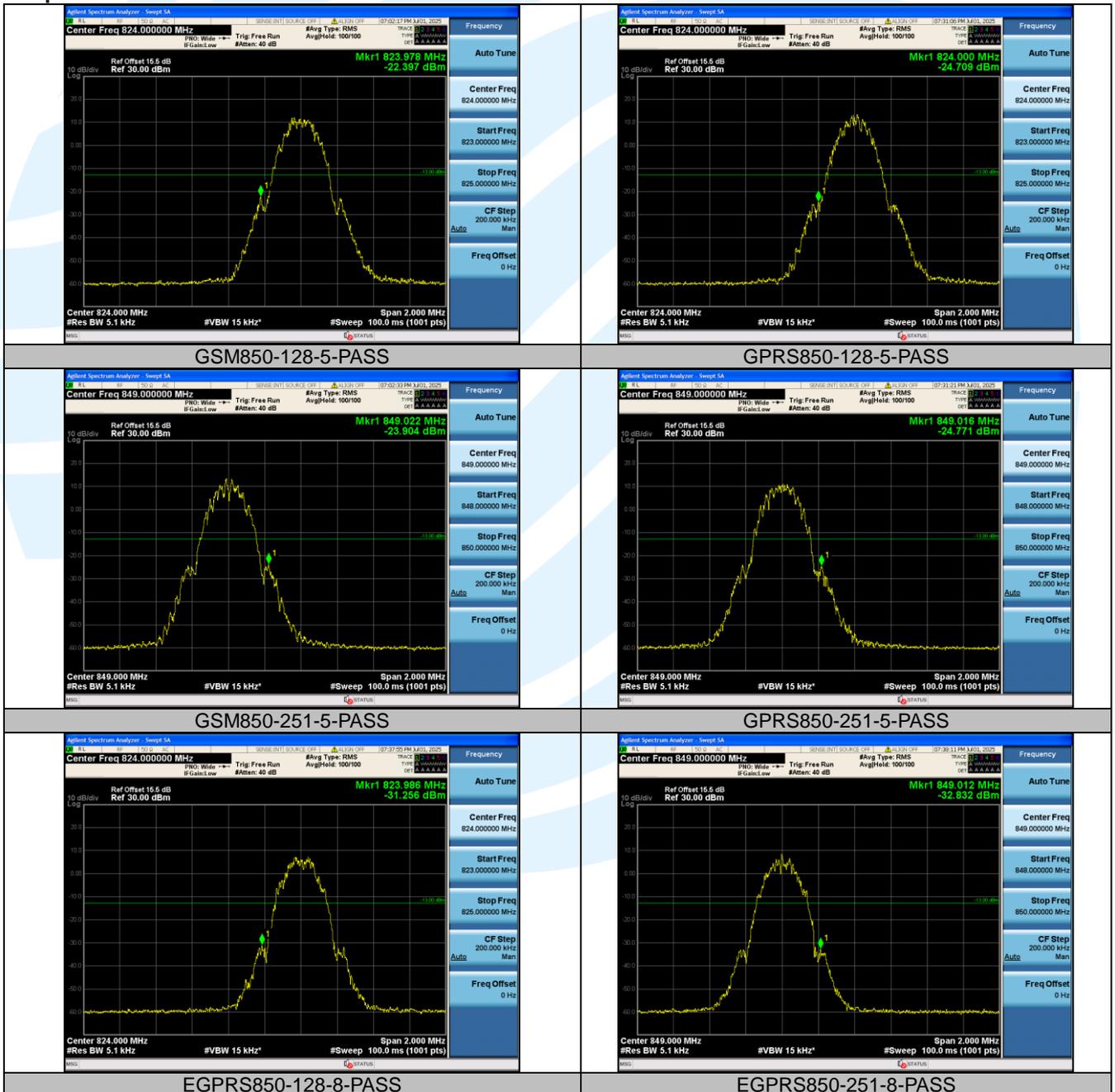


Conducted Band Edge

Band	Channel	Freq (MHz)	Result (dBm)	Limit(dBm)	Verdict
GSM850	128	823.98	-22.40	-13	PASS
GPRS850	128	824.00	-24.71	-13	PASS
GSM850	251	849.02	-23.90	-13	PASS
GPRS850	251	849.02	-24.77	-13	PASS
EGPRS850	128	823.99	-31.26	-13	PASS
EGPRS850	251	849.01	-32.83	-13	PASS
GSM1900	512	1849.98	-27.11	-13	PASS
GPRS1900	512	1850.00	-27.16	-13	PASS
GSM1900	810	1910.02	-27.25	-13	PASS
GPRS1900	810	1910.01	-27.93	-13	PASS
EGPRS1900	512	1849.99	-32.70	-13	PASS
EGPRS1900	810	1910.04	-33.58	-13	PASS

