

2G

01 Conducted output power

Band	Channel	Frequency (MHz)	Power (dBm)	Verdict
EGPRS1900 1 Slot	512	1850.2	29.13	PASS
EGPRS1900 1 Slot	661	1880	29.22	PASS
EGPRS1900 1 Slot	810	1909.8	28.94	PASS
EGPRS1900 2 Slot	512	1850.2	27.27	PASS
EGPRS1900 2 Slot	661	1880	27.07	PASS
EGPRS1900 2 Slot	810	1909.8	26.54	PASS
EGPRS1900 3 Slot	512	1850.2	25.47	PASS
EGPRS1900 3 Slot	661	1880	25.40	PASS
EGPRS1900 3 Slot	810	1909.8	24.94	PASS
EGPRS1900 4 Slot	512	1850.2	23.33	PASS
EGPRS1900 4 Slot	661	1880	23.41	PASS
EGPRS1900 4 Slot	810	1909.8	23.03	PASS
EGPRS850 1 Slot	128	824.2	29.81	PASS
EGPRS850 1 Slot	189	836.4	29.72	PASS
EGPRS850 1 Slot	251	848.8	29.82	PASS
EGPRS850 2 Slot	128	824.2	28.18	PASS
EGPRS850 2 Slot	189	836.4	28.04	PASS
EGPRS850 2 Slot	251	848.8	28.24	PASS
EGPRS850 3 Slot	128	824.2	26.23	PASS
EGPRS850 3 Slot	189	836.4	26.09	PASS
EGPRS850 3 Slot	251	848.8	26.28	PASS
EGPRS850 4 Slot	128	824.2	24.22	PASS
EGPRS850 4 Slot	189	836.4	24.11	PASS
EGPRS850 4 Slot	251	848.8	24.33	PASS
GPRS1900 1 Slot	512	1850.2	29.22	PASS
GPRS1900 1 Slot	661	1880	29.24	PASS
GPRS1900 1 Slot	810	1909.8	29.03	PASS
GPRS1900 2 Slot	512	1850.2	27.50	PASS
GPRS1900 2 Slot	661	1880	27.17	PASS
GPRS1900 2 Slot	810	1909.8	26.61	PASS
GPRS1900 3 Slot	512	1850.2	25.77	PASS
GPRS1900 3 Slot	661	1880	25.54	PASS
GPRS1900 3 Slot	810	1909.8	24.98	PASS
GPRS1900 4 Slot	512	1850.2	24.65	PASS
GPRS1900 4 Slot	661	1880	23.57	PASS
GPRS1900 4 Slot	810	1909.8	23.07	PASS
GPRS850 1 Slot	128	824.2	32.26	PASS
GPRS850 1 Slot	189	836.4	32.21	PASS
GPRS850 1 Slot	251	848.8	32.26	PASS
GPRS850 2 Slot	128	824.2	30.75	PASS
GPRS850 2 Slot	189	836.4	30.65	PASS

GPRS850 2 Slot	251	848.8	30.82	PASS
GPRS850 3 Slot	128	824.2	28.83	PASS
GPRS850 3 Slot	189	836.4	28.71	PASS
GPRS850 3 Slot	251	848.8	28.93	PASS
GPRS850 4 Slot	128	824.2	26.81	PASS
GPRS850 4 Slot	189	836.4	26.77	PASS
GPRS850 4 Slot	251	848.8	26.99	PASS
GSM1900	512	1850.2	29.17	PASS
GSM1900	661	1880	29.21	PASS
GSM1900	810	1909.8	28.98	PASS
GSM850	128	824.2	32.31	PASS
GSM850	189	836.4	32.24	PASS
GSM850	251	848.8	32.30	PASS

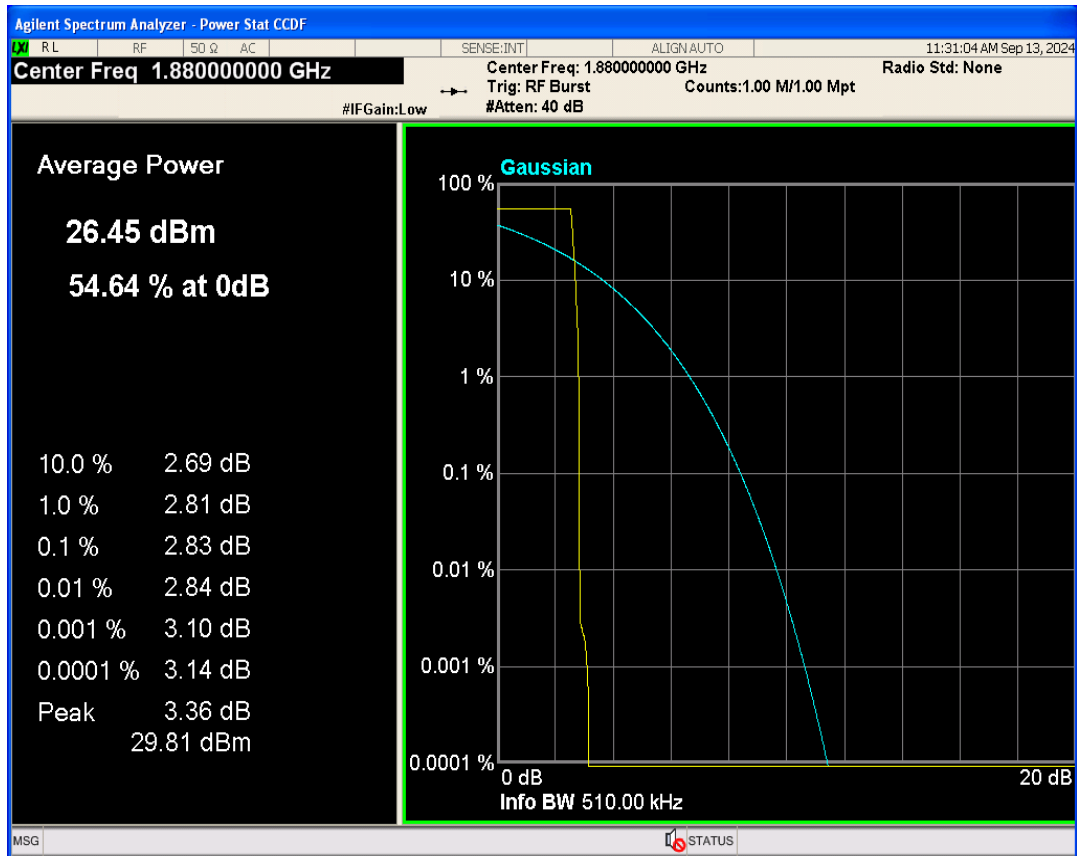
15 Peak-to-Average Ratio

Band	Channel	Frequency (MHz)	Result (dB)	high Limit (dB)	Verdict
EGPRS1900	512	1850.2	2.82	13	PASS
EGPRS1900	661	1880	2.83	13	PASS
EGPRS1900	810	1909.8	2.79	13	PASS
EGPRS850	128	824.2	2.97	13	PASS
EGPRS850	189	836.4	2.93	13	PASS
EGPRS850	251	848.8	2.87	13	PASS

EGPRS1900 Channel=512



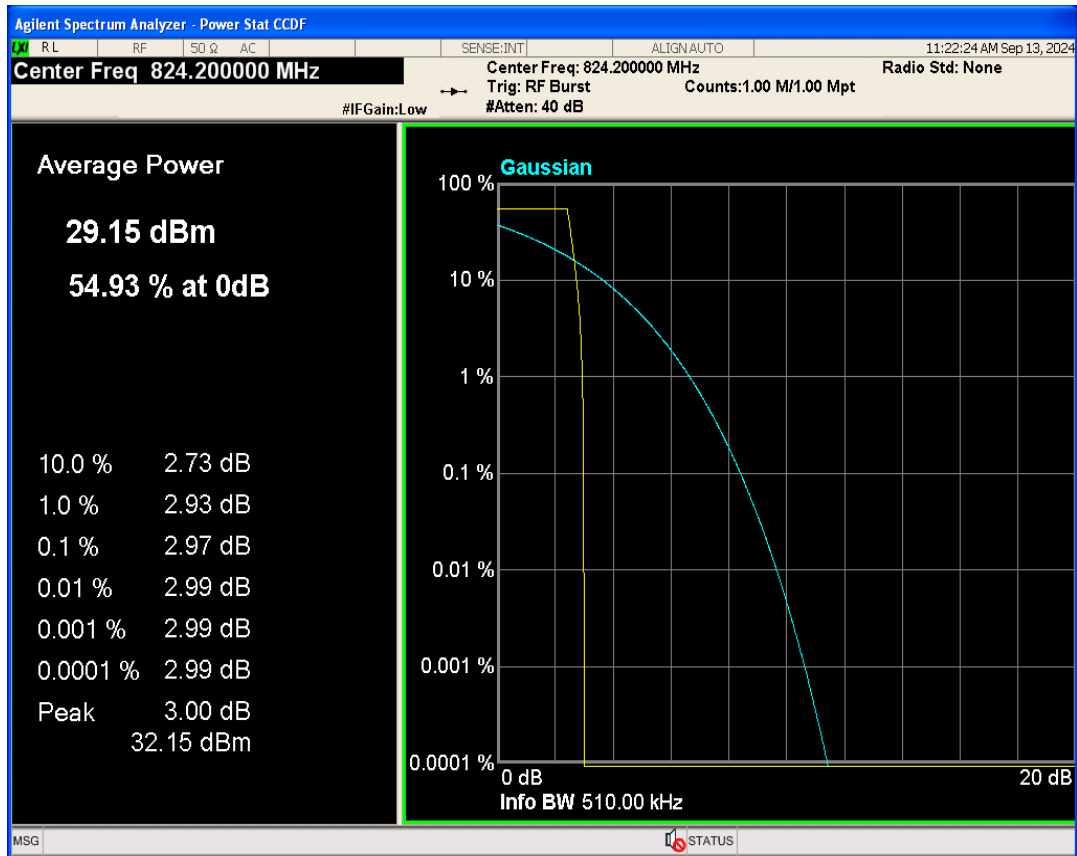
EGPRS1900 Channel=661



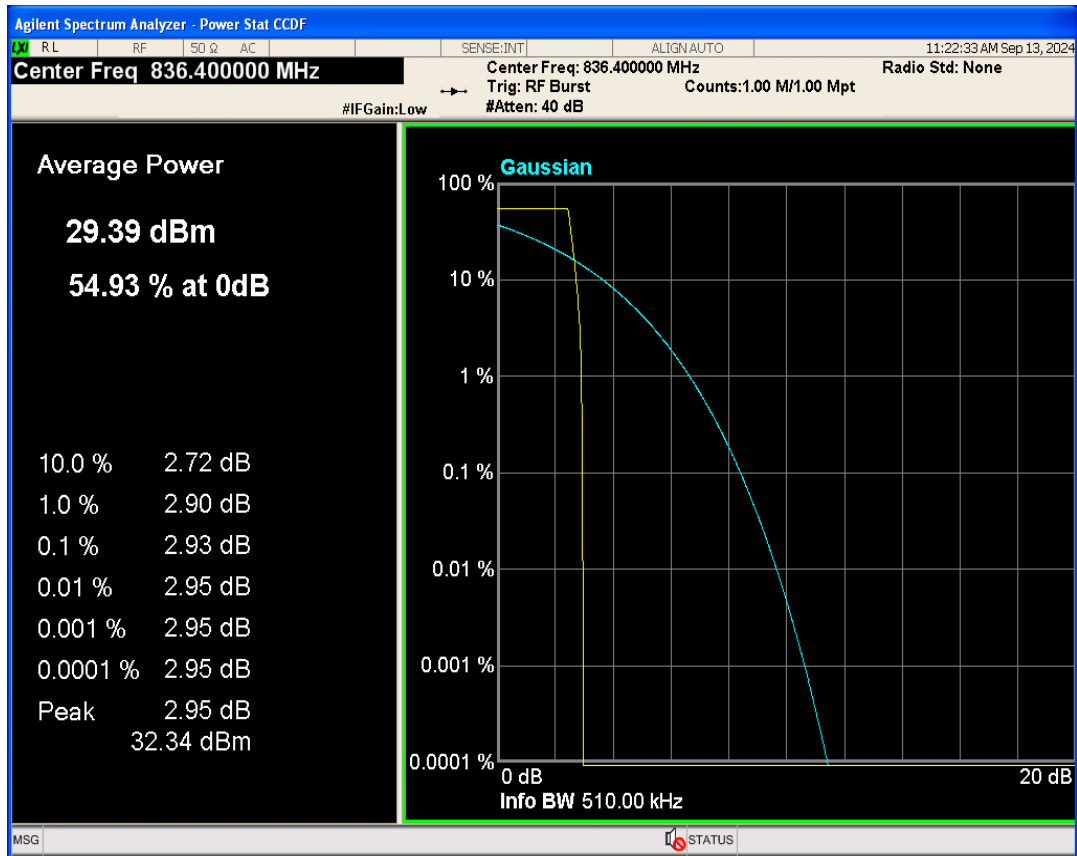
EGPRS1900 Channel=810



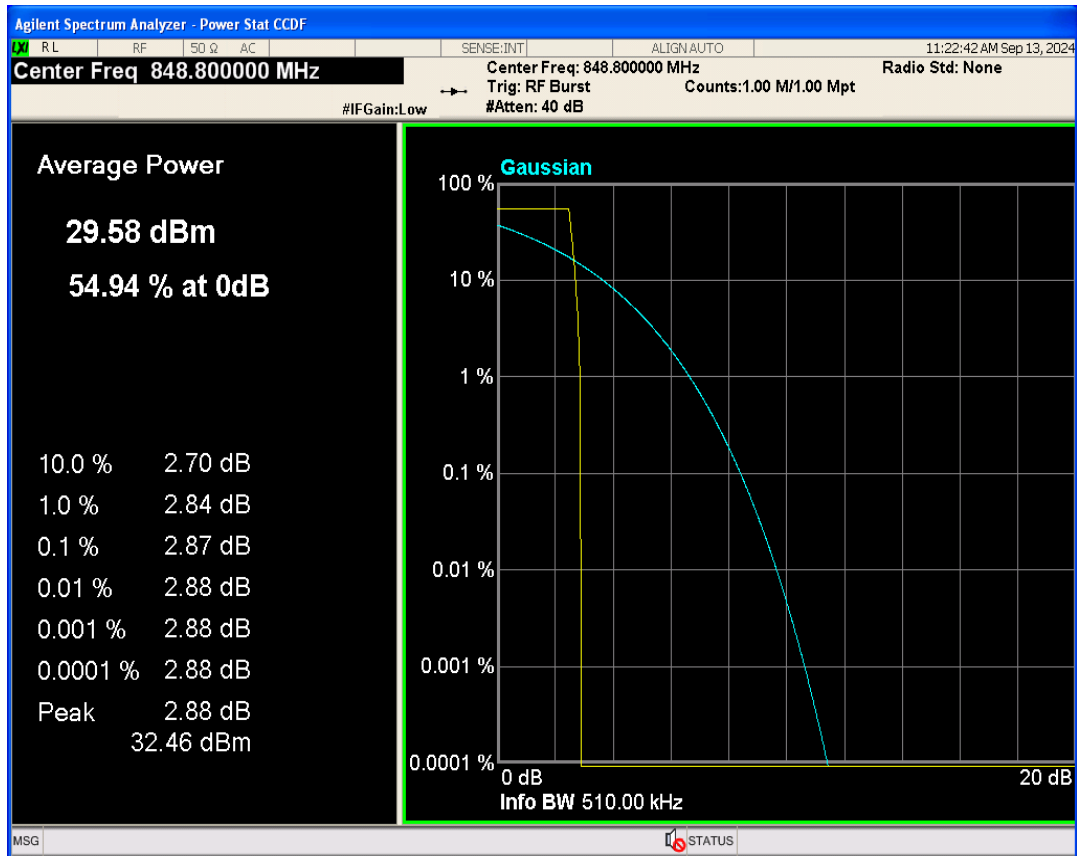
EGPRS850 Channel=128



EGPRS850 Channel=189



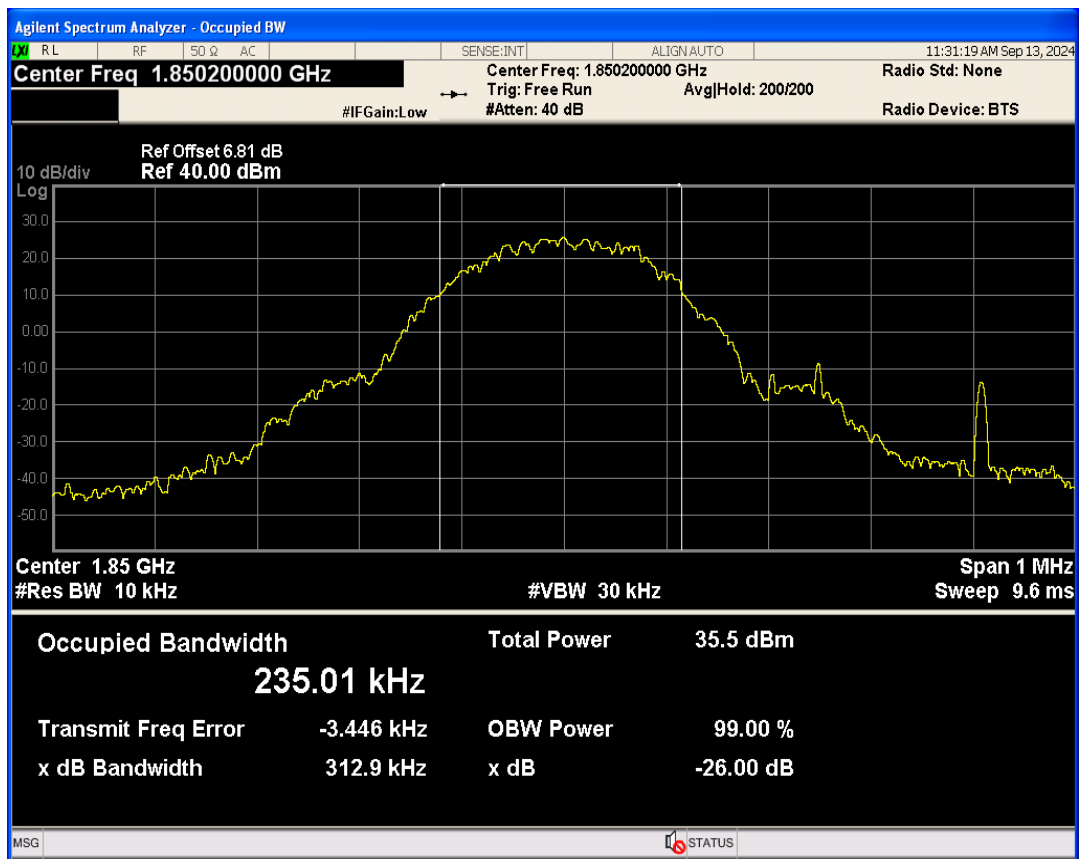
EGPRS850 Channel=251



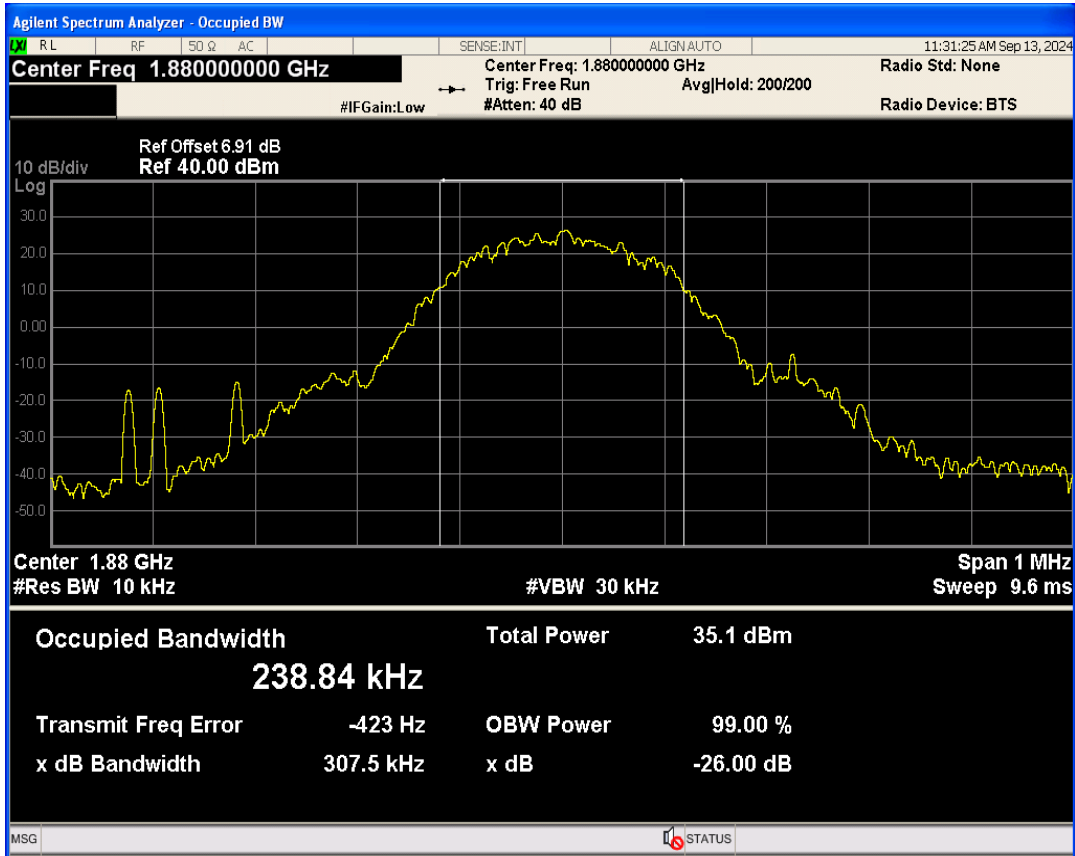
16 Occupied bandwidth

Band	Channel	Frequency (MHz)	99% OBW (kHz)	-26dB EBW (kHz)	Verdict
EGPRS1900	512	1850.2	235.014	312.854	PASS
EGPRS1900	661	1880	238.844	307.528	PASS
EGPRS1900	810	1909.8	245.425	313.801	PASS
EGPRS850	128	824.2	243.491	318.394	PASS
EGPRS850	189	836.4	239.787	314.181	PASS
EGPRS850	251	848.8	241.254	307.931	PASS

