

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Channel	EIRP(dBm)	ERP(dBm)	Limit(dBm)	Verdict
Band2	9262	21.74	19.59	33	PASS
Band2	9400	21.95	19.8	33	PASS
Band2	9538	22.02	19.87	33	PASS
Band4	1312	21.79	19.64	30	PASS
Band4	1413	21.65	19.5	30	PASS
Band4	1513	21.47	19.32	30	PASS
Band5	4132	19.19	17.04	38.5	PASS
Band5	4182	19.13	16.98	38.5	PASS
Band5	4233	19.10	16.95	38.5	PASS

Band	Channel	SubTest	EIRP(dBm)	ERP(dBm)	Limit(dBm)	Verdict
Band2	9262	1	19.93	17.78	33	PASS
Band2	9262	2	19.55	17.4	33	PASS
Band2	9262	3	19.60	17.45	33	PASS
Band2	9262	4	19.58	17.43	33	PASS
Band2	9400	1	20.59	18.44	33	PASS
Band2	9400	2	20.01	17.86	33	PASS
Band2	9400	3	20.06	17.91	33	PASS
Band2	9400	4	20.09	17.94	33	PASS
Band2	9538	1	20.72	18.57	33	PASS
Band2	9538	2	20.27	18.12	33	PASS
Band2	9538	3	20.19	18.04	33	PASS
Band2	9538	4	20.21	18.06	33	PASS
Band4	1312	1	21.63	19.48	30	PASS
Band4	1312	2	21.12	18.97	30	PASS
Band4	1312	3	21.00	18.85	30	PASS
Band4	1312	4	21.07	18.92	30	PASS
Band4	1413	1	21.78	19.63	30	PASS
Band4	1413	2	21.27	19.12	30	PASS
Band4	1413	3	21.07	18.92	30	PASS
Band4	1413	4	21.10	18.95	30	PASS
Band4	1513	1	21.27	19.12	30	PASS
Band4	1513	2	20.79	18.64	30	PASS
Band4	1513	3	20.60	18.45	30	PASS
Band4	1513	4	20.68	18.53	30	PASS
Band5	4132	1	19.45	17.3	38.5	PASS
Band5	4132	2	18.94	16.79	38.5	PASS
Band5	4132	3	17.11	14.96	38.5	PASS

Band5	4132	4	17.12	14.97	38.5	PASS
Band5	4182	1	18.96	16.81	38.5	PASS
Band5	4182	2	18.64	16.49	38.5	PASS
Band5	4182	3	17.00	14.85	38.5	PASS
Band5	4182	4	17.04	14.89	38.5	PASS
Band5	4233	1	19.20	17.05	38.5	PASS
Band5	4233	2	18.71	16.56	38.5	PASS
Band5	4233	3	17.17	15.02	38.5	PASS
Band5	4233	4	17.18	15.03	38.5	PASS

Band	Channel	SubTest	EIRP(dBm)	ERP(dBm)	Limit(dBm)	Verdict
Band2	9262	1	20.62	18.47	33	PASS
Band2	9262	2	18.30	16.15	33	PASS
Band2	9262	3	18.85	16.7	33	PASS
Band2	9262	4	18.69	16.54	33	PASS
Band2	9262	5	20.59	18.44	33	PASS
Band2	9400	1	21.04	18.89	33	PASS
Band2	9400	2	18.86	16.71	33	PASS
Band2	9400	3	18.66	16.51	33	PASS
Band2	9400	4	19.20	17.05	33	PASS
Band2	9400	5	21.11	18.96	33	PASS
Band2	9538	1	20.50	18.35	33	PASS
Band2	9538	2	19.17	17.02	33	PASS
Band2	9538	3	19.11	16.96	33	PASS
Band2	9538	4	19.51	17.36	33	PASS
Band2	9538	5	21.35	19.2	33	PASS
Band4	1312	1	18.78	16.63	30	PASS
Band4	1312	2	18.99	16.84	30	PASS
Band4	1312	3	19.67	17.52	30	PASS
Band4	1312	4	19.67	17.52	30	PASS
Band4	1312	5	21.54	19.39	30	PASS
Band4	1413	1	18.82	16.67	30	PASS
Band4	1413	2	19.27	17.12	30	PASS

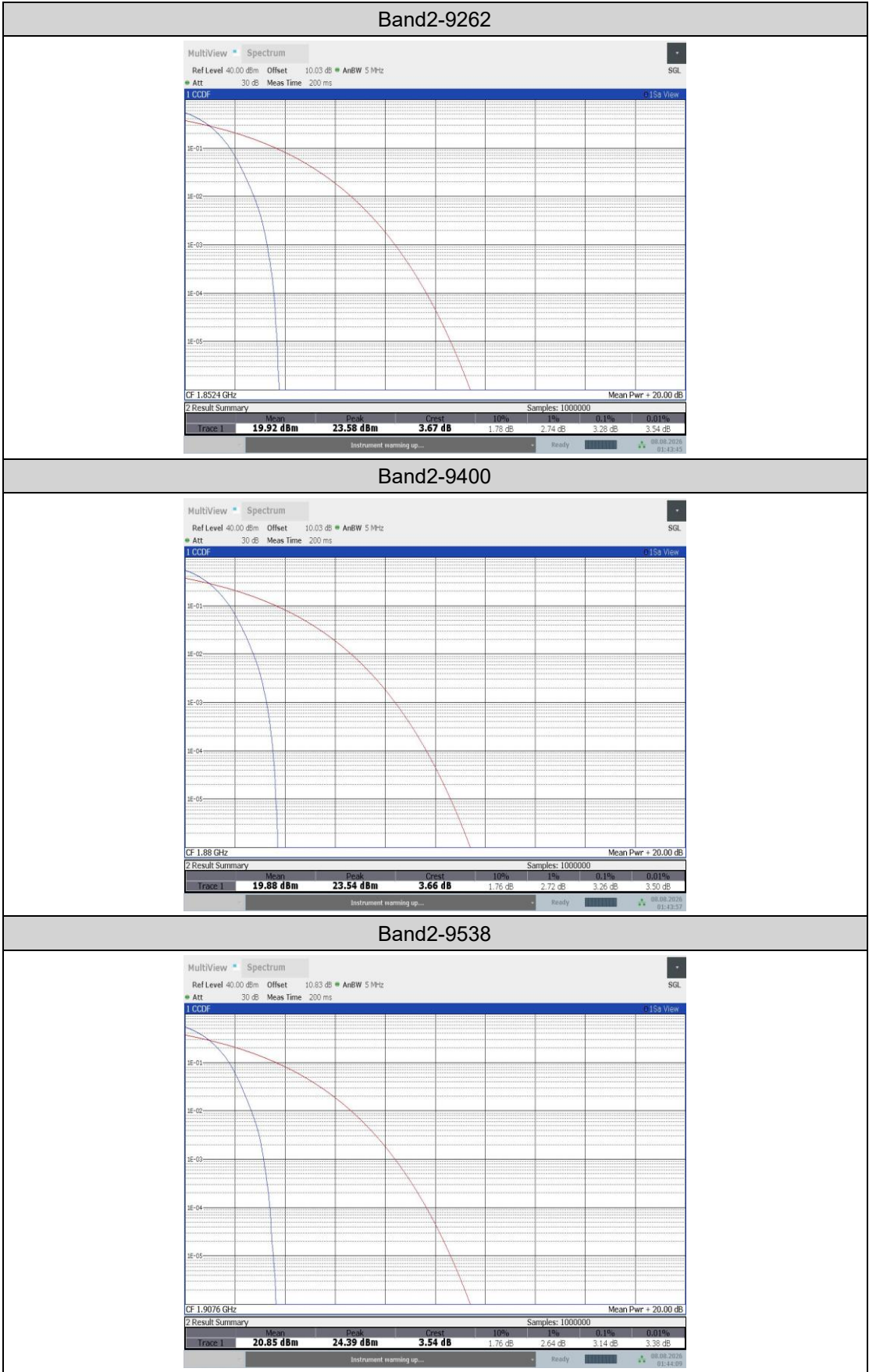
Band4	1413	3	19.74	17.59	30	PASS
Band4	1413	4	19.64	17.49	30	PASS
Band4	1413	5	21.68	19.53	30	PASS
Band4	1513	1	18.49	16.34	30	PASS
Band4	1513	2	19.26	17.11	30	PASS
Band4	1513	3	18.43	16.28	30	PASS
Band4	1513	4	19.11	16.96	30	PASS
Band4	1513	5	21.20	19.05	30	PASS
Band5	4132	1	15.96	13.81	38.5	PASS
Band5	4132	2	16.16	14.01	38.5	PASS
Band5	4132	3	16.82	14.67	38.5	PASS
Band5	4132	4	16.24	14.09	38.5	PASS
Band5	4132	5	18.51	16.36	38.5	PASS
Band5	4182	1	16.02	13.87	38.5	PASS
Band5	4182	2	16.45	14.3	38.5	PASS
Band5	4182	3	16.15	14	38.5	PASS
Band5	4182	4	16.26	14.11	38.5	PASS
Band5	4182	5	17.38	15.23	38.5	PASS
Band5	4233	1	16.61	14.46	38.5	PASS
Band5	4233	2	16.78	14.63	38.5	PASS
Band5	4233	3	16.47	14.32	38.5	PASS
Band5	4233	4	16.57	14.42	38.5	PASS
Band5	4233	5	18.57	16.42	38.5	PASS

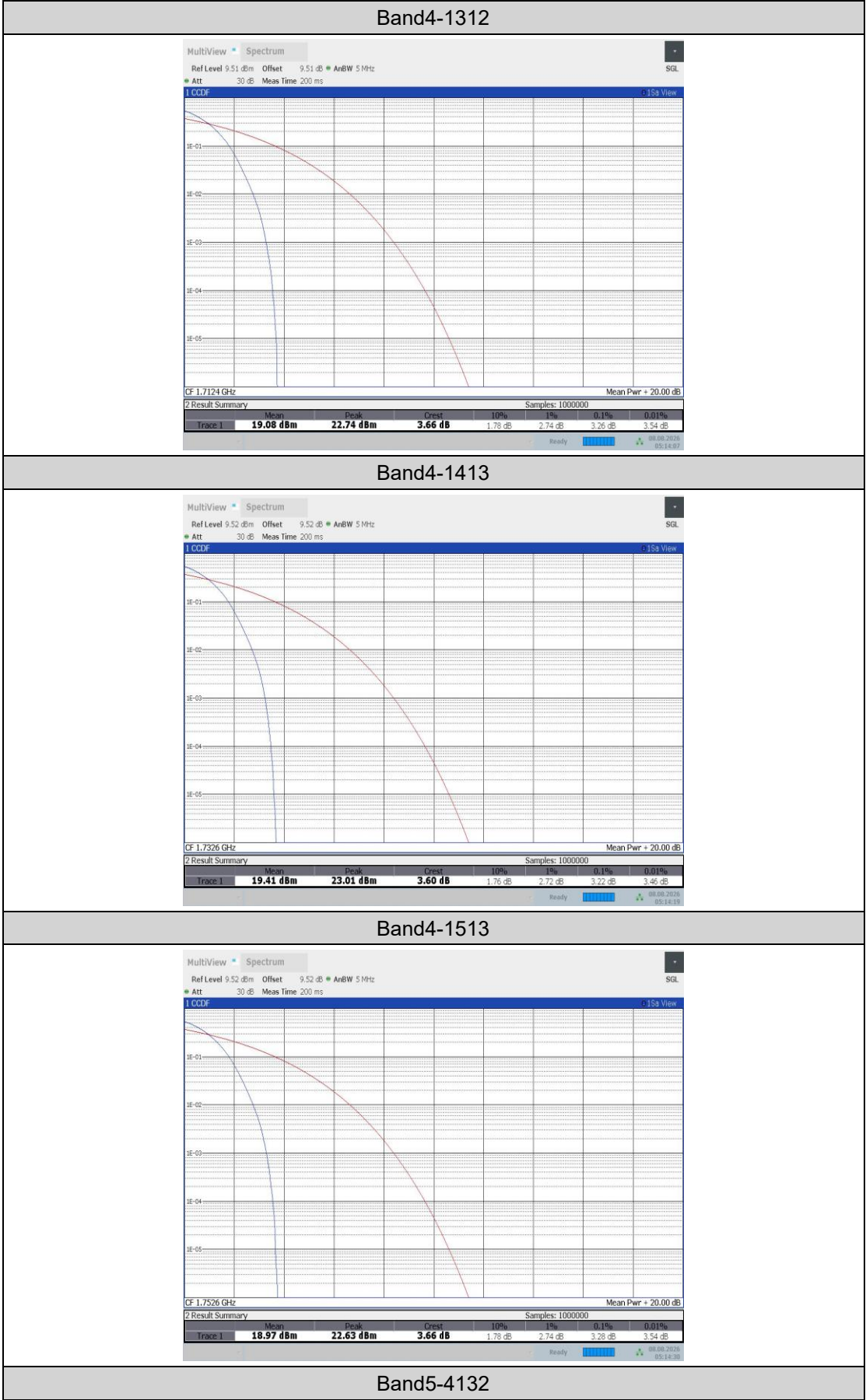
Appendix B: Peak-to-Average Ratio

Test Result

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dBm)	Verdict
Band2	9262	3.28	13	PASS
Band2	9400	3.26	13	PASS
Band2	9538	3.14	13	PASS
Band4	1312	3.26	13	PASS
Band4	1413	3.22	13	PASS
Band4	1513	3.28	13	PASS
Band5	4132	3.24	13	PASS
Band5	4182	3.24	13	PASS
Band5	4233	3.26	13	PASS

