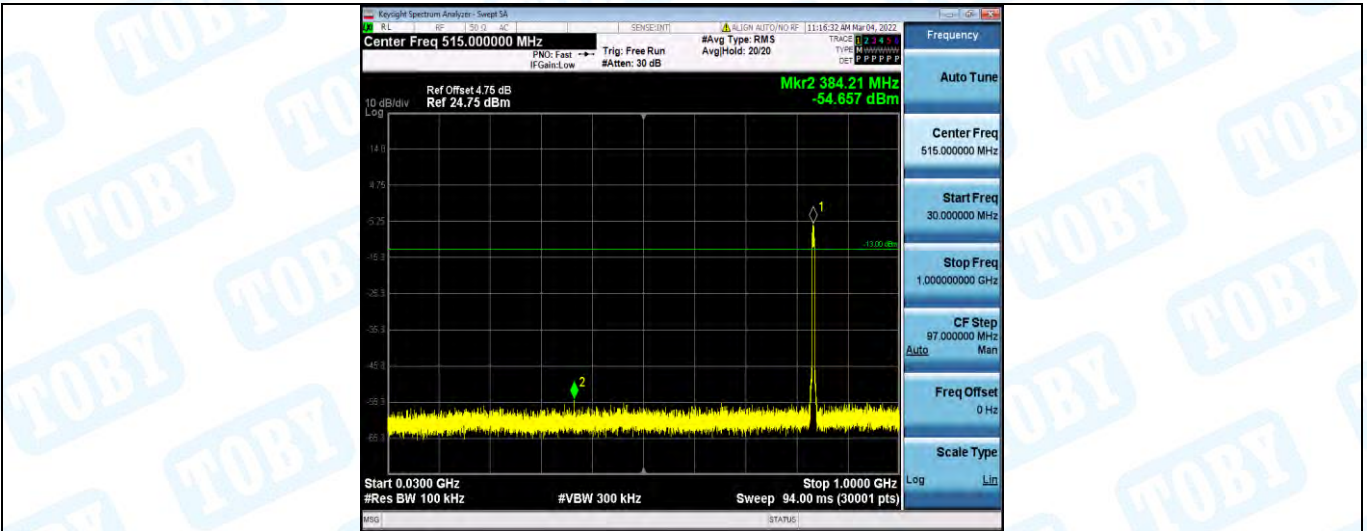


Band5-4183-1-0.15~30MHz



Band5-4183-1-30~100MHz

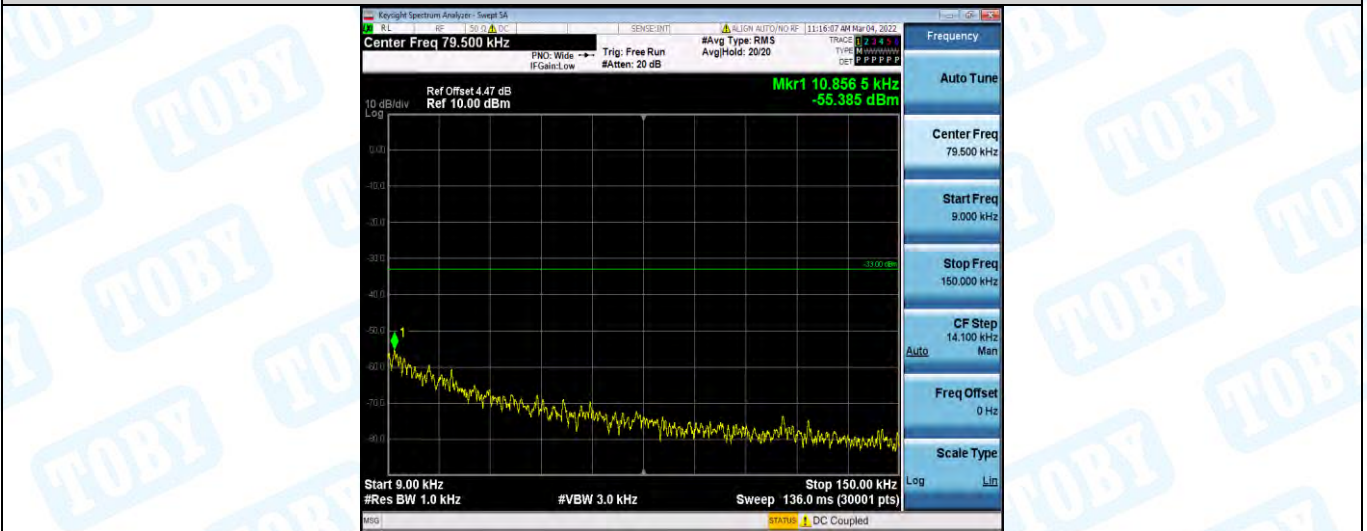




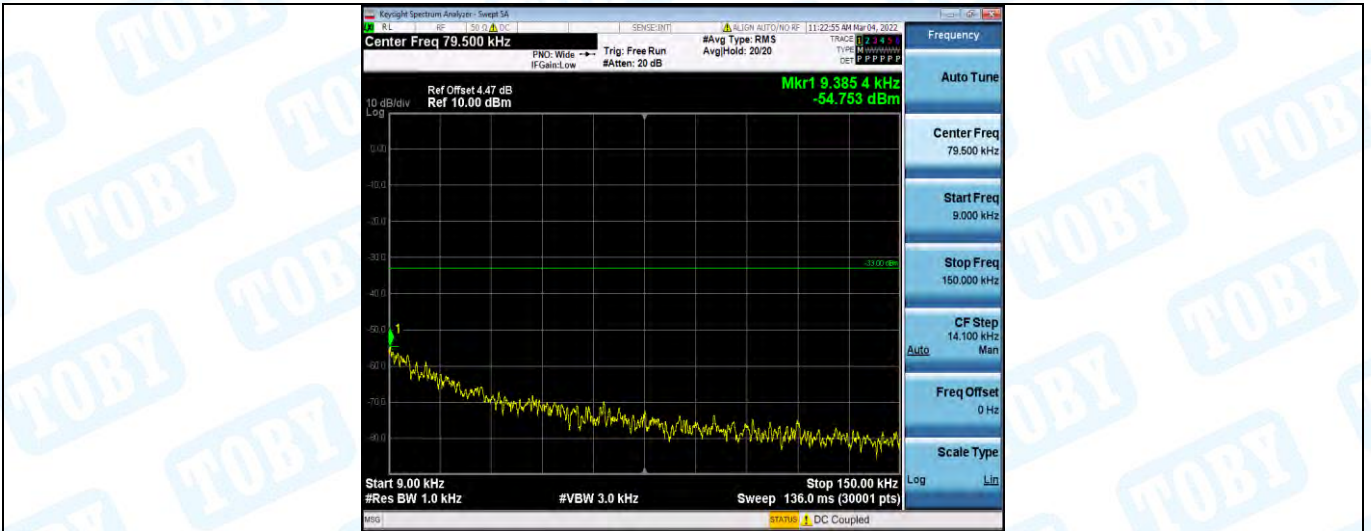
Band5-4183-1-1000~10000MHz



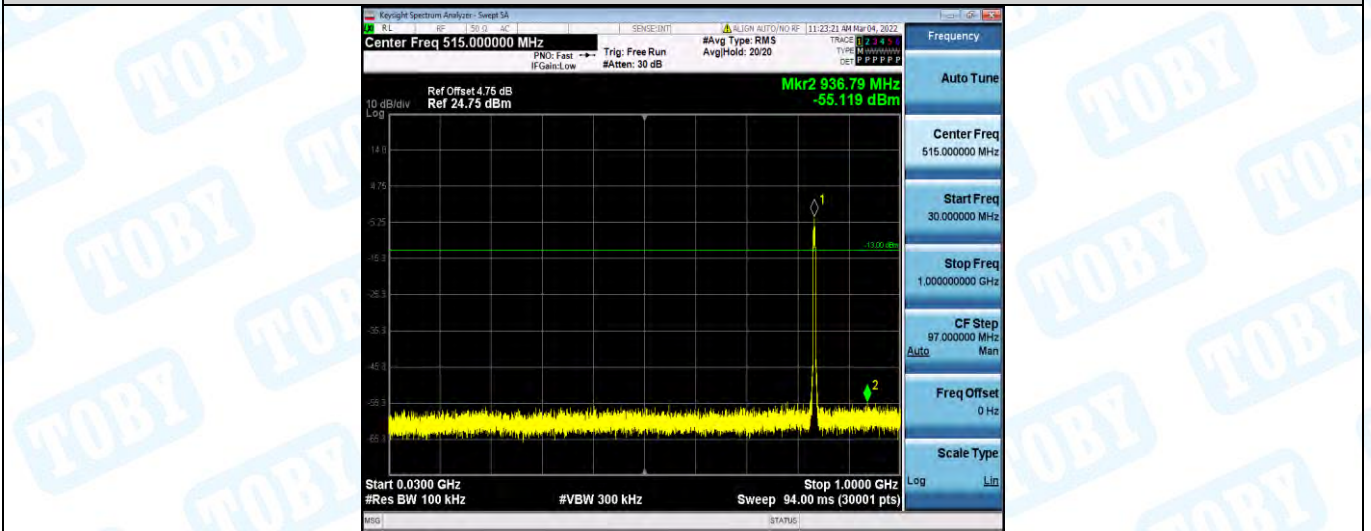
Band5-4183-1-0.009~0.15MHz



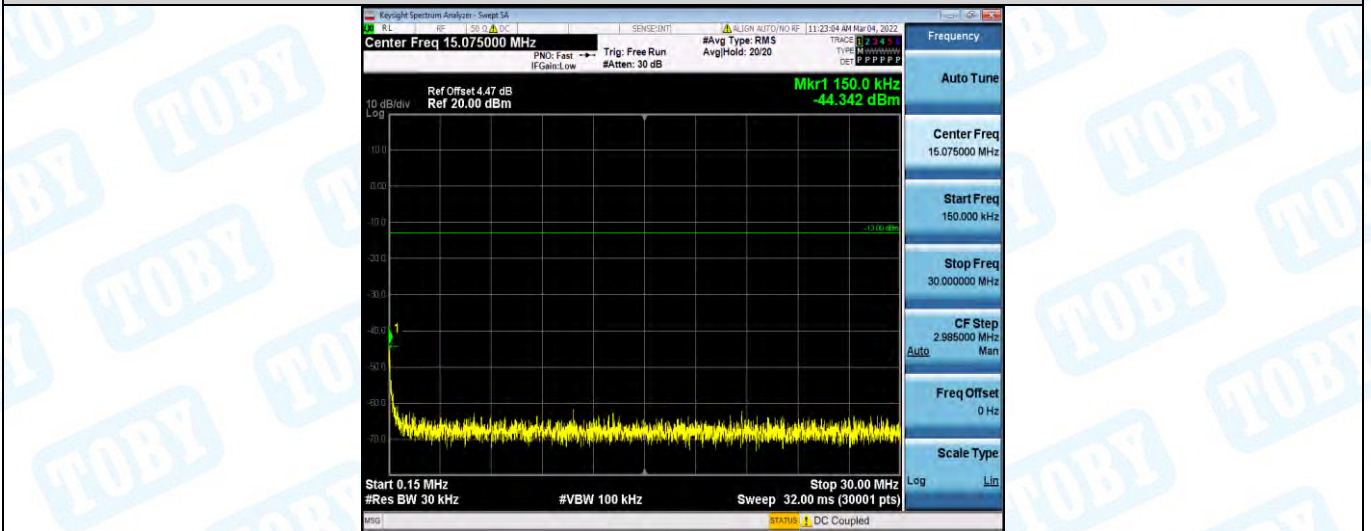
Band5-4183-2-0.009~0.15MHz



Band5-4183-2-30~1000MHz



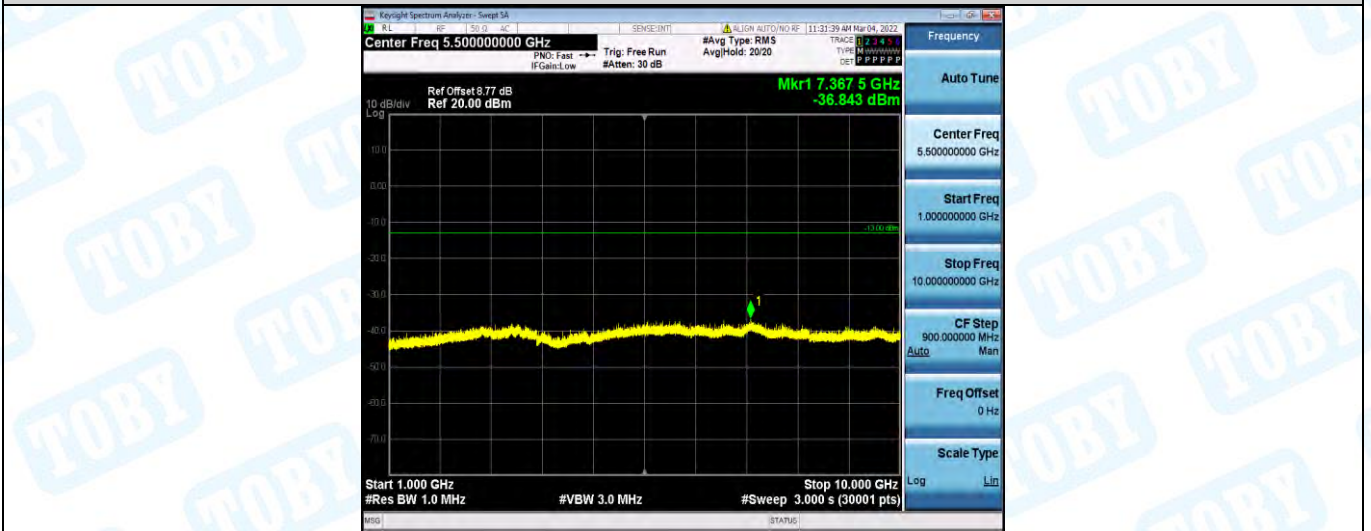
Band5-4183-2-0.15~30MHz



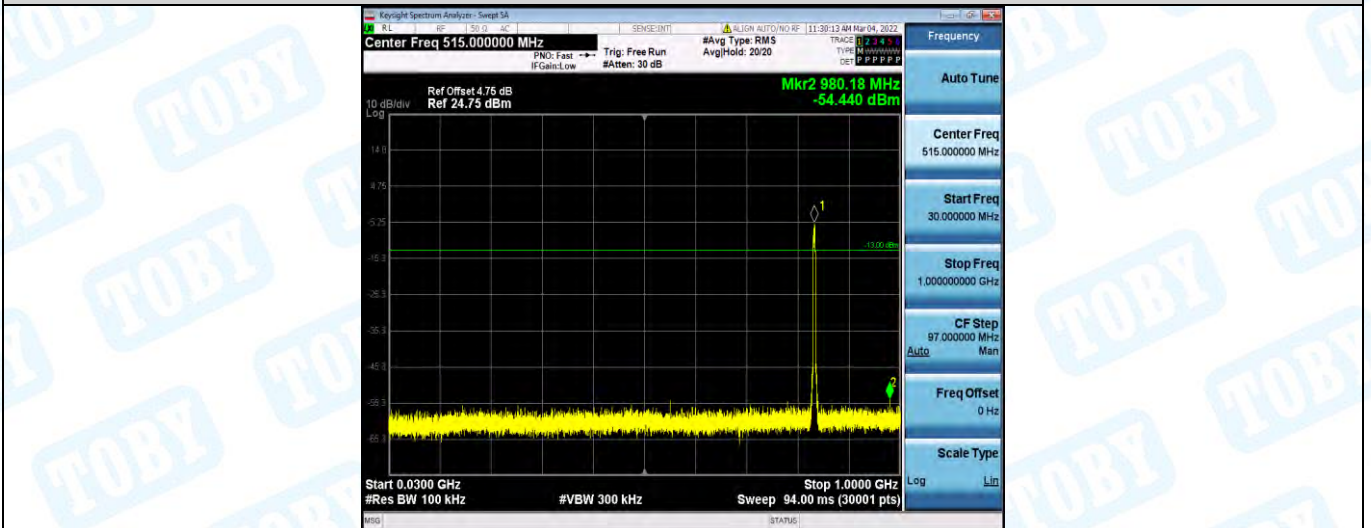
Band5-4183-2-1000~10000MHz



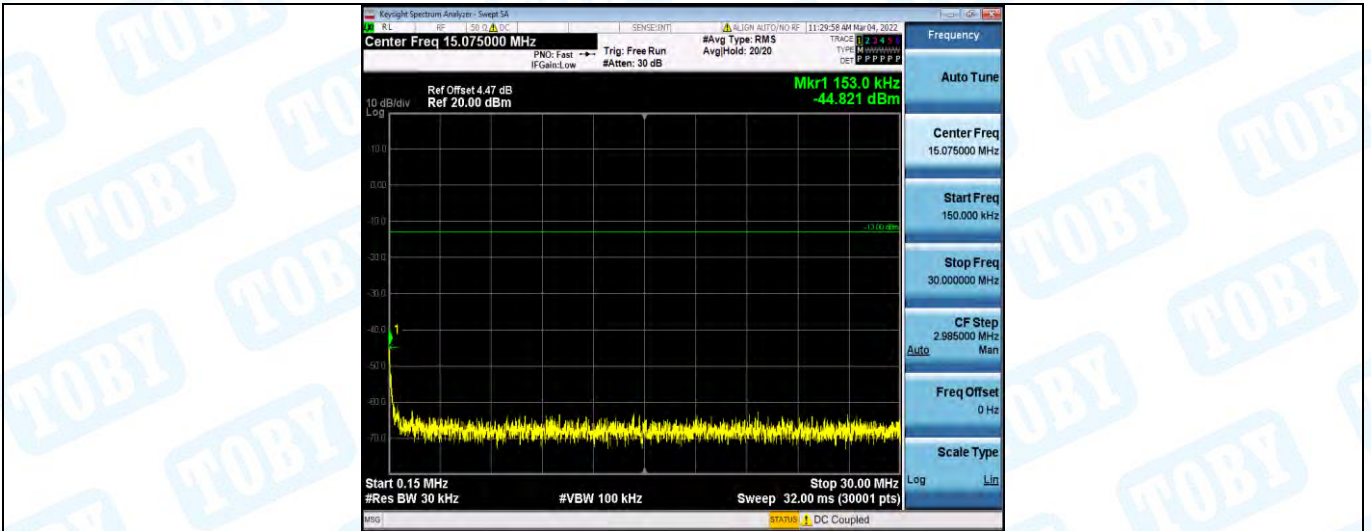
Band5-4183-3-1000~10000MHz



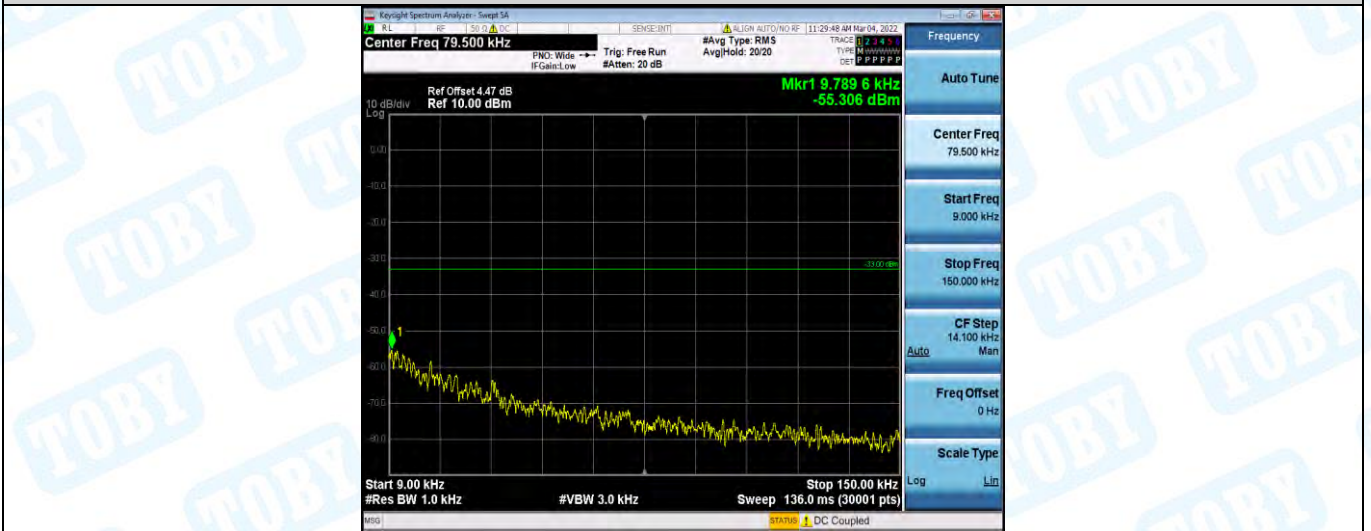
Band5-4183-3-30~1000MHz



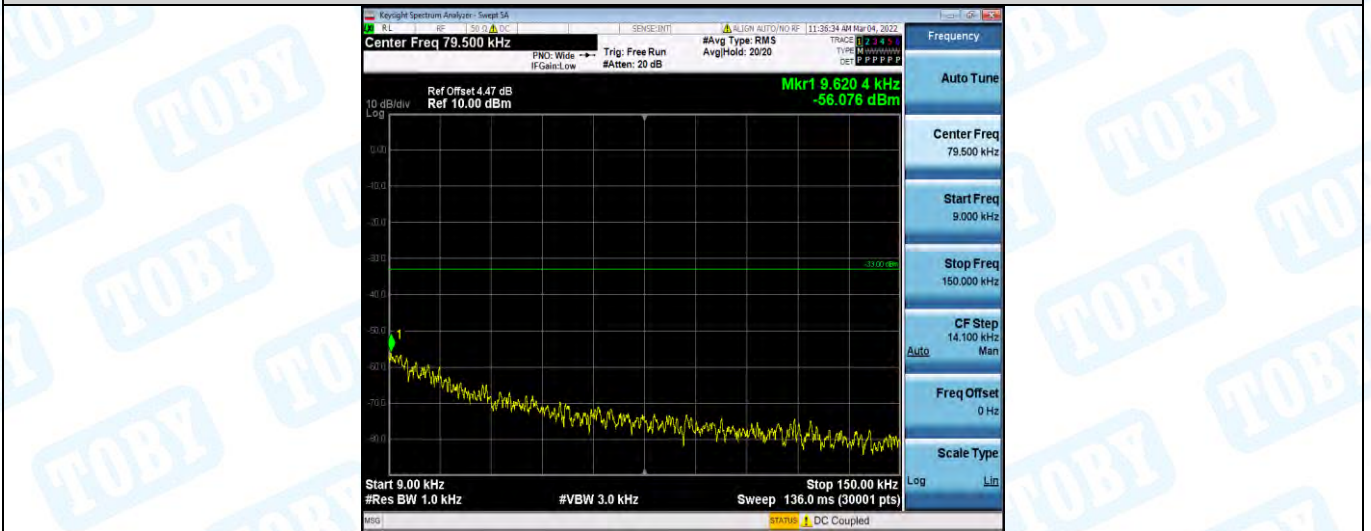
Band5-4183-3-0.15~30MHz



Band5-4183-3-0.009~0.15MHz



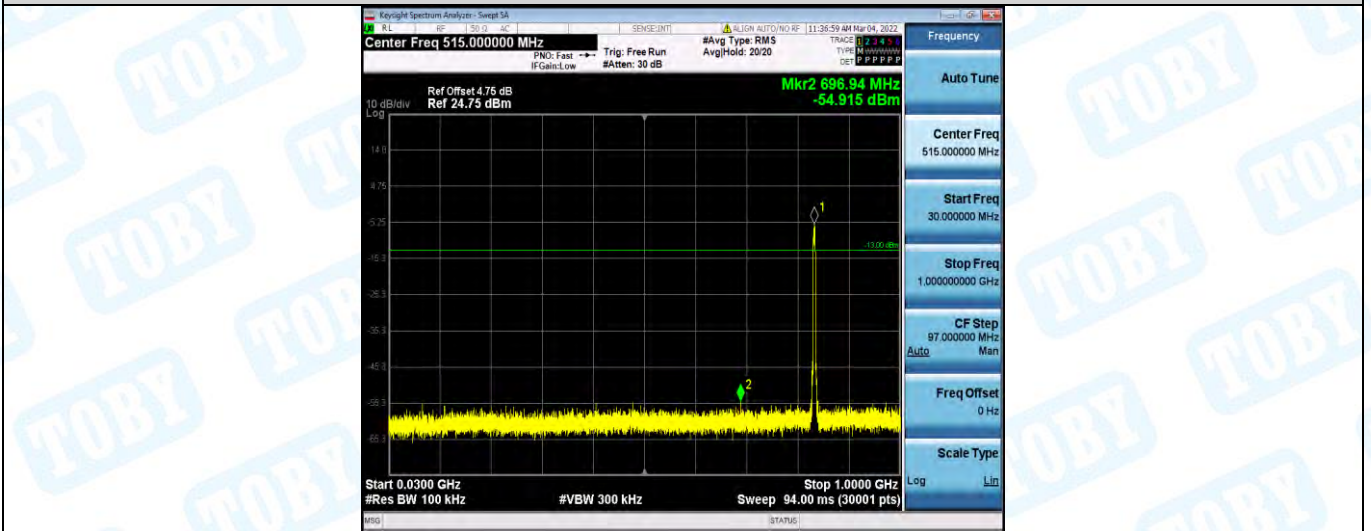
Band5-4183-4-0.009~0.15MHz



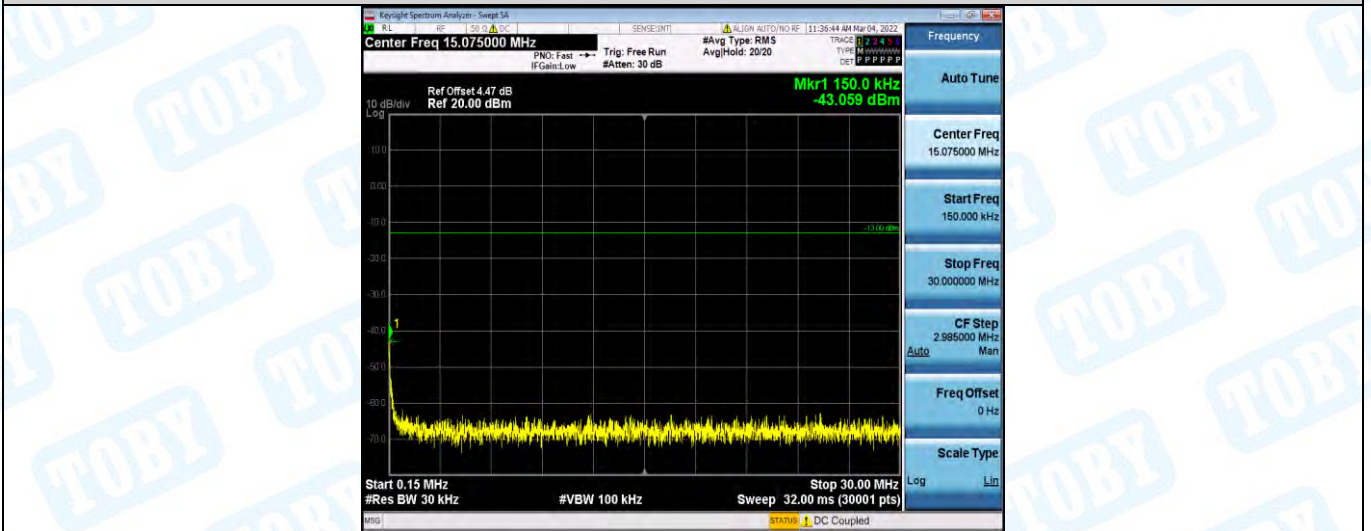
Band5-4183-4-1000~10000MHz



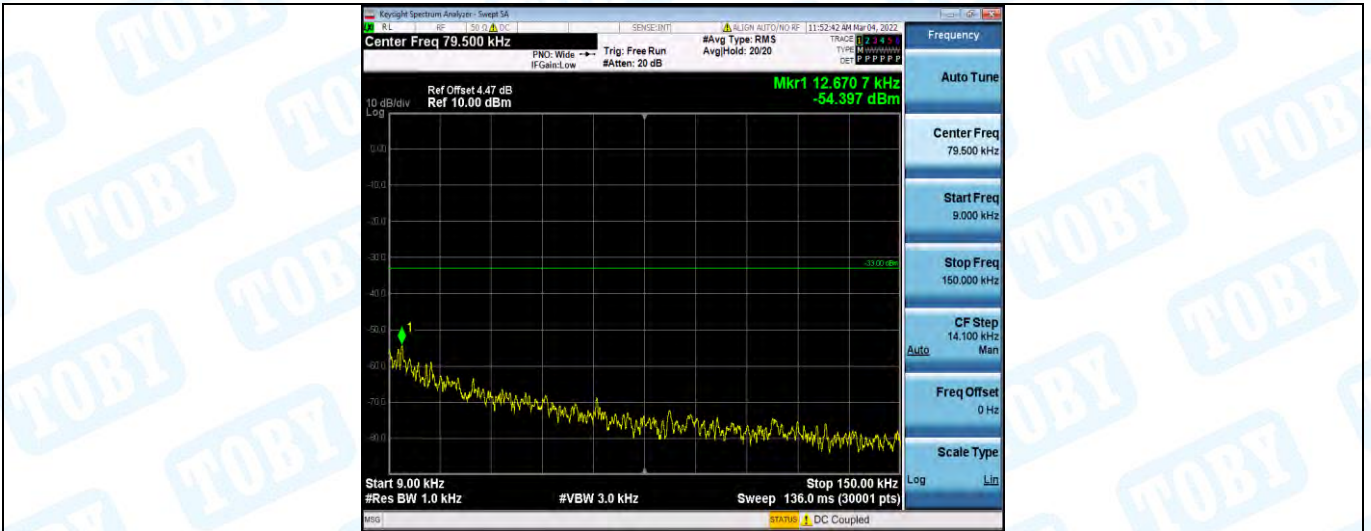
Band5-4183-4-30~1000MHz