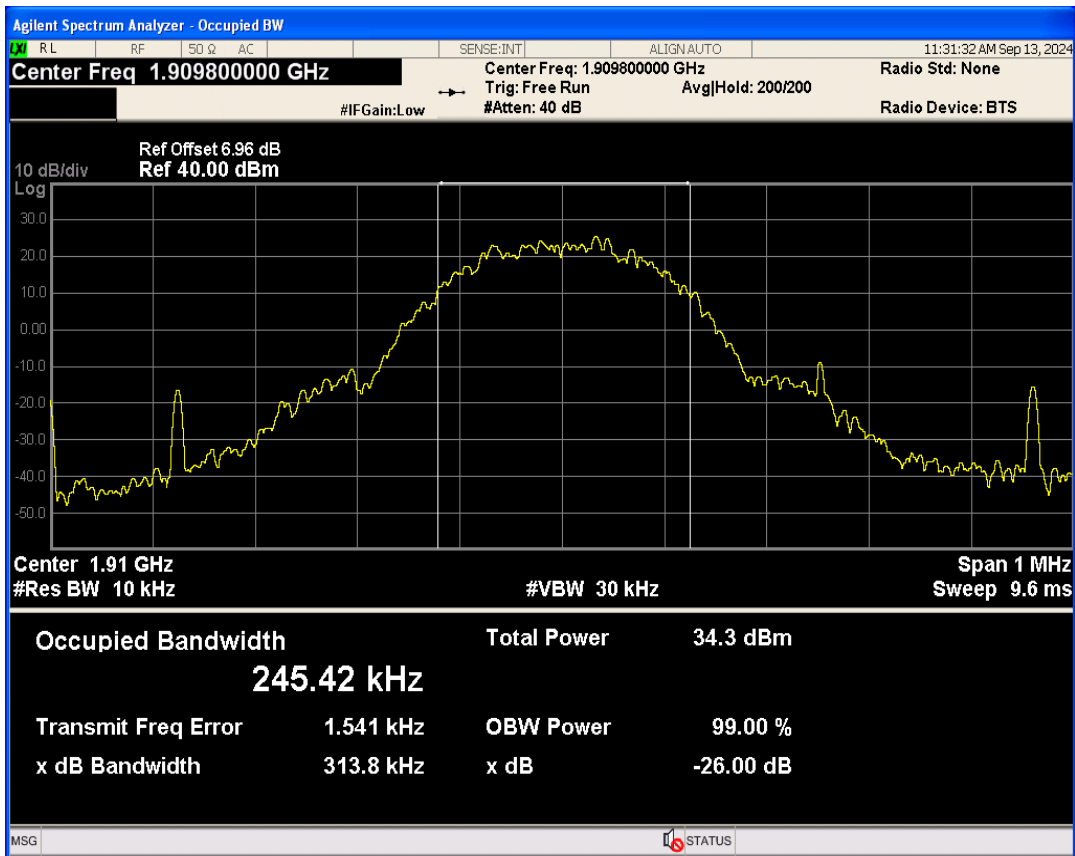
EGPRS1900 Channel=512



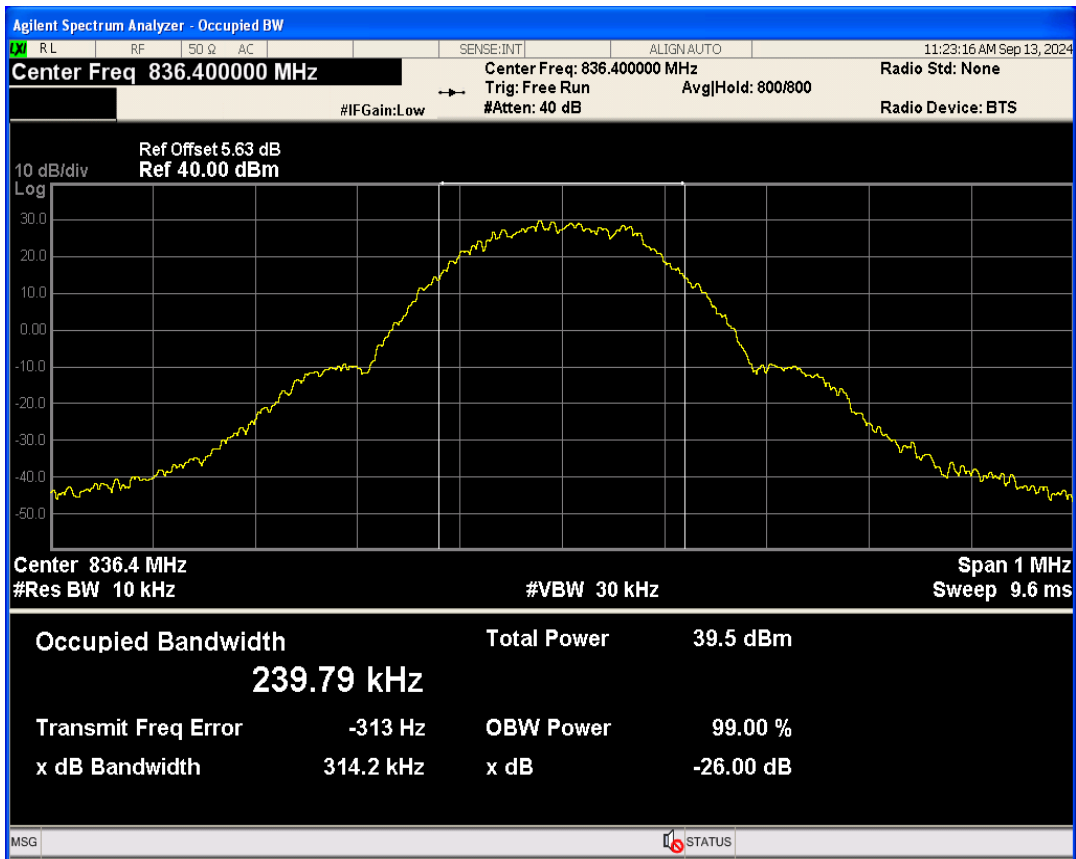
EGPRS1900 Channel=661



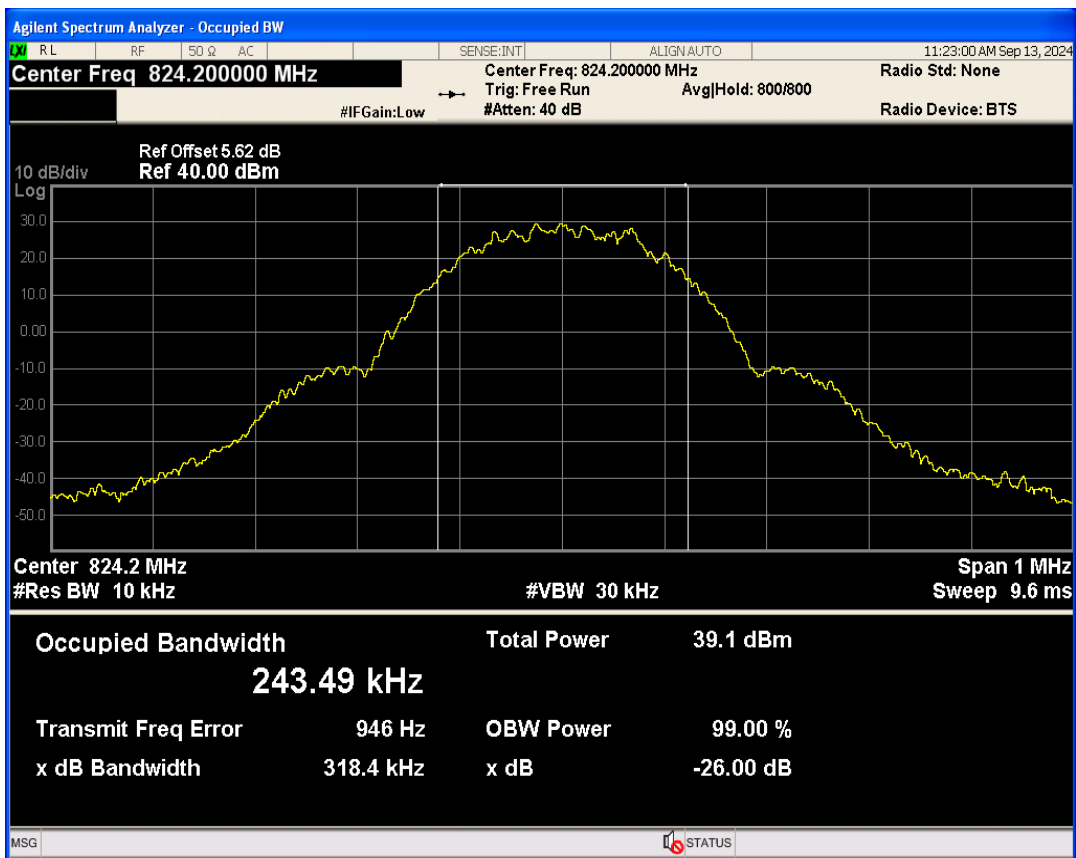
EGPRS1900 Channel=810



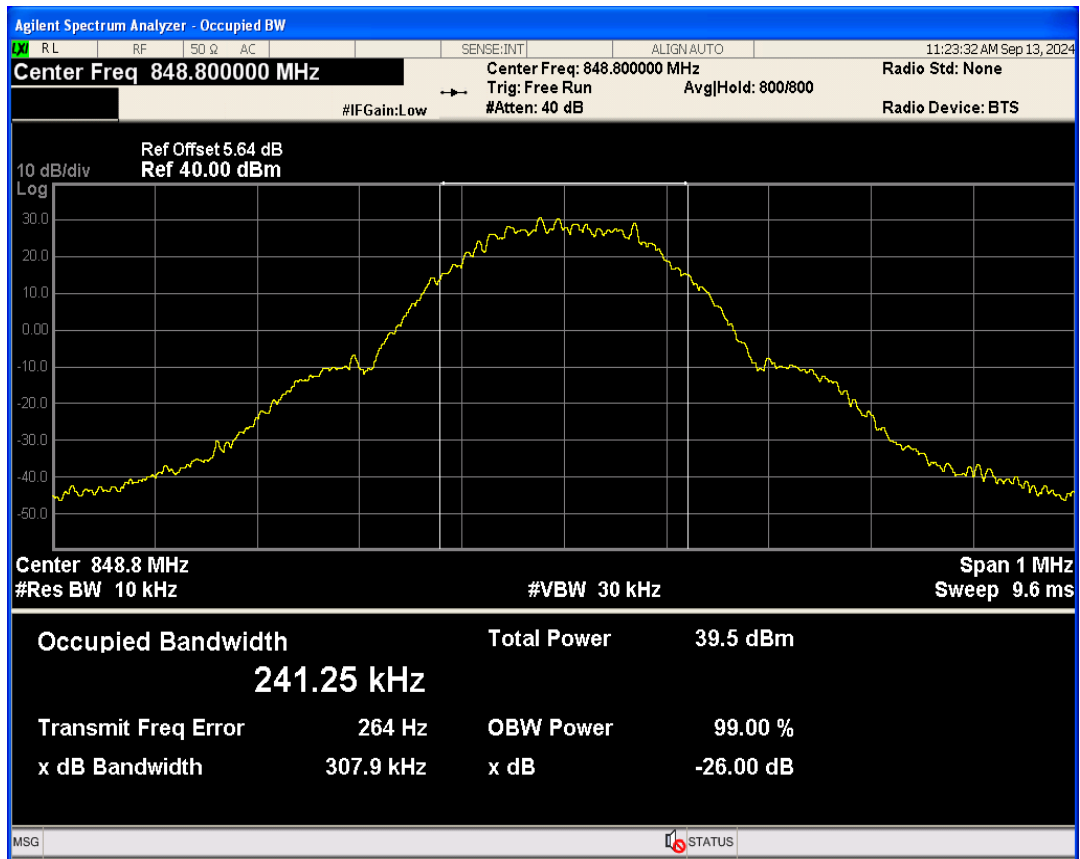
EGPRS850 Channel=189



EGPRS850 Channel=128



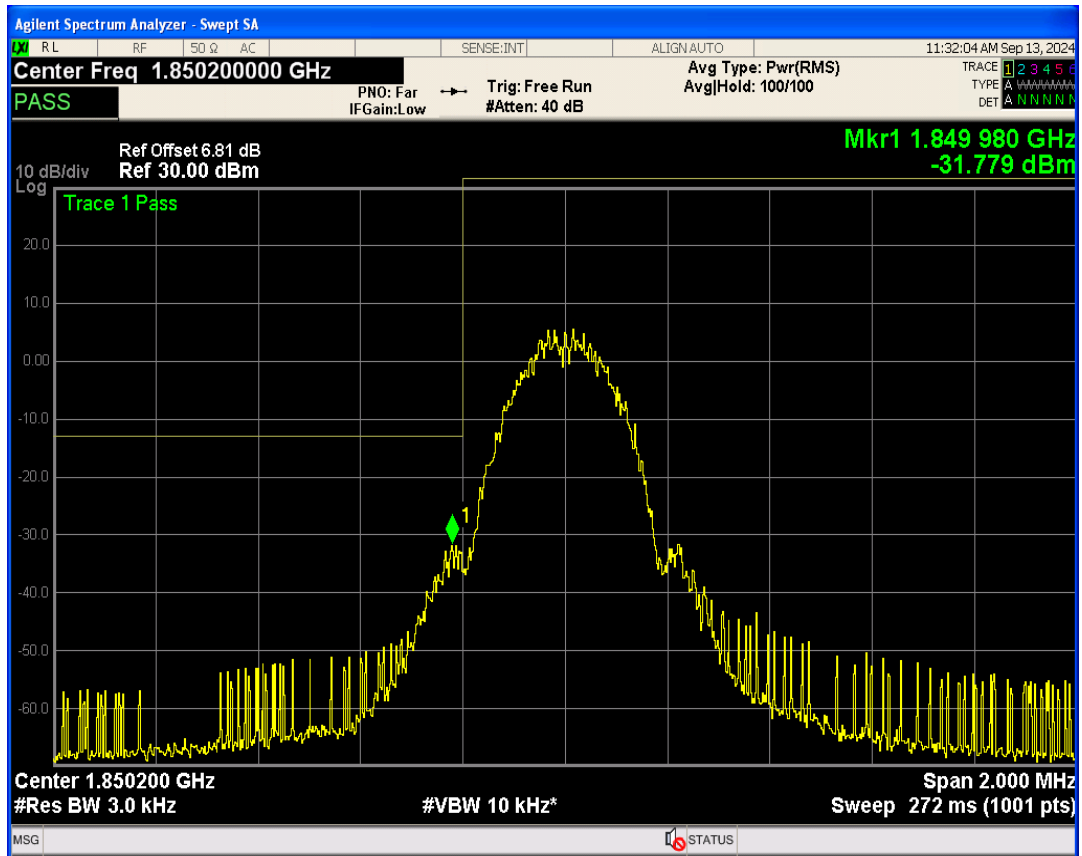
EGPRS850 Channel=251



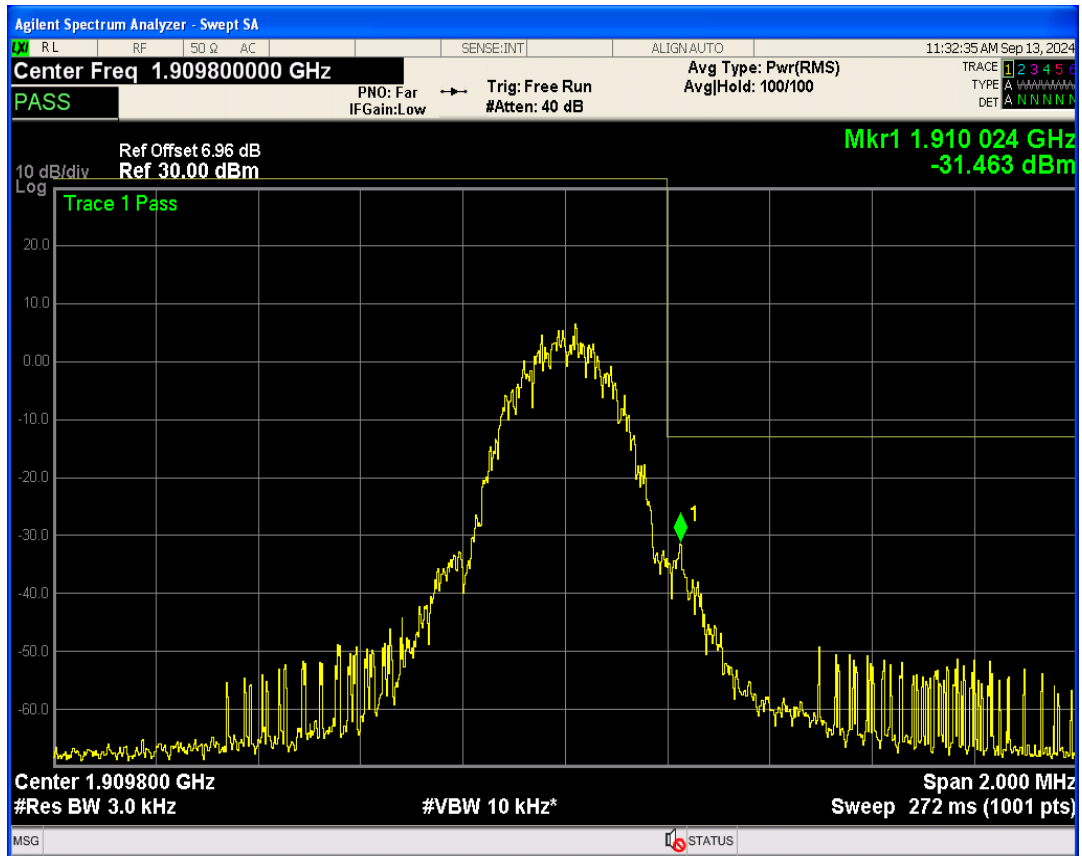
17 Band edge

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
EGPRS1900	512	1850.2	1849.98	-31.77	-13	PASS
EGPRS1900	810	1909.8	1910.02	-31.46	-13	PASS
EGPRS850	128	824.2	823.98	-30.10	-13	PASS
EGPRS850	251	848.8	849.02	-28.15	-13	PASS

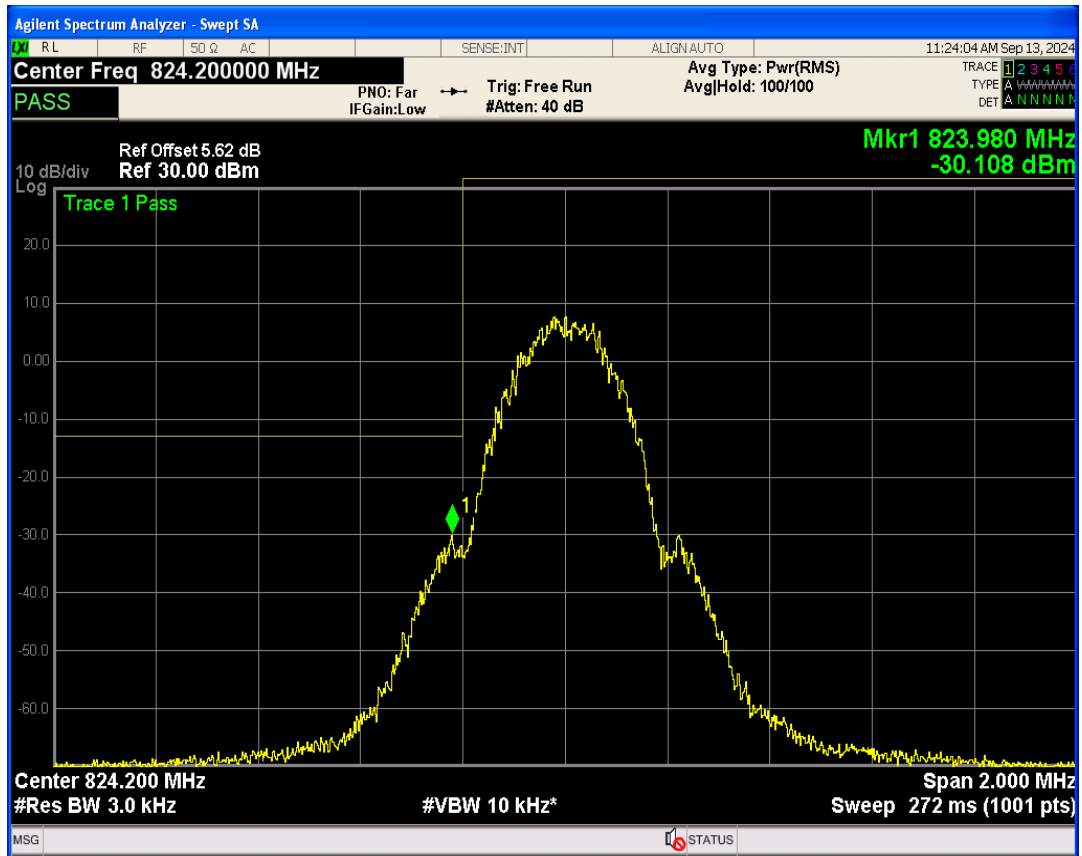
EGPRS1900 Channel=512



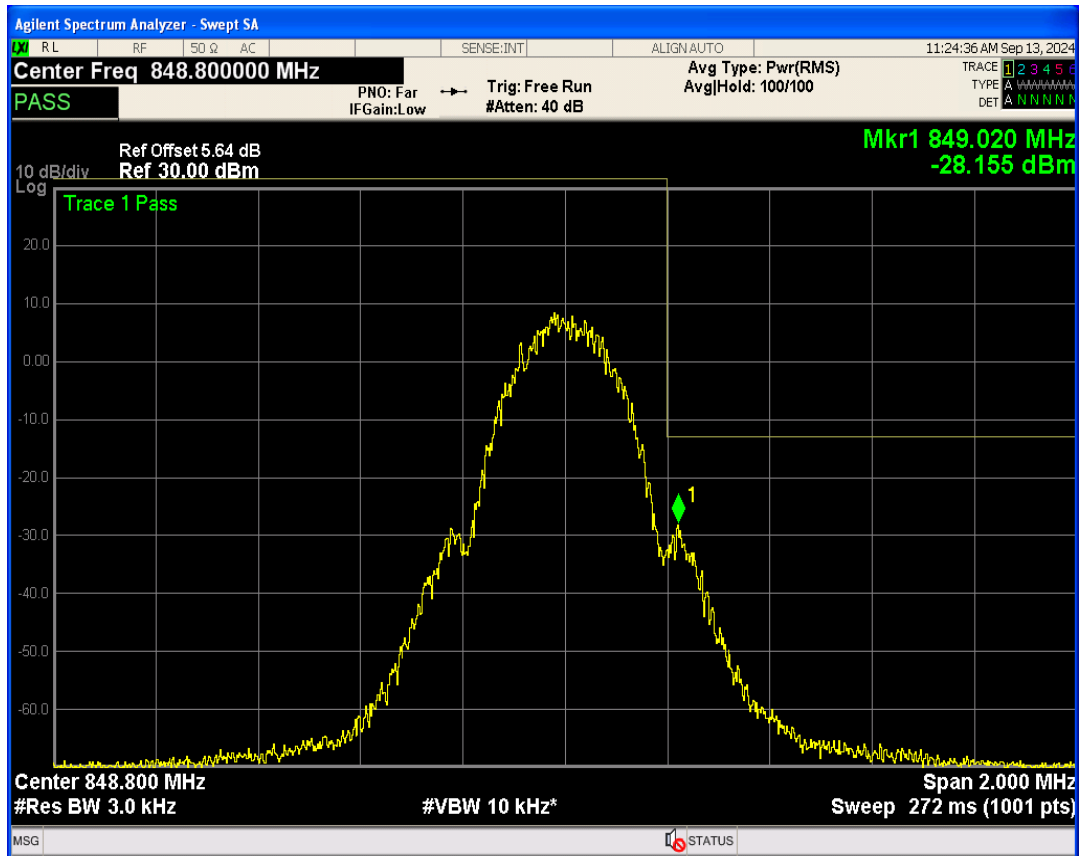
EGPRS1900 Channel=810



EGPRS850 Channel=128



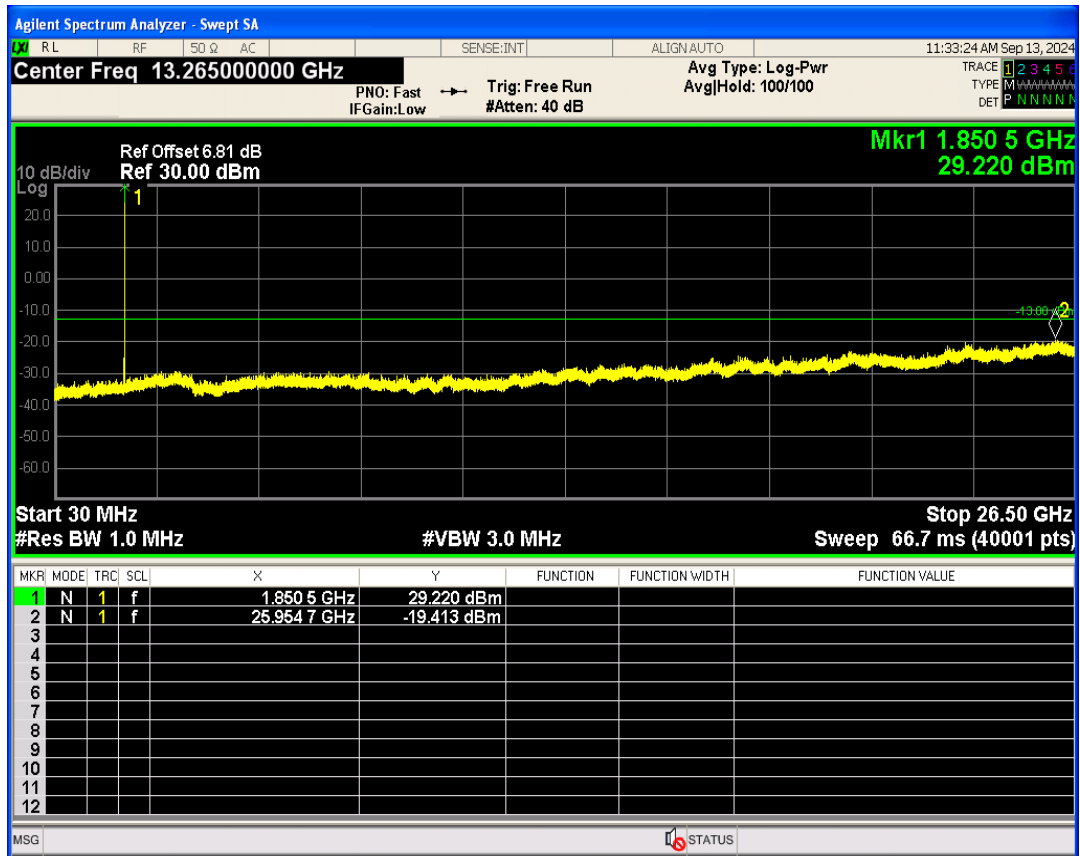
EGPRS850 Channel=251



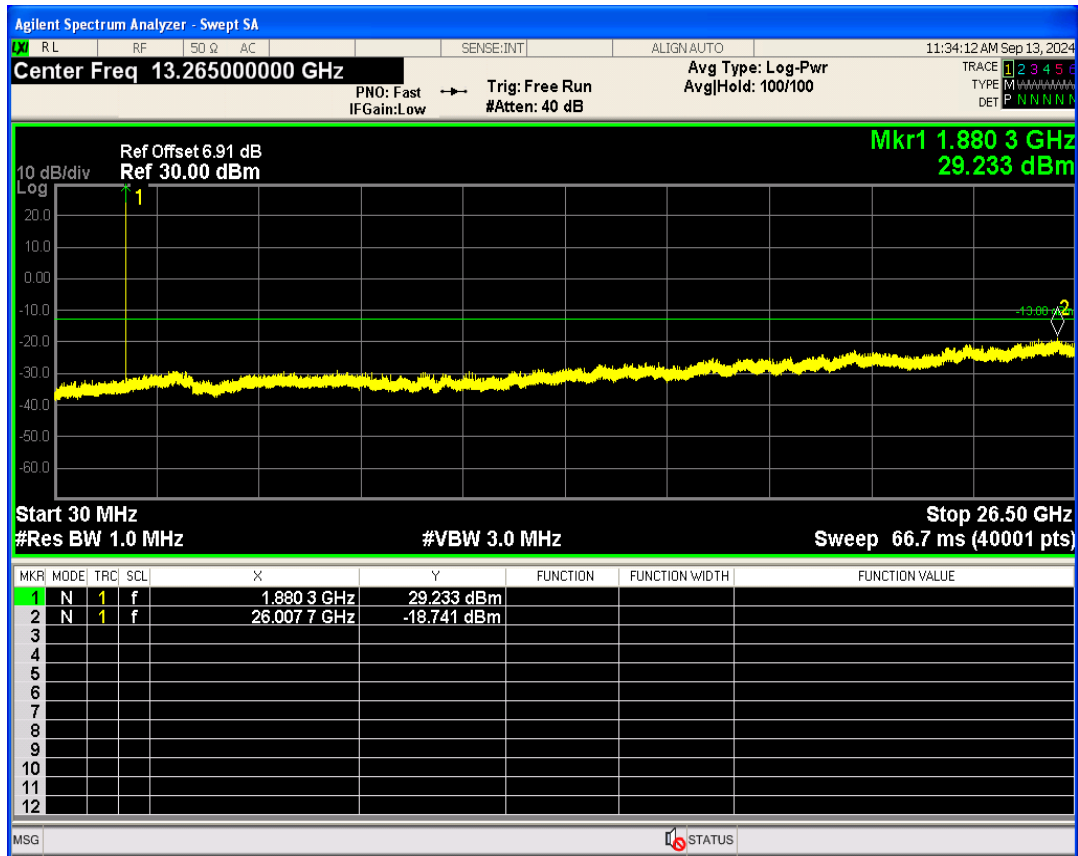
18 Out-of-band emissions

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
EGPRS1900	512	1850.2	25954.72	-19.41	-13	PASS
EGPRS1900	661	1880	26007.66	-18.74	-13	PASS
EGPRS1900	810	1909.8	25936.85	-19.21	-13	PASS
EGPRS850	128	824.2	25449.80	-20.28	-13	PASS
EGPRS850	189	836.4	26039.42	-19.02	-13	PASS
EGPRS850	251	848.8	25940.82	-20.49	-13	PASS