Test Graphs







Band5-4182



Band5-4233



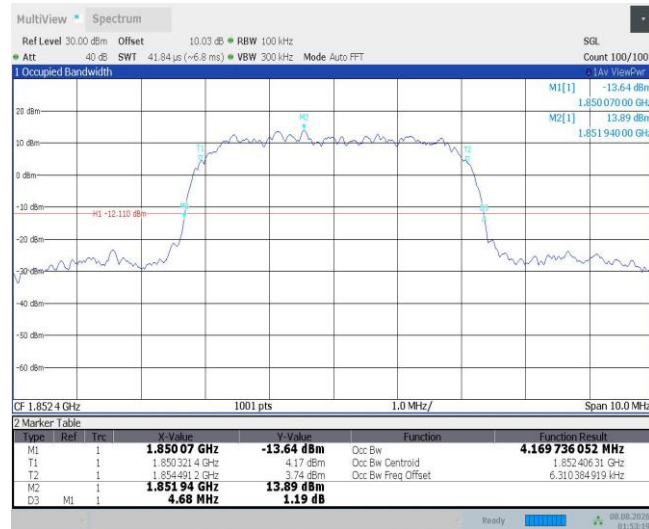
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

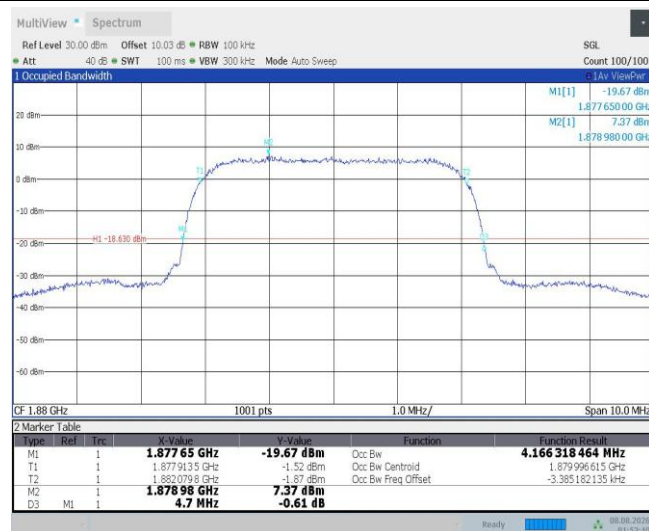
Band	Channel	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
Band2	9262	4.17	4.68	---	PASS
Band2	9400	4.166	4.70	---	PASS
Band2	9538	4.17	4.72	---	PASS
Band4	1312	4.166	4.65	---	PASS
Band4	1413	4.164	4.70	---	PASS
Band4	1513	4.163	4.68	---	PASS
Band5	4132	4.129	4.68	---	PASS
Band5	4182	4.156	4.69	---	PASS
Band5	4233	4.162	4.69	---	PASS

Test Graphs

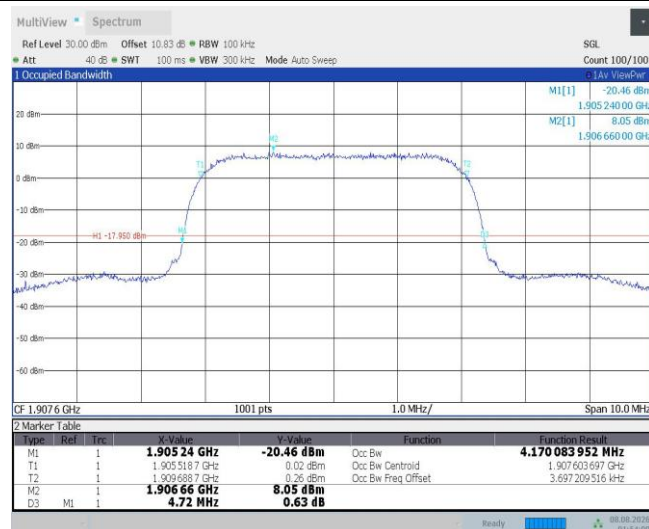
Band2-9262-4.68



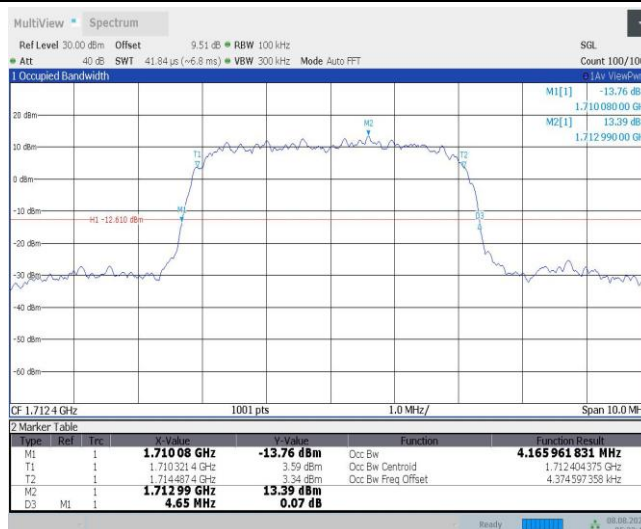
Band2-9400-4.70



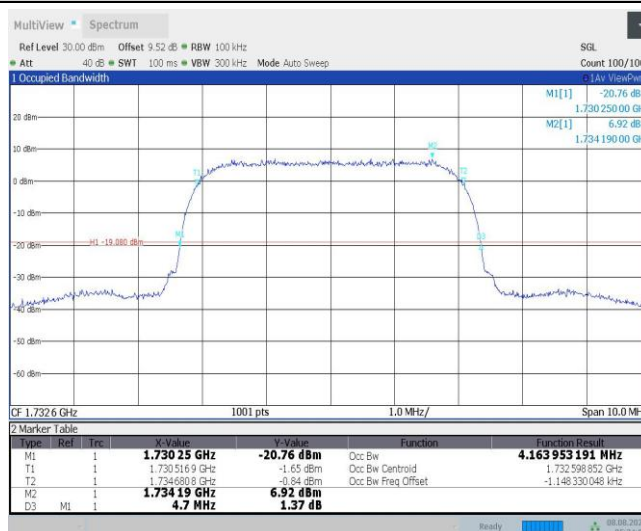
Band2-9538-4.72



Band4-1312-4.65



Band4-1413-4.70



Band4-1513-4.68



Band5-4132-4.68



Band5-4182-4.69



Band5-4233-4.69



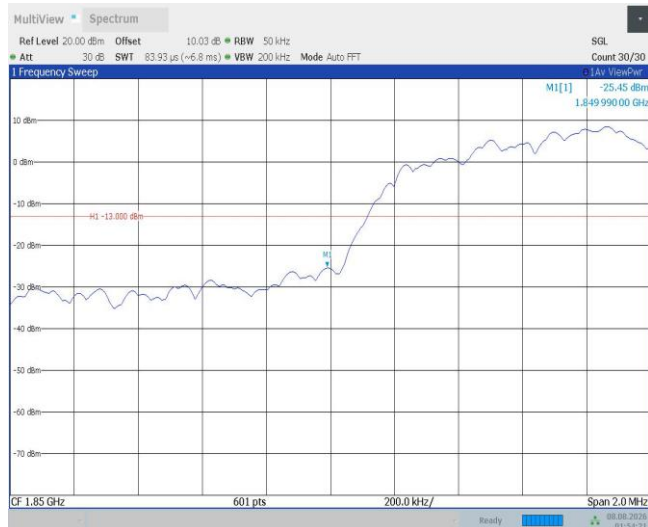
Appendix D: Band Edge

Test Result

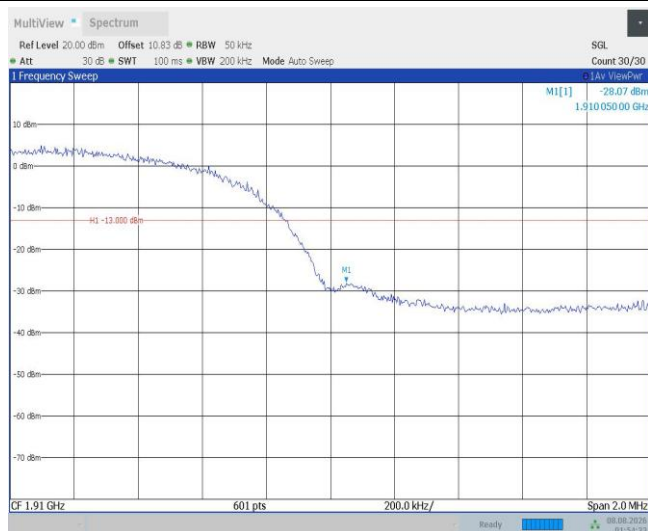
Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band2	9262	1849.99	-25.45	-13	PASS
Band2	9538	1910.05	-28.07	-13	PASS
Band4	1312	1709.95	-26.23	-13	PASS
Band4	1513	1755.05	-30.16	-13	PASS
Band5	4132	823.93	-25.82	-13	PASS
Band5	4233	849.06	-30.49	-13	PASS