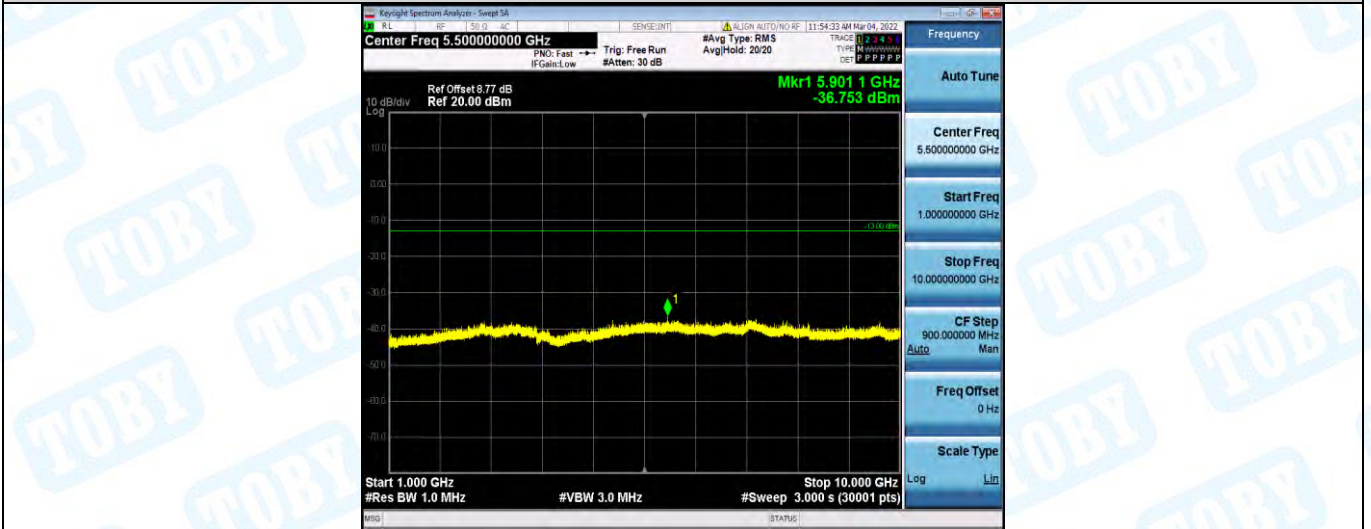
Band5-4183-4-0.15~30MHz



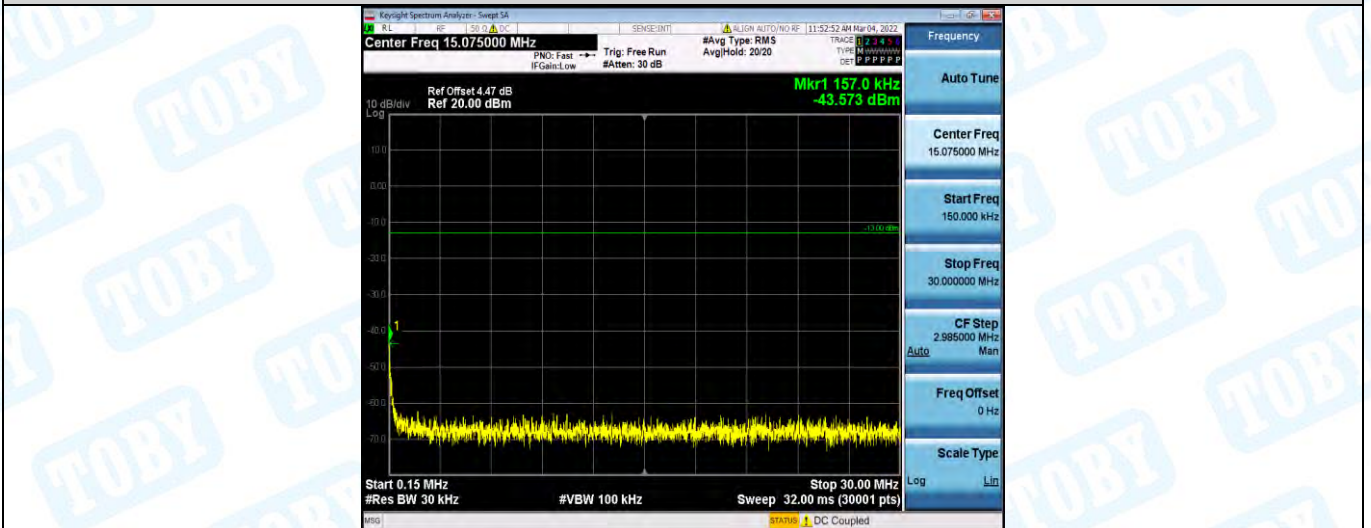
Band5-4183-5-0.009~0.15MHz



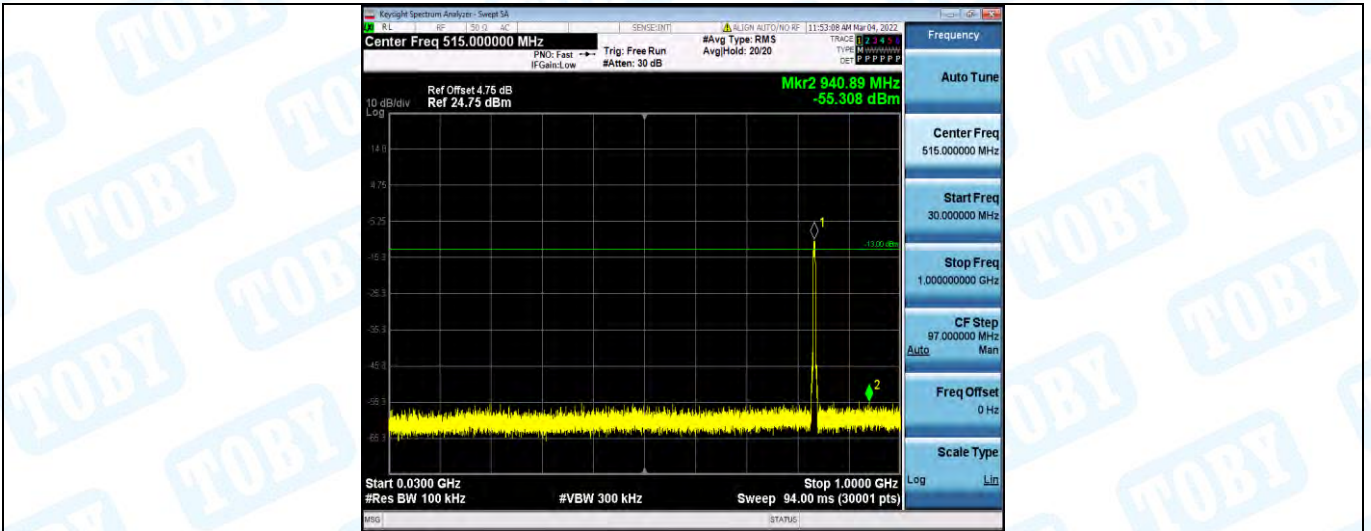
Band5-4183-5-1000~10000MHz



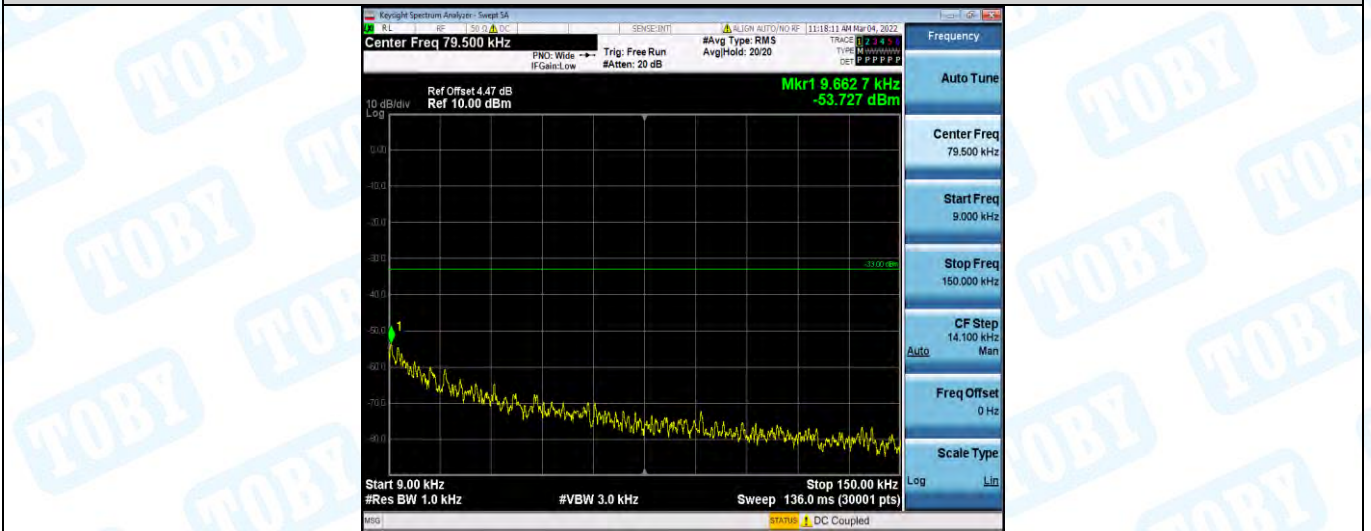
Band5-4183-5-0.15~30MHz



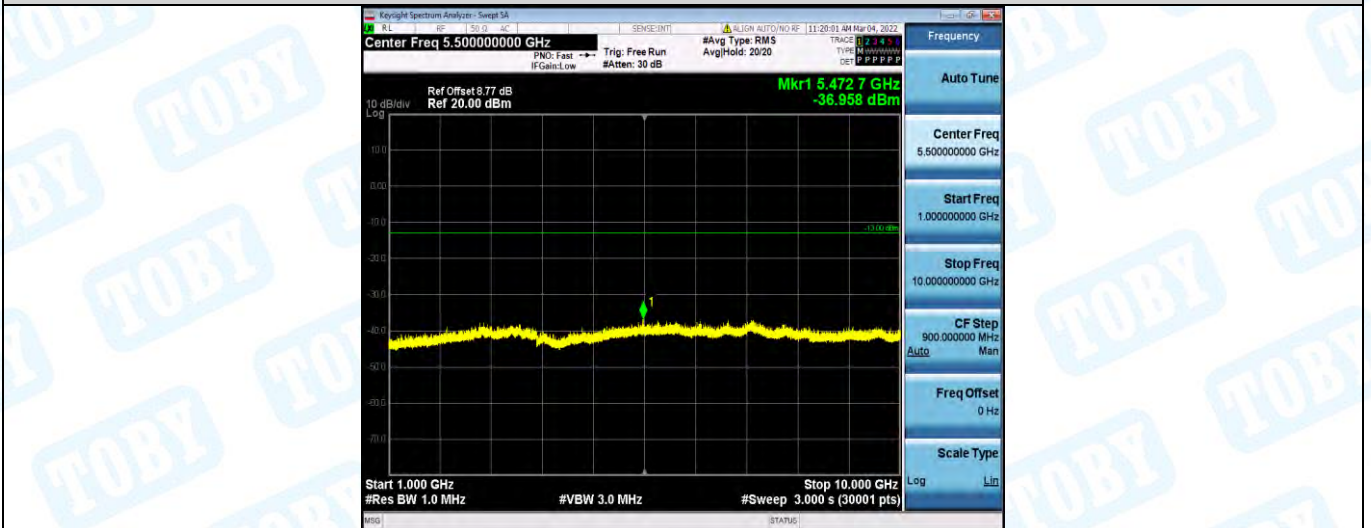
Band5-4183-5-30~1000MHz



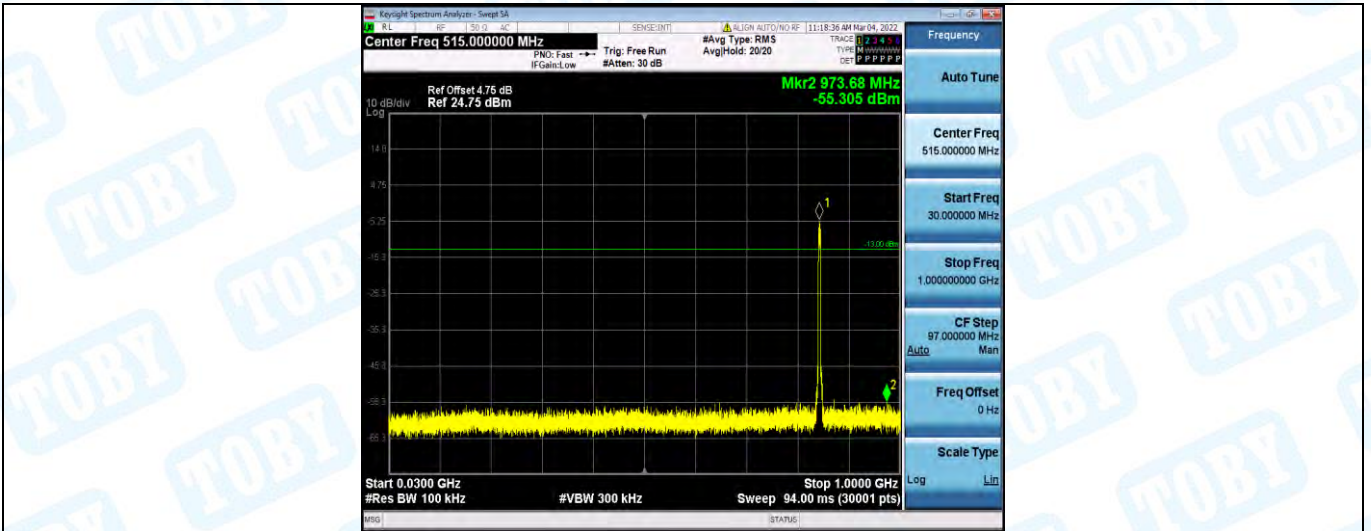
Band5-4233-1-0.009~0.15MHz



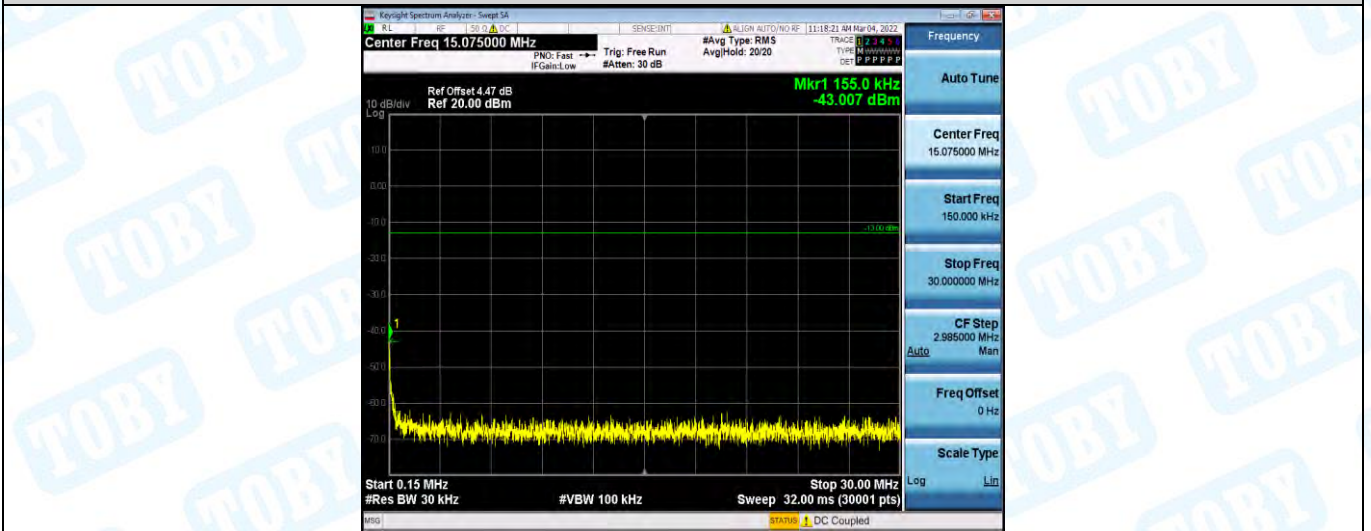
Band5-4233-1-1000~10000MHz



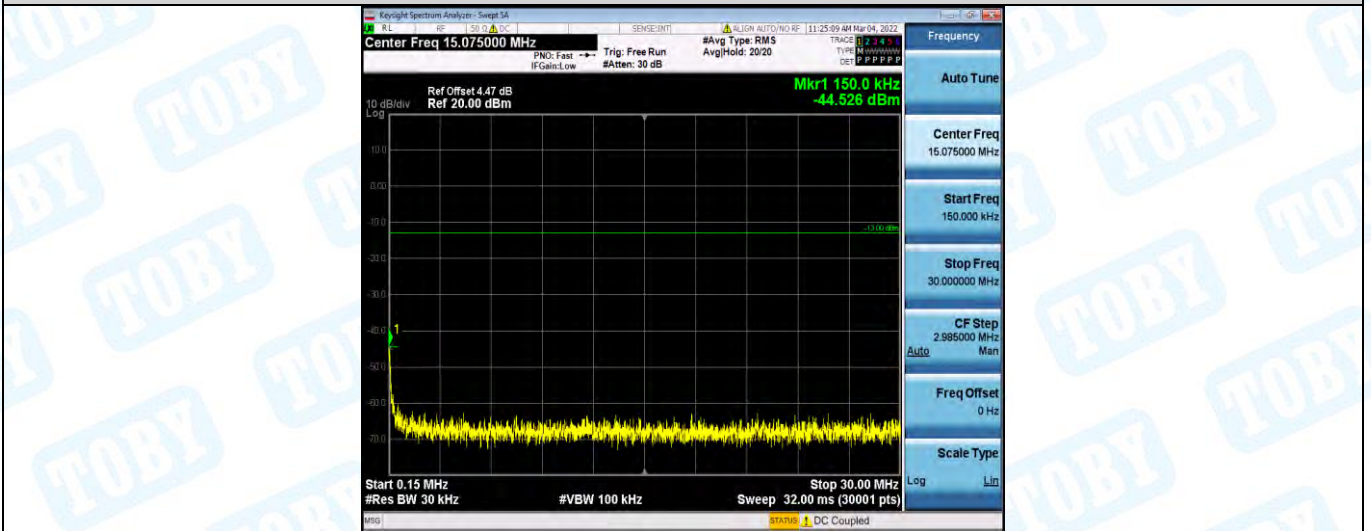
Band5-4233-1-30~100MHz



Band5-4233-1-0.15~30MHz

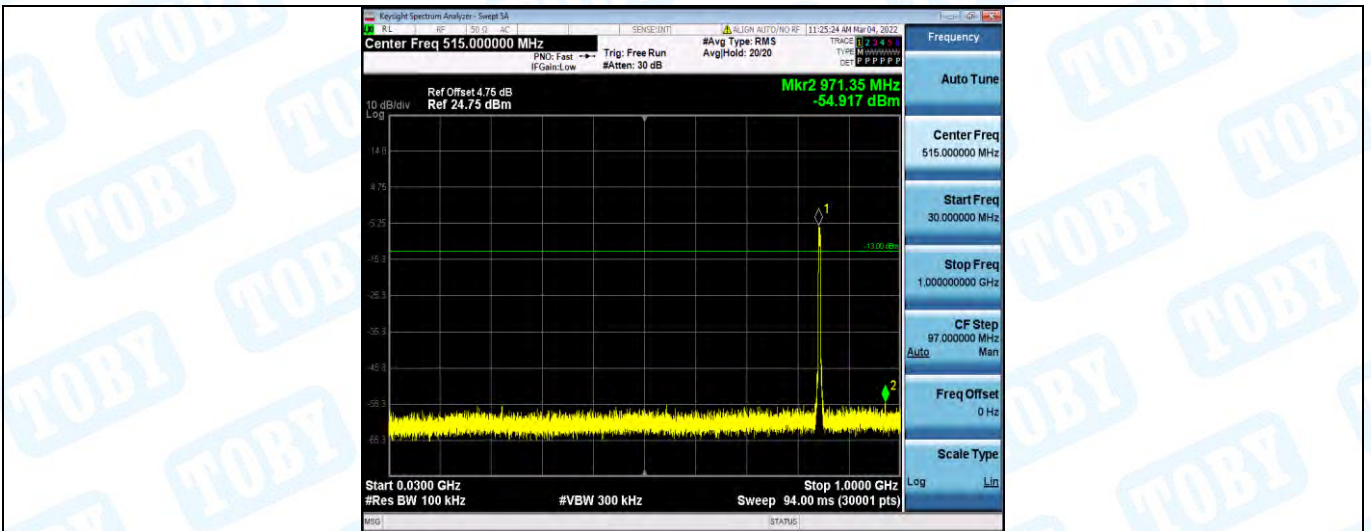


Band5-4233-2-0.15~30MHz

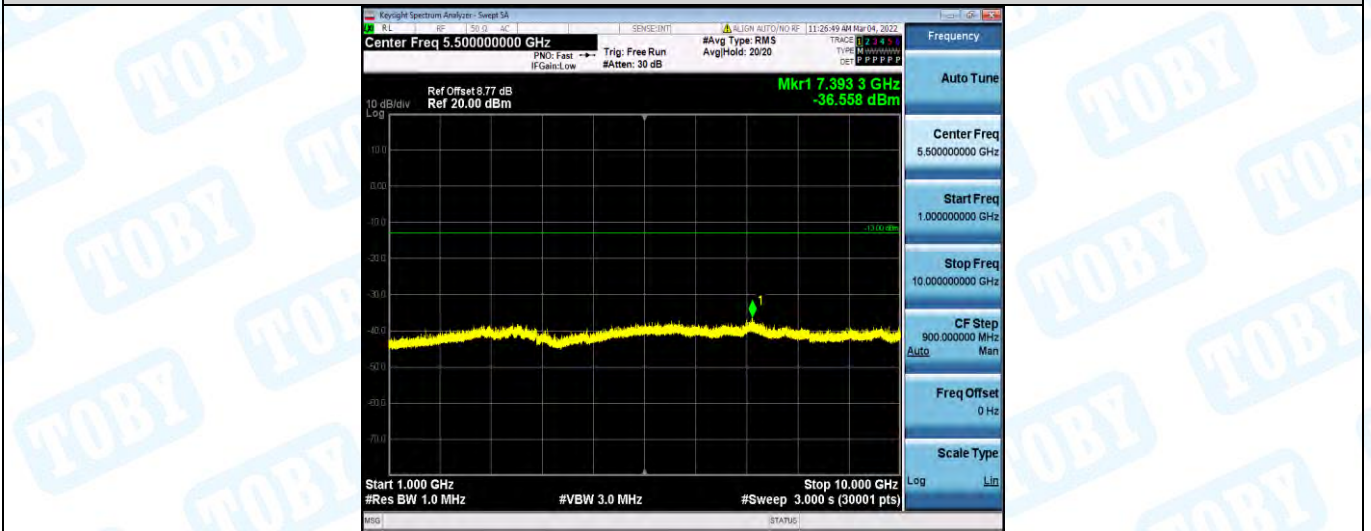


Band5-4233-2-30~100MHz

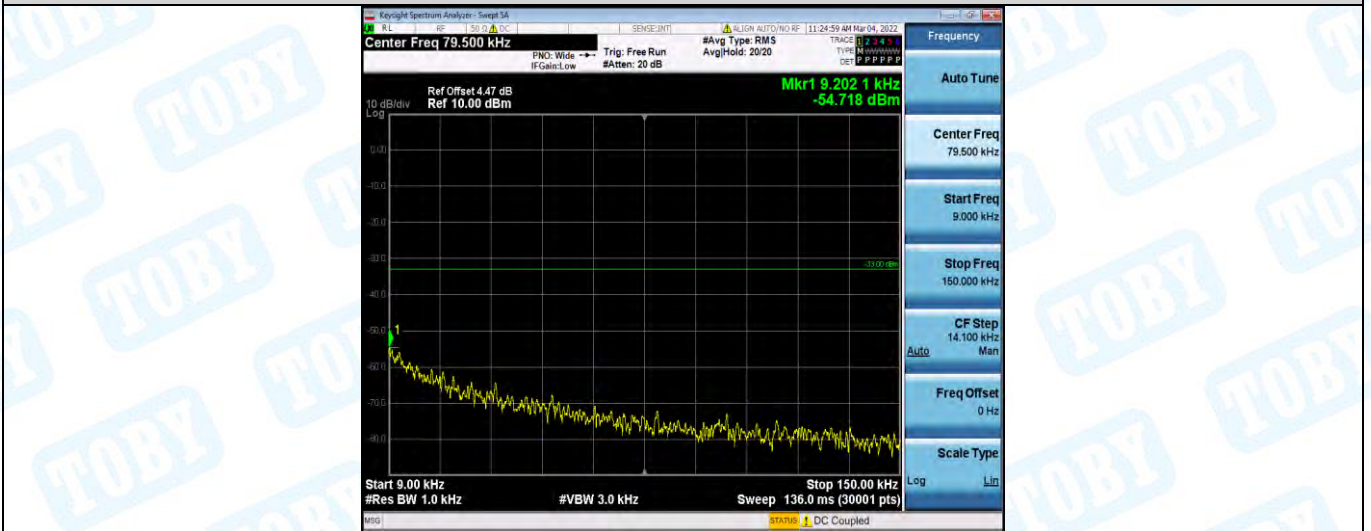




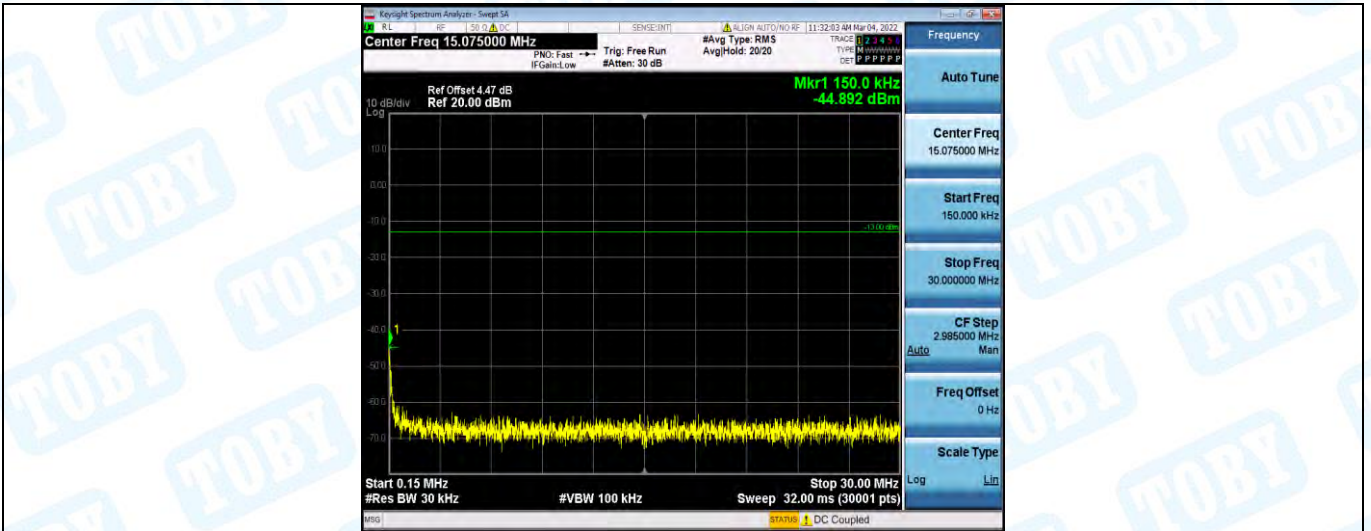
Band5-4233-2-1000~10000MHz



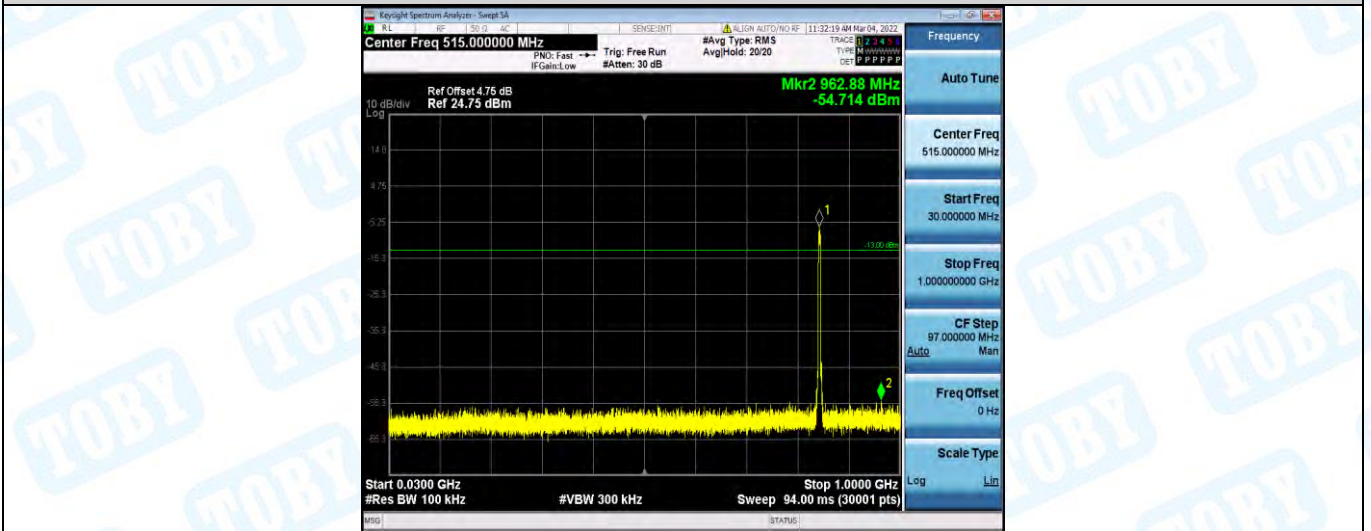
Band5-4233-2-0.009~0.15MHz



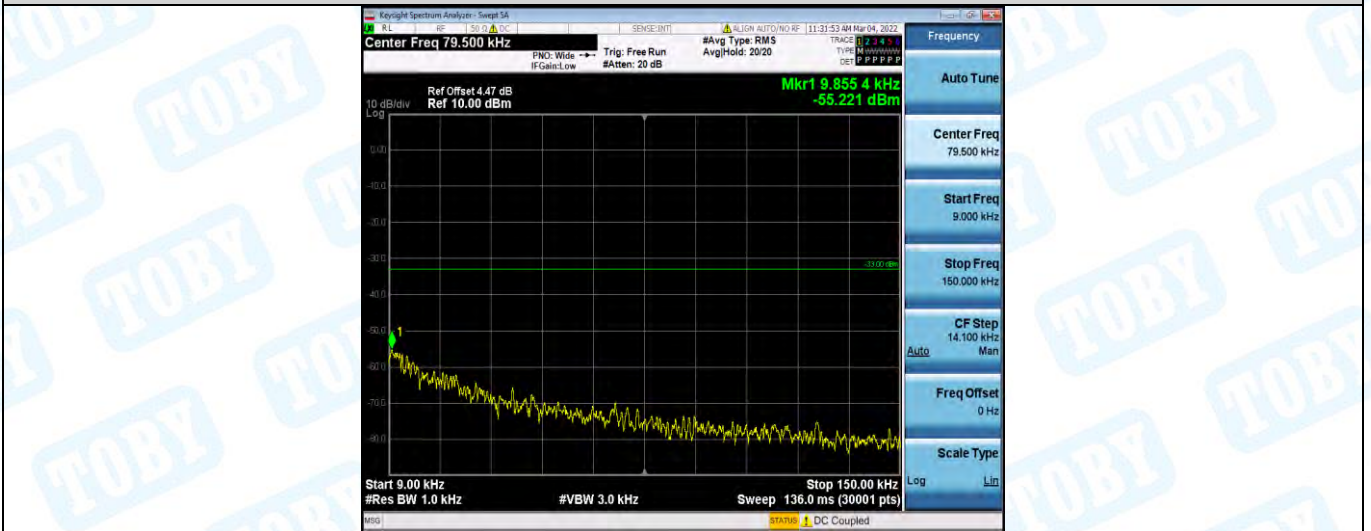
Band5-4233-3-0.15~30MHz



Band5-4233-3-30~1000MHz



