

Appendix Test Data for GSM&WCDMA (Conducted Measurement)

Product Name: 4G Mobile Phone

Trade Mark: AGM

Test Model: M10

FCC ID: 2A3DR-M10

Environmental Conditions

Temperature:	23.5℃
Relative Humidity:	58%
ATM Pressure:	100.0 kPa
Test Engineer:	Allen Lai
Supervised by:	Max Zhang
NOTE	N/A

Appendix A: RF output power

Test Result

Band	Channel	ERP/EIRP(dBm)	Limit(dBm)	Verdict
GSM850	128	32.27	38.45	PASS
GSM850	190	32.34	38.45	PASS
GSM850	251	31.89	38.45	PASS
GSM1900	512	29.14	33	PASS
GSM1900	661	29.40	33	PASS
GSM1900	810	29.35	33	PASS

Band	Channel	Up Slot Num	Power(dBm)	Limit(dBm)	Verdict
GPRS850	128	1	32.37	38.45	PASS
GPRS850	128	2	30.40	38.45	PASS
GPRS850	128	3	28.43	38.45	PASS
GPRS850	128	4	26.11	38.45	PASS
GPRS850	190	1	32.28	38.45	PASS
GPRS850	190	2	30.32	38.45	PASS
GPRS850	190	3	28.38	38.45	PASS
GPRS850	190	4	26.17	38.45	PASS
GPRS850	251	1	32.25	38.45	PASS
GPRS850	251	2	30.36	38.45	PASS
GPRS850	251	3	28.46	38.45	PASS
GPRS850	251	4	26.26	38.45	PASS
GPRS1900	512	1	29.25	33	PASS
GPRS1900	512	2	26.61	33	PASS

GPRS1900	512	3	25.10	33	PASS
GPRS1900	512	4	22.93	33	PASS
GPRS1900	661	1	29.31	33	PASS
GPRS1900	661	2	26.79	33	PASS
GPRS1900	661	3	25.13	33	PASS
GPRS1900	661	4	22.96	33	PASS
GPRS1900	810	1	29.62	33	PASS
GPRS1900	810	2	26.75	33	PASS
GPRS1900	810	3	25.12	33	PASS
GPRS1900	810	4	23.00	33	PASS

Band	Channel	Power(dBm)	Limit(dBm)	Verdict
Band2	9262	22.57	33	PASS
Band2	9400	22.61	33	PASS
Band2	9538	22.58	33	PASS
Band4	1312	22.70	30	PASS
Band4	1413	22.56	30	PASS
Band4	1513	22.47	30	PASS
Band5	4132	22.78	38.45	PASS
Band5	4182	22.78	38.45	PASS
Band5	4233	22.73	38.45	PASS

Band	Channel	SubTest	Power(dBm)	Limit(dBm)	Verdict
Band2	9262	1	23.26	33	PASS
Band2	9262	2	22.92	33	PASS
Band2	9262	3	21.52	33	PASS
Band2	9262	4	21.57	33	PASS
Band2	9400	1	22.80	33	PASS
Band2	9400	2	22.72	33	PASS
Band2	9400	3	21.32	33	PASS
Band2	9400	4	21.16	33	PASS
Band2	9538	1	22.51	33	PASS
Band2	9538	2	22.45	33	PASS
Band2	9538	3	21.04	33	PASS
Band2	9538	4	21.12	33	PASS
Band4	1312	1	20.73	30	PASS
Band4	1312	2	20.93	30	PASS
Band4	1312	3	20.93	30	PASS
Band4	1312	4	21.01	30	PASS
Band4	1413	1	21.04	30	PASS
Band4	1413	2	21.21	30	PASS
Band4	1413	3	21.20	30	PASS

Band4	1413	4	21.28	30	PASS
Band4	1513	1	20.29	30	PASS
Band4	1513	2	20.48	30	PASS
Band4	1513	3	20.49	30	PASS
Band4	1513	4	20.58	30	PASS
Band5	4132	1	24.01	38.45	PASS
Band5	4132	2	23.01	38.45	PASS
Band5	4132	3	21.61	38.45	PASS
Band5	4132	4	21.42	38.45	PASS
Band5	4182	1	24.37	38.45	PASS
Band5	4182	2	23.40	38.45	PASS
Band5	4182	3	21.78	38.45	PASS
Band5	4182	4	21.85	38.45	PASS
Band5	4233	1	23.92	38.45	PASS
Band5	4233	2	23.19	38.45	PASS
Band5	4233	3	21.48	38.45	PASS
Band5	4233	4	21.26	38.45	PASS

Band	Channel	SubTest	Power(dBm)	Limit(dBm)	Verdict
Band2	9262	1	19.51	33	PASS
Band2	9262	2	19.74	33	PASS
Band2	9262	3	20.04	33	PASS
Band2	9262	4	20.19	33	PASS
Band2	9262	5	21.91	33	PASS
Band2	9400	1	19.48	33	PASS
Band2	9400	2	19.43	33	PASS
Band2	9400	3	19.73	33	PASS
Band2	9400	4	19.87	33	PASS
Band2	9400	5	21.75	33	PASS
Band2	9538	1	19.29	33	PASS
Band2	9538	2	19.25	33	PASS
Band2	9538	3	19.75	33	PASS
Band2	9538	4	19.71	33	PASS
Band2	9538	5	21.42	33	PASS
Band4	1312	1	20.62	30	PASS
Band4	1312	2	20.61	30	PASS
Band4	1312	3	21.04	30	PASS
Band4	1312	4	21.20	30	PASS
Band4	1312	5	21.05	30	PASS
Band4	1413	1	21.25	30	PASS
Band4	1413	2	20.82	30	PASS
Band4	1413	3	21.36	30	PASS
Band4	1413	4	21.46	30	PASS

Band4	1413	5	21.35	30	PASS
Band4	1513	1	20.56	30	PASS
Band4	1513	2	20.28	30	PASS
Band4	1513	3	20.75	30	PASS
Band4	1513	4	20.89	30	PASS
Band4	1513	5	20.63	30	PASS
Band5	4132	1	21.08	38.45	PASS
Band5	4132	2	20.75	38.45	PASS
Band5	4132	3	20.96	38.45	PASS
Band5	4132	4	20.38	38.45	PASS
Band5	4132	5	24.15	38.45	PASS
Band5	4182	1	21.30	38.45	PASS
Band5	4182	2	20.95	38.45	PASS
Band5	4182	3	21.17	38.45	PASS
Band5	4182	4	21.13	38.45	PASS
Band5	4182	5	24.40	38.45	PASS
Band5	4233	1	20.70	38.45	PASS
Band5	4233	2	20.38	38.45	PASS
Band5	4233	3	20.58	38.45	PASS
Band5	4233	4	20.51	38.45	PASS
Band5	4233	5	23.86	38.45	PASS

Appendix B: Peak-to-Average Ratio (CCDF)

Test Result

Band	Channel	Result(dB)	Limit(dB)	Verdict
GSM850	128	9.51	13	PASS
GSM850	190	9.42	13	PASS
GSM850	251	9.44	13	PASS
GPRS850	128	9.90	13	PASS
GPRS850	190	9.90	13	PASS
GPRS850	251	9.66	13	PASS
GSM1900	512	9.57	13	PASS
GSM1900	661	9.51	13	PASS
GSM1900	810	9.50	13	PASS
GPRS1900	512	9.84	13	PASS
GPRS1900	661	9.66	13	PASS
GPRS1900	810	9.79	13	PASS

● UMTS-WCDMA

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9262	3.06	13	PASS
Band2	9400	8.39	13	PASS
Band2	9538	3	13	PASS
Band4	1312	3.2	13	PASS
Band4	1413	3.04	13	PASS
Band4	1513	3.18	13	PASS
Band5	4132	3.26	13	PASS
Band5	4182	3.29	13	PASS
Band5	4233	3.29	13	PASS