Test Graphs



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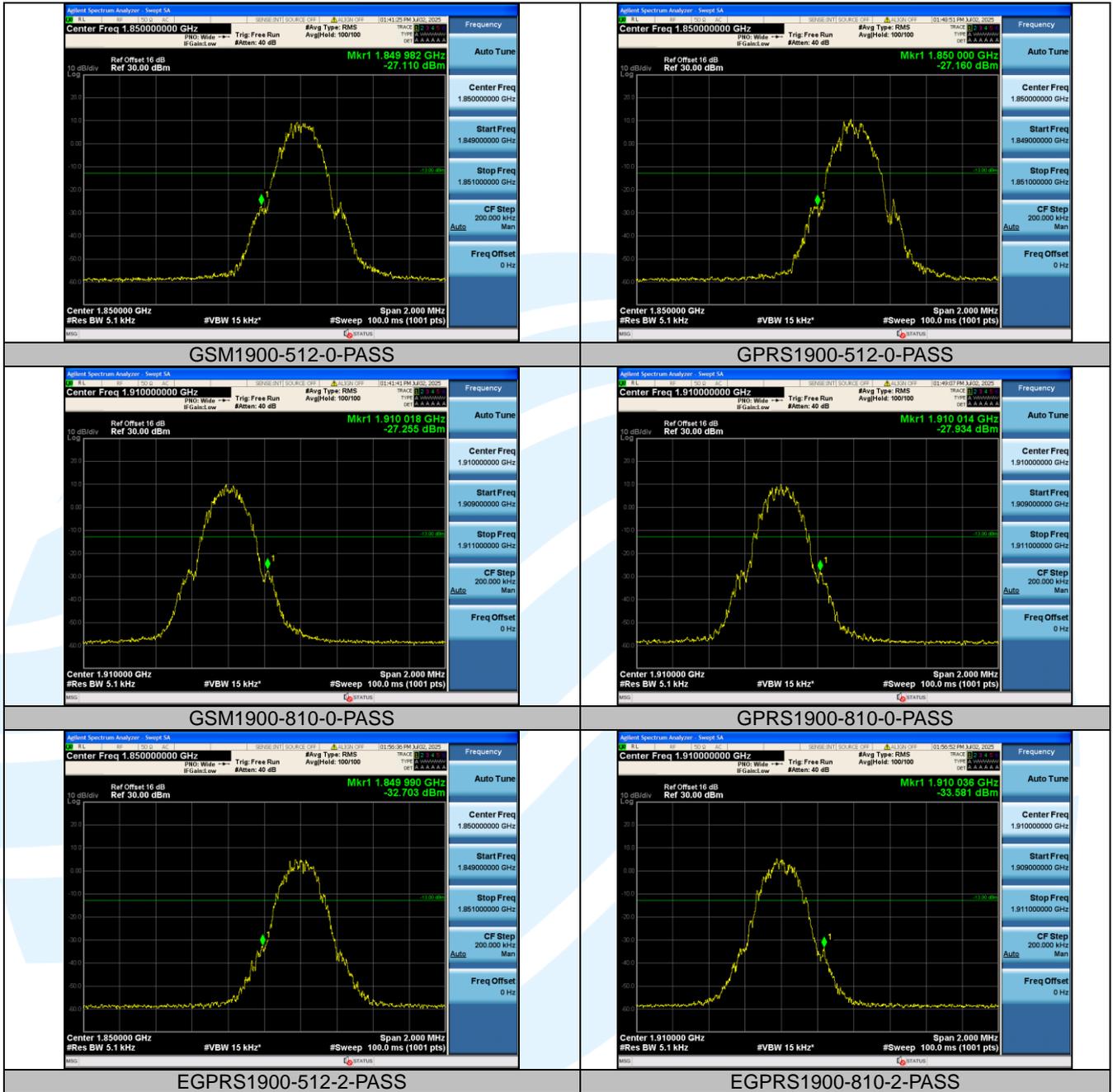
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Frequency Stability

Voltage							
Band	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GSM850	190	VN	NT	-3.45	-0.004124	±2.5	PASS
GSM850	190	VL	NT	-3.75	-0.004482	±2.5	PASS
GSM850	190	VH	NT	-4.88	-0.005833	±2.5	PASS
EGPRS850	190	VN	NT	-9.72	-0.011618	±2.5	PASS
EGPRS850	190	VL	NT	-8.30	-0.009921	±2.5	PASS
EGPRS850	190	VH	NT	-8.36	-0.009993	±2.5	PASS
GSM1900	661	VN	NT	-9.81	-0.005218	±2.5	PASS
GSM1900	661	VL	NT	-8.52	-0.004532	±2.5	PASS
GSM1900	661	VH	NT	-6.49	-0.003452	±2.5	PASS
EGPRS1900	661	VN	NT	-27.44	-0.014596	±2.5	PASS
EGPRS1900	661	VL	NT	-28.02	-0.014904	±2.5	PASS
EGPRS1900	661	VH	NT	-26.80	-0.014255	±2.5	PASS

