Appendix Test Data

Report No.:	18220WC40091005	Test Sample No.:	1-2-2
Start Test Date:	2024.4.29	Finish Test Date:	2023.5.25
Test Engineer:	Hayman Chen	Auditor:	Justin Feng
Temperature:	24.3℃	Relative Humidity:	57 %
Pressure:	101 kPa		

Appendix A: Conducted Output Power

Test Result

Band	Channel	Power(dBm)	Limit(dBm)	Verdict
Band5	4132	22.86	38.45	PASS
Band5	4182	22.59	38.45	PASS
Band5	4233	22.75	38.45	PASS

Band	Channel	SubTest	Power(dBm)	Limit(dBm)	Verdict
Band5	4132	1	21.53	38.5	PASS
Band5	4182	1	21.21	38.5	PASS
Band5	4233	1	21.77	38.5	PASS
Band5	4132	2	21.42	38.5	PASS
Band5	4182	2	20.73	38.5	PASS
Band5	4233	2	21.19	38.5	PASS
Band5	4132	3	21.36	38.5	PASS
Band5	4182	3	21.07	38.5	PASS
Band5	4233	3	21.14	38.5	PASS
Band5	4132	4	21.45	38.5	PASS
Band5	4182	4	21.17	38.5	PASS
Band5	4233	4	21.26	38.5	PASS

Band	Channel	SubTest	Power(dBm)	Limit(dBm)	Verdict
Band5	4132	1	19.42	38.5	PASS
Band5	4182	1	19.19	38.5	PASS
Band5	4233	1	20.04	38.5	PASS
Band5	4132	2	19.84	38.5	PASS
Band5	4182	2	19.59	38.5	PASS
Band5	4233	2	20.08	38.5	PASS
Band5	4132	3	20.88	38.5	PASS

Band5	4182	3	20.61	38.5	PASS
Band5	4233	3	21.11	38.5	PASS
Band5	4132	4	19.35	38.5	PASS
Band5	4182	4	19.17	38.5	PASS
Band5	4233	4	19.61	38.5	PASS
Band5	4132	5	22.10	38.5	PASS
Band5	4182	5	21.64	38.5	PASS
Band5	4233	5	22.15	38.5	PASS

Appendix B:Peak-to-Average Ratio

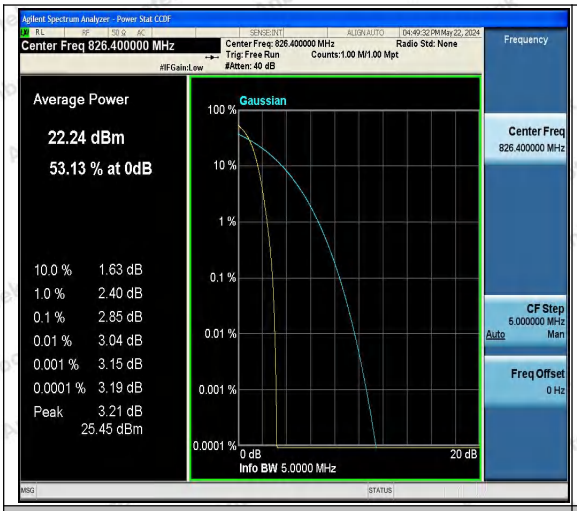
Test Result

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band5	4132	2.85	13	PASS
Band5	4182	2.75	13	PASS
Band5	4233	2.8	13	PASS

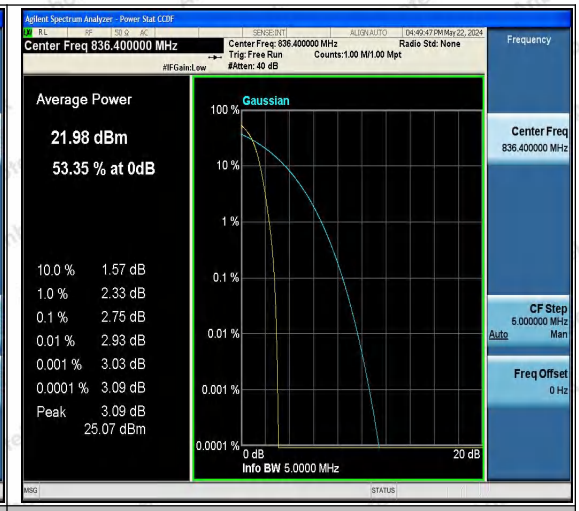
Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band5	4132	1	2.87	13	PASS
Band5	4182	1	2.81	13	PASS
Band5	4233	1	2.84	13	PASS
Band5	4132	2	3.65	13	PASS
Band5	4182	2	3.53	13	PASS
Band5	4233	2	3.63	13	PASS
Band5	4132	3	3.87	13	PASS
Band5	4182	3	3.72	13	PASS
Band5	4233	3	3.84	13	PASS
Band5	4132	4	3.9	13	PASS
Band5	4182	4	3.78	13	PASS
Band5	4233	4	3.89	13	PASS

Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band5	4132	1	4.21	13	PASS
Band5	4182	1	4.15	13	PASS
Band5	4233	1	4.19	13	PASS
Band5	4132	2	5.56	13	PASS
Band5	4182	2	5.47	13	PASS
Band5	4233	2	5.59	13	PASS
Band5	4132	3	5.06	13	PASS
Band5	4182	3	4.95	13	PASS
Band5	4233	3	5.07	13	PASS
Band5	4132	4	5.25	13	PASS
Band5	4182	4	5.23	13	PASS
Band5	4233	4	5.3	13	PASS
Band5	4132	5	4.03	13	PASS
Band5	4182	5	3.92	13	PASS
Band5	4233	5	4.02	13	PASS