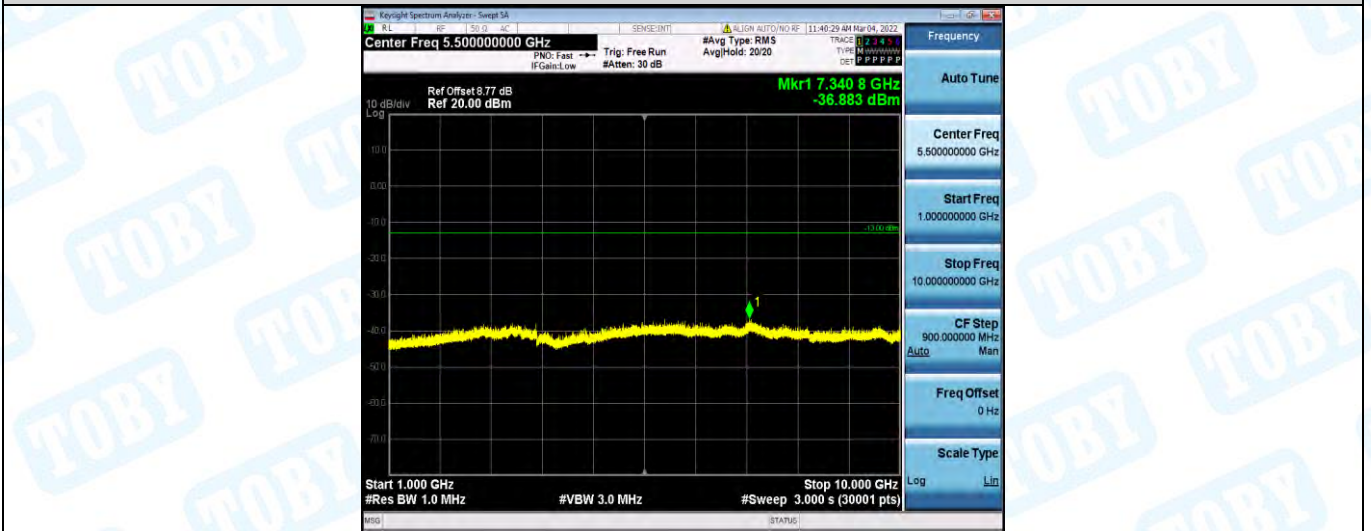
Band5-4233-3-0.009~0.15MHz



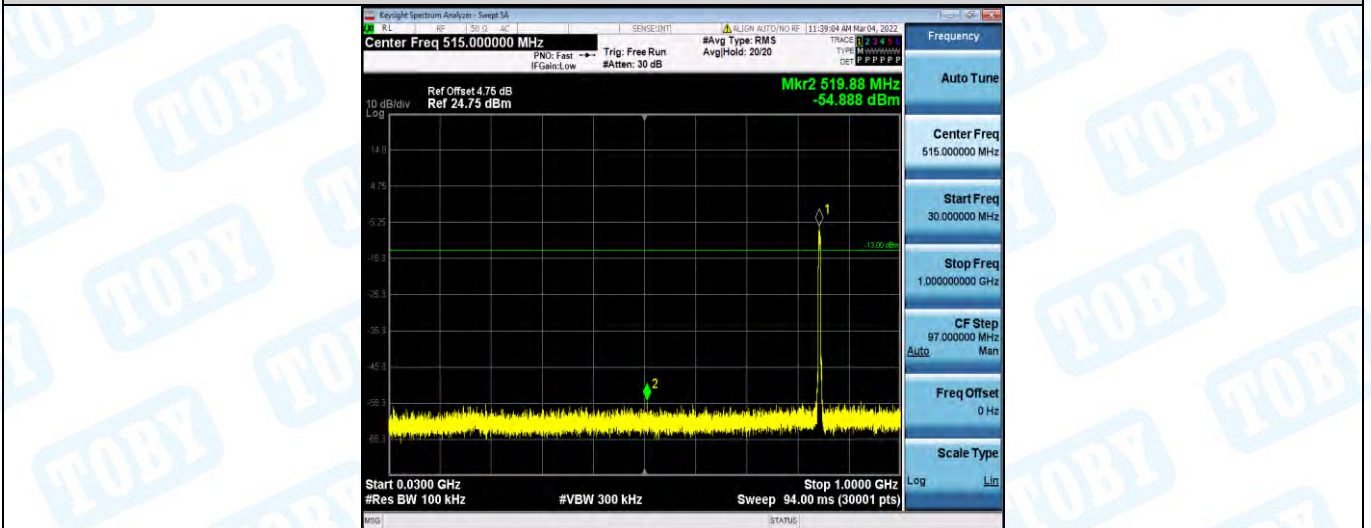
Band5-4233-3-1000~10000MHz



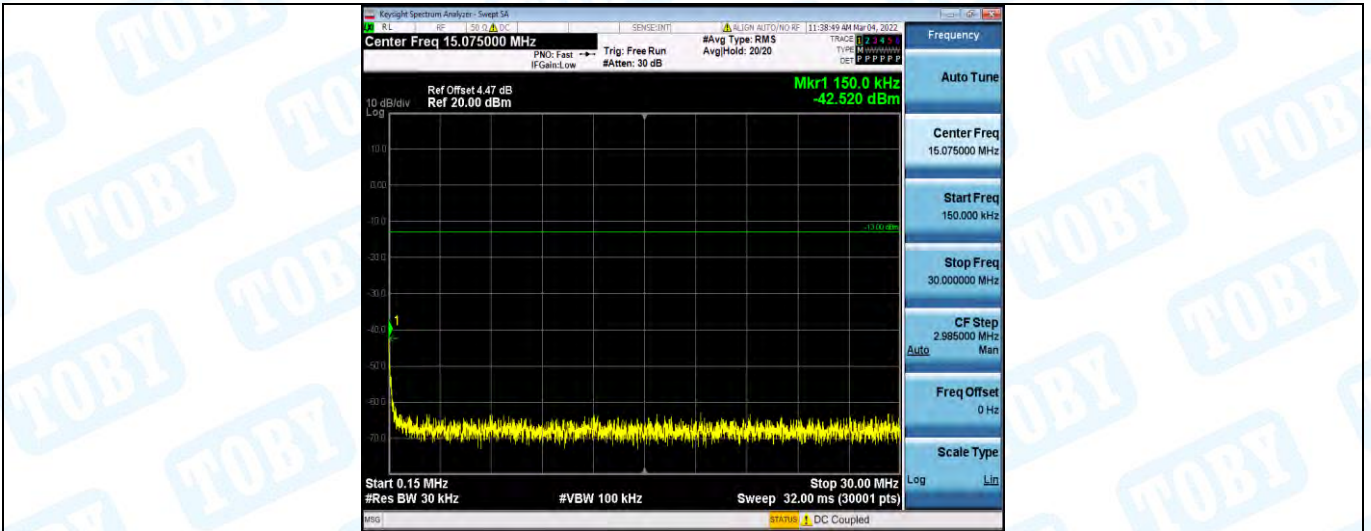
Band5-4233-4-1000~10000MHz



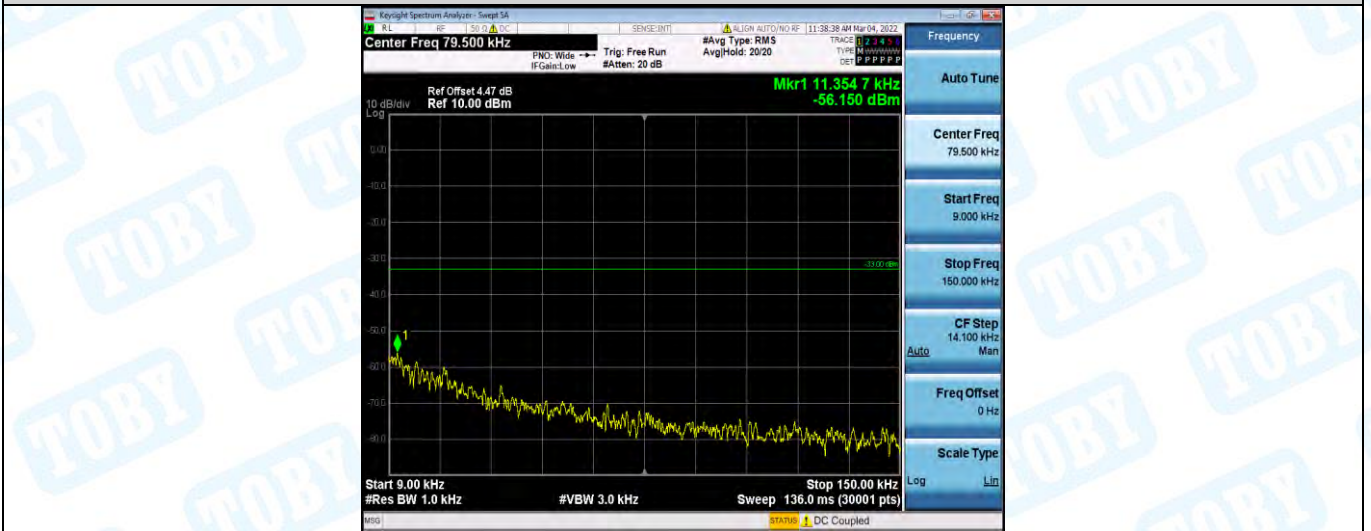
Band5-4233-4-30~1000MHz



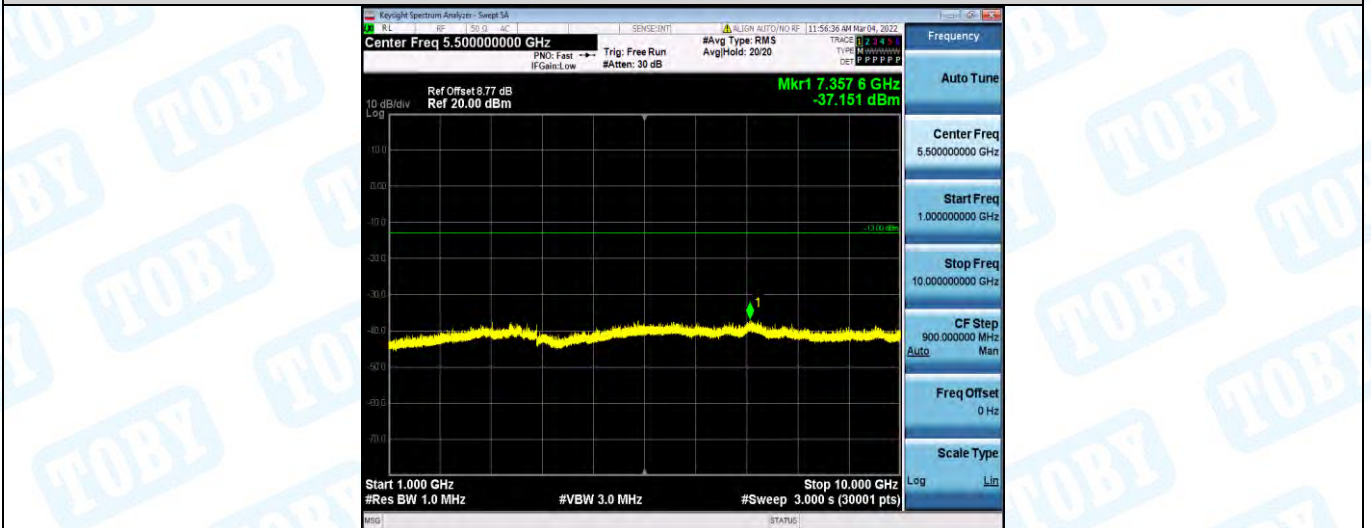
Band5-4233-4-0.15~30MHz



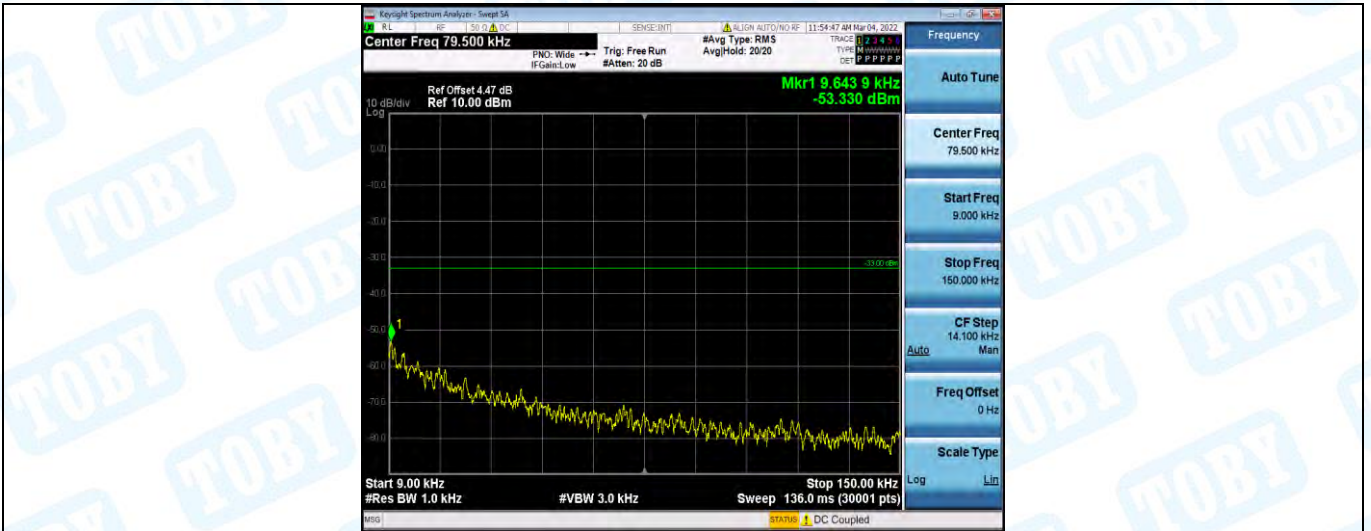
Band5-4233-4-0.009~0.15MHz



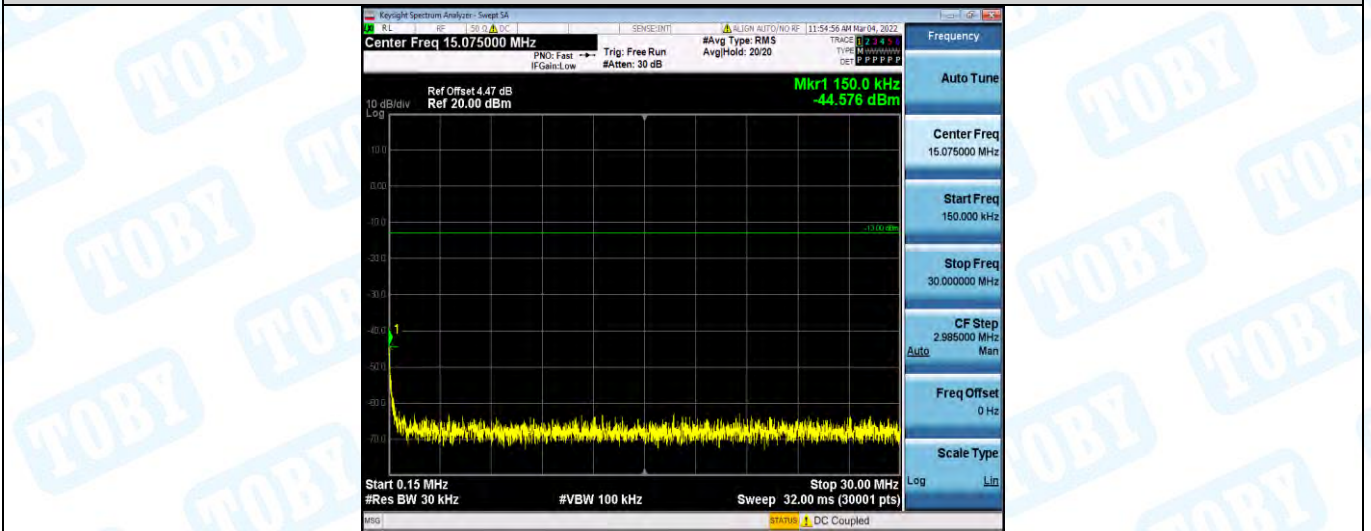
Band5-4233-5-1000~10000MHz



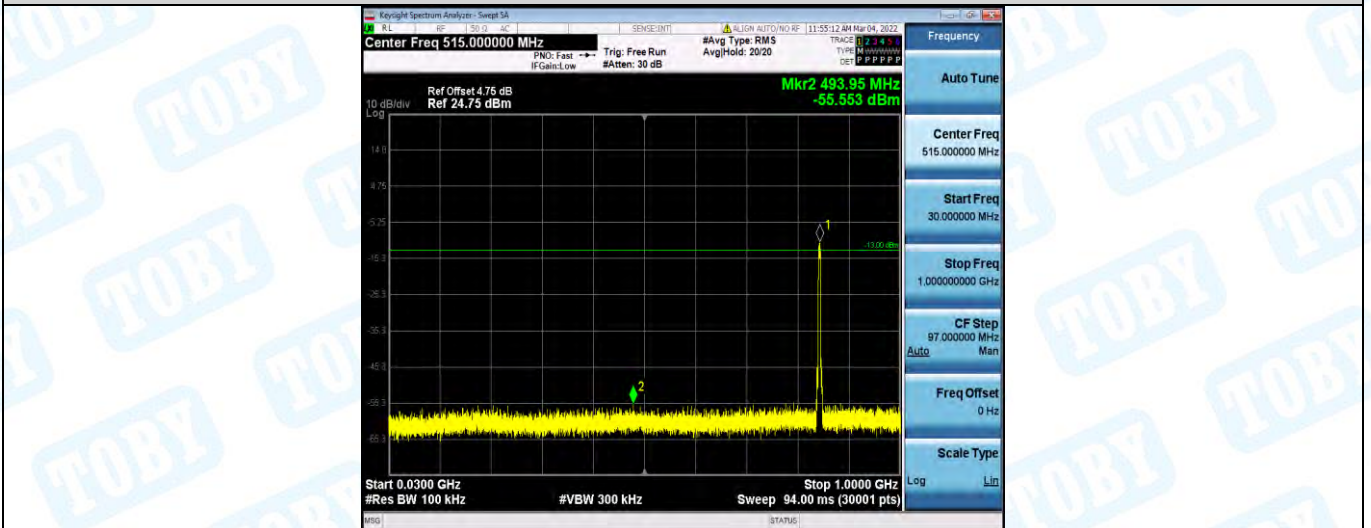
Band5-4233-5-0.009~0.15MHz



Band5-4233-5-0.15~30MHz



Band5-4233-5-30~1000MHz



## 6:Frequency Stability

### Test Result(WCDMA)

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	VL	NT	-0.67	-0.000362	±2.5	PASS
Band2	9262	VN	NT	-1.35	-0.000729	±2.5	PASS
Band2	9262	VH	NT	-4.24	-0.002289	±2.5	PASS
Band2	9400	VL	NT	6.26	0.003330	±2.5	PASS
Band2	9400	VN	NT	8.19	0.004356	±2.5	PASS
Band2	9400	VH	NT	-5.72	-0.003043	±2.5	PASS
Band2	9538	VL	NT	8.82	0.004624	±2.5	PASS