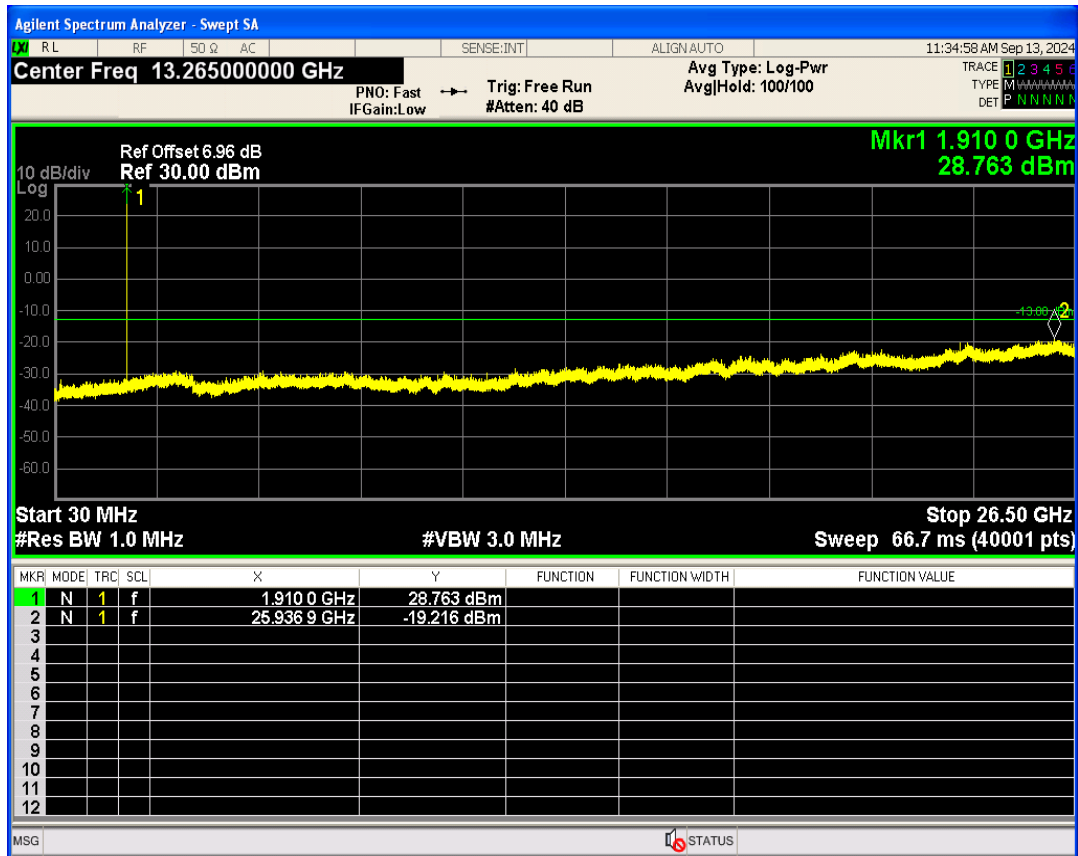
EGPRS1900 Channel=512



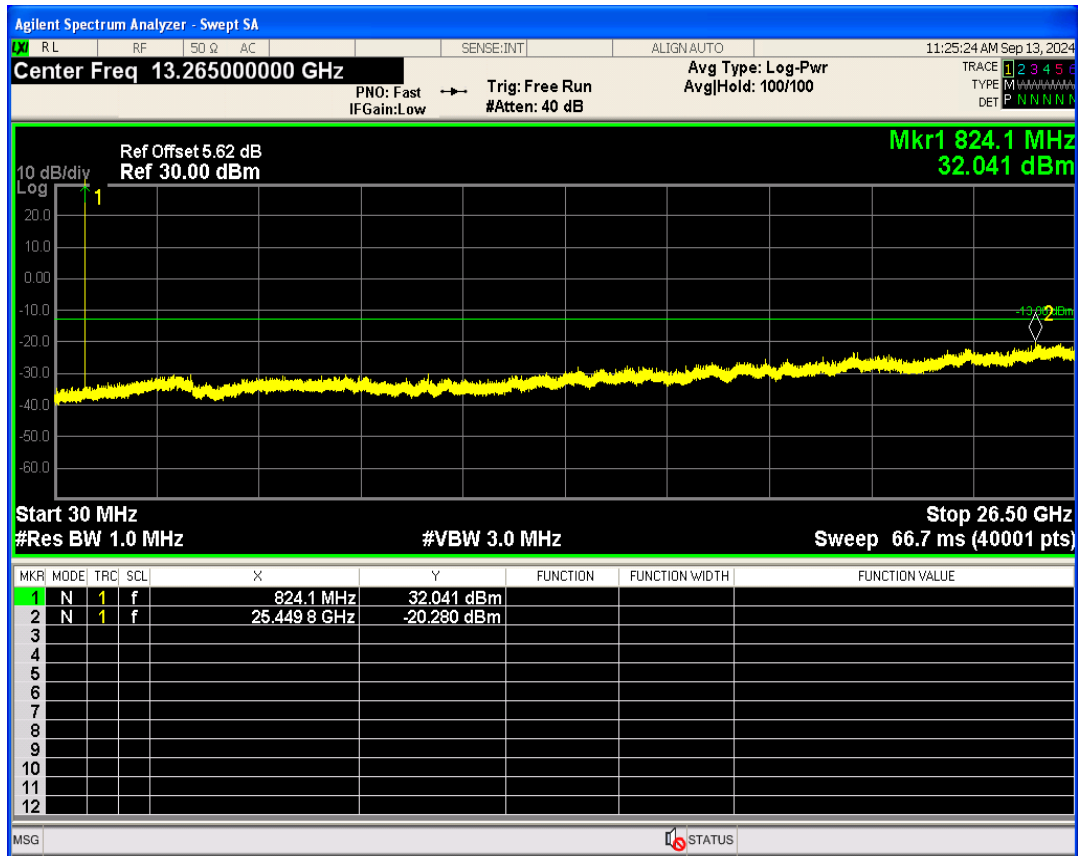
EGPRS1900 Channel=661



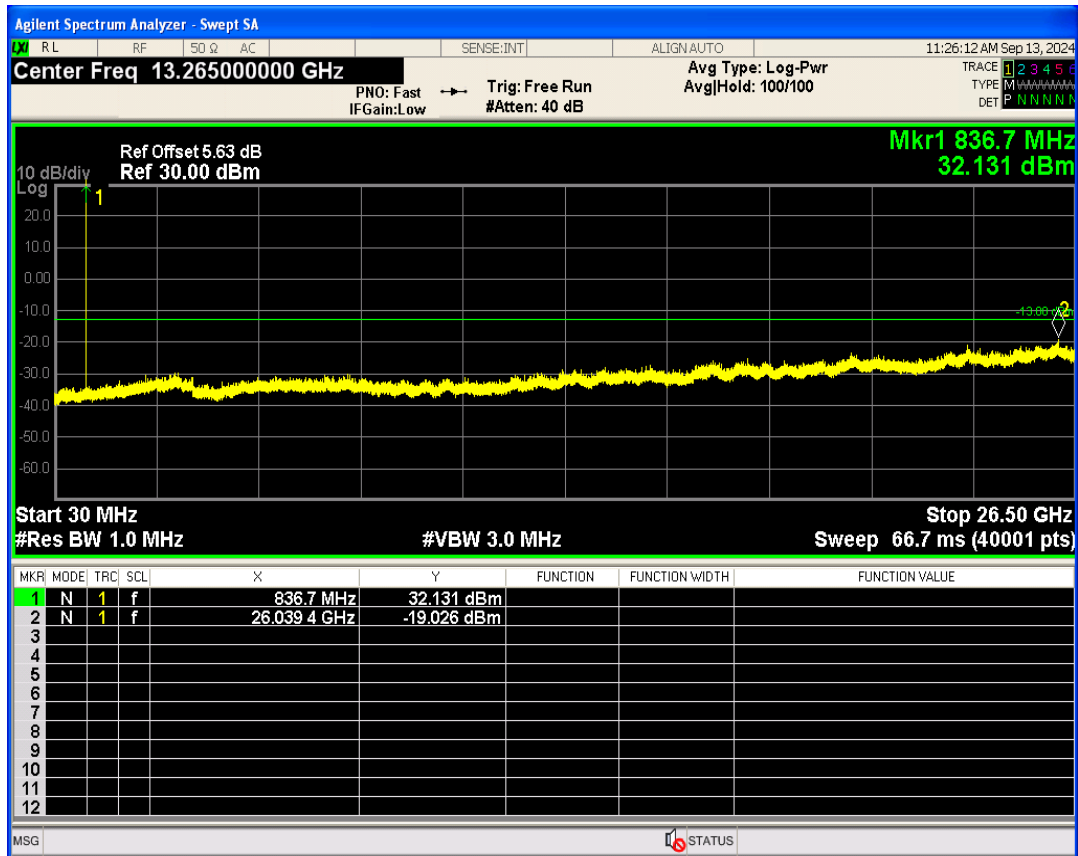
EGPRS1900 Channel=810



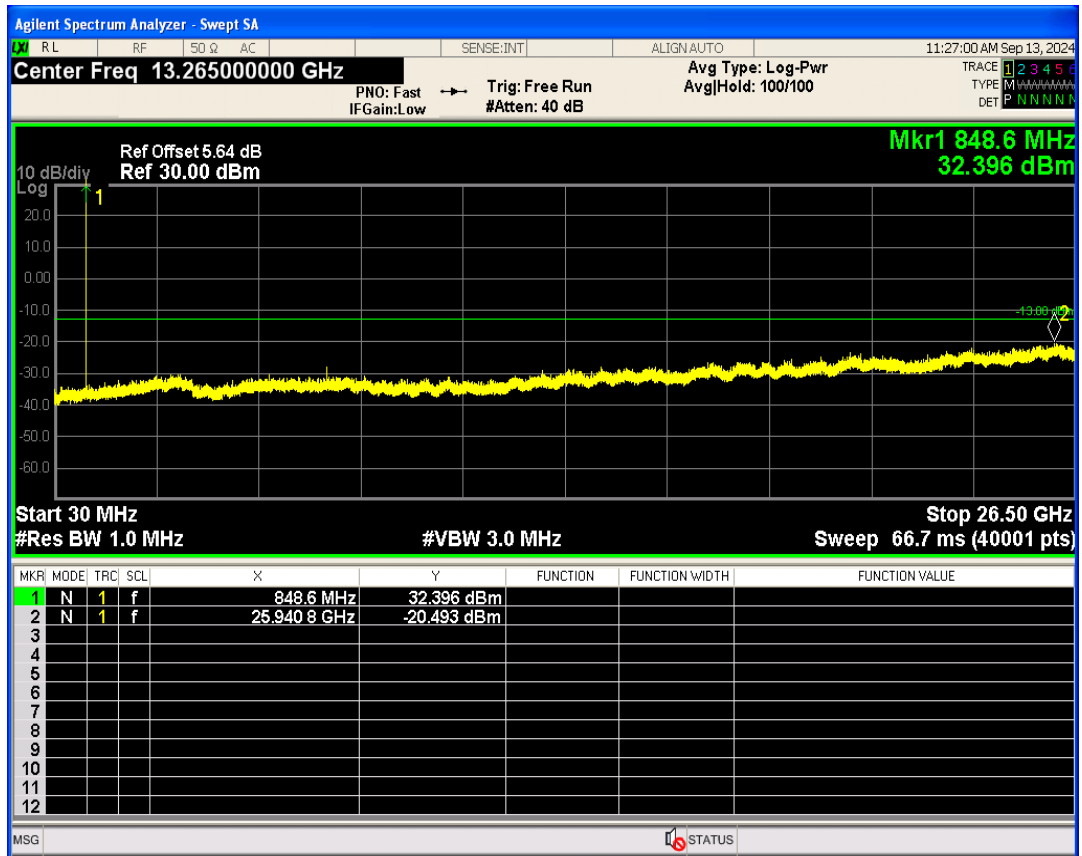
EGPRS850 Channel=128



EGPRS850 Channel=189



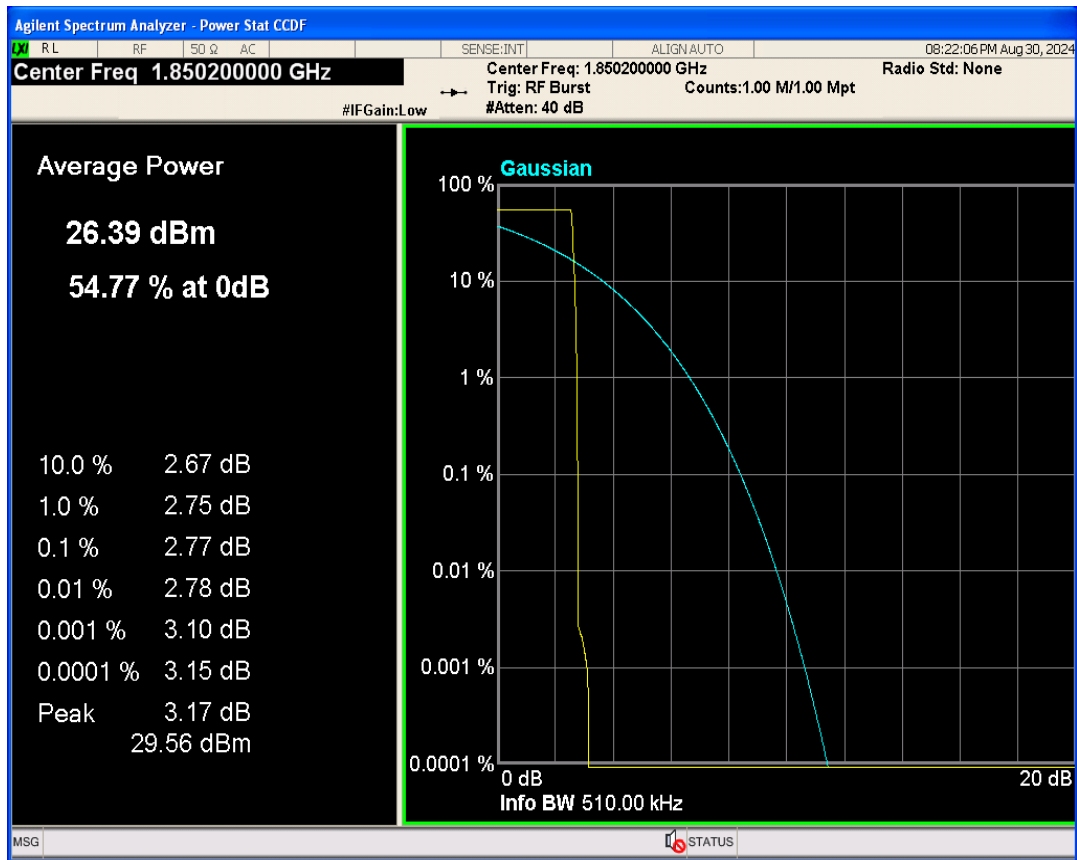
EGPRS850 Channel=251



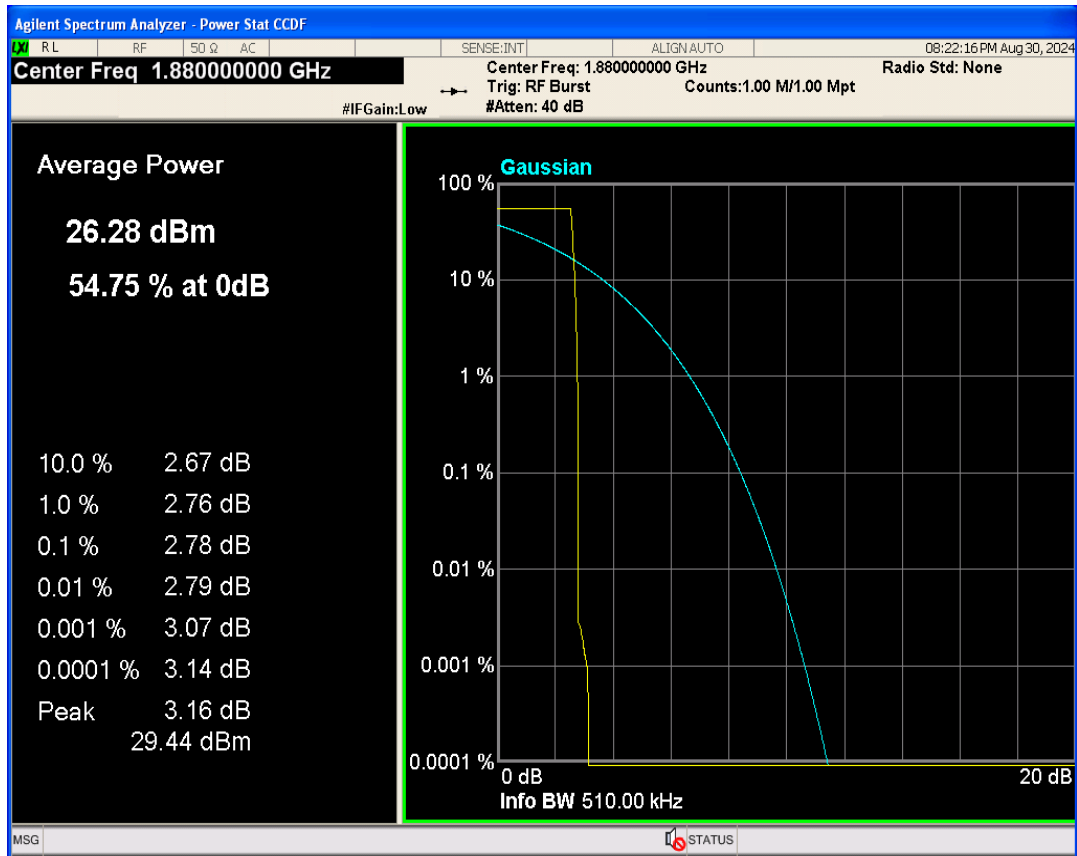
09 Peak-to-Average Ratio

Band	Channel	Frequency (MHz)	Result (dB)	high Limit (dB)	Verdict
GPRS1900	512	1850.2	2.77	13	PASS
GPRS1900	661	1880	2.78	13	PASS
GPRS1900	810	1909.8	2.77	13	PASS
GPRS850	128	824.2	2.92	13	PASS
GPRS850	189	836.4	2.89	13	PASS
GPRS850	251	848.8	2.86	13	PASS

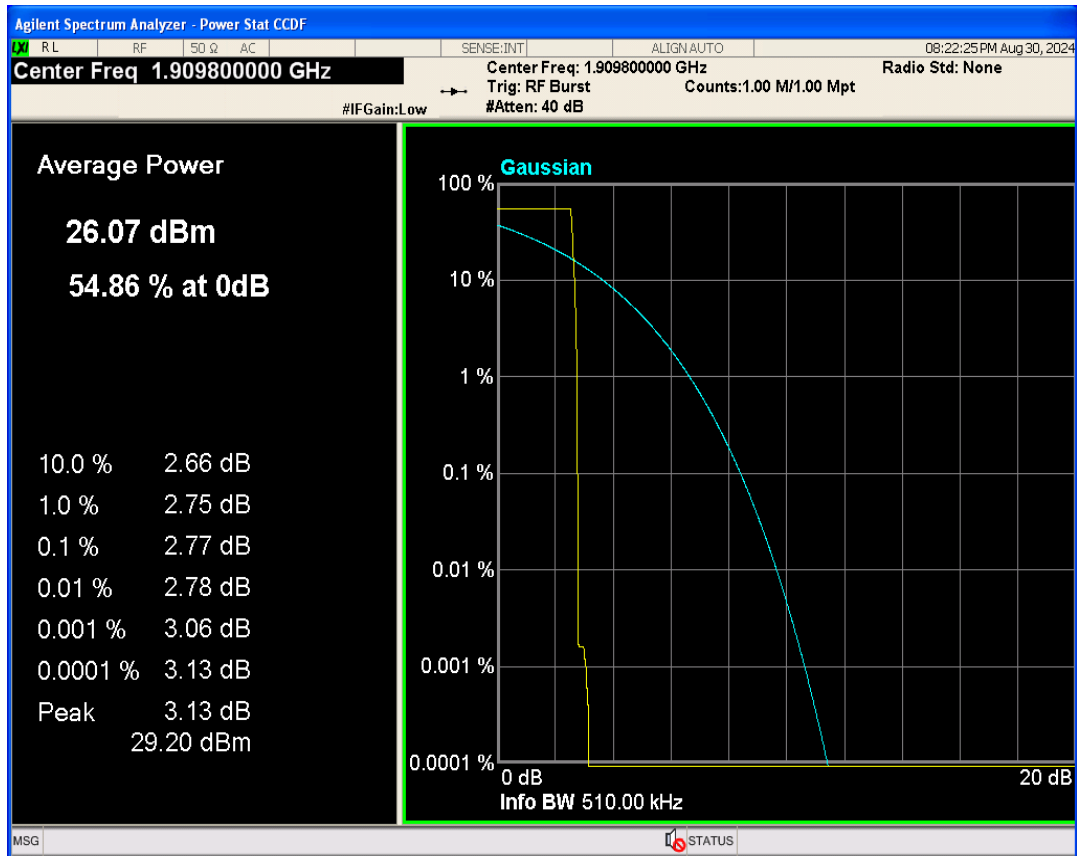
GPRS1900 Channel=512



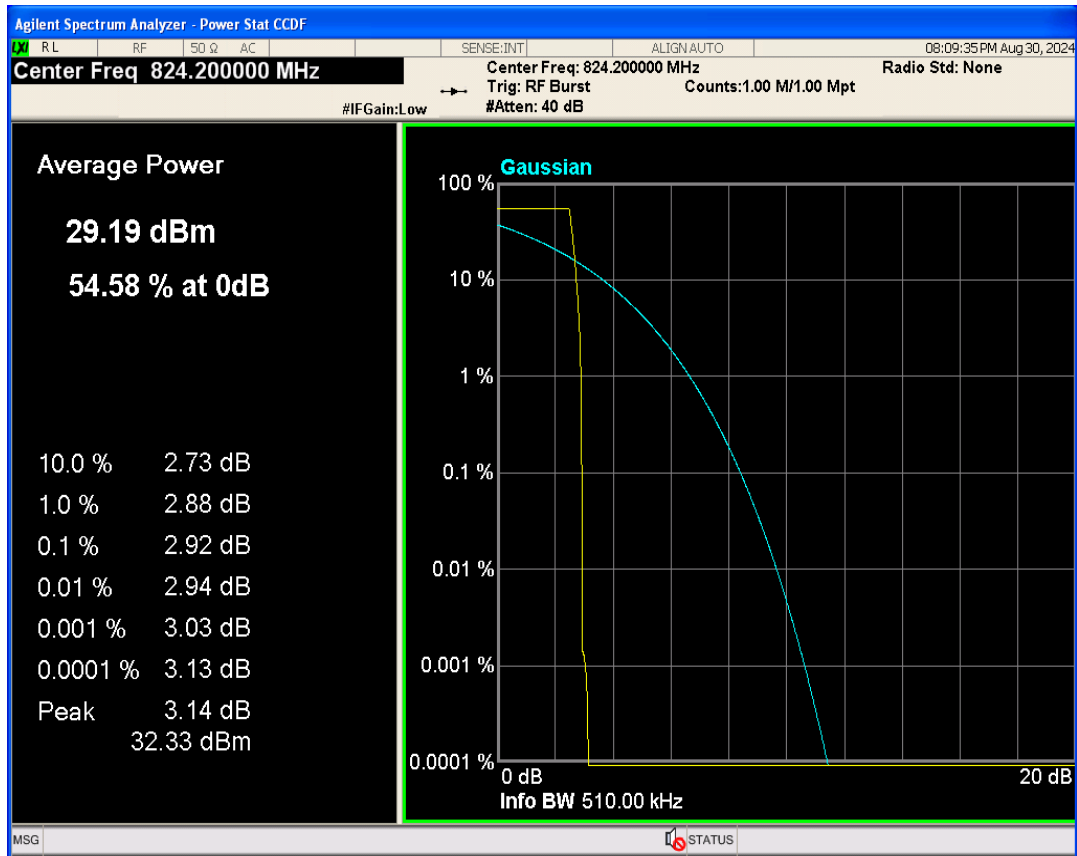
GPRS1900 Channel=661



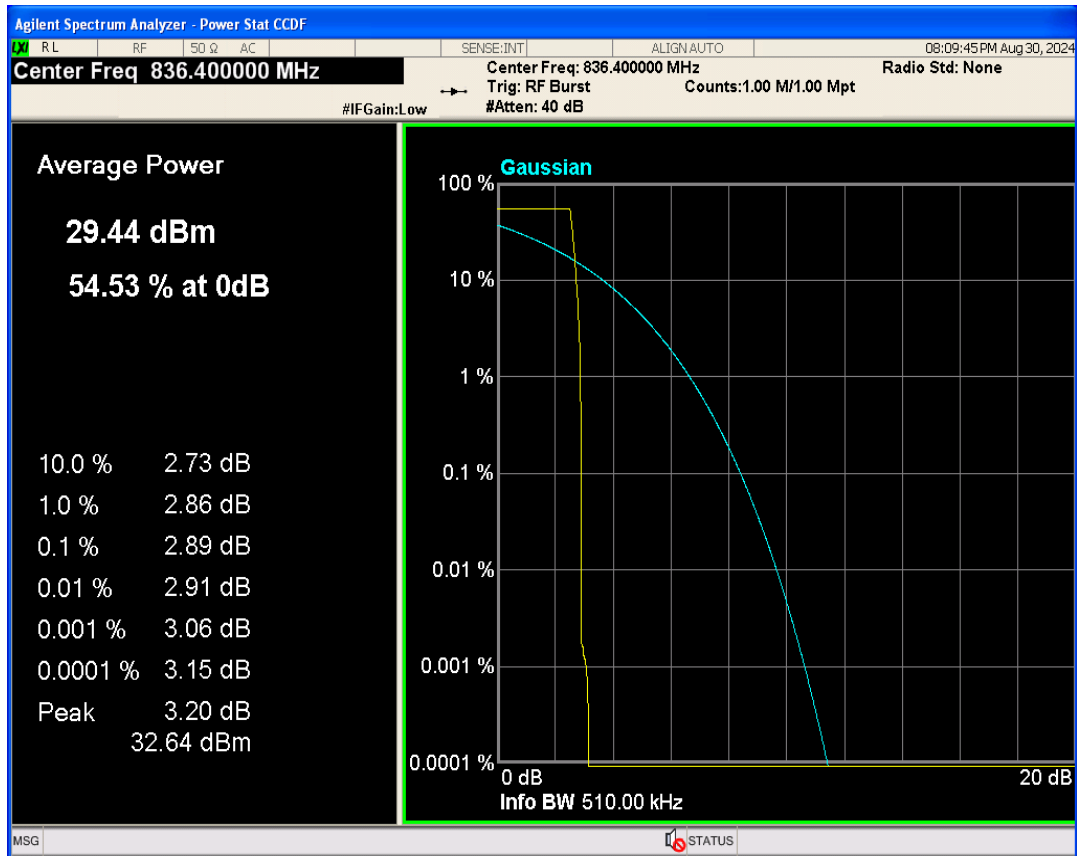
GPRS1900 Channel=810



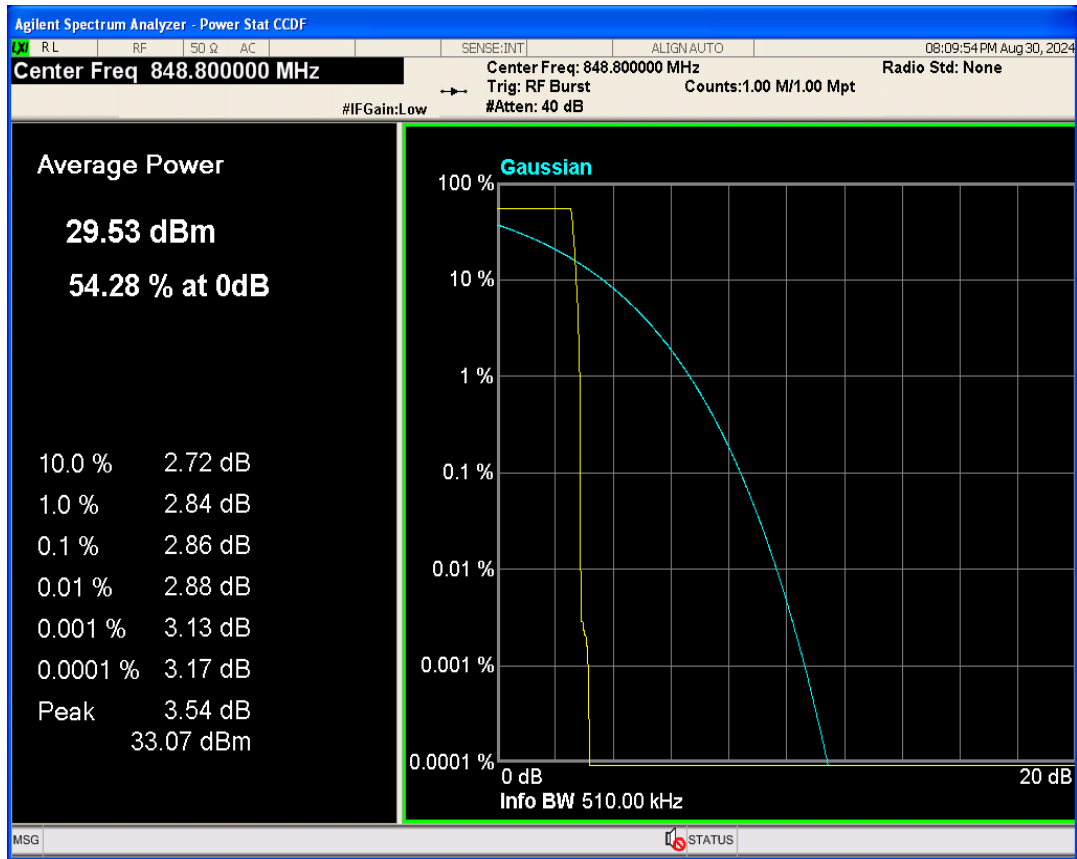
GPRS850 Channel=128



GPRS850 Channel=189



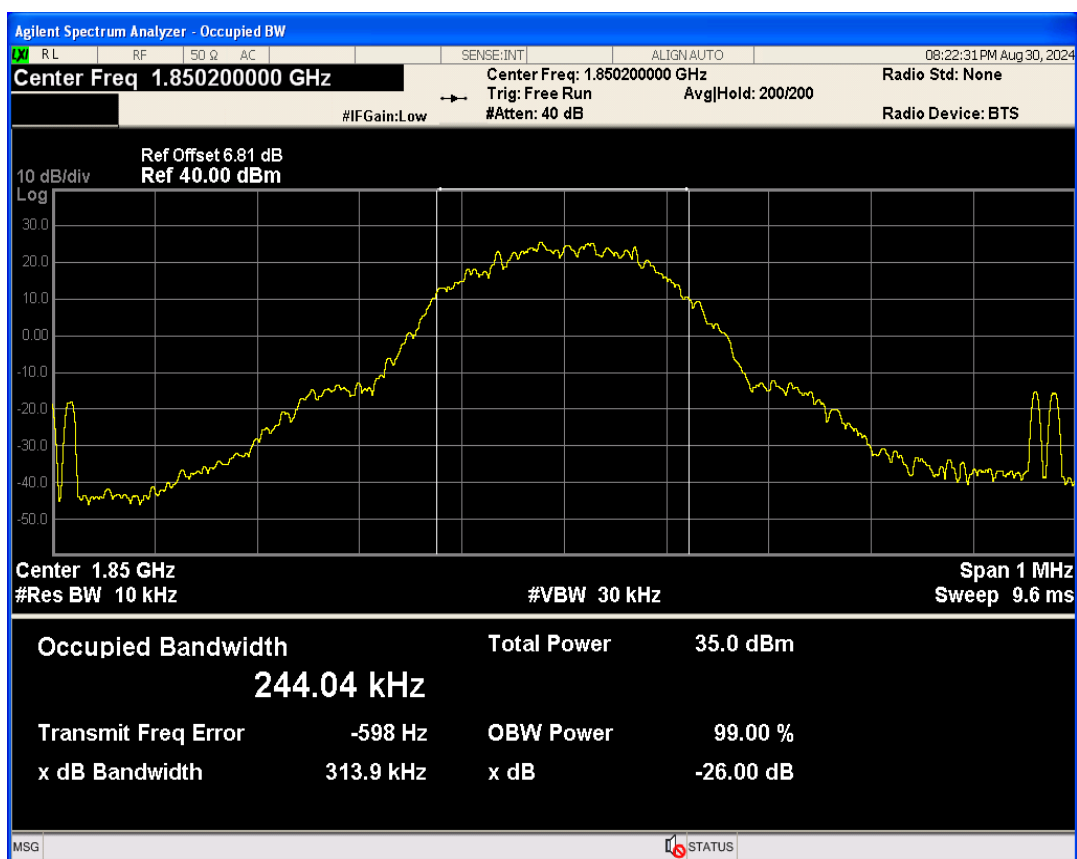
GPRS850 Channel=251



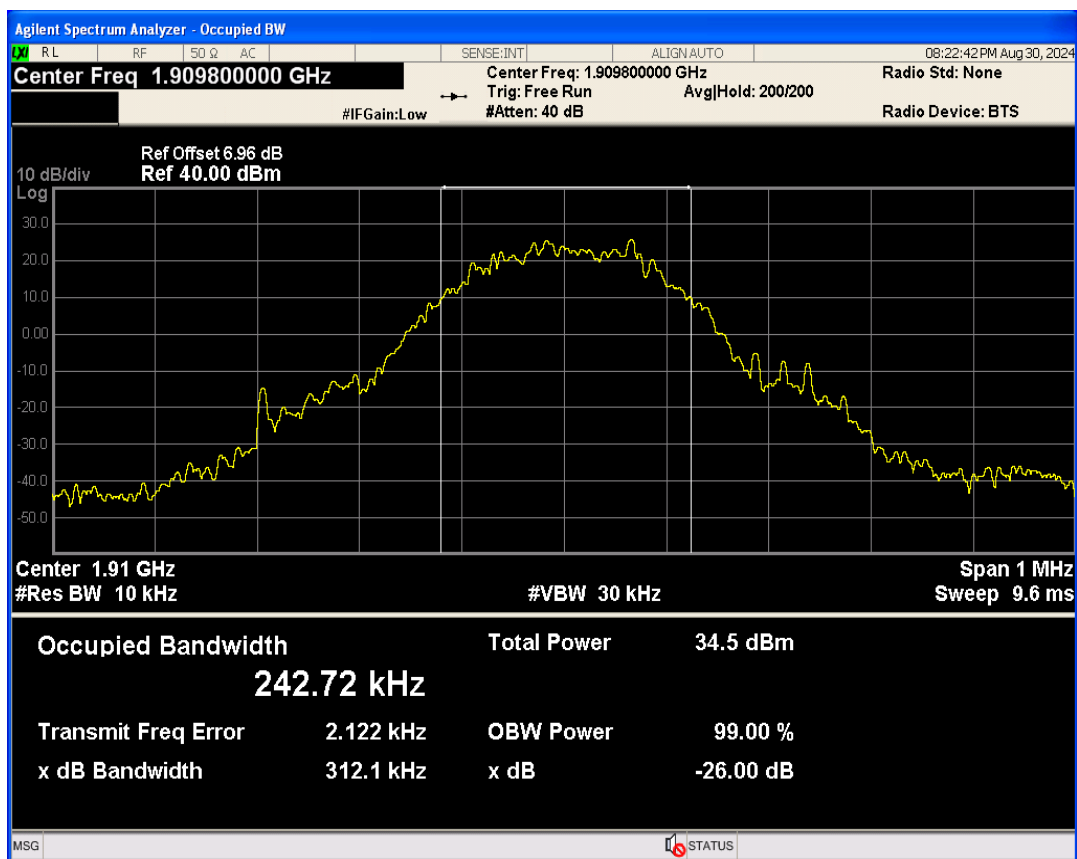
10 Occupied bandwidth

Band	Channel	Frequency (MHz)	99% OBW (kHz)	-26dB EBW (kHz)	Verdict
GPRS1900	512	1850.2	244.041	313.876	PASS
GPRS1900	661	1880	243.470	316.622	PASS
GPRS1900	810	1909.8	242.724	312.101	PASS
GPRS850	128	824.2	248.711	308.693	PASS
GPRS850	189	836.4	240.615	308.254	PASS
GPRS850	251	848.8	240.122	313.840	PASS

