

01 Conducted output power

Band	Channel	Frequency (MHz)	Power (dBm)	Antenna Gain (dB)	EIRP/ERP Power (dBm)	high Limit (dBm)	Verdict
EGPRS1900 1 Slot	512	1850.2	25.97	0	25.97	37	PASS
EGPRS1900 1 Slot	661	1880	25.84	0	25.84	37	PASS
EGPRS1900 1 Slot	810	1909.8	25.15	0	25.15	37	PASS
EGPRS1900 2 Slot	512	1850.2	24.44	0	24.44	37	PASS
EGPRS1900 2 Slot	661	1880	24.03	0	24.03	37	PASS
EGPRS1900 2 Slot	810	1909.8	23.84	0	23.84	37	PASS
EGPRS1900 3 Slot	512	1850.2	22.41	0	22.41	37	PASS
EGPRS1900 3 Slot	661	1880	22.36	0	22.36	37	PASS
EGPRS1900 3 Slot	810	1909.8	22.45	0	22.45	37	PASS
EGPRS1900 4 Slot	512	1850.2	20.23	0	20.23	37	PASS
EGPRS1900 4 Slot	661	1880	20.44	0	20.44	37	PASS
EGPRS1900 4 Slot	810	1909.8	20.05	0	20.05	37	PASS
EGPRS850 1 Slot	128	824.2	25.46	0	23.31	37	PASS
EGPRS850 1 Slot	189	836.4	25.48	0	23.33	37	PASS
EGPRS850 1 Slot	251	848.8	24.96	0	22.81	37	PASS
EGPRS850 2 Slot	128	824.2	23.83	0	21.68	37	PASS
EGPRS850 2 Slot	189	836.4	24.05	0	21.90	37	PASS
EGPRS850 2 Slot	251	848.8	23.84	0	21.69	37	PASS
EGPRS850 3 Slot	128	824.2	21.59	0	19.44	37	PASS
EGPRS850 3 Slot	189	836.4	22.14	0	19.99	37	PASS
EGPRS850 3 Slot	251	848.8	21.71	0	19.56	37	PASS
EGPRS850 4 Slot	128	824.2	19.34	0	17.19	37	PASS
EGPRS850 4 Slot	189	836.4	19.36	0	17.21	37	PASS
EGPRS850 4 Slot	251	848.8	19.10	0	16.95	37	PASS
GPRS1900 1 Slot	512	1850.2	29.22	0	29.22	37	PASS
GPRS1900 1 Slot	661	1880	29.16	0	29.16	37	PASS
GPRS1900 1 Slot	810	1909.8	28.66	0	28.66	37	PASS
GPRS1900 2 Slot	512	1850.2	26.95	0	26.95	37	PASS

GPRS1900 2 Slot	661	1880	26.70	0	26.70	37	PASS
GPRS1900 2 Slot	810	1909.8	26.10	0	26.10	37	PASS
GPRS1900 3 Slot	512	1850.2	25.48	0	25.48	37	PASS
GPRS1900 3 Slot	661	1880	25.08	0	25.08	37	PASS
GPRS1900 3 Slot	810	1909.8	24.45	0	24.45	37	PASS
GPRS1900 4 Slot	512	1850.2	23.44	0	23.44	37	PASS
GPRS1900 4 Slot	661	1880	23.04	0	23.04	37	PASS
GPRS1900 4 Slot	810	1909.8	22.47	0	22.47	37	PASS
GPRS850 1 Slot	128	824.2	32.31	0	30.16	37	PASS
GPRS850 1 Slot	189	836.4	32.12	0	29.97	37	PASS
GPRS850 1 Slot	251	848.8	32.30	0	30.15	37	PASS
GPRS850 2 Slot	128	824.2	29.84	0	27.69	37	PASS
GPRS850 2 Slot	189	836.4	29.74	0	27.59	37	PASS
GPRS850 2 Slot	251	848.8	30.02	0	27.87	37	PASS
GPRS850 3 Slot	128	824.2	27.97	0	25.82	37	PASS
GPRS850 3 Slot	189	836.4	27.91	0	25.76	37	PASS
GPRS850 3 Slot	251	848.8	28.17	0	26.02	37	PASS
GPRS850 4 Slot	128	824.2	25.89	0	23.74	37	PASS
GPRS850 4 Slot	189	836.4	25.83	0	23.68	37	PASS
GPRS850 4 Slot	251	848.8	26.08	0	23.93	37	PASS
GSM1900	512	1850.2	29.28	0	29.28	37	PASS
GSM1900	661	1880	29.20	0	29.20	37	PASS
GSM1900	810	1909.8	28.70	0	28.70	37	PASS
GSM850	128	824.2	32.46	0	30.31	37	PASS
GSM850	189	836.4	32.24	0	30.09	37	PASS
GSM850	251	848.8	32.39	0	30.24	37	PASS

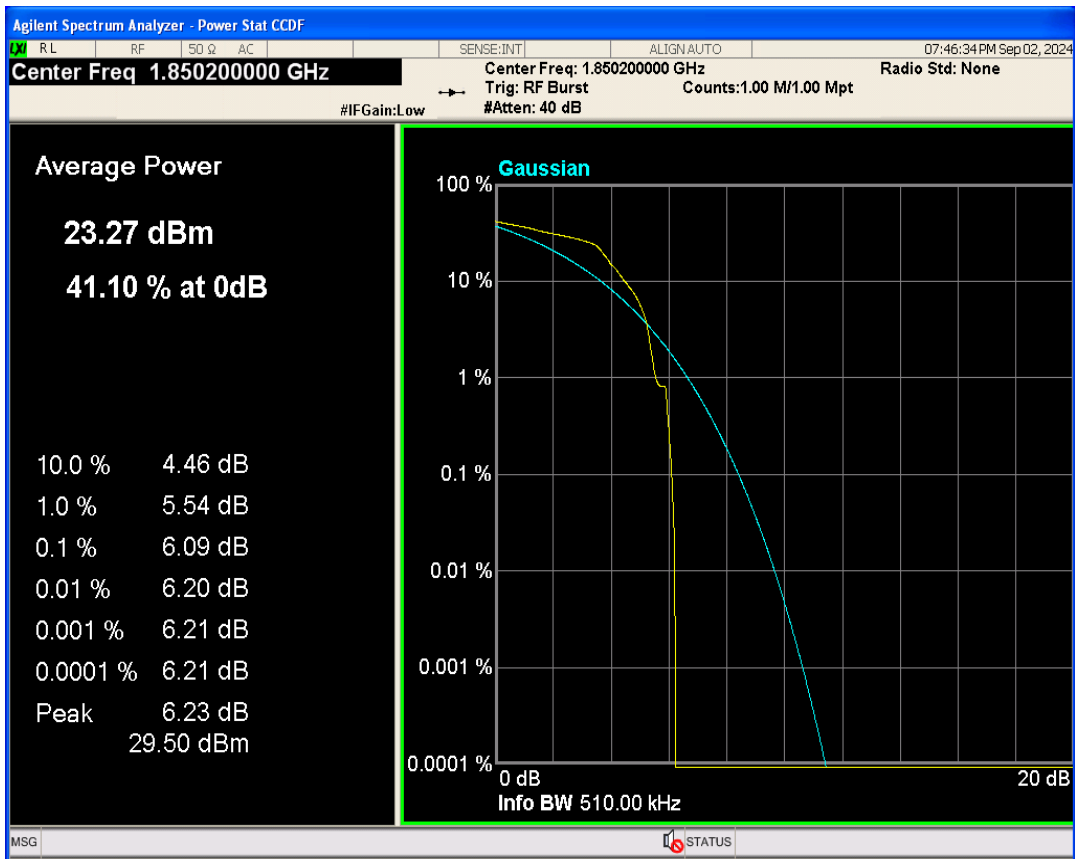
14 Frequency stability

Band	Channel	Frequency (MHz)	Result(Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
EGPRS1900	661	1880	12.46234	0.01	-2.500	2.5	PASS
EGPRS850	189	836.4	8.071462	0.01	-2.500	2.5	PASS

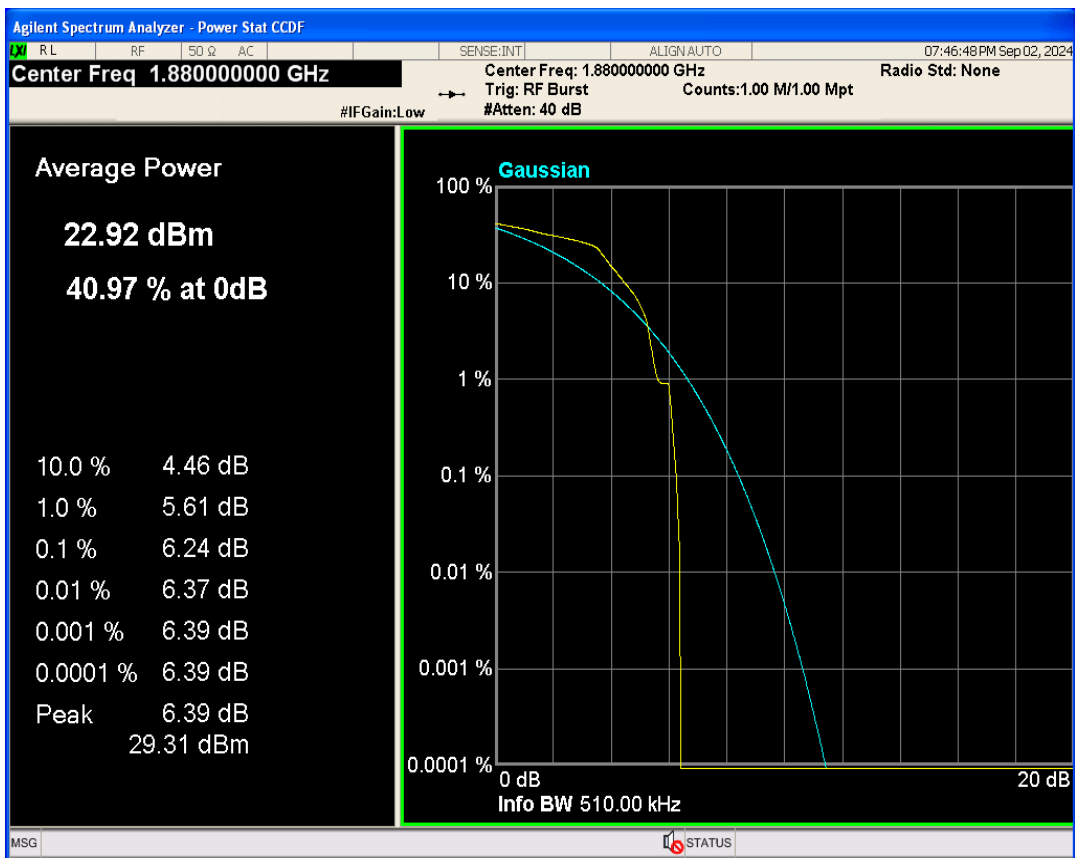
15 Peak-to-Average Ratio

Band	Channel	Frequency (MHz)	Result (dB)	high Limit (dB)	Verdict
EGPRS1900	512	1850.2	6.09	13	PASS
EGPRS1900	661	1880	6.24	13	PASS
EGPRS1900	810	1909.8	5.92	13	PASS
EGPRS850	128	824.2	9.73	13	PASS
EGPRS850	189	836.4	9.45	13	PASS
EGPRS850	251	848.8	9.73	13	PASS