Band2	9538	VN	NT	-7.20	-0.003774	±2.5	PASS
Band2	9538	VH	NT	3.67	0.001924	±2.5	PASS
Band4	1312	VL	NT	3.24	0.001892	±2.5	PASS
Band4	1312	VN	NT	5.00	0.002920	±2.5	PASS
Band4	1312	VH	NT	-2.95	-0.001723	±2.5	PASS
Band4	1413	VL	NT	4.27	0.002465	±2.5	PASS
Band4	1413	VN	NT	-1.52	-0.000877	±2.5	PASS
Band4	1413	VH	NT	-0.13	-0.000075	±2.5	PASS
Band4	1513	VL	NT	-1.33	-0.000759	±2.5	PASS
Band4	1513	VN	NT	-8.47	-0.004833	±2.5	PASS
Band4	1513	VH	NT	2.19	0.001250	±2.5	PASS
Band5	4132	VL	NT	0.13	0.000157	±2.5	PASS
Band5	4132	VN	NT	-0.58	-0.000702	±2.5	PASS
Band5	4132	VH	NT	-1.37	-0.001658	±2.5	PASS
Band5	4183	VL	NT	-0.37	-0.000442	±2.5	PASS
Band5	4183	VN	NT	0.44	0.000526	±2.5	PASS
Band5	4183	VH	NT	-0.57	-0.000681	±2.5	PASS
Band5	4233	VL	NT	1.48	0.001748	±2.5	PASS
Band5	4233	VN	NT	3.32	0.003922	±2.5	PASS
Band5	4233	VH	NT	1.68	0.001984	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	NV	-30	-2.02	-0.001090	±2.5	PASS
Band2	9262	NV	-20	-9.96	-0.005377	±2.5	PASS