Test Graphs

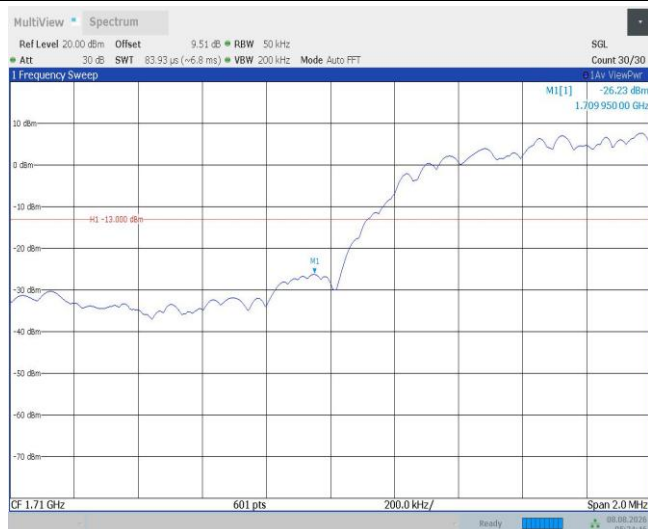
Band2-9262



Band2-9538



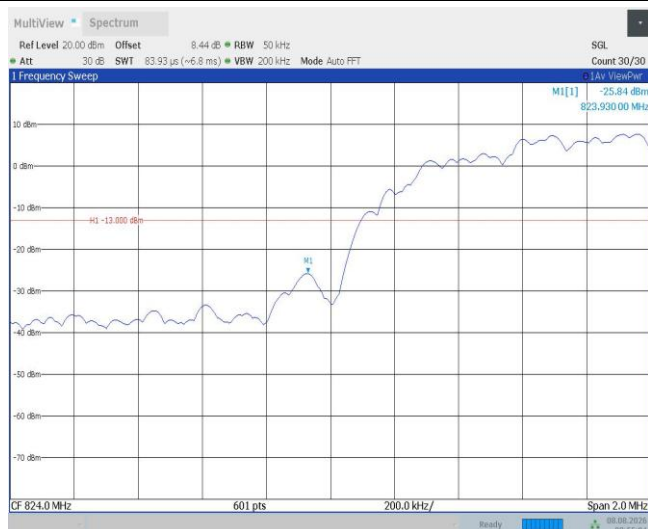
Band4-1312



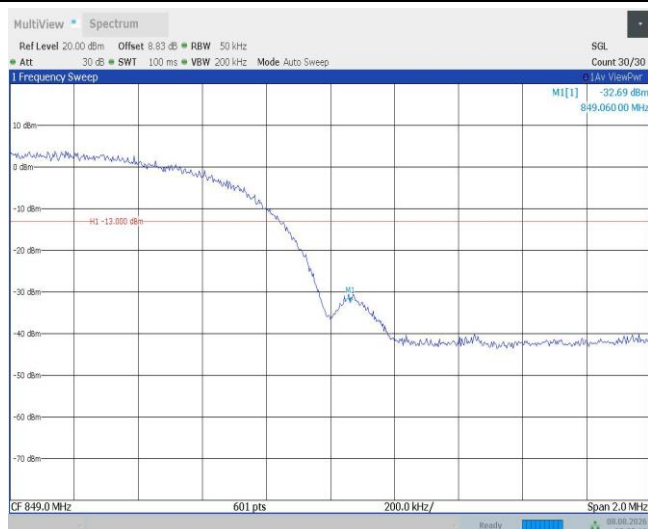
Band4-1513



Band5-4132



Band5-4233



Appendix E: Conducted Spurious Emission

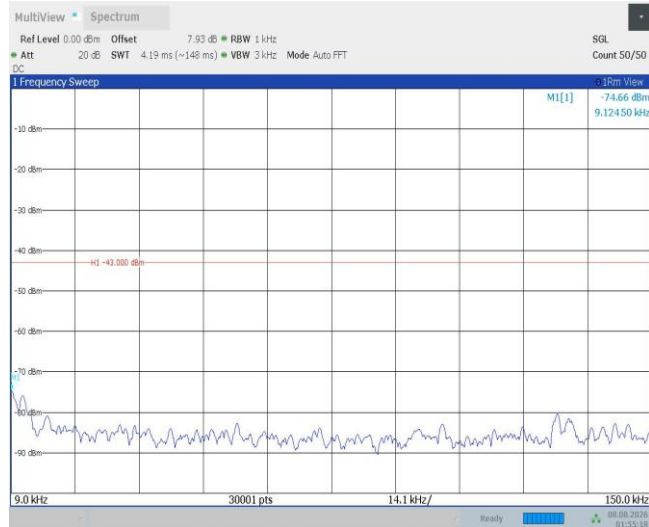
Test Result

Band	Channel	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band2	9262	0.009~0.15MHz	0.01	-74.66	-43	PASS
Band2	9262	0.15~30MHz	18.31	-56.63	-23	PASS
Band2	9262	30~1000MHz	584.97	-39.58	-13	PASS
Band2	9262	1000~3000MHz	2981.6	-46.06	-13	PASS
Band2	9262	3000~10000MHz	3706.63	-54.74	-13	PASS
Band2	9262	10000~20000MHz	12190.76	-53.87	-13	PASS
Band2	9400	0.009~0.15MHz	0.01	-71.78	-43	PASS
Band2	9400	0.15~30MHz	9.01	-56.87	-23	PASS
Band2	9400	30~1000MHz	726.65	-39.42	-13	PASS
Band2	9400	1000~3000MHz	2996	-45.96	-13	PASS
Band2	9400	3000~10000MHz	3758.66	-54.4	-13	PASS
Band2	9400	10000~20000MHz	16519.95	-53.83	-13	PASS
Band2	9538	0.009~0.15MHz	0.01	-74.99	-43	PASS
Band2	9538	0.15~30MHz	6.8	-55.8	-23	PASS
Band2	9538	30~1000MHz	599.03	-38.97	-13	PASS
Band2	9538	1000~3000MHz	2996.27	-46.15	-13	PASS
Band2	9538	3000~10000MHz	3813.72	-52.85	-13	PASS
Band2	9538	10000~20000MHz	19906.17	-53.87	-13	PASS
Band4	1312	0.009~0.15MHz	0.01	-74.22	-43	PASS
Band4	1312	0.15~30MHz	26.18	-56.49	-23	PASS
Band4	1312	30~1000MHz	565.6	-38.53	-13	PASS
Band4	1312	1000~3000MHz	2828.67	-46.18	-13	PASS
Band4	1312	3000~10000MHz	9395.1	-57.89	-13	PASS
Band4	1312	10000~20000MHz	12181.76	-53.91	-13	PASS
Band4	1413	0.009~0.15MHz	0.01	-72.5	-43	PASS
Band4	1413	0.15~30MHz	13.08	-57.34	-23	PASS
Band4	1413	30~1000MHz	898.78	-39.68	-13	PASS
Band4	1413	1000~3000MHz	2828.73	-46.15	-13	PASS
Band4	1413	3000~10000MHz	9843.79	-58	-13	PASS
Band4	1413	10000~20000MHz	16598.95	-53.91	-13	PASS
Band4	1513	0.009~0.15MHz	0.01	-72.96	-43	PASS
Band4	1513	0.15~30MHz	0.89	-56.98	-23	PASS
Band4	1513	30~1000MHz	595.6	-39.34	-13	PASS
Band4	1513	1000~3000MHz	2987.33	-45.97	-13	PASS
Band4	1513	3000~10000MHz	9832.36	-57.79	-13	PASS
Band4	1513	10000~20000MHz	19858.84	-53.97	-13	PASS
Band5	4132	0.009~0.15MHz	0.01	-73.56	-33	PASS

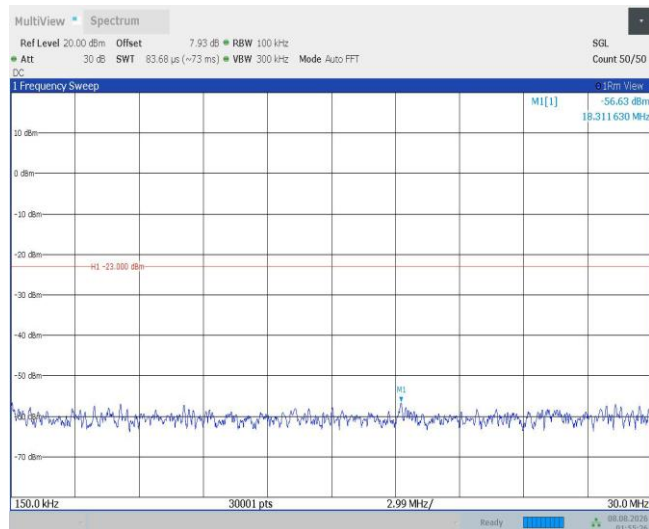
Band5	4132	0.15~30MHz	3.76	-55.82	-13	PASS
Band5	4132	30~1000MHz	552.93	-39.55	-13	PASS
Band5	4132	1000~3000MHz	2991.5	-47.2	-13	PASS
Band5	4132	3000~10000MHz	9695.16	-57.88	-13	PASS
Band5	4132	10000~18000MHz	16472.98	-56.47	-13	PASS
Band5	4182	0.009~0.15MHz	0.01	-73.73	-33	PASS
Band5	4182	0.15~30MHz	27.64	-56.96	-13	PASS
Band5	4182	30~1000MHz	556.84	-39.76	-13	PASS
Band5	4182	1000~3000MHz	2861.64	-47.17	-13	PASS
Band5	4182	3000~10000MHz	9500.1	-57.64	-13	PASS
Band5	4182	10000~18000MHz	12194.99	-56.5	-13	PASS
Band5	4233	0.009~0.15MHz	0.01	-74.61	-33	PASS
Band5	4233	0.15~30MHz	4.2	-56.57	-13	PASS
Band5	4233	30~1000MHz	610.45	-39.55	-13	PASS
Band5	4233	1000~3000MHz	2856.31	-47.06	-13	PASS
Band5	4233	3000~10000MHz	9816.96	-57.84	-13	PASS
Band5	4233	10000~18000MHz	11691.28	-56.49	-13	PASS

