

Appendix A: Test Results

Peak-to-Average Ratio

Test Result

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dBm)	Verdict
Band2	9262	3.07	13	PASS
Band2	9400	3.14	13	PASS
Band2	9538	3.14	13	PASS
Band4	1312	3.15	13	PASS
Band4	1413	3.14	13	PASS
Band4	1513	3.11	13	PASS
Band5	4132	3.23	13	PASS
Band5	4182	3.16	13	PASS
Band5	4233	3.06	13	PASS

Test Graphs

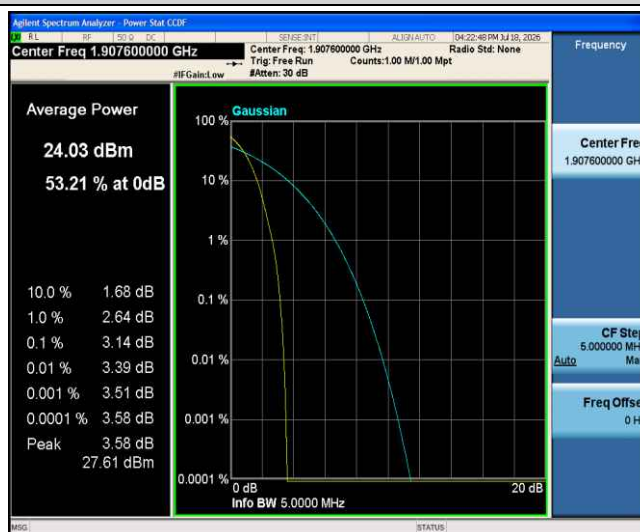
Band2-9262



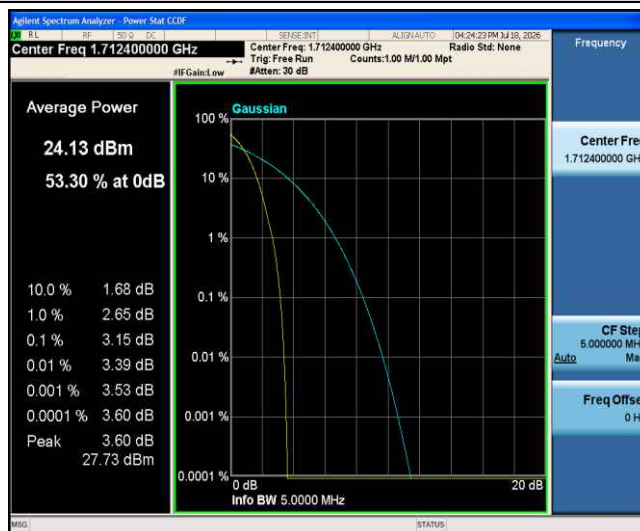
Band2-9400



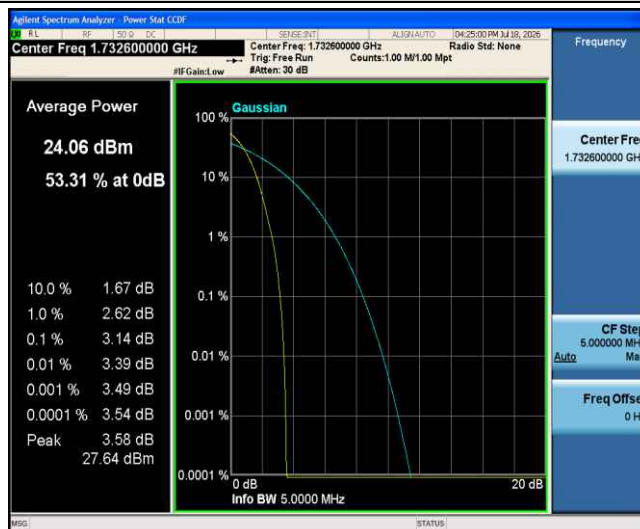
Band2-9538



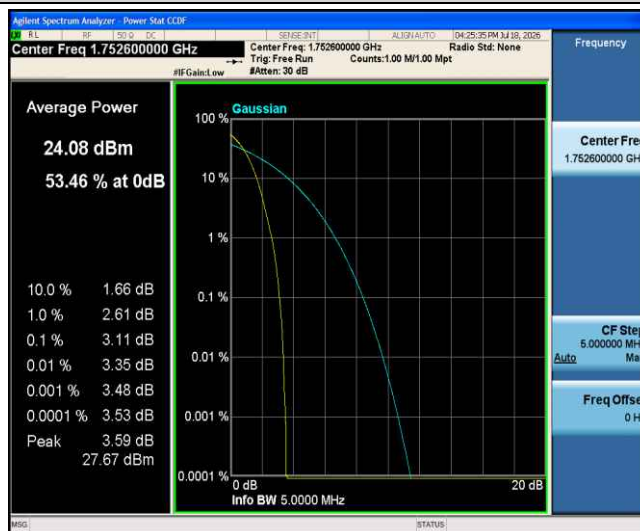
Band4-1312