Band2	9262	NV	-10	-5.15	-0.002780	±2.5	PASS
Band2	9262	NV	0	0.83	0.000448	±2.5	PASS
Band2	9262	NV	10	-2.59	-0.001398	±2.5	PASS
Band2	9262	NV	20	3.22	0.001738	±2.5	PASS
Band2	9262	NV	30	1.15	0.000621	±2.5	PASS
Band2	9262	NV	40	-2.15	-0.001161	±2.5	PASS
Band2	9262	NV	50	8.31	0.004486	±2.5	PASS
Band2	9400	NV	-30	-2.37	-0.001261	±2.5	PASS
Band2	9400	NV	-20	1.74	0.000926	±2.5	PASS
Band2	9400	NV	-10	-9.04	-0.004809	±2.5	PASS
Band2	9400	NV	0	-0.06	-0.000032	±2.5	PASS
Band2	9400	NV	10	9.22	0.004904	±2.5	PASS
Band2	9400	NV	20	-4.97	-0.002644	±2.5	PASS
Band2	9400	NV	30	-0.14	-0.000074	±2.5	PASS
Band2	9400	NV	40	-7.12	-0.003787	±2.5	PASS
Band2	9400	NV	50	-1.09	-0.000580	±2.5	PASS
Band2	9538	NV	-30	-2.51	-0.001316	±2.5	PASS
Band2	9538	NV	-20	1.79	0.000938	±2.5	PASS
Band2	9538	NV	-10	3.75	0.001966	±2.5	PASS
Band2	9538	NV	0	3.56	0.001866	±2.5	PASS
Band2	9538	NV	10	-3.68	-0.001929	±2.5	PASS
Band2	9538	NV	20	-4.11	-0.002155	±2.5	PASS
Band2	9538	NV	30	-0.42	-0.000220	±2.5	PASS
Band2	9538	NV	40	-0.19	-0.000100	±2.5	PASS
Band2	9538	NV	50	-7.65	-0.004010	±2.5	PASS
Band4	1312	NV	-30	8.04	0.004695	±2.5	PASS
Band4	1312	NV	-20	-0.34	-0.000199	±2.5	PASS
Band4	1312	NV	-10	8.30	0.004847	±2.5	PASS
Band4	1312	NV	0	-5.83	-0.003405	±2.5	PASS
Band4	1312	NV	10	-0.87	-0.000508	±2.5	PASS
Band4	1312	NV	20	3.51	0.002050	±2.5	PASS
Band4	1312	NV	30	4.61	0.002692	±2.5	PASS
Band4	1312	NV	40	7.41	0.004327	±2.5	PASS
Band4	1312	NV	50	-8.22	-0.004800	±2.5	PASS
Band4	1413	NV	-30	-0.70	-0.000404	±2.5	PASS
Band4	1413	NV	-20	3.40	0.001962	±2.5	PASS
Band4	1413	NV	-10	-0.21	-0.000121	±2.5	PASS

Band4	1413	NV	0	6.49	0.003746	±2.5	PASS
Band4	1413	NV	10	-1.64	-0.000947	±2.5	PASS
Band4	1413	NV	20	8.86	0.005114	±2.5	PASS
Band4	1413	NV	30	-0.93	-0.000537	±2.5	PASS
Band4	1413	NV	40	5.65	0.003261	±2.5	PASS
Band4	1413	NV	50	-2.92	-0.001685	±2.5	PASS
Band4	1513	NV	-30	-1.13	-0.000645	±2.5	PASS
Band4	1513	NV	-20	-6.91	-0.003943	±2.5	PASS
Band4	1513	NV	-10	-5.02	-0.002864	±2.5	PASS
Band4	1513	NV	0	-0.35	-0.000200	±2.5	PASS
Band4	1513	NV	10	5.89	0.003361	±2.5	PASS
Band4	1513	NV	20	2.92	0.001666	±2.5	PASS
Band4	1513	NV	30	-0.81	-0.000462	±2.5	PASS
Band4	1513	NV	40	-8.38	-0.004781	±2.5	PASS
Band4	1513	NV	50	-7.88	-0.004496	±2.5	PASS
Band5	4132	NV	-30	0.24	0.000290	±2.5	PASS
Band5	4132	NV	-20	-1.30	-0.001573	±2.5	PASS
Band5	4132	NV	-10	-1.61	-0.001948	±2.5	PASS
Band5	4132	NV	0	0.31	0.000375	±2.5	PASS
Band5	4132	NV	10	-1.30	-0.001573	±2.5	PASS
Band5	4132	NV	20	0.76	0.000920	±2.5	PASS
Band5	4132	NV	30	0.16	0.000194	±2.5	PASS
Band5	4132	NV	40	0.66	0.000799	±2.5	PASS
Band5	4132	NV	50	0.81	0.000980	±2.5	PASS
Band5	4183	NV	-30	-0.23	-0.000275	±2.5	PASS
Band5	4183	NV	-20	-1.19	-0.001422	±2.5	PASS
Band5	4183	NV	-10	1.19	0.001422	±2.5	PASS
Band5	4183	NV	0	0.64	0.000765	±2.5	PASS
Band5	4183	NV	10	0.92	0.001100	±2.5	PASS
Band5	4183	NV	20	-1.21	-0.001446	±2.5	PASS
Band5	4183	NV	30	0.67	0.000801	±2.5	PASS
Band5	4183	NV	40	-1.72	-0.002056	±2.5	PASS
Band5	4183	NV	50	0.24	0.000287	±2.5	PASS
Band5	4233	NV	-30	1.47	0.001736	±2.5	PASS
Band5	4233	NV	-20	-0.28	-0.000331	±2.5	PASS
Band5	4233	NV	-10	0.31	0.000366	±2.5	PASS
Band5	4233	NV	0	0.82	0.000969	±2.5	PASS



Band5	4233	NV	10	0.38	0.000449	±2.5	PASS
Band5	4233	NV	20	0.15	0.000177	±2.5	PASS
Band5	4233	NV	30	0.83	0.000980	±2.5	PASS
Band5	4233	NV	40	1.95	0.002303	±2.5	PASS
Band5	4233	NV	50	-1.10	-0.001299	±2.5	PASS

**Test Result(HSDPA)**

Voltage								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	1	VL	NT	-5.32	-0.002872	±2.5	PASS
Band2	9262	1	VN	NT	-4.28	-0.002311	±2.5	PASS
Band2	9262	1	VH	NT	-2.02	-0.001090	±2.5	PASS
Band2	9262	2	VL	NT	0.45	0.000243	±2.5	PASS
Band2	9262	2	VN	NT	2.60	0.001404	±2.5	PASS
Band2	9262	2	VH	NT	2.36	0.001274	±2.5	PASS
Band2	9262	3	VL	NT	1.65	0.000891	±2.5	PASS
Band2	9262	3	VN	NT	-1.65	-0.000891	±2.5	PASS
Band2	9262	3	VH	NT	3.23	0.001744	±2.5	PASS
Band2	9262	4	VL	NT	-1.40	-0.000756	±2.5	PASS
Band2	9262	4	VN	NT	-6.20	-0.003347	±2.5	PASS
Band2	9262	4	VH	NT	2.00	0.001080	±2.5	PASS
Band2	9400	1	VL	NT	-3.89	-0.002069	±2.5	PASS
Band2	9400	1	VN	NT	-2.95	-0.001569	±2.5	PASS
Band2	9400	1	VH	NT	5.18	0.002755	±2.5	PASS
Band2	9400	2	VL	NT	7.16	0.003809	±2.5	PASS
Band2	9400	2	VN	NT	7.20	0.003830	±2.5	PASS
Band2	9400	2	VH	NT	-5.78	-0.003074	±2.5	PASS
Band2	9400	3	VL	NT	-0.11	-0.000059	±2.5	PASS
Band2	9400	3	VN	NT	-1.92	-0.001021	±2.5	PASS
Band2	9400	3	VH	NT	-4.29	-0.002282	±2.5	PASS
Band2	9400	4	VL	NT	4.48	0.002383	±2.5	PASS
Band2	9400	4	VN	NT	5.20	0.002766	±2.5	PASS
Band2	9400	4	VH	NT	9.69	0.005154	±2.5	PASS
Band2	9538	1	VL	NT	-0.74	-0.000388	±2.5	PASS
Band2	9538	1	VN	NT	6.99	0.003664	±2.5	PASS
Band2	9538	1	VH	NT	2.00	0.001048	±2.5	PASS
Band2	9538	2	VL	NT	-5.02	-0.002632	±2.5	PASS
Band2	9538	2	VN	NT	4.64	0.002432	±2.5	PASS
Band2	9538	2	VH	NT	8.78	0.004603	±2.5	PASS
Band2	9538	3	VL	NT	5.80	0.003040	±2.5	PASS
Band2	9538	3	VN	NT	2.66	0.001394	±2.5	PASS
Band2	9538	3	VH	NT	-2.05	-0.001075	±2.5	PASS

Band2	9538	4	VL	NT	5.50	0.002883	±2.5	PASS
Band2	9538	4	VN	NT	5.36	0.002810	±2.5	PASS
Band2	9538	4	VH	NT	3.81	0.001997	±2.5	PASS
Band4	1312	1	VL	NT	2.77	0.001618	±2.5	PASS
Band4	1312	1	VN	NT	-7.51	-0.004386	±2.5	PASS
Band4	1312	1	VH	NT	-6.25	-0.003650	±2.5	PASS
Band4	1312	2	VL	NT	-2.12	-0.001238	±2.5	PASS
Band4	1312	2	VN	NT	-1.64	-0.000958	±2.5	PASS
Band4	1312	2	VH	NT	-2.33	-0.001361	±2.5	PASS
Band4	1312	3	VL	NT	3.26	0.001904	±2.5	PASS
Band4	1312	3	VN	NT	2.14	0.001250	±2.5	PASS
Band4	1312	3	VH	NT	3.79	0.002213	±2.5	PASS
Band4	1312	4	VL	NT	-4.19	-0.002447	±2.5	PASS
Band4	1312	4	VN	NT	1.05	0.000613	±2.5	PASS
Band4	1312	4	VH	NT	0.02	0.000012	±2.5	PASS
Band4	1413	1	VL	NT	-9.03	-0.005212	±2.5	PASS
Band4	1413	1	VN	NT	7.87	0.004542	±2.5	PASS
Band4	1413	1	VH	NT	-2.73	-0.001576	±2.5	PASS
Band4	1413	2	VL	NT	1.39	0.000802	±2.5	PASS
Band4	1413	2	VN	NT	-0.97	-0.000560	±2.5	PASS
Band4	1413	2	VH	NT	2.57	0.001483	±2.5	PASS
Band4	1413	3	VL	NT	4.76	0.002747	±2.5	PASS
Band4	1413	3	VN	NT	-10.50	-0.006060	±2.5	PASS
Band4	1413	3	VH	NT	0.26	0.000150	±2.5	PASS
Band4	1413	4	VL	NT	-9.47	-0.005466	±2.5	PASS
Band4	1413	4	VN	NT	-1.28	-0.000739	±2.5	PASS
Band4	1413	4	VH	NT	-4.77	-0.002753	±2.5	PASS
Band4	1513	1	VL	NT	-5.04	-0.002876	±2.5	PASS
Band4	1513	1	VN	NT	-6.63	-0.003783	±2.5	PASS
Band4	1513	1	VH	NT	-2.99	-0.001706	±2.5	PASS
Band4	1513	2	VL	NT	5.41	0.003087	±2.5	PASS
Band4	1513	2	VN	NT	7.08	0.004040	±2.5	PASS
Band4	1513	2	VH	NT	-7.89	-0.004502	±2.5	PASS
Band4	1513	3	VL	NT	1.89	0.001078	±2.5	PASS
Band4	1513	3	VN	NT	3.70	0.002111	±2.5	PASS
Band4	1513	3	VH	NT	3.94	0.002248	±2.5	PASS
Band4	1513	4	VL	NT	-2.55	-0.001455	±2.5	PASS

Band4	1513	4	VN	NT	-3.24	-0.001849	±2.5	PASS
Band4	1513	4	VH	NT	-1.78	-0.001016	±2.5	PASS
Band5	4132	1	VL	NT	-1.98	-0.002396	±2.5	PASS
Band5	4132	1	VN	NT	-1.18	-0.001428	±2.5	PASS
Band5	4132	1	VH	NT	-2.79	-0.003376	±2.5	PASS
Band5	4132	2	VL	NT	-0.20	-0.000242	±2.5	PASS
Band5	4132	2	VN	NT	0.01	0.000012	±2.5	PASS
Band5	4132	2	VH	NT	-0.52	-0.000629	±2.5	PASS
Band5	4132	3	VL	NT	0.61	0.000738	±2.5	PASS
Band5	4132	3	VN	NT	0.45	0.000545	±2.5	PASS
Band5	4132	3	VH	NT	-1.85	-0.002239	±2.5	PASS
Band5	4132	4	VL	NT	2.53	0.003061	±2.5	PASS
Band5	4132	4	VN	NT	2.75	0.003328	±2.5	PASS
Band5	4132	4	VH	NT	-0.97	-0.001174	±2.5	PASS
Band5	4183	1	VL	NT	2.03	0.002426	±2.5	PASS
Band5	4183	1	VN	NT	-1.26	-0.001506	±2.5	PASS
Band5	4183	1	VH	NT	-0.91	-0.001088	±2.5	PASS
Band5	4183	2	VL	NT	-0.30	-0.000359	±2.5	PASS
Band5	4183	2	VN	NT	-0.61	-0.000729	±2.5	PASS
Band5	4183	2	VH	NT	-1.78	-0.002128	±2.5	PASS
Band5	4183	3	VL	NT	-0.44	-0.000526	±2.5	PASS
Band5	4183	3	VN	NT	-1.53	-0.001829	±2.5	PASS
Band5	4183	3	VH	NT	-0.67	-0.000801	±2.5	PASS
Band5	4183	4	VL	NT	-0.02	-0.000024	±2.5	PASS
Band5	4183	4	VN	NT	0.10	0.000120	±2.5	PASS
Band5	4183	4	VH	NT	1.55	0.001853	±2.5	PASS
Band5	4233	1	VL	NT	-2.17	-0.002563	±2.5	PASS
Band5	4233	1	VN	NT	-2.29	-0.002705	±2.5	PASS
Band5	4233	1	VH	NT	-1.84	-0.002173	±2.5	PASS
Band5	4233	2	VL	NT	0.57	0.000673	±2.5	PASS
Band5	4233	2	VN	NT	2.55	0.003012	±2.5	PASS
Band5	4233	2	VH	NT	-2.31	-0.002729	±2.5	PASS
Band5	4233	3	VL	NT	-0.76	-0.000898	±2.5	PASS
Band5	4233	3	VN	NT	-3.46	-0.004087	±2.5	PASS
Band5	4233	3	VH	NT	-0.16	-0.000189	±2.5	PASS
Band5	4233	4	VL	NT	-1.51	-0.001784	±2.5	PASS
Band5	4233	4	VN	NT	-2.32	-0.002740	±2.5	PASS

Band5	4233	4	VH	NT	-2.62	-0.003095	±2.5	PASS
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Temperature								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	1	NV	-30	-3.80	-0.002051	±2.5	PASS
Band2	9262	1	NV	-20	-12.78	-0.006899	±2.5	PASS
Band2	9262	1	NV	-10	-7.24	-0.003908	±2.5	PASS
Band2	9262	1	NV	0	7.49	0.004043	±2.5	PASS
Band2	9262	1	NV	10	2.38	0.001285	±2.5	PASS
Band2	9262	1	NV	20	8.27	0.004464	±2.5	PASS
Band2	9262	1	NV	30	-2.93	-0.001582	±2.5	PASS
Band2	9262	1	NV	40	4.43	0.002391	±2.5	PASS
Band2	9262	1	NV	50	-3.48	-0.001879	±2.5	PASS
Band2	9262	2	NV	-30	4.30	0.002321	±2.5	PASS
Band2	9262	2	NV	-20	-1.42	-0.000767	±2.5	PASS
Band2	9262	2	NV	-10	-5.34	-0.002883	±2.5	PASS
Band2	9262	2	NV	0	-2.45	-0.001323	±2.5	PASS
Band2	9262	2	NV	10	3.58	0.001933	±2.5	PASS
Band2	9262	2	NV	20	0.59	0.000319	±2.5	PASS
Band2	9262	2	NV	30	-1.62	-0.000875	±2.5	PASS
Band2	9262	2	NV	40	1.52	0.000821	±2.5	PASS
Band2	9262	2	NV	50	-2.58	-0.001393	±2.5	PASS
Band2	9262	3	NV	-30	-0.47	-0.000254	±2.5	PASS
Band2	9262	3	NV	-20	5.06	0.002732	±2.5	PASS
Band2	9262	3	NV	-10	1.46	0.000788	±2.5	PASS
Band2	9262	3	NV	0	-3.29	-0.001776	±2.5	PASS
Band2	9262	3	NV	10	-4.13	-0.002230	±2.5	PASS
Band2	9262	3	NV	20	8.01	0.004324	±2.5	PASS
Band2	9262	3	NV	30	-3.99	-0.002154	±2.5	PASS
Band2	9262	3	NV	40	10.33	0.005577	±2.5	PASS
Band2	9262	3	NV	50	4.92	0.002656	±2.5	PASS
Band2	9262	4	NV	-30	-0.43	-0.000232	±2.5	PASS
Band2	9262	4	NV	-20	-2.21	-0.001193	±2.5	PASS
Band2	9262	4	NV	-10	3.27	0.001765	±2.5	PASS
Band2	9262	4	NV	0	1.28	0.000691	±2.5	PASS
Band2	9262	4	NV	10	-0.80	-0.000432	±2.5	PASS

Band2	9262	4	NV	20	0.41	0.000221	±2.5	PASS
Band2	9262	4	NV	30	1.59	0.000858	±2.5	PASS
Band2	9262	4	NV	40	0.19	0.000103	±2.5	PASS
Band2	9262	4	NV	50	4.18	0.002257	±2.5	PASS
Band2	9400	1	NV	-30	-5.50	-0.002926	±2.5	PASS
Band2	9400	1	NV	-20	-4.46	-0.002372	±2.5	PASS
Band2	9400	1	NV	-10	-0.02	-0.000011	±2.5	PASS
Band2	9400	1	NV	0	-2.95	-0.001569	±2.5	PASS
Band2	9400	1	NV	10	-9.72	-0.005170	±2.5	PASS
Band2	9400	1	NV	20	5.26	0.002798	±2.5	PASS
Band2	9400	1	NV	30	5.81	0.003090	±2.5	PASS
Band2	9400	1	NV	40	5.15	0.002739	±2.5	PASS
Band2	9400	1	NV	50	6.82	0.003628	±2.5	PASS
Band2	9400	2	NV	-30	-5.87	-0.003122	±2.5	PASS
Band2	9400	2	NV	-20	6.96	0.003702	±2.5	PASS
Band2	9400	2	NV	-10	9.09	0.004835	±2.5	PASS
Band2	9400	2	NV	0	-1.10	-0.000585	±2.5	PASS
Band2	9400	2	NV	10	-2.92	-0.001553	±2.5	PASS
Band2	9400	2	NV	20	-1.91	-0.001016	±2.5	PASS
Band2	9400	2	NV	30	1.27	0.000676	±2.5	PASS
Band2	9400	2	NV	40	-5.27	-0.002803	±2.5	PASS
Band2	9400	2	NV	50	-2.79	-0.001484	±2.5	PASS
Band2	9400	3	NV	-30	-0.40	-0.000213	±2.5	PASS
Band2	9400	3	NV	-20	-2.14	-0.001138	±2.5	PASS
Band2	9400	3	NV	-10	0.95	0.000505	±2.5	PASS
Band2	9400	3	NV	0	-1.49	-0.000793	±2.5	PASS
Band2	9400	3	NV	10	2.84	0.001511	±2.5	PASS
Band2	9400	3	NV	20	-6.78	-0.003606	±2.5	PASS
Band2	9400	3	NV	30	-8.28	-0.004404	±2.5	PASS
Band2	9400	3	NV	40	3.07	0.001633	±2.5	PASS
Band2	9400	3	NV	50	1.29	0.000686	±2.5	PASS
Band2	9400	4	NV	-30	3.87	0.002059	±2.5	PASS
Band2	9400	4	NV	-20	8.03	0.004271	±2.5	PASS
Band2	9400	4	NV	-10	4.49	0.002388	±2.5	PASS
Band2	9400	4	NV	0	-5.50	-0.002926	±2.5	PASS
Band2	9400	4	NV	10	5.37	0.002856	±2.5	PASS
Band2	9400	4	NV	20	6.65	0.003537	±2.5	PASS