Test Graphs

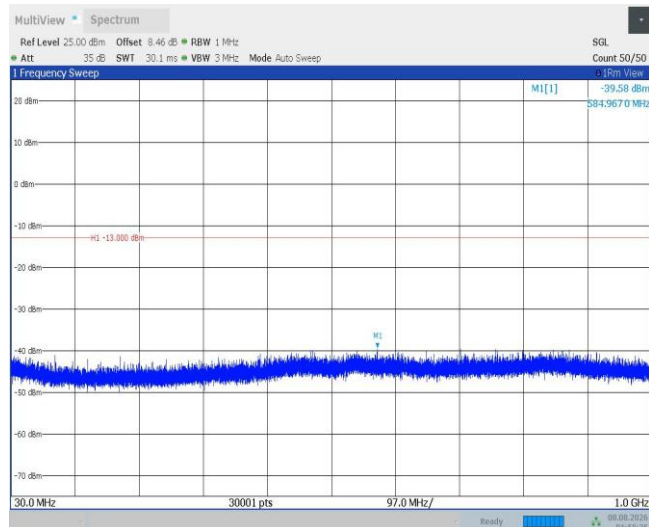
Band2-9262-0.009~0.15MHz



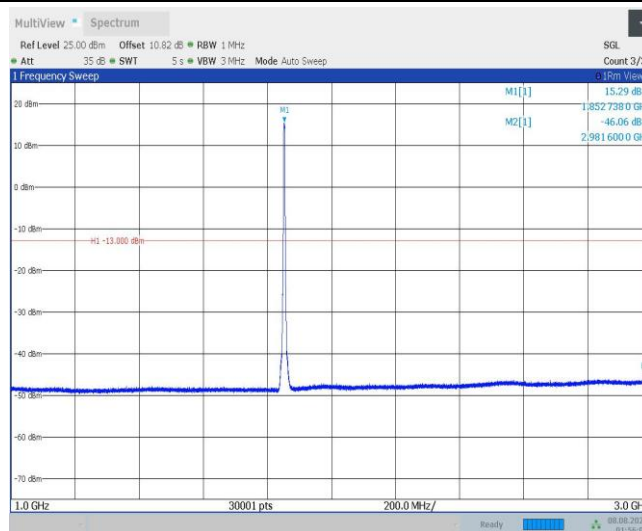
Band2-9262-0.15~30MHz



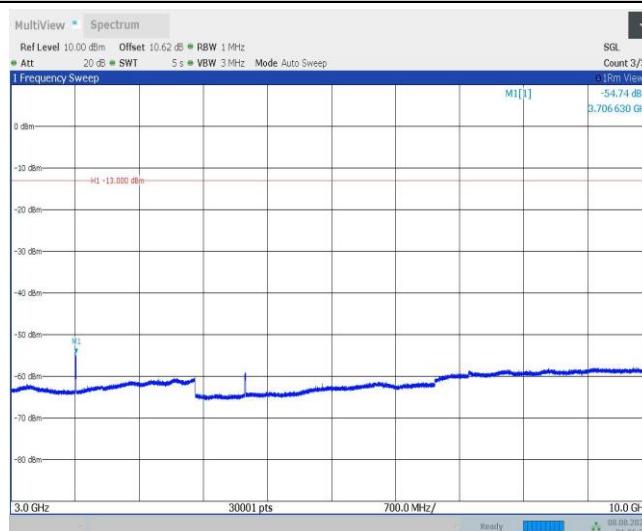
Band2-9262-30~1000MHz



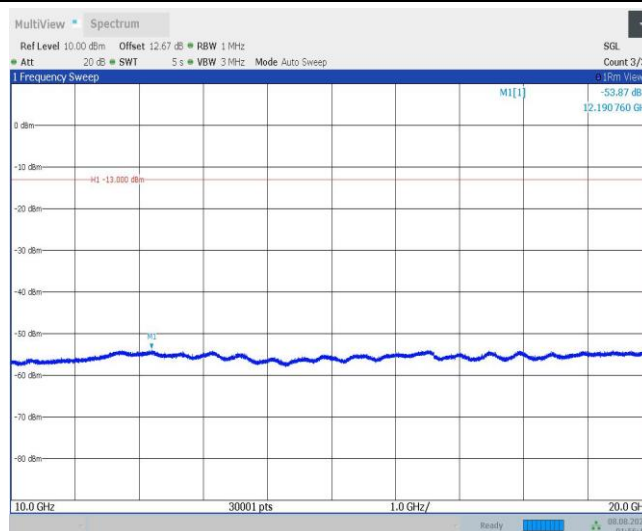
Band2-9262-1000~3000MHz



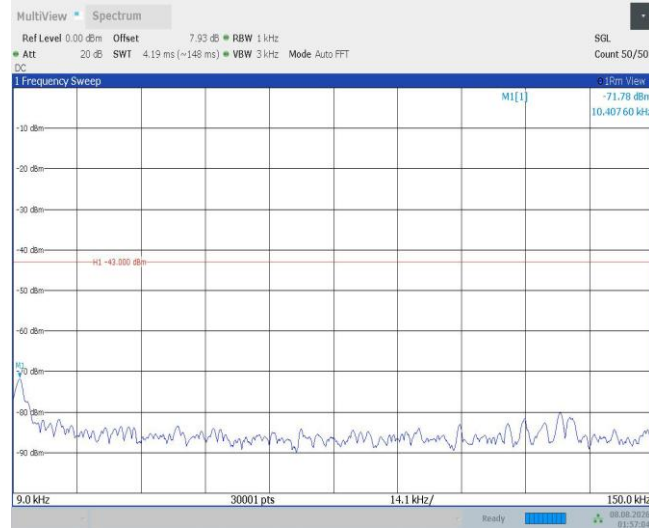
Band2-9262-3000~10000MHz



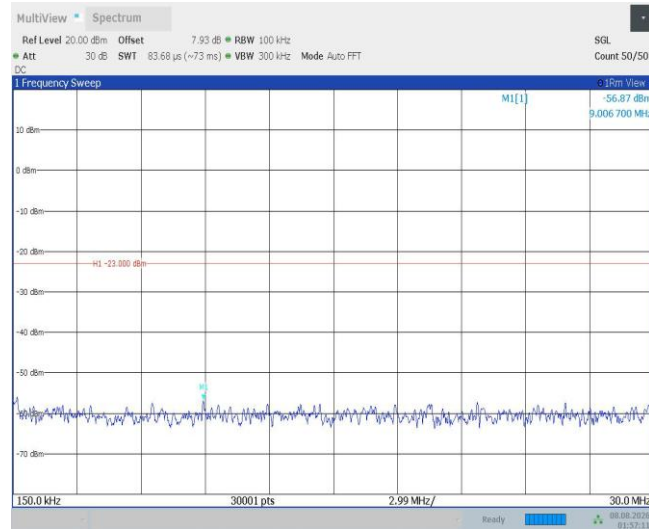
Band2-9262-10000~20000MHz



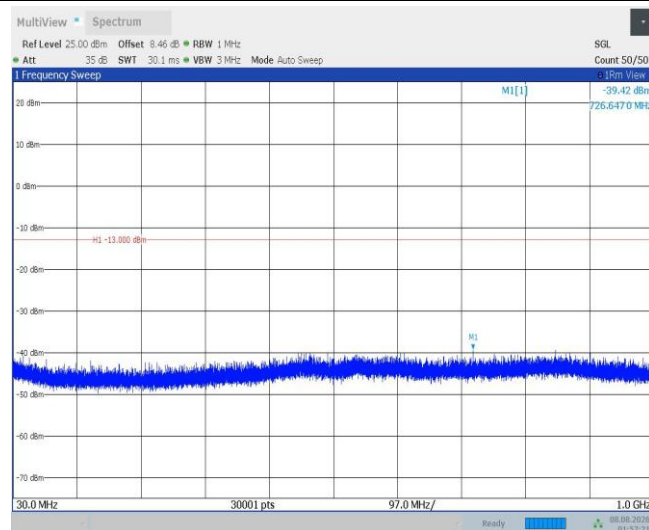
Band2-9400-0.009~0.15MHz



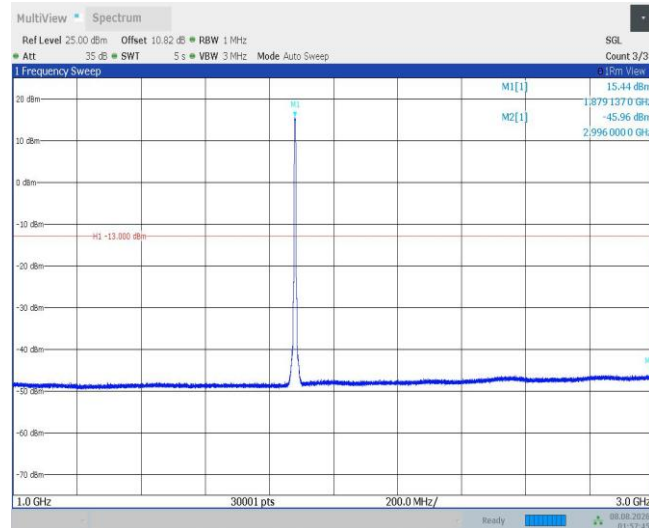
Band2-9400-0.15~30MHz



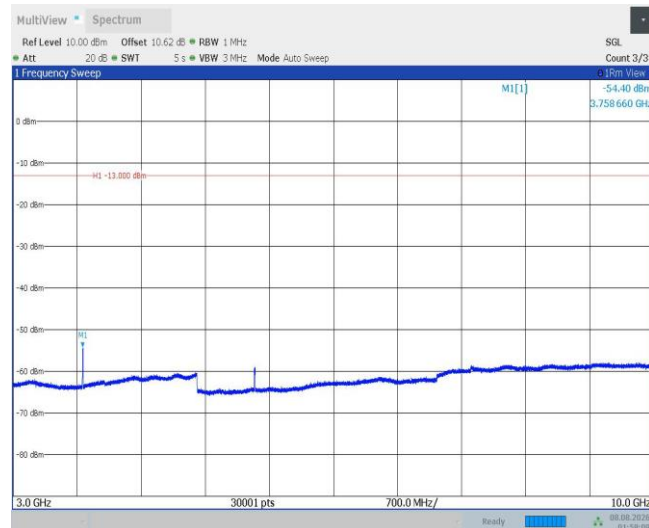
Band2-9400-30~1000MHz



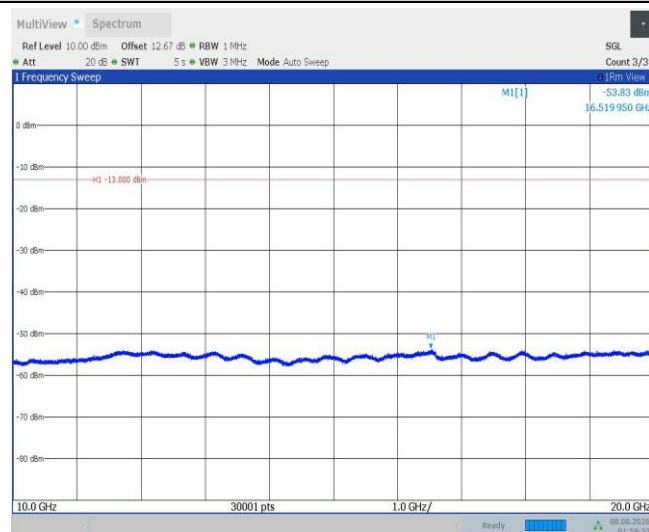
Band2-9400-1000~3000MHz



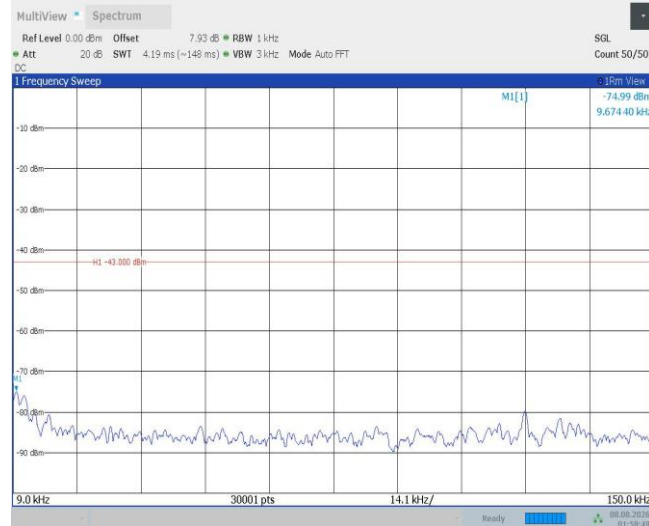
Band2-9400-3000~10000MHz



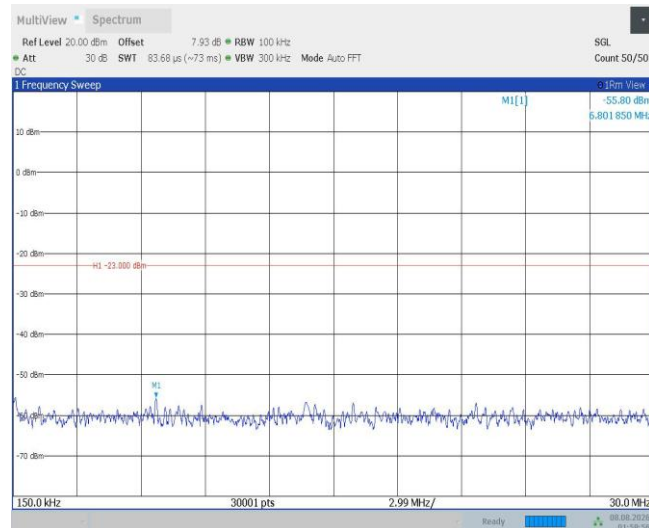
Band2-9400-10000~20000MHz



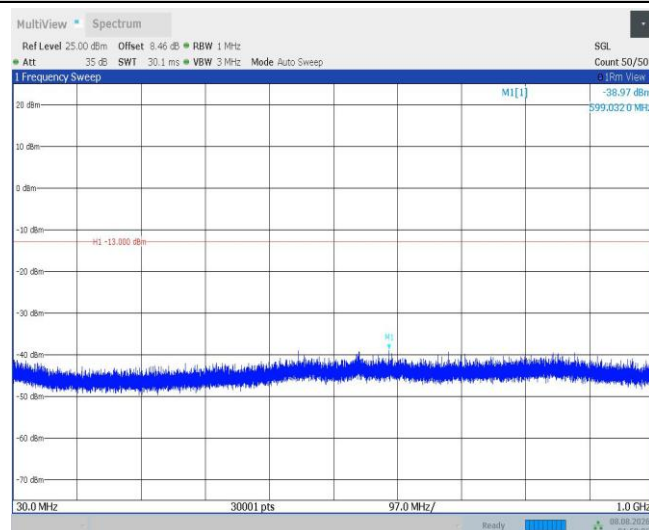
Band2-9538-0.009~0.15MHz



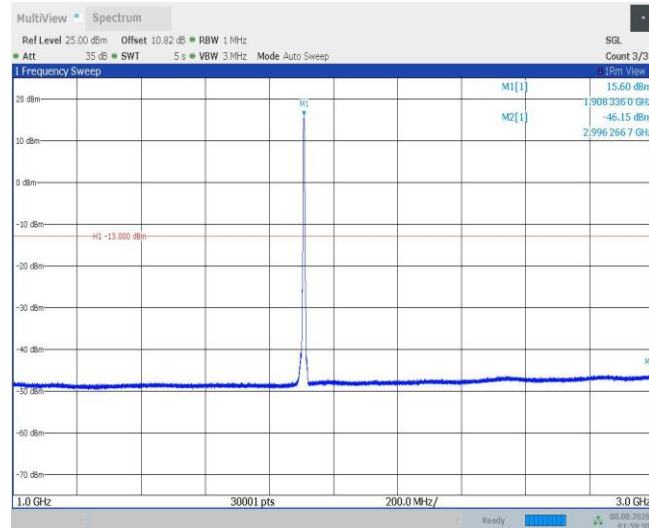
Band2-9538-0.15~30MHz



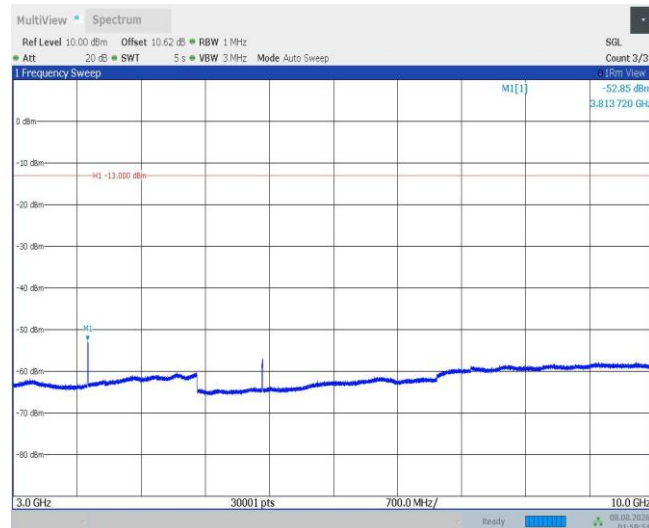
Band2-9538-30~1000MHz



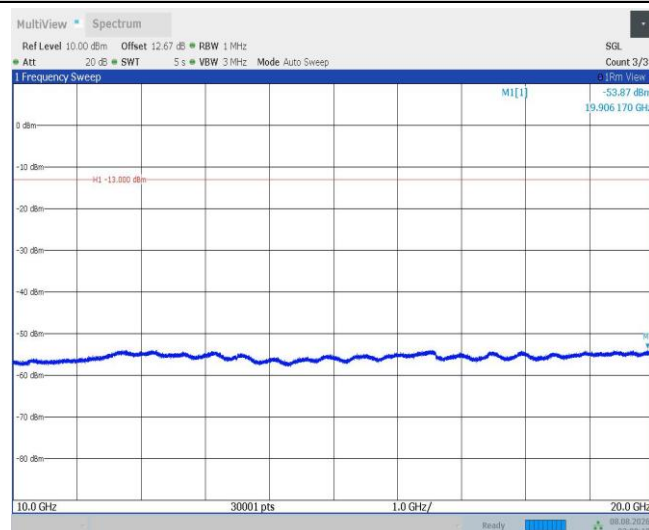
Band2-9538-1000~3000MHz



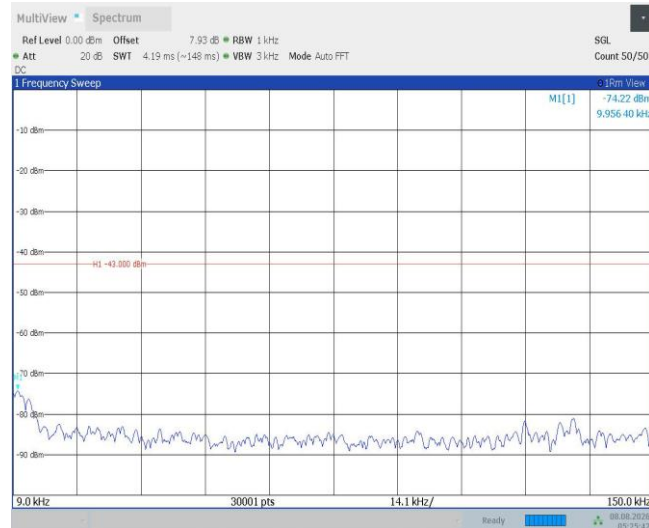
Band2-9538-3000~10000MHz



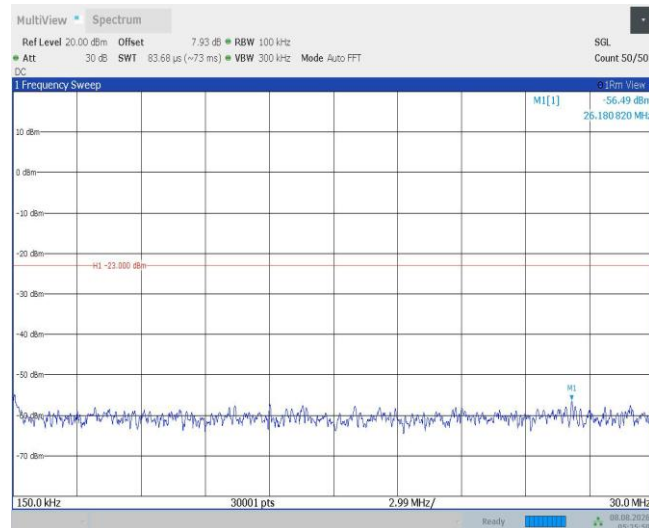
Band2-9538-10000~20000MHz