● UMTS-HSDPA

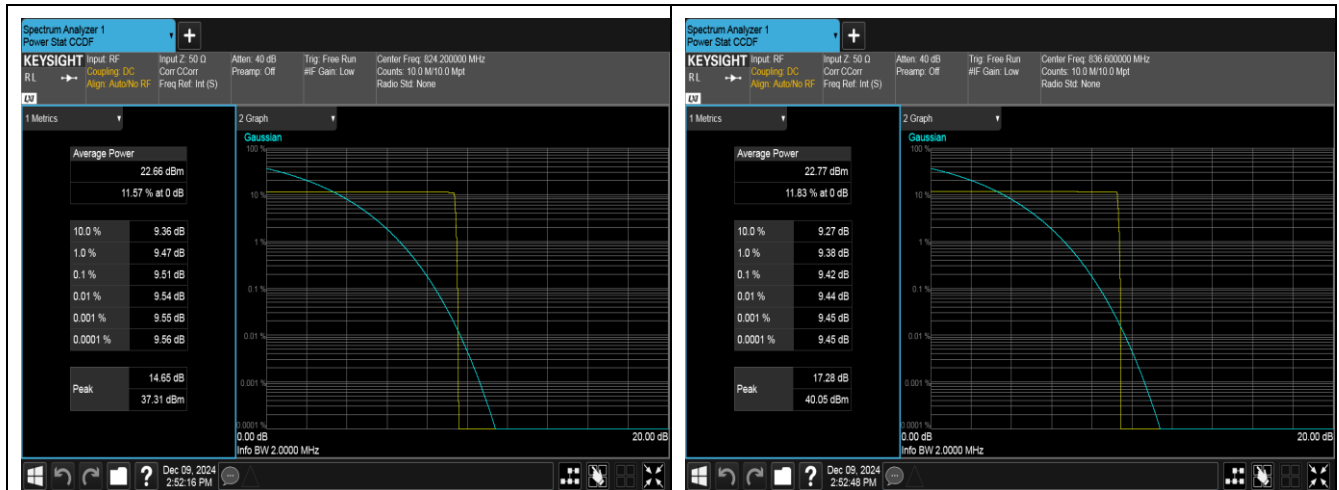
Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9262	1	3.04	13	PASS
Band2	9262	2	3.54	13	PASS
Band2	9262	3	3.87	13	PASS
Band2	9262	4	8.41	13	PASS
Band2	9400	1	3.01	13	PASS
Band2	9400	2	3.46	13	PASS
Band2	9400	3	3.76	13	PASS
Band2	9400	4	3.8	13	PASS
Band2	9538	1	3.09	13	PASS
Band2	9538	2	3.58	13	PASS
Band2	9538	3	3.88	13	PASS
Band2	9538	4	3.91	13	PASS
Band4	1312	1	3.29	13	PASS
Band4	1312	2	3.68	13	PASS
Band4	1312	3	3.87	13	PASS
Band4	1312	4	3.91	13	PASS
Band4	1413	1	3.21	13	PASS
Band4	1413	2	3.6	13	PASS
Band4	1413	3	3.79	13	PASS
Band4	1413	4	8.44	13	PASS
Band4	1513	1	3.28	13	PASS
Band4	1513	2	3.68	13	PASS
Band4	1513	3	3.87	13	PASS
Band4	1513	4	3.91	13	PASS
Band5	4132	1	3.27	13	PASS
Band5	4132	2	3.67	13	PASS
Band5	4132	3	3.86	13	PASS
Band5	4132	4	8.47	13	PASS
Band5	4182	1	12.68	13	PASS
Band5	4182	2	3.66	13	PASS
Band5	4182	3	3.85	13	PASS
Band5	4182	4	3.89	13	PASS
Band5	4233	1	3.22	13	PASS
Band5	4233	2	3.73	13	PASS
Band5	4233	3	3.94	13	PASS
Band5	4233	4	3.98	13	PASS

● UMTS-HSUPA

Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9262	1	4.51	13	PASS
Band2	9262	2	5.66	13	PASS
Band2	9262	3	5.2	13	PASS
Band2	9262	4	5.48	13	PASS
Band2	9262	5	8.41	13	PASS
Band2	9400	1	4.48	13	PASS
Band2	9400	2	5.6	13	PASS
Band2	9400	3	5.12	13	PASS
Band2	9400	4	5.39	13	PASS
Band2	9400	5	4.11	13	PASS
Band2	9538	1	8.43	13	PASS
Band2	9538	2	5.68	13	PASS
Band2	9538	3	5.2	13	PASS
Band2	9538	4	5.48	13	PASS
Band2	9538	5	4.17	13	PASS
Band4	1312	1	4.66	13	PASS
Band4	1312	2	8.44	13	PASS
Band4	1312	3	5.3	13	PASS
Band4	1312	4	5.62	13	PASS
Band4	1312	5	4.37	13	PASS
Band4	1413	1	4.43	13	PASS
Band4	1413	2	5.51	13	PASS
Band4	1413	3	8.4	13	PASS
Band4	1413	4	5.24	13	PASS
Band4	1413	5	4.23	13	PASS
Band4	1513	1	4.63	13	PASS
Band4	1513	2	5.73	13	PASS
Band4	1513	3	5.29	13	PASS
Band4	1513	4	5.6	13	PASS
Band4	1513	5	4.39	13	PASS
Band5	4132	1	4.59	13	PASS
Band5	4132	2	5.73	13	PASS
Band5	4132	3	5.3	13	PASS
Band5	4132	4	5.6	13	PASS
Band5	4132	5	4.3	13	PASS
Band5	4182	1	11.71	13	PASS
Band5	4182	2	5.75	13	PASS
Band5	4182	3	5.31	13	PASS
Band5	4182	4	5.64	13	PASS
Band5	4182	5	4.2	13	PASS
Band5	4233	1	4.71	13	PASS

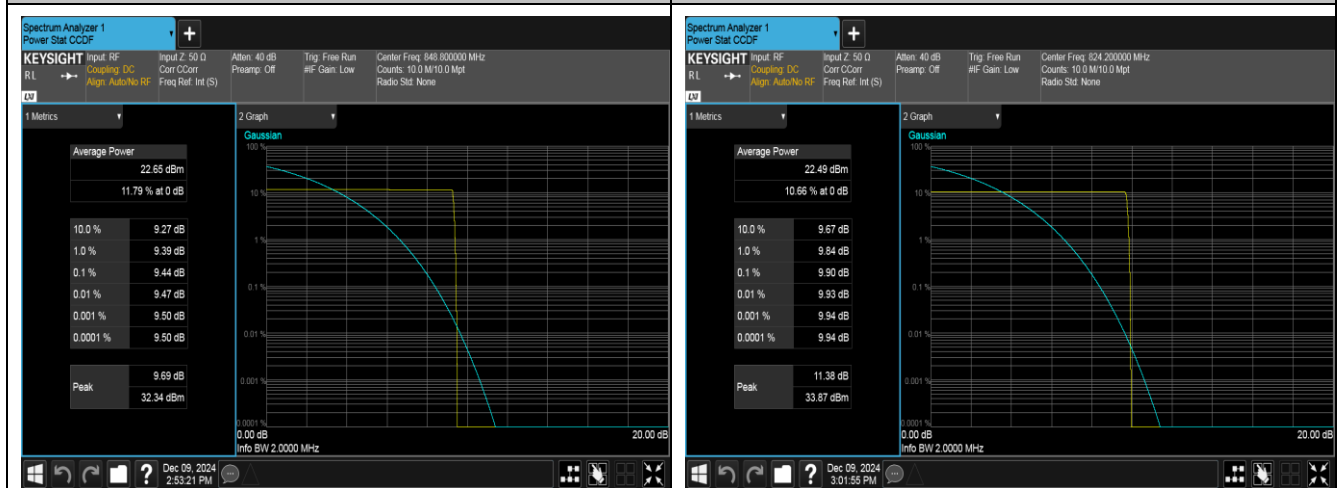
Band5	4233	2	5.78	13	PASS
Band5	4233	3	5.35	13	PASS
Band5	4233	4	5.64	13	PASS
Band5	4233	5	4.25	13	PASS

