

2G

07 Conducted output power

Band	Channel	Frequency (MHz)	Power (dBm)	Verdict
GPRS1900 1 Slot	512	1850.2	28.50	PASS
GPRS1900 1 Slot	661	1880	28.36	PASS
GPRS1900 1 Slot	810	1909.8	27.90	PASS
GPRS1900 2 Slot	512	1850.2	25.66	PASS
GPRS1900 2 Slot	661	1880	25.68	PASS
GPRS1900 2 Slot	810	1909.8	25.38	PASS
GPRS1900 3 Slot	512	1850.2	23.95	PASS
GPRS1900 3 Slot	661	1880	23.92	PASS
GPRS1900 3 Slot	810	1909.8	23.94	PASS
GPRS1900 4 Slot	512	1850.2	21.85	PASS
GPRS1900 4 Slot	661	1880	21.79	PASS
GPRS1900 4 Slot	810	1909.8	21.71	PASS
GPRS850 1 Slot	128	824.2	32.49	PASS
GPRS850 1 Slot	189	836.4	32.40	PASS
GPRS850 1 Slot	251	848.8	32.21	PASS
GPRS850 2 Slot	128	824.2	30.66	PASS
GPRS850 2 Slot	189	836.4	30.74	PASS
GPRS850 2 Slot	251	848.8	30.59	PASS
GPRS850 3 Slot	128	824.2	28.91	PASS
GPRS850 3 Slot	189	836.4	28.99	PASS
GPRS850 3 Slot	251	848.8	28.88	PASS
GPRS850 4 Slot	128	824.2	26.89	PASS
GPRS850 4 Slot	189	836.4	26.95	PASS
GPRS850 4 Slot	251	848.8	26.85	PASS

09 Peak-to-Average Ratio

Band	Channel	Frequency (MHz)	Result (dB)	high Limit (dB)	Verdict
GPRS1900	512	1850.2	2.71	13.00	PASS
GPRS1900	661	1880	2.71	13.00	PASS
GPRS1900	810	1909.8	2.70	13.00	PASS
GPRS850	128	824.2	2.62	13.00	PASS
GPRS850	189	836.4	2.61	13.00	PASS
GPRS850	251	848.8	2.62	13.00	PASS

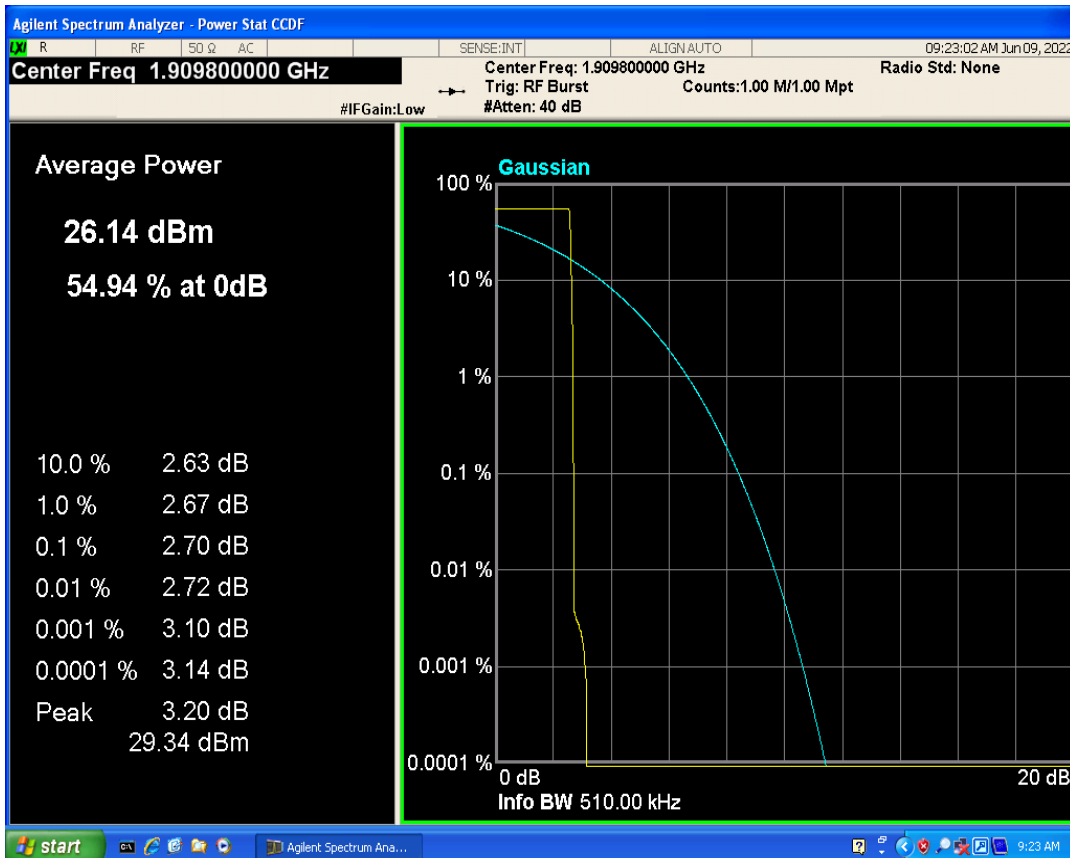
GPRS1900 Channel=661



GPRS1900 Channel=512



GPRS1900 Channel=810



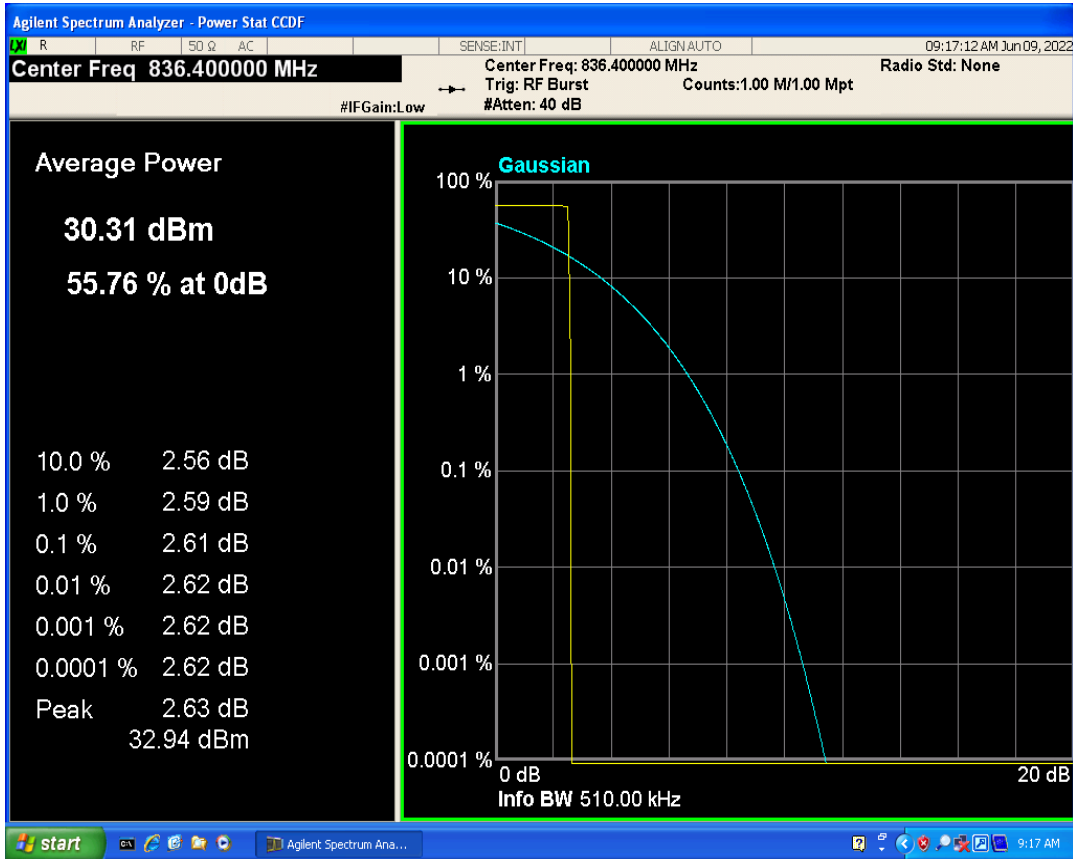
GPRS850 Channel=128



GPRS850 Channel=251



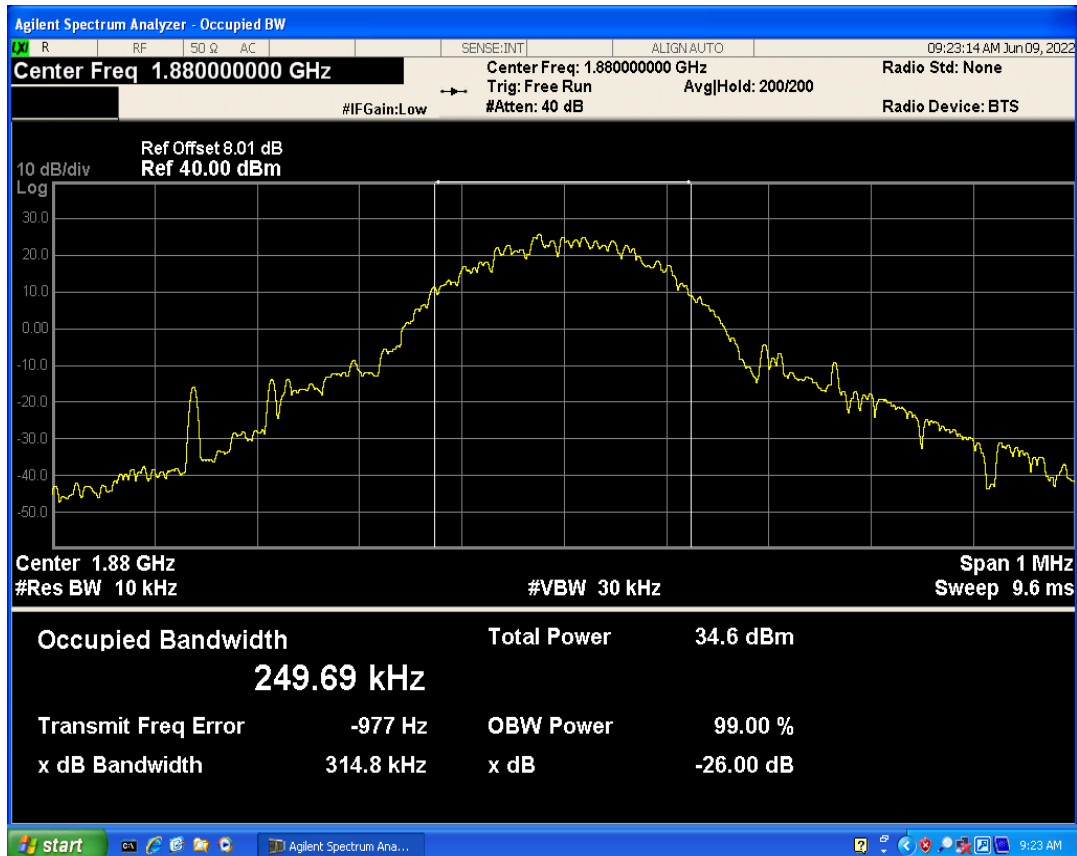
GPRS850 Channel=189



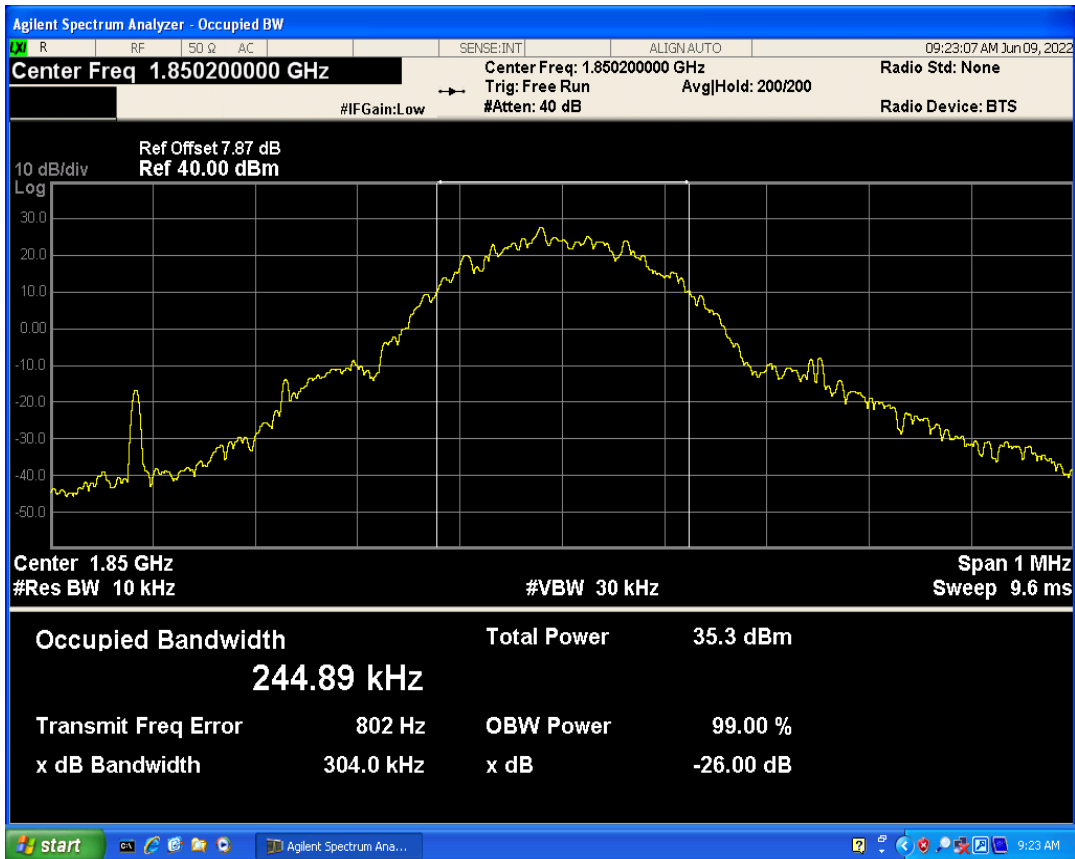
10 Occupied bandwidth

Band	Channel	Frequency (MHz)	99% OBW (kHz)	-26dB EBW (kHz)	Verdict
GPRS1900	512	1850.2	244.887	304.014	PASS
GPRS1900	661	1880	249.686	314.835	PASS
GPRS1900	810	1909.8	246.642	316.137	PASS
GPRS850	128	824.2	245.811	320.702	PASS
GPRS850	189	836.4	244.743	306.069	PASS
GPRS850	251	848.8	247.554	321.861	PASS