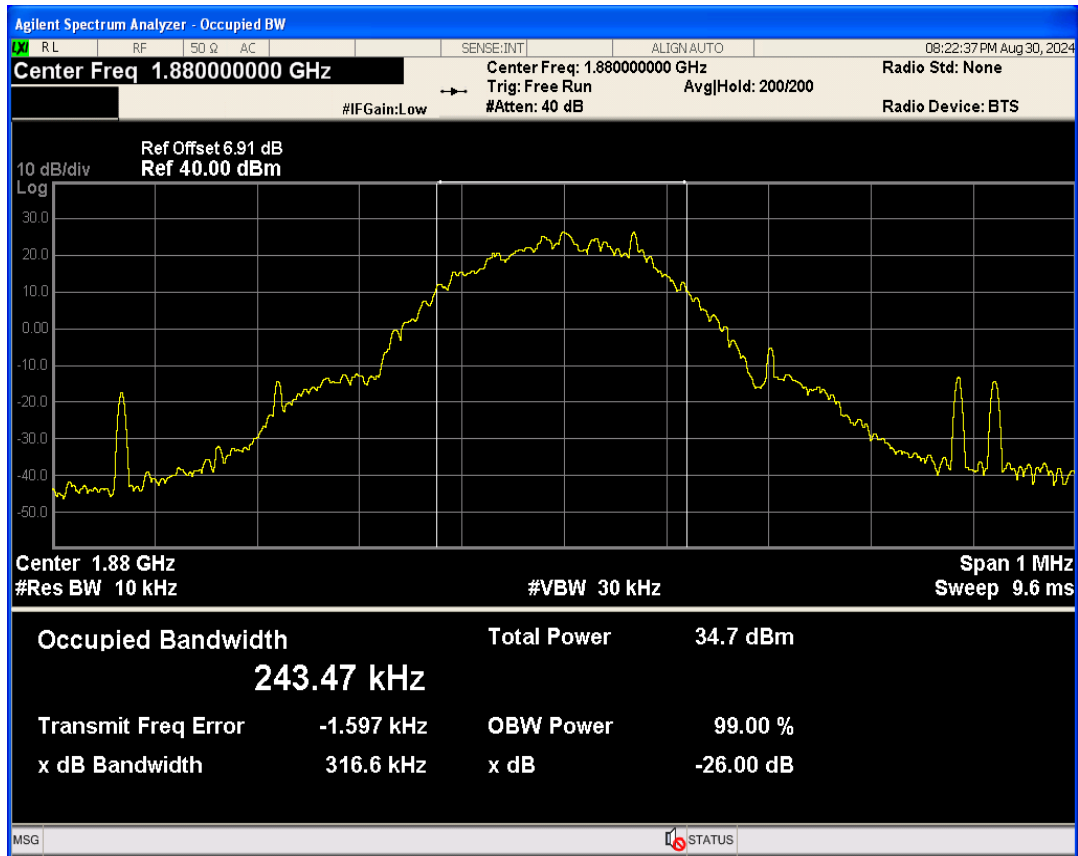
GPRS1900 Channel=512



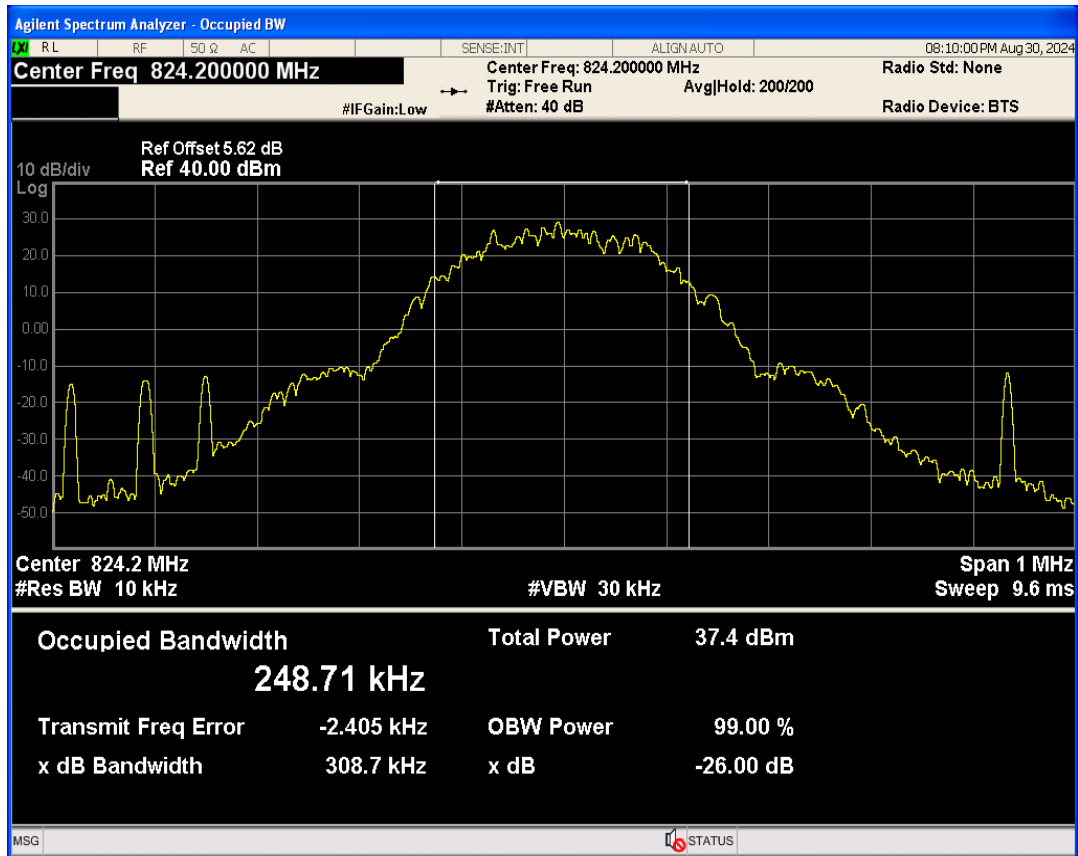
GPRS1900 Channel=810



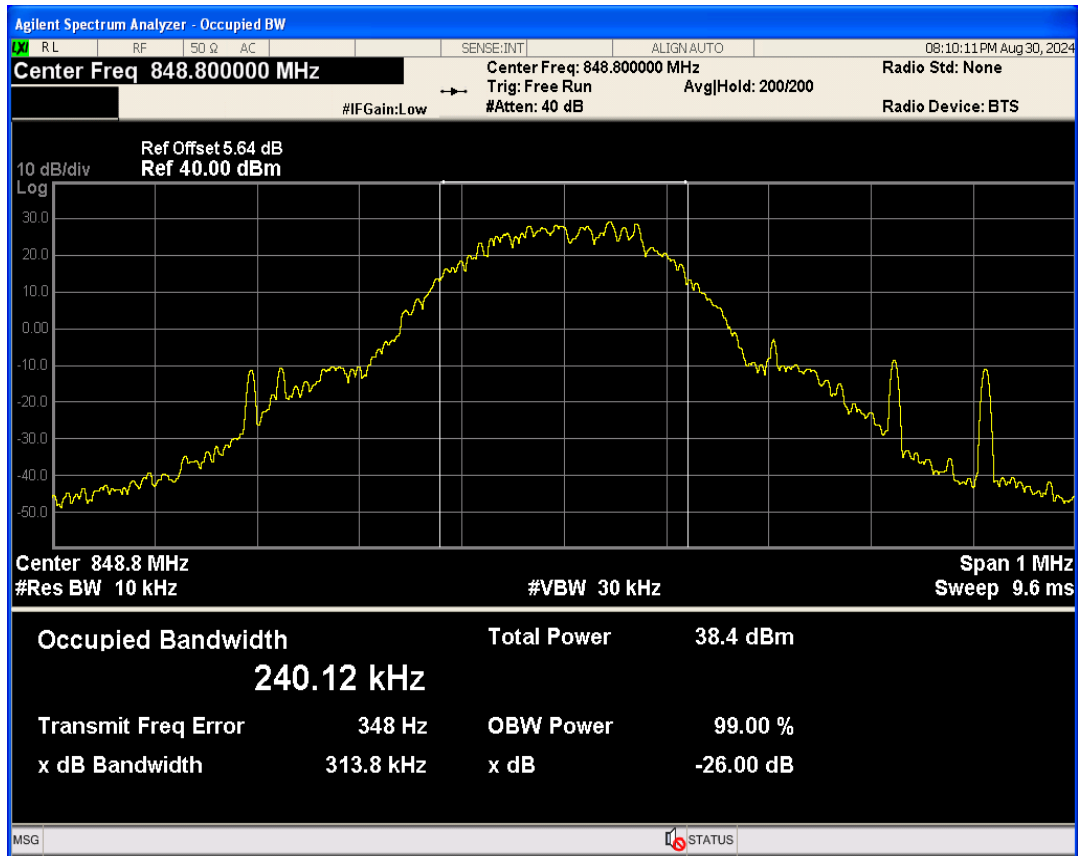
GPRS1900 Channel=661



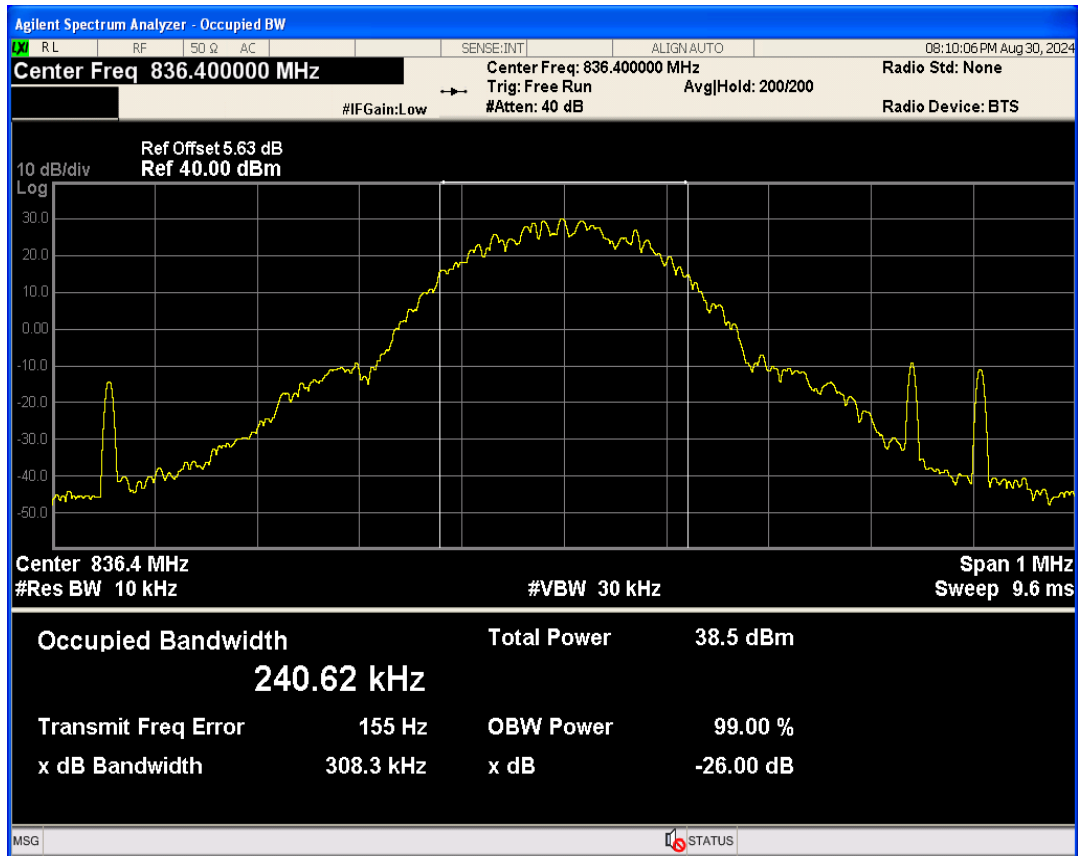
GPRS850 Channel=128



GPRS850 Channel=251



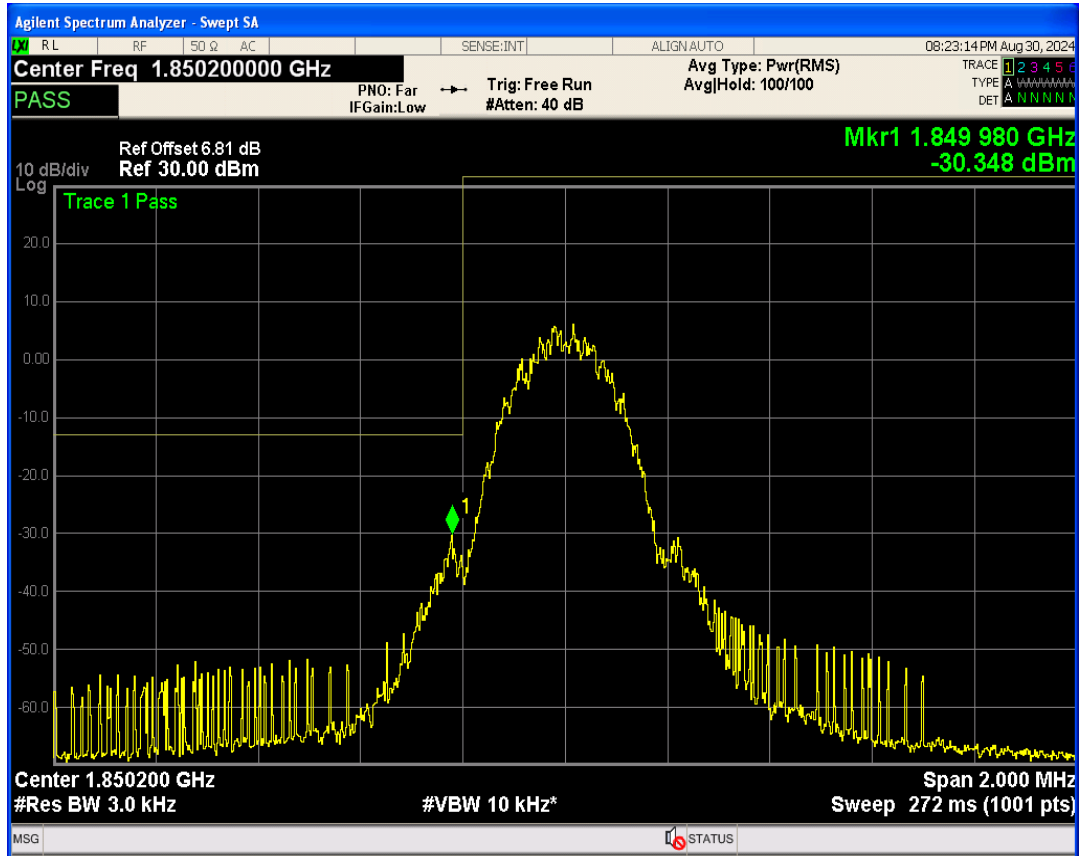
GPRS850 Channel=189



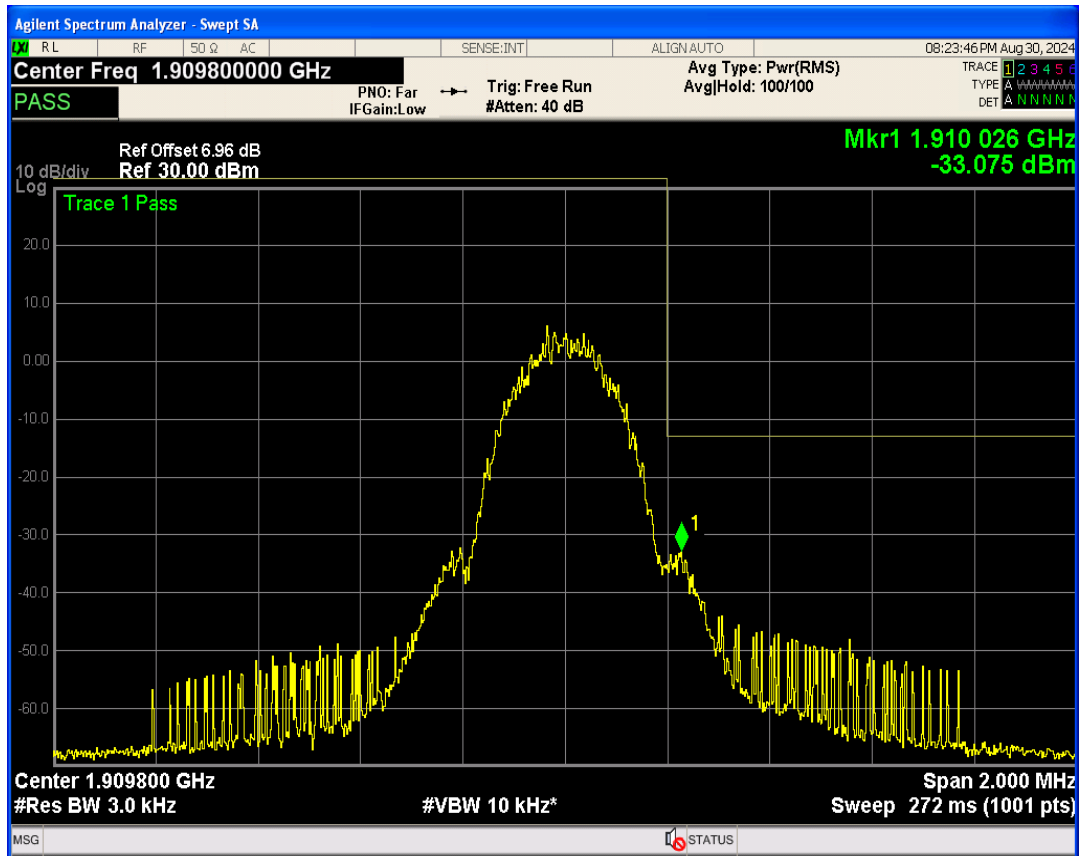
11 Band edge

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
GPRS1900	512	1850.2	1849.98	-30.34	-13	PASS
GPRS1900	810	1909.8	1910.03	-33.07	-13	PASS
GPRS850	128	824.2	823.98	-29.01	-13	PASS
GPRS850	251	848.8	849.02	-28.75	-13	PASS

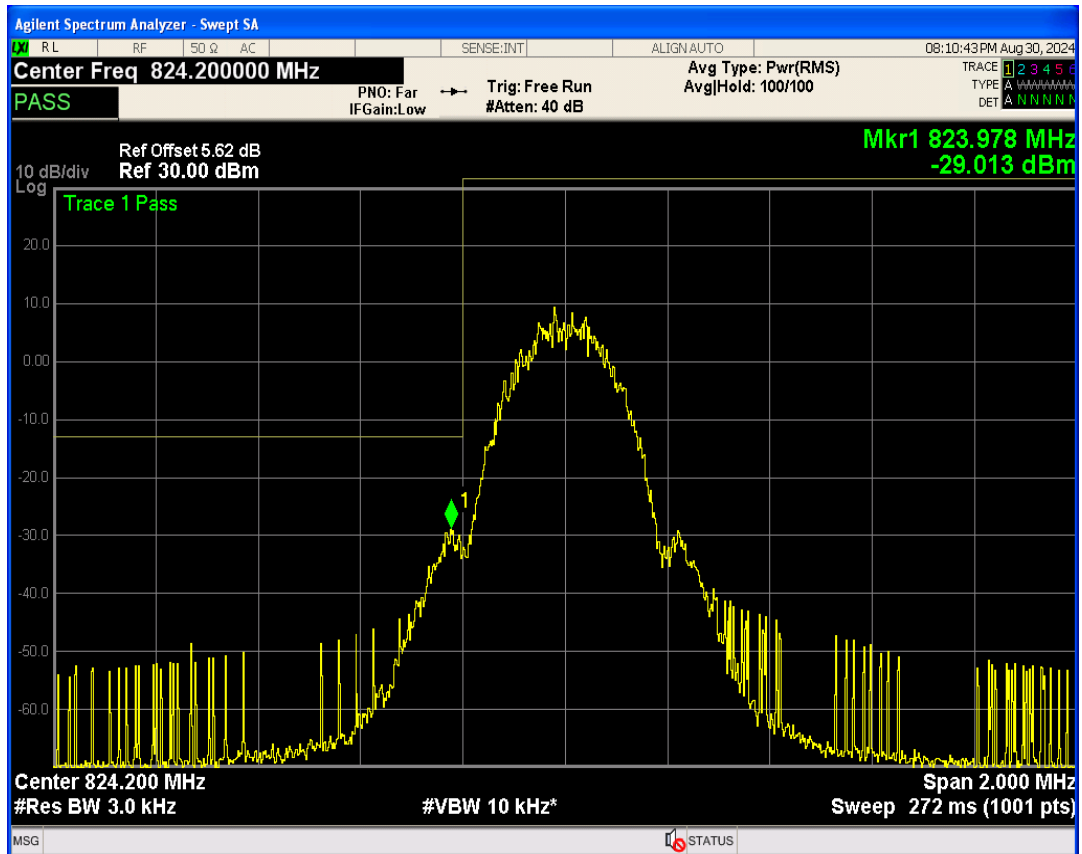
GPRS1900 Channel=512



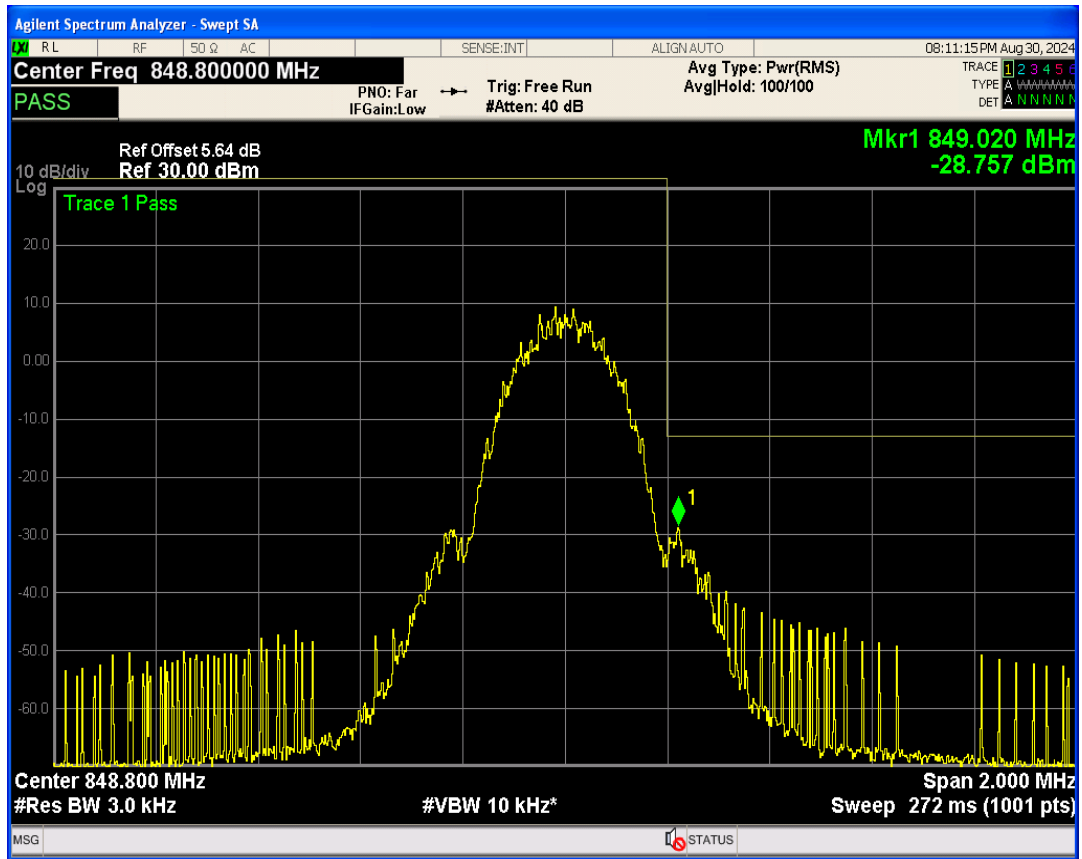
GPRS1900 Channel=810



GPRS850 Channel=128



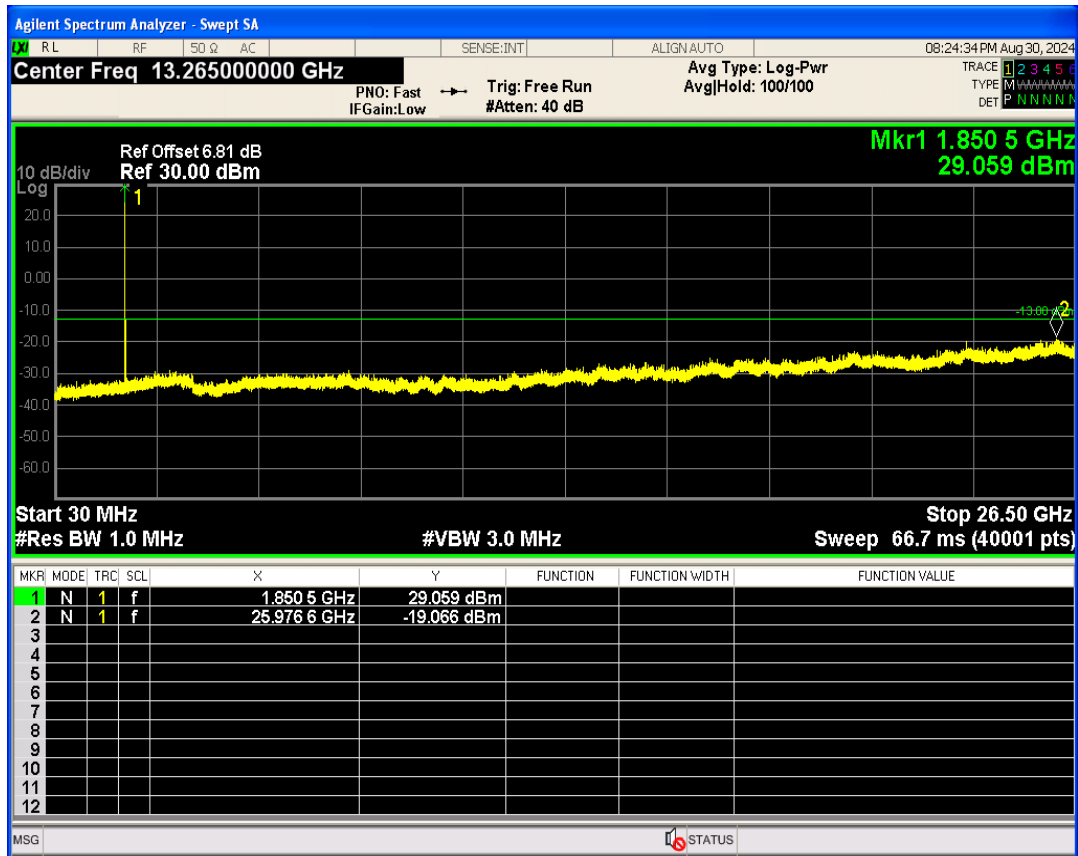
GPRS850 Channel=251



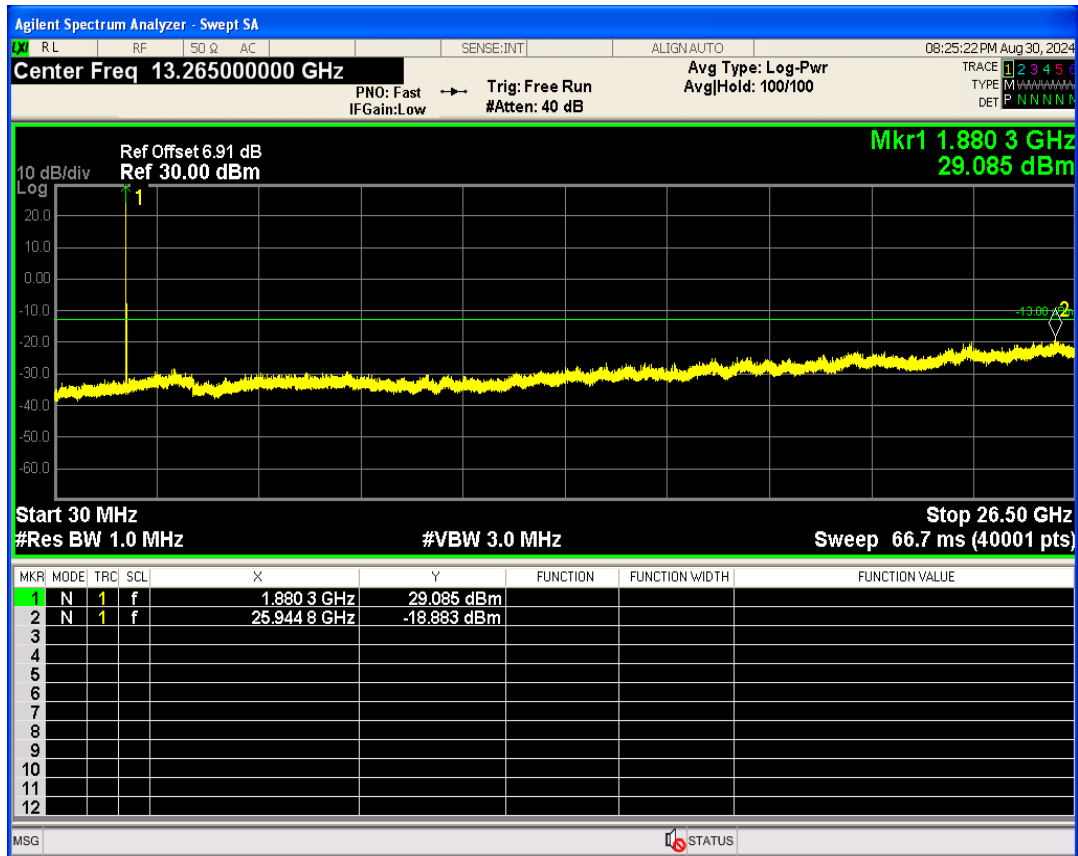
12 Out-of-band emissions

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
GPRS1900	512	1850.2	25976.56	-19.06	-13	PASS
GPRS1900	661	1880	25944.79	-18.88	-13	PASS
GPRS1900	810	1909.8	26043.39	-18.92	-13	PASS
GPRS850	128	824.2	25901.12	-19.99	-13	PASS
GPRS850	189	836.4	26053.98	-20.35	-13	PASS
GPRS850	251	848.8	26009.64	-19.66	-13	PASS