Test Graphs



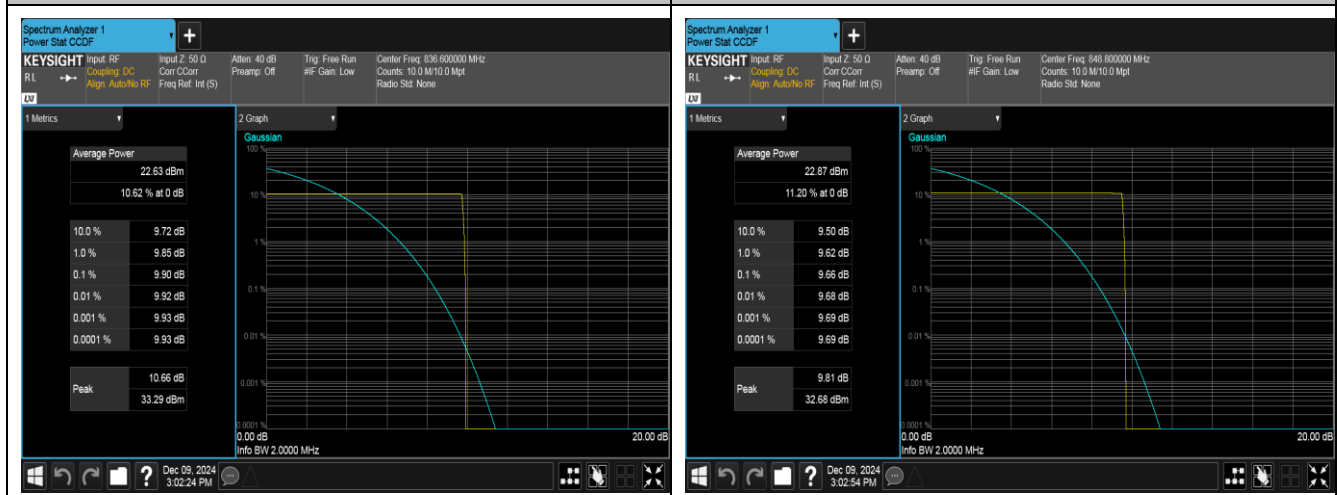
GSM850-128-5-PASS

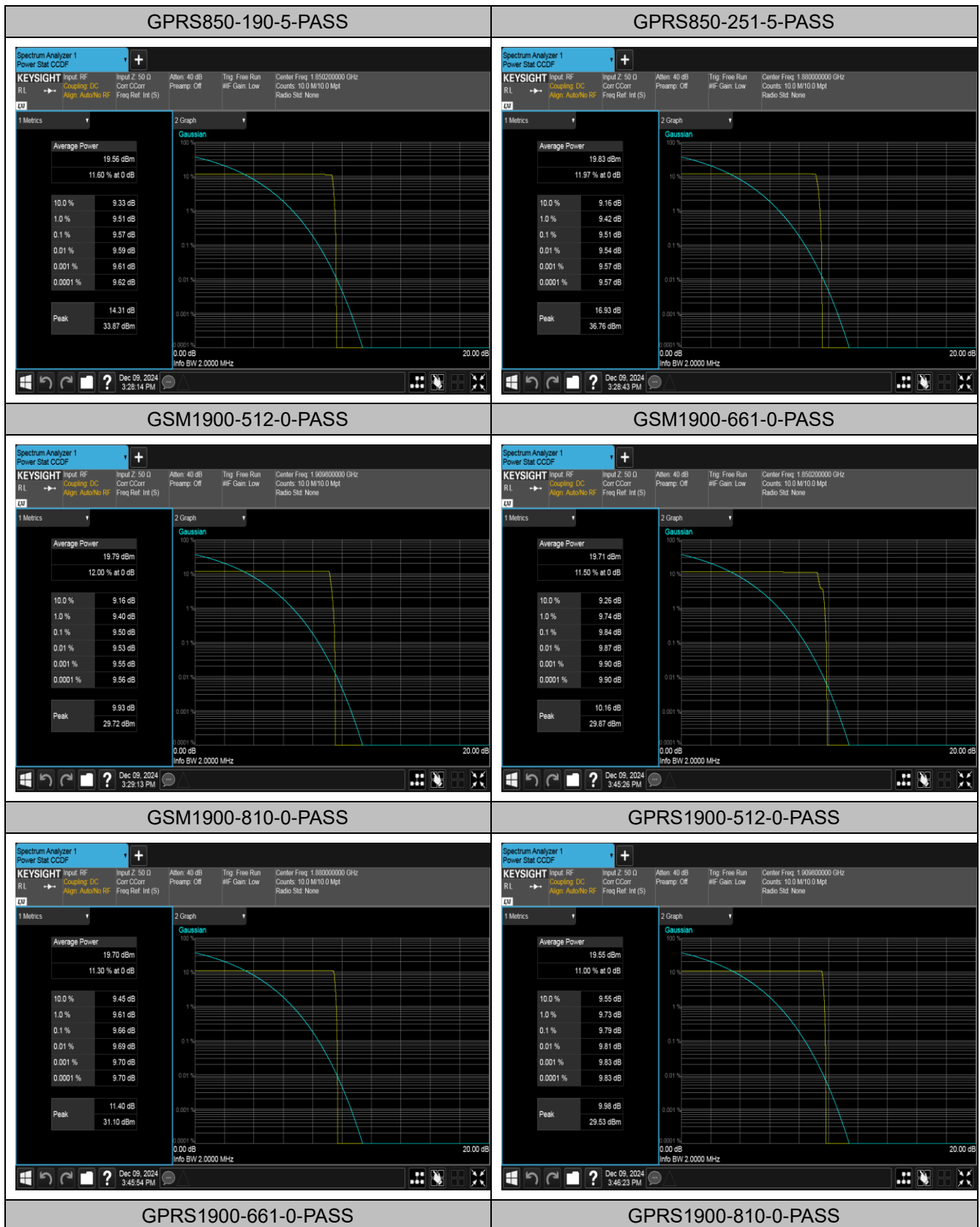
GSM850-190-5-PASS

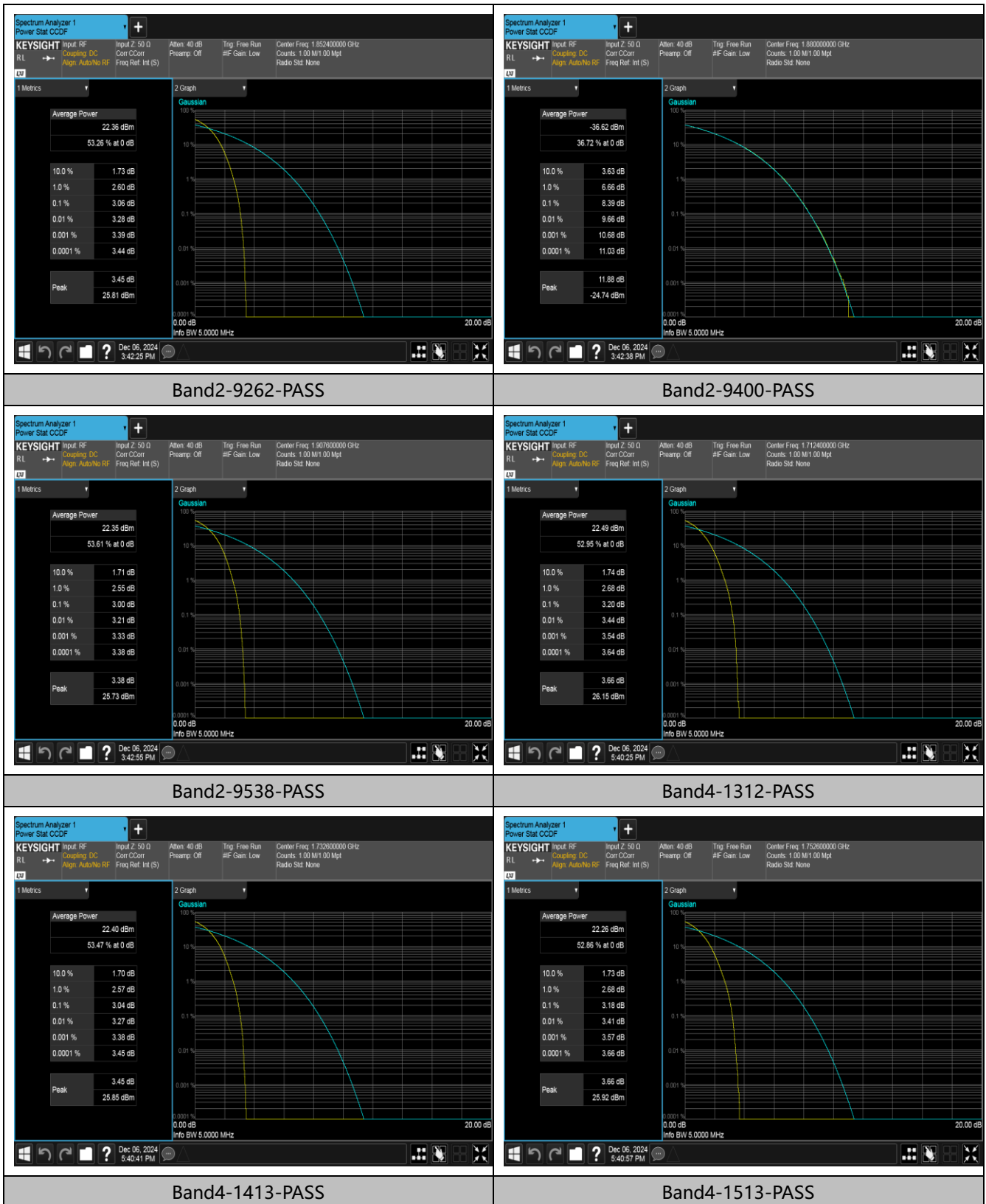


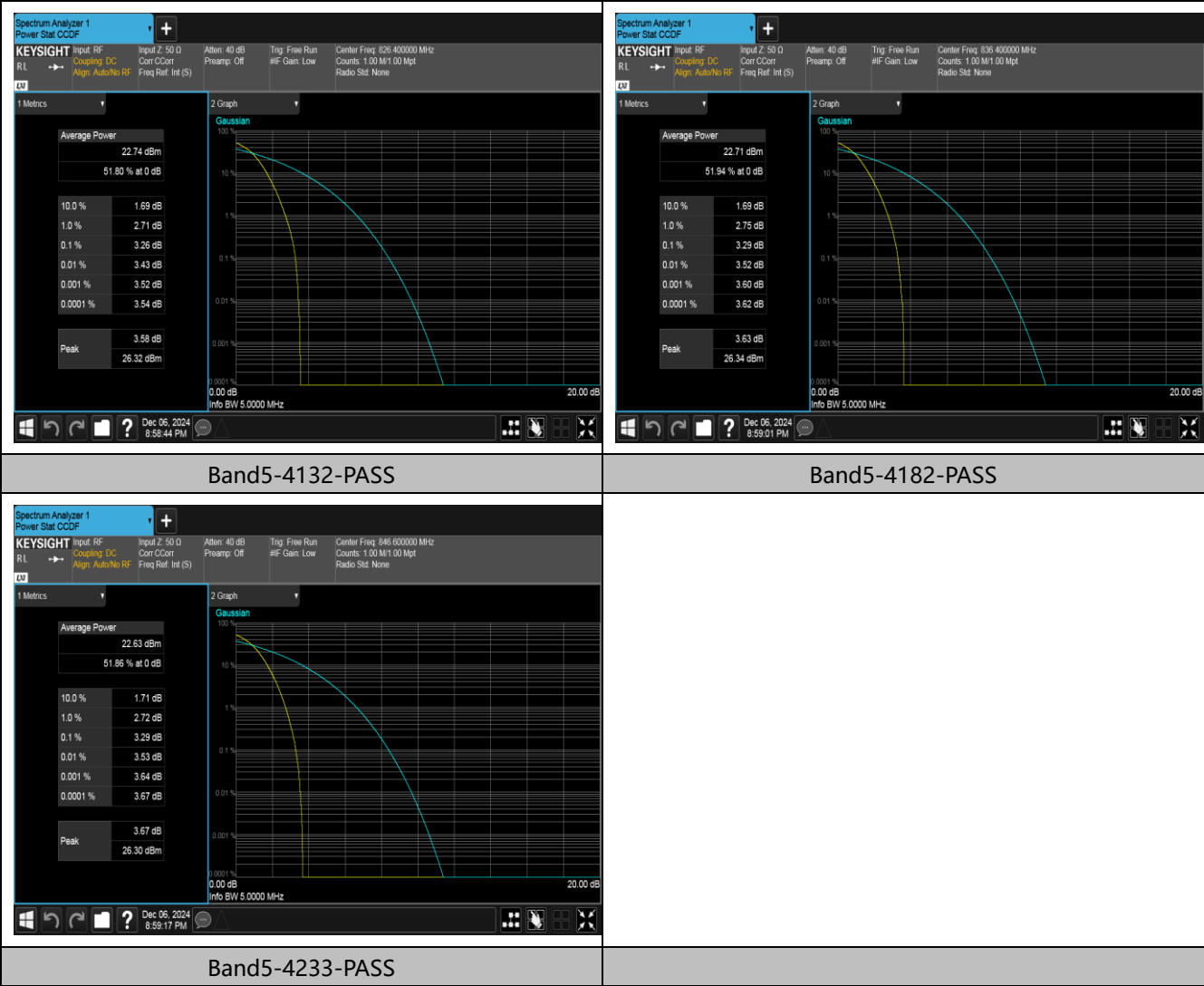
GSM850-251-5-PASS

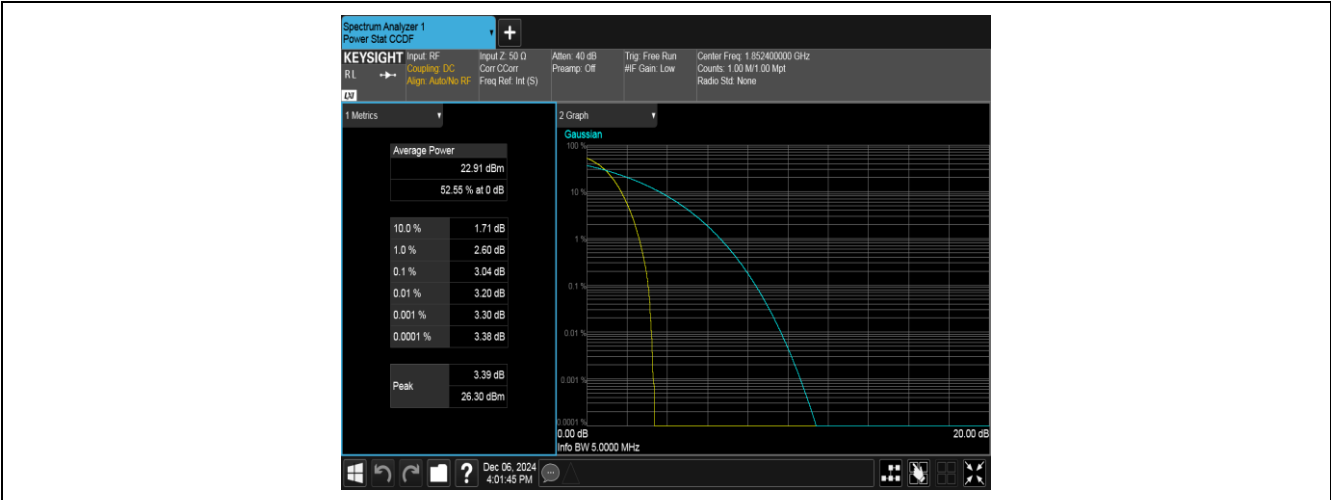
GPRS850-128-5-PASS



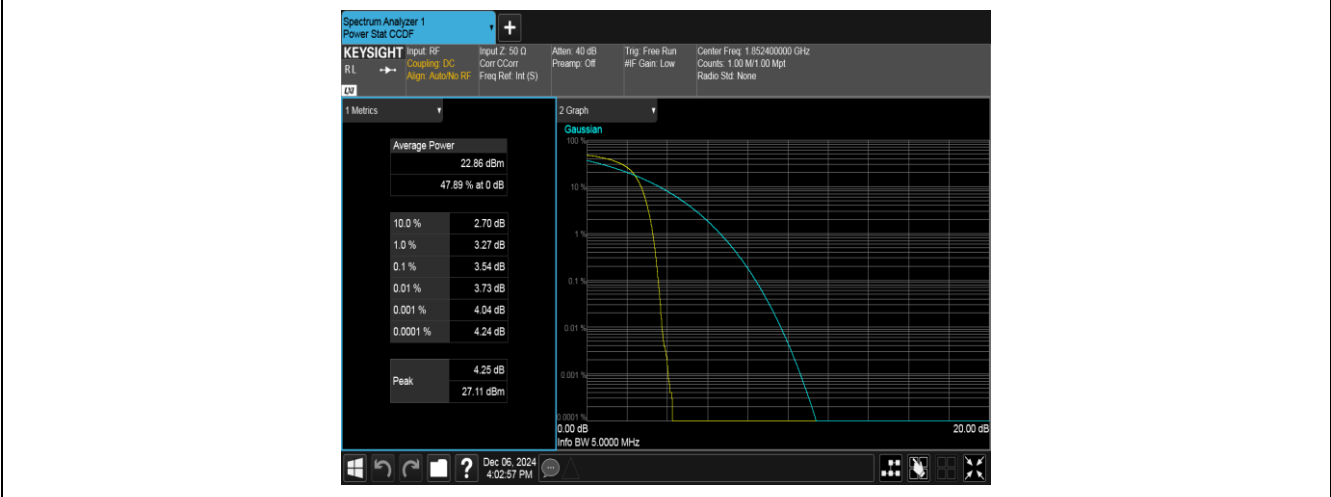




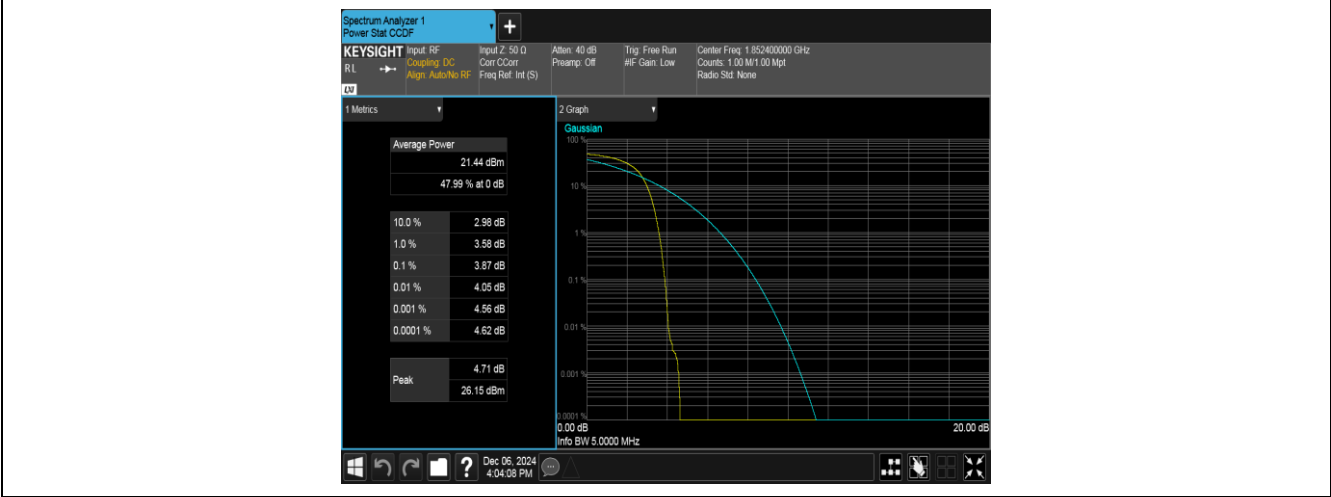