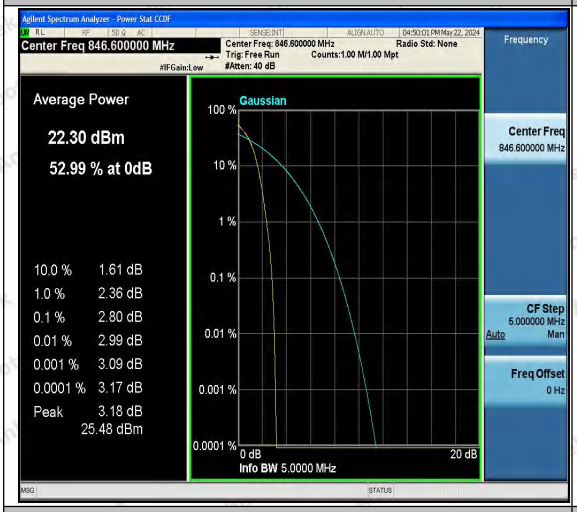
Test Graphs



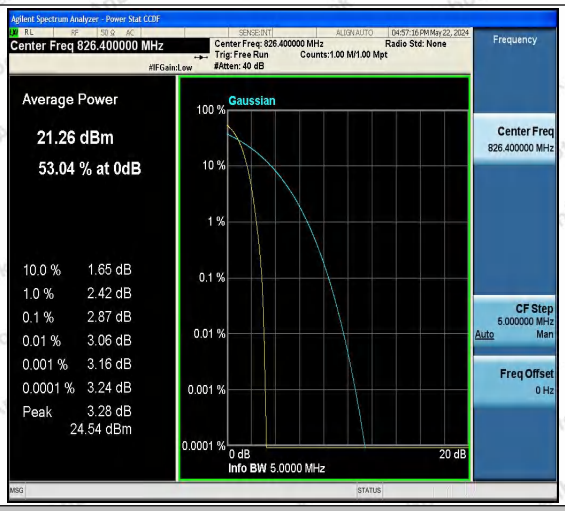
Band5-4132-PASS



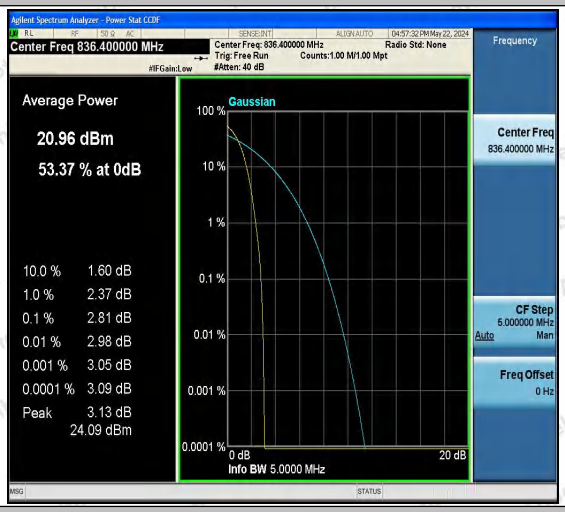
Band5-4182-PASS



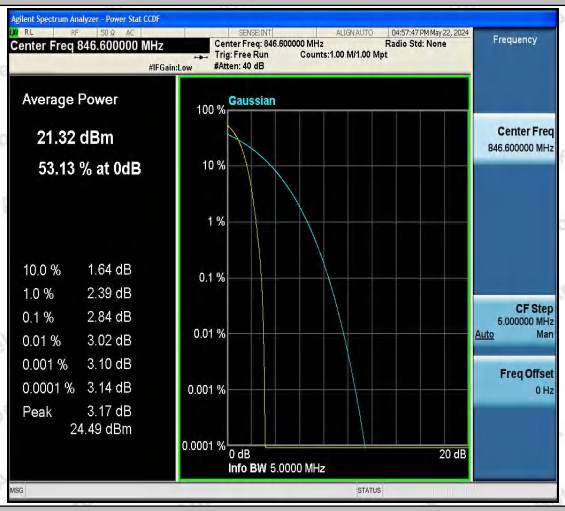
Band5-4233-PASS



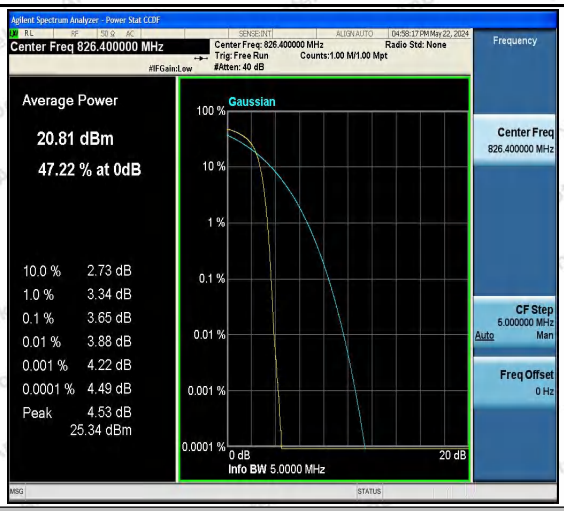
Band5-4132-1-PASS



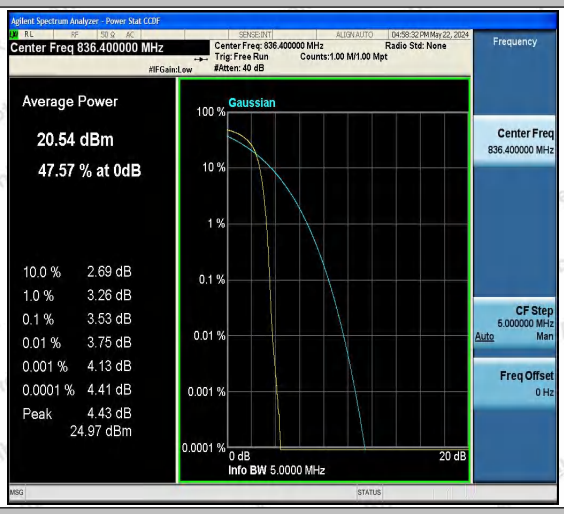
Band5-4182-1-PASS



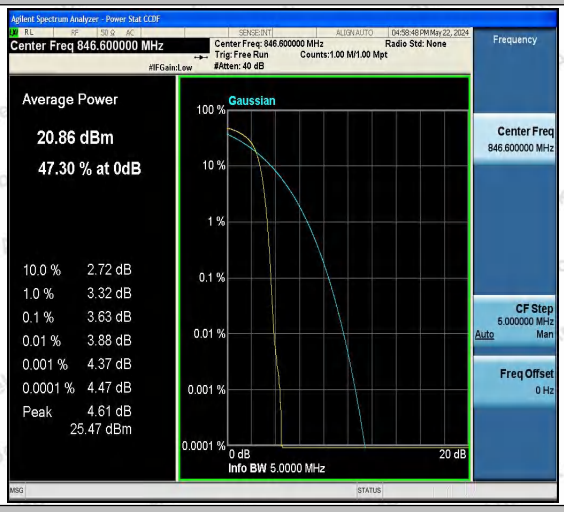
Band5-4233-1-PASS



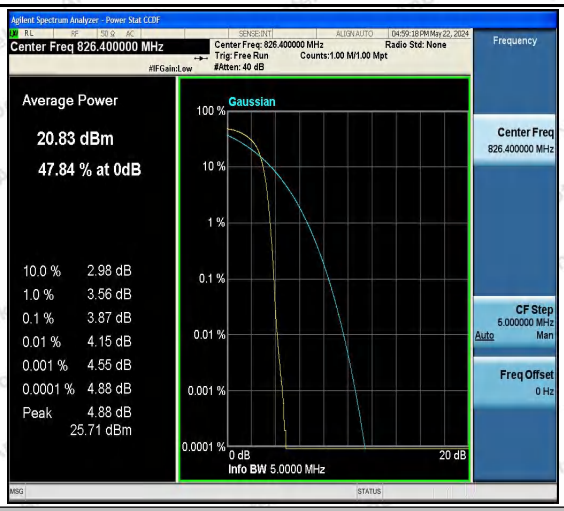
Band5-4132-2-PASS



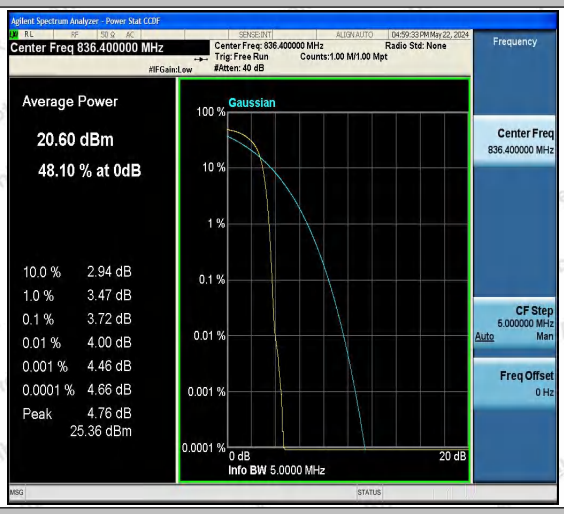
Band5-4182-2-PASS



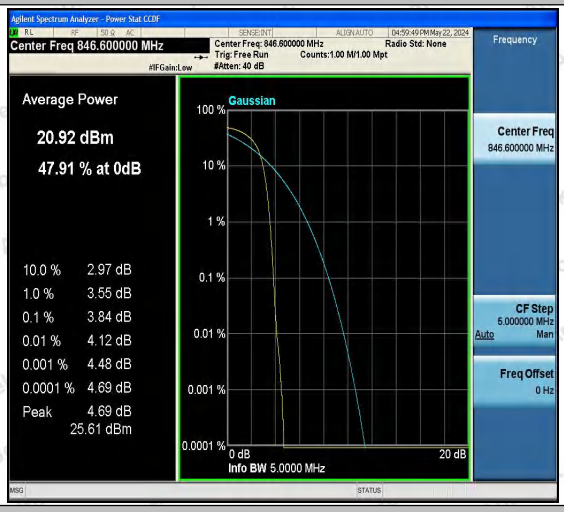
Band5-4233-2-PASS



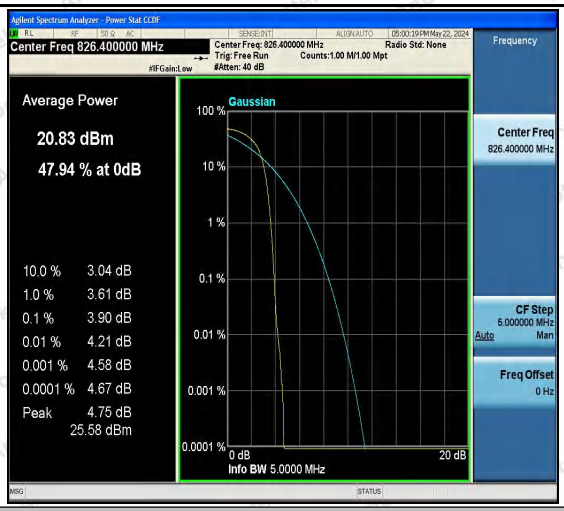
Band5-4132-3-PASS



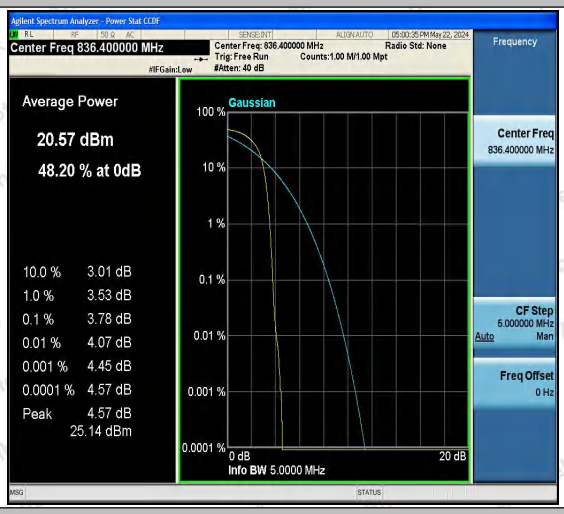
Band5-4182-3-PASS



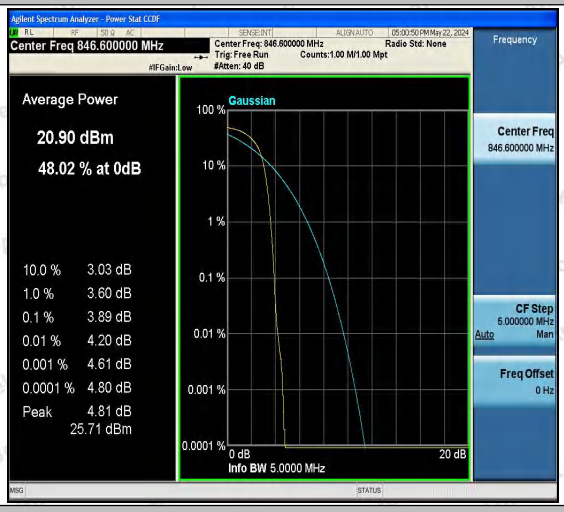
Band5-4233-3-PASS



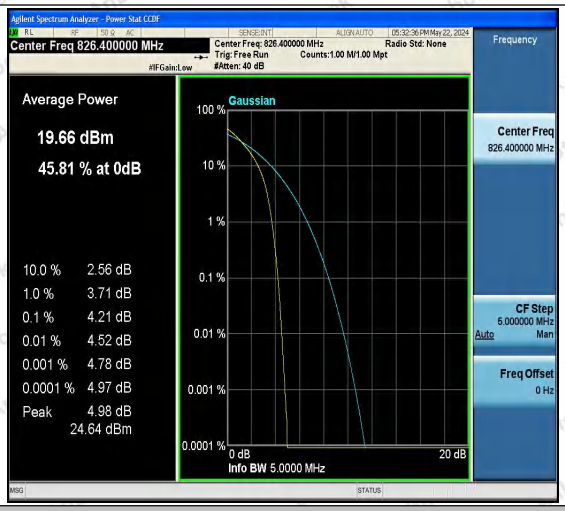
Band5-4132-4-PASS



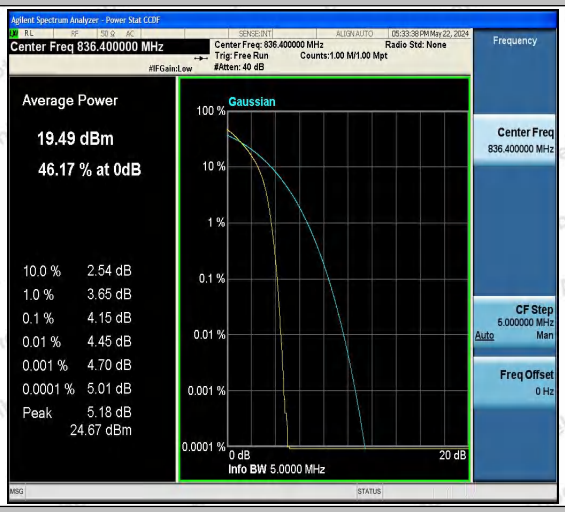
Band5-4182-4-PASS



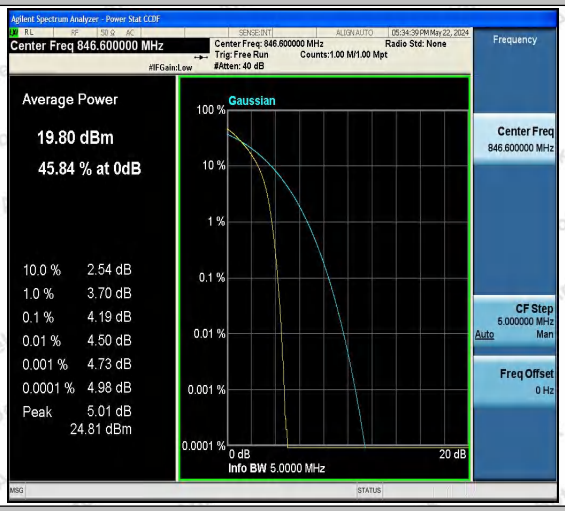
Band5-4233-4-PASS



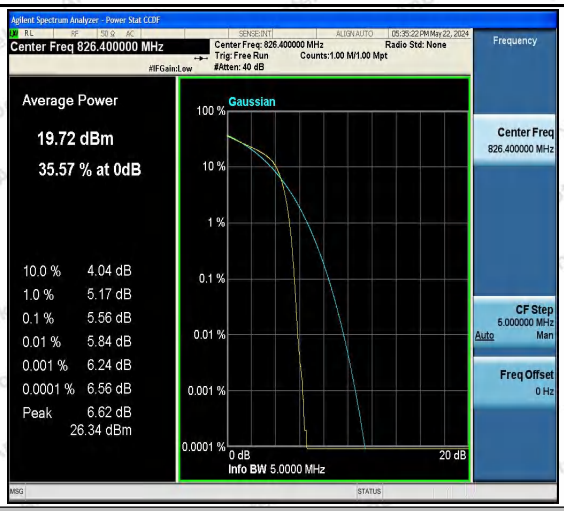
Band5-4132-1-PASS



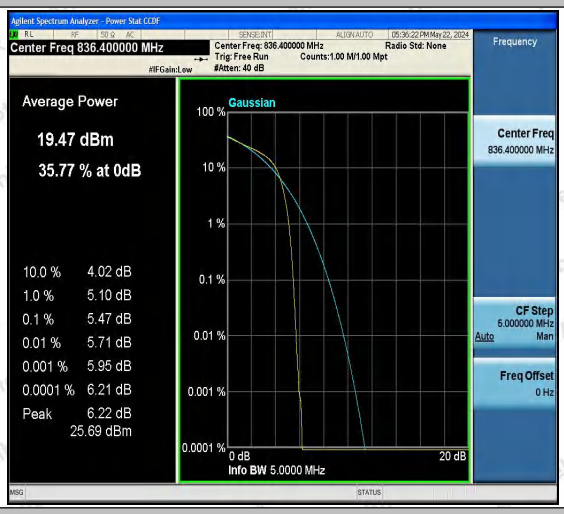
Band5-4182-1-PASS



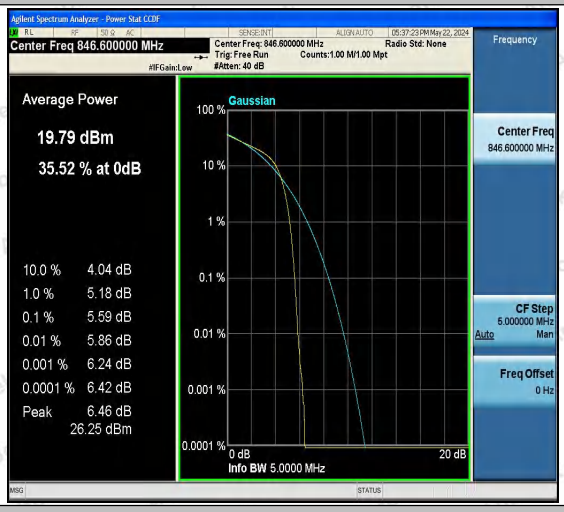
Band5-4233-1-PASS



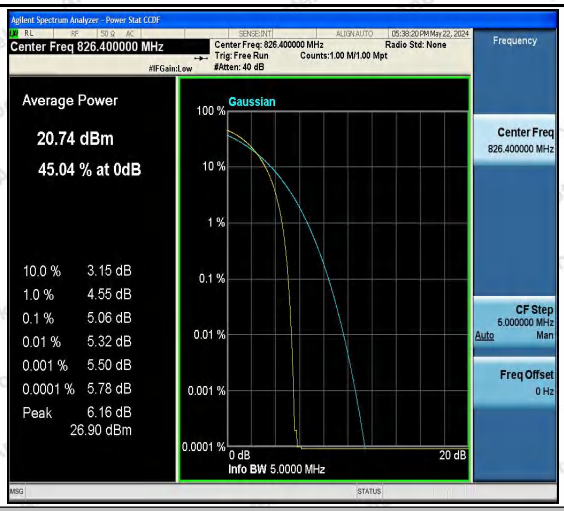
Band5-4132-2-PASS



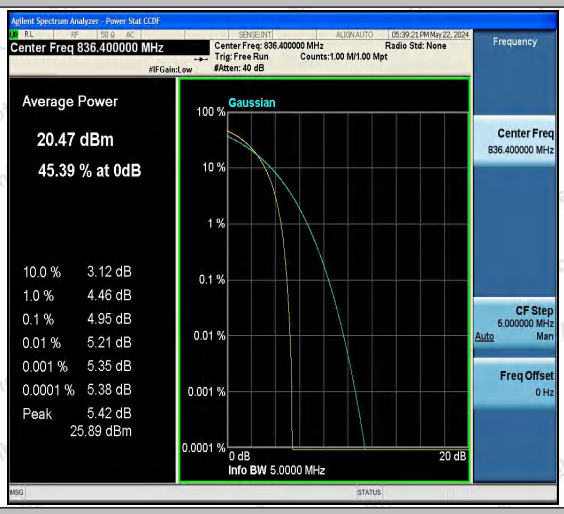
Band5-4182-2-PASS



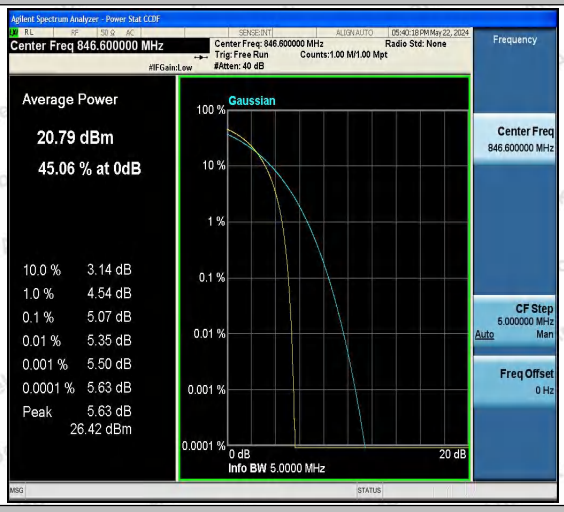
Band5-4233-2-PASS



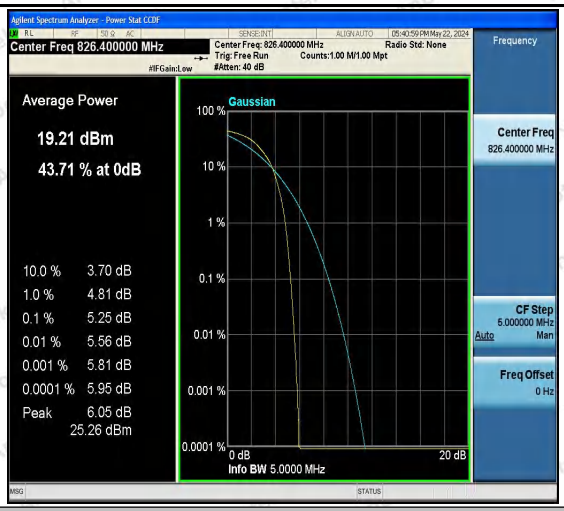
Band5-4132-3-PASS



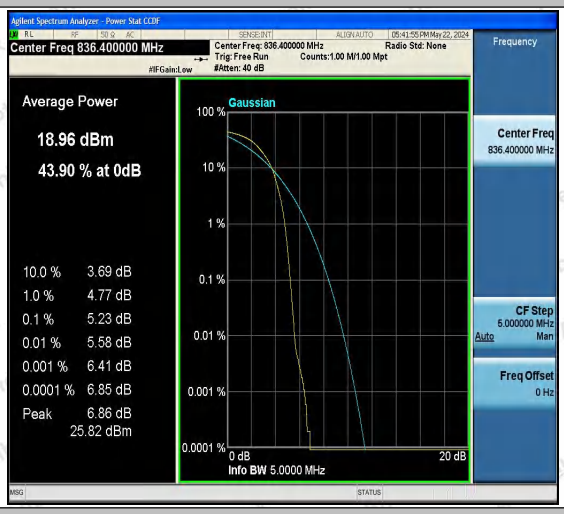
Band5-4182-3-PASS



