

2G

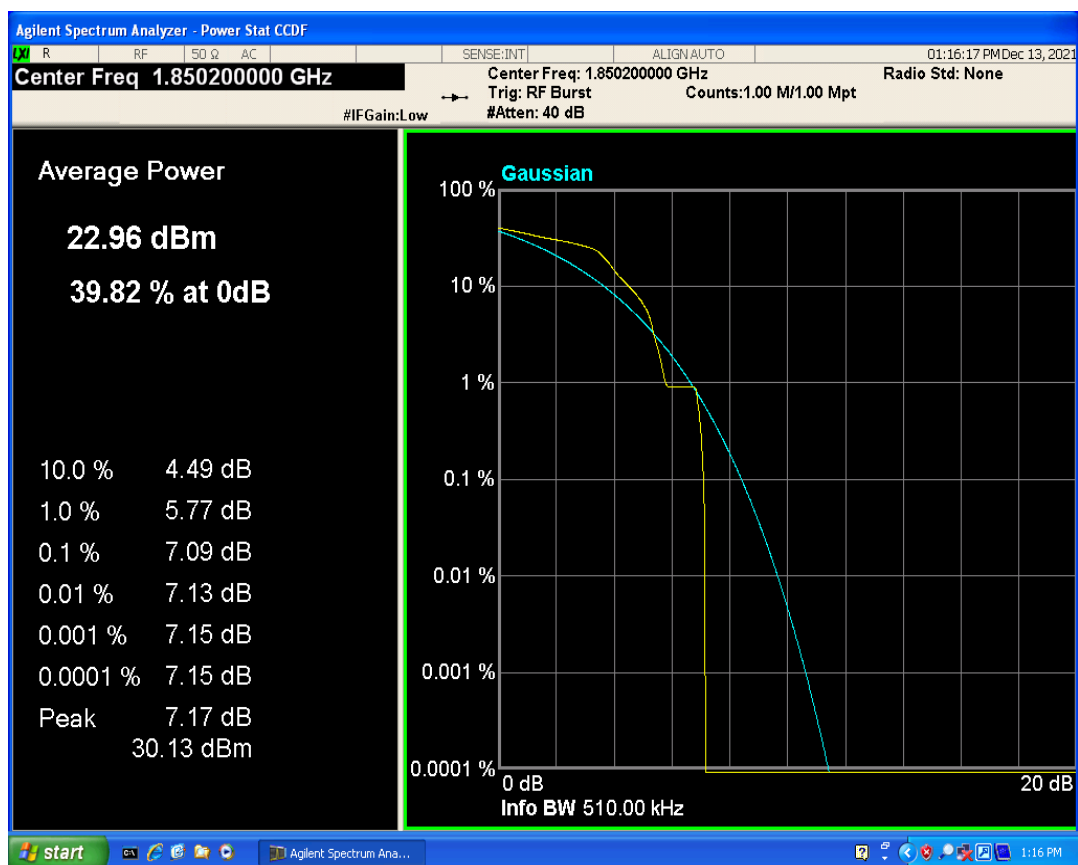
13 Conducted output power

Band	Channel	Frequency (MHz)	Power (dBm)	Verdict
EGPRS1900 1 Slot	512	1850.2	24.64	PASS
EGPRS1900 1 Slot	661	1880	24.21	PASS
EGPRS1900 1 Slot	810	1909.8	24.03	PASS
EGPRS1900 2 Slot	512	1850.2	24.89	PASS
EGPRS1900 2 Slot	661	1880	23.76	PASS
EGPRS1900 2 Slot	810	1909.8	23.17	PASS
EGPRS1900 3 Slot	512	1850.2	24.22	PASS
EGPRS1900 3 Slot	661	1880	23.89	PASS
EGPRS1900 3 Slot	810	1909.8	23.26	PASS
EGPRS1900 4 Slot	512	1850.2	24.10	PASS
EGPRS1900 4 Slot	661	1880	23.90	PASS
EGPRS1900 4 Slot	810	1909.8	23.61	PASS
EGPRS850 1 Slot	128	824.2	25.73	PASS
EGPRS850 1 Slot	189	836.4	24.72	PASS
EGPRS850 1 Slot	251	848.8	24.90	PASS
EGPRS850 2 Slot	128	824.2	25.16	PASS
EGPRS850 2 Slot	189	836.4	24.78	PASS
EGPRS850 2 Slot	251	848.8	25.12	PASS
EGPRS850 3 Slot	128	824.2	25.44	PASS
EGPRS850 3 Slot	189	836.4	24.94	PASS
EGPRS850 3 Slot	251	848.8	25.11	PASS
EGPRS850 4 Slot	128	824.2	25.28	PASS
EGPRS850 4 Slot	189	836.4	24.86	PASS
EGPRS850 4 Slot	251	848.8	24.31	PASS

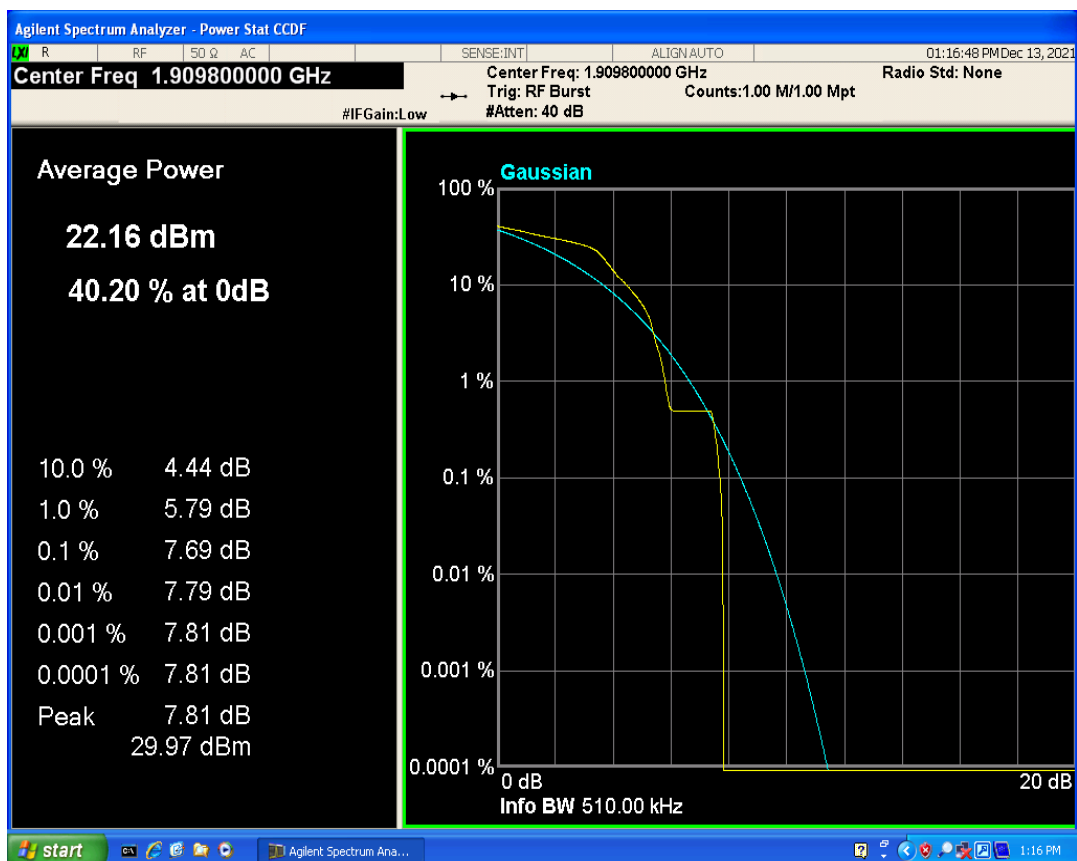
15 Peak-to-Average Ratio

Band	Channel	Frequency (MHz)	Result (dB)	high Limit (dB)	Verdict
EGPRS1900	512	1850.2	7.085248619	13.00	PASS
EGPRS1900	661	1880	7.479150943	13.00	PASS
EGPRS1900	810	1909.8	7.689074074	13.00	PASS
EGPRS850	128	824.2	9.083110048	13.00	PASS
EGPRS850	189	836.4	9.281	13.00	PASS
EGPRS850	251	848.8	9.318129496	13.00	PASS

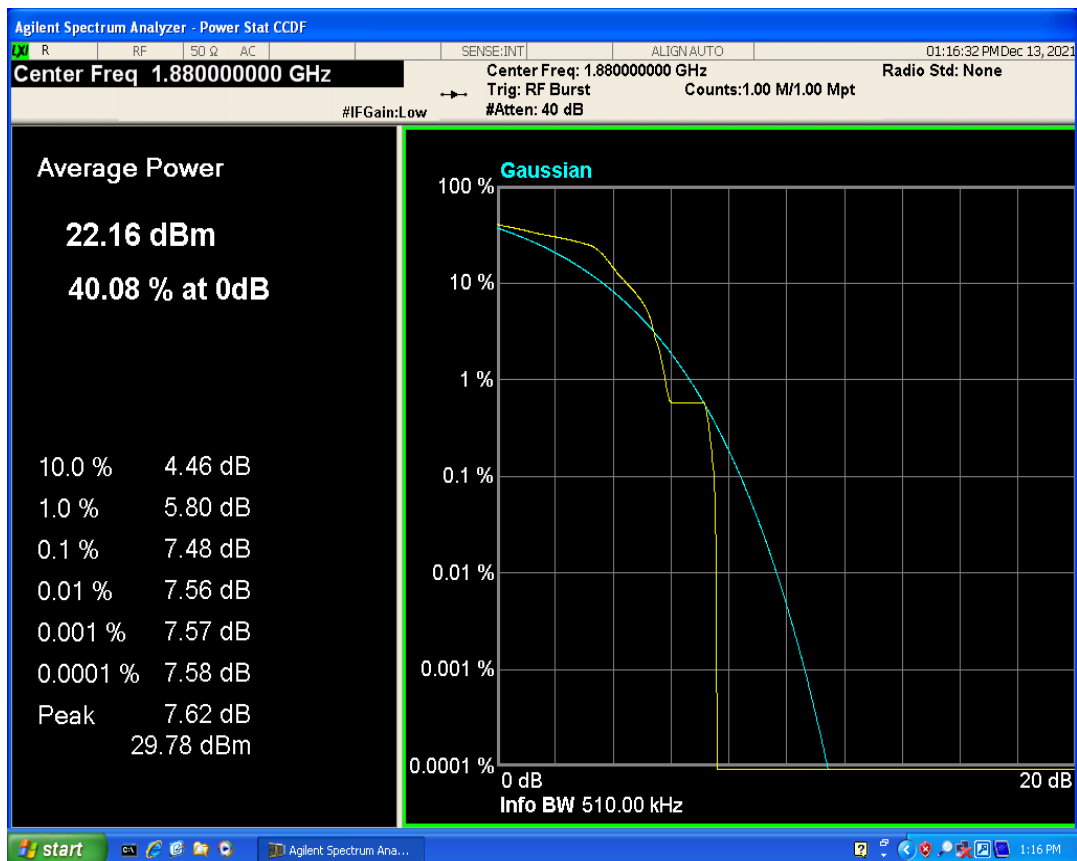
EGPRS1900 Channel=512



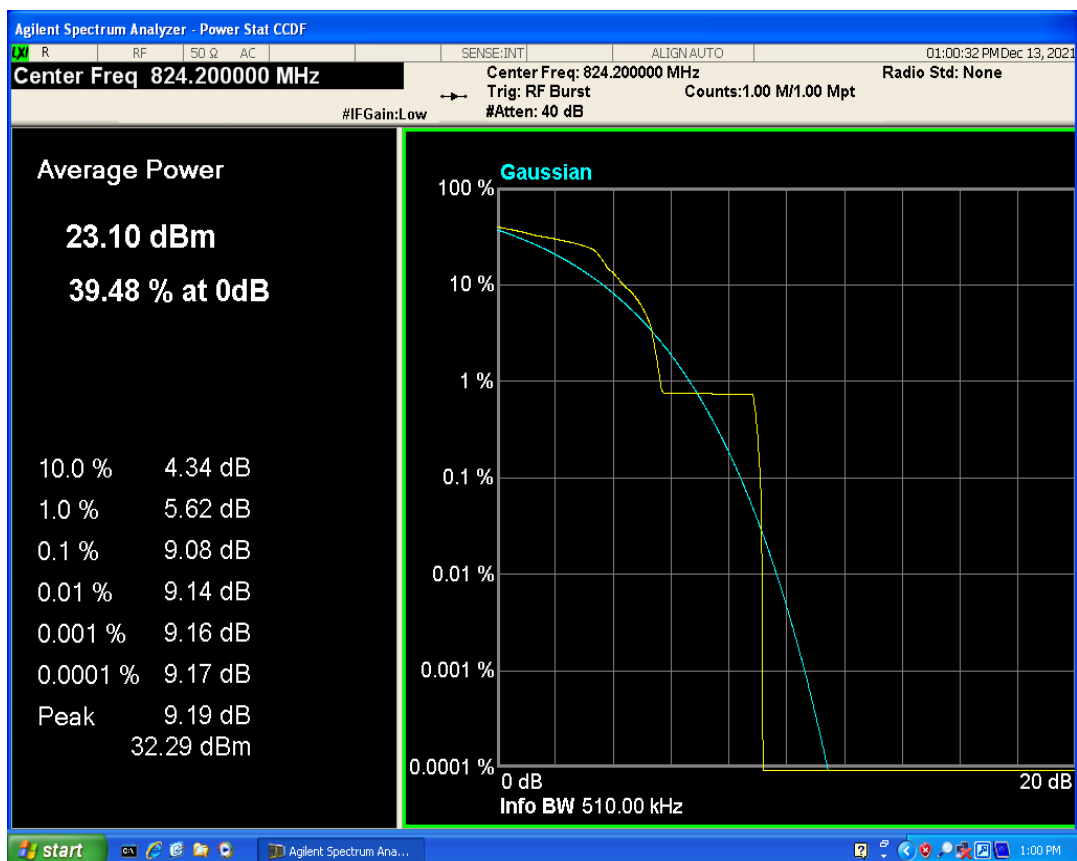
EGPRS1900 Channel=810



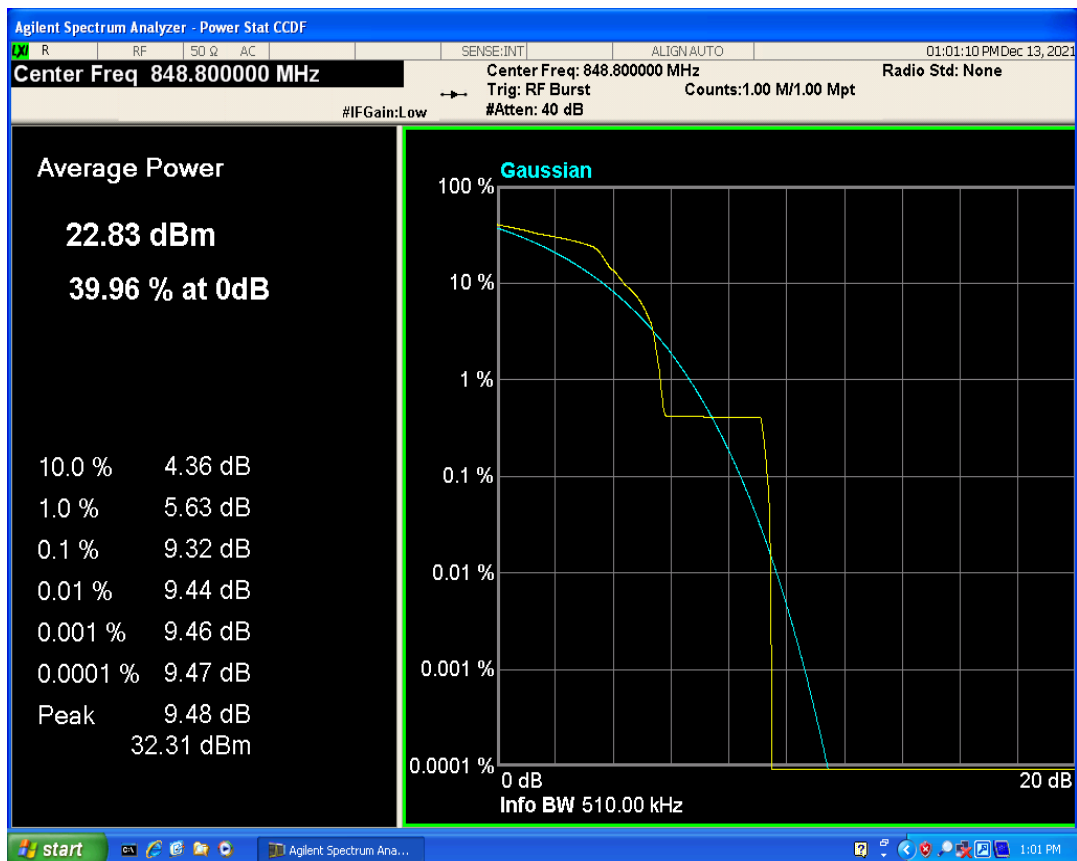
EGPRS1900 Channel=661



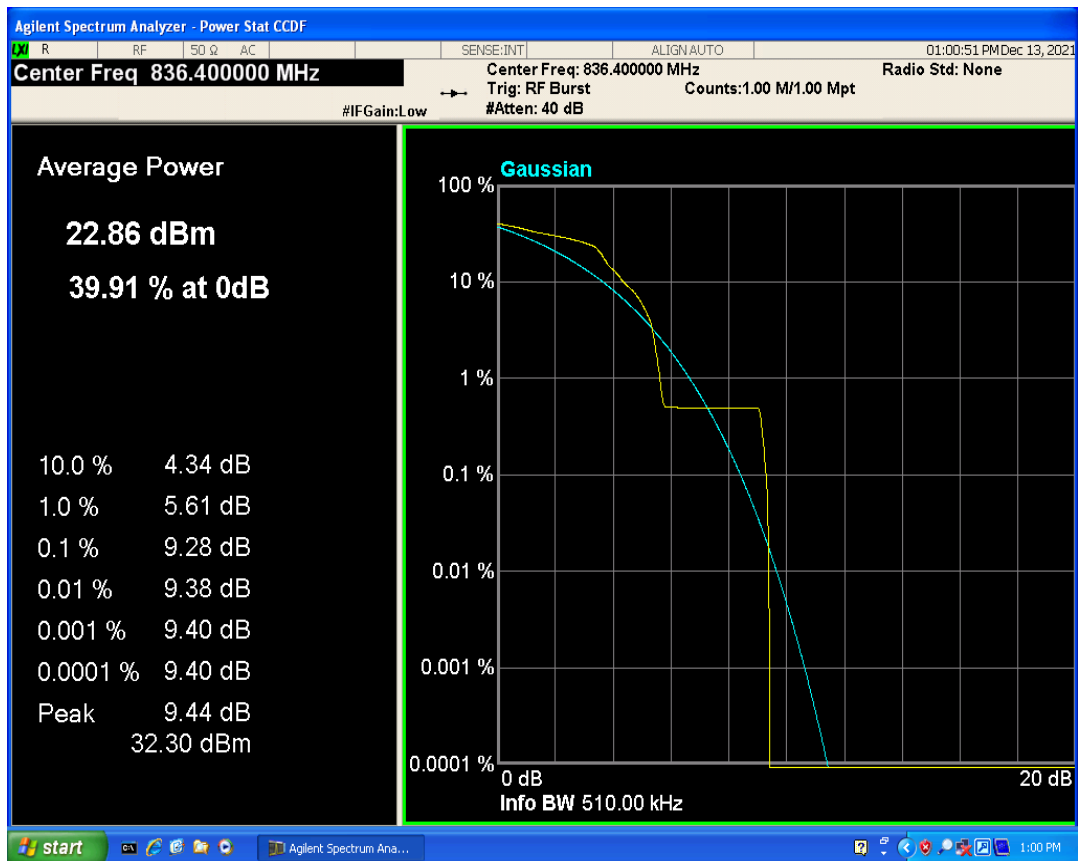
EGPRS850 Channel=128



EGPRS850 Channel=251



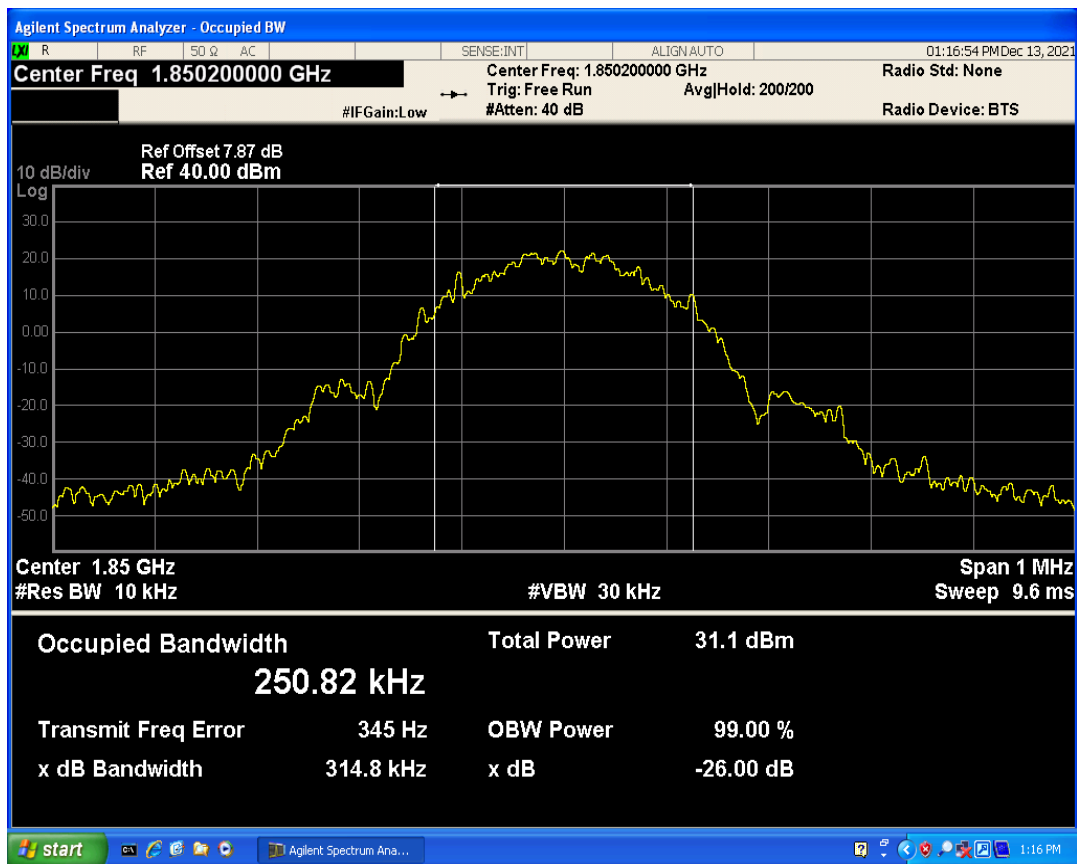
EGPRS850 Channel=189



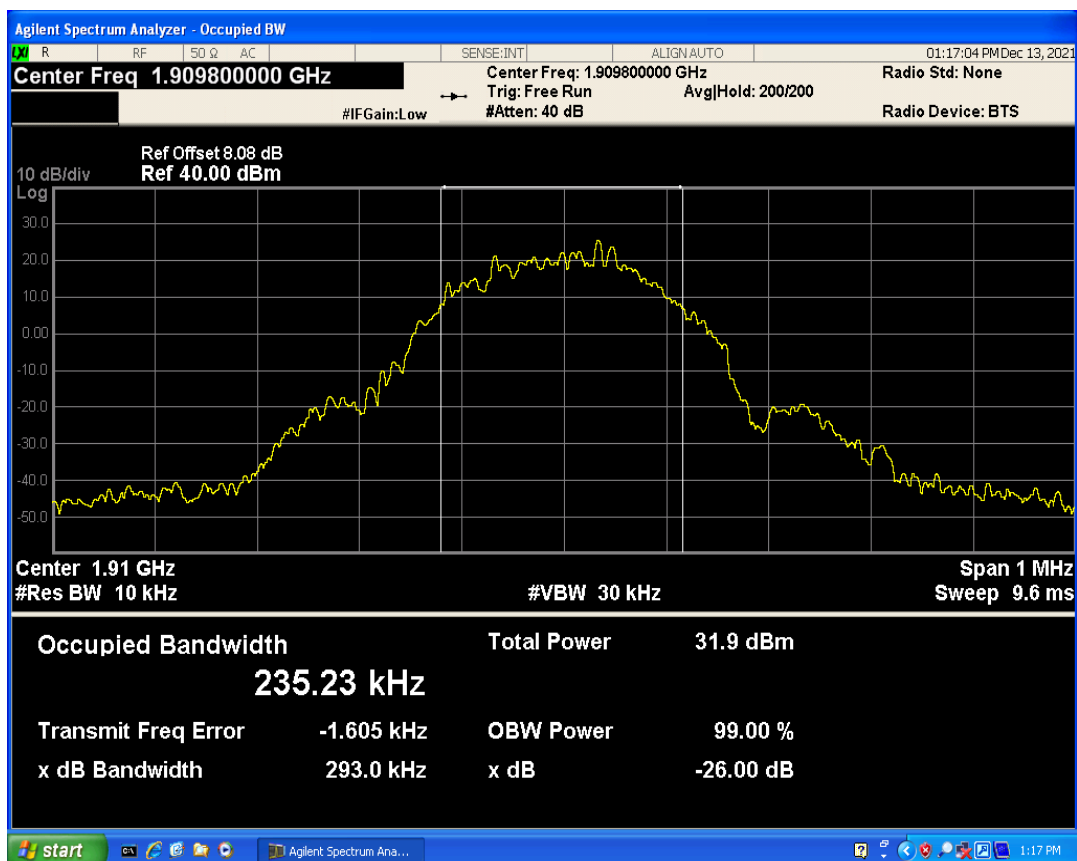
16 Occupied bandwidth

Band	Channel	Frequency (MHz)	99% OBW (kHz)	-26dB EBW (kHz)	Verdict
EGPRS1900	512	1850.2	250.817	314.821	PASS
EGPRS1900	661	1880	248.619	310.561	PASS
EGPRS1900	810	1909.8	235.234	293.020	PASS
EGPRS850	128	824.2	237.921	301.749	PASS
EGPRS850	189	836.4	245.845	311.835	PASS
EGPRS850	251	848.8	236.663	278.969	PASS