Band2-9262-1-PASS



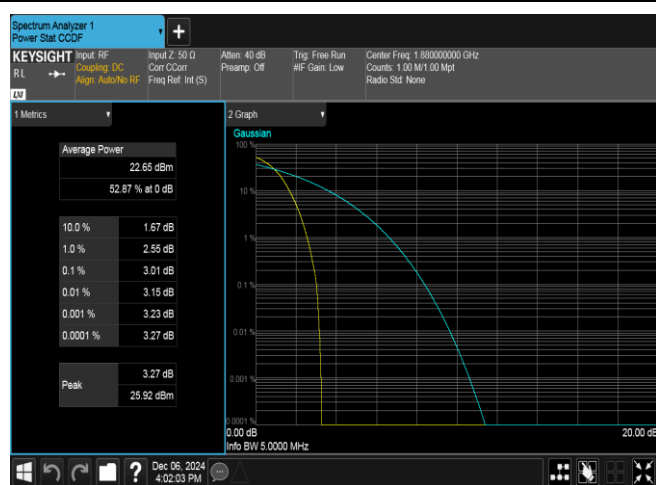
Band2-9262-2-PASS



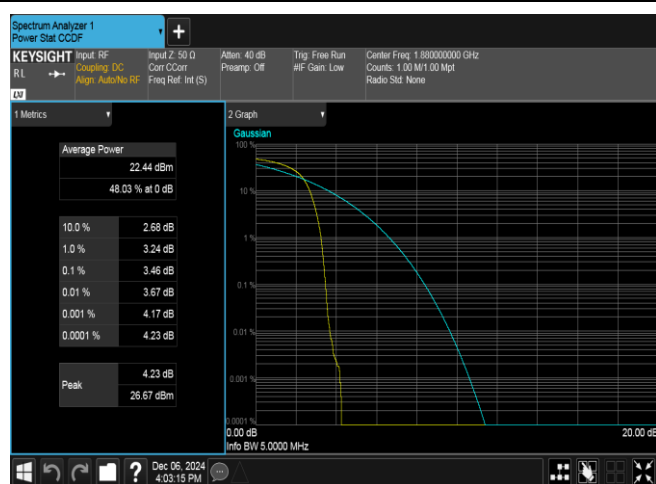
Band2-9262-3-PASS



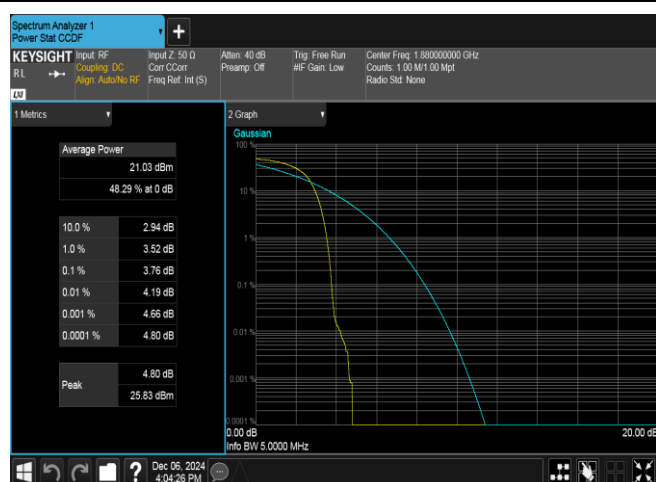
Band2-9262-4-PASS



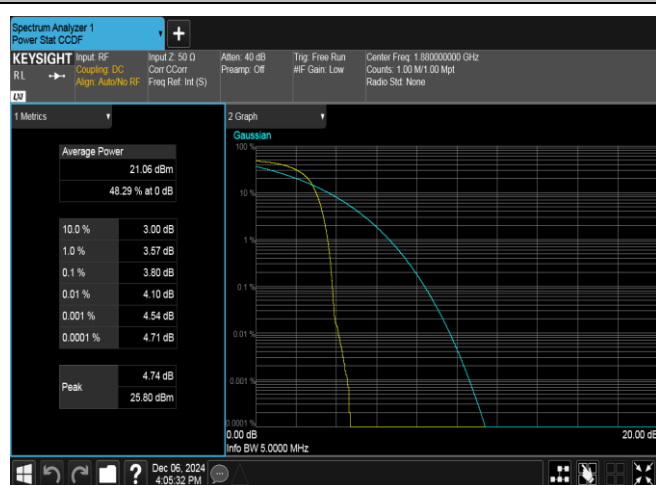
Band2-9400-1-PASS



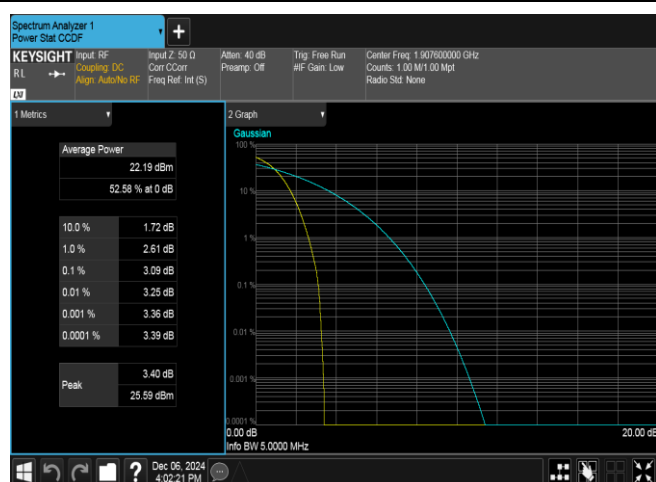
Band2-9400-2-PASS



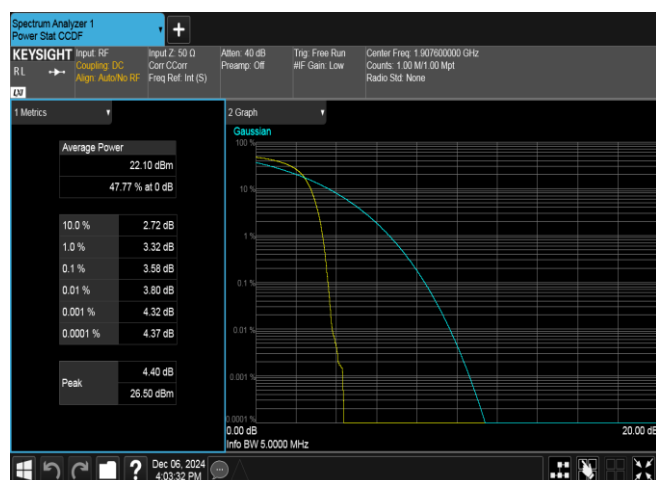
