

2G

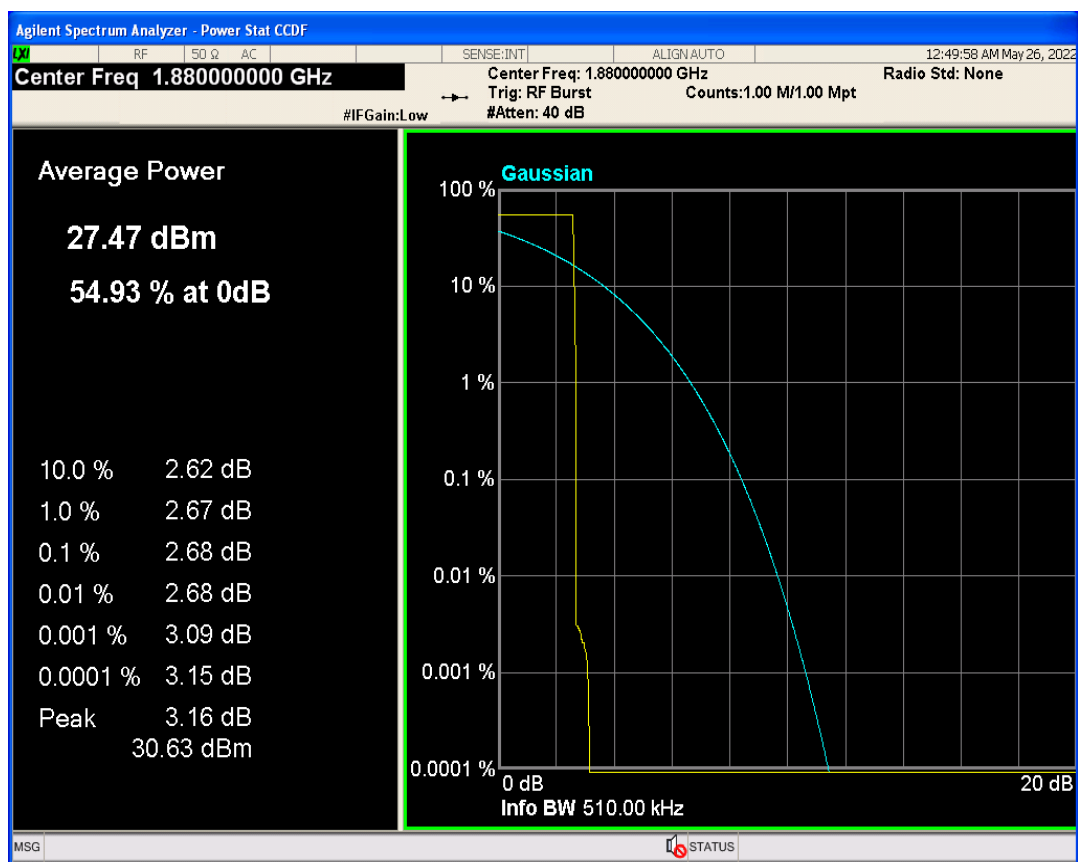
07 Conducted output power

Band	Channel	Frequency (MHz)	Power (dBm)	Verdict
GPRS1900 1 Slot	512	1850.2	29.71	PASS
GPRS1900 1 Slot	661	1880	29.50	PASS
GPRS1900 1 Slot	810	1909.8	29.17	PASS
GPRS1900 2 Slot	512	1850.2	27.70	PASS
GPRS1900 2 Slot	661	1880	27.26	PASS
GPRS1900 2 Slot	810	1909.8	26.85	PASS
GPRS1900 3 Slot	512	1850.2	26.02	PASS
GPRS1900 3 Slot	661	1880	25.52	PASS
GPRS1900 3 Slot	810	1909.8	25.13	PASS
GPRS1900 4 Slot	512	1850.2	23.95	PASS
GPRS1900 4 Slot	661	1880	23.46	PASS
GPRS1900 4 Slot	810	1909.8	23.02	PASS
GPRS850 1 Slot	128	824.2	32.51	PASS
GPRS850 1 Slot	189	836.4	32.31	PASS
GPRS850 1 Slot	251	848.8	32.35	PASS
GPRS850 2 Slot	128	824.2	30.49	PASS
GPRS850 2 Slot	189	836.4	30.24	PASS
GPRS850 2 Slot	251	848.8	30.25	PASS
GPRS850 3 Slot	128	824.2	28.53	PASS
GPRS850 3 Slot	189	836.4	28.33	PASS
GPRS850 3 Slot	251	848.8	28.31	PASS
GPRS850 4 Slot	128	824.2	26.37	PASS
GPRS850 4 Slot	189	836.4	26.19	PASS
GPRS850 4 Slot	251	848.8	26.22	PASS

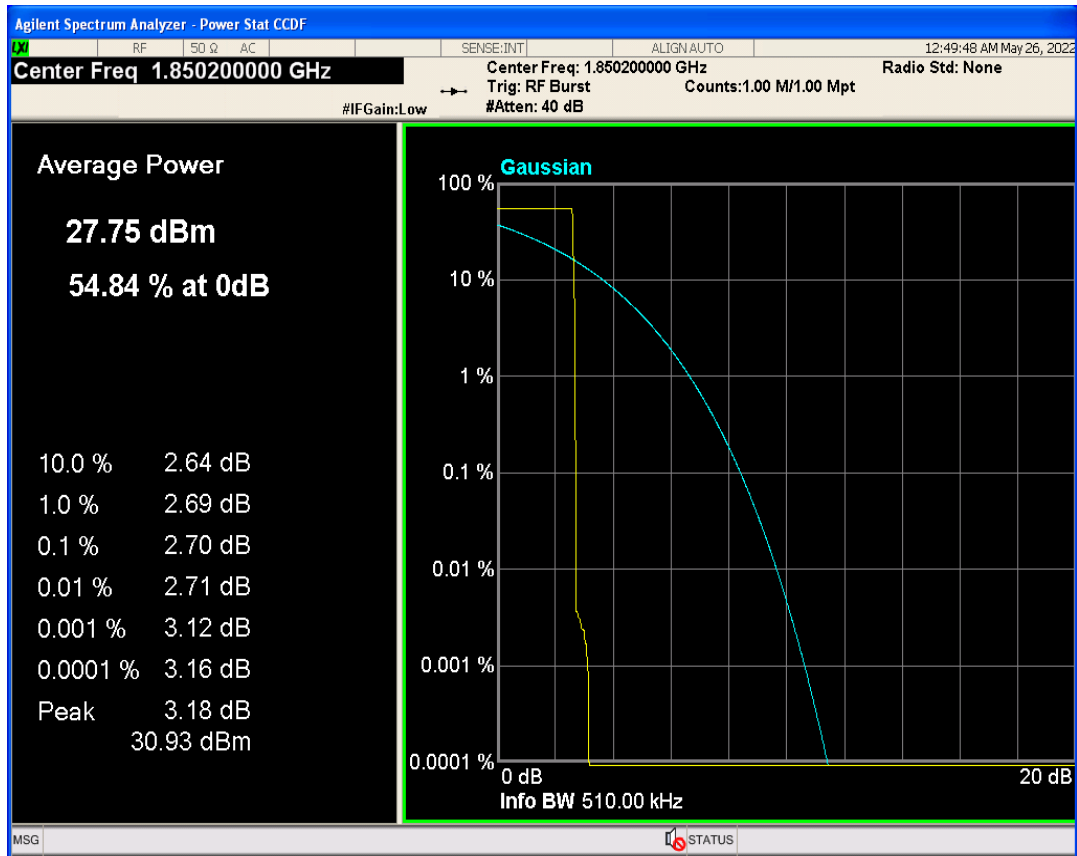
09 Peak-to-Average Ratio

Band	Channel	Frequency (MHz)	Result (dB)	high Limit (dB)	Verdict
GPRS1900	512	1850.2	2.699639566	13.00	PASS
GPRS1900	661	1880	2.677861331	13.00	PASS
GPRS1900	810	1909.8	2.66642134	13.00	PASS
GPRS850	128	824.2	2.649918595	13.00	PASS
GPRS850	189	836.4	2.648548175	13.00	PASS
GPRS850	251	848.8	2.658530584	13.00	PASS

GPRS1900 Channel=661



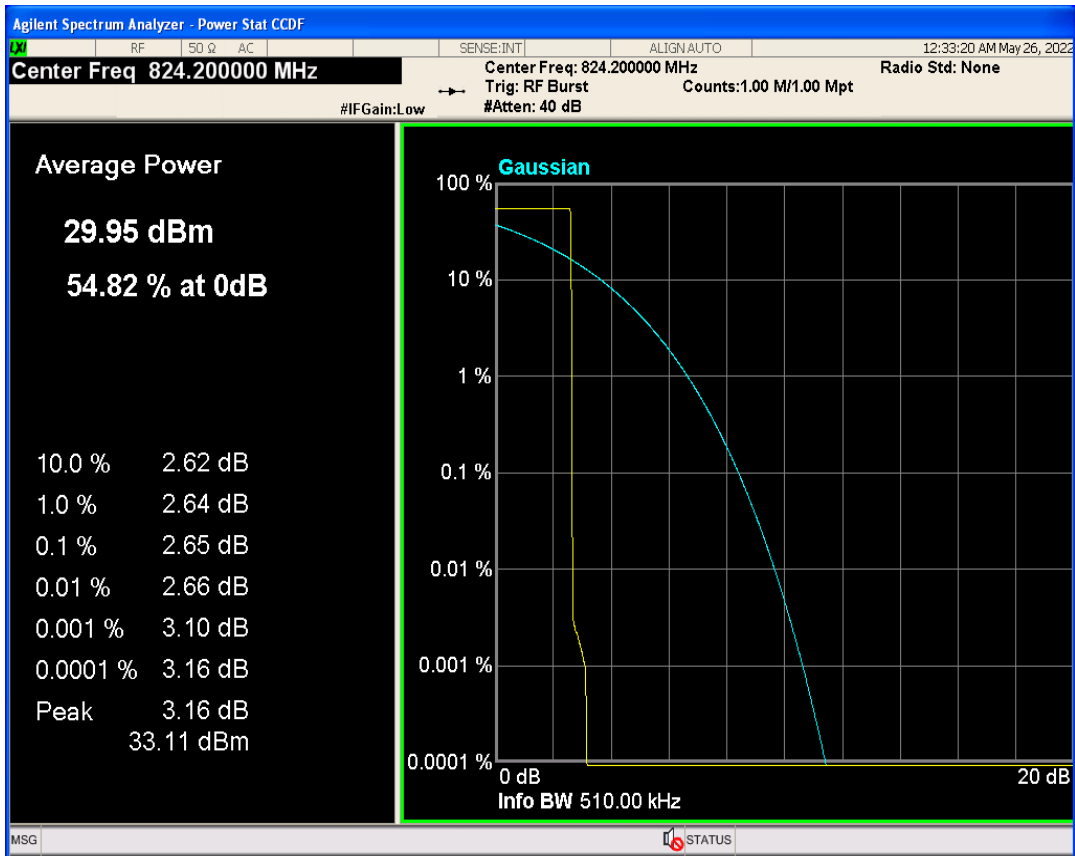
GPRS1900 Channel=512



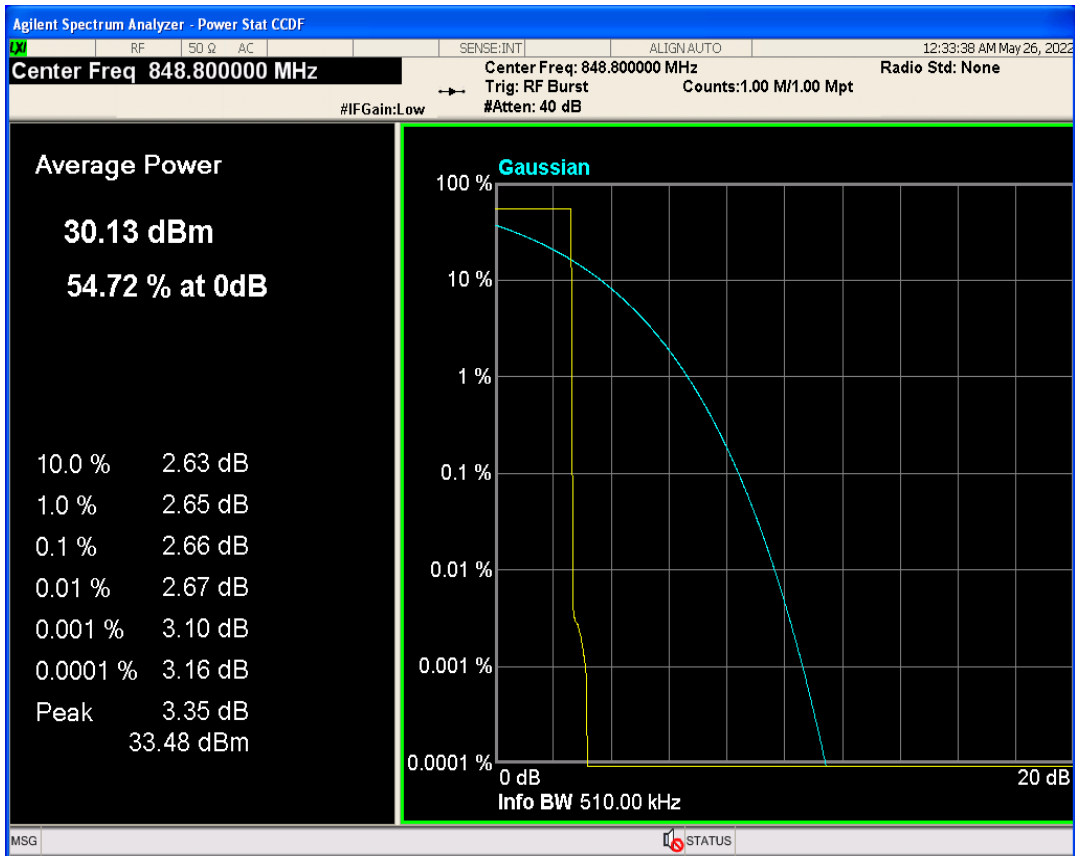
GPRS1900 Channel=810



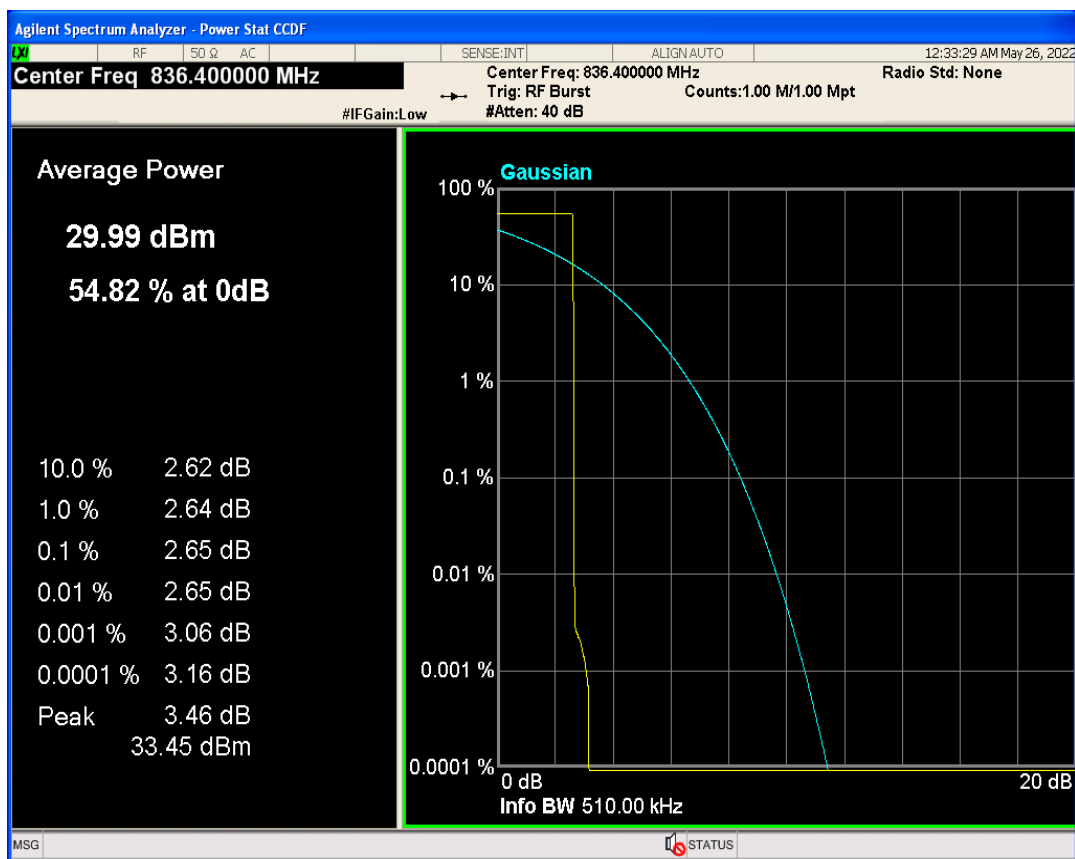
GPRS850 Channel=128



GPRS850 Channel=251



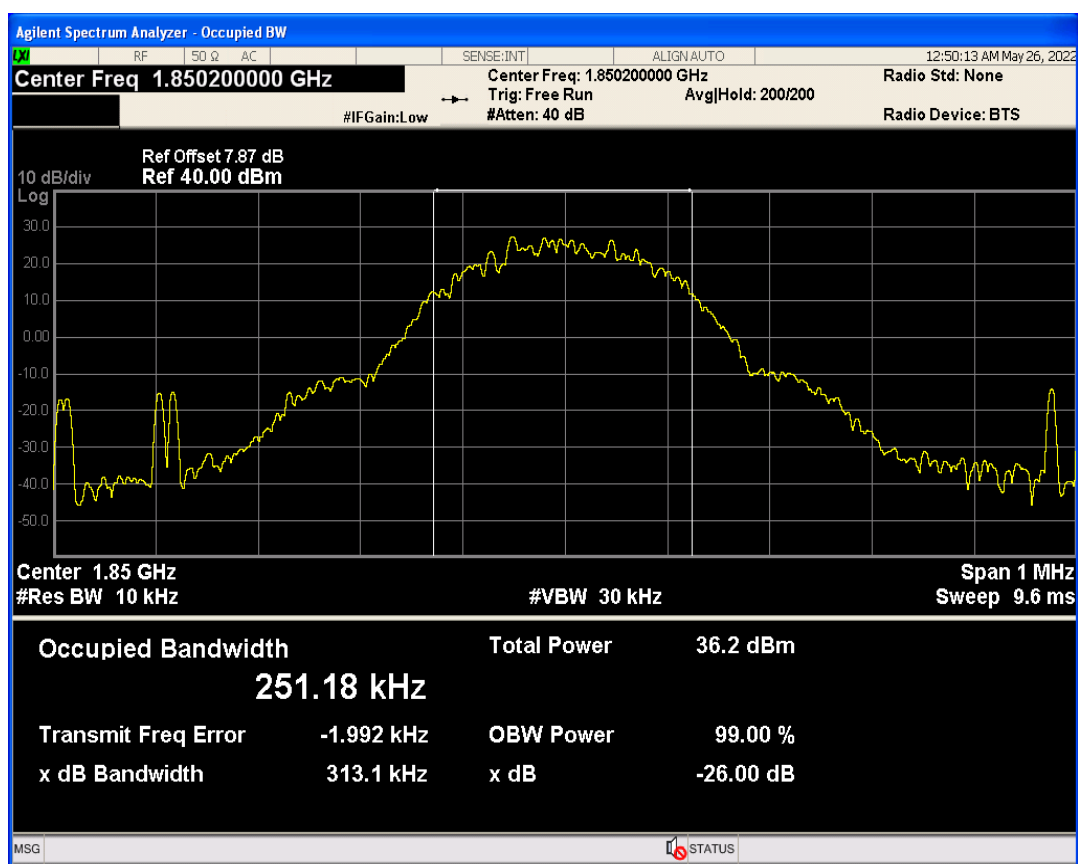
GPRS850 Channel=189



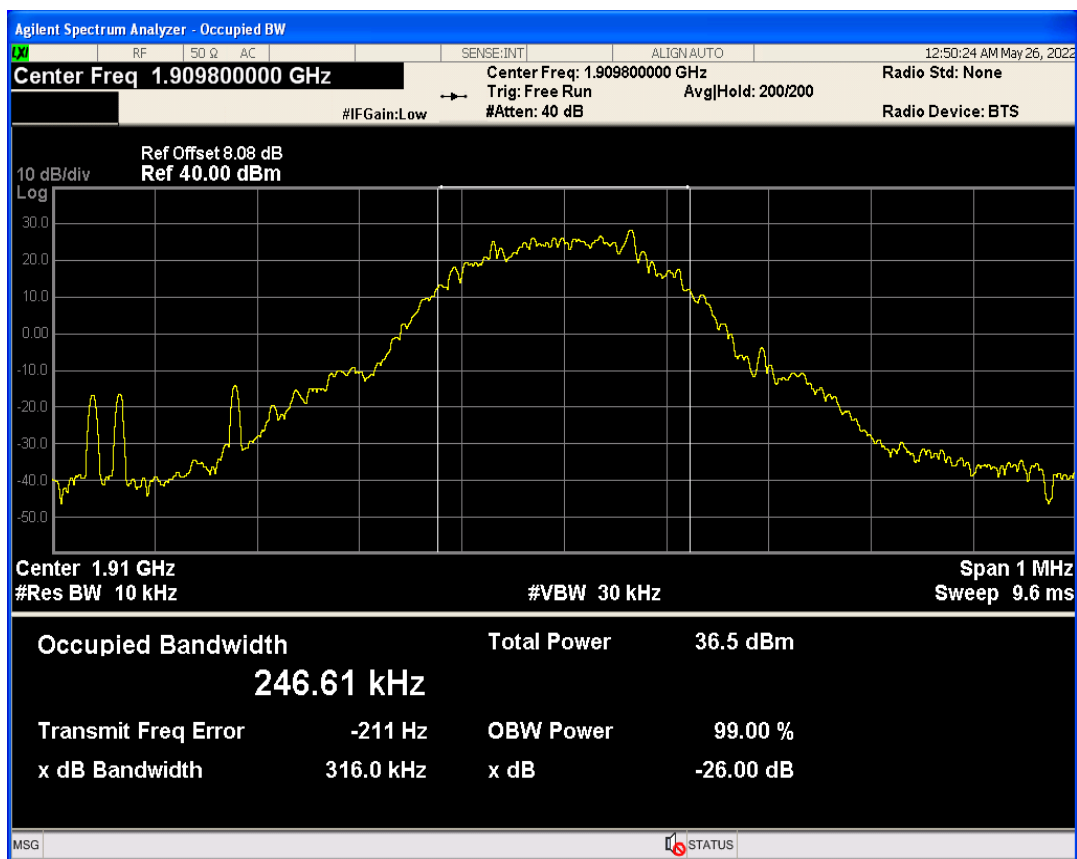
10 Occupied bandwidth

Band	Channel	Frequency (MHz)	99% OBW (kHz)	-26dB EBW (kHz)	Verdict
GPRS1900	512	1850.2	251.181	313.096	PASS
GPRS1900	661	1880	243.807	314.352	PASS
GPRS1900	810	1909.8	246.610	316.042	PASS
GPRS850	128	824.2	246.304	314.134	PASS
GPRS850	189	836.4	244.655	316.934	PASS
GPRS850	251	848.8	250.006	320.023	PASS