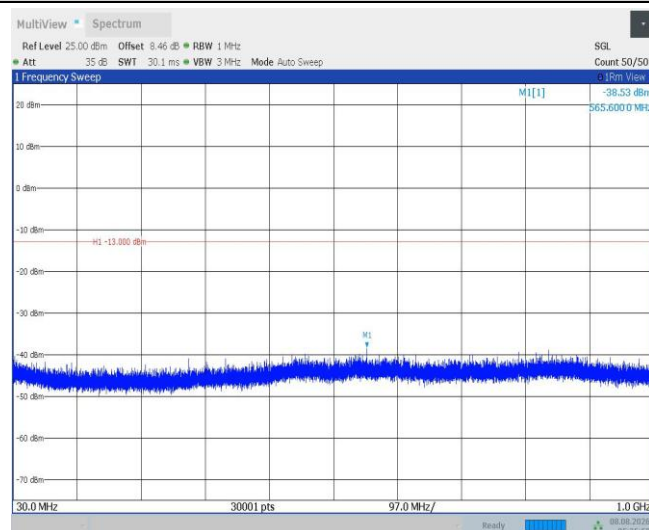
Band4-1312-0.009~0.15MHz



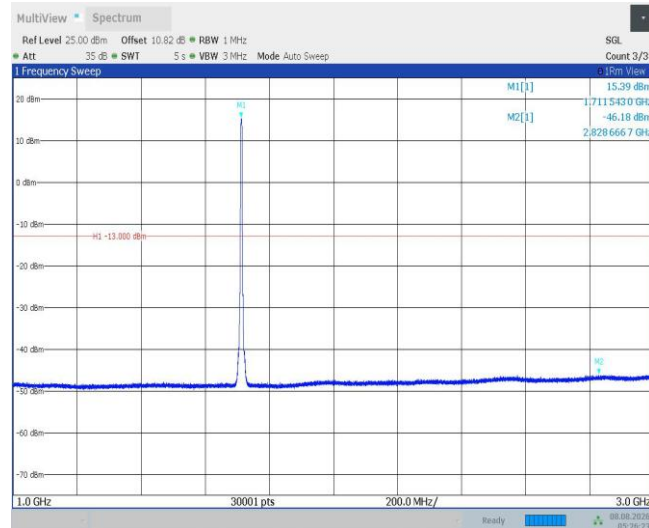
Band4-1312-0.15~30MHz



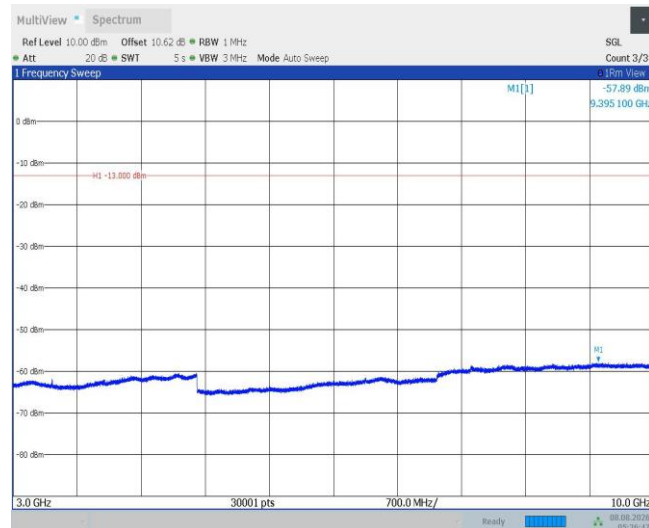
Band4-1312-30~1000MHz



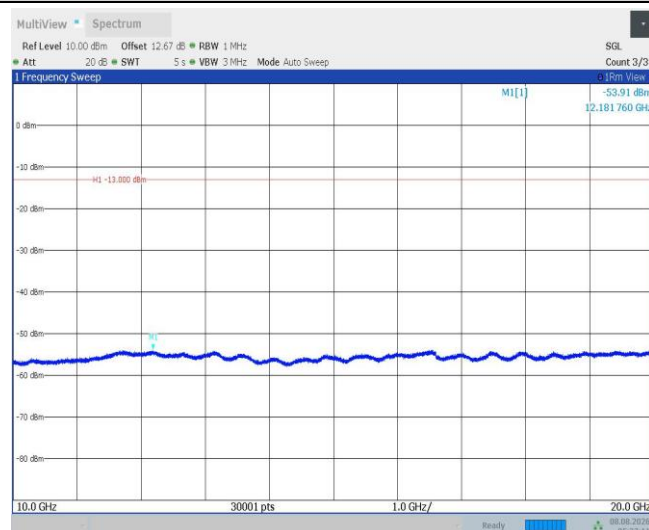
Band4-1312-1000~3000MHz



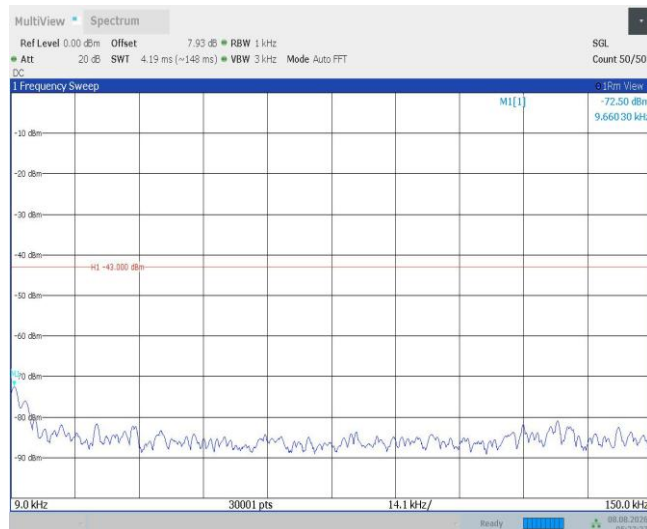
Band4-1312-3000~10000MHz



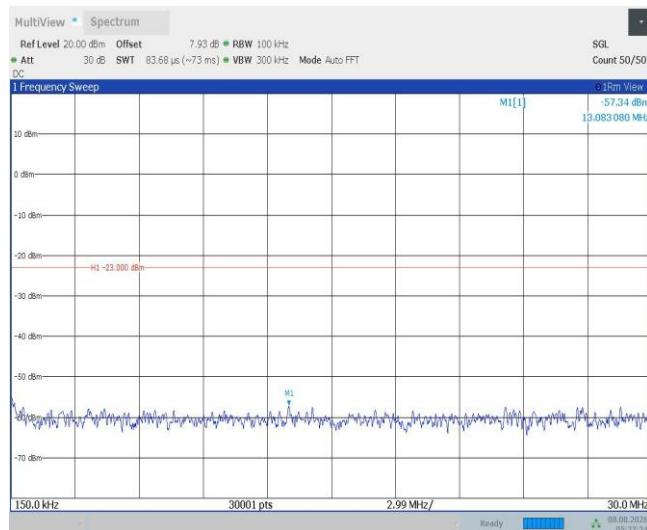
Band4-1312-10000~20000MHz



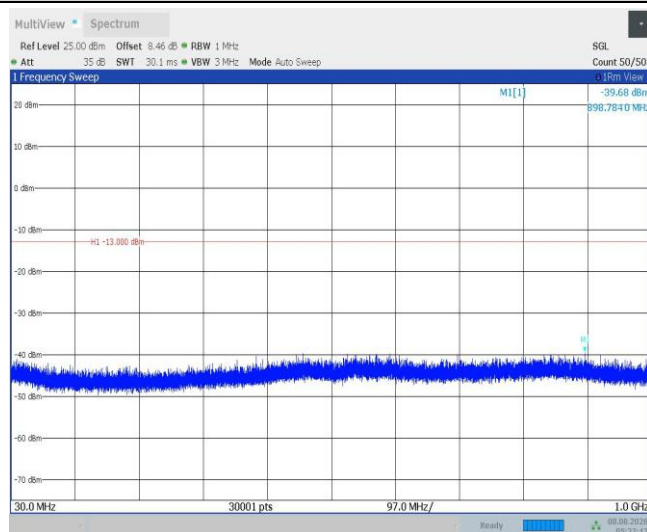
Band4-1413-0.009~0.15MHz



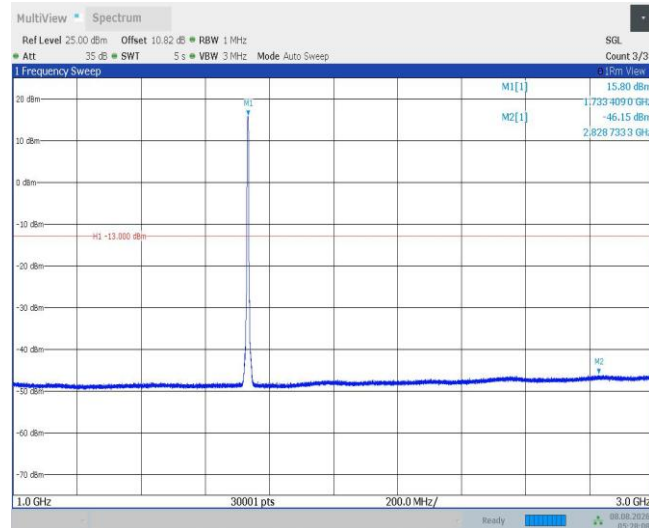
Band4-1413-0.15~30MHz



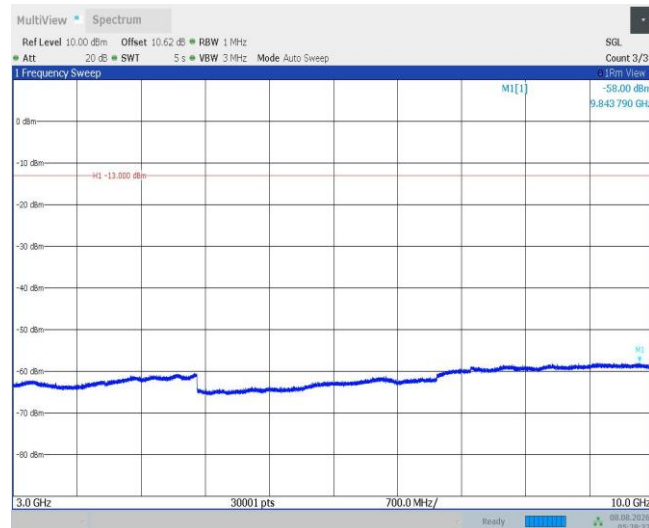
Band4-1413-30~1000MHz



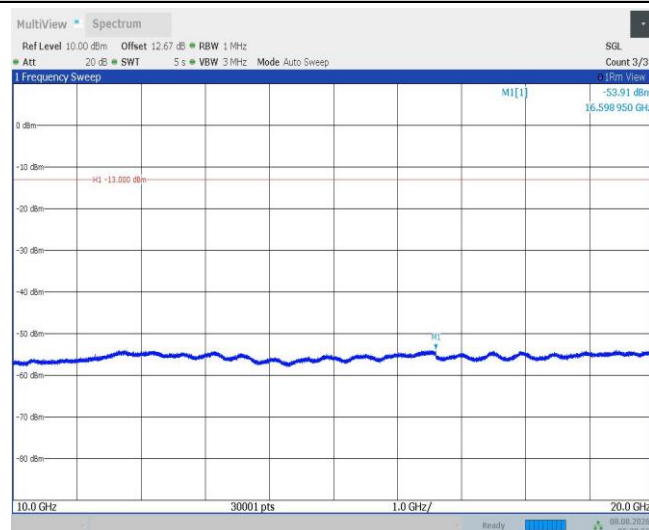
Band4-1413-1000~3000MHz



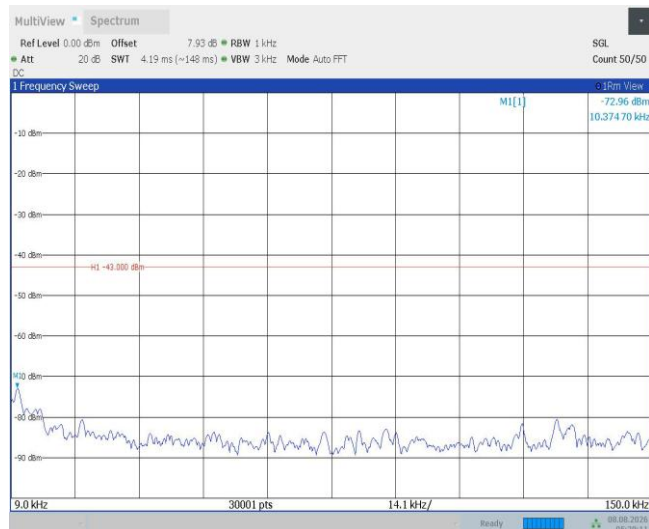
Band4-1413-3000~10000MHz



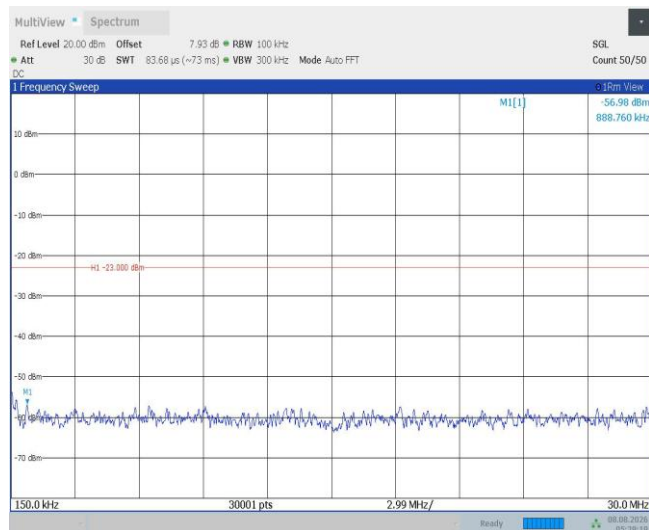
Band4-1413-10000~20000MHz



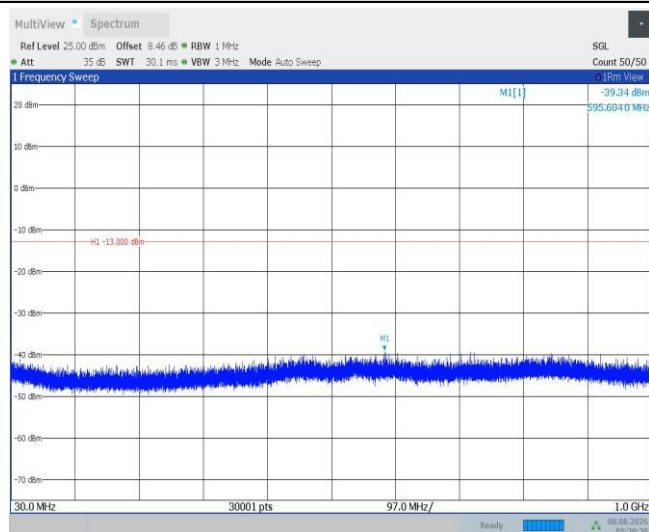
Band4-1513-0.009~0.15MHz



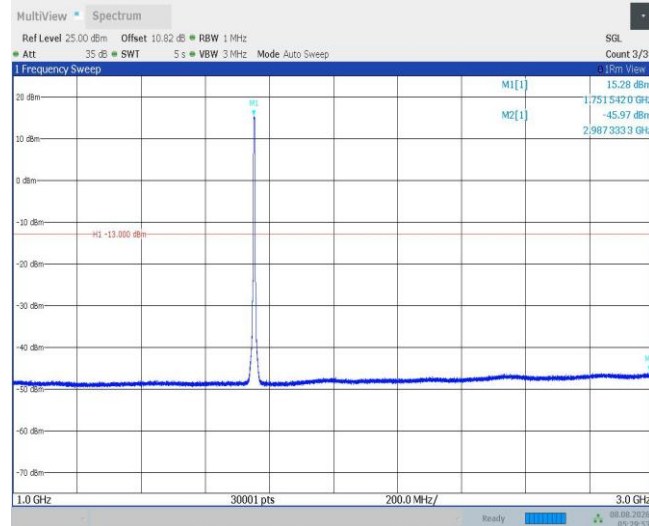
Band4-1513-0.15~30MHz



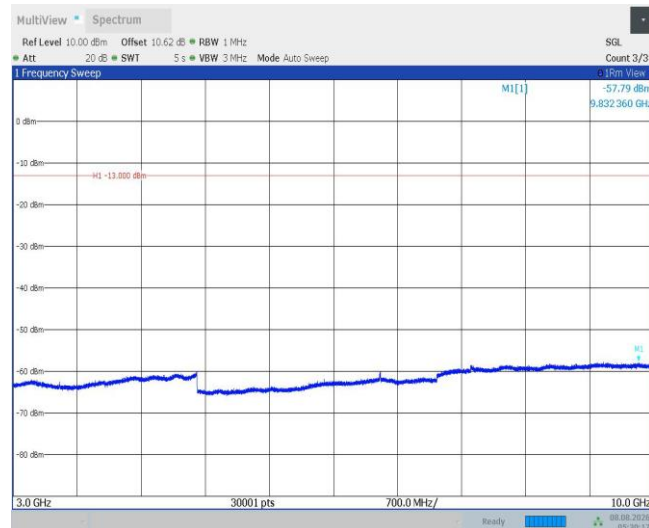
Band4-1513-30~1000MHz



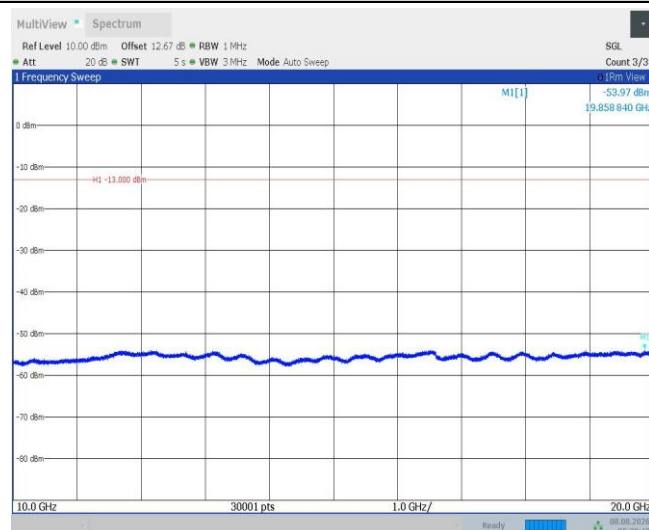
Band4-1513-1000~3000MHz



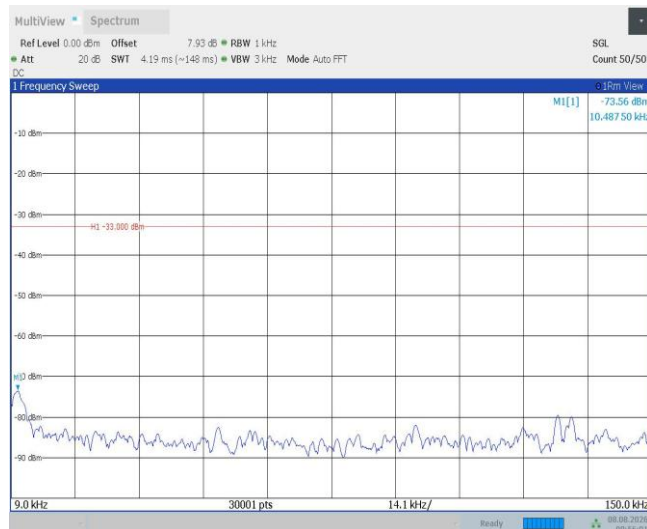
Band4-1513-3000~10000MHz



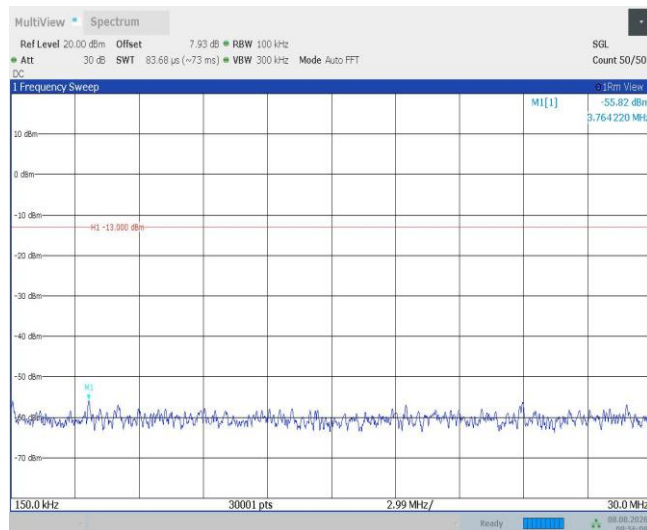
Band4-1513-10000~20000MHz



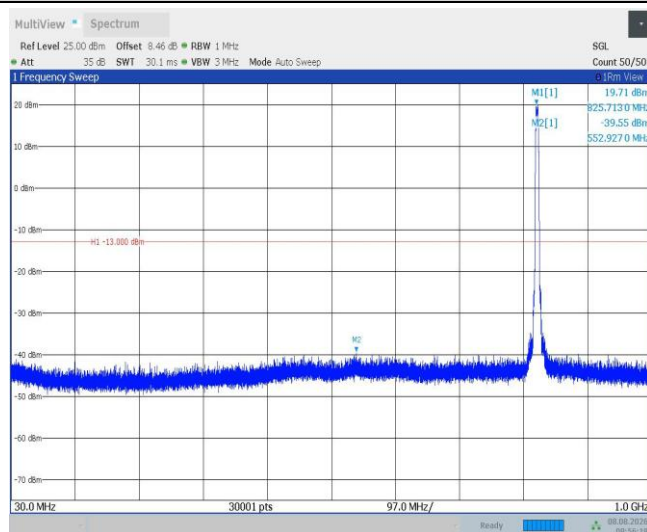