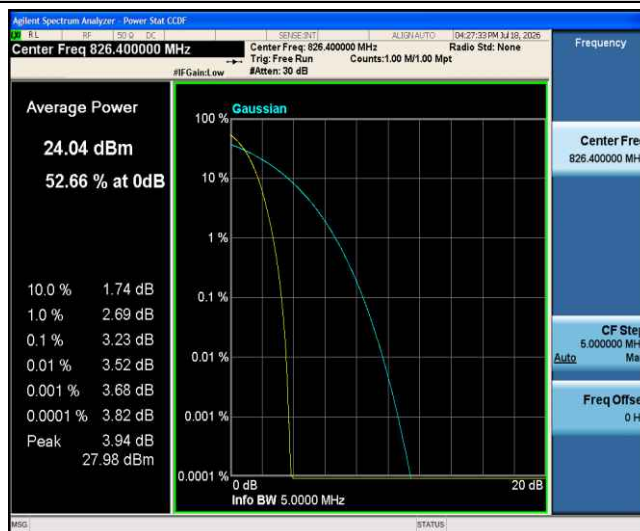
Band4-1413



Band4-1513



Band5-4132



Band5-4182



Band5-4233



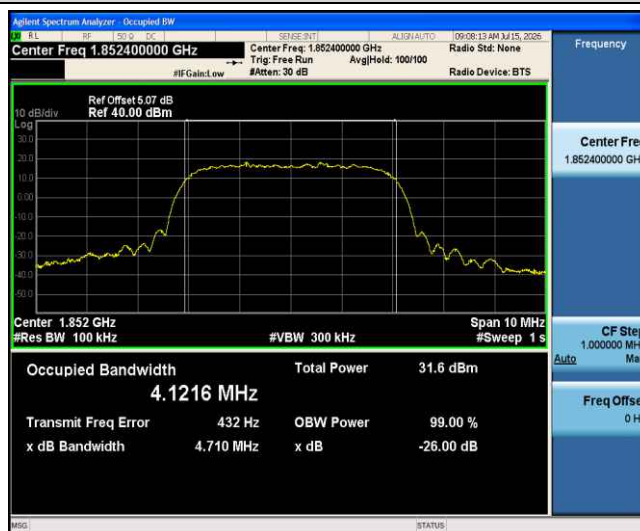
26dB Bandwidth and Occupied Bandwidth

Test Result

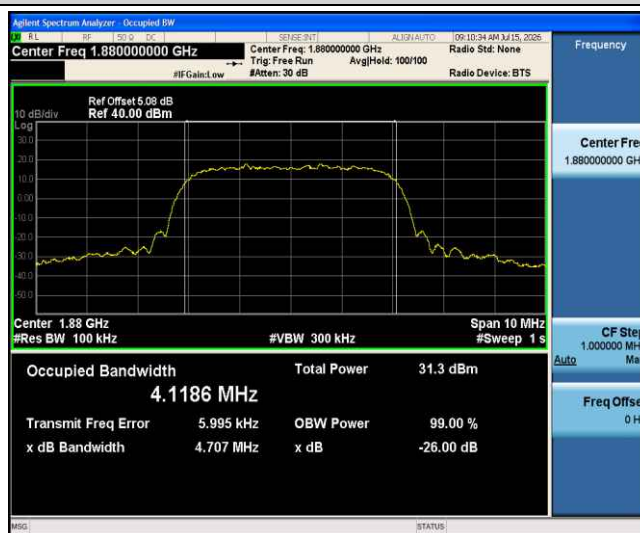
Band	Channel	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
Band2	9262	4.1216	4.710	---	PASS
Band2	9400	4.1186	4.707	---	PASS
Band2	9538	4.1204	4.710	---	PASS
Band4	1312	4.1159	4.704	---	PASS
Band4	1413	4.1193	4.709	---	PASS
Band4	1513	4.1231	4.703	---	PASS
Band5	4132	4.1354	4.712	---	PASS
Band5	4182	4.1154	4.703	---	PASS
Band5	4233	4.1164	4.706	---	PASS