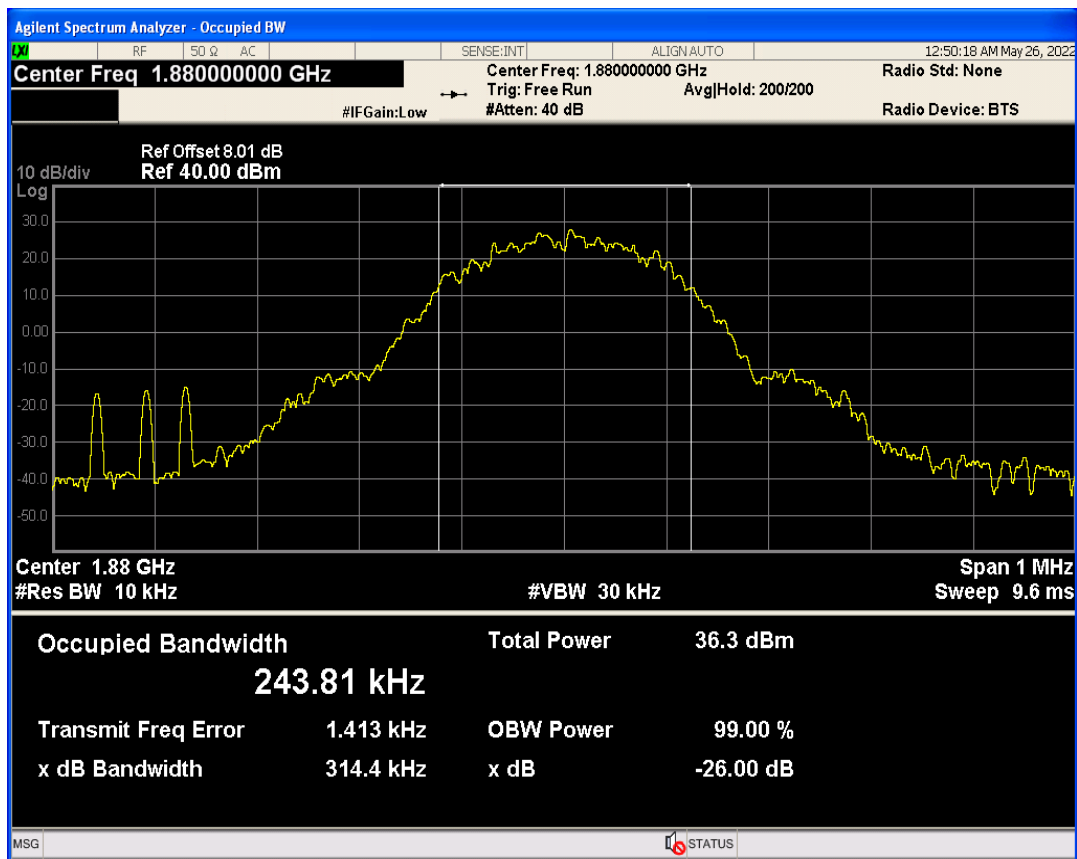
GPRS1900 Channel=512



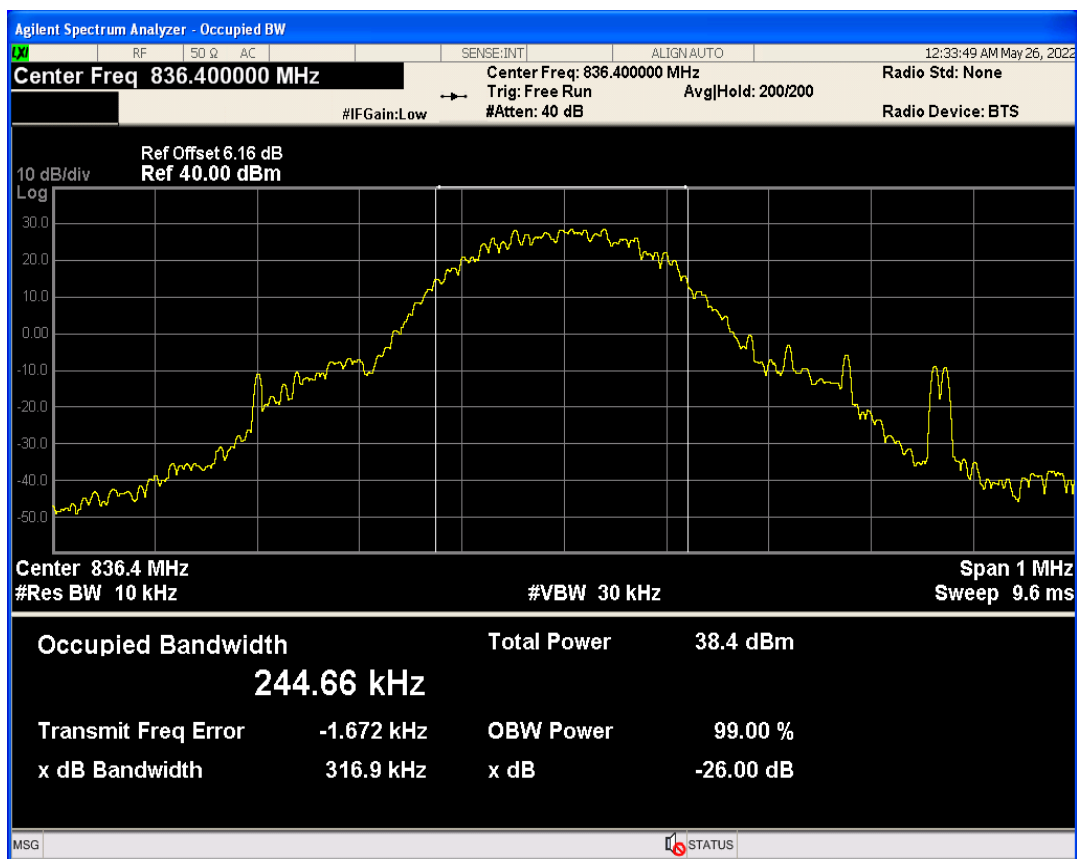
GPRS1900 Channel=810



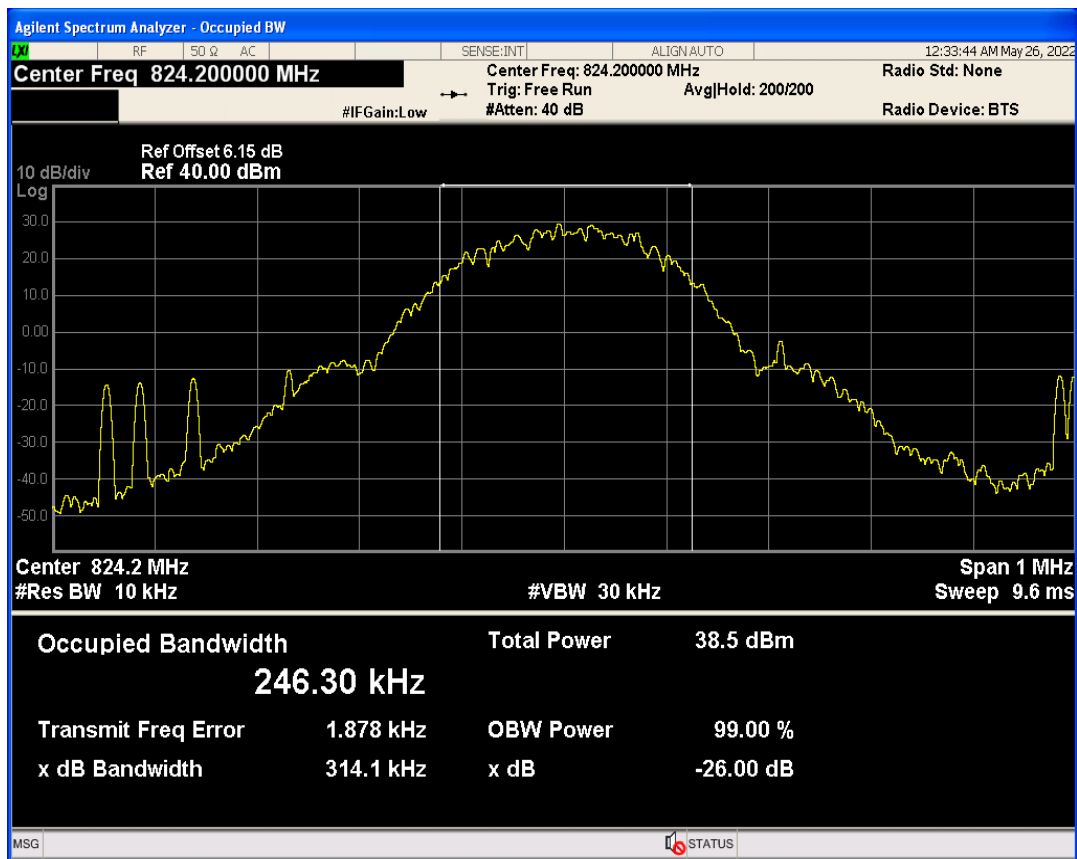
GPRS1900 Channel=661



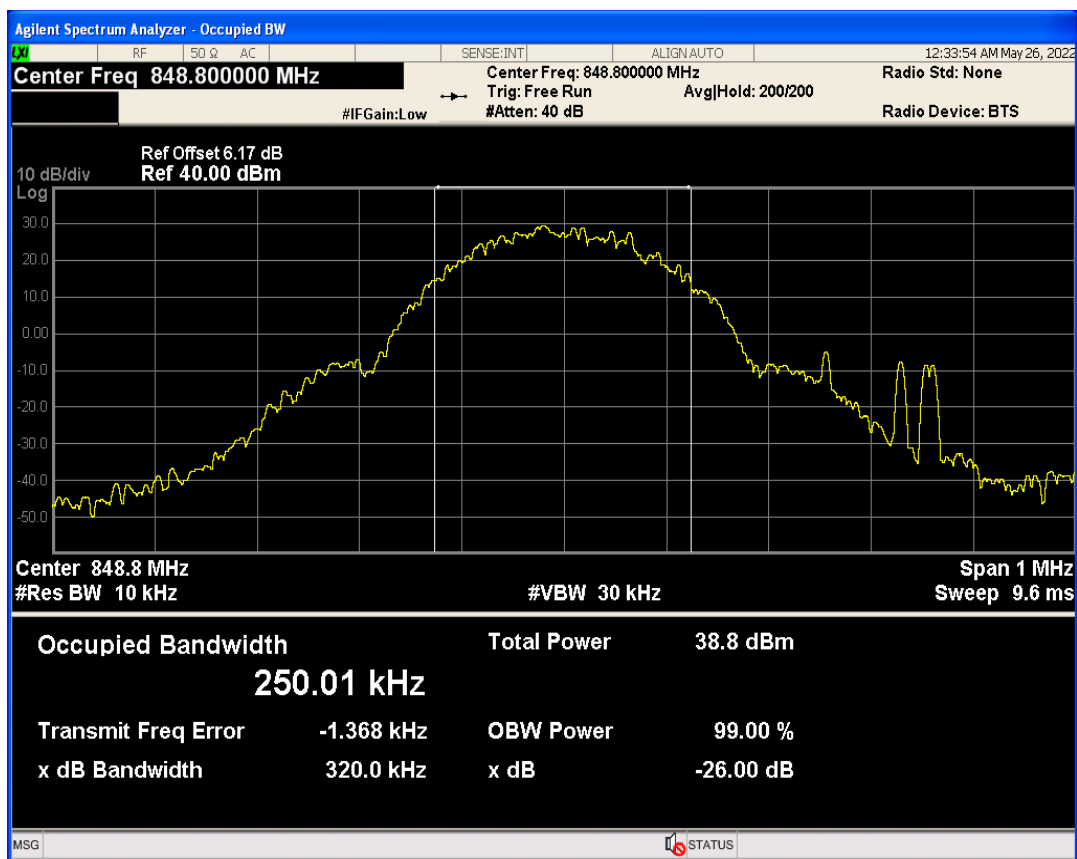
GPRS850 Channel=189



GPRS850 Channel=128



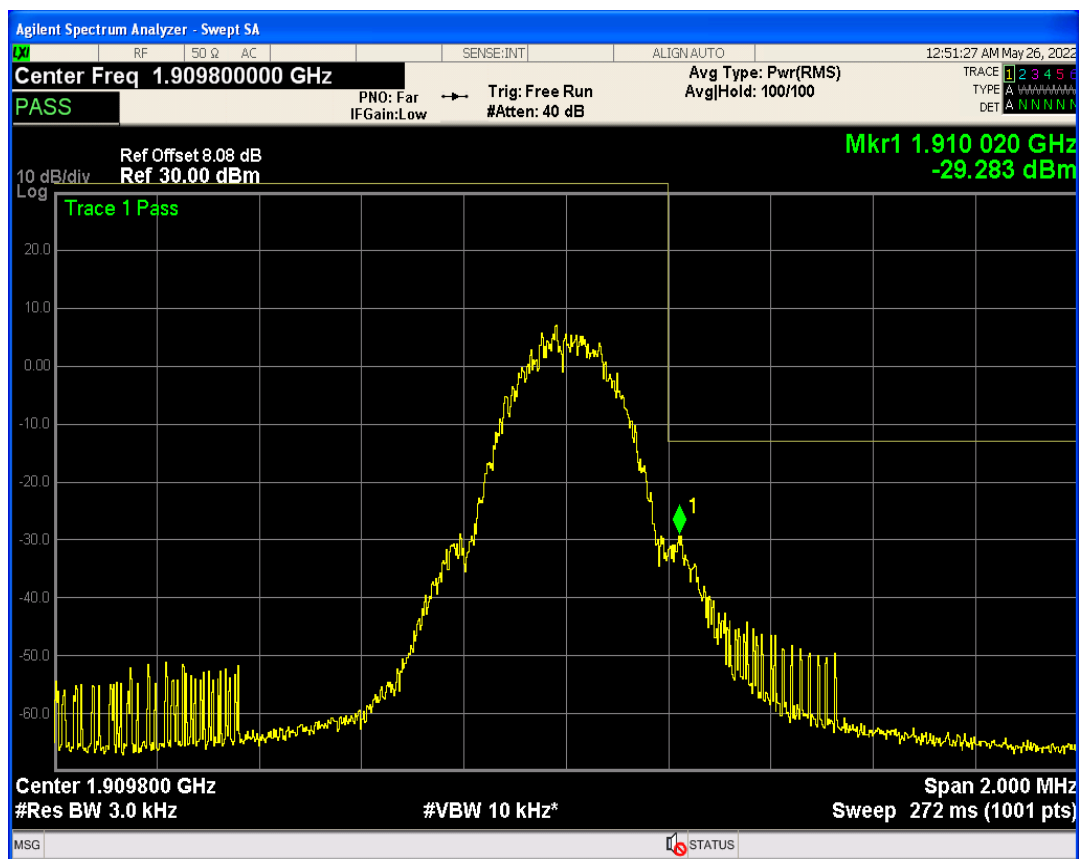
GPRS850 Channel=251



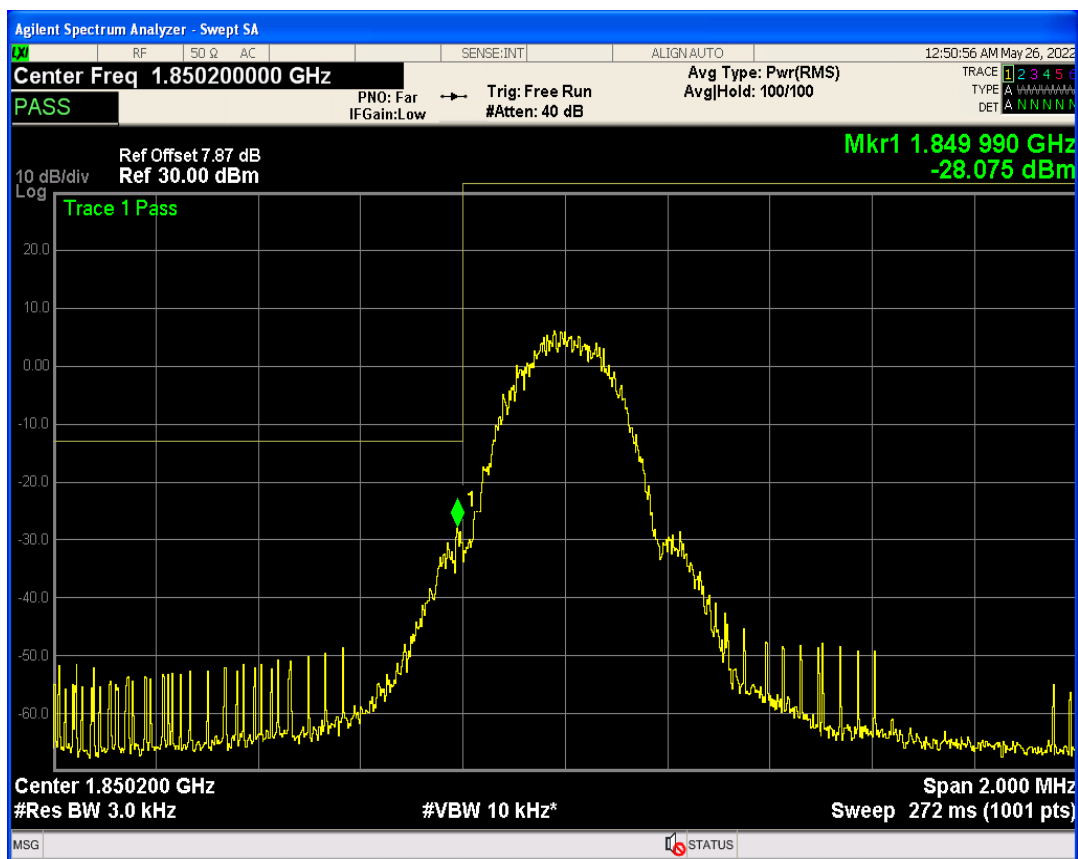
11 Band edge

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
GPRS1900	512	1850.2	1849.99	-28.07	-13	PASS
GPRS1900	810	1909.8	1910.02	-29.28	-13	PASS
GPRS850	128	824.2	823.98	-26.85	-13	PASS
GPRS850	251	848.8	849.02	-27.04	-13	PASS