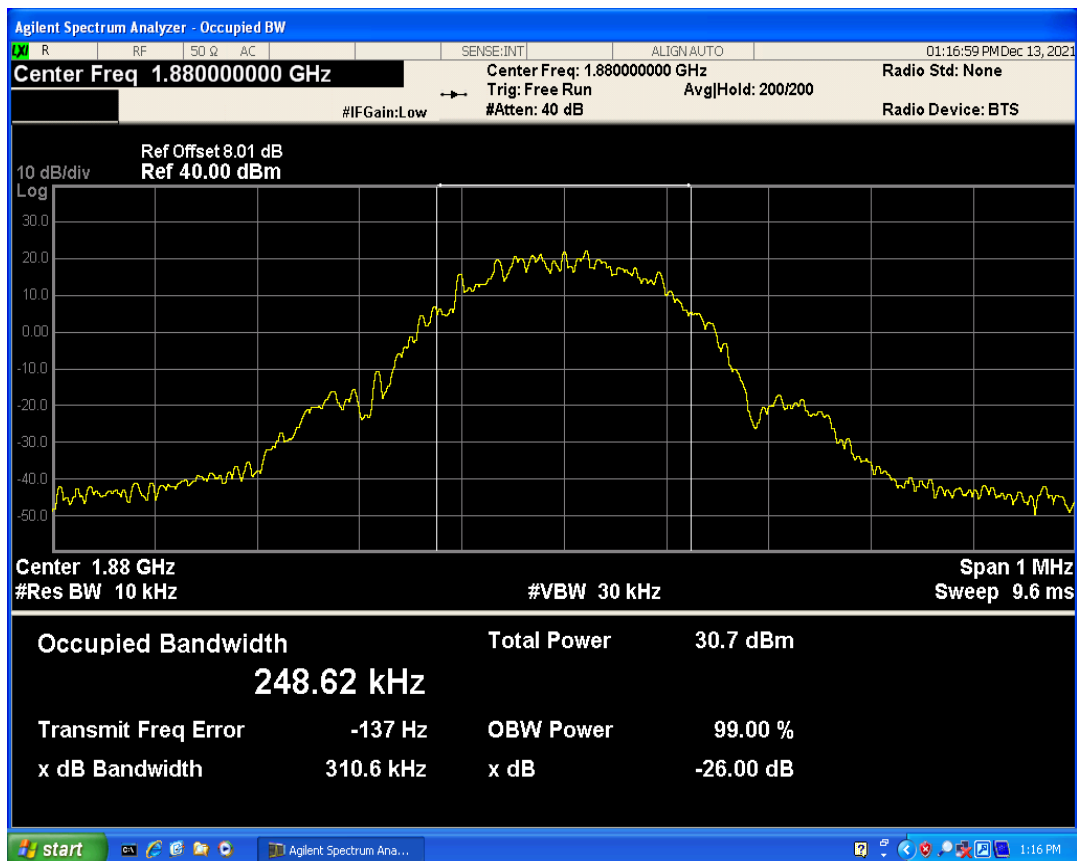
EGPRS1900 Channel=512



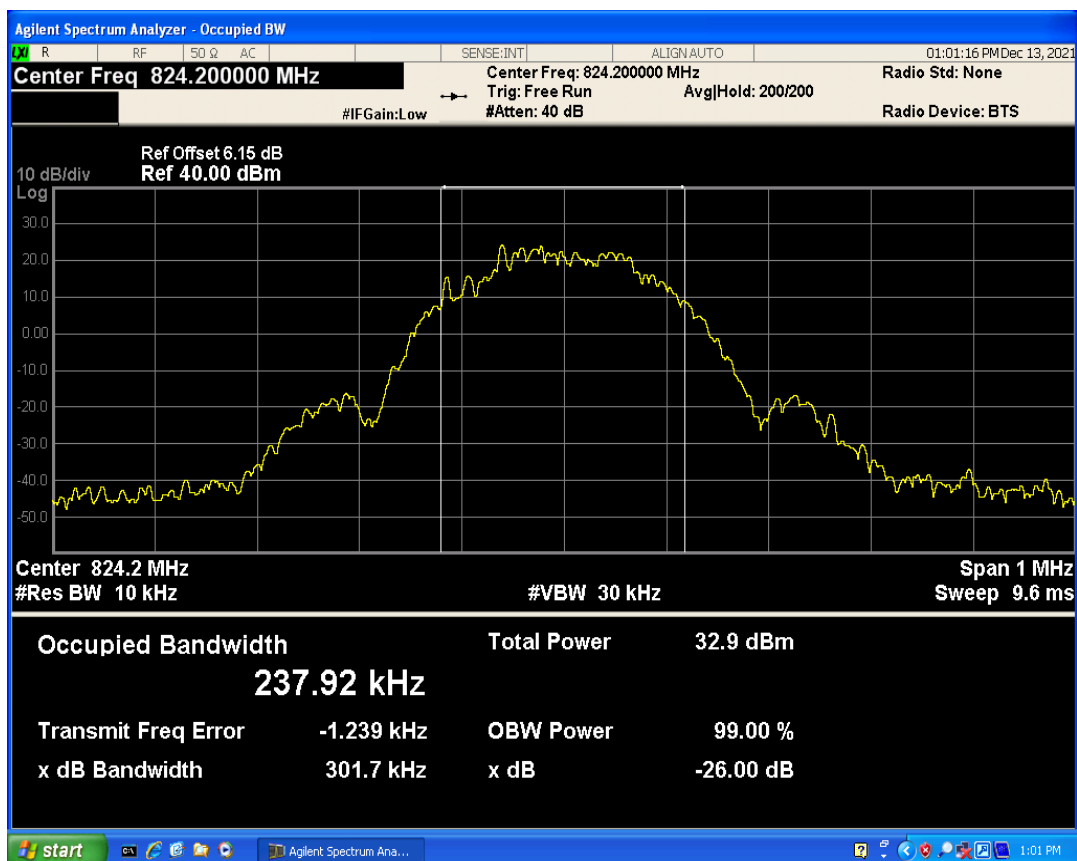
EGPRS1900 Channel=810



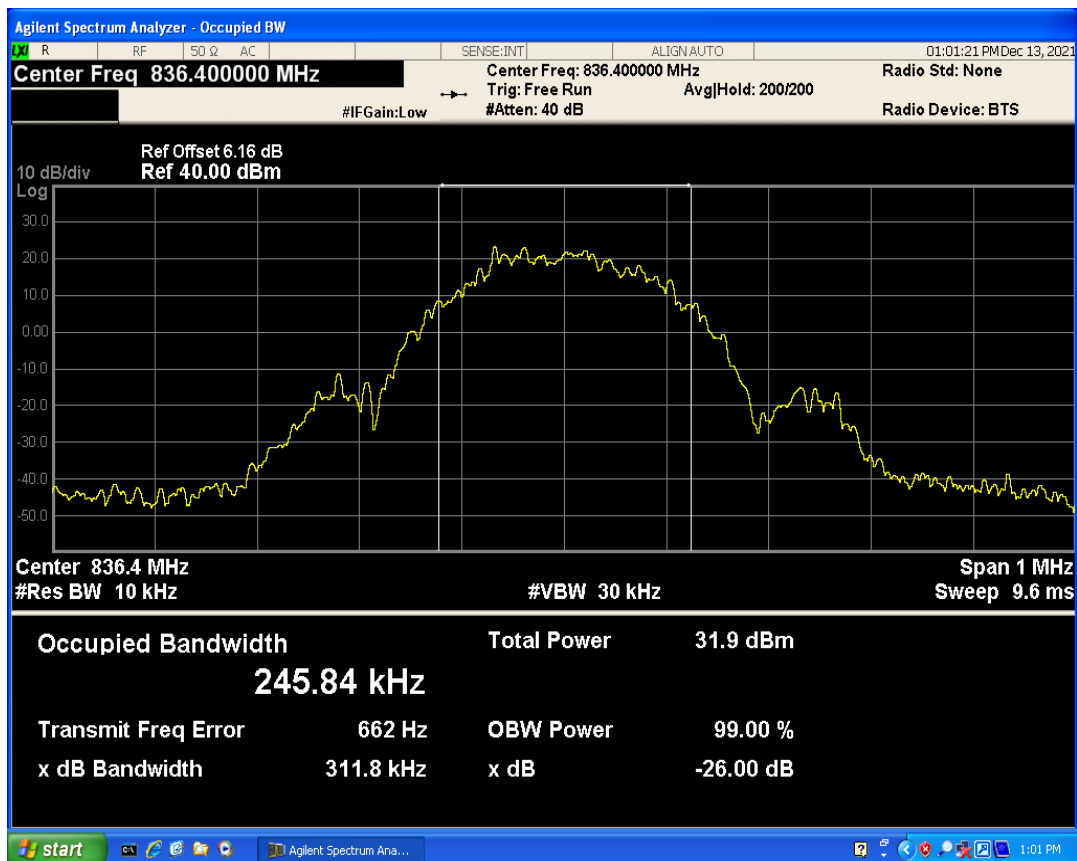
EGPRS1900 Channel=661



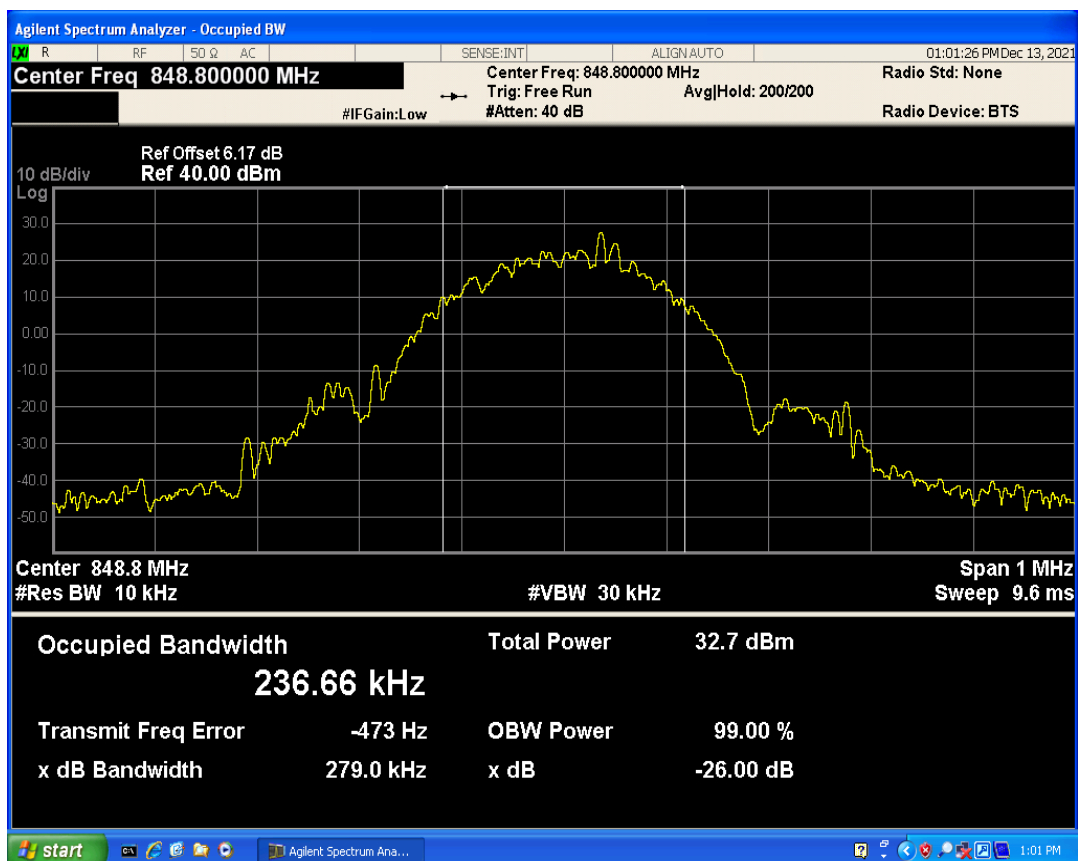
EGPRS850 Channel=128



EGPRS850 Channel=189



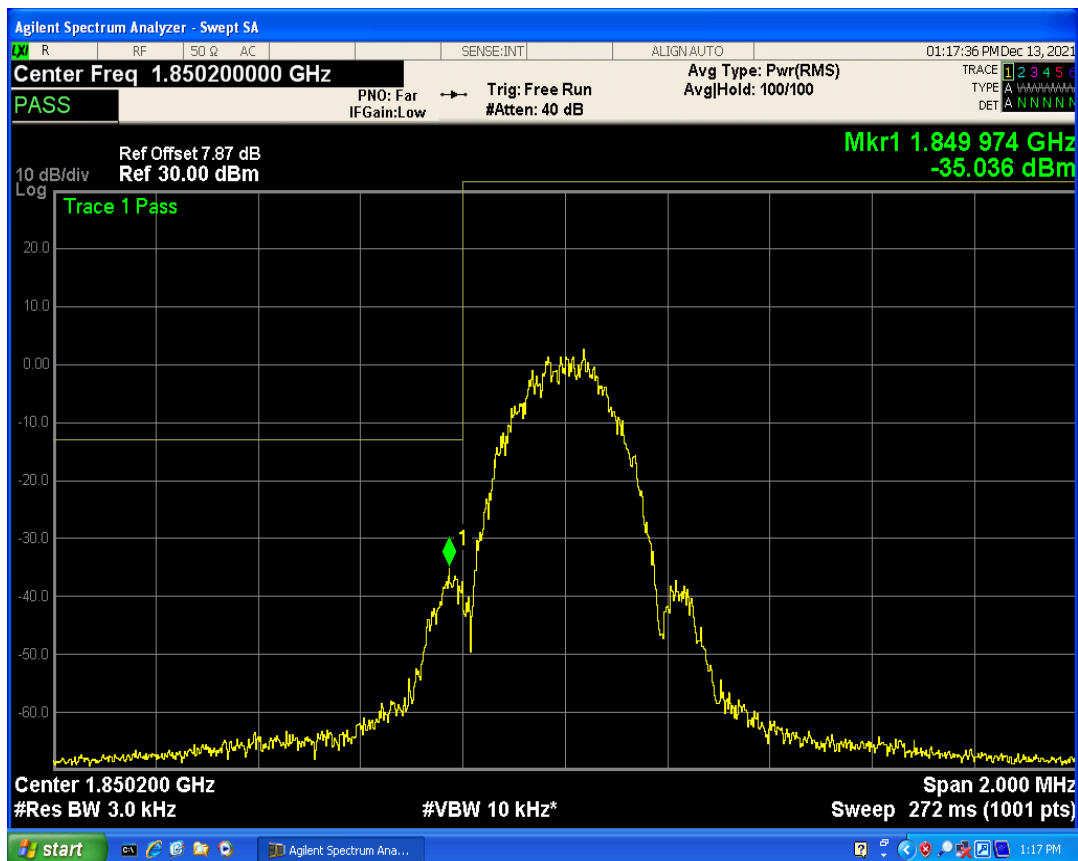
EGPRS850 Channel=251



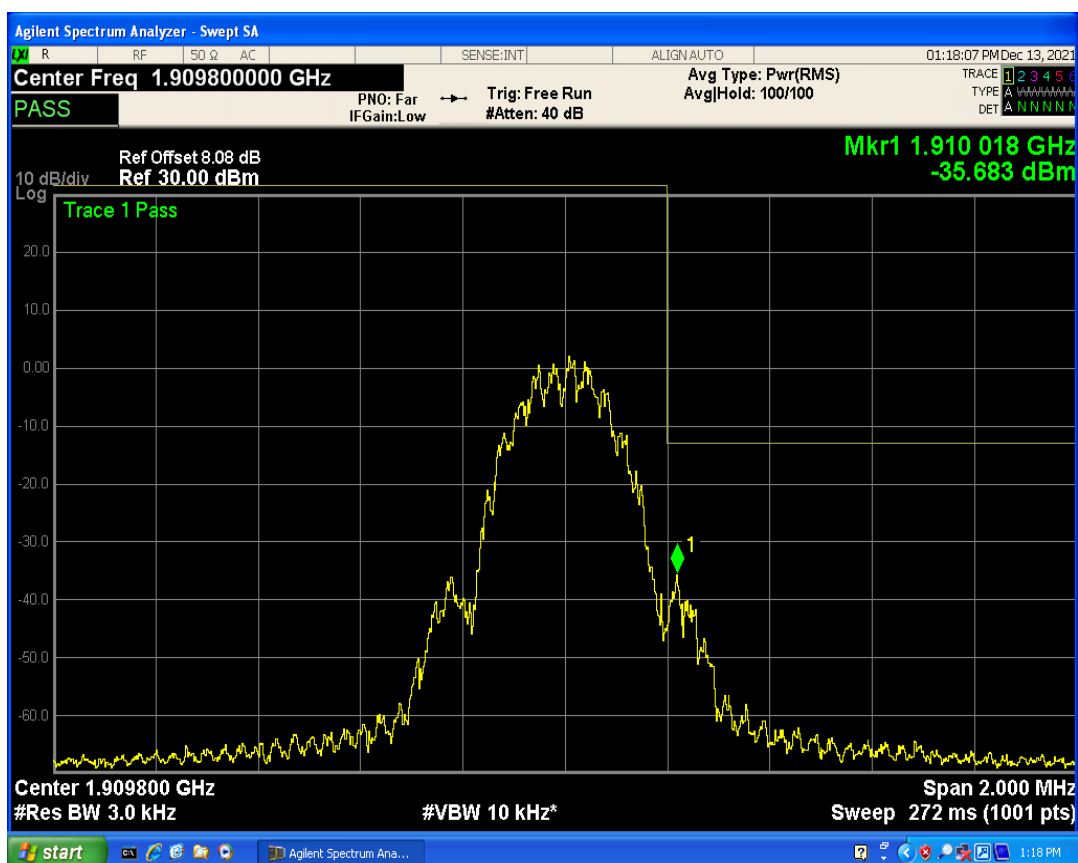
17 Band edge

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
EGPRS1900	512	1850.2	1849.97	-35.03	-13	PASS
EGPRS1900	810	1909.8	1910.02	-35.68	-13	PASS
EGPRS850	128	824.2	823.99	-34.35	-13	PASS
EGPRS850	251	848.8	849.03	-37.43	-13	PASS

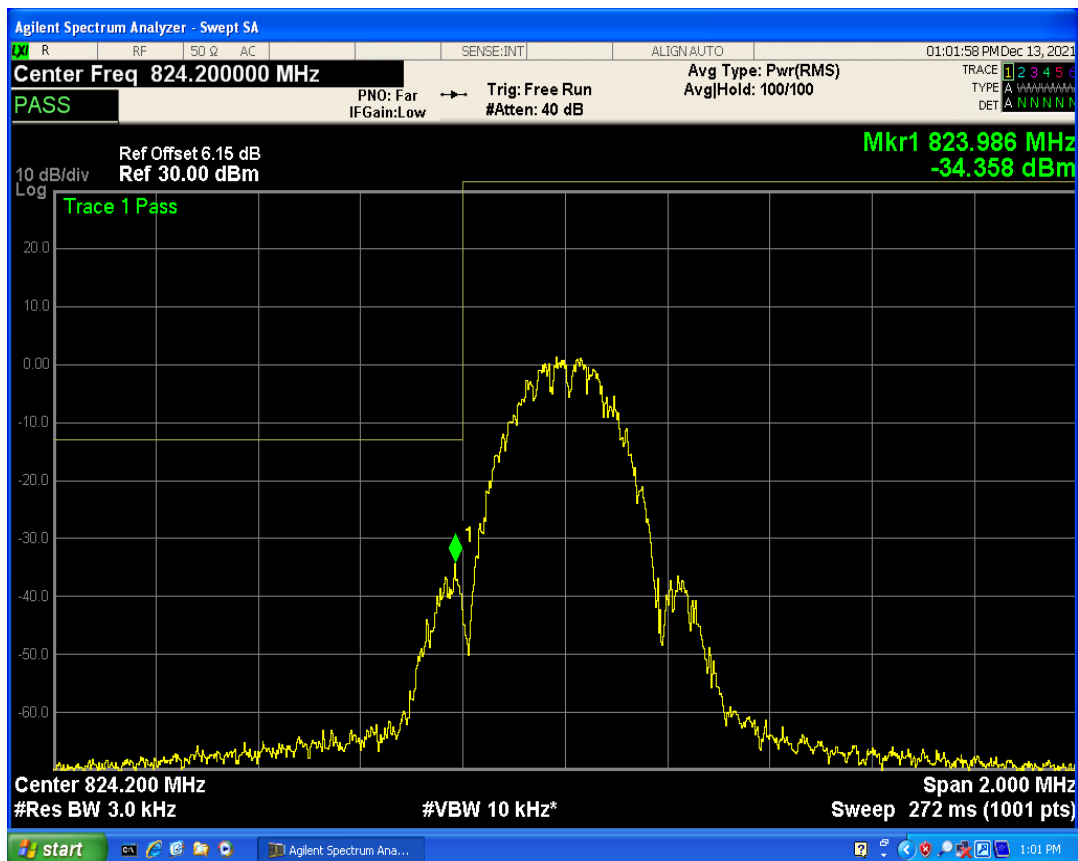
EGPRS1900 Channel=512



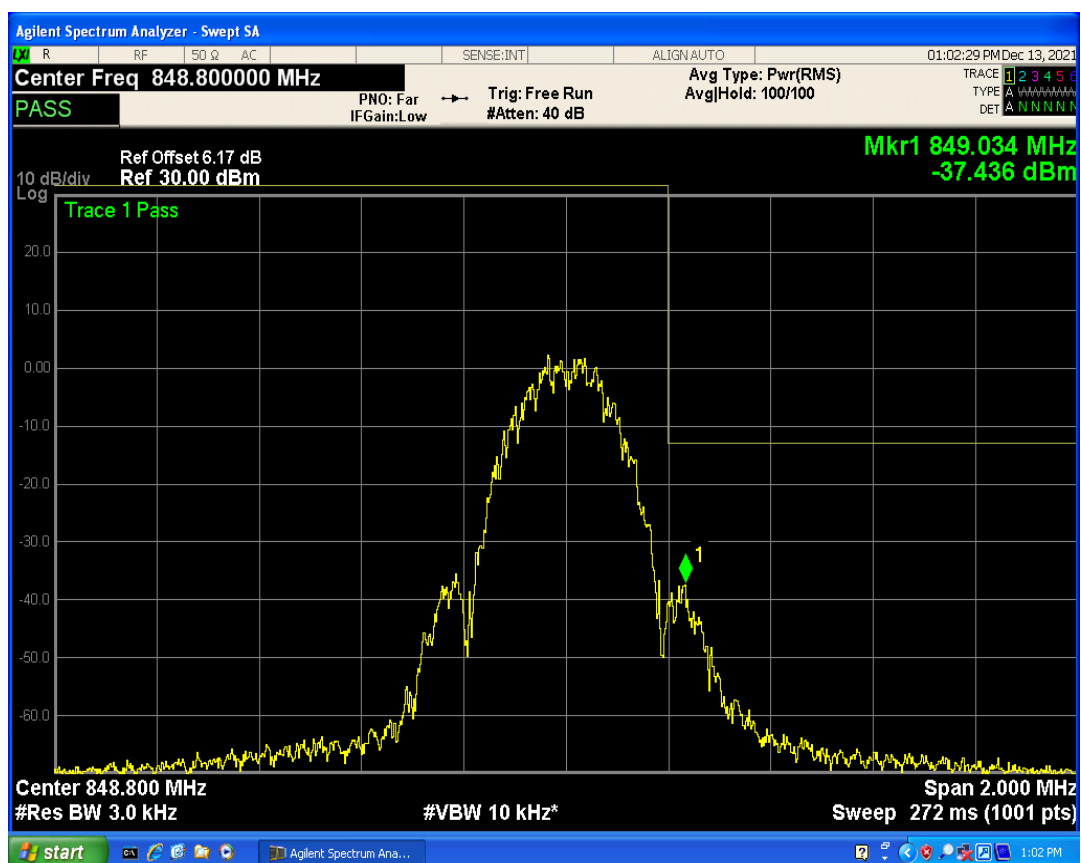
EGPRS1900 Channel=810



EGPRS850 Channel=128



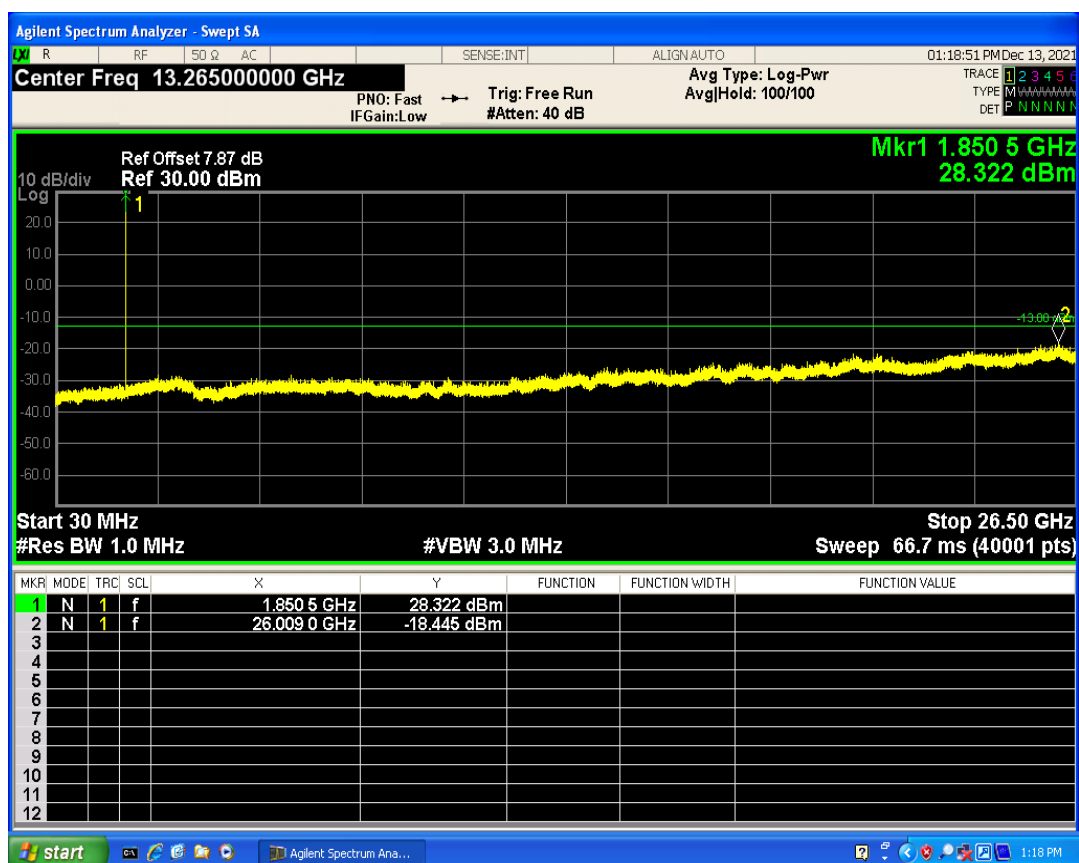
EGPRS850 Channel=251



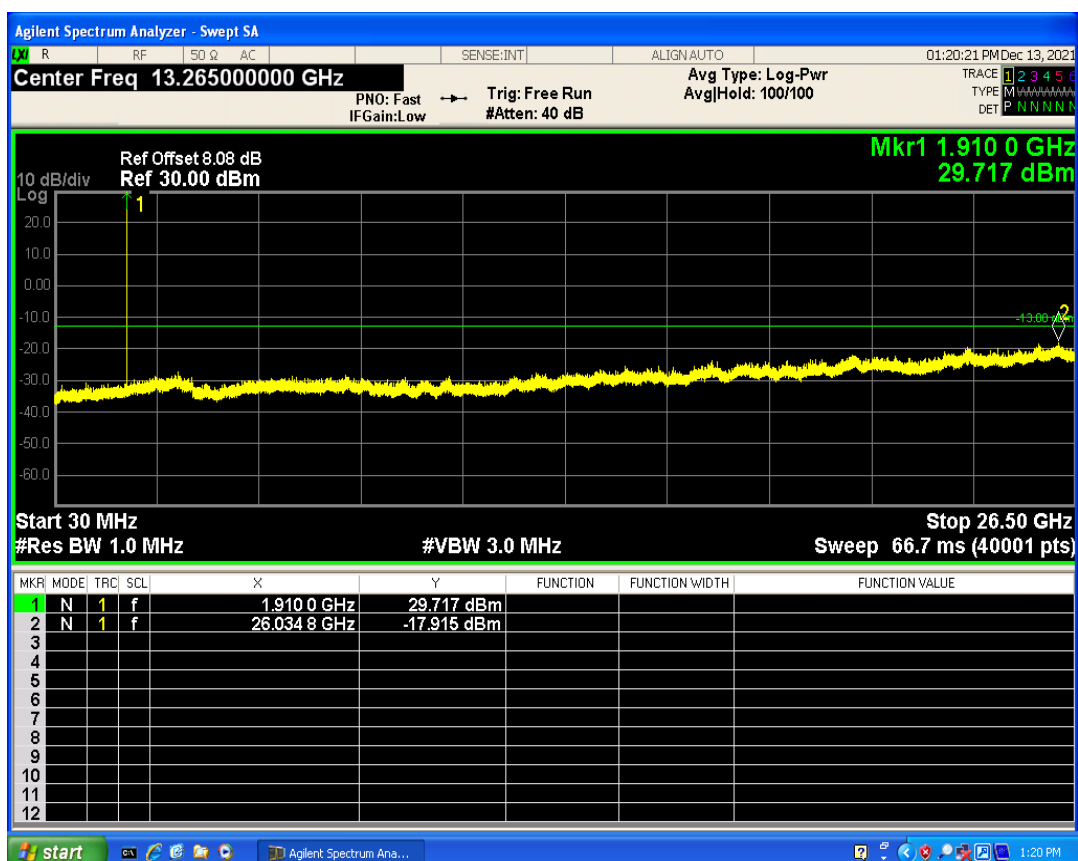
18 Out-of-band emissions

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
EGPRS1900	512	1850.2	26008.98	-18.44	-13	PASS
EGPRS1900	661	1880	25967.95	-18.07	-13	PASS
EGPRS1900	810	1909.8	26034.79	-17.91	-13	PASS
EGPRS850	128	824.2	26048.02	-20.68	-13	PASS
EGPRS850	189	836.4	25954.06	-20.42	-13	PASS
EGPRS850	251	848.8	25995.75	-20.27	-13	PASS