Band2-9400-3-PASS



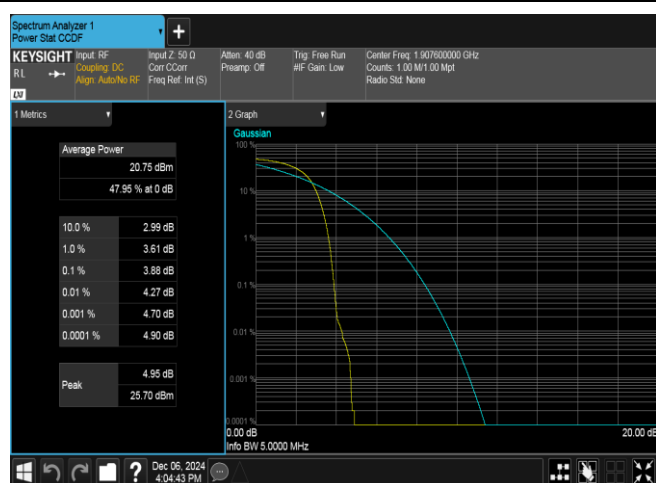
Band2-9400-4-PASS



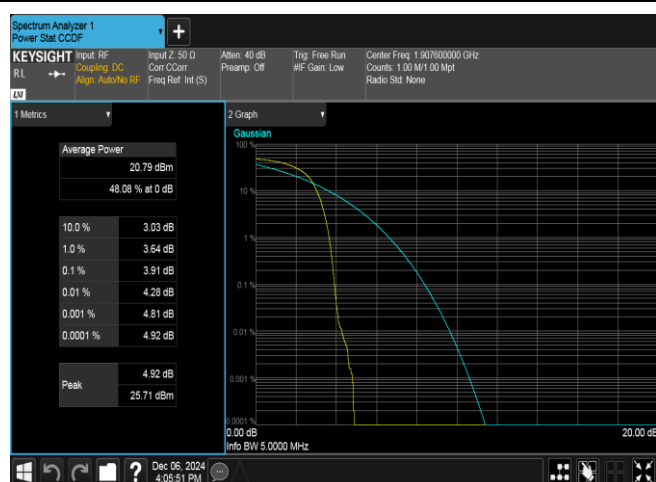
Band2-9538-1-PASS



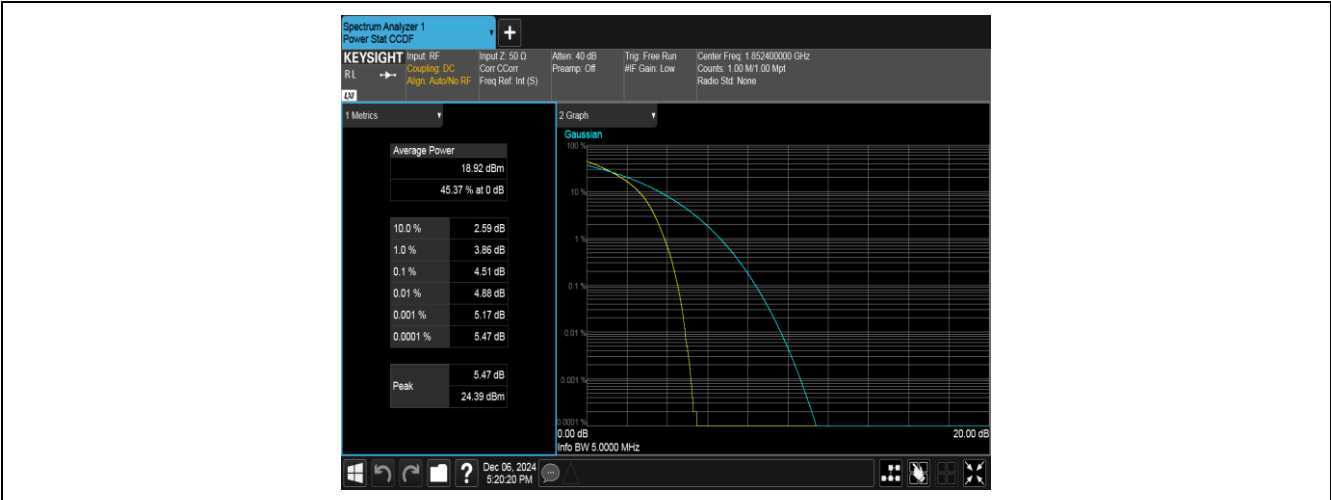
Band2-9538-2-PASS



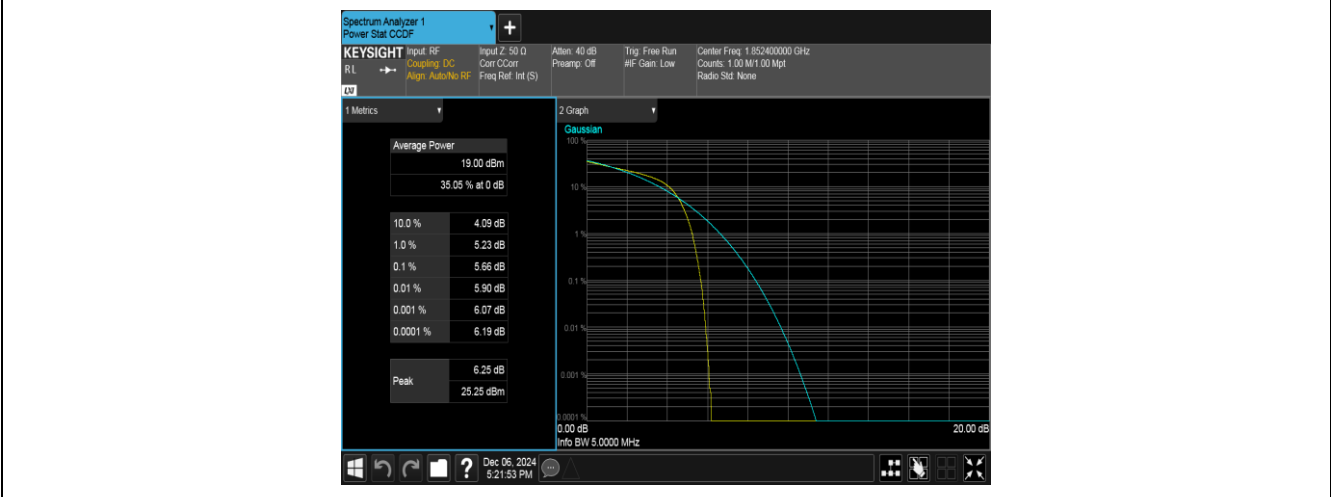
Band2-9538-3-PASS



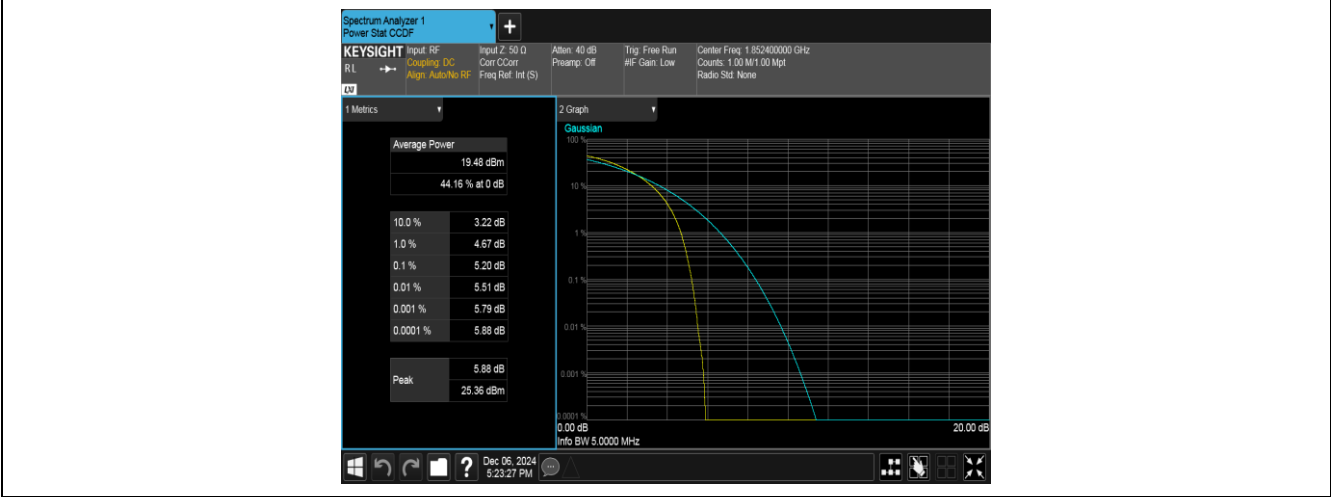
Band2-9538-4-PASS



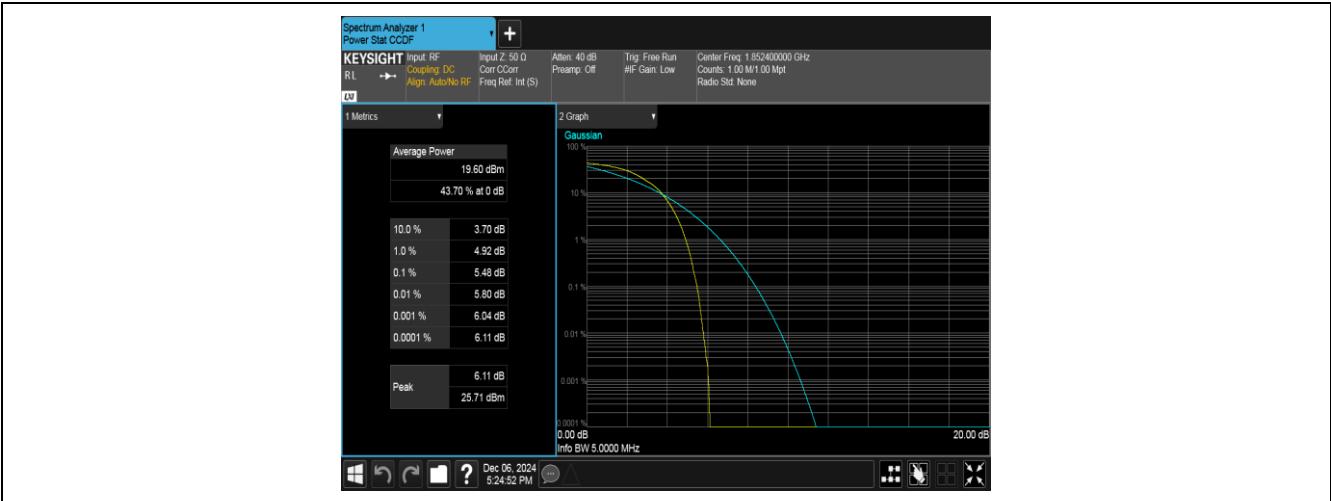