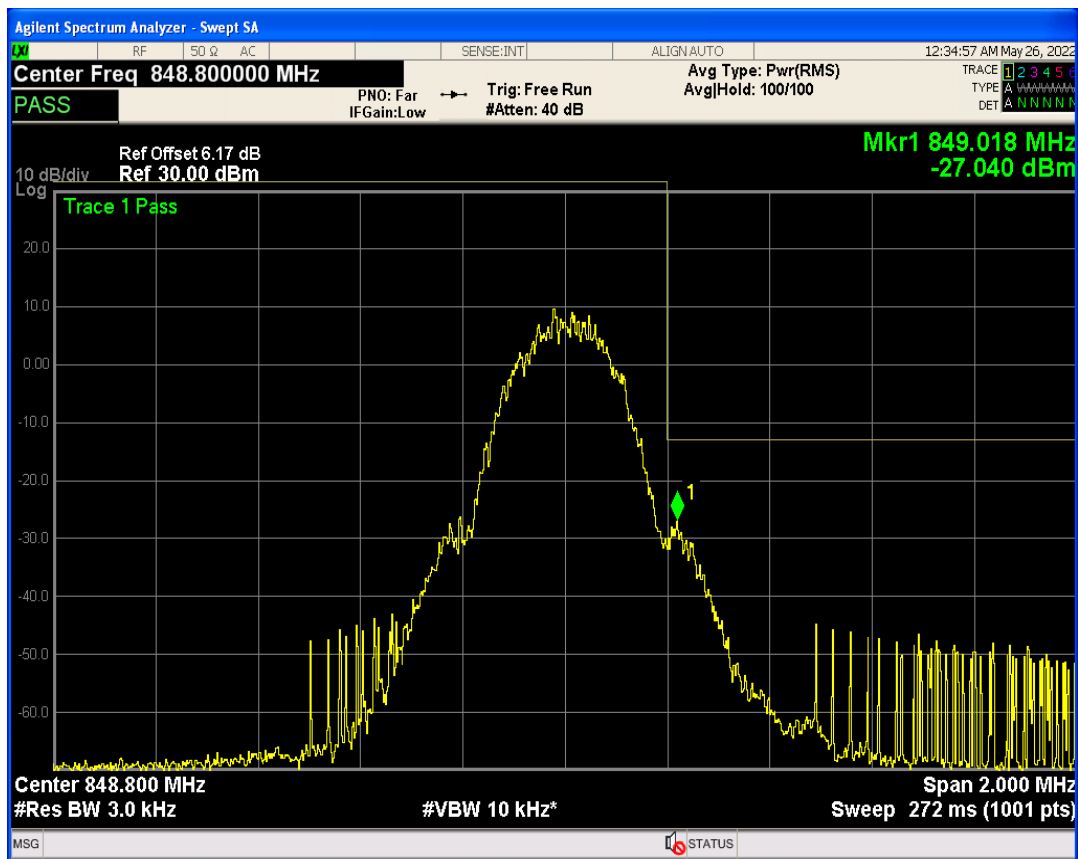
GPRS1900 Channel=810



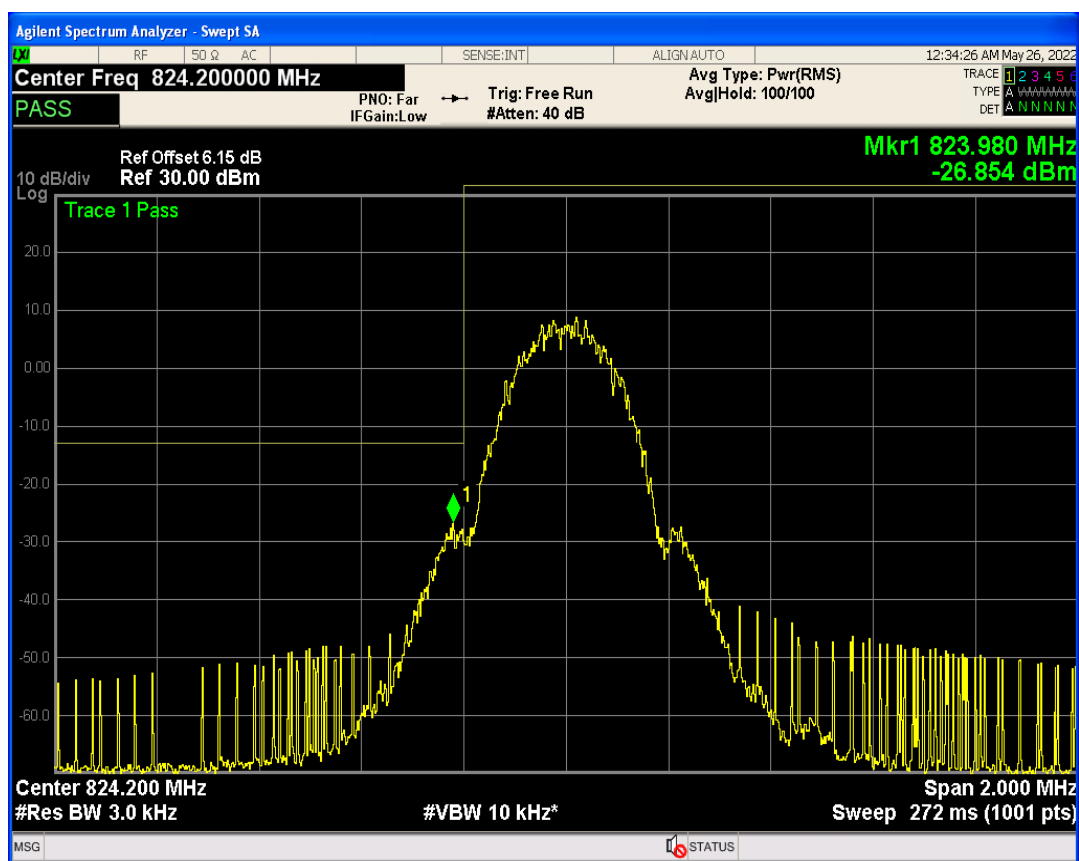
GPRS1900 Channel=512



GPRS850 Channel=251



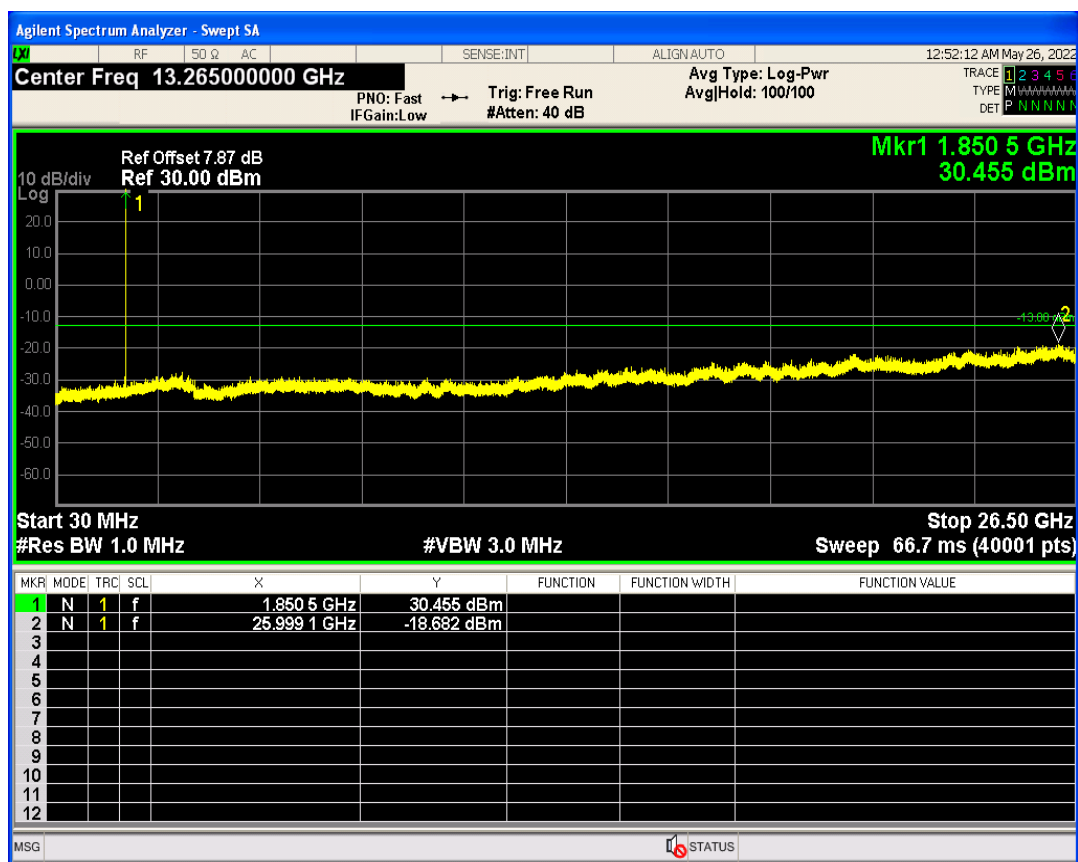
GPRS850 Channel=128



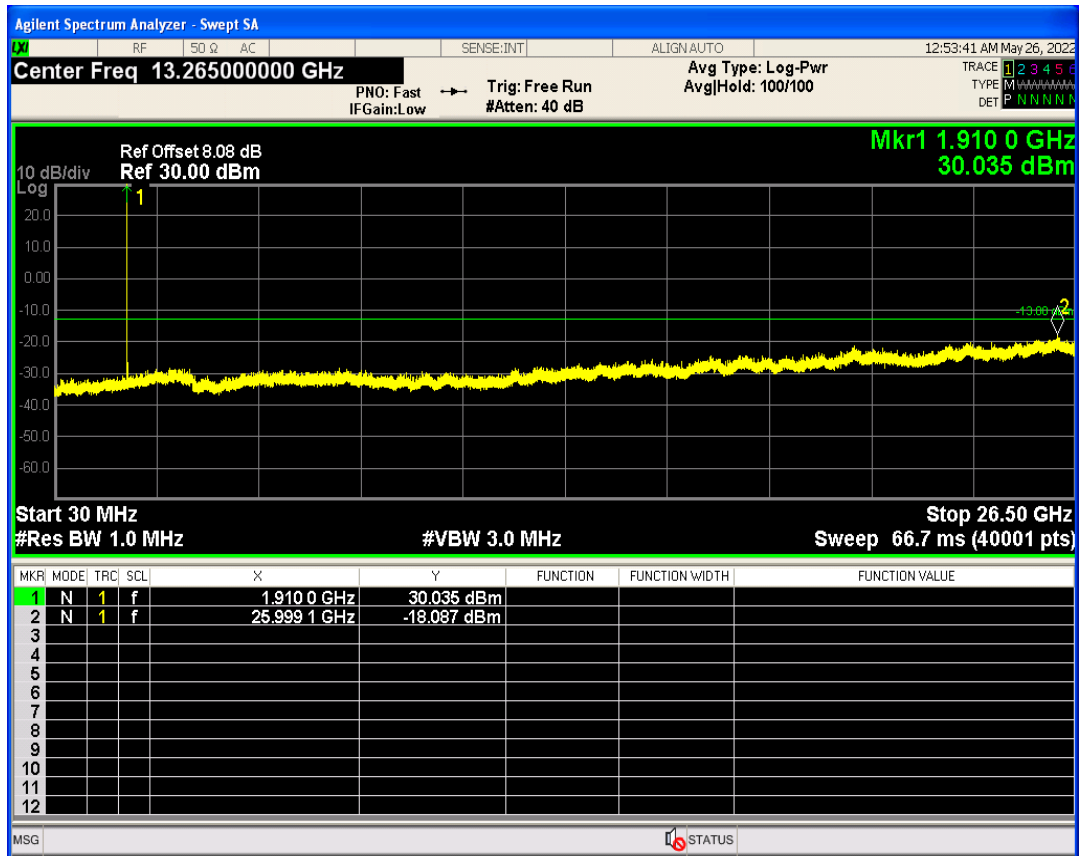
12 Out-of-band emissions

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
GPRS1900	512	1850.2	25999.06	-18.68	-13	PASS
GPRS1900	661	1880	25987.81	-18.23	-13	PASS
GPRS1900	810	1909.8	25999.06	-18.08	-13	PASS
GPRS850	128	824.2	26016.92	-20.62	-13	PASS
GPRS850	189	836.4	25833.62	-19.55	-13	PASS
GPRS850	251	848.8	25956.70	-20.47	-13	PASS

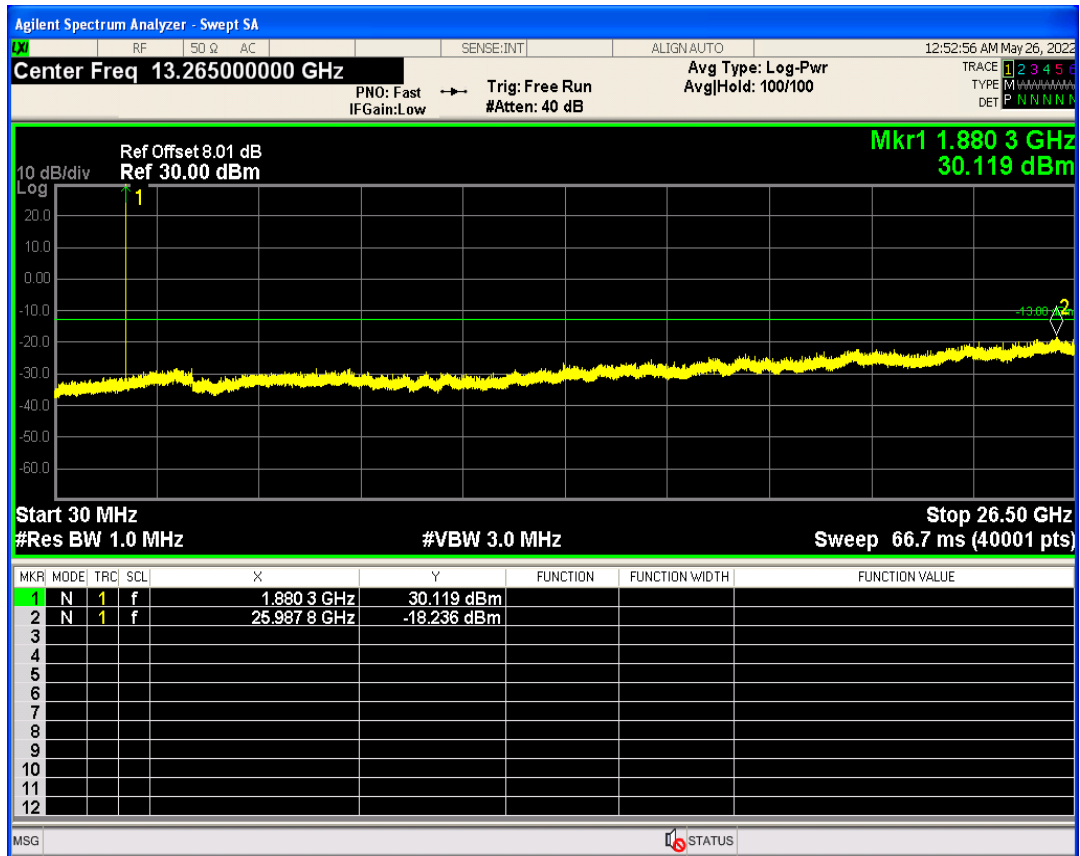
GPRS1900 Channel=512



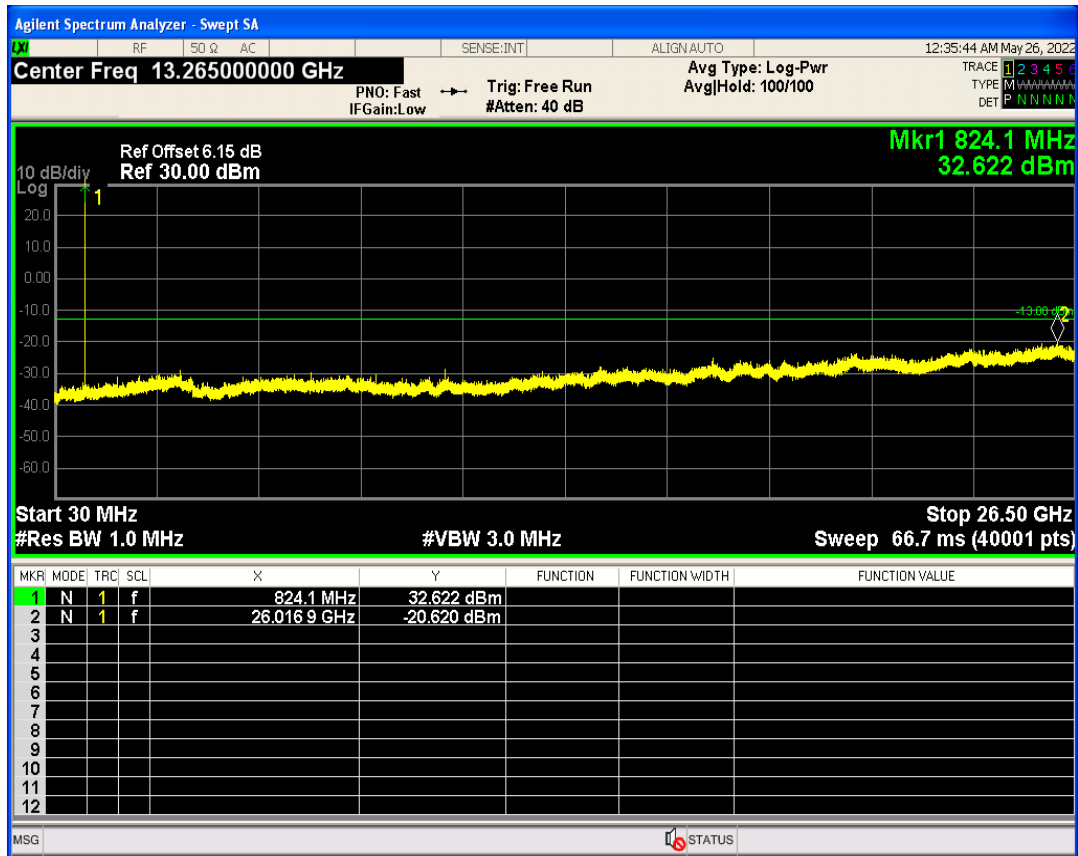
GPRS1900 Channel=810



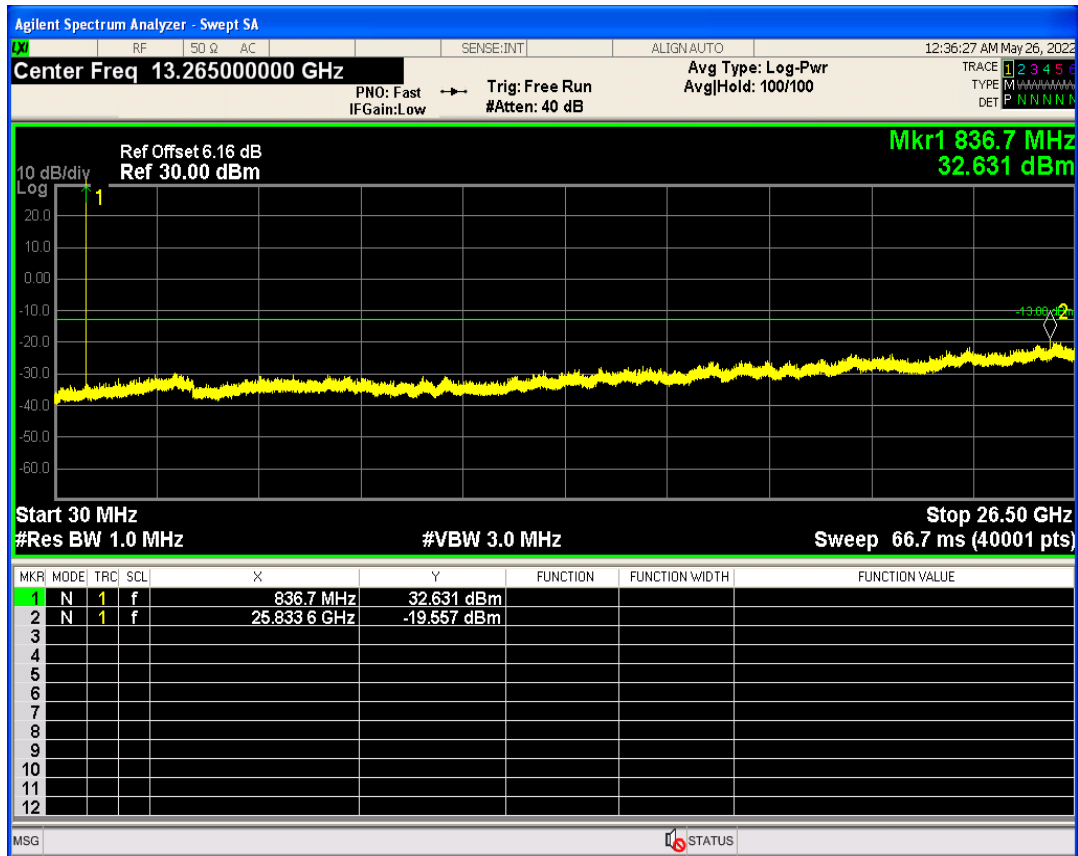
GPRS1900 Channel=661



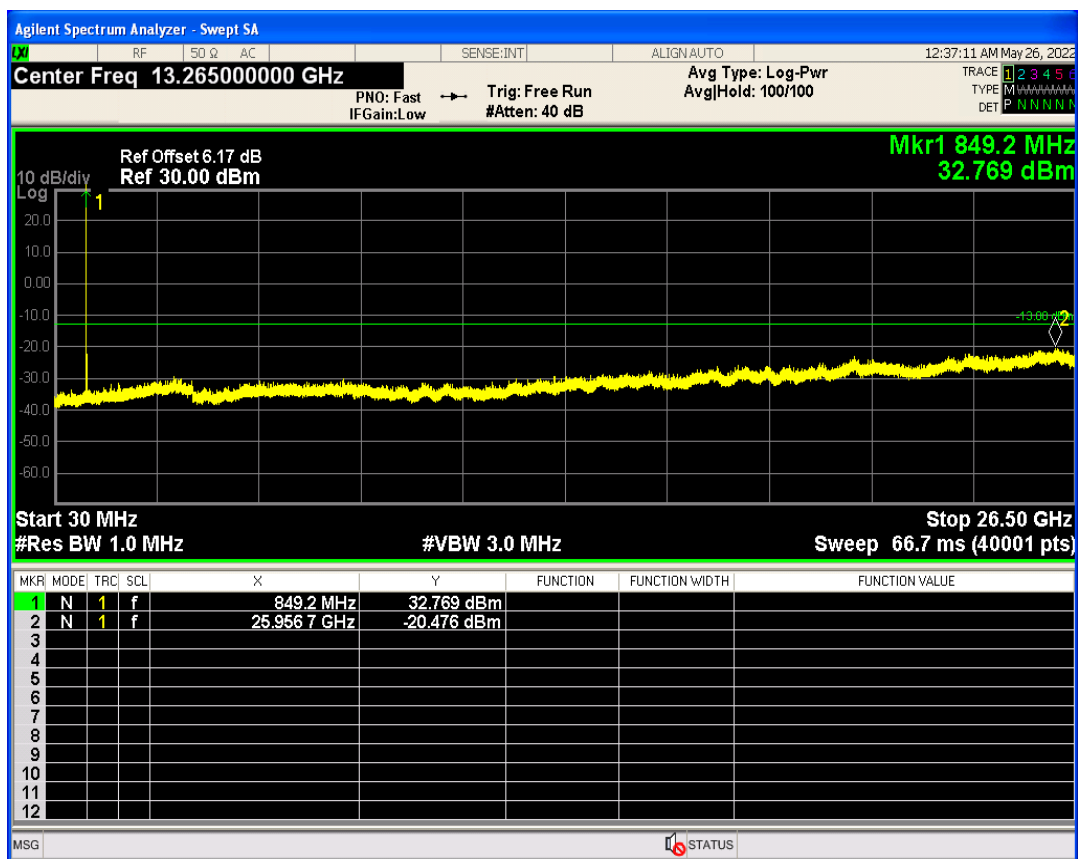
GPRS850 Channel=128



GPRS850 Channel=189



GPRS850 Channel=251



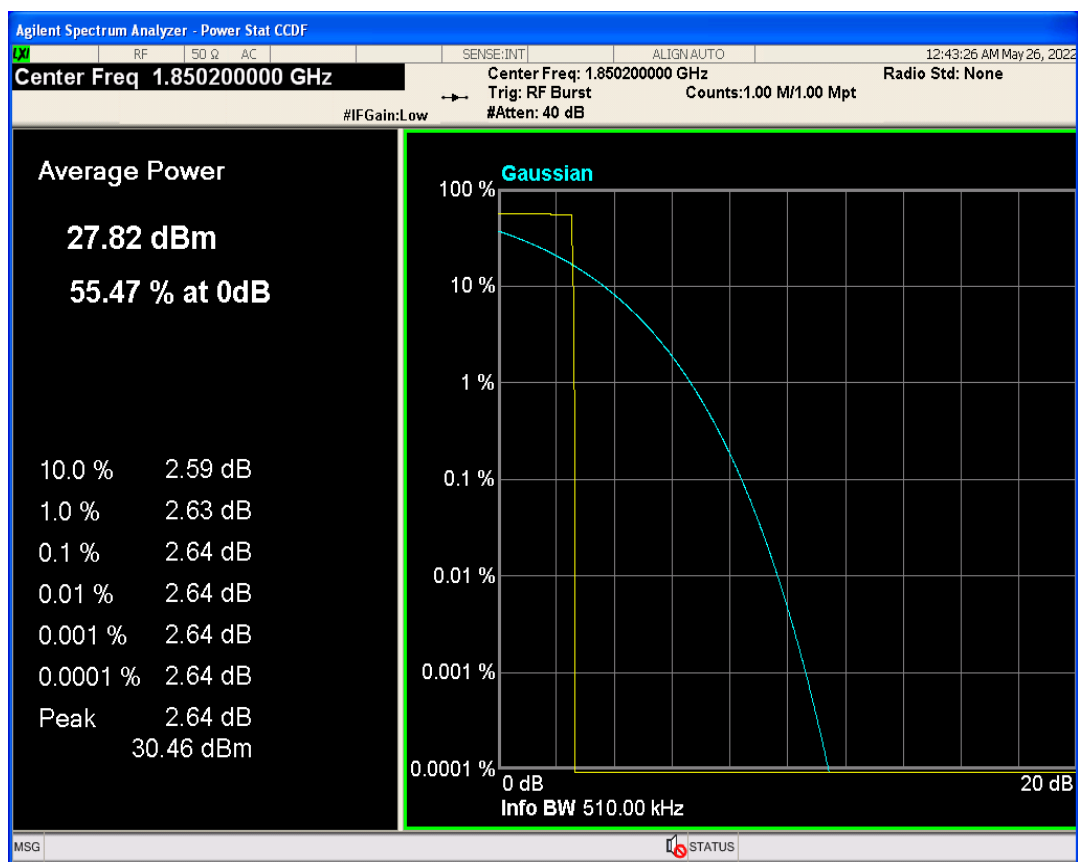
01 Conducted output power

Band	Channel	Frequency (MHz)	Power (dBm)	Verdict
GSM1900	512	1850.2	29.69	PASS
GSM1900	661	1880	29.48	PASS
GSM1900	810	1909.8	29.15	PASS
GSM850	128	824.2	32.48	PASS
GSM850	189	836.4	32.27	PASS
GSM850	251	848.8	32.35	PASS

03 Peak-to-Average Ratio

Band	Channel	Frequency (MHz)	Result (dB)	high Limit (dB)	Verdict
GSM1900	512	1850.2	2.64	13	PASS
GSM1900	661	1880	2.64	13	PASS
GSM1900	810	1909.8	2.62	13	PASS
GSM850	128	824.2	2.61	13	PASS
GSM850	189	836.4	2.61	13	PASS
GSM850	251	848.8	2.62	13	PASS