Band5-4132-0.009~0.15MHz



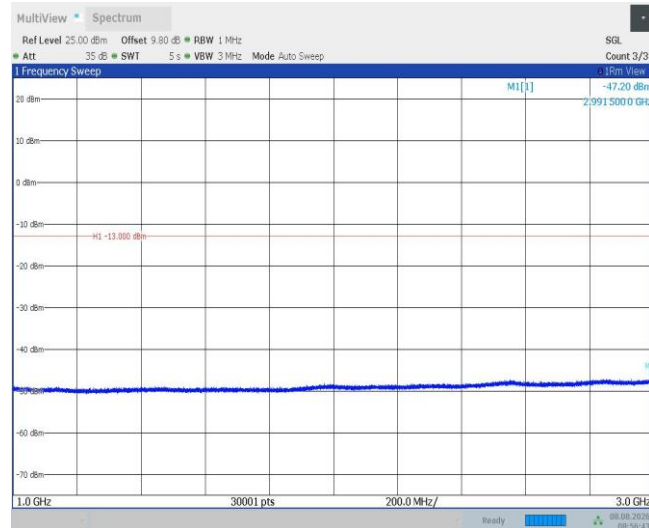
Band5-4132-0.15~30MHz



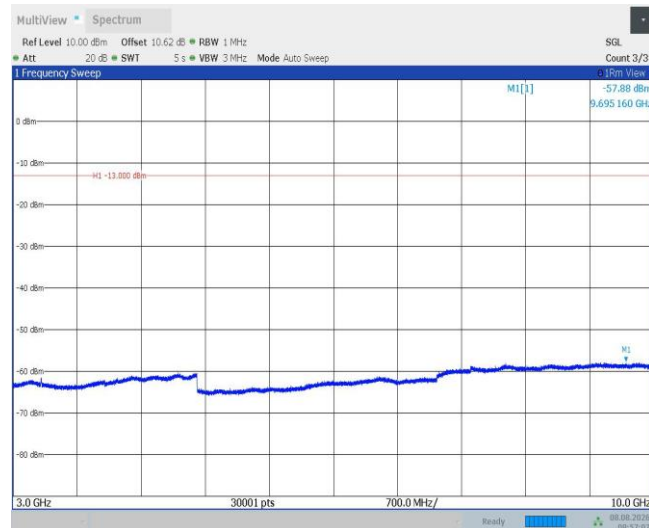
Band5-4132-30~1000MHz



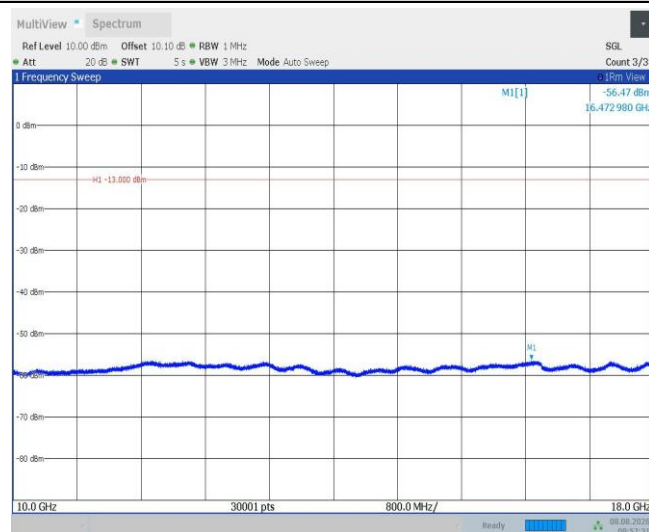
Band5-4132-1000~3000MHz



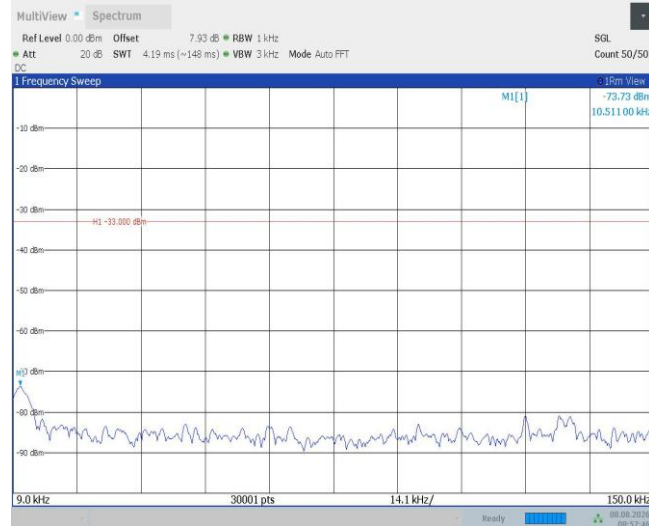
Band5-4132-3000~10000MHz



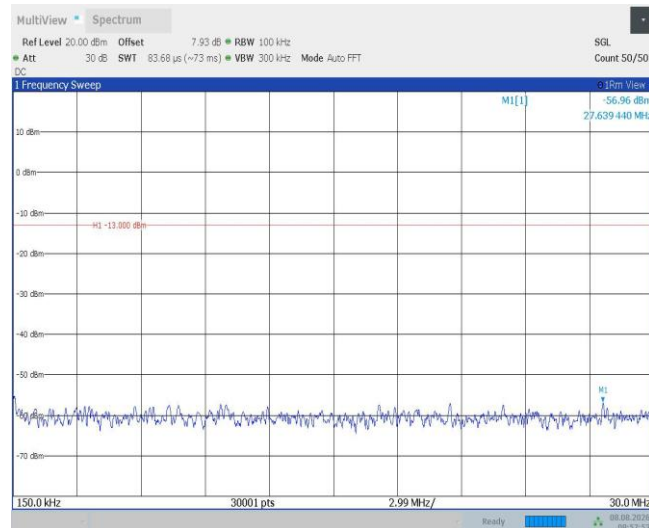
Band5-4132-10000~18000MHz



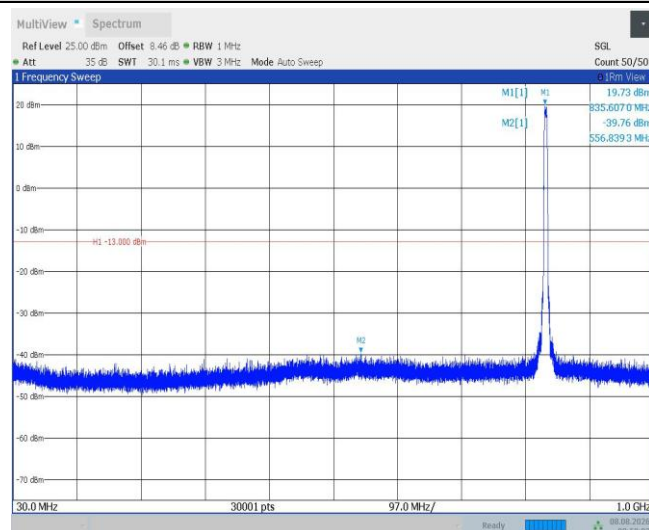
Band5-4182-0.009~0.15MHz



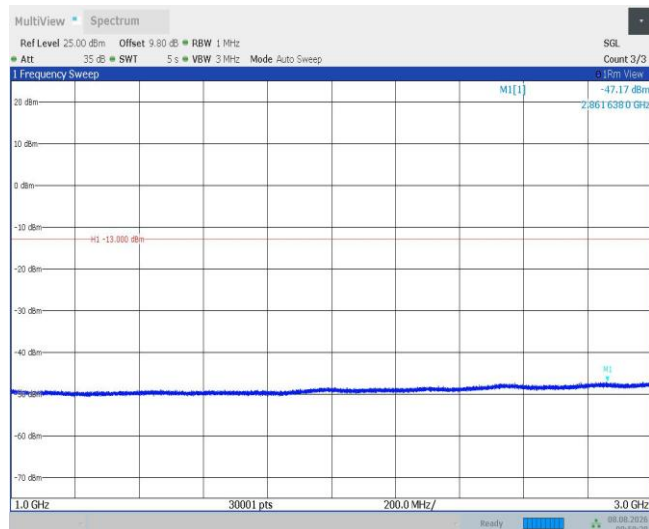
Band5-4182-0.15~30MHz



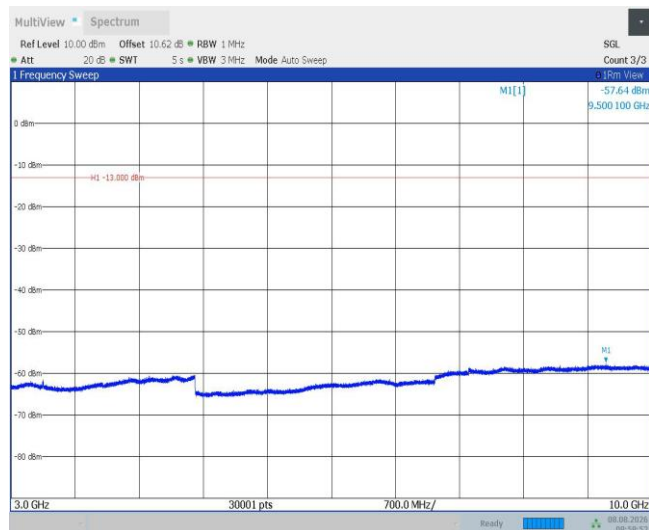
Band5-4182-30~1000MHz



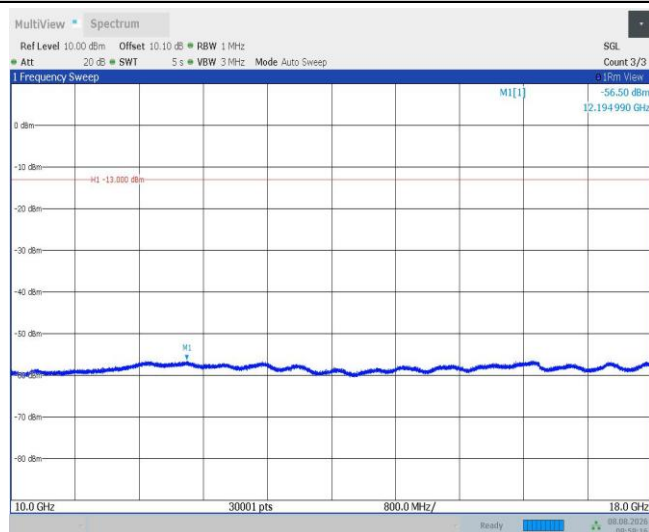
Band5-4182-1000~3000MHz



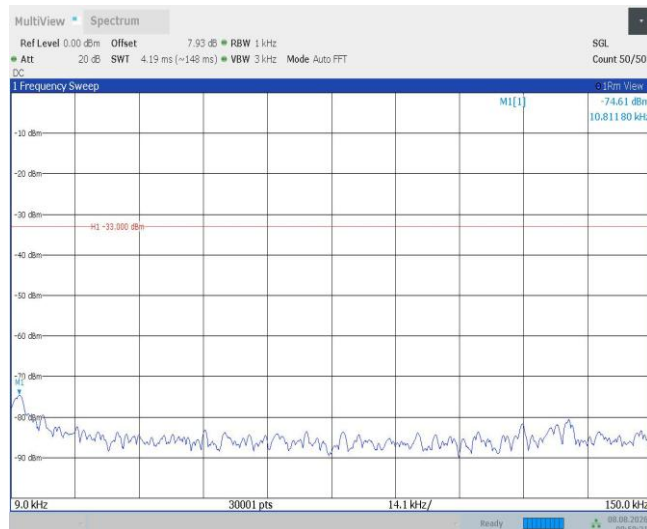
Band5-4182-3000~10000MHz



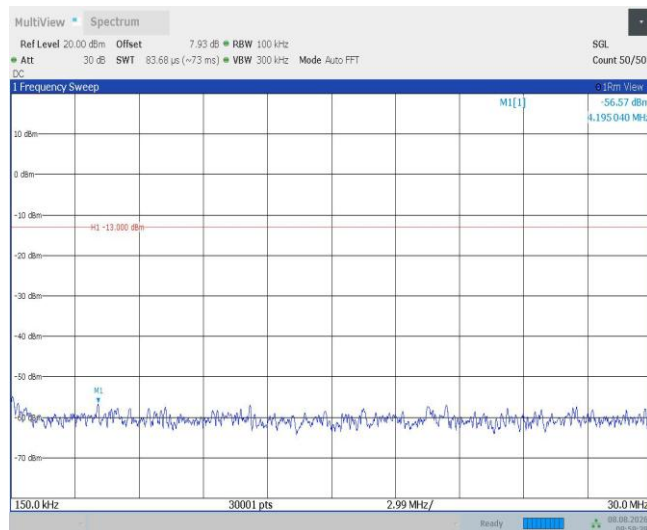
Band5-4182-10000~18000MHz



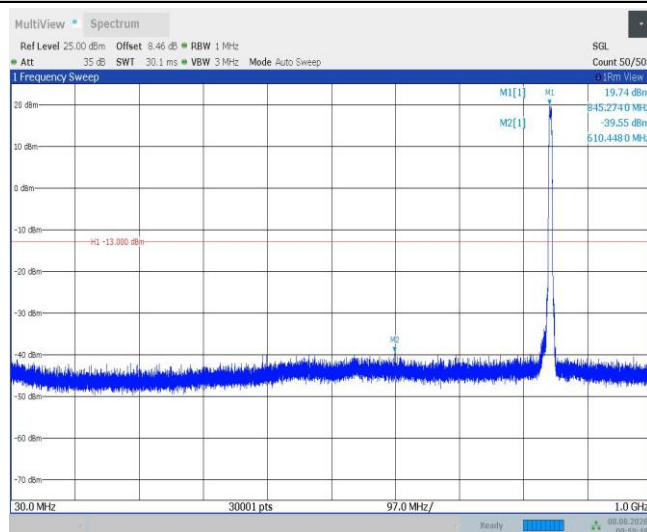
Band5-4233-0.009~0.15MHz



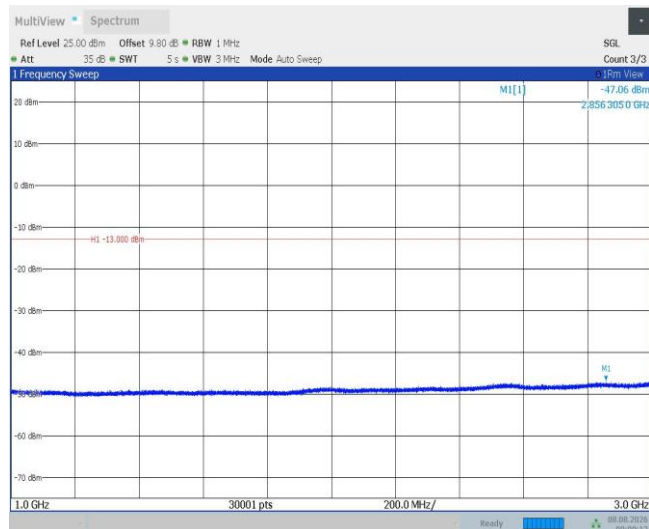
Band5-4233-0.15~30MHz



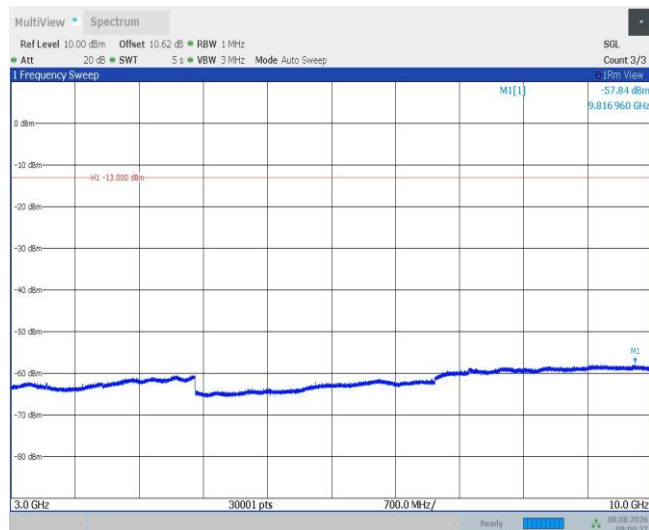
Band5-4233-30~1000MHz



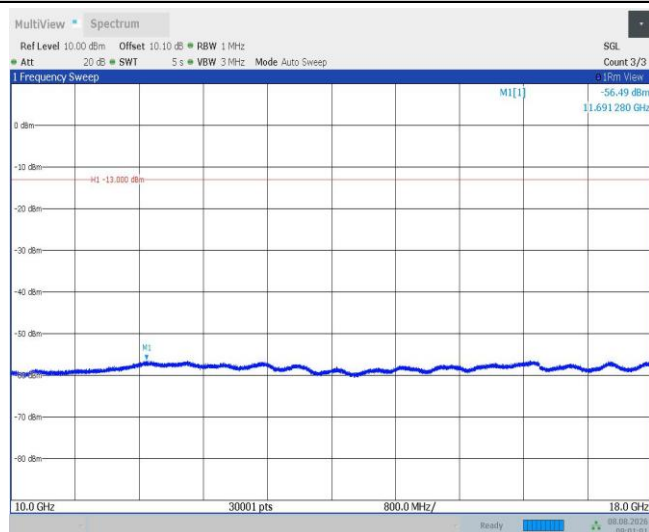
Band5-4233-1000~3000MHz



Band5-4233-3000~10000MHz



Band5-4233-10000~18000MHz



Appendix F: Frequency Stability

Test Result

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	VL	NT	4.82	0.002602	±2.5	PASS
Band2	9262	VN	NT	6.45	0.003482	±2.5	PASS