Temperature							
Band	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GSM850	190	NV	-30	-6.17	-0.007375	±2.5	PASS
GSM850	190	NV	-20	-7.94	-0.009491	±2.5	PASS
GSM850	190	NV	-10	-9.33	-0.011152	±2.5	PASS
GSM850	190	NV	0	0.71	0.000849	±2.5	PASS
GSM850	190	NV	10	2.65	0.003168	±2.5	PASS
GSM850	190	NV	20	-0.23	-0.000275	±2.5	PASS
GSM850	190	NV	30	-5.13	-0.006132	±2.5	PASS
GSM850	190	NV	40	-6.26	-0.007483	±2.5	PASS
GSM850	190	NV	50	-6.65	-0.007949	±2.5	PASS
EGPRS850	190	NV	-30	-10.85	-0.012969	±2.5	PASS
EGPRS850	190	NV	-20	-7.46	-0.008917	±2.5	PASS
EGPRS850	190	NV	-10	-8.10	-0.009682	±2.5	PASS
EGPRS850	190	NV	0	-9.20	-0.010997	±2.5	PASS
EGPRS850	190	NV	10	-4.52	-0.005403	±2.5	PASS
EGPRS850	190	NV	20	-14.88	-0.017786	±2.5	PASS
EGPRS850	190	NV	30	-9.65	-0.011535	±2.5	PASS
EGPRS850	190	NV	40	-9.27	-0.011081	±2.5	PASS
EGPRS850	190	NV	50	-12.11	-0.014475	±2.5	PASS
GSM1900	661	NV	-30	-8.62	-0.004585	±2.5	PASS
GSM1900	661	NV	-20	-7.20	-0.003830	±2.5	PASS
GSM1900	661	NV	-10	-9.17	-0.004878	±2.5	PASS
GSM1900	661	NV	0	-5.42	-0.002883	±2.5	PASS
GSM1900	661	NV	10	-17.14	-0.009117	±2.5	PASS
GSM1900	661	NV	20	-9.40	-0.005000	±2.5	PASS
GSM1900	661	NV	30	-13.79	-0.007335	±2.5	PASS
GSM1900	661	NV	40	-15.72	-0.008362	±2.5	PASS
GSM1900	661	NV	50	-8.78	-0.004670	±2.5	PASS
EGPRS1900	661	NV	-30	-30.83	-0.016399	±2.5	PASS
EGPRS1900	661	NV	-20	-25.80	-0.013723	±2.5	PASS
EGPRS1900	661	NV	-10	-26.80	-0.014255	±2.5	PASS
EGPRS1900	661	NV	0	-29.99	-0.015952	±2.5	PASS
EGPRS1900	661	NV	10	-27.67	-0.014718	±2.5	PASS
EGPRS1900	661	NV	20	-26.83	-0.014271	±2.5	PASS
EGPRS1900	661	NV	30	-25.86	-0.013755	±2.5	PASS
EGPRS1900	661	NV	40	-22.99	-0.012229	±2.5	PASS
EGPRS1900	661	NV	50	-28.44	-0.015128	±2.5	PASS

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A.2 WCDMA BAND II/ IV/ V

Peak to Average Ratio

Test Result(WCDMA)

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9262	3.26	13	PASS
Band2	9400	3.29	13	PASS
Band2	9538	3.3	13	PASS
Band4	1312	3.29	13	PASS
Band4	1413	3.28	13	PASS
Band4	1513	3.18	13	PASS
Band5	4132	3.3	13	PASS
Band5	4182	3.21	13	PASS
Band5	4233	3.27	13	PASS