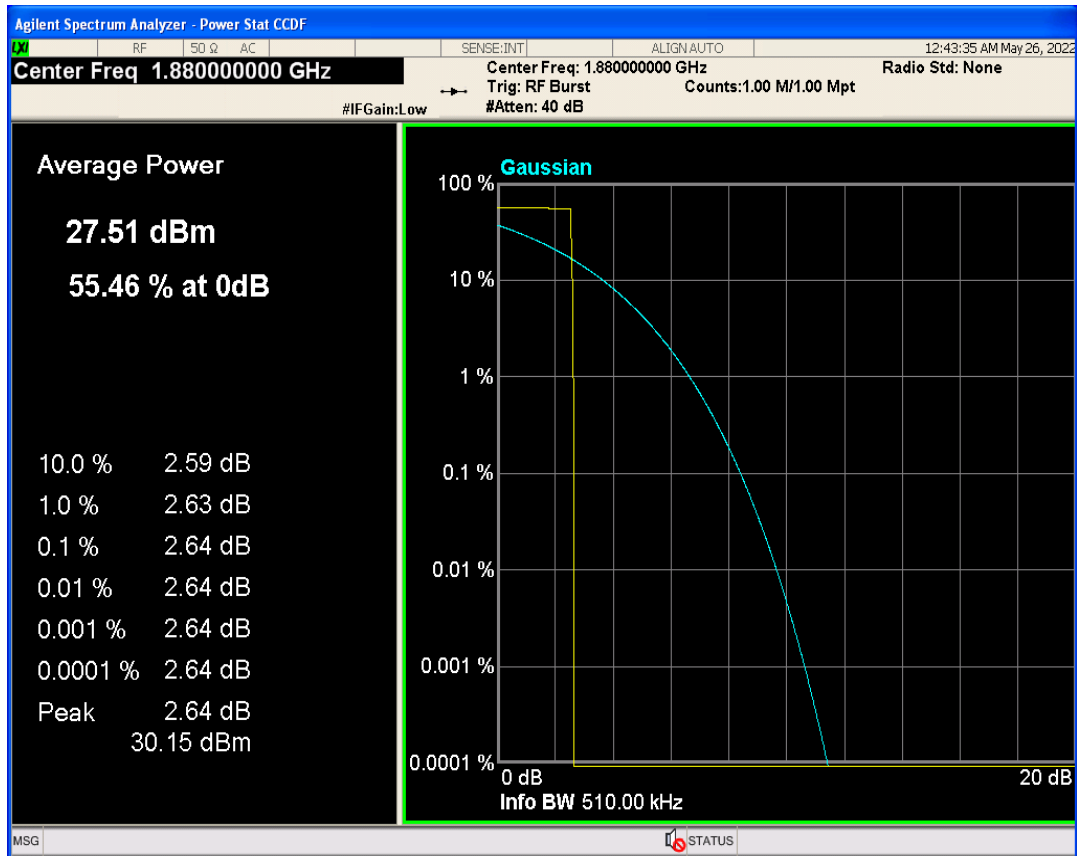
GSM1900 Channel=512



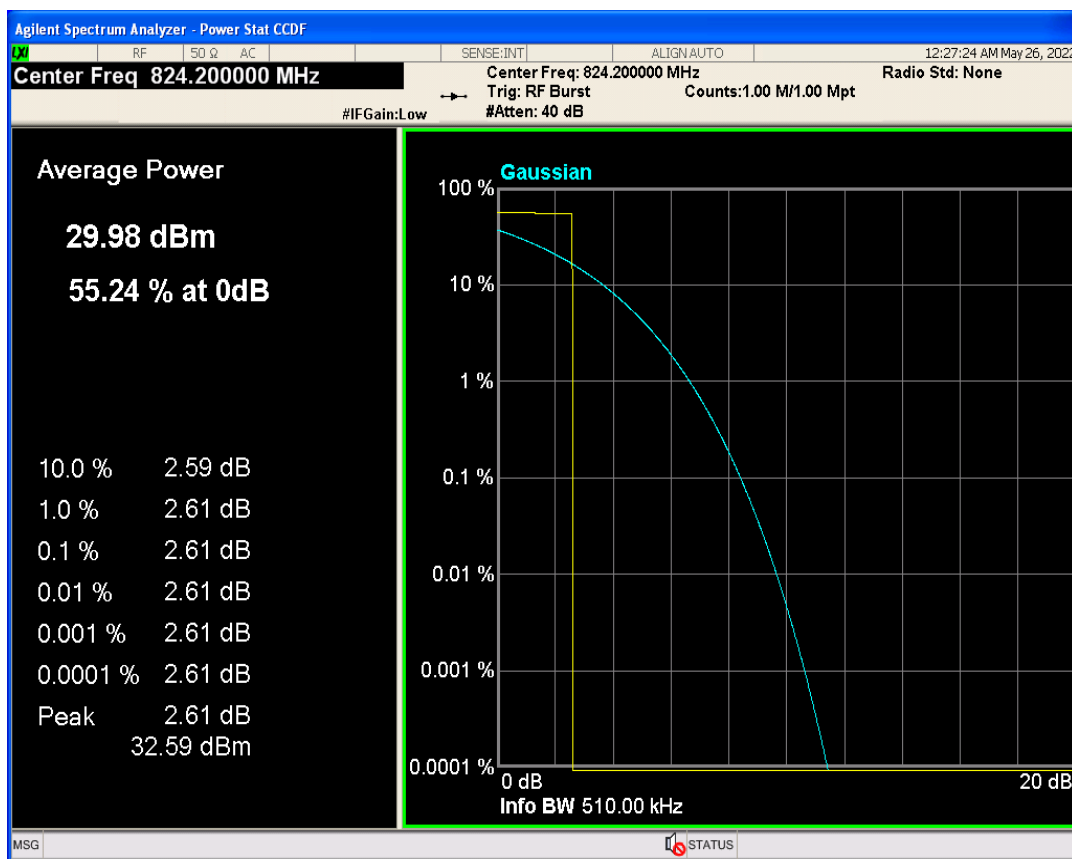
GSM1900 Channel=810



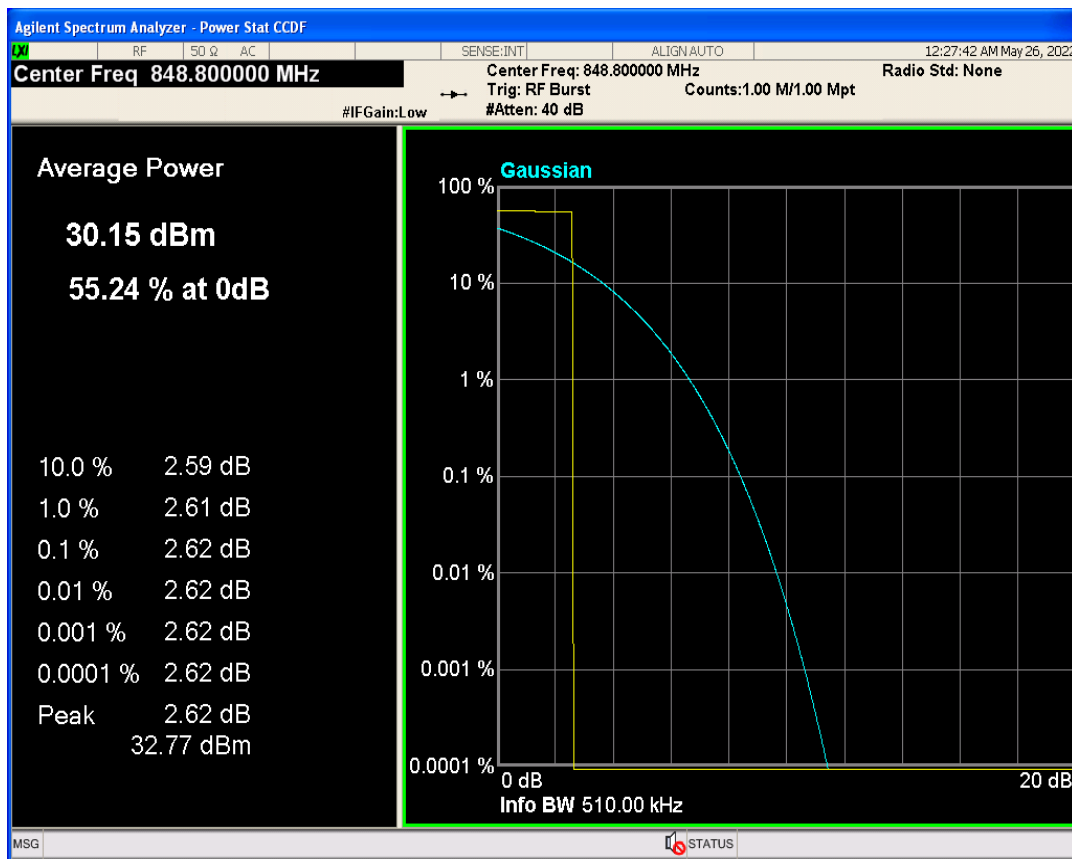
GSM1900 Channel=661



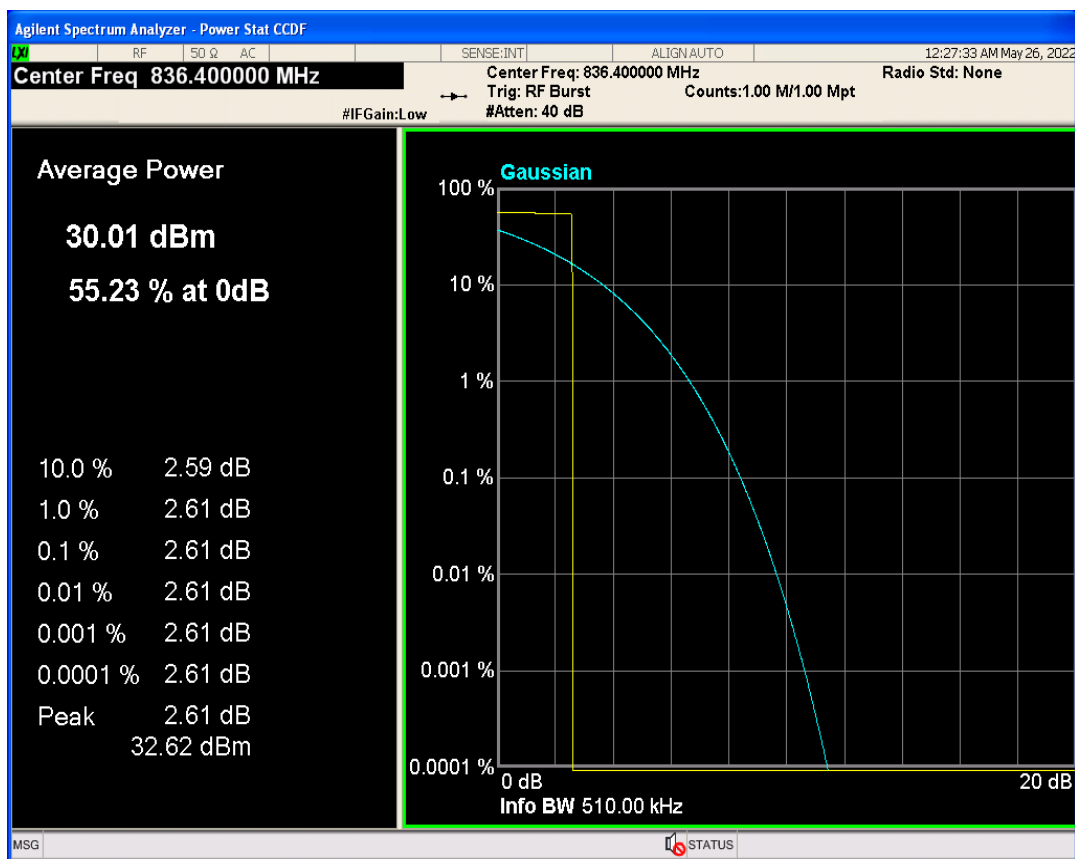
GSM850 Channel=128



GSM850 Channel=251



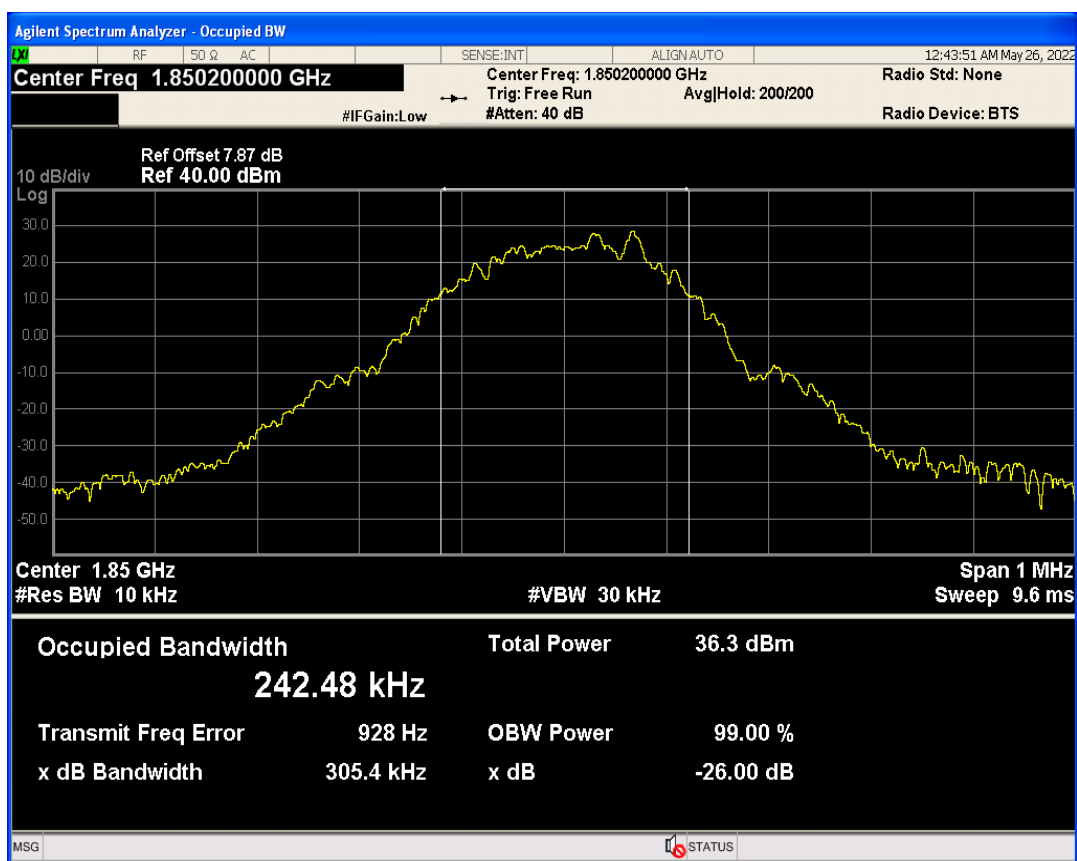
GSM850 Channel=189



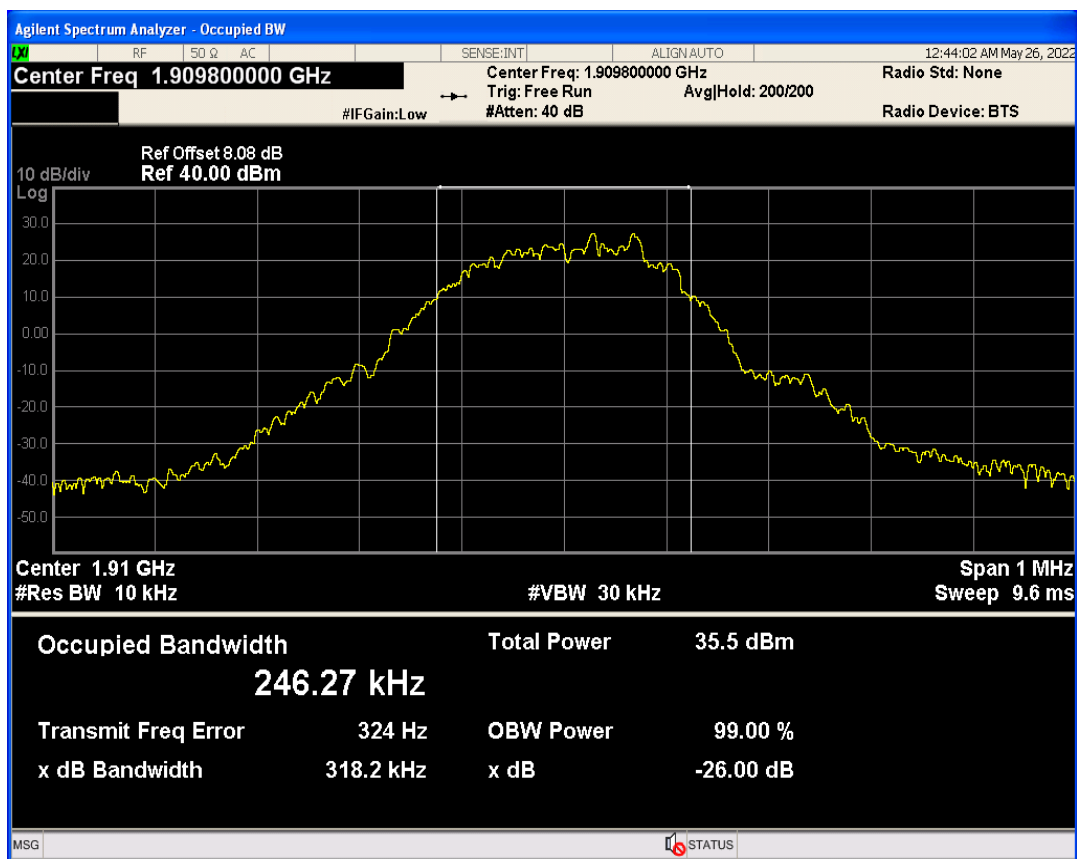
04 Occupied bandwidth

Band	Channel	Frequency (MHz)	99% OBW (kHz)	-26dB EBW (kHz)	Verdict
GSM1900	512	1850.2	242.484	305.394	PASS
GSM1900	661	1880	243.559	313.390	PASS
GSM1900	810	1909.8	246.266	318.243	PASS
GSM850	128	824.2	245.103	312.621	PASS
GSM850	189	836.4	241.225	304.729	PASS
GSM850	251	848.8	240.659	303.312	PASS

