

13 Conducted output power

Band	Channel	Frequency (MHz)	Power (dBm)	high Limit (dBm)	Verdict
EGPRS1900 1 Slot	512	1850.2	25.46	37	PASS
EGPRS1900 1 Slot	661	1880	24.76	37	PASS
EGPRS1900 1 Slot	810	1909.8	24.41	37	PASS
EGPRS1900 2 Slot	512	1850.2	23.29	37	PASS
EGPRS1900 2 Slot	661	1880	23.25	37	PASS
EGPRS1900 2 Slot	810	1909.8	22.69	37	PASS
EGPRS1900 3 Slot	512	1850.2	21.95	37	PASS
EGPRS1900 3 Slot	661	1880	21.22	37	PASS
EGPRS1900 3 Slot	810	1909.8	20.54	37	PASS
EGPRS1900 4 Slot	512	1850.2	19.54	37	PASS
EGPRS1900 4 Slot	661	1880	19.46	37	PASS
EGPRS1900 4 Slot	810	1909.8	19.00	37	PASS
EGPRS850 1 Slot	128	824.2	25.23	37	PASS
EGPRS850 1 Slot	189	836.4	24.71	37	PASS
EGPRS850 1 Slot	251	848.8	25.07	37	PASS
EGPRS850 2 Slot	128	824.2	23.77	37	PASS
EGPRS850 2 Slot	189	836.4	23.82	37	PASS
EGPRS850 2 Slot	251	848.8	23.49	37	PASS
EGPRS850 3 Slot	128	824.2	21.12	37	PASS
EGPRS850 3 Slot	189	836.4	21.78	37	PASS
EGPRS850 3 Slot	251	848.8	21.15	37	PASS
EGPRS850 4 Slot	128	824.2	18.67	37	PASS
EGPRS850 4 Slot	189	836.4	19.10	37	PASS
EGPRS850 4 Slot	251	848.8	18.83	37	PASS

14 Frequency stability

Band	Channel	Frequency (MHz)	Result(Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
EGPRS1900	661	1880	-22.37409	-0.01	-2.500	2.5	PASS
EGPRS850	189	836.4	-9.944042	-0.01	-2.500	2.5	PASS

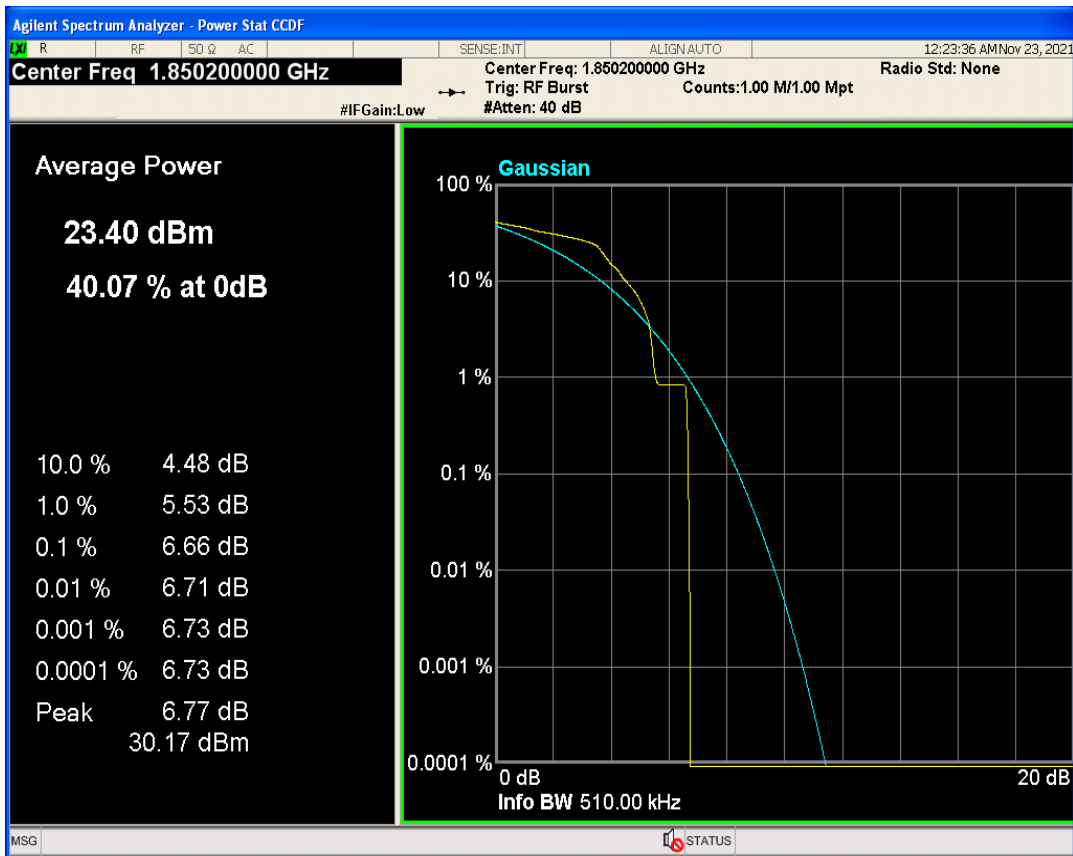
15 Peak-to-Average Ratio

Band	Channel	Frequency (MHz)	Result (dB)	high Limit (dB)	Verdict
EGPRS1900	512	1850.2	6.659893293	13.00	PASS
EGPRS1900	661	1880	6.760212314	13.00	PASS
EGPRS1900	810	1909.8	7.198594507	13.00	PASS
EGPRS850	128	824.2	9.316919431	13.00	PASS
EGPRS850	189	836.4	9.377417582	13.00	PASS
EGPRS850	251	848.8	9.679700599	13.00	PASS

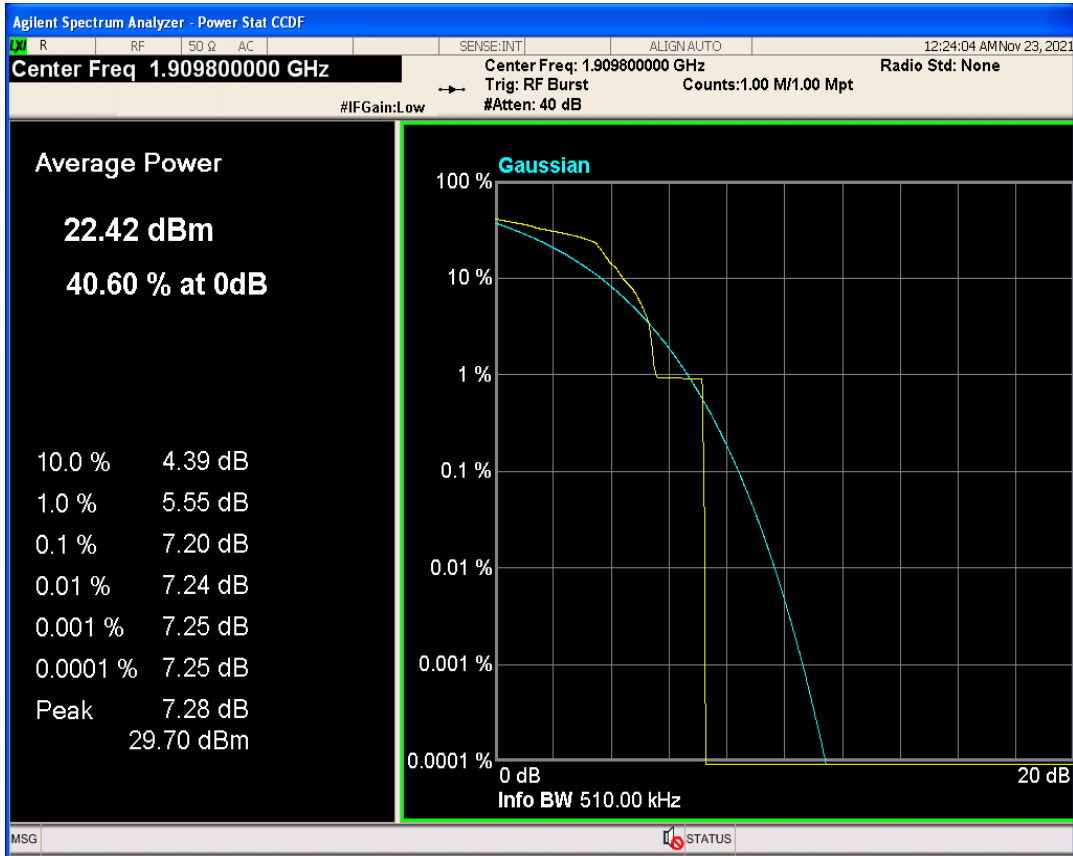
EGPRS1900 Channel=661



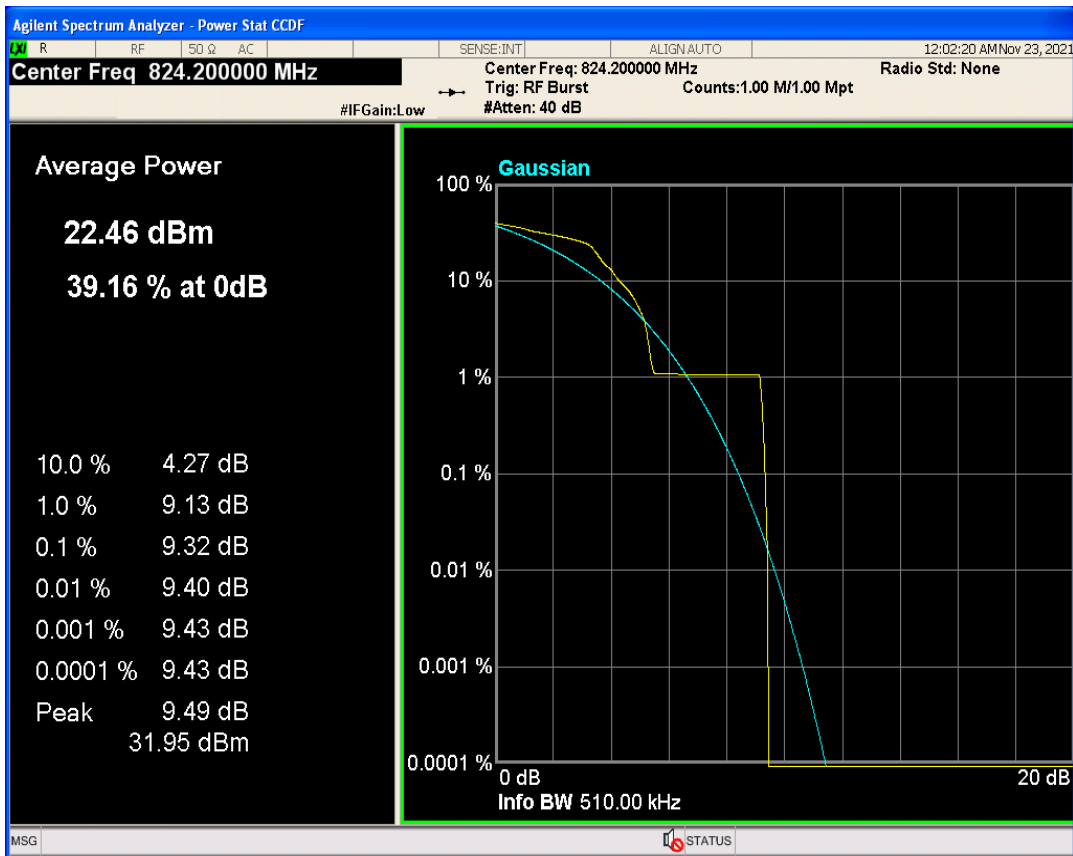
EGPRS1900 Channel=512



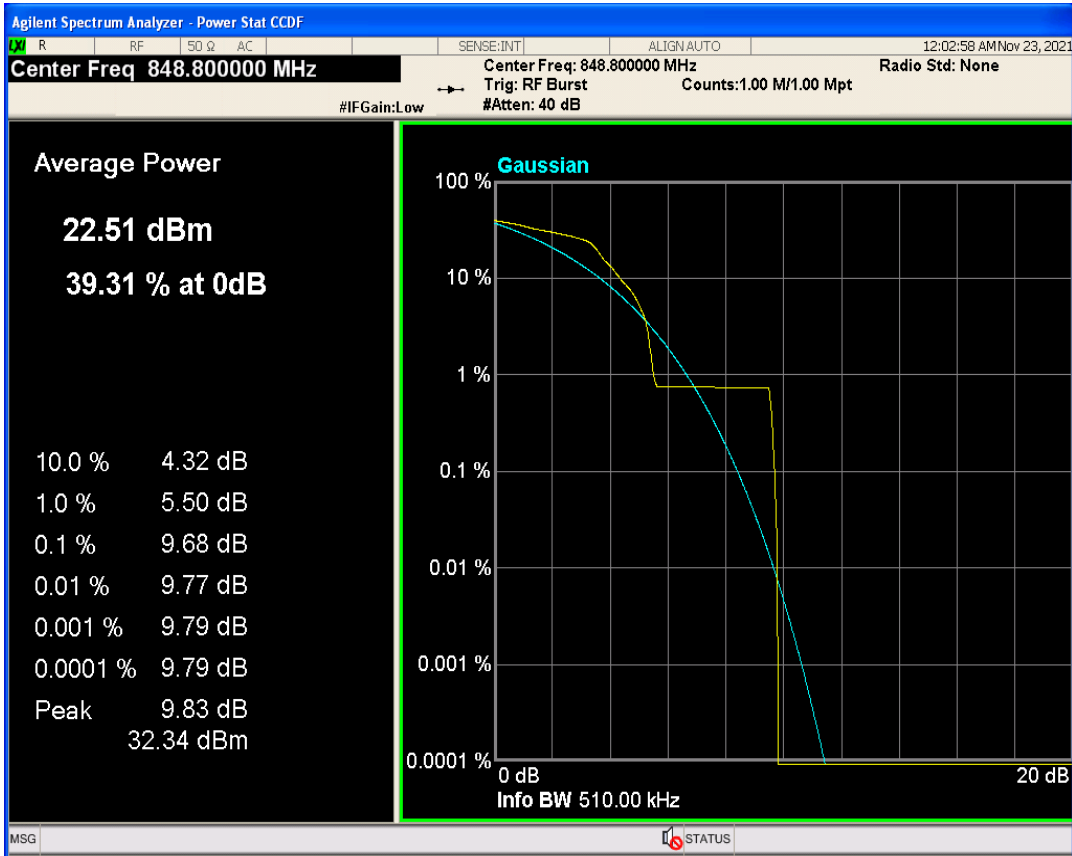
EGPRS1900 Channel=810



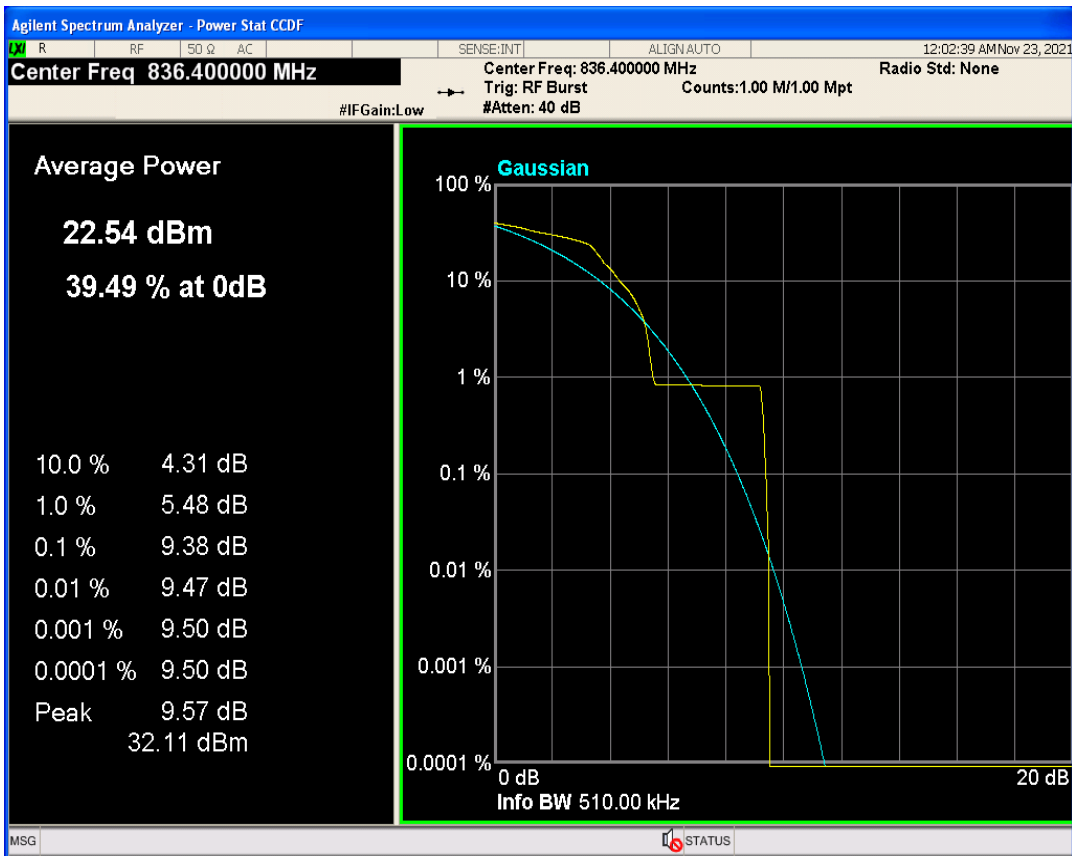
EGPRS850 Channel=128



EGPRS850 Channel=251



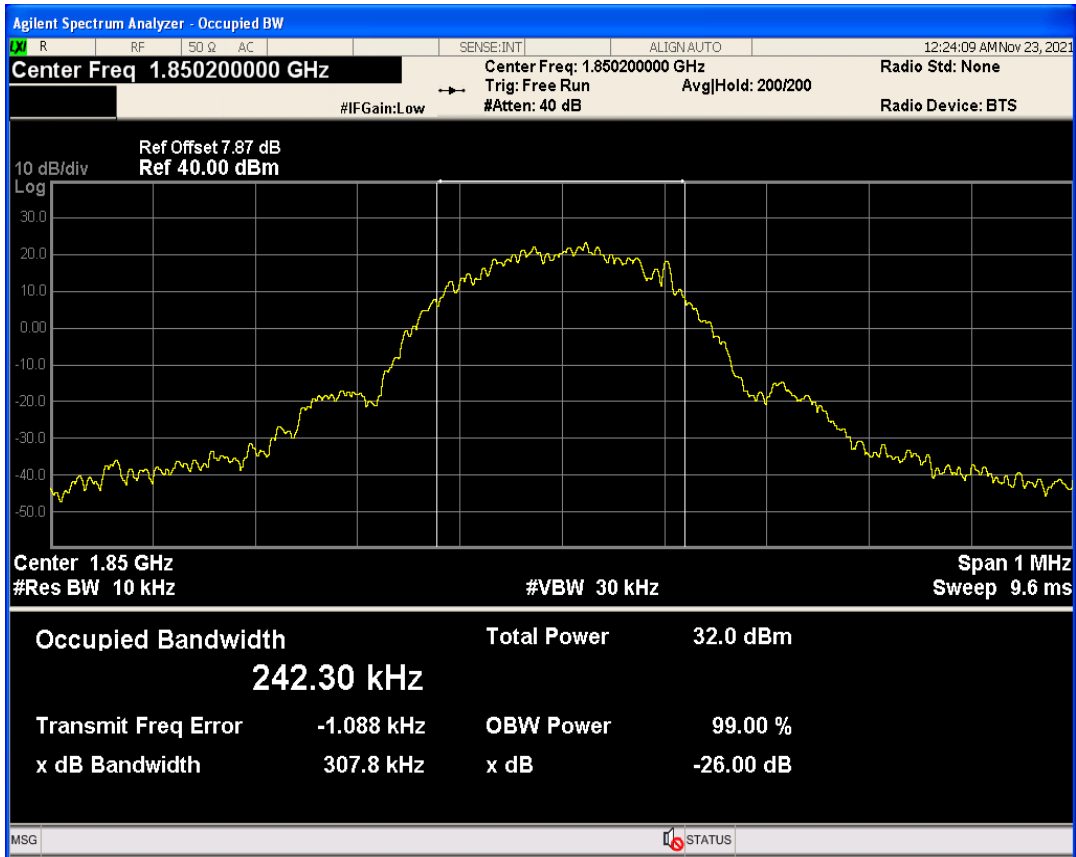
EGPRS850 Channel=189



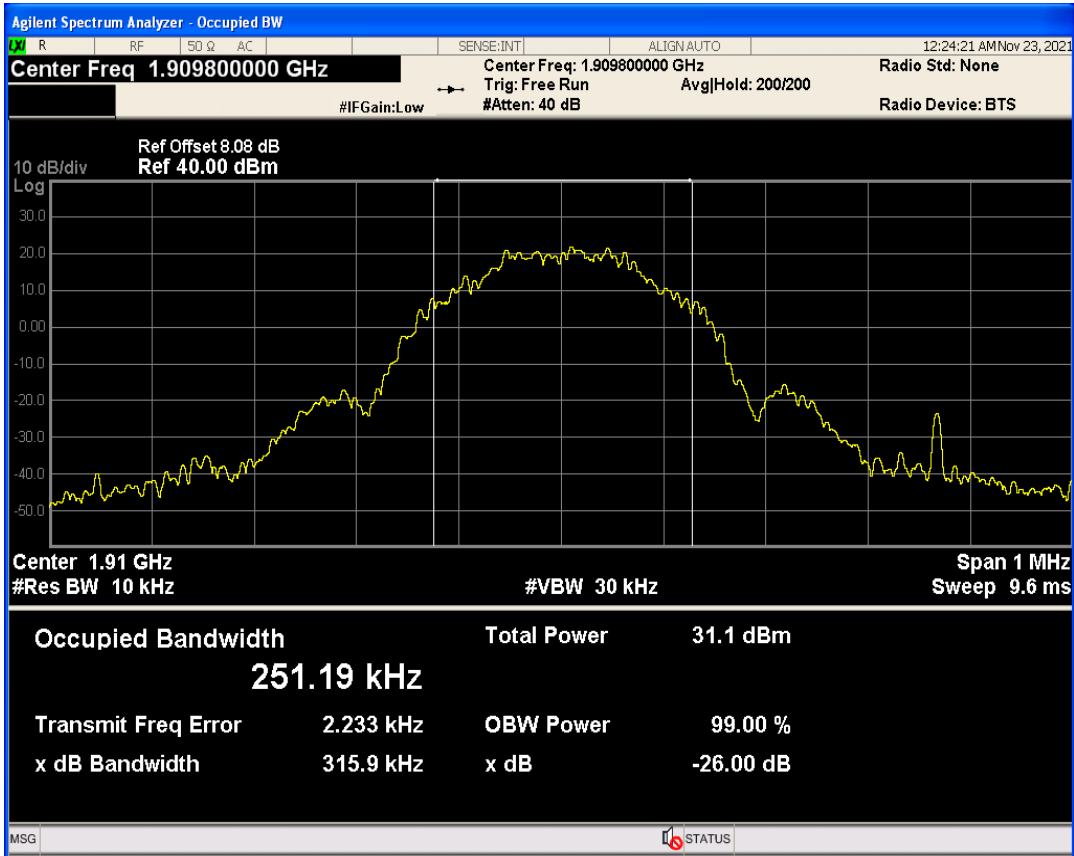
16 Occupied bandwidth

Band	Channel	Frequency (MHz)	99% OBW (kHz)	-26dB EBW (kHz)	Verdict
EGPRS1900	512	1850.2	242.295	307.829	PASS
EGPRS1900	661	1880	249.945	321.154	PASS
EGPRS1900	810	1909.8	251.193	315.907	PASS
EGPRS850	128	824.2	239.114	306.529	PASS
EGPRS850	189	836.4	238.427	302.875	PASS
EGPRS850	251	848.8	248.526	326.541	PASS