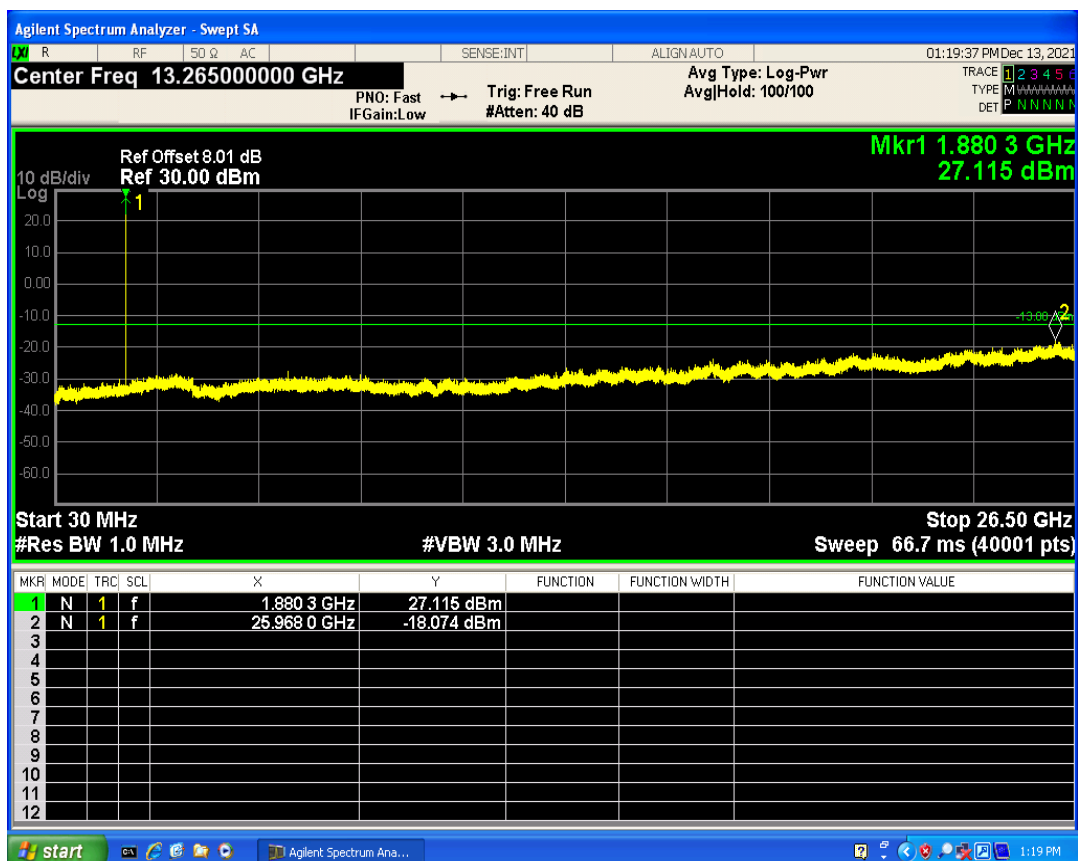
EGPRS1900 Channel=512



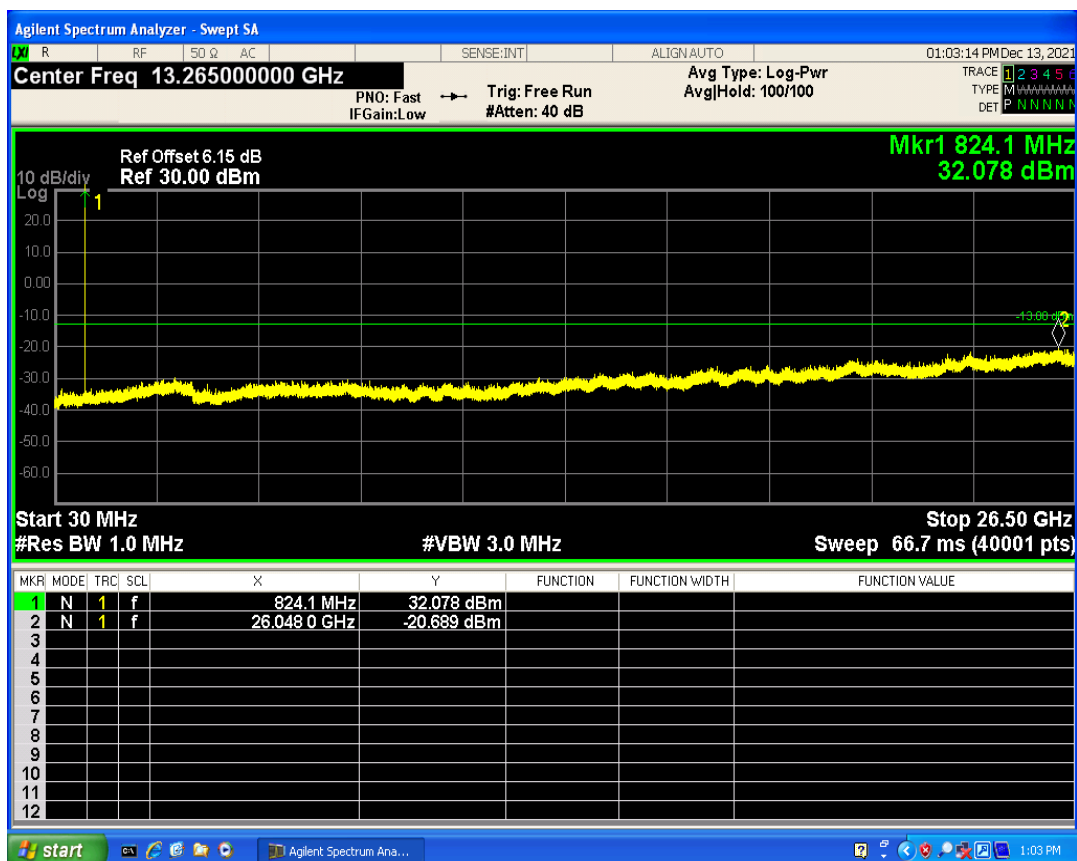
EGPRS1900 Channel=810



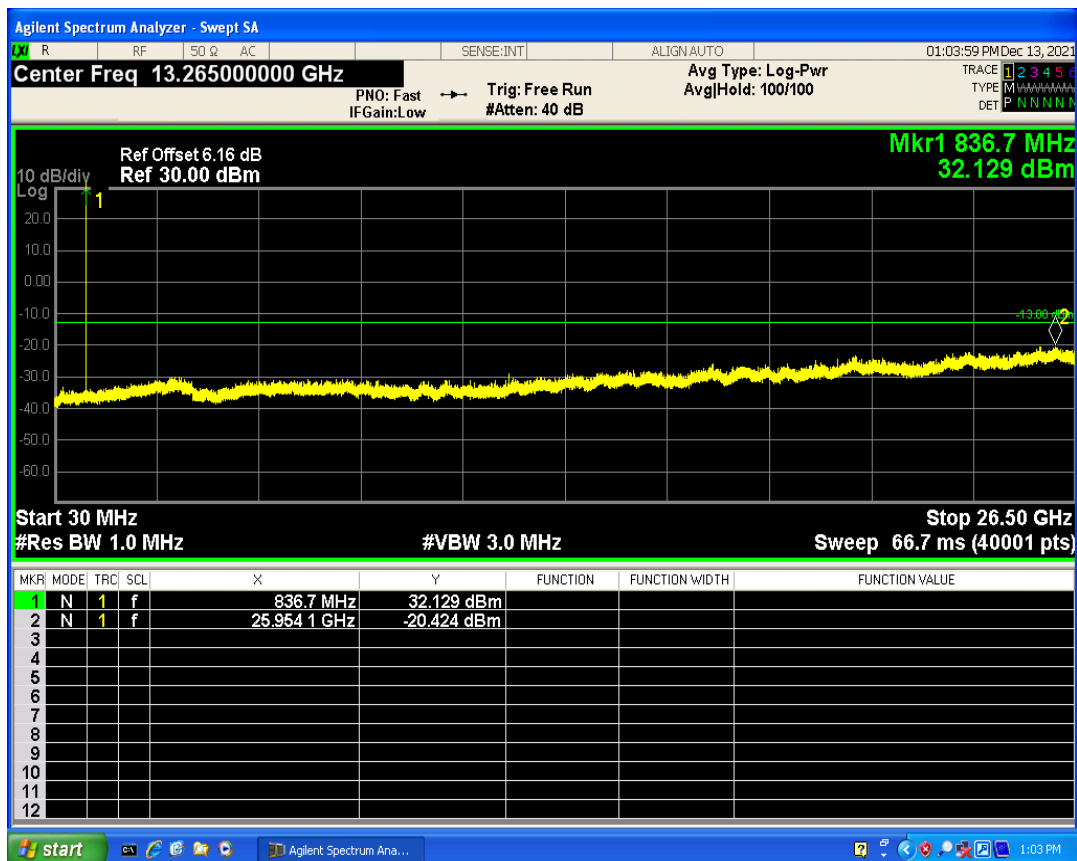
EGPRS1900 Channel=661



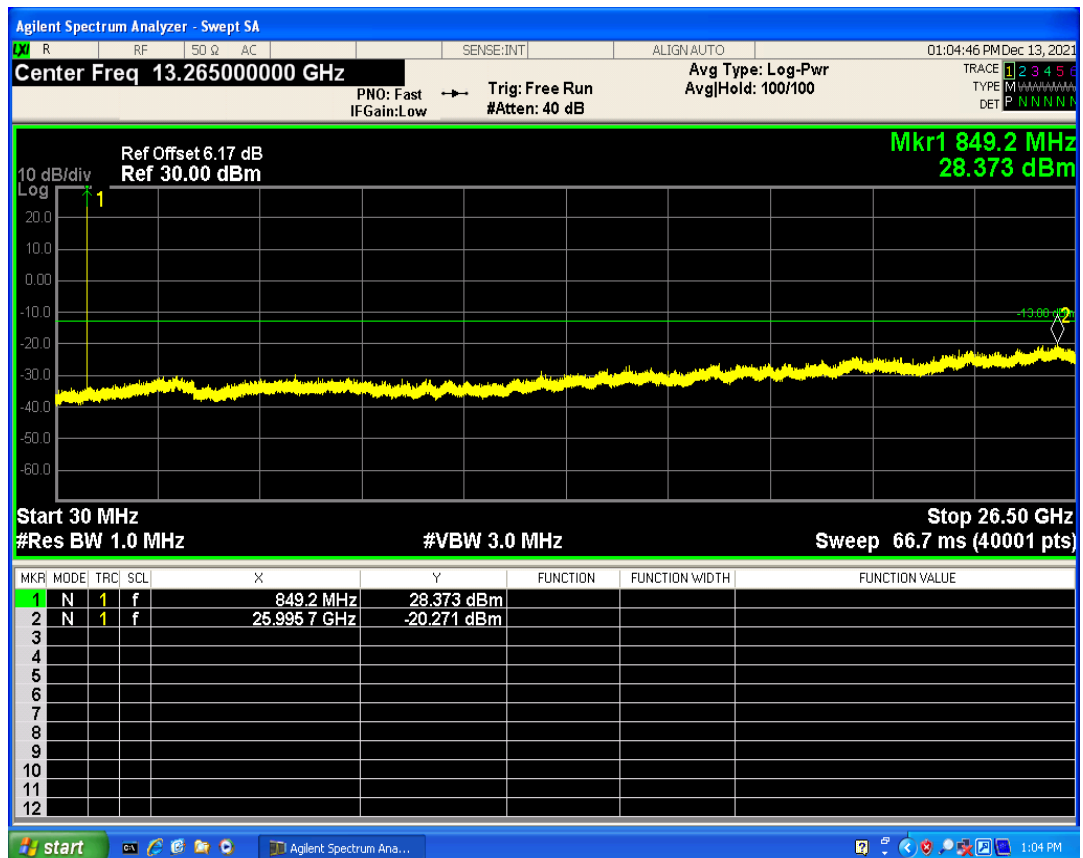
EGPRS850 Channel=128



EGPRS850 Channel=189



EGPRS850 Channel=251



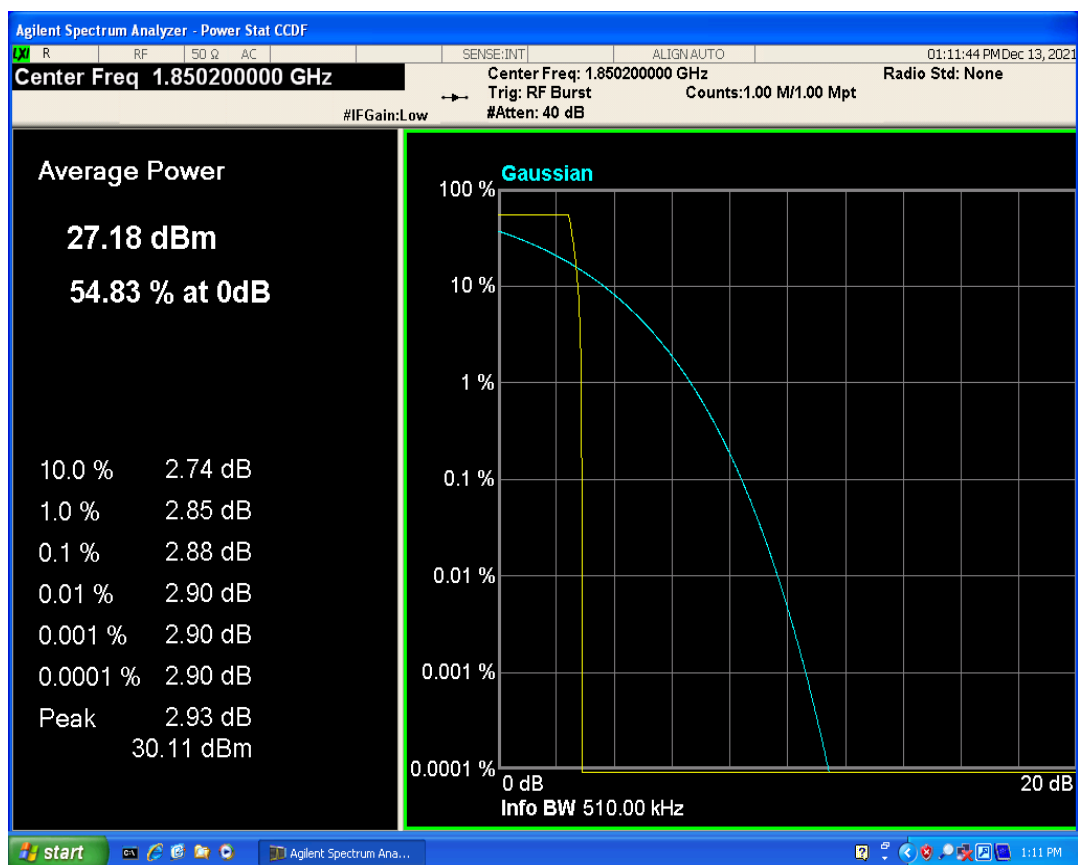
07 Conducted output power

Band	Channel	Frequency (MHz)	Power (dBm)	Verdict
GPRS1900 1 Slot	512	1850.2	29.12	PASS
GPRS1900 1 Slot	661	1880	28.86	PASS
GPRS1900 1 Slot	810	1909.8	28.73	PASS
GPRS1900 2 Slot	512	1850.2	29.03	PASS
GPRS1900 2 Slot	661	1880	28.75	PASS
GPRS1900 2 Slot	810	1909.8	28.58	PASS
GPRS1900 3 Slot	512	1850.2	28.95	PASS
GPRS1900 3 Slot	661	1880	28.64	PASS
GPRS1900 3 Slot	810	1909.8	28.41	PASS
GPRS1900 4 Slot	512	1850.2	28.76	PASS
GPRS1900 4 Slot	661	1880	28.45	PASS
GPRS1900 4 Slot	810	1909.8	28.20	PASS
GPRS850 1 Slot	128	824.2	31.89	PASS
GPRS850 1 Slot	189	836.4	31.74	PASS
GPRS850 1 Slot	251	848.8	31.66	PASS
GPRS850 2 Slot	128	824.2	31.74	PASS
GPRS850 2 Slot	189	836.4	31.59	PASS
GPRS850 2 Slot	251	848.8	31.49	PASS
GPRS850 3 Slot	128	824.2	31.55	PASS
GPRS850 3 Slot	189	836.4	31.37	PASS
GPRS850 3 Slot	251	848.8	31.40	PASS
GPRS850 4 Slot	128	824.2	31.34	PASS
GPRS850 4 Slot	189	836.4	31.14	PASS
GPRS850 4 Slot	251	848.8	31.07	PASS

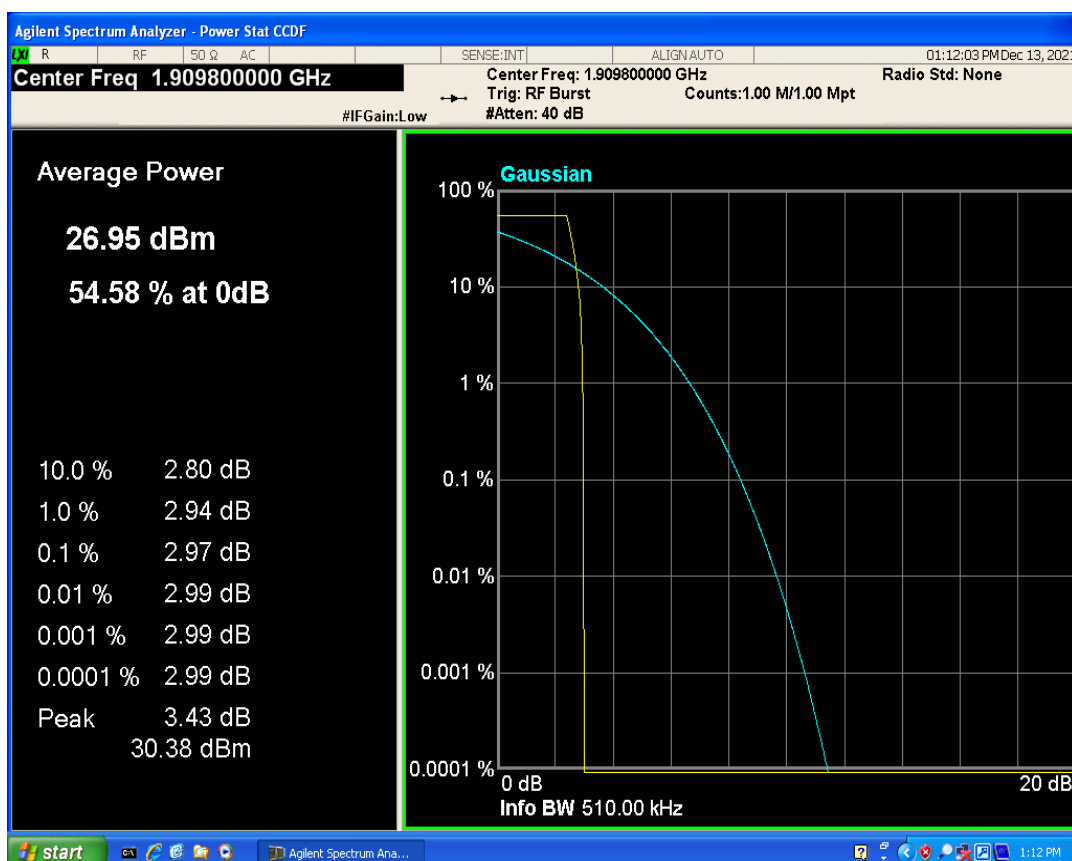
09 Peak-to-Average Ratio

Band	Channel	Frequency (MHz)	Result (dB)	high Limit (dB)	Verdict
GPRS1900	512	1850.2	2.879590086	13.00	PASS
GPRS1900	661	1880	2.958983676	13.00	PASS
GPRS1900	810	1909.8	2.968203498	13.00	PASS
GPRS850	128	824.2	2.905693582	13.00	PASS
GPRS850	189	836.4	2.938730741	13.00	PASS
GPRS850	251	848.8	2.95714433	13.00	PASS

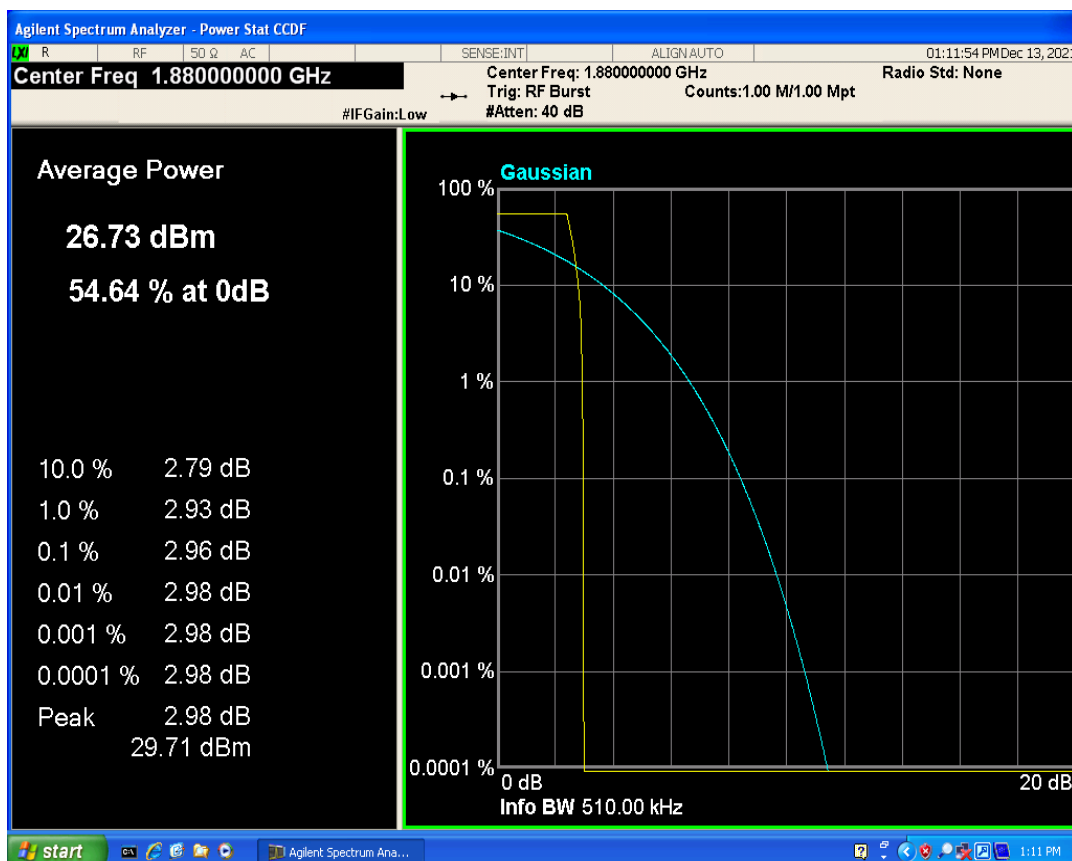
GPRS1900 Channel=512



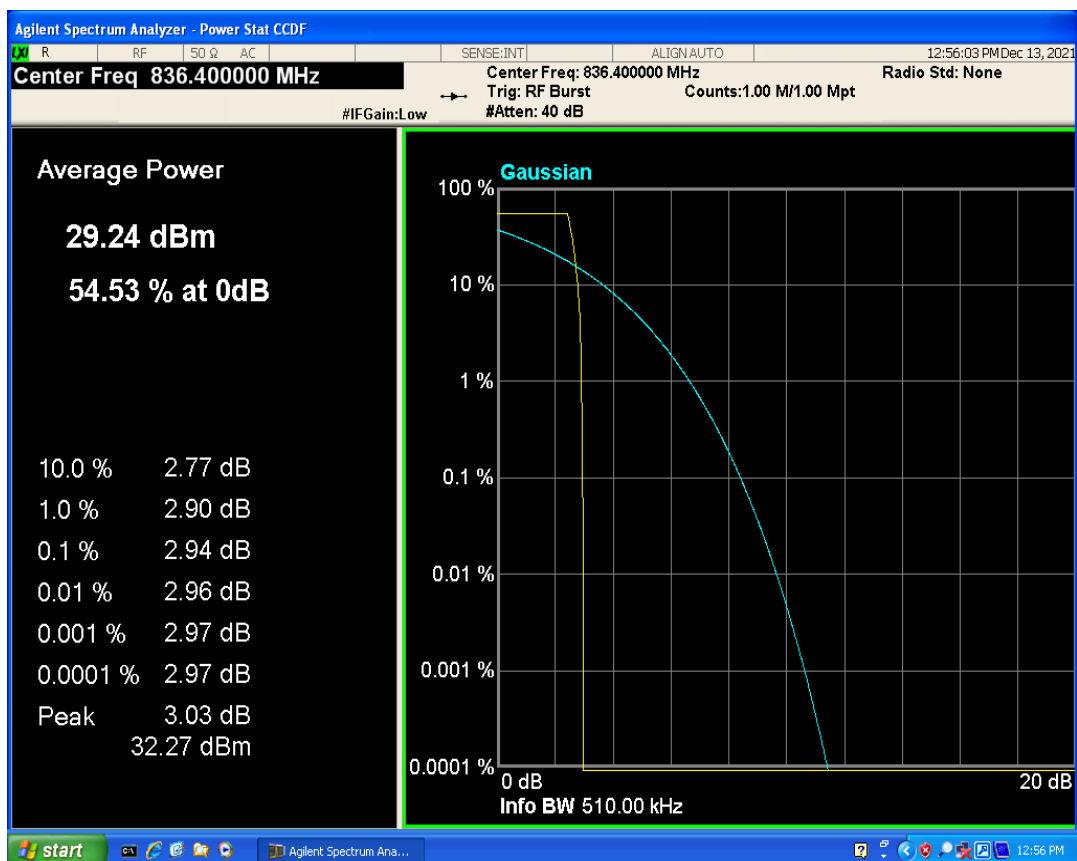
GPRS1900 Channel=810



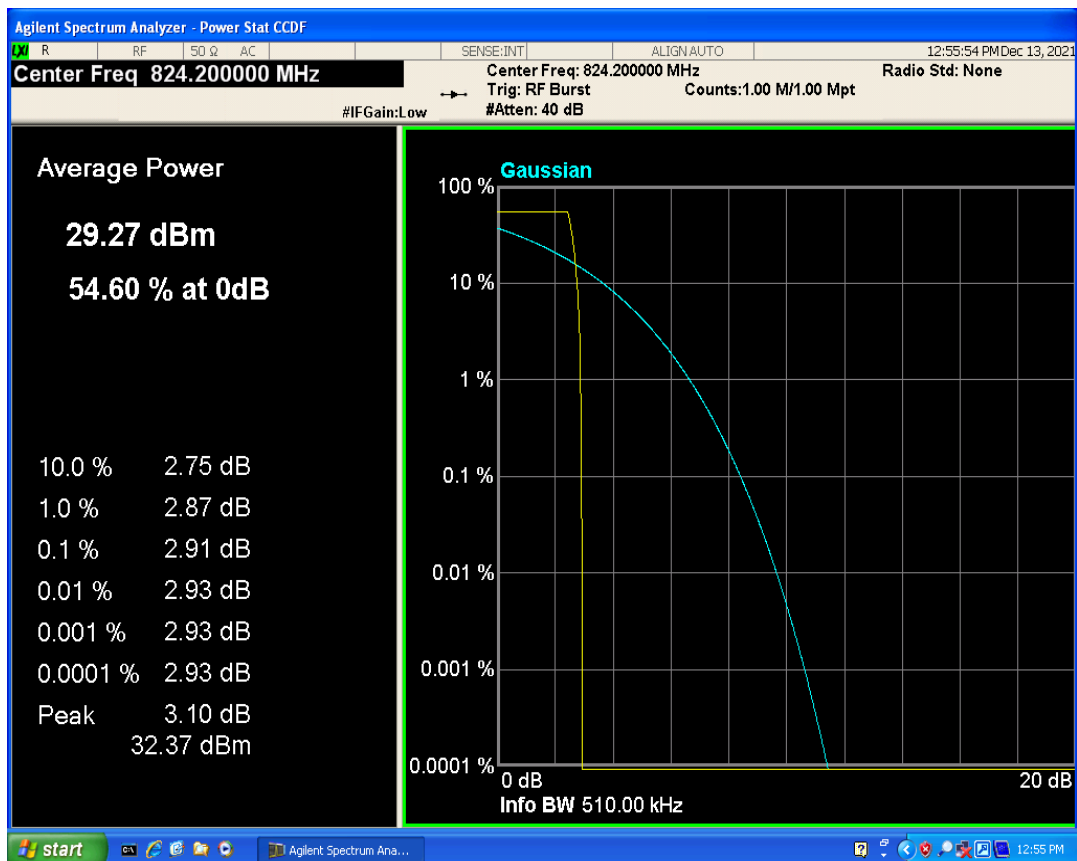
GPRS1900 Channel=661



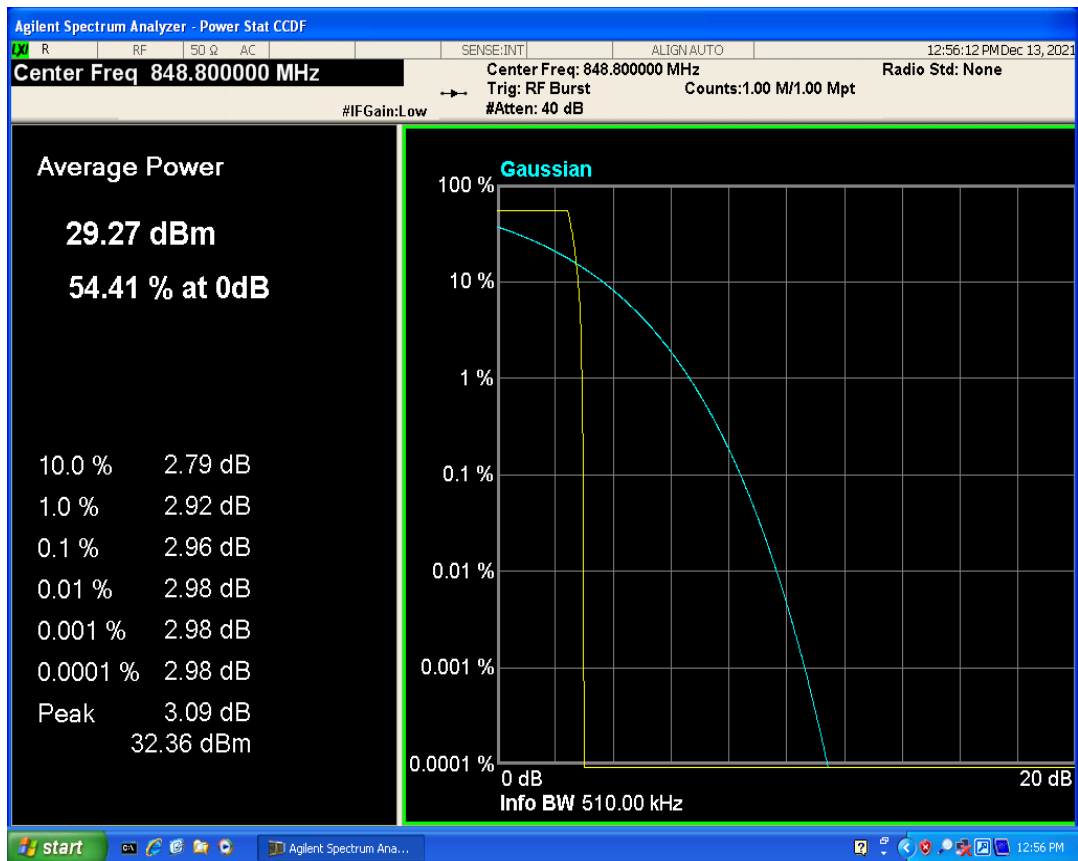
GPRS850 Channel=189



GPRS850 Channel=128



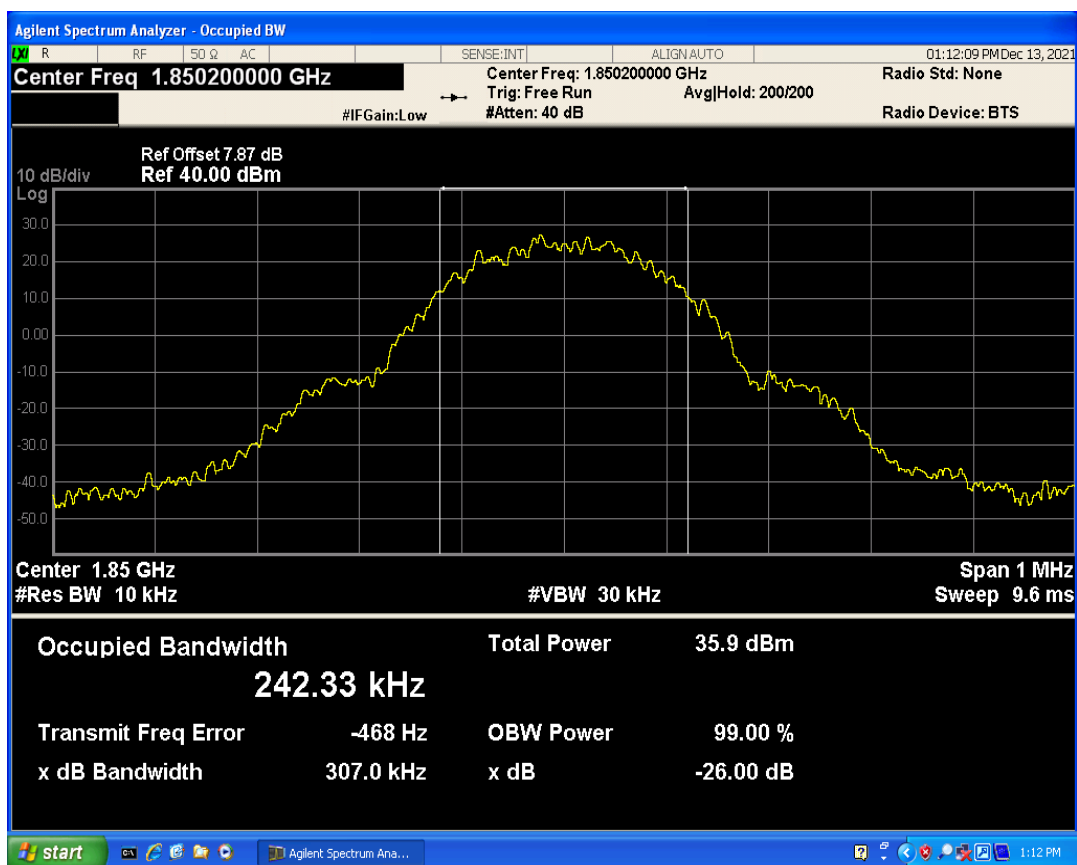
GPRS850 Channel=251



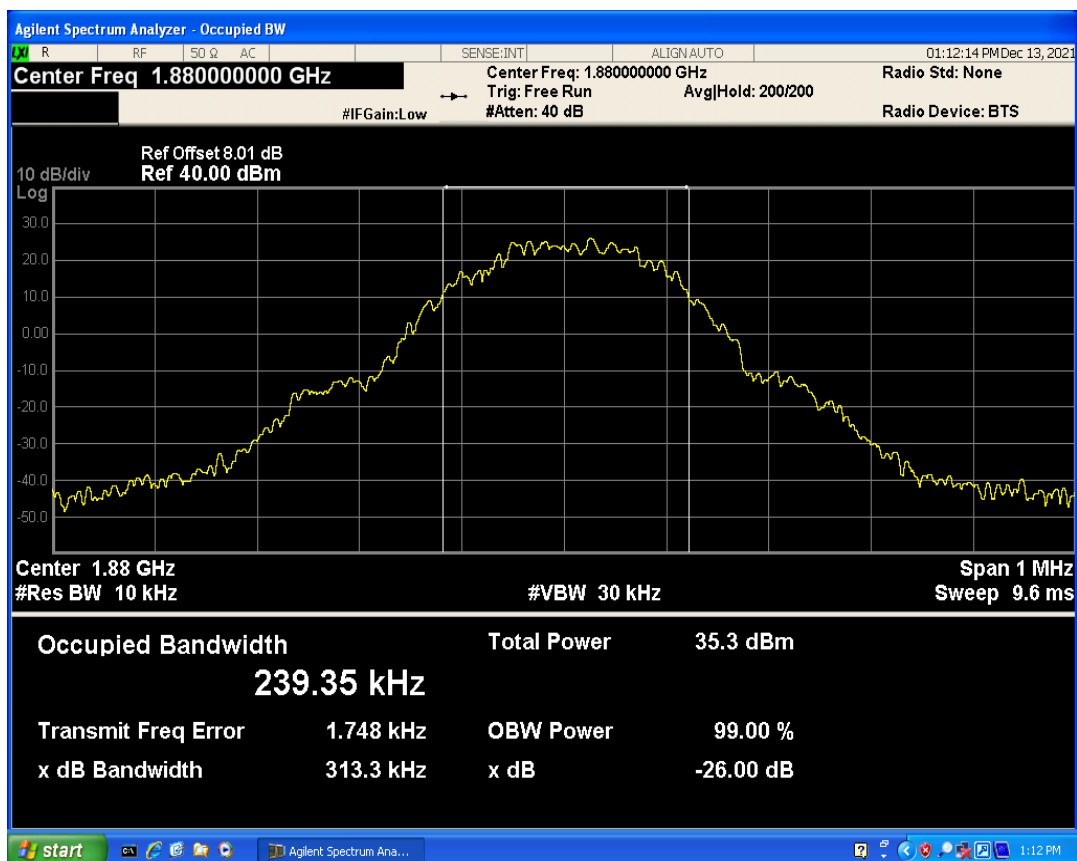
10 Occupied bandwidth

Band	Channel	Frequency (MHz)	99% OBW (kHz)	-26dB EBW (kHz)	Verdict
GPRS1900	512	1850.2	242.330	307.023	PASS
GPRS1900	661	1880	239.355	313.252	PASS
GPRS1900	810	1909.8	246.074	309.897	PASS
GPRS850	128	824.2	243.111	311.101	PASS
GPRS850	189	836.4	245.809	308.242	PASS
GPRS850	251	848.8	246.070	318.860	PASS