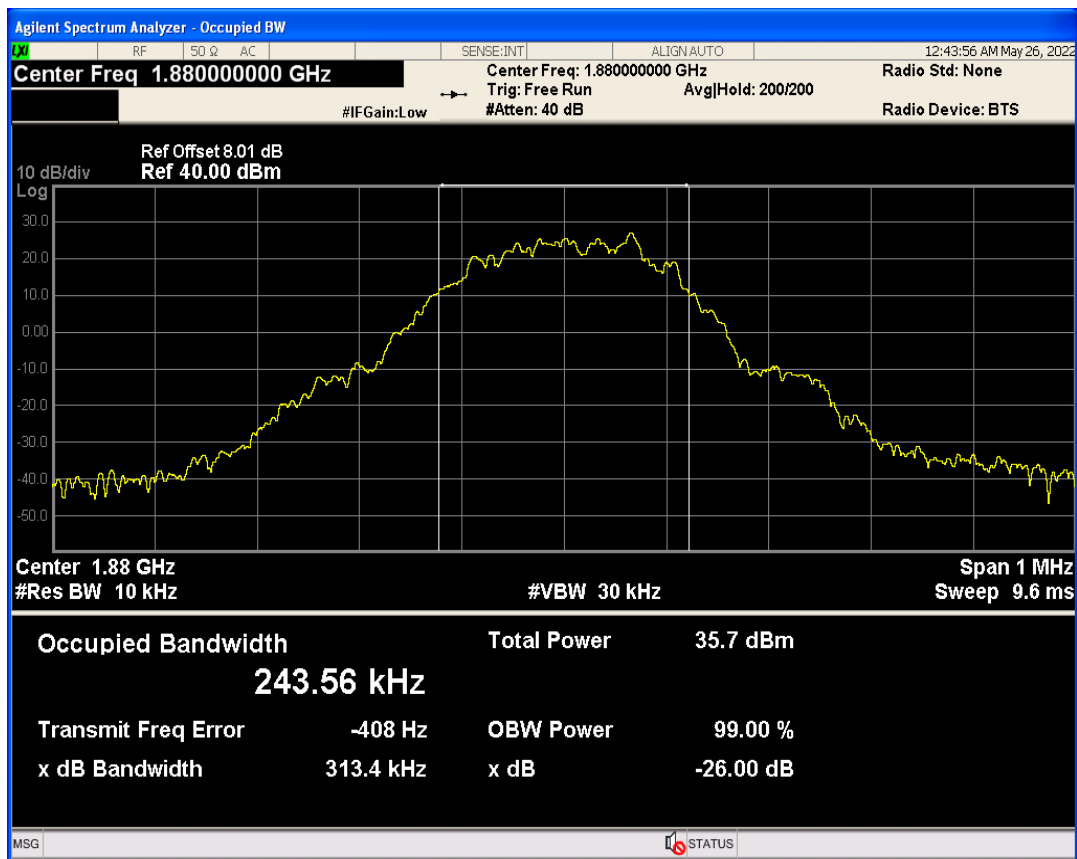
GSM1900 Channel=512



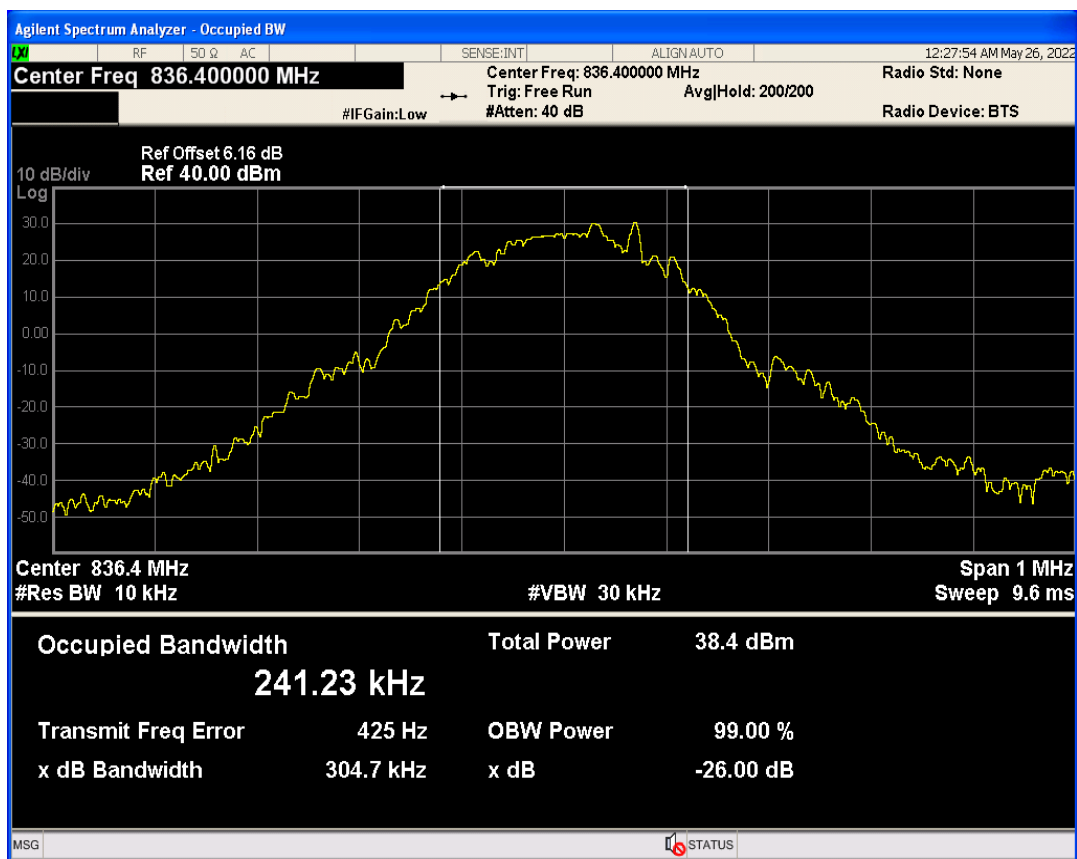
GSM1900 Channel=810



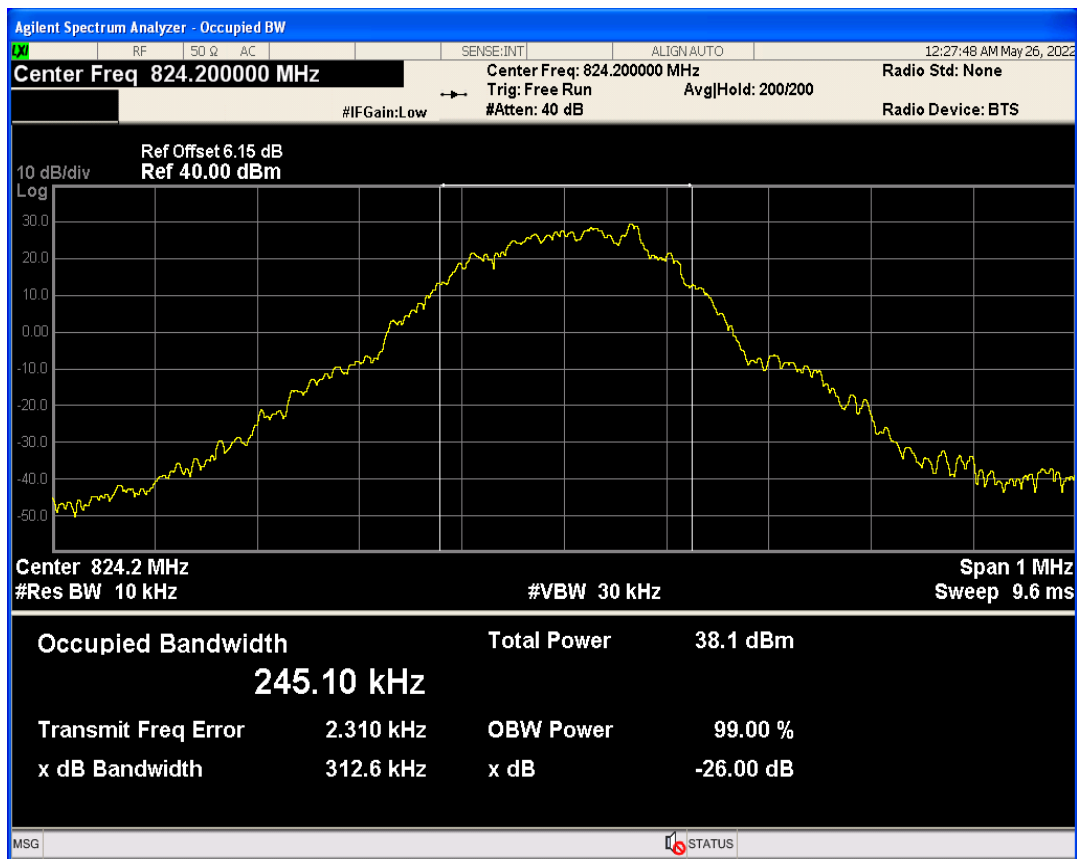
GSM1900 Channel=661



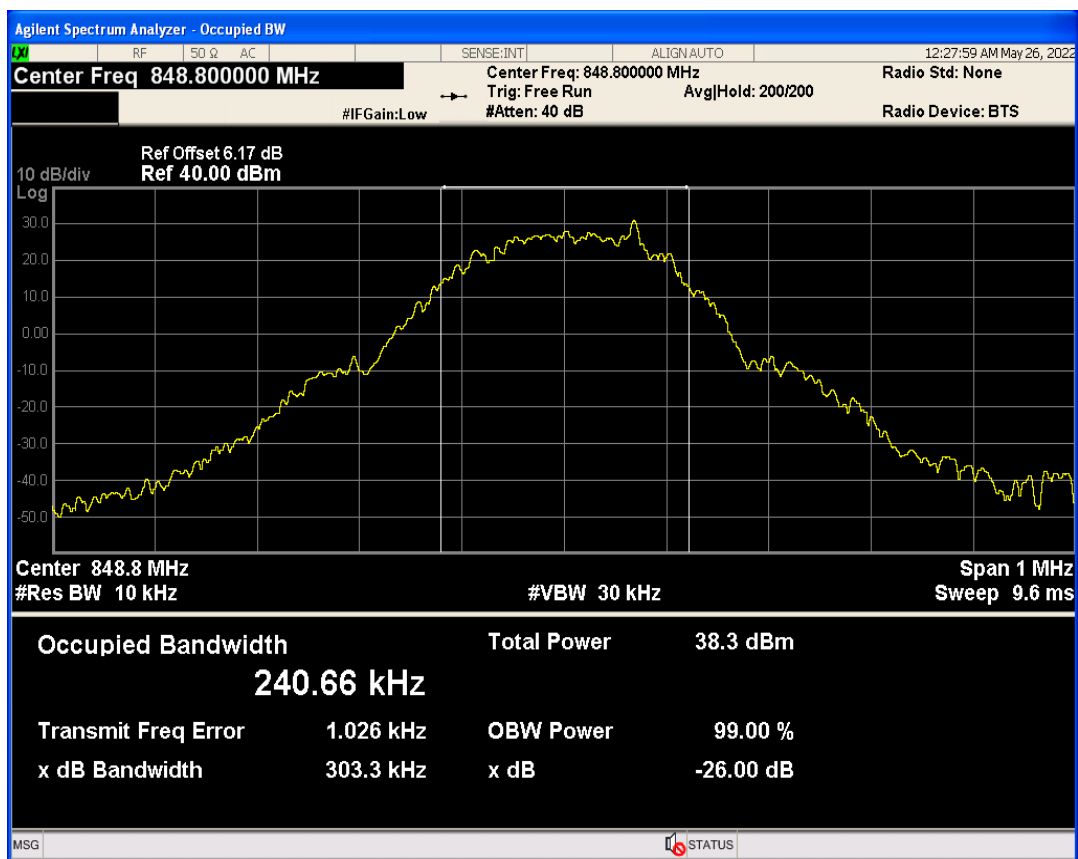
GSM850 Channel=189



GSM850 Channel=128



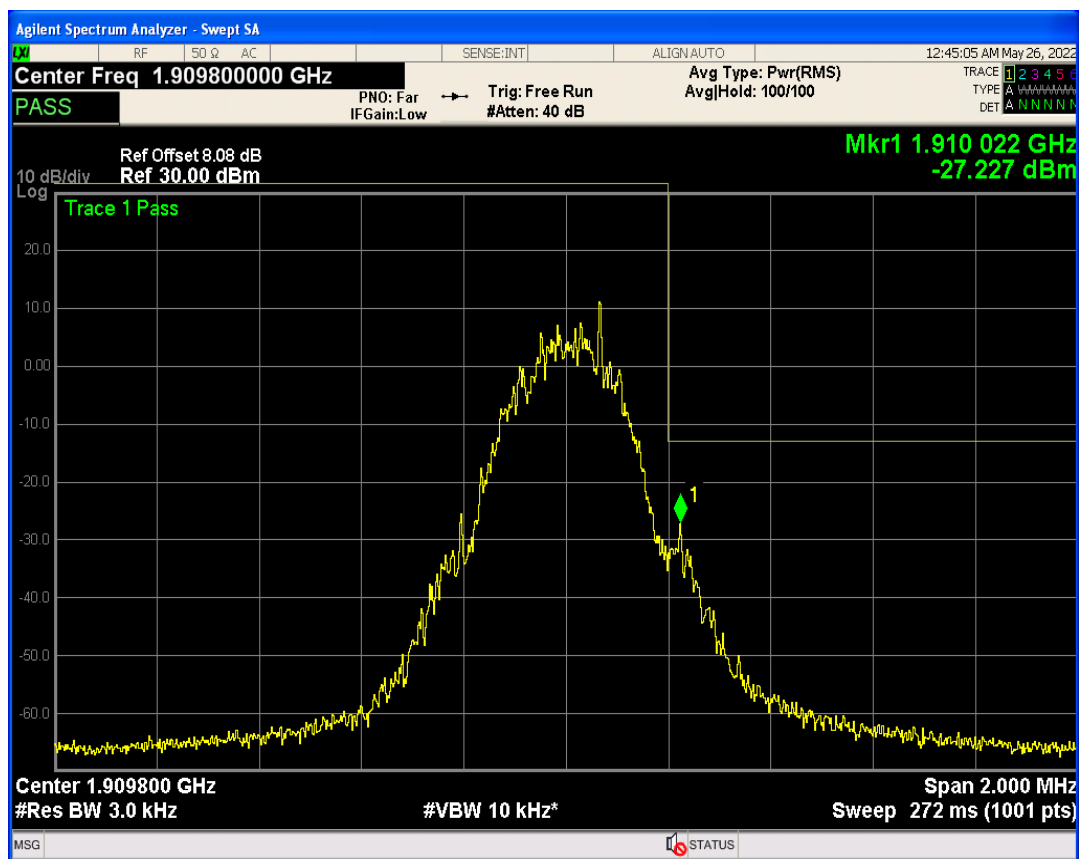
GSM850 Channel=251



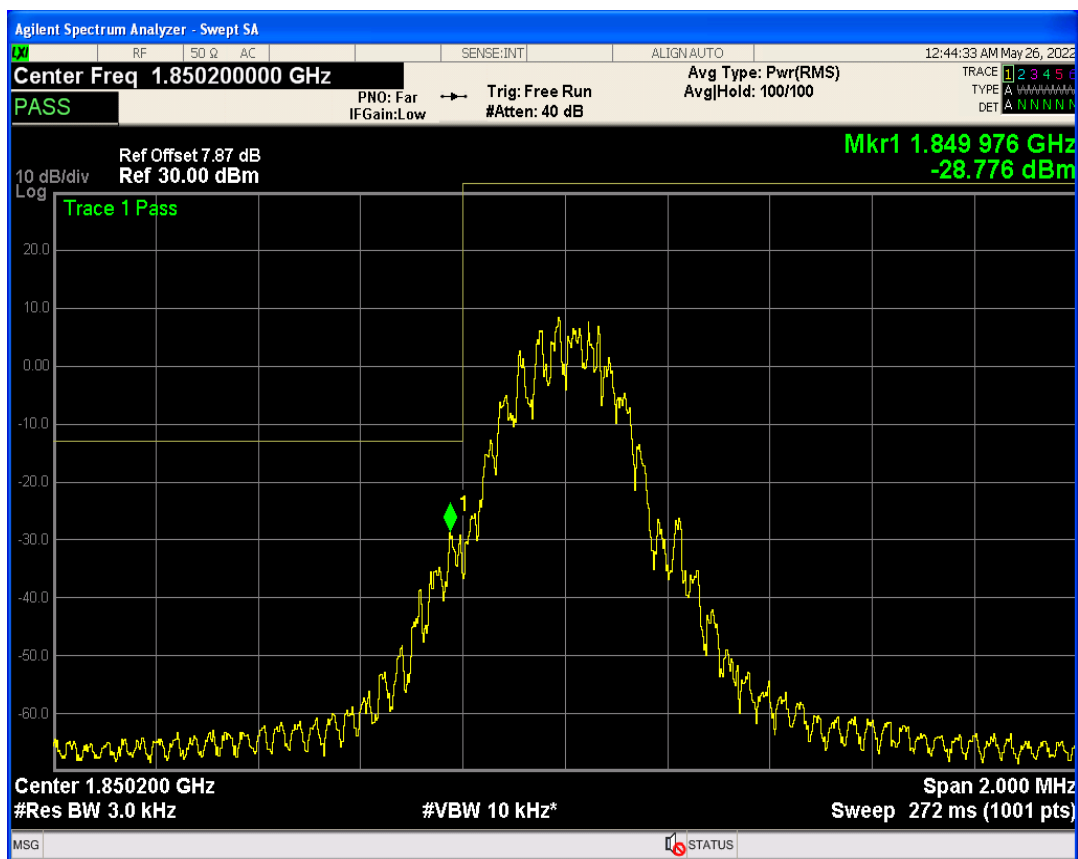
05 Band edge

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
GSM1900	512	1850.2	1849.98	-28.77	-13	PASS
GSM1900	810	1909.8	1910.02	-27.22	-13	PASS
GSM850	128	824.2	824.00	-23.81	-13	PASS
GSM850	251	848.8	849.02	-25.96	-13	PASS

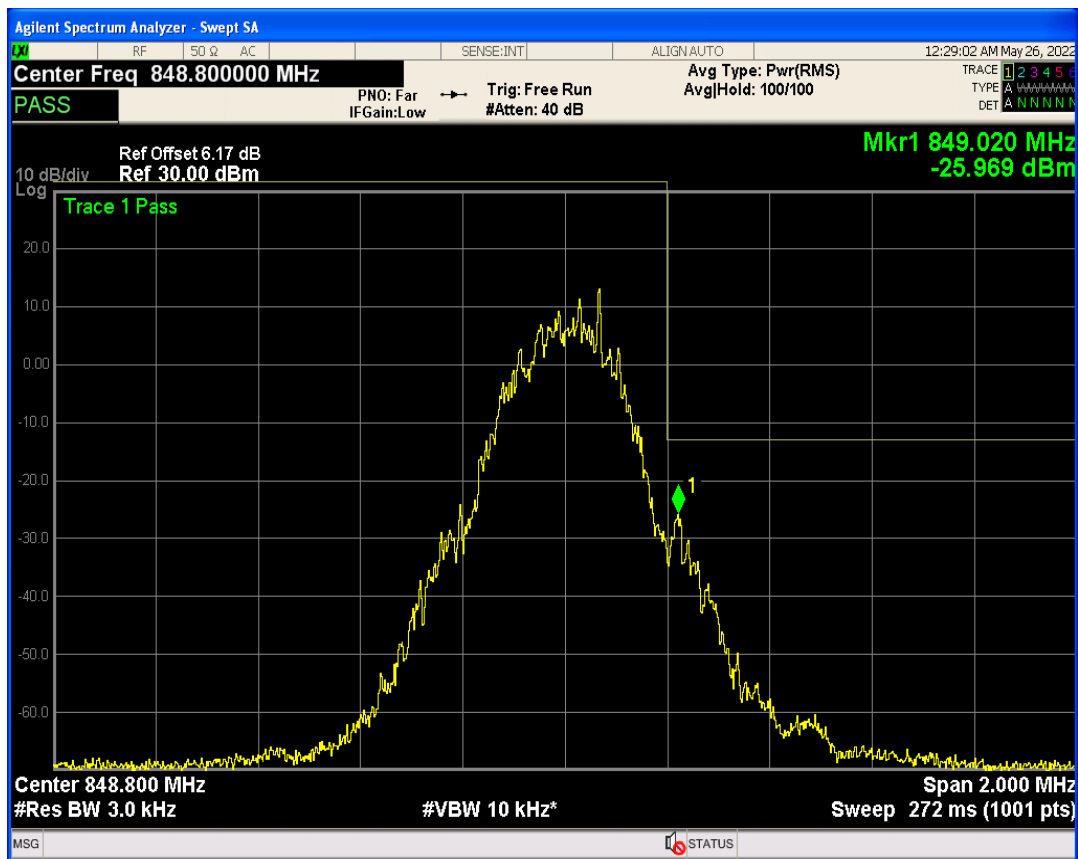
GSM1900 Channel=810



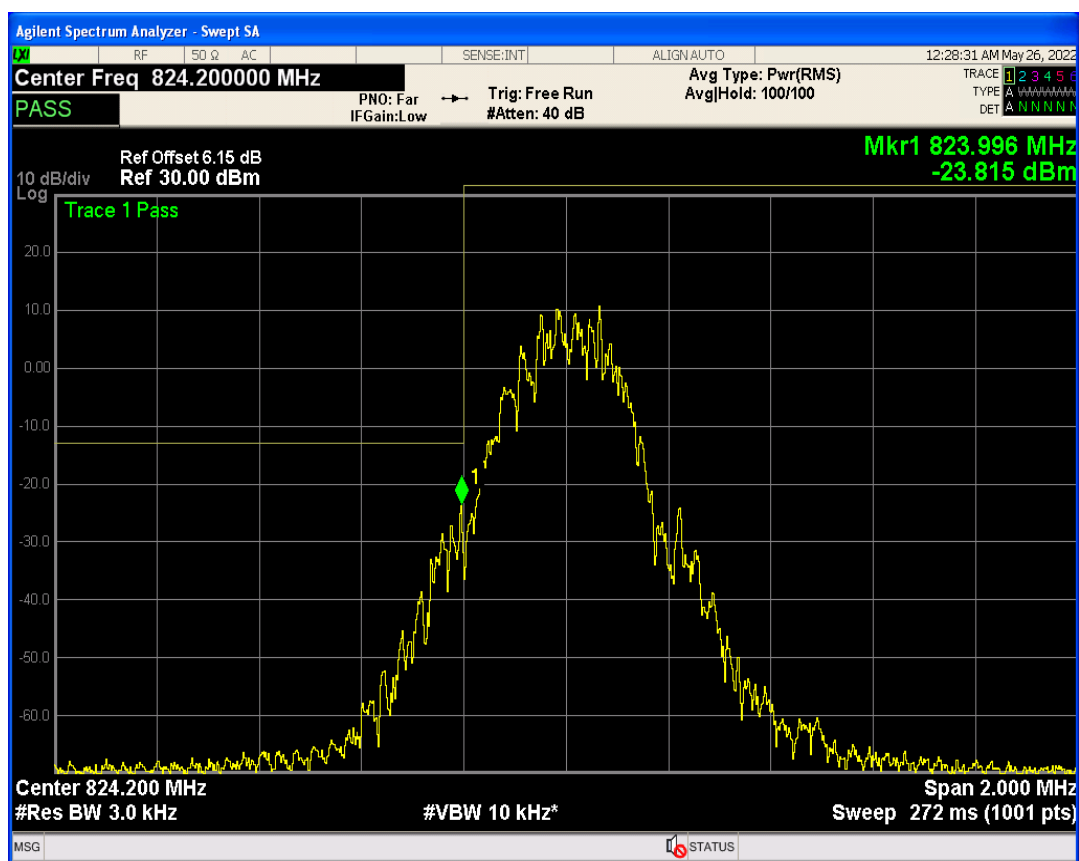
GSM1900 Channel=512



GSM850 Channel=251



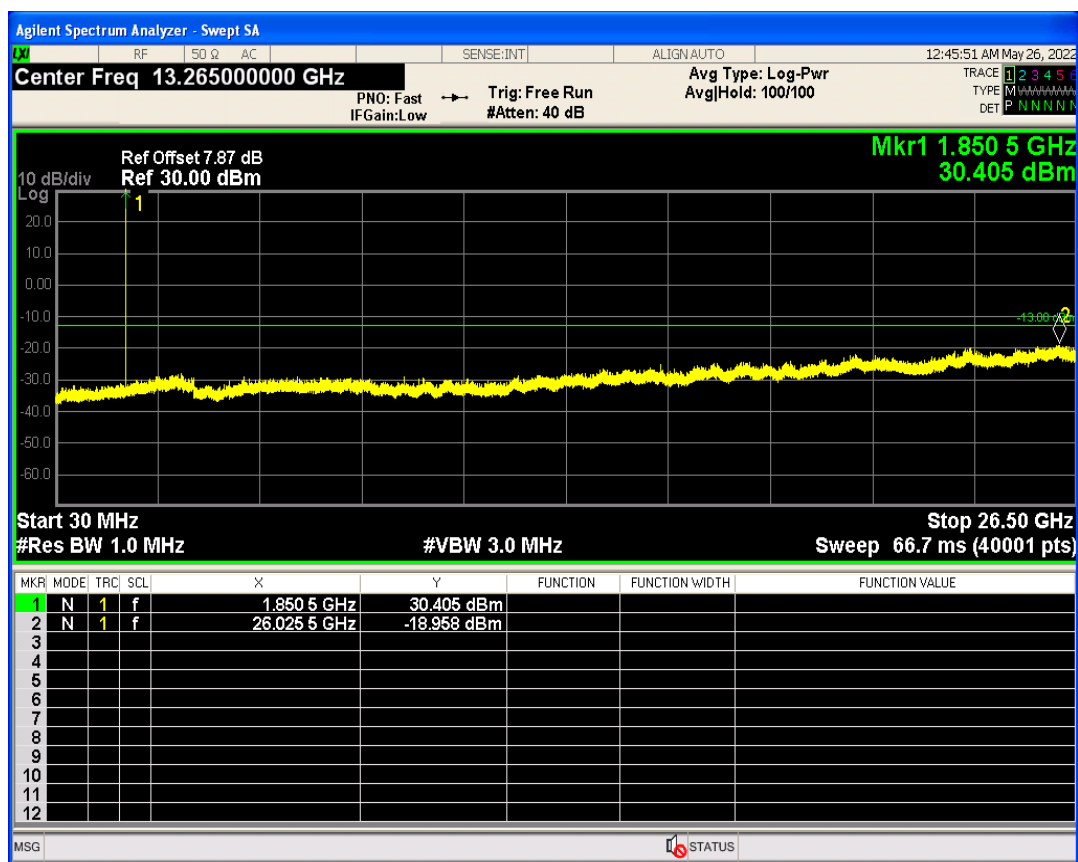
GSM850 Channel=128



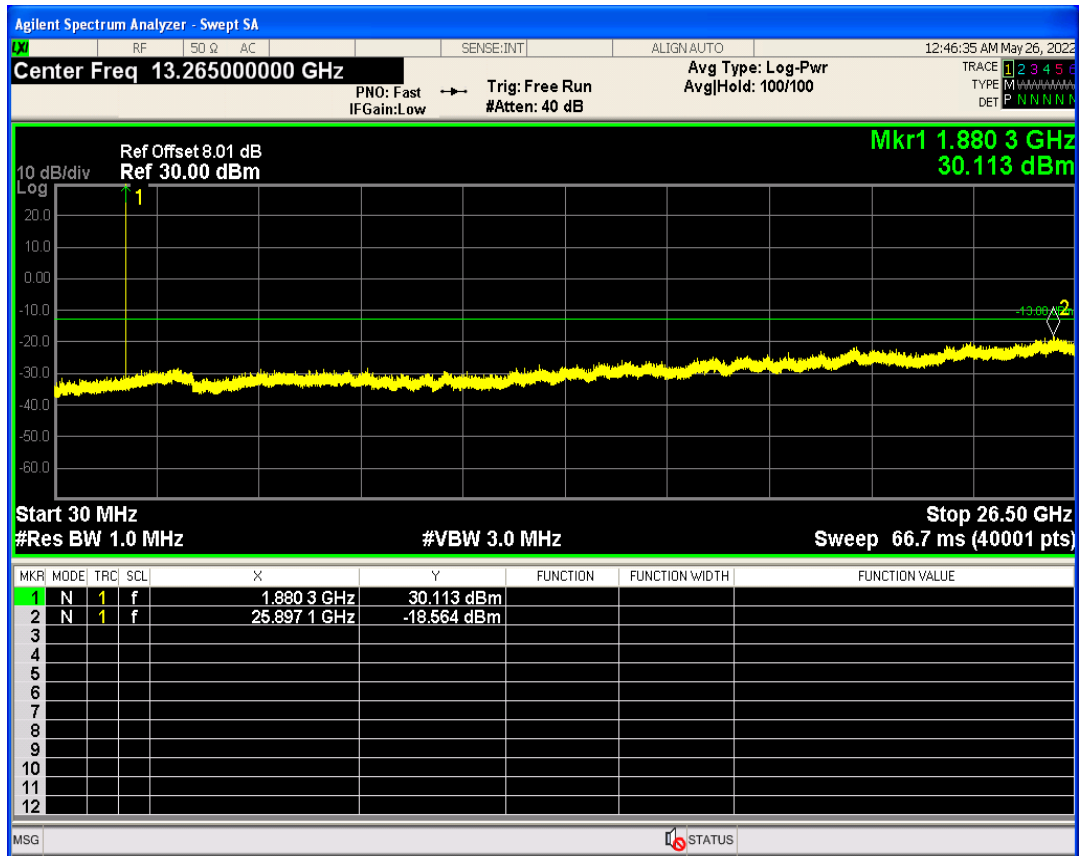
06 Out-of-band emissions

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
GSM1900	512	1850.2	26025.53	-18.95	-13	PASS
GSM1900	661	1880	25897.15	-18.56	-13	PASS
GSM1900	810	1909.8	26017.58	-18.45	-13	PASS
GSM850	128	824.2	25359.80	-20.51	-13	PASS
GSM850	189	836.4	25990.45	-19.86	-13	PASS
GSM850	251	848.8	26041.41	-19.40	-13	PASS