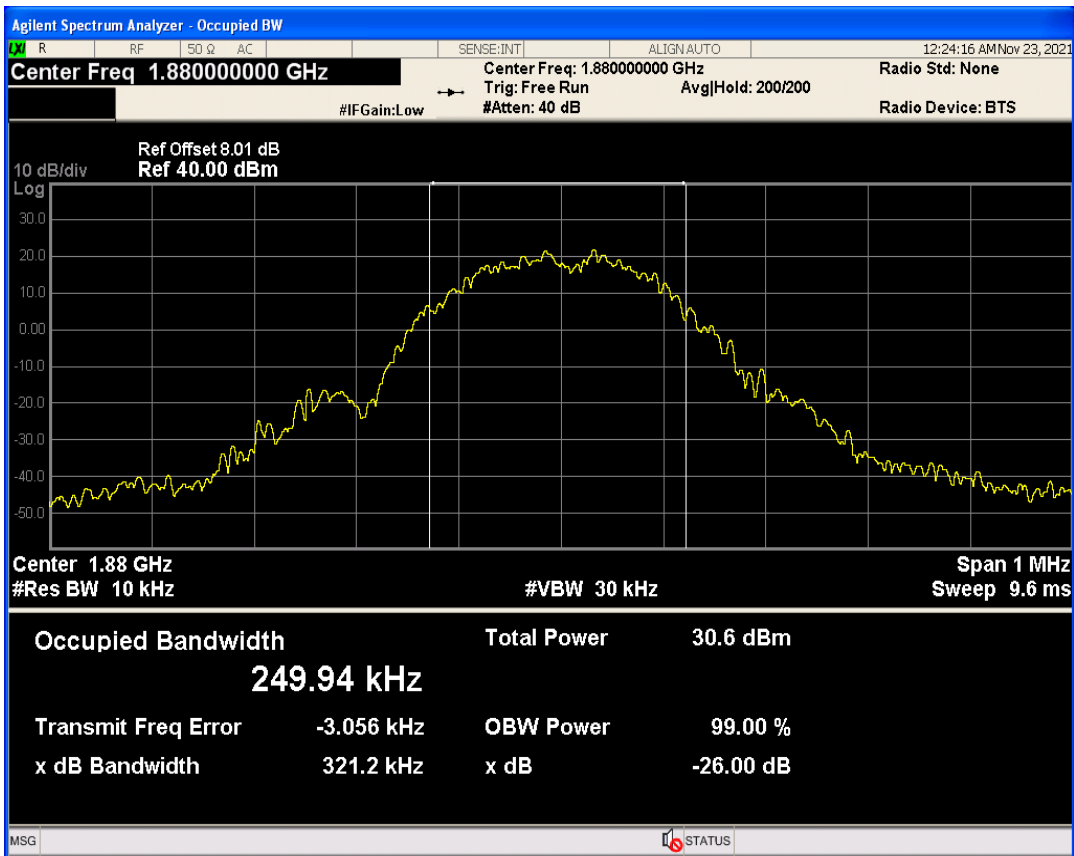
EGPRS1900 Channel=512



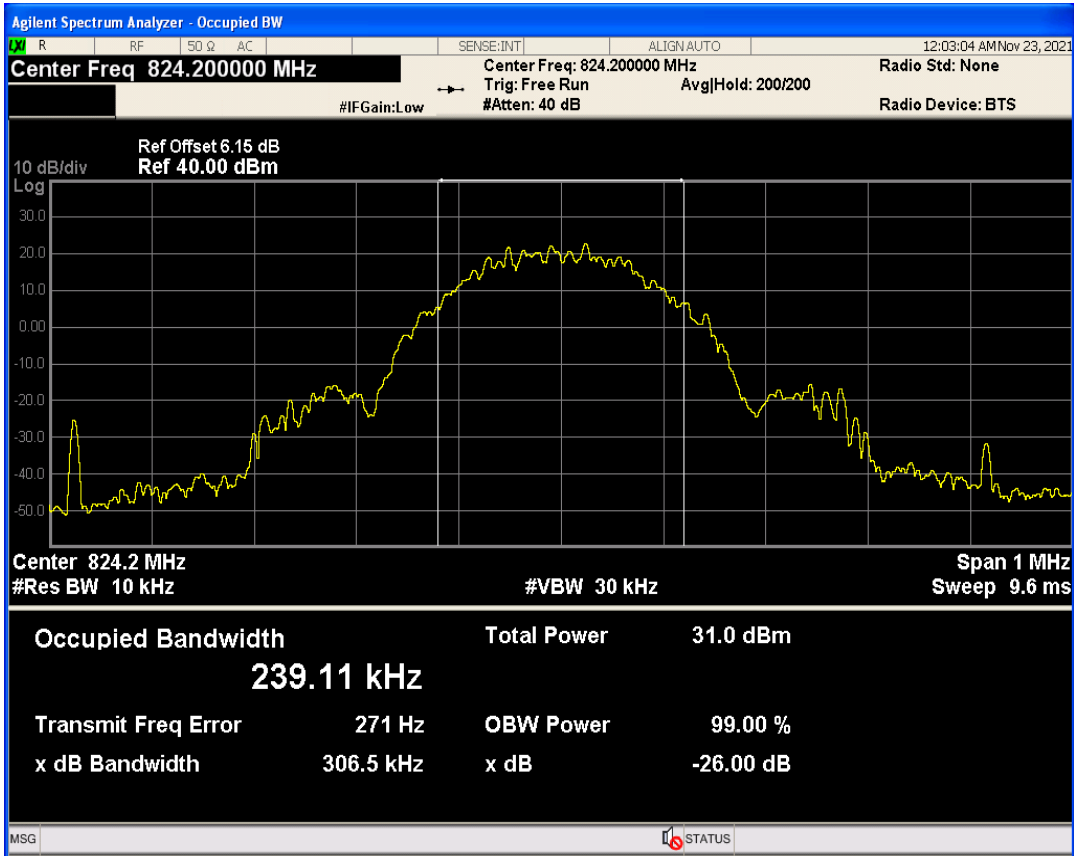
EGPRS1900 Channel=810



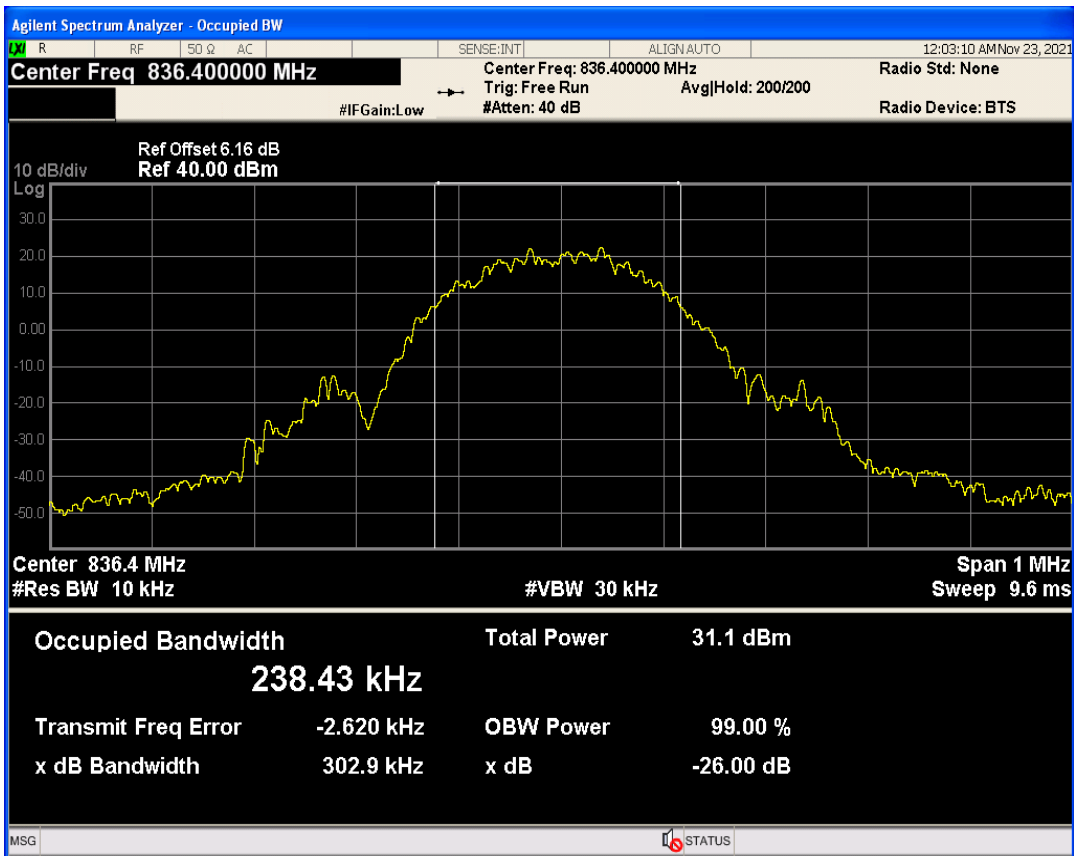
EGPRS1900 Channel=661



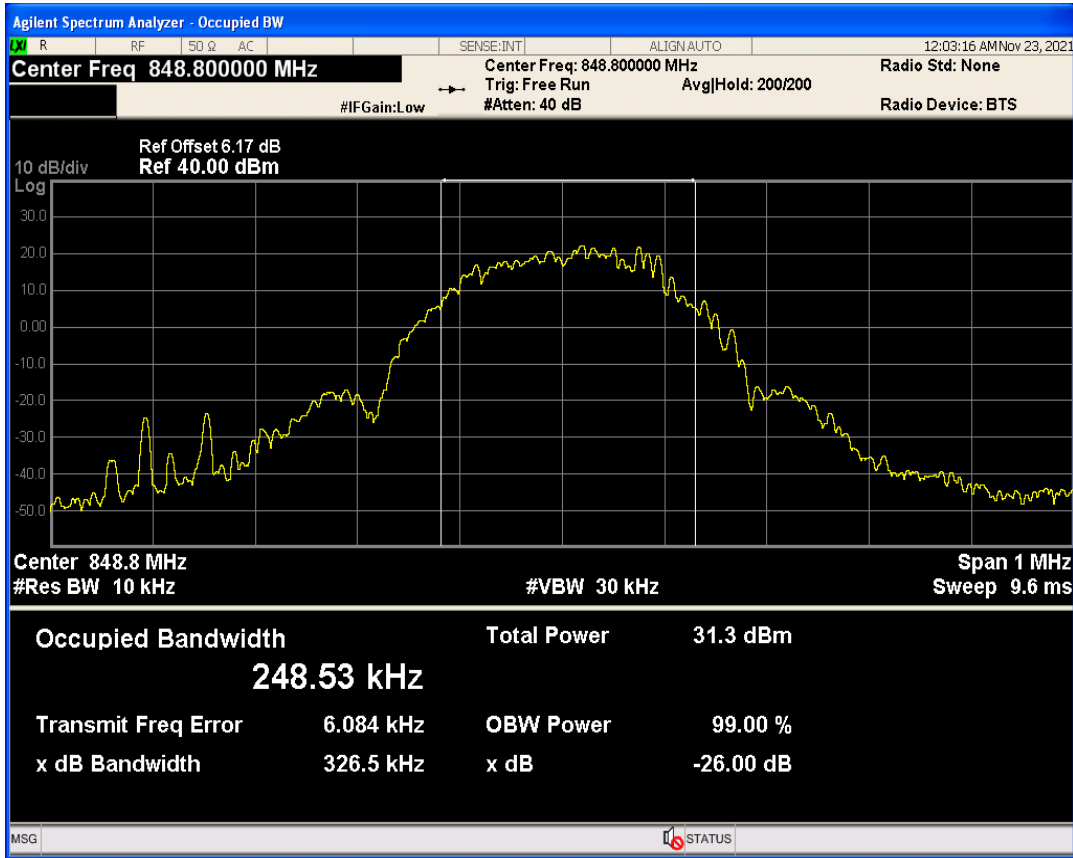
EGPRS850 Channel=128



EGPRS850 Channel=189



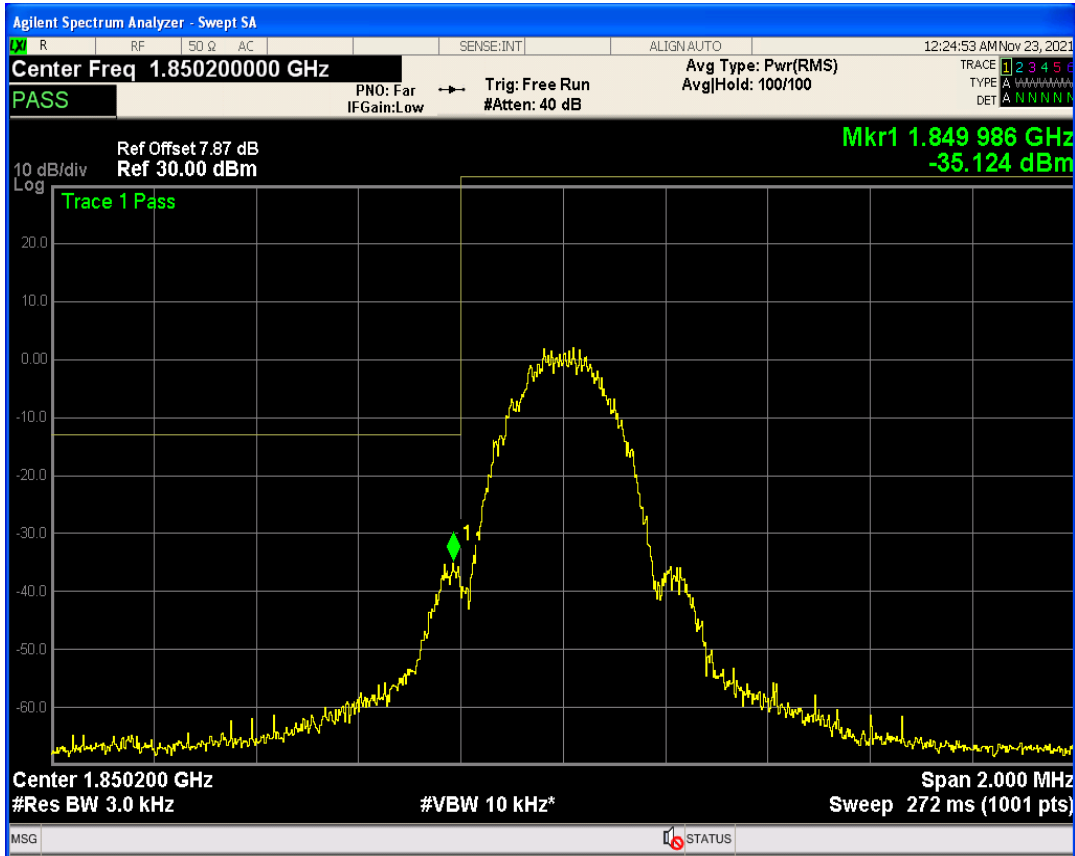
EGPRS850 Channel=251



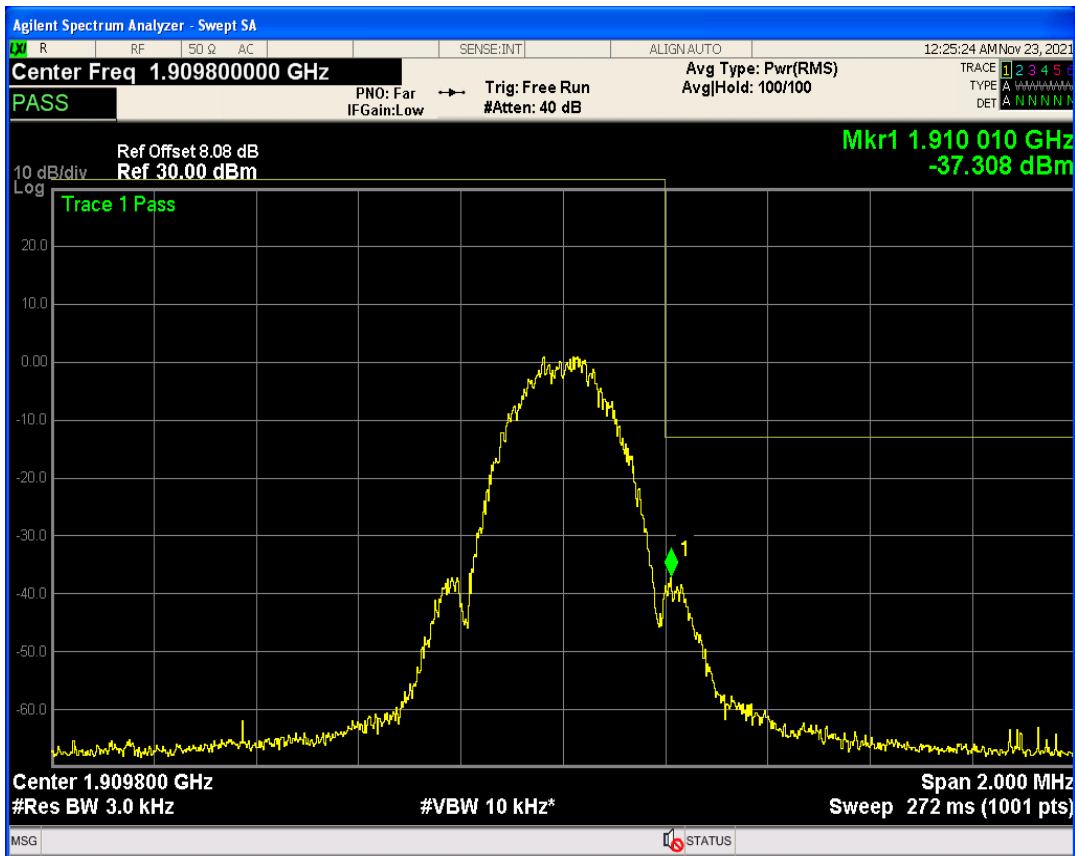
17 Band edge

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
EGPRS1900	512	1850.2	1849.99	-35.12	-13	PASS
EGPRS1900	810	1909.8	1910.01	-37.30	-13	PASS
EGPRS850	128	824.2	823.98	-36.57	-13	PASS
EGPRS850	251	848.8	849.01	-36.45	-13	PASS