Test Graphs

Band2-9262-4.710



Band2-9400-4.707



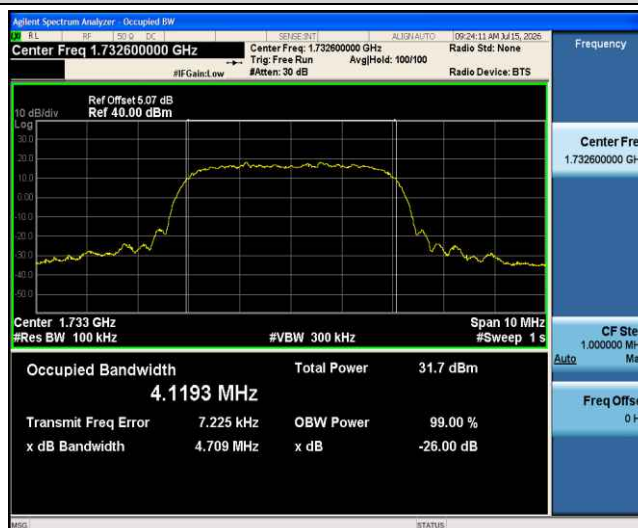
Band2-9538-4.710



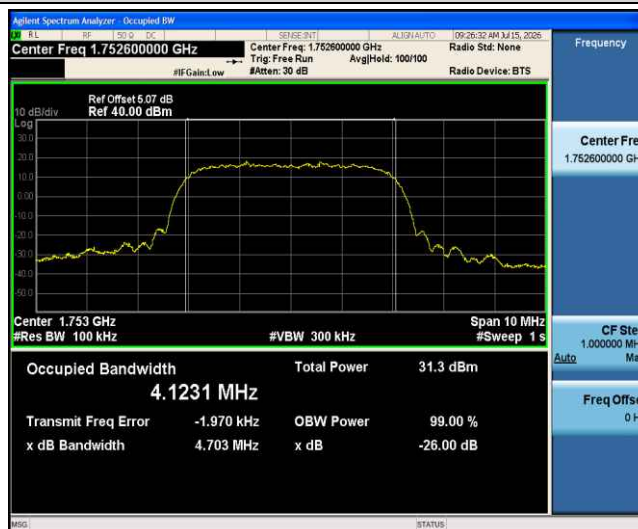
Band4-1312-4.704



Band4-1413-4.709



Band4-1513-4.703



Band5-4132-4.712



Band5-4182-4.703



Band5-4233-4.706



Band Edge

Test Graphs

Band2-9262



Band2-9538



Band4-1312



Band4-1513



Band5-4132



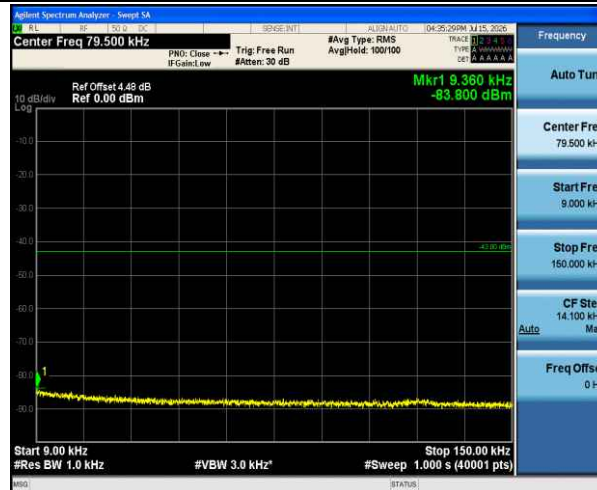
Band5-4233



Conducted Spurious Emission

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



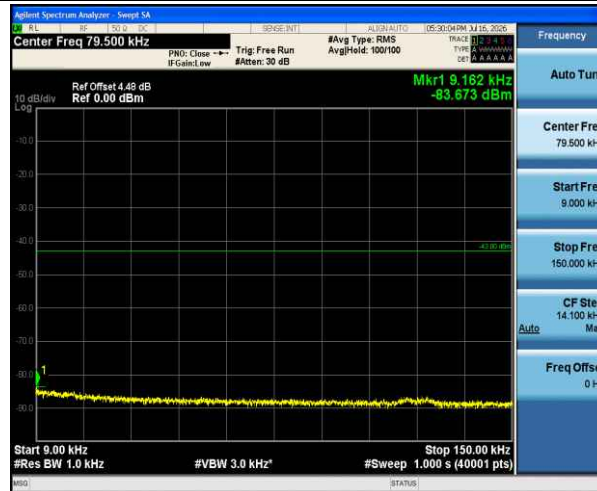
Band2-9538-3000~10000MHz



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



Frequency Stability

Test Result

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	VL	NT	-3.65	-0.001970	±2.5	PASS
Band2	9262	VN	NT	-4.85	-0.002618	±2.5	PASS
Band2	9262	VH	NT	-5.34	-0.002883	±2.5	PASS
Band2	9400	VL	NT	-3.34	-0.001777	±2.5	PASS
Band2	9400	VN	NT	-4.44	-0.002362	±2.5	PASS
Band2	9400	VH	NT	-2.38	-0.001266	±2.5	PASS
Band2	9538	VL	NT	-2.56	-0.001342	±2.5	PASS
Band2	9538	VN	NT	233.14	0.122216	±2.5	PASS
Band2	9538	VH	NT	112.47	0.058959	±2.5	PASS
Band4	1312	VL	NT	-0.63	-0.000368	±2.5	PASS
Band4	1312	VN	NT	-3.10	-0.001810	±2.5	PASS
Band4	1312	VH	NT	-0.73	-0.000426	±2.5	PASS
Band4	1413	VL	NT	-6.44	-0.003717	±2.5	PASS
Band4	1413	VN	NT	-0.46	-0.000265	±2.5	PASS
Band4	1413	VH	NT	-2.41	-0.001391	±2.5	PASS
Band4	1513	VL	NT	-4.07	-0.002322	±2.5	PASS
Band4	1513	VN	NT	-2.24	-0.001278	±2.5	PASS
Band4	1513	VH	NT	-1.22	-0.000696	±2.5	PASS
Band5	4132	VL	NT	-0.82	-0.000992	±2.5	PASS
Band5	4132	VN	NT	3.07	0.003715	±2.5	PASS
Band5	4132	VH	NT	0.92	0.001113	±2.5	PASS
Band5	4182	VL	NT	-2.15	-0.002571	±2.5	PASS
Band5	4182	VN	NT	1.56	0.001865	±2.5	PASS
Band5	4182	VH	NT	-1.39	-0.001662	±2.5	PASS
Band5	4233	VL	NT	-4.03	-0.004760	±2.5	PASS
Band5	4233	VN	NT	1.51	0.001784	±2.5	PASS