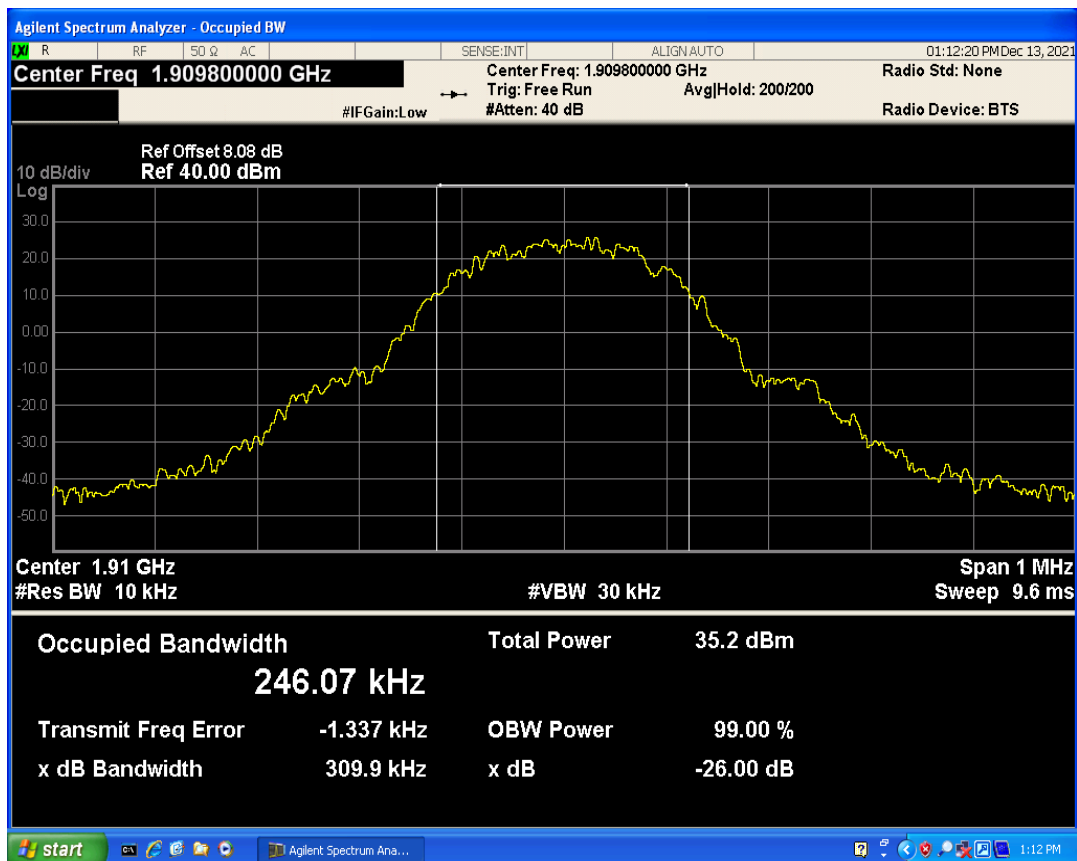
GPRS1900 Channel=512



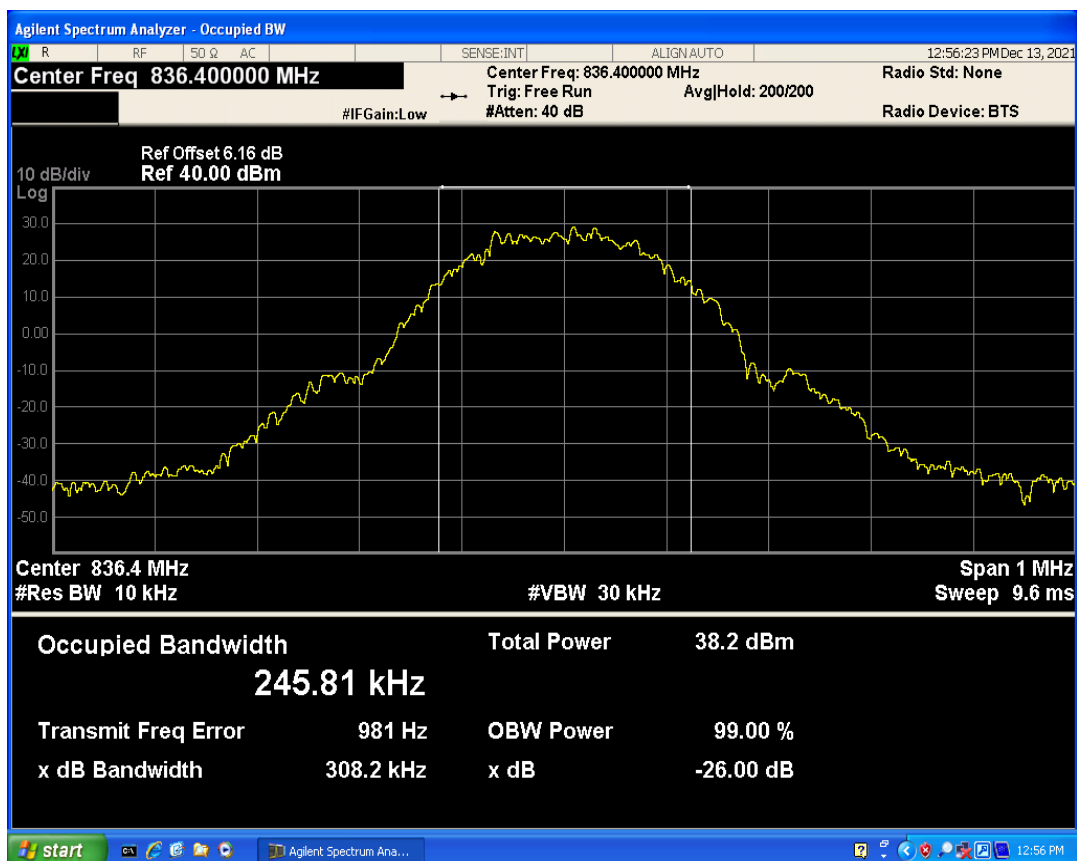
GPRS1900 Channel=661



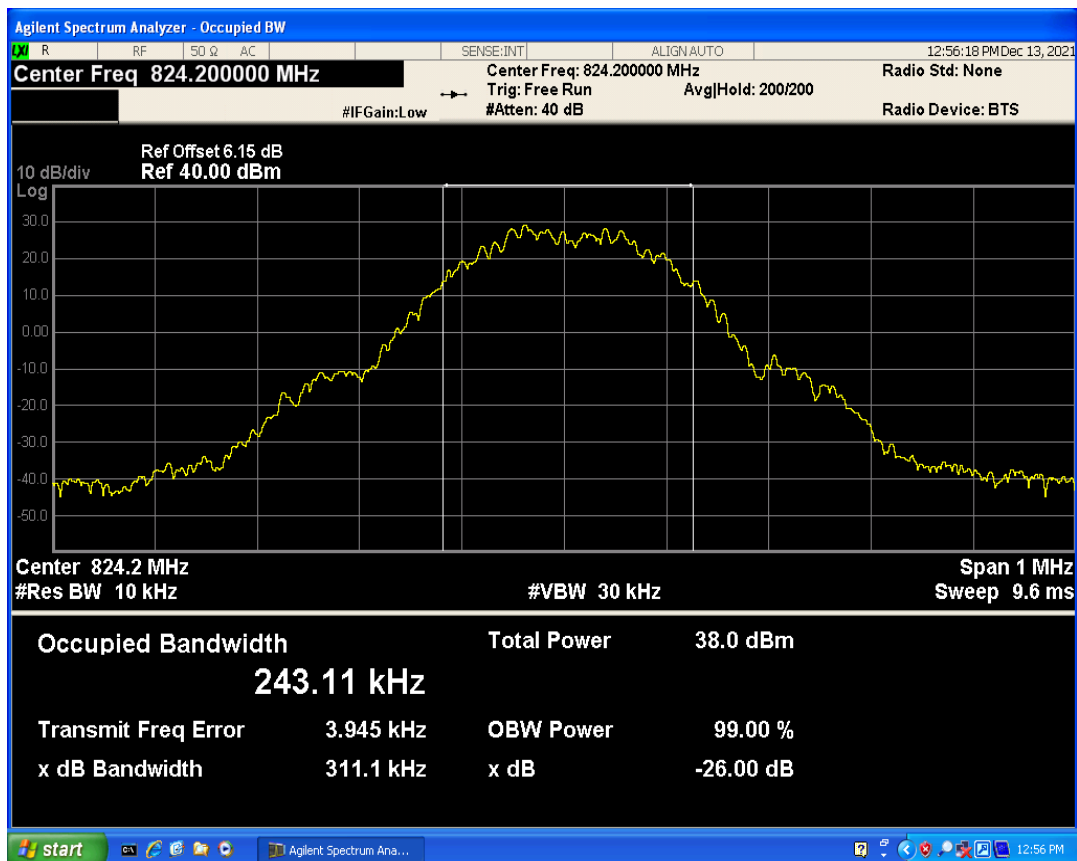
GPRS1900 Channel=810



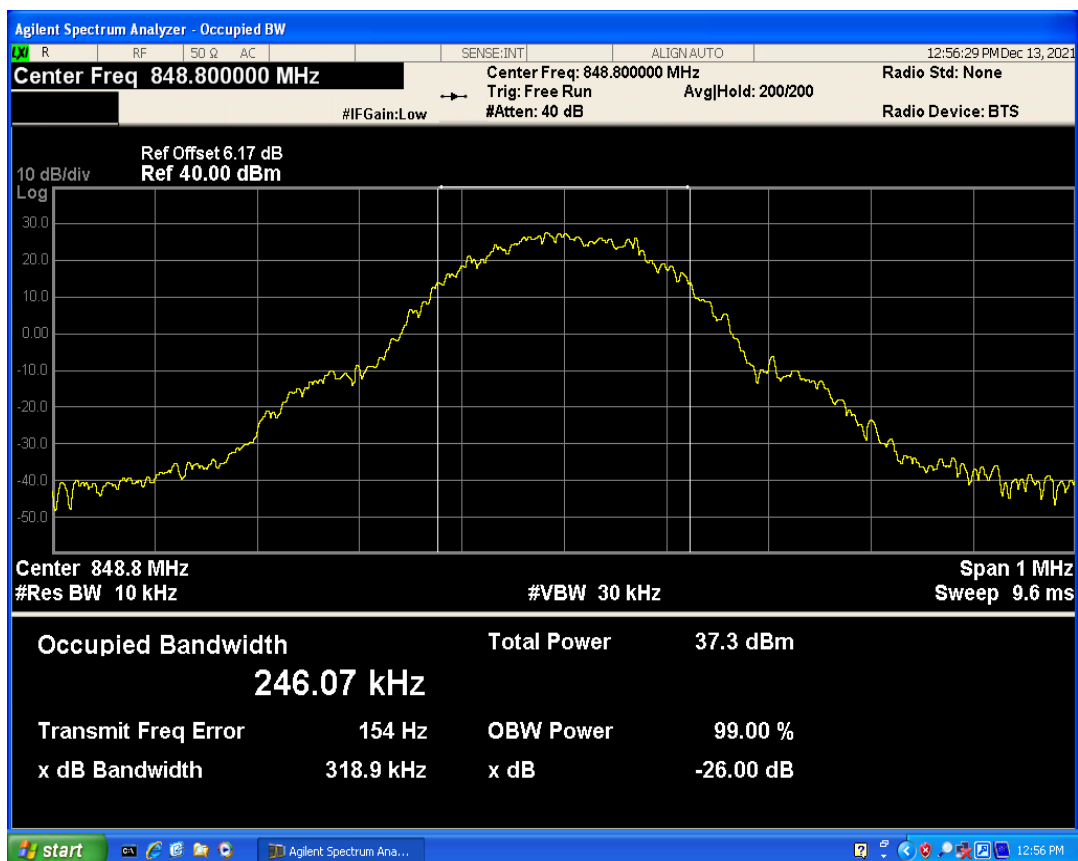
GPRS850 Channel=189



GPRS850 Channel=128



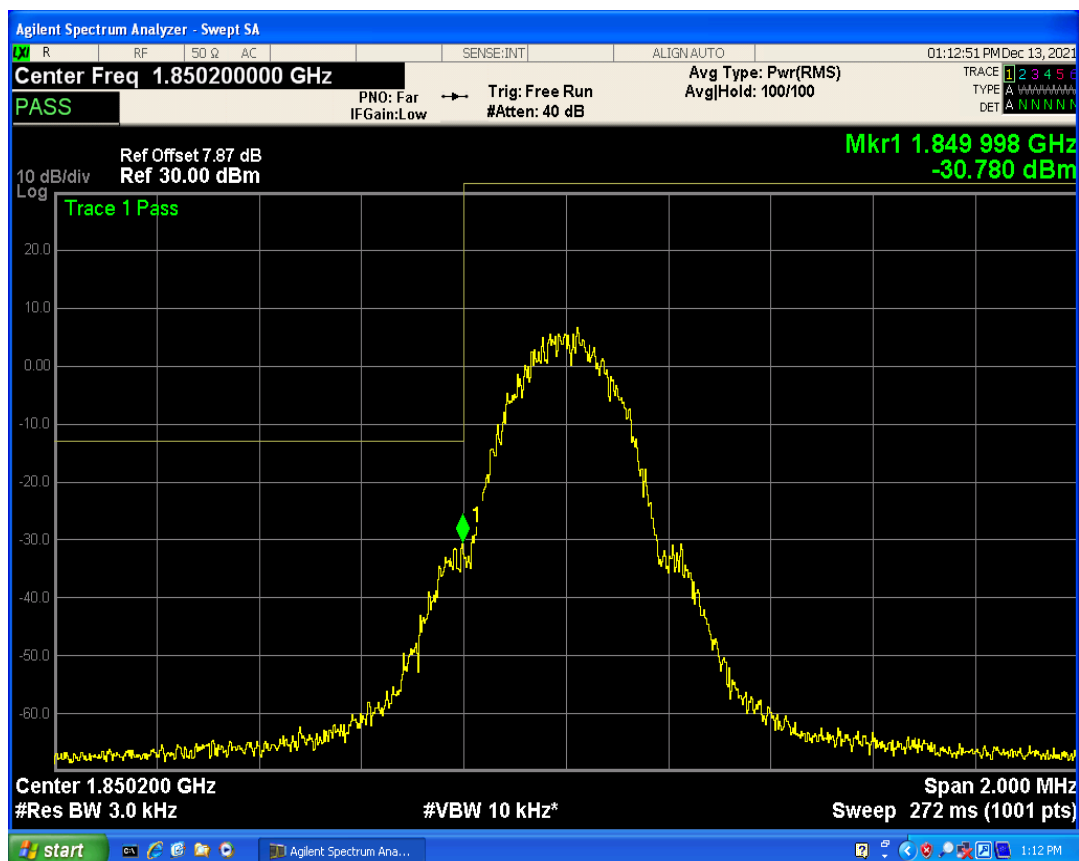
GPRS850 Channel=251



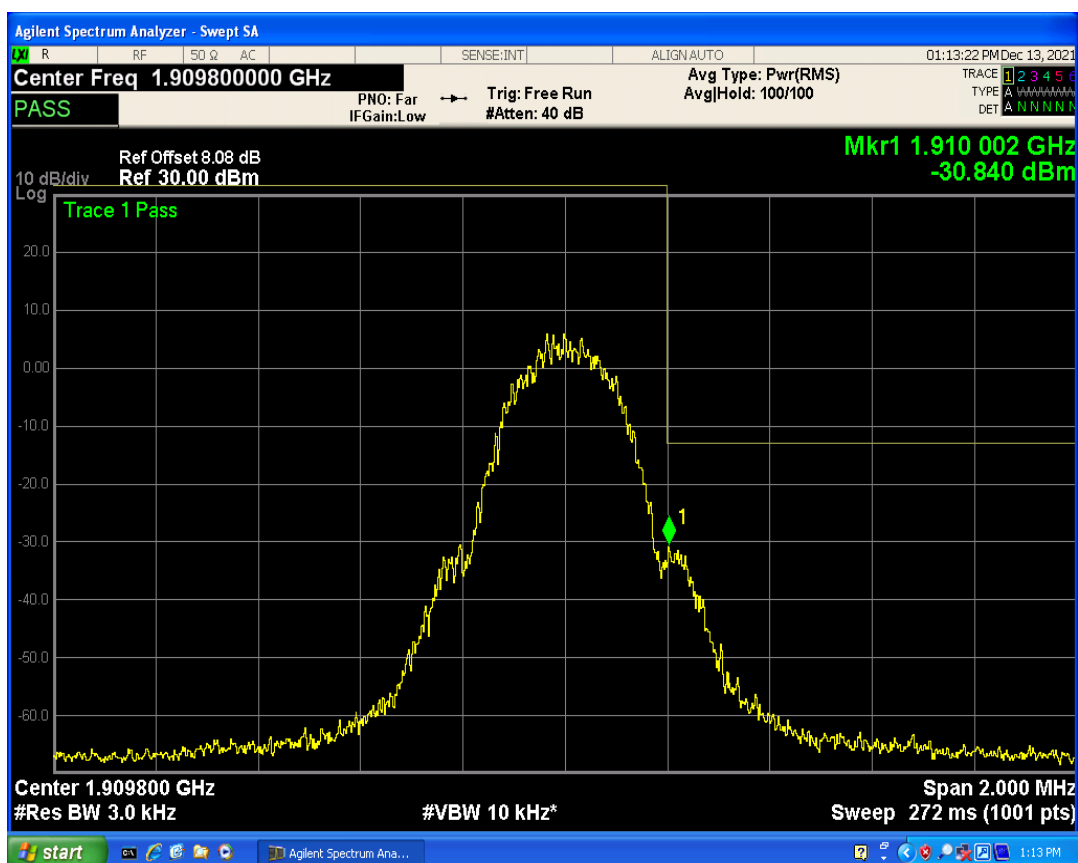
11 Band edge

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
GPRS1900	512	1850.2	1850.00	-30.77	-13	PASS
GPRS1900	810	1909.8	1910.00	-30.84	-13	PASS
GPRS850	128	824.2	823.98	-29.32	-13	PASS
GPRS850	251	848.8	849.01	-29.14	-13	PASS