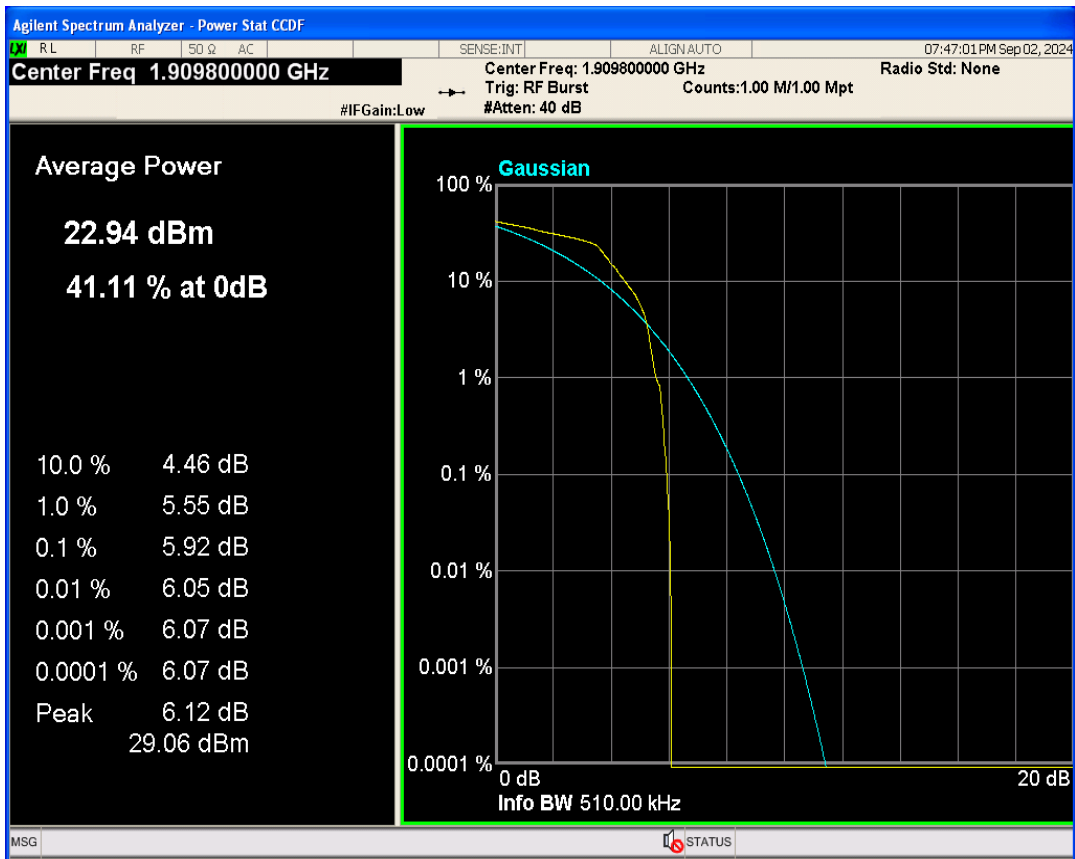
EGPRS1900 Channel=512



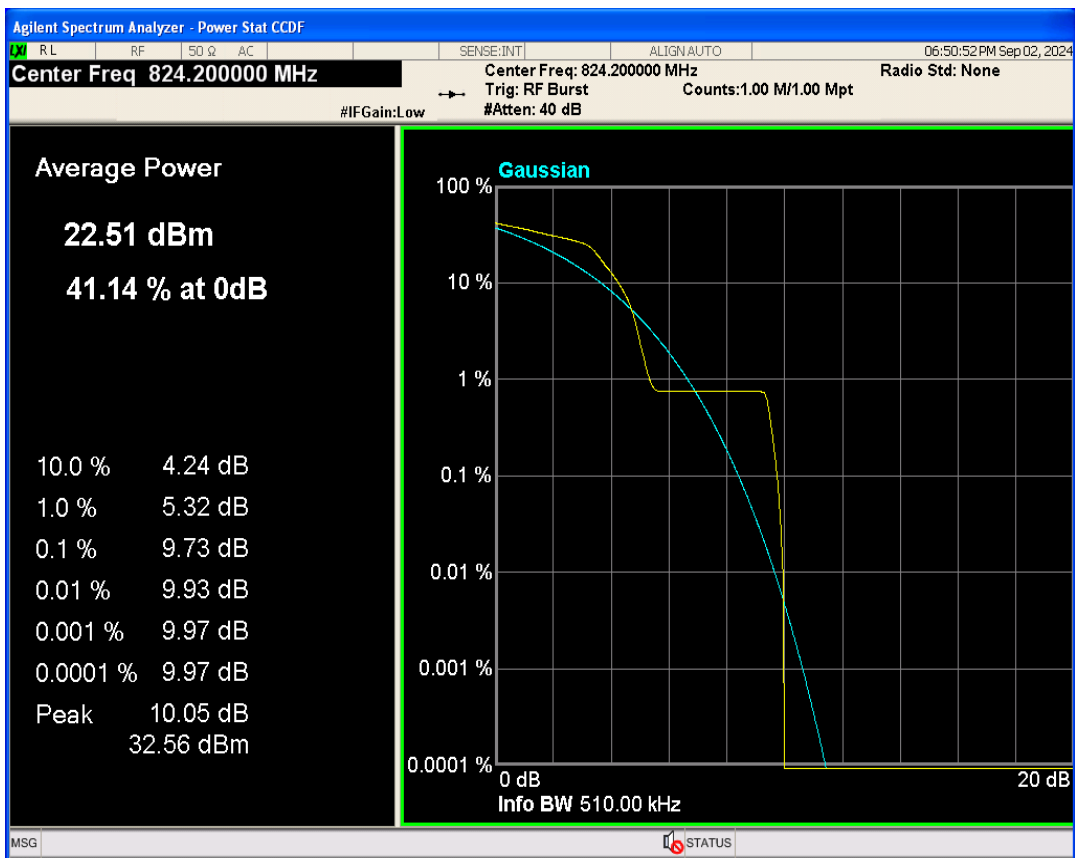
EGPRS1900 Channel=661



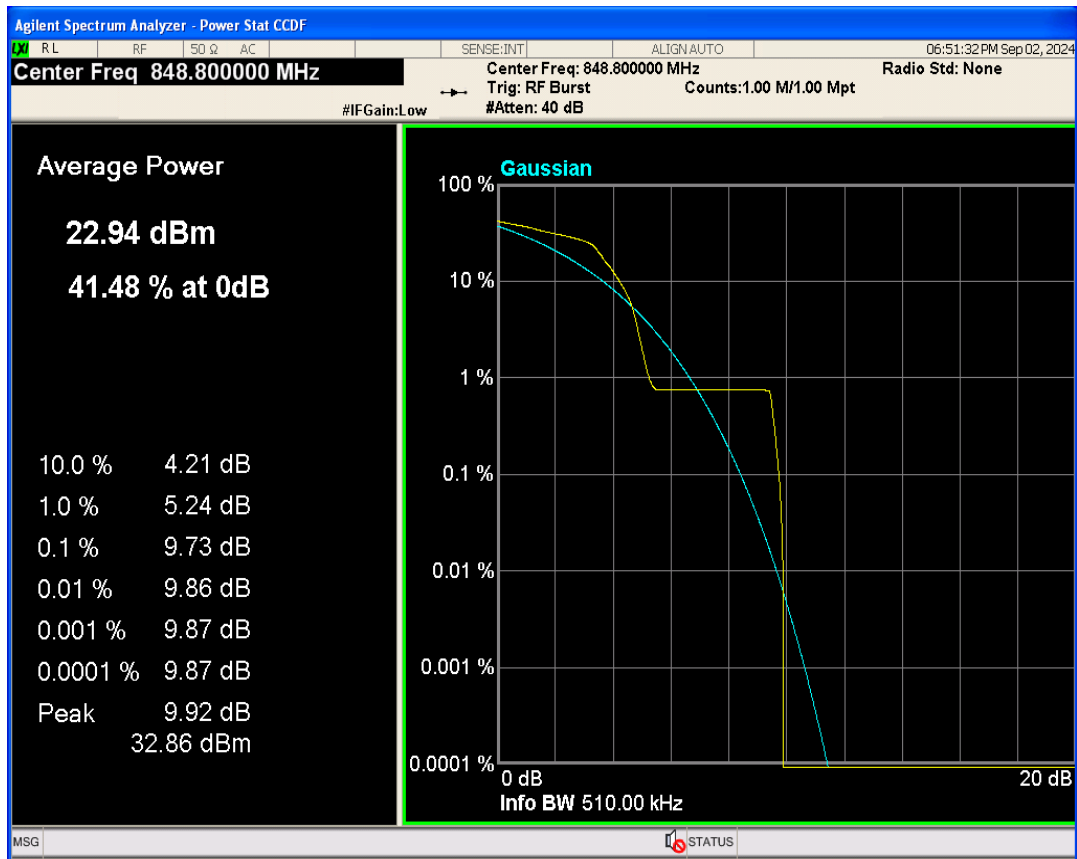
EGPRS1900 Channel=810



EGPRS850 Channel=128



EGPRS850 Channel=251



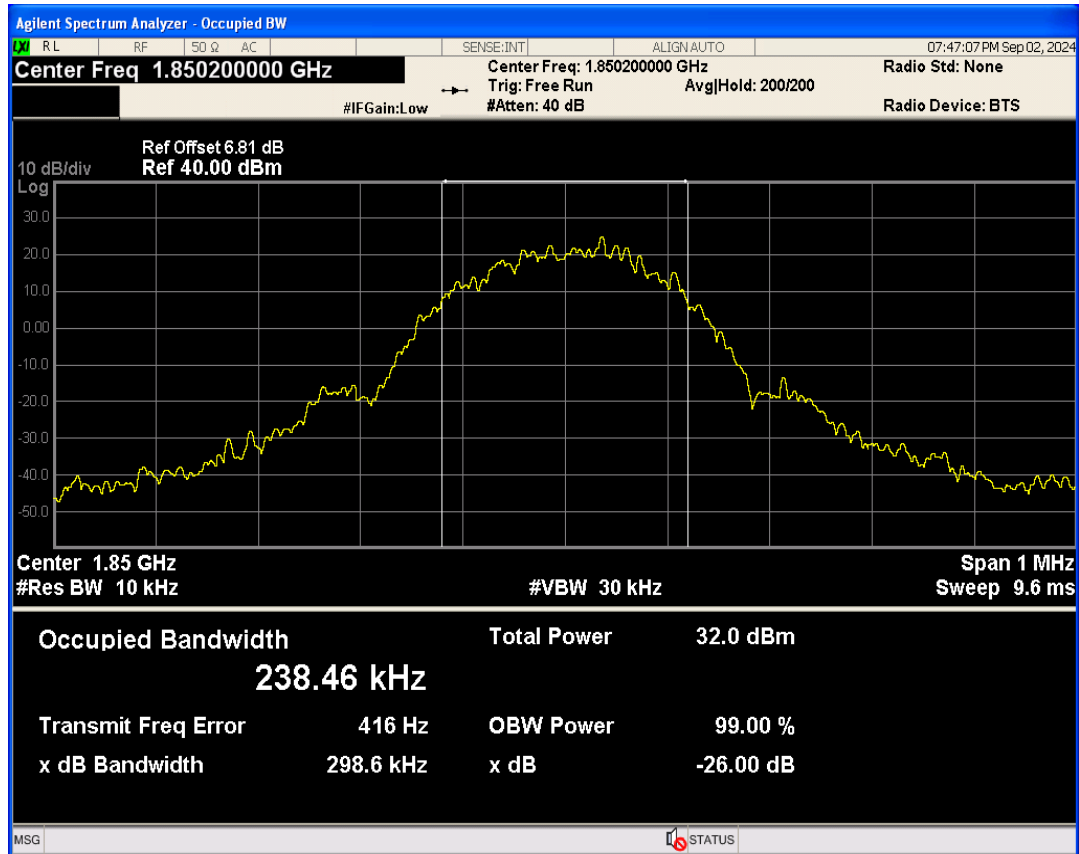
EGPRS850 Channel=189



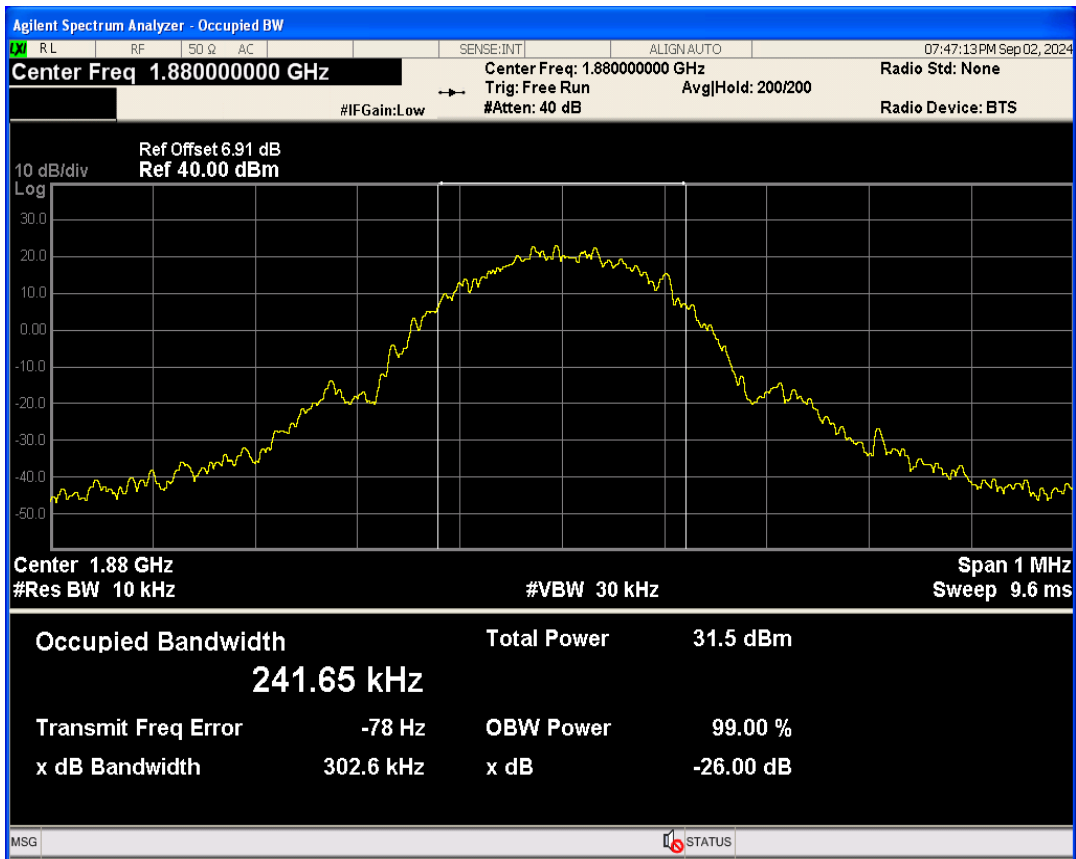
16 Occupied bandwidth

Band	Channel	Frequency (MHz)	99% OBW (kHz)	-26dB EBW (kHz)	Verdict
EGPRS1900	512	1850.2	238.461	298.599	PASS
EGPRS1900	661	1880	241.651	302.569	PASS
EGPRS1900	810	1909.8	247.884	308.257	PASS
EGPRS850	128	824.2	236.492	294.433	PASS
EGPRS850	189	836.4	245.665	297.348	PASS
EGPRS850	251	848.8	239.425	299.347	PASS