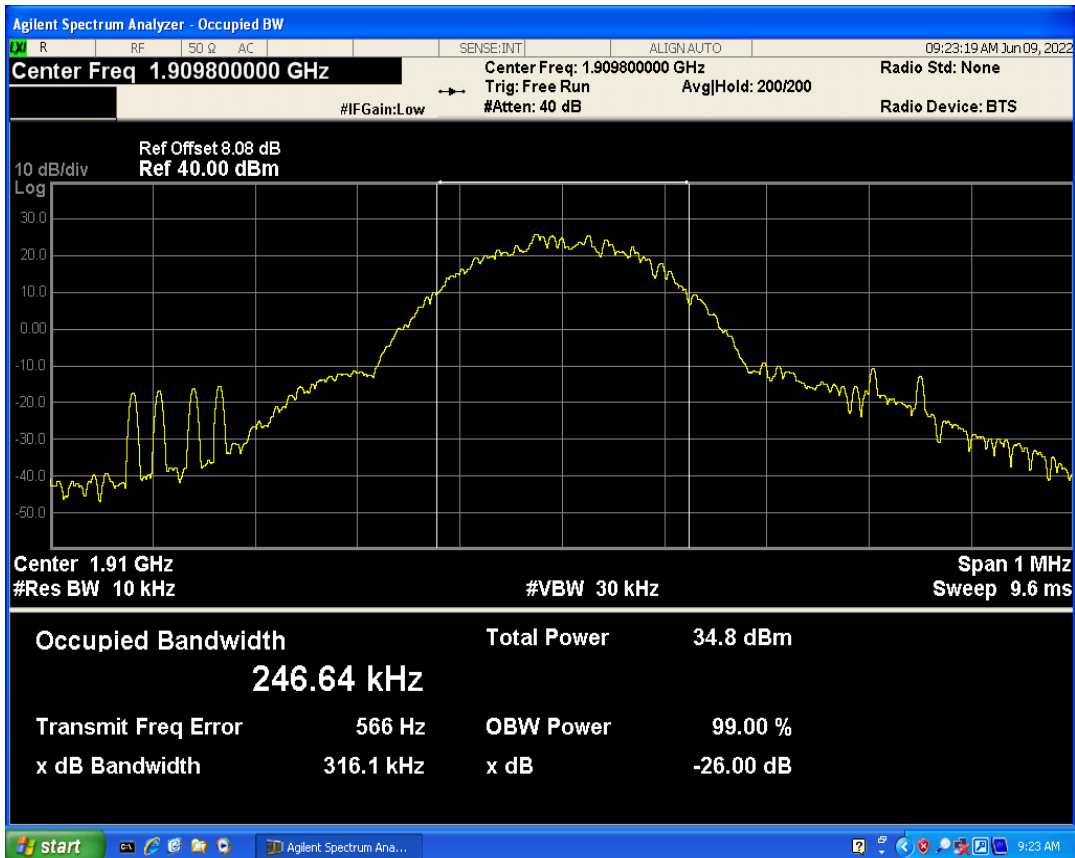
GPRS1900 Channel=661



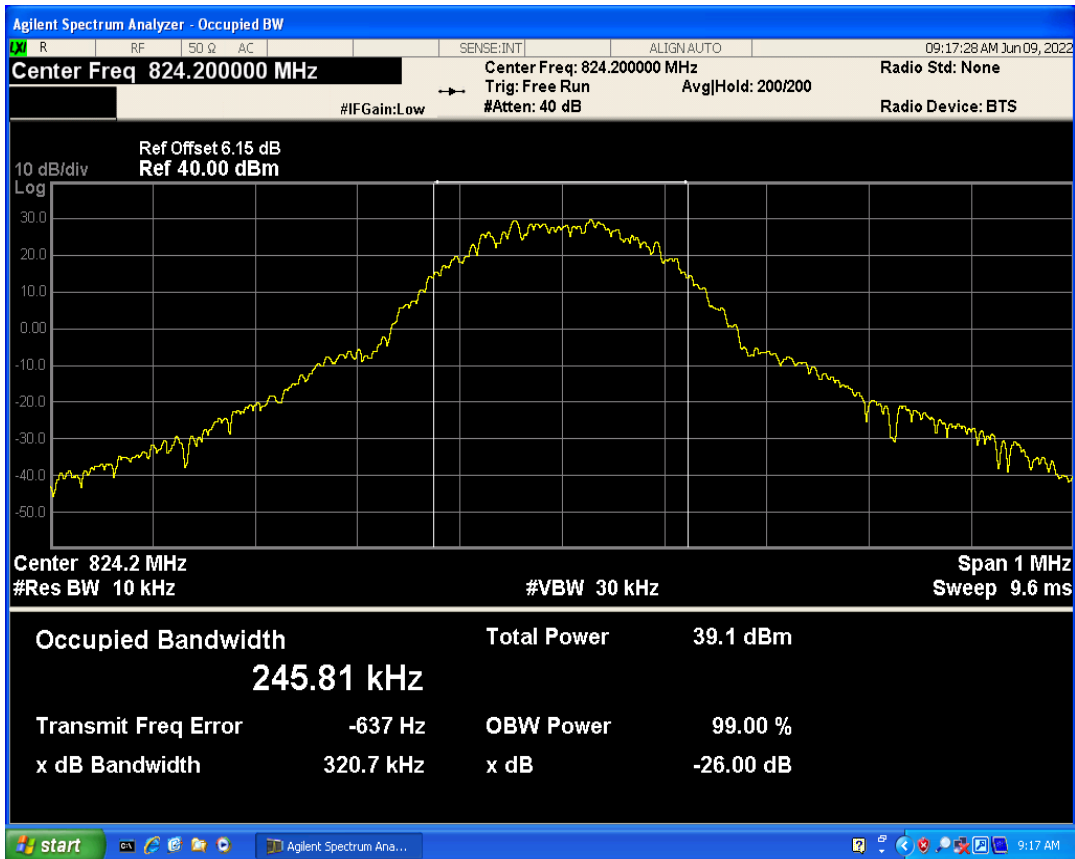
GPRS1900 Channel=512



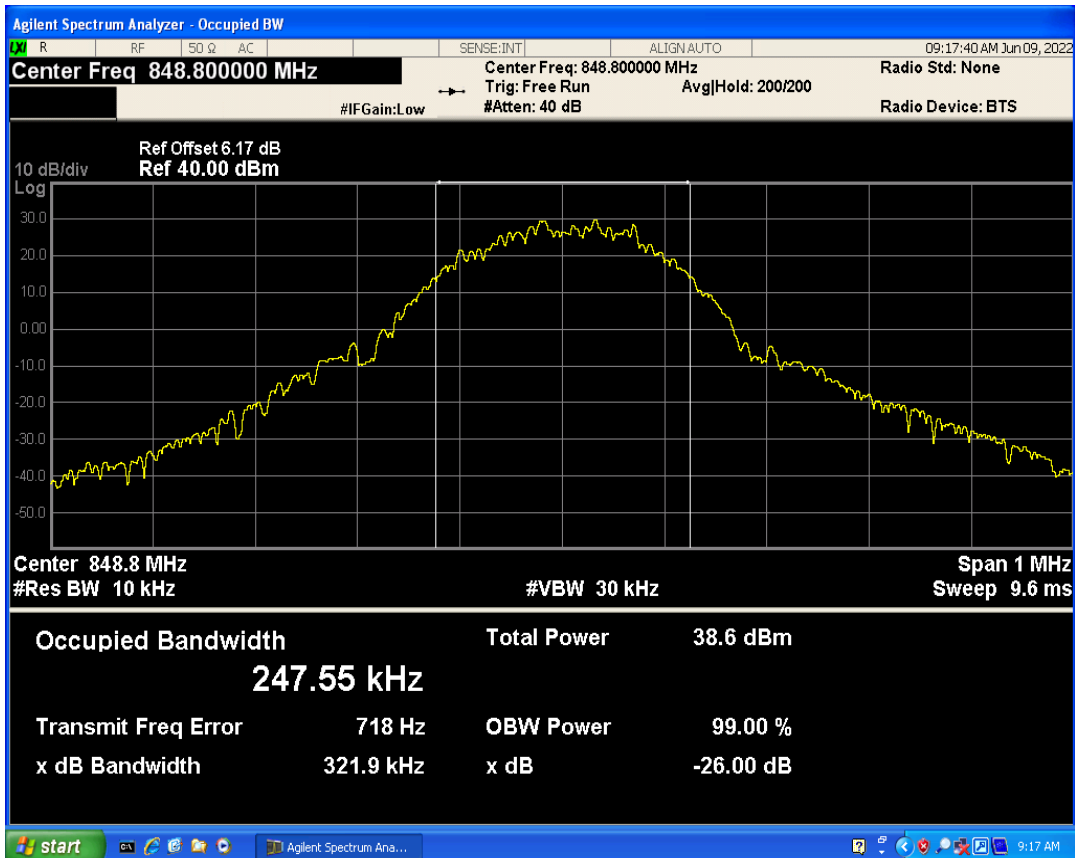
GPRS1900 Channel=810



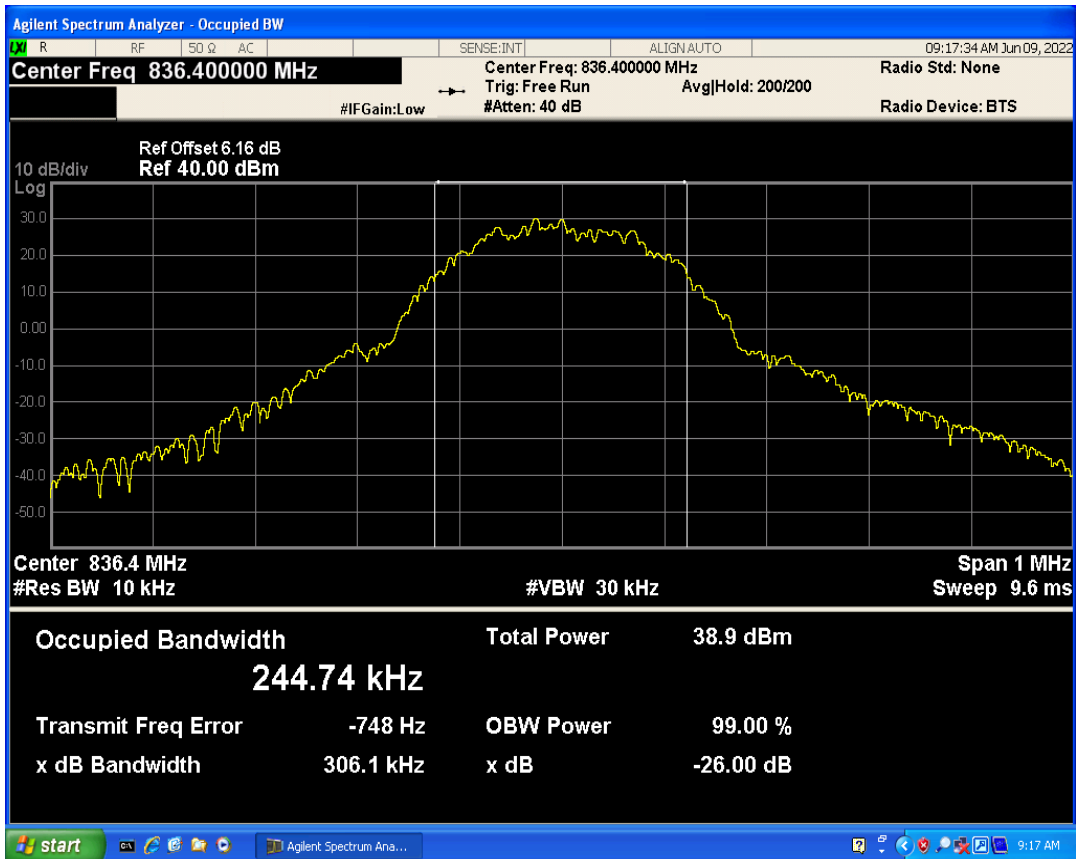
GPRS850 Channel=128



GPRS850 Channel=251



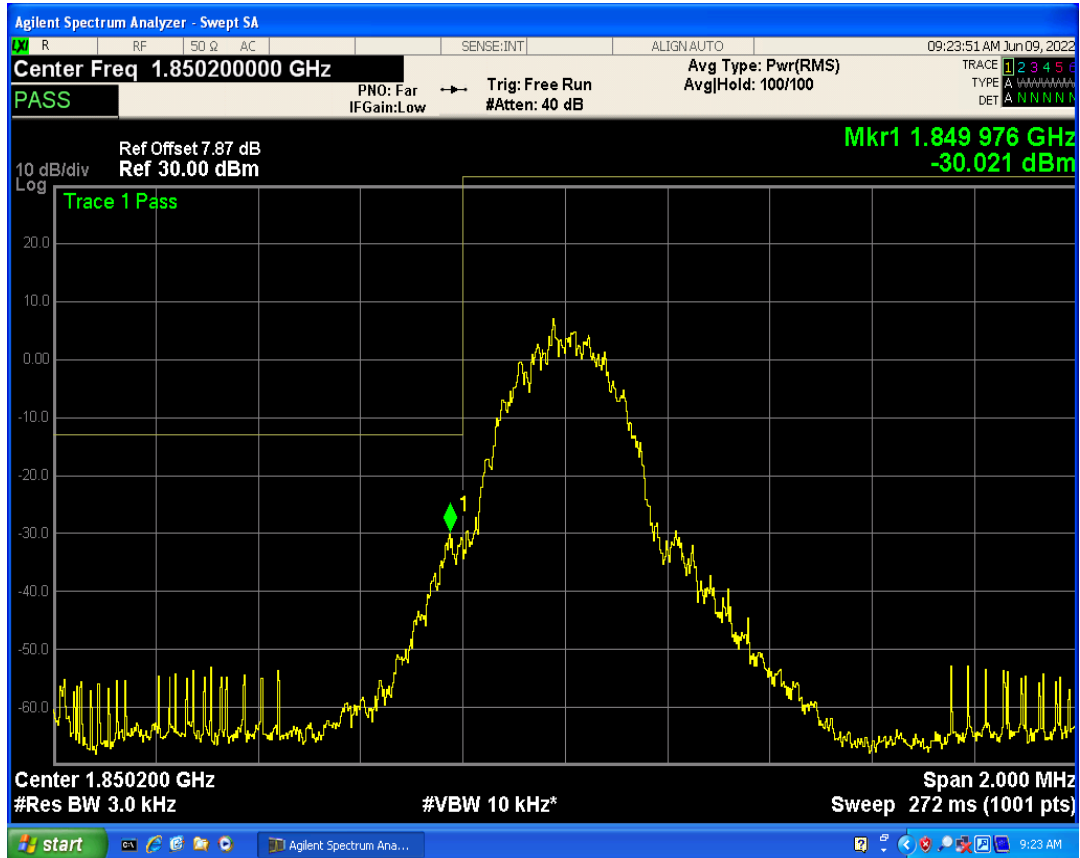
GPRS850 Channel=189



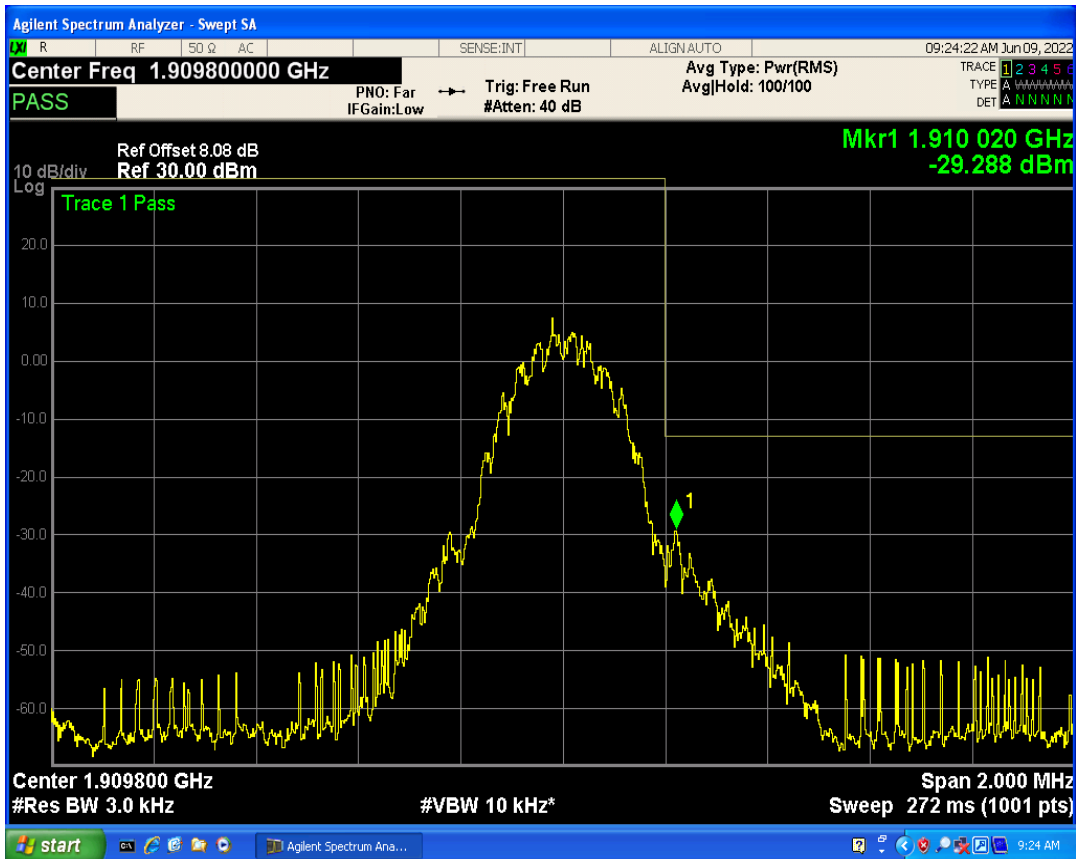
11 Band edge

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
GPRS1900	512	1850.2	1849.98	-30.02	-13	PASS
GPRS1900	810	1909.8	1910.02	-29.28	-13	PASS
GPRS850	128	824.2	823.98	-24.78	-13	PASS
GPRS850	251	848.8	849.03	-27.29	-13	PASS

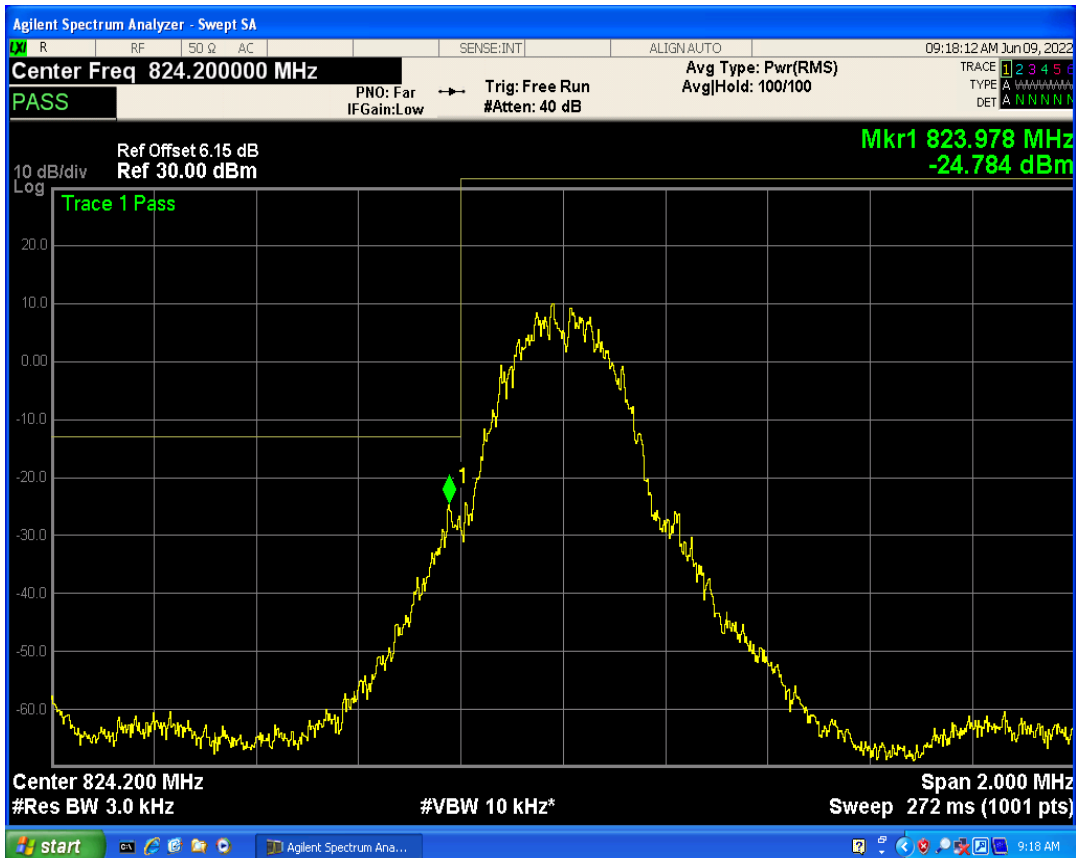
GPRS1900 Channel=512



GPRS1900 Channel=810



GPRS850 Channel=128



GPRS850 Channel=251



01 Conducted output power

Band	Channel	Frequency (MHz)	Power (dBm)	Verdict
GSM1900	512	1850.2	28.62	PASS
GSM1900	661	1880	28.44	PASS
GSM1900	810	1909.8	28.00	PASS
GSM850	128	824.2	32.65	PASS
GSM850	189	836.4	32.56	PASS
GSM850	251	848.8	32.33	PASS