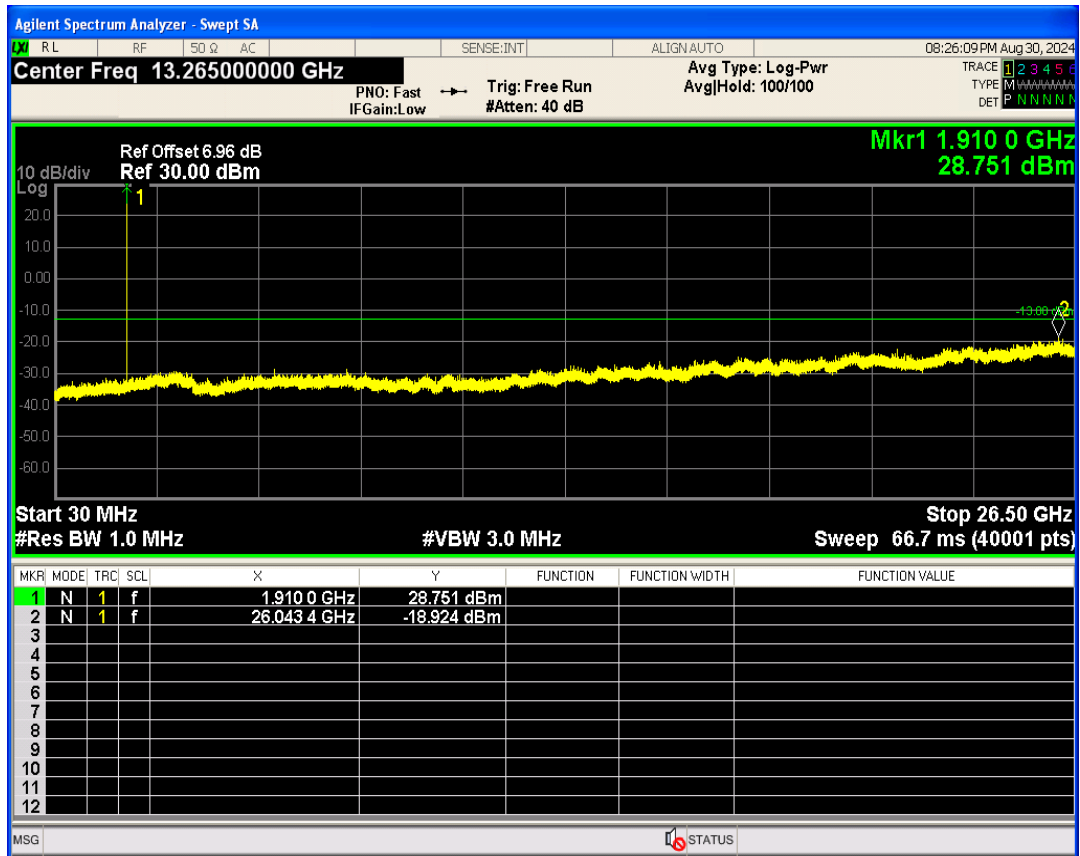
GPRS1900 Channel=512



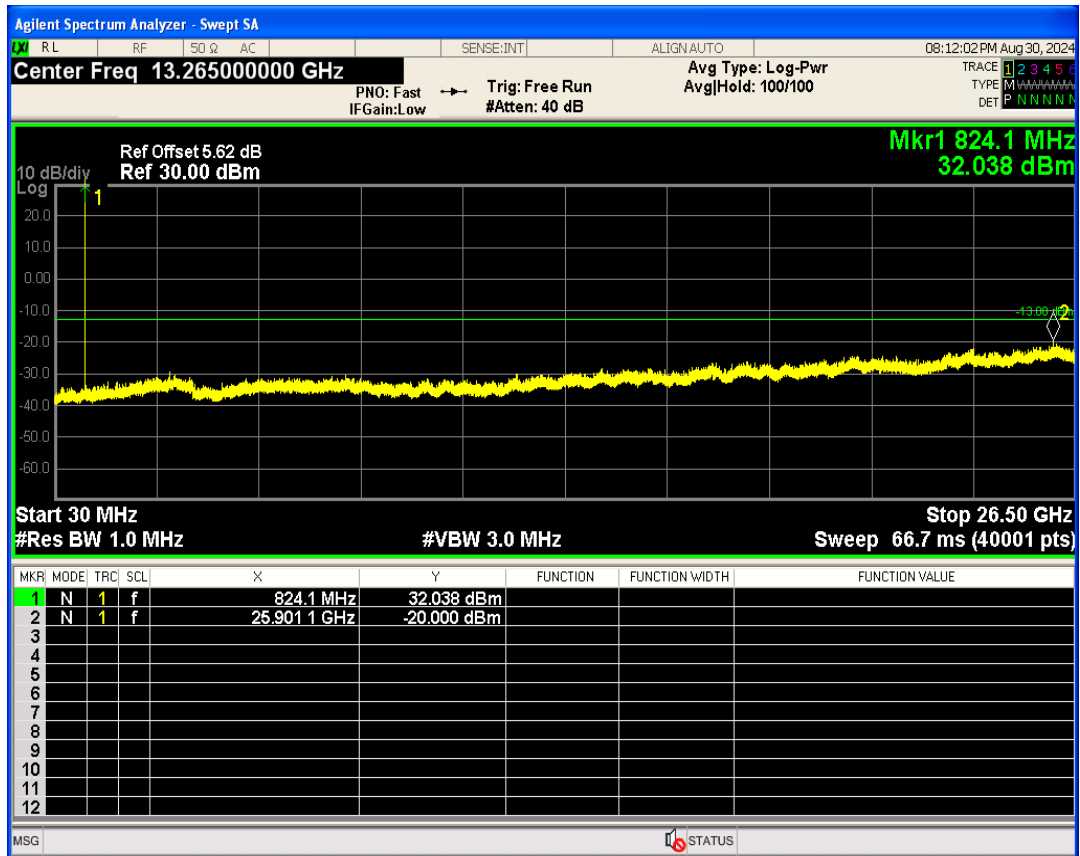
GPRS1900 Channel=661



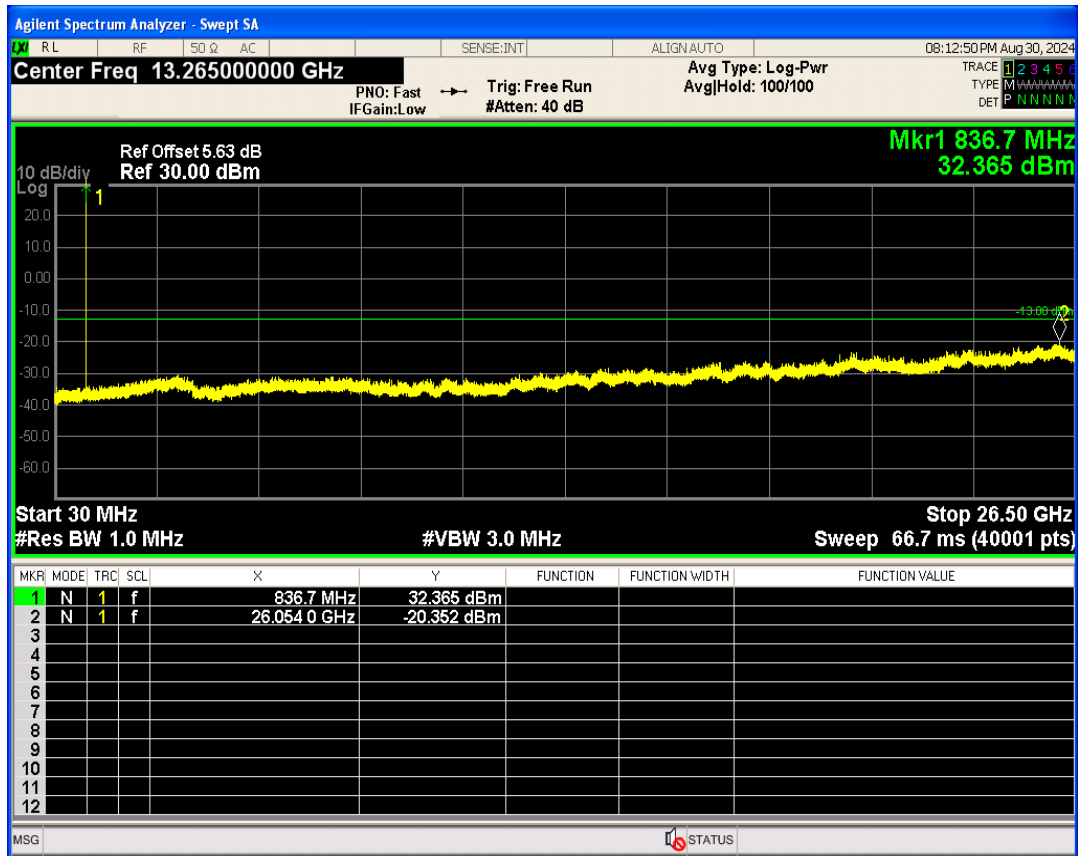
GPRS1900 Channel=810



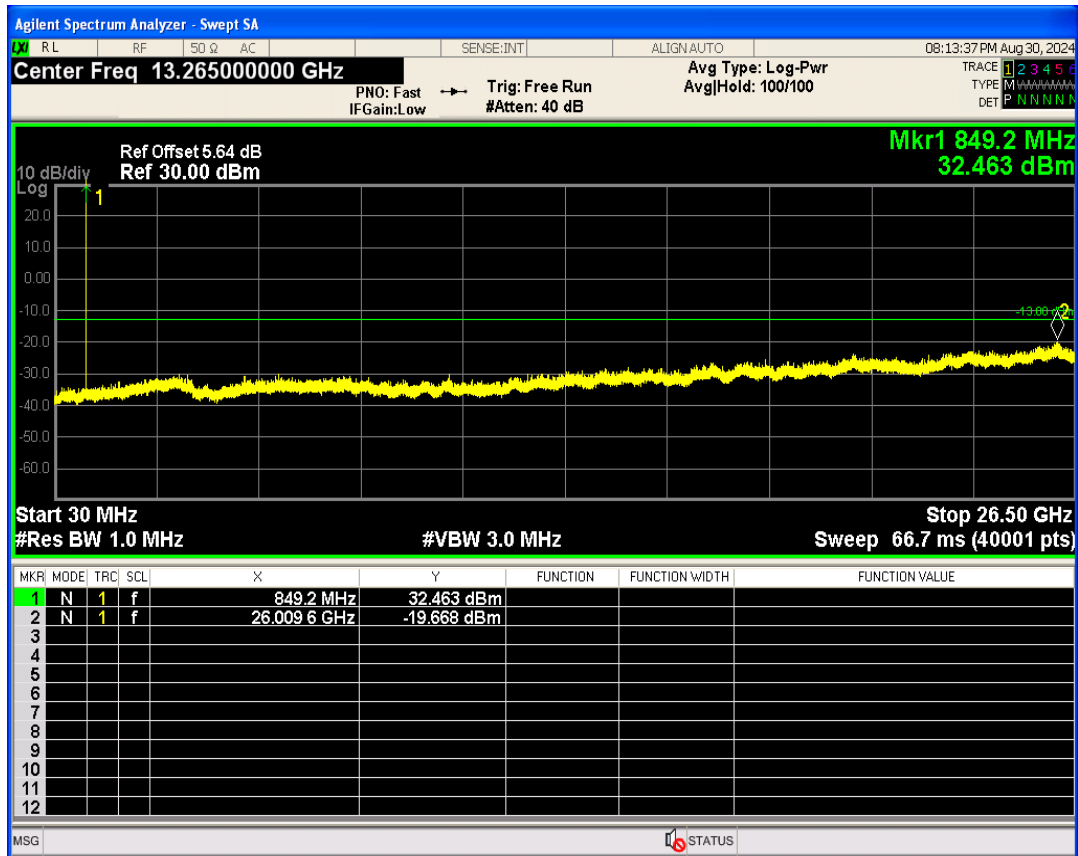
GPRS850 Channel=128



GPRS850 Channel=189



GPRS850 Channel=251



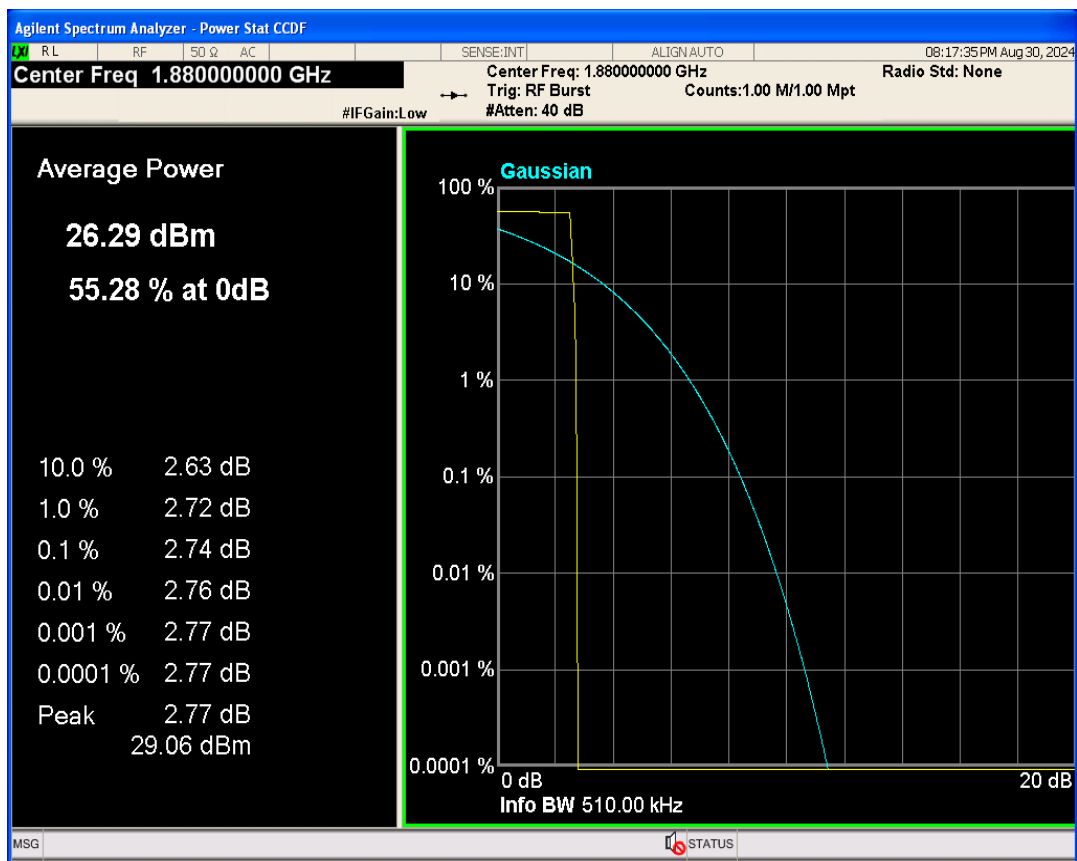
02 Frequency stability

Band	Channel	Frequency (MHz)	Result(Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
GSM1900	661	1880	5.97	0.003	-2.5	2.5	PASS
GSM850	189	836.4	3.16	0.004	-2.5	2.5	PASS

03 Peak-to-Average Ratio

Band	Channel	Frequency (MHz)	Result (dB)	high Limit (dB)	Verdict
GSM1900	512	1850.2	2.71	13	PASS
GSM1900	661	1880	2.74	13	PASS
GSM1900	810	1909.8	2.74	13	PASS
GSM850	128	824.2	2.89	13	PASS
GSM850	189	836.4	2.85	13	PASS
GSM850	251	848.8	2.81	13	PASS

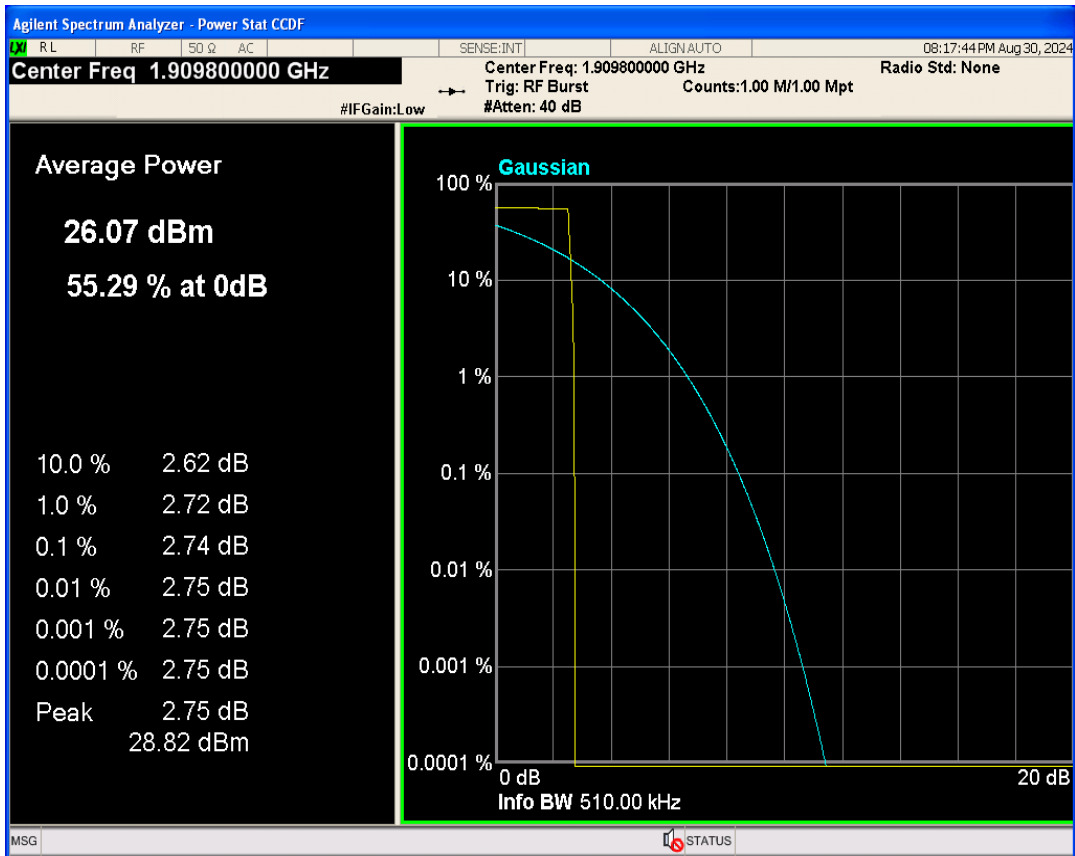
GSM1900 Channel=661



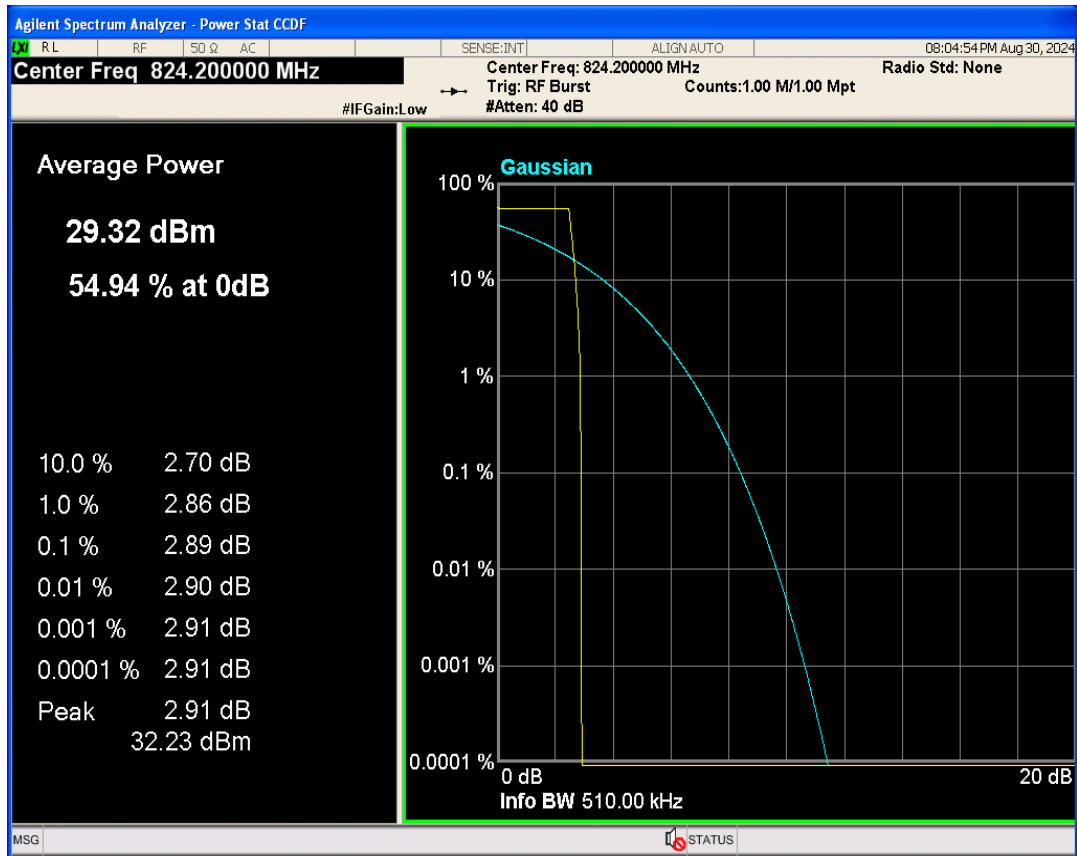
GSM1900 Channel=512



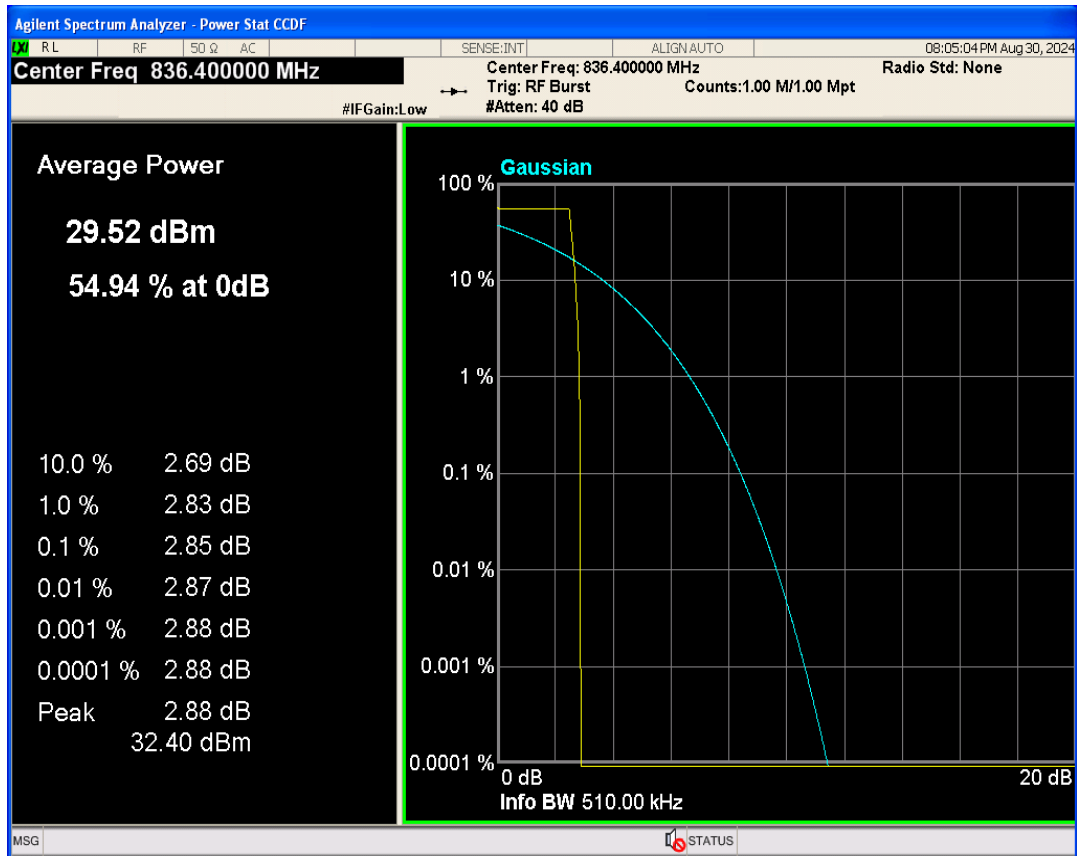
GSM1900 Channel=810



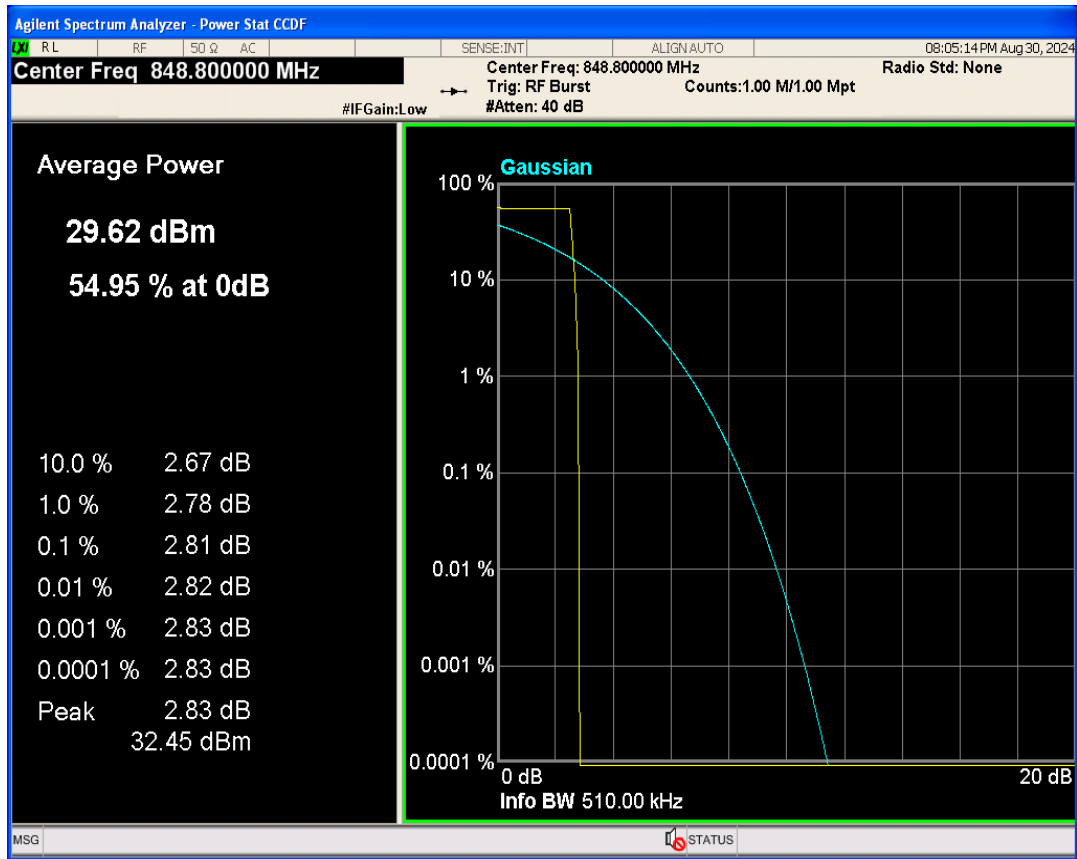
GSM850 Channel=128



GSM850 Channel=189



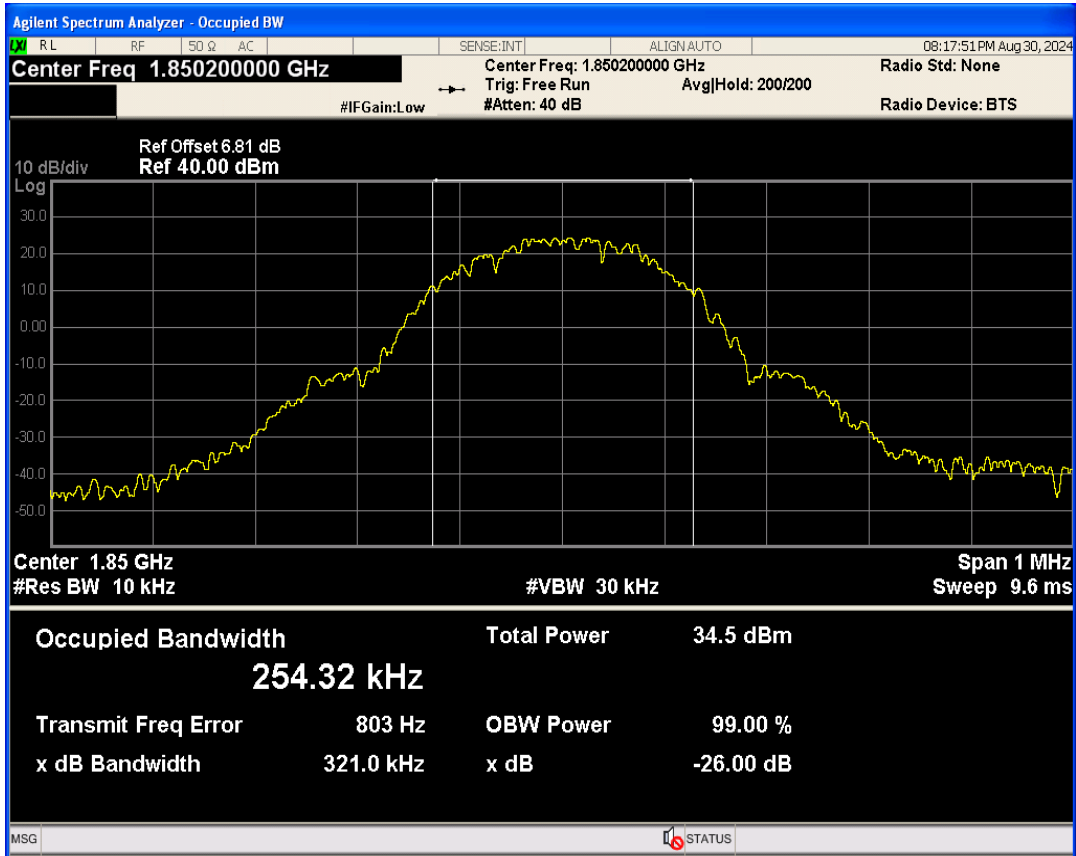
GSM850 Channel=251



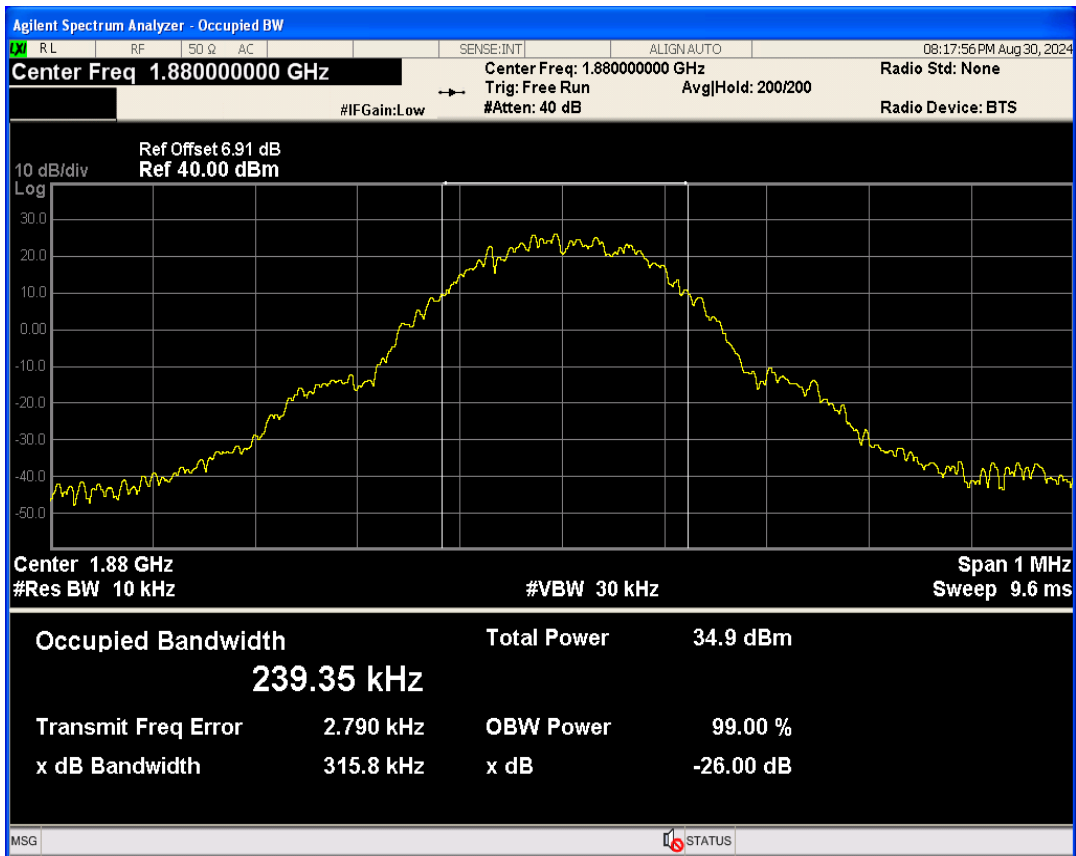
04 Occupied bandwidth

Band	Channel	Frequency (MHz)	99% OBW (kHz)	-26dB EBW (kHz)	Verdict
GSM1900	512	1850.2	254.320	320.954	PASS
GSM1900	661	1880	239.351	315.772	PASS
GSM1900	810	1909.8	243.475	306.582	PASS
GSM850	128	824.2	241.414	317.413	PASS
GSM850	189	836.4	246.512	318.572	PASS
GSM850	251	848.8	245.806	318.965	PASS