Band2-9262-1-PASS



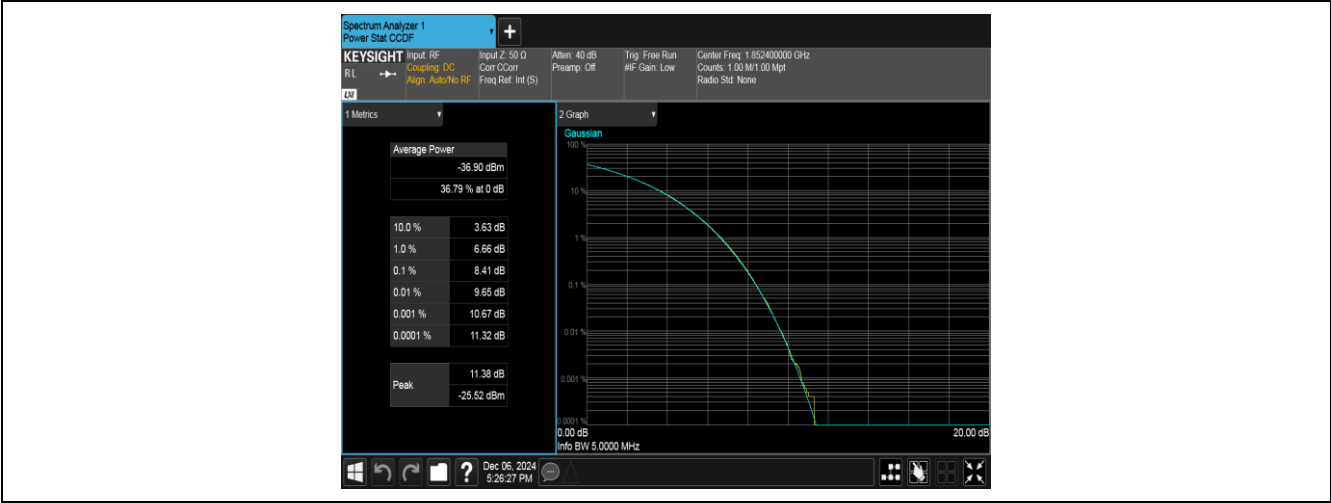
Band2-9262-2-PASS



Band2-9262-3-PASS



Band2-9262-4-PASS



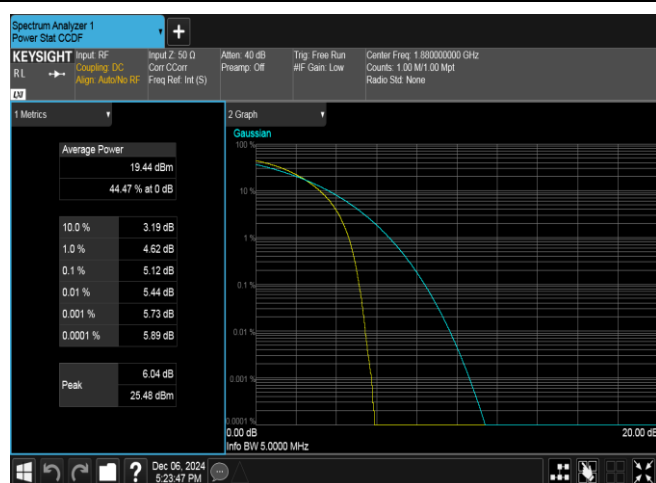
Band2-9262-5-PASS



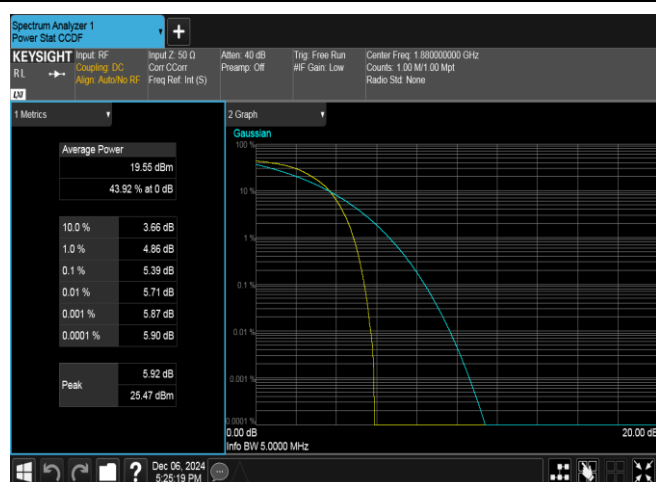
Band2-9400-1-PASS



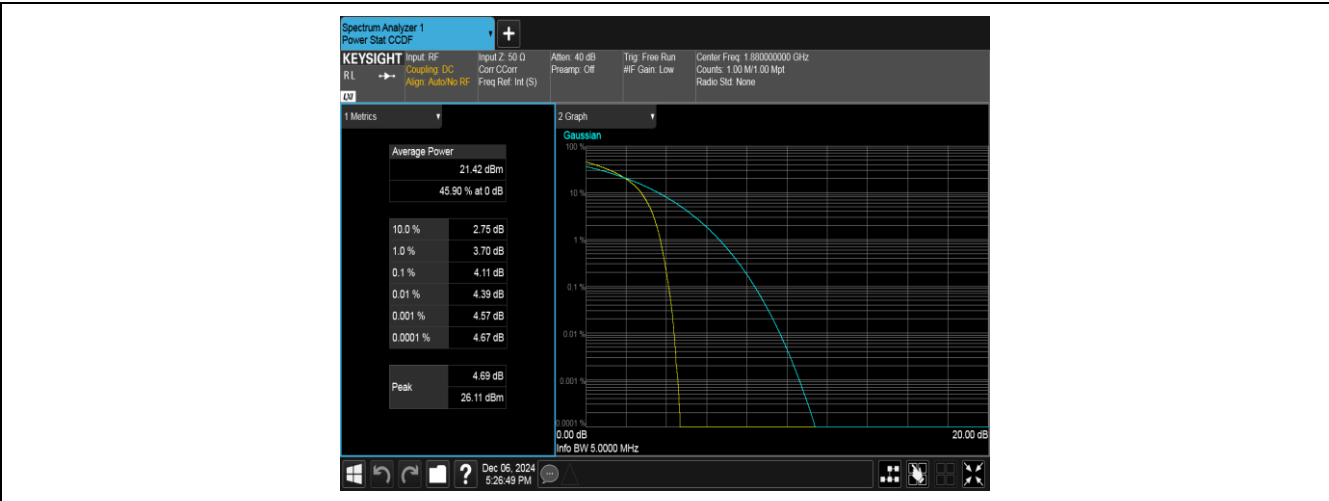
Band2-9400-2-PASS



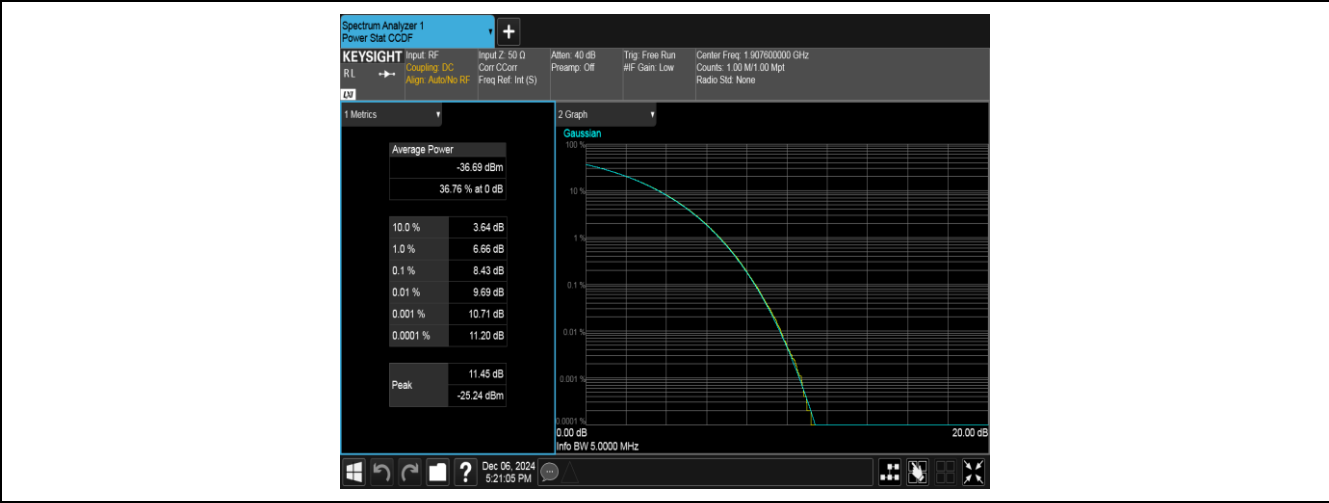
Band2-9400-3-PASS



Band2-9400-4-PASS