03 Peak-to-Average Ratio

Band	Channel	Frequency (MHz)	Result (dB)	high Limit (dB)	Verdict
GSM1900	512	1850.2	2.70	13	PASS
GSM1900	661	1880	2.67	13	PASS
GSM1900	810	1909.8	2.65	13	PASS
GSM850	128	824.2	2.64	13	PASS
GSM850	189	836.4	2.64	13	PASS
GSM850	251	848.8	2.63	13	PASS

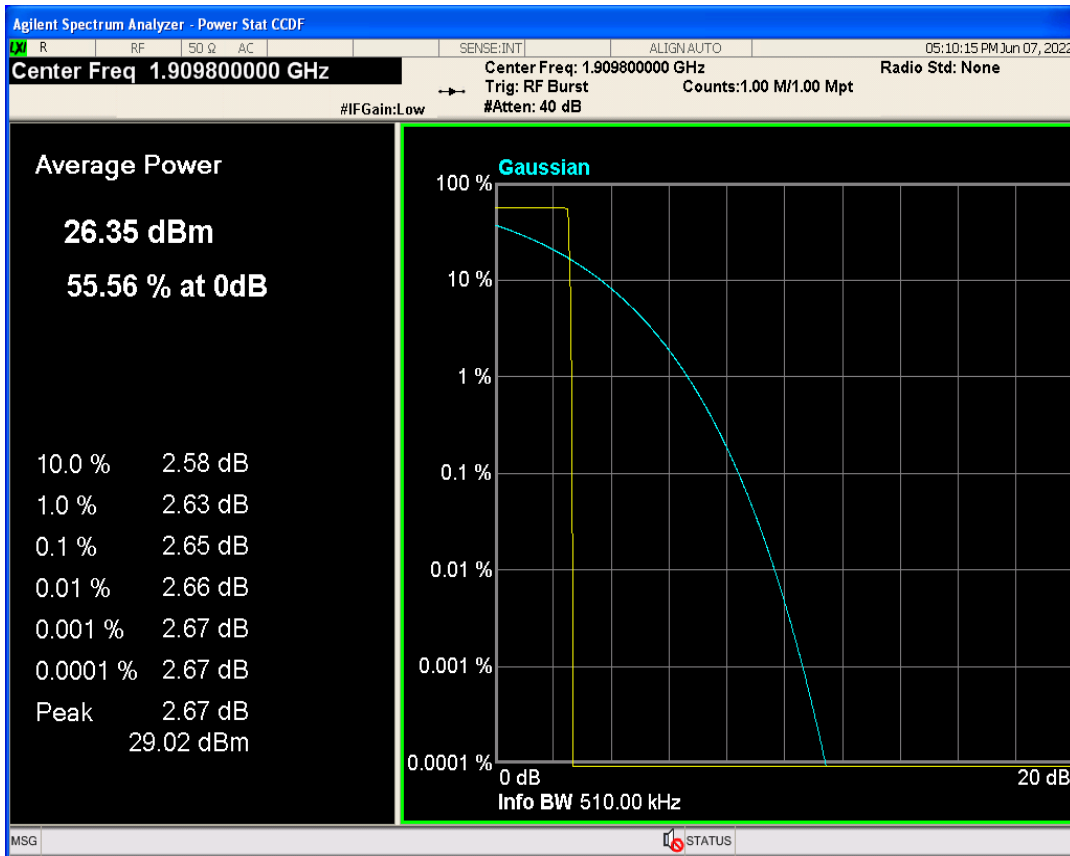
GSM1900 Channel=512



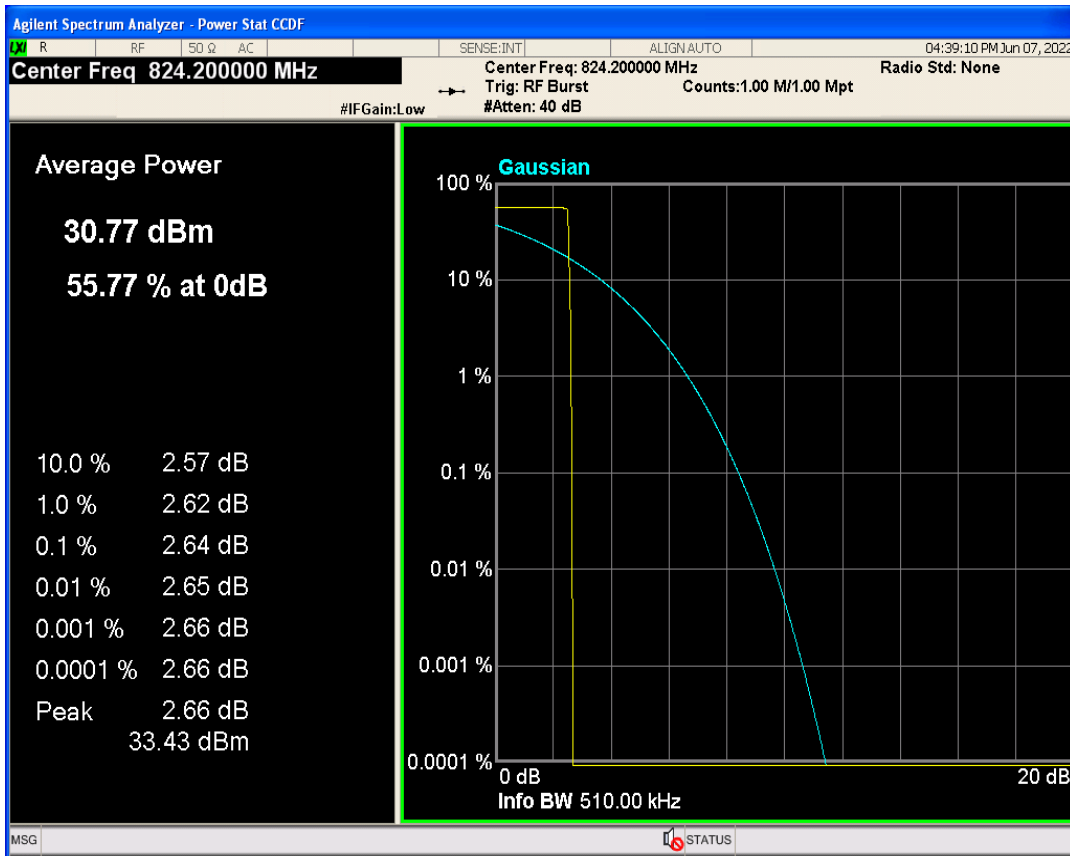
GSM1900 Channel=661



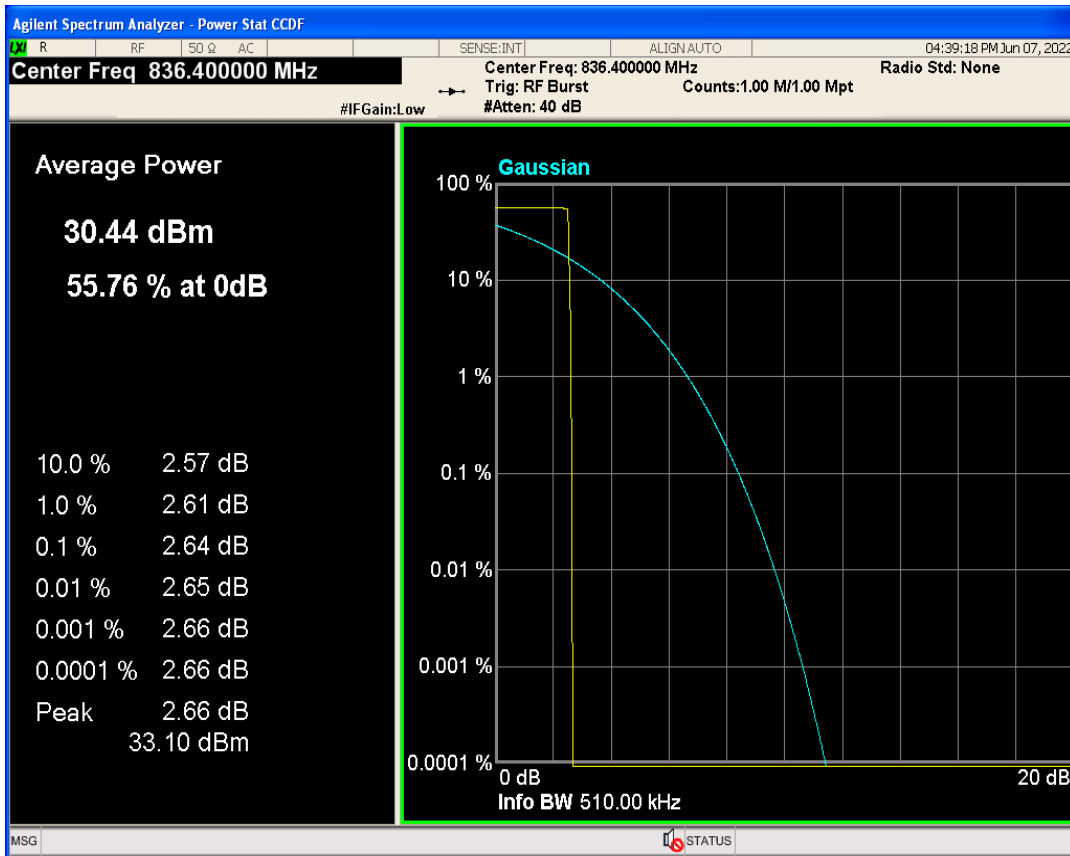
GSM1900 Channel=810



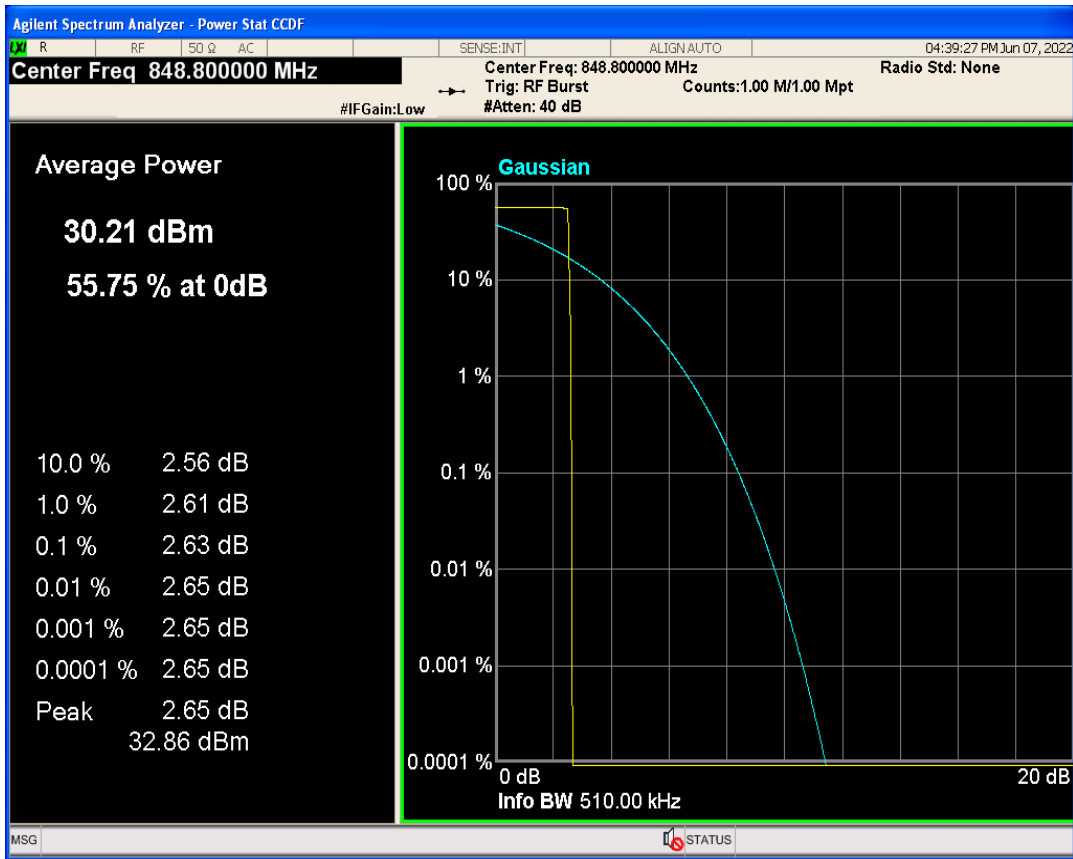
GSM850 Channel=128



GSM850 Channel=189



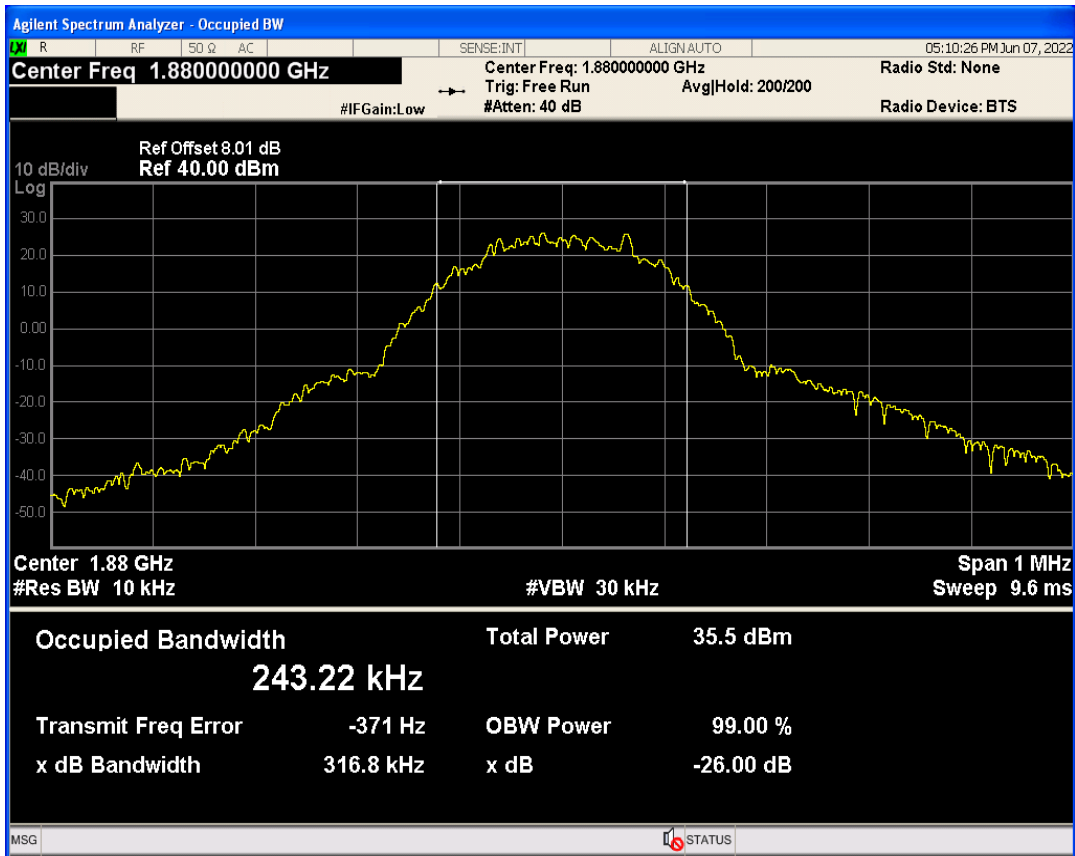
GSM850 Channel=251



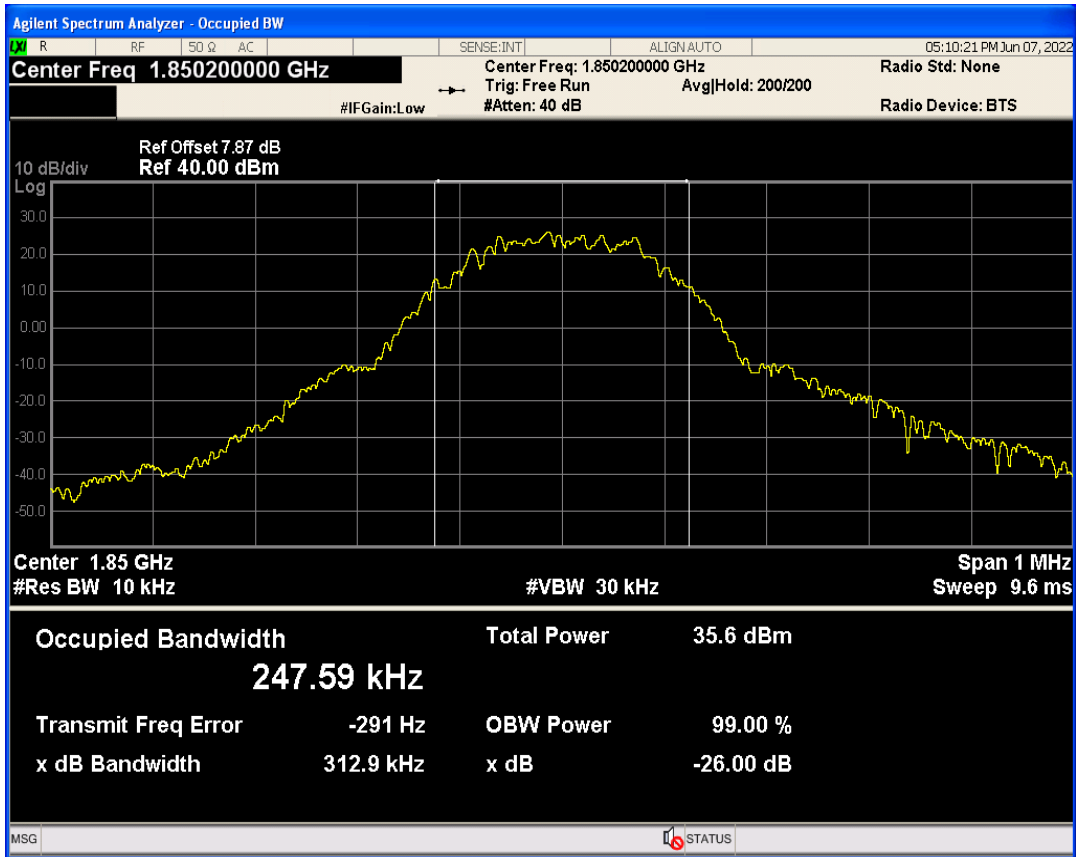
04 Occupied bandwidth

Band	Channel	Frequency (MHz)	99% OBW (kHz)	-26dB EBW (kHz)	Verdict
GSM1900	512	1850.2	247.587	312.873	PASS
GSM1900	661	1880	243.220	316.849	PASS
GSM1900	810	1909.8	247.515	321.240	PASS
GSM850	128	824.2	249.582	313.521	PASS
GSM850	189	836.4	246.074	317.546	PASS
GSM850	251	848.8	245.833	316.032	PASS