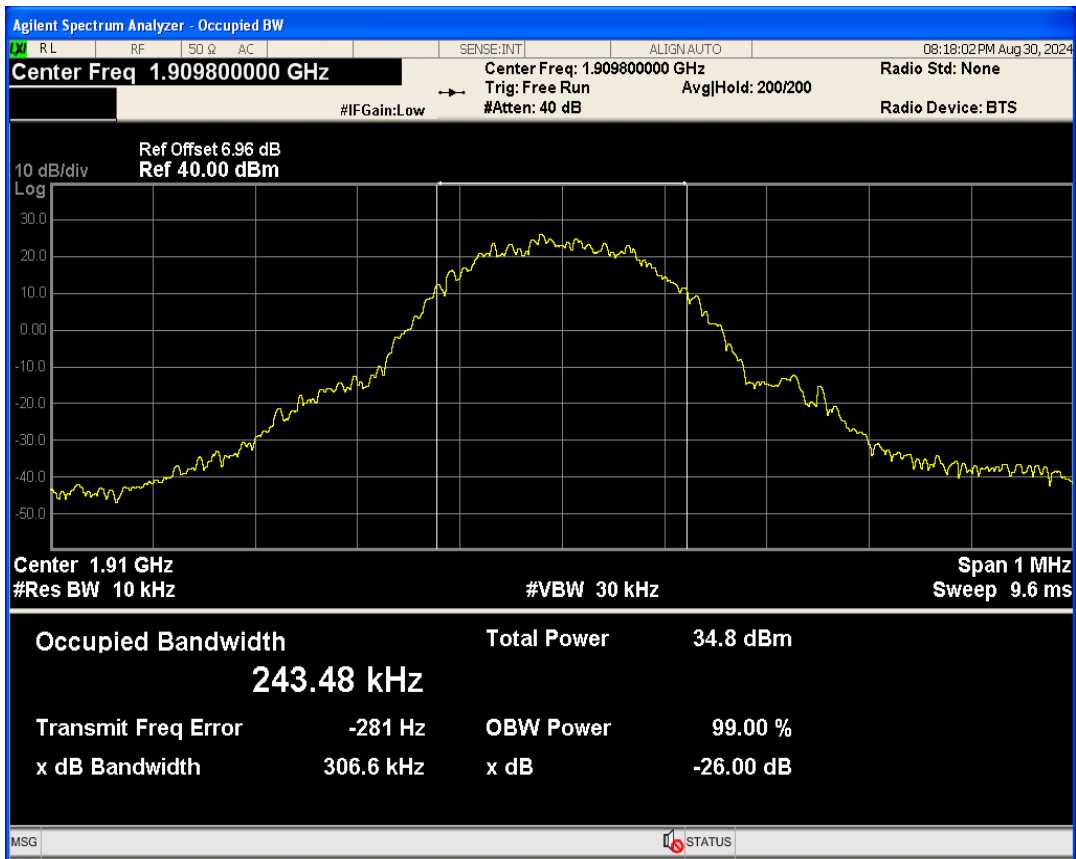
GSM1900 Channel=512



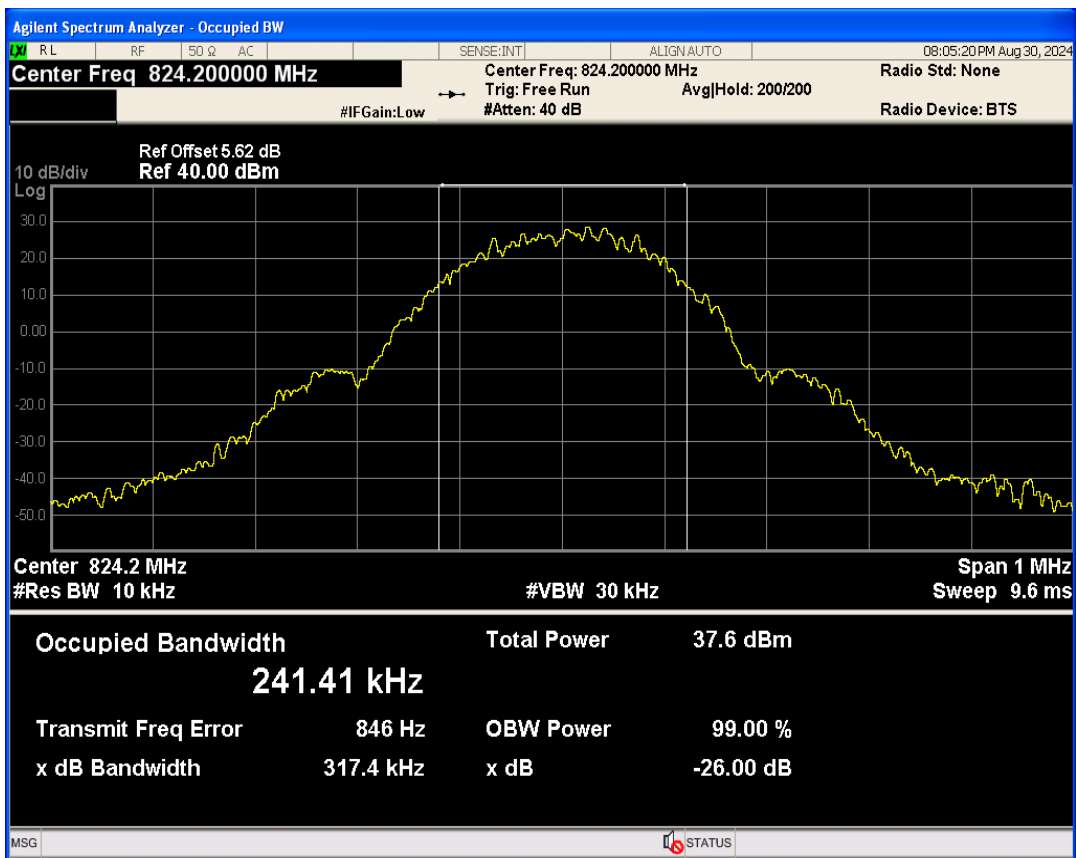
GSM1900 Channel=661



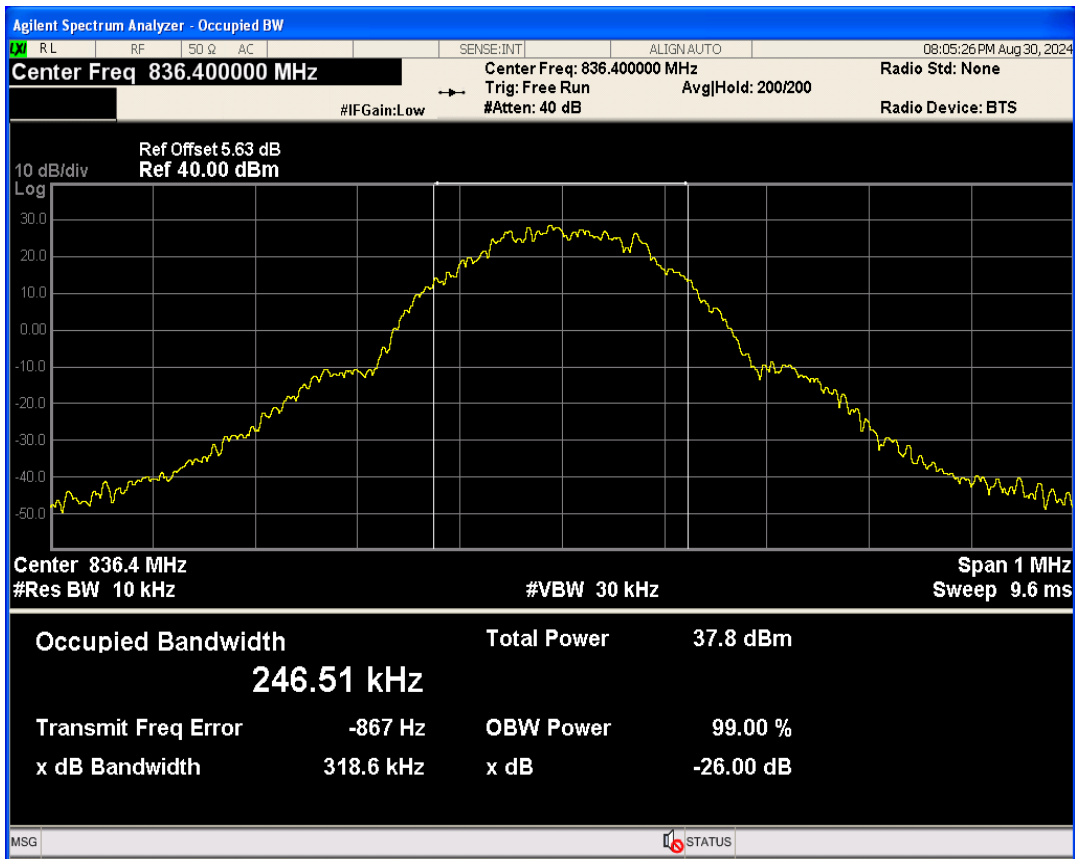
GSM1900 Channel=810



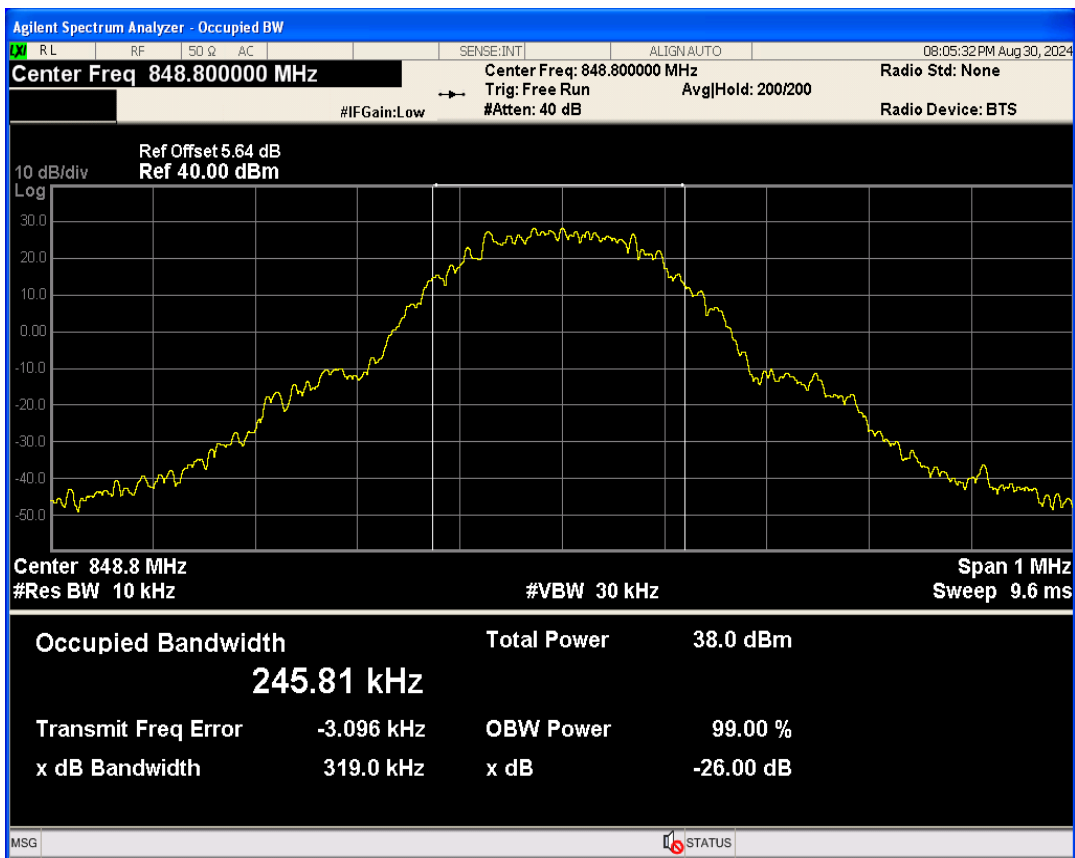
GSM850 Channel=128



GSM850 Channel=189



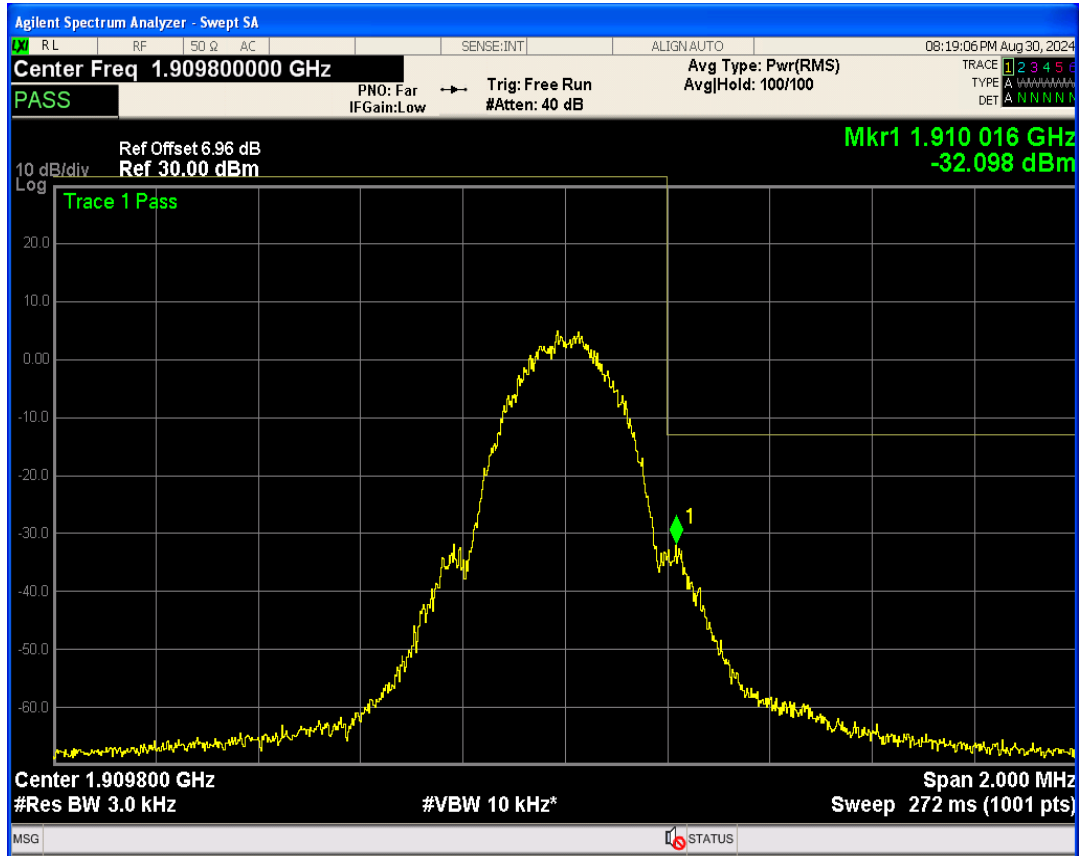
GSM850 Channel=251



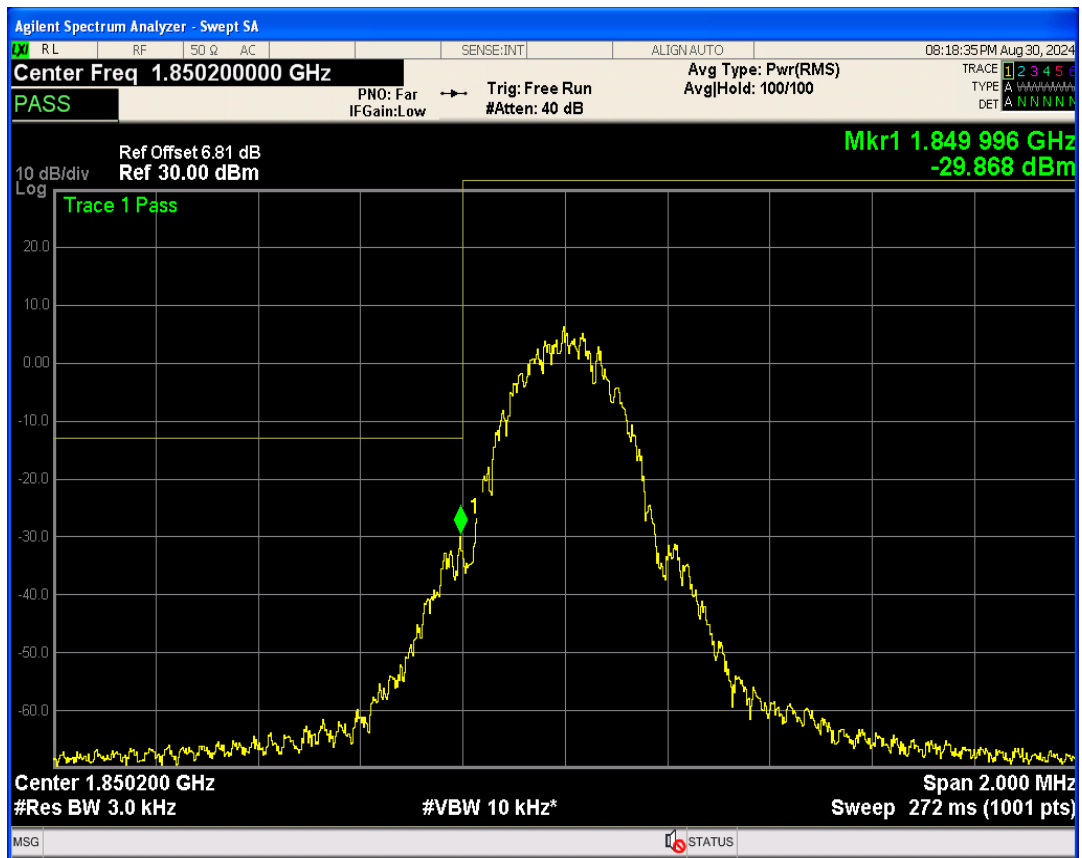
05 Band edge

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
GSM1900	512	1850.2	1850.00	-29.86	-13	PASS
GSM1900	810	1909.8	1910.02	-32.09	-13	PASS
GSM850	128	824.2	823.98	-26.80	-13	PASS
GSM850	251	848.8	849.02	-26.12	-13	PASS

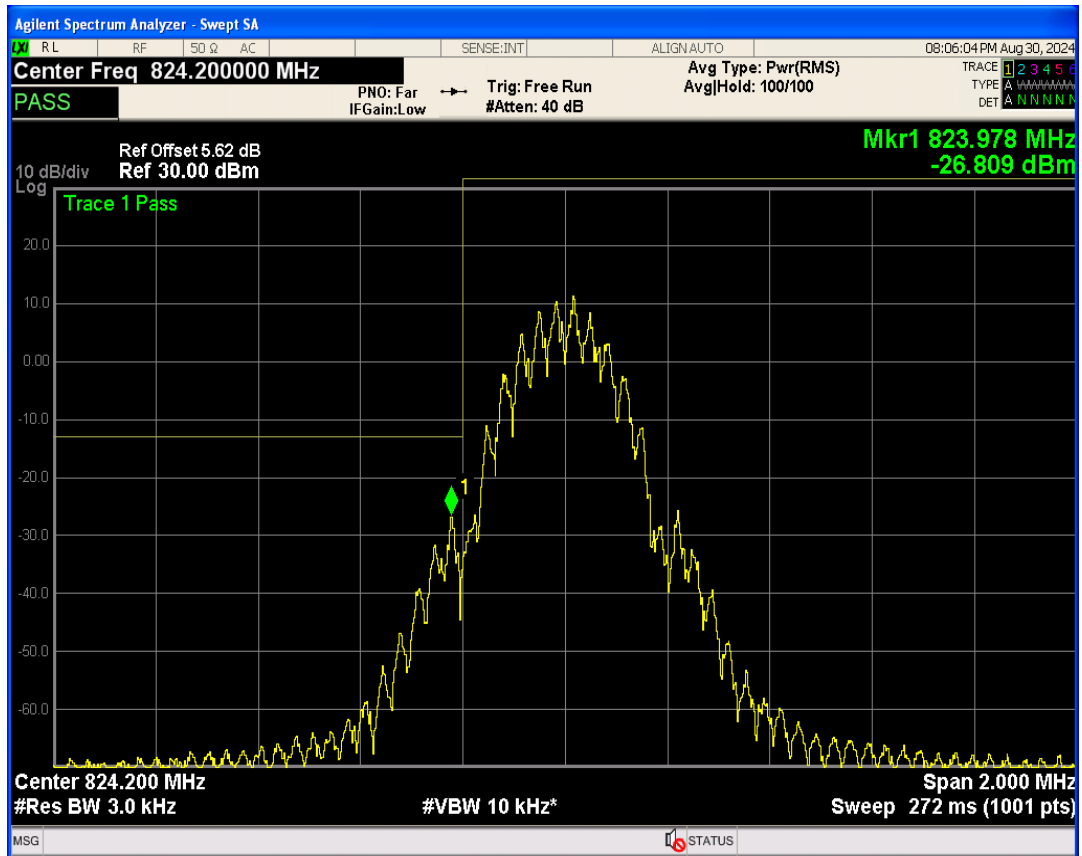
GSM1900 Channel=810



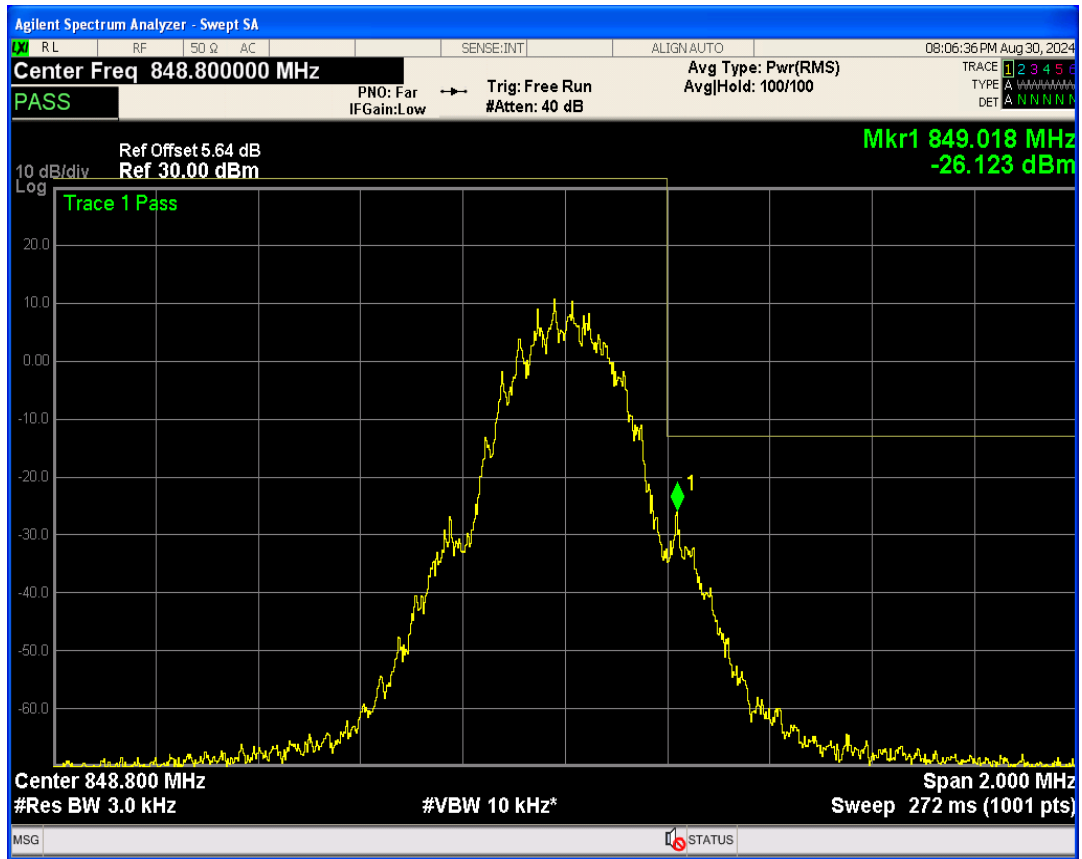
GSM1900 Channel=512



GSM850 Channel=128



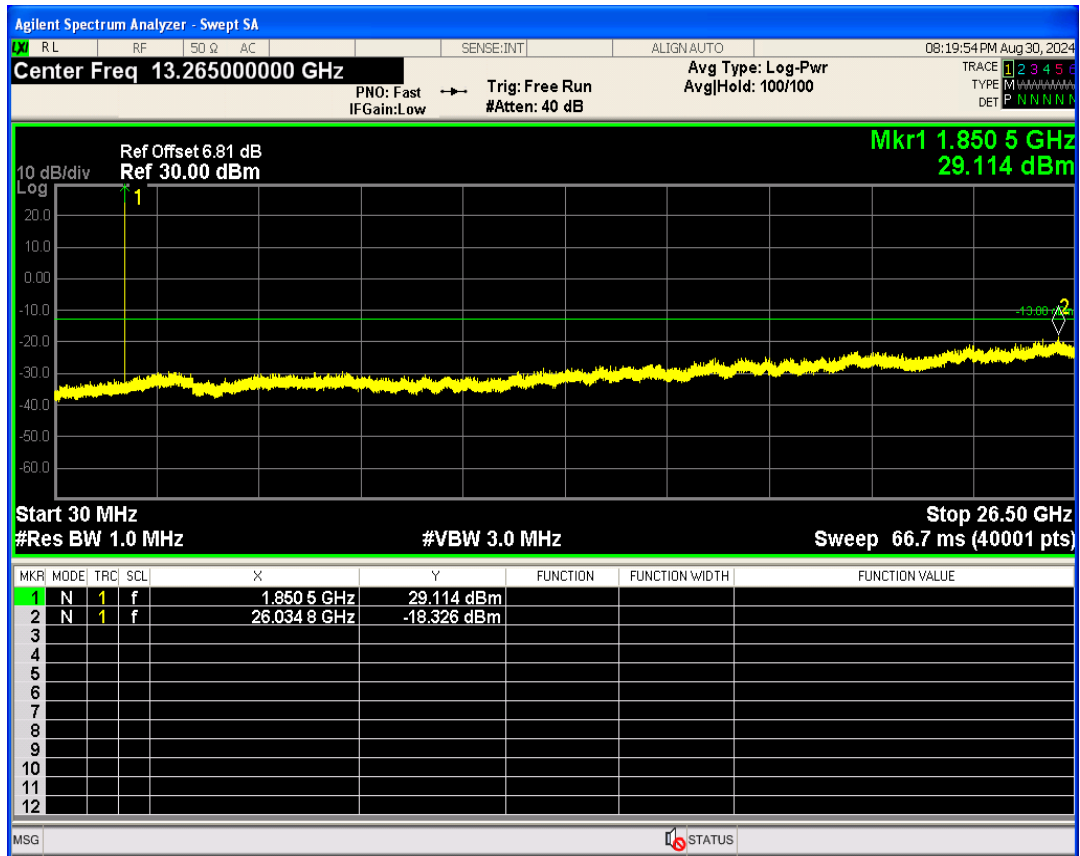
GSM850 Channel=251



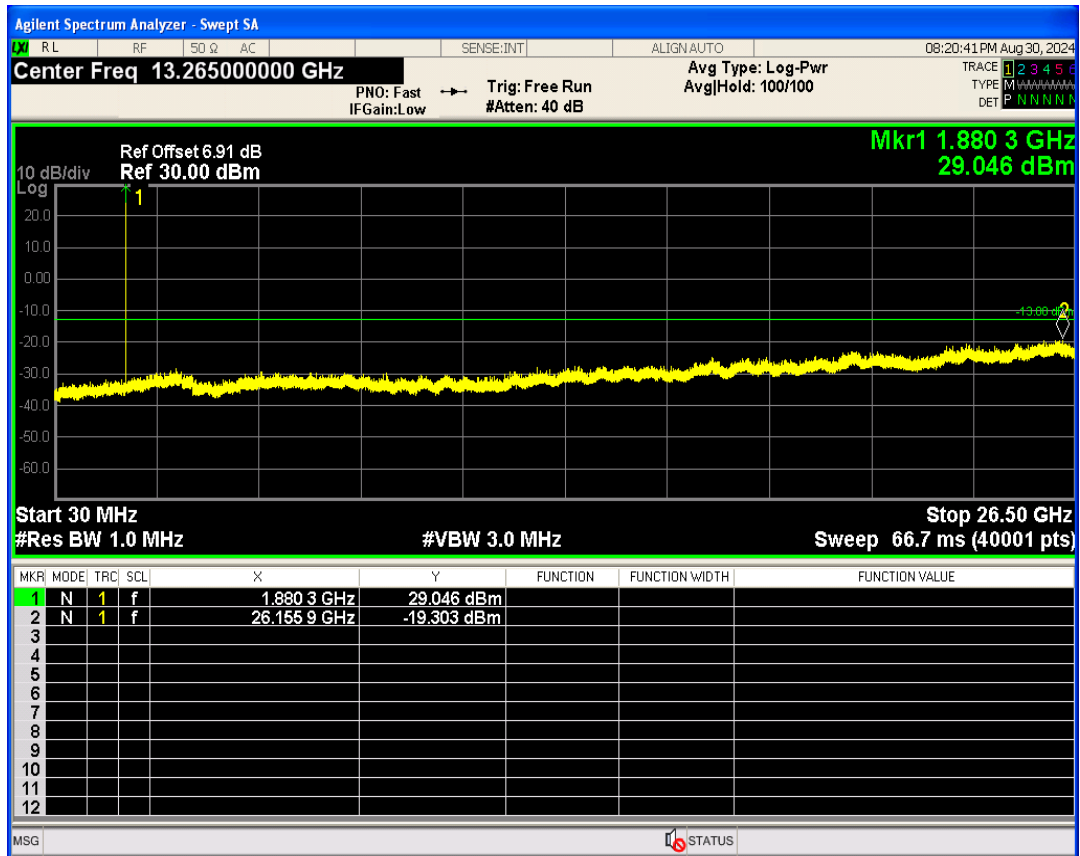
06 Out-of-band emissions

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
GSM1900	512	1850.2	26034.79	-18.32	-13	PASS
GSM1900	661	1880	26155.89	-19.30	-13	PASS
GSM1900	810	1909.8	26043.39	-18.94	-13	PASS
GSM850	128	824.2	25872.66	-20.17	-13	PASS
GSM850	189	836.4	25593.40	-20.67	-13	PASS
GSM850	251	848.8	25893.18	-20.29	-13	PASS