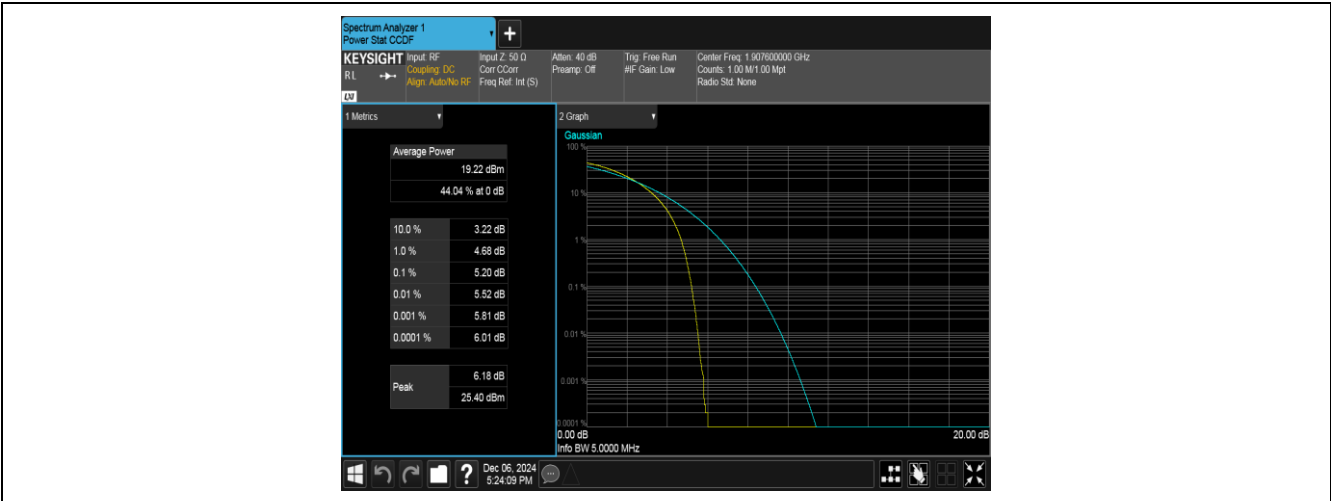
Band2-9400-5-PASS



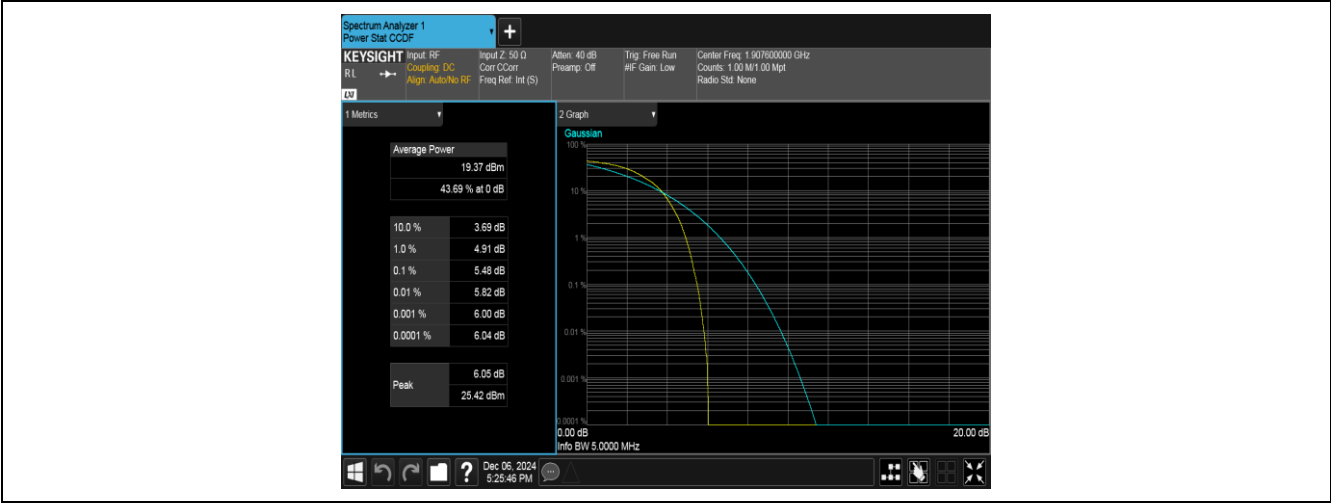
Band2-9538-1-PASS



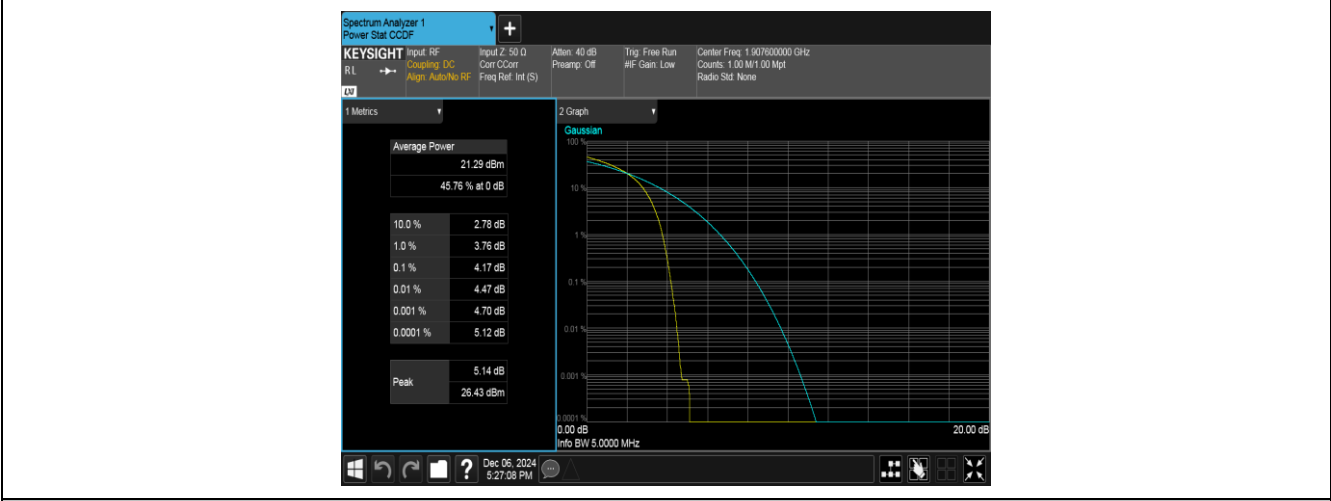
Band2-9538-2-PASS



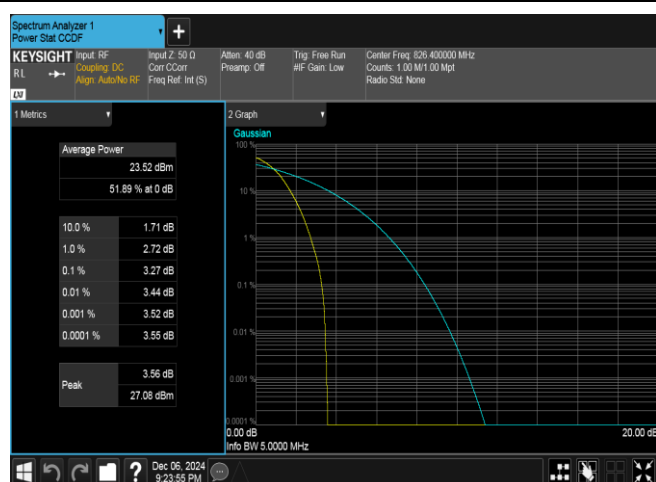
Band2-9538-3-PASS



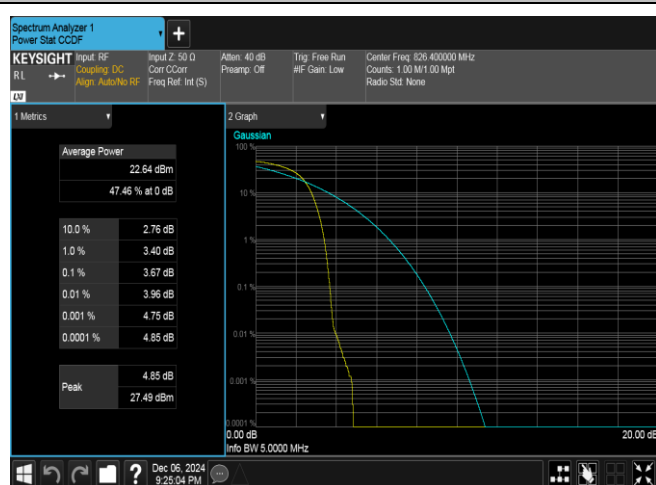
Band2-9538-4-PASS



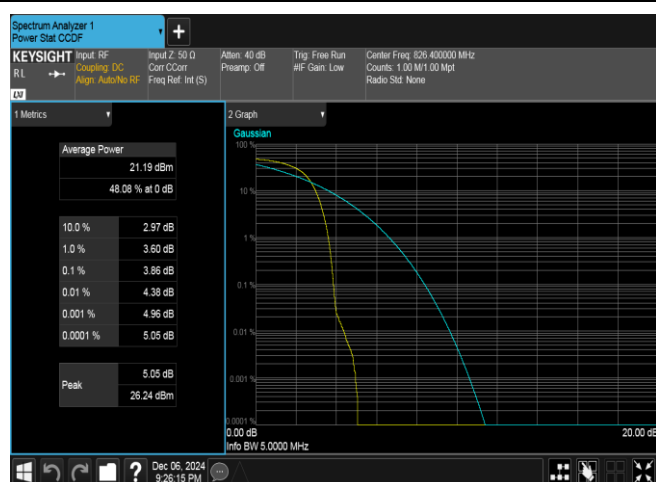
Band2-9538-5-PASS