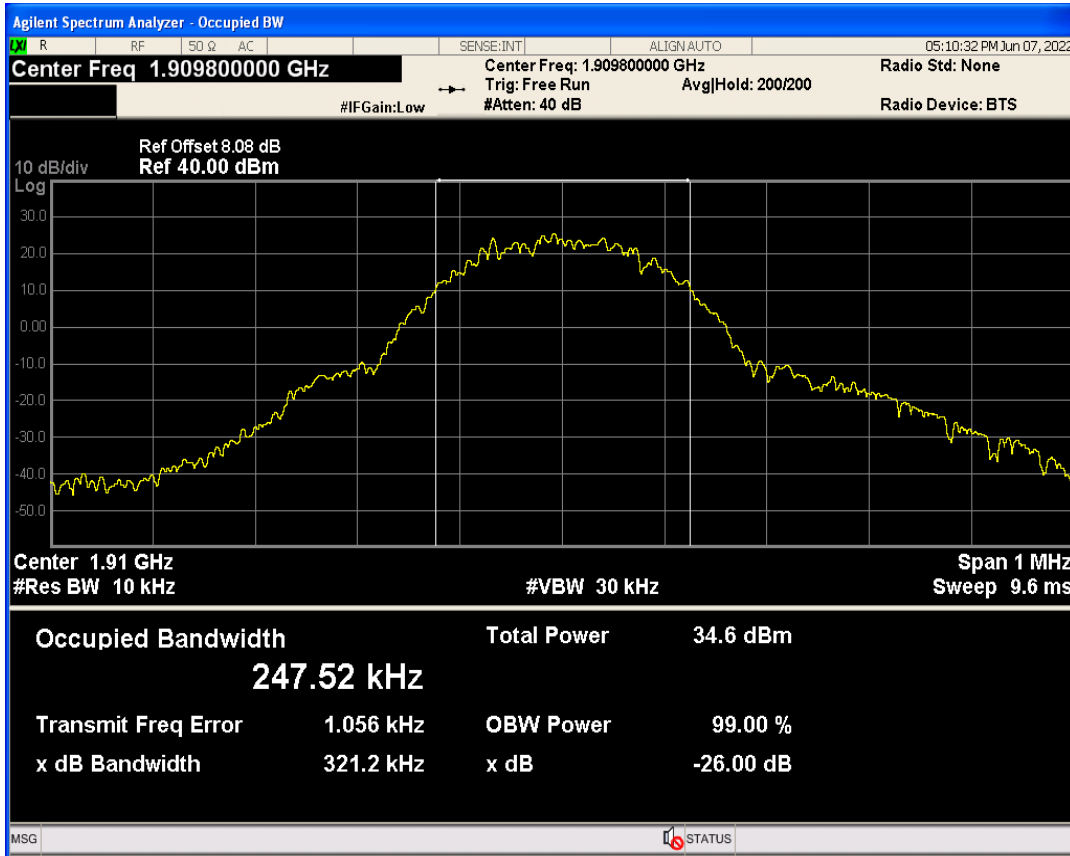
GSM1900 Channel=661



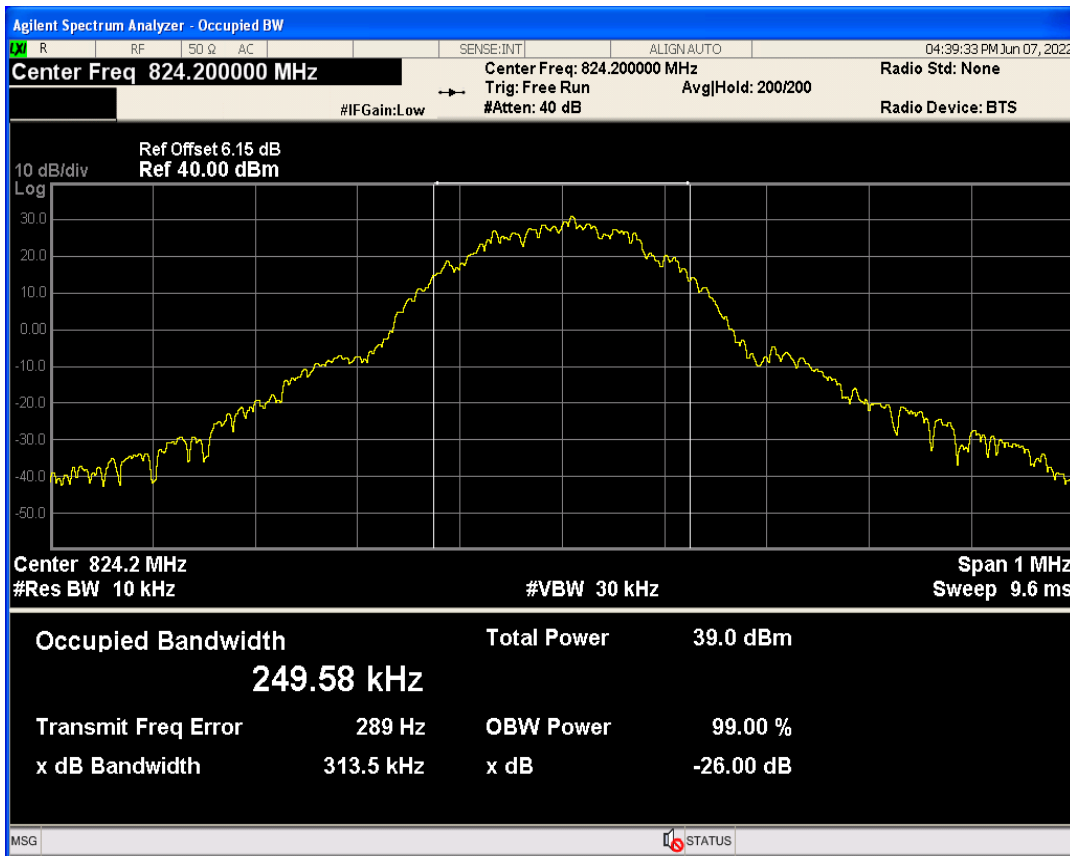
GSM1900 Channel=512



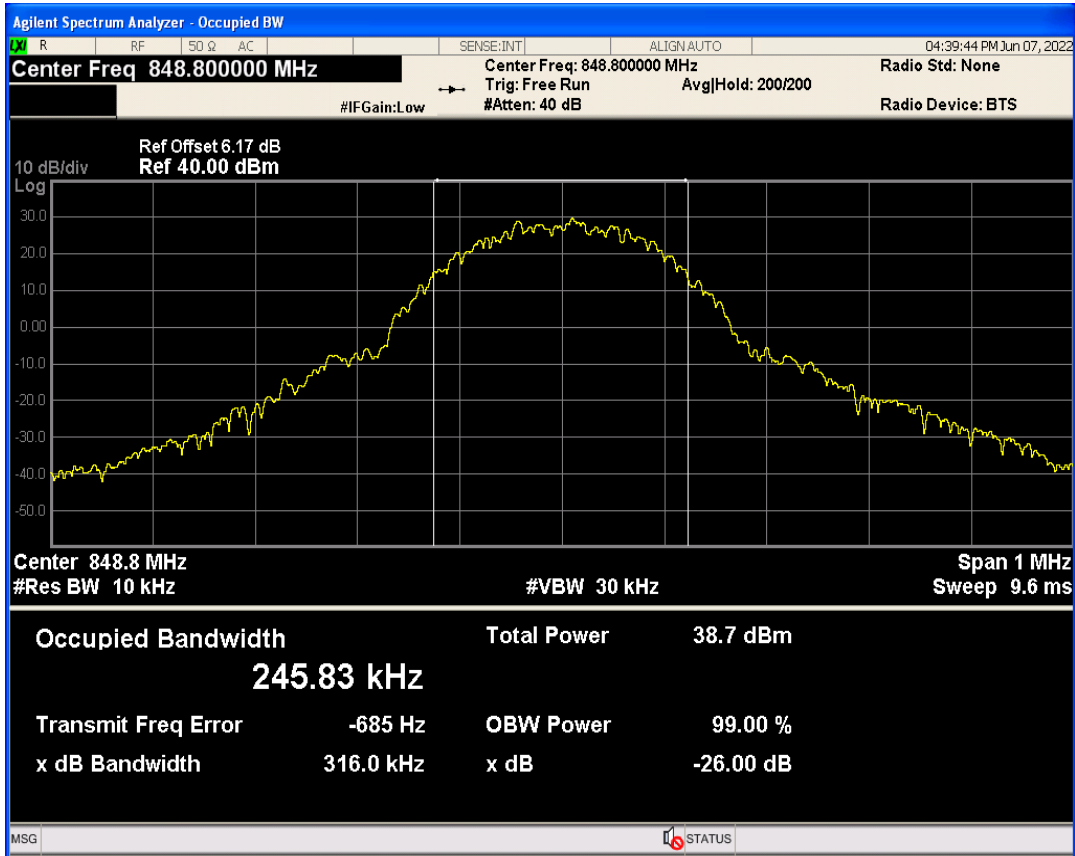
GSM1900 Channel=810



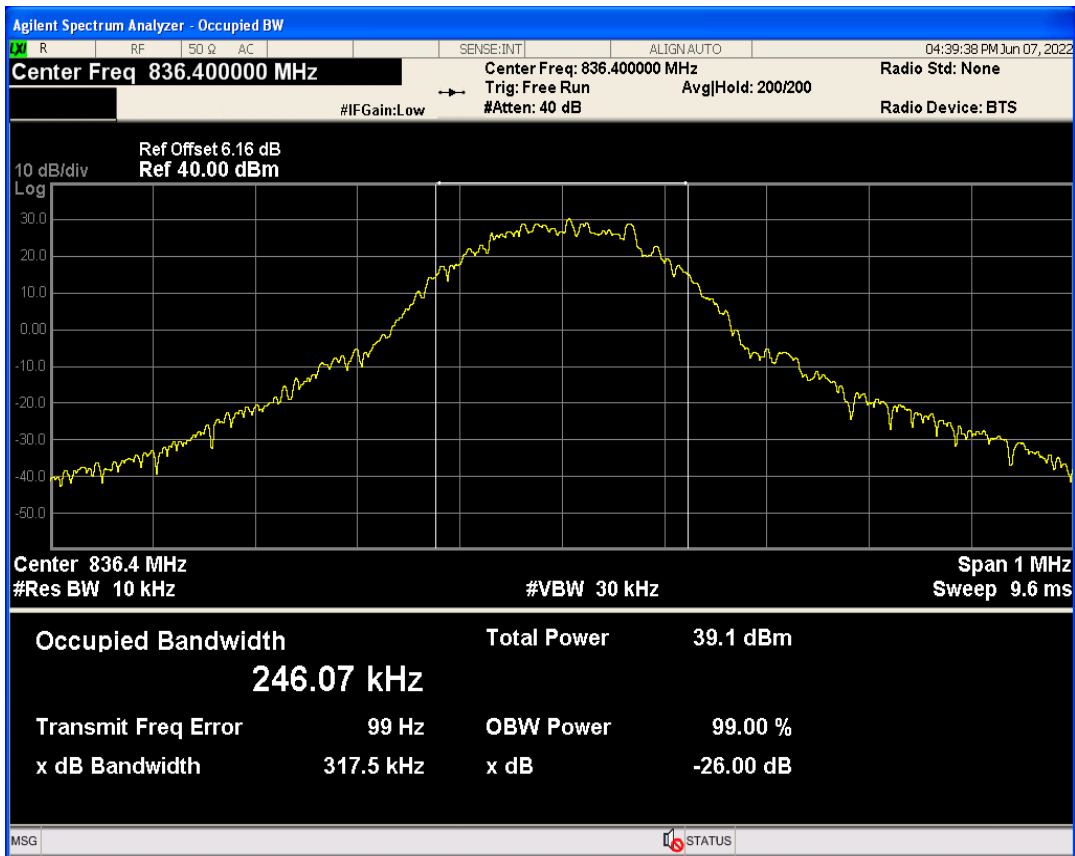
GSM850 Channel=128



GSM850 Channel=251



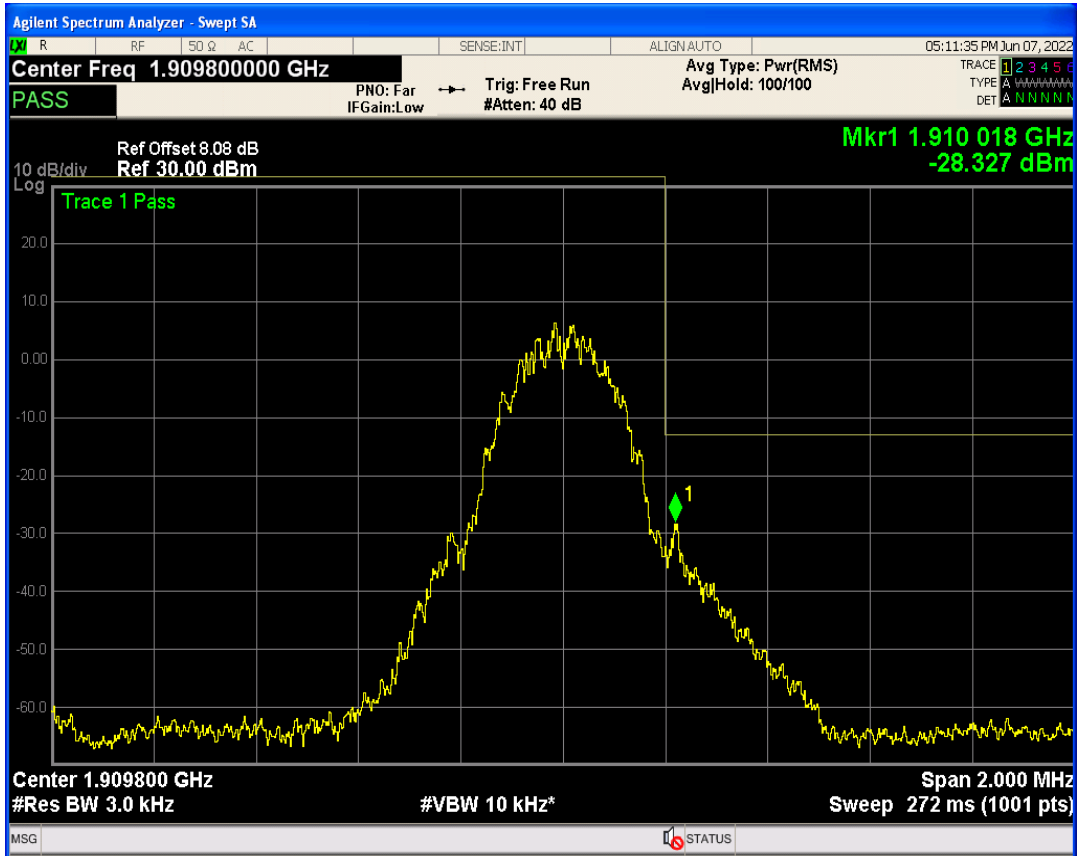
GSM850 Channel=189



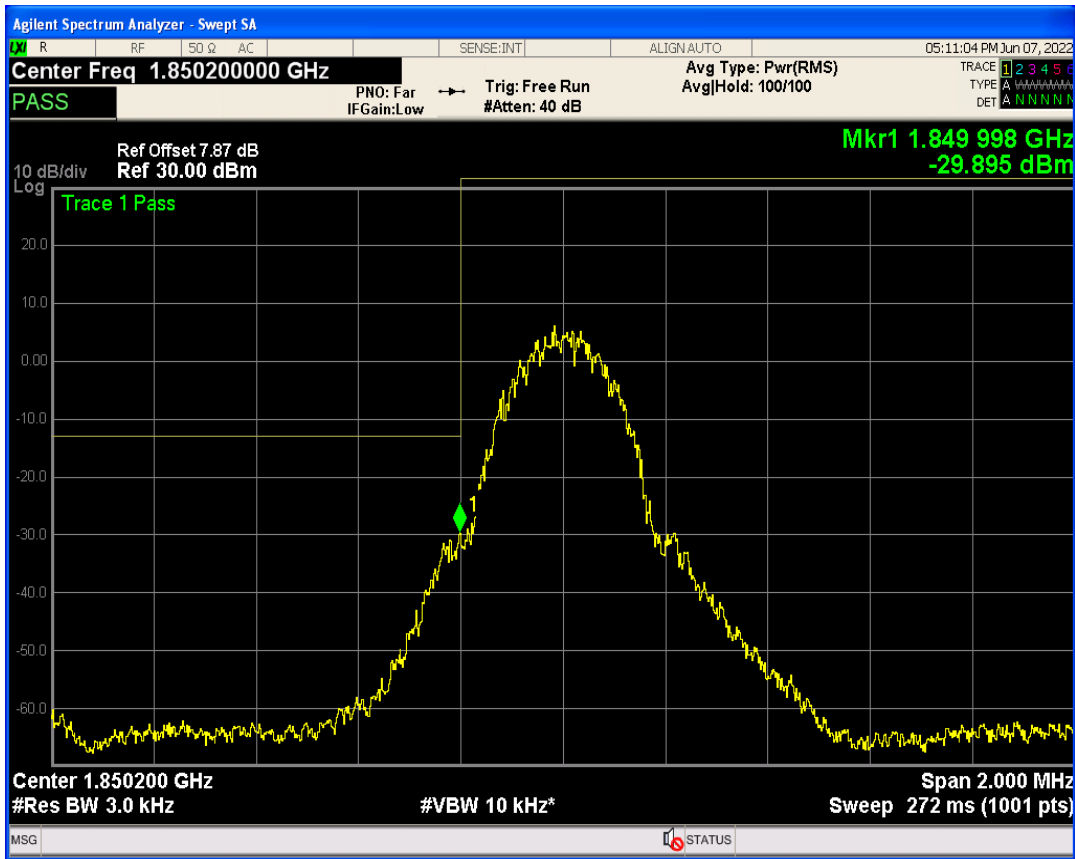
05 Band edge

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
GSM1900	512	1850.2	1850.00	-29.89	-13	PASS
GSM1900	810	1909.8	1910.02	-28.32	-13	PASS
GSM850	128	824.2	823.98	-25.51	-13	PASS
GSM850	251	848.8	849.00	-25.12	-13	PASS