Band2	9400	4	NV	30	5.70	0.003032	±2.5	PASS
Band2	9400	4	NV	40	9.69	0.005154	±2.5	PASS
Band2	9400	4	NV	50	7.22	0.003840	±2.5	PASS
Band2	9538	1	NV	-30	3.99	0.002092	±2.5	PASS
Band2	9538	1	NV	-20	6.00	0.003145	±2.5	PASS
Band2	9538	1	NV	-10	9.50	0.004980	±2.5	PASS
Band2	9538	1	NV	0	7.86	0.004120	±2.5	PASS
Band2	9538	1	NV	10	9.09	0.004765	±2.5	PASS
Band2	9538	1	NV	20	2.62	0.001373	±2.5	PASS
Band2	9538	1	NV	30	9.29	0.004870	±2.5	PASS
Band2	9538	1	NV	40	8.36	0.004382	±2.5	PASS
Band2	9538	1	NV	50	-2.82	-0.001478	±2.5	PASS
Band2	9538	2	NV	-30	10.26	0.005378	±2.5	PASS
Band2	9538	2	NV	-20	-2.37	-0.001242	±2.5	PASS
Band2	9538	2	NV	-10	-3.77	-0.001976	±2.5	PASS
Band2	9538	2	NV	0	7.63	0.004000	±2.5	PASS
Band2	9538	2	NV	10	4.25	0.002228	±2.5	PASS
Band2	9538	2	NV	20	8.64	0.004529	±2.5	PASS
Band2	9538	2	NV	30	-4.98	-0.002611	±2.5	PASS
Band2	9538	2	NV	40	2.48	0.001300	±2.5	PASS
Band2	9538	2	NV	50	6.29	0.003297	±2.5	PASS
Band2	9538	3	NV	-30	-7.01	-0.003675	±2.5	PASS
Band2	9538	3	NV	-20	-6.87	-0.003601	±2.5	PASS
Band2	9538	3	NV	-10	-5.61	-0.002941	±2.5	PASS
Band2	9538	3	NV	0	4.60	0.002411	±2.5	PASS
Band2	9538	3	NV	10	7.11	0.003727	±2.5	PASS
Band2	9538	3	NV	20	5.52	0.002894	±2.5	PASS
Band2	9538	3	NV	30	-5.23	-0.002742	±2.5	PASS
Band2	9538	3	NV	40	-1.39	-0.000729	±2.5	PASS
Band2	9538	3	NV	50	-0.21	-0.000110	±2.5	PASS
Band2	9538	4	NV	-30	6.02	0.003156	±2.5	PASS
Band2	9538	4	NV	-20	5.75	0.003014	±2.5	PASS
Band2	9538	4	NV	-10	4.85	0.002542	±2.5	PASS
Band2	9538	4	NV	0	-9.44	-0.004949	±2.5	PASS
Band2	9538	4	NV	10	-2.77	-0.001452	±2.5	PASS
Band2	9538	4	NV	20	2.79	0.001463	±2.5	PASS
Band2	9538	4	NV	30	-2.43	-0.001274	±2.5	PASS

Band2	9538	4	NV	40	0.34	0.000178	±2.5	PASS
Band2	9538	4	NV	50	2.72	0.001426	±2.5	PASS
Band4	1312	1	NV	-30	0.50	0.000292	±2.5	PASS
Band4	1312	1	NV	-20	-6.71	-0.003918	±2.5	PASS
Band4	1312	1	NV	-10	2.81	0.001641	±2.5	PASS
Band4	1312	1	NV	0	0.58	0.000339	±2.5	PASS
Band4	1312	1	NV	10	1.51	0.000882	±2.5	PASS
Band4	1312	1	NV	20	0.39	0.000228	±2.5	PASS
Band4	1312	1	NV	30	2.76	0.001612	±2.5	PASS
Band4	1312	1	NV	40	3.70	0.002161	±2.5	PASS
Band4	1312	1	NV	50	3.13	0.001828	±2.5	PASS
Band4	1312	2	NV	-30	-0.49	-0.000286	±2.5	PASS
Band4	1312	2	NV	-20	4.52	0.002640	±2.5	PASS
Band4	1312	2	NV	-10	-1.81	-0.001057	±2.5	PASS
Band4	1312	2	NV	0	0.51	0.000298	±2.5	PASS
Band4	1312	2	NV	10	2.42	0.001413	±2.5	PASS
Band4	1312	2	NV	20	1.83	0.001069	±2.5	PASS
Band4	1312	2	NV	30	2.05	0.001197	±2.5	PASS
Band4	1312	2	NV	40	1.41	0.000823	±2.5	PASS
Band4	1312	2	NV	50	0.68	0.000397	±2.5	PASS
Band4	1312	3	NV	-30	2.27	0.001326	±2.5	PASS
Band4	1312	3	NV	-20	-2.04	-0.001191	±2.5	PASS
Band4	1312	3	NV	-10	1.33	0.000777	±2.5	PASS
Band4	1312	3	NV	0	0.46	0.000269	±2.5	PASS
Band4	1312	3	NV	10	0.96	0.000561	±2.5	PASS
Band4	1312	3	NV	20	1.92	0.001121	±2.5	PASS
Band4	1312	3	NV	30	-0.59	-0.000345	±2.5	PASS
Band4	1312	3	NV	40	-0.71	-0.000415	±2.5	PASS
Band4	1312	3	NV	50	-2.18	-0.001273	±2.5	PASS
Band4	1312	4	NV	-30	2.27	0.001326	±2.5	PASS
Band4	1312	4	NV	-20	-1.75	-0.001022	±2.5	PASS
Band4	1312	4	NV	-10	-4.62	-0.002698	±2.5	PASS
Band4	1312	4	NV	0	-1.65	-0.000964	±2.5	PASS
Band4	1312	4	NV	10	0.41	0.000239	±2.5	PASS
Band4	1312	4	NV	20	6.46	0.003772	±2.5	PASS
Band4	1312	4	NV	30	0.81	0.000473	±2.5	PASS
Band4	1312	4	NV	40	9.57	0.005589	±2.5	PASS



Band4	1312	4	NV	50	6.38	0.003726	±2.5	PASS
Band4	1413	1	NV	-30	-6.41	-0.003700	±2.5	PASS
Band4	1413	1	NV	-20	-6.90	-0.003982	±2.5	PASS
Band4	1413	1	NV	-10	-3.45	-0.001991	±2.5	PASS
Band4	1413	1	NV	0	-4.48	-0.002586	±2.5	PASS
Band4	1413	1	NV	10	-10.61	-0.006124	±2.5	PASS
Band4	1413	1	NV	20	9.17	0.005293	±2.5	PASS
Band4	1413	1	NV	30	5.77	0.003330	±2.5	PASS
Band4	1413	1	NV	40	2.29	0.001322	±2.5	PASS
Band4	1413	1	NV	50	2.92	0.001685	±2.5	PASS
Band4	1413	2	NV	-30	1.28	0.000739	±2.5	PASS
Band4	1413	2	NV	-20	3.76	0.002170	±2.5	PASS
Band4	1413	2	NV	-10	6.54	0.003775	±2.5	PASS
Band4	1413	2	NV	0	4.98	0.002874	±2.5	PASS
Band4	1413	2	NV	10	-7.96	-0.004594	±2.5	PASS
Band4	1413	2	NV	20	-11.26	-0.006499	±2.5	PASS
Band4	1413	2	NV	30	-7.03	-0.004057	±2.5	PASS
Band4	1413	2	NV	40	-5.71	-0.003296	±2.5	PASS
Band4	1413	2	NV	50	-5.47	-0.003157	±2.5	PASS
Band4	1413	3	NV	-30	-5.79	-0.003342	±2.5	PASS
Band4	1413	3	NV	-20	-9.77	-0.005639	±2.5	PASS
Band4	1413	3	NV	-10	-4.91	-0.002834	±2.5	PASS
Band4	1413	3	NV	0	1.89	0.001091	±2.5	PASS
Band4	1413	3	NV	10	4.02	0.002320	±2.5	PASS
Band4	1413	3	NV	20	1.98	0.001143	±2.5	PASS
Band4	1413	3	NV	30	1.67	0.000964	±2.5	PASS
Band4	1413	3	NV	40	4.18	0.002413	±2.5	PASS
Band4	1413	3	NV	50	1.92	0.001108	±2.5	PASS
Band4	1413	4	NV	-30	-3.01	-0.001737	±2.5	PASS
Band4	1413	4	NV	-20	-3.07	-0.001772	±2.5	PASS
Band4	1413	4	NV	-10	-8.07	-0.004658	±2.5	PASS
Band4	1413	4	NV	0	-3.18	-0.001835	±2.5	PASS
Band4	1413	4	NV	10	-1.58	-0.000912	±2.5	PASS
Band4	1413	4	NV	20	-5.64	-0.003255	±2.5	PASS
Band4	1413	4	NV	30	-5.01	-0.002892	±2.5	PASS
Band4	1413	4	NV	40	-3.68	-0.002124	±2.5	PASS
Band4	1413	4	NV	50	-4.30	-0.002482	±2.5	PASS

Band4	1513	1	NV	-30	-2.66	-0.001518	±2.5	PASS
Band4	1513	1	NV	-20	-0.47	-0.000268	±2.5	PASS
Band4	1513	1	NV	-10	-3.87	-0.002208	±2.5	PASS
Band4	1513	1	NV	0	1.41	0.000805	±2.5	PASS
Band4	1513	1	NV	10	-4.46	-0.002545	±2.5	PASS
Band4	1513	1	NV	20	-2.41	-0.001375	±2.5	PASS
Band4	1513	1	NV	30	-6.78	-0.003869	±2.5	PASS
Band4	1513	1	NV	40	-0.59	-0.000337	±2.5	PASS
Band4	1513	1	NV	50	-8.16	-0.004656	±2.5	PASS
Band4	1513	2	NV	-30	2.48	0.001415	±2.5	PASS
Band4	1513	2	NV	-20	-4.47	-0.002550	±2.5	PASS
Band4	1513	2	NV	-10	-7.19	-0.004102	±2.5	PASS
Band4	1513	2	NV	0	7.87	0.004490	±2.5	PASS
Band4	1513	2	NV	10	2.63	0.001501	±2.5	PASS
Band4	1513	2	NV	20	0.11	0.000063	±2.5	PASS
Band4	1513	2	NV	30	1.89	0.001078	±2.5	PASS
Band4	1513	2	NV	40	2.86	0.001632	±2.5	PASS
Band4	1513	2	NV	50	4.87	0.002779	±2.5	PASS
Band4	1513	3	NV	-30	2.53	0.001444	±2.5	PASS
Band4	1513	3	NV	-20	0.69	0.000394	±2.5	PASS
Band4	1513	3	NV	-10	0.55	0.000314	±2.5	PASS
Band4	1513	3	NV	0	-3.46	-0.001974	±2.5	PASS
Band4	1513	3	NV	10	-0.19	-0.000108	±2.5	PASS
Band4	1513	3	NV	20	0.99	0.000565	±2.5	PASS
Band4	1513	3	NV	30	5.93	0.003384	±2.5	PASS
Band4	1513	3	NV	40	2.52	0.001438	±2.5	PASS
Band4	1513	3	NV	50	-3.12	-0.001780	±2.5	PASS
Band4	1513	4	NV	-30	-0.15	-0.000086	±2.5	PASS
Band4	1513	4	NV	-20	2.65	0.001512	±2.5	PASS
Band4	1513	4	NV	-10	2.85	0.001626	±2.5	PASS
Band4	1513	4	NV	0	8.05	0.004593	±2.5	PASS
Band4	1513	4	NV	10	2.77	0.001581	±2.5	PASS
Band4	1513	4	NV	20	7.12	0.004063	±2.5	PASS
Band4	1513	4	NV	30	-1.23	-0.000702	±2.5	PASS
Band4	1513	4	NV	40	-7.00	-0.003994	±2.5	PASS
Band4	1513	4	NV	50	7.42	0.004234	±2.5	PASS
Band5	4132	1	NV	-30	-2.05	-0.002481	±2.5	PASS

Band5	4132	1	NV	-20	1.46	0.001767	±2.5	PASS
Band5	4132	1	NV	-10	-0.17	-0.000206	±2.5	PASS
Band5	4132	1	NV	0	0.96	0.001162	±2.5	PASS
Band5	4132	1	NV	10	-1.47	-0.001779	±2.5	PASS
Band5	4132	1	NV	20	1.46	0.001767	±2.5	PASS
Band5	4132	1	NV	30	-0.60	-0.000726	±2.5	PASS
Band5	4132	1	NV	40	1.36	0.001646	±2.5	PASS
Band5	4132	1	NV	50	1.80	0.002178	±2.5	PASS
Band5	4132	2	NV	-30	0.36	0.000436	±2.5	PASS
Band5	4132	2	NV	-20	1.04	0.001258	±2.5	PASS
Band5	4132	2	NV	-10	-1.25	-0.001513	±2.5	PASS
Band5	4132	2	NV	0	-0.64	-0.000774	±2.5	PASS
Band5	4132	2	NV	10	-2.28	-0.002759	±2.5	PASS
Band5	4132	2	NV	20	-1.01	-0.001222	±2.5	PASS
Band5	4132	2	NV	30	0.12	0.000145	±2.5	PASS
Band5	4132	2	NV	40	-0.06	-0.000073	±2.5	PASS
Band5	4132	2	NV	50	1.70	0.002057	±2.5	PASS
Band5	4132	3	NV	-30	0.33	0.000399	±2.5	PASS
Band5	4132	3	NV	-20	-1.56	-0.001888	±2.5	PASS
Band5	4132	3	NV	-10	0.39	0.000472	±2.5	PASS
Band5	4132	3	NV	0	-2.93	-0.003545	±2.5	PASS
Band5	4132	3	NV	10	-1.57	-0.001900	±2.5	PASS
Band5	4132	3	NV	20	0.66	0.000799	±2.5	PASS
Band5	4132	3	NV	30	-0.33	-0.000399	±2.5	PASS
Band5	4132	3	NV	40	0.97	0.001174	±2.5	PASS
Band5	4132	3	NV	50	1.31	0.001585	±2.5	PASS
Band5	4132	4	NV	-30	-0.64	-0.000774	±2.5	PASS
Band5	4132	4	NV	-20	0.15	0.000182	±2.5	PASS
Band5	4132	4	NV	-10	2.18	0.002638	±2.5	PASS
Band5	4132	4	NV	0	-1.55	-0.001876	±2.5	PASS
Band5	4132	4	NV	10	1.45	0.001755	±2.5	PASS
Band5	4132	4	NV	20	-0.87	-0.001053	±2.5	PASS
Band5	4132	4	NV	30	-2.99	-0.003618	±2.5	PASS
Band5	4132	4	NV	40	1.43	0.001730	±2.5	PASS
Band5	4132	4	NV	50	1.26	0.001525	±2.5	PASS
Band5	4183	1	NV	-30	-0.28	-0.000335	±2.5	PASS
Band5	4183	1	NV	-20	-1.12	-0.001339	±2.5	PASS

Band5	4183	1	NV	-10	1.75	0.002092	±2.5	PASS
Band5	4183	1	NV	0	-0.36	-0.000430	±2.5	PASS
Band5	4183	1	NV	10	-0.61	-0.000729	±2.5	PASS
Band5	4183	1	NV	20	-0.87	-0.001040	±2.5	PASS
Band5	4183	1	NV	30	-1.16	-0.001387	±2.5	PASS
Band5	4183	1	NV	40	1.34	0.001602	±2.5	PASS
Band5	4183	1	NV	50	-0.71	-0.000849	±2.5	PASS
Band5	4183	2	NV	-30	1.00	0.001195	±2.5	PASS
Band5	4183	2	NV	-20	-0.97	-0.001159	±2.5	PASS
Band5	4183	2	NV	-10	0.79	0.000944	±2.5	PASS
Band5	4183	2	NV	0	0.99	0.001183	±2.5	PASS
Band5	4183	2	NV	10	-0.65	-0.000777	±2.5	PASS
Band5	4183	2	NV	20	-2.19	-0.002618	±2.5	PASS
Band5	4183	2	NV	30	1.04	0.001243	±2.5	PASS
Band5	4183	2	NV	40	0.76	0.000908	±2.5	PASS
Band5	4183	2	NV	50	-0.31	-0.000371	±2.5	PASS
Band5	4183	3	NV	-30	-0.69	-0.000825	±2.5	PASS
Band5	4183	3	NV	-20	0.70	0.000837	±2.5	PASS
Band5	4183	3	NV	-10	-0.30	-0.000359	±2.5	PASS
Band5	4183	3	NV	0	0.04	0.000048	±2.5	PASS
Band5	4183	3	NV	10	1.67	0.001996	±2.5	PASS
Band5	4183	3	NV	20	0.12	0.000143	±2.5	PASS
Band5	4183	3	NV	30	1.02	0.001219	±2.5	PASS
Band5	4183	3	NV	40	-0.94	-0.001124	±2.5	PASS
Band5	4183	3	NV	50	0.85	0.001016	±2.5	PASS
Band5	4183	4	NV	-30	0.02	0.000024	±2.5	PASS
Band5	4183	4	NV	-20	-0.31	-0.000371	±2.5	PASS
Band5	4183	4	NV	-10	-0.03	-0.000036	±2.5	PASS
Band5	4183	4	NV	0	-0.67	-0.000801	±2.5	PASS
Band5	4183	4	NV	10	1.03	0.001231	±2.5	PASS
Band5	4183	4	NV	20	-3.39	-0.004052	±2.5	PASS
Band5	4183	4	NV	30	-0.79	-0.000944	±2.5	PASS
Band5	4183	4	NV	40	-1.83	-0.002187	±2.5	PASS
Band5	4183	4	NV	50	-0.42	-0.000502	±2.5	PASS
Band5	4233	1	NV	-30	1.57	0.001854	±2.5	PASS
Band5	4233	1	NV	-20	1.06	0.001252	±2.5	PASS
Band5	4233	1	NV	-10	0.19	0.000224	±2.5	PASS

Band5	4233	1	NV	0	0.76	0.000898	±2.5	PASS
Band5	4233	1	NV	10	0.14	0.000165	±2.5	PASS
Band5	4233	1	NV	20	2.33	0.002752	±2.5	PASS
Band5	4233	1	NV	30	-0.55	-0.000650	±2.5	PASS
Band5	4233	1	NV	40	0.44	0.000520	±2.5	PASS
Band5	4233	1	NV	50	1.55	0.001831	±2.5	PASS
Band5	4233	2	NV	-30	-0.52	-0.000614	±2.5	PASS
Band5	4233	2	NV	-20	-1.96	-0.002315	±2.5	PASS
Band5	4233	2	NV	-10	-0.98	-0.001158	±2.5	PASS
Band5	4233	2	NV	0	0.09	0.000106	±2.5	PASS
Band5	4233	2	NV	10	-1.86	-0.002197	±2.5	PASS
Band5	4233	2	NV	20	-1.79	-0.002114	±2.5	PASS
Band5	4233	2	NV	30	0.23	0.000272	±2.5	PASS
Band5	4233	2	NV	40	-0.83	-0.000980	±2.5	PASS
Band5	4233	2	NV	50	2.05	0.002421	±2.5	PASS
Band5	4233	3	NV	-30	1.15	0.001358	±2.5	PASS
Band5	4233	3	NV	-20	-0.19	-0.000224	±2.5	PASS
Band5	4233	3	NV	-10	-1.87	-0.002209	±2.5	PASS
Band5	4233	3	NV	0	-0.25	-0.000295	±2.5	PASS
Band5	4233	3	NV	10	-0.98	-0.001158	±2.5	PASS
Band5	4233	3	NV	20	-0.35	-0.000413	±2.5	PASS
Band5	4233	3	NV	30	-0.31	-0.000366	±2.5	PASS
Band5	4233	3	NV	40	-2.12	-0.002504	±2.5	PASS
Band5	4233	3	NV	50	-3.89	-0.004595	±2.5	PASS
Band5	4233	4	NV	-30	-1.23	-0.001453	±2.5	PASS
Band5	4233	4	NV	-20	-1.60	-0.001890	±2.5	PASS
Band5	4233	4	NV	-10	-1.75	-0.002067	±2.5	PASS
Band5	4233	4	NV	0	-0.37	-0.000437	±2.5	PASS
Band5	4233	4	NV	10	-3.21	-0.003792	±2.5	PASS
Band5	4233	4	NV	20	-1.31	-0.001547	±2.5	PASS
Band5	4233	4	NV	30	-2.62	-0.003095	±2.5	PASS
Band5	4233	4	NV	40	-0.16	-0.000189	±2.5	PASS
Band5	4233	4	NV	50	0.70	0.000827	±2.5	PASS

**Test Result(HSUPA)**

Voltage								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	1	VL	NT	2.70	0.001458	±2.5	PASS
Band2	9262	1	VN	NT	3.37	0.001819	±2.5	PASS
Band2	9262	1	VH	NT	1.70	0.000918	±2.5	PASS
Band2	9262	2	VL	NT	1.29	0.000696	±2.5	PASS
Band2	9262	2	VN	NT	-2.31	-0.001247	±2.5	PASS
Band2	9262	2	VH	NT	6.15	0.003320	±2.5	PASS
Band2	9262	3	VL	NT	-3.11	-0.001679	±2.5	PASS
Band2	9262	3	VN	NT	-2.35	-0.001269	±2.5	PASS
Band2	9262	3	VH	NT	4.46	0.002408	±2.5	PASS
Band2	9262	4	VL	NT	1.57	0.000848	±2.5	PASS
Band2	9262	4	VN	NT	3.10	0.001674	±2.5	PASS
Band2	9262	4	VH	NT	2.13	0.001150	±2.5	PASS
Band2	9262	5	VL	NT	2.13	0.001150	±2.5	PASS
Band2	9262	5	VN	NT	-4.87	-0.002629	±2.5	PASS
Band2	9262	5	VH	NT	5.64	0.003045	±2.5	PASS
Band2	9400	1	VL	NT	5.81	0.003090	±2.5	PASS
Band2	9400	1	VN	NT	1.14	0.000606	±2.5	PASS
Band2	9400	1	VH	NT	4.02	0.002138	±2.5	PASS
Band2	9400	2	VL	NT	5.01	0.002665	±2.5	PASS
Band2	9400	2	VN	NT	-0.78	-0.000415	±2.5	PASS
Band2	9400	2	VH	NT	2.89	0.001537	±2.5	PASS
Band2	9400	3	VL	NT	-4.19	-0.002229	±2.5	PASS
Band2	9400	3	VN	NT	-5.21	-0.002771	±2.5	PASS
Band2	9400	3	VH	NT	-5.57	-0.002963	±2.5	PASS
Band2	9400	4	VL	NT	7.42	0.003947	±2.5	PASS
Band2	9400	4	VN	NT	4.14	0.002202	±2.5	PASS
Band2	9400	4	VH	NT	5.84	0.003106	±2.5	PASS
Band2	9400	5	VL	NT	-7.13	-0.003793	±2.5	PASS
Band2	9400	5	VN	NT	-8.33	-0.004431	±2.5	PASS
Band2	9400	5	VH	NT	-7.93	-0.004218	±2.5	PASS
Band2	9538	1	VL	NT	-7.16	-0.003753	±2.5	PASS
Band2	9538	1	VN	NT	-8.52	-0.004466	±2.5	PASS
Band2	9538	1	VH	NT	-7.88	-0.004131	±2.5	PASS