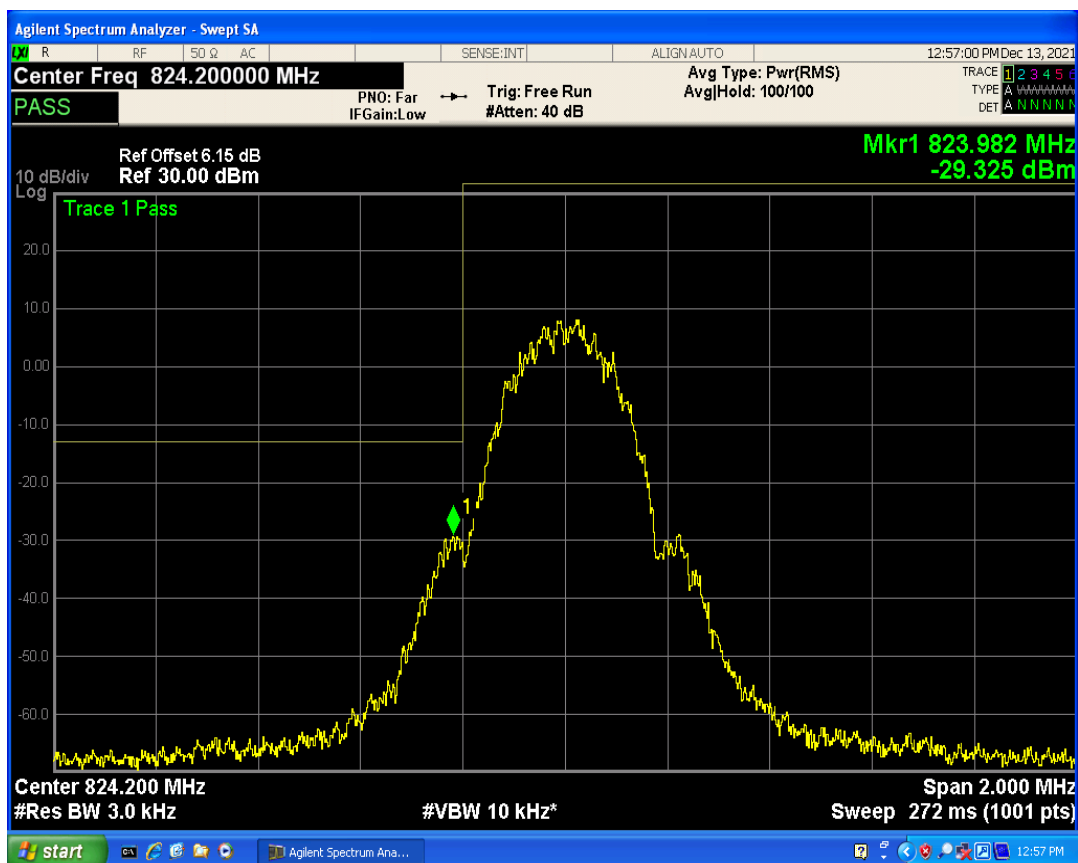
GPRS1900 Channel=512



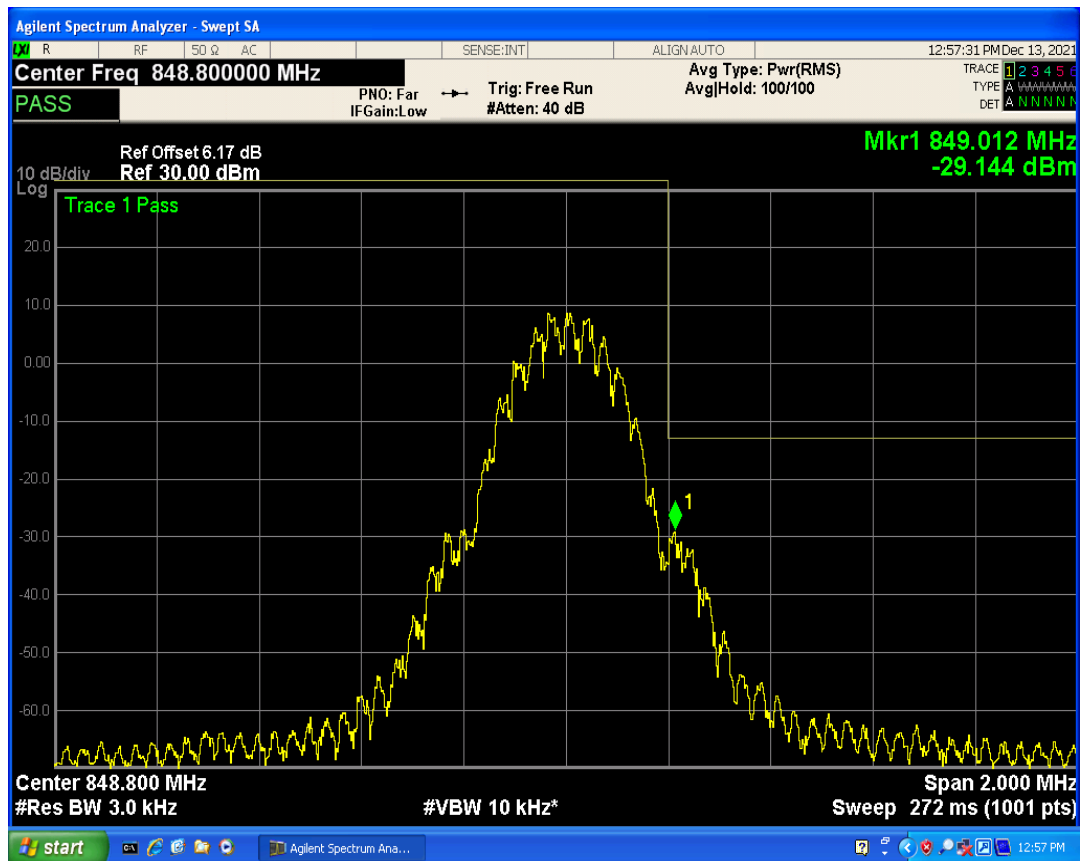
GPRS1900 Channel=810

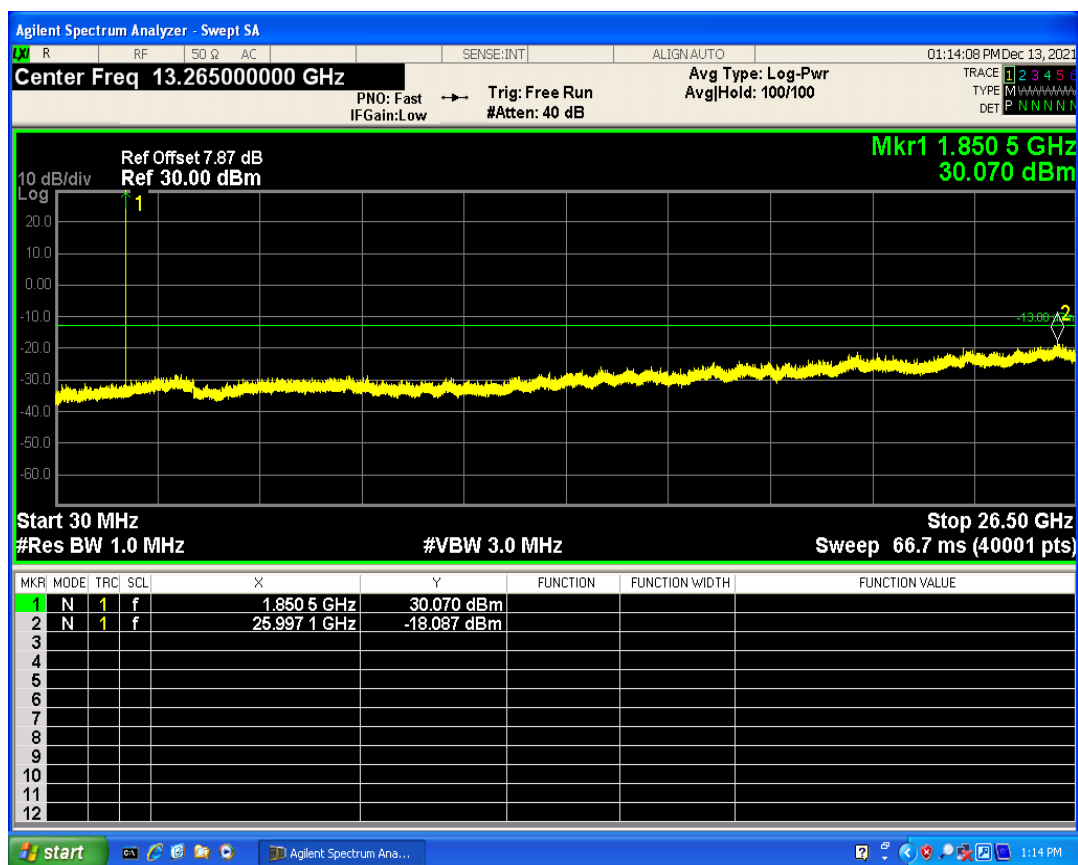


GPRS850 Channel=128

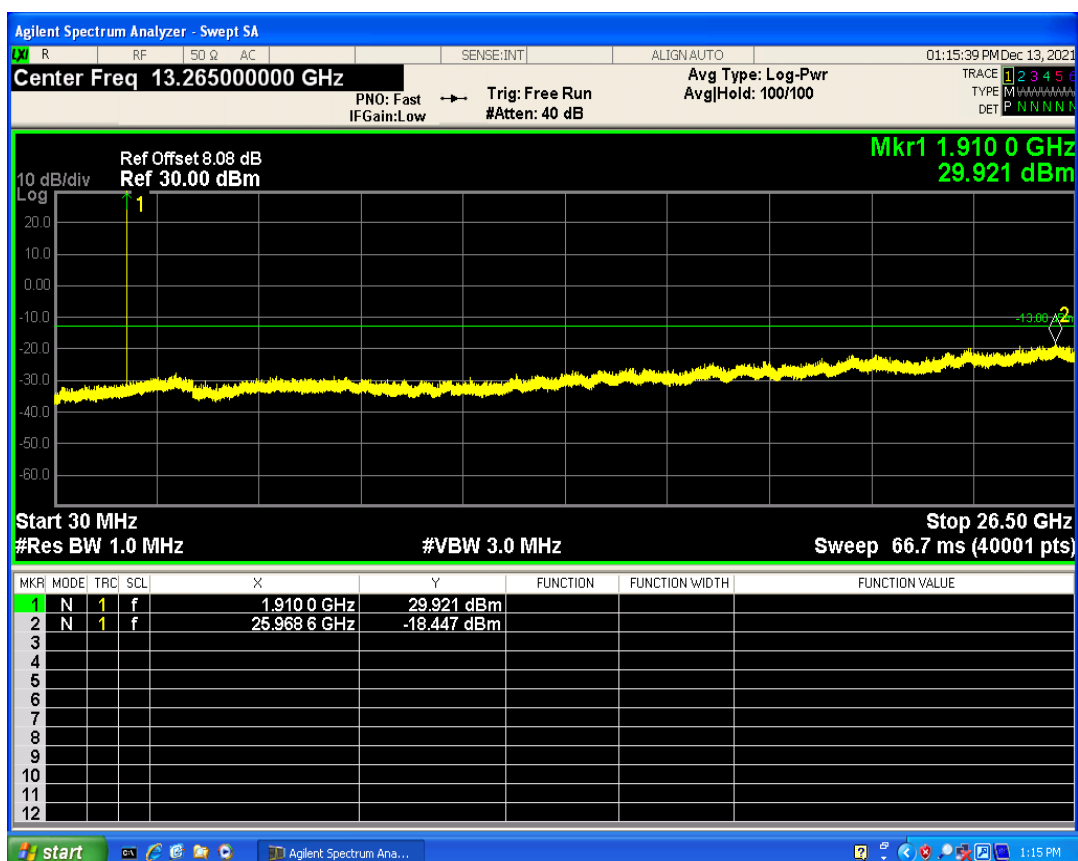


GPRS850 Channel=251

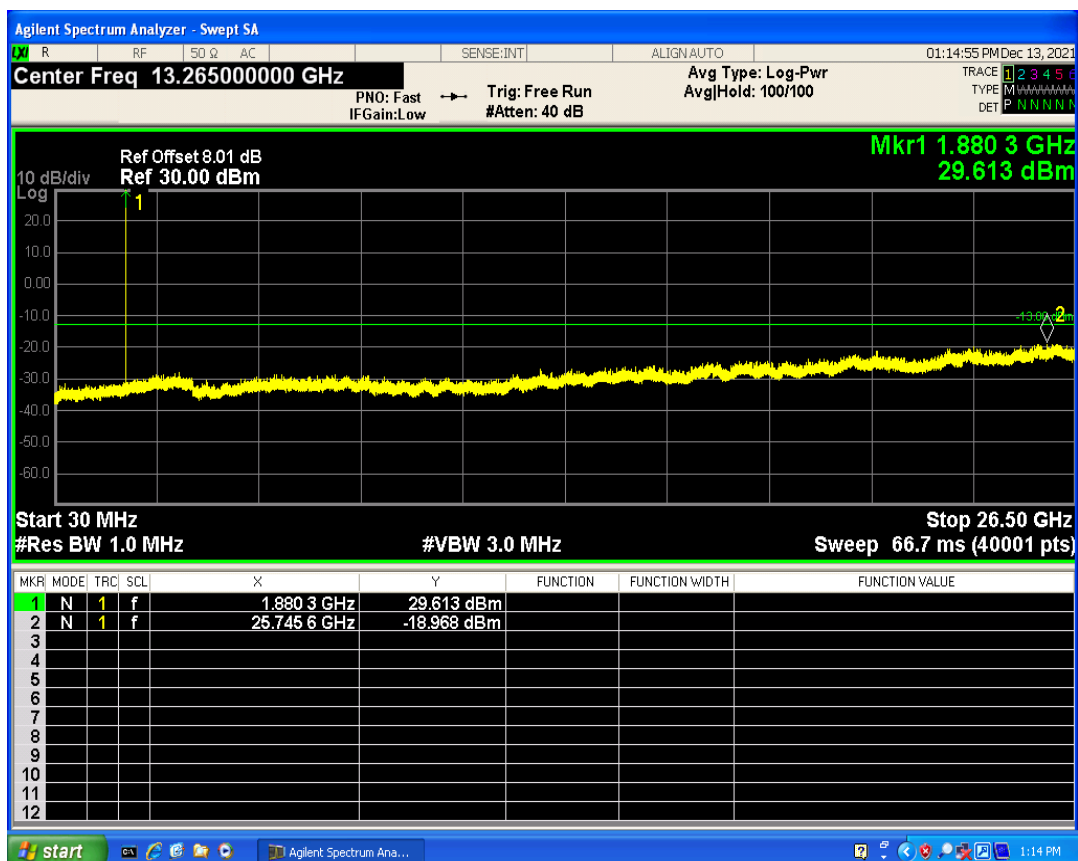




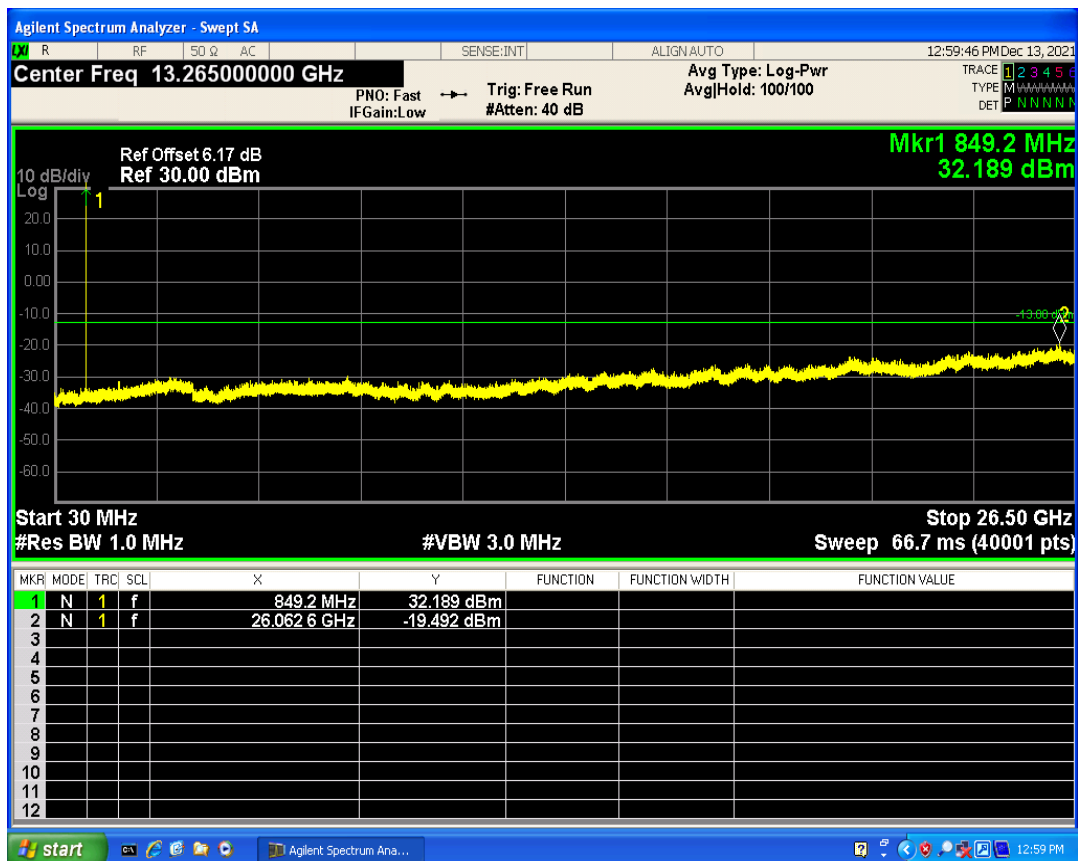
GPRS1900 Channel=810



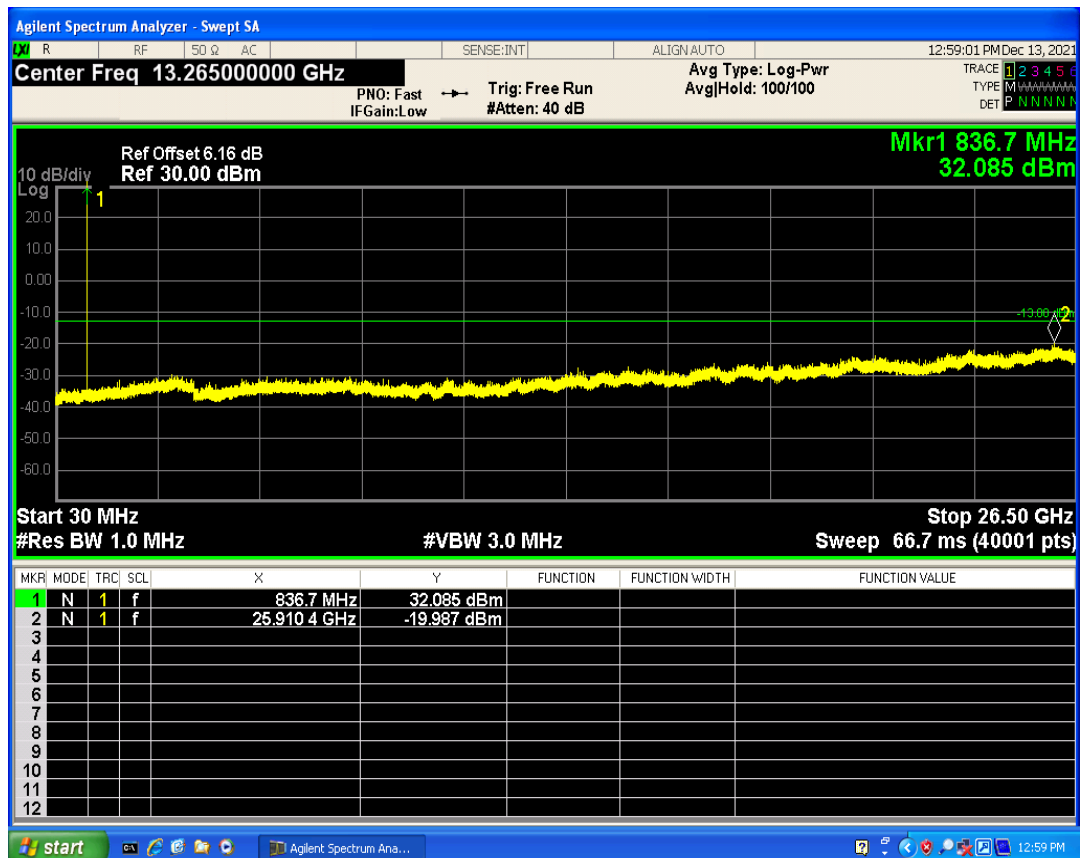
GPRS1900 Channel=661



GPRS850 Channel=251



GPRS850 Channel=189



01 Conducted output power

Band	Channel	Frequency (MHz)	Power (dBm)	Verdict
GSM1900	512	1850.2	29.01	PASS
GSM1900	661	1880	28.83	PASS
GSM1900	810	1909.8	28.63	PASS
GSM850	128	824.2	31.78	PASS
GSM850	189	836.4	31.65	PASS
GSM850	251	848.8	31.65	PASS

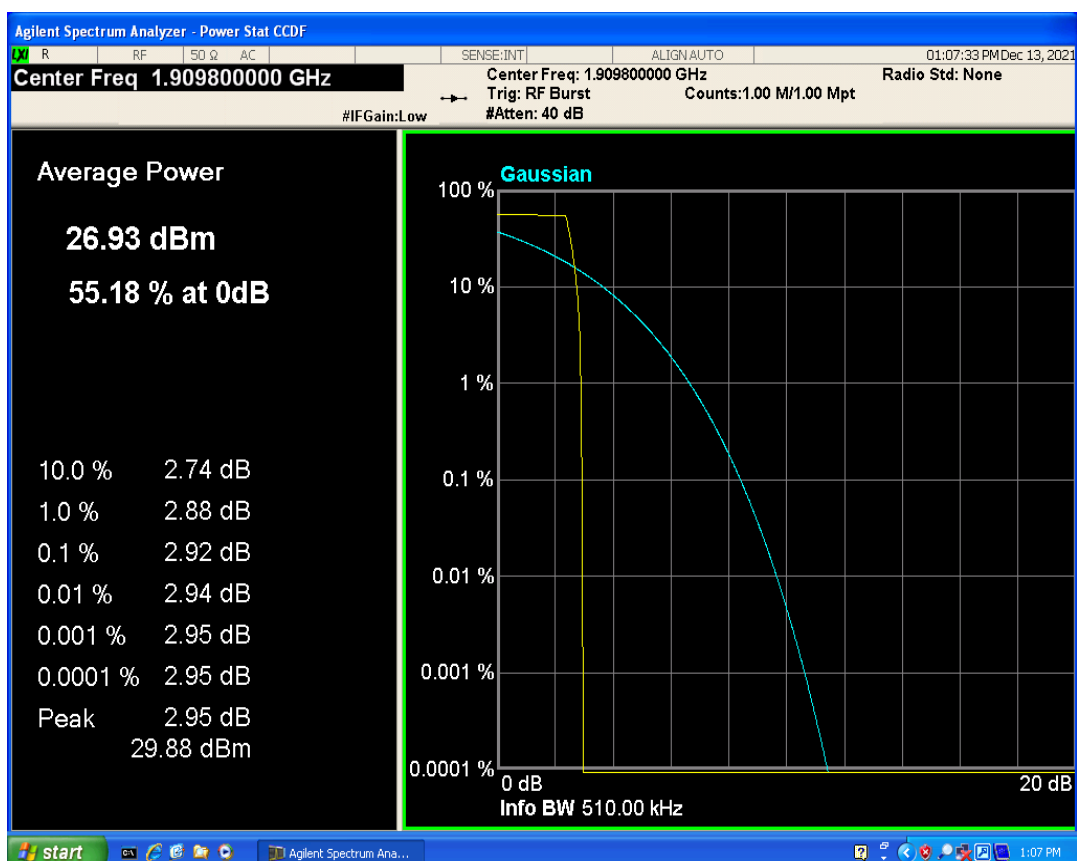
03 Peak-to-Average Ratio

Band	Channel	Frequency (MHz)	Result (dB)	high Limit (dB)	Verdict
GSM1900	512	1850.2	2.84	13	PASS
GSM1900	661	1880	2.89	13	PASS
GSM1900	810	1909.8	2.92	13	PASS
GSM850	128	824.2	2.85	13	PASS
GSM850	189	836.4	2.89	13	PASS
GSM850	251	848.8	2.89	13	PASS

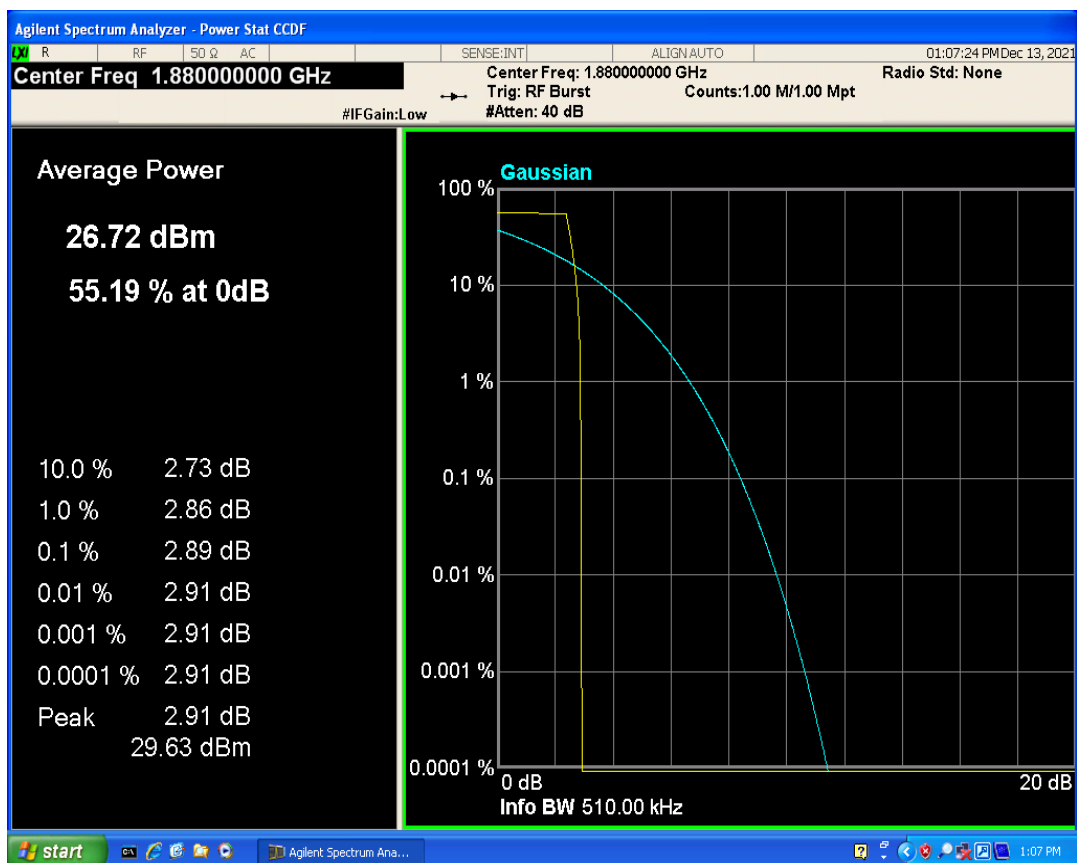
GSM1900 Channel=512



GSM1900 Channel=810



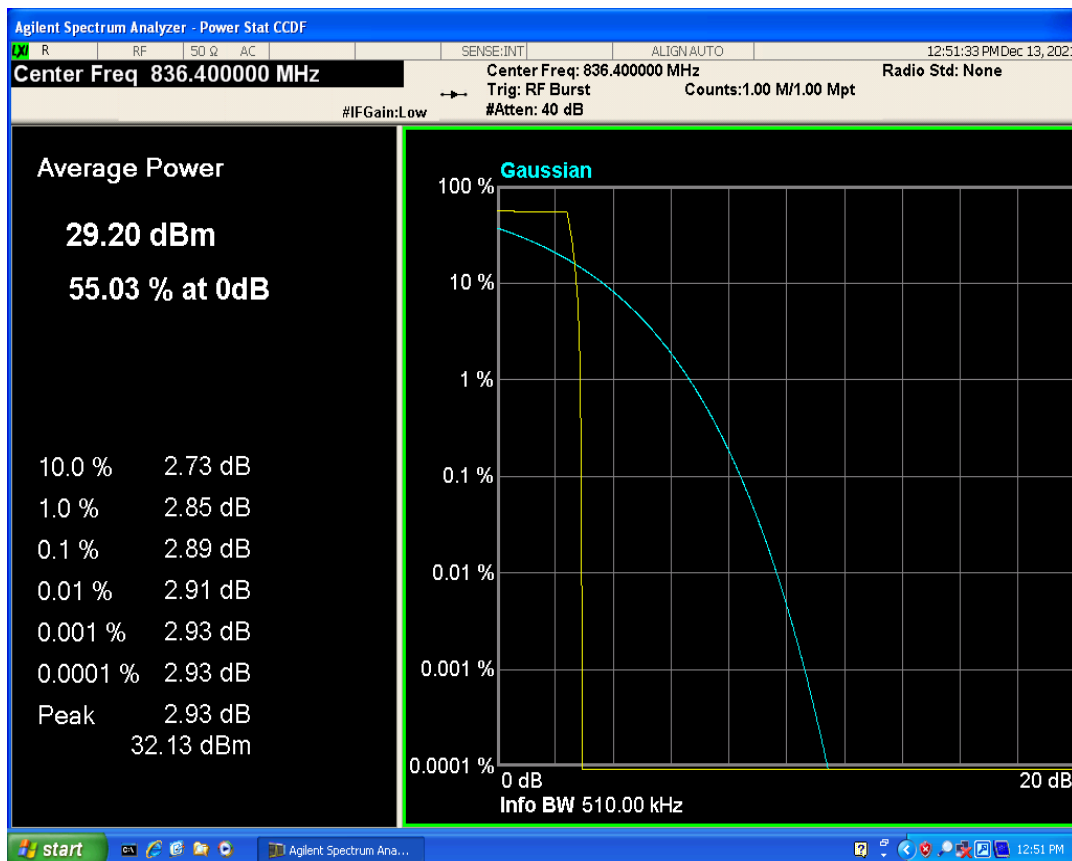
GSM1900 Channel=661



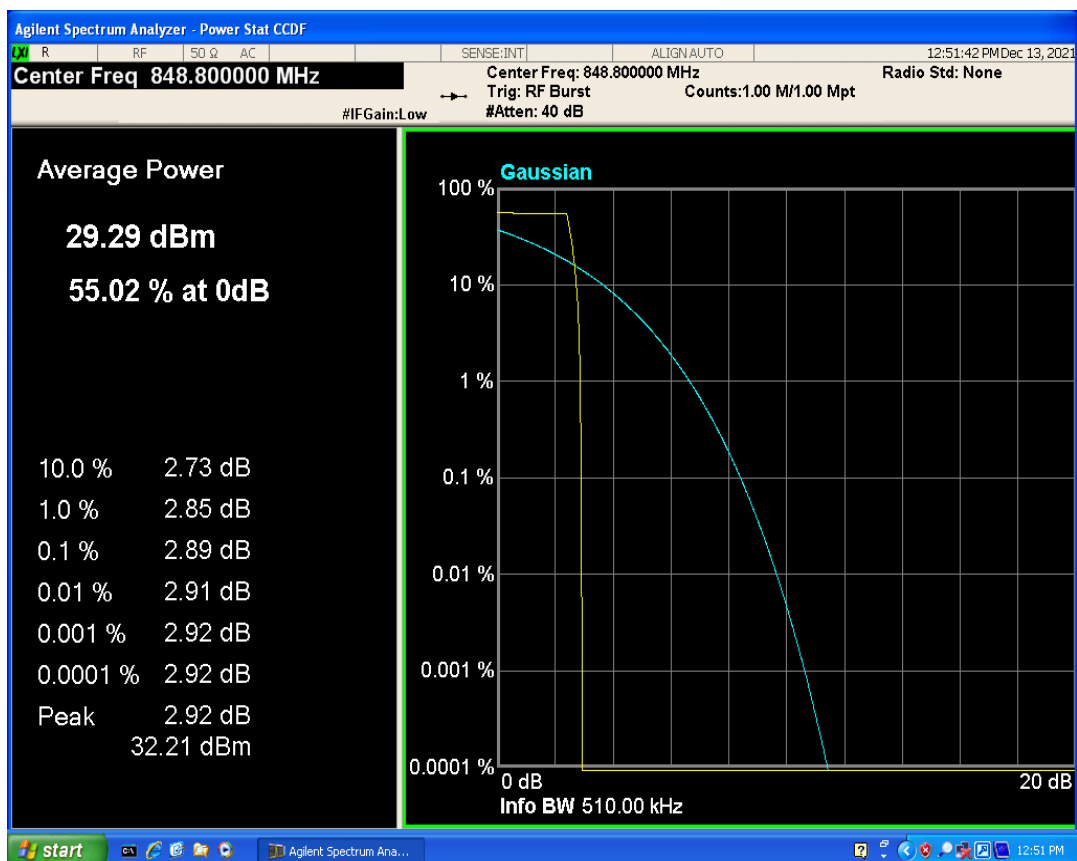
GSM850 Channel=128



GSM850 Channel=189



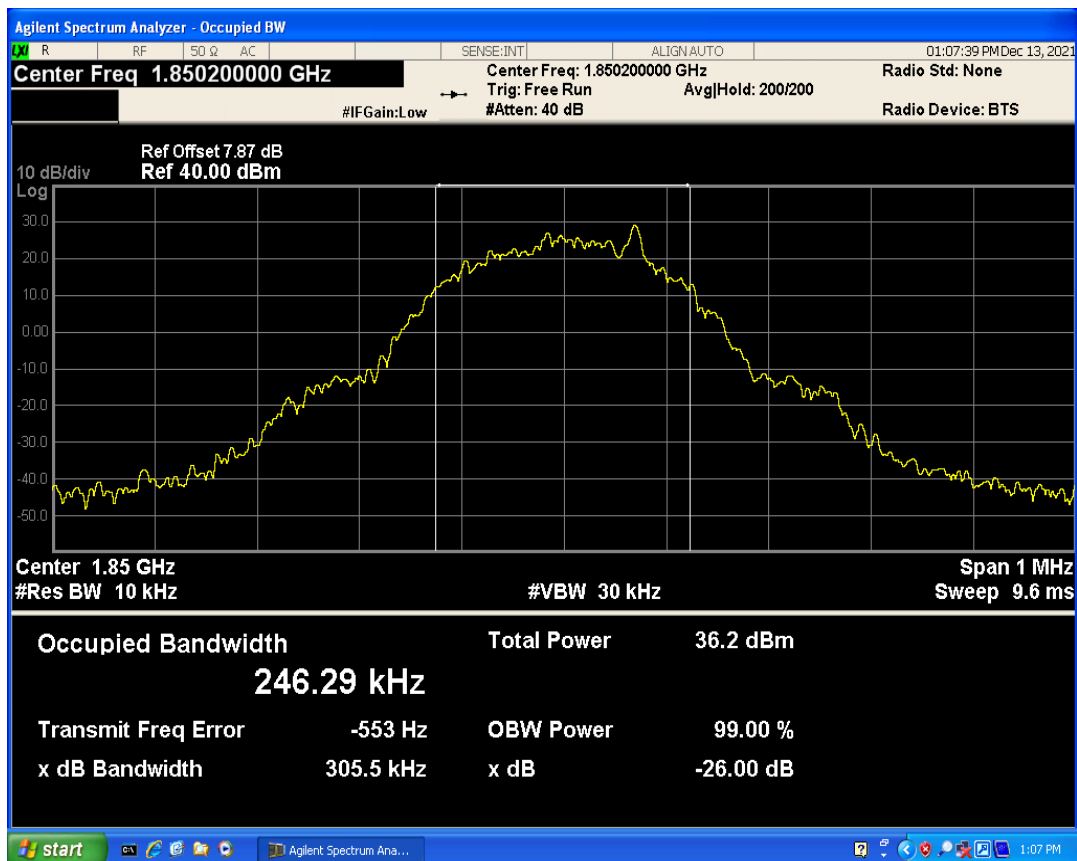
GSM850 Channel=251



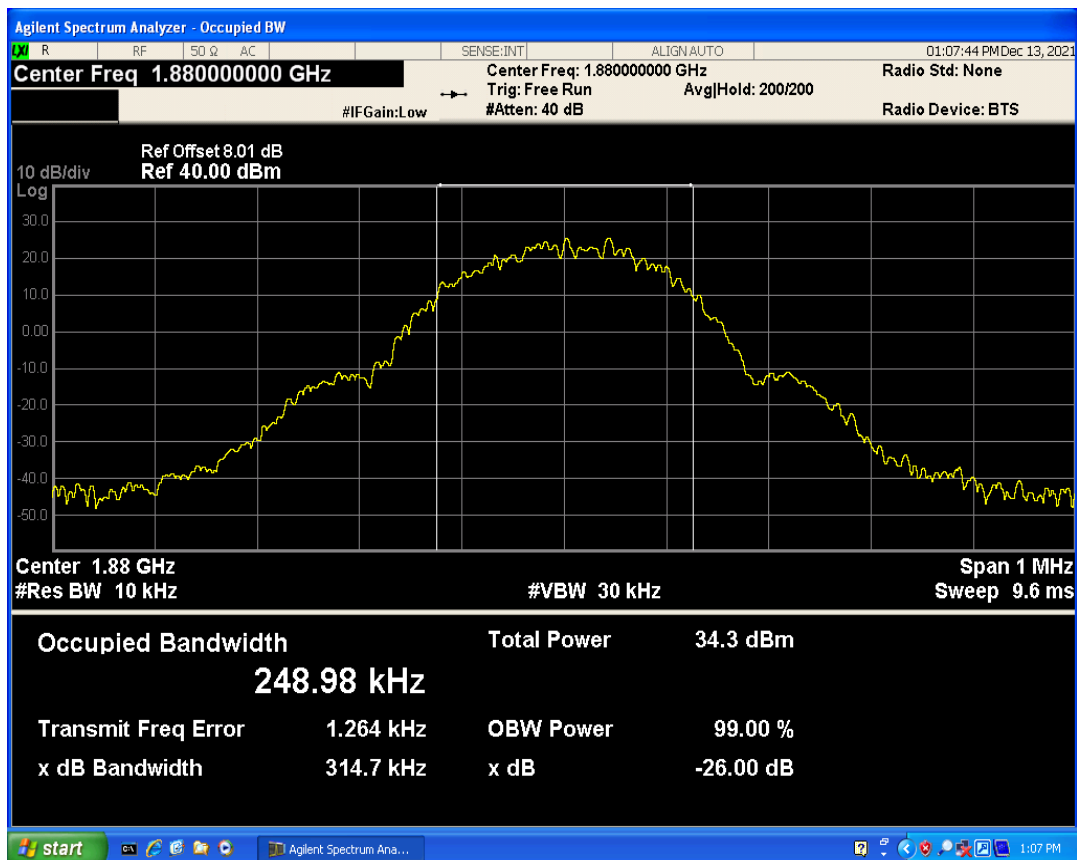
04 Occupied bandwidth

Band	Channel	Frequency (MHz)	99% OBW (kHz)	-26dB EBW (kHz)	Verdict
GSM1900	512	1850.2	246.285	305.531	PASS
GSM1900	661	1880	248.983	314.671	PASS
GSM1900	810	1909.8	246.121	315.072	PASS
GSM850	128	824.2	243.157	318.508	PASS
GSM850	189	836.4	250.417	314.761	PASS
GSM850	251	848.8	248.324	315.865	PASS