Band5-4132-1-PASS



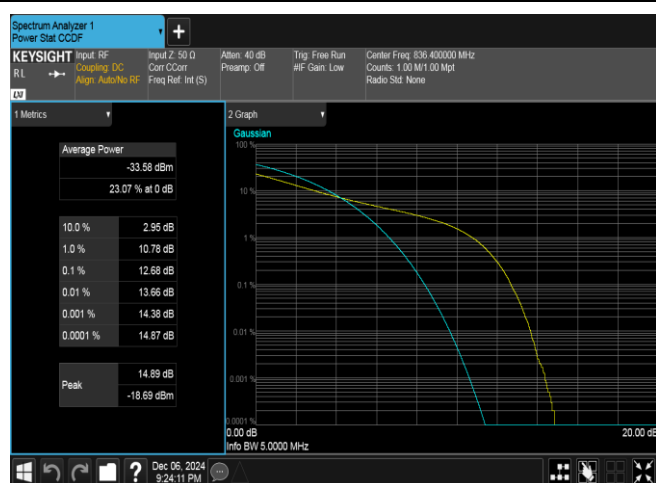
Band5-4132-2-PASS



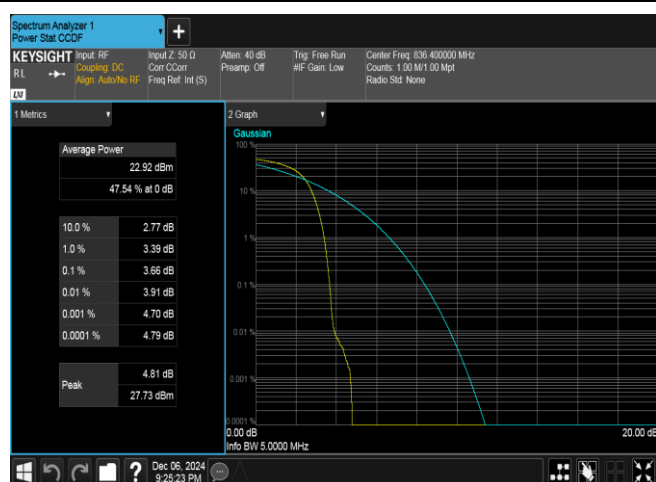
Band5-4132-3-PASS



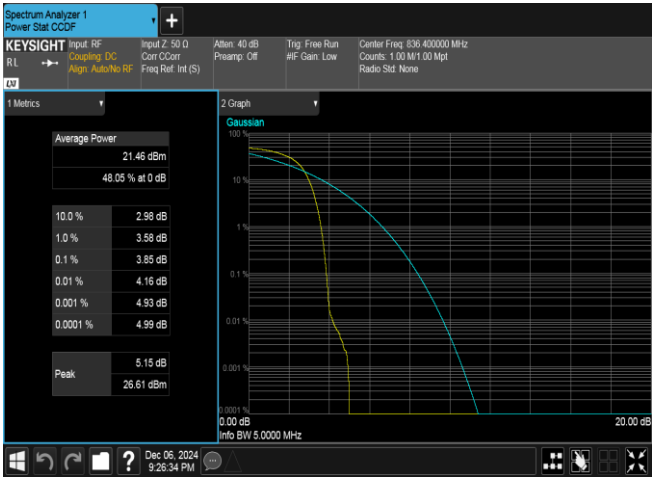
Band5-4132-4-PASS



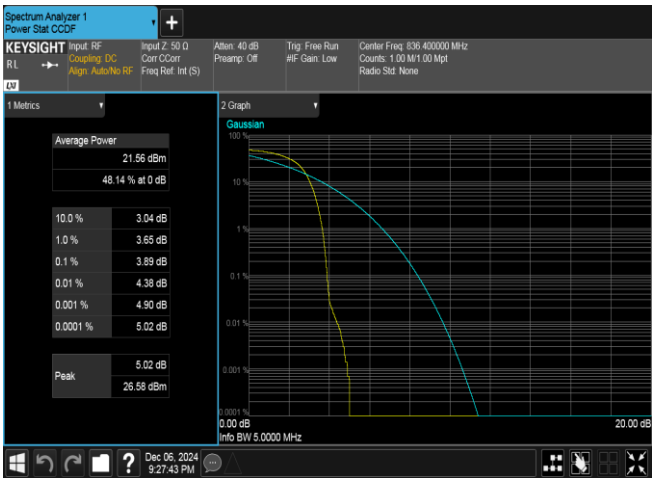
Band5-4182-1-PASS



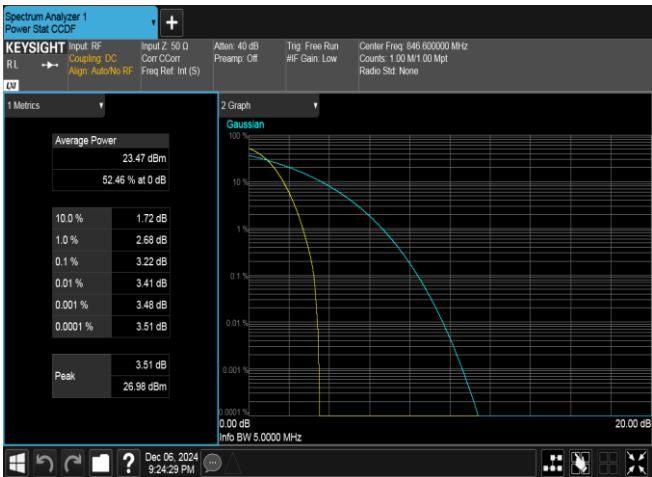
Band5-4182-2-PASS



Band5-4182-3-PASS



Band5-4182-4-PASS



Band5-4233-1-PASS