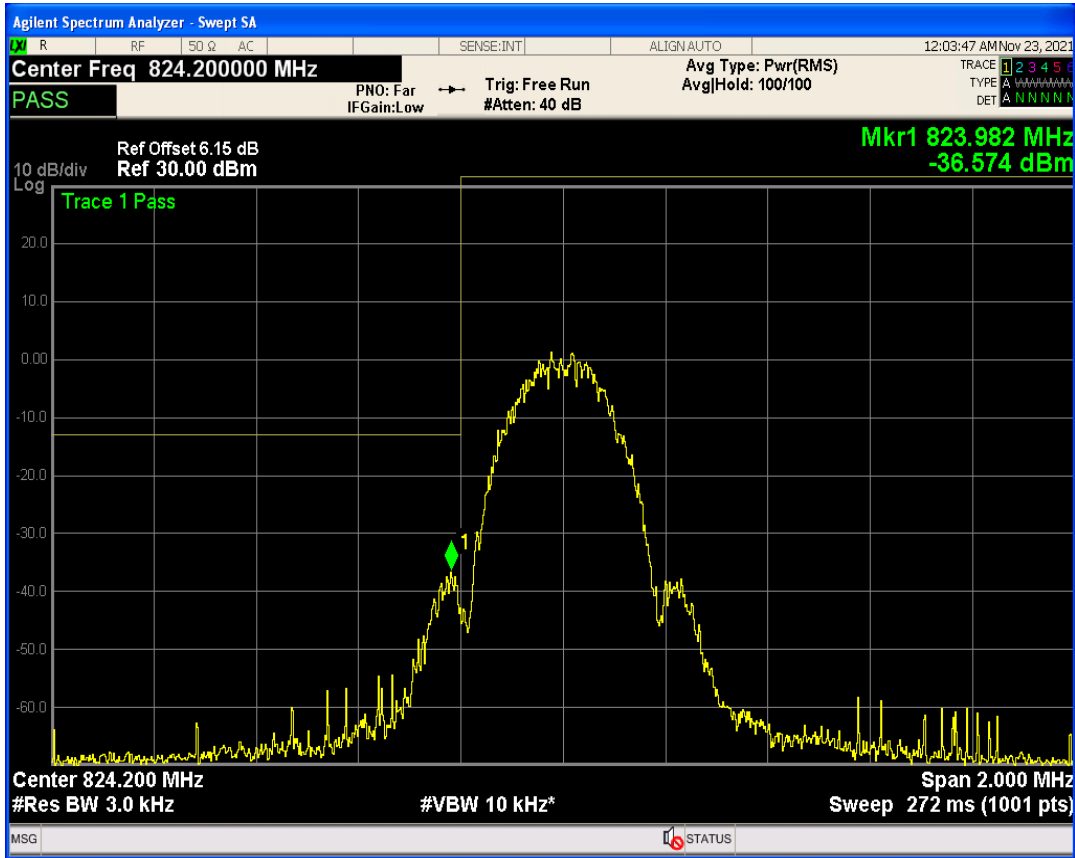
EGPRS1900 Channel=512



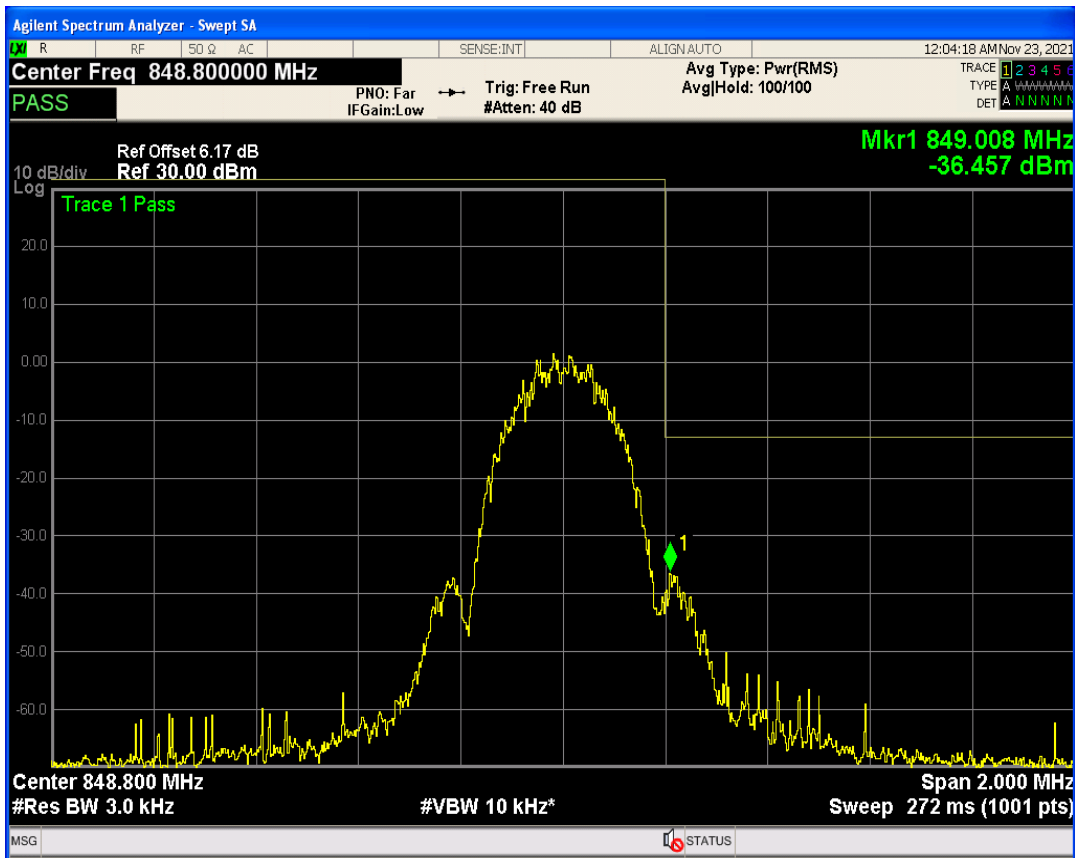
EGPRS1900 Channel=810



EGPRS850 Channel=128



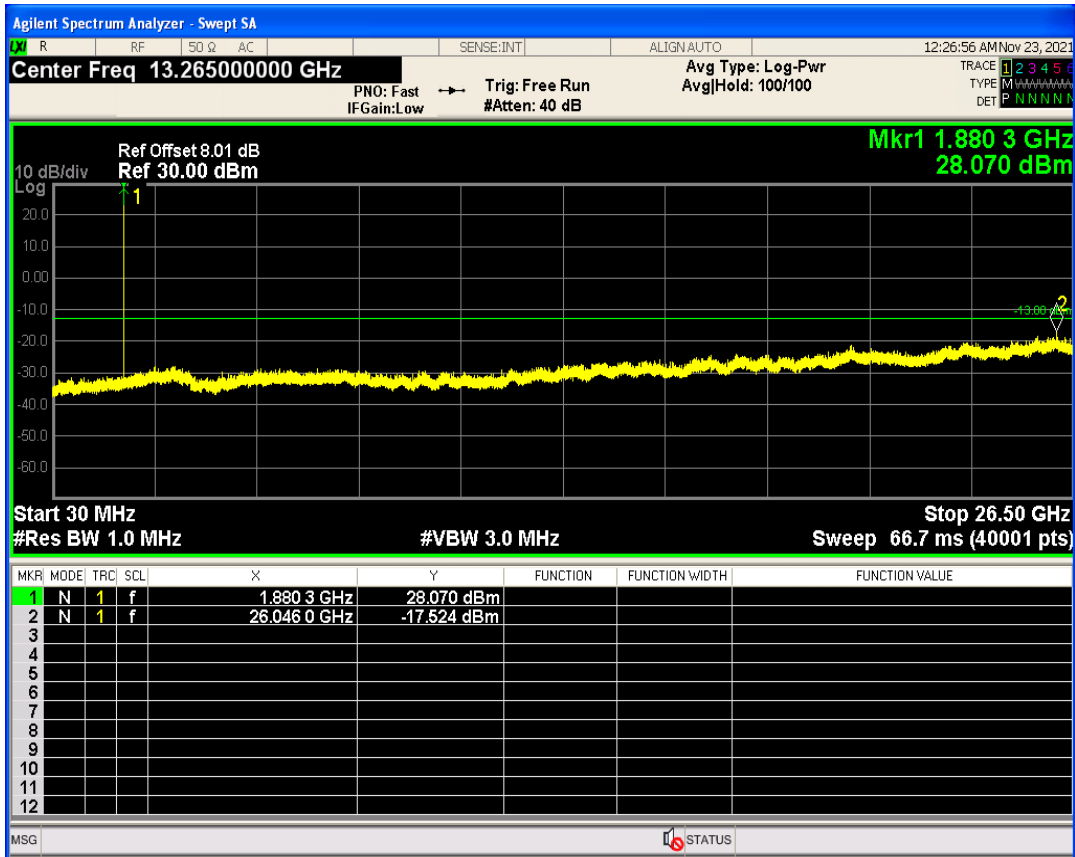
EGPRS850 Channel=251



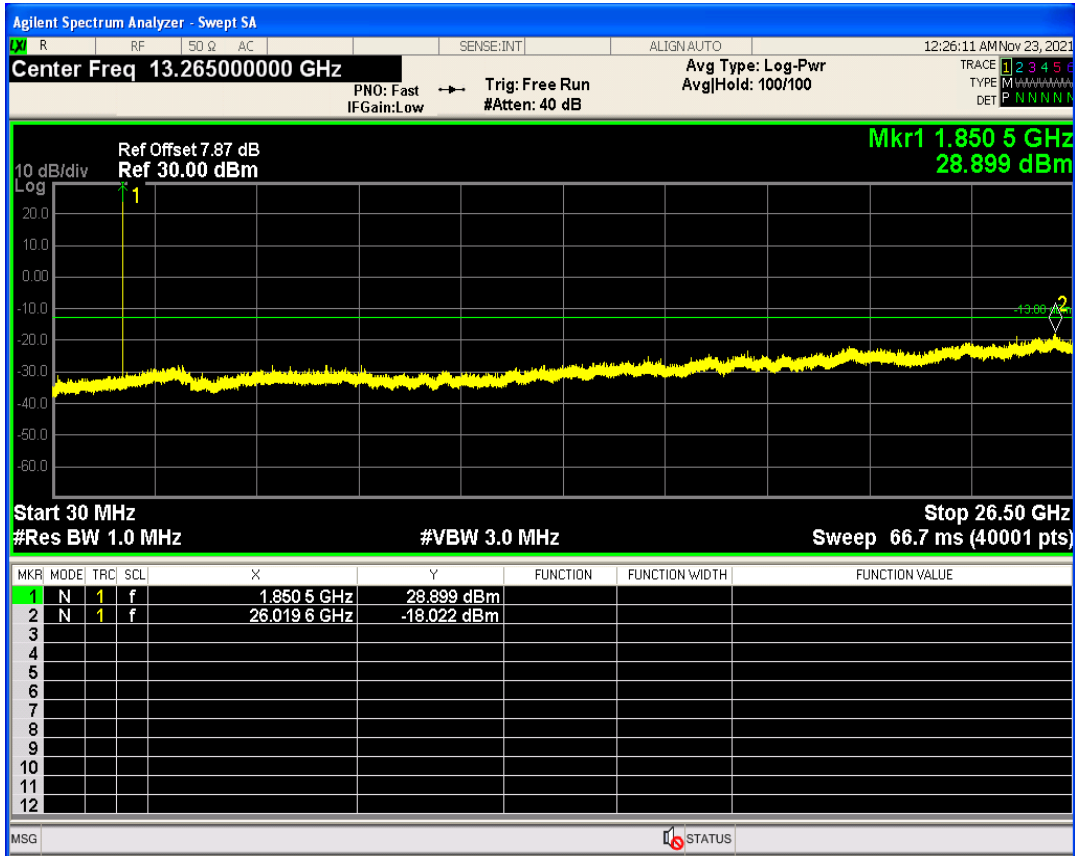
18 Out-of-band emissions

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
EGPRS1900	512	1850.2	26019.57	-18.02	-13	PASS
EGPRS1900	661	1880	26046.04	-17.52	-13	PASS
EGPRS1900	810	1909.8	25987.14	-18.09	-13	PASS
EGPRS850	128	824.2	25557.67	-20.19	-13	PASS
EGPRS850	189	836.4	25808.47	-20.65	-13	PASS
EGPRS850	251	848.8	25978.54	-20.12	-13	PASS

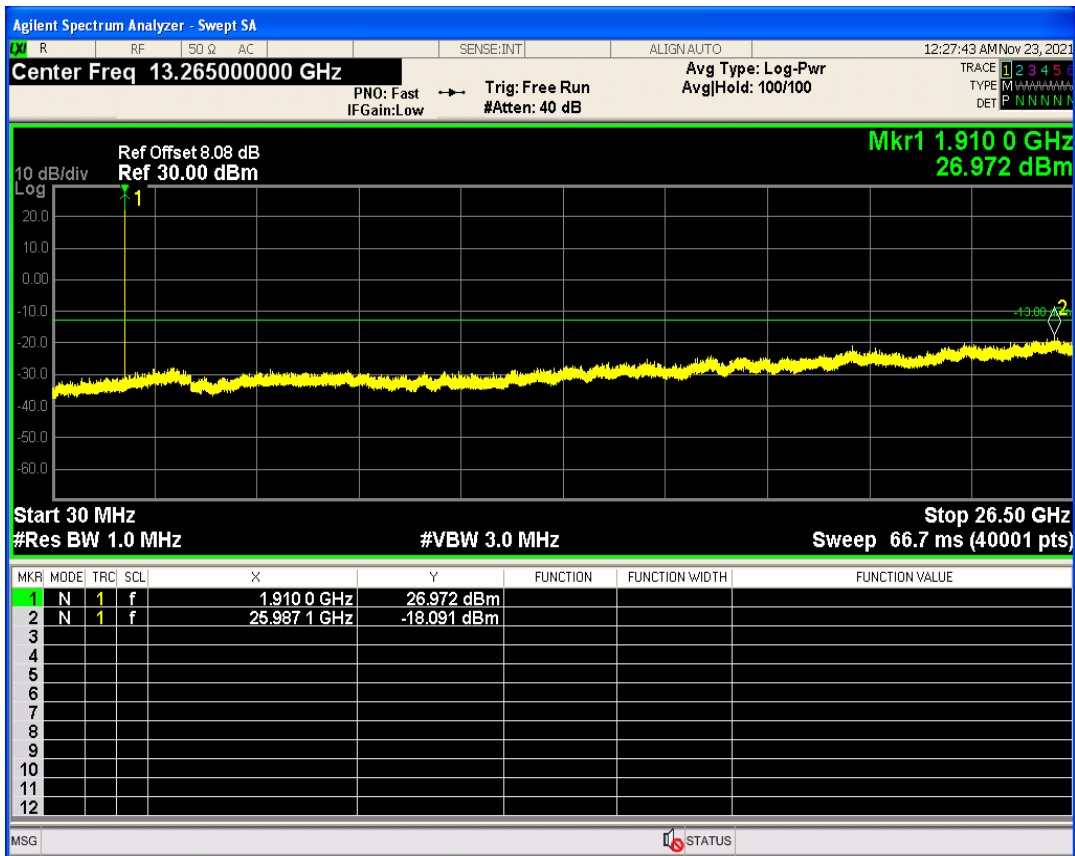
EGPRS1900 Channel=661



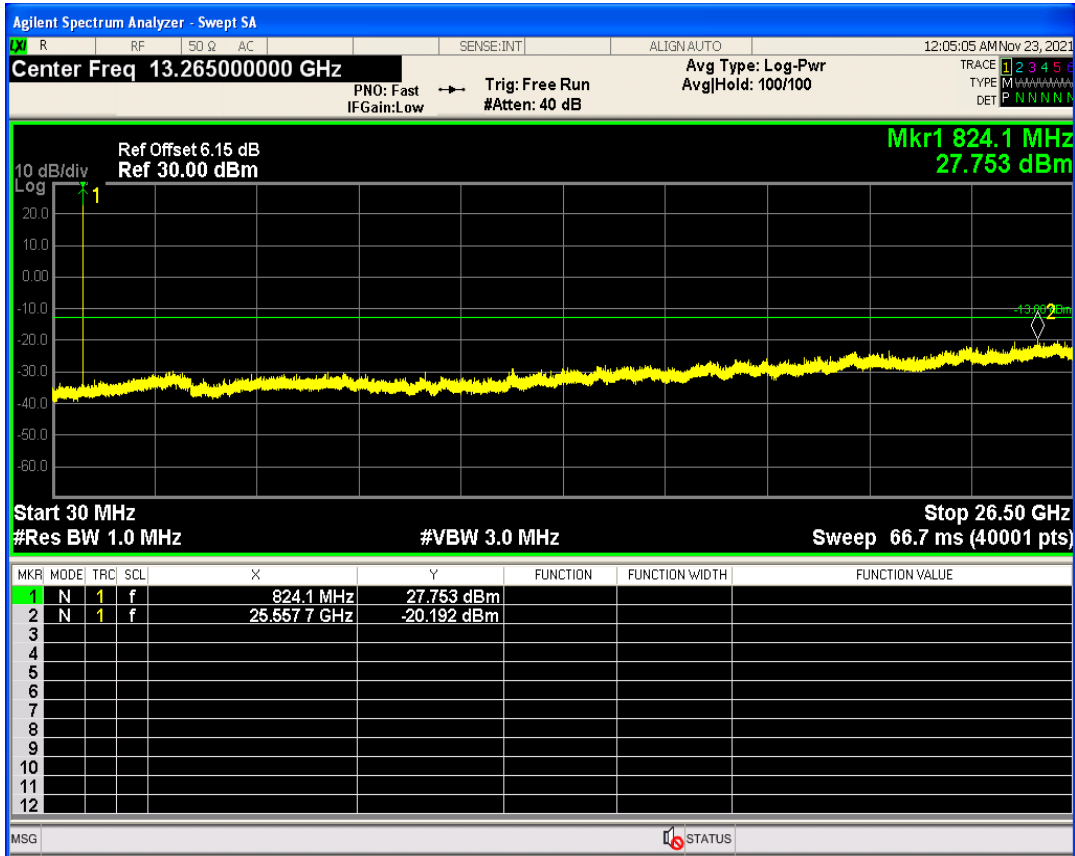
EGPRS1900 Channel=512



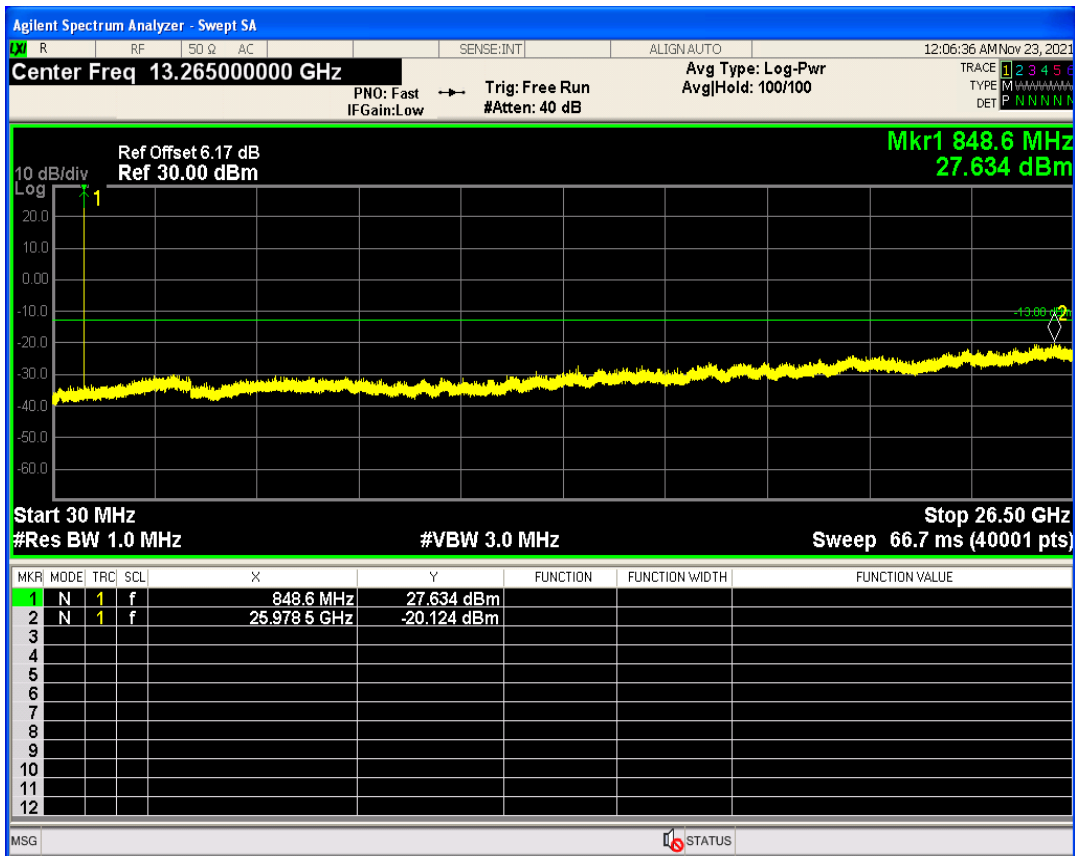
EGPRS1900 Channel=810



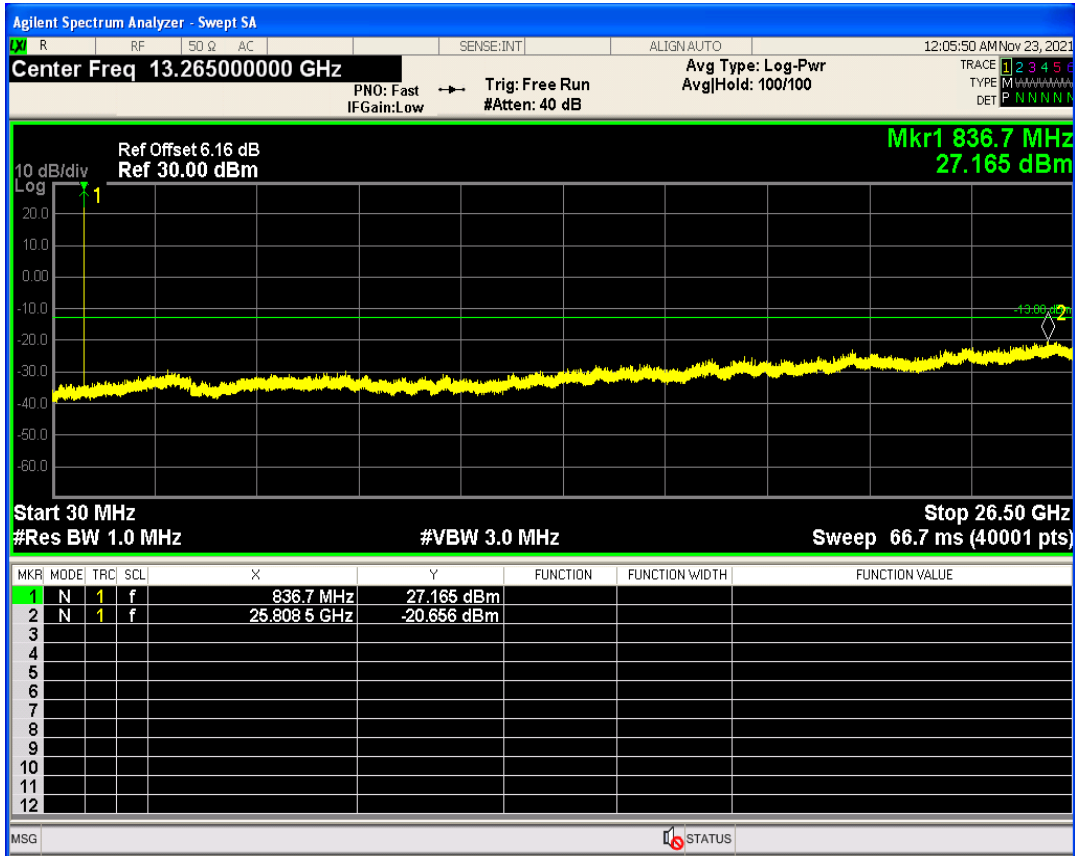
EGPRS850 Channel=128



EGPRS850 Channel=251



EGPRS850 Channel=189



07 Conducted output power

Band	Channel	Frequency (MHz)	Power (dBm)	high Limit (dBm)	Verdict
GPRS1900 1 Slot	512	1850.2	29.38	37	PASS
GPRS1900 1 Slot	661	1880	29.02	37	PASS
GPRS1900 1 Slot	810	1909.8	28.71	37	PASS
GPRS1900 2 Slot	512	1850.2	27.41	37	PASS
GPRS1900 2 Slot	661	1880	27.24	37	PASS
GPRS1900 2 Slot	810	1909.8	26.62	37	PASS
GPRS1900 3 Slot	512	1850.2	25.74	37	PASS
GPRS1900 3 Slot	661	1880	25.65	37	PASS
GPRS1900 3 Slot	810	1909.8	25.02	37	PASS
GPRS1900 4 Slot	512	1850.2	23.79	37	PASS
GPRS1900 4 Slot	661	1880	23.80	37	PASS
GPRS1900 4 Slot	810	1909.8	23.13	37	PASS
GPRS850 1 Slot	128	824.2	31.69	37	PASS
GPRS850 1 Slot	189	836.4	31.57	37	PASS
GPRS850 1 Slot	251	848.8	31.72	37	PASS
GPRS850 2 Slot	128	824.2	29.64	37	PASS
GPRS850 2 Slot	189	836.4	29.52	37	PASS
GPRS850 2 Slot	251	848.8	29.51	37	PASS
GPRS850 3 Slot	128	824.2	27.74	37	PASS
GPRS850 3 Slot	189	836.4	27.57	37	PASS
GPRS850 3 Slot	251	848.8	27.54	37	PASS

GPRS850 4 Slot	128	824.2	25.65	37	PASS
GPRS850 4 Slot	189	836.4	25.44	37	PASS
GPRS850 4 Slot	251	848.8	25.38	37	PASS

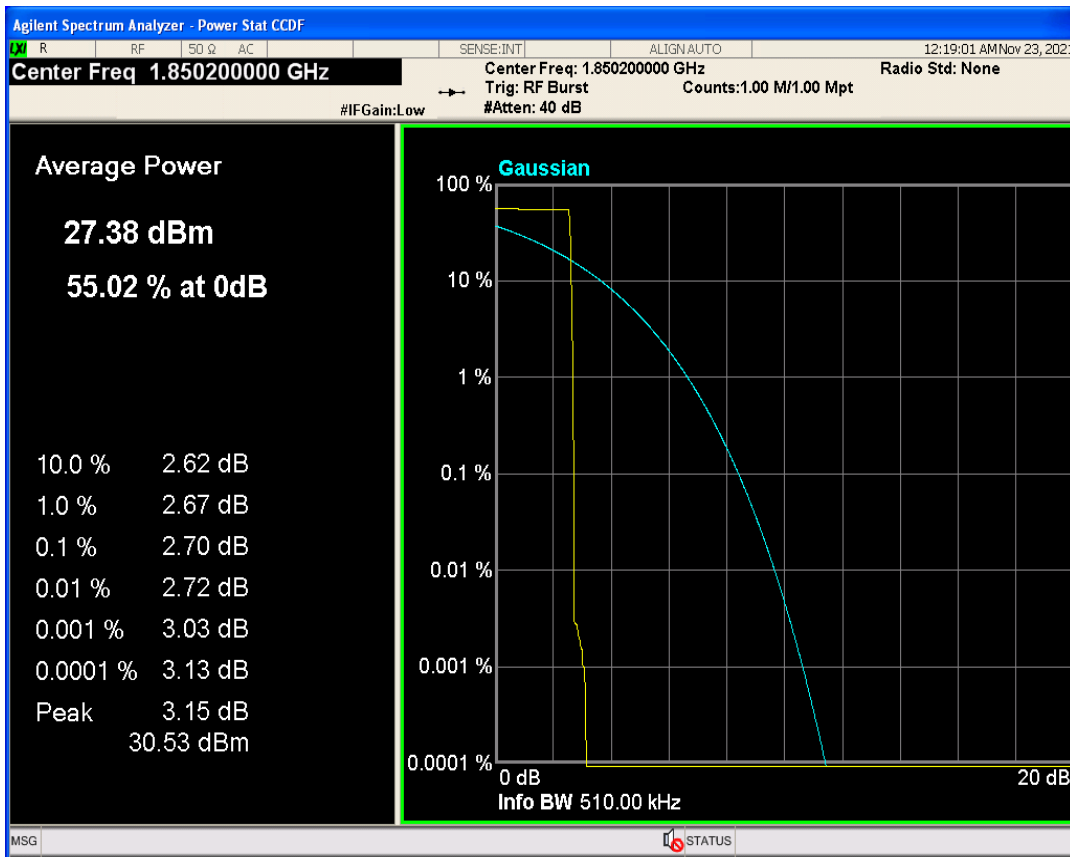
08 Frequency stability

Band	Channel	Frequency (MHz)	Result(Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
GPRS1900	661	1880	-12.97891	-0.01	-2.500	2.5	PASS
GPRS850	189	836.4	-6.489456	-0.01	-2.500	2.5	PASS

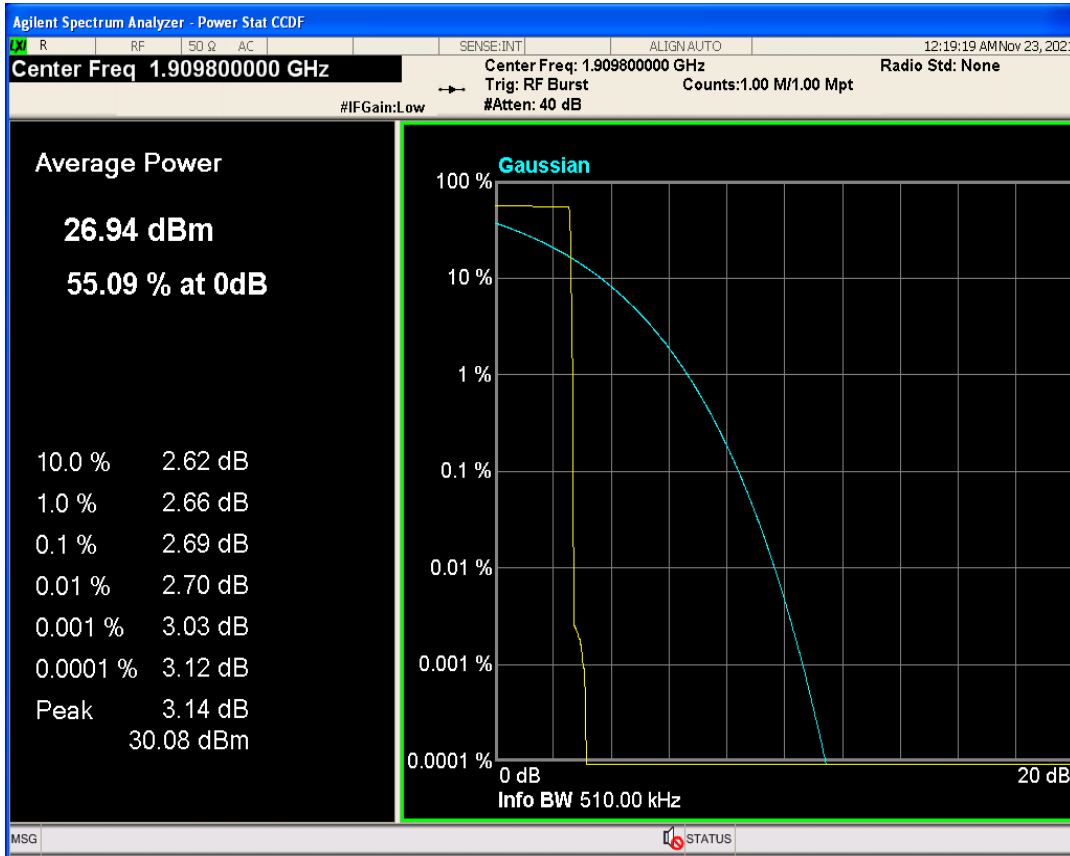
09 Peak-to-Average Ratio

Band	Channel	Frequency (MHz)	Result (dB)	high Limit (dB)	Verdict
GPRS1900	512	1850.2	2.70406308	13.00	PASS
GPRS1900	661	1880	2.697779376	13.00	PASS
GPRS1900	810	1909.8	2.688277623	13.00	PASS
GPRS850	128	824.2	2.879607843	13.00	PASS
GPRS850	189	836.4	2.911617021	13.00	PASS
GPRS850	251	848.8	2.890644258	13.00	PASS