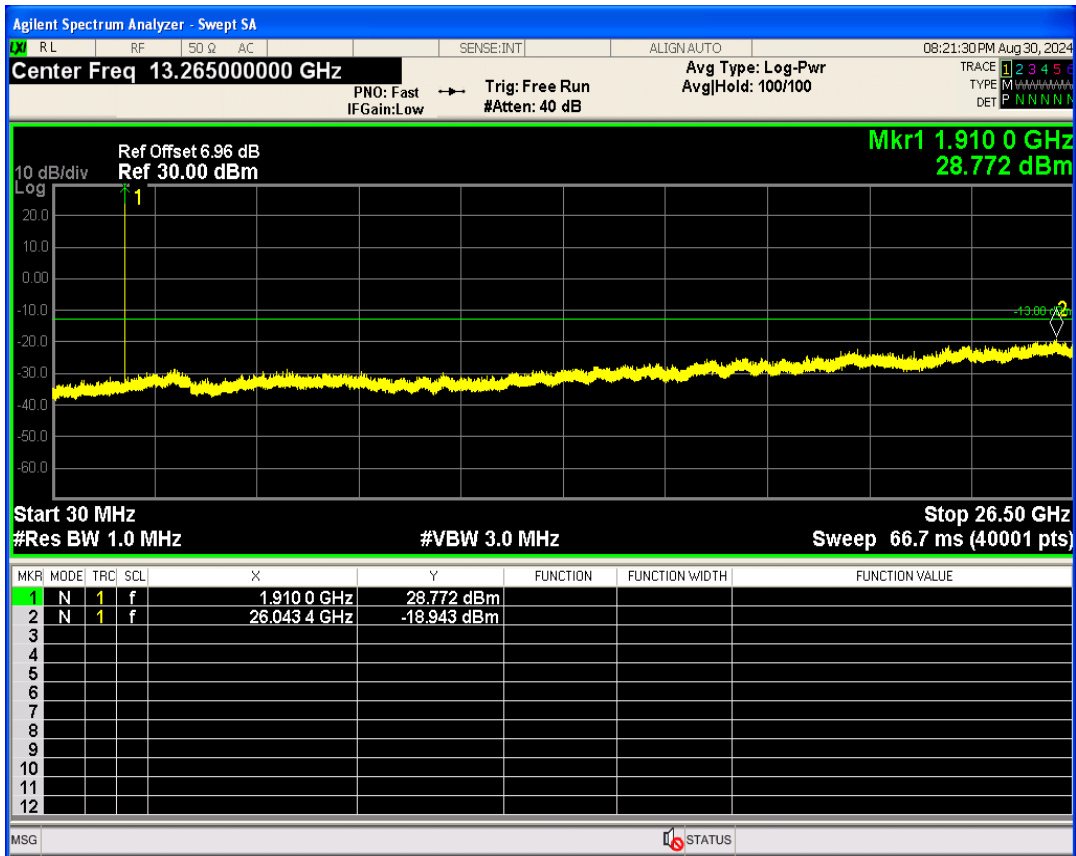
GSM1900 Channel=512



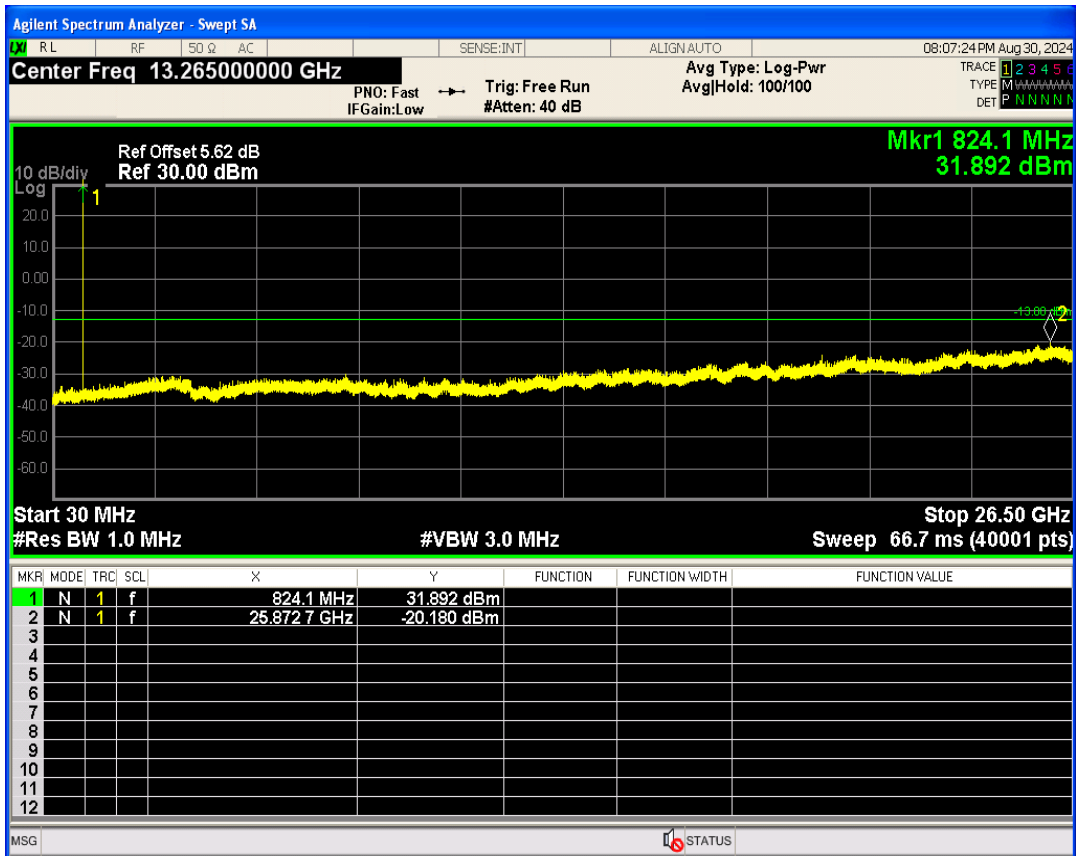
GSM1900 Channel=661



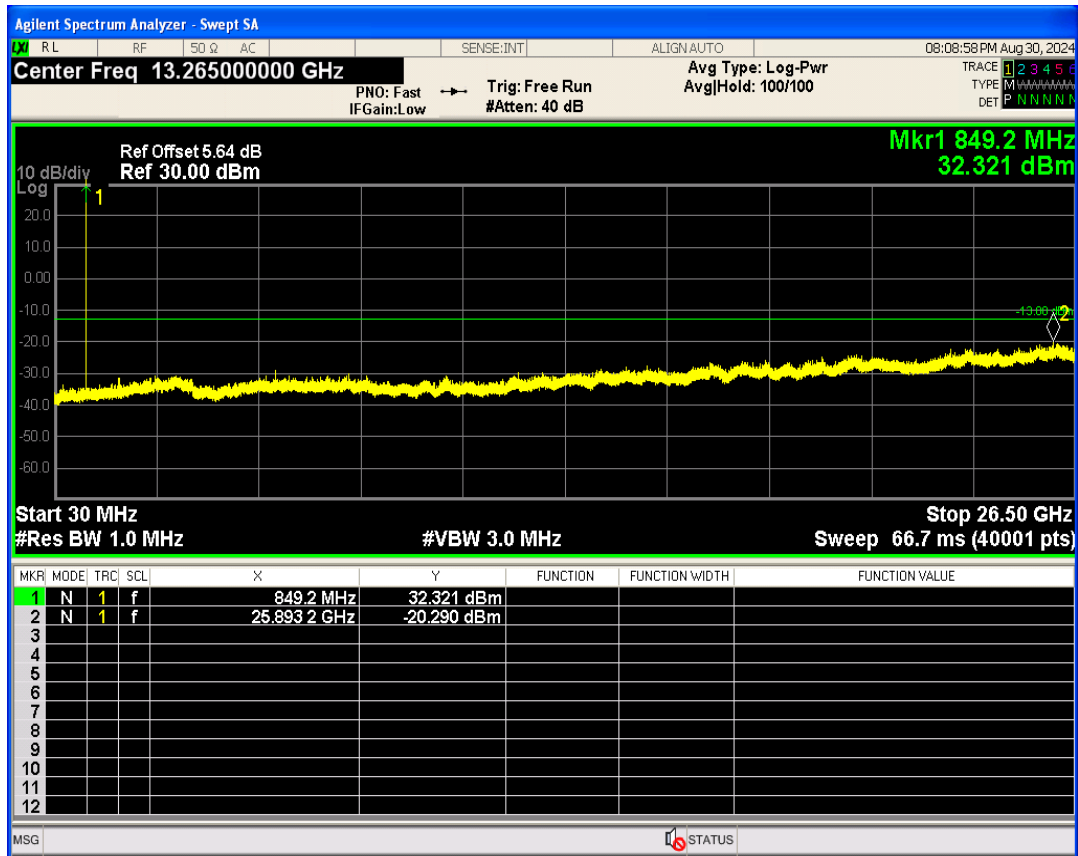
GSM1900 Channel=810



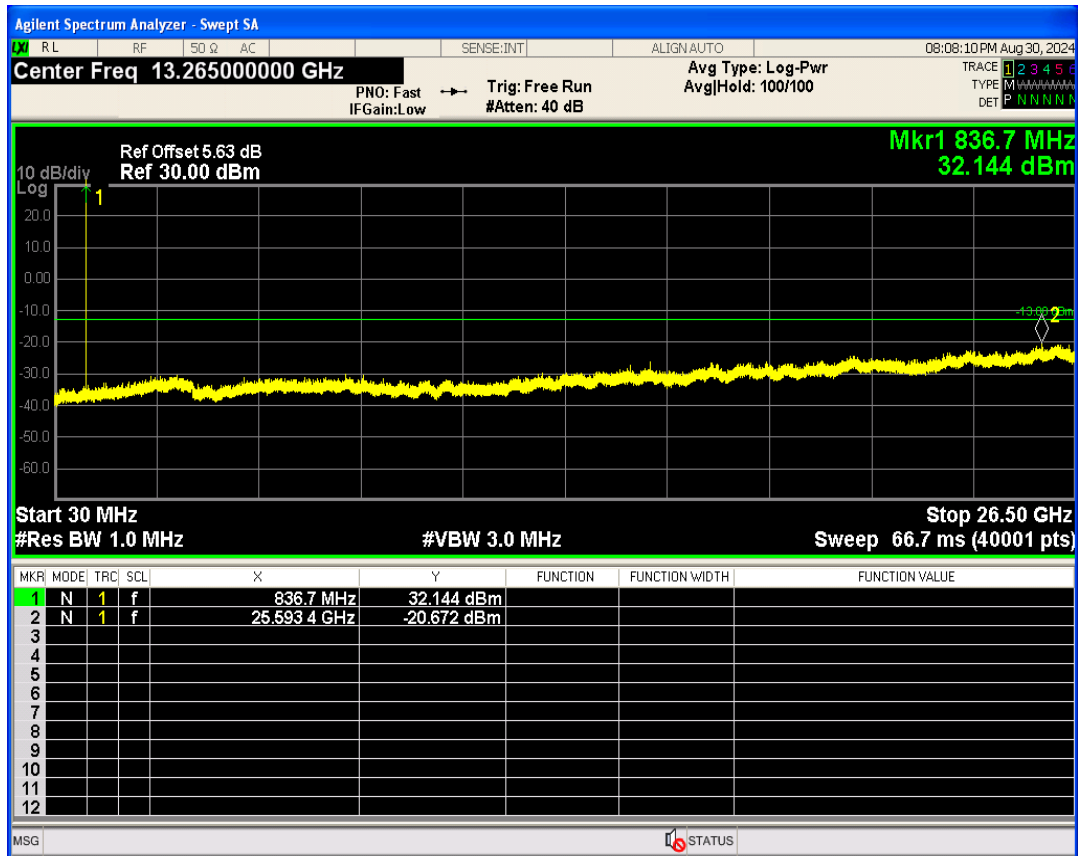
GSM850 Channel=128



GSM850 Channel=251



GSM850 Channel=189



3G

01 Conducted output power

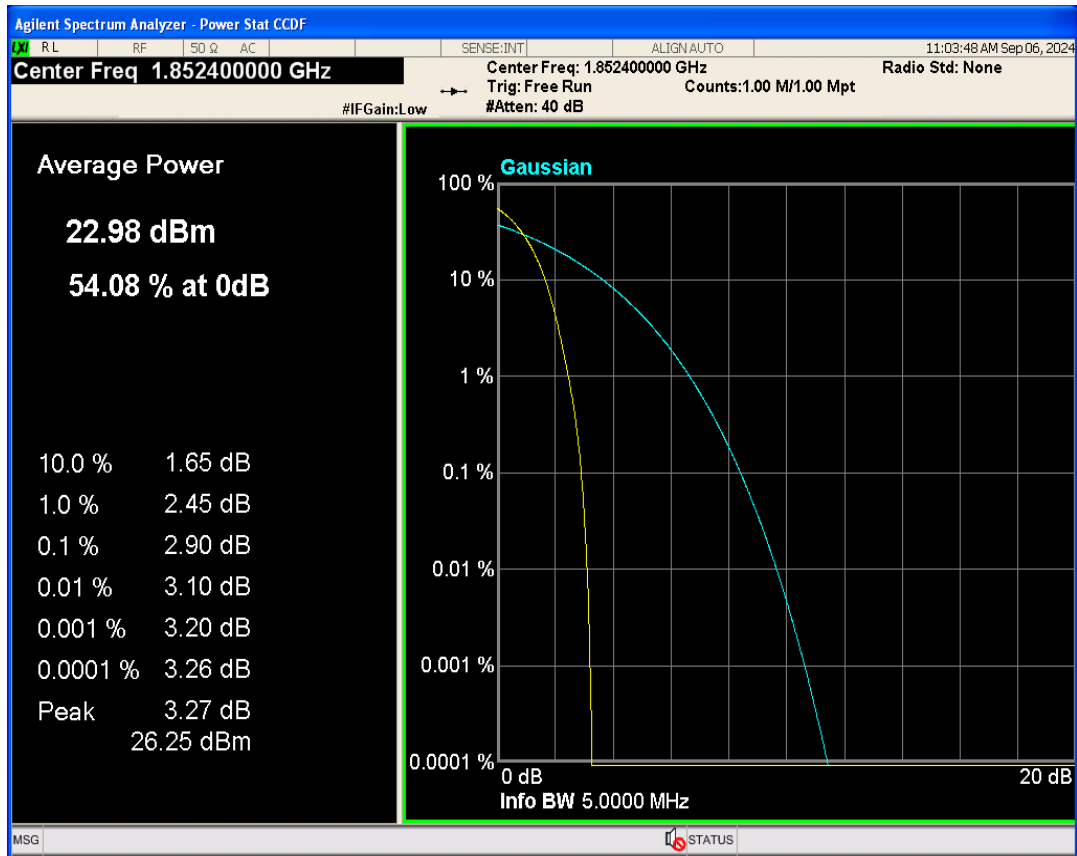
Band	Channel	Frequency (MHz)	Power (dBm)	Verdict
HSDPA Band2 Subtest1	9262	1852.4	22.72	PASS
HSDPA Band2 Subtest2	9262	1852.4	22.23	PASS
HSDPA Band2 Subtest3	9262	1852.4	21.89	PASS
HSDPA Band2 Subtest4	9262	1852.4	21.80	PASS
HSDPA Band2 Subtest1	9400	1880	22.45	PASS
HSDPA Band2 Subtest2	9400	1880	22.09	PASS
HSDPA Band2 Subtest3	9400	1880	21.62	PASS
HSDPA Band2 Subtest4	9400	1880	21.61	PASS
HSDPA Band2 Subtest1	9538	1907.6	22.32	PASS
HSDPA Band2 Subtest2	9538	1907.6	22.08	PASS
HSDPA Band2 Subtest3	9538	1907.6	21.88	PASS
HSDPA Band2 Subtest4	9538	1907.6	21.68	PASS
HSUPA Band2 Subtest1	9262	1852.4	22.67	PASS
HSUPA Band2 Subtest2	9262	1852.4	22.47	PASS
HSUPA Band2 Subtest3	9262	1852.4	21.97	PASS
HSUPA Band2 Subtest4	9262	1852.4	22.32	PASS
HSUPA Band2 Subtest5	9262	1852.4	22.17	PASS
HSUPA Band2 Subtest1	9400	1880	22.38	PASS
HSUPA Band2 Subtest2	9400	1880	22.32	PASS
HSUPA Band2 Subtest3	9400	1880	21.97	PASS
HSUPA Band2 Subtest4	9400	1880	22.06	PASS
HSUPA Band2 Subtest5	9400	1880	22.32	PASS
HSUPA Band2 Subtest1	9538	1907.6	22.09	PASS
HSUPA Band2 Subtest2	9538	1907.6	22.24	PASS
HSUPA Band2 Subtest3	9538	1907.6	21.92	PASS
HSUPA Band2 Subtest4	9538	1907.6	22.18	PASS
HSUPA Band2 Subtest5	9538	1907.6	21.95	PASS
WCDMA Band2	9262	1852.4	23.08	PASS
WCDMA Band2	9400	1880	23.10	PASS
WCDMA Band2	9538	1907.6	23.15	PASS
HSDPA Band5 Subtest1	4132	826.4	23.87	PASS
HSDPA Band5 Subtest2	4132	826.4	23.30	PASS
HSDPA Band5 Subtest3	4132	826.4	22.91	PASS
HSDPA Band5 Subtest4	4132	826.4	22.66	PASS
HSDPA Band5 Subtest1	4182	836.4	22.85	PASS
HSDPA Band5 Subtest2	4182	836.4	22.50	PASS
HSDPA Band5 Subtest3	4182	836.4	22.20	PASS
HSDPA Band5 Subtest4	4182	836.4	21.92	PASS
HSDPA Band5 Subtest1	4233	846.6	22.97	PASS
HSDPA Band5 Subtest2	4233	846.6	22.76	PASS
HSDPA Band5 Subtest3	4233	846.6	22.20	PASS

HSDPA Band5 Subtest4	4233	846.6	22.07	PASS
HSUPA Band5 Subtest1	4132	826.4	23.50	PASS
HSUPA Band5 Subtest2	4132	826.4	23.43	PASS
HSUPA Band5 Subtest3	4132	826.4	23.08	PASS
HSUPA Band5 Subtest4	4132	826.4	23.13	PASS
HSUPA Band5 Subtest5	4132	826.4	23.03	PASS
HSUPA Band5 Subtest1	4182	836.4	22.19	PASS
HSUPA Band5 Subtest2	4182	836.4	22.43	PASS
HSUPA Band5 Subtest3	4182	836.4	22.12	PASS
HSUPA Band5 Subtest4	4182	836.4	22.51	PASS
HSUPA Band5 Subtest5	4182	836.4	22.19	PASS
HSUPA Band5 Subtest1	4233	846.6	22.49	PASS
HSUPA Band5 Subtest2	4233	846.6	22.74	PASS
HSUPA Band5 Subtest3	4233	846.6	22.35	PASS
HSUPA Band5 Subtest4	4233	846.6	22.68	PASS
HSUPA Band5 Subtest5	4233	846.6	22.36	PASS
WCDMA Band5	4132	826.4	23.35	PASS
WCDMA Band5	4182	836.4	23.36	PASS
WCDMA Band5	4233	846.6	23.29	PASS

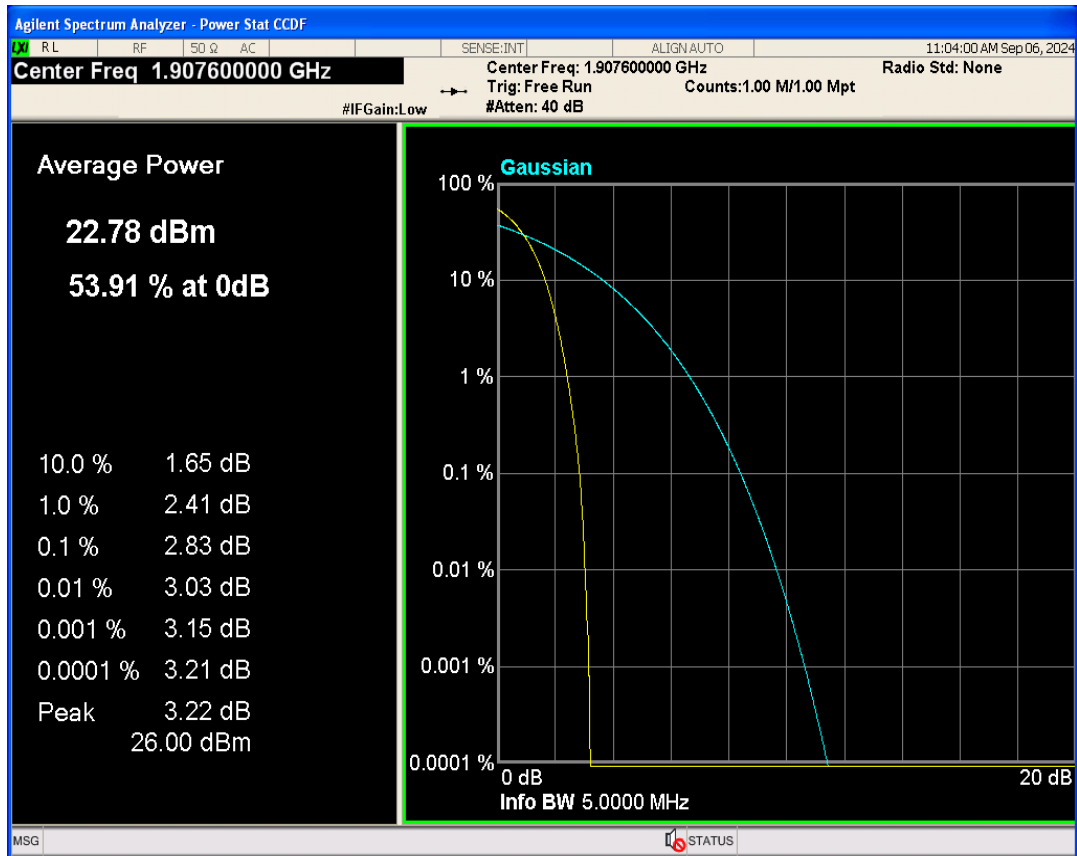
03 Peak-to-Average Ratio

Band	Channel	Frequency (MHz)	Result (dB)	high Limit (dB)	Verdict
WCDMA Band2	9262	1852.4	2.90	13	PASS
WCDMA Band2	9400	1880	2.92	13	PASS
WCDMA Band2	9538	1907.6	2.83	13	PASS
WCDMA Band5	4132	826.4	2.32	13	PASS
WCDMA Band5	4182	836.4	2.31	13	PASS
WCDMA Band5	4233	846.6	2.53	13	PASS

WCDMA Band2 Channel=9262



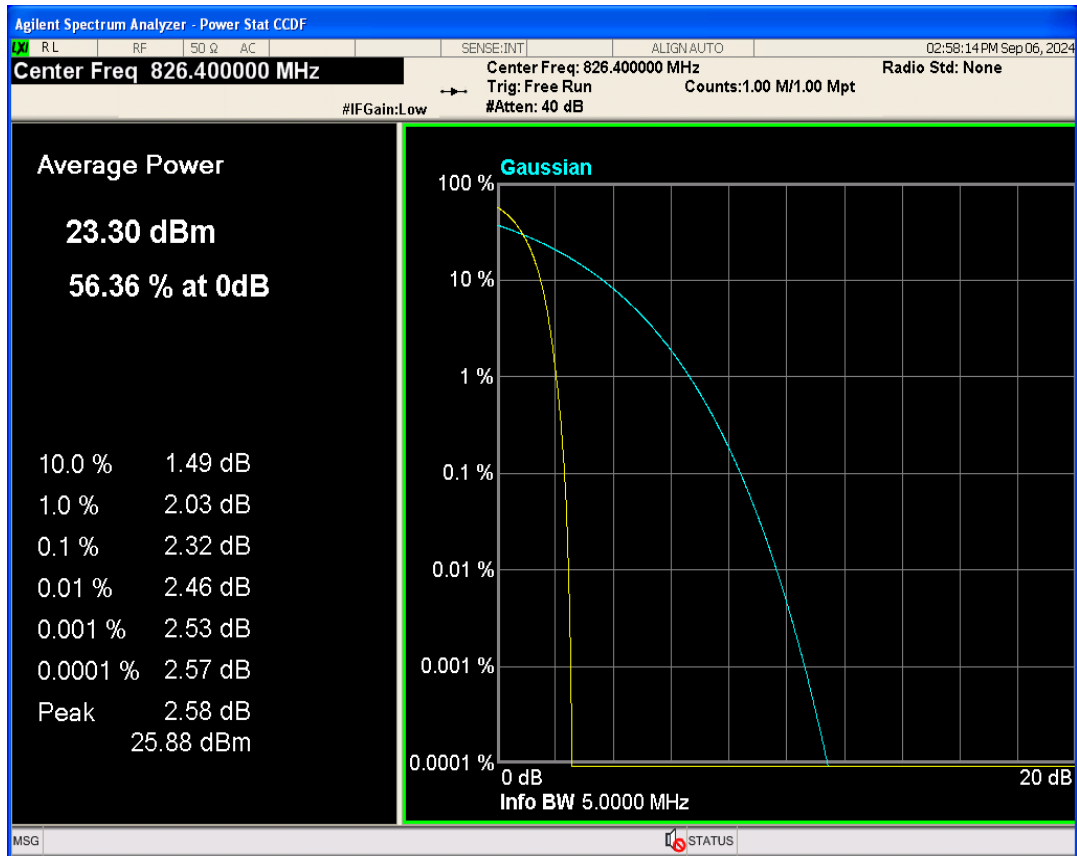
WCDMA Band2 Channel=9538



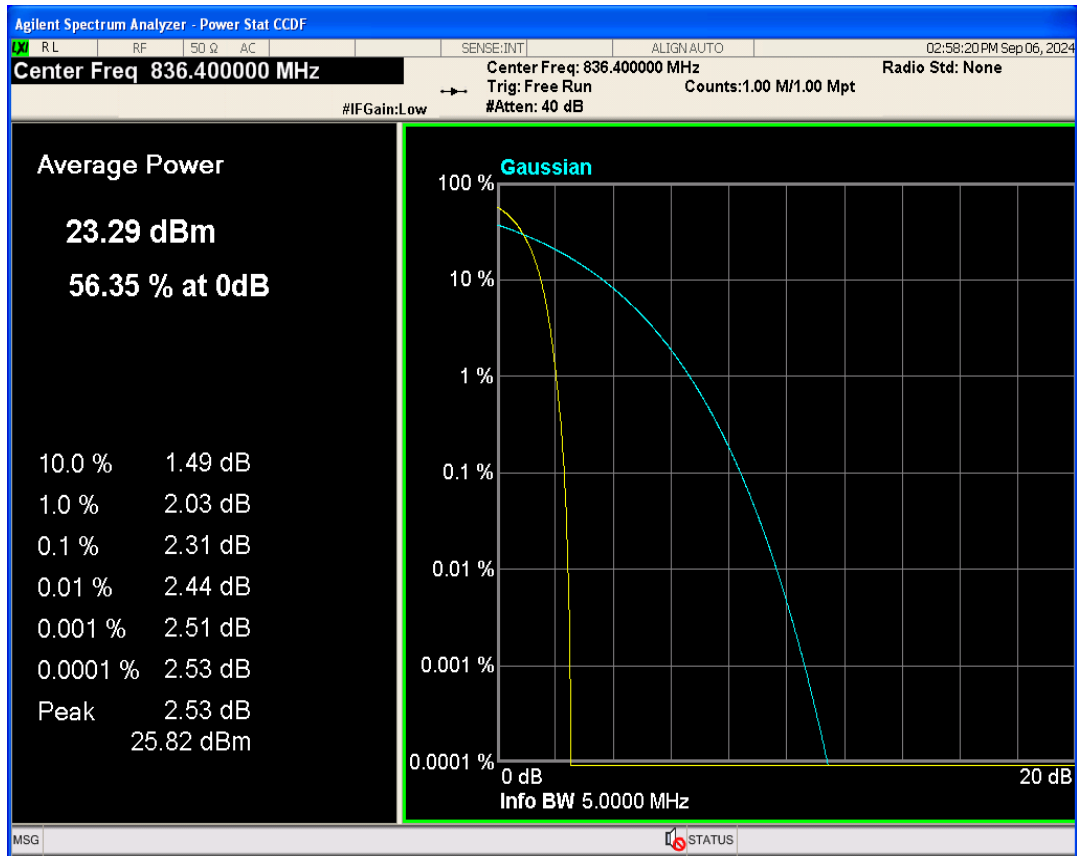
WCDMA Band2 Channel=9400



WCDMA Band5 Channel=4132



WCDMA Band5 Channel=4182



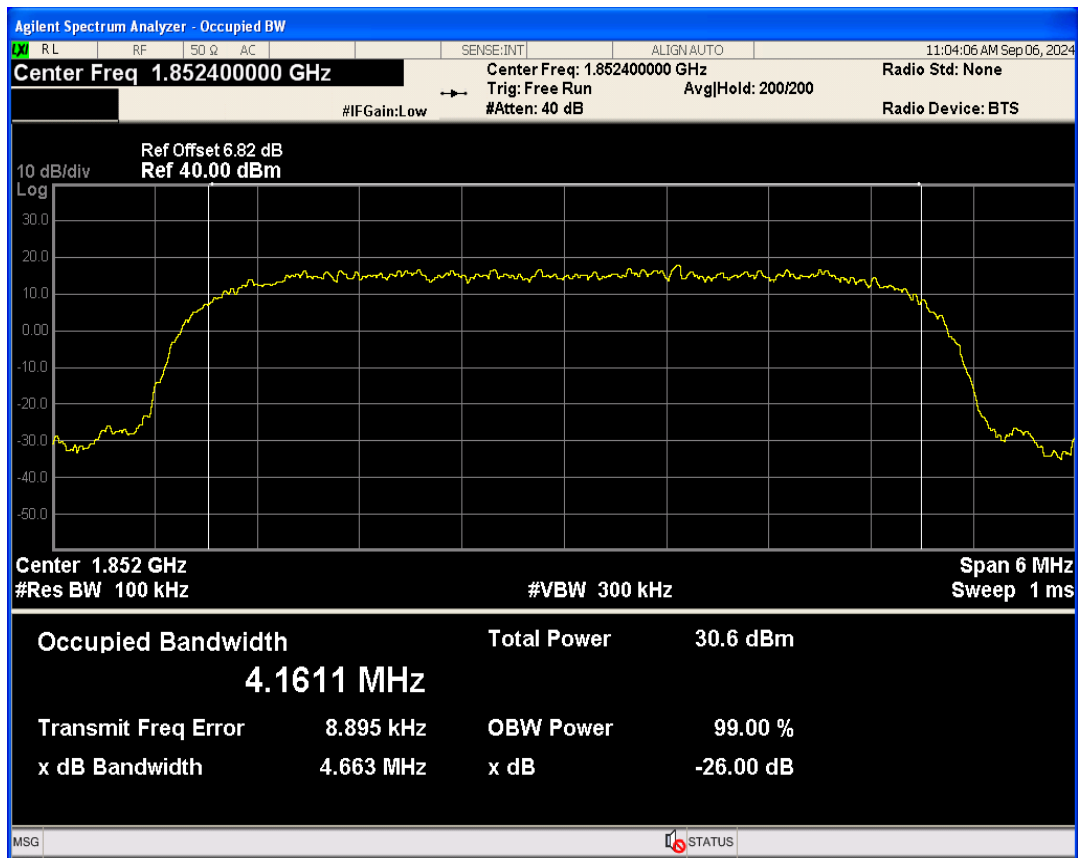
WCDMA Band5 Channel=4233



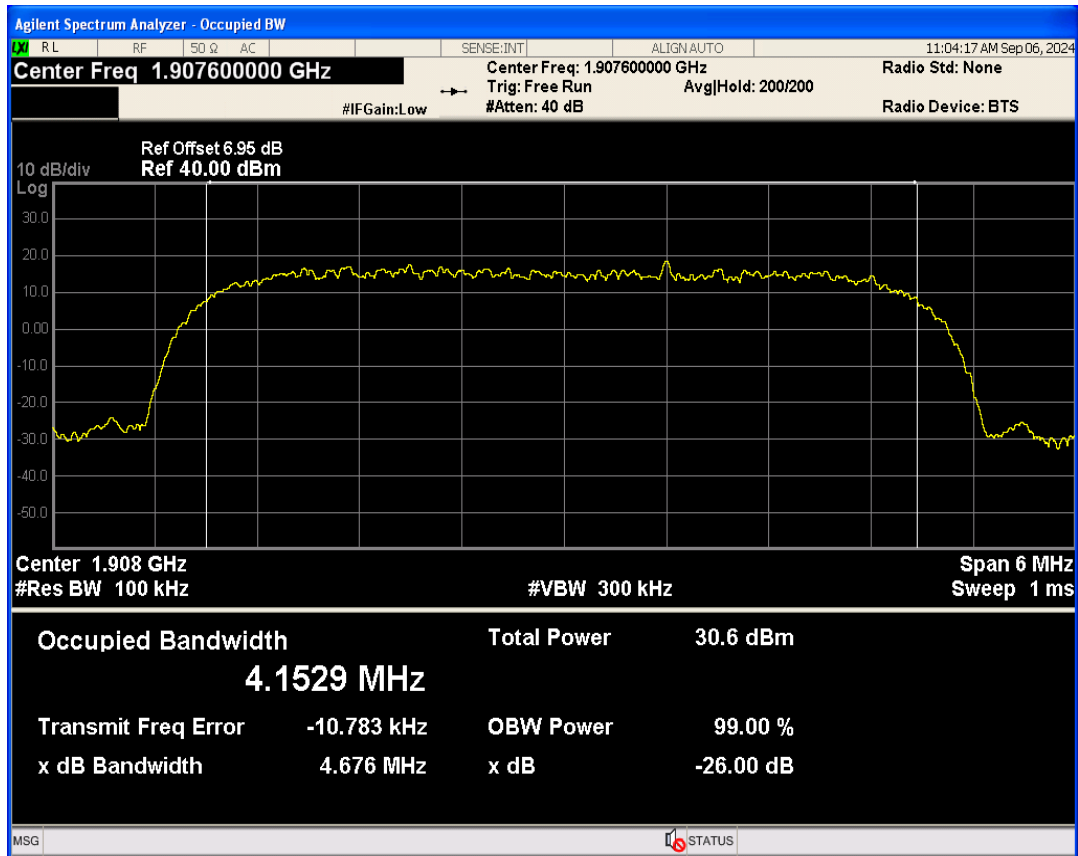
04 Occupied bandwidth

Band	Channel	Frequency (MHz)	99% OBW (kHz)	-26dB EBW (kHz)	Verdict
WCDMA Band2	9262	1852.4	4161.081	4663.285	PASS
WCDMA Band2	9400	1880	4146.054	4685.578	PASS
WCDMA Band2	9538	1907.6	4152.923	4676.016	PASS
WCDMA Band5	4132	826.4	4164.582	4705.368	PASS
WCDMA Band5	4182	836.4	4170.635	4714.838	PASS
WCDMA Band5	4233	846.6	4158.954	4699.245	PASS