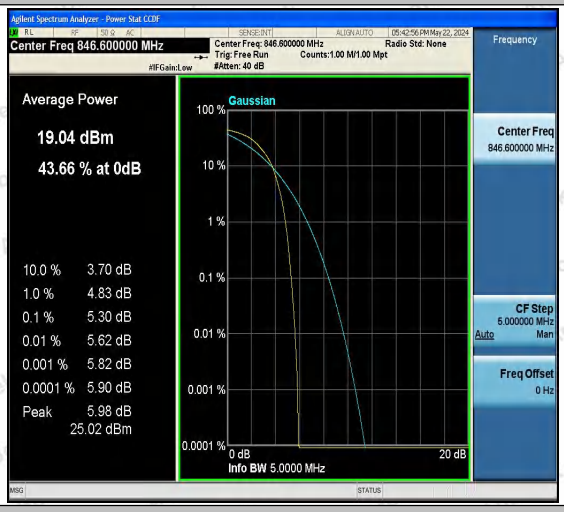
Band5-4233-3-PASS



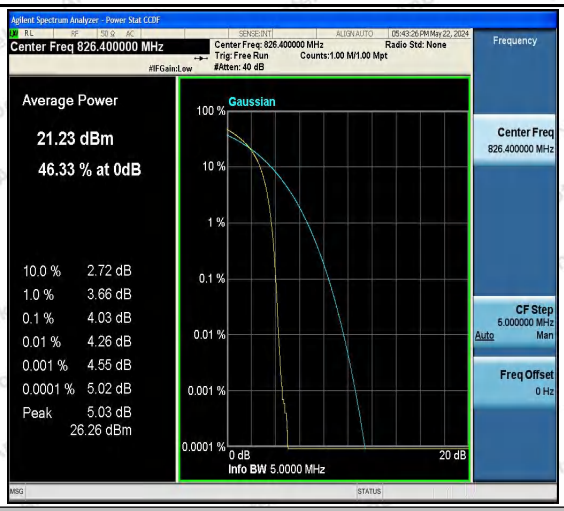
Band5-4132-4-PASS



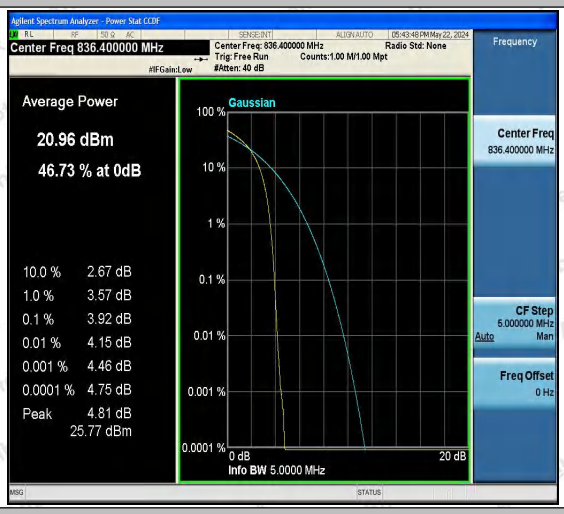
Band5-4182-4-PASS



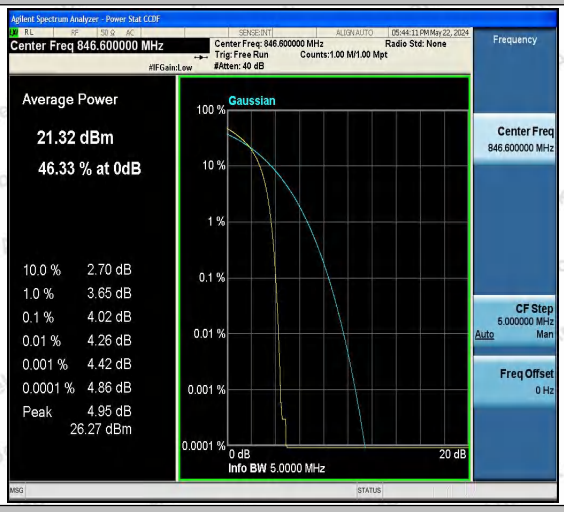
Band5-4233-4-PASS



Band5-4132-5-PASS



Band5-4182-5-PASS



Band5-4233-5-PASS

Appendix C:26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(kHz)	Verdict
Band5	4132	4.2096	4.872	---	PASS
Band5	4182	4.2046	4.874	---	PASS
Band5	4233	4.2107	4.873	---	PASS

Band	Channel	SubTest	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(kHz)	Verdict
Band5	4132	1	4.2045	4.850	---	PASS
Band5	4182	1	4.2057	4.872	---	PASS
Band5	4233	1	4.2111	4.863	---	PASS
Band5	4132	2	4.2100	4.848	---	PASS
Band5	4182	2	4.1993	4.843	---	PASS
Band5	4233	2	4.2141	4.857	---	PASS
Band5	4132	3	4.2143	4.887	---	PASS
Band5	4182	3	4.2000	4.859	---	PASS
Band5	4233	3	4.2147	4.877	---	PASS
Band5	4132	4	4.2319	4.882	---	PASS
Band5	4182	4	4.1978	4.857	---	PASS
Band5	4233	4	4.2173	4.864	---	PASS

Band	Channel	SubTest	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(kHz)	Verdict
Band5	4132	1	4.2242	4.879	---	PASS
Band5	4182	1	4.2187	4.864	---	PASS
Band5	4233	1	4.2265	4.881	---	PASS
Band5	4132	2	4.2291	4.862	---	PASS
Band5	4182	2	4.2206	4.875	---	PASS
Band5	4233	2	4.2255	4.887	---	PASS
Band5	4132	3	4.2404	4.900	---	PASS
Band5	4182	3	4.2262	4.887	---	PASS
Band5	4233	3	4.2326	4.895	---	PASS
Band5	4132	4	4.2237	4.885	---	PASS
Band5	4182	4	4.2154	4.878	---	PASS