Band5	4233	VH	NT	-0.15	-0.000177	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	NV	-30	-5.05	-0.002726	±2.5	PASS
Band2	9262	NV	-20	-2.76	-0.001490	±2.5	PASS
Band2	9262	NV	-10	-2.88	-0.001555	±2.5	PASS
Band2	9262	NV	0	-3.20	-0.001727	±2.5	PASS
Band2	9262	NV	10	-5.65	-0.003050	±2.5	PASS
Band2	9262	NV	20	-4.03	-0.002176	±2.5	PASS
Band2	9262	NV	30	-1.10	-0.000594	±2.5	PASS
Band2	9262	NV	40	-3.36	-0.001814	±2.5	PASS
Band2	9262	NV	50	-4.03	-0.002176	±2.5	PASS
Band2	9400	NV	-30	-2.93	-0.001559	±2.5	PASS
Band2	9400	NV	-20	-6.94	-0.003691	±2.5	PASS
Band2	9400	NV	-10	-4.71	-0.002505	±2.5	PASS
Band2	9400	NV	0	-4.07	-0.002165	±2.5	PASS
Band2	9400	NV	10	-6.41	-0.003410	±2.5	PASS
Band2	9400	NV	20	-5.86	-0.003117	±2.5	PASS
Band2	9400	NV	30	0.09	0.000048	±2.5	PASS
Band2	9400	NV	40	-3.81	-0.002027	±2.5	PASS
Band2	9400	NV	50	-0.08	-0.000043	±2.5	PASS
Band2	9538	NV	-30	104.55	0.054807	±2.5	PASS
Band2	9538	NV	-20	210.24	0.110212	±2.5	PASS
Band2	9538	NV	-10	451.81	0.236847	±2.5	PASS
Band2	9538	NV	0	341.05	0.178785	±2.5	PASS
Band2	9538	NV	10	395.55	0.207355	±2.5	PASS
Band2	9538	NV	20	557.19	0.292090	±2.5	PASS
Band2	9538	NV	30	647.40	0.339379	±2.5	PASS
Band2	9538	NV	40	687.45	0.360374	±2.5	PASS
Band2	9538	NV	50	332.43	0.174266	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	NV	-30	-1.54	-0.000899	±2.5	PASS
Band4	1312	NV	-20	-2.55	-0.001489	±2.5	PASS
Band4	1312	NV	-10	-6.29	-0.003673	±2.5	PASS
Band4	1312	NV	0	0.38	0.000222	±2.5	PASS
Band4	1312	NV	10	0.78	0.000456	±2.5	PASS
Band4	1312	NV	20	-2.99	-0.001746	±2.5	PASS
Band4	1312	NV	30	-6.16	-0.003597	±2.5	PASS
Band4	1312	NV	40	-1.19	-0.000695	±2.5	PASS
Band4	1312	NV	50	-4.49	-0.002622	±2.5	PASS
Band4	1413	NV	-30	0.20	0.000115	±2.5	PASS
Band4	1413	NV	-20	-5.17	-0.002984	±2.5	PASS
Band4	1413	NV	-10	-5.55	-0.003203	±2.5	PASS