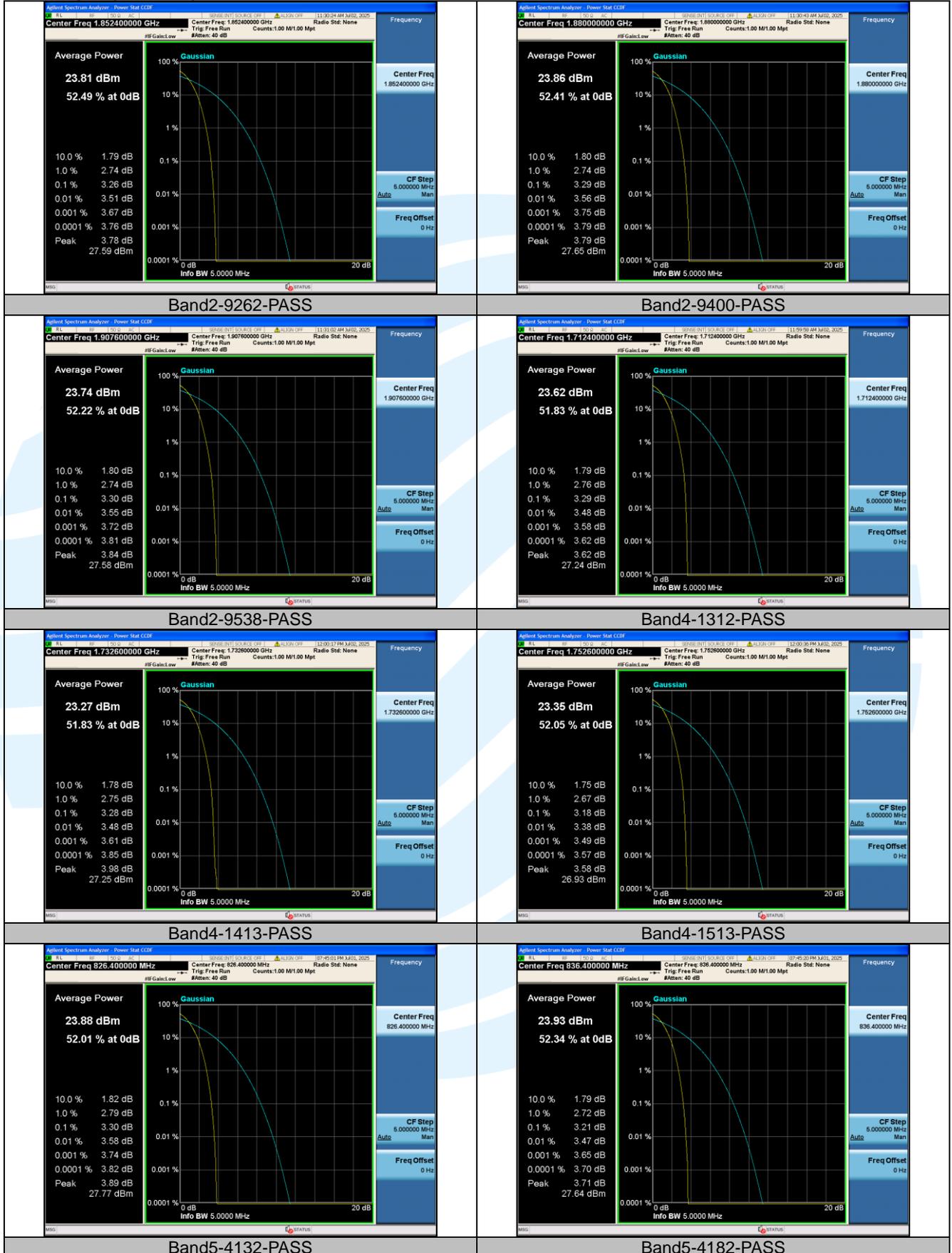
Test Result(HSDPA)

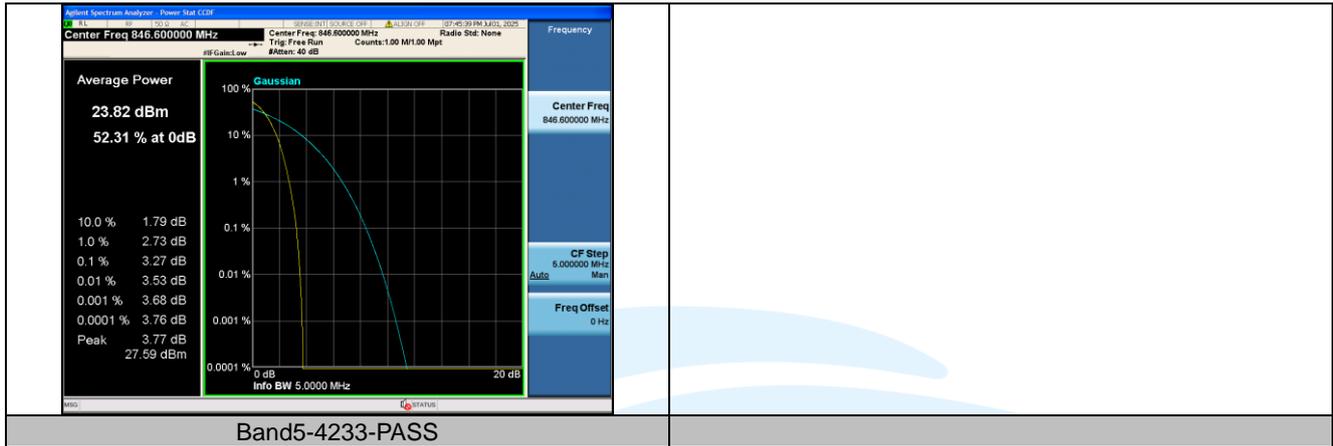
Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9262	1	3.31	13	PASS
Band2	9400	1	3.32	13	PASS
Band2	9538	1	3.34	13	PASS
Band4	1312	1	3.33	13	PASS
Band4	1413	1	3.29	13	PASS
Band4	1513	1	3.25	13	PASS
Band5	4132	1	3.31	13	PASS
Band5	4182	1	3.24	13	PASS
Band5	4233	1	3.29	13	PASS

Test Result(HSUPA)

Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9262	1	4.78	13	PASS
Band2	9400	1	4.76	13	PASS
Band2	9538	1	4.81	13	PASS
Band4	1312	1	4.81	13	PASS
Band4	1413	1	4.78	13	PASS
Band4	1513	1	4.69	13	PASS
Band5	4132	1	4.75	13	PASS
Band5	4182	1	4.69	13	PASS
Band5	4233	1	4.72	13	PASS

Test Graphs(WCDMA)





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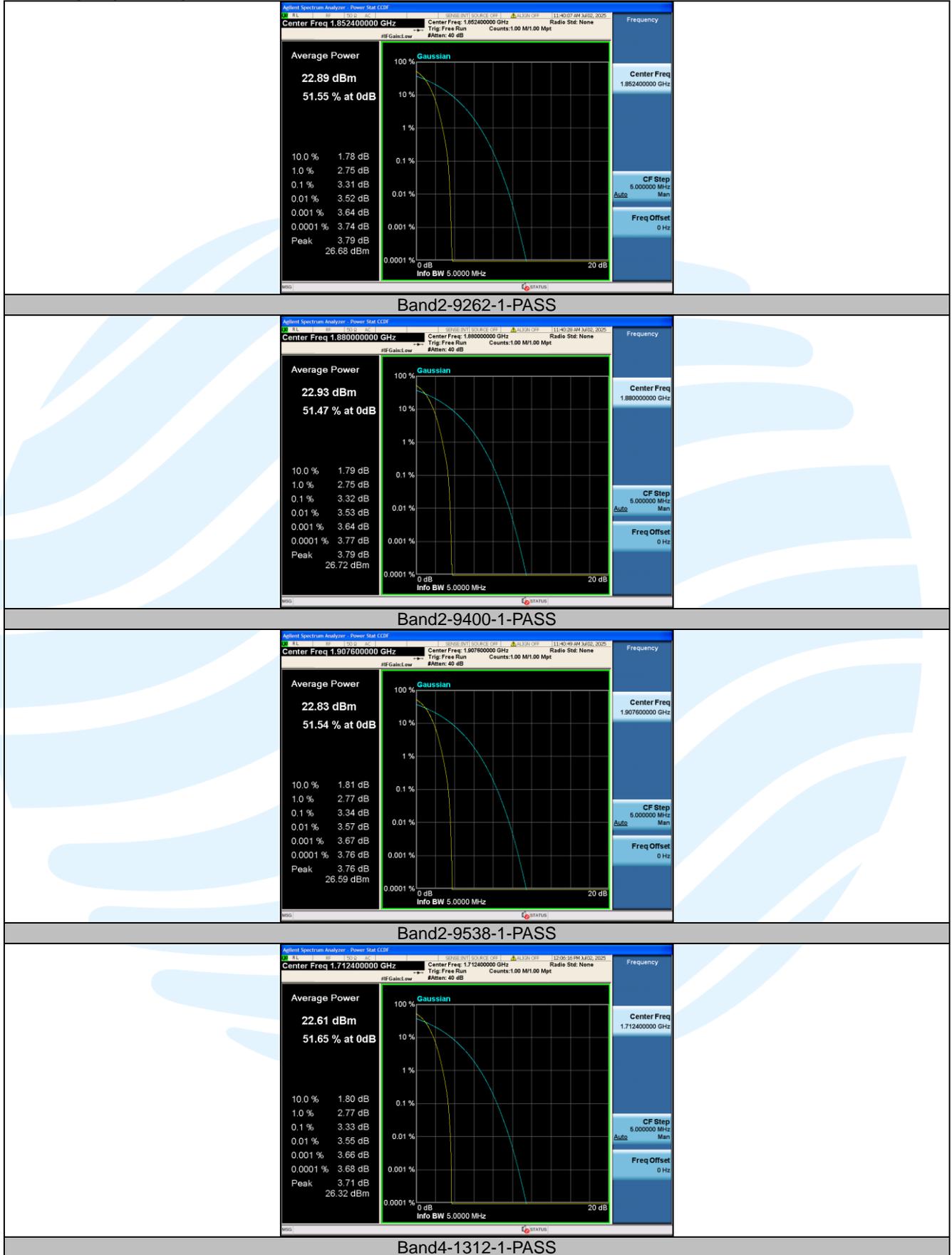
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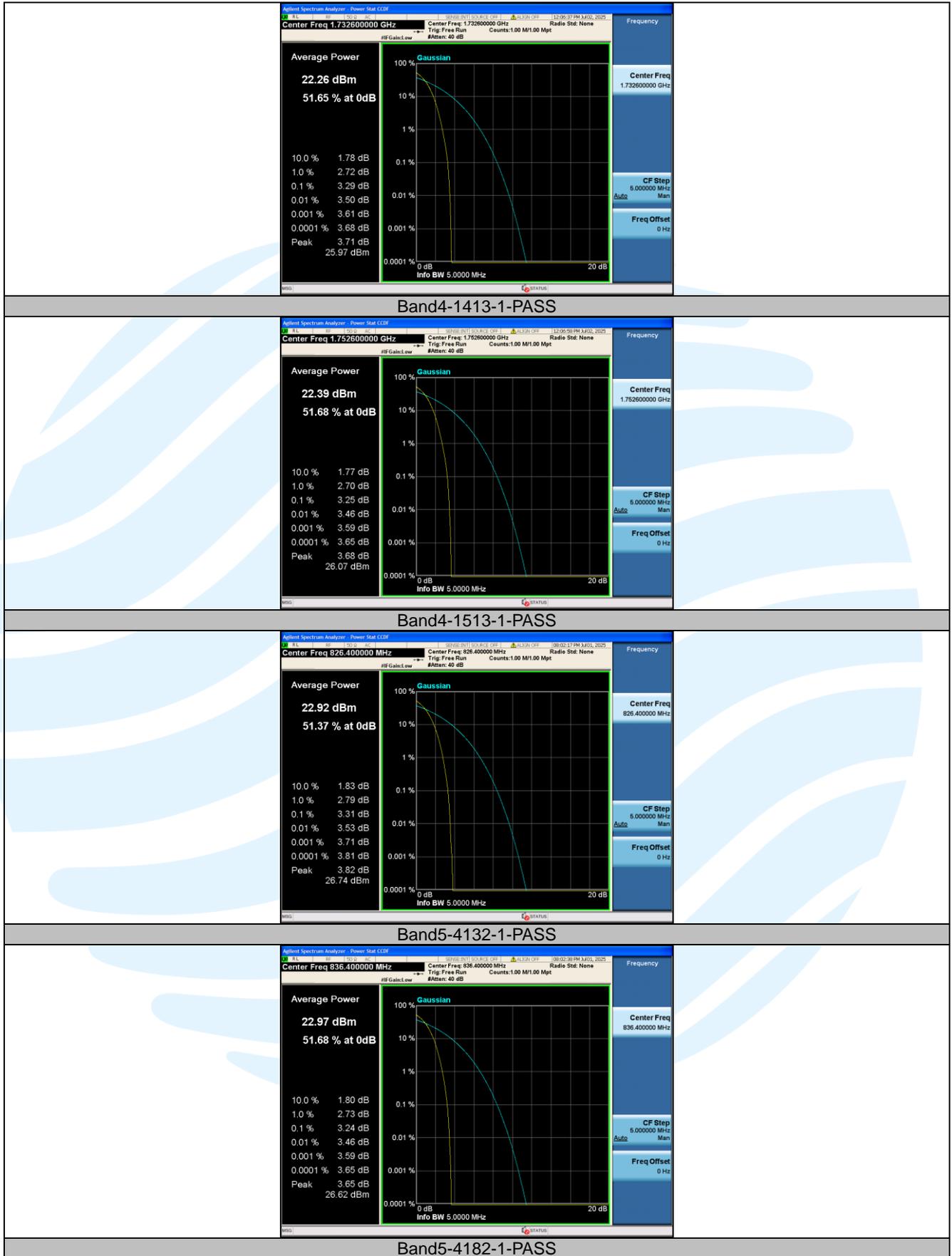
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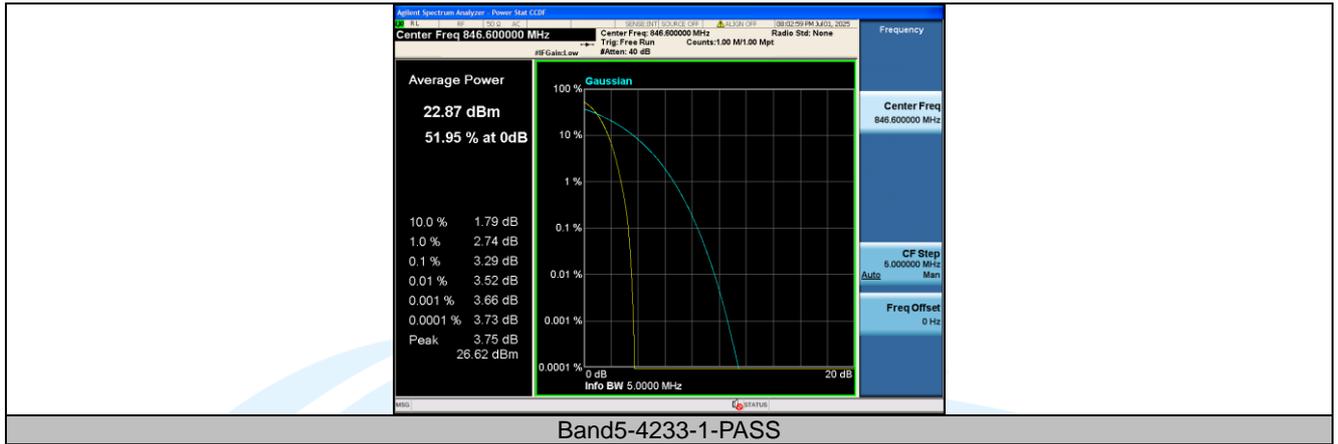
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Test Graphs(HSDPA)