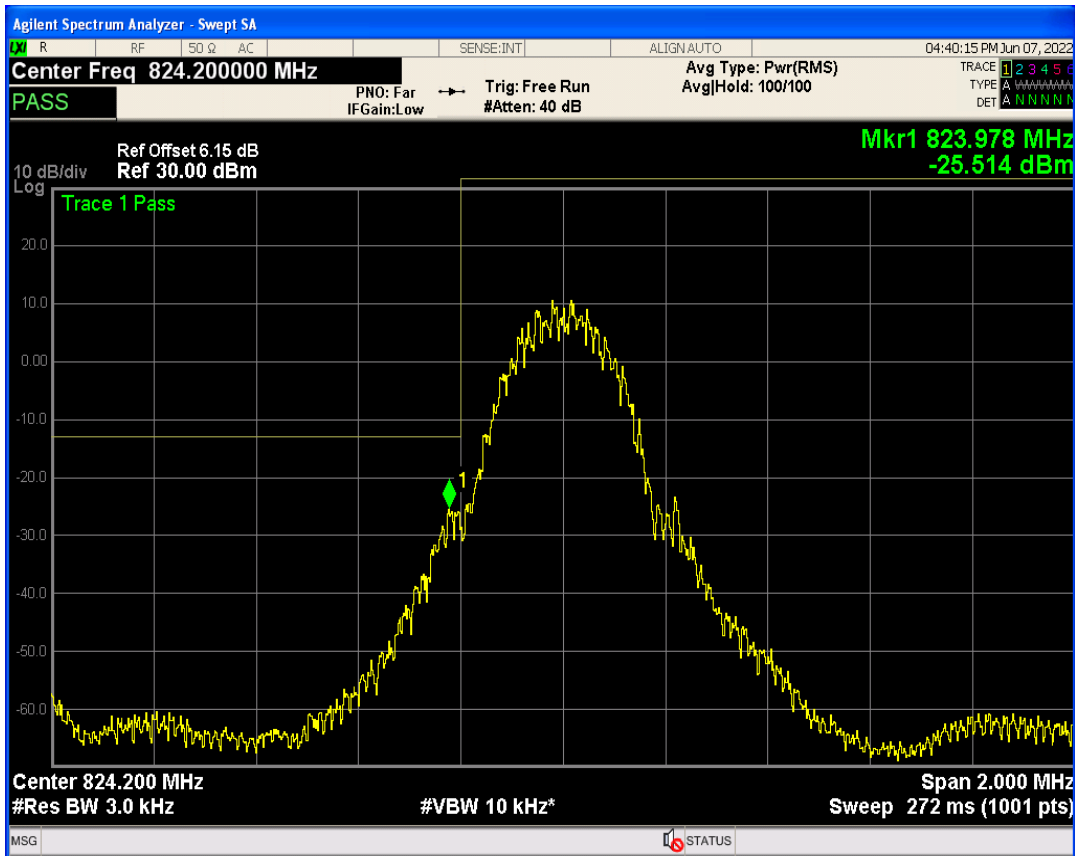
GSM1900 Channel=810



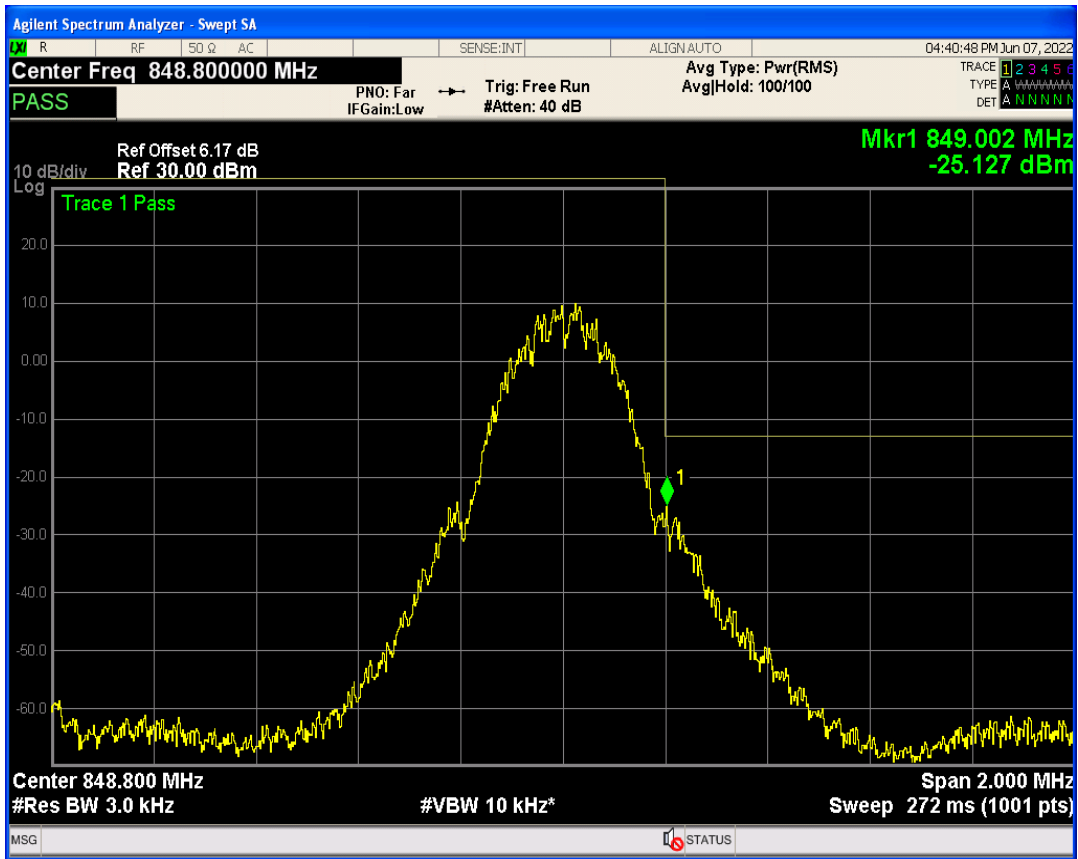
GSM1900 Channel=512



GSM850 Channel=128



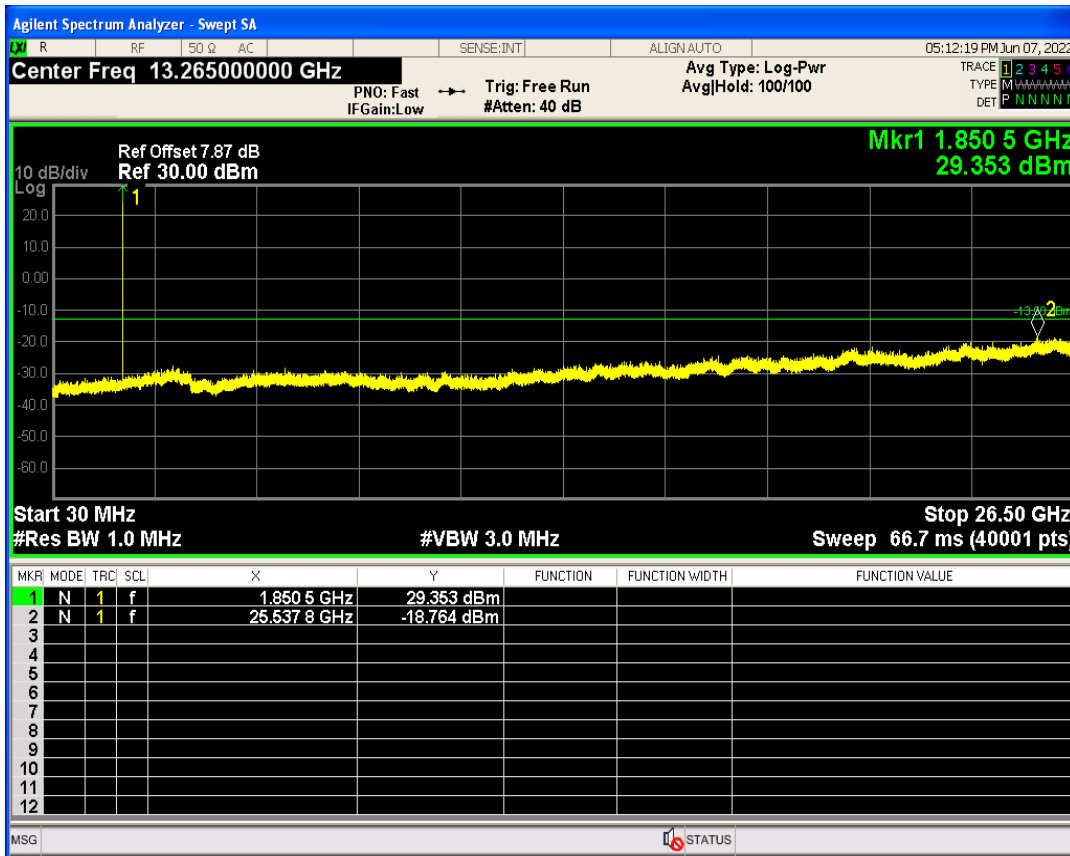
GSM850 Channel=251



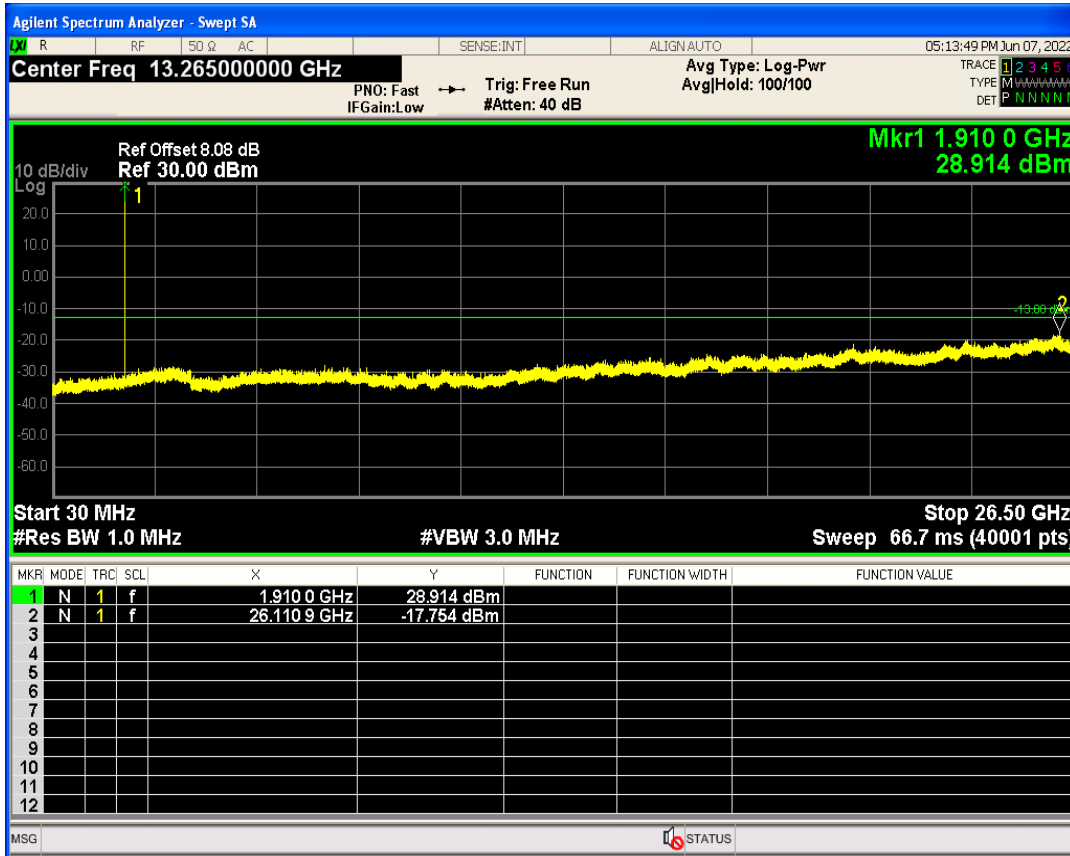
06 Out-of-band emissions

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
GSM1900	512	1850.2	25537.82	-18.76	-13	PASS
GSM1900	661	1880	26026.85	-18.11	-13	PASS
GSM1900	810	1909.8	26110.89	-17.75	-13	PASS
GSM850	128	824.2	25538.48	-19.57	-13	PASS
GSM850	189	836.4	26061.92	-20.21	-13	PASS
GSM850	251	848.8	26397.43	-20.41	-13	PASS