Band4	1413	NV	0	-3.65	-0.002107	±2.5	PASS
Band4	1413	NV	10	-1.11	-0.000641	±2.5	PASS
Band4	1413	NV	20	-4.18	-0.002413	±2.5	PASS
Band4	1413	NV	30	-1.11	-0.000641	±2.5	PASS
Band4	1413	NV	40	-3.10	-0.001789	±2.5	PASS
Band4	1413	NV	50	-0.99	-0.000571	±2.5	PASS
Band4	1513	NV	-30	-2.11	-0.001204	±2.5	PASS
Band4	1513	NV	-20	-6.59	-0.003760	±2.5	PASS
Band4	1513	NV	-10	-2.75	-0.001569	±2.5	PASS
Band4	1513	NV	0	-5.14	-0.002933	±2.5	PASS
Band4	1513	NV	10	-4.96	-0.002830	±2.5	PASS
Band4	1513	NV	20	-6.23	-0.003555	±2.5	PASS
Band4	1513	NV	30	-0.53	-0.000302	±2.5	PASS
Band4	1513	NV	40	1.82	0.001038	±2.5	PASS
Band4	1513	NV	50	-6.36	-0.003629	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	NV	-30	-1.51	-0.001827	±2.5	PASS
Band5	4132	NV	-20	1.66	0.002009	±2.5	PASS
Band5	4132	NV	-10	-0.55	-0.000666	±2.5	PASS
Band5	4132	NV	0	4.78	0.005784	±2.5	PASS
Band5	4132	NV	10	0.53	0.000641	±2.5	PASS
Band5	4132	NV	20	-2.72	-0.003291	±2.5	PASS
Band5	4132	NV	30	2.27	0.002747	±2.5	PASS
Band5	4132	NV	40	2.49	0.003013	±2.5	PASS
Band5	4132	NV	50	-2.50	-0.003025	±2.5	PASS
Band5	4182	NV	-30	2.75	0.003288	±2.5	PASS
Band5	4182	NV	-20	-0.26	-0.000311	±2.5	PASS
Band5	4182	NV	-10	-1.31	-0.001566	±2.5	PASS
Band5	4182	NV	0	-0.73	-0.000873	±2.5	PASS
Band5	4182	NV	10	-0.37	-0.000442	±2.5	PASS
Band5	4182	NV	20	0.98	0.001172	±2.5	PASS
Band5	4182	NV	30	0.95	0.001136	±2.5	PASS
Band5	4182	NV	40	-0.27	-0.000323	±2.5	PASS
Band5	4182	NV	50	2.52	0.003013	±2.5	PASS
Band5	4233	NV	-30	3.52	0.004158	±2.5	PASS
Band5	4233	NV	-20	-1.04	-0.001228	±2.5	PASS
Band5	4233	NV	-10	-3.20	-0.003780	±2.5	PASS
Band5	4233	NV	0	2.47	0.002918	±2.5	PASS
Band5	4233	NV	10	-1.79	-0.002114	±2.5	PASS
Band5	4233	NV	20	2.37	0.002799	±2.5	PASS
Band5	4233	NV	30	-0.50	-0.000591	±2.5	PASS
Band5	4233	NV	40	2.29	0.002705	±2.5	PASS
Band5	4233	NV	50	-2.79	-0.003296	±2.5	PASS