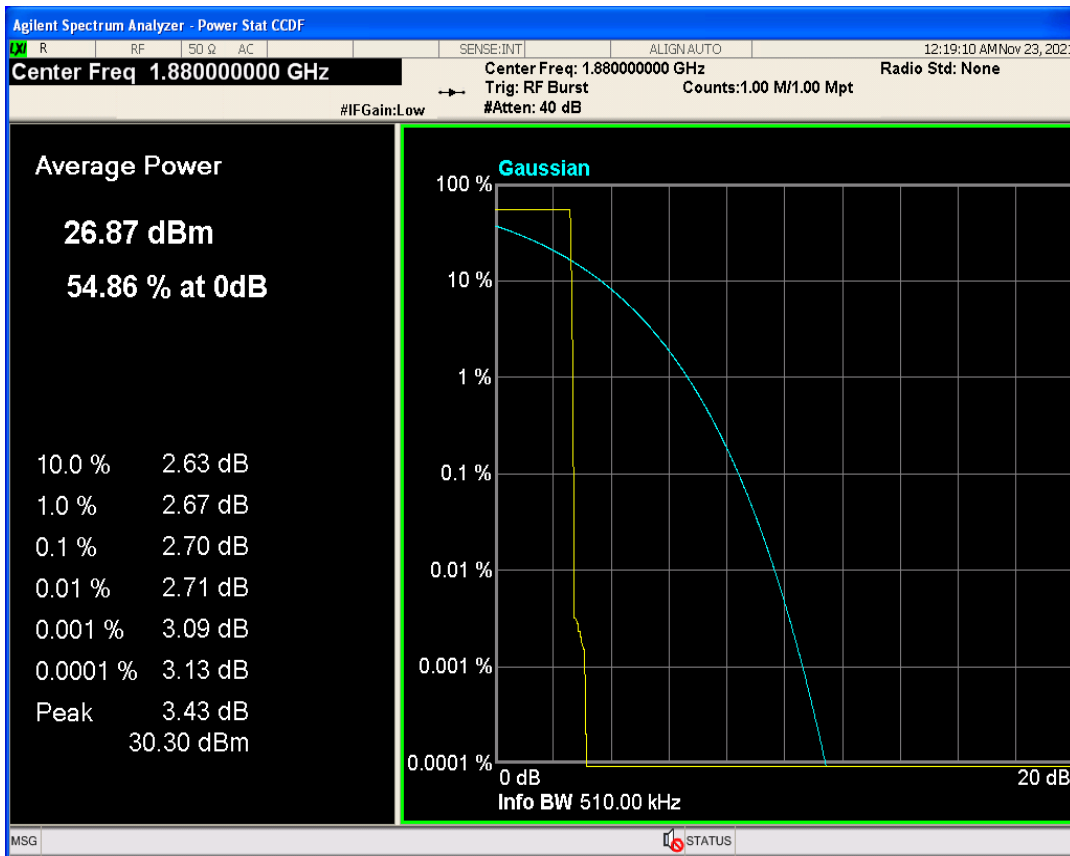
GPRS1900 Channel=512



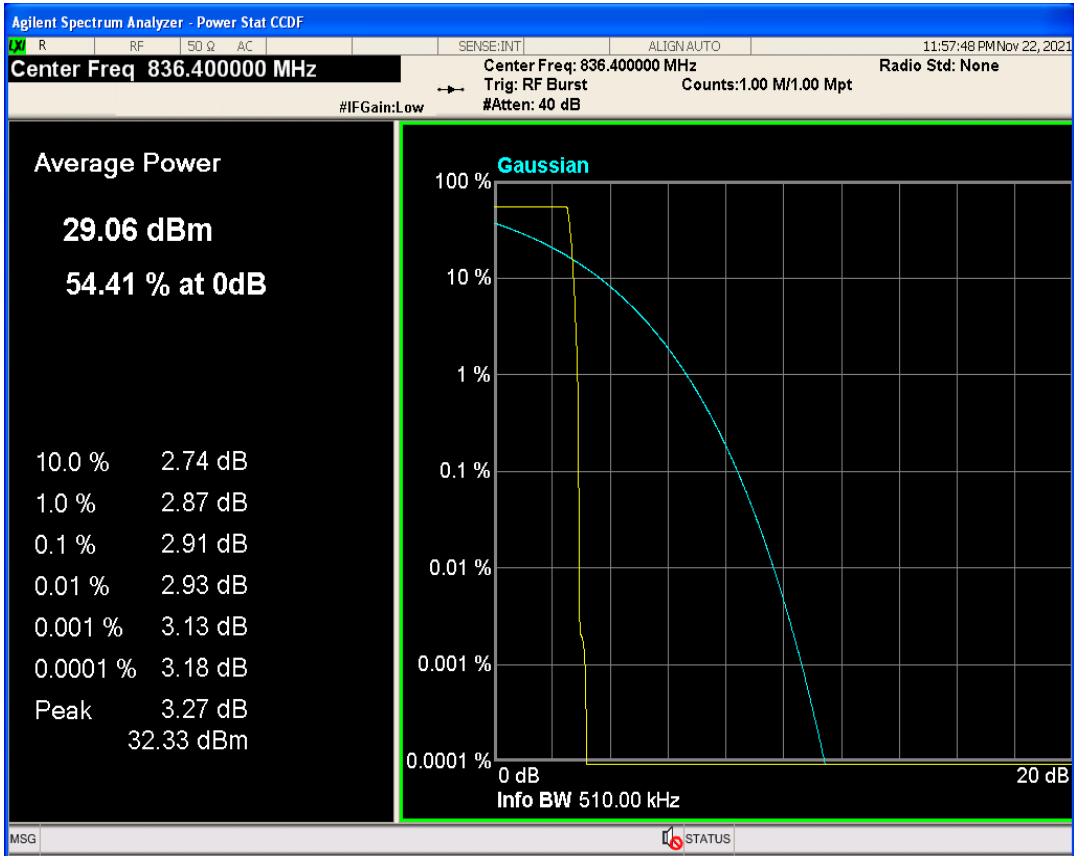
GPRS1900 Channel=810



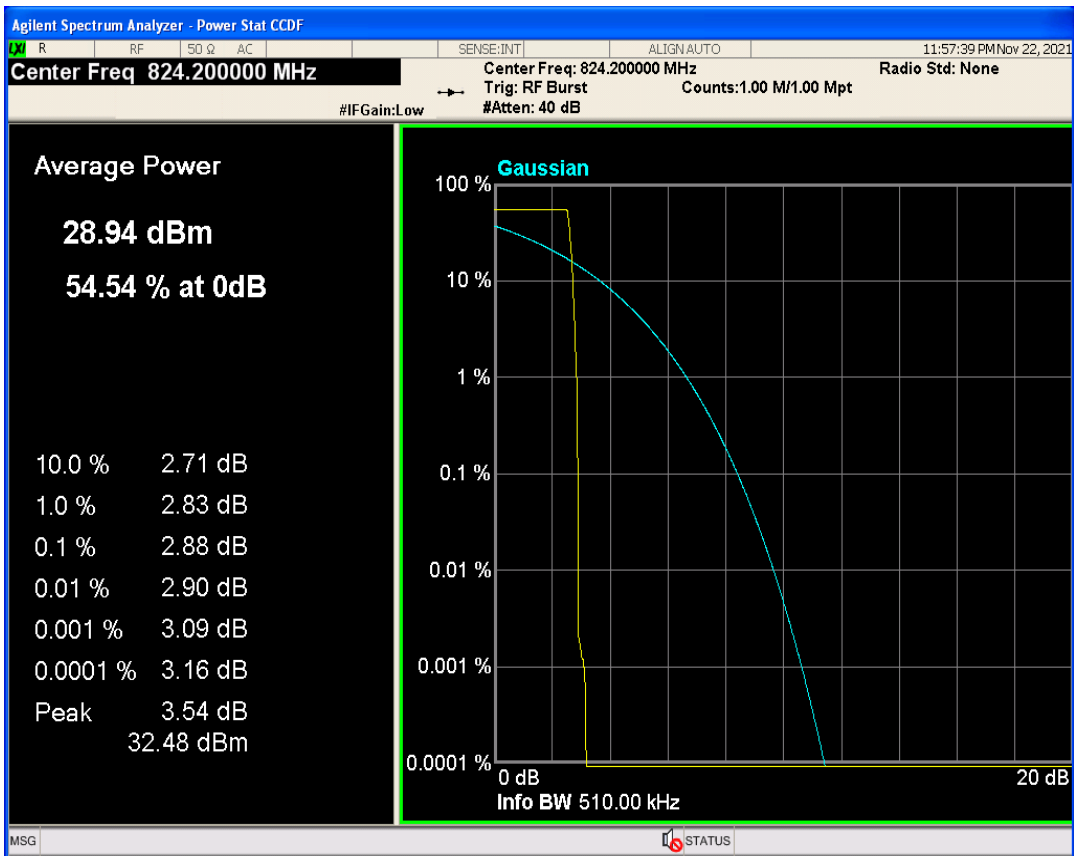
GPRS1900 Channel=661



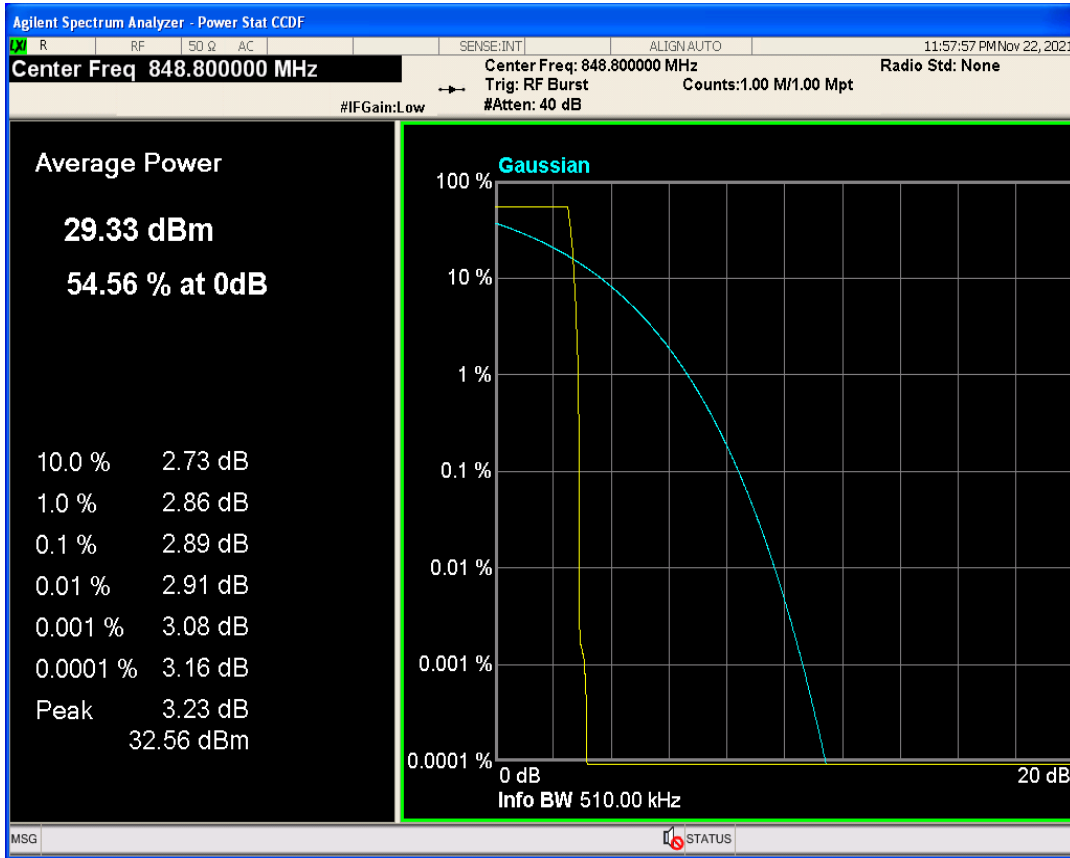
GPRS850 Channel=189



GPRS850 Channel=128



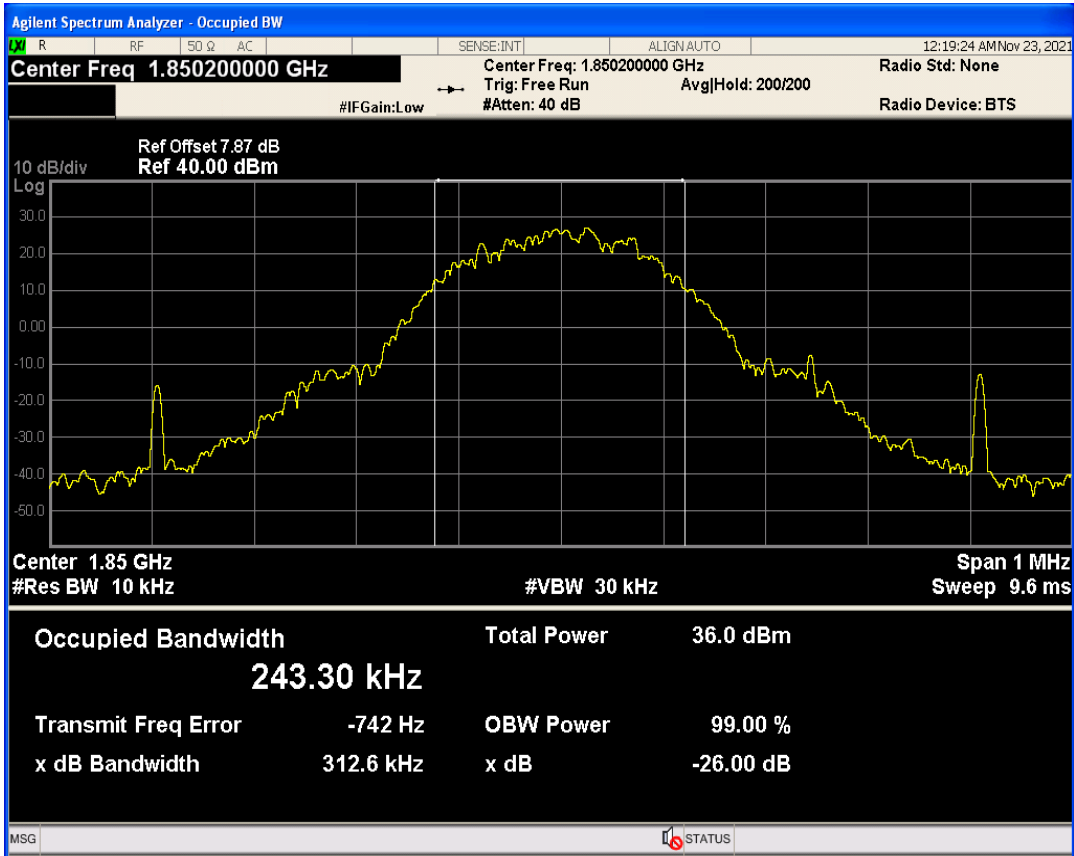
GPRS850 Channel=251



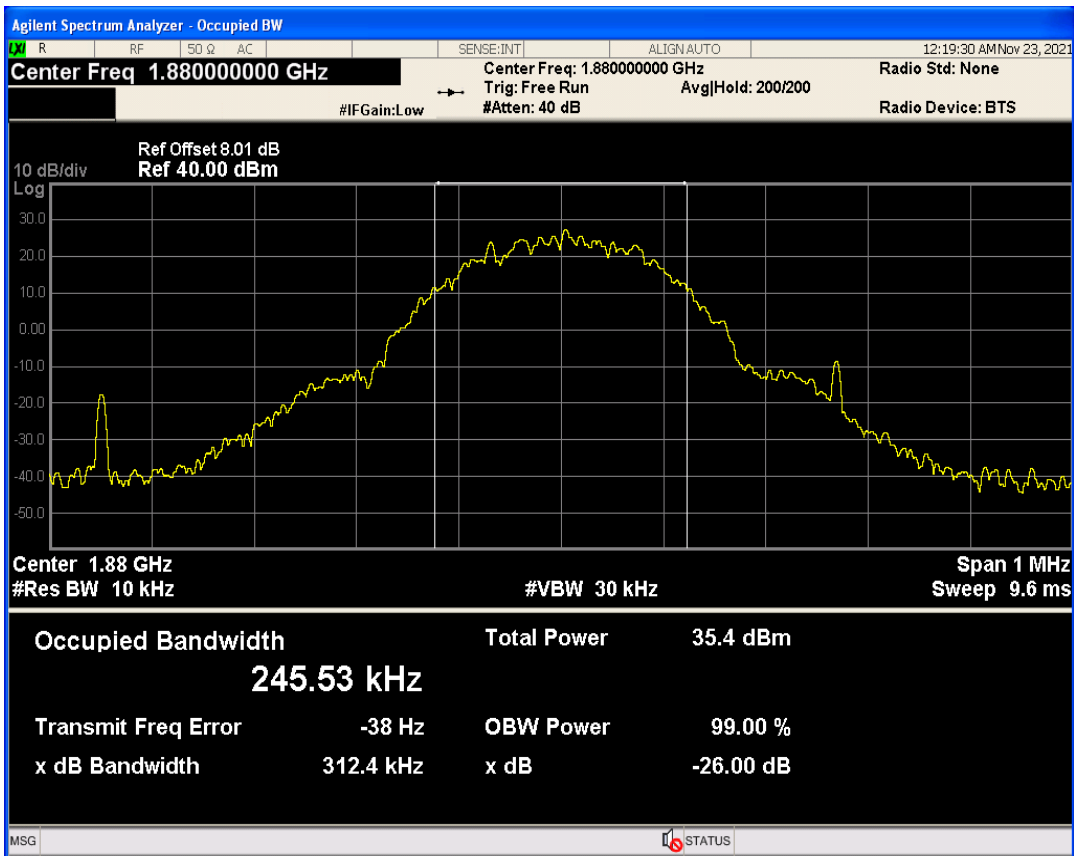
10 Occupied bandwidth

Band	Channel	Frequency (MHz)	99% OBW (kHz)	-26dB EBW (kHz)	Verdict
GPRS1900	512	1850.2	243.304	312.572	PASS
GPRS1900	661	1880	245.529	312.390	PASS
GPRS1900	810	1909.8	241.641	320.704	PASS
GPRS850	128	824.2	242.926	315.493	PASS
GPRS850	189	836.4	241.734	309.381	PASS
GPRS850	251	848.8	248.536	325.259	PASS