Band2	9262	VH	NT	2.29	0.001236	±2.5	PASS
Band2	9400	VL	NT	-1.27	-0.000676	±2.5	PASS
Band2	9400	VN	NT	-1.00	-0.000532	±2.5	PASS
Band2	9400	VH	NT	-1.44	-0.000766	±2.5	PASS
Band2	9538	VL	NT	5.12	0.002684	±2.5	PASS
Band2	9538	VN	NT	6.44	0.003376	±2.5	PASS
Band2	9538	VH	NT	-4.31	-0.002259	±2.5	PASS
Band4	1312	VL	NT	2.15	0.001256	±2.5	PASS
Band4	1312	VN	NT	2.65	0.001548	±2.5	PASS
Band4	1312	VH	NT	-1.80	-0.001051	±2.5	PASS
Band4	1413	VL	NT	10.79	0.006228	±2.5	PASS
Band4	1413	VN	NT	2.92	0.001685	±2.5	PASS
Band4	1413	VH	NT	11.47	0.006620	±2.5	PASS
Band4	1513	VL	NT	7.42	0.004234	±2.5	PASS
Band4	1513	VN	NT	6.15	0.003509	±2.5	PASS
Band4	1513	VH	NT	7.27	0.004148	±2.5	PASS
Band5	4132	VL	NT	0.43	0.000520	±2.5	PASS
Band5	4132	VN	NT	3.86	0.004671	±2.5	PASS
Band5	4132	VH	NT	1.66	0.002009	±2.5	PASS
Band5	4182	VL	NT	-0.44	-0.000526	±2.5	PASS
Band5	4182	VN	NT	-0.46	-0.000550	±2.5	PASS
Band5	4182	VH	NT	-0.09	-0.000108	±2.5	PASS
Band5	4233	VL	NT	-1.08	-0.001276	±2.5	PASS
Band5	4233	VN	NT	-1.77	-0.002091	±2.5	PASS
Band5	4233	VH	NT	-1.32	-0.001559	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	NV	0	1.11	0.000599	±2.5	PASS
Band2	9262	NV	10	0.63	0.000340	±2.5	PASS
Band2	9262	NV	20	1.16	0.000626	±2.5	PASS
Band2	9262	NV	30	1.89	0.001020	±2.5	PASS