Band2	9538	2	VL	NT	1.23	0.000645	±2.5	PASS
Band2	9538	2	VN	NT	4.49	0.002354	±2.5	PASS
Band2	9538	2	VH	NT	3.06	0.001604	±2.5	PASS
Band2	9538	3	VL	NT	3.68	0.001929	±2.5	PASS
Band2	9538	3	VN	NT	6.11	0.003203	±2.5	PASS
Band2	9538	3	VH	NT	1.91	0.001001	±2.5	PASS
Band2	9538	4	VL	NT	3.64	0.001908	±2.5	PASS
Band2	9538	4	VN	NT	1.39	0.000729	±2.5	PASS
Band2	9538	4	VH	NT	0.46	0.000241	±2.5	PASS
Band2	9538	5	VL	NT	2.55	0.001337	±2.5	PASS
Band2	9538	5	VN	NT	10.26	0.005378	±2.5	PASS
Band2	9538	5	VH	NT	3.63	0.001903	±2.5	PASS
Band4	1312	1	VL	NT	5.01	0.002926	±2.5	PASS
Band4	1312	1	VN	NT	2.18	0.001273	±2.5	PASS
Band4	1312	1	VH	NT	8.54	0.004987	±2.5	PASS
Band4	1312	2	VL	NT	-2.14	-0.001250	±2.5	PASS
Band4	1312	2	VN	NT	-4.17	-0.002435	±2.5	PASS
Band4	1312	2	VH	NT	-6.28	-0.003667	±2.5	PASS
Band4	1312	3	VL	NT	1.98	0.001156	±2.5	PASS
Band4	1312	3	VN	NT	-0.05	-0.000029	±2.5	PASS
Band4	1312	3	VH	NT	5.04	0.002943	±2.5	PASS
Band4	1312	4	VL	NT	2.35	0.001372	±2.5	PASS
Band4	1312	4	VN	NT	6.87	0.004012	±2.5	PASS
Band4	1312	4	VH	NT	7.21	0.004210	±2.5	PASS
Band4	1312	5	VL	NT	-9.10	-0.005314	±2.5	PASS
Band4	1312	5	VN	NT	10.63	0.006208	±2.5	PASS
Band4	1312	5	VH	NT	9.76	0.005700	±2.5	PASS
Band4	1413	1	VL	NT	2.18	0.001258	±2.5	PASS
Band4	1413	1	VN	NT	1.65	0.000952	±2.5	PASS
Band4	1413	1	VH	NT	7.19	0.004150	±2.5	PASS
Band4	1413	2	VL	NT	7.52	0.004340	±2.5	PASS
Band4	1413	2	VN	NT	4.42	0.002551	±2.5	PASS
Band4	1413	2	VH	NT	11.11	0.006412	±2.5	PASS
Band4	1413	3	VL	NT	-0.77	-0.000444	±2.5	PASS
Band4	1413	3	VN	NT	-3.95	-0.002280	±2.5	PASS
Band4	1413	3	VH	NT	1.95	0.001125	±2.5	PASS
Band4	1413	4	VL	NT	6.28	0.003625	±2.5	PASS

Band4	1413	4	VN	NT	5.78	0.003336	±2.5	PASS
Band4	1413	4	VH	NT	4.37	0.002522	±2.5	PASS
Band4	1413	5	VL	NT	-3.76	-0.002170	±2.5	PASS
Band4	1413	5	VN	NT	4.94	0.002851	±2.5	PASS
Band4	1413	5	VH	NT	-4.32	-0.002493	±2.5	PASS
Band4	1513	1	VL	NT	-1.82	-0.001038	±2.5	PASS
Band4	1513	1	VN	NT	-2.81	-0.001603	±2.5	PASS
Band4	1513	1	VH	NT	-4.76	-0.002716	±2.5	PASS
Band4	1513	2	VL	NT	4.59	0.002619	±2.5	PASS
Band4	1513	2	VN	NT	2.42	0.001381	±2.5	PASS
Band4	1513	2	VH	NT	4.99	0.002847	±2.5	PASS
Band4	1513	3	VL	NT	5.30	0.003024	±2.5	PASS
Band4	1513	3	VN	NT	4.72	0.002693	±2.5	PASS
Band4	1513	3	VH	NT	6.41	0.003657	±2.5	PASS
Band4	1513	4	VL	NT	1.89	0.001078	±2.5	PASS
Band4	1513	4	VN	NT	4.28	0.002442	±2.5	PASS
Band4	1513	4	VH	NT	6.57	0.003749	±2.5	PASS
Band4	1513	5	VL	NT	-1.41	-0.000805	±2.5	PASS
Band4	1513	5	VN	NT	3.34	0.001906	±2.5	PASS
Band4	1513	5	VH	NT	-2.76	-0.001575	±2.5	PASS
Band5	4132	1	VL	NT	2.00	0.002420	±2.5	PASS
Band5	4132	1	VN	NT	1.15	0.001392	±2.5	PASS
Band5	4132	1	VH	NT	3.49	0.004223	±2.5	PASS
Band5	4132	2	VL	NT	1.09	0.001319	±2.5	PASS
Band5	4132	2	VN	NT	1.11	0.001343	±2.5	PASS
Band5	4132	2	VH	NT	-0.30	-0.000363	±2.5	PASS
Band5	4132	3	VL	NT	-0.90	-0.001089	±2.5	PASS
Band5	4132	3	VN	NT	1.27	0.001537	±2.5	PASS
Band5	4132	3	VH	NT	-1.63	-0.001972	±2.5	PASS
Band5	4132	4	VL	NT	0.95	0.001150	±2.5	PASS
Band5	4132	4	VN	NT	0.49	0.000593	±2.5	PASS
Band5	4132	4	VH	NT	-1.78	-0.002154	±2.5	PASS
Band5	4132	5	VL	NT	0.73	0.000883	±2.5	PASS
Band5	4132	5	VN	NT	-1.73	-0.002093	±2.5	PASS
Band5	4132	5	VH	NT	-0.82	-0.000992	±2.5	PASS
Band5	4183	1	VL	NT	-0.08	-0.000096	±2.5	PASS
Band5	4183	1	VN	NT	1.71	0.002044	±2.5	PASS



Band5	4183	1	VH	NT	-0.07	-0.000084	±2.5	PASS
Band5	4183	2	VL	NT	-0.47	-0.000562	±2.5	PASS
Band5	4183	2	VN	NT	-0.04	-0.000048	±2.5	PASS
Band5	4183	2	VH	NT	0.59	0.000705	±2.5	PASS
Band5	4183	3	VL	NT	1.02	0.001219	±2.5	PASS
Band5	4183	3	VN	NT	0.33	0.000394	±2.5	PASS
Band5	4183	3	VH	NT	1.44	0.001721	±2.5	PASS
Band5	4183	4	VL	NT	-0.79	-0.000944	±2.5	PASS
Band5	4183	4	VN	NT	-2.19	-0.002618	±2.5	PASS
Band5	4183	4	VH	NT	-3.33	-0.003980	±2.5	PASS
Band5	4183	5	VL	NT	0.87	0.001040	±2.5	PASS
Band5	4183	5	VN	NT	-0.13	-0.000155	±2.5	PASS
Band5	4183	5	VH	NT	-0.90	-0.001076	±2.5	PASS
Band5	4233	1	VL	NT	-2.91	-0.003437	±2.5	PASS
Band5	4233	1	VN	NT	3.31	0.003910	±2.5	PASS
Band5	4233	1	VH	NT	-2.62	-0.003095	±2.5	PASS
Band5	4233	2	VL	NT	2.28	0.002693	±2.5	PASS
Band5	4233	2	VN	NT	3.88	0.004583	±2.5	PASS
Band5	4233	2	VH	NT	2.27	0.002681	±2.5	PASS
Band5	4233	3	VL	NT	-0.92	-0.001087	±2.5	PASS
Band5	4233	3	VN	NT	-0.12	-0.000142	±2.5	PASS
Band5	4233	3	VH	NT	-1.40	-0.001654	±2.5	PASS
Band5	4233	4	VL	NT	1.45	0.001713	±2.5	PASS
Band5	4233	4	VN	NT	-0.61	-0.000721	±2.5	PASS
Band5	4233	4	VH	NT	0.15	0.000177	±2.5	PASS
Band5	4233	5	VL	NT	1.75	0.002067	±2.5	PASS
Band5	4233	5	VN	NT	-0.66	-0.000780	±2.5	PASS
Band5	4233	5	VH	NT	1.43	0.001689	±2.5	PASS

Temperature								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	1	NV	-30	3.99	0.002154	±2.5	PASS
Band2	9262	1	NV	-20	0.40	0.000216	±2.5	PASS
Band2	9262	1	NV	-10	-2.42	-0.001306	±2.5	PASS
Band2	9262	1	NV	0	-0.07	-0.000038	±2.5	PASS
Band2	9262	1	NV	10	-2.49	-0.001344	±2.5	PASS

Band2	9262	1	NV	20	3.32	0.001792	±2.5	PASS
Band2	9262	1	NV	30	0.31	0.000167	±2.5	PASS
Band2	9262	1	NV	40	-1.72	-0.000929	±2.5	PASS
Band2	9262	1	NV	50	-5.69	-0.003072	±2.5	PASS
Band2	9262	2	NV	-30	-0.87	-0.000470	±2.5	PASS
Band2	9262	2	NV	-20	-1.56	-0.000842	±2.5	PASS
Band2	9262	2	NV	-10	-3.80	-0.002051	±2.5	PASS
Band2	9262	2	NV	0	2.99	0.001614	±2.5	PASS
Band2	9262	2	NV	10	4.74	0.002559	±2.5	PASS
Band2	9262	2	NV	20	-4.03	-0.002176	±2.5	PASS
Band2	9262	2	NV	30	-3.37	-0.001819	±2.5	PASS
Band2	9262	2	NV	40	1.13	0.000610	±2.5	PASS
Band2	9262	2	NV	50	-2.44	-0.001317	±2.5	PASS
Band2	9262	3	NV	-30	6.41	0.003460	±2.5	PASS
Band2	9262	3	NV	-20	8.04	0.004340	±2.5	PASS
Band2	9262	3	NV	-10	6.31	0.003406	±2.5	PASS
Band2	9262	3	NV	0	-4.31	-0.002327	±2.5	PASS
Band2	9262	3	NV	10	-0.41	-0.000221	±2.5	PASS
Band2	9262	3	NV	20	5.15	0.002780	±2.5	PASS
Band2	9262	3	NV	30	1.71	0.000923	±2.5	PASS
Band2	9262	3	NV	40	2.30	0.001242	±2.5	PASS
Band2	9262	3	NV	50	8.12	0.004384	±2.5	PASS
Band2	9262	4	NV	-30	1.45	0.000783	±2.5	PASS
Band2	9262	4	NV	-20	3.89	0.002100	±2.5	PASS
Band2	9262	4	NV	-10	4.33	0.002338	±2.5	PASS
Band2	9262	4	NV	0	-4.69	-0.002532	±2.5	PASS
Band2	9262	4	NV	10	-0.81	-0.000437	±2.5	PASS
Band2	9262	4	NV	20	-2.24	-0.001209	±2.5	PASS
Band2	9262	4	NV	30	-3.01	-0.001625	±2.5	PASS
Band2	9262	4	NV	40	-2.30	-0.001242	±2.5	PASS
Band2	9262	4	NV	50	-2.30	-0.001242	±2.5	PASS
Band2	9262	5	NV	-30	9.59	0.005177	±2.5	PASS
Band2	9262	5	NV	-20	3.62	0.001954	±2.5	PASS
Band2	9262	5	NV	-10	-5.22	-0.002818	±2.5	PASS
Band2	9262	5	NV	0	-6.83	-0.003687	±2.5	PASS
Band2	9262	5	NV	10	-3.05	-0.001647	±2.5	PASS
Band2	9262	5	NV	20	-3.17	-0.001711	±2.5	PASS

Band2	9262	5	NV	30	2.49	0.001344	±2.5	PASS
Band2	9262	5	NV	40	5.39	0.002910	±2.5	PASS
Band2	9262	5	NV	50	6.39	0.003450	±2.5	PASS
Band2	9400	1	NV	-30	-6.50	-0.003457	±2.5	PASS
Band2	9400	1	NV	-20	5.20	0.002766	±2.5	PASS
Band2	9400	1	NV	-10	4.56	0.002426	±2.5	PASS
Band2	9400	1	NV	0	0.86	0.000457	±2.5	PASS
Band2	9400	1	NV	10	1.08	0.000574	±2.5	PASS
Band2	9400	1	NV	20	-0.26	-0.000138	±2.5	PASS
Band2	9400	1	NV	30	-0.55	-0.000293	±2.5	PASS
Band2	9400	1	NV	40	-1.46	-0.000777	±2.5	PASS
Band2	9400	1	NV	50	-0.16	-0.000085	±2.5	PASS
Band2	9400	2	NV	-30	3.04	0.001617	±2.5	PASS
Band2	9400	2	NV	-20	-0.34	-0.000181	±2.5	PASS
Band2	9400	2	NV	-10	-2.10	-0.001117	±2.5	PASS
Band2	9400	2	NV	0	-0.59	-0.000314	±2.5	PASS
Band2	9400	2	NV	10	3.63	0.001931	±2.5	PASS
Band2	9400	2	NV	20	3.31	0.001761	±2.5	PASS
Band2	9400	2	NV	30	4.02	0.002138	±2.5	PASS
Band2	9400	2	NV	40	8.82	0.004691	±2.5	PASS
Band2	9400	2	NV	50	2.32	0.001234	±2.5	PASS
Band2	9400	3	NV	-30	-4.72	-0.002511	±2.5	PASS
Band2	9400	3	NV	-20	-6.30	-0.003351	±2.5	PASS
Band2	9400	3	NV	-10	-7.07	-0.003761	±2.5	PASS
Band2	9400	3	NV	0	1.98	0.001053	±2.5	PASS
Band2	9400	3	NV	10	6.08	0.003234	±2.5	PASS
Band2	9400	3	NV	20	5.44	0.002894	±2.5	PASS
Band2	9400	3	NV	30	3.95	0.002101	±2.5	PASS
Band2	9400	3	NV	40	4.41	0.002346	±2.5	PASS
Band2	9400	3	NV	50	5.33	0.002835	±2.5	PASS
Band2	9400	4	NV	-30	-0.85	-0.000452	±2.5	PASS
Band2	9400	4	NV	-20	4.85	0.002580	±2.5	PASS
Band2	9400	4	NV	-10	2.83	0.001505	±2.5	PASS
Band2	9400	4	NV	0	6.36	0.003383	±2.5	PASS
Band2	9400	4	NV	10	7.23	0.003846	±2.5	PASS
Band2	9400	4	NV	20	3.82	0.002032	±2.5	PASS
Band2	9400	4	NV	30	-3.28	-0.001745	±2.5	PASS

Band2	9400	4	NV	40	-8.91	-0.004739	±2.5	PASS
Band2	9400	4	NV	50	-4.81	-0.002559	±2.5	PASS
Band2	9400	5	NV	-30	-8.18	-0.004351	±2.5	PASS
Band2	9400	5	NV	-20	-4.08	-0.002170	±2.5	PASS
Band2	9400	5	NV	-10	4.13	0.002197	±2.5	PASS
Band2	9400	5	NV	0	5.04	0.002681	±2.5	PASS
Band2	9400	5	NV	10	6.92	0.003681	±2.5	PASS
Band2	9400	5	NV	20	5.29	0.002814	±2.5	PASS
Band2	9400	5	NV	30	3.91	0.002080	±2.5	PASS
Band2	9400	5	NV	40	-7.12	-0.003787	±2.5	PASS
Band2	9400	5	NV	50	-8.54	-0.004543	±2.5	PASS
Band2	9538	1	NV	-30	-9.79	-0.005132	±2.5	PASS
Band2	9538	1	NV	-20	-6.47	-0.003392	±2.5	PASS
Band2	9538	1	NV	-10	-3.45	-0.001809	±2.5	PASS
Band2	9538	1	NV	0	5.59	0.002930	±2.5	PASS
Band2	9538	1	NV	10	3.82	0.002003	±2.5	PASS
Band2	9538	1	NV	20	7.23	0.003790	±2.5	PASS
Band2	9538	1	NV	30	6.00	0.003145	±2.5	PASS
Band2	9538	1	NV	40	6.19	0.003245	±2.5	PASS
Band2	9538	1	NV	50	4.16	0.002181	±2.5	PASS
Band2	9538	2	NV	-30	2.52	0.001321	±2.5	PASS
Band2	9538	2	NV	-20	5.47	0.002867	±2.5	PASS
Band2	9538	2	NV	-10	4.49	0.002354	±2.5	PASS
Band2	9538	2	NV	0	4.68	0.002453	±2.5	PASS
Band2	9538	2	NV	10	7.27	0.003811	±2.5	PASS
Band2	9538	2	NV	20	-6.47	-0.003392	±2.5	PASS
Band2	9538	2	NV	30	-0.52	-0.000273	±2.5	PASS
Band2	9538	2	NV	40	1.98	0.001038	±2.5	PASS
Band2	9538	2	NV	50	4.78	0.002506	±2.5	PASS
Band2	9538	3	NV	-30	5.61	0.002941	±2.5	PASS
Band2	9538	3	NV	-20	9.73	0.005101	±2.5	PASS
Band2	9538	3	NV	-10	6.05	0.003172	±2.5	PASS
Band2	9538	3	NV	0	6.54	0.003428	±2.5	PASS
Band2	9538	3	NV	10	5.49	0.002878	±2.5	PASS
Band2	9538	3	NV	20	5.57	0.002920	±2.5	PASS
Band2	9538	3	NV	30	5.37	0.002815	±2.5	PASS
Band2	9538	3	NV	40	3.89	0.002039	±2.5	PASS

Band2	9538	3	NV	50	0.48	0.000252	±2.5	PASS
Band2	9538	4	NV	-30	6.51	0.003413	±2.5	PASS
Band2	9538	4	NV	-20	3.48	0.001824	±2.5	PASS
Band2	9538	4	NV	-10	2.55	0.001337	±2.5	PASS
Band2	9538	4	NV	0	-0.12	-0.000063	±2.5	PASS
Band2	9538	4	NV	10	-1.29	-0.000676	±2.5	PASS
Band2	9538	4	NV	20	-5.76	-0.003020	±2.5	PASS
Band2	9538	4	NV	30	-6.01	-0.003151	±2.5	PASS
Band2	9538	4	NV	40	7.30	0.003827	±2.5	PASS
Band2	9538	4	NV	50	10.90	0.005714	±2.5	PASS
Band2	9538	5	NV	-30	-0.80	-0.000419	±2.5	PASS
Band2	9538	5	NV	-20	-2.08	-0.001090	±2.5	PASS
Band2	9538	5	NV	-10	-3.77	-0.001976	±2.5	PASS
Band2	9538	5	NV	0	-0.70	-0.000367	±2.5	PASS
Band2	9538	5	NV	10	-1.27	-0.000666	±2.5	PASS
Band2	9538	5	NV	20	-2.68	-0.001405	±2.5	PASS
Band2	9538	5	NV	30	-3.02	-0.001583	±2.5	PASS
Band2	9538	5	NV	40	-0.41	-0.000215	±2.5	PASS
Band2	9538	5	NV	50	-5.21	-0.002731	±2.5	PASS
Band4	1312	1	NV	-30	2.90	0.001694	±2.5	PASS
Band4	1312	1	NV	-20	1.43	0.000835	±2.5	PASS
Band4	1312	1	NV	-10	4.67	0.002727	±2.5	PASS
Band4	1312	1	NV	0	-0.45	-0.000263	±2.5	PASS
Band4	1312	1	NV	10	5.41	0.003159	±2.5	PASS
Band4	1312	1	NV	20	-1.20	-0.000701	±2.5	PASS
Band4	1312	1	NV	30	0.71	0.000415	±2.5	PASS
Band4	1312	1	NV	40	4.65	0.002715	±2.5	PASS
Band4	1312	1	NV	50	5.13	0.002996	±2.5	PASS
Band4	1312	2	NV	-30	1.31	0.000765	±2.5	PASS
Band4	1312	2	NV	-20	5.78	0.003375	±2.5	PASS
Band4	1312	2	NV	-10	6.19	0.003615	±2.5	PASS
Band4	1312	2	NV	0	-7.80	-0.004555	±2.5	PASS
Band4	1312	2	NV	10	-1.69	-0.000987	±2.5	PASS
Band4	1312	2	NV	20	-2.65	-0.001548	±2.5	PASS
Band4	1312	2	NV	30	1.16	0.000677	±2.5	PASS
Band4	1312	2	NV	40	-0.76	-0.000444	±2.5	PASS
Band4	1312	2	NV	50	0.93	0.000543	±2.5	PASS