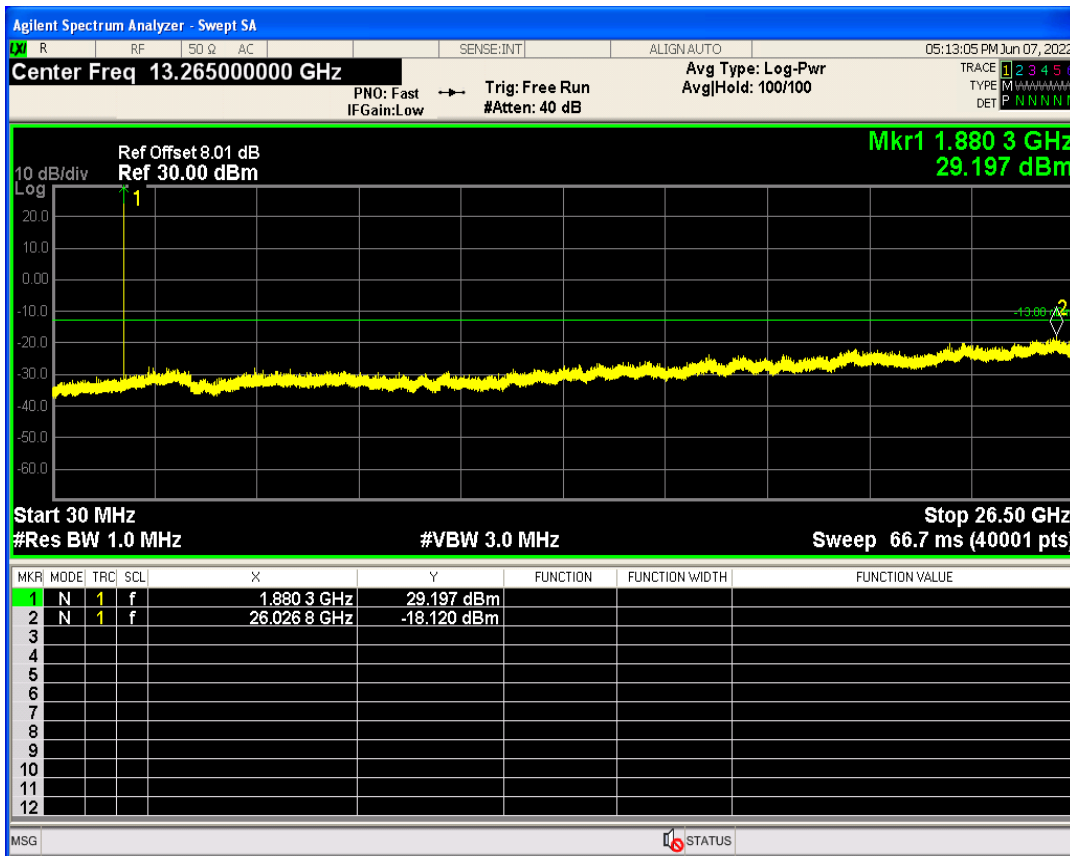
GSM1900 Channel=512



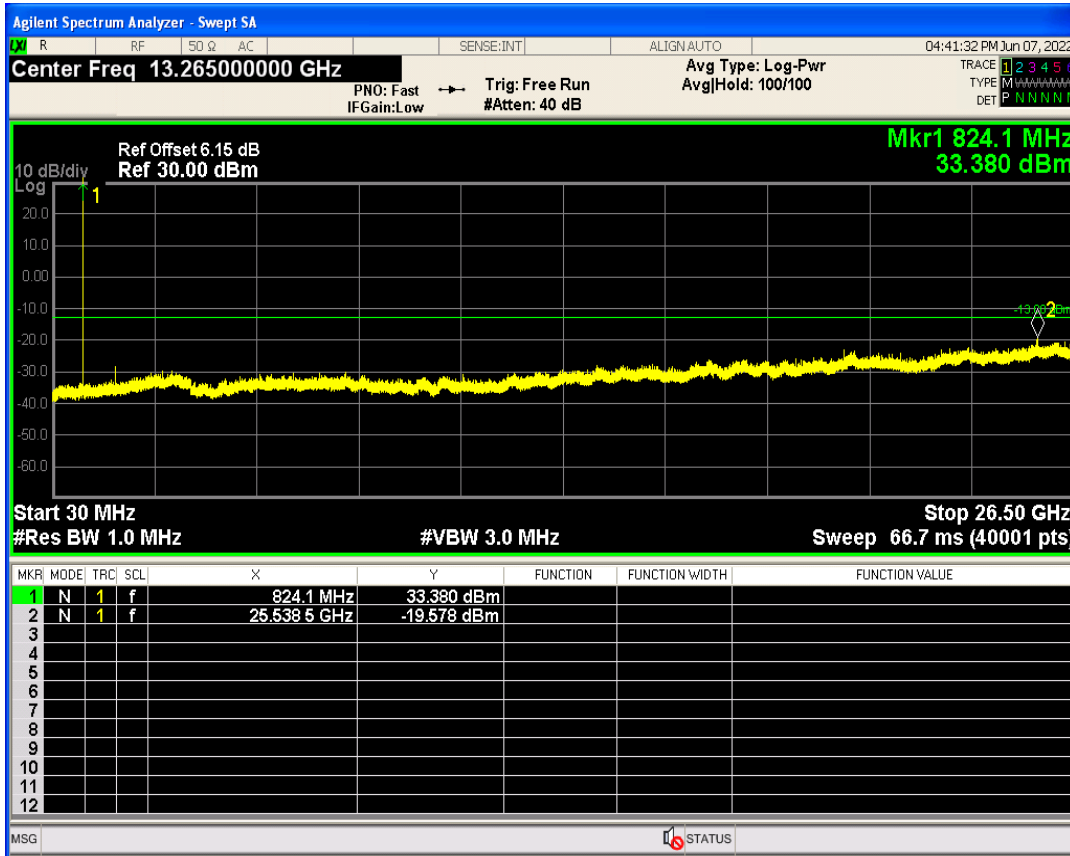
GSM1900 Channel=810



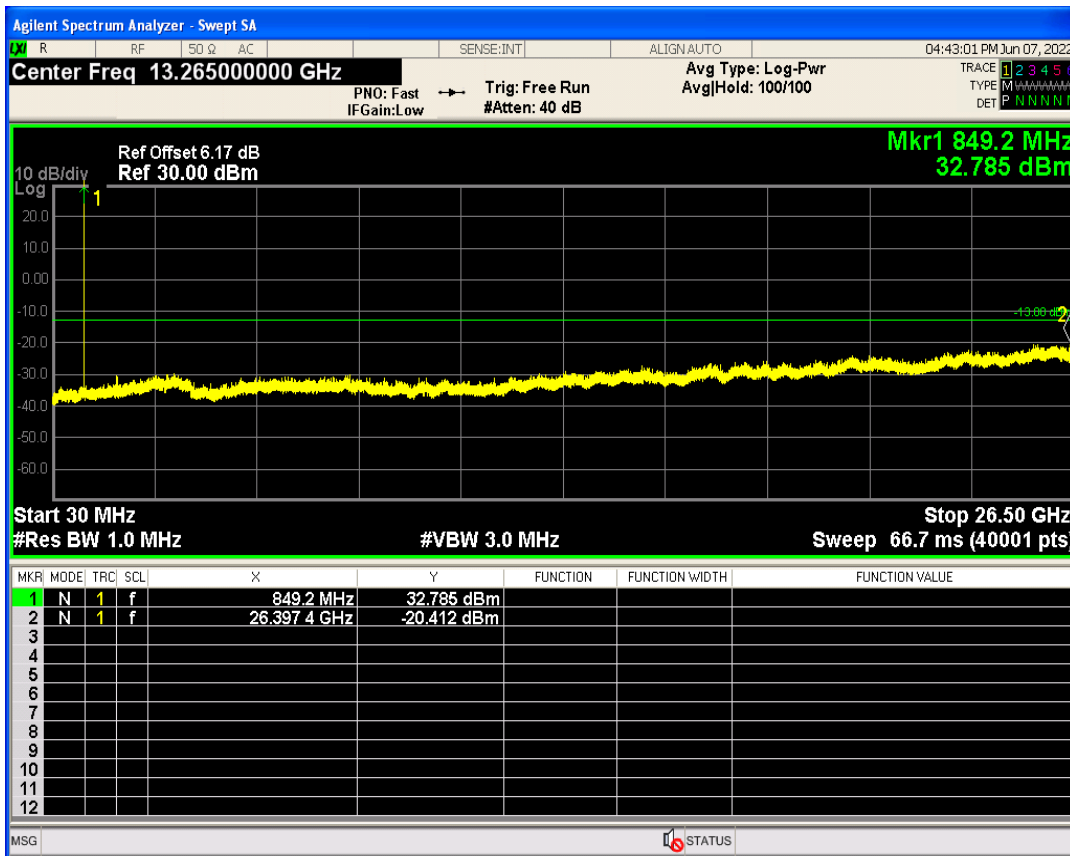
GSM1900 Channel=661



GSM850 Channel=128



GSM850 Channel=251



GSM850 Channel=189

3G

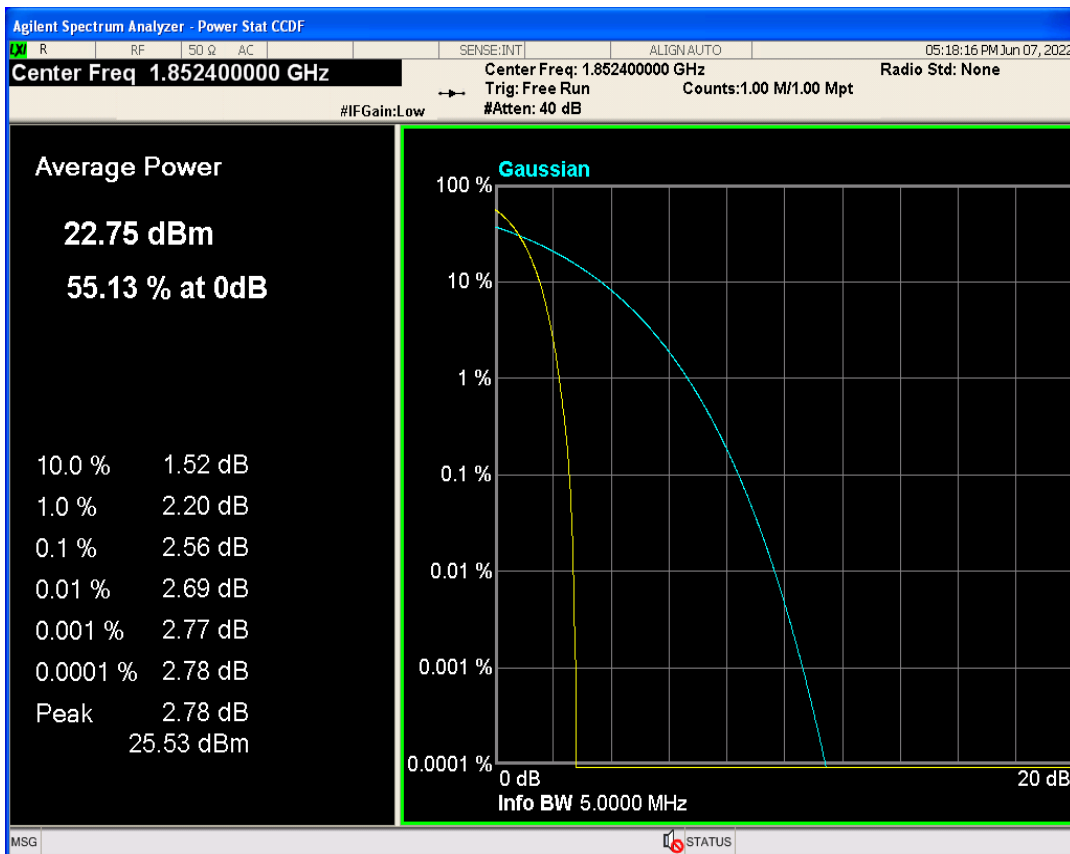
01 Conducted output power

Band	Channel	Frequency (MHz)	Power (dBm)	Verdict
WCDMA Band2	9262	1852.4	22.03	PASS
WCDMA Band2	9400	1880	21.53	PASS
WCDMA Band2	9538	1907.6	21.40	PASS
WCDMA Band5	4132	826.4	22.21	PASS
WCDMA Band5	4182	836.4	21.99	PASS
WCDMA Band5	4233	846.6	22.15	PASS

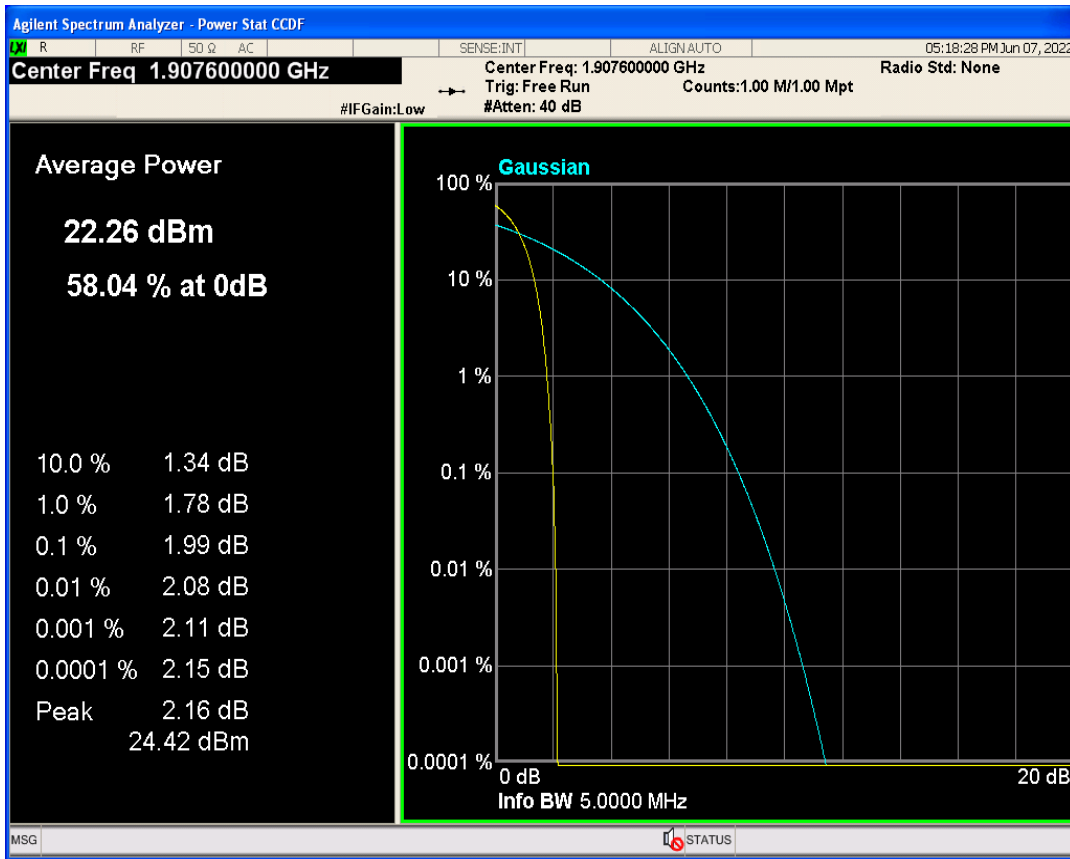
03 Peak-to-Average Ratio

Band	Channel	Frequency (MHz)	Result (dB)	high Limit (dB)	Verdict
WCDMA Band2	9262	1852.4	2.56	13	PASS
WCDMA Band2	9400	1880	2.44	13	PASS
WCDMA Band2	9538	1907.6	1.99	13	PASS
WCDMA Band5	4132	826.4	3.17	13	PASS
WCDMA Band5	4182	836.4	2.81	13	PASS
WCDMA Band5	4233	846.6	3.06	13	PASS