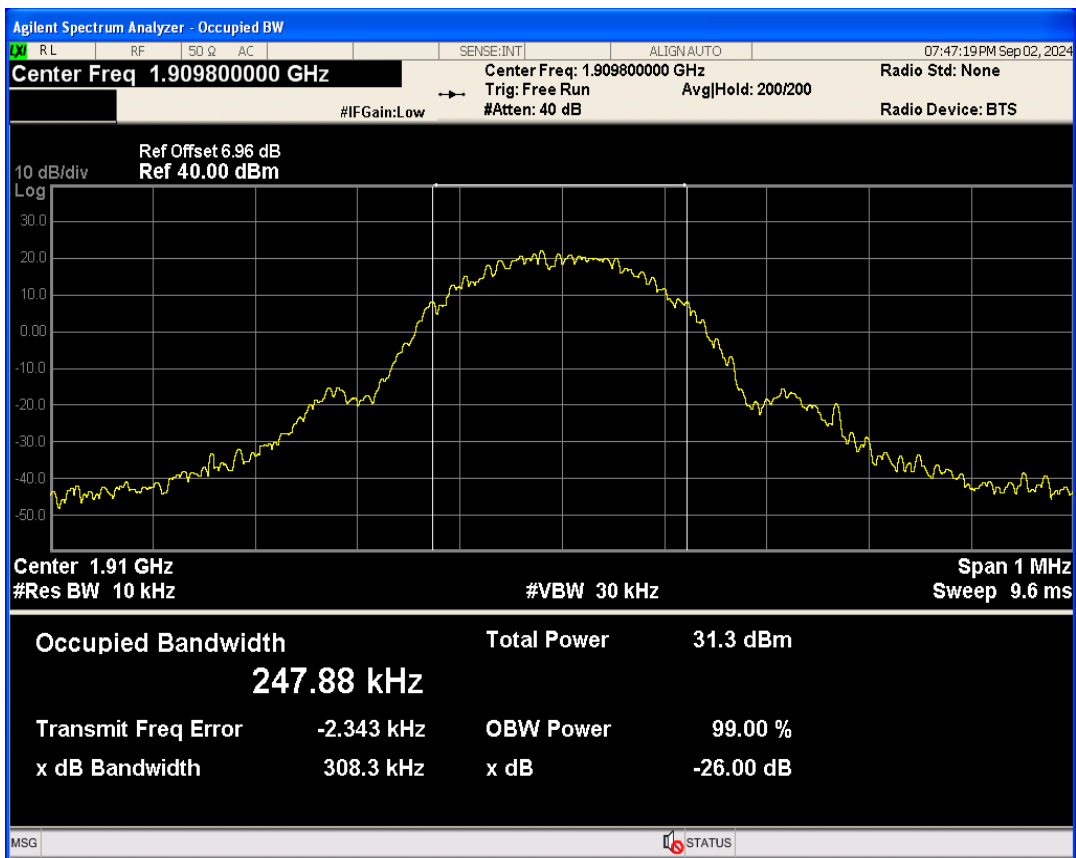
EGPRS1900 Channel=512



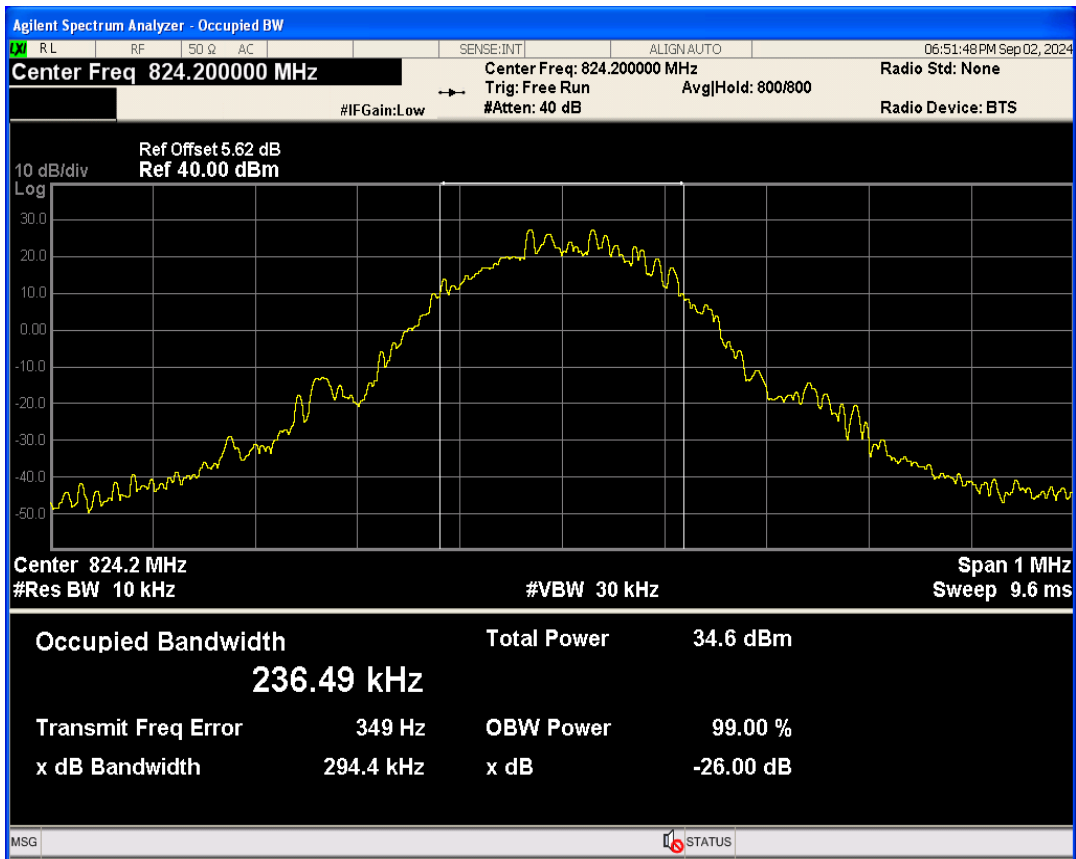
EGPRS1900 Channel=661



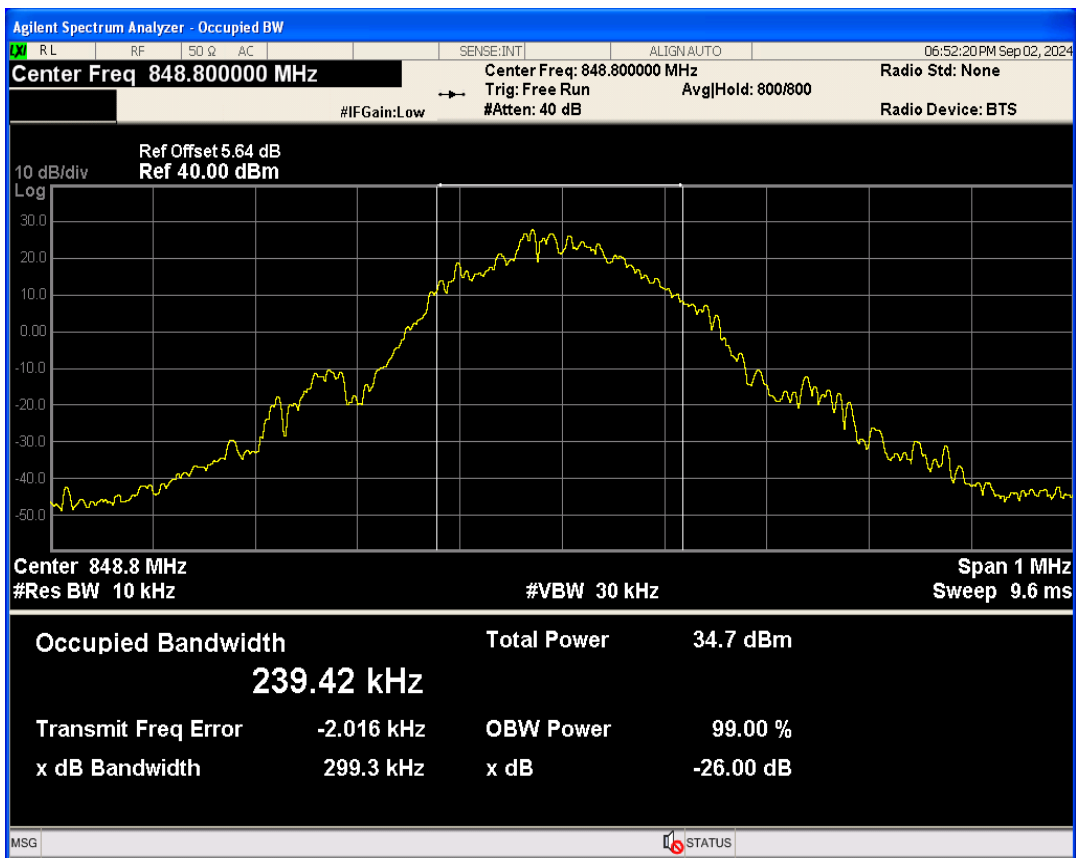
EGPRS1900 Channel=810



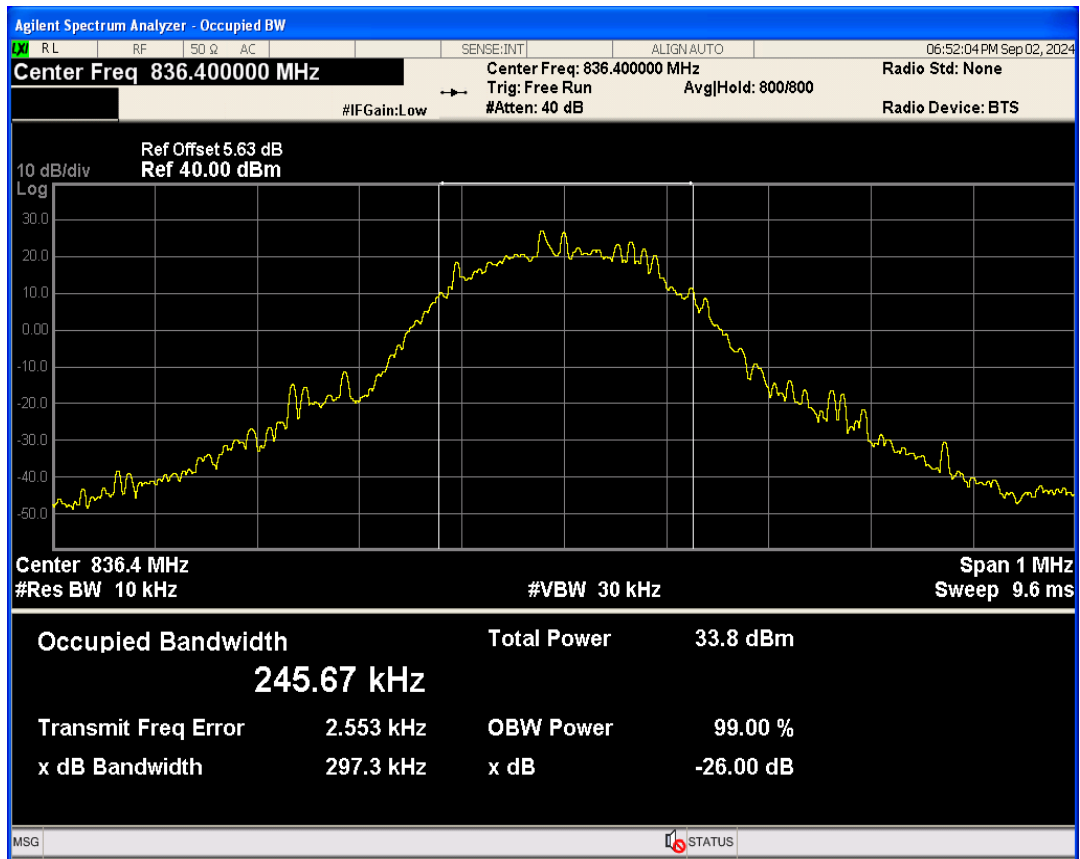
EGPRS850 Channel=128



EGPRS850 Channel=251



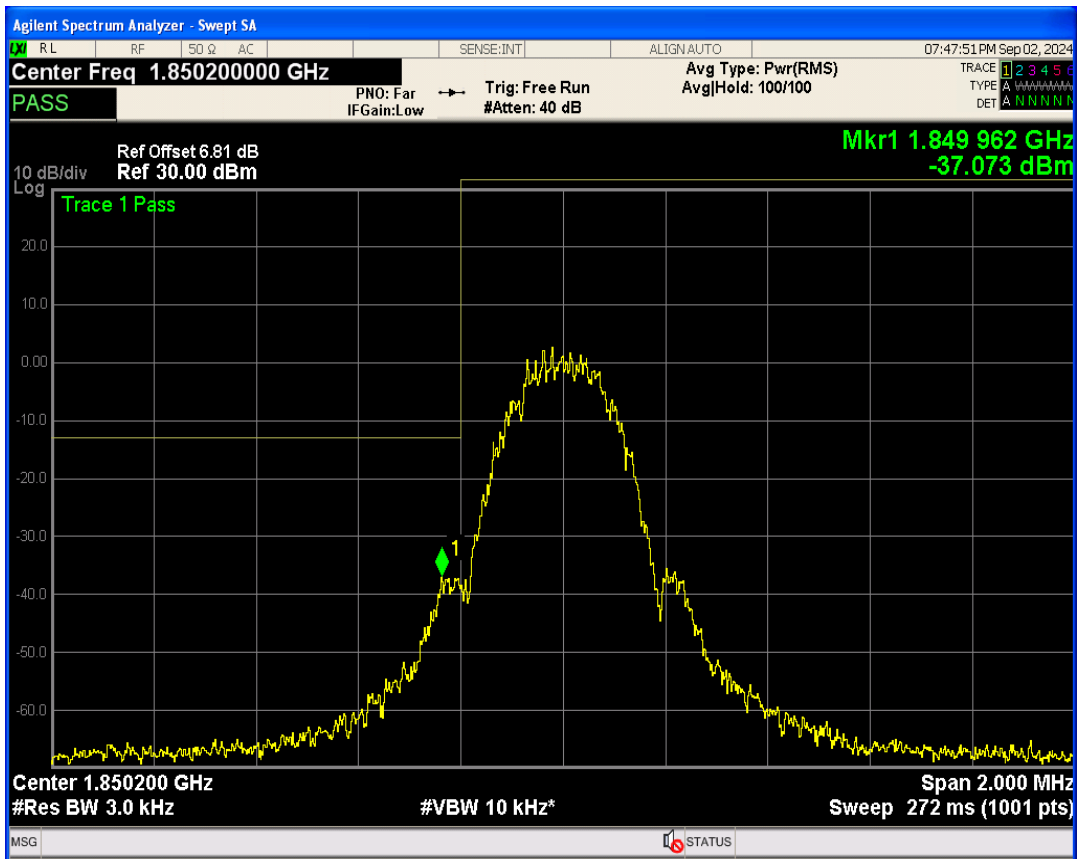
EGPRS850 Channel=189



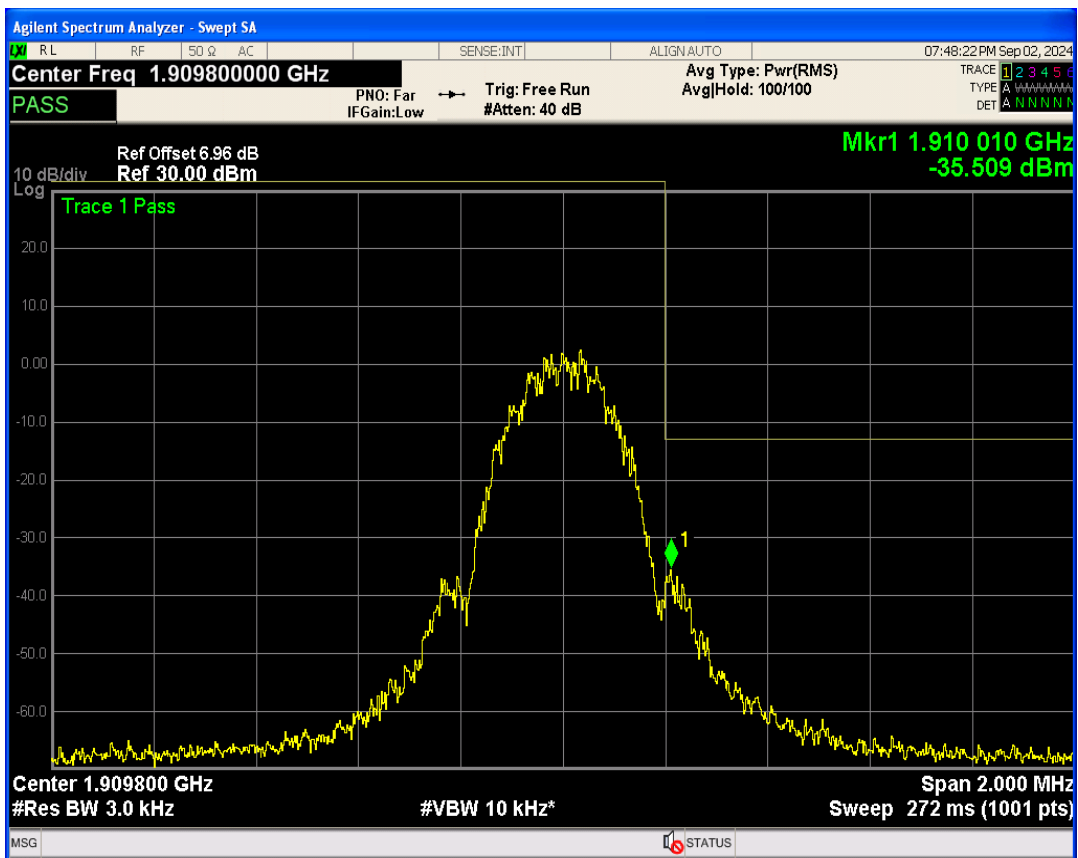
17 Band edge

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
EGPRS1900	512	1850.2	1849.96	-37.07	-13	PASS
EGPRS1900	810	1909.8	1910.01	-35.50	-13	PASS
EGPRS850	128	824.2	823.99	-36.49	-13	PASS
EGPRS850	251	848.8	849.01	-36.62	-13	PASS

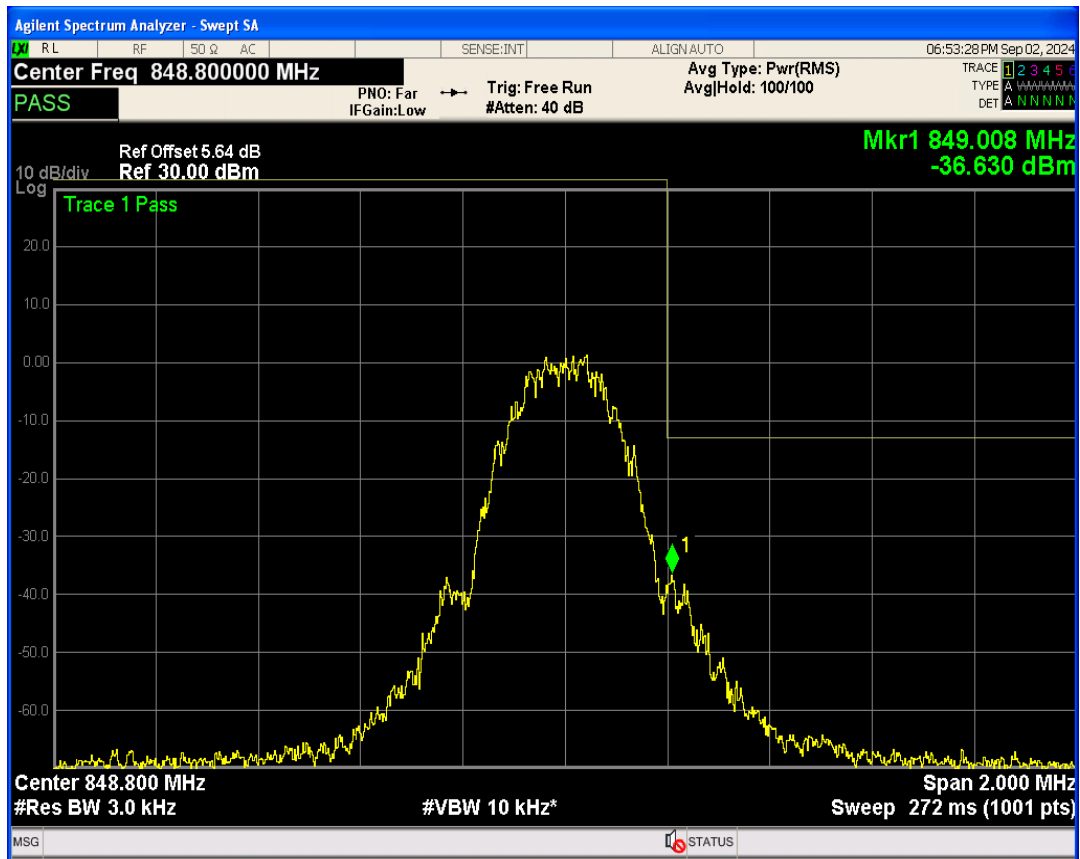
EGPRS1900 Channel=512



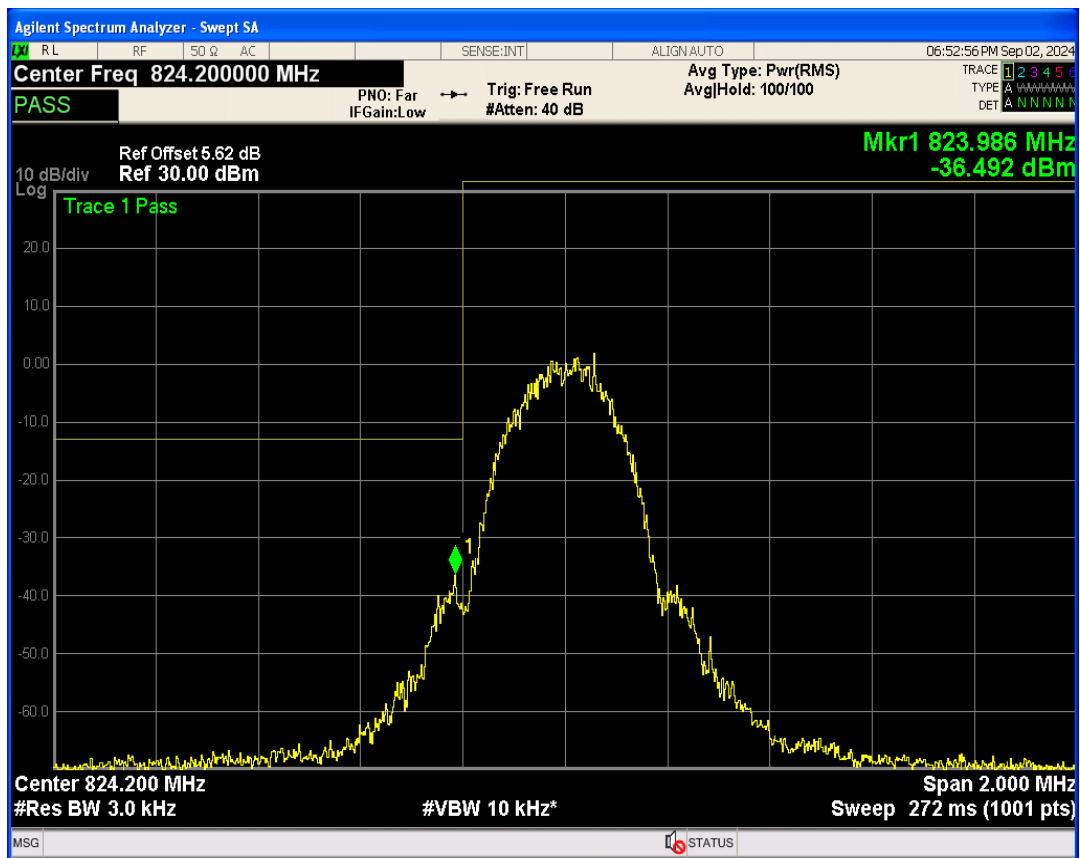
EGPRS1900 Channel=810



EGPRS850 Channel=251



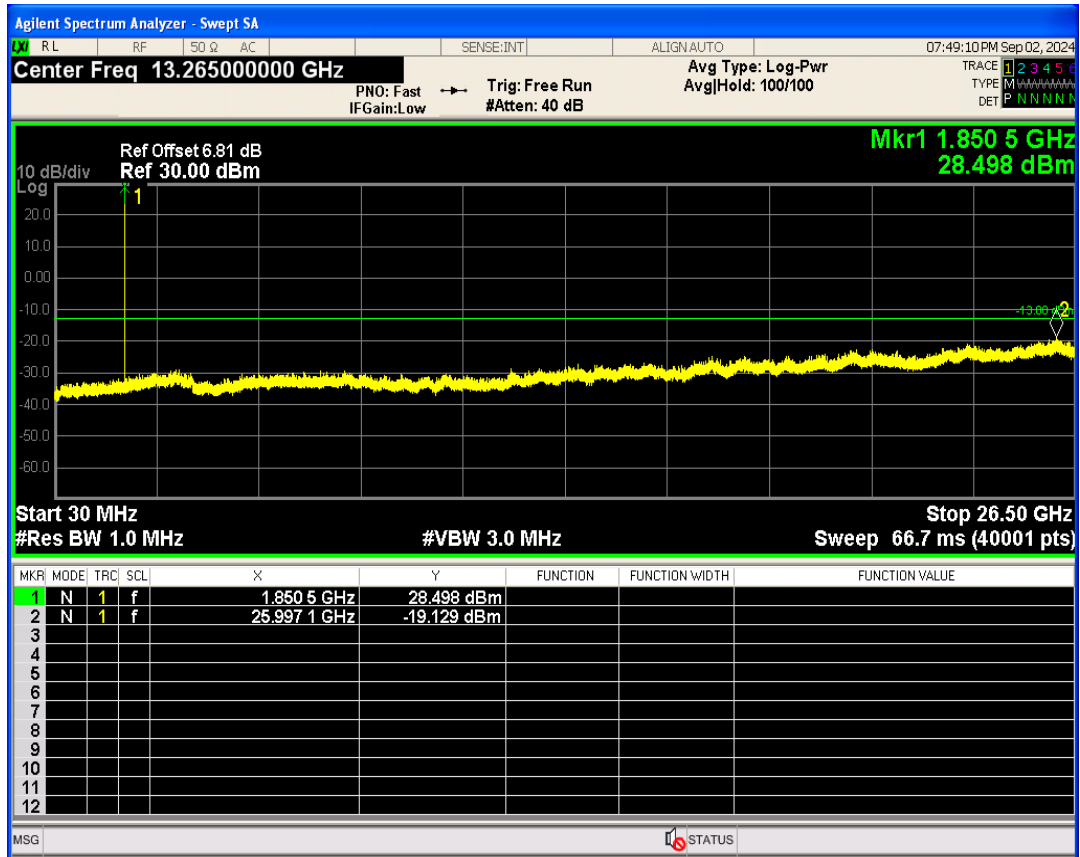
EGPRS850 Channel=128



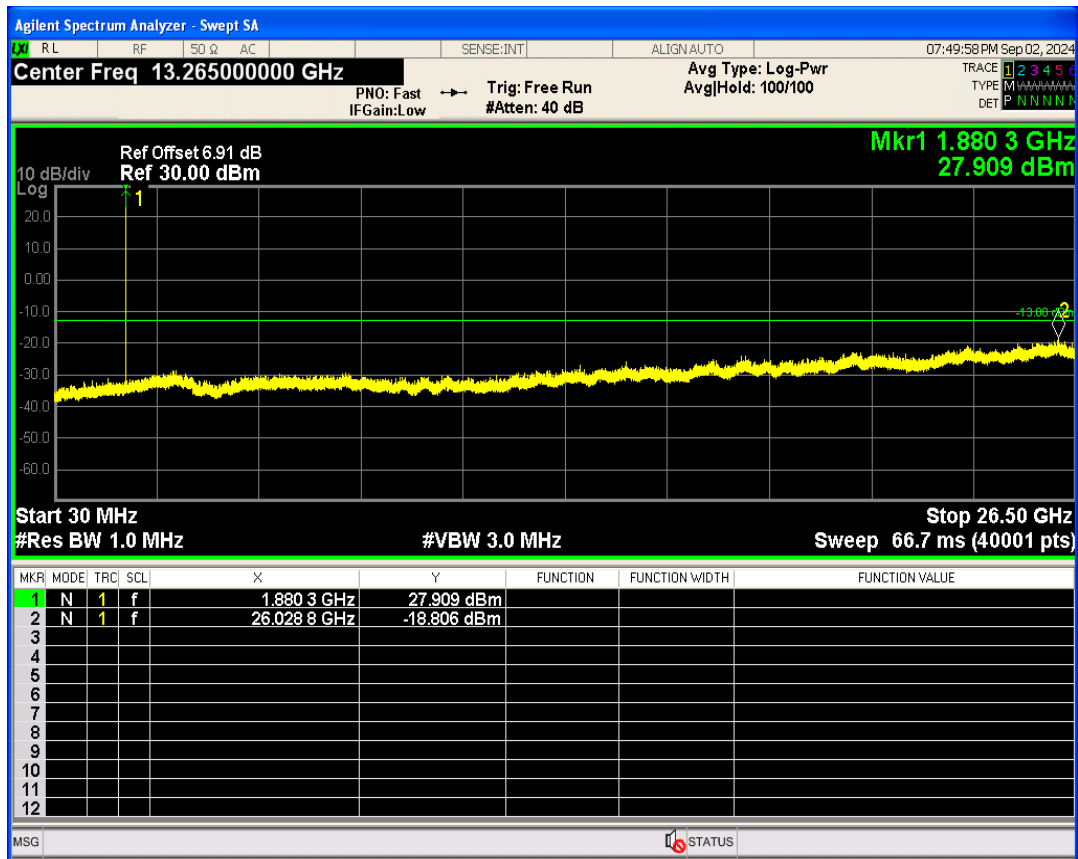
18 Out-of-band emissions

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
EGPRS1900	512	1850.2	25997.07	-19.12	-13	PASS
EGPRS1900	661	1880	26028.83	-18.80	-13	PASS
EGPRS1900	810	1909.8	25931.56	-19.04	-13	PASS
EGPRS850	128	824.2	25949.42	-20.39	-13	PASS
EGPRS850	189	836.4	25566.93	-20.71	-13	PASS
EGPRS850	251	848.8	25965.97	-20.96	-13	PASS