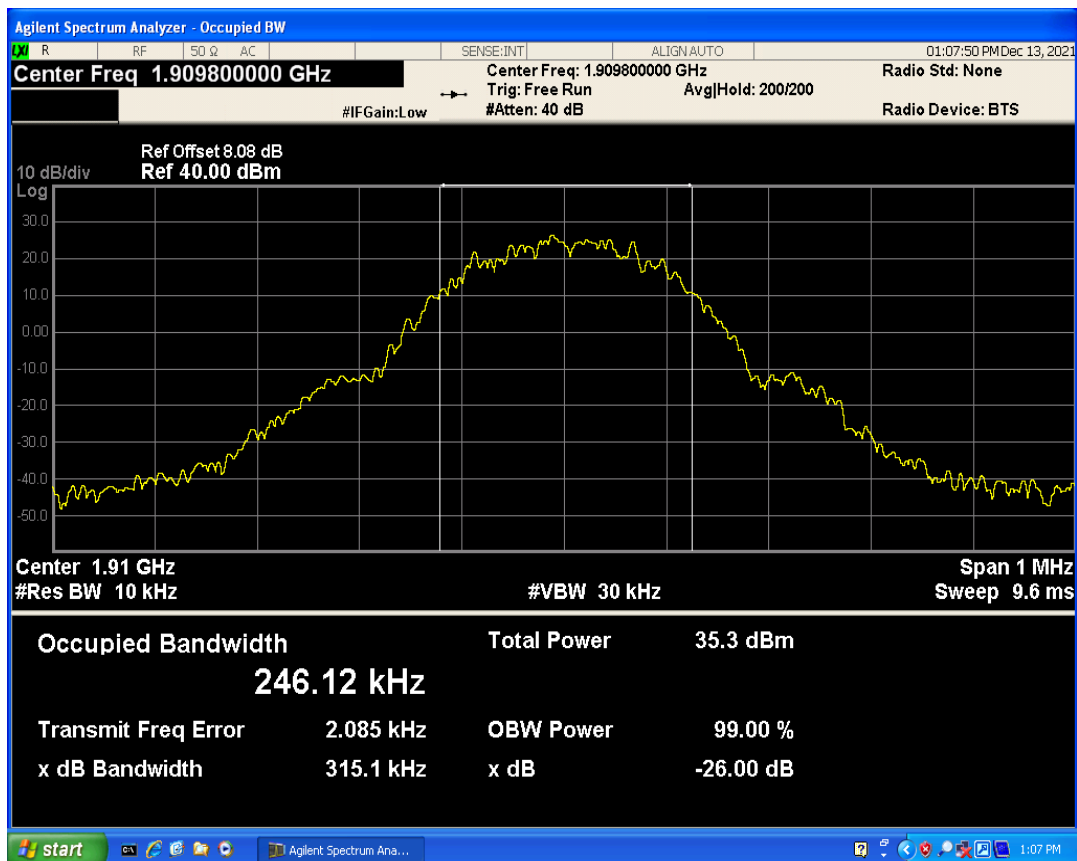
GSM1900 Channel=512



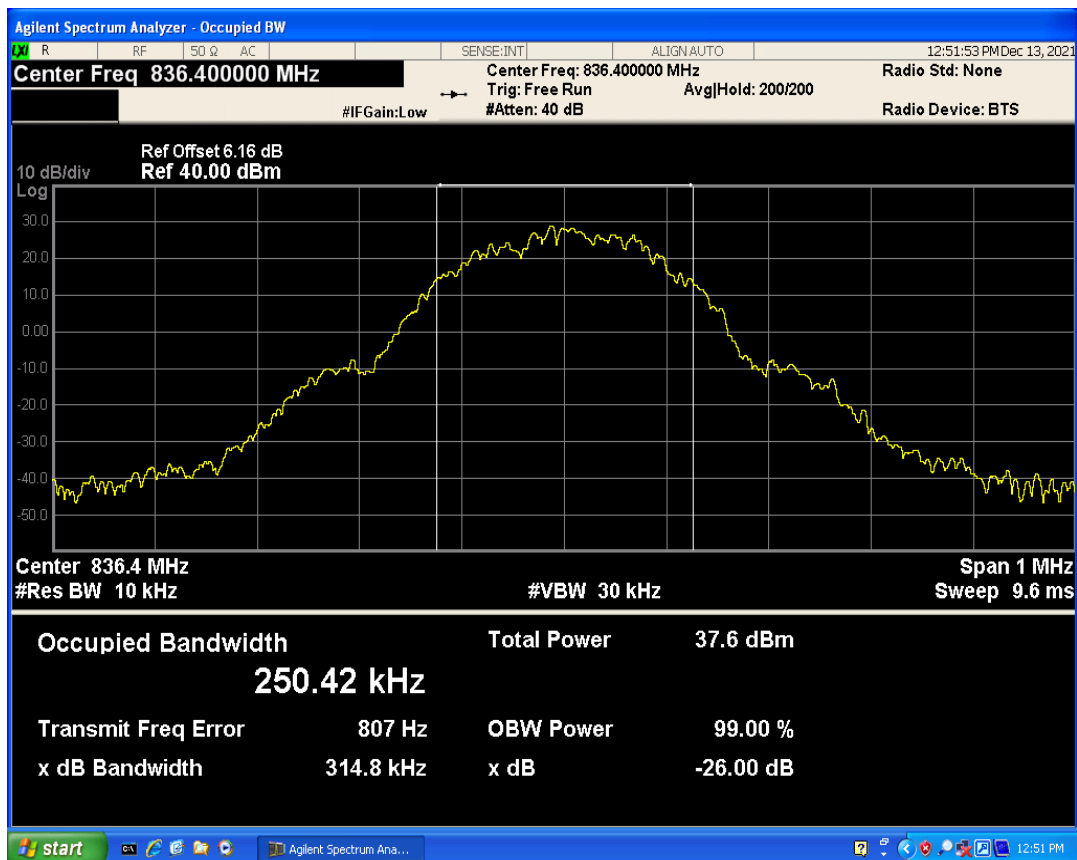
GSM1900 Channel=661



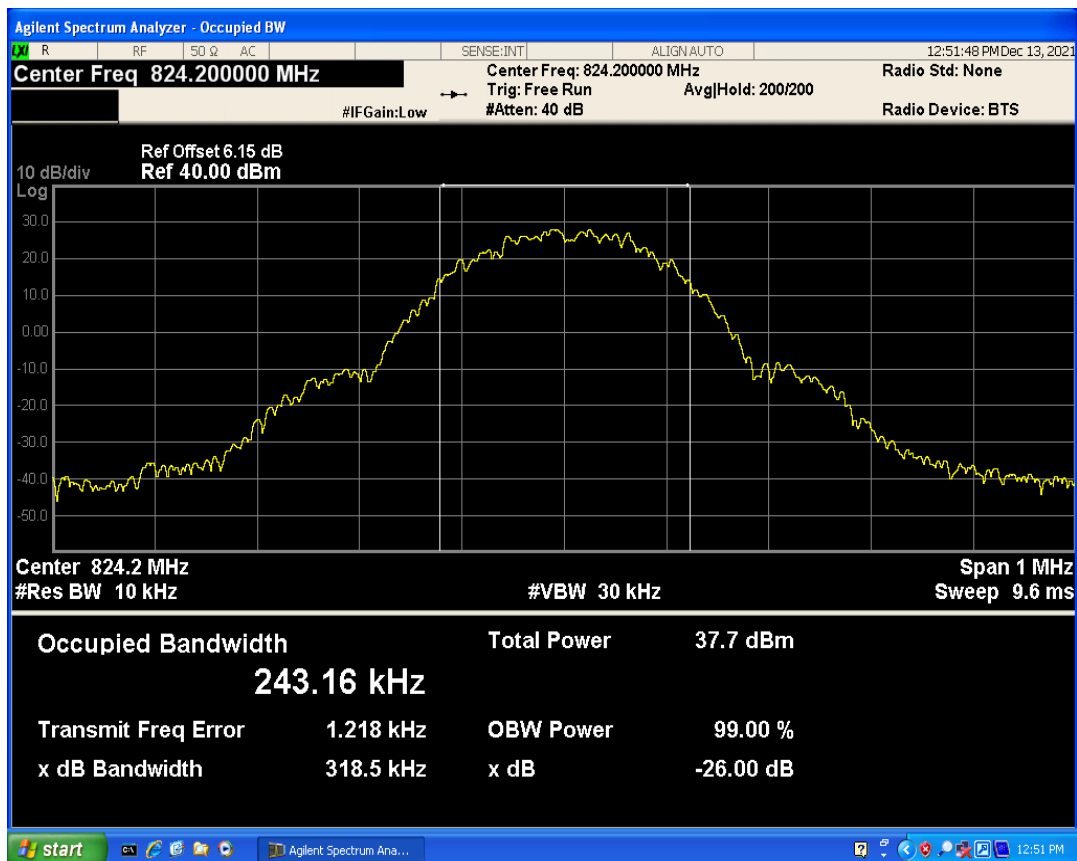
GSM1900 Channel=810



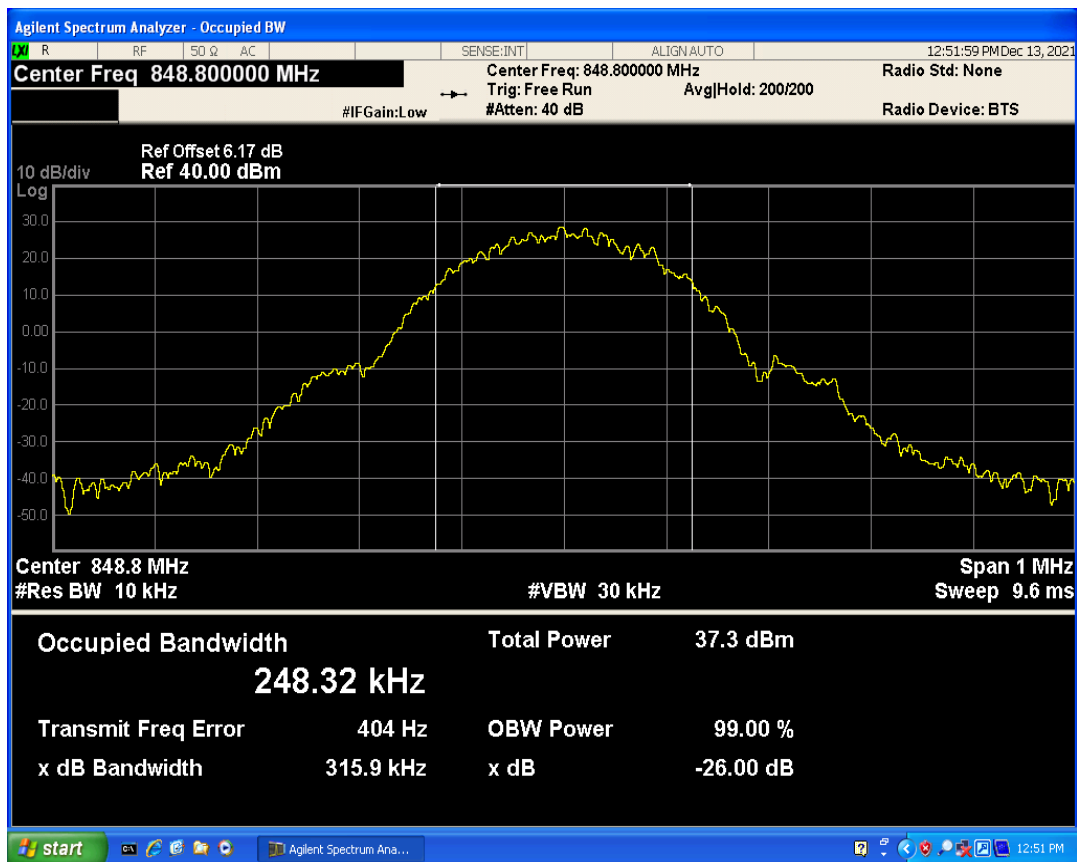
GSM850 Channel=189



GSM850 Channel=128



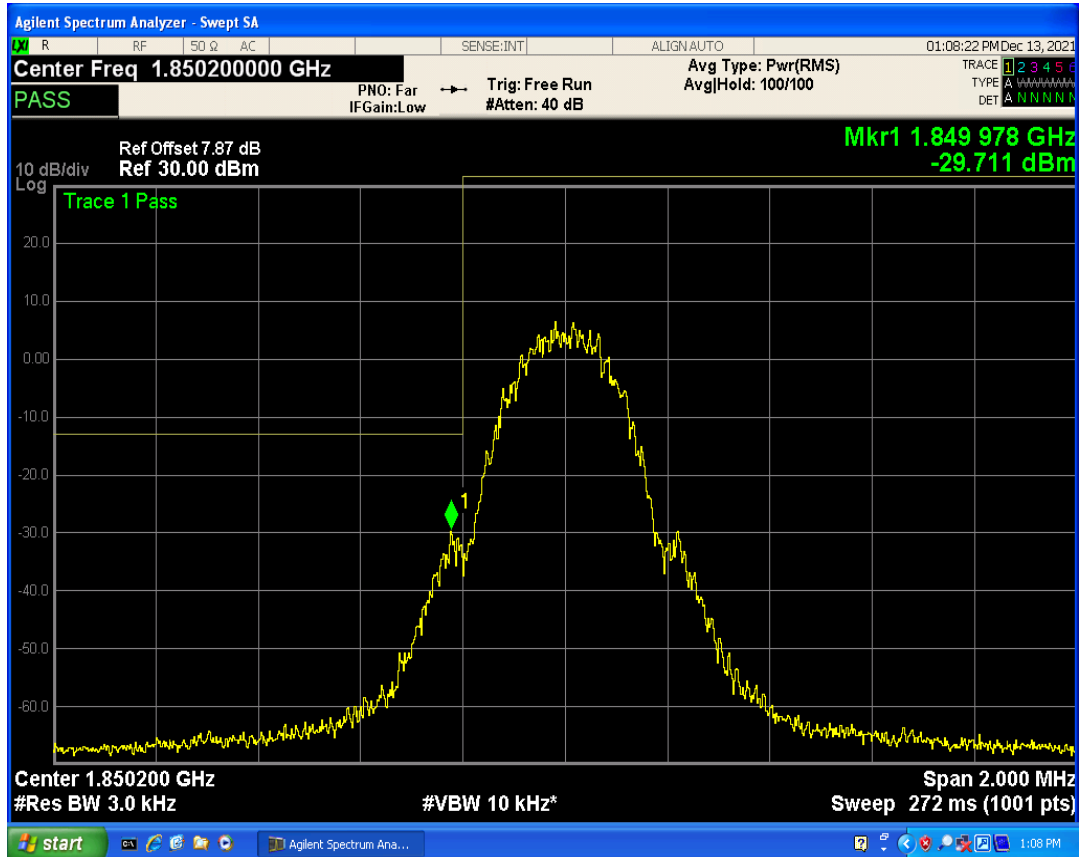
GSM850 Channel=251



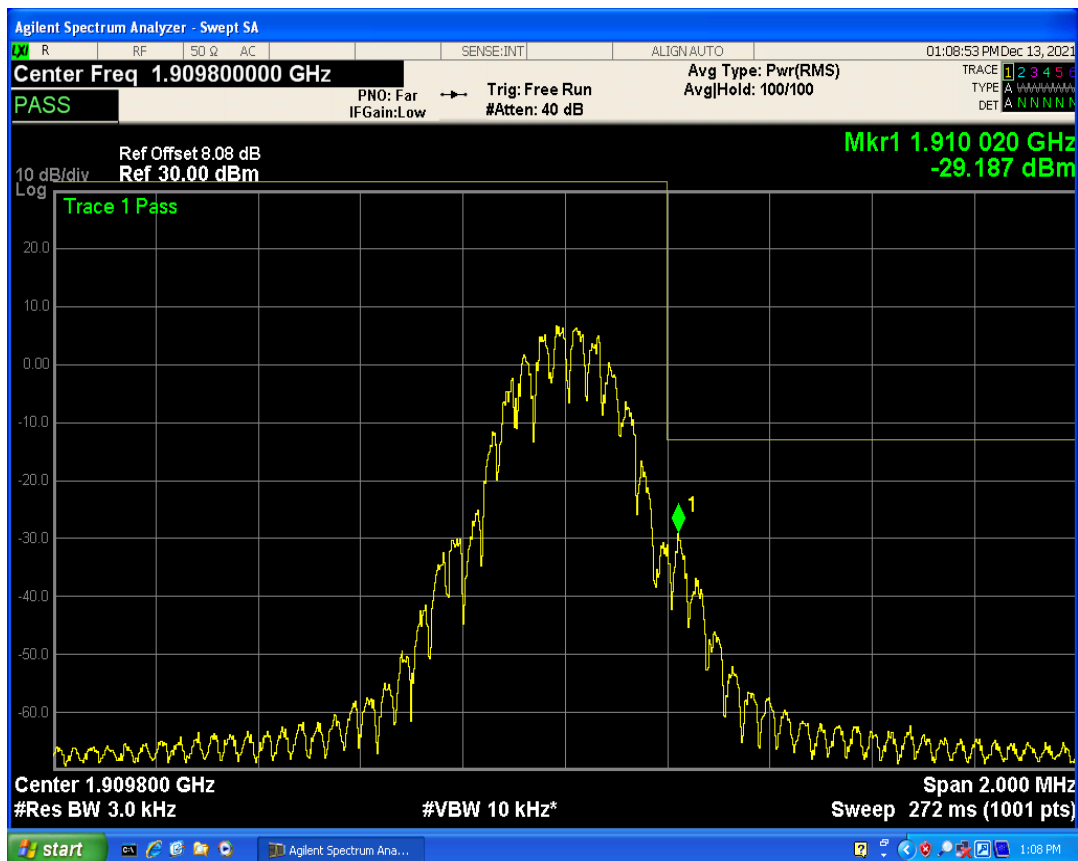
05 Band edge

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
GSM1900	512	1850.2	1849.98	-29.71	-13	PASS
GSM1900	810	1909.8	1910.02	-29.18	-13	PASS
GSM850	128	824.2	823.98	-28.62	-13	PASS
GSM850	251	848.8	849.02	-26.65	-13	PASS

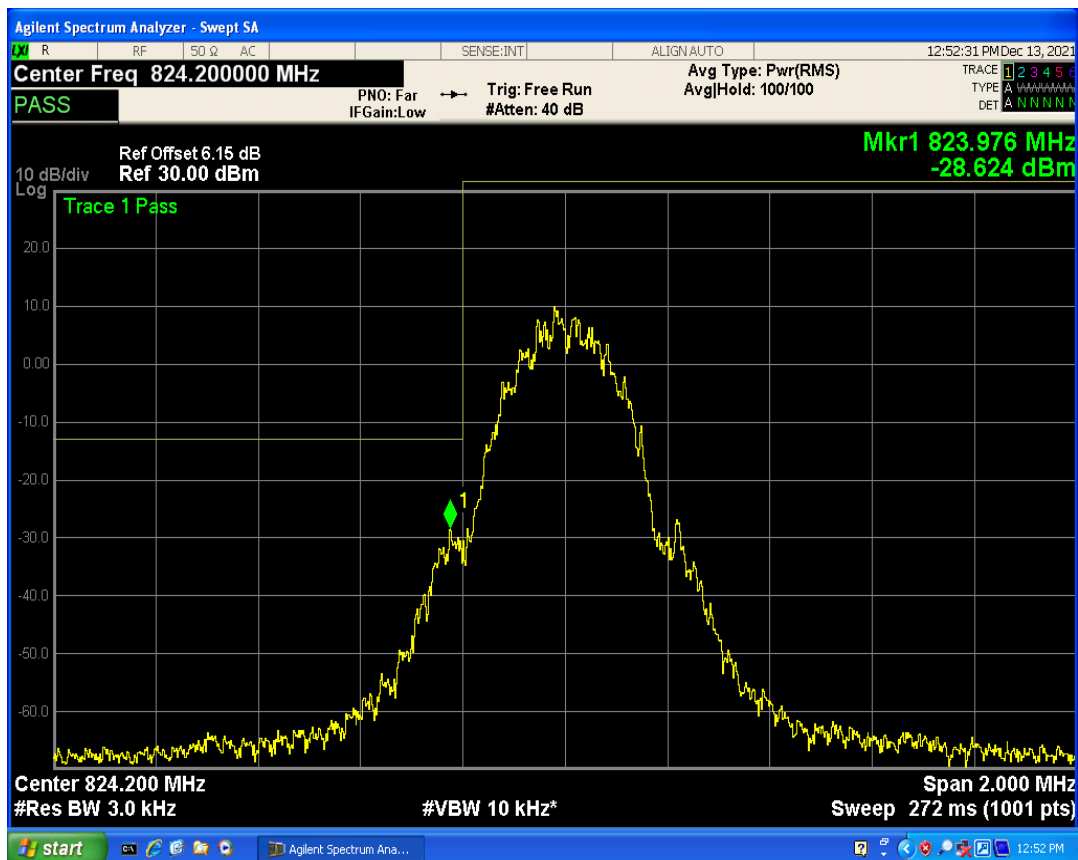
GSM1900 Channel=512



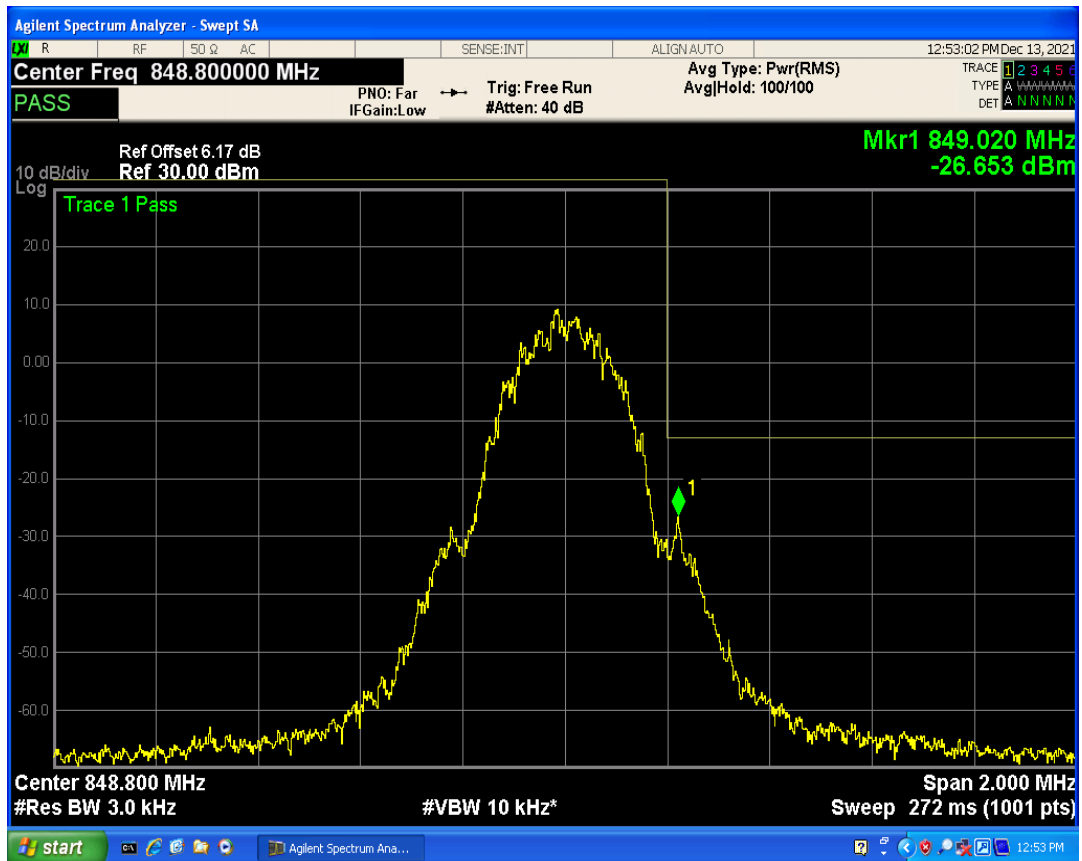
GSM1900 Channel=810



GSM850 Channel=128



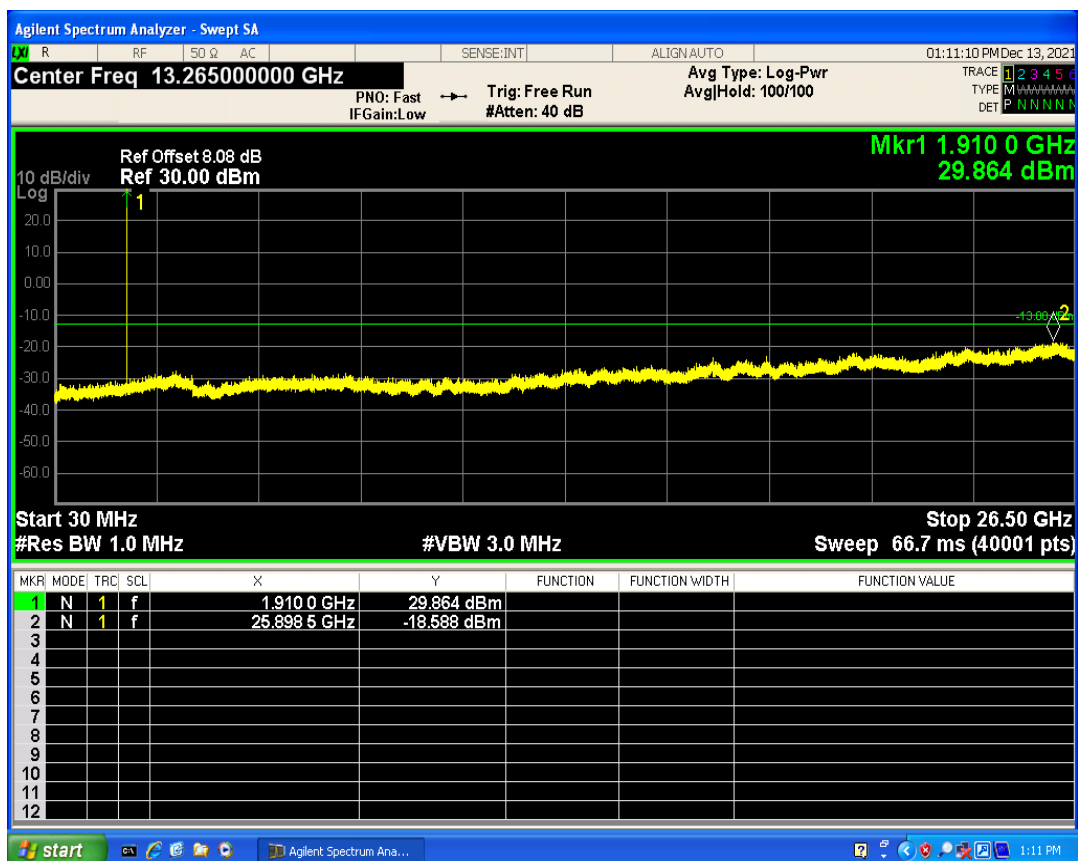
GSM850 Channel=251



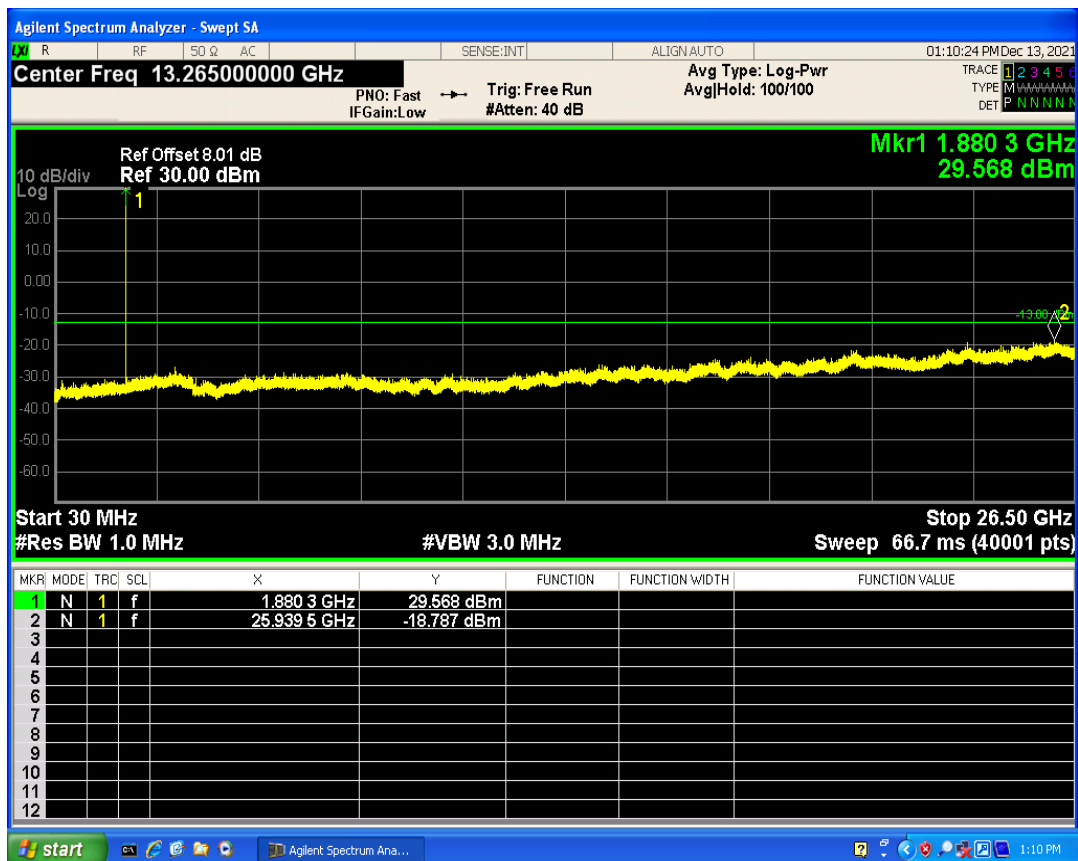
Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
GSM1900	512	1850.2	26020.23	-18.28	-13	PASS
GSM1900	661	1880	25939.50	-18.78	-13	PASS
GSM1900	810	1909.8	25898.47	-18.58	-13	PASS
GSM850	128	824.2	25985.82	-20.28	-13	PASS
GSM850	189	836.4	25962.66	-20.44	-13	PASS
GSM850	251	848.8	25966.63	-20.61	-13	PASS