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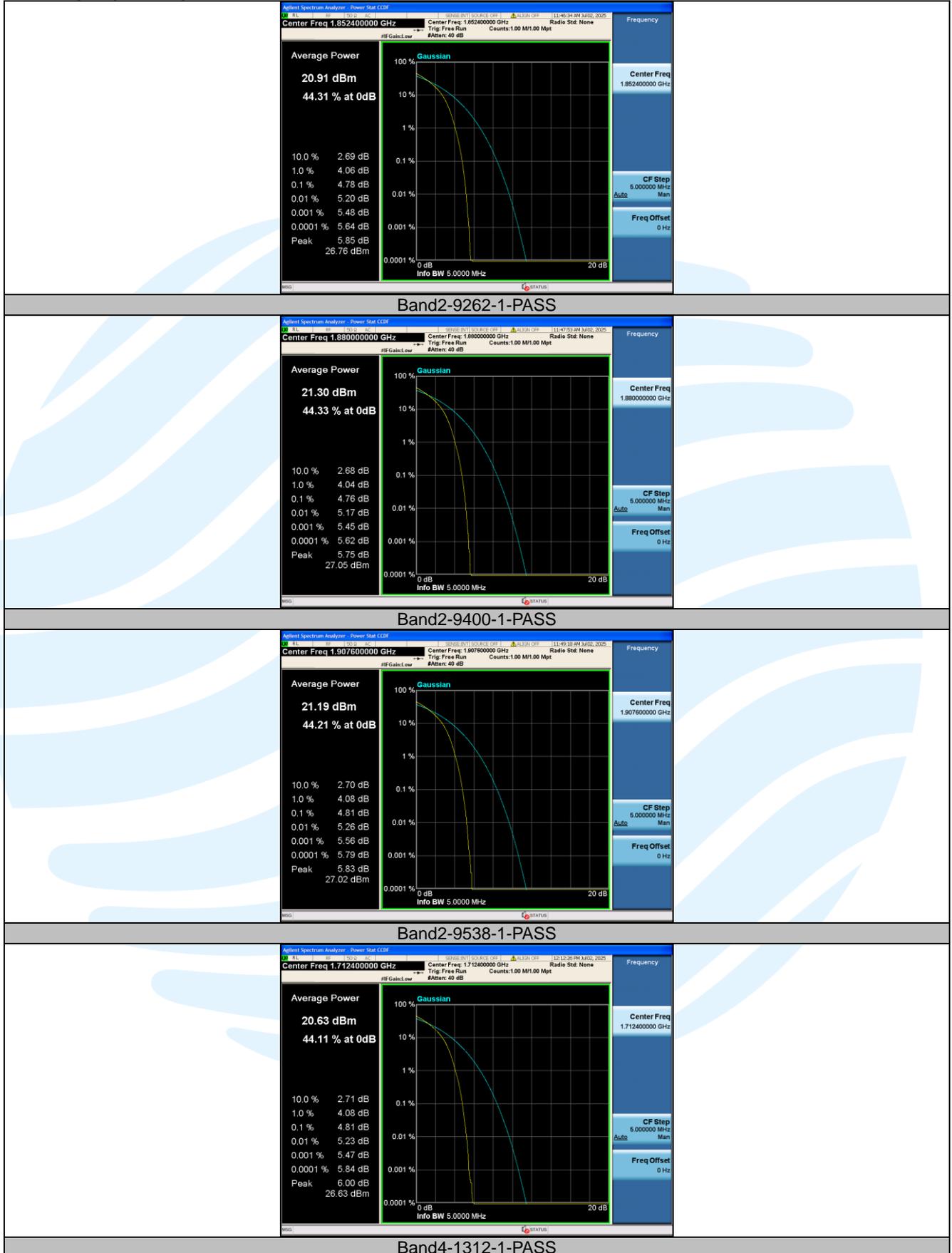
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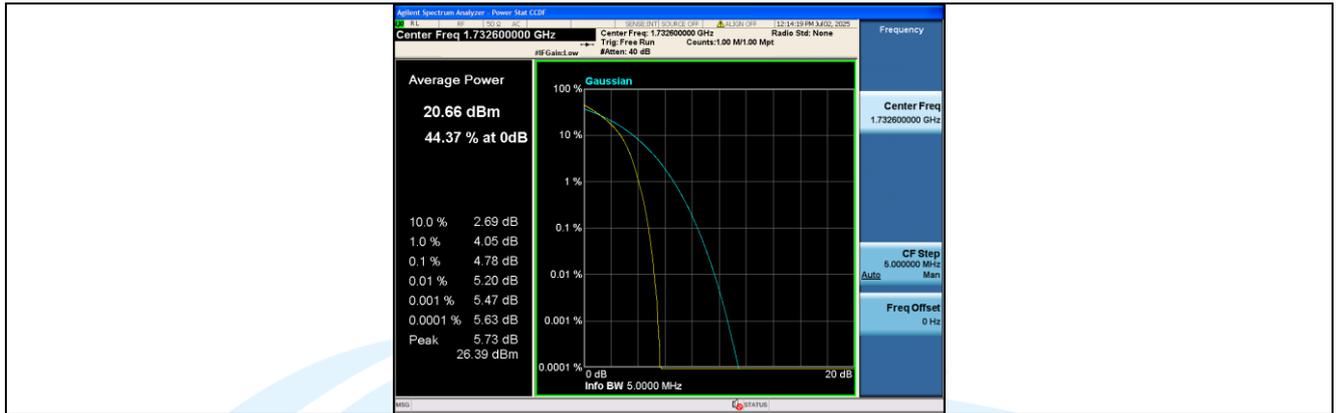
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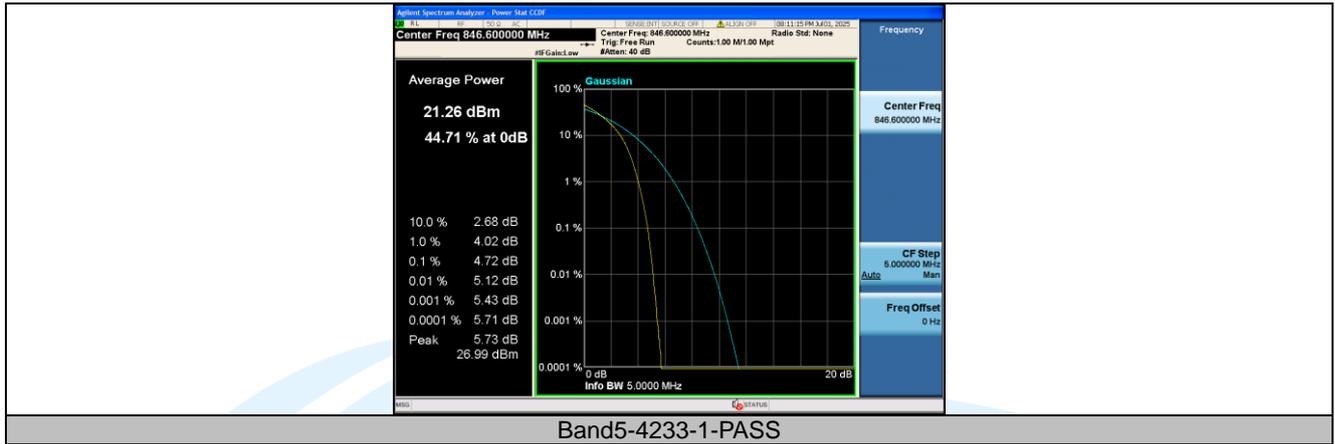
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Test Graphs(HSUPA)