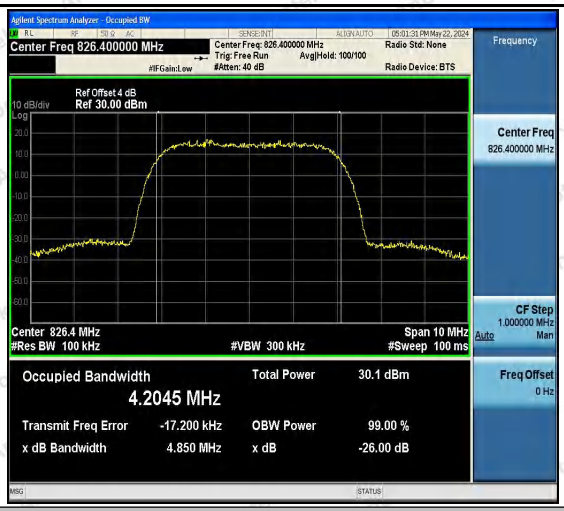
Band5	4233	4	4.2292	4.900	---	PASS
Band5	4132	5	4.2062	4.868	---	PASS
Band5	4182	5	4.2130	4.881	---	PASS
Band5	4233	5	4.2103	4.868	---	PASS

Test Graphs

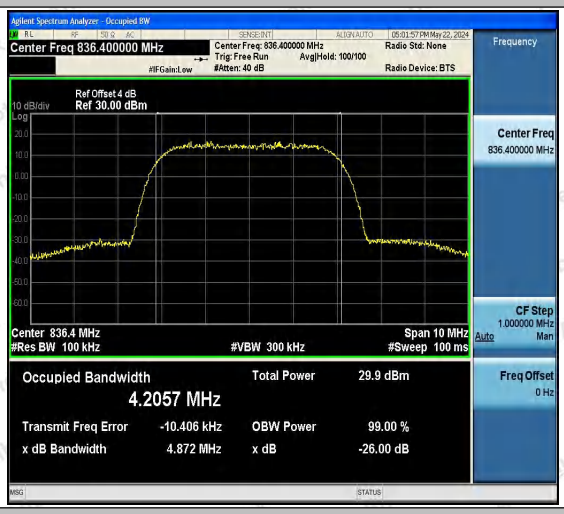
Band5-4132-PASS

Band5-4182-PASS

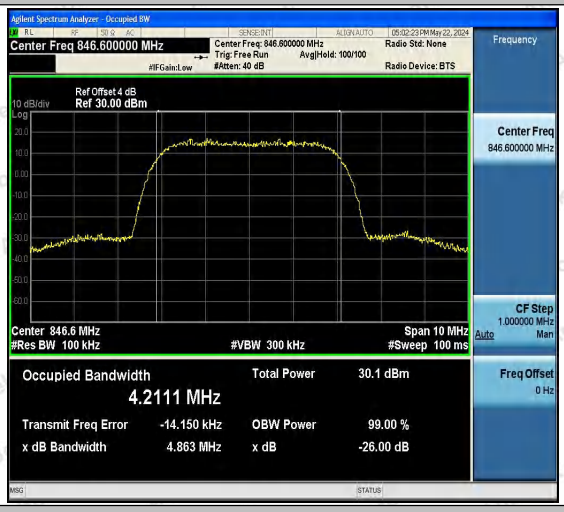
Band5-4233-PASS



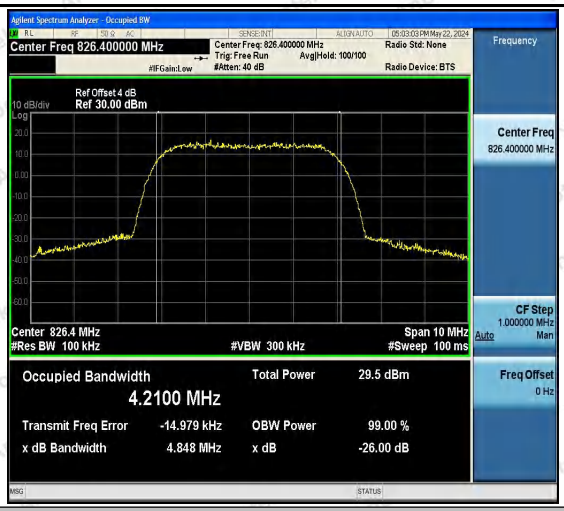
Band5-4132-1-PASS



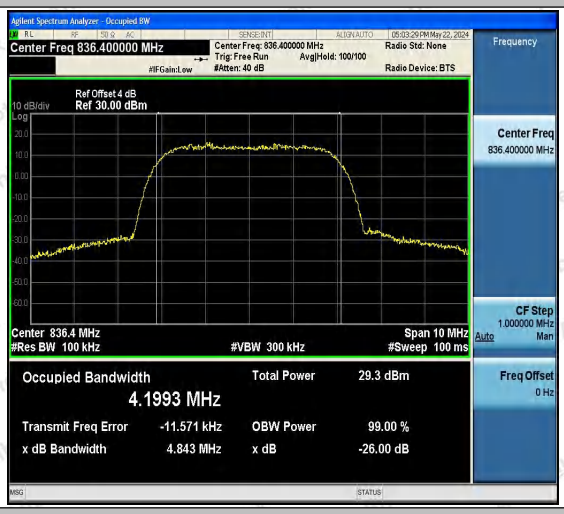
Band5-4182-1-PASS



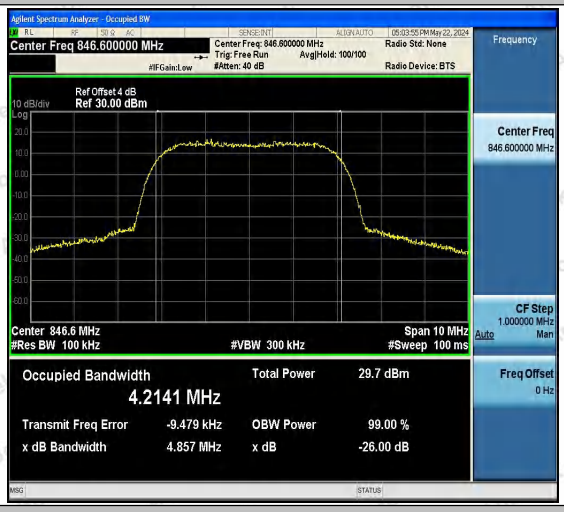
Band5-4233-1-PASS



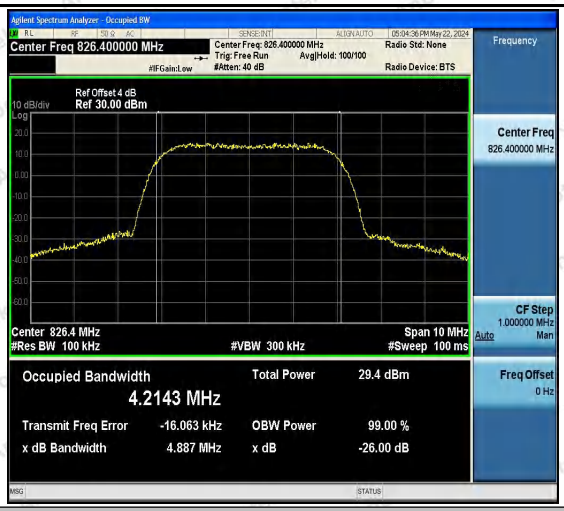
Band5-4132-2-PASS



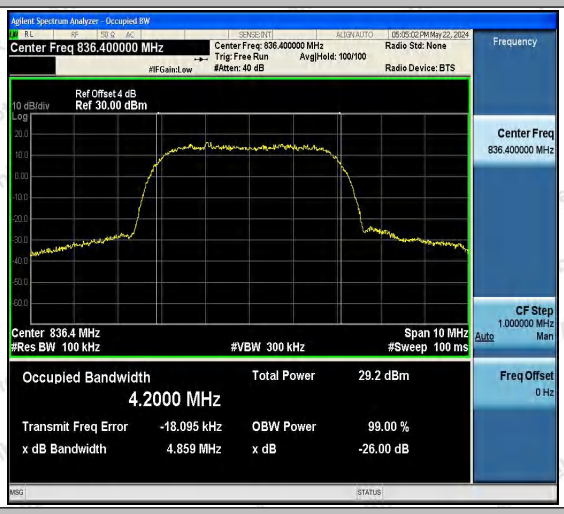
Band5-4182-2-PASS



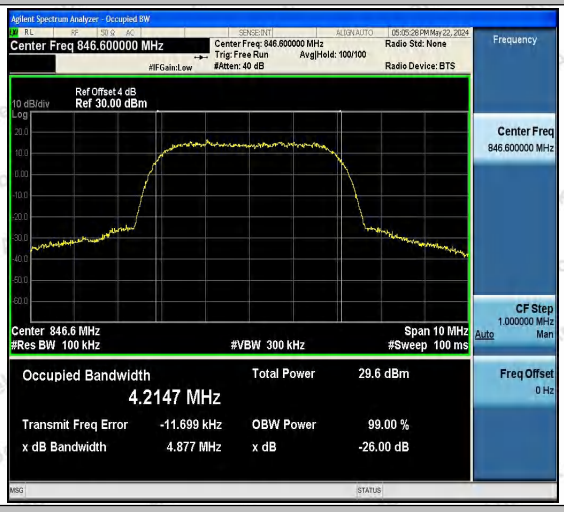
Band5-4233-2-PASS



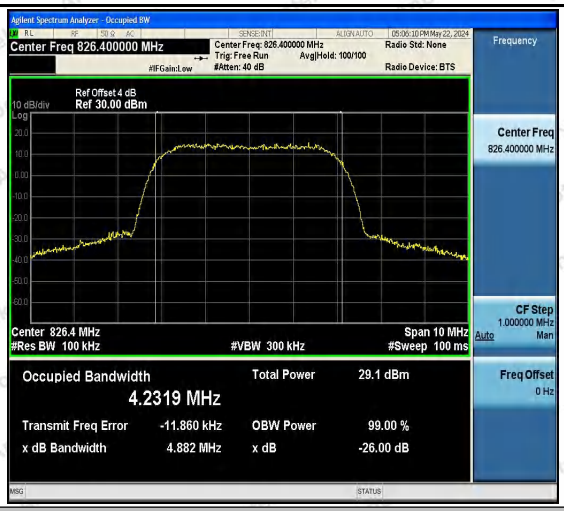
Band5-4132-3-PASS



Band5-4182-3-PASS

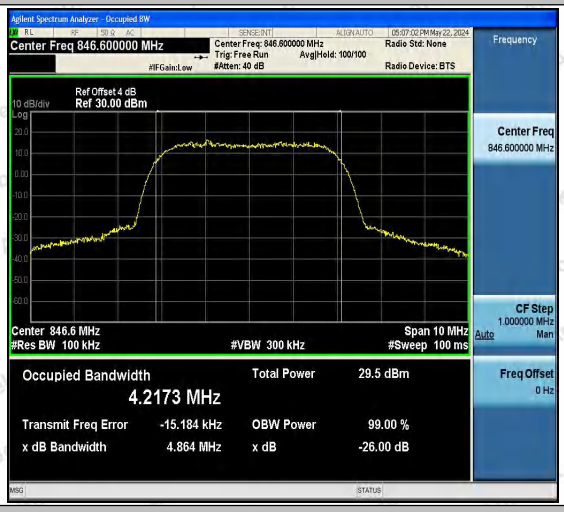


Band5-4233-3-PASS

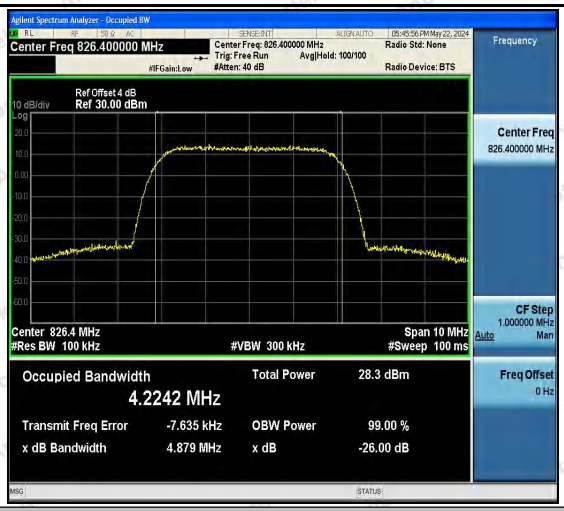


Band5-4132-4-PASS

Band5-4182-4-PASS



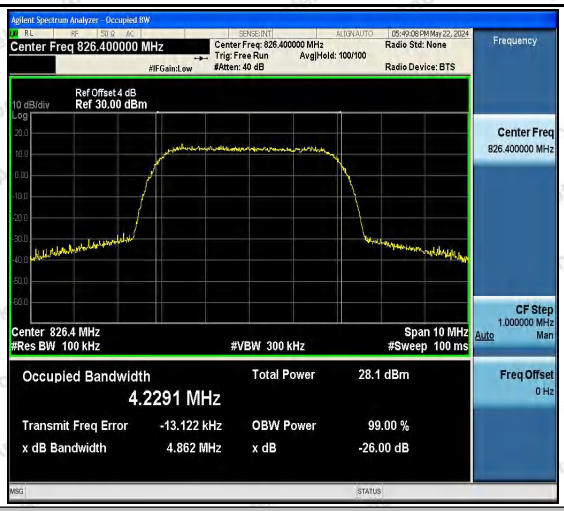
Band5-4233-4-PASS



Band5-4132-1-PASS

Band5-4182-1-PASS

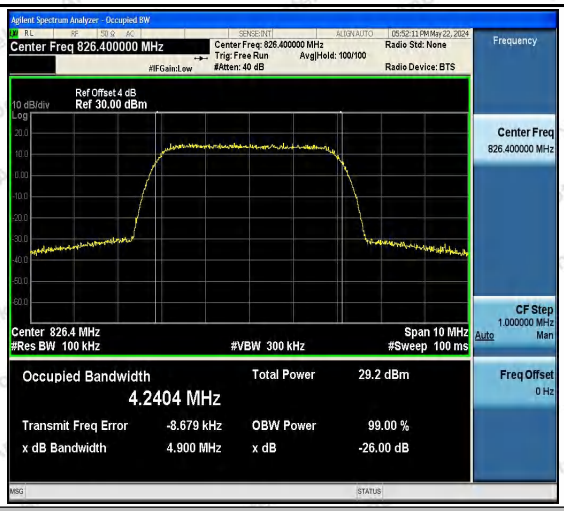
Band5-4233-1-PASS



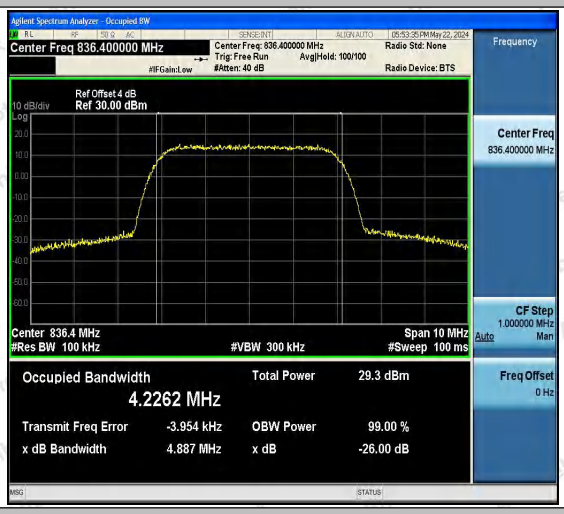
Band5-4132-2-PASS

Band5-4182-2-PASS

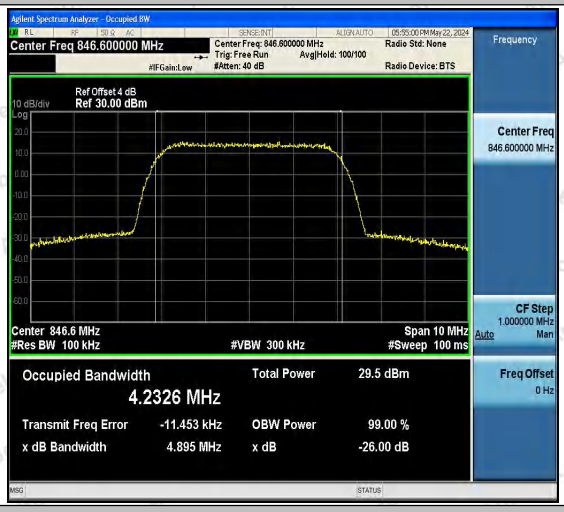
Band5-4233-2-PASS



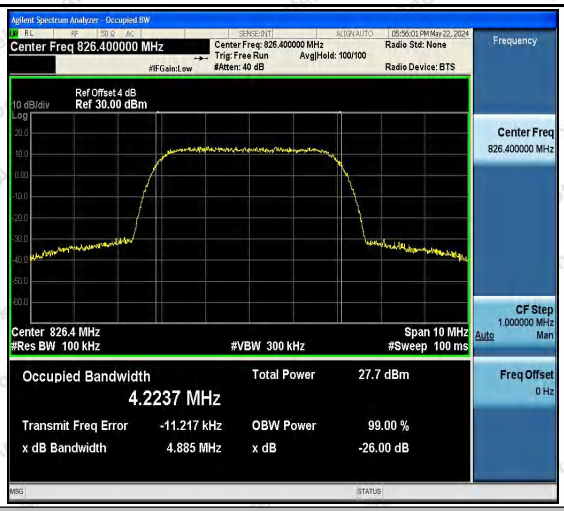
Band5-4132-3-PASS



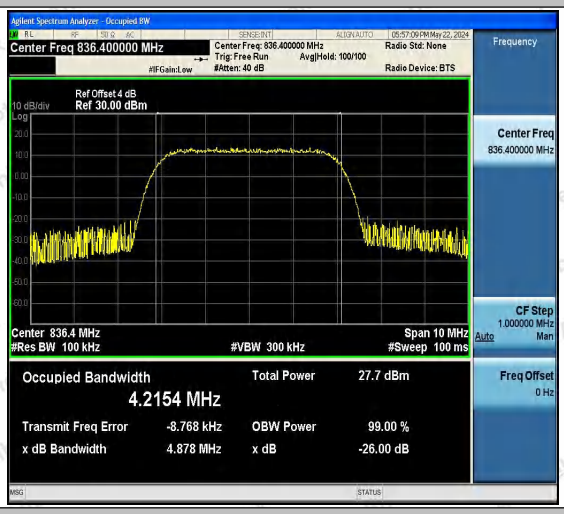
Band5-4182-3-PASS



Band5-4233-3-PASS

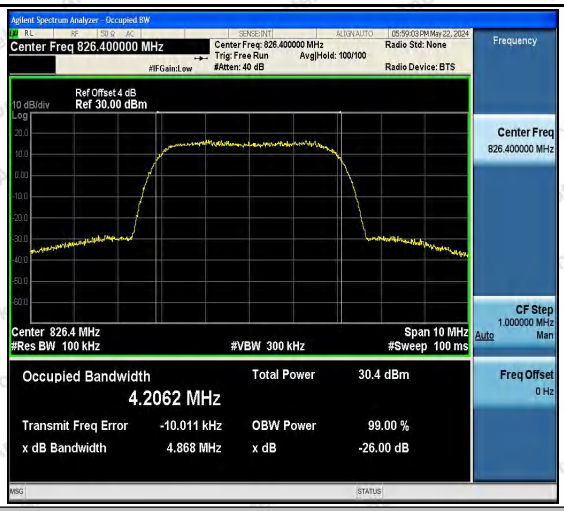


Band5-4132-4-PASS

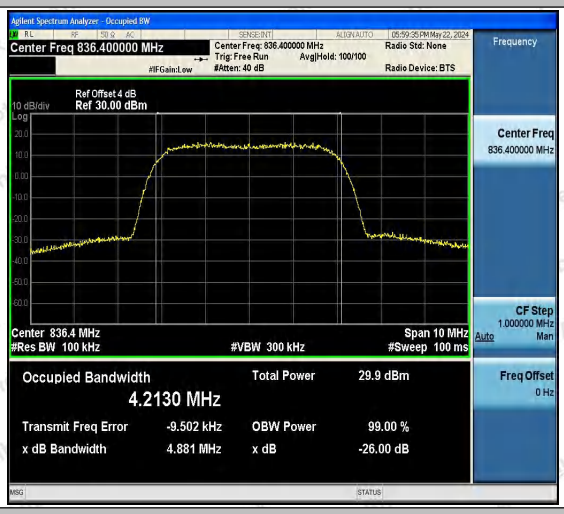


Band5-4182-4-PASS

Band5-4233-4-PASS



Band5-4132-5-PASS



Band5-4182-5-PASS

Band5-4233-5-PASS

Appendix D:Band Edge

Test Result

Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band5	4132	824.00	-17.67	-13	PASS
Band5	4233	849.00	-18.46	-13	PASS

Band	Channel	SubTest	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band5	4132	1	824.00	-18.32	-13	PASS