[illegible]

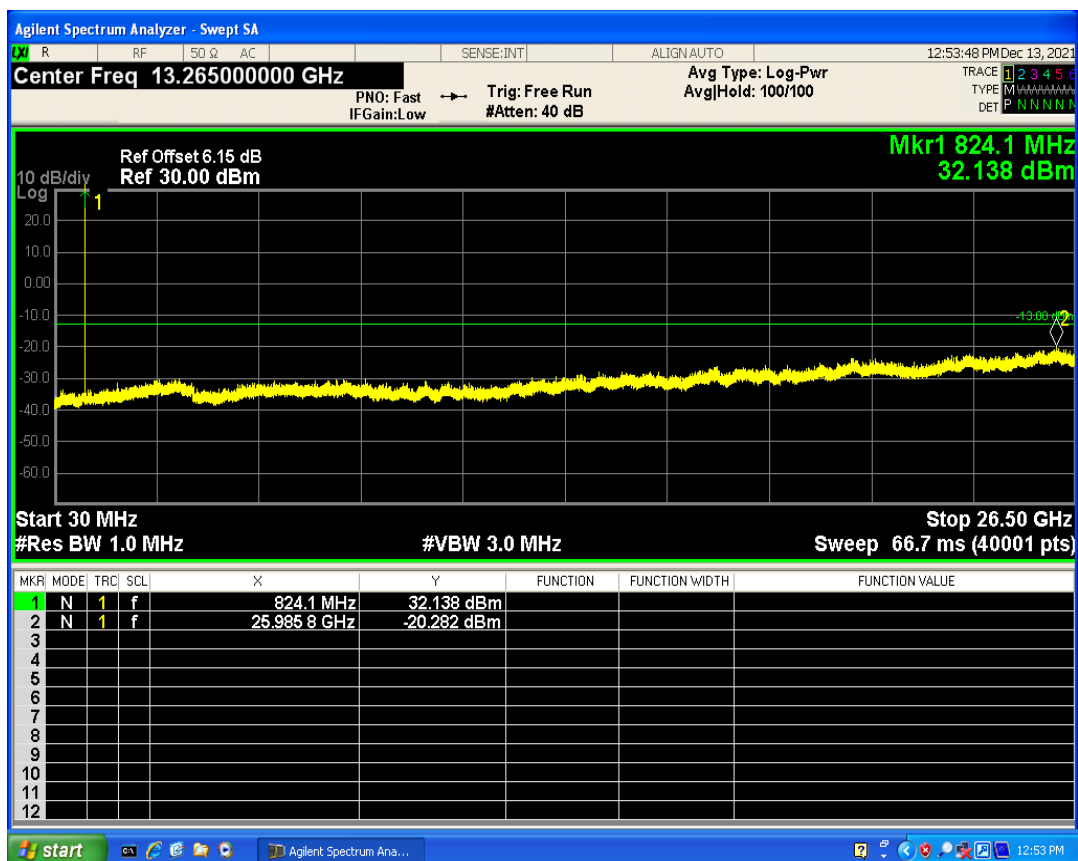
GSM1900 Channel=810



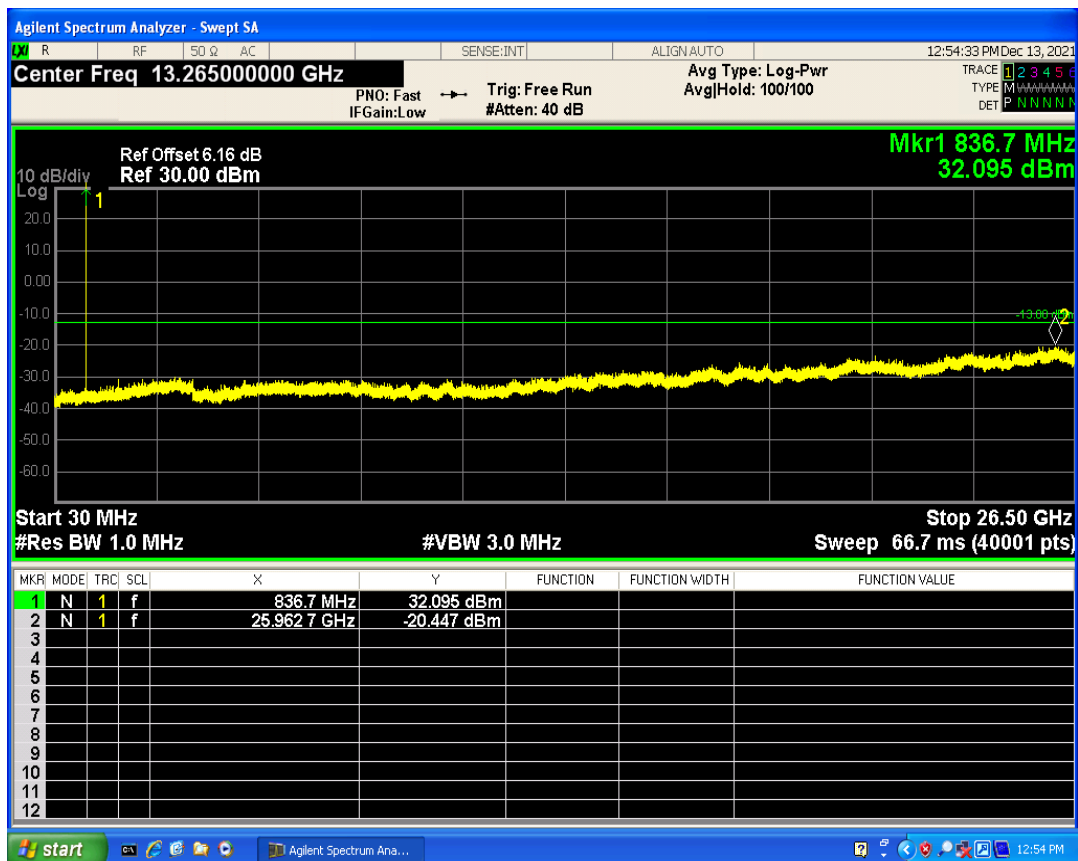
GSM1900 Channel=661



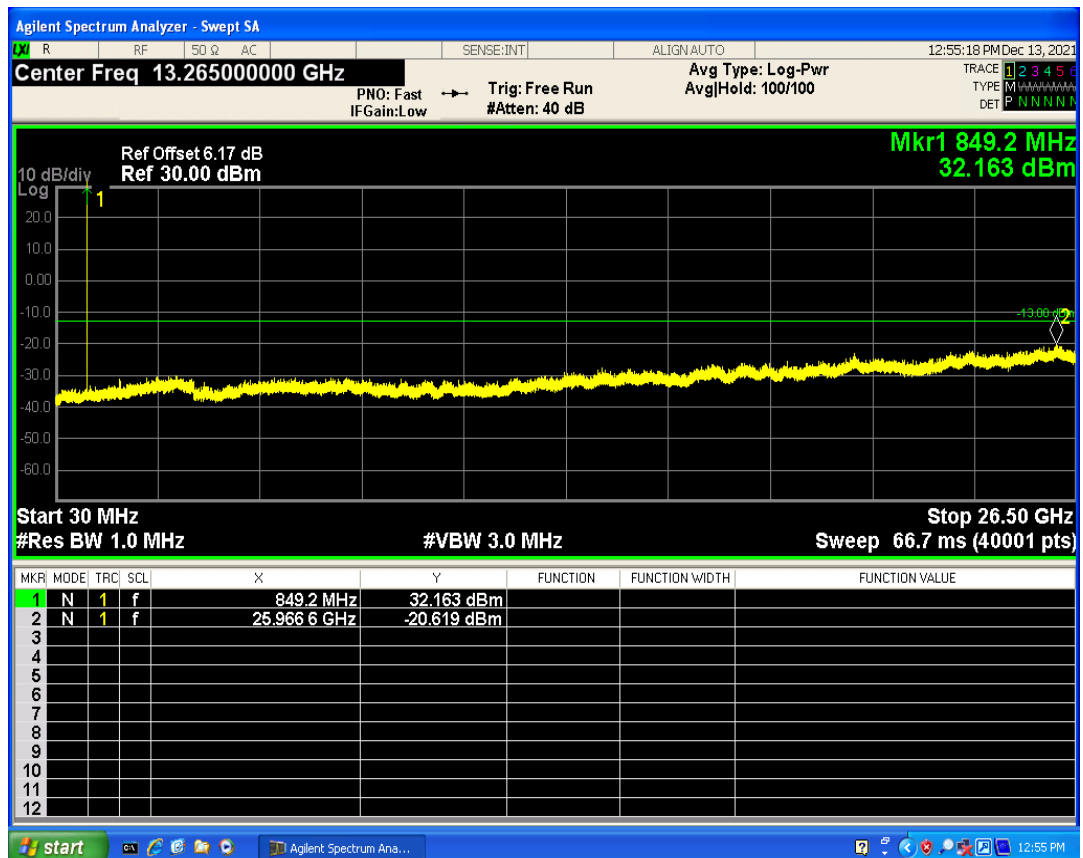
GSM850 Channel=128



GSM850 Channel=189



GSM850 Channel=251



3G

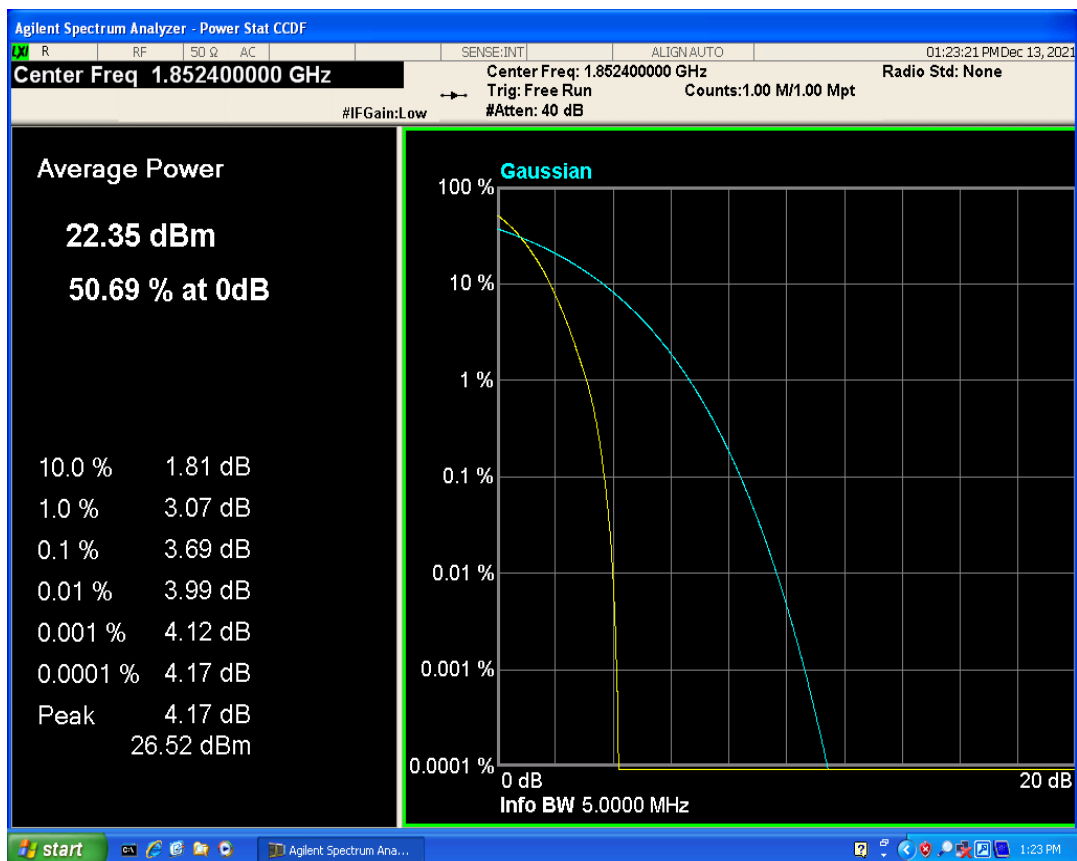
01 Conducted output power

Band	Channel	Frequency (MHz)	Power (dBm)	Verdict
WCDMA Band2	9262	1852.4	21.37	PASS
WCDMA Band2	9400	1880	22.01	PASS
WCDMA Band2	9538	1907.6	21.82	PASS
WCDMA Band5	4132	826.4	22.00	PASS
WCDMA Band5	4182	836.4	22.13	PASS
WCDMA Band5	4233	846.6	21.79	PASS

03 Peak-to-Average Ratio

Band	Channel	Frequency (MHz)	Result (dB)	high Limit (dB)	Verdict
WCDMA Band2	9262	1852.4	3.69	13	PASS
WCDMA Band2	9400	1880	3.41	13	PASS
WCDMA Band2	9538	1907.6	3.64	13	PASS
WCDMA Band5	4132	826.4	3.18	13	PASS
WCDMA Band5	4182	836.4	3.11	13	PASS
WCDMA Band5	4233	846.6	3.29	13	PASS

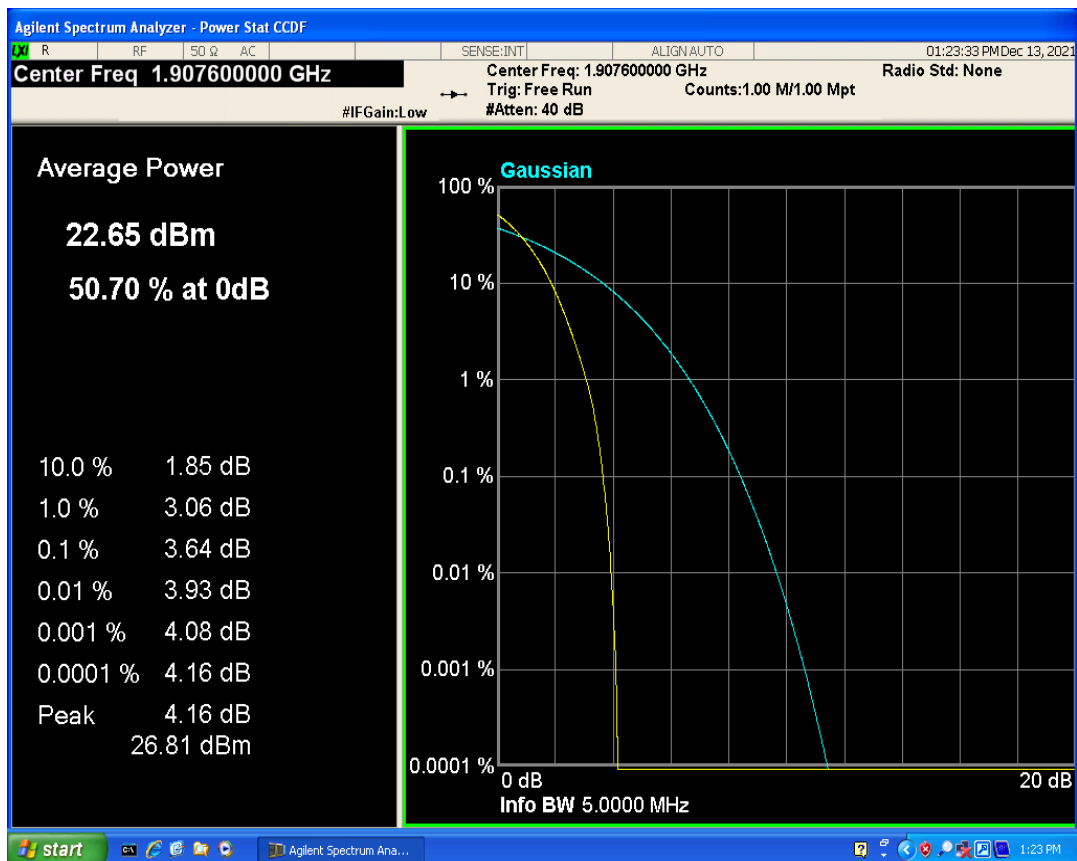
WCDMA Band2 Channel=9262



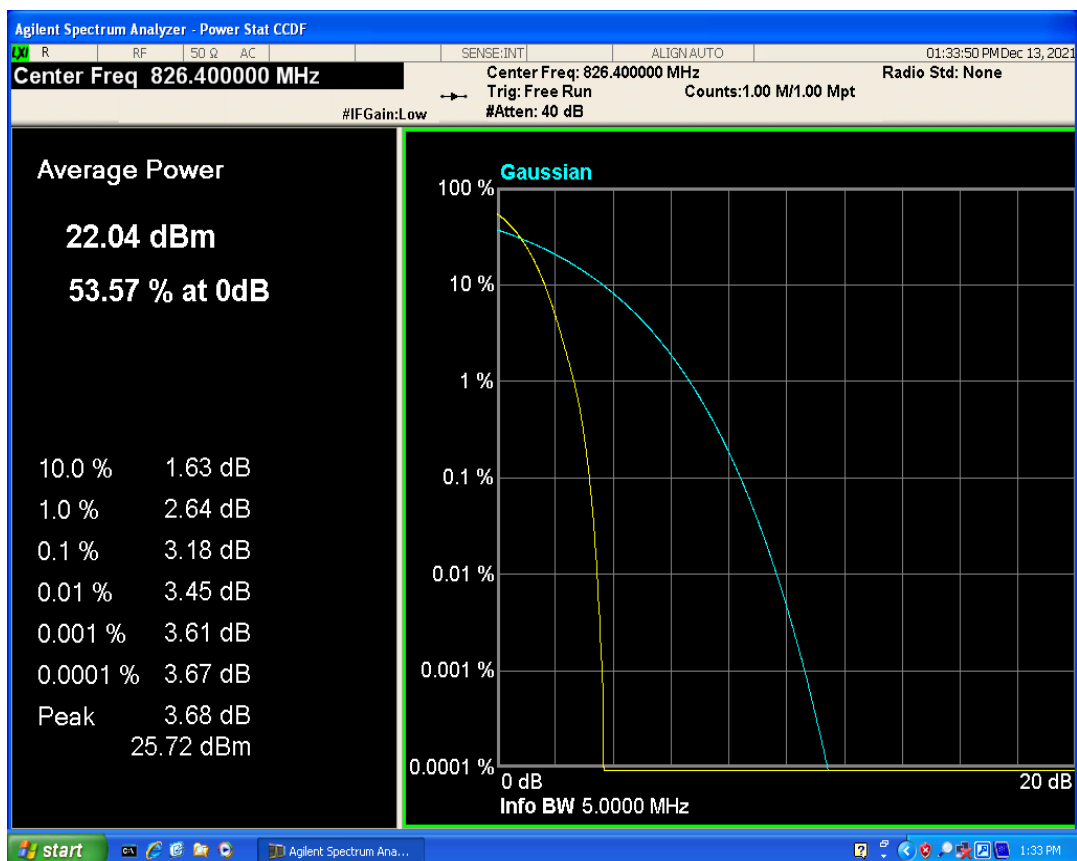
WCDMA Band2 Channel=9400



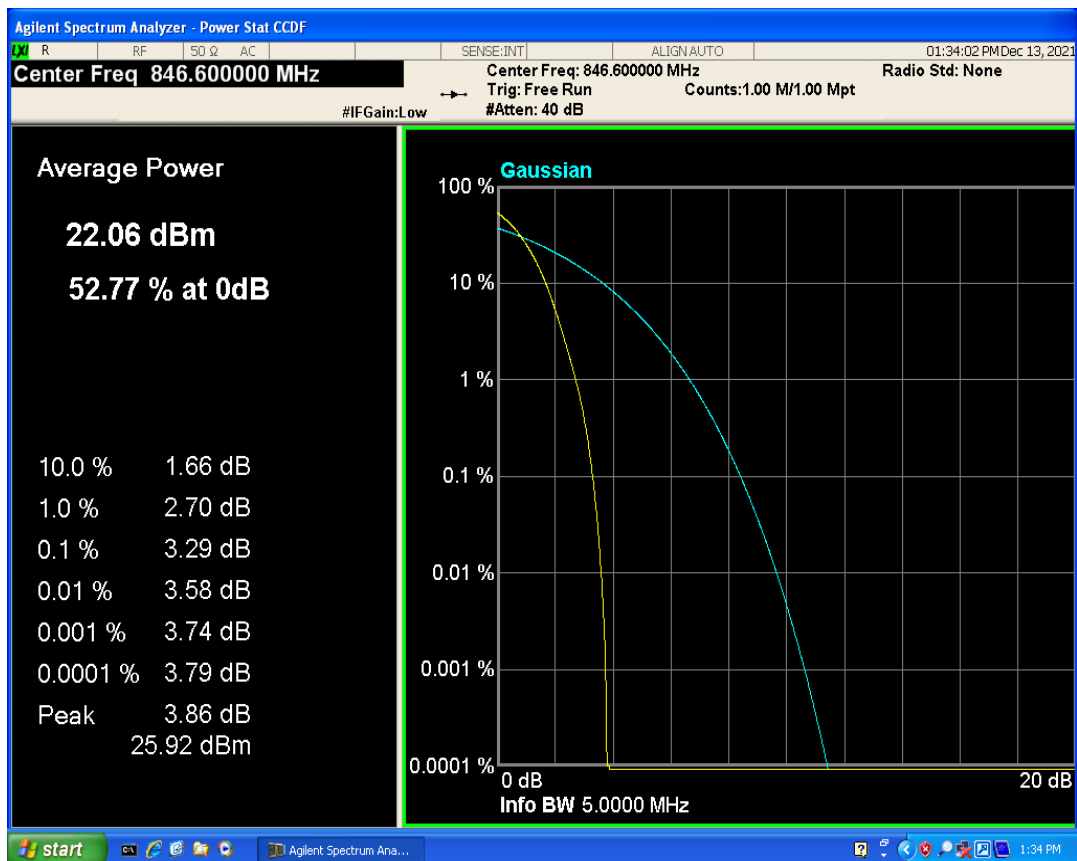
WCDMA Band2 Channel=9538



WCDMA Band5 Channel=4132



WCDMA Band5 Channel=4233



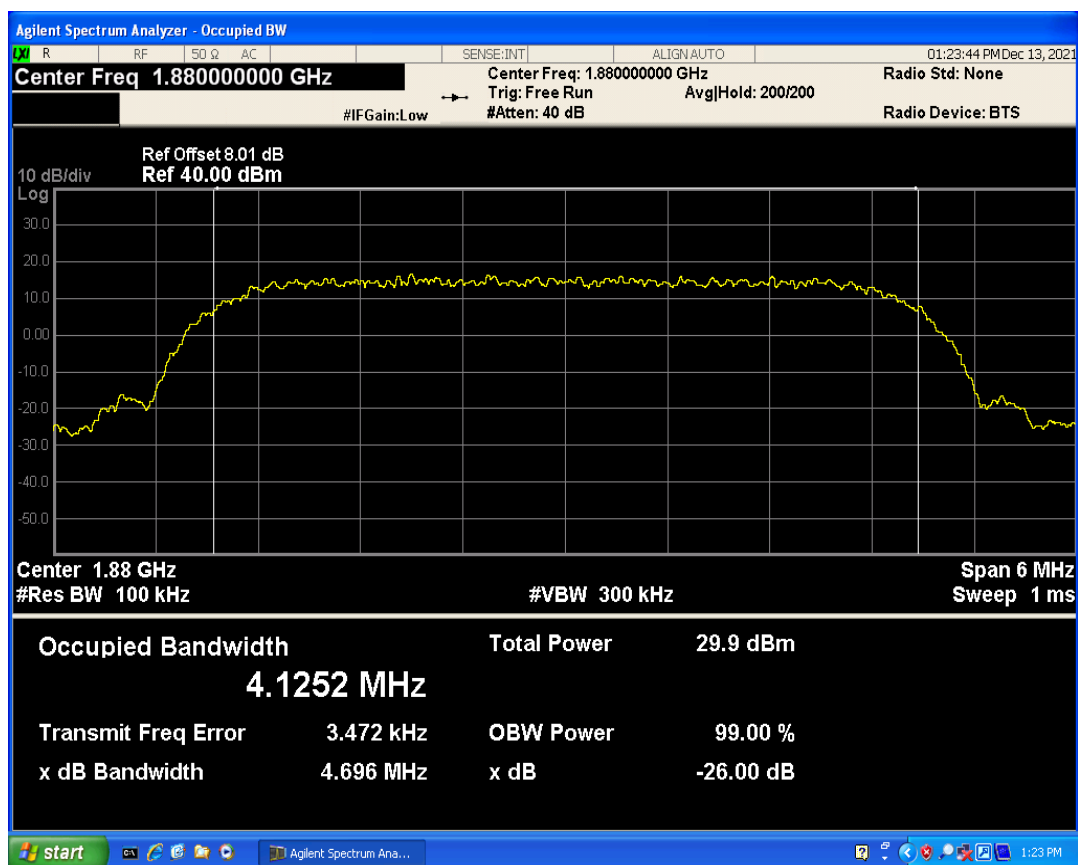
WCDMA Band5 Channel=4182



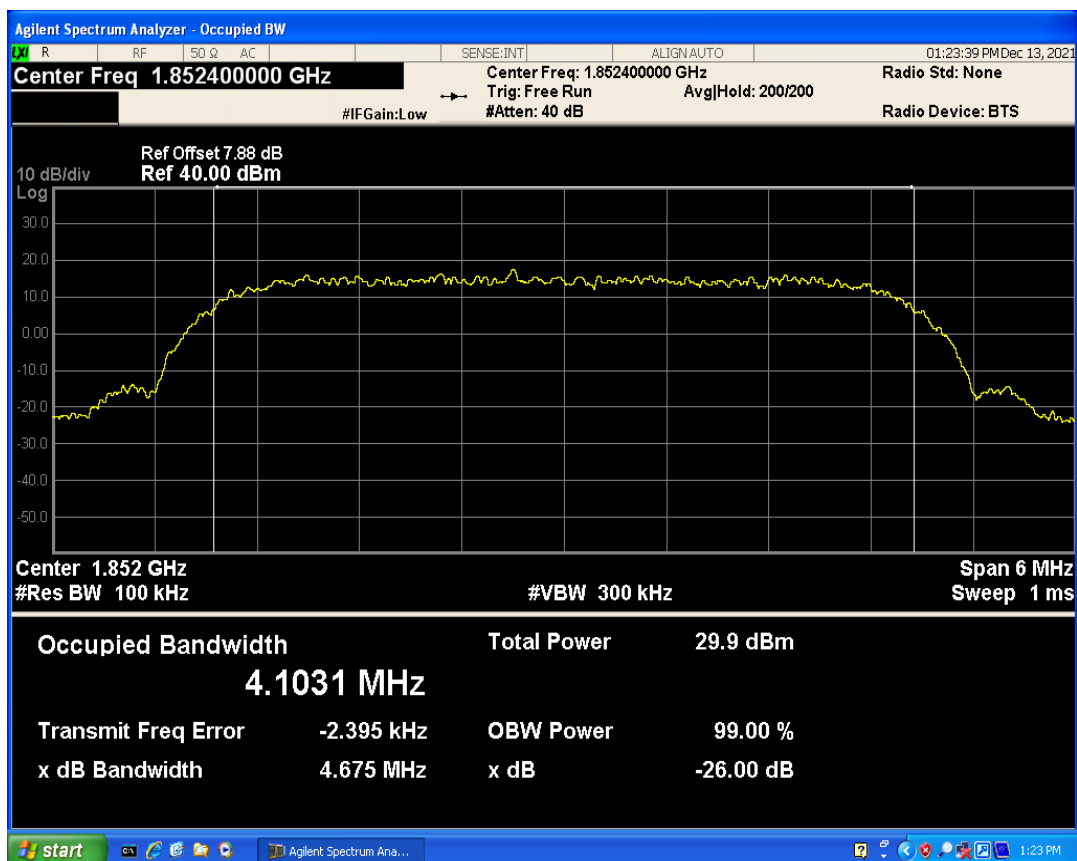
04 Occupied bandwidth

Band	Channel	Frequency (MHz)	99% OBW (kHz)	-26dB EBW (kHz)	Verdict
WCDMA Band2	9262	1852.4	4103.085	4674.861	PASS
WCDMA Band2	9400	1880	4125.207	4695.620	PASS
WCDMA Band2	9538	1907.6	4112.369	4649.198	PASS
WCDMA Band5	4132	826.4	4126.851	4724.579	PASS
WCDMA Band5	4182	836.4	4125.361	4705.211	PASS
WCDMA Band5	4233	846.6	4138.685	4727.276	PASS