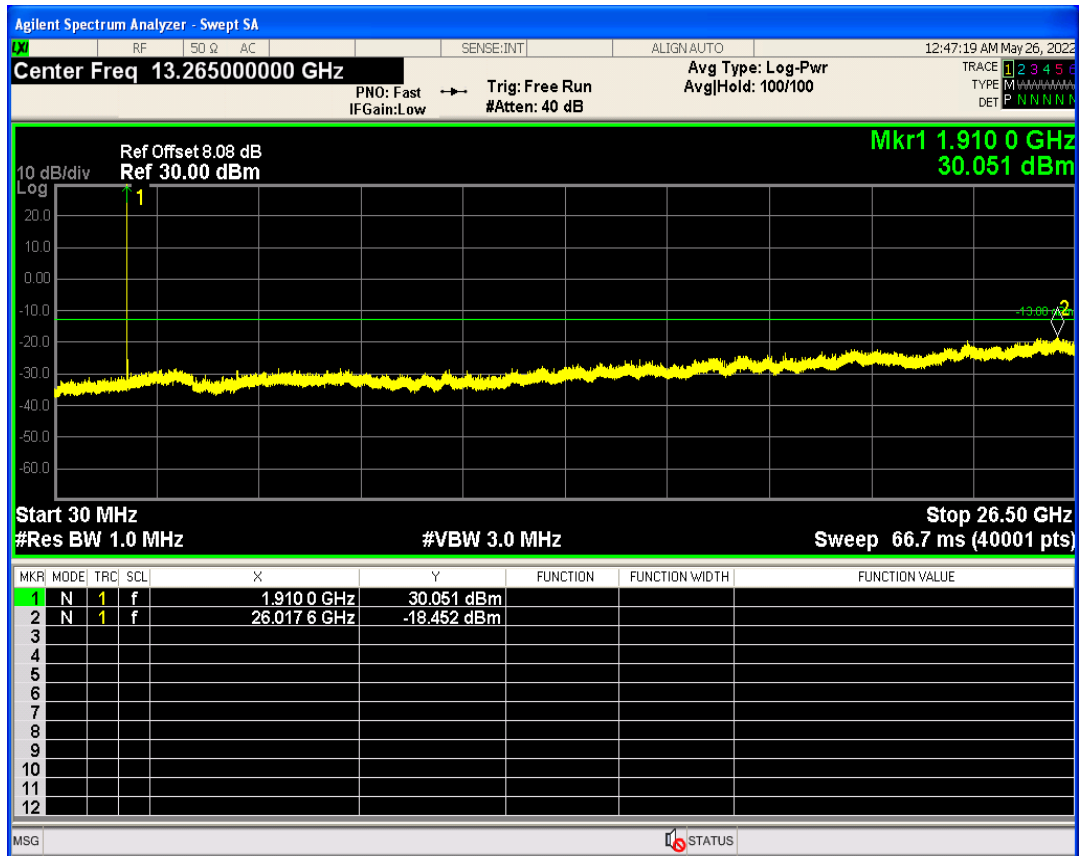
GSM1900 Channel=512



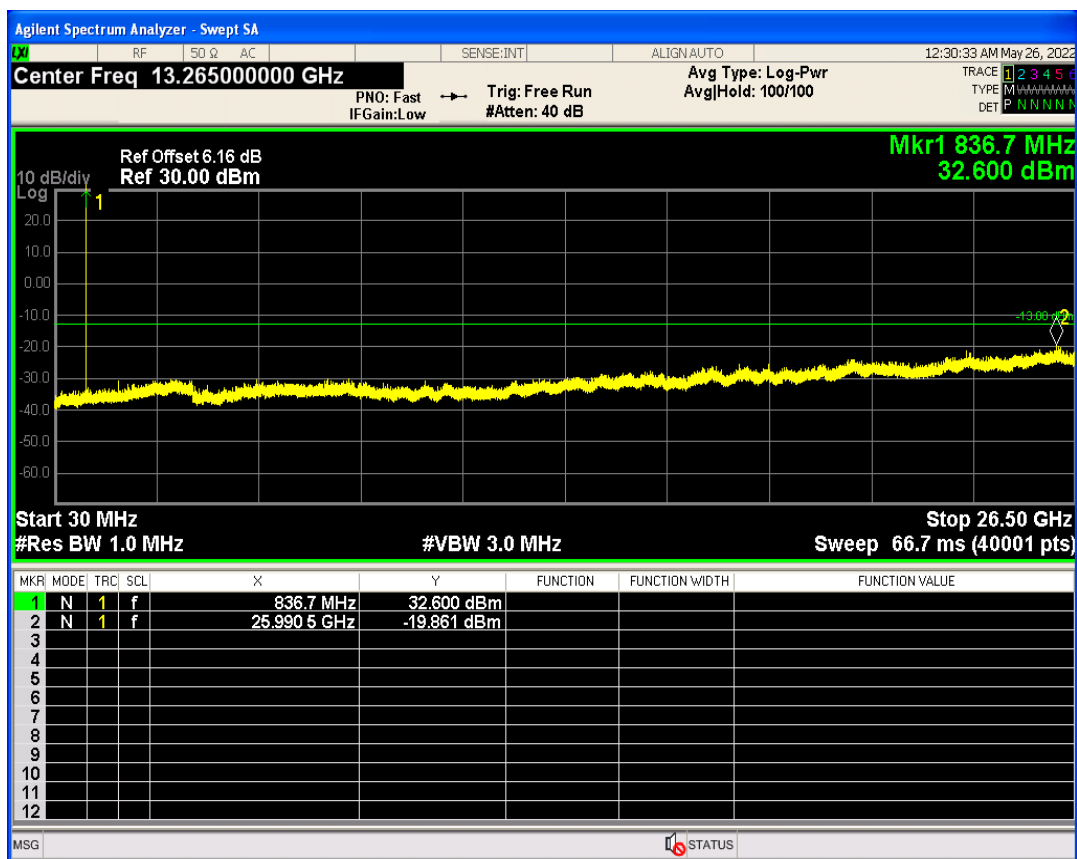
GSM1900 Channel=661



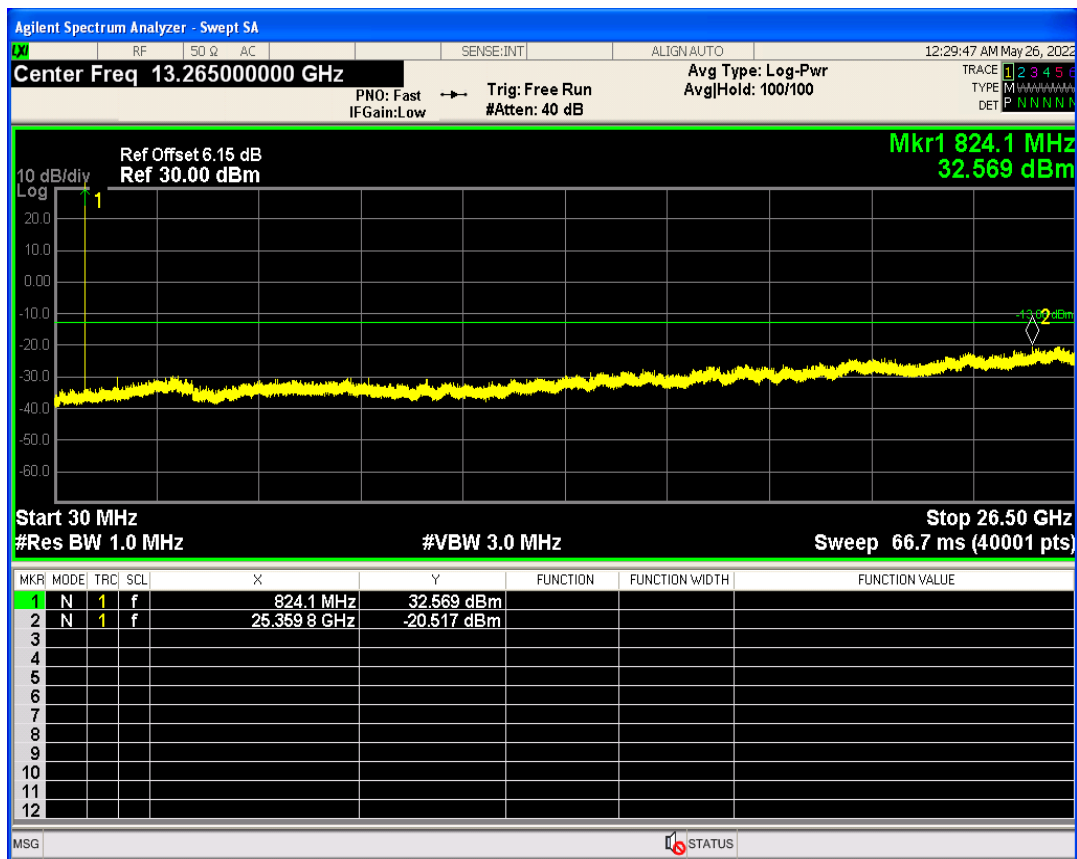
GSM1900 Channel=810



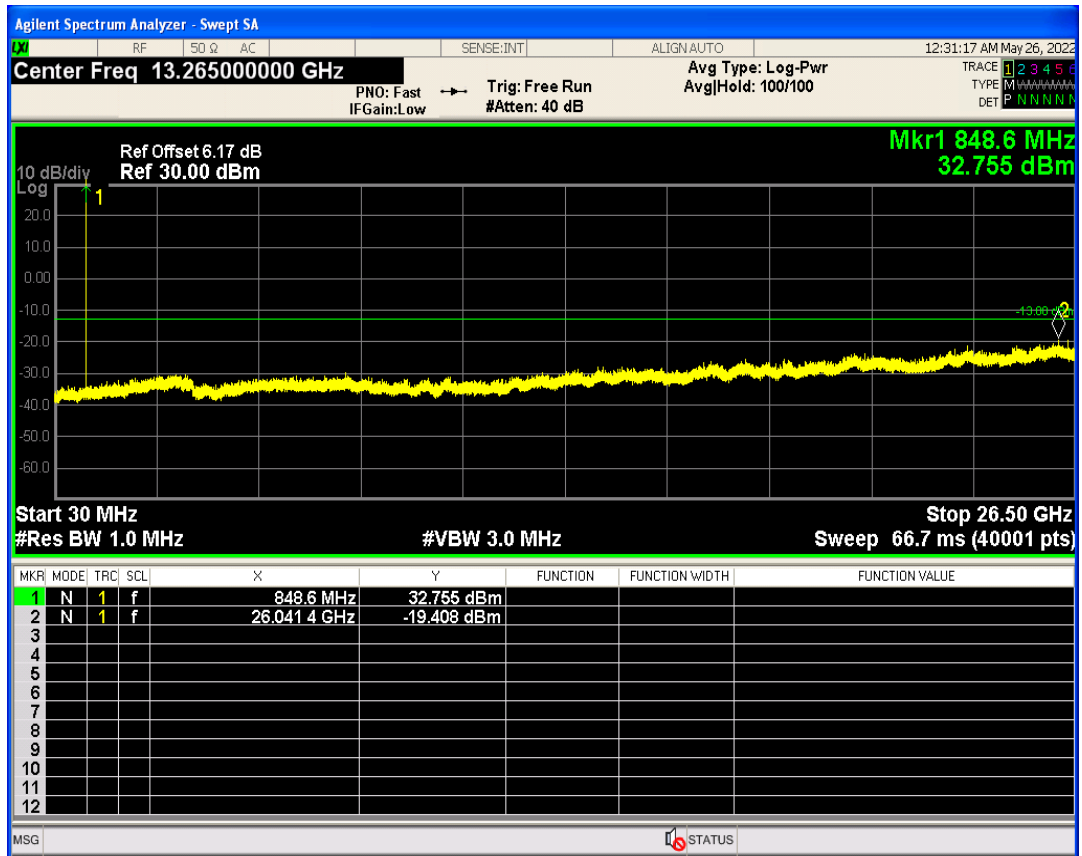
GSM850 Channel=189



GSM850 Channel=128



GSM850 Channel=251



3G

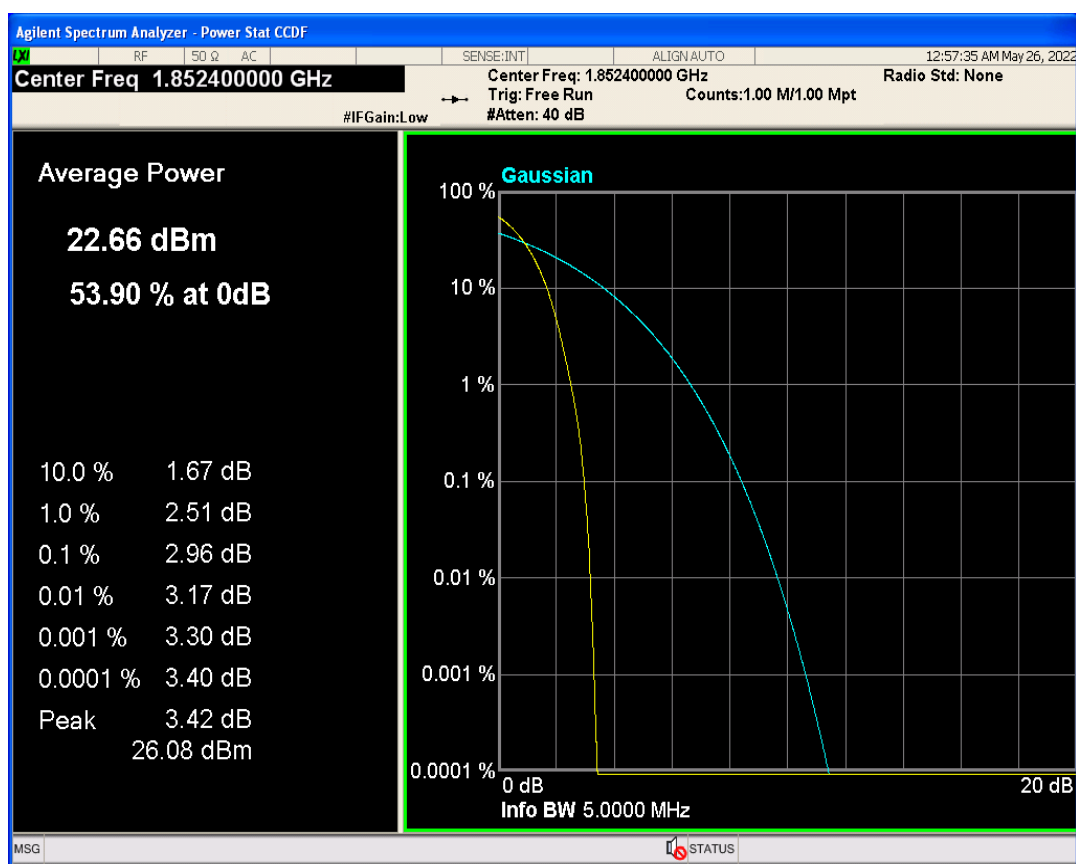
01 Conducted output power

Band	Channel	Frequency (MHz)	Power (dBm)	Verdict
WCDMA Band2	9262	1852.4	22.03	PASS
WCDMA Band2	9400	1880	21.94	PASS
WCDMA Band2	9538	1907.6	21.82	PASS
WCDMA Band5	4132	826.4	21.85	PASS
WCDMA Band5	4182	836.4	21.95	PASS
WCDMA Band5	4233	846.6	21.95	PASS

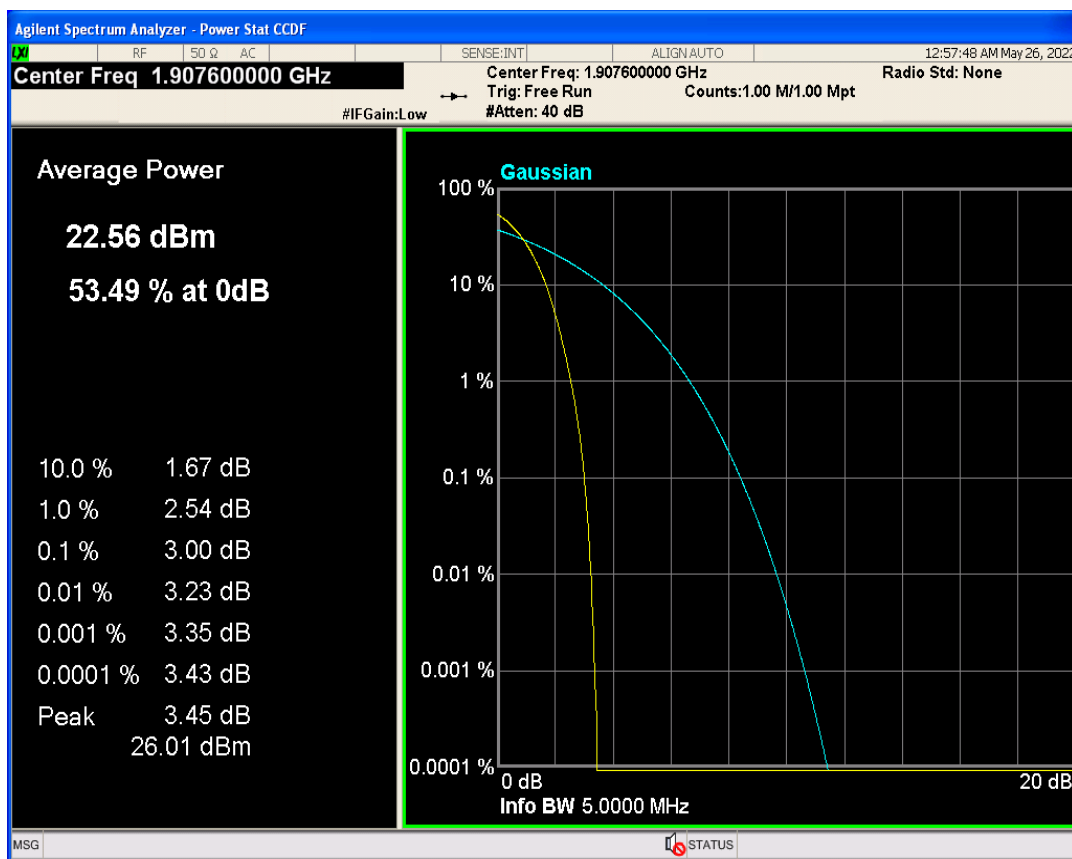
03 Peak-to-Average Ratio

Band	Channel	Frequency (MHz)	Result (dB)	high Limit (dB)	Verdict
WCDMA Band2	9262	1852.4	2.96	13	PASS
WCDMA Band2	9400	1880	3.02	13	PASS
WCDMA Band2	9538	1907.6	3.00	13	PASS
WCDMA Band5	4132	826.4	2.87	13	PASS
WCDMA Band5	4182	836.4	2.85	13	PASS
WCDMA Band5	4233	846.6	2.90	13	PASS