Band5	4233	1	849.00	-19.36	-13	PASS
Band5	4132	2	824.00	-19.01	-13	PASS
Band5	4233	2	849.00	-19.58	-13	PASS
Band5	4132	3	824.00	-19.07	-13	PASS
Band5	4233	3	849.00	-19.47	-13	PASS
Band5	4132	4	824.00	-18.90	-13	PASS
Band5	4233	4	849.00	-19.61	-13	PASS

Band	Channel	SubTest	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band5	4132	1	824.00	-19.94	-13	PASS
Band5	4233	1	849.00	-20.80	-13	PASS
Band5	4132	2	824.00	-20.29	-13	PASS
Band5	4233	2	849.00	-20.65	-13	PASS
Band5	4132	3	824.00	-19.39	-13	PASS
Band5	4233	3	849.00	-19.65	-13	PASS
Band5	4132	4	824.00	-20.64	-13	PASS
Band5	4233	4	849.00	-21.07	-13	PASS
Band5	4132	5	824.00	-18.24	-13	PASS
Band5	4233	5	849.00	-18.94	-13	PASS

Test Graphs

Band5-4132-PASS

Band5-4233-PASS

Band5-4132-1-PASS

Band5-4233-1-PASS

Band5-4132-2-PASS

Band5-4233-2-PASS

Band5-4132-3-PASS

Band5-4233-3-PASS

Band5-4132-4-PASS

Band5-4233-4-PASS

Band5-4132-1-PASS

Band5-4233-1-PASS

Band5-4132-2-PASS

Band5-4233-2-PASS

Band5-4132-3-PASS

Band5-4233-3-PASS

Band5-4132-4-PASS

Band5-4233-4-PASS

Band5-4132-5-PASS

Band5-4233-5-PASS

Appendix E:Conducted SpuriousEmission

Test Result

Band	Channel	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band5	4132	0.009~0.15MHz	0.01	-44.66	-33	PASS
Band5	4132	0.15~30MHz	0.15	-54.25	-23	PASS
Band5	4132	30~1000MHz	948.11	-60.68	-13	PASS
Band5	4132	1000~10000MHz	5176.45	-47.04	-13	PASS
Band5	4182	0.009~0.15MHz	0.01	-48.17	-33	PASS
Band5	4182	0.15~30MHz	0.15	-53.2	-23	PASS
Band5	4182	30~1000MHz	979.15	-61.24	-13	PASS
Band5	4182	1000~10000MHz	5636.8	-46.88	-13	PASS
Band5	4233	0.009~0.15MHz	0.01	-48.32	-33	PASS
Band5	4233	0.15~30MHz	0.15	-52.84	-23	PASS
Band5	4233	30~1000MHz	960.23	-60.87	-13	PASS
Band5	4233	1000~10000MHz	5641.75	-46.79	-13	PASS