Band4	1312	3	NV	-30	3.95	0.002307	±2.5	PASS
Band4	1312	3	NV	-20	9.52	0.005559	±2.5	PASS
Band4	1312	3	NV	-10	-3.79	-0.002213	±2.5	PASS
Band4	1312	3	NV	0	-3.19	-0.001863	±2.5	PASS
Band4	1312	3	NV	10	-2.55	-0.001489	±2.5	PASS
Band4	1312	3	NV	20	-2.26	-0.001320	±2.5	PASS
Band4	1312	3	NV	30	4.61	0.002692	±2.5	PASS
Band4	1312	3	NV	40	-1.39	-0.000812	±2.5	PASS
Band4	1312	3	NV	50	2.43	0.001419	±2.5	PASS
Band4	1312	4	NV	-30	-1.93	-0.001127	±2.5	PASS
Band4	1312	4	NV	-20	-3.46	-0.002021	±2.5	PASS
Band4	1312	4	NV	-10	-1.50	-0.000876	±2.5	PASS
Band4	1312	4	NV	0	-1.02	-0.000596	±2.5	PASS
Band4	1312	4	NV	10	6.10	0.003562	±2.5	PASS
Band4	1312	4	NV	20	4.04	0.002359	±2.5	PASS
Band4	1312	4	NV	30	5.16	0.003013	±2.5	PASS
Band4	1312	4	NV	40	5.08	0.002967	±2.5	PASS
Band4	1312	4	NV	50	1.96	0.001145	±2.5	PASS
Band4	1312	5	NV	-30	-7.56	-0.004415	±2.5	PASS
Band4	1312	5	NV	-20	-8.46	-0.004940	±2.5	PASS
Band4	1312	5	NV	-10	-5.08	-0.002967	±2.5	PASS
Band4	1312	5	NV	0	-5.73	-0.003346	±2.5	PASS
Band4	1312	5	NV	10	-4.40	-0.002569	±2.5	PASS
Band4	1312	5	NV	20	-2.01	-0.001174	±2.5	PASS
Band4	1312	5	NV	30	3.14	0.001834	±2.5	PASS
Band4	1312	5	NV	40	-2.76	-0.001612	±2.5	PASS
Band4	1312	5	NV	50	4.03	0.002353	±2.5	PASS
Band4	1413	1	NV	-30	3.17	0.001830	±2.5	PASS
Band4	1413	1	NV	-20	-1.02	-0.000589	±2.5	PASS
Band4	1413	1	NV	-10	-1.84	-0.001062	±2.5	PASS
Band4	1413	1	NV	0	1.01	0.000583	±2.5	PASS
Band4	1413	1	NV	10	0.96	0.000554	±2.5	PASS
Band4	1413	1	NV	20	0.43	0.000248	±2.5	PASS
Band4	1413	1	NV	30	1.57	0.000906	±2.5	PASS
Band4	1413	1	NV	40	3.31	0.001910	±2.5	PASS
Band4	1413	1	NV	50	9.11	0.005258	±2.5	PASS
Band4	1413	2	NV	-30	-5.81	-0.003353	±2.5	PASS

Band4	1413	2	NV	-20	-6.41	-0.003700	±2.5	PASS
Band4	1413	2	NV	-10	-4.18	-0.002413	±2.5	PASS
Band4	1413	2	NV	0	-2.64	-0.001524	±2.5	PASS
Band4	1413	2	NV	10	-4.90	-0.002828	±2.5	PASS
Band4	1413	2	NV	20	-7.40	-0.004271	±2.5	PASS
Band4	1413	2	NV	30	-2.63	-0.001518	±2.5	PASS
Band4	1413	2	NV	40	-0.39	-0.000225	±2.5	PASS
Band4	1413	2	NV	50	-5.89	-0.003400	±2.5	PASS
Band4	1413	3	NV	-30	3.22	0.001858	±2.5	PASS
Band4	1413	3	NV	-20	1.00	0.000577	±2.5	PASS
Band4	1413	3	NV	-10	3.95	0.002280	±2.5	PASS
Band4	1413	3	NV	0	5.28	0.003047	±2.5	PASS
Band4	1413	3	NV	10	4.85	0.002799	±2.5	PASS
Band4	1413	3	NV	20	6.26	0.003613	±2.5	PASS
Band4	1413	3	NV	30	3.14	0.001812	±2.5	PASS
Band4	1413	3	NV	40	5.77	0.003330	±2.5	PASS
Band4	1413	3	NV	50	6.76	0.003902	±2.5	PASS
Band4	1413	4	NV	-30	0.96	0.000554	±2.5	PASS
Band4	1413	4	NV	-20	4.07	0.002349	±2.5	PASS
Band4	1413	4	NV	-10	6.39	0.003688	±2.5	PASS
Band4	1413	4	NV	0	5.00	0.002886	±2.5	PASS
Band4	1413	4	NV	10	6.19	0.003573	±2.5	PASS
Band4	1413	4	NV	20	6.11	0.003526	±2.5	PASS
Band4	1413	4	NV	30	6.38	0.003682	±2.5	PASS
Band4	1413	4	NV	40	1.96	0.001131	±2.5	PASS
Band4	1413	4	NV	50	-4.83	-0.002788	±2.5	PASS
Band4	1413	5	NV	-30	0.20	0.000115	±2.5	PASS
Band4	1413	5	NV	-20	-3.05	-0.001760	±2.5	PASS
Band4	1413	5	NV	-10	-1.32	-0.000762	±2.5	PASS
Band4	1413	5	NV	0	-1.34	-0.000773	±2.5	PASS
Band4	1413	5	NV	10	-4.38	-0.002528	±2.5	PASS
Band4	1413	5	NV	20	-4.34	-0.002505	±2.5	PASS
Band4	1413	5	NV	30	0.35	0.000202	±2.5	PASS
Band4	1413	5	NV	40	-3.14	-0.001812	±2.5	PASS
Band4	1413	5	NV	50	-2.83	-0.001633	±2.5	PASS
Band4	1513	1	NV	-30	5.38	0.003070	±2.5	PASS
Band4	1513	1	NV	-20	1.37	0.000782	±2.5	PASS

Band4	1513	1	NV	-10	-1.18	-0.000673	±2.5	PASS
Band4	1513	1	NV	0	2.00	0.001141	±2.5	PASS
Band4	1513	1	NV	10	6.61	0.003772	±2.5	PASS
Band4	1513	1	NV	20	4.50	0.002568	±2.5	PASS
Band4	1513	1	NV	30	-1.69	-0.000964	±2.5	PASS
Band4	1513	1	NV	40	2.53	0.001444	±2.5	PASS
Band4	1513	1	NV	50	1.47	0.000839	±2.5	PASS
Band4	1513	2	NV	-30	5.21	0.002973	±2.5	PASS
Band4	1513	2	NV	-20	1.61	0.000919	±2.5	PASS
Band4	1513	2	NV	-10	-0.30	-0.000171	±2.5	PASS
Band4	1513	2	NV	0	2.83	0.001615	±2.5	PASS
Band4	1513	2	NV	10	-0.38	-0.000217	±2.5	PASS
Band4	1513	2	NV	20	-0.16	-0.000091	±2.5	PASS
Band4	1513	2	NV	30	5.16	0.002944	±2.5	PASS
Band4	1513	2	NV	40	1.04	0.000593	±2.5	PASS
Band4	1513	2	NV	50	3.70	0.002111	±2.5	PASS
Band4	1513	3	NV	-30	7.54	0.004302	±2.5	PASS
Band4	1513	3	NV	-20	8.38	0.004781	±2.5	PASS
Band4	1513	3	NV	-10	2.86	0.001632	±2.5	PASS
Band4	1513	3	NV	0	3.96	0.002260	±2.5	PASS
Band4	1513	3	NV	10	5.56	0.003172	±2.5	PASS
Band4	1513	3	NV	20	6.99	0.003988	±2.5	PASS
Band4	1513	3	NV	30	4.17	0.002379	±2.5	PASS
Band4	1513	3	NV	40	6.35	0.003623	±2.5	PASS
Band4	1513	3	NV	50	3.13	0.001786	±2.5	PASS
Band4	1513	4	NV	-30	2.38	0.001358	±2.5	PASS
Band4	1513	4	NV	-20	0.55	0.000314	±2.5	PASS
Band4	1513	4	NV	-10	0.67	0.000382	±2.5	PASS
Band4	1513	4	NV	0	0.59	0.000337	±2.5	PASS
Band4	1513	4	NV	10	0.12	0.000068	±2.5	PASS
Band4	1513	4	NV	20	-1.24	-0.000708	±2.5	PASS
Band4	1513	4	NV	30	0.57	0.000325	±2.5	PASS
Band4	1513	4	NV	40	1.23	0.000702	±2.5	PASS
Band4	1513	4	NV	50	0.24	0.000137	±2.5	PASS
Band4	1513	5	NV	-30	3.43	0.001957	±2.5	PASS
Band4	1513	5	NV	-20	-0.27	-0.000154	±2.5	PASS
Band4	1513	5	NV	-10	-1.72	-0.000981	±2.5	PASS



Band4	1513	5	NV	0	-2.69	-0.001535	±2.5	PASS
Band4	1513	5	NV	10	4.04	0.002305	±2.5	PASS
Band4	1513	5	NV	20	2.54	0.001449	±2.5	PASS
Band4	1513	5	NV	30	-2.70	-0.001541	±2.5	PASS
Band4	1513	5	NV	40	-4.94	-0.002819	±2.5	PASS
Band4	1513	5	NV	50	5.15	0.002938	±2.5	PASS
Band5	4132	1	NV	-30	1.81	0.002190	±2.5	PASS
Band5	4132	1	NV	-20	0.39	0.000472	±2.5	PASS
Band5	4132	1	NV	-10	-0.73	-0.000883	±2.5	PASS
Band5	4132	1	NV	0	-0.71	-0.000859	±2.5	PASS
Band5	4132	1	NV	10	-0.40	-0.000484	±2.5	PASS
Band5	4132	1	NV	20	-1.01	-0.001222	±2.5	PASS
Band5	4132	1	NV	30	1.57	0.001900	±2.5	PASS
Band5	4132	1	NV	40	0.47	0.000569	±2.5	PASS
Band5	4132	1	NV	50	-1.82	-0.002202	±2.5	PASS
Band5	4132	2	NV	-30	0.36	0.000436	±2.5	PASS
Band5	4132	2	NV	-20	2.74	0.003316	±2.5	PASS
Band5	4132	2	NV	-10	0.15	0.000182	±2.5	PASS
Band5	4132	2	NV	0	-2.02	-0.002444	±2.5	PASS
Band5	4132	2	NV	10	-0.08	-0.000097	±2.5	PASS
Band5	4132	2	NV	20	-2.25	-0.002723	±2.5	PASS
Band5	4132	2	NV	30	0.49	0.000593	±2.5	PASS
Band5	4132	2	NV	40	-0.30	-0.000363	±2.5	PASS
Band5	4132	2	NV	50	-1.32	-0.001597	±2.5	PASS
Band5	4132	3	NV	-30	3.42	0.004138	±2.5	PASS
Band5	4132	3	NV	-20	1.14	0.001379	±2.5	PASS
Band5	4132	3	NV	-10	-0.01	-0.000012	±2.5	PASS
Band5	4132	3	NV	0	-1.21	-0.001464	±2.5	PASS
Band5	4132	3	NV	10	2.61	0.003158	±2.5	PASS
Band5	4132	3	NV	20	0.06	0.000073	±2.5	PASS
Band5	4132	3	NV	30	-1.83	-0.002214	±2.5	PASS
Band5	4132	3	NV	40	0.44	0.000532	±2.5	PASS
Band5	4132	3	NV	50	-1.23	-0.001488	±2.5	PASS
Band5	4132	4	NV	-30	-3.17	-0.003836	±2.5	PASS
Band5	4132	4	NV	-20	-0.24	-0.000290	±2.5	PASS
Band5	4132	4	NV	-10	2.23	0.002698	±2.5	PASS
Band5	4132	4	NV	0	-2.90	-0.003509	±2.5	PASS

Band5	4132	4	NV	10	-0.26	-0.000315	±2.5	PASS
Band5	4132	4	NV	20	-3.38	-0.004090	±2.5	PASS
Band5	4132	4	NV	30	-3.51	-0.004247	±2.5	PASS
Band5	4132	4	NV	40	-2.87	-0.003473	±2.5	PASS
Band5	4132	4	NV	50	-2.86	-0.003461	±2.5	PASS
Band5	4132	5	NV	-30	0.26	0.000315	±2.5	PASS
Band5	4132	5	NV	-20	0.02	0.000024	±2.5	PASS
Band5	4132	5	NV	-10	-1.22	-0.001476	±2.5	PASS
Band5	4132	5	NV	0	-1.14	-0.001379	±2.5	PASS
Band5	4132	5	NV	10	1.47	0.001779	±2.5	PASS
Band5	4132	5	NV	20	1.30	0.001573	±2.5	PASS
Band5	4132	5	NV	30	0.77	0.000932	±2.5	PASS
Band5	4132	5	NV	40	-0.51	-0.000617	±2.5	PASS
Band5	4132	5	NV	50	-1.67	-0.002021	±2.5	PASS
Band5	4183	1	NV	-30	-1.35	-0.001614	±2.5	PASS
Band5	4183	1	NV	-20	0.17	0.000203	±2.5	PASS
Band5	4183	1	NV	-10	-0.91	-0.001088	±2.5	PASS
Band5	4183	1	NV	0	-2.02	-0.002415	±2.5	PASS
Band5	4183	1	NV	10	-0.98	-0.001171	±2.5	PASS
Band5	4183	1	NV	20	-0.31	-0.000371	±2.5	PASS
Band5	4183	1	NV	30	1.64	0.001960	±2.5	PASS
Band5	4183	1	NV	40	2.35	0.002809	±2.5	PASS
Band5	4183	1	NV	50	3.11	0.003717	±2.5	PASS
Band5	4183	2	NV	-30	1.69	0.002020	±2.5	PASS
Band5	4183	2	NV	-20	4.13	0.004937	±2.5	PASS
Band5	4183	2	NV	-10	2.28	0.002725	±2.5	PASS
Band5	4183	2	NV	0	-1.10	-0.001315	±2.5	PASS
Band5	4183	2	NV	10	-1.95	-0.002331	±2.5	PASS
Band5	4183	2	NV	20	-2.43	-0.002905	±2.5	PASS
Band5	4183	2	NV	30	-0.22	-0.000263	±2.5	PASS
Band5	4183	2	NV	40	-0.24	-0.000287	±2.5	PASS
Band5	4183	2	NV	50	-1.22	-0.001458	±2.5	PASS
Band5	4183	3	NV	-30	-2.27	-0.002713	±2.5	PASS
Band5	4183	3	NV	-20	-1.40	-0.001673	±2.5	PASS
Band5	4183	3	NV	-10	0.38	0.000454	±2.5	PASS
Band5	4183	3	NV	0	-1.07	-0.001279	±2.5	PASS
Band5	4183	3	NV	10	1.04	0.001243	±2.5	PASS

Band5	4183	3	NV	20	1.00	0.001195	±2.5	PASS
Band5	4183	3	NV	30	-0.85	-0.001016	±2.5	PASS
Band5	4183	3	NV	40	2.71	0.003239	±2.5	PASS
Band5	4183	3	NV	50	-1.56	-0.001865	±2.5	PASS
Band5	4183	4	NV	-30	-3.82	-0.004566	±2.5	PASS
Band5	4183	4	NV	-20	0.04	0.000048	±2.5	PASS
Band5	4183	4	NV	-10	-1.44	-0.001721	±2.5	PASS
Band5	4183	4	NV	0	0.72	0.000861	±2.5	PASS
Band5	4183	4	NV	10	0.46	0.000550	±2.5	PASS
Band5	4183	4	NV	20	-1.73	-0.002068	±2.5	PASS
Band5	4183	4	NV	30	0.78	0.000932	±2.5	PASS
Band5	4183	4	NV	40	-1.80	-0.002152	±2.5	PASS
Band5	4183	4	NV	50	-1.16	-0.001387	±2.5	PASS
Band5	4183	5	NV	-30	0.60	0.000717	±2.5	PASS
Band5	4183	5	NV	-20	1.31	0.001566	±2.5	PASS
Band5	4183	5	NV	-10	1.22	0.001458	±2.5	PASS
Band5	4183	5	NV	0	2.90	0.003466	±2.5	PASS
Band5	4183	5	NV	10	3.50	0.004184	±2.5	PASS
Band5	4183	5	NV	20	-1.00	-0.001195	±2.5	PASS
Band5	4183	5	NV	30	1.36	0.001626	±2.5	PASS
Band5	4183	5	NV	40	-1.99	-0.002379	±2.5	PASS
Band5	4183	5	NV	50	2.39	0.002857	±2.5	PASS
Band5	4233	1	NV	-30	-1.97	-0.002327	±2.5	PASS
Band5	4233	1	NV	-20	0.85	0.001004	±2.5	PASS
Band5	4233	1	NV	-10	1.42	0.001677	±2.5	PASS
Band5	4233	1	NV	0	0.19	0.000224	±2.5	PASS
Band5	4233	1	NV	10	-1.06	-0.001252	±2.5	PASS
Band5	4233	1	NV	20	-1.16	-0.001370	±2.5	PASS
Band5	4233	1	NV	30	1.06	0.001252	±2.5	PASS
Band5	4233	1	NV	40	1.60	0.001890	±2.5	PASS
Band5	4233	1	NV	50	0.83	0.000980	±2.5	PASS
Band5	4233	2	NV	-30	-0.83	-0.000980	±2.5	PASS
Band5	4233	2	NV	-20	1.06	0.001252	±2.5	PASS
Band5	4233	2	NV	-10	-1.21	-0.001429	±2.5	PASS
Band5	4233	2	NV	0	-2.91	-0.003437	±2.5	PASS
Band5	4233	2	NV	10	-3.47	-0.004099	±2.5	PASS
Band5	4233	2	NV	20	0.21	0.000248	±2.5	PASS

Band5	4233	2	NV	30	1.35	0.001595	±2.5	PASS
Band5	4233	2	NV	40	-1.33	-0.001571	±2.5	PASS
Band5	4233	2	NV	50	1.83	0.002162	±2.5	PASS
Band5	4233	3	NV	-30	2.36	0.002788	±2.5	PASS
Band5	4233	3	NV	-20	-0.59	-0.000697	±2.5	PASS
Band5	4233	3	NV	-10	-0.54	-0.000638	±2.5	PASS
Band5	4233	3	NV	0	2.82	0.003331	±2.5	PASS
Band5	4233	3	NV	10	0.21	0.000248	±2.5	PASS
Band5	4233	3	NV	20	-1.81	-0.002138	±2.5	PASS
Band5	4233	3	NV	30	1.32	0.001559	±2.5	PASS
Band5	4233	3	NV	40	0.58	0.000685	±2.5	PASS
Band5	4233	3	NV	50	-0.85	-0.001004	±2.5	PASS
Band5	4233	4	NV	-30	-0.80	-0.000945	±2.5	PASS
Band5	4233	4	NV	-20	-2.59	-0.003059	±2.5	PASS
Band5	4233	4	NV	-10	0.12	0.000142	±2.5	PASS
Band5	4233	4	NV	0	0.68	0.000803	±2.5	PASS
Band5	4233	4	NV	10	1.30	0.001536	±2.5	PASS
Band5	4233	4	NV	20	-0.85	-0.001004	±2.5	PASS
Band5	4233	4	NV	30	0.53	0.000626	±2.5	PASS
Band5	4233	4	NV	40	0.90	0.001063	±2.5	PASS
Band5	4233	4	NV	50	0.59	0.000697	±2.5	PASS
Band5	4233	5	NV	-30	0.44	0.000520	±2.5	PASS
Band5	4233	5	NV	-20	0.63	0.000744	±2.5	PASS
Band5	4233	5	NV	-10	-0.52	-0.000614	±2.5	PASS
Band5	4233	5	NV	0	1.73	0.002043	±2.5	PASS
Band5	4233	5	NV	10	0.95	0.001122	±2.5	PASS
Band5	4233	5	NV	20	-2.20	-0.002599	±2.5	PASS
Band5	4233	5	NV	30	-2.92	-0.003449	±2.5	PASS
Band5	4233	5	NV	40	-2.21	-0.002610	±2.5	PASS
Band5	4233	5	NV	50	-1.70	-0.002008	±2.5	PASS