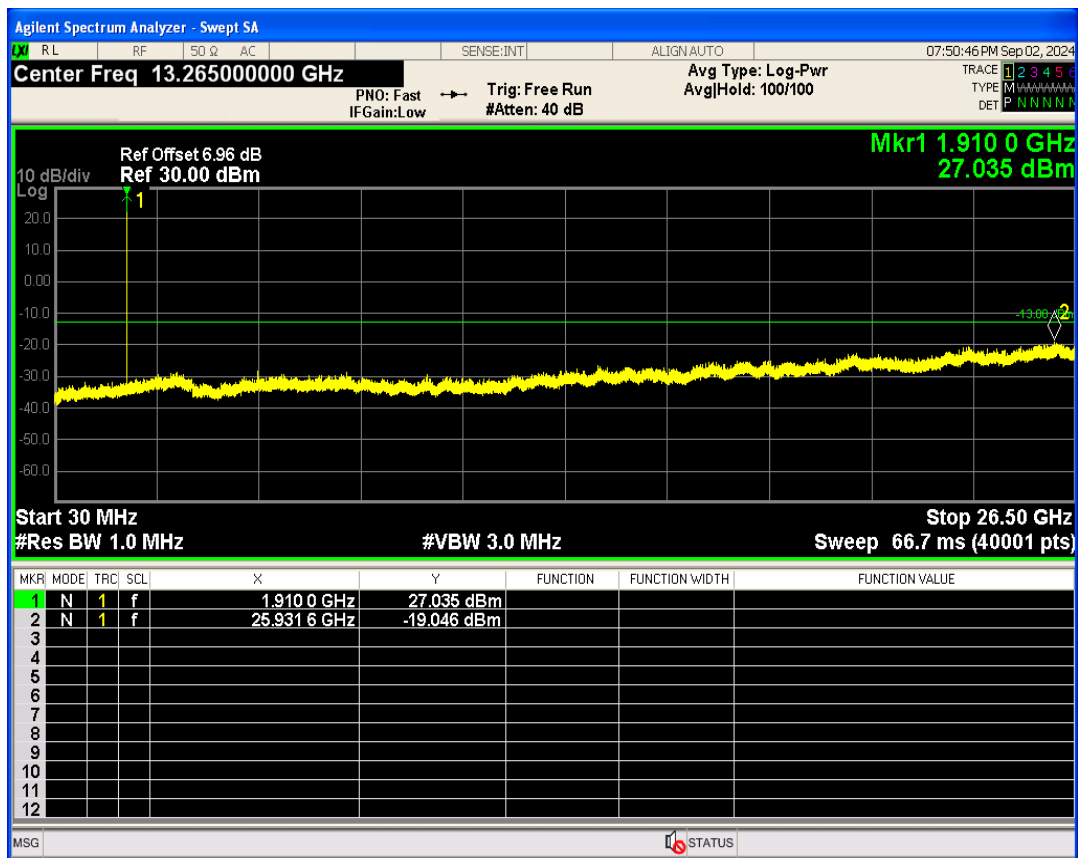
EGPRS1900 Channel=512



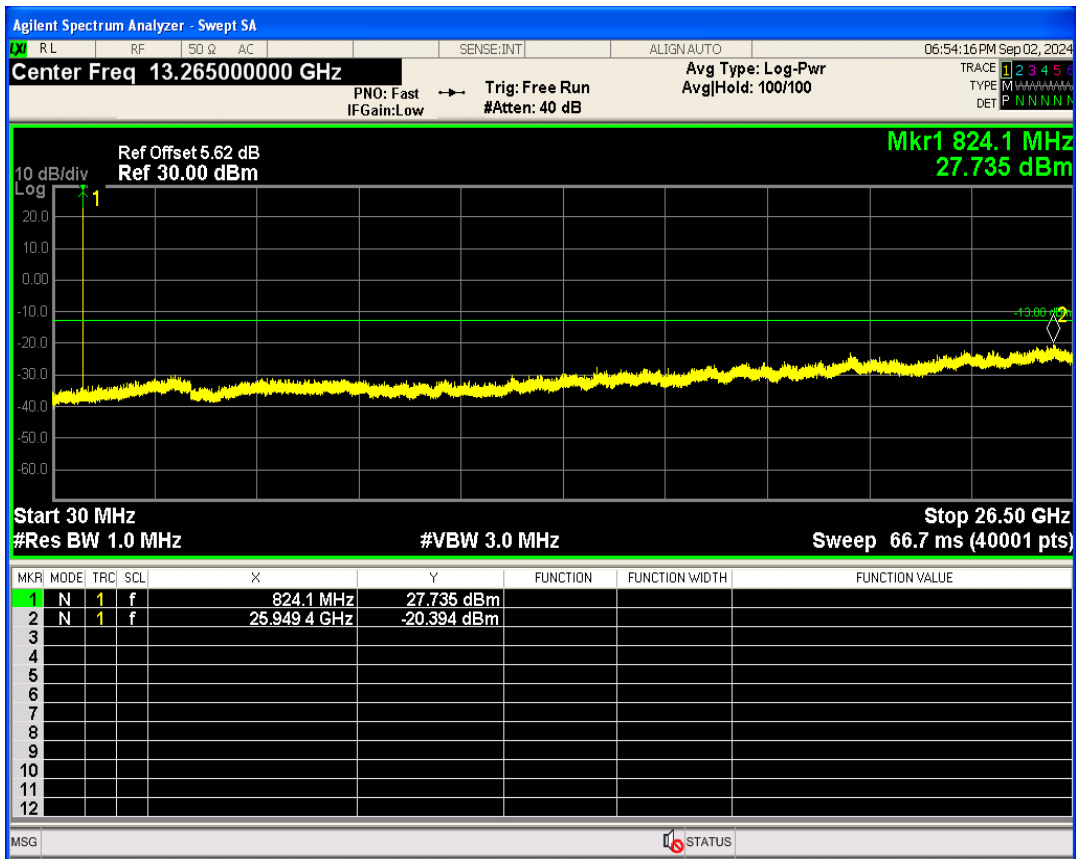
EGPRS1900 Channel=661



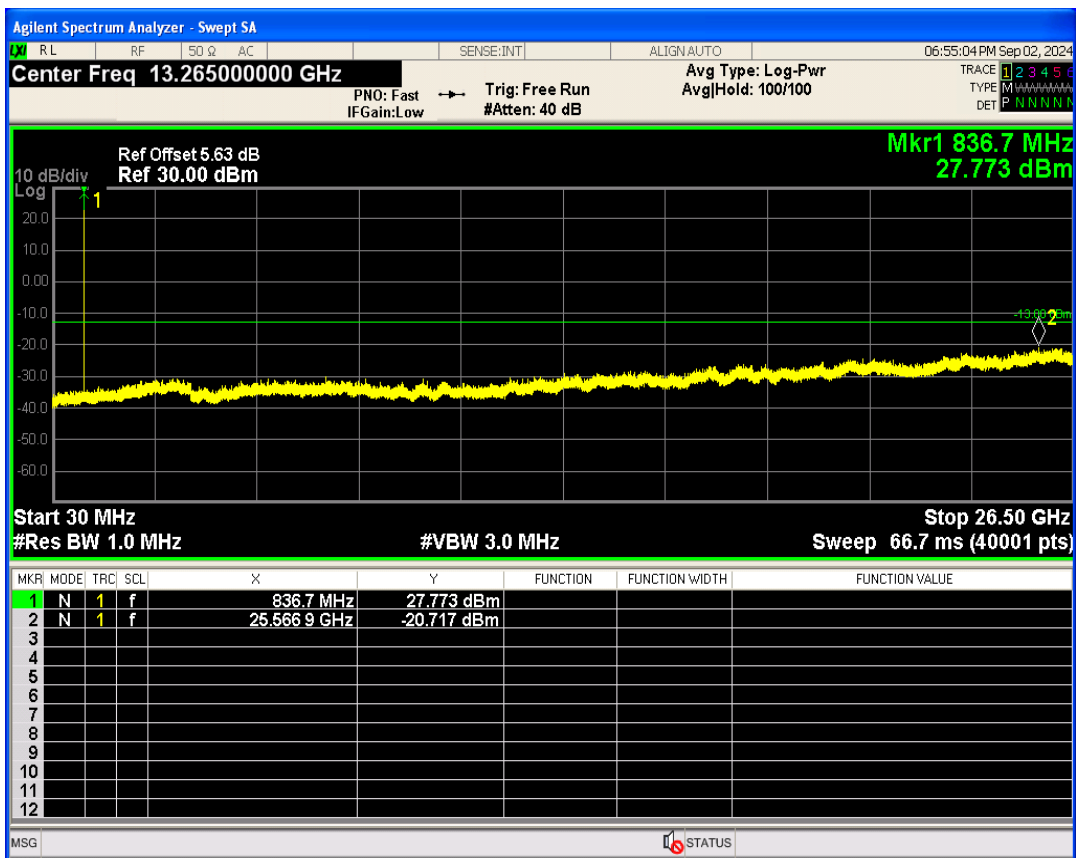
EGPRS1900 Channel=810



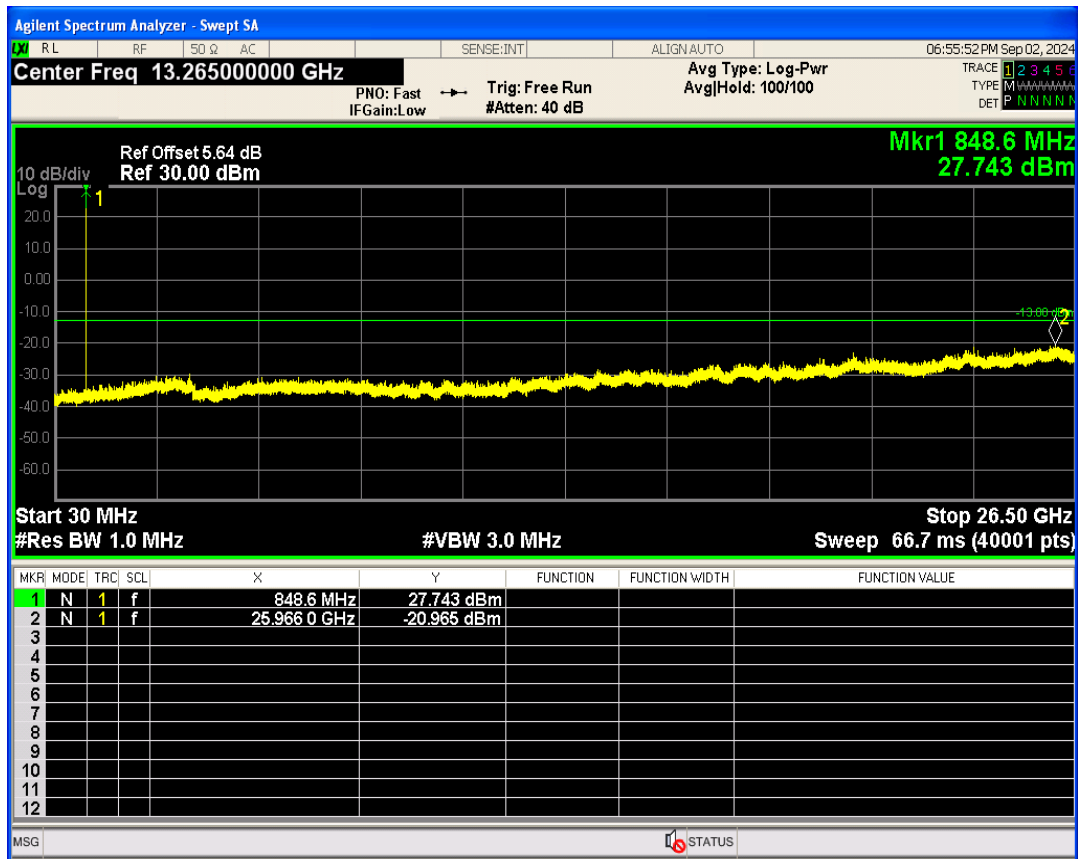
EGPRS850 Channel=128



EGPRS850 Channel=189



EGPRS850 Channel=251



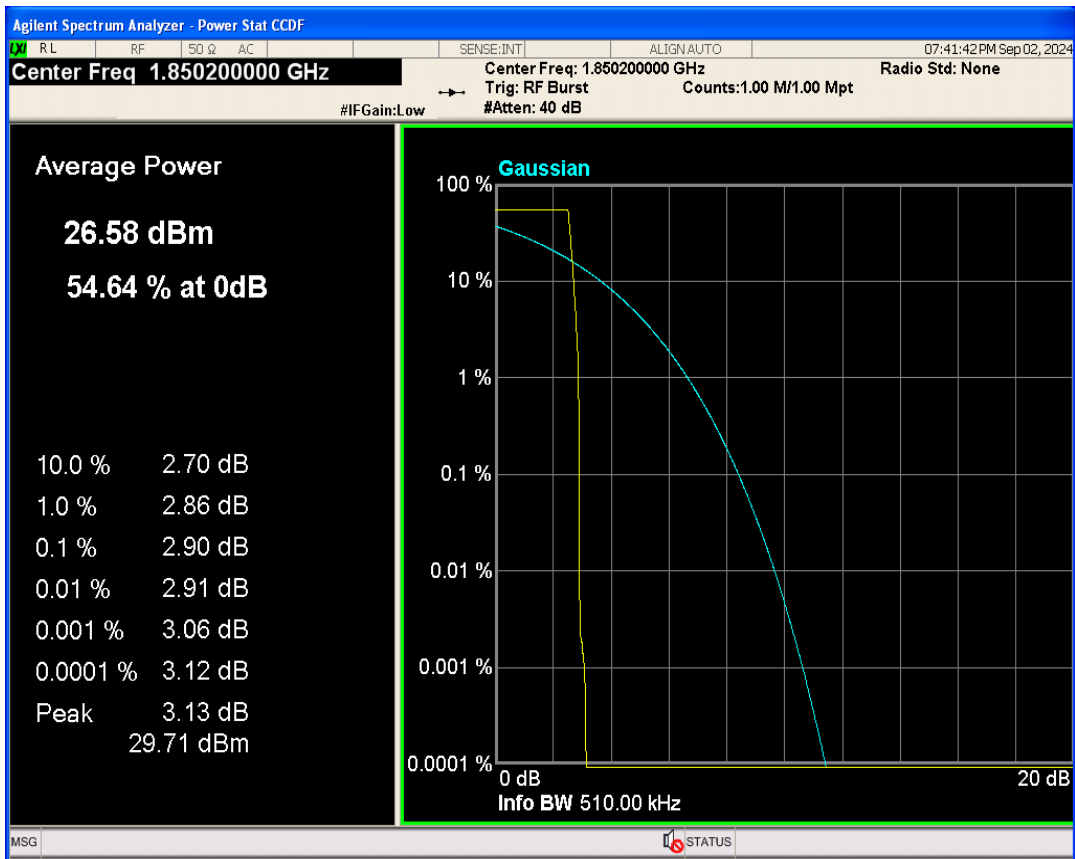
08 Frequency stability

Band	Channel	Frequency (MHz)	Result(Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
GPRS1900	661	1880	-1.291434	0.00	-2.500	2.5	PASS
GPRS850	189	836.4	8.523464	0.01	-2.500	2.5	PASS

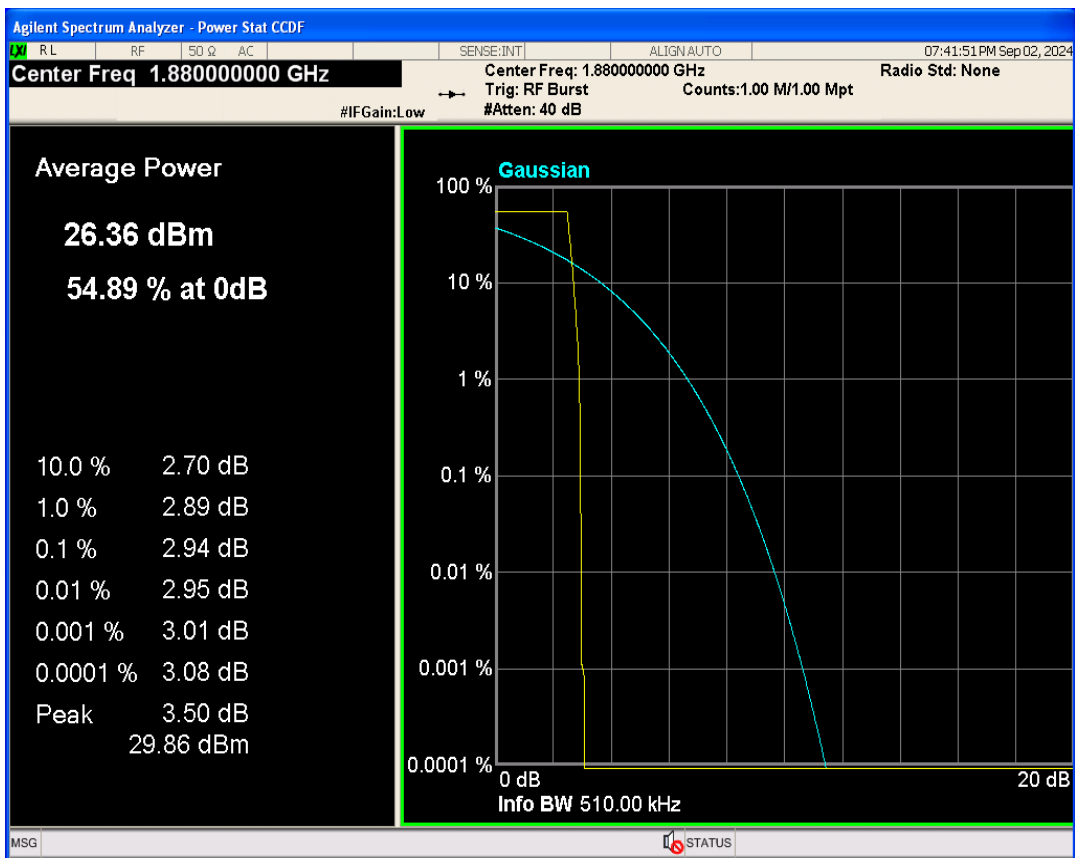
09 Peak-to-Average Ratio

Band	Channel	Frequency (MHz)	Result (dB)	high Limit (dB)	Verdict
GPRS1900	512	1850.2	2.90	13	PASS
GPRS1900	661	1880	2.94	13	PASS
GPRS1900	810	1909.8	2.92	13	PASS
GPRS850	128	824.2	3.10	13	PASS
GPRS850	189	836.4	3.04	13	PASS
GPRS850	251	848.8	2.99	13	PASS