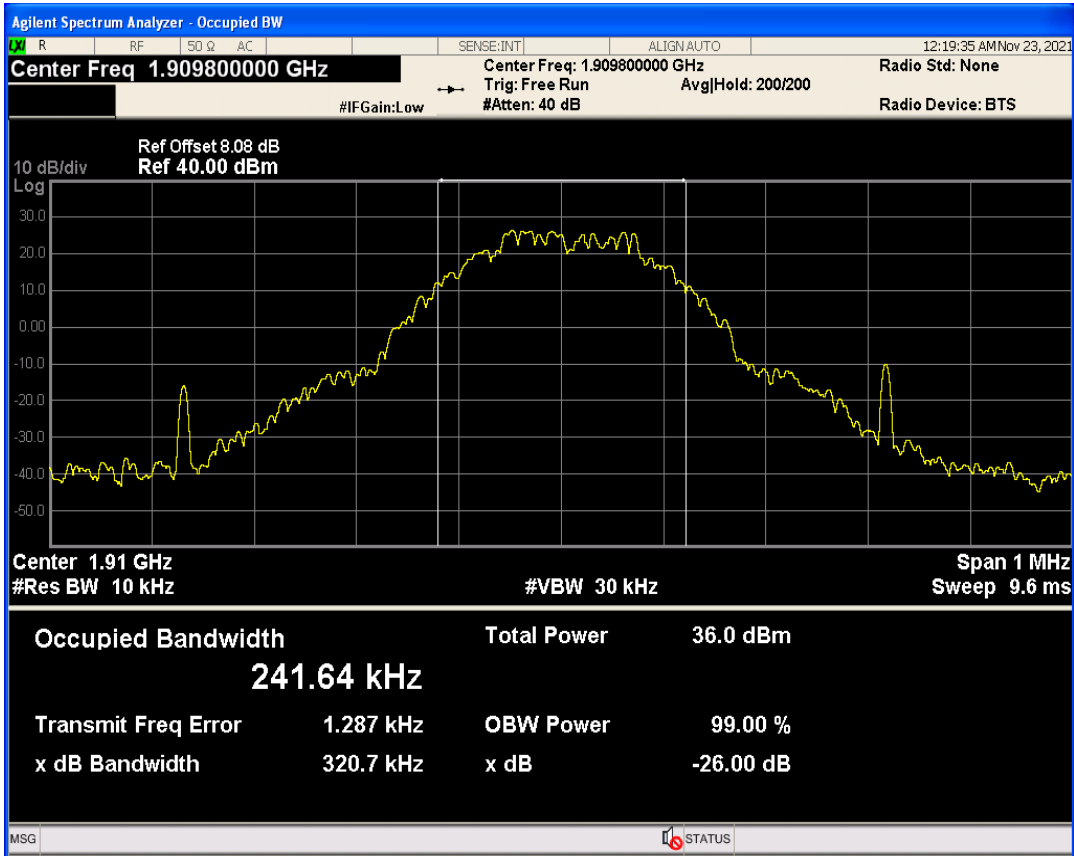
GPRS1900 Channel=512



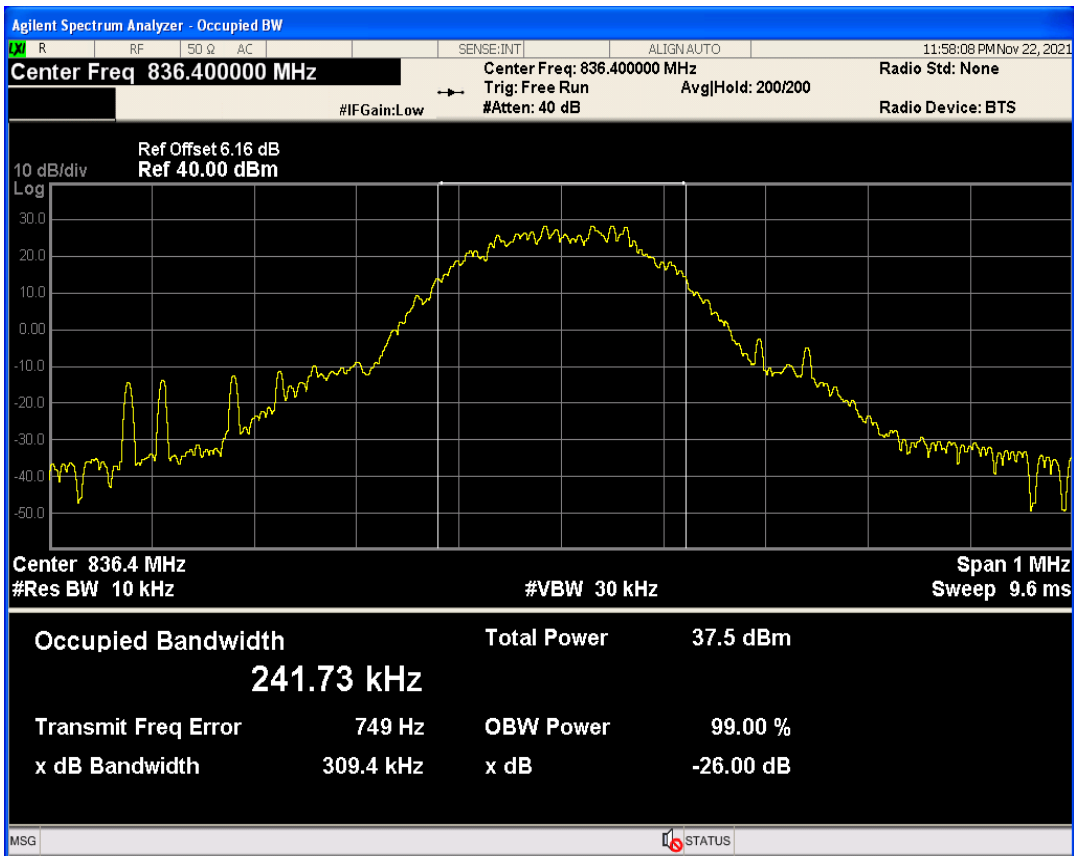
GPRS1900 Channel=661



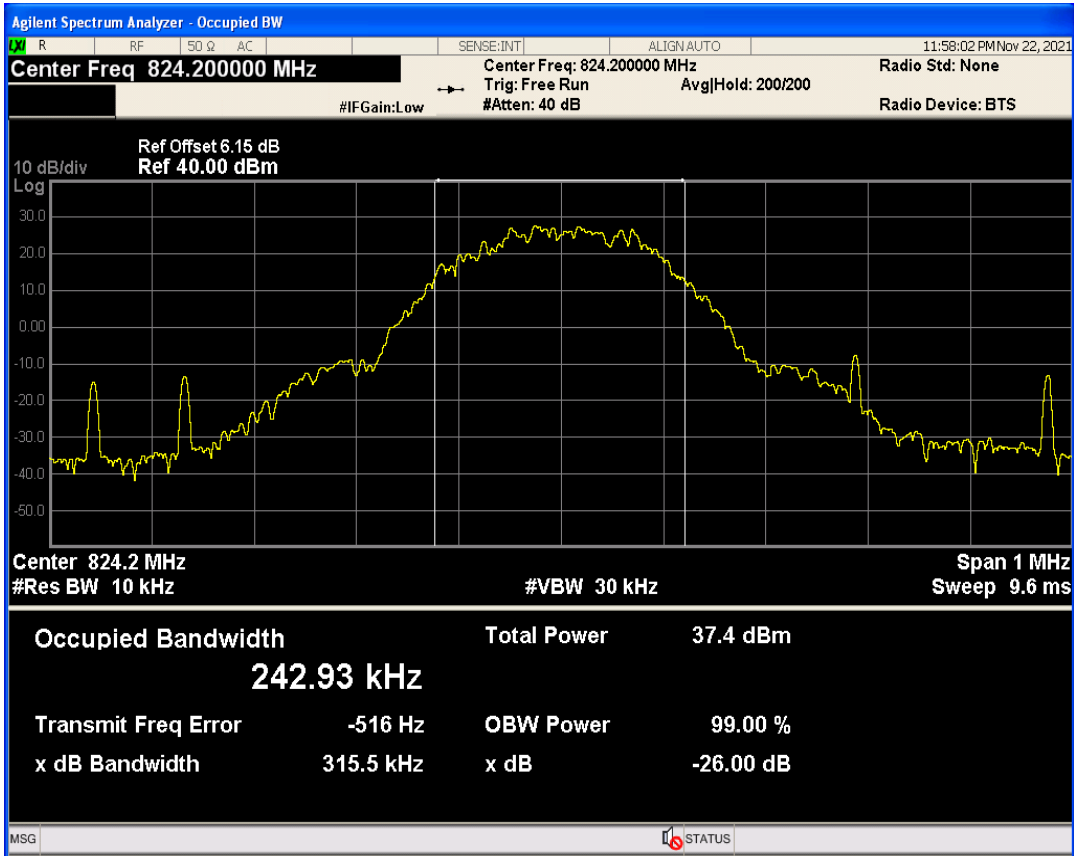
GPRS1900 Channel=810



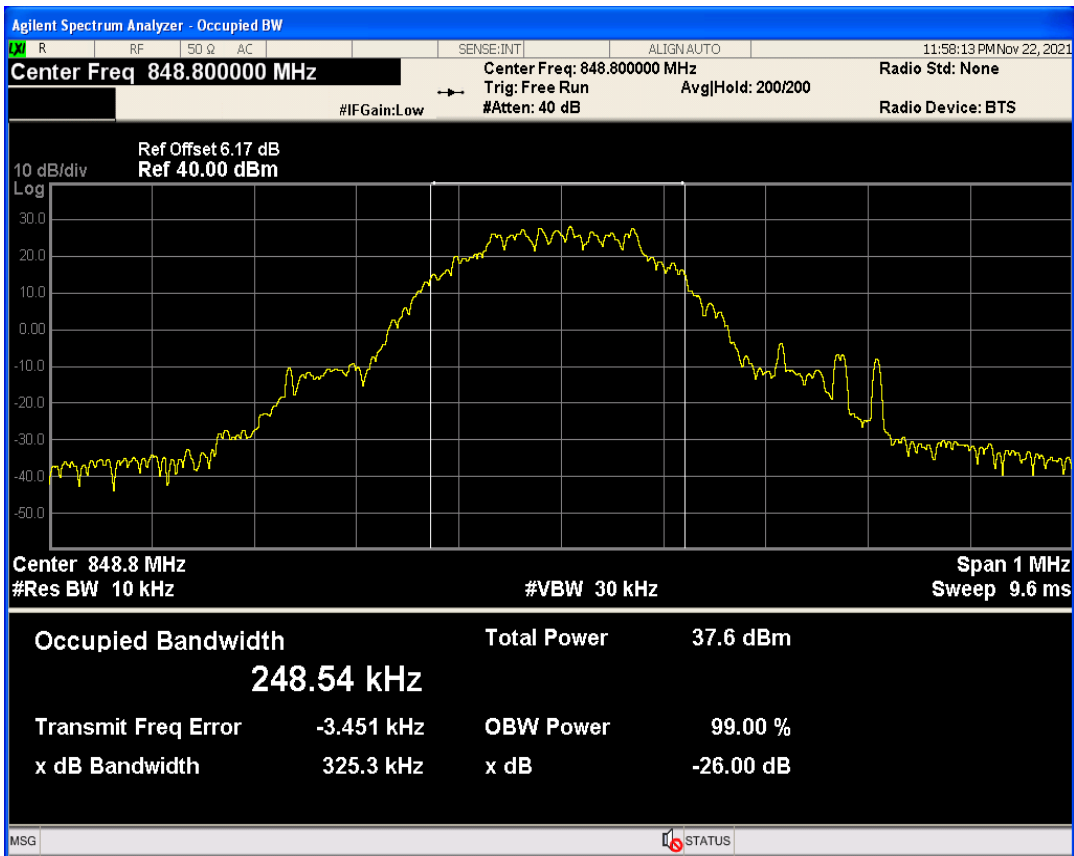
GPRS850 Channel=189



GPRS850 Channel=128



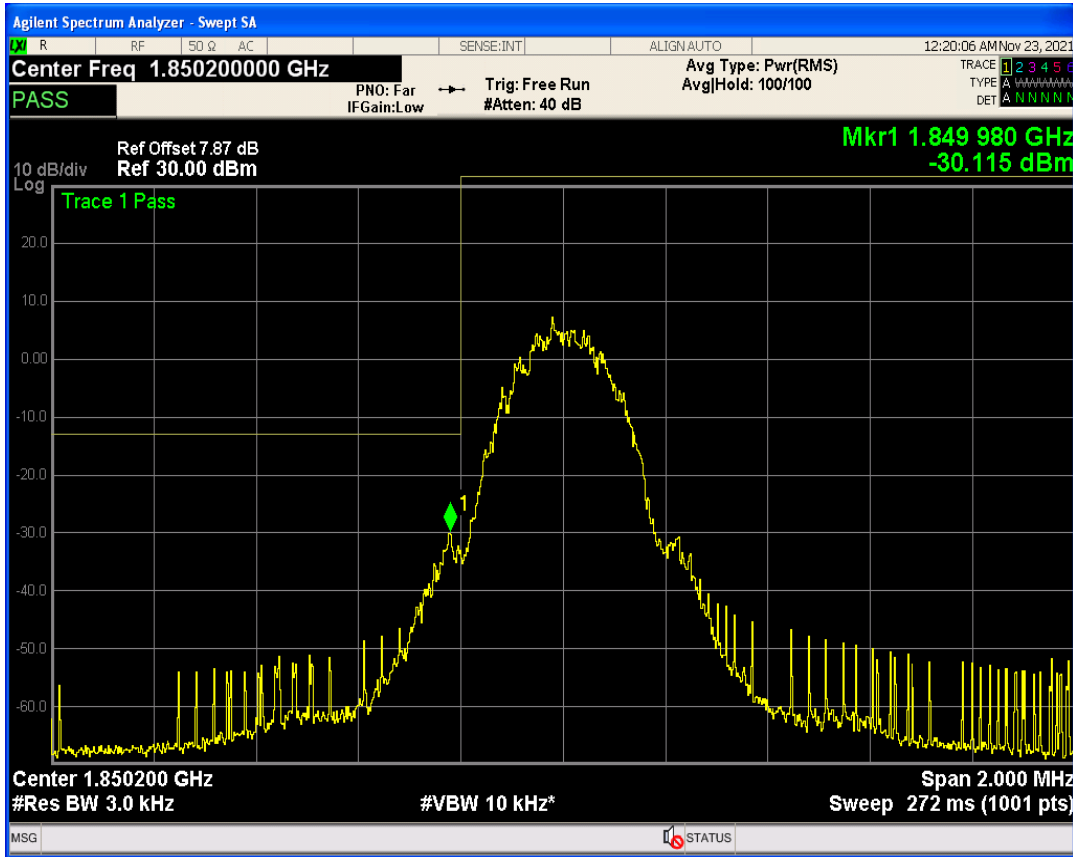
GPRS850 Channel=251



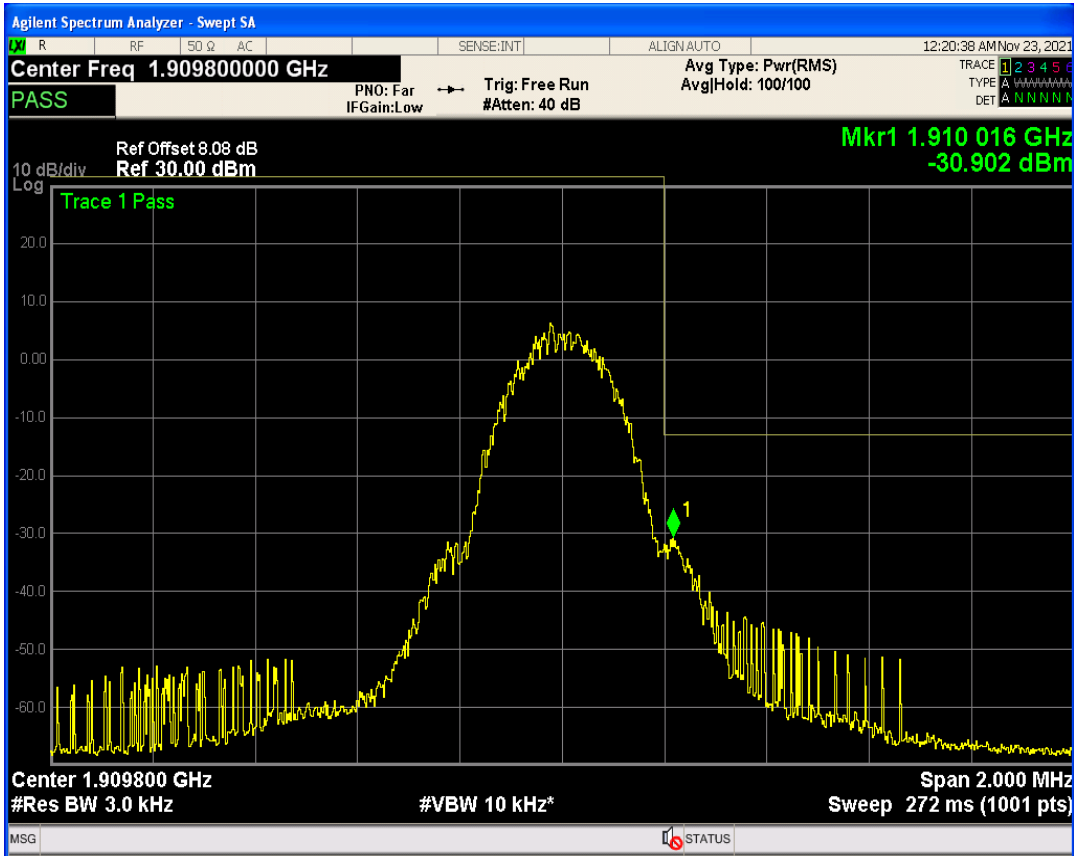
11 Band edge

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
GPRS1900	512	1850.2	1849.98	-30.11	-13	PASS
GPRS1900	810	1909.8	1910.02	-30.90	-13	PASS
GPRS850	128	824.2	823.97	-29.48	-13	PASS
GPRS850	251	848.8	849.02	-29.37	-13	PASS

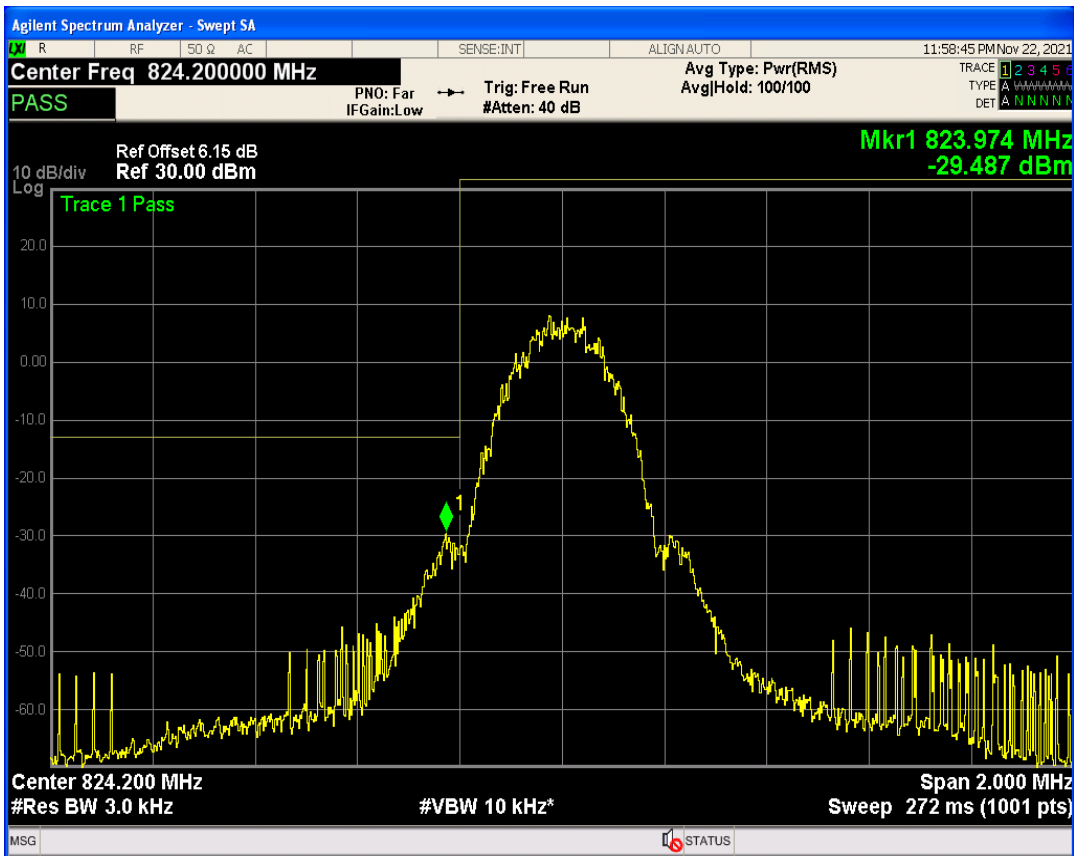
GPRS1900 Channel=512



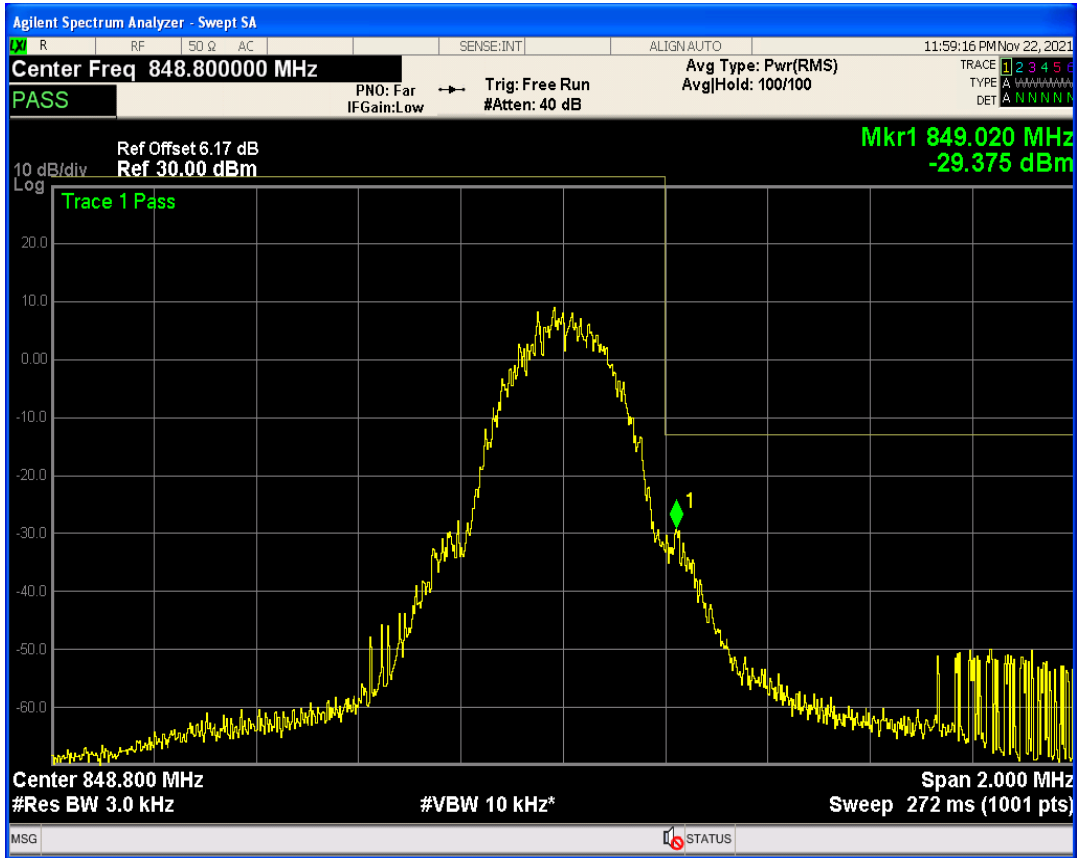
GPRS1900 Channel=810



GPRS850 Channel=128



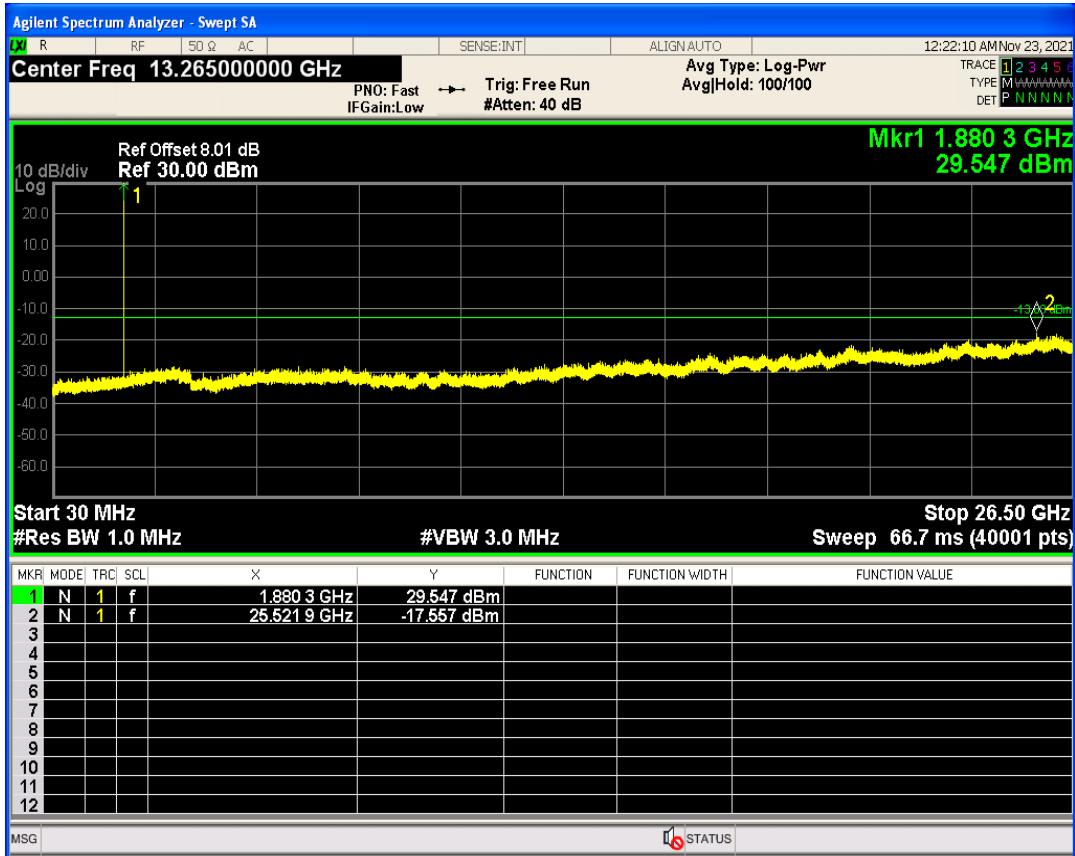
GPRS850 Channel=251



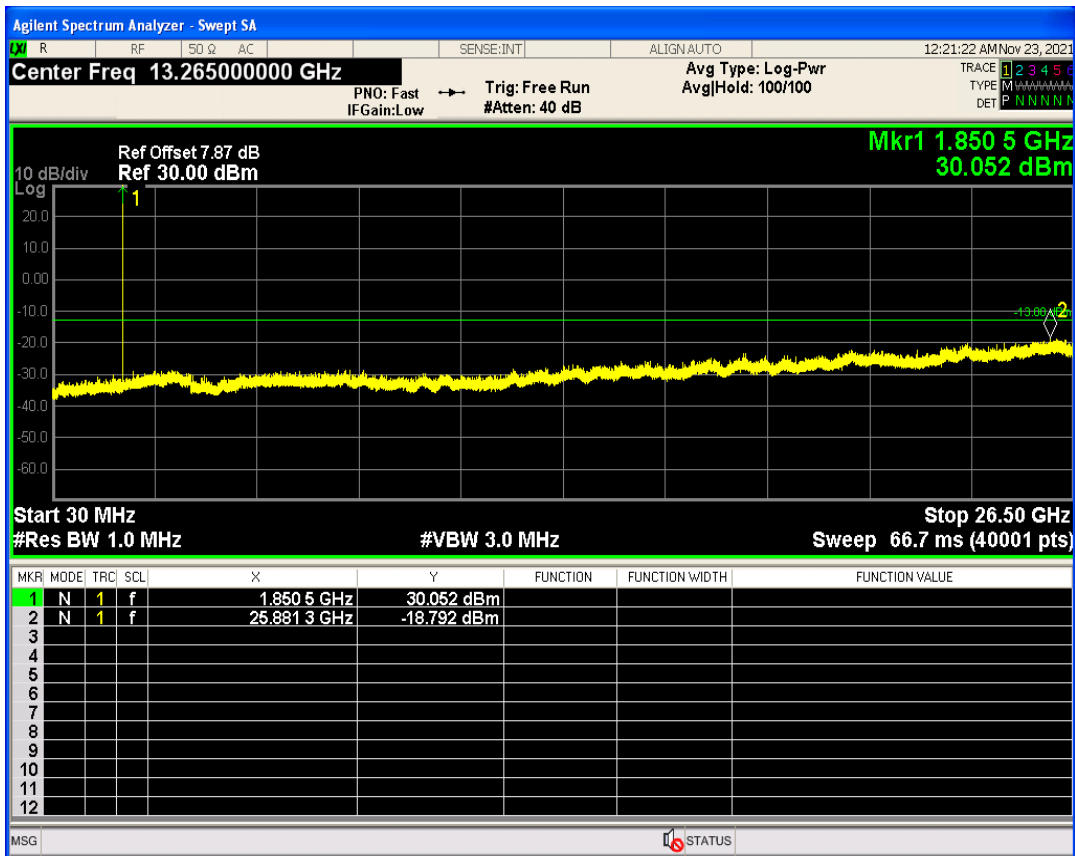
12 Out-of-band emissions

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
GPRS1900	512	1850.2	25881.26	-18.79	-13	PASS
GPRS1900	661	1880	25521.93	-17.55	-13	PASS
GPRS1900	810	1909.8	25922.29	-18.76	-13	PASS
GPRS850	128	824.2	25573.55	-20.11	-13	PASS
GPRS850	189	836.4	25511.35	-19.98	-13	PASS
GPRS850	251	848.8	25969.28	-18.98	-13	PASS