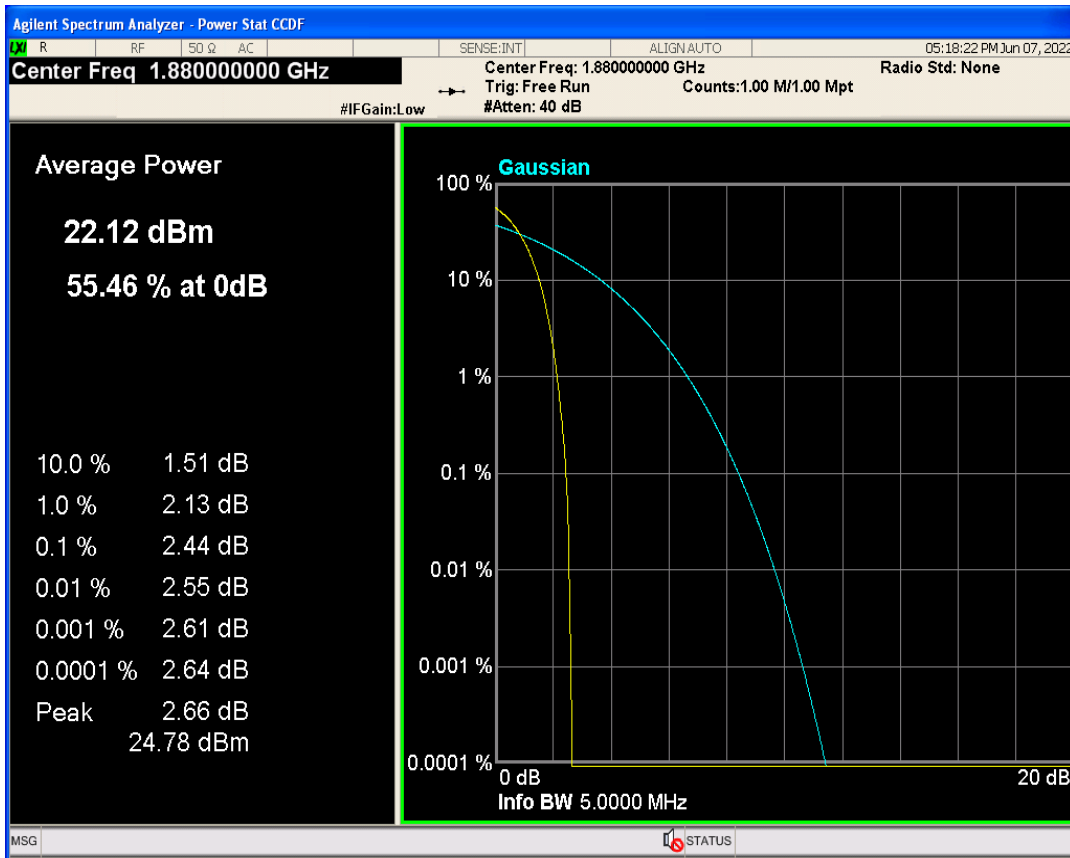
WCDMA Band2 Channel=9262



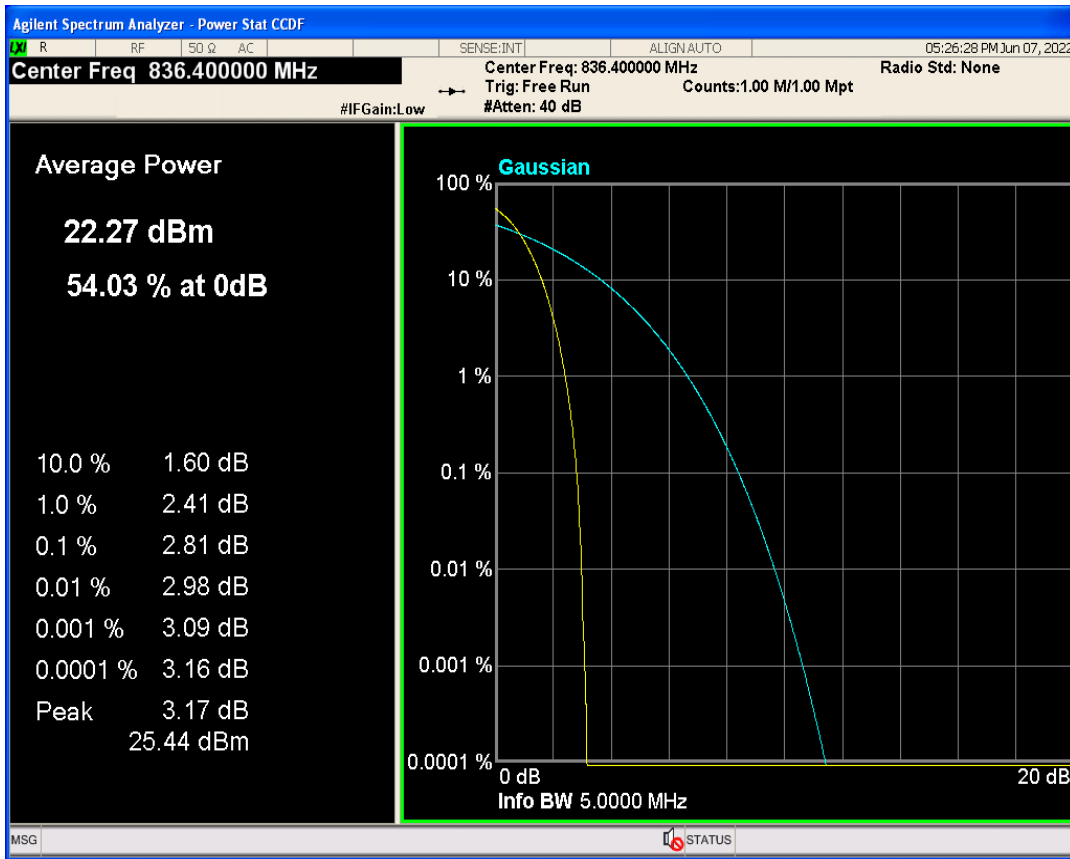
WCDMA Band2 Channel=9538



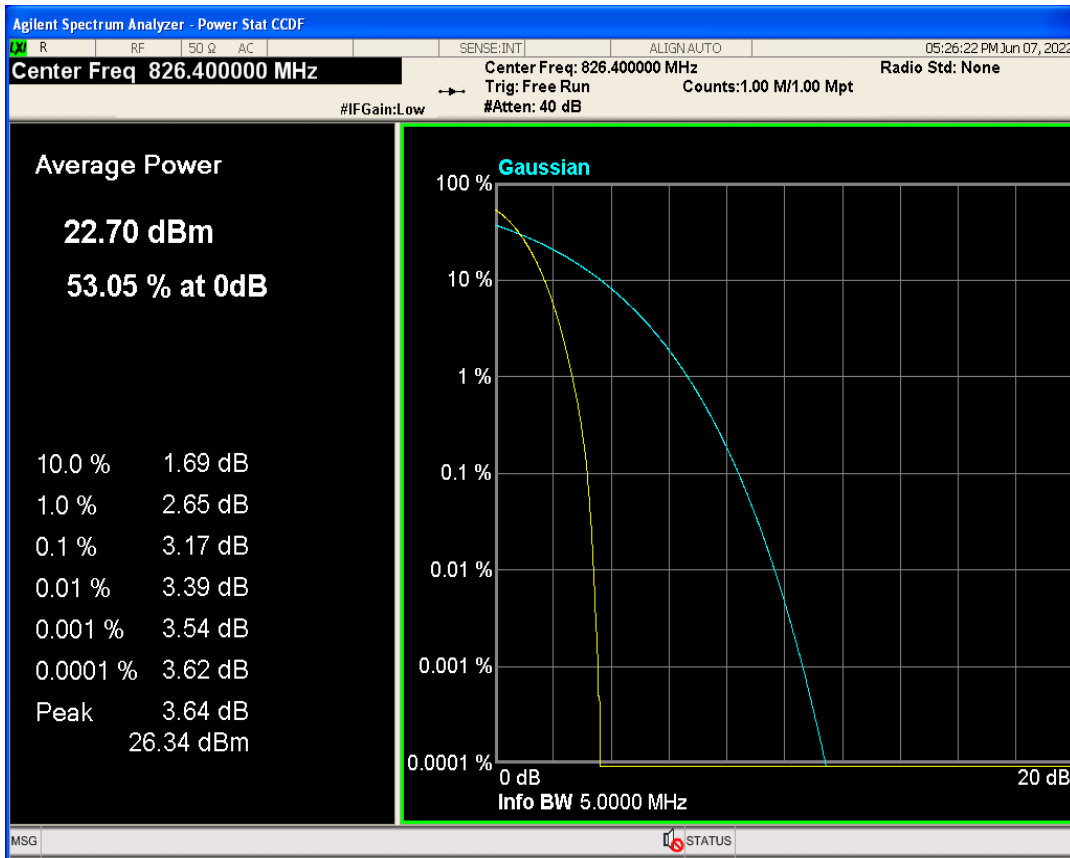
WCDMA Band2 Channel=9400



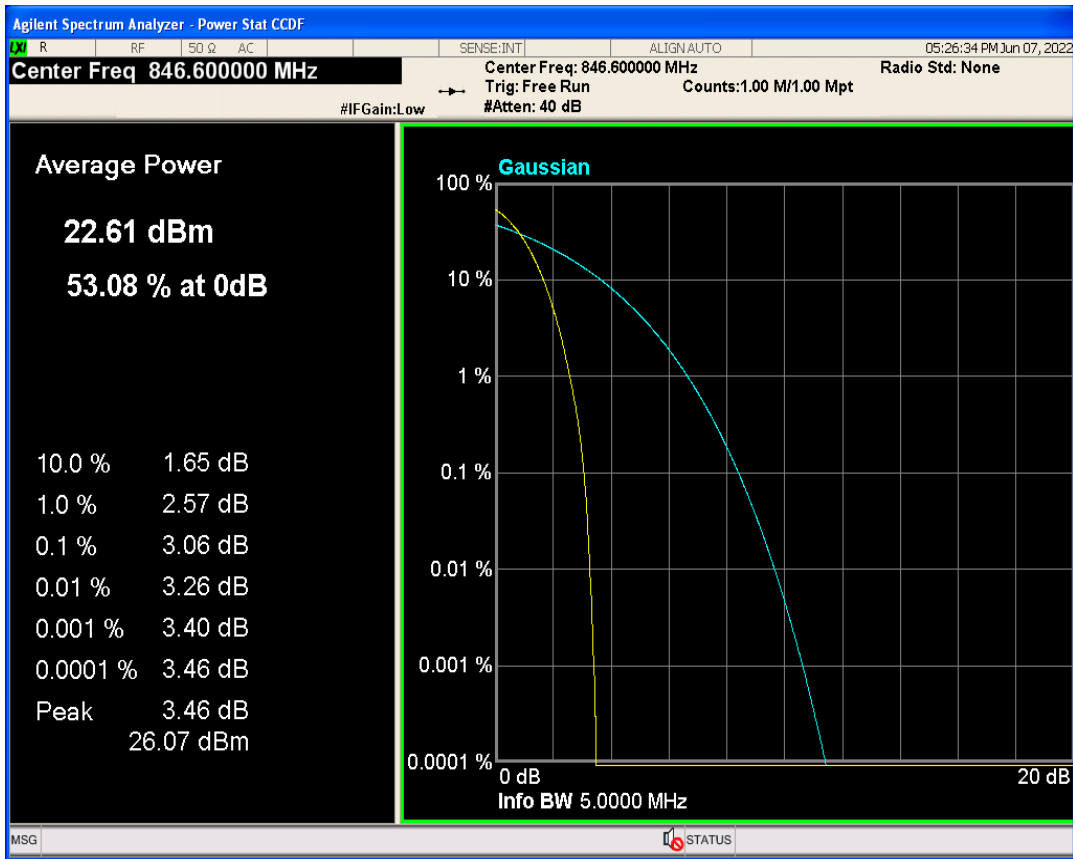
WCDMA Band5 Channel=4182



WCDMA Band5 Channel=4132



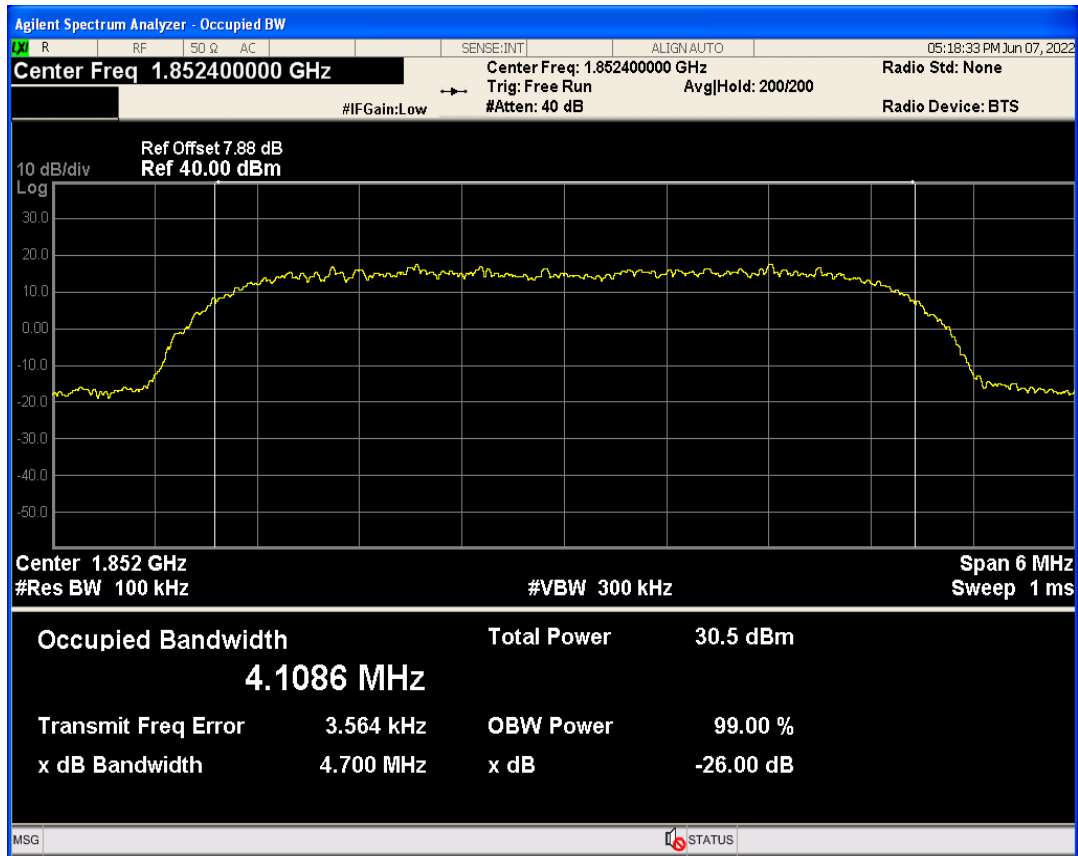
WCDMA Band5 Channel=4233



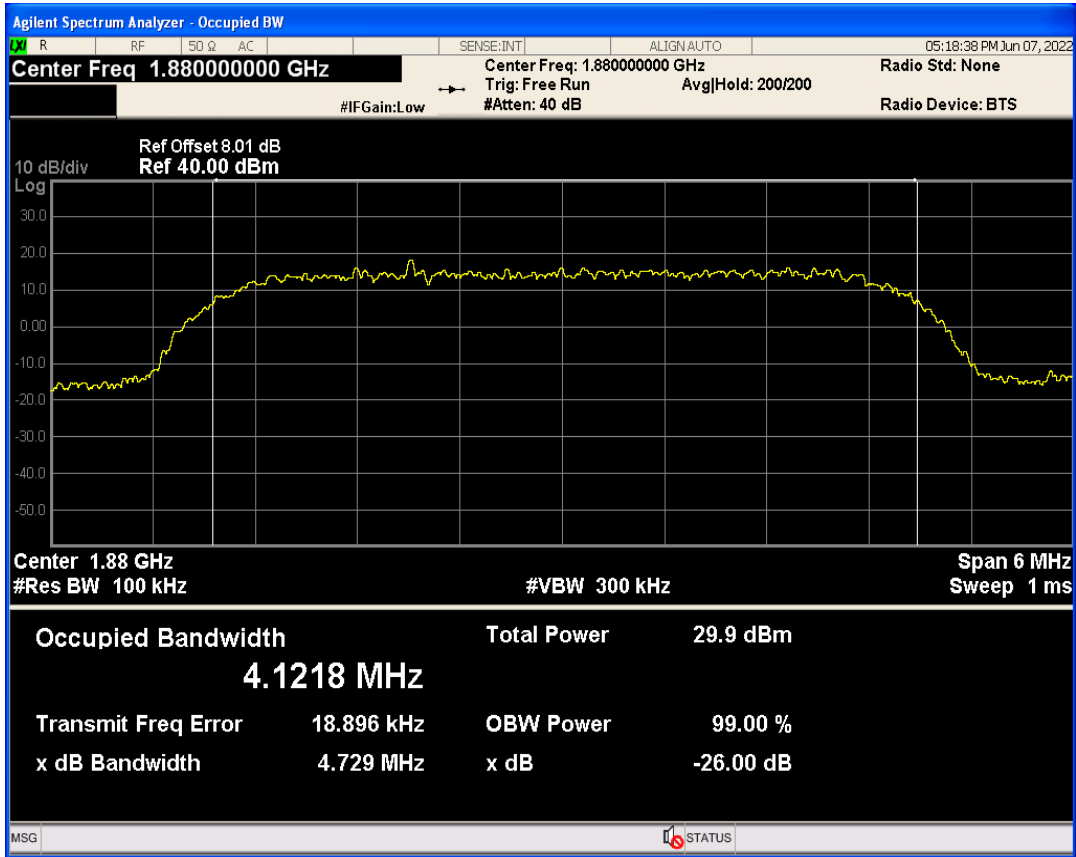
04 Occupied bandwidth

Band	Channel	Frequency (MHz)	99% OBW (kHz)	-26dB EBW (kHz)	Verdict
WCDMA Band2	9262	1852.4	4108.596	4700.222	PASS
WCDMA Band2	9400	1880	4121.838	4728.679	PASS
WCDMA Band2	9538	1907.6	4138.098	4775.532	PASS
WCDMA Band5	4132	826.4	4104.813	4631.714	PASS
WCDMA Band5	4182	836.4	4090.349	4688.098	PASS
WCDMA Band5	4233	846.6	4132.275	4676.095	PASS