Band2	9262	NV	40	11.42	0.006165	±2.5	PASS
Band2	9400	NV	0	-0.83	-0.000441	±2.5	PASS
Band2	9400	NV	10	5.07	0.002697	±2.5	PASS
Band2	9400	NV	20	6.42	0.003415	±2.5	PASS
Band2	9400	NV	30	-2.91	-0.001548	±2.5	PASS
Band2	9400	NV	40	-4.39	-0.002335	±2.5	PASS
Band2	9538	NV	0	-6.71	-0.003518	±2.5	PASS
Band2	9538	NV	10	2.48	0.001300	±2.5	PASS
Band2	9538	NV	20	3.29	0.001725	±2.5	PASS
Band2	9538	NV	30	-1.23	-0.000645	±2.5	PASS
Band2	9538	NV	40	-5.23	-0.002742	±2.5	PASS
Band4	1312	NV	0	9.99	0.005834	±2.5	PASS
Band4	1312	NV	10	10.44	0.006097	±2.5	PASS
Band4	1312	NV	20	9.53	0.005565	±2.5	PASS
Band4	1312	NV	30	7.82	0.004567	±2.5	PASS
Band4	1312	NV	40	2.59	0.001512	±2.5	PASS
Band4	1413	NV	0	5.84	0.003371	±2.5	PASS
Band4	1413	NV	10	5.50	0.003174	±2.5	PASS
Band4	1413	NV	20	11.94	0.006891	±2.5	PASS
Band4	1413	NV	30	9.88	0.005702	±2.5	PASS
Band4	1413	NV	40	10.83	0.006251	±2.5	PASS
Band4	1513	NV	0	8.08	0.004610	±2.5	PASS
Band4	1513	NV	10	-0.01	-0.000006	±2.5	PASS
Band4	1513	NV	20	3.83	0.002185	±2.5	PASS
Band4	1513	NV	30	-1.11	-0.000633	±2.5	PASS
Band4	1513	NV	40	3.63	0.002071	±2.5	PASS
Band5	4132	NV	0	2.88	0.003485	±2.5	PASS
Band5	4132	NV	10	1.51	0.001827	±2.5	PASS
Band5	4132	NV	20	2.25	0.002723	±2.5	PASS
Band5	4132	NV	30	2.60	0.003146	±2.5	PASS
Band5	4132	NV	40	2.70	0.003267	±2.5	PASS
Band5	4182	NV	0	-0.55	-0.000658	±2.5	PASS
Band5	4182	NV	10	-0.88	-0.001052	±2.5	PASS
Band5	4182	NV	20	-1.23	-0.001471	±2.5	PASS
Band5	4182	NV	30	-1.68	-0.002009	±2.5	PASS
Band5	4182	NV	40	-2.15	-0.002571	±2.5	PASS
Band5	4233	NV	0	-0.73	-0.000862	±2.5	PASS
Band5	4233	NV	10	-0.37	-0.000437	±2.5	PASS
Band5	4233	NV	20	-0.03	-0.000035	±2.5	PASS
Band5	4233	NV	30	0.11	0.000130	±2.5	PASS
Band5	4233	NV	40	1.44	0.001701	±2.5	PASS

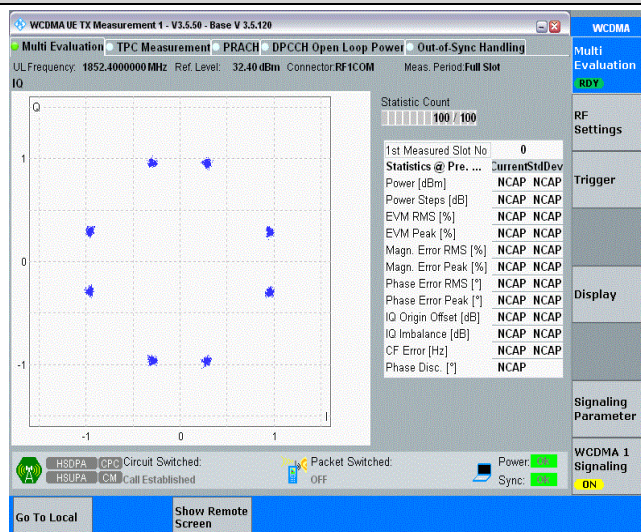
Appendix G: Modulation Characteristics

Test Result

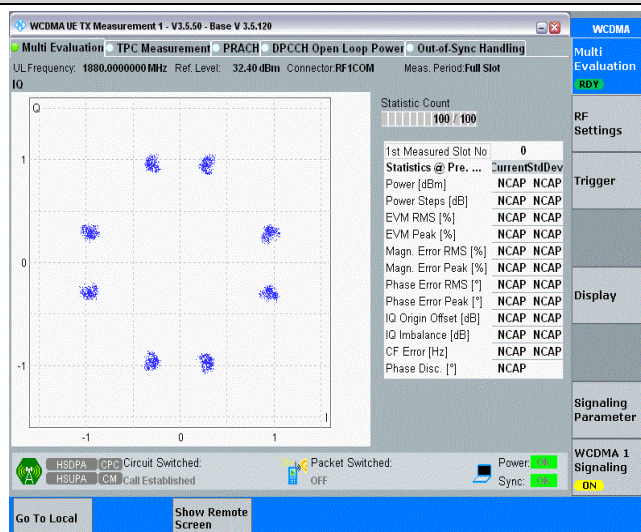
Band	Channel	Result	Verdict
Band2	9262	PASS	PASS
Band2	9400	PASS	PASS
Band2	9538	PASS	PASS
Band4	1312	PASS	PASS
Band4	1413	PASS	PASS
Band4	1513	PASS	PASS
Band5	4132	PASS	PASS
Band5	4182	PASS	PASS
Band5	4233	PASS	PASS

Test Graphs

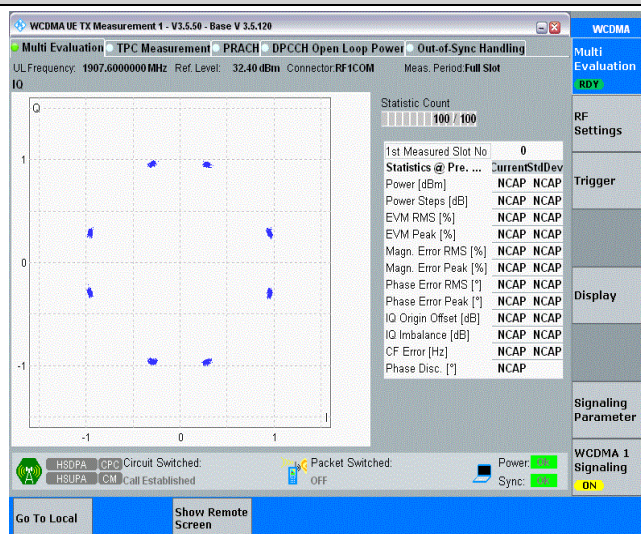
Band2-9262



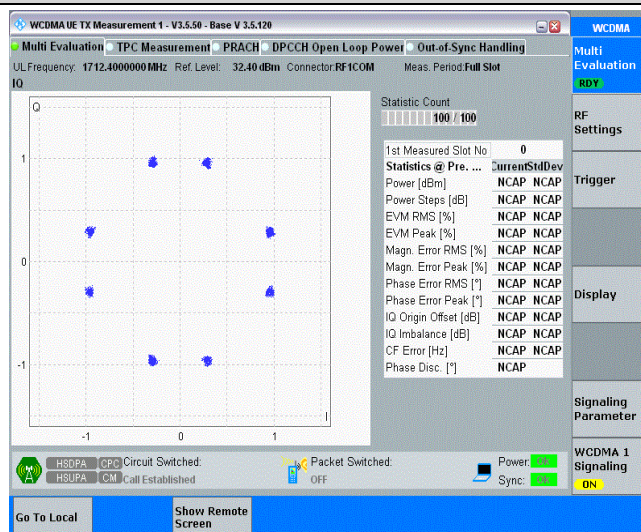
Band2-9400



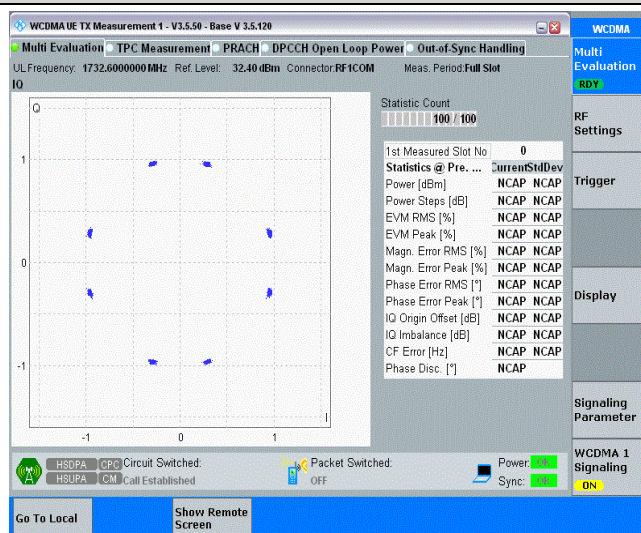
Band2-9538



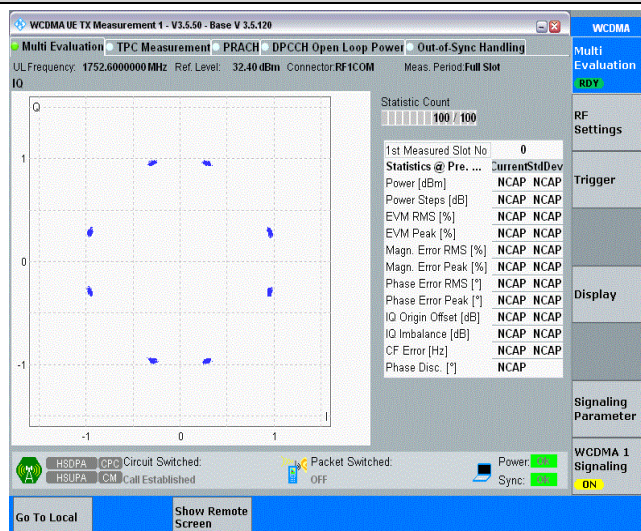
Band4-1312



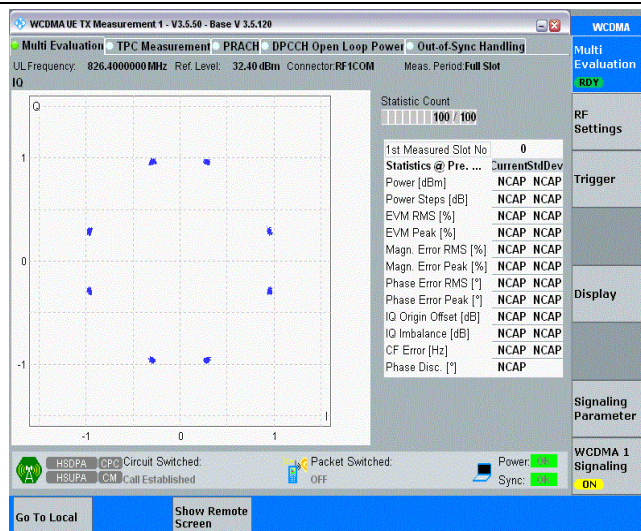
Band4-1413



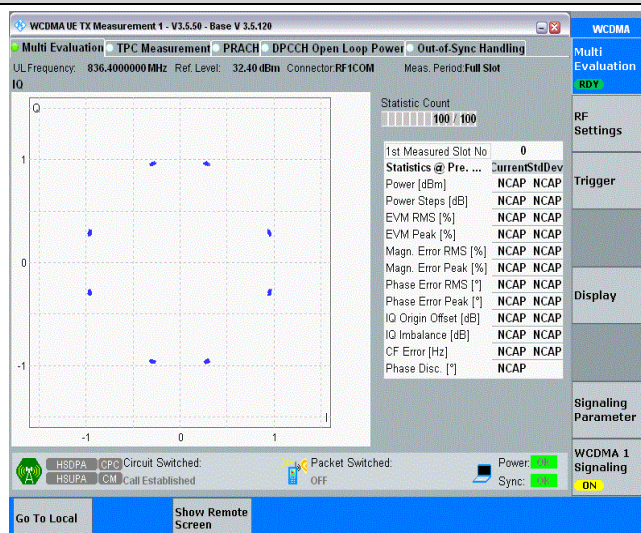
Band4-1513



Band5-4132



Band5-4182



Band5-4233