Band	Channel	SubTest	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band5	4132	1	0.009~0.15MHz	0.01	-47.53	-33	PASS
Band5	4132	1	0.15~30MHz	0.18	-54.79	-23	PASS
Band5	4132	1	30~1000MHz	929.68	-60.86	-13	PASS
Band5	4132	1	1000~10000MHz	5929.3	-46.98	-13	PASS
Band5	4182	1	0.009~0.15MHz	0.01	-46.53	-33	PASS
Band5	4182	1	0.15~30MHz	0.15	-56.5	-23	PASS
Band5	4182	1	30~1000MHz	984.97	-60.88	-13	PASS
Band5	4182	1	1000~10000MHz	5657.5	-47.07	-13	PASS
Band5	4233	1	0.009~0.15MHz	0.01	-45.57	-33	PASS
Band5	4233	1	0.15~30MHz	0.15	-55.92	-23	PASS
Band5	4233	1	30~1000MHz	948.59	-61.17	-13	PASS
Band5	4233	1	1000~10000MHz	5645.8	-47.24	-13	PASS
Band5	4132	2	0.009~0.15MHz	0.01	-46.86	-33	PASS
Band5	4132	2	0.15~30MHz	0.15	-54.93	-23	PASS
Band5	4132	2	30~1000MHz	928.22	-61.08	-13	PASS
Band5	4132	2	1000~10000MHz	5540.05	-46.93	-13	PASS
Band5	4182	2	0.009~0.15MHz	0.01	-47.31	-33	PASS
Band5	4182	2	0.15~30MHz	0.15	-54.3	-23	PASS
Band5	4182	2	30~1000MHz	726.95	-60.97	-13	PASS
Band5	4182	2	1000~10000MHz	7160.05	-47.19	-13	PASS
Band5	4233	2	0.009~0.15MHz	0.01	-45.57	-33	PASS
Band5	4233	2	0.15~30MHz	0.15	-53.29	-23	PASS

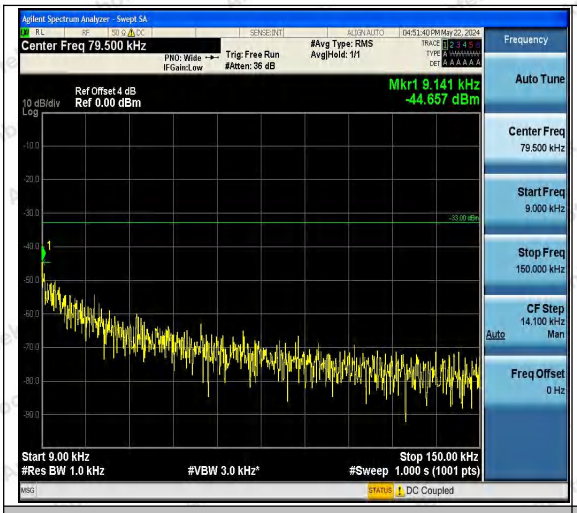
Band5	4233	2	30~1000MHz	952.96	-60.78	-13	PASS
Band5	4233	2	1000~10000MHz	5945.5	-47.02	-13	PASS
Band5	4132	3	0.009~0.15MHz	0.01	-47.76	-33	PASS
Band5	4132	3	0.15~30MHz	0.15	-55.69	-23	PASS
Band5	4132	3	30~1000MHz	937.44	-60.75	-13	PASS
Band5	4132	3	1000~10000MHz	5656.6	-46.98	-13	PASS
Band5	4182	3	0.009~0.15MHz	0.01	-46.85	-33	PASS
Band5	4182	3	0.15~30MHz	0.15	-53.22	-23	PASS
Band5	4182	3	30~1000MHz	710.94	-61.15	-13	PASS
Band5	4182	3	1000~10000MHz	5623.3	-47.19	-13	PASS
Band5	4233	3	0.009~0.15MHz	0.01	-47.08	-33	PASS
Band5	4233	3	0.15~30MHz	0.15	-53.65	-23	PASS
Band5	4233	3	30~1000MHz	684.75	-60.86	-13	PASS
Band5	4233	3	1000~10000MHz	5566.15	-46.94	-13	PASS
Band5	4132	4	0.009~0.15MHz	0.01	-46.65	-33	PASS
Band5	4132	4	0.15~30MHz	0.15	-54.51	-23	PASS
Band5	4132	4	30~1000MHz	1000	-60.3	-13	PASS
Band5	4132	4	1000~10000MHz	5615.2	-46.84	-13	PASS
Band5	4182	4	0.009~0.15MHz	0.01	-47.53	-33	PASS
Band5	4182	4	0.15~30MHz	0.15	-55.05	-23	PASS
Band5	4182	4	30~1000MHz	937.44	-60.8	-13	PASS
Band5	4182	4	1000~10000MHz	5540.95	-46.95	-13	PASS
Band5	4233	4	0.009~0.15MHz	0.01	-44.27	-33	PASS
Band5	4233	4	0.15~30MHz	0.15	-54.72	-23	PASS
Band5	4233	4	30~1000MHz	960.23	-61.15	-13	PASS
Band5	4233	4	1000~10000MHz	6055.3	-47.15	-13	PASS

Band	Channel	SubTest	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band5	4132	1	0.009~0.15MHz	0.01	-48.13	-33	PASS
Band5	4132	1	0.15~30MHz	0.15	-51.81	-23	PASS
Band5	4132	1	30~1000MHz	937.44	-60.92	-13	PASS
Band5	4132	1	1000~10000MHz	5927.5	-46.88	-13	PASS
Band5	4182	1	0.009~0.15MHz	0.01	-46.02	-33	PASS
Band5	4182	1	0.15~30MHz	0.15	-54.69	-23	PASS
Band5	4182	1	30~1000MHz	936.47	-61.01	-13	PASS
Band5	4182	1	1000~10000MHz	5986.9	-47.13	-13	PASS
Band5	4233	1	0.009~0.15MHz	0.01	-45.79	-33	PASS
Band5	4233	1	0.15~30MHz	0.15	-55.56	-23	PASS
Band5	4233	1	30~1000MHz	968.96	-61.08	-13	PASS
Band5	4233	1	1000~10000MHz	5661.1	-47.11	-13	PASS

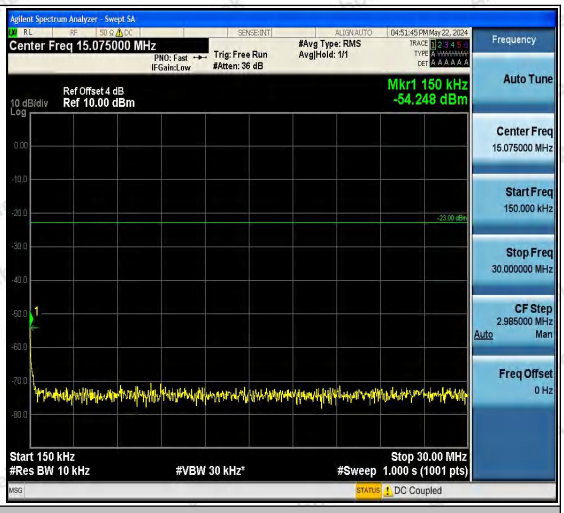
Band5	4132	2	0.009~0.15MHz	0.01	-45.93	-33	PASS
Band5	4132	2	0.15~30MHz	0.15	-55.16	-23	PASS
Band5	4132	2	30~1000MHz	928.22	-60.89	-13	PASS
Band5	4132	2	1000~10000MHz	5664.25	-46.83	-13	PASS
Band5	4182	2	0.009~0.15MHz	0.01	-47.53	-33	PASS
Band5	4182	2	0.15~30MHz	0.15	-53.31	-23	PASS
Band5	4182	2	30~1000MHz	984.48	-61.37	-13	PASS
Band5	4182	2	1000~10000MHz	5858.65	-47.01	-13	PASS
Band5	4233	2	0.009~0.15MHz	0.01	-45.53	-33	PASS
Band5	4233	2	0.15~30MHz	0.15	-53.62	-23	PASS
Band5	4233	2	30~1000MHz	959.26	-60.65	-13	PASS
Band5	4233	2	1000~10000MHz	5657.05	-46.82	-13	PASS
Band5	4132	3	0.009~0.15MHz	0.01	-47.59	-33	PASS
Band5	4132	3	0.15~30MHz	0.18	-54.72	-23	PASS
Band5	4132	3	30~1000MHz	964.6	-61.08	-13	PASS
Band5	4132	3	1000~10000MHz	5520.7	-46.88	-13	PASS
Band5	4182	3	0.009~0.15MHz	0.01	-45.92	-33	PASS
Band5	4182	3	0.15~30MHz	0.15	-55.86	-23	PASS
Band5	4182	3	30~1000MHz	993.7	-61.15	-13	PASS
Band5	4182	3	1000~10000MHz	5508.1	-46.91	-13	PASS
Band5	4233	3	0.009~0.15MHz	0.01	-44.01	-33	PASS
Band5	4233	3	0.15~30MHz	0.15	-54.39	-23	PASS
Band5	4233	3	30~1000MHz	983.51	-61	-13	PASS
Band5	4233	3	1000~10000MHz	5594.05	-46.88	-13	PASS
Band5	4132	4	0.009~0.15MHz	0.01	-46.2	-33	PASS
Band5	4132	4	0.15~30MHz	0.15	-53.67	-23	PASS
Band5	4132	4	30~1000MHz	933.07	-61.06	-13	PASS
Band5	4132	4	1000~10000MHz	5598.1	-46.62	-13	PASS
Band5	4182	4	0.009~0.15MHz	0.01	-46.61	-33	PASS
Band5	4182	4	0.15~30MHz	0.15	-54.47	-23	PASS
Band5	4182	4	30~1000MHz	937.44	-60.78	-13	PASS
Band5	4182	4	1000~10000MHz	5512.15	-47.05	-13	PASS
Band5	4233	4	0.009~0.15MHz	0.01	-47.1	-33	PASS
Band5	4233	4	0.15~30MHz	0.15	-52.91	-23	PASS
Band5	4233	4	30~1000MHz	948.11	-61.26	-13	PASS
Band5	4233	4	1000~10000MHz	5883.4	-46.91	-13	PASS
Band5	4132	5	0.009~0.15MHz	0.01	-48.41	-33	PASS
Band5	4132	5	0.15~30MHz	0.15	-53.87	-23	PASS
Band5	4132	5	30~1000MHz	943.74	-60.92	-13	PASS
Band5	4132	5	1000~10000MHz	5199.4	-47.13	-13	PASS
Band5	4182	5	0.009~0.15MHz	0.01	-47.73	-33	PASS
Band5	4182	5	0.15~30MHz	0.15	-54.64	-23	PASS

Band5	4182	5	30~1000MHz	937.92	-61.09	-13	PASS
Band5	4182	5	1000~10000MHz	5481.55	-46.64	-13	PASS
Band5	4233	5	0.009~0.15MHz	0.01	-45.54	-33	PASS
Band5	4233	5	0.15~30MHz	0.15	-54.69	-23	PASS
Band5	4233	5	30~1000MHz	982.54	-61.29	-13	PASS
Band5	4233	5	1000~10000MHz	5660.65	-47.07	-13	PASS