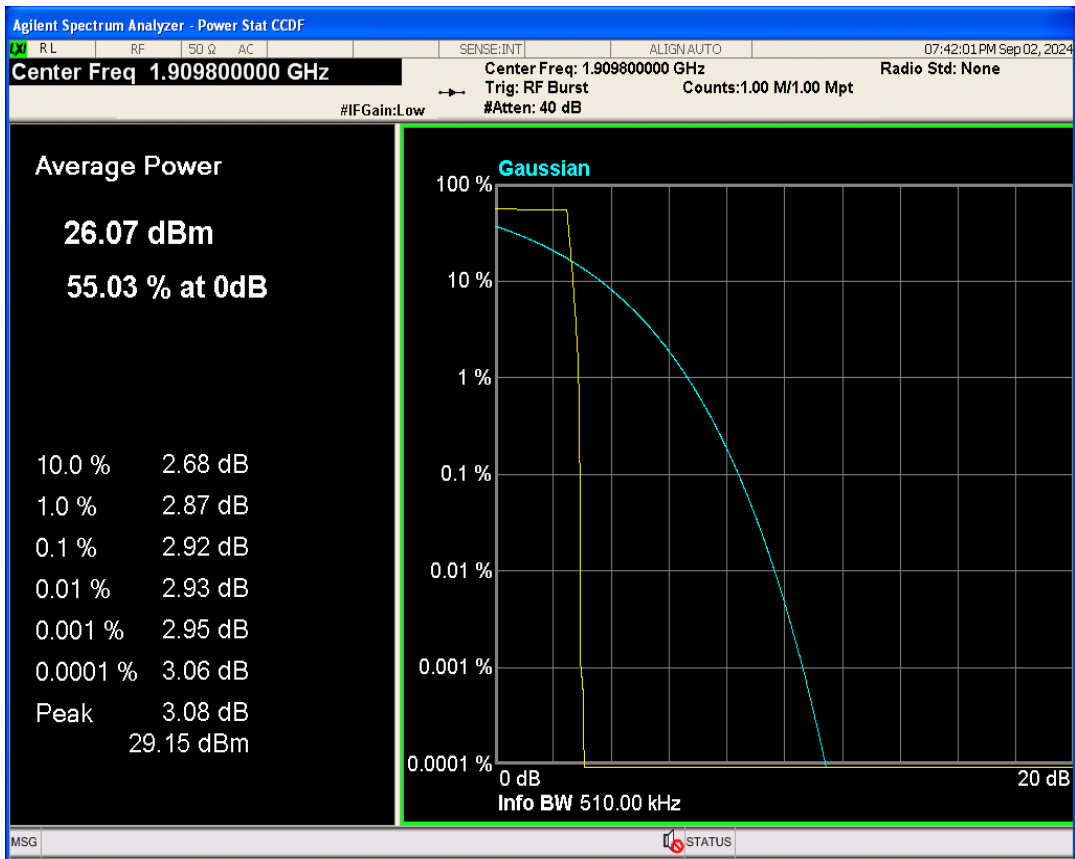
GPRS1900 Channel=512



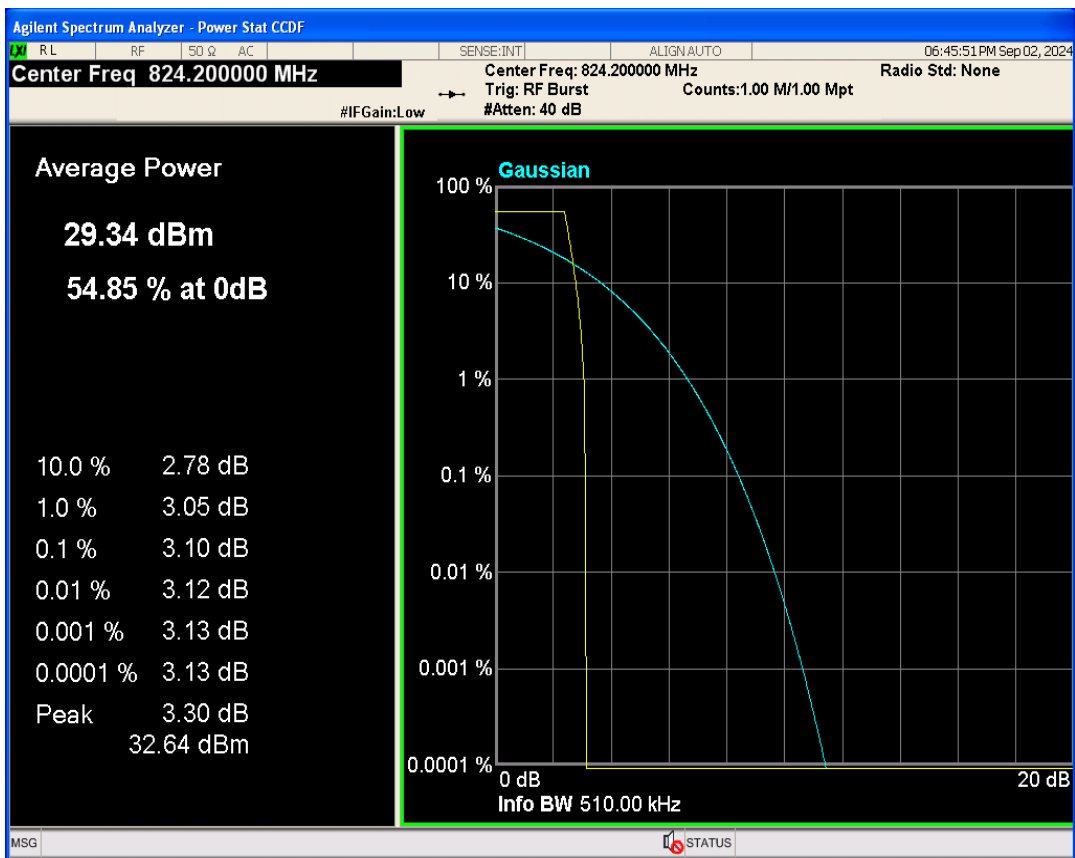
GPRS1900 Channel=661



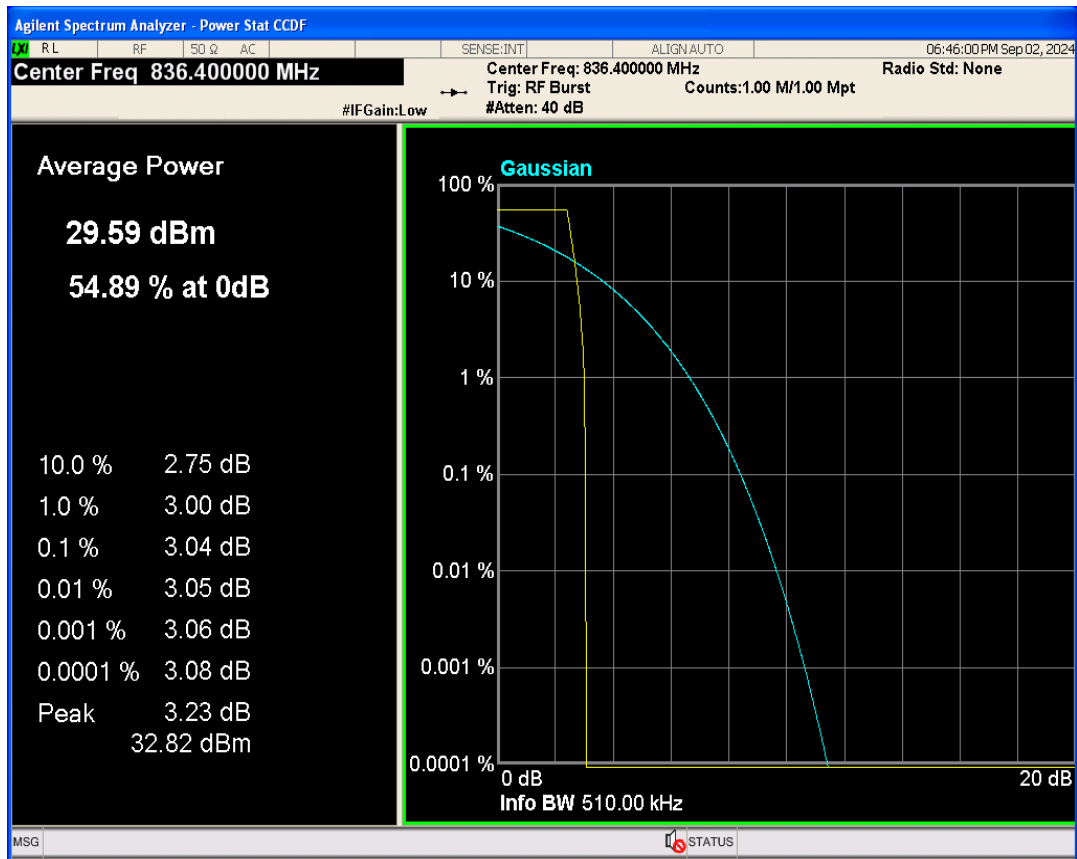
GPRS1900 Channel=810



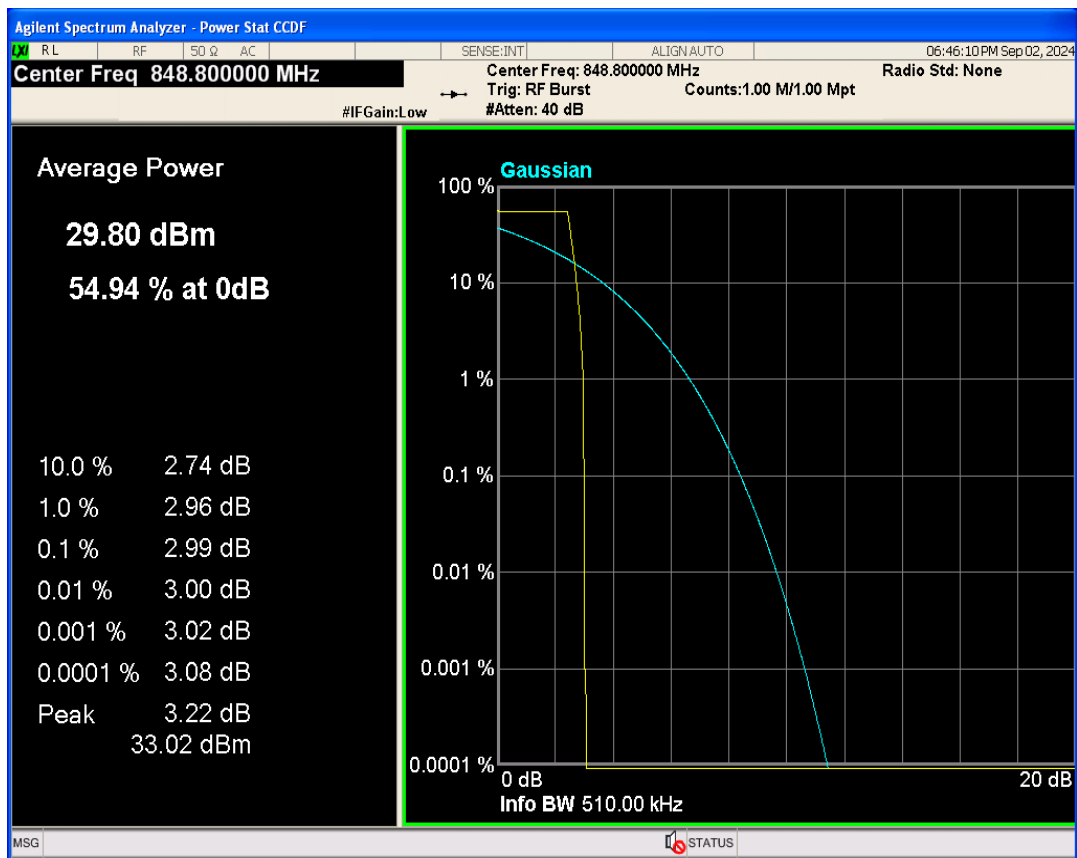
GPRS850 Channel=128



GPRS850 Channel=189



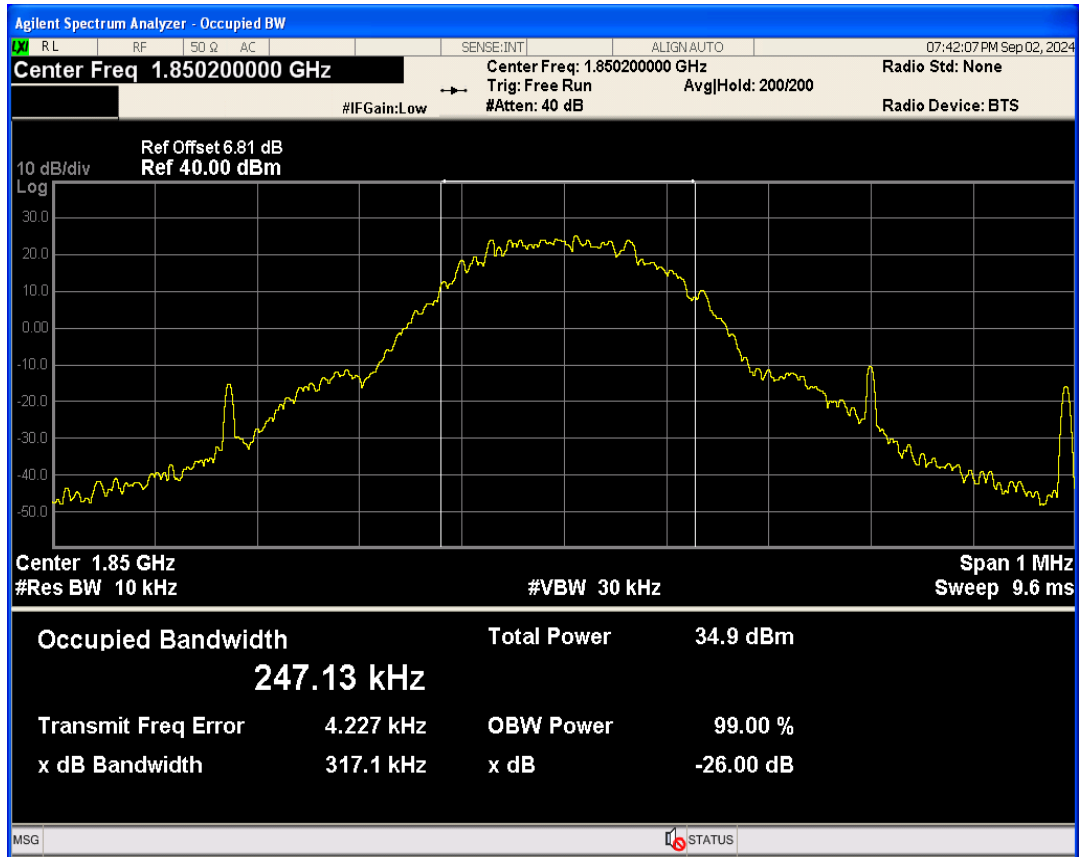
GPRS850 Channel=251



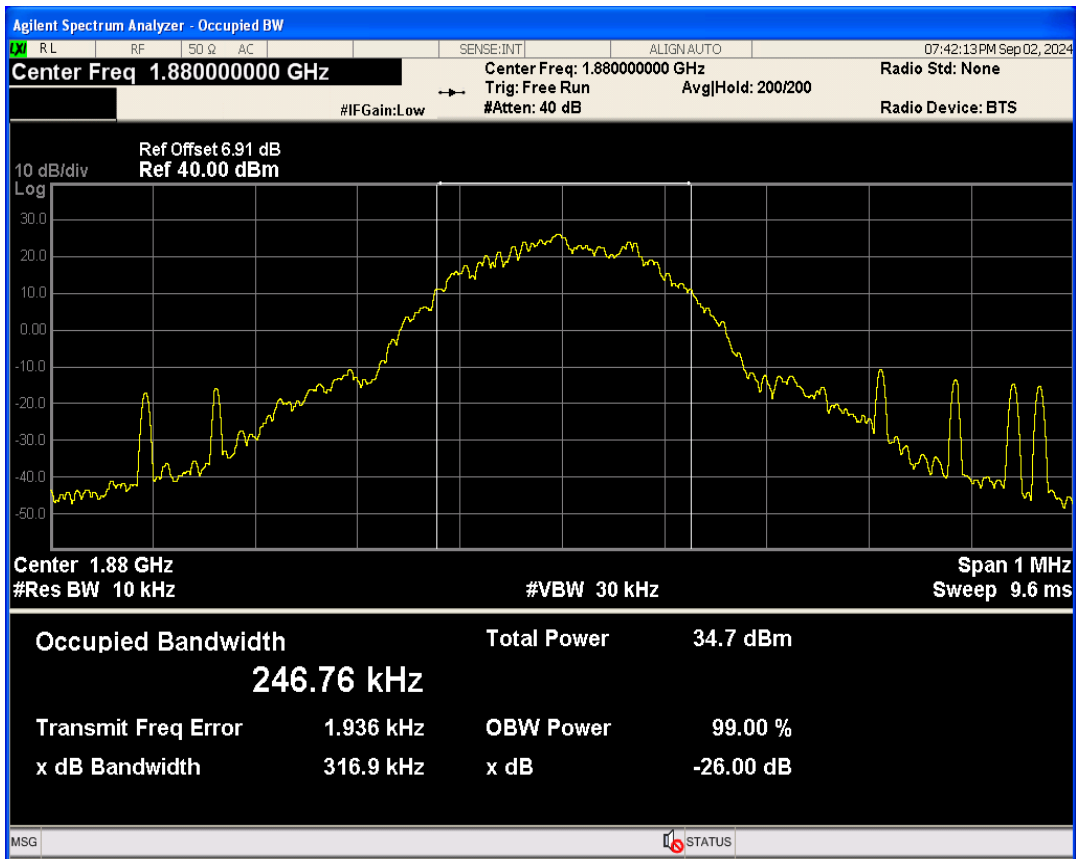
10 Occupied bandwidth

Band	Channel	Frequency (MHz)	99% OBW (kHz)	-26dB EBW (kHz)	Verdict
GPRS1900	512	1850.2	247.129	317.102	PASS
GPRS1900	661	1880	246.761	316.941	PASS
GPRS1900	810	1909.8	248.573	317.516	PASS
GPRS850	128	824.2	247.458	319.028	PASS
GPRS850	189	836.4	240.522	315.393	PASS
GPRS850	251	848.8	246.092	311.801	PASS