Band5-4233-1-PASS

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**Occupied Bandwidth
Test Result(WCDMA)**

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(MHz)	Verdict
Band2	9262	4.1520	4.682	---	PASS
Band2	9400	4.1575	4.683	---	PASS
Band2	9538	4.1575	4.686	---	PASS
Band4	1312	4.1567	4.680	---	PASS
Band4	1413	4.1521	4.685	---	PASS
Band4	1513	4.1572	4.690	---	PASS
Band5	4132	4.1595	4.682	---	PASS
Band5	4182	4.1537	4.685	---	PASS
Band5	4233	4.1502	4.681	---	PASS

Test Result(HSDPA)

Band	Channel	SubTest	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(MHz)	Verdict
Band2	9262	1	4.1552	4.689	---	PASS
Band2	9400	1	4.1541	4.692	---	PASS
Band2	9538	1	4.1646	4.683	---	PASS
Band4	1312	1	4.1620	4.678	---	PASS
Band4	1413	1	4.1624	4.691	---	PASS
Band4	1513	1	4.1569	4.688	---	PASS
Band5	4132	1	4.1662	4.700	---	PASS
Band5	4182	1	4.1583	4.687	---	PASS
Band5	4233	1	4.1543	4.685	---	PASS

Test Result(HSUPA)

Band	Channel	SubTest	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(MHz)	Verdict
Band2	9262	1	4.1769	4.699	---	PASS
Band2	9400	1	4.1779	4.693	---	PASS
Band2	9538	1	4.1891	4.708	---	PASS
Band4	1312	1	4.1789	4.696	---	PASS
Band4	1413	1	4.1851	4.702	---	PASS
Band4	1513	1	4.1783	4.705	---	PASS
Band5	4132	1	4.1857	4.702	---	PASS
Band5	4182	1	4.1768	4.711	---	PASS
Band5	4233	1	4.1773	4.691	---	PASS

Test Graphs(WCDMA)