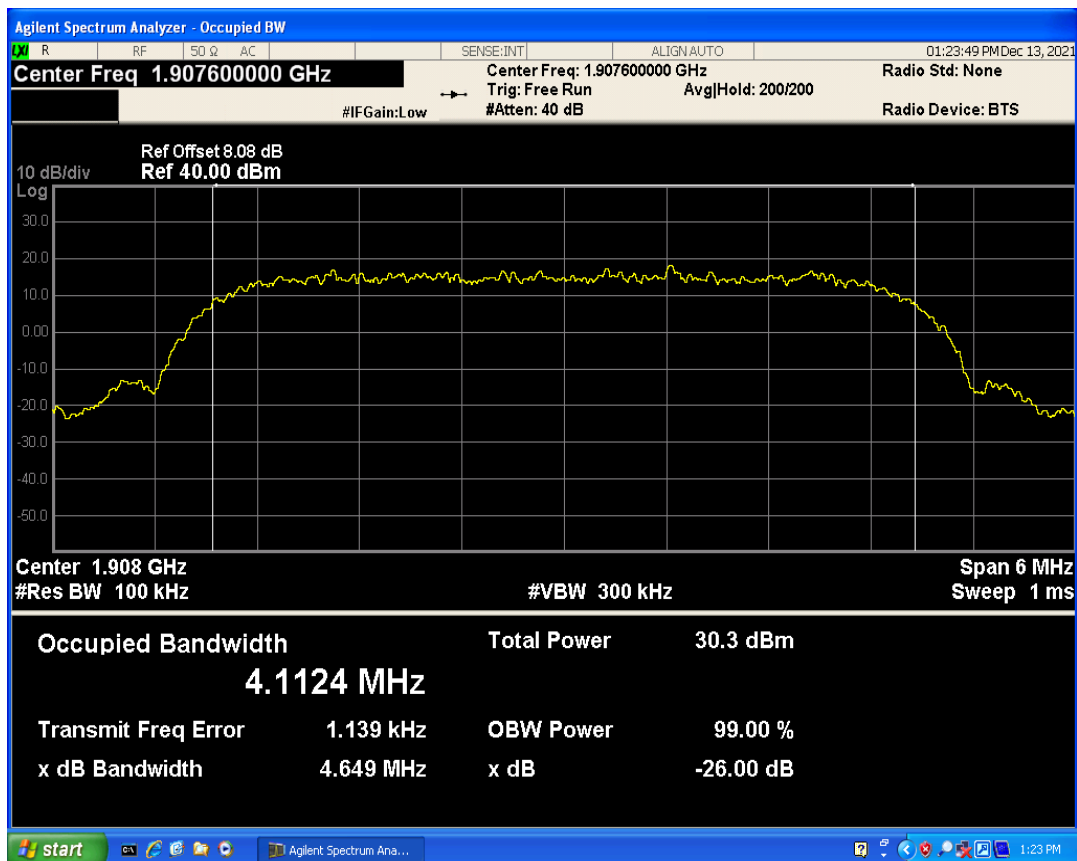
WCDMA Band2 Channel=9400



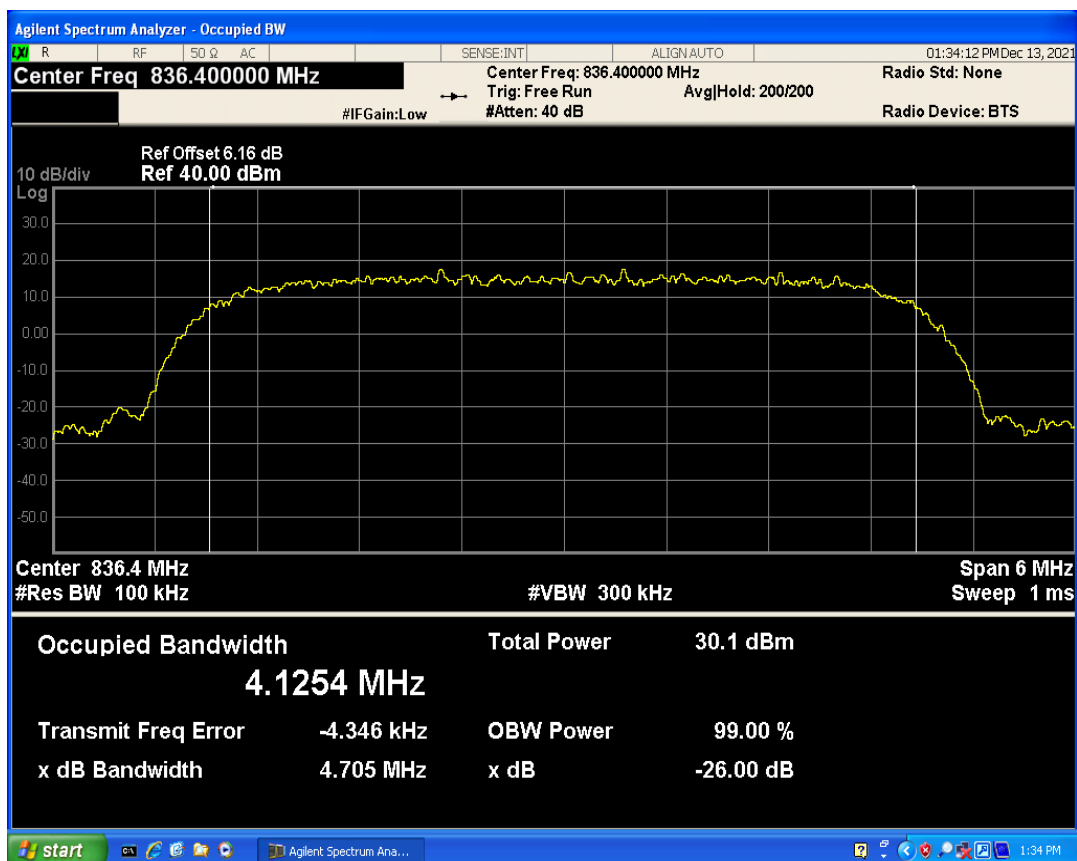
WCDMA Band2 Channel=9262



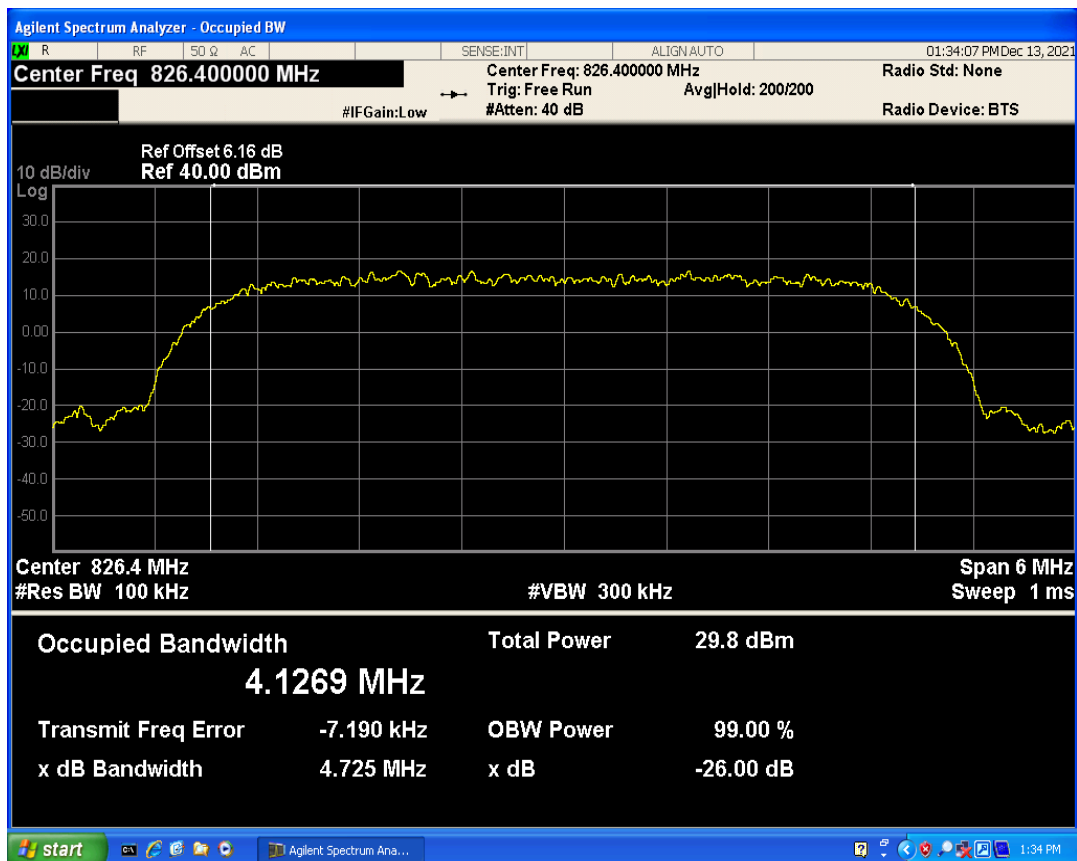
WCDMA Band2 Channel=9538



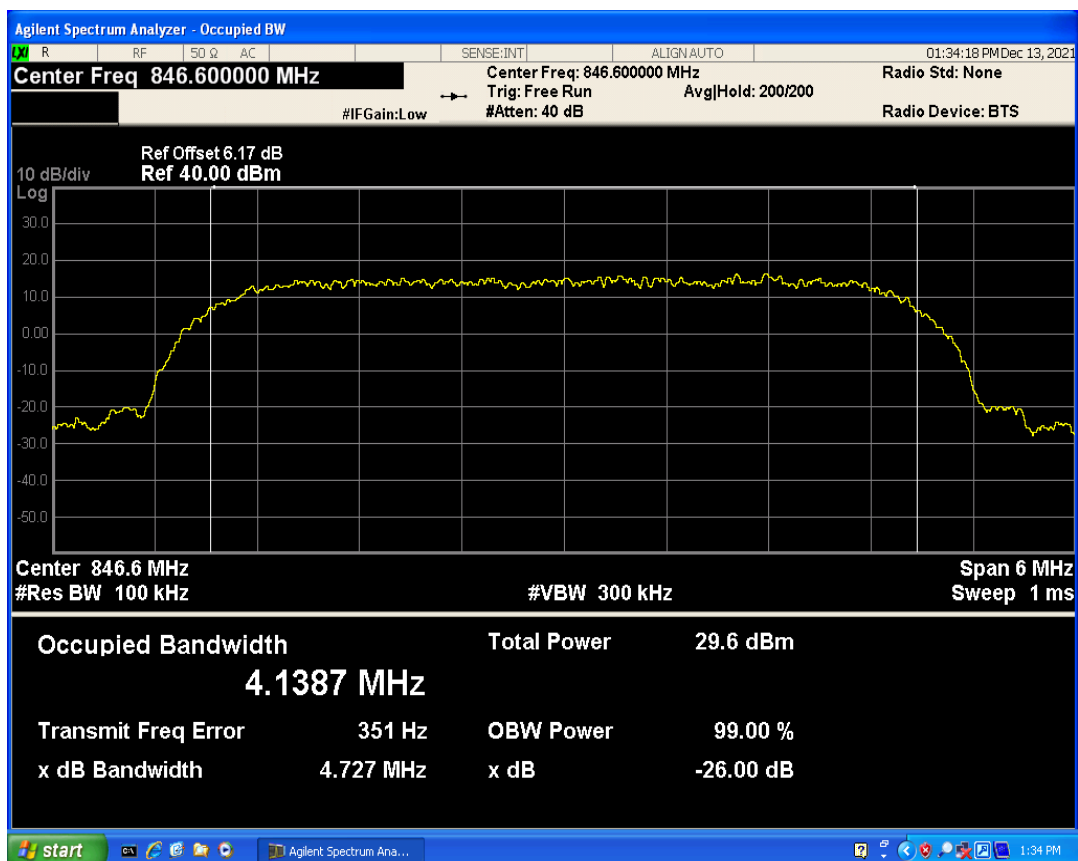
WCDMA Band5 Channel=4182



WCDMA Band5 Channel=4132



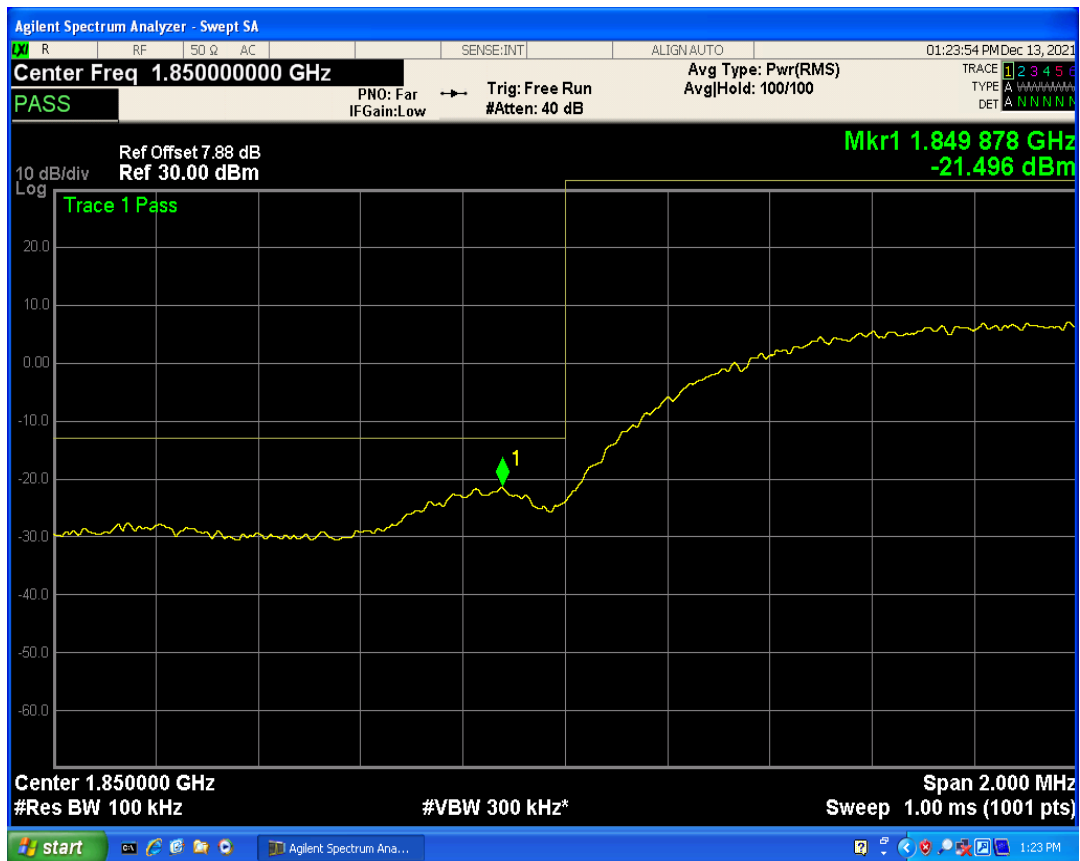
WCDMA Band5 Channel=4233



05 Band edge

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
WCDMA Band2	9262	1852.4	1849.88	-21.49	-13	PASS
WCDMA Band2	9538	1907.6	1910.14	-21.14	-13	PASS
WCDMA Band5	4132	826.4	824.00	-22.54	-13	PASS
WCDMA Band5	4233	846.6	849.00	-23.12	-13	PASS

WCDMA Band2 Channel=9262



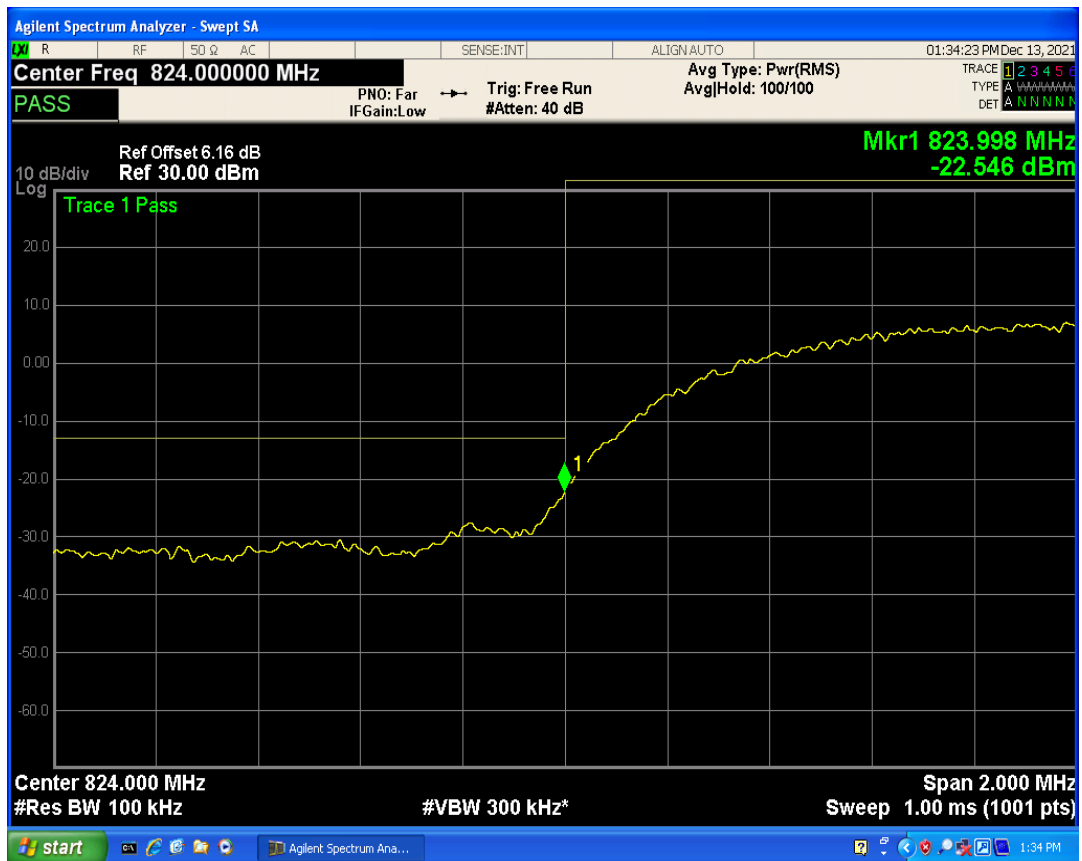
WCDMA Band2 Channel=9538



WCDMA Band5 Channel=4233



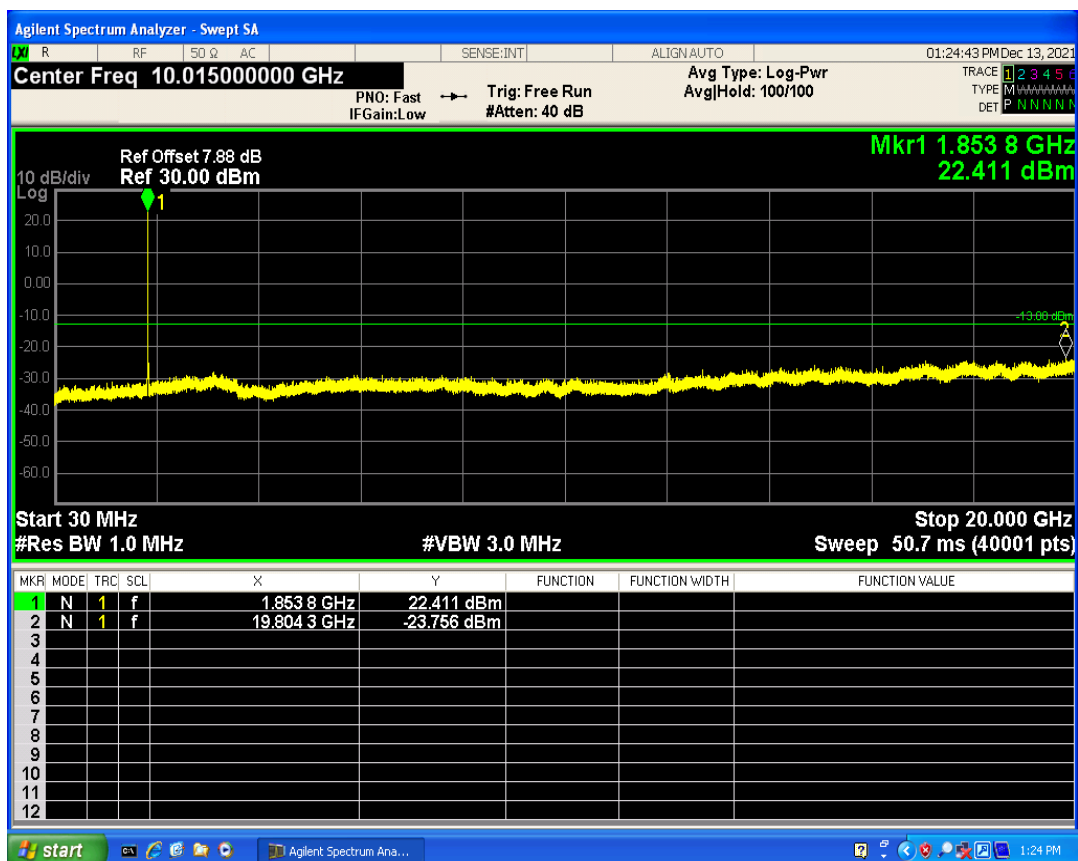
WCDMA Band5 Channel=4132



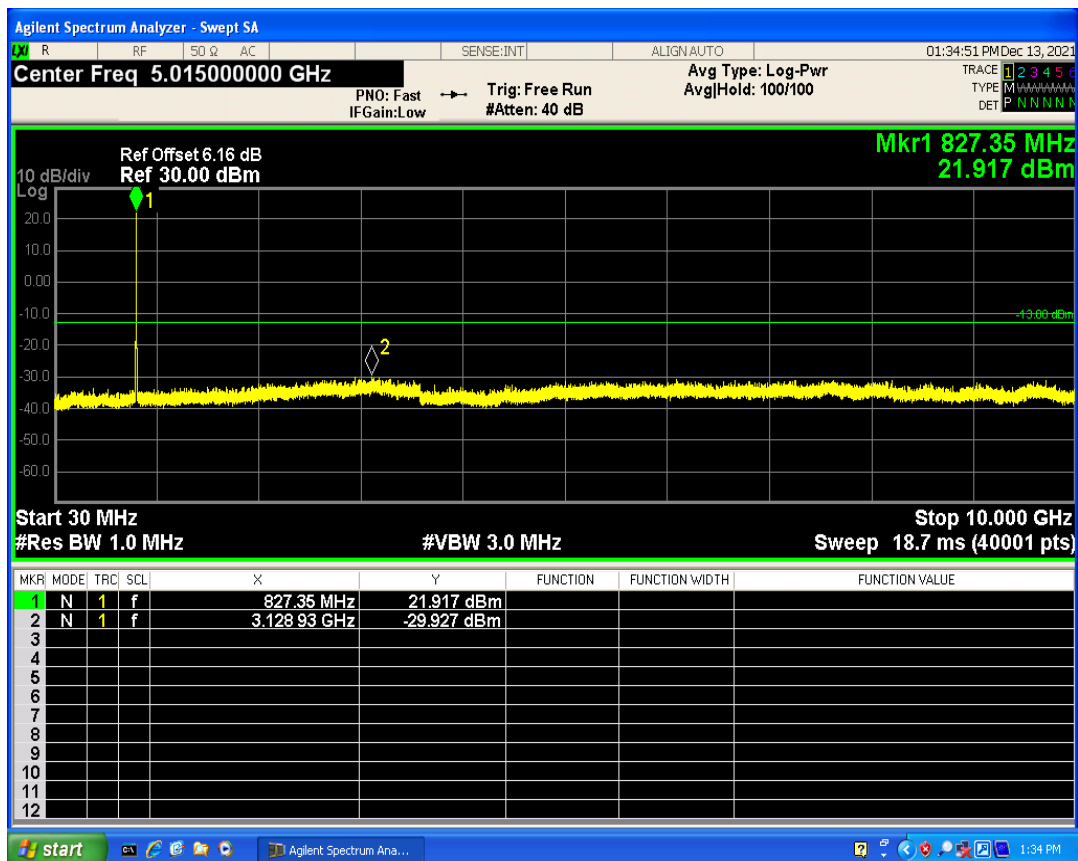
06 Out-of-band emissions

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
WCDMA Band2	9262	1852.4	19804.29	-23.75	-13	PASS
WCDMA Band2	9400	1880	19952.07	-23.62	-13	PASS
WCDMA Band2	9538	1907.6	19750.38	-23.53	-13	PASS
WCDMA Band5	4132	826.4	3128.93	-29.92	-13	PASS
WCDMA Band5	4182	836.4	2990.84	-29.77	-13	PASS
WCDMA Band5	4233	846.6	3147.37	-29.21	-13	PASS

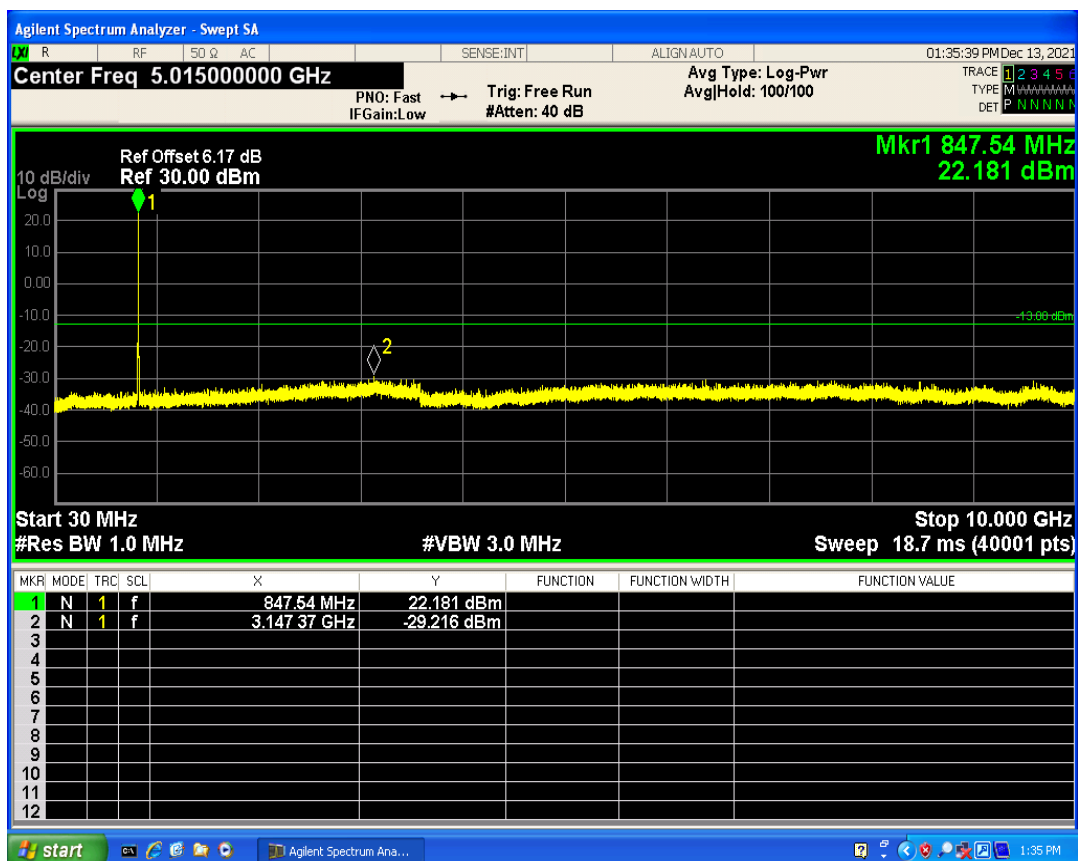
WCDMA Band2 Channel=9262



WCDMA Band5 Channel=4132



WCDMA Band5 Channel=4233



07 Conducted output power

Band	Channel	Frequency (MHz)	Power (dBm)	Verdict
HSDPA Band2 Subtest1	9262	1852.4	20.26	PASS
HSDPA Band2 Subtest2	9262	1852.4	20.42	PASS
HSDPA Band2 Subtest3	9262	1852.4	19.62	PASS
HSDPA Band2 Subtest4	9262	1852.4	19.25	PASS
HSDPA Band2 Subtest1	9400	1880	20.70	PASS
HSDPA Band2 Subtest2	9400	1880	20.69	PASS
HSDPA Band2 Subtest3	9400	1880	19.78	PASS
HSDPA Band2 Subtest4	9400	1880	19.51	PASS
HSDPA Band2 Subtest1	9538	1907.6	20.71	PASS
HSDPA Band2 Subtest2	9538	1907.6	20.68	PASS
HSDPA Band2 Subtest3	9538	1907.6	19.71	PASS
HSDPA Band2 Subtest4	9538	1907.6	19.30	PASS
HSDPA Band5 Subtest1	4132	826.4	20.92	PASS
HSDPA Band5 Subtest2	4132	826.4	20.88	PASS
HSDPA Band5 Subtest3	4132	826.4	19.96	PASS
HSDPA Band5 Subtest4	4132	826.4	19.86	PASS
HSDPA Band5 Subtest1	4182	836.4	21.02	PASS
HSDPA Band5 Subtest2	4182	836.4	20.79	PASS
HSDPA Band5 Subtest3	4182	836.4	19.64	PASS
HSDPA Band5 Subtest4	4182	836.4	19.67	PASS
HSDPA Band5 Subtest1	4233	846.6	20.77	PASS
HSDPA Band5 Subtest2	4233	846.6	20.43	PASS
HSDPA Band5 Subtest3	4233	846.6	19.50	PASS
HSDPA Band5 Subtest4	4233	846.6	19.46	PASS

13 Conducted output power

Band	Channel	Frequency (MHz)	Power (dBm)	Verdict
HSUPA Band2 Subtest1	9262	1852.4	19.38	PASS
HSUPA Band2 Subtest2	9262	1852.4	20.40	PASS
HSUPA Band2 Subtest3	9262	1852.4	20.04	PASS
HSUPA Band2 Subtest4	9262	1852.4	20.27	PASS
HSUPA Band2 Subtest5	9262	1852.4	19.87	PASS
HSUPA Band2 Subtest1	9400	1880	20.09	PASS
HSUPA Band2 Subtest2	9400	1880	20.72	PASS
HSUPA Band2 Subtest3	9400	1880	20.08	PASS
HSUPA Band2 Subtest4	9400	1880	20.49	PASS
HSUPA Band2 Subtest5	9400	1880	19.82	PASS
HSUPA Band2 Subtest1	9538	1907.6	19.96	PASS
HSUPA Band2 Subtest2	9538	1907.6	20.63	PASS
HSUPA Band2 Subtest3	9538	1907.6	20.38	PASS
HSUPA Band2 Subtest4	9538	1907.6	20.50	PASS
HSUPA Band2 Subtest5	9538	1907.6	19.89	PASS
HSUPA Band5 Subtest1	4132	826.4	20.07	PASS
HSUPA Band5 Subtest2	4132	826.4	20.94	PASS
HSUPA Band5 Subtest3	4132	826.4	20.20	PASS
HSUPA Band5 Subtest4	4132	826.4	20.90	PASS
HSUPA Band5 Subtest5	4132	826.4	20.29	PASS
HSUPA Band5 Subtest1	4182	836.4	20.26	PASS
HSUPA Band5 Subtest2	4182	836.4	20.96	PASS
HSUPA Band5 Subtest3	4182	836.4	20.32	PASS
HSUPA Band5 Subtest4	4182	836.4	20.86	PASS
HSUPA Band5 Subtest5	4182	836.4	20.31	PASS
HSUPA Band5 Subtest1	4233	846.6	20.09	PASS
HSUPA Band5 Subtest2	4233	846.6	20.69	PASS
HSUPA Band5 Subtest3	4233	846.6	19.98	PASS
HSUPA Band5 Subtest4	4233	846.6	20.51	PASS
HSUPA Band5 Subtest5	4233	846.6	19.87	PASS