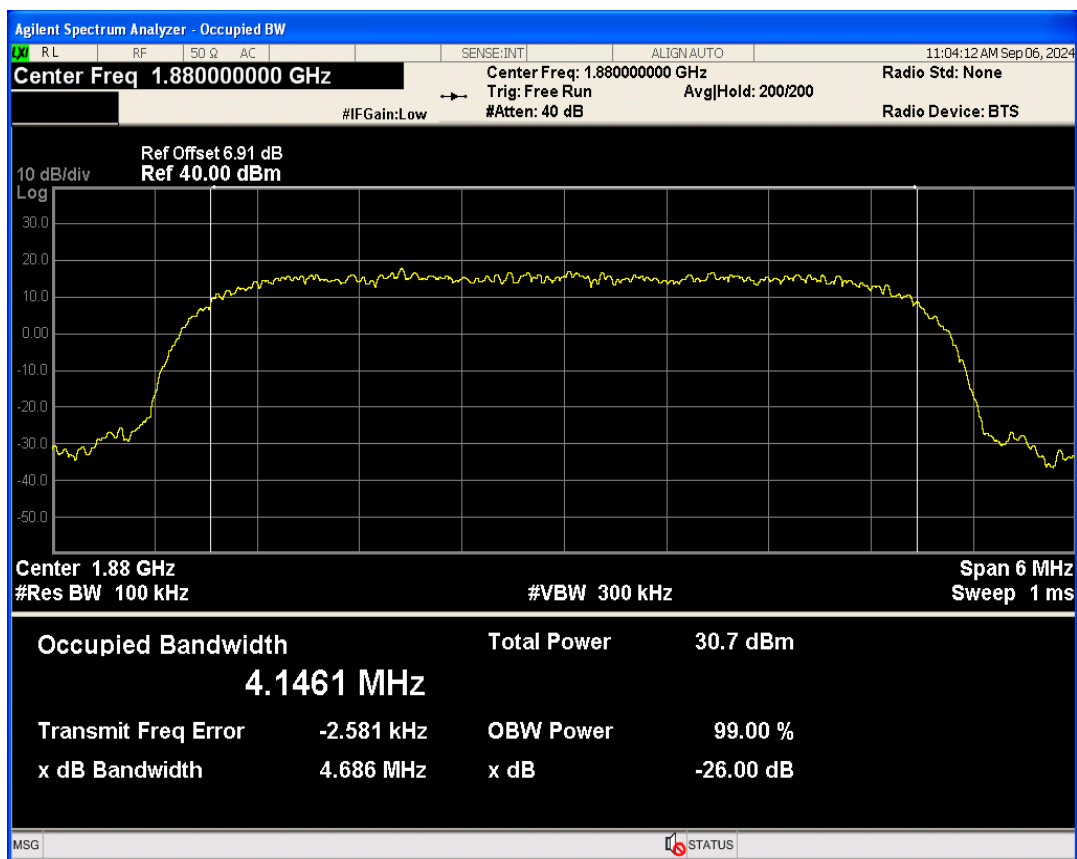
WCDMA Band2 Channel=9262



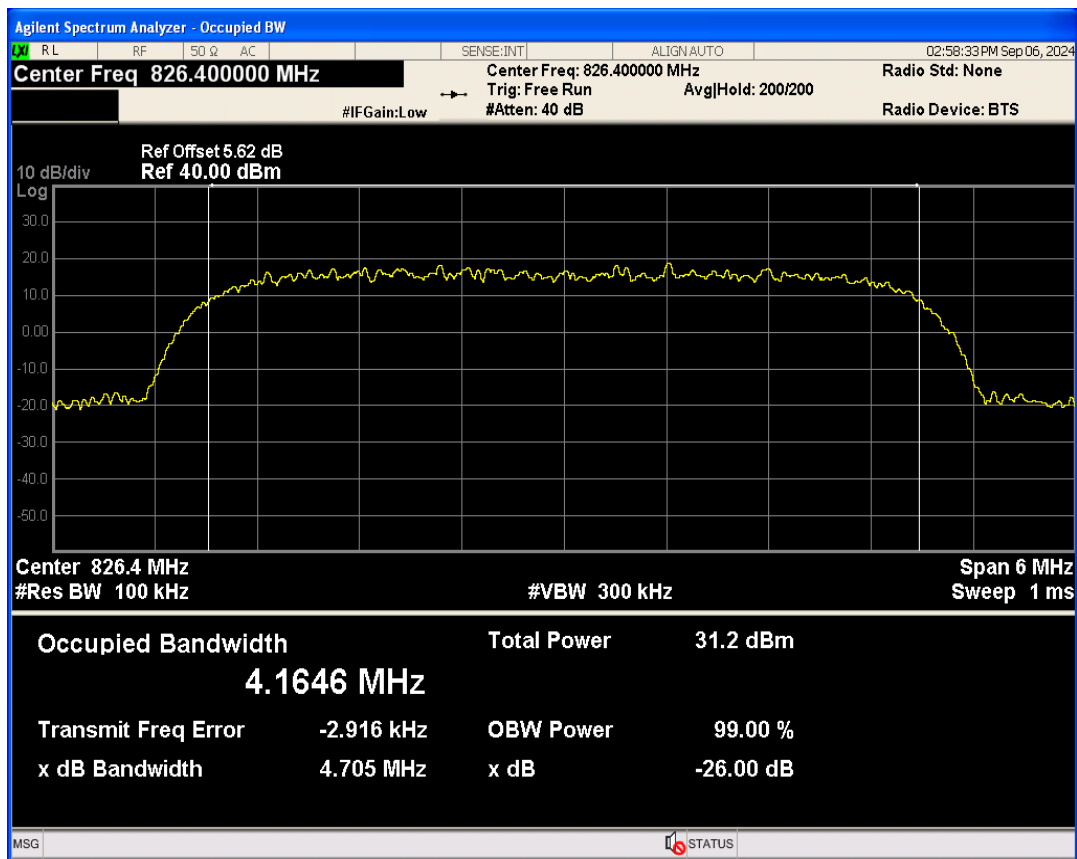
WCDMA Band2 Channel=9538



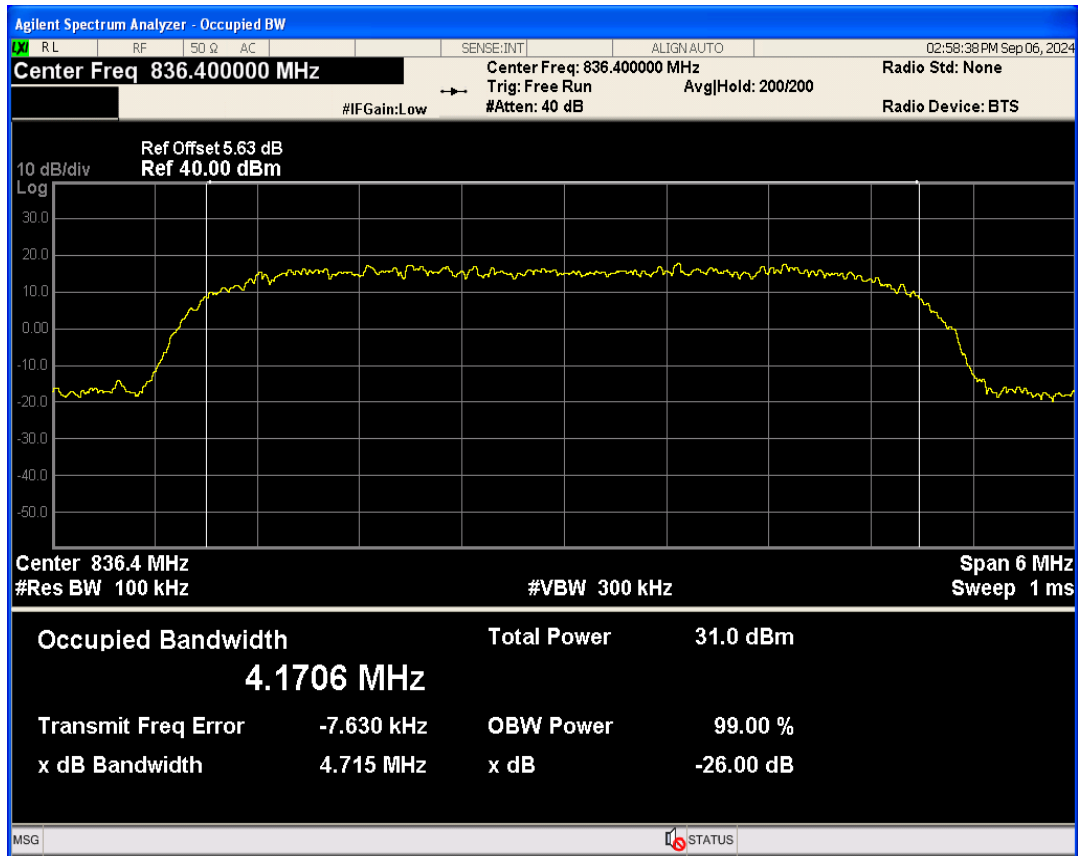
WCDMA Band2 Channel=9400



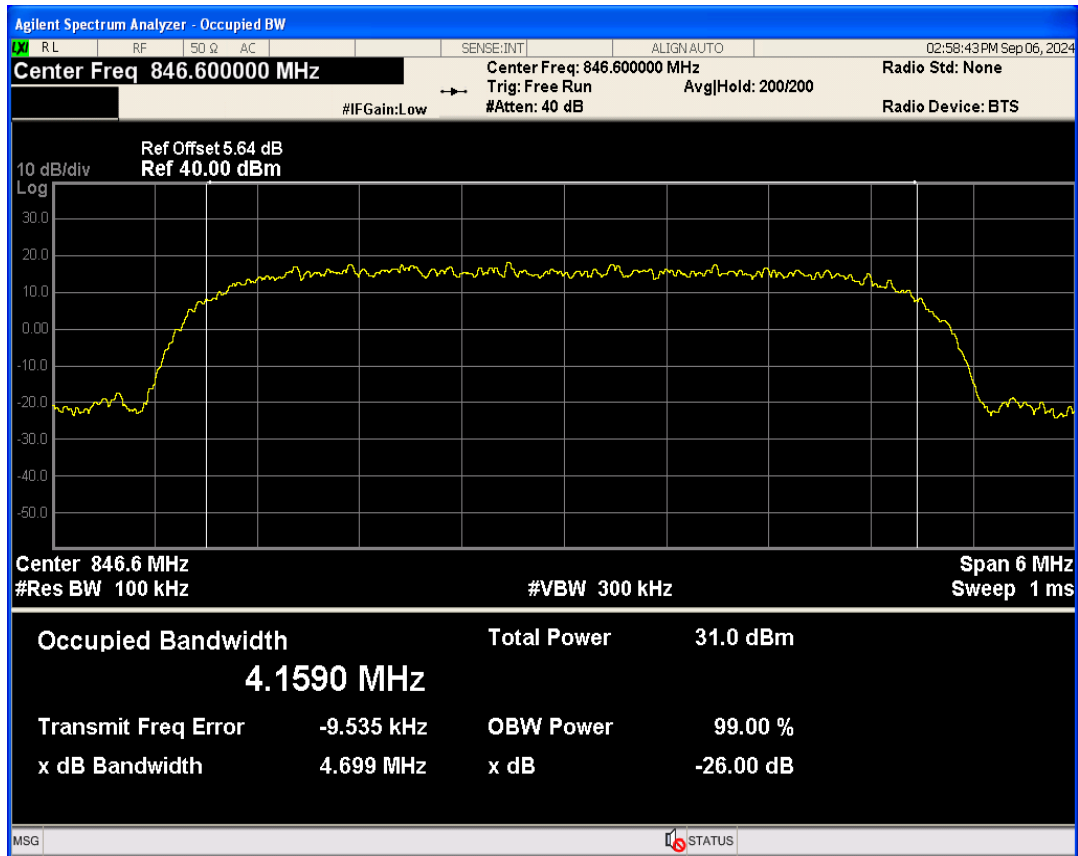
WCDMA Band5 Channel=4132



WCDMA Band5 Channel=4182



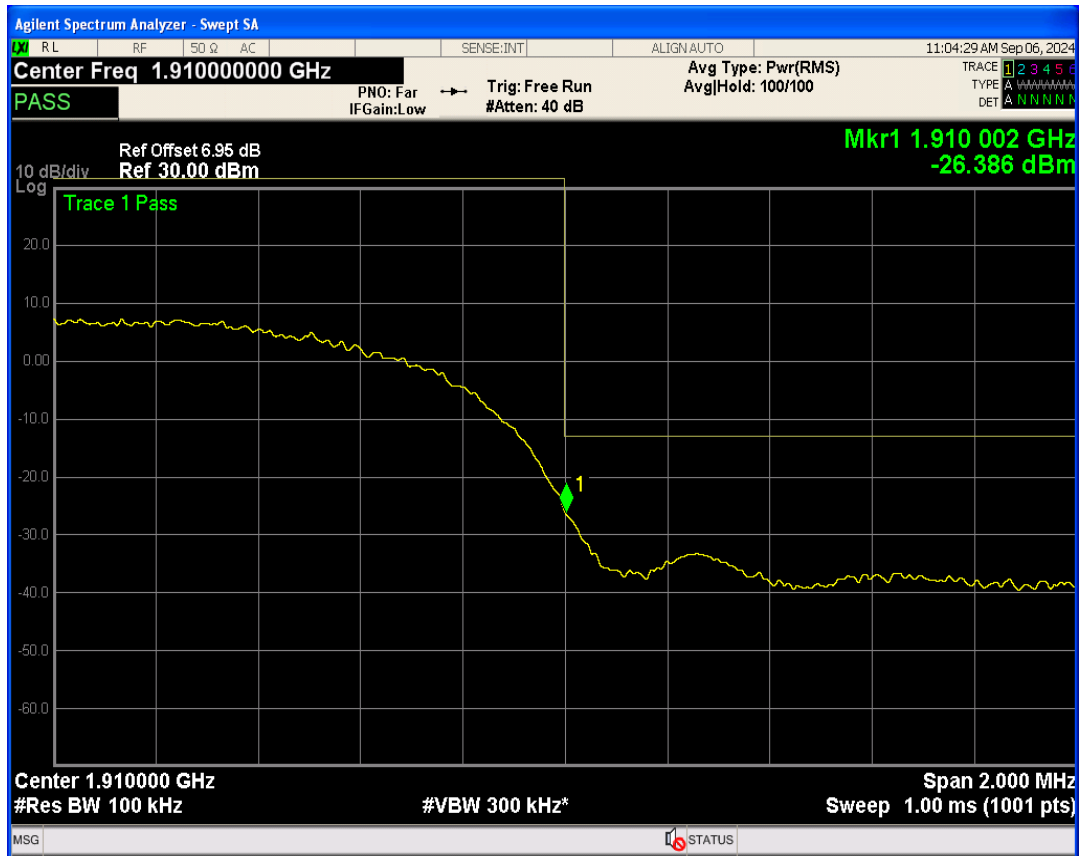
WCDMA Band5 Channel=4233



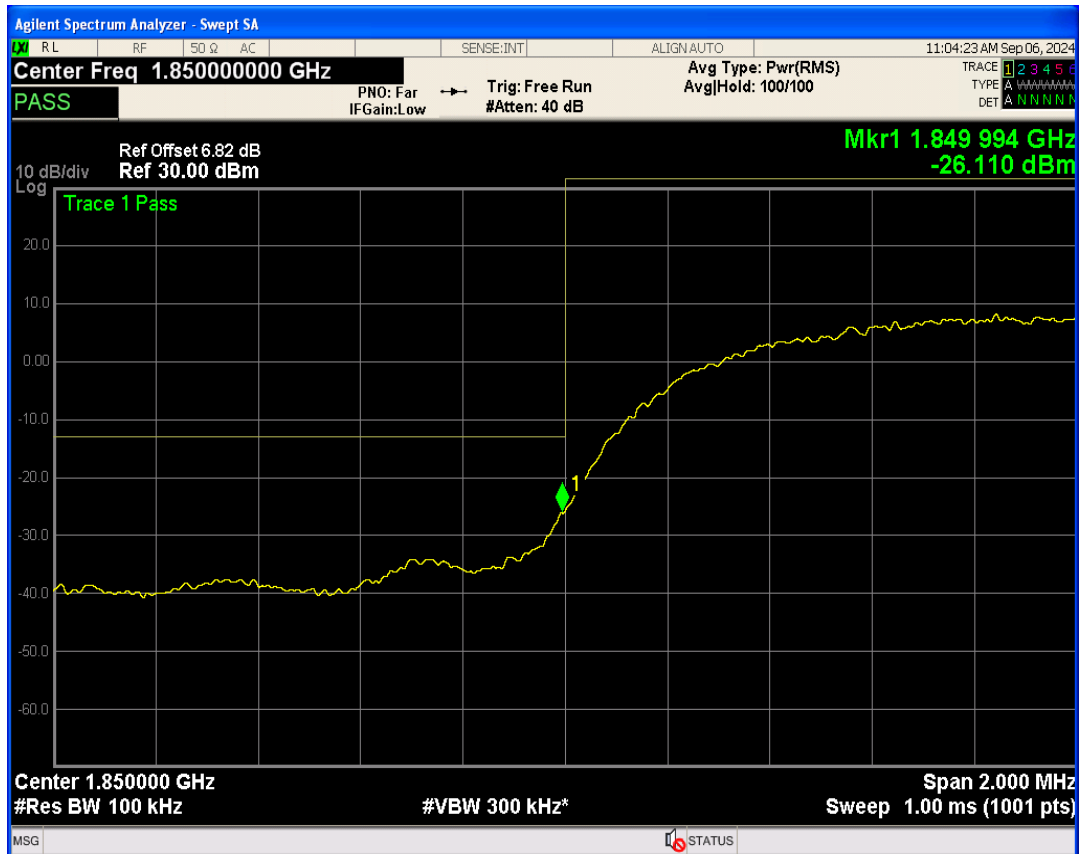
05 Band edge

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
WCDMA Band2	9262	1852.4	1849.99	-26.10	-13	PASS
WCDMA Band2	9538	1907.6	1910.00	-26.38	-13	PASS
WCDMA Band5	4132	826.4	824.00	-21.09	-13	PASS
WCDMA Band5	4233	846.6	849.00	-22.89	-13	PASS

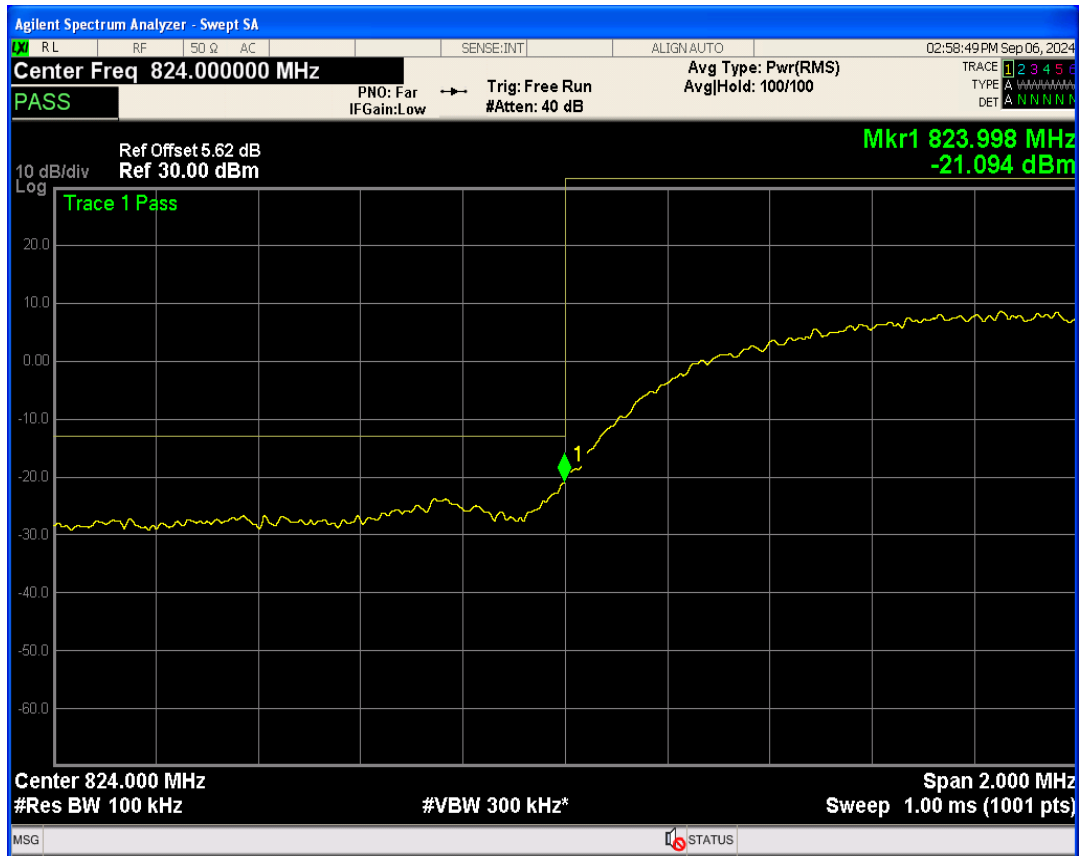
WCDMA Band2 Channel=9538



WCDMA Band2 Channel=9262



WCDMA Band5 Channel=4132



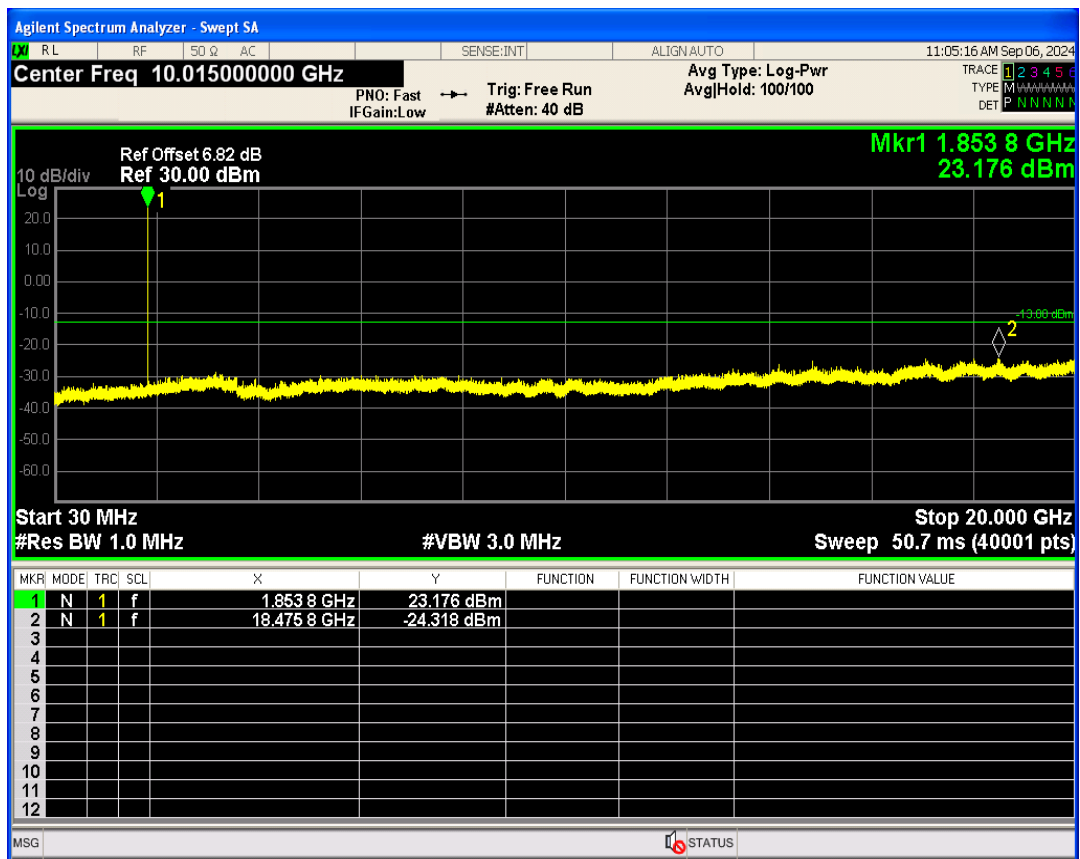
WCDMA Band5 Channel=4233



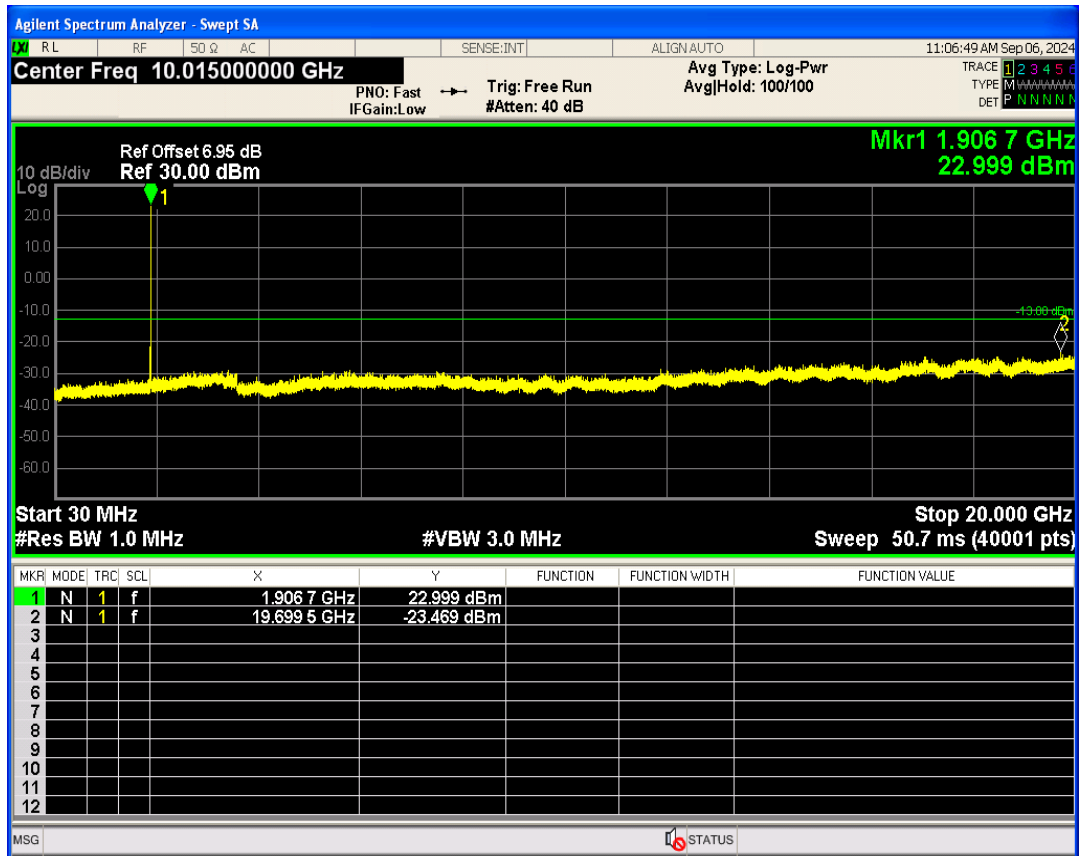
06 Out-of-band emissions

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
WCDMA Band2	9262	1852.4	18475.79	-24.31	-13	PASS
WCDMA Band2	9400	1880	19777.33	-24.73	-13	PASS
WCDMA Band2	9538	1907.6	19699.45	-23.46	-13	PASS
WCDMA Band5	4132	826.4	3067.86	-30.24	-13	PASS
WCDMA Band5	4182	836.4	3187.25	-29.78	-13	PASS
WCDMA Band5	4233	846.6	3160.08	-29.54	-13	PASS

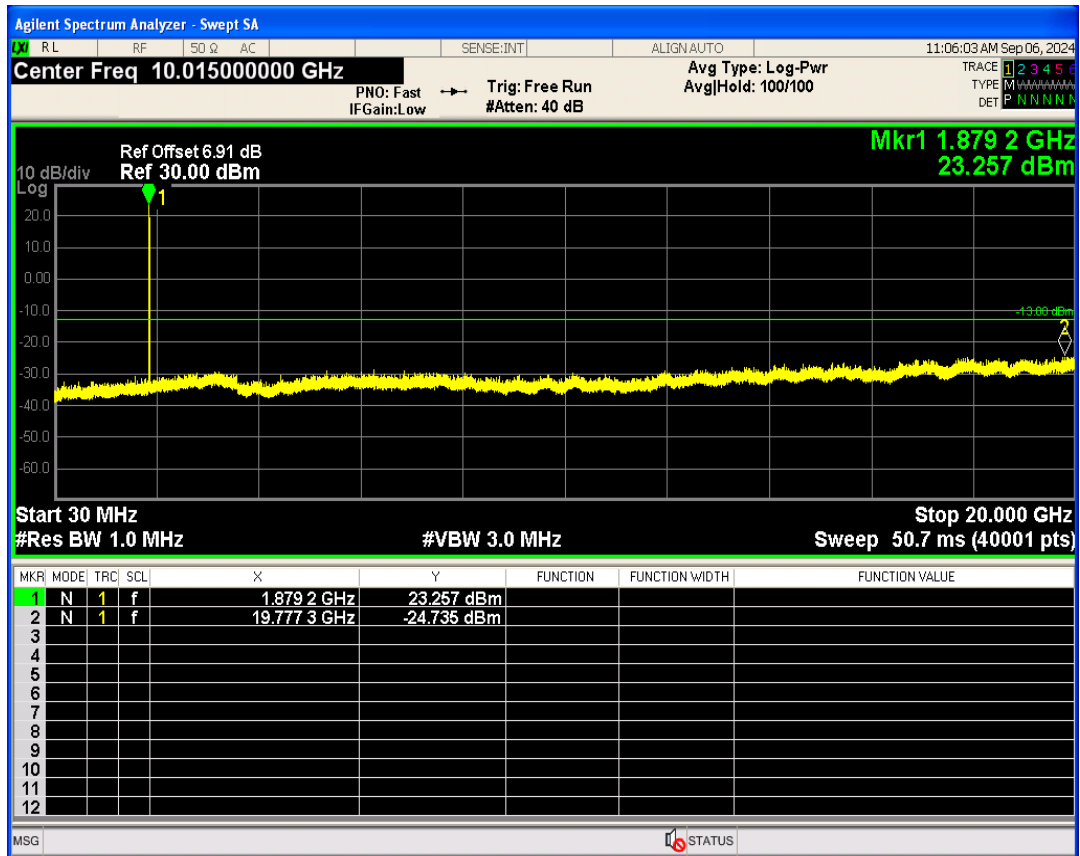
WCDMA Band2 Channel=9262



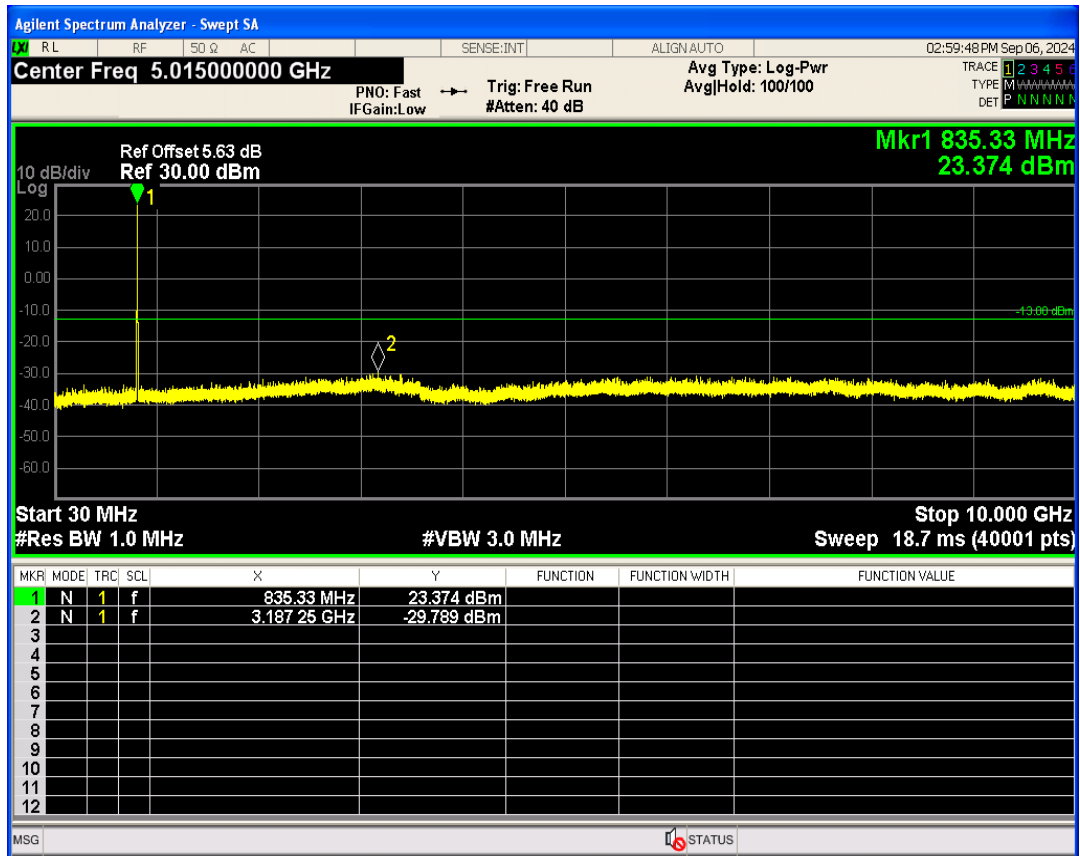
WCDMA Band2 Channel=9538



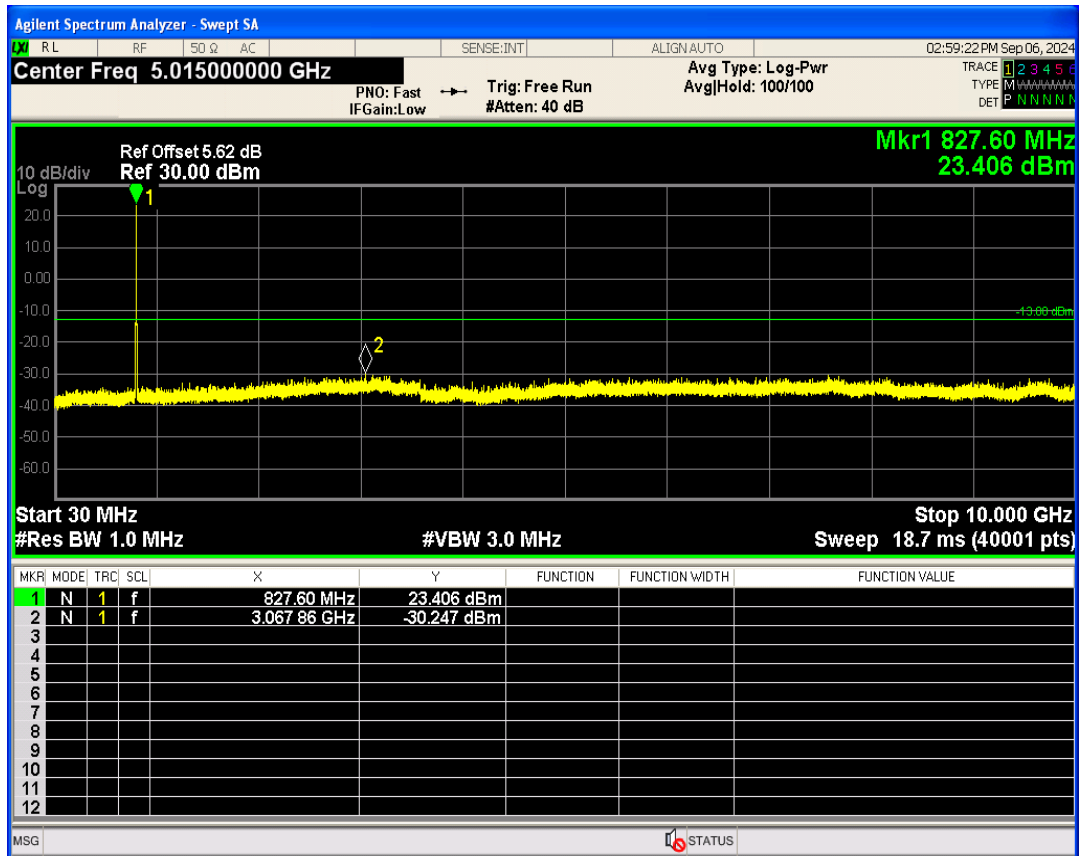
WCDMA Band2 Channel=9400



WCDMA Band5 Channel=4182



WCDMA Band5 Channel=4132



WCDMA Band5 Channel=4233