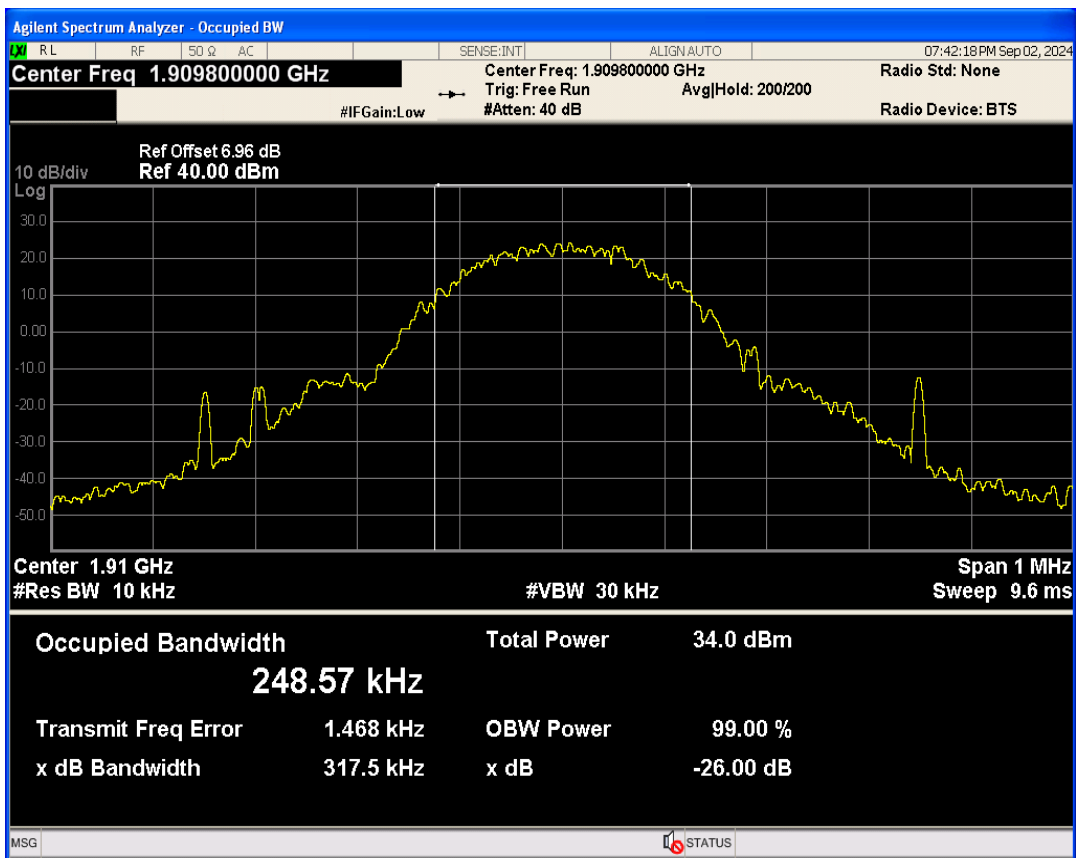
GPRS1900 Channel=512



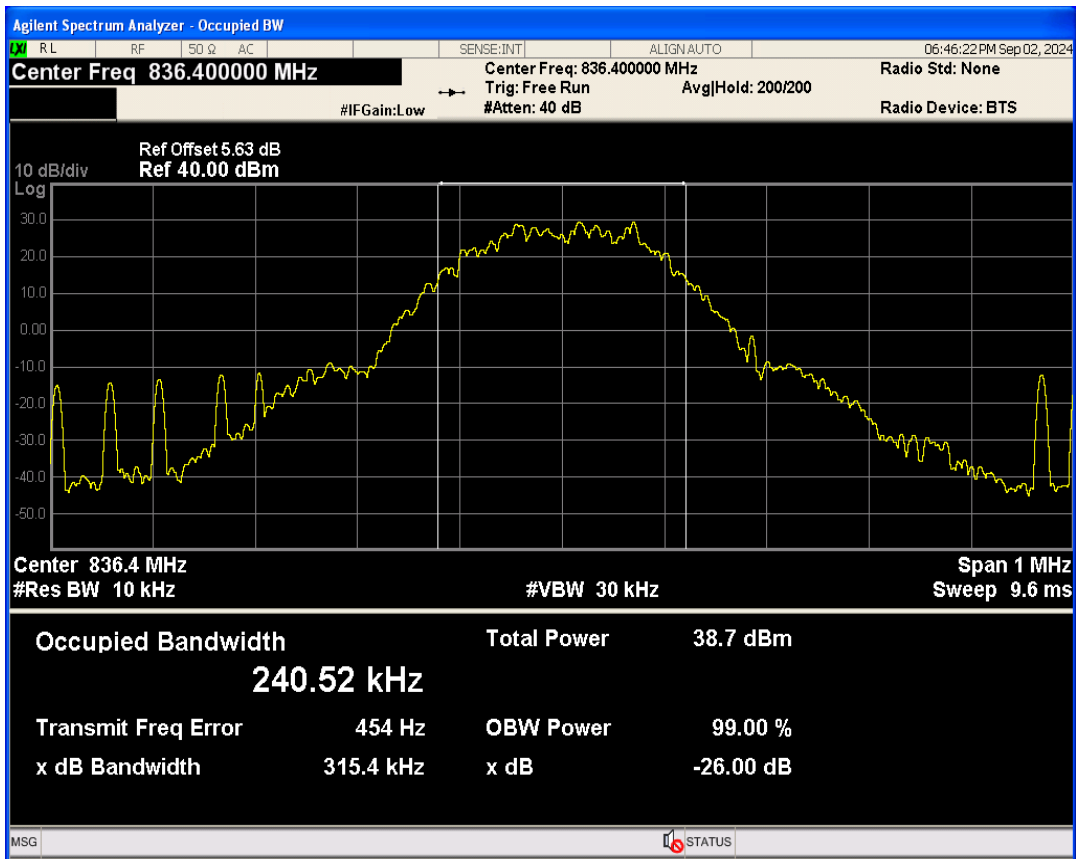
GPRS1900 Channel=661



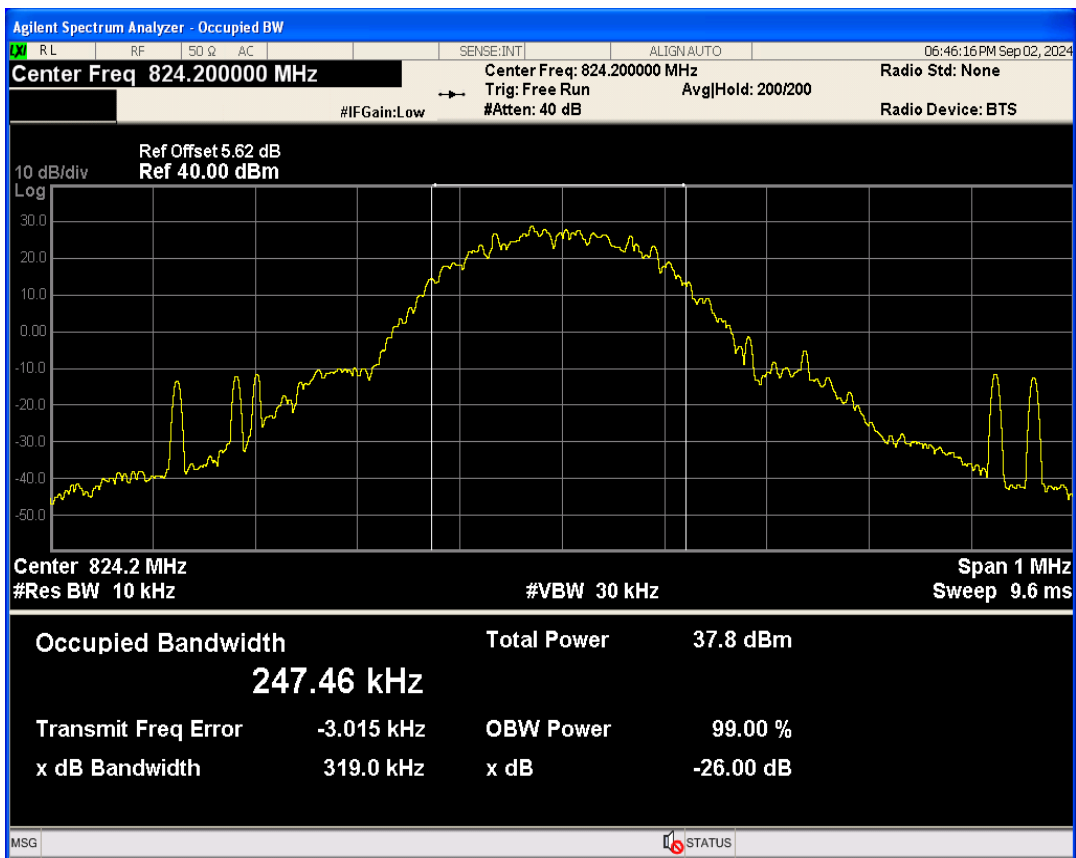
GPRS1900 Channel=810



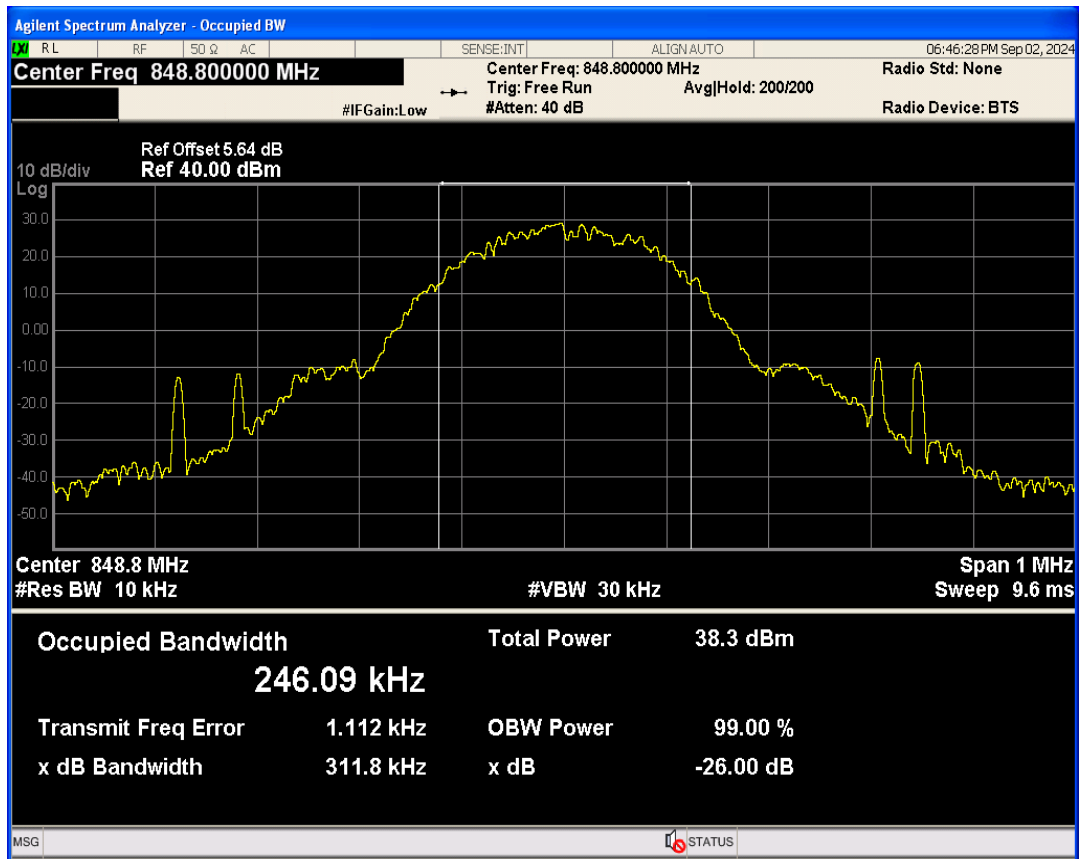
GPRS850 Channel=189



GPRS850 Channel=128



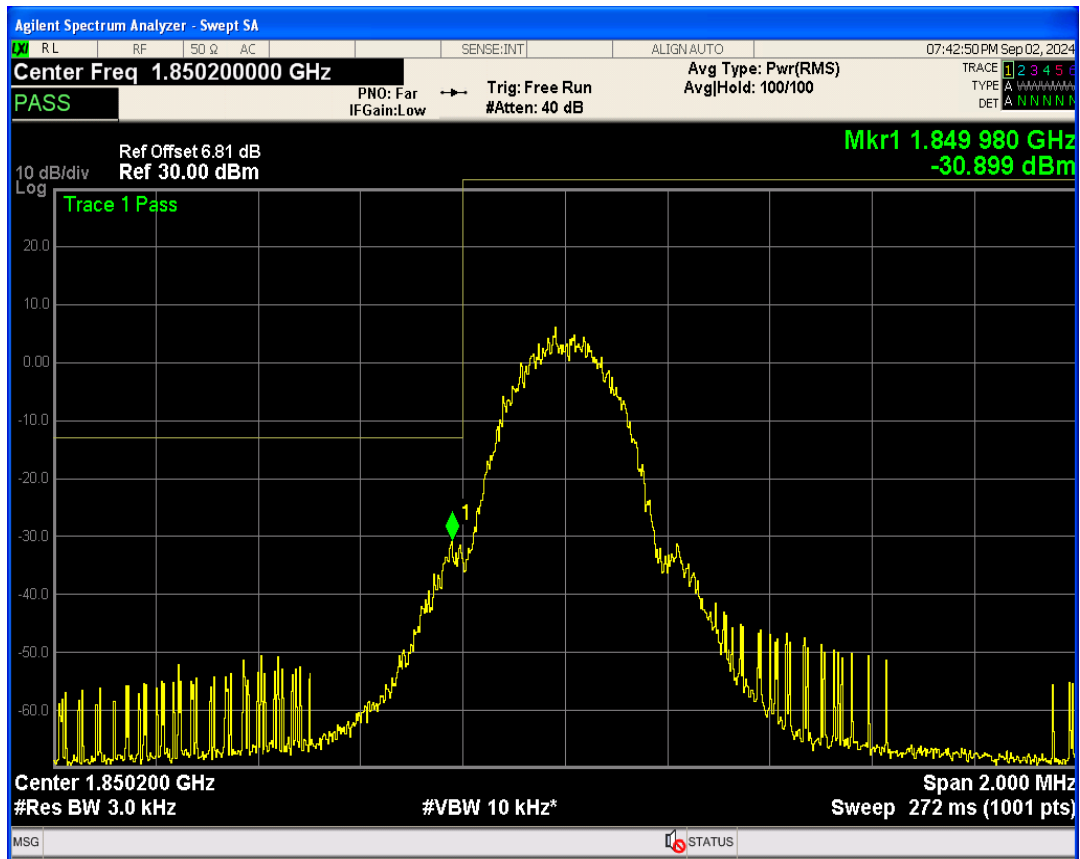
GPRS850 Channel=251



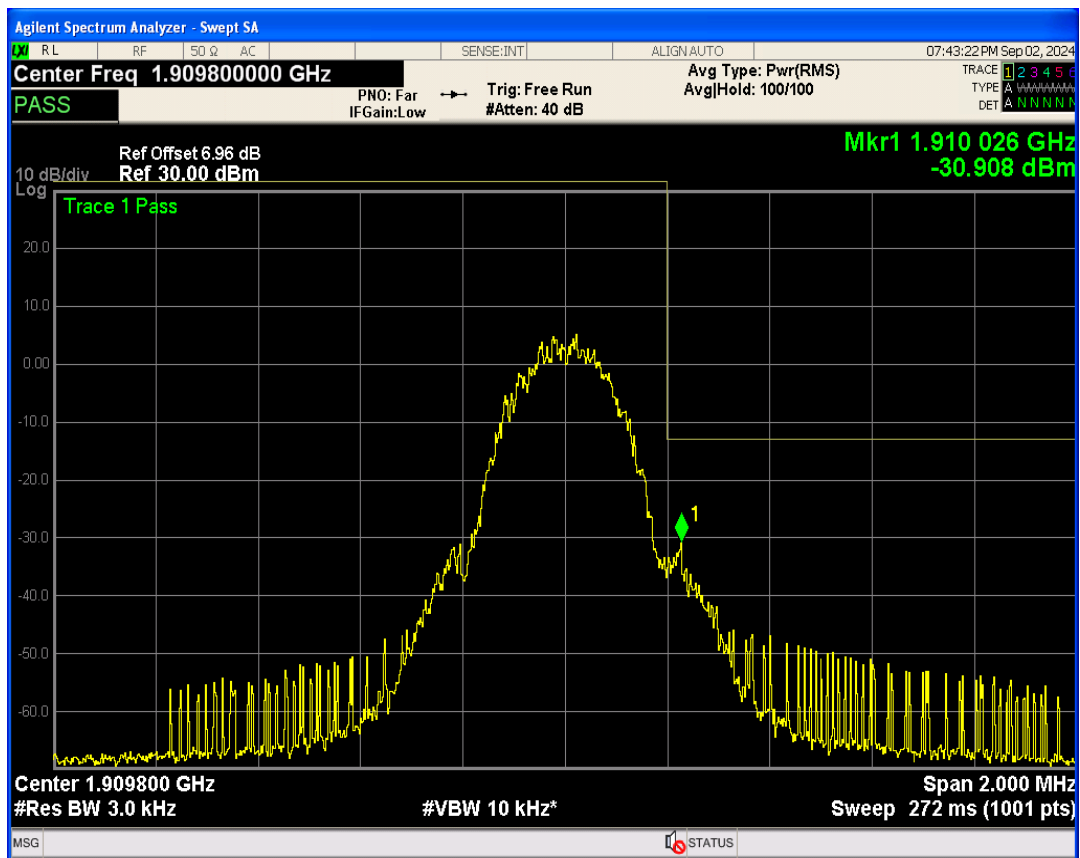
11 Band edge

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
GPRS1900	512	1850.2	1849.98	-30.89	-13	PASS
GPRS1900	810	1909.8	1910.03	-30.90	-13	PASS
GPRS850	128	824.2	824.00	-26.64	-13	PASS
GPRS850	251	848.8	849.02	-27.96	-13	PASS