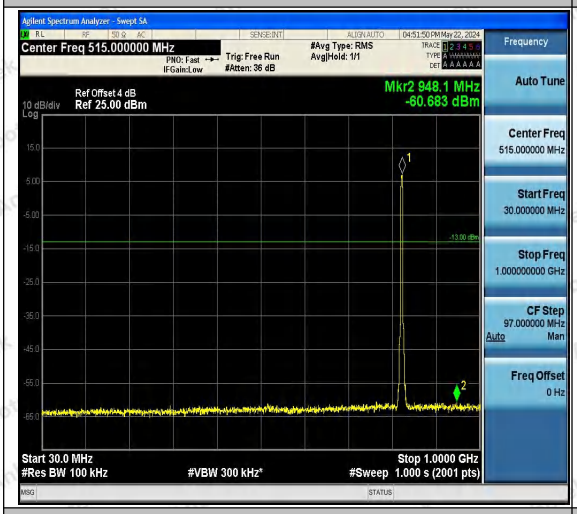
Test Graphs



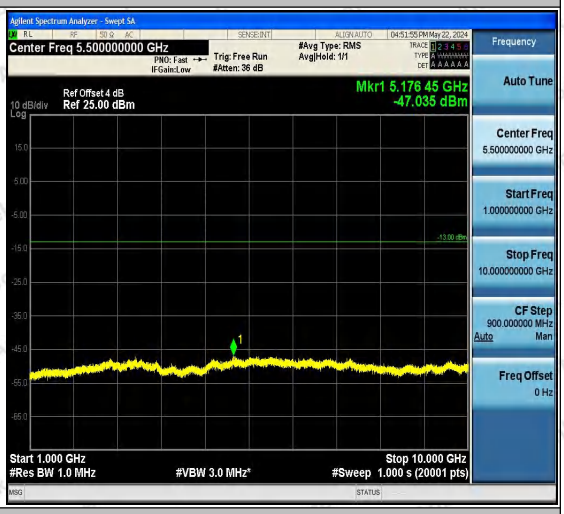
Band5-4132-0.009~0.15MHz-PASS



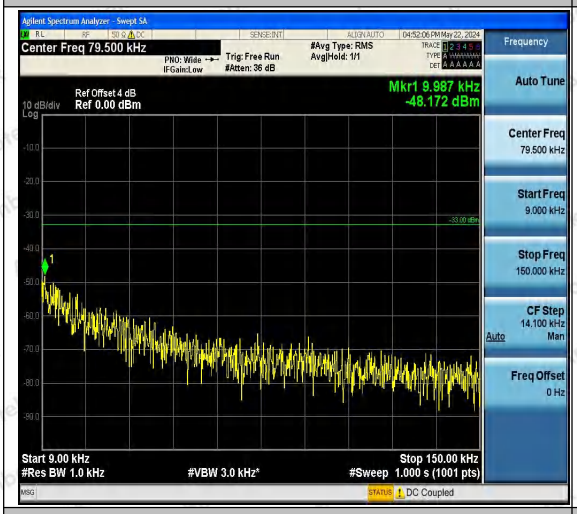
Band5-4132-0.15~30MHz-PASS



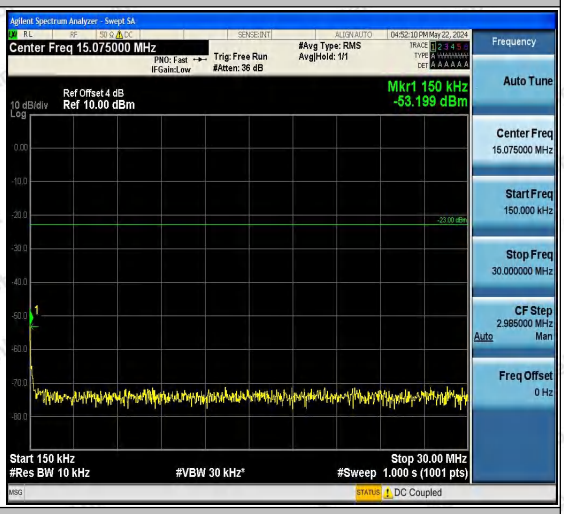
Band5-4132-30~1000MHz-PASS



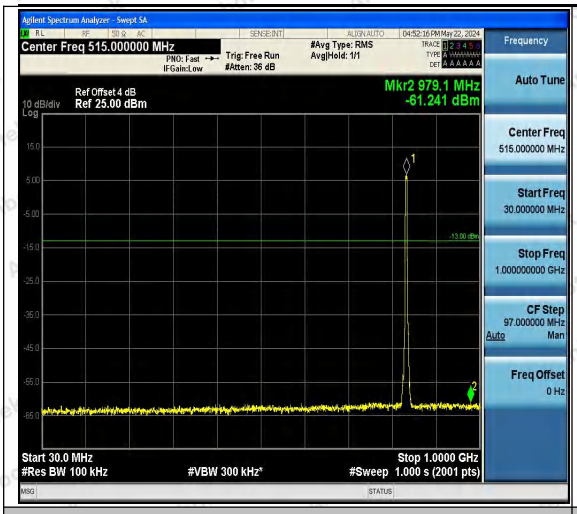
Band5-4132-1000~10000MHz-PASS



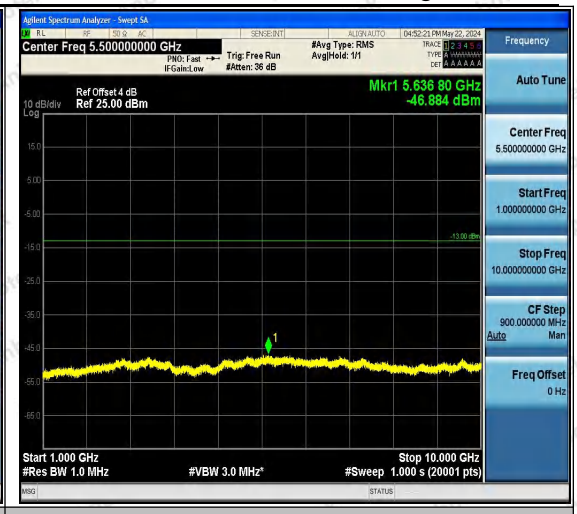
Band5-4182-0.009~0.15MHz-PASS



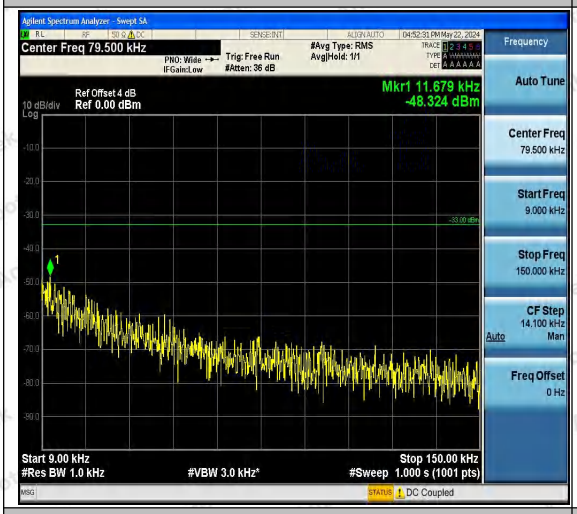
Band5-4182-0.15~30MHz-PASS



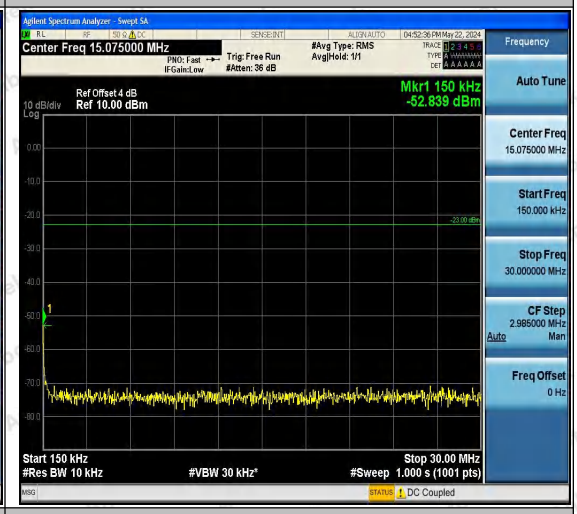
Band5-4182-30~1000MHz-PASS



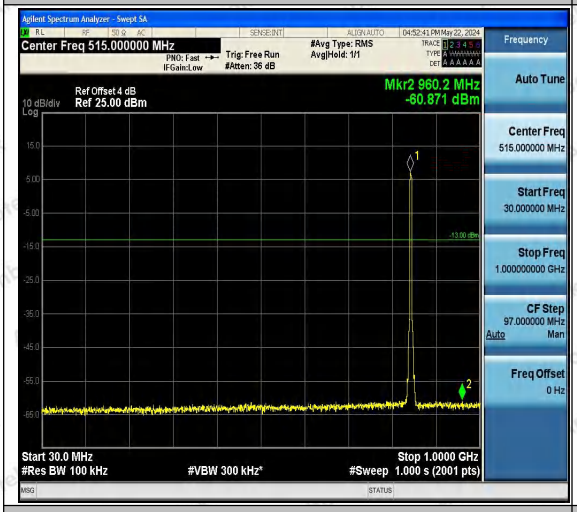
Band5-4182-1000~10000MHz-PASS



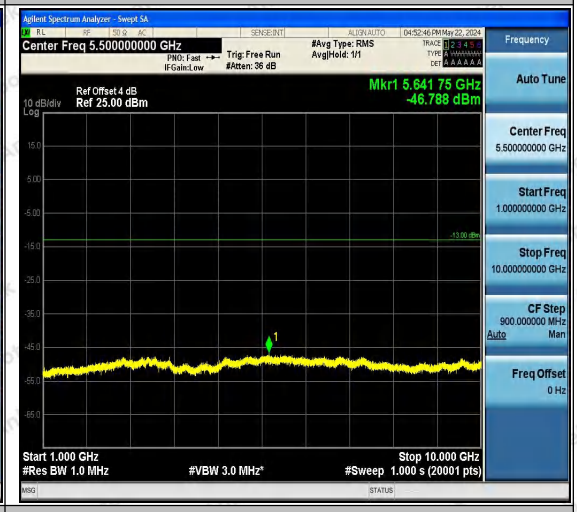
Band5-4233-0.009~0.15MHz-PASS



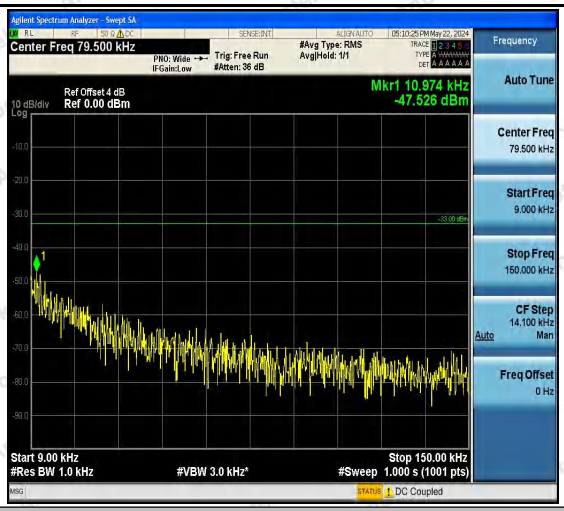
Band5-4233-0.15~30MHz-PASS



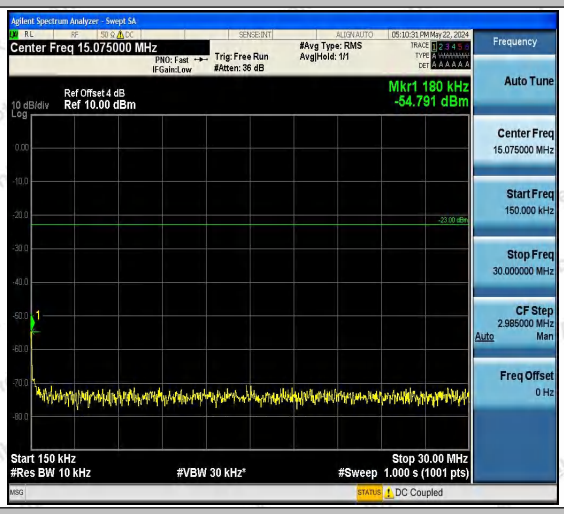
Band5-4233-30~1000MHz-PASS



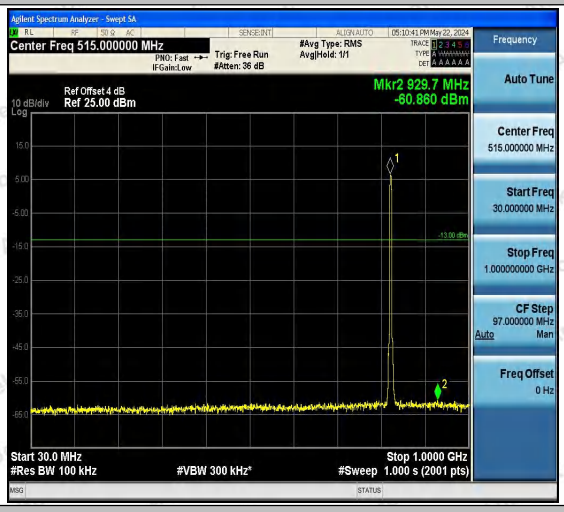
Band5-4233-1000~10000MHz-PASS