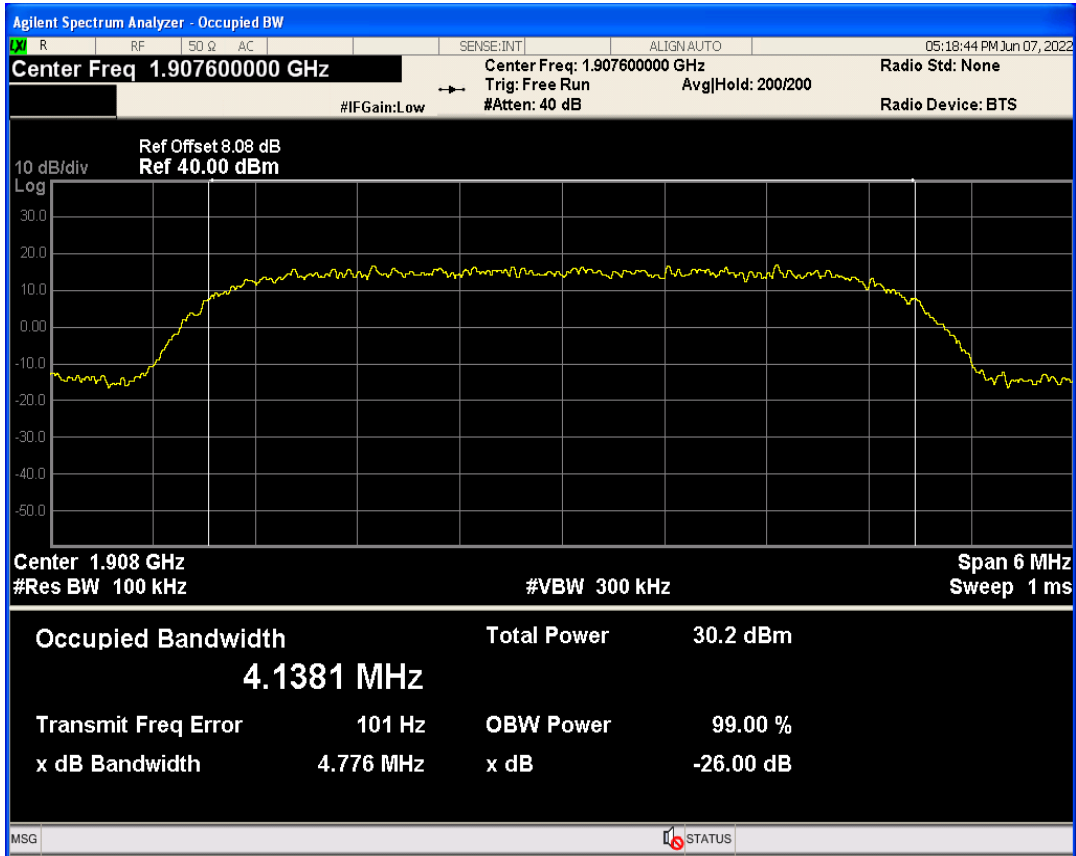
WCDMA Band2 Channel=9262



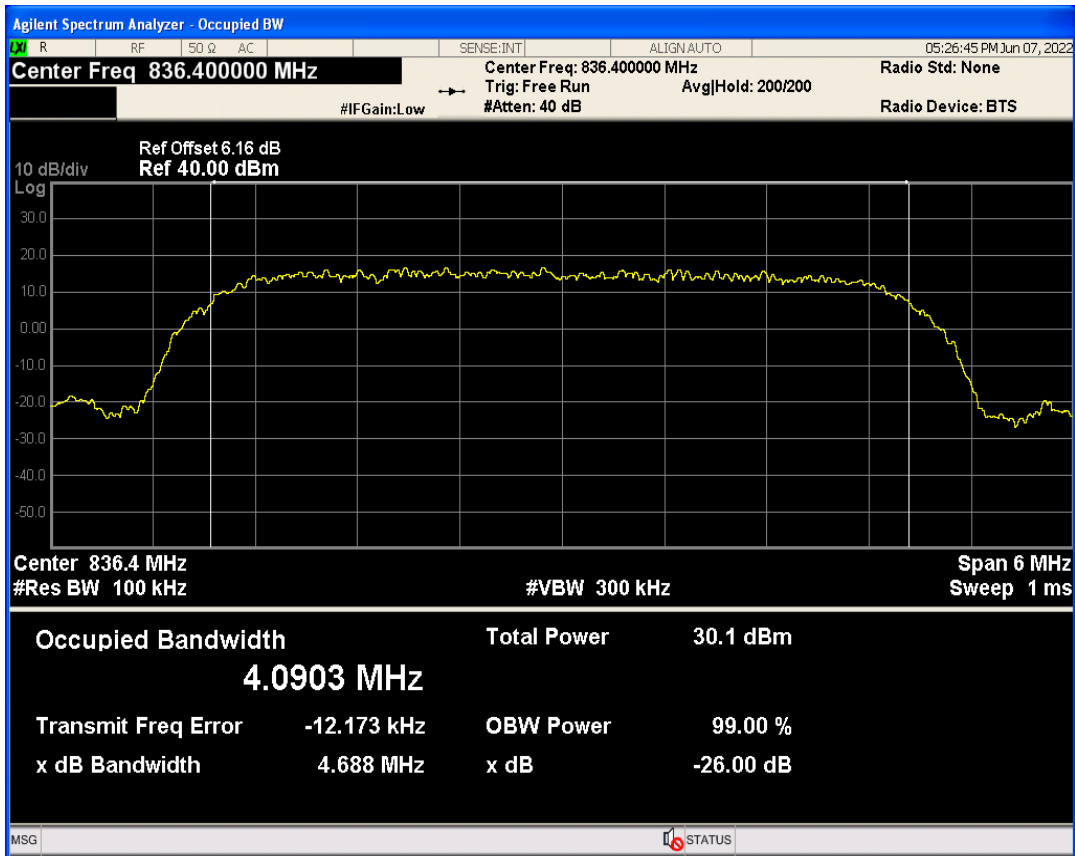
WCDMA Band2 Channel=9400



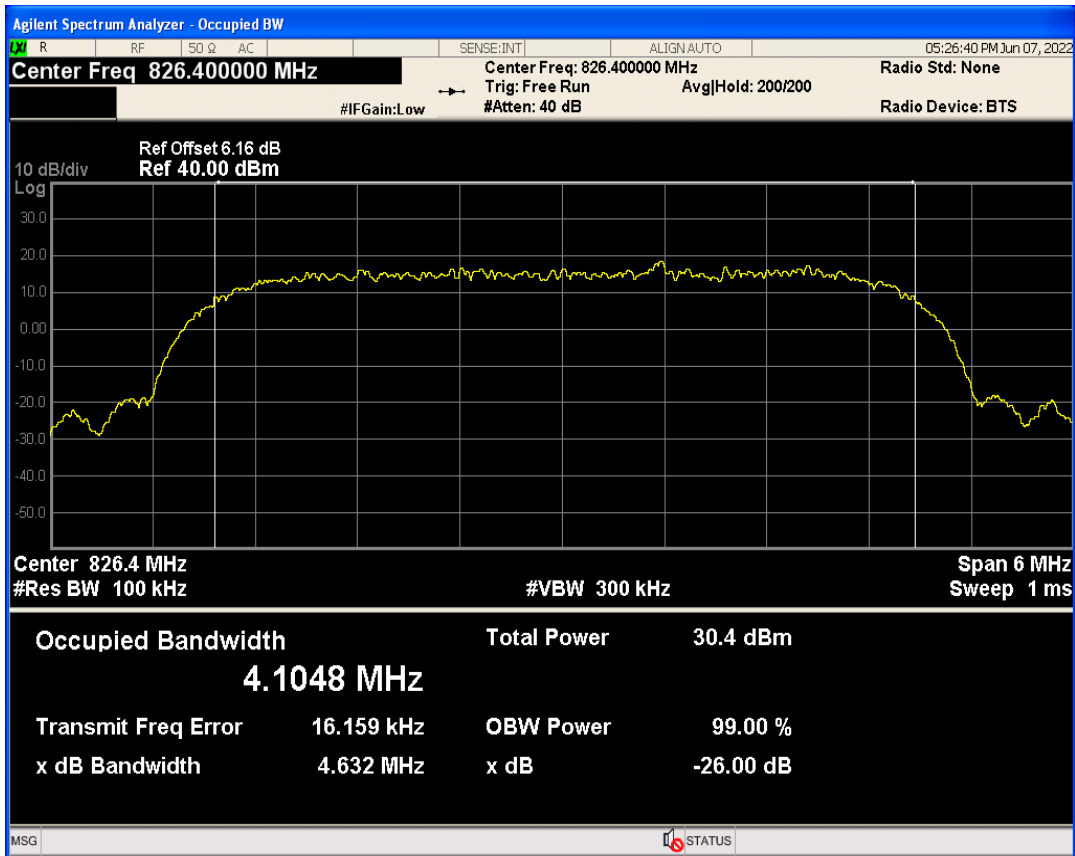
WCDMA Band2 Channel=9538



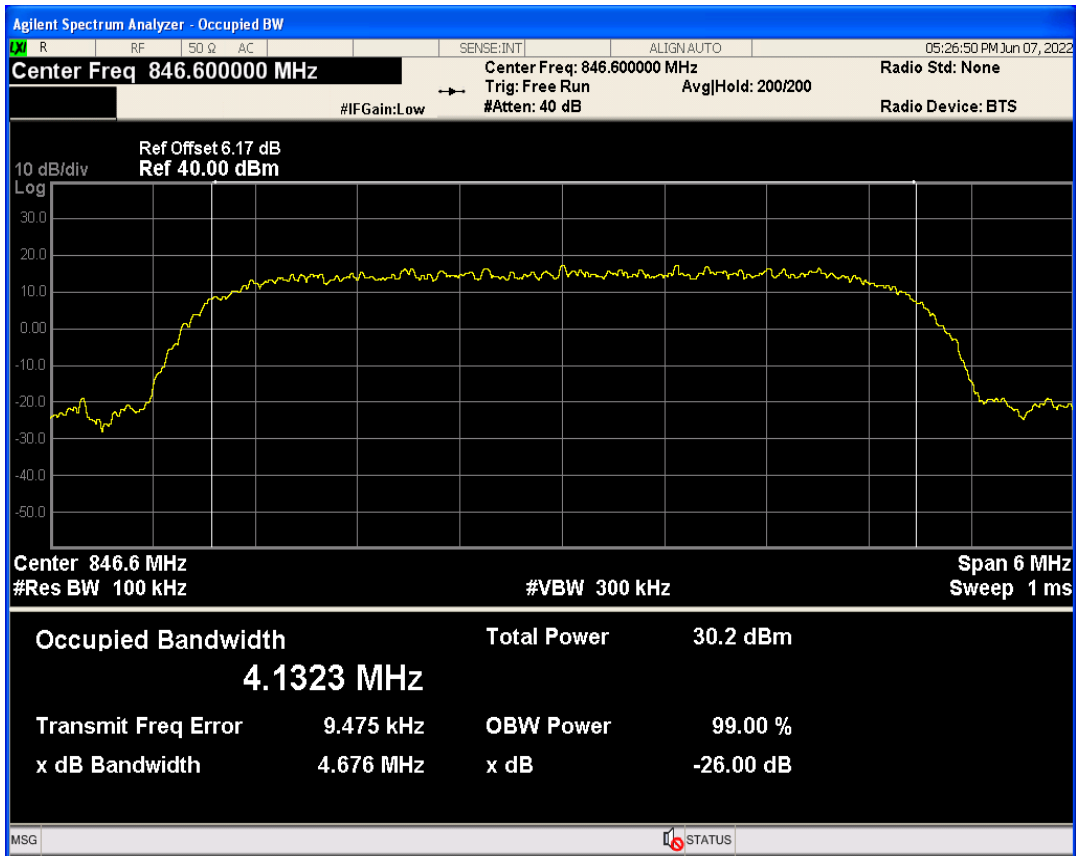
WCDMA Band5 Channel=4182



WCDMA Band5 Channel=4132



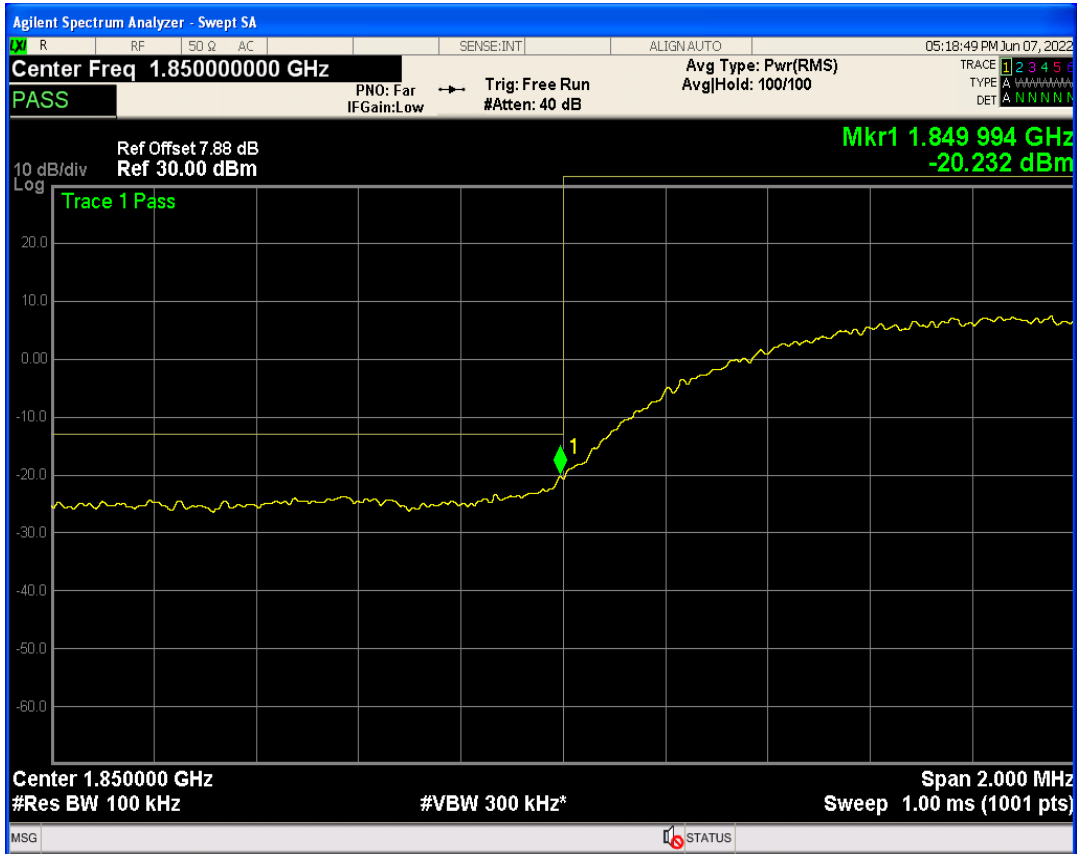
WCDMA Band5 Channel=4233



05 Band edge

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
WCDMA Band2	9262	1852.4	1849.99	-20.23	-13	PASS
WCDMA Band2	9538	1907.6	1910.01	-17.88	-13	PASS
WCDMA Band5	4233	846.6	849.01	-23.27	-13	PASS

WCDMA Band2 Channel=9262



WCDMA Band2 Channel=9538



WCDMA Band5 Channel=4233



07 Conducted output power

Band	Channel	Frequency (MHz)	Power (dBm)	Verdict
HSDPA Band2 Subtest1	9262	1852.4	21.89	PASS
HSDPA Band2 Subtest2	9262	1852.4	21.29	PASS
HSDPA Band2 Subtest3	9262	1852.4	21.06	PASS
HSDPA Band2 Subtest4	9262	1852.4	20.60	PASS
HSDPA Band2 Subtest1	9400	1880	21.29	PASS
HSDPA Band2 Subtest2	9400	1880	20.87	PASS
HSDPA Band2 Subtest3	9400	1880	20.68	PASS
HSDPA Band2 Subtest4	9400	1880	20.42	PASS
HSDPA Band2 Subtest1	9538	1907.6	20.95	PASS
HSDPA Band2 Subtest2	9538	1907.6	20.64	PASS
HSDPA Band2 Subtest3	9538	1907.6	20.32	PASS
HSDPA Band2 Subtest4	9538	1907.6	19.83	PASS
HSDPA Band5 Subtest1	4132	826.4	21.08	PASS
HSDPA Band5 Subtest2	4132	826.4	20.58	PASS
HSDPA Band5 Subtest3	4132	826.4	20.16	PASS
HSDPA Band5 Subtest4	4132	826.4	19.85	PASS
HSDPA Band5 Subtest1	4182	836.4	21.19	PASS
HSDPA Band5 Subtest2	4182	836.4	20.95	PASS
HSDPA Band5 Subtest3	4182	836.4	20.55	PASS
HSDPA Band5 Subtest4	4182	836.4	20.40	PASS
HSDPA Band5 Subtest1	4233	846.6	20.71	PASS
HSDPA Band5 Subtest2	4233	846.6	20.38	PASS
HSDPA Band5 Subtest3	4233	846.6	20.05	PASS
HSDPA Band5 Subtest4	4233	846.6	19.83	PASS

13 Conducted output power

Band	Channel	Frequency (MHz)	Power (dBm)	Verdict
HSUPA Band2 Subtest1	9262	1852.4	21.26	PASS
HSUPA Band2 Subtest2	9262	1852.4	21.26	PASS
HSUPA Band2 Subtest3	9262	1852.4	21.05	PASS
HSUPA Band2 Subtest4	9262	1852.4	21.45	PASS
HSUPA Band2 Subtest5	9262	1852.4	20.95	PASS
HSUPA Band2 Subtest1	9400	1880	20.73	PASS
HSUPA Band2 Subtest2	9400	1880	20.86	PASS
HSUPA Band2 Subtest3	9400	1880	20.77	PASS
HSUPA Band2 Subtest4	9400	1880	20.83	PASS
HSUPA Band2 Subtest5	9400	1880	20.75	PASS
HSUPA Band2 Subtest1	9538	1907.6	20.37	PASS
HSUPA Band2 Subtest2	9538	1907.6	20.61	PASS
HSUPA Band2 Subtest3	9538	1907.6	20.40	PASS
HSUPA Band2 Subtest4	9538	1907.6	20.77	PASS
HSUPA Band2 Subtest5	9538	1907.6	20.26	PASS
HSUPA Band5 Subtest1	4132	826.4	20.78	PASS
HSUPA Band5 Subtest2	4132	826.4	20.55	PASS
HSUPA Band5 Subtest3	4132	826.4	20.54	PASS
HSUPA Band5 Subtest4	4132	826.4	20.65	PASS
HSUPA Band5 Subtest5	4132	826.4	20.44	PASS
HSUPA Band5 Subtest1	4182	836.4	20.88	PASS
HSUPA Band5 Subtest2	4182	836.4	20.94	PASS
HSUPA Band5 Subtest3	4182	836.4	20.82	PASS
HSUPA Band5 Subtest4	4182	836.4	21.01	PASS
HSUPA Band5 Subtest5	4182	836.4	20.96	PASS
HSUPA Band5 Subtest1	4233	846.6	20.25	PASS
HSUPA Band5 Subtest2	4233	846.6	20.34	PASS
HSUPA Band5 Subtest3	4233	846.6	20.19	PASS
HSUPA Band5 Subtest4	4233	846.6	20.53	PASS
HSUPA Band5 Subtest5	4233	846.6	20.24	PASS