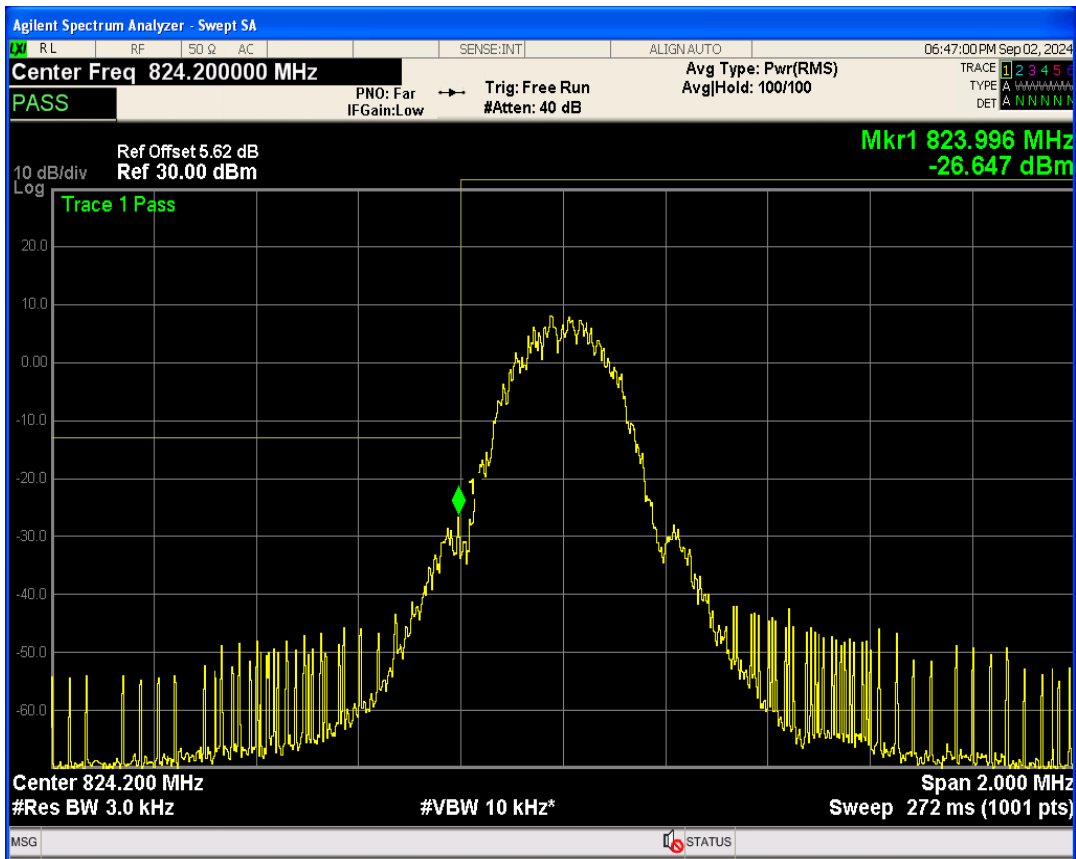
GPRS1900 Channel=512



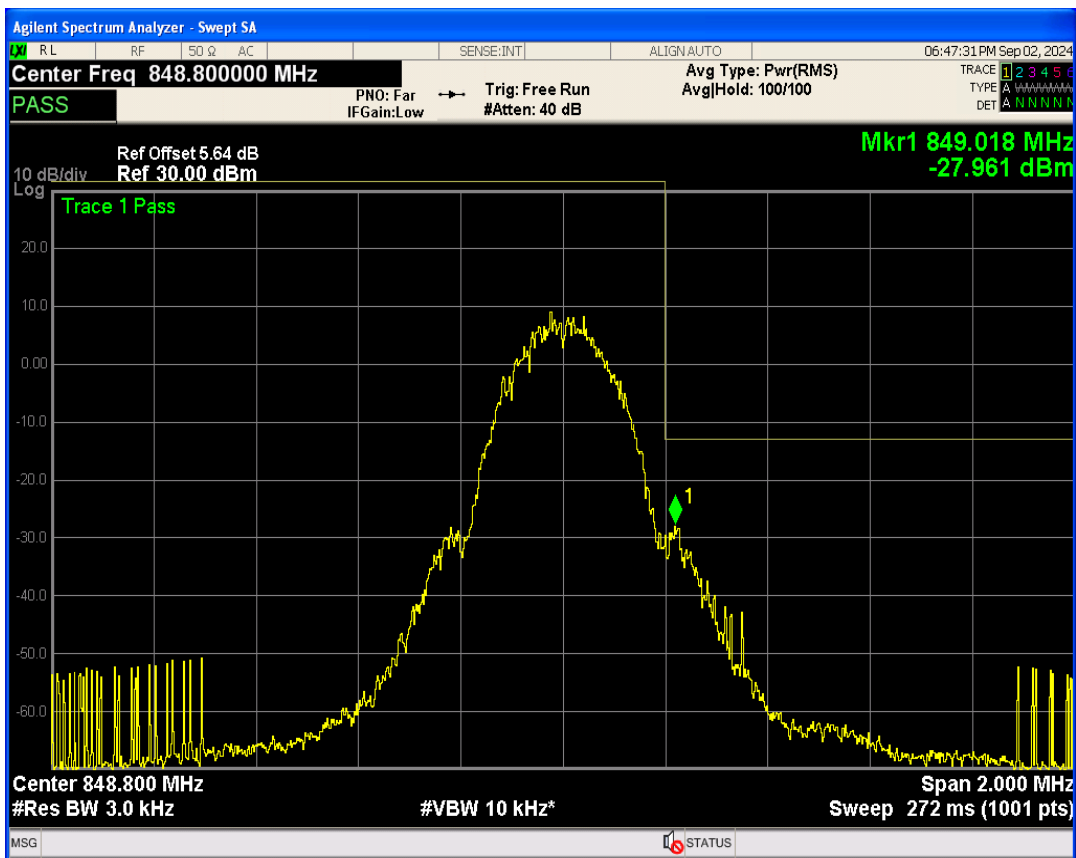
GPRS1900 Channel=810



GPRS850 Channel=128



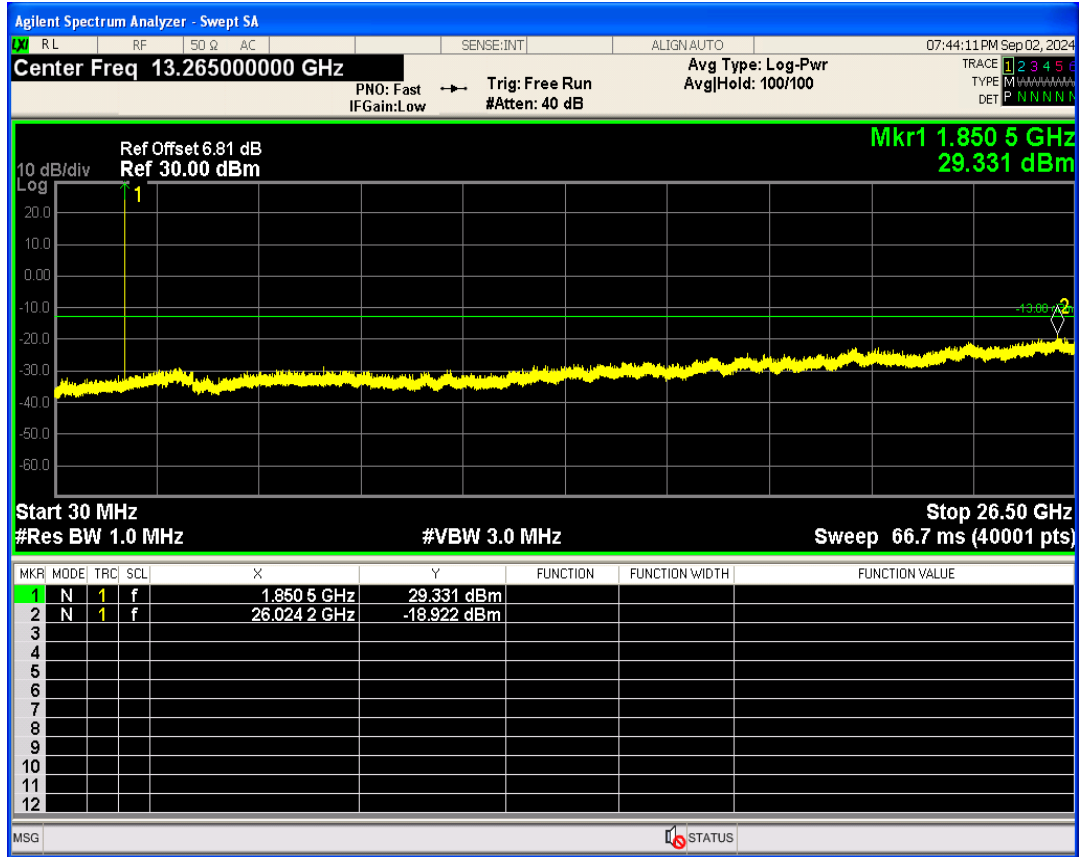
GPRS850 Channel=251



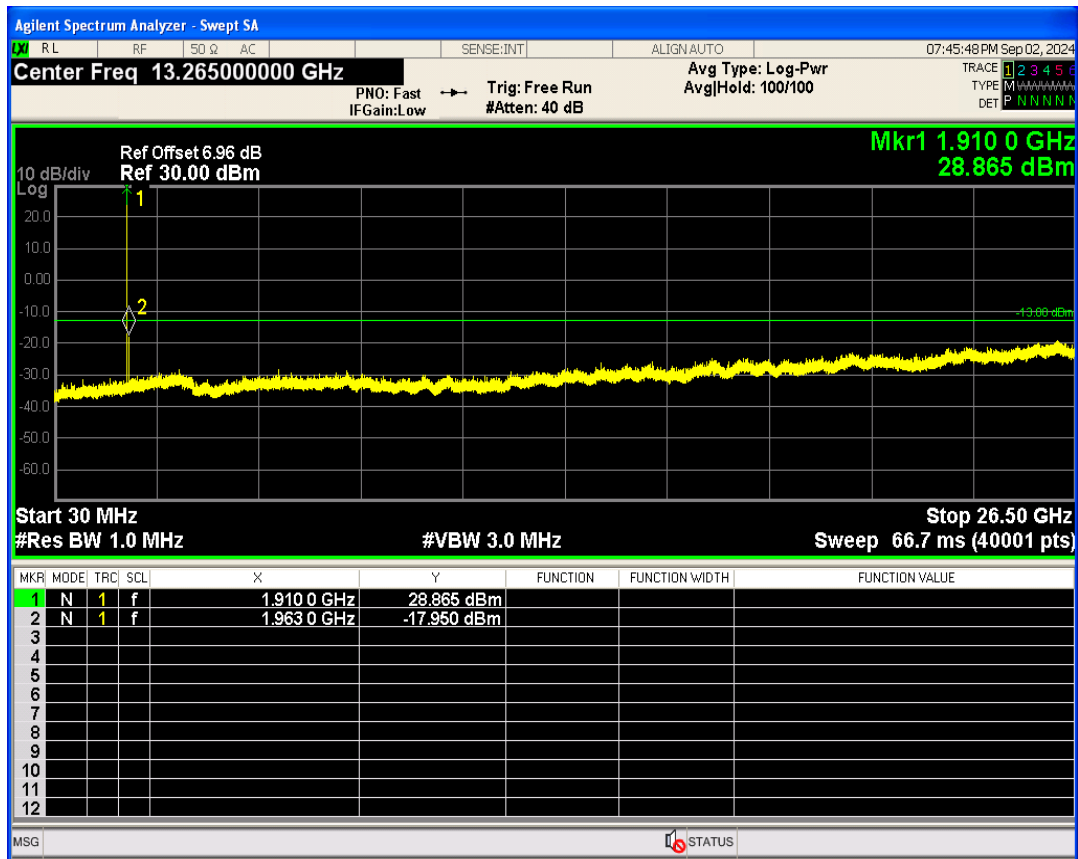
12 Out-of-band emissions

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
GPRS1900	512	1850.2	26024.20	-18.92	-13	PASS
GPRS1900	661	1880	25997.73	-18.56	-13	PASS
GPRS1900	810	1909.8	1962.97	-17.95	-13	PASS
GPRS850	128	824.2	26072.51	-20.43	-13	PASS
GPRS850	189	836.4	26048.69	-20.44	-13	PASS
GPRS850	251	848.8	25960.67	-20.14	-13	PASS