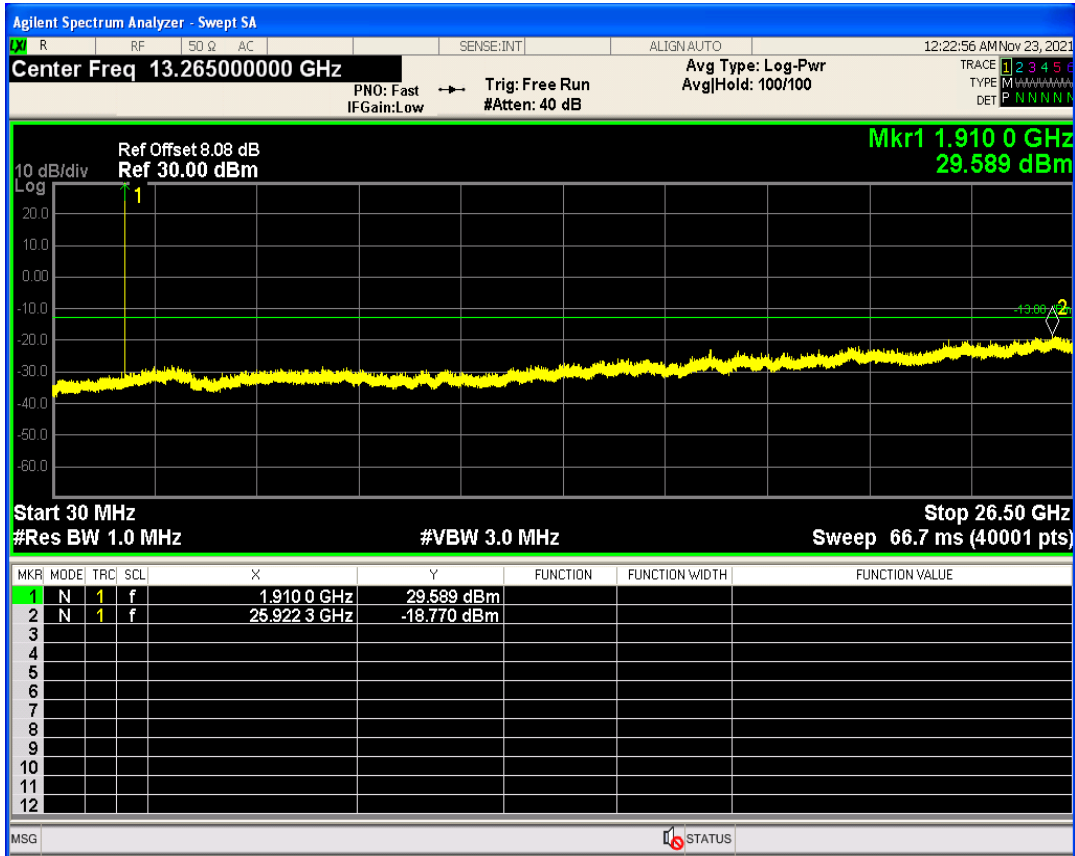
GPRS1900 Channel=661



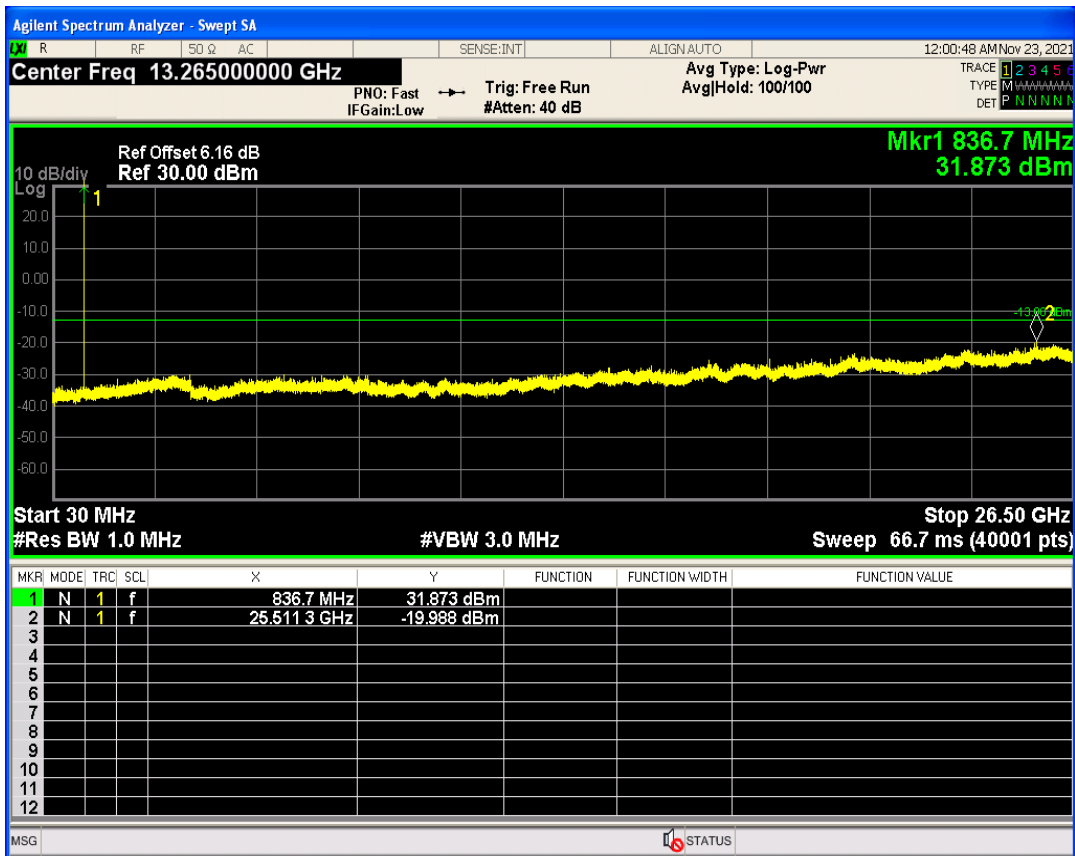
GPRS1900 Channel=512



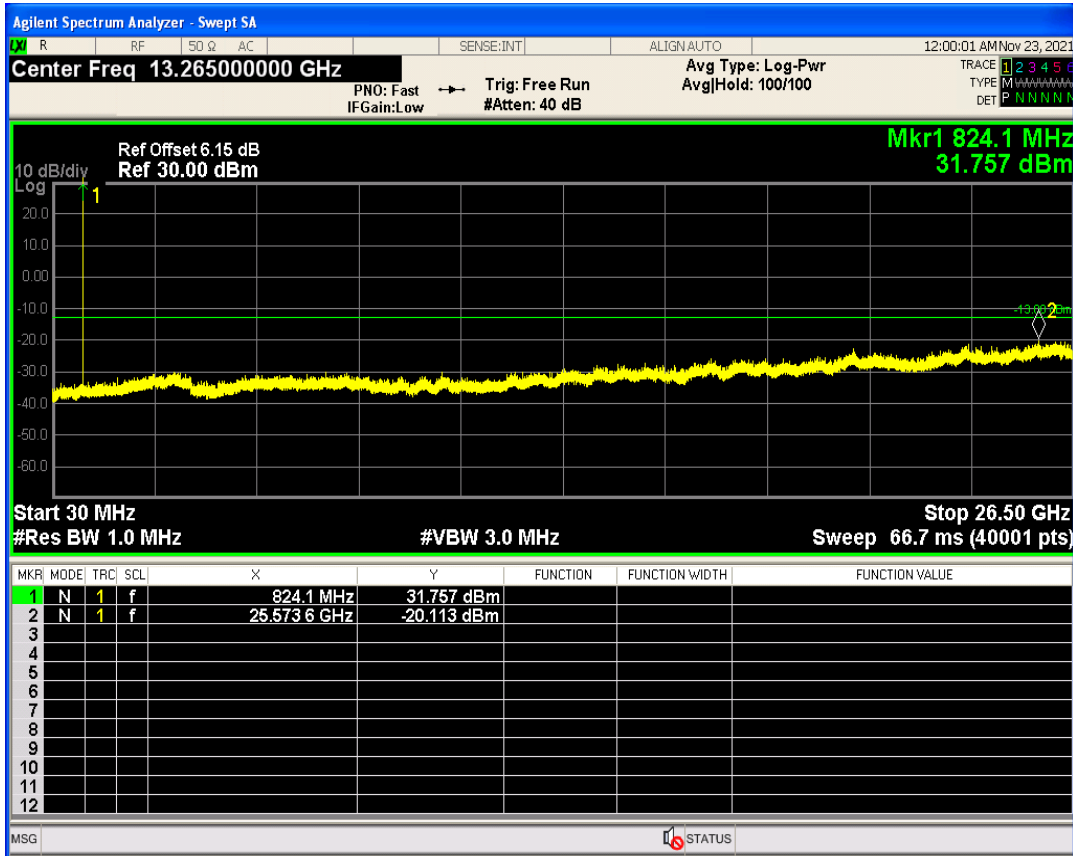
GPRS1900 Channel=810



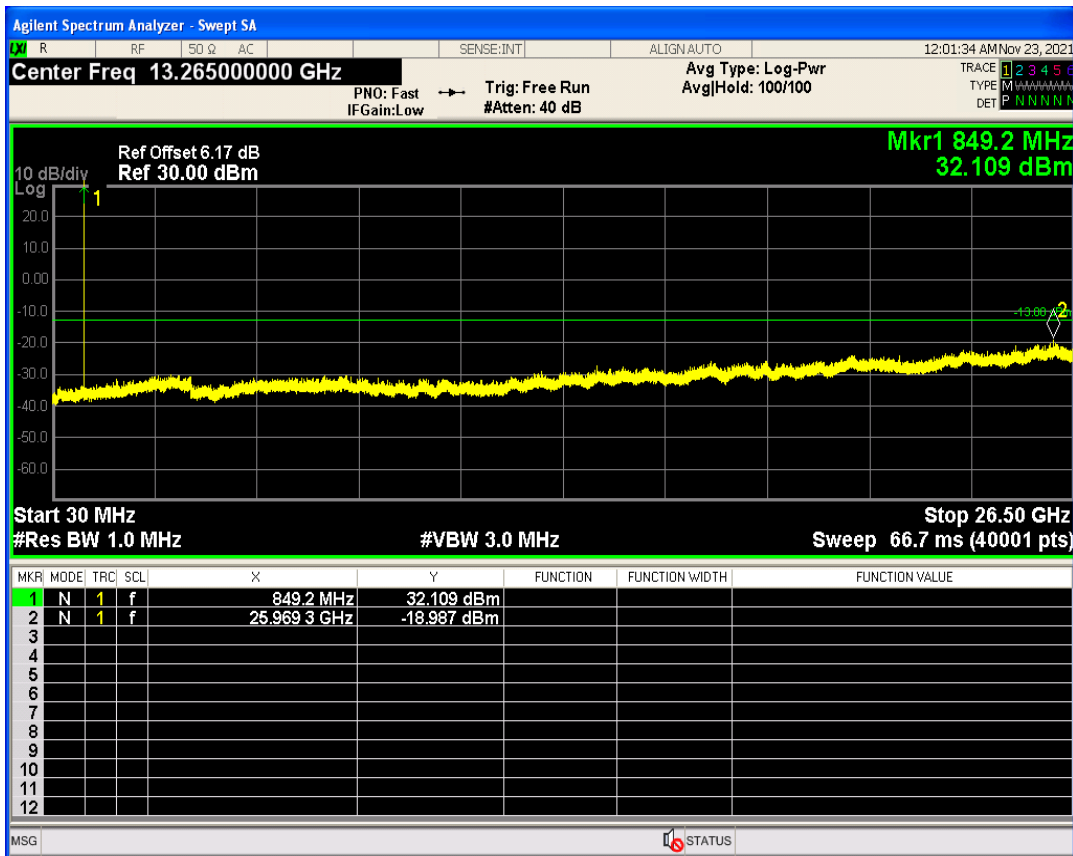
GPRS850 Channel=189



GPRS850 Channel=128



GPRS850 Channel=251



01 Conducted output power

Band	Channel	Frequency (MHz)	Power (dBm)	high Limit (dBm)	Verdict
GSM1900	512	1850.2	29.22	37	PASS
GSM1900	661	1880	28.88	37	PASS
GSM1900	810	1909.8	28.51	37	PASS
GSM850	128	824.2	31.52	37	PASS
GSM850	189	836.4	31.37	37	PASS
GSM850	251	848.8	31.54	37	PASS

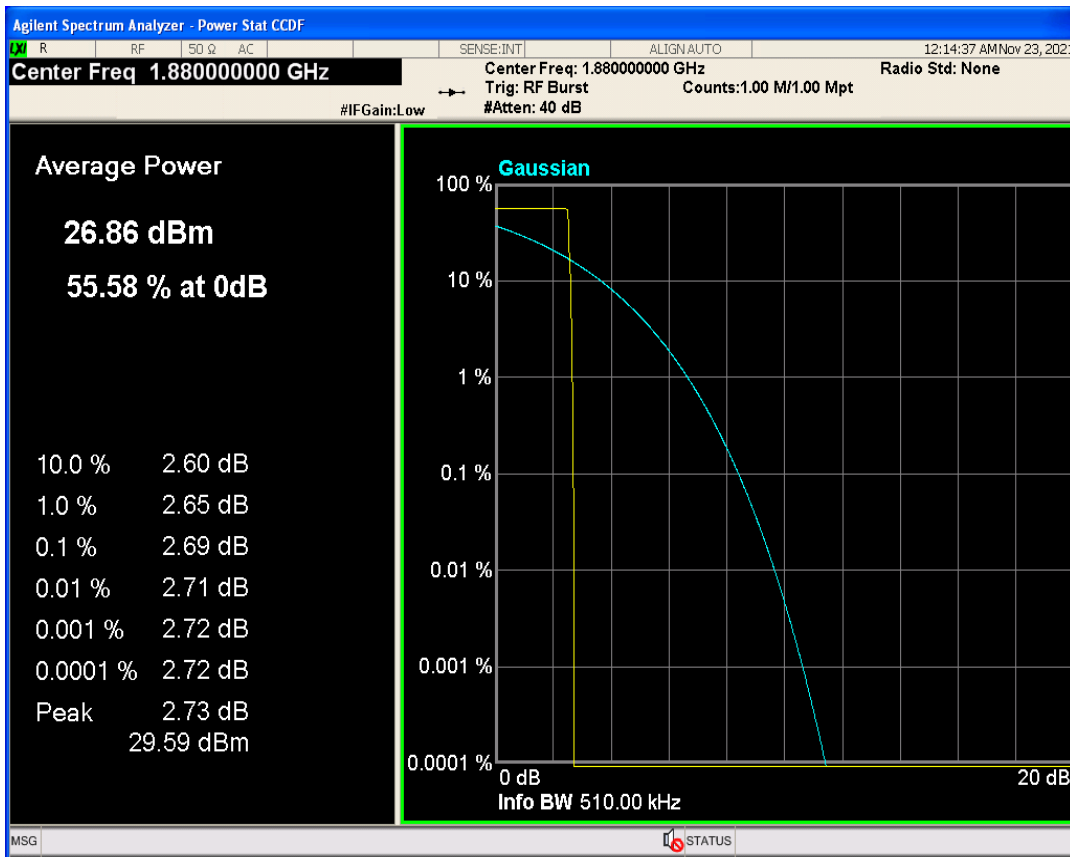
02 Frequency stability

Band	Channel	Frequency (MHz)	Result(Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
GSM1900	661	1880	-12.95	-0.007	-2.5	2.5	PASS
GSM850	189	836.4	17.11	0.020	-2.5	2.5	PASS

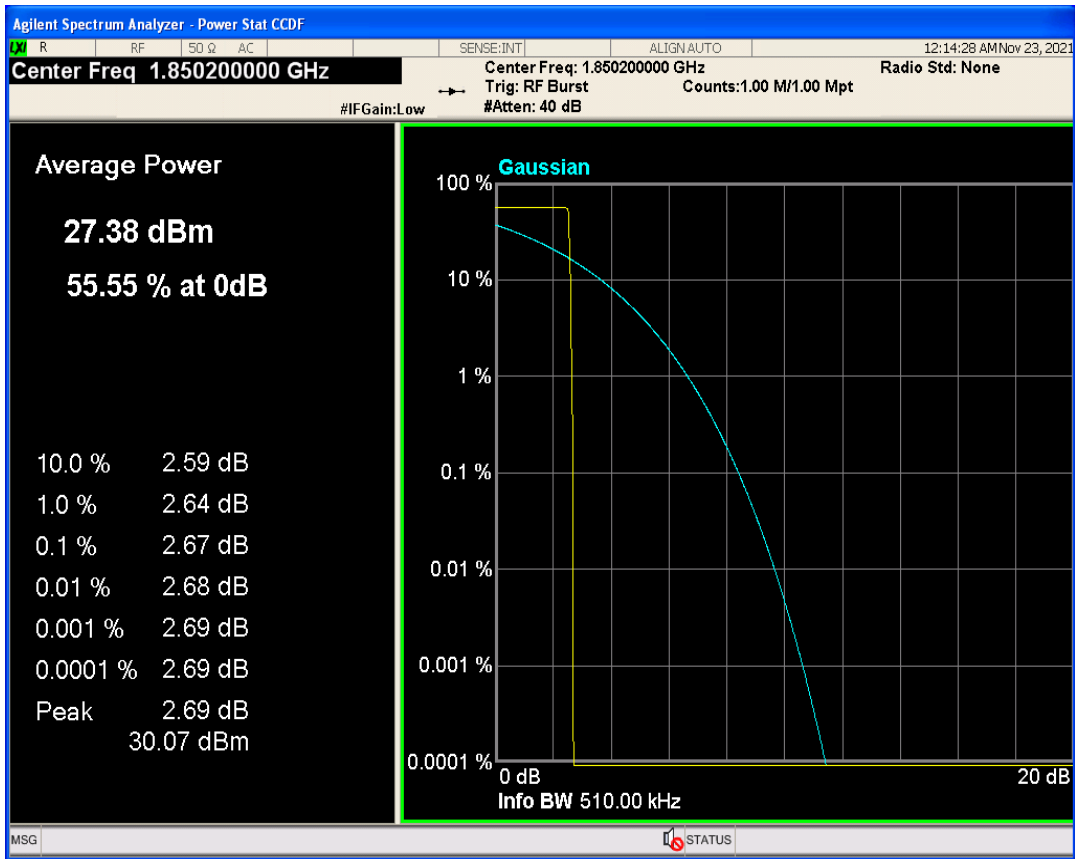
03 Peak-to-Average Ratio

Band	Channel	Frequency (MHz)	Result (dB)	high Limit (dB)	Verdict
GSM1900	512	1850.2	2.67	13	PASS
GSM1900	661	1880	2.69	13	PASS
GSM1900	810	1909.8	2.66	13	PASS
GSM850	128	824.2	2.86	13	PASS
GSM850	189	836.4	2.89	13	PASS
GSM850	251	848.8	2.86	13	PASS