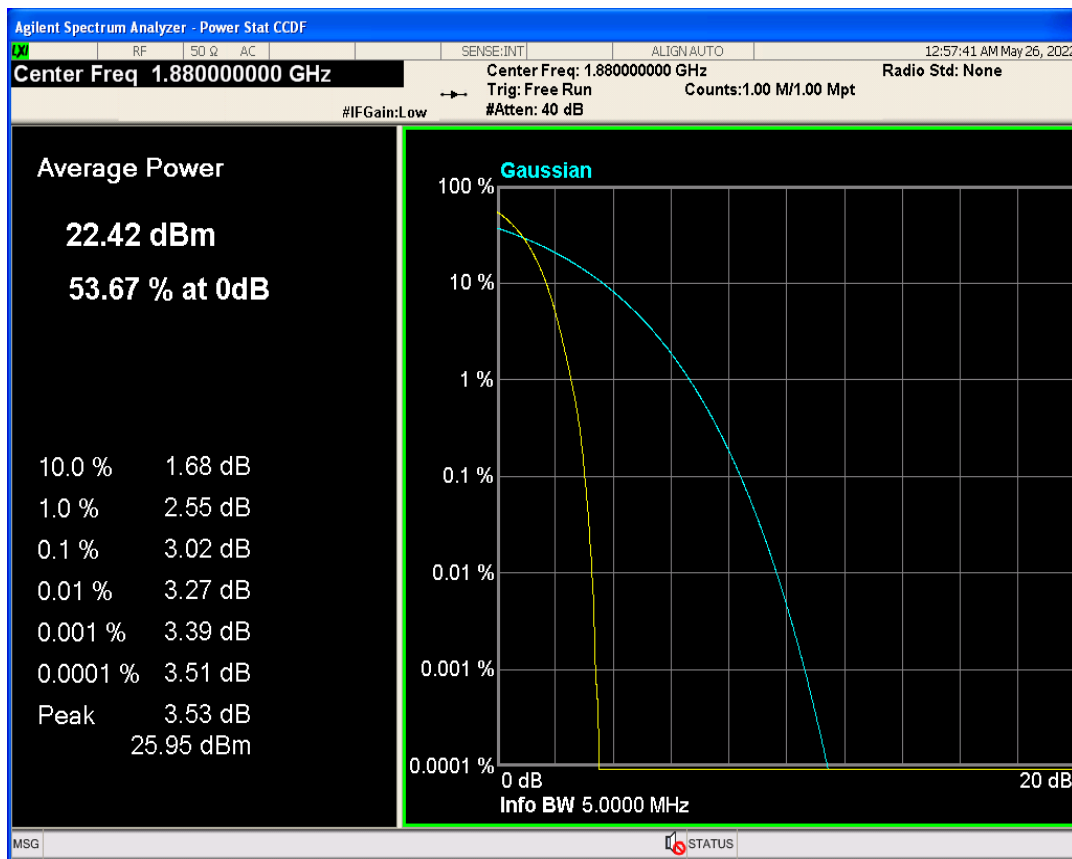
WCDMA Band2 Channel=9262



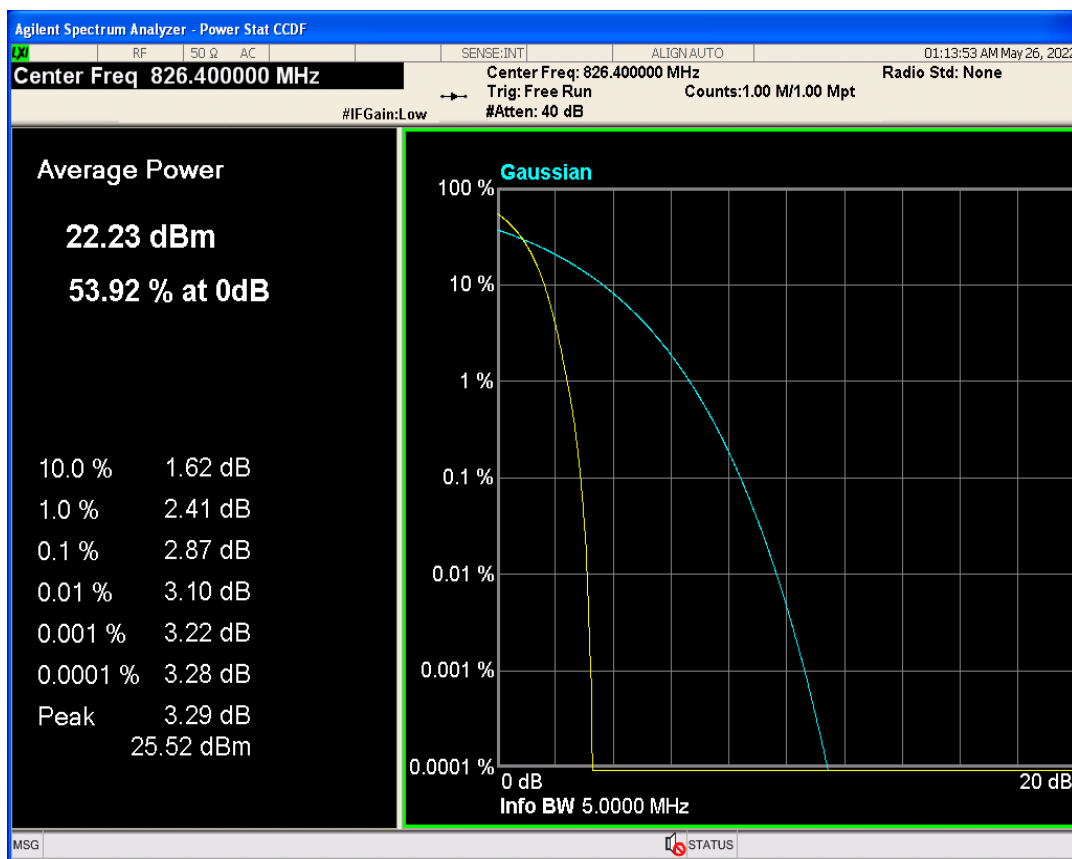
WCDMA Band2 Channel=9538



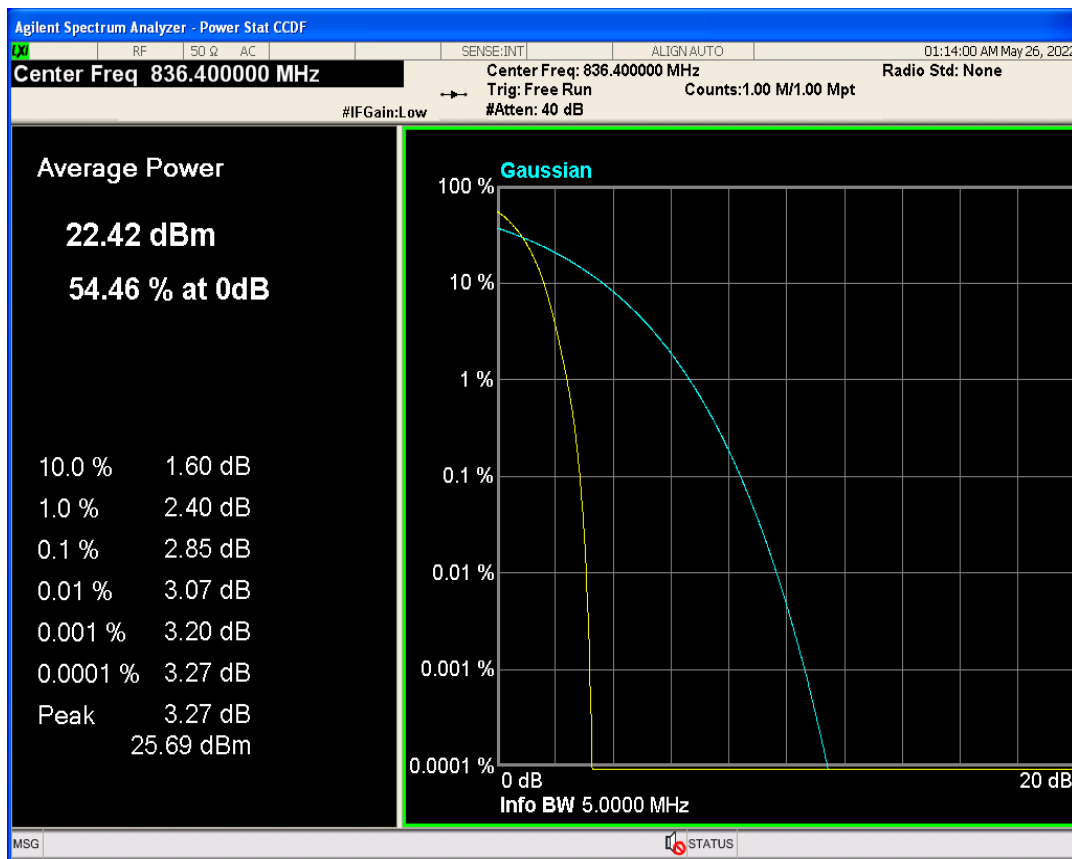
WCDMA Band2 Channel=9400



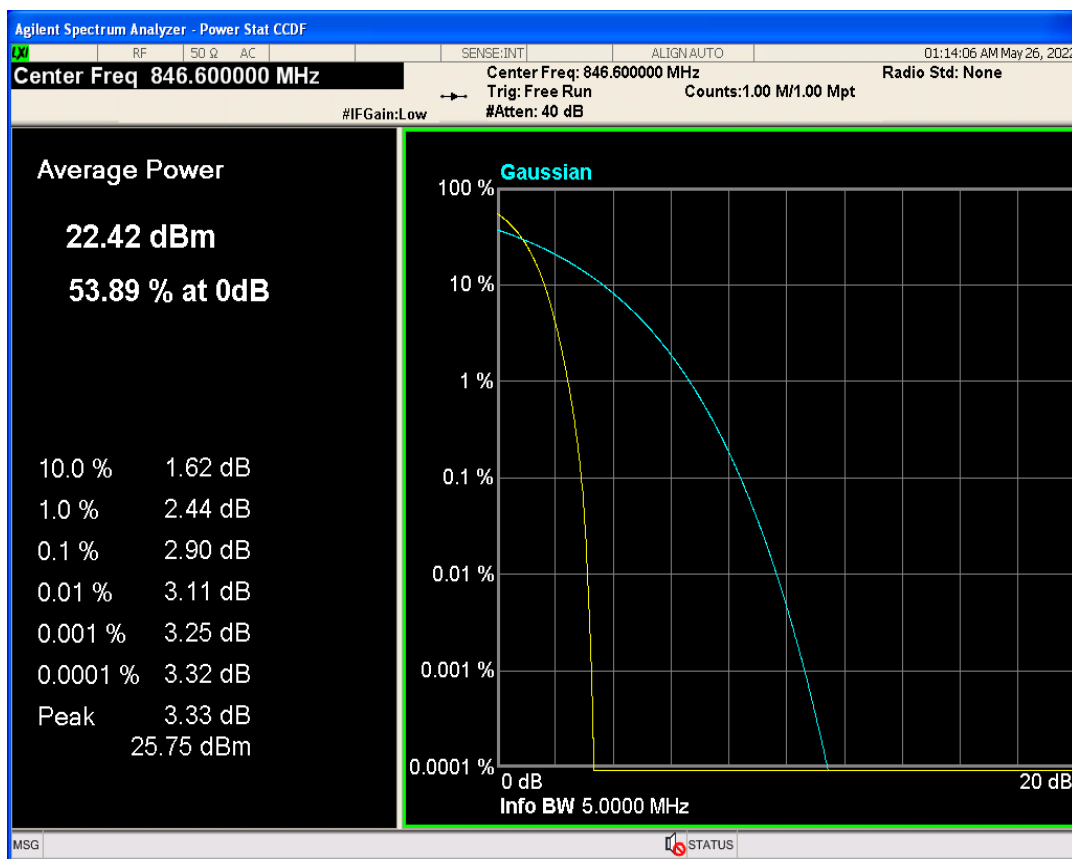
WCDMA Band5 Channel=4132



WCDMA Band5 Channel=4182



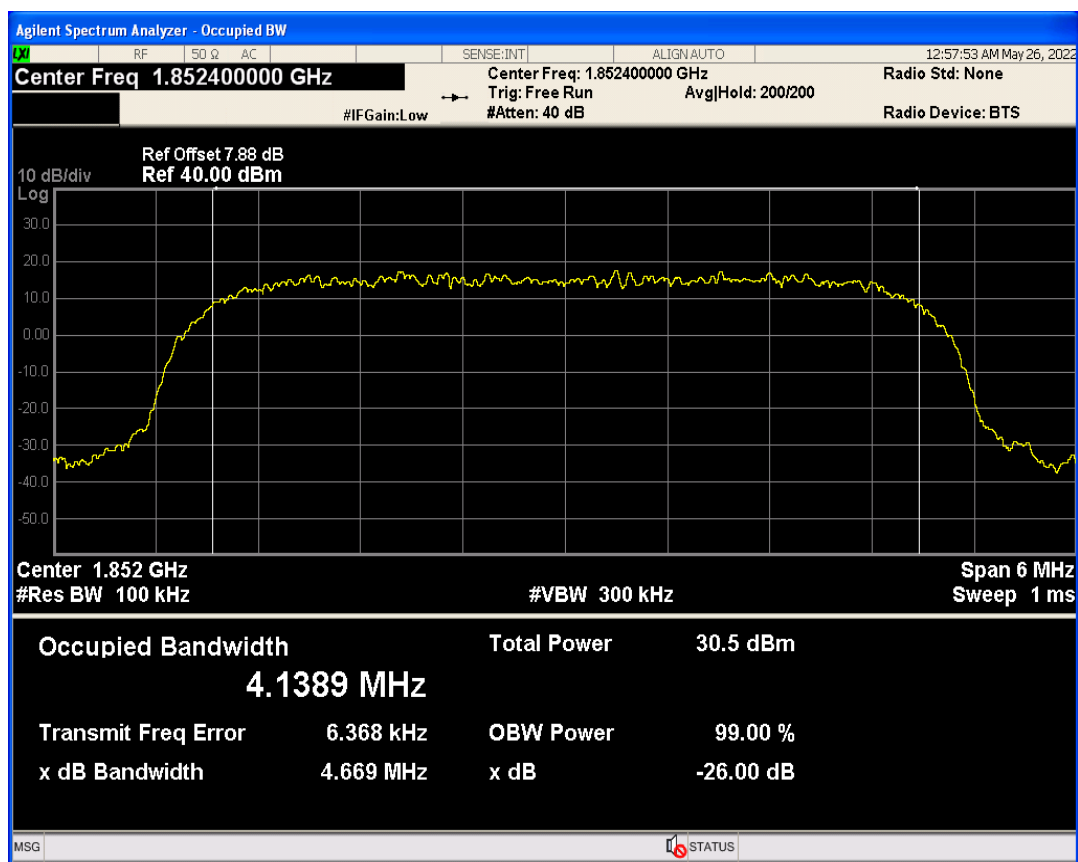
WCDMA Band5 Channel=4233



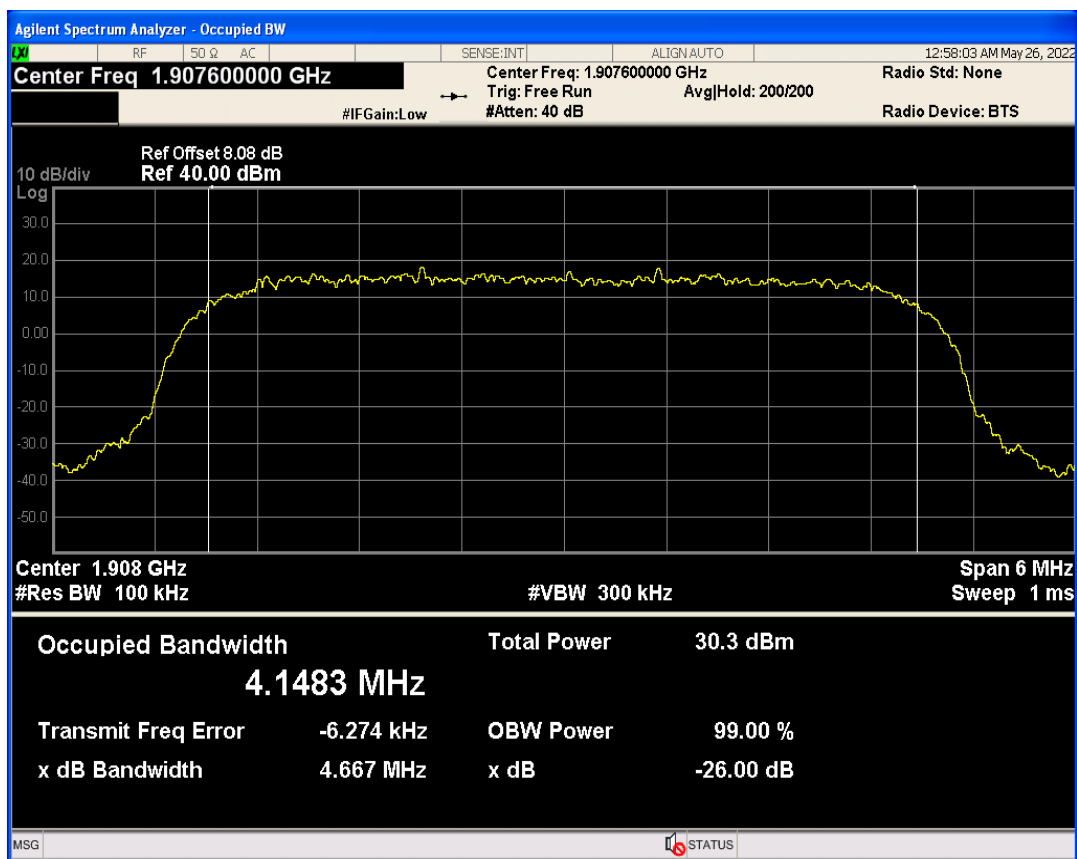
04 Occupied bandwidth

Band	Channel	Frequency (MHz)	99% OBW (kHz)	-26dB EBW (kHz)	Verdict
WCDMA Band2	9262	1852.4	4138.889	4669.195	PASS
WCDMA Band2	9400	1880	4160.567	4681.395	PASS
WCDMA Band2	9538	1907.6	4148.330	4667.166	PASS
WCDMA Band5	4132	826.4	4162.589	4692.717	PASS
WCDMA Band5	4182	836.4	4176.708	4680.557	PASS
WCDMA Band5	4233	846.6	4168.446	4700.044	PASS

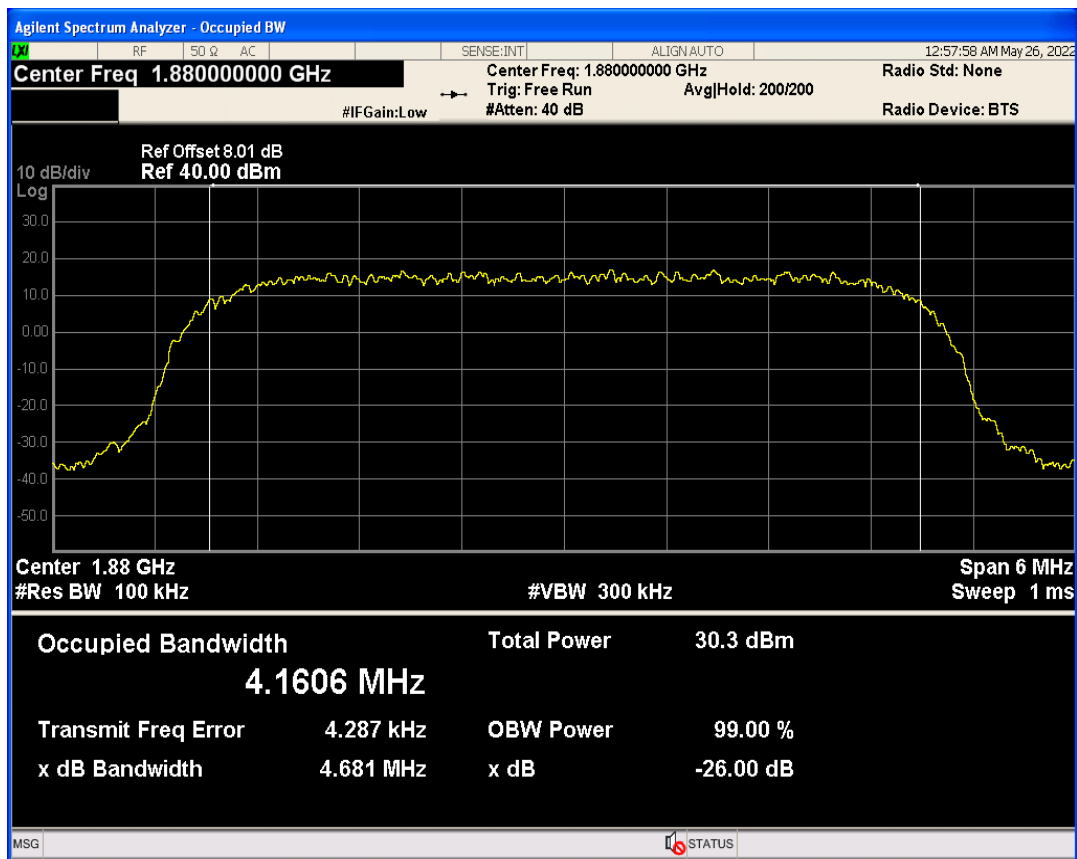
WCDMA Band2 Channel=9262



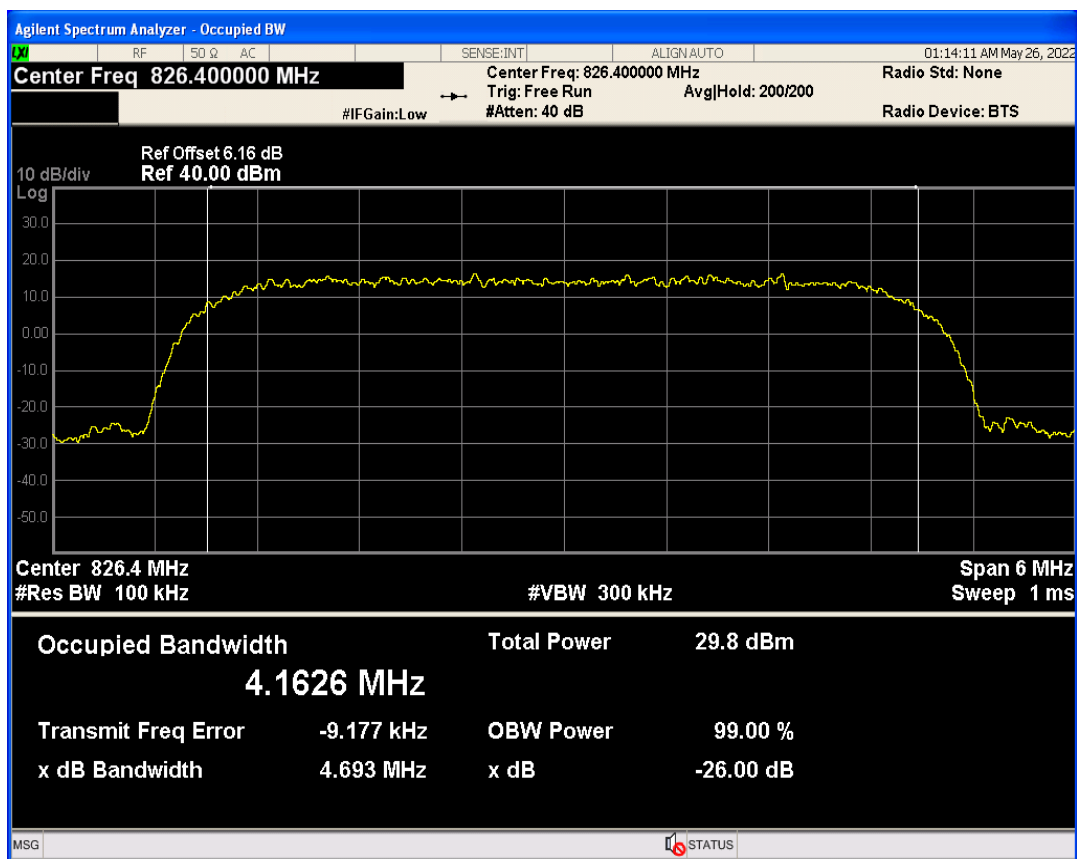
WCDMA Band2 Channel=9538



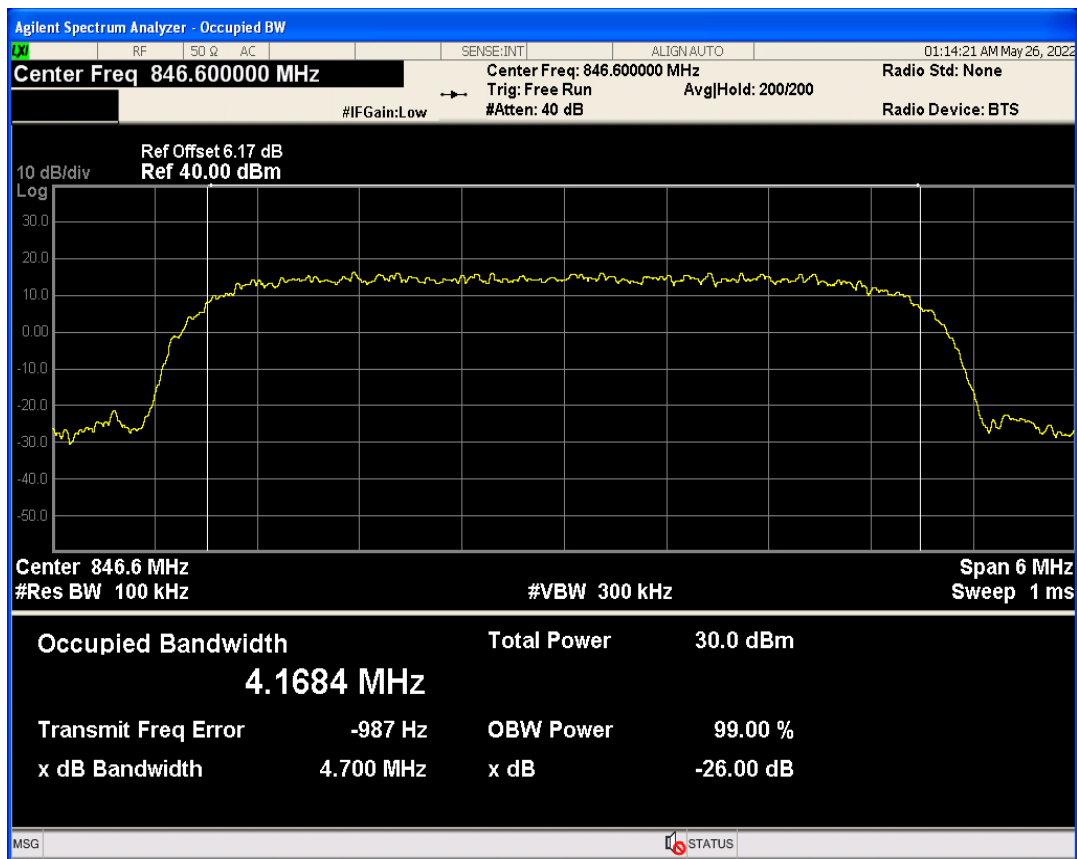
WCDMA Band2 Channel=9400



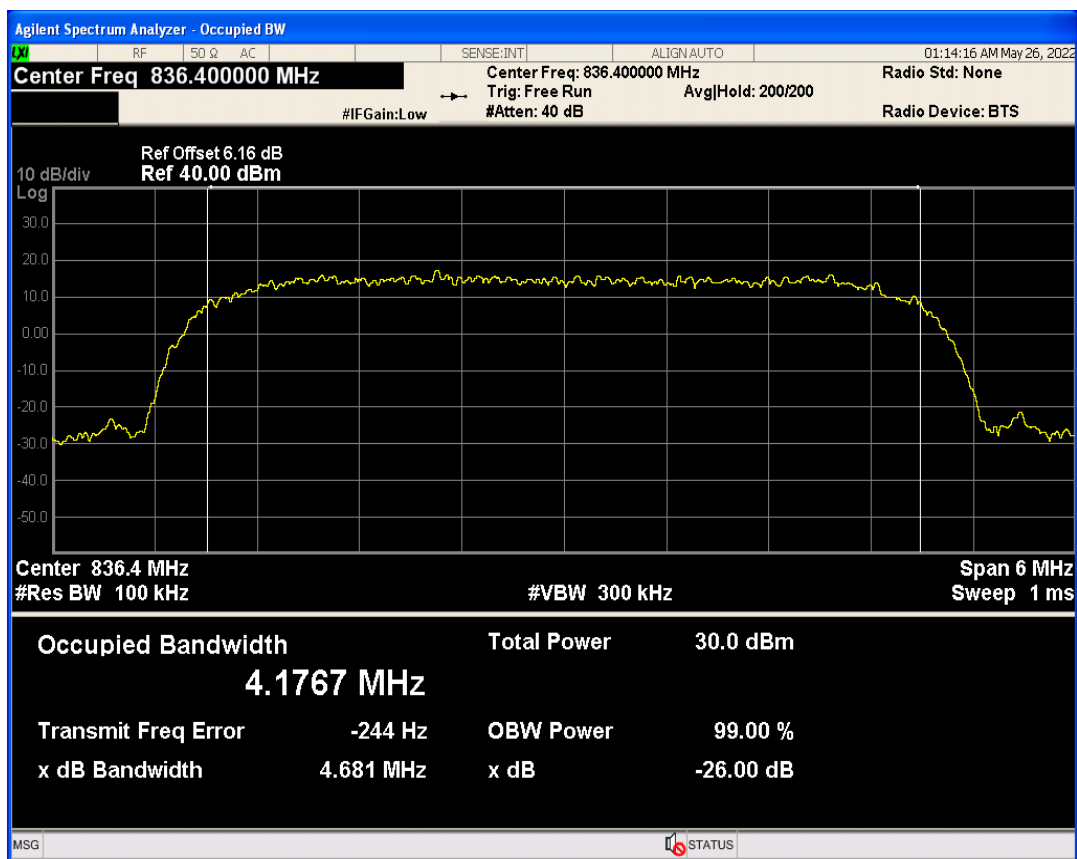
WCDMA Band5 Channel=4132



WCDMA Band5 Channel=4233



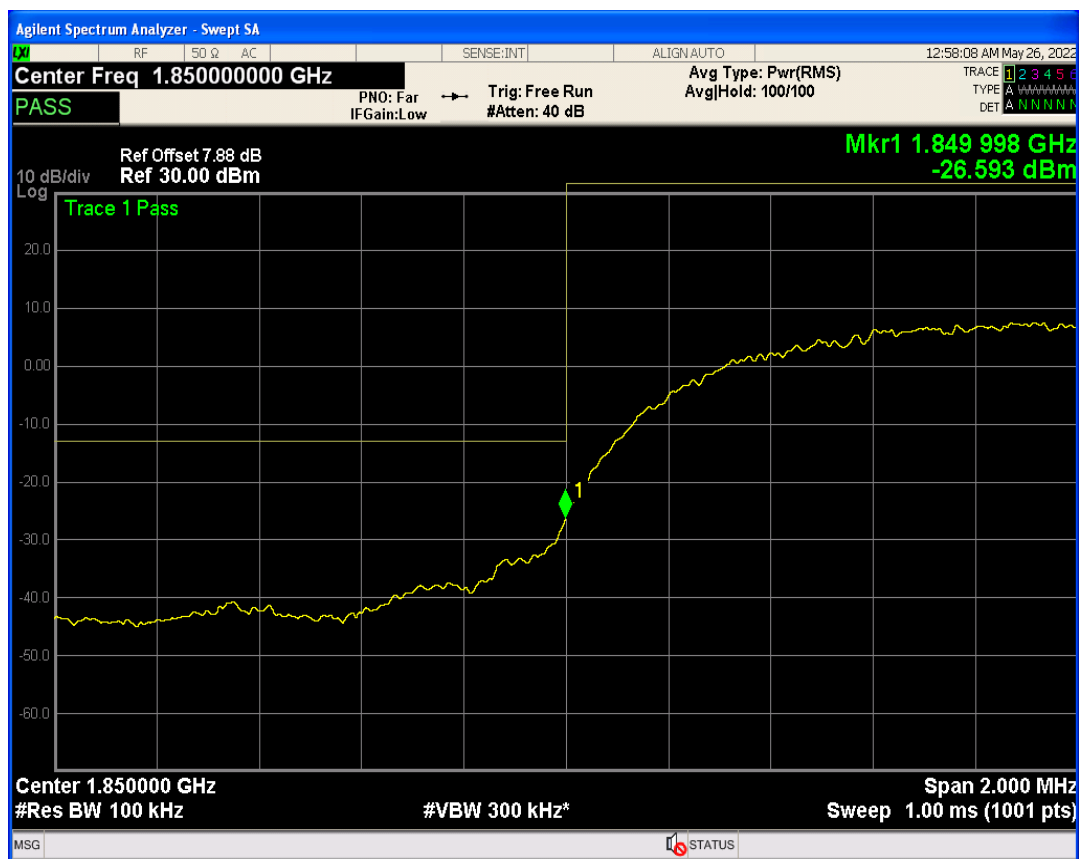
WCDMA Band5 Channel=4182



05 Band edge

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
WCDMA Band2	9262	1852.4	1850.00	-26.59	-13	PASS
WCDMA Band2	9538	1907.6	1910.00	-26.93	-13	PASS
WCDMA Band5	4233	846.6	849.00	-24.38	-13	PASS