Band5-4132-1-0.009~0.15MHz-PASS

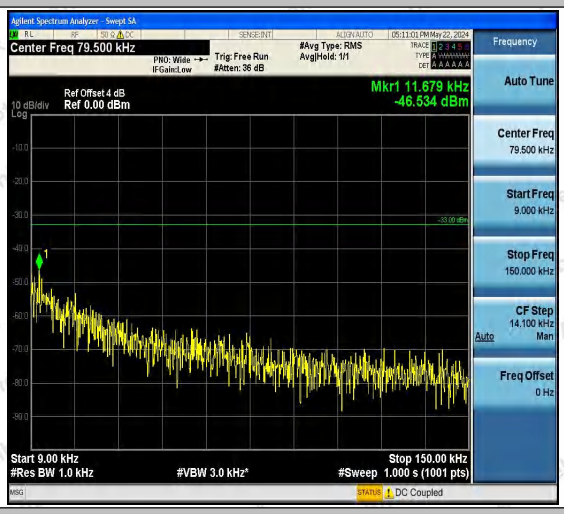


Band5-4132-1-0.15~30MHz-PASS

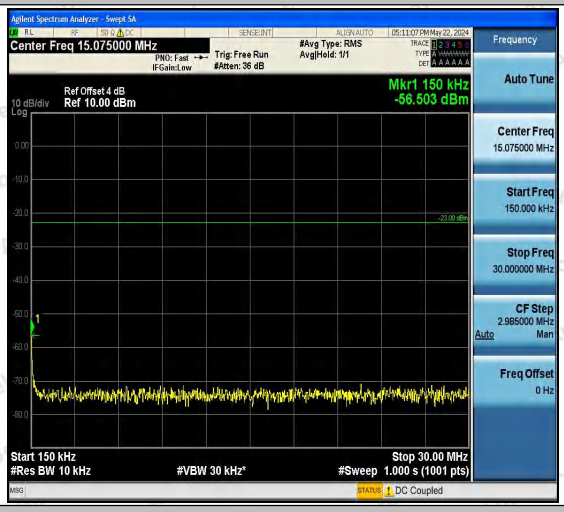


Band5-4132-1-30~1000MHz-PASS

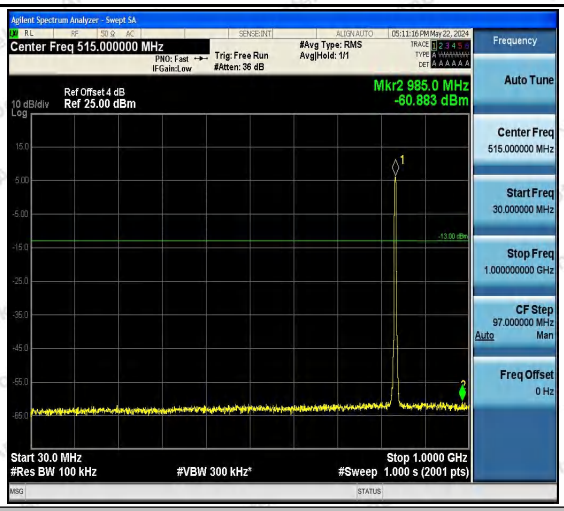
Band5-4132-1-1000~10000MHz-PASS



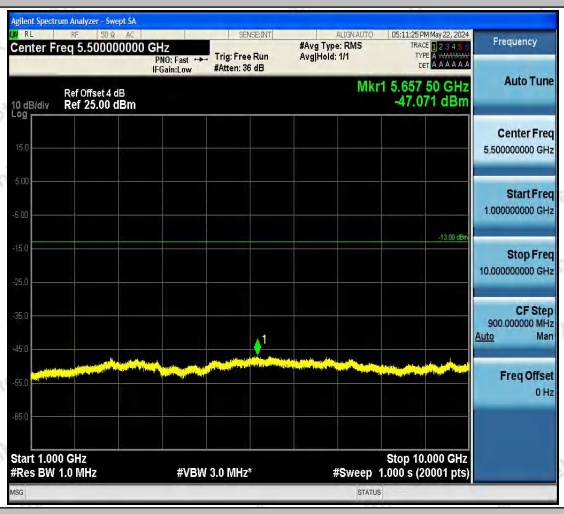
Band5-4182-1-0.009~0.15MHz-PASS



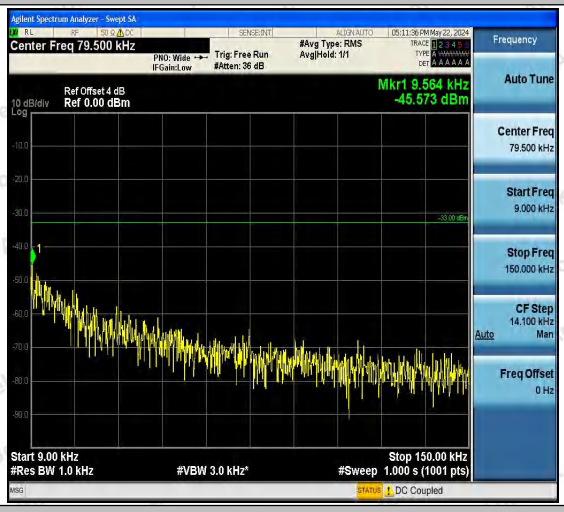
Band5-4182-1-0.15~30MHz-PASS



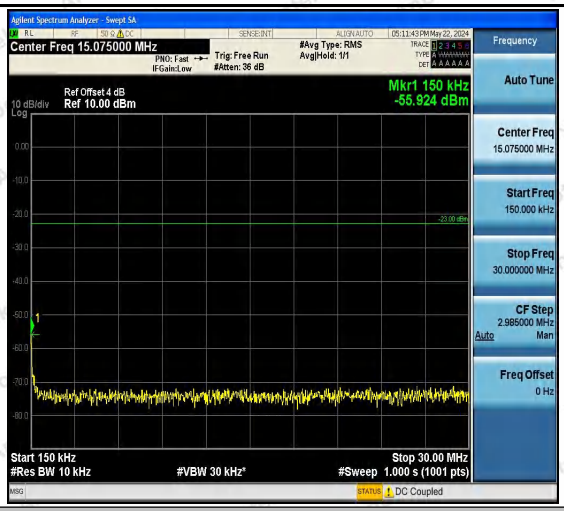
Band5-4182-1-30~1000MHz-PASS



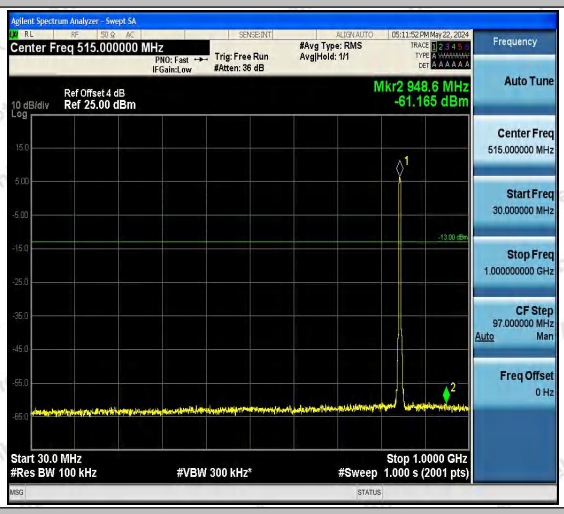
Band5-4182-1-1000~10000MHz-PASS



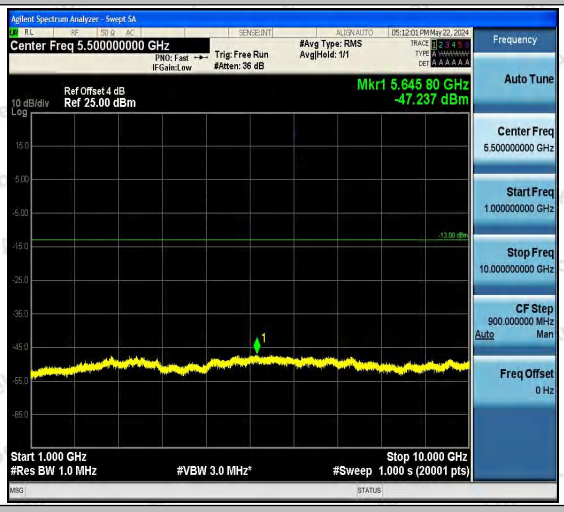
Band5-4233-1-0.009~0.15MHz-PASS



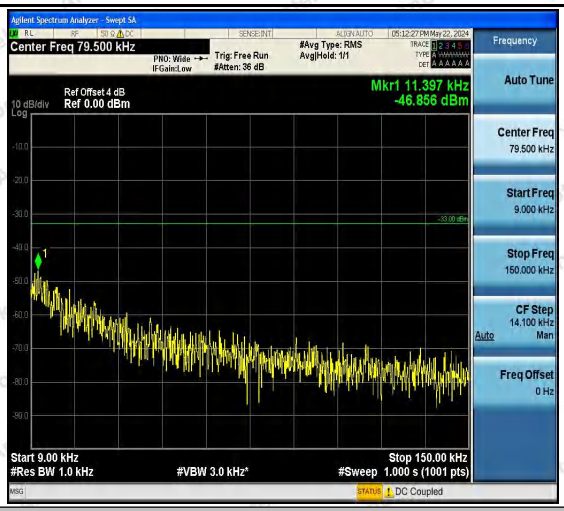
Band5-4233-1-0.15~30MHz-PASS



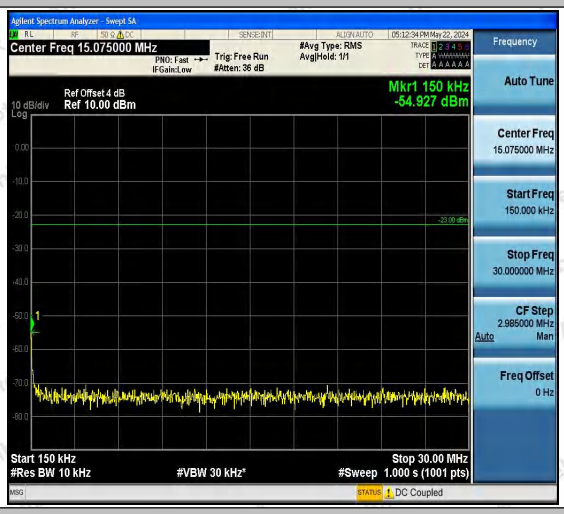
Band5-4233-1-30~1000MHz-PASS



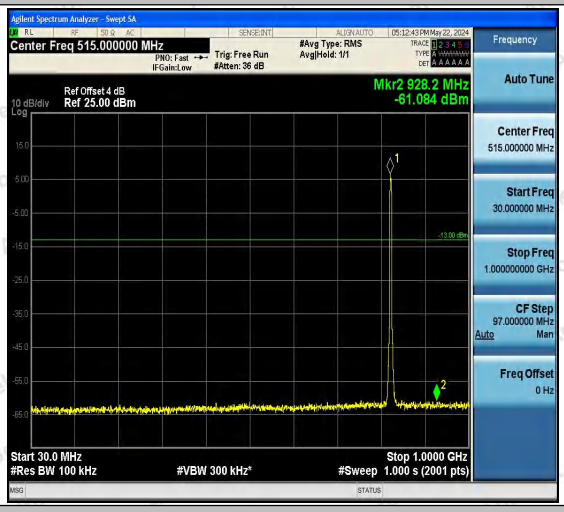
Band5-4233-1-1000~10000MHz-PASS



Band5-4132-2-0.009~0.15MHz-PASS



Band5-4132-2-0.15~30MHz-PASS



Band5-4132-2-30~1000MHz-PASS