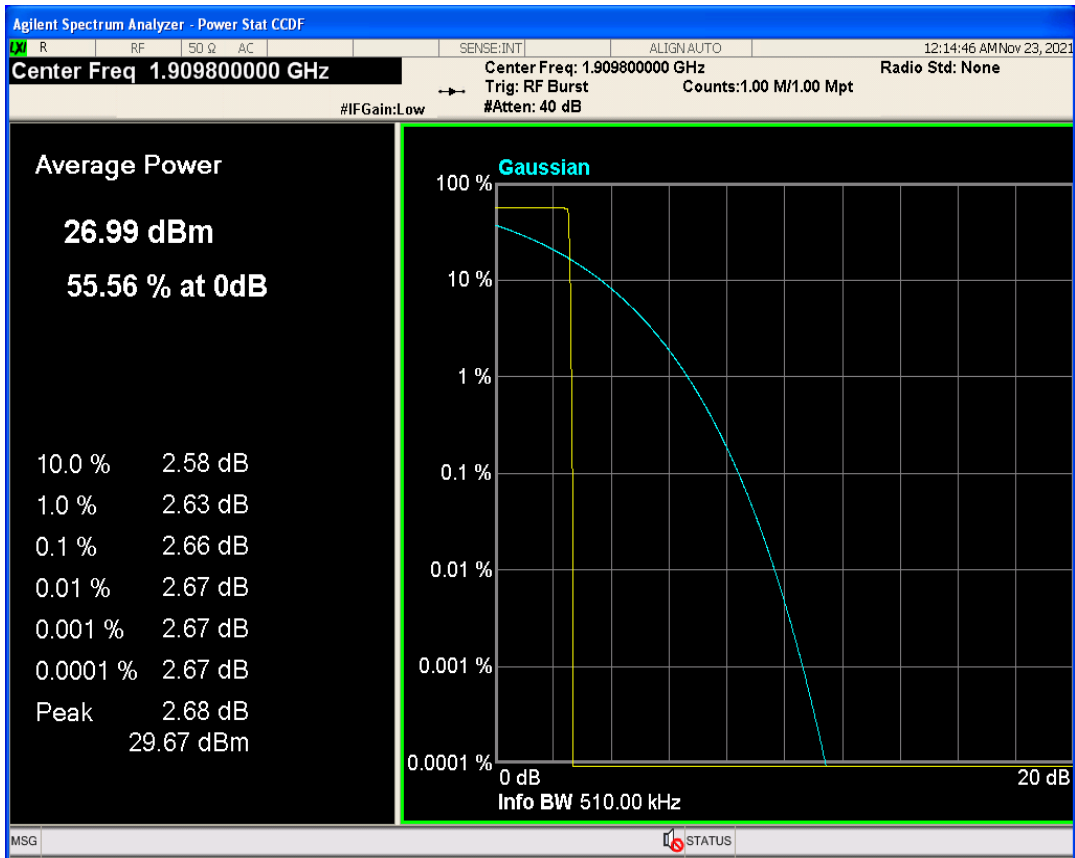
GSM1900 Channel=661



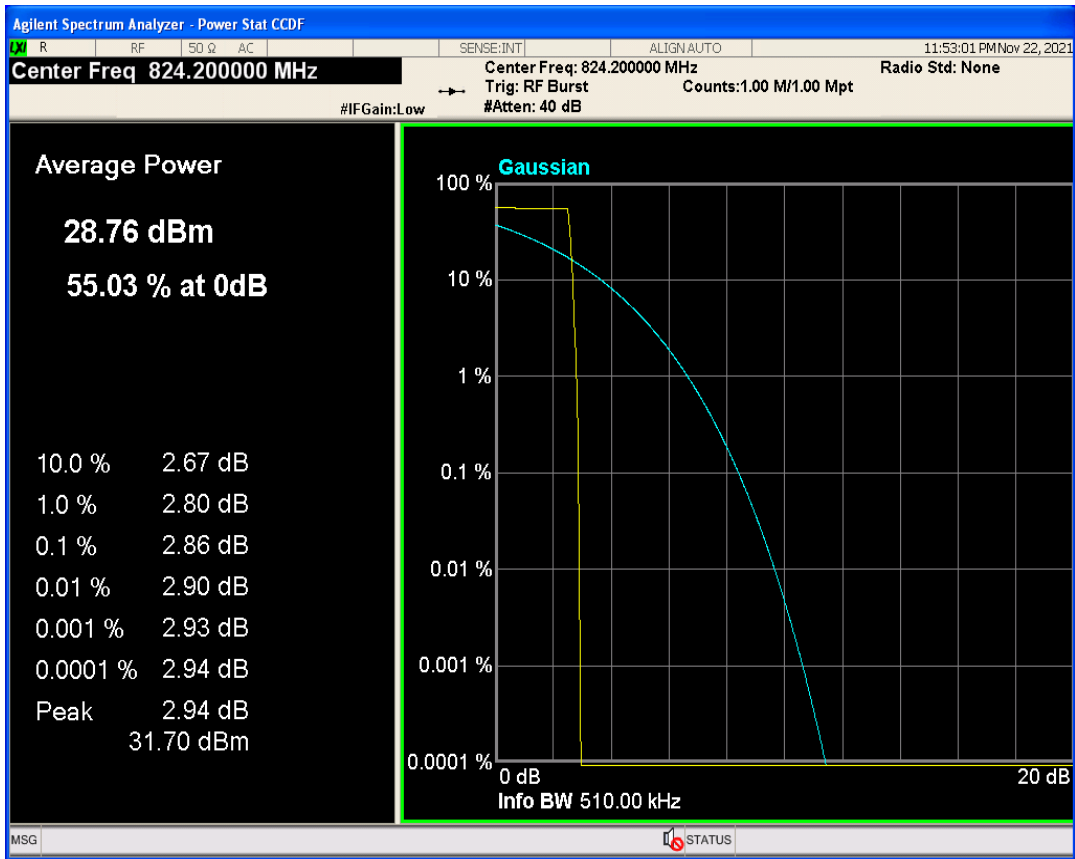
GSM1900 Channel=512



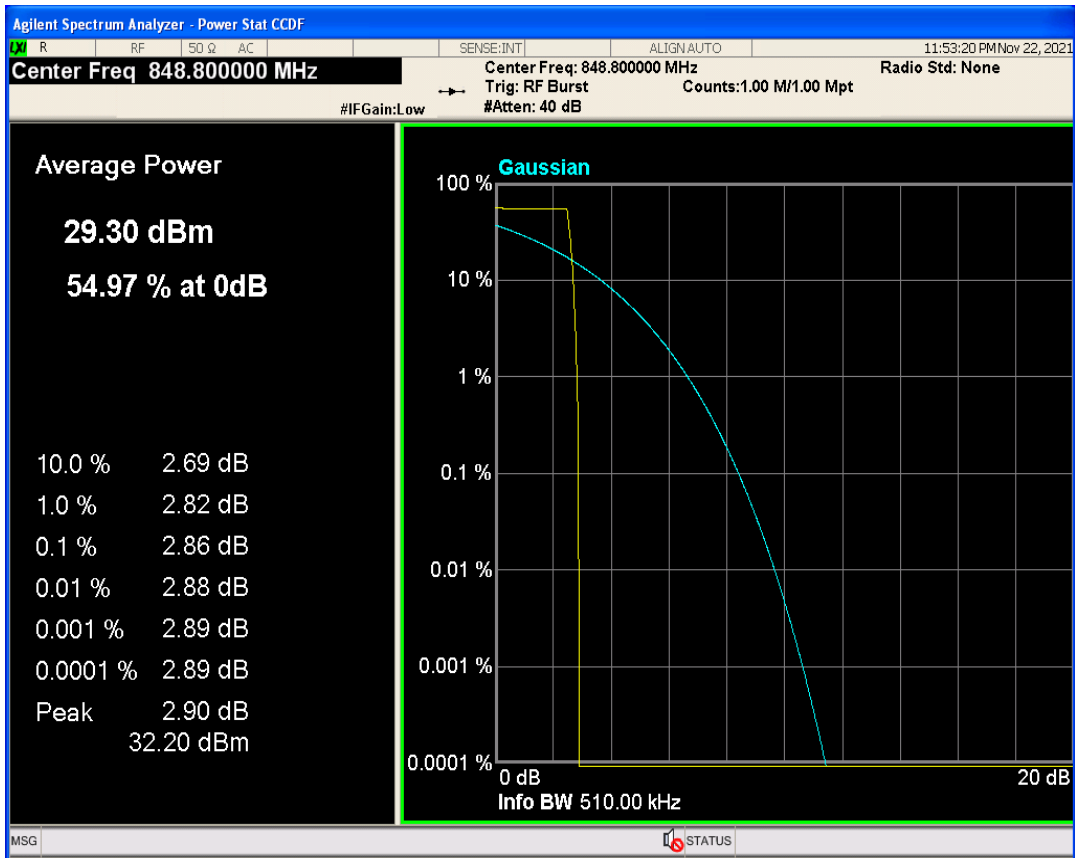
GSM1900 Channel=810



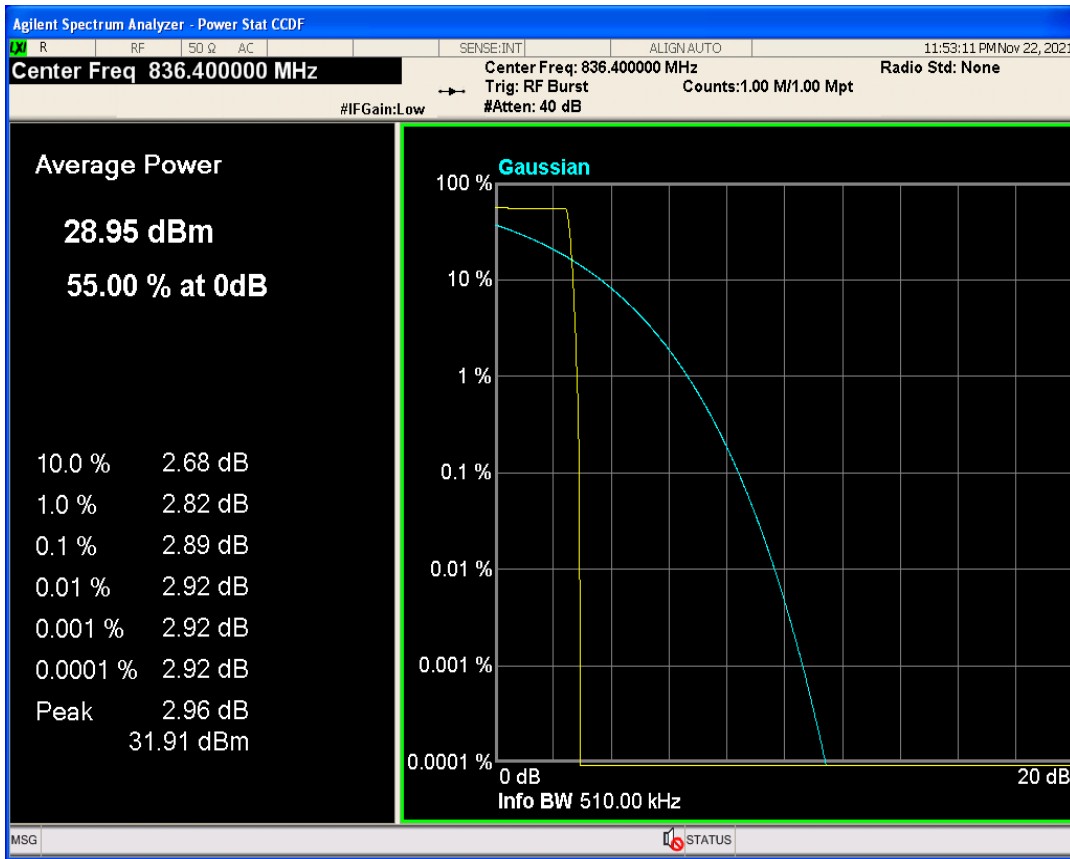
GSM850 Channel=128



GSM850 Channel=251



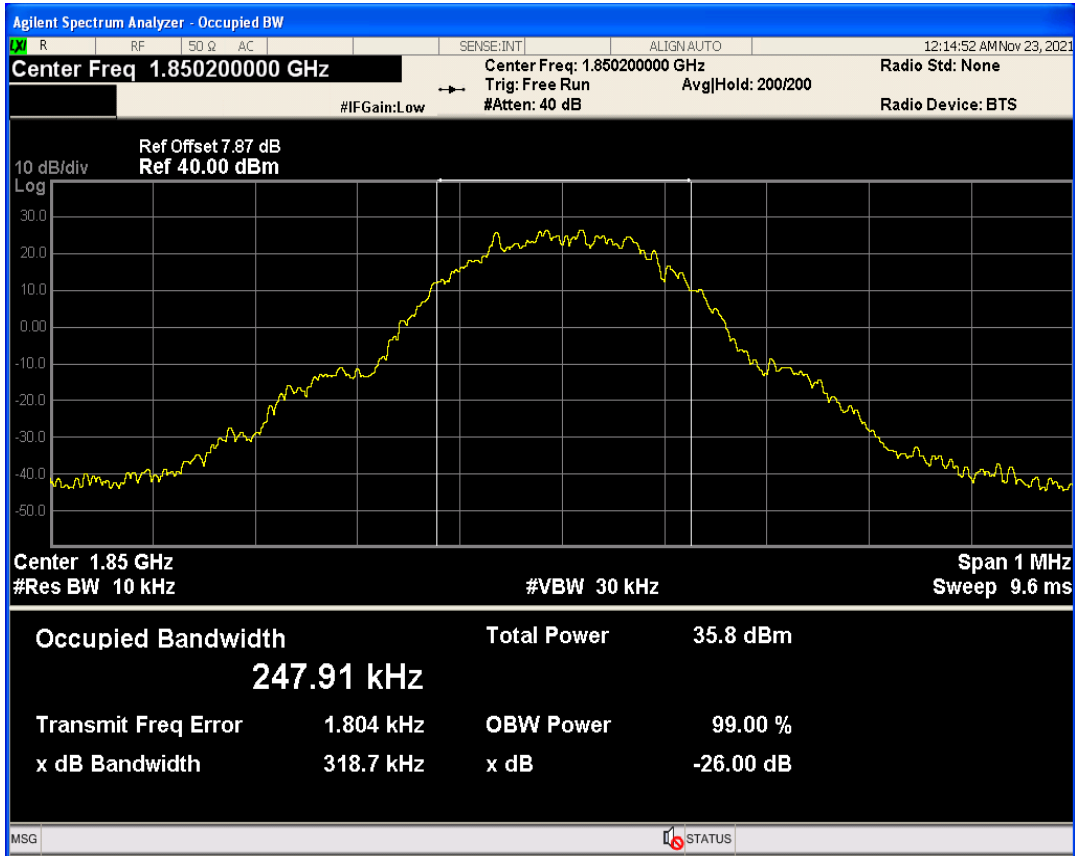
GSM850 Channel=189



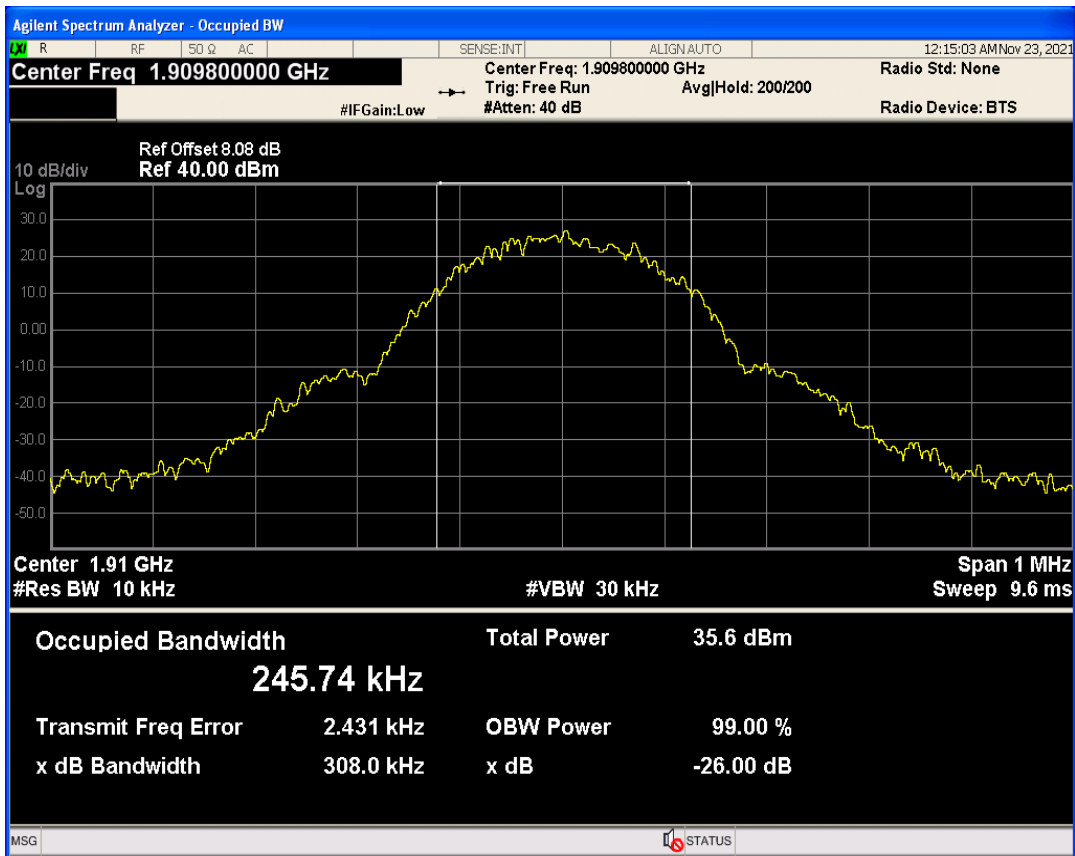
04 Occupied bandwidth

Band	Channel	Frequency (MHz)	99% OBW (kHz)	-26dB EBW (kHz)	Verdict
GSM1900	512	1850.2	247.912	318.697	PASS
GSM1900	661	1880	247.589	318.812	PASS
GSM1900	810	1909.8	245.738	307.954	PASS
GSM850	128	824.2	249.126	321.659	PASS
GSM850	189	836.4	244.689	317.753	PASS
GSM850	251	848.8	243.456	318.646	PASS

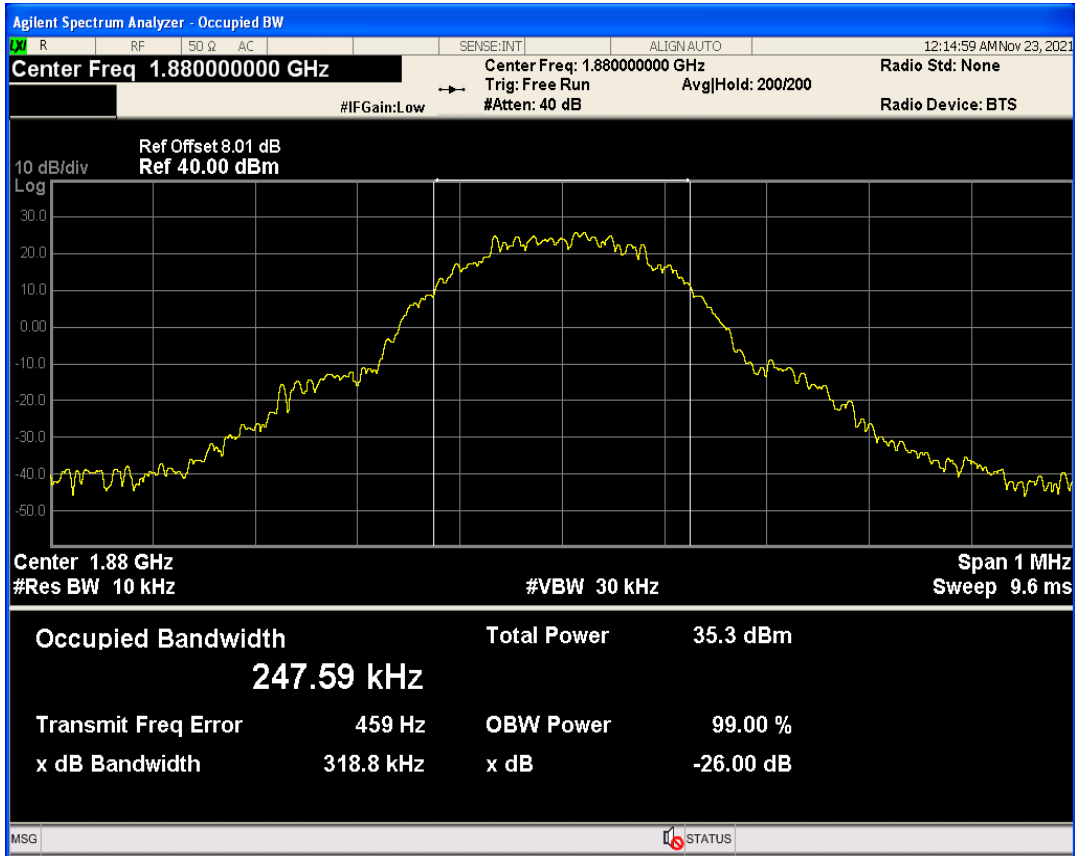
GSM1900 Channel=512



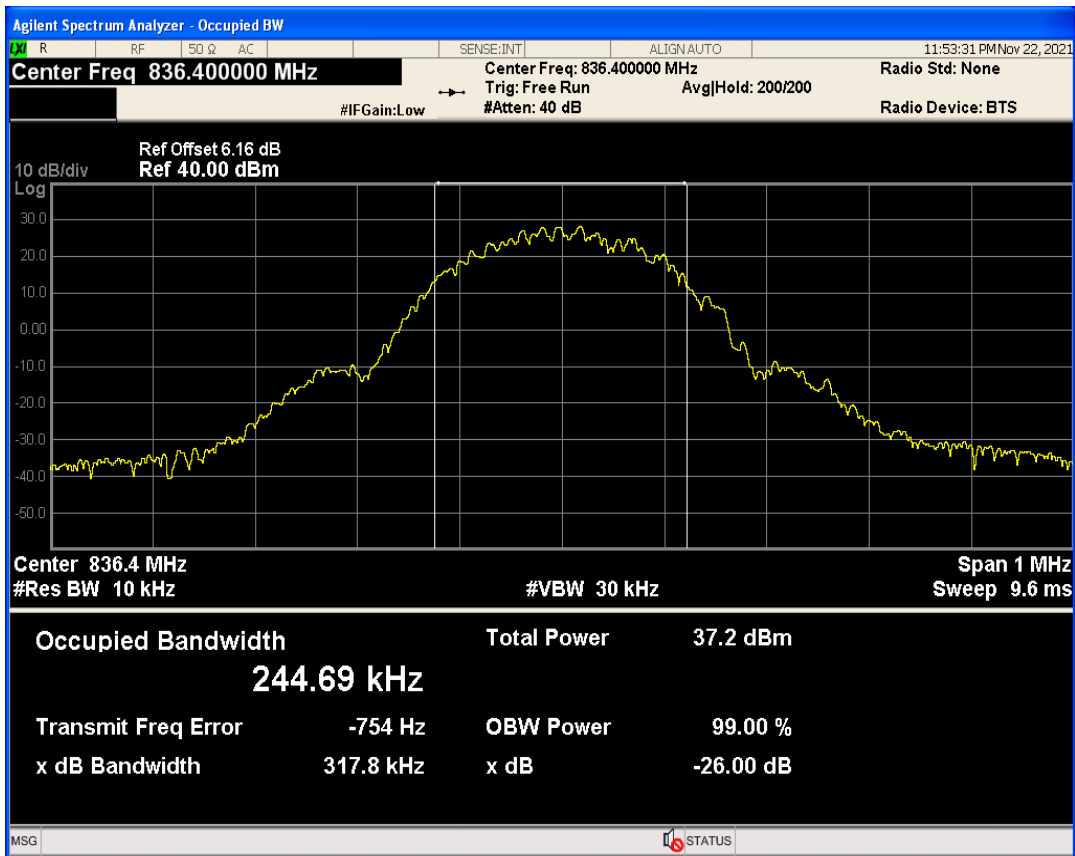
GSM1900 Channel=810



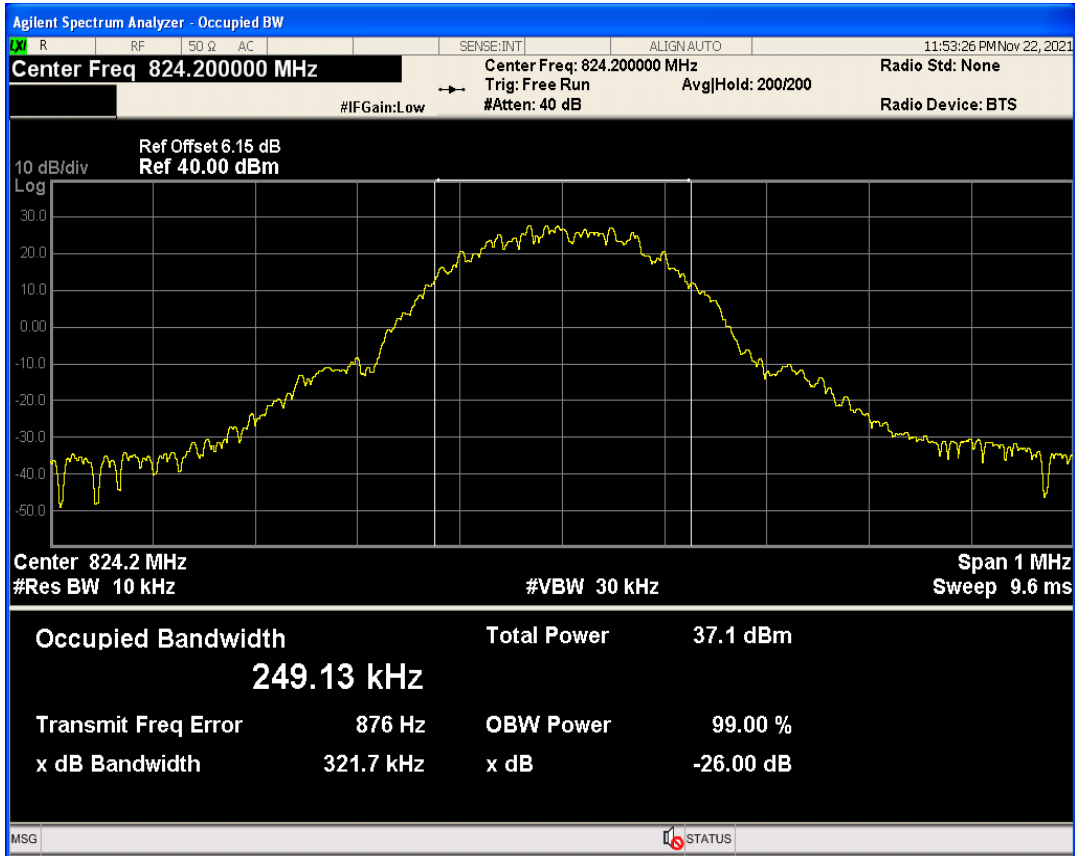
GSM1900 Channel=661



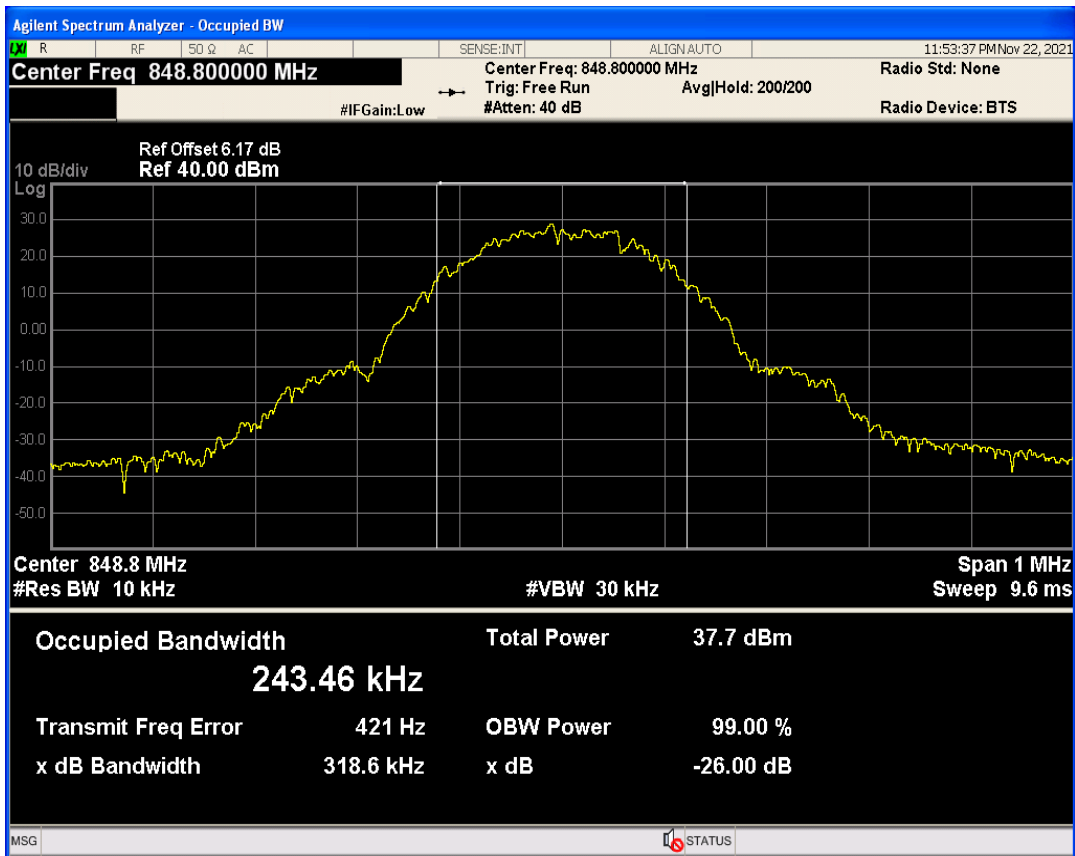
GSM850 Channel=189



GSM850 Channel=128



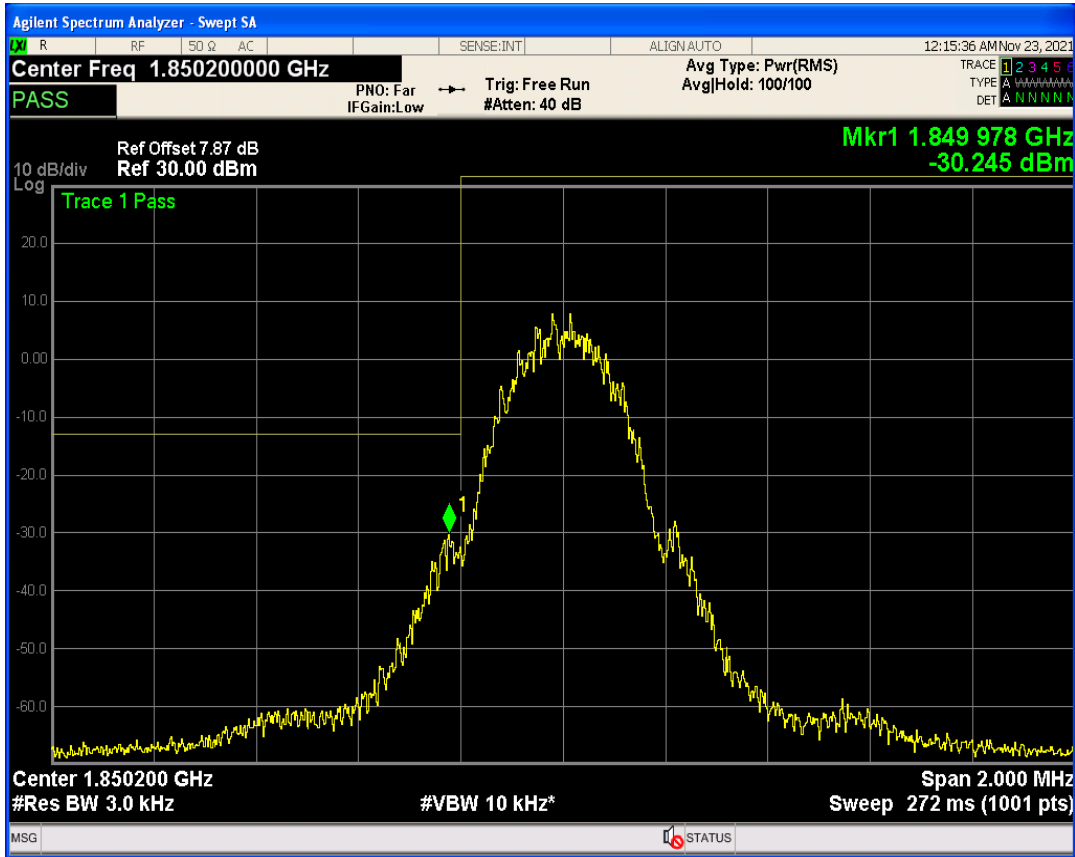
GSM850 Channel=251



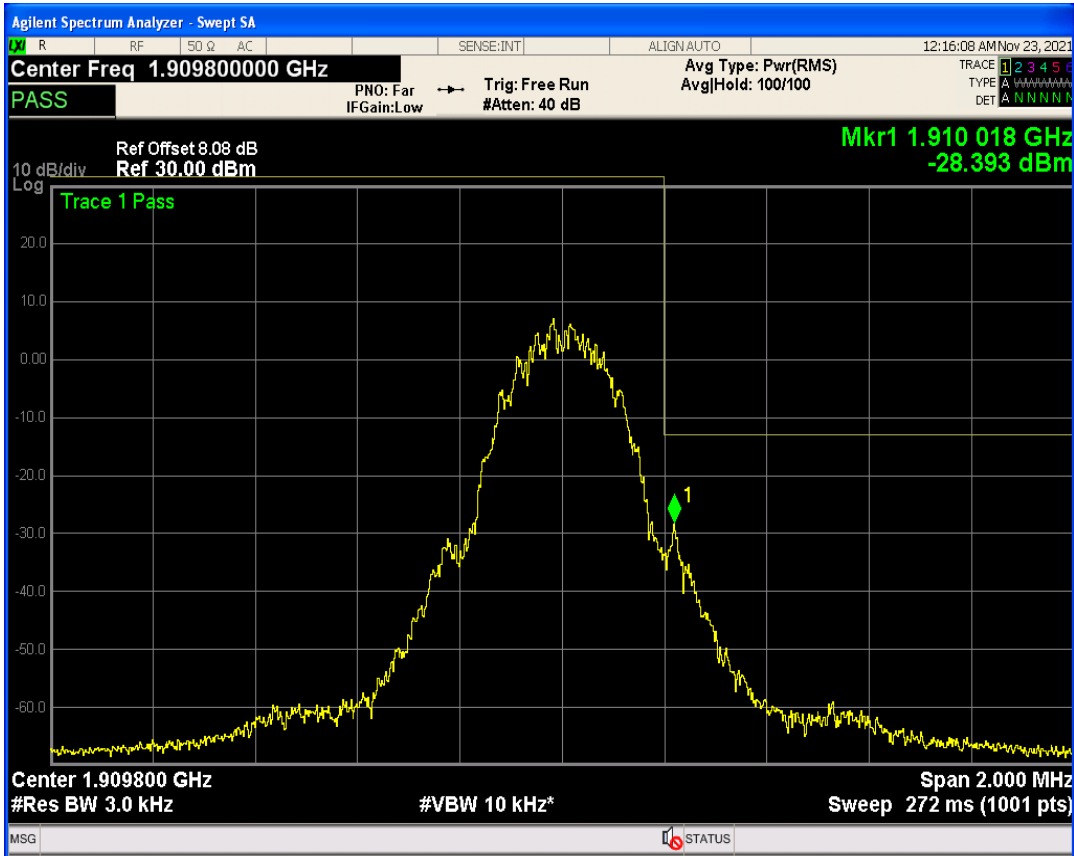
05 Band edge

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
GSM1900	512	1850.2	1849.98	-30.24	-13	PASS
GSM1900	810	1909.8	1910.02	-28.39	-13	PASS
GSM850	128	824.2	823.98	-28.88	-13	PASS
GSM850	251	848.8	849.02	-27.59	-13	PASS