WCDMA Band2 Channel=9262



WCDMA Band2 Channel=9538



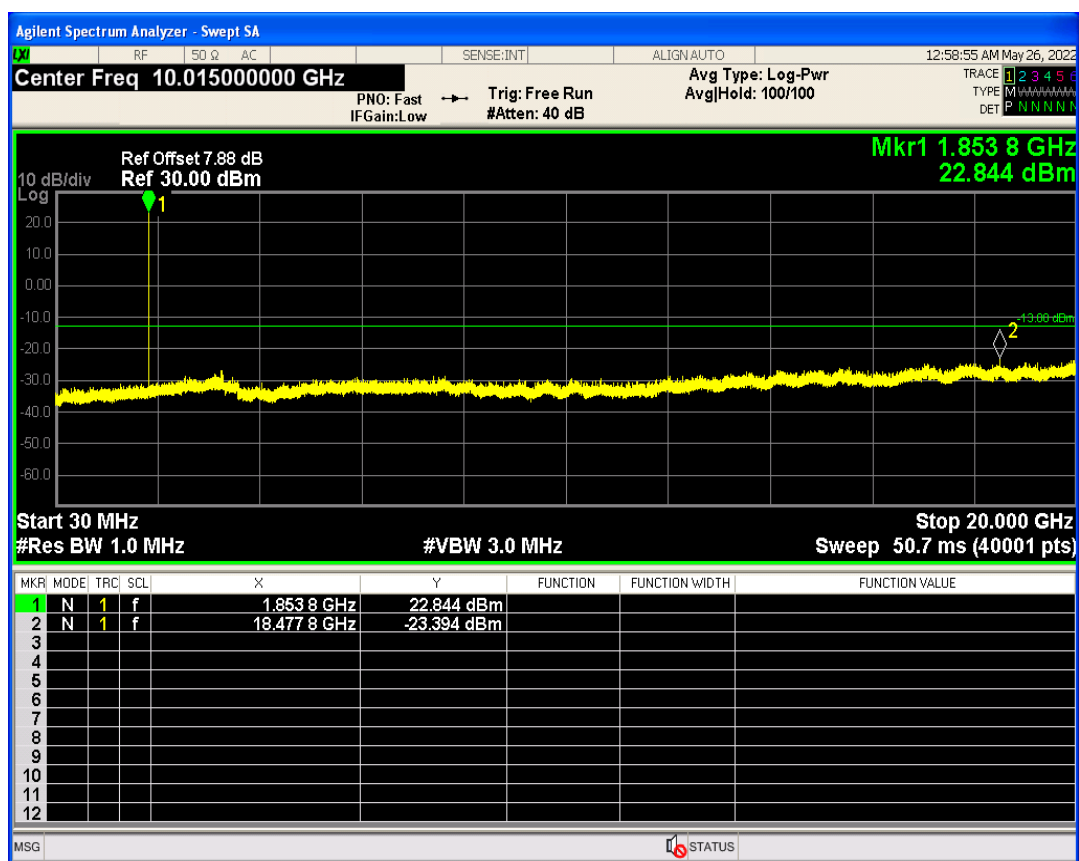
WCDMA Band5 Channel=4233



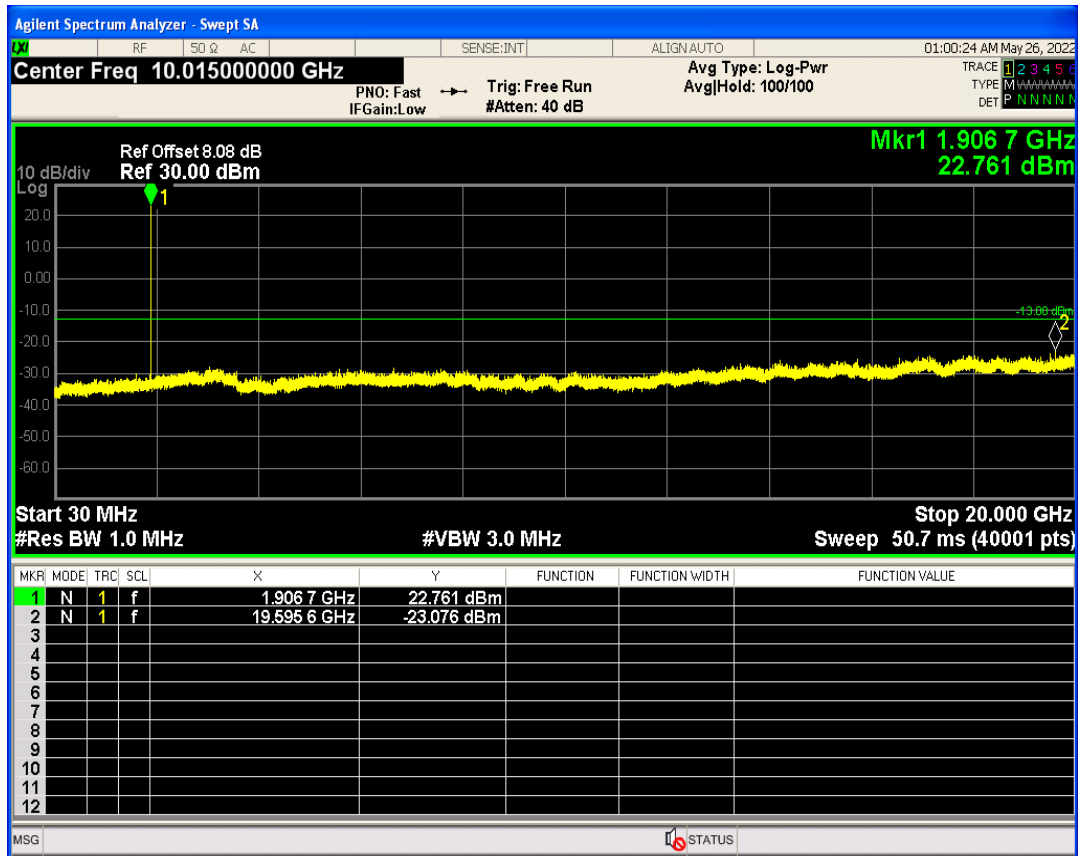
06 Out-of-band emissions

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
WCDMA Band2	9262	1852.4	18477.79	-23.39	-13	PASS
WCDMA Band2	9400	1880	19957.56	-22.95	-13	PASS
WCDMA Band2	9538	1907.6	19595.61	-23.07	-13	PASS
WCDMA Band5	4132	826.4	3280.22	-30.26	-13	PASS
WCDMA Band5	4182	836.4	3266.51	-29.43	-13	PASS
WCDMA Band5	4233	846.6	6263.24	-29.80	-13	PASS

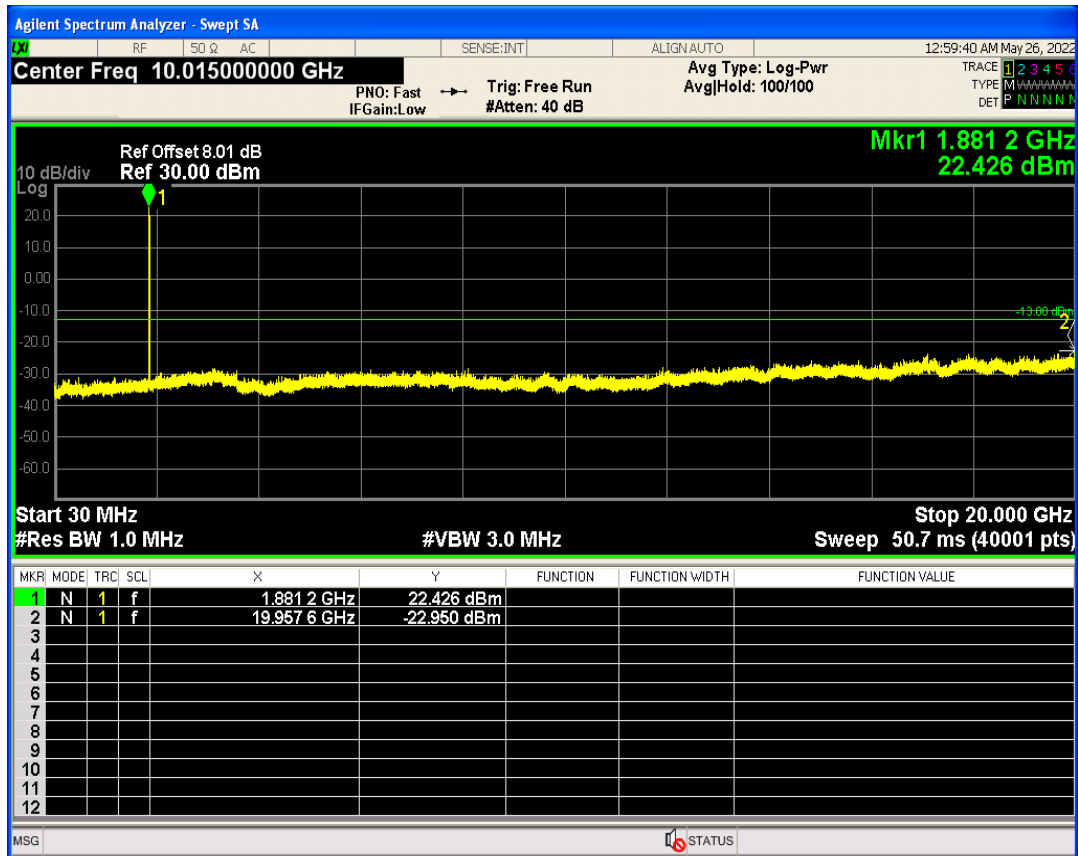
WCDMA Band2 Channel=9262



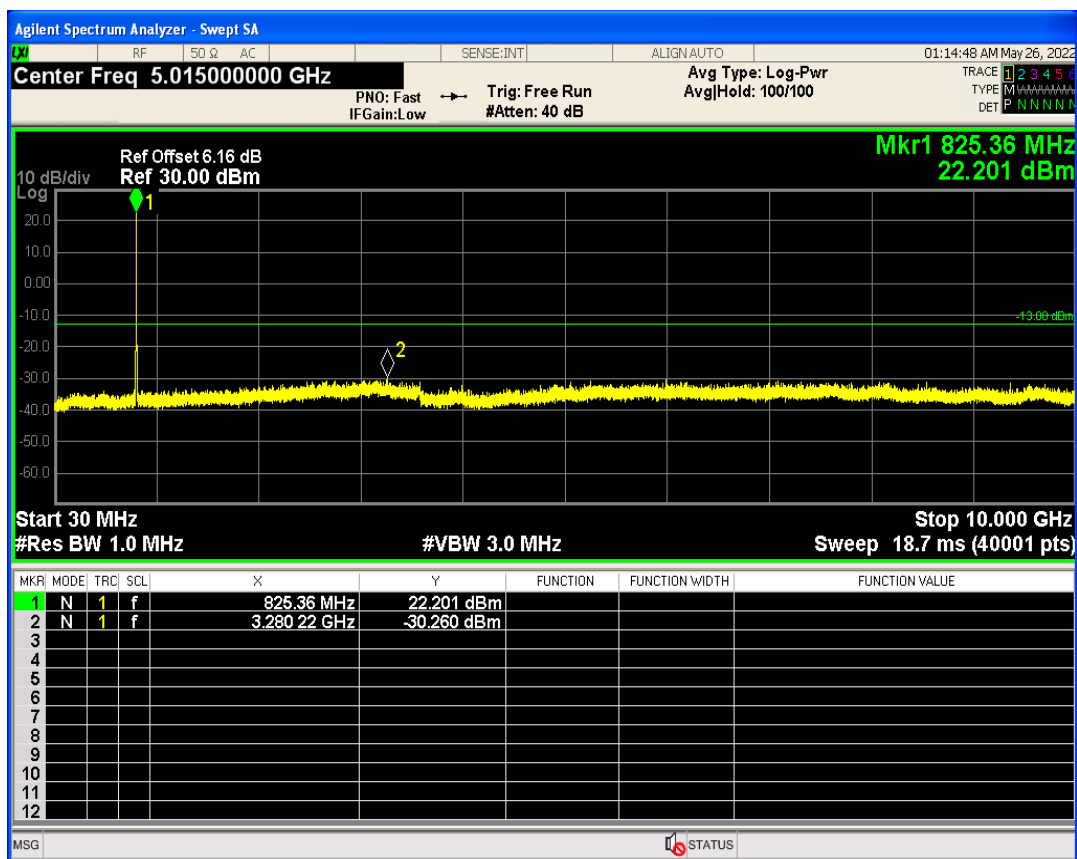
WCDMA Band2 Channel=9538



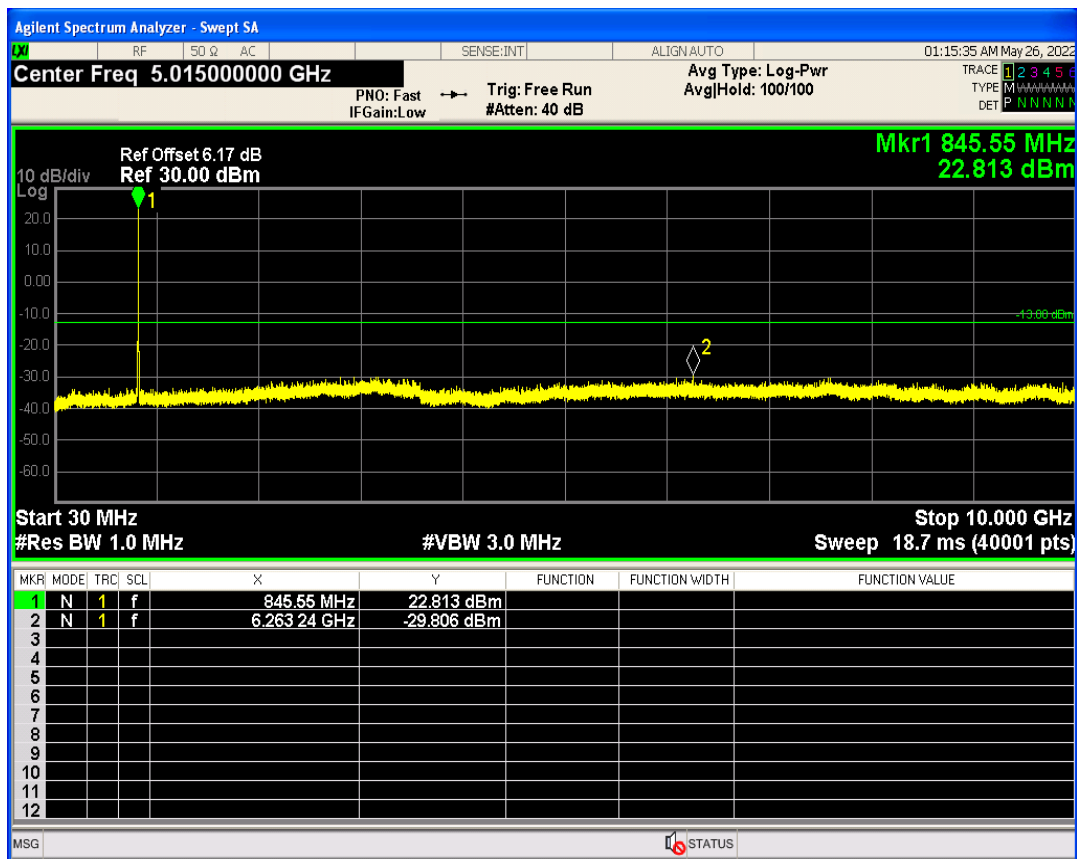
WCDMA Band2 Channel=9400



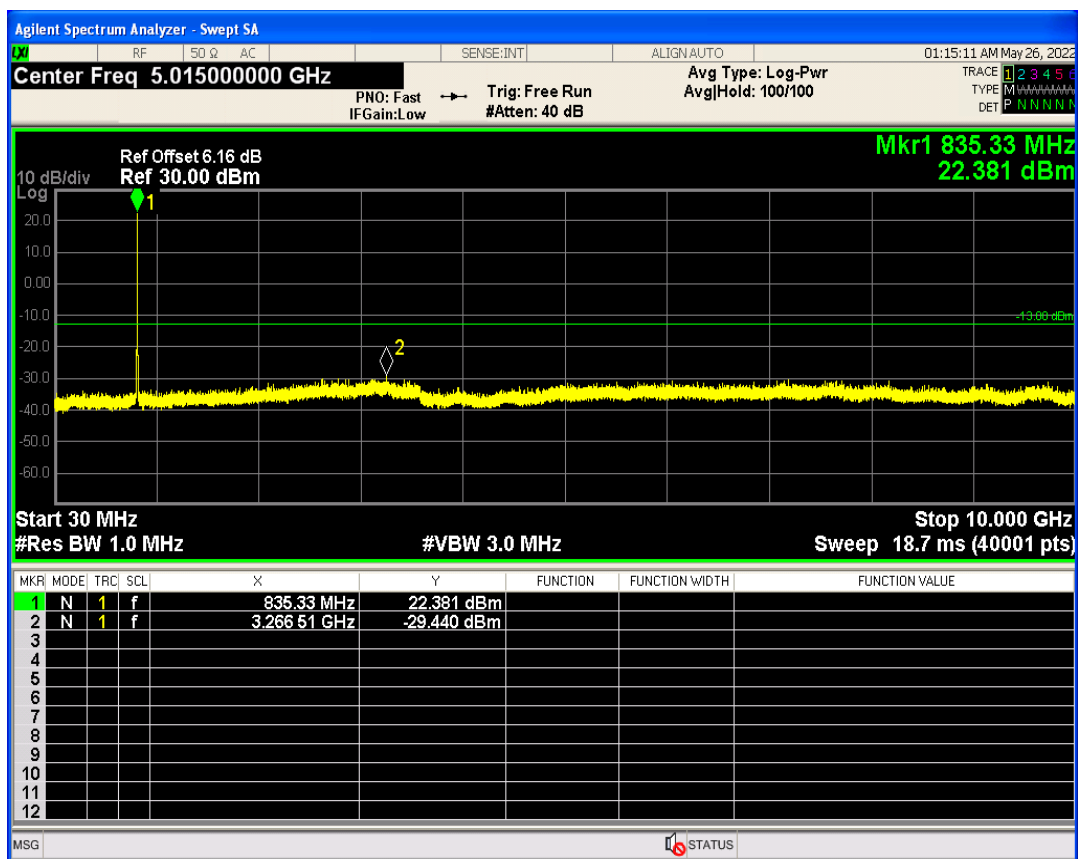
WCDMA Band5 Channel=4132



WCDMA Band5 Channel=4233



WCDMA Band5 Channel=4182



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	21.55	PASS
HSDPA Band2 Subtest3	9262	1852.4	21.04	PASS
HSDPA Band2 Subtest4	9262	1852.4	20.96	PASS
HSDPA Band2 Subtest1	9400	1880	21.33	PASS
HSDPA Band2 Subtest2	9400	1880	21.12	PASS
HSDPA Band2 Subtest3	9400	1880	20.71	PASS
HSDPA Band2 Subtest4	9400	1880	20.43	PASS
HSDPA Band2 Subtest1	9538	1907.6	21.60	PASS
HSDPA Band2 Subtest2	9538	1907.6	21.44	PASS
HSDPA Band2 Subtest3	9538	1907.6	21.17	PASS
HSDPA Band2 Subtest4	9538	1907.6	20.98	PASS
HSDPA Band5 Subtest1	4132	826.4	21.39	PASS
HSDPA Band5 Subtest2	4132	826.4	21.14	PASS
HSDPA Band5 Subtest3	4132	826.4	20.81	PASS
HSDPA Band5 Subtest4	4132	826.4	20.79	PASS
HSDPA Band5 Subtest1	4182	836.4	21.68	PASS
HSDPA Band5 Subtest2	4182	836.4	21.47	PASS
HSDPA Band5 Subtest3	4182	836.4	21.12	PASS
HSDPA Band5 Subtest4	4182	836.4	21.07	PASS
HSDPA Band5 Subtest1	4233	846.6	21.31	PASS
HSDPA Band5 Subtest2	4233	846.6	21.15	PASS
HSDPA Band5 Subtest3	4233	846.6	20.59	PASS
HSDPA Band5 Subtest4	4233	846.6	20.44	PASS

13 Conducted output power

Band	Channel	Frequency (MHz)	Power (dBm)	Verdict
HSUPA Band2 Subtest1	9262	1852.4	21.74	PASS
HSUPA Band2 Subtest2	9262	1852.4	21.83	PASS
HSUPA Band2 Subtest3	9262	1852.4	21.36	PASS
HSUPA Band2 Subtest4	9262	1852.4	21.78	PASS
HSUPA Band2 Subtest5	9262	1852.4	21.54	PASS
HSUPA Band2 Subtest1	9400	1880	21.16	PASS
HSUPA Band2 Subtest2	9400	1880	21.33	PASS
HSUPA Band2 Subtest3	9400	1880	20.92	PASS
HSUPA Band2 Subtest4	9400	1880	21.32	PASS
HSUPA Band2 Subtest5	9400	1880	21.13	PASS
HSUPA Band2 Subtest1	9538	1907.6	21.29	PASS
HSUPA Band2 Subtest2	9538	1907.6	21.62	PASS
HSUPA Band2 Subtest3	9538	1907.6	21.17	PASS
HSUPA Band2 Subtest4	9538	1907.6	21.60	PASS
HSUPA Band2 Subtest5	9538	1907.6	21.23	PASS
HSUPA Band5 Subtest1	4132	826.4	21.43	PASS
HSUPA Band5 Subtest2	4132	826.4	21.40	PASS
HSUPA Band5 Subtest3	4132	826.4	21.23	PASS
HSUPA Band5 Subtest4	4132	826.4	21.33	PASS
HSUPA Band5 Subtest5	4132	826.4	21.25	PASS
HSUPA Band5 Subtest1	4182	836.4	21.64	PASS
HSUPA Band5 Subtest2	4182	836.4	21.73	PASS
HSUPA Band5 Subtest3	4182	836.4	21.43	PASS
HSUPA Band5 Subtest4	4182	836.4	21.73	PASS
HSUPA Band5 Subtest5	4182	836.4	21.55	PASS
HSUPA Band5 Subtest1	4233	846.6	21.21	PASS
HSUPA Band5 Subtest2	4233	846.6	21.31	PASS
HSUPA Band5 Subtest3	4233	846.6	20.79	PASS
HSUPA Band5 Subtest4	4233	846.6	21.31	PASS
HSUPA Band5 Subtest5	4233	846.6	20.93	PASS