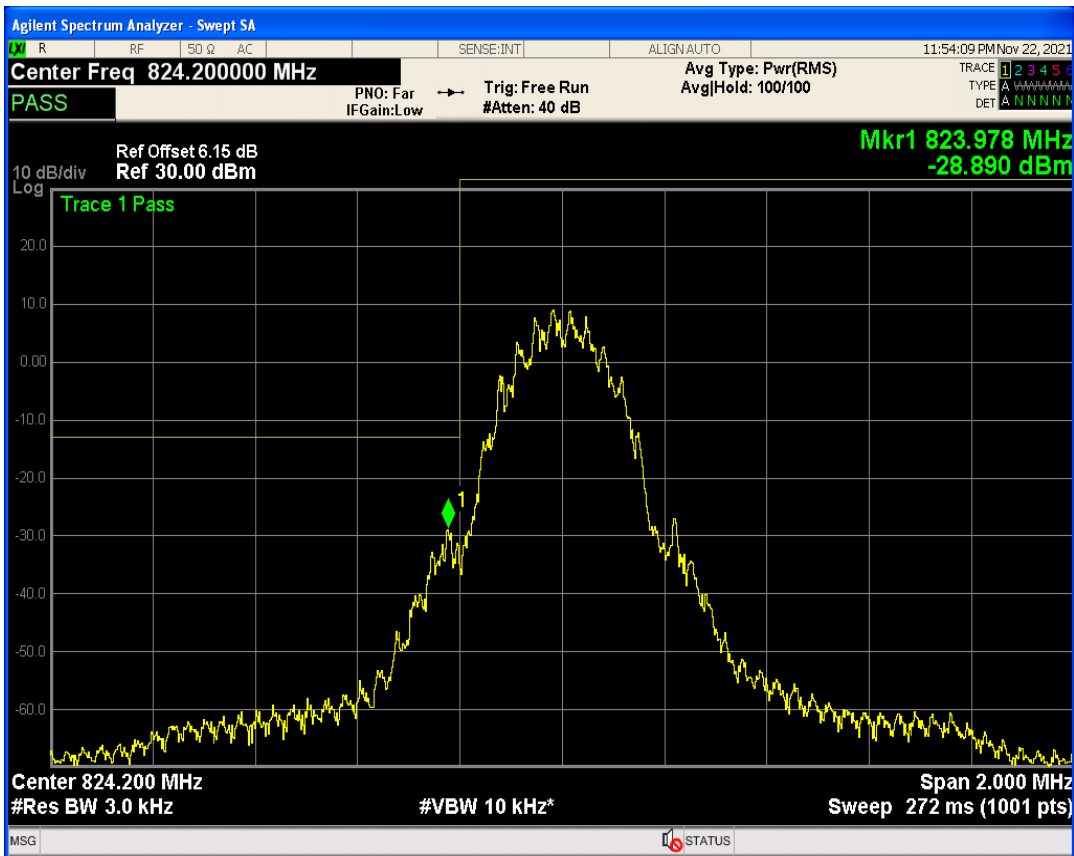
GSM1900 Channel=512



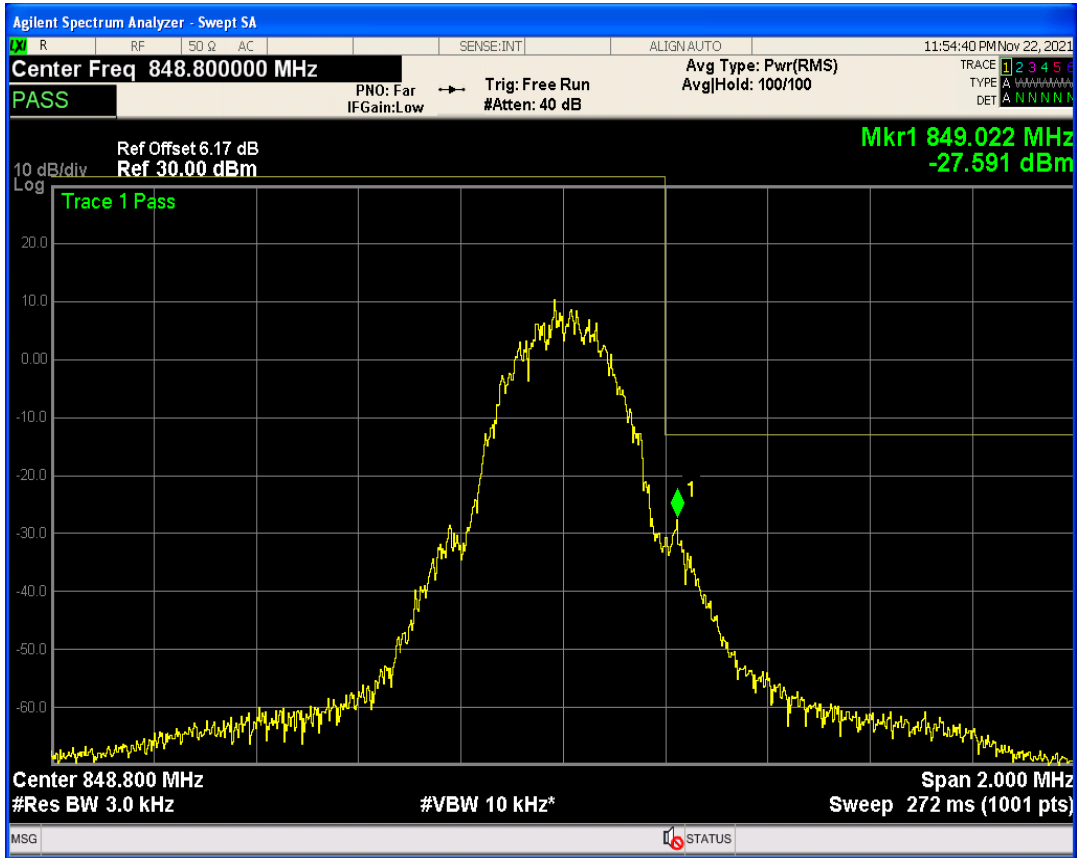
GSM1900 Channel=810



GSM850 Channel=128



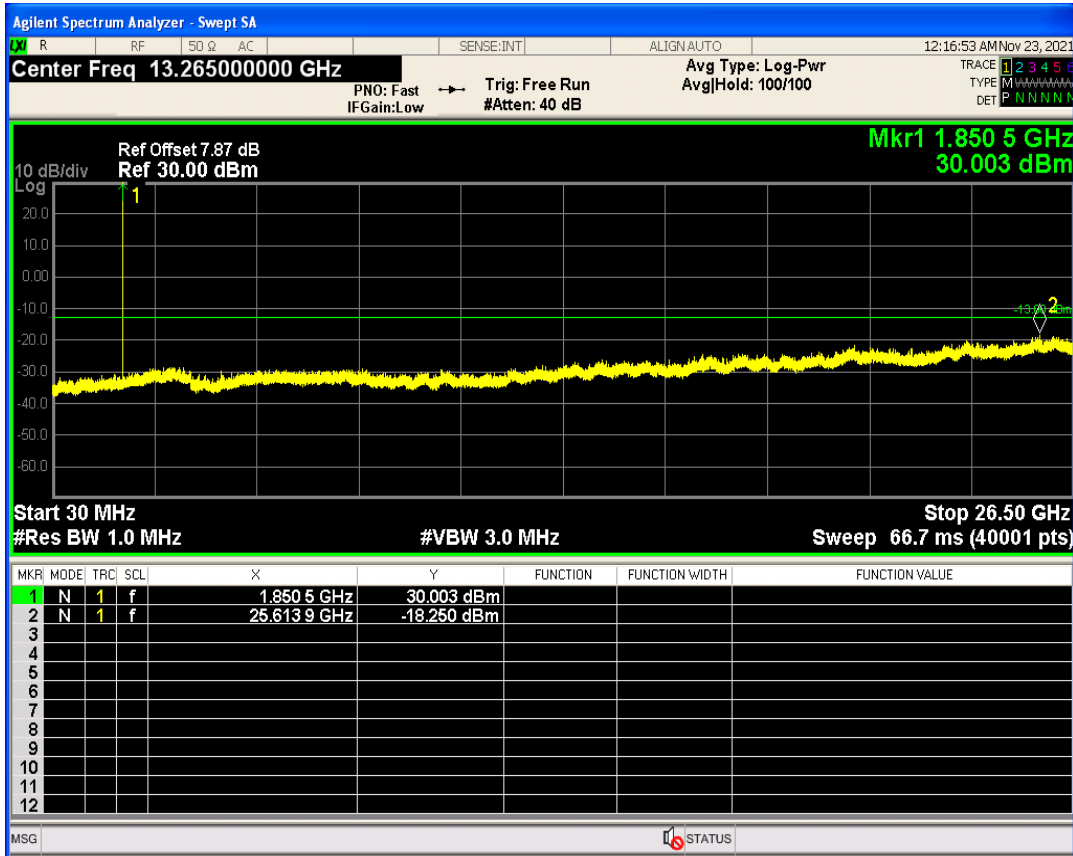
GSM850 Channel=251



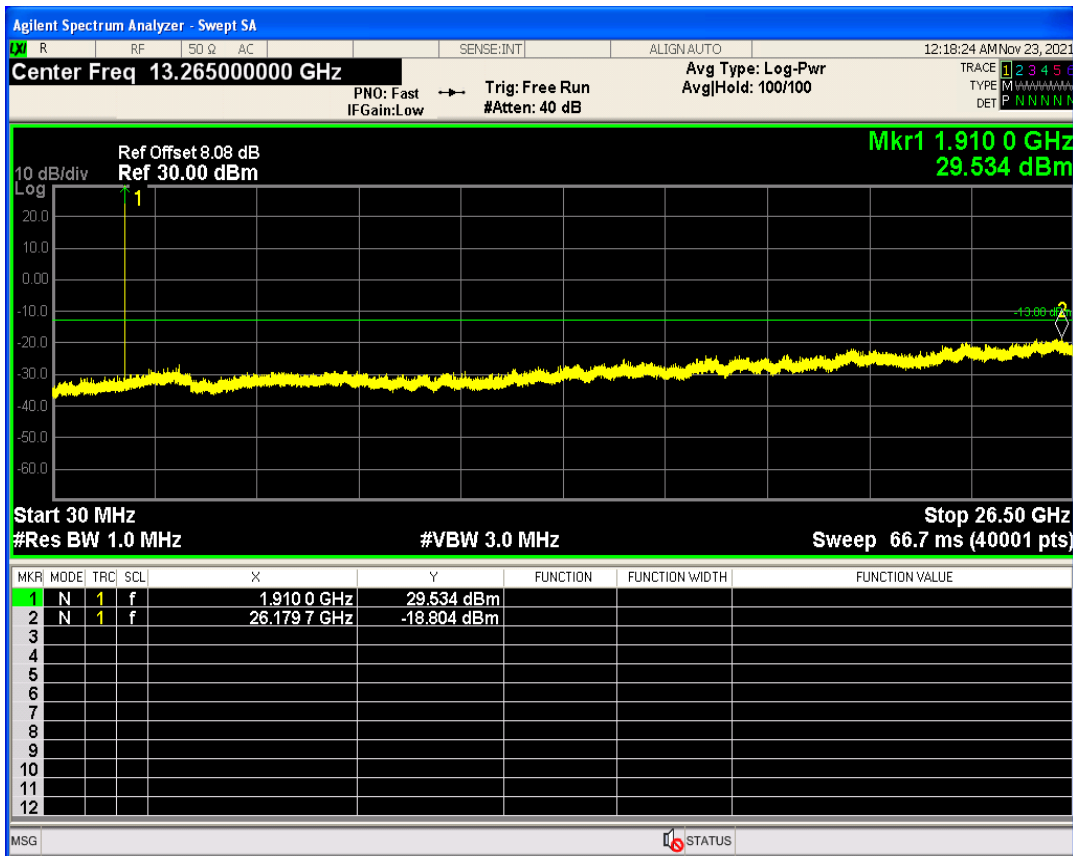
06 Out-of-band emissions

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
GSM1900	512	1850.2	25613.92	-18.24	-13	PASS
GSM1900	661	1880	25498.11	-18.09	-13	PASS
GSM1900	810	1909.8	26179.71	-18.80	-13	PASS
GSM850	128	824.2	25934.87	-19.59	-13	PASS
GSM850	189	836.4	26107.58	-19.58	-13	PASS
GSM850	251	848.8	26022.88	-20.65	-13	PASS

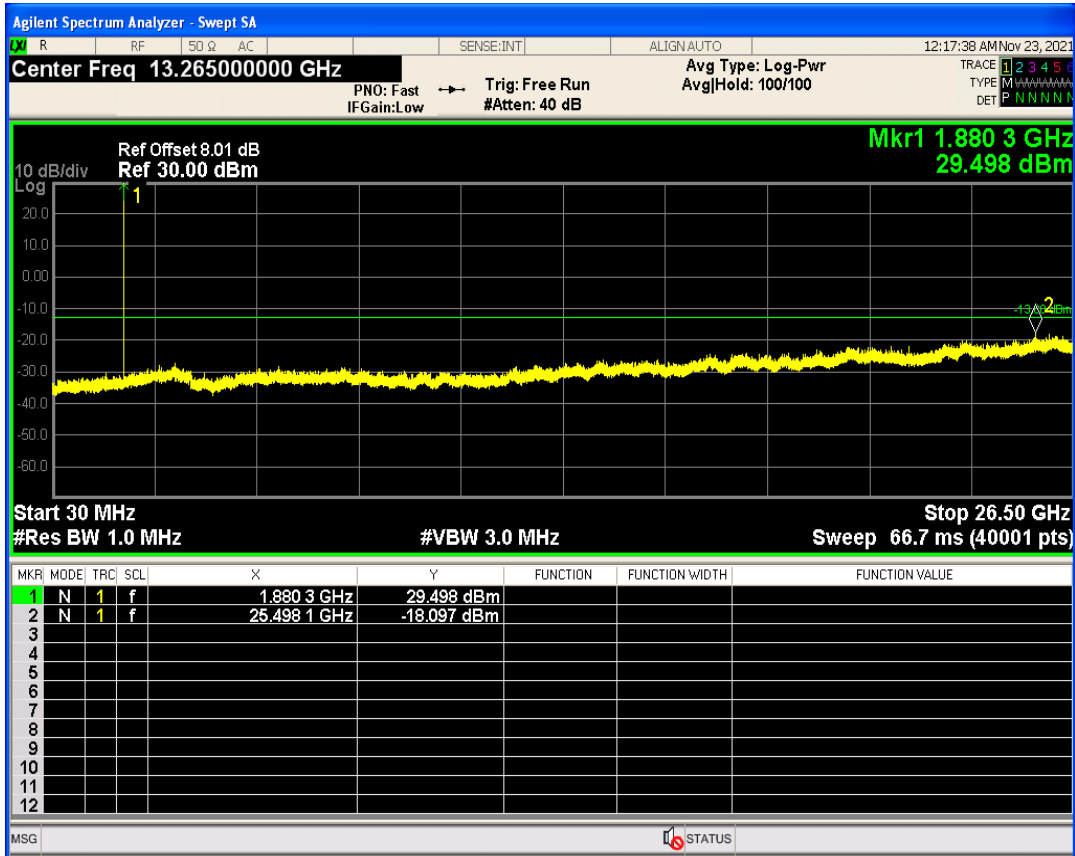
GSM1900 Channel=512



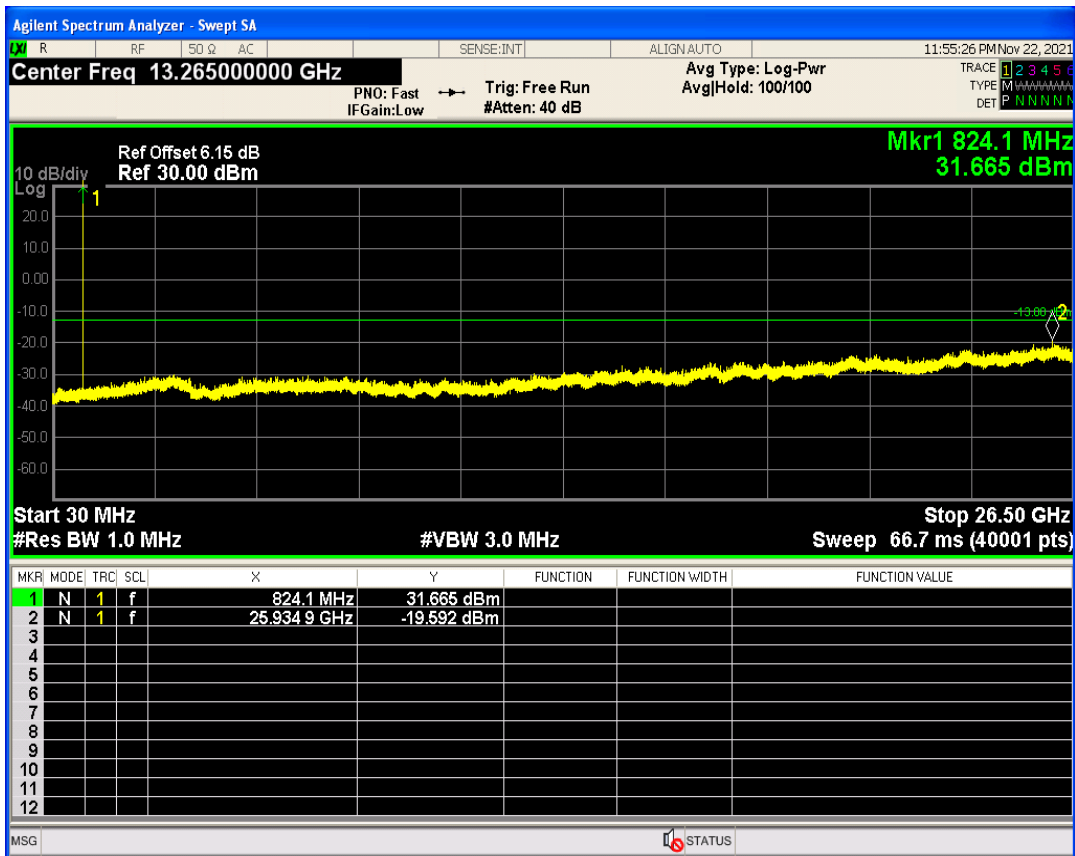
GSM1900 Channel=810



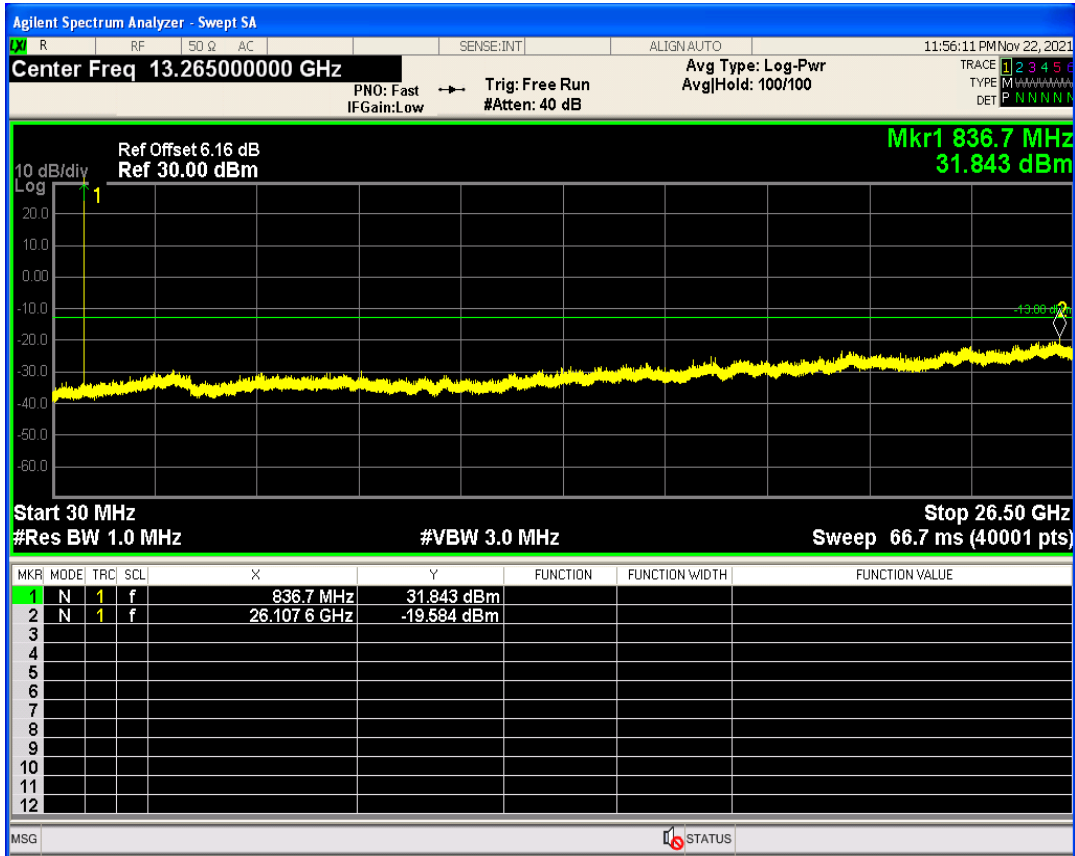
GSM1900 Channel=661



GSM850 Channel=128



GSM850 Channel=189



GSM850 Channel=251