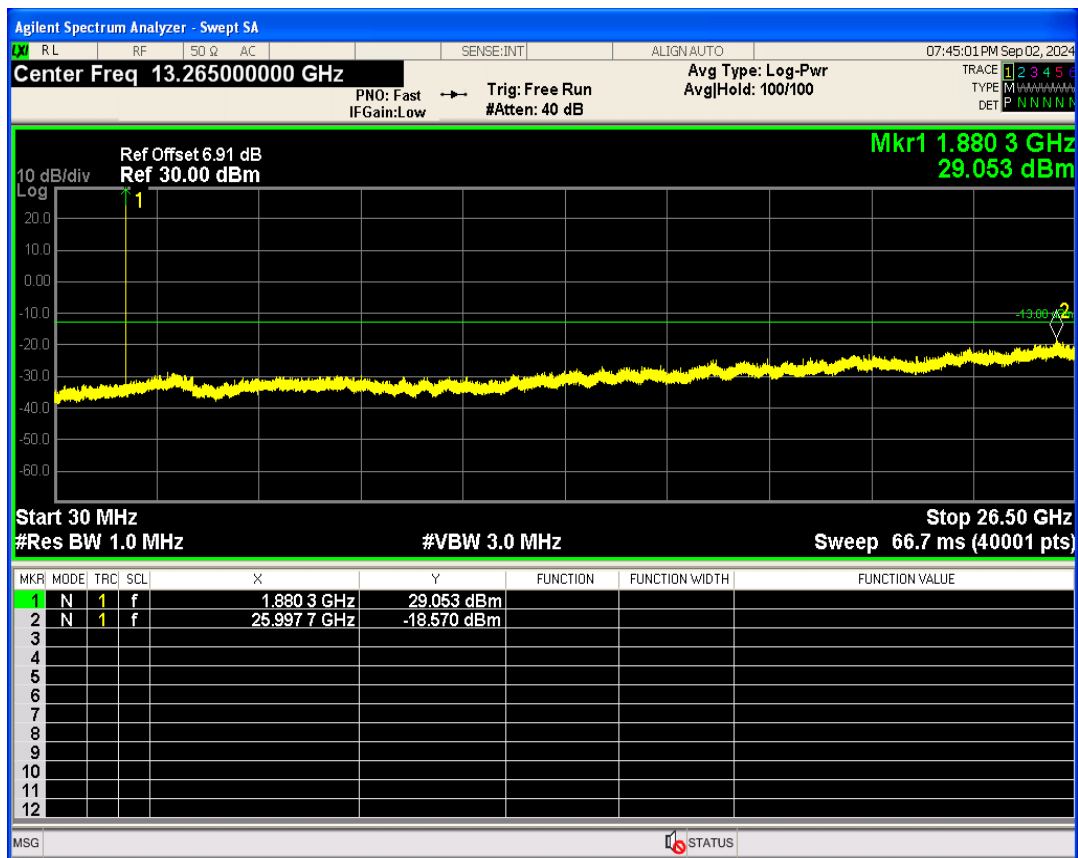
GPRS1900 Channel=512



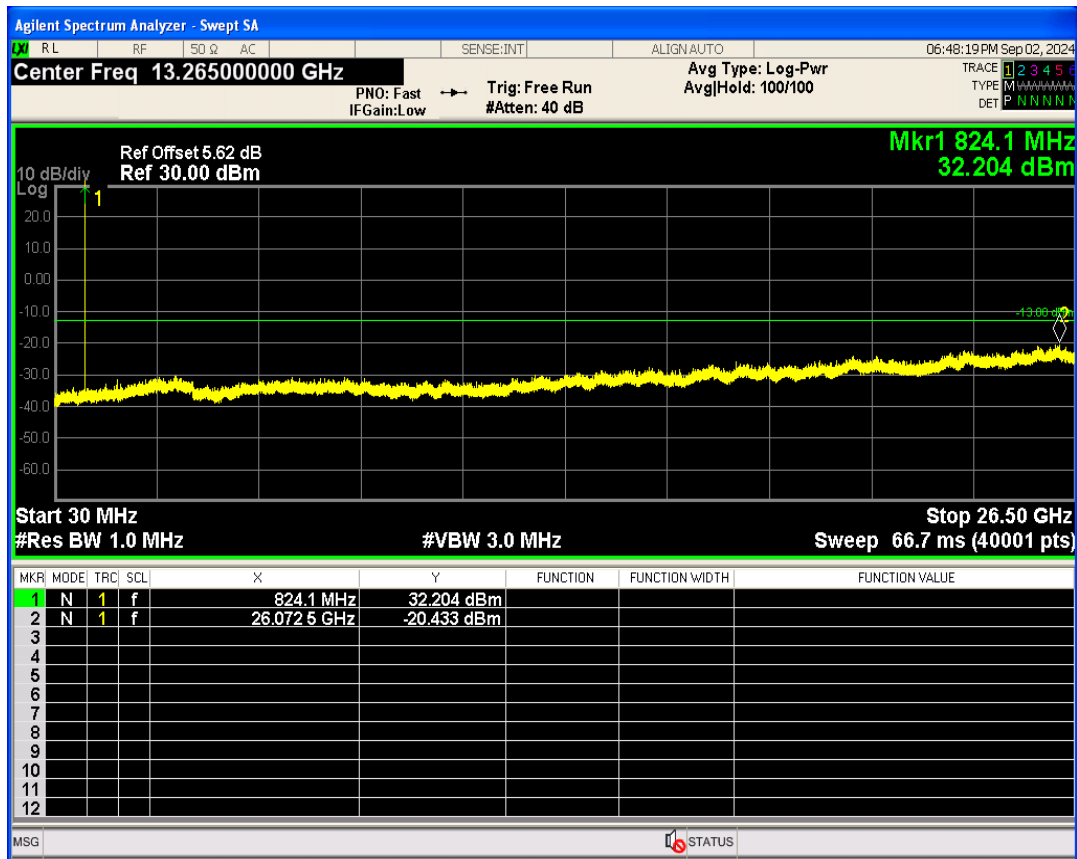
GPRS1900 Channel=810



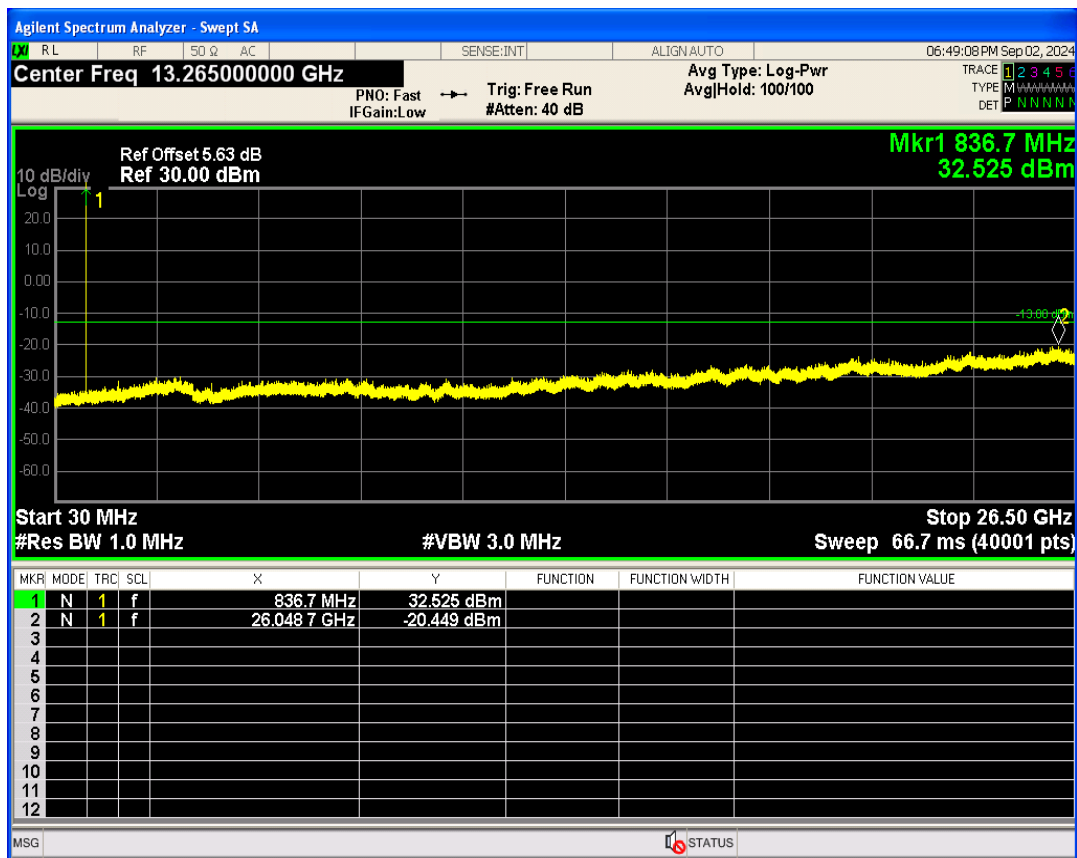
GPRS1900 Channel=661



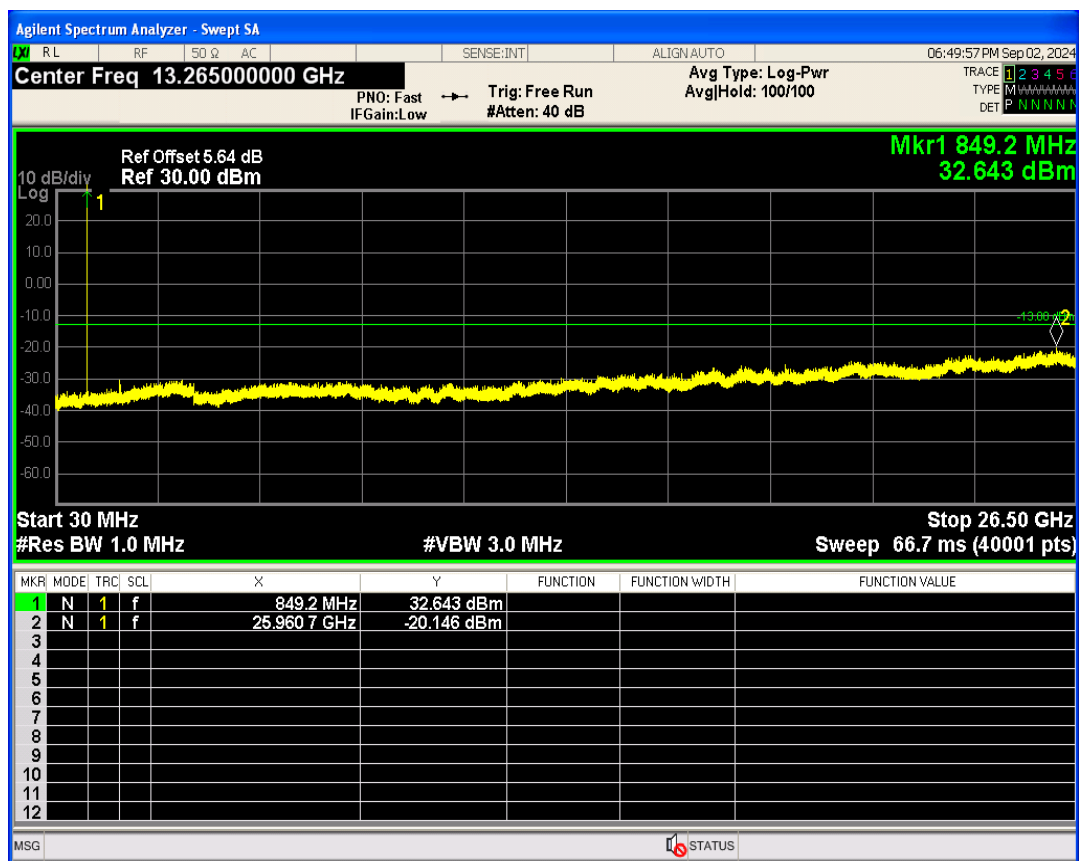
GPRS850 Channel=128



GPRS850 Channel=189



GPRS850 Channel=251



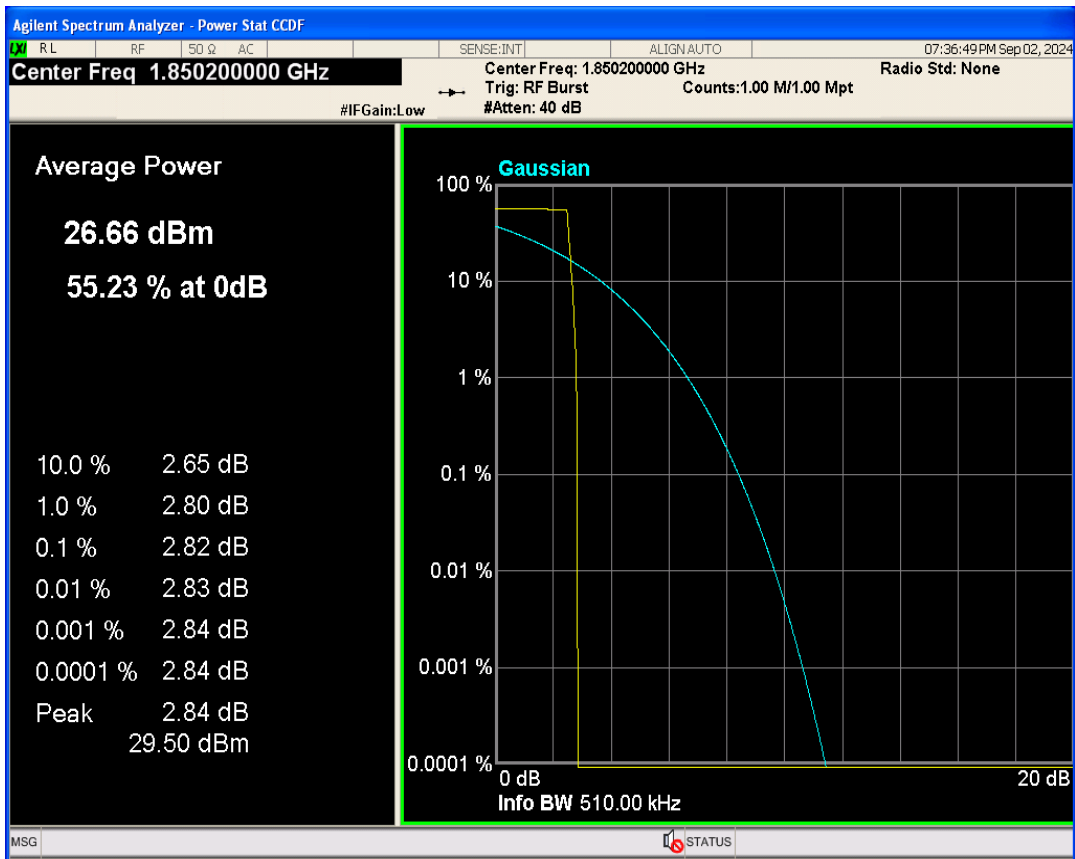
02 Frequency stability

Band	Channel	Frequency (MHz)	Result(Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
GSM1900	661	1880	-8.43	-0.004	-2.5	2.5	PASS
GSM850	189	836.4	8.65	0.010	-2.5	2.5	PASS

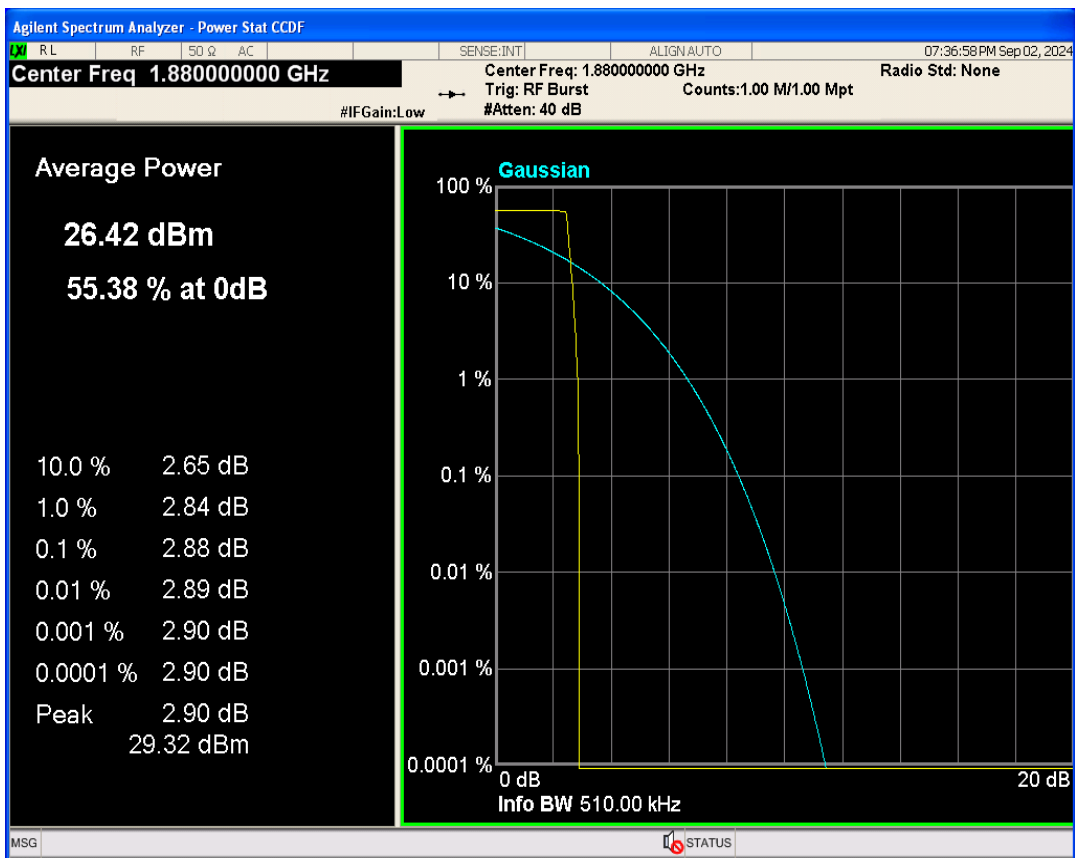
03 Peak-to-Average Ratio

Band	Channel	Frequency (MHz)	Result (dB)	high Limit (dB)	Verdict
GSM1900	512	1850.2	2.82	13	PASS
GSM1900	661	1880	2.88	13	PASS
GSM1900	810	1909.8	2.87	13	PASS
GSM850	128	824.2	3.03	13	PASS
GSM850	189	836.4	2.99	13	PASS
GSM850	251	848.8	2.94	13	PASS

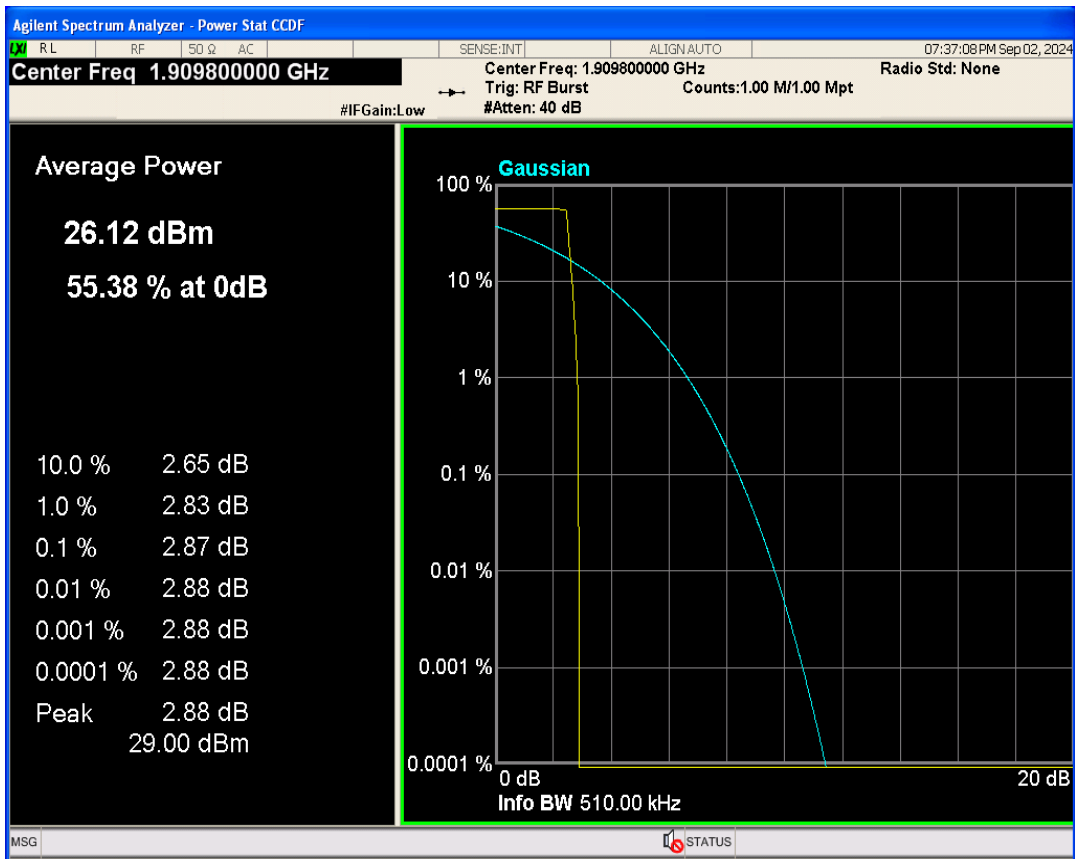
GSM1900 Channel=512



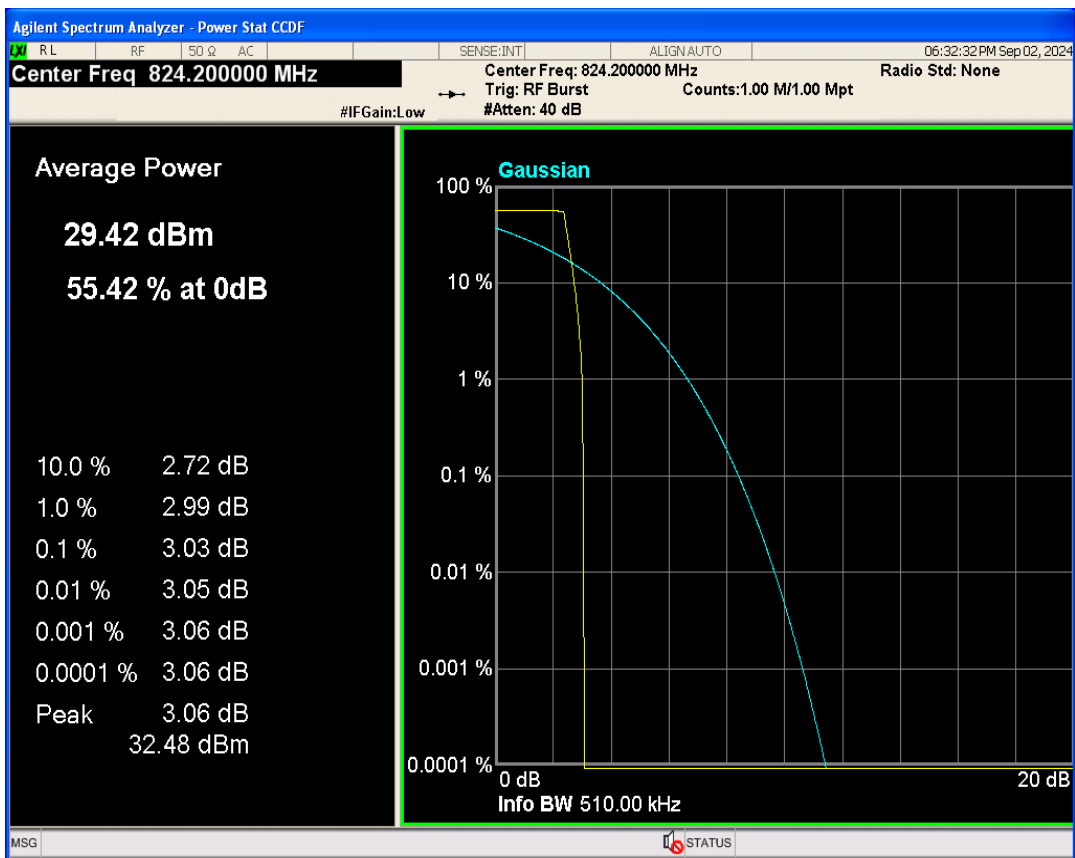
GSM1900 Channel=661



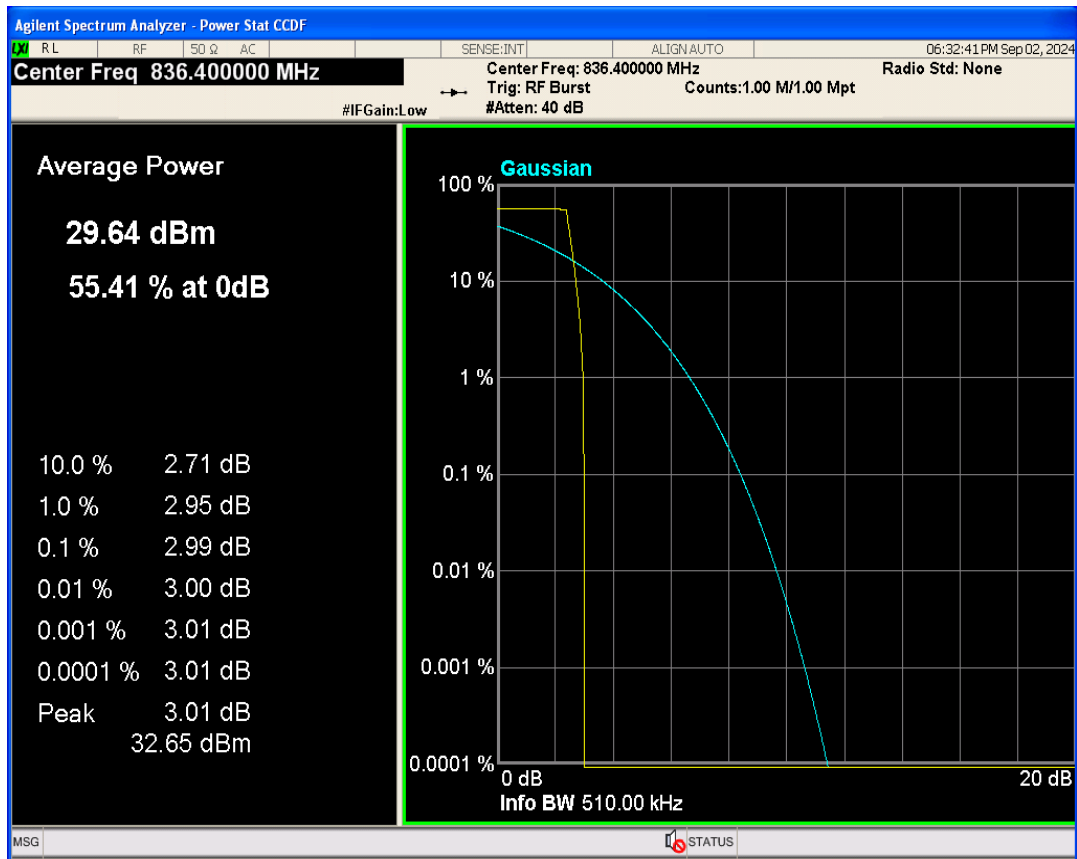
GSM1900 Channel=810



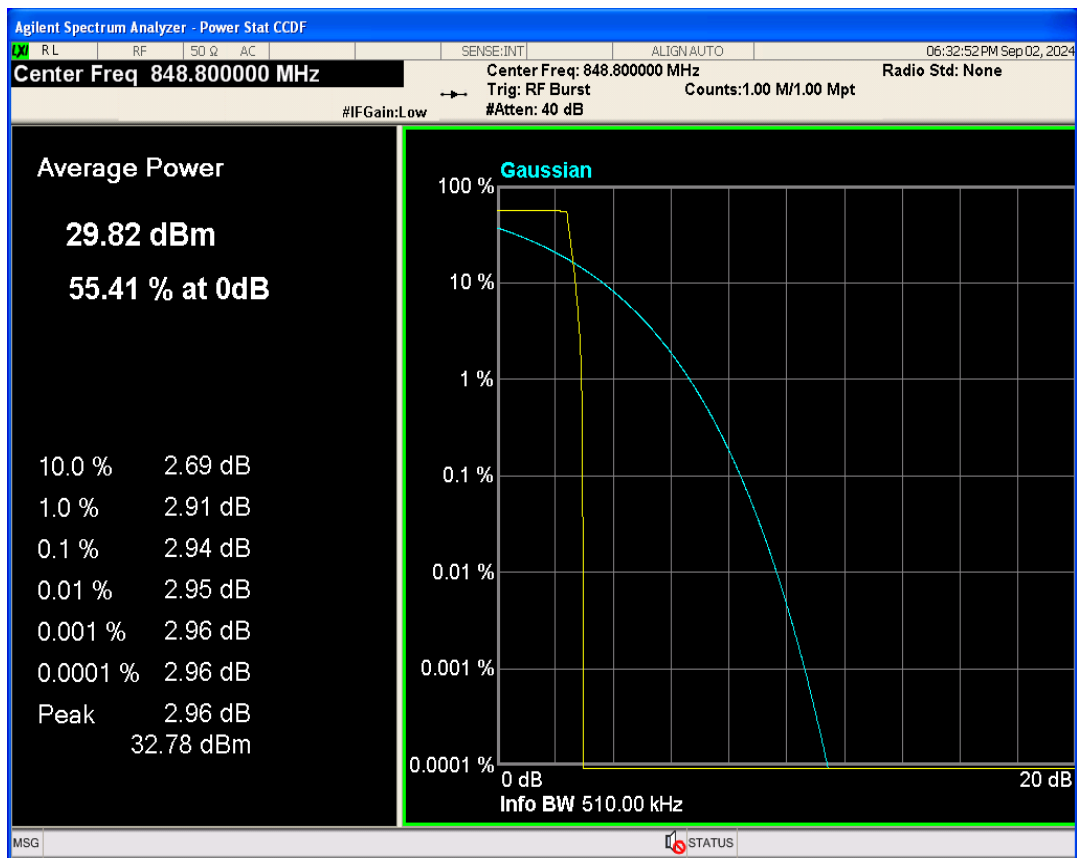
GSM850 Channel=128



GSM850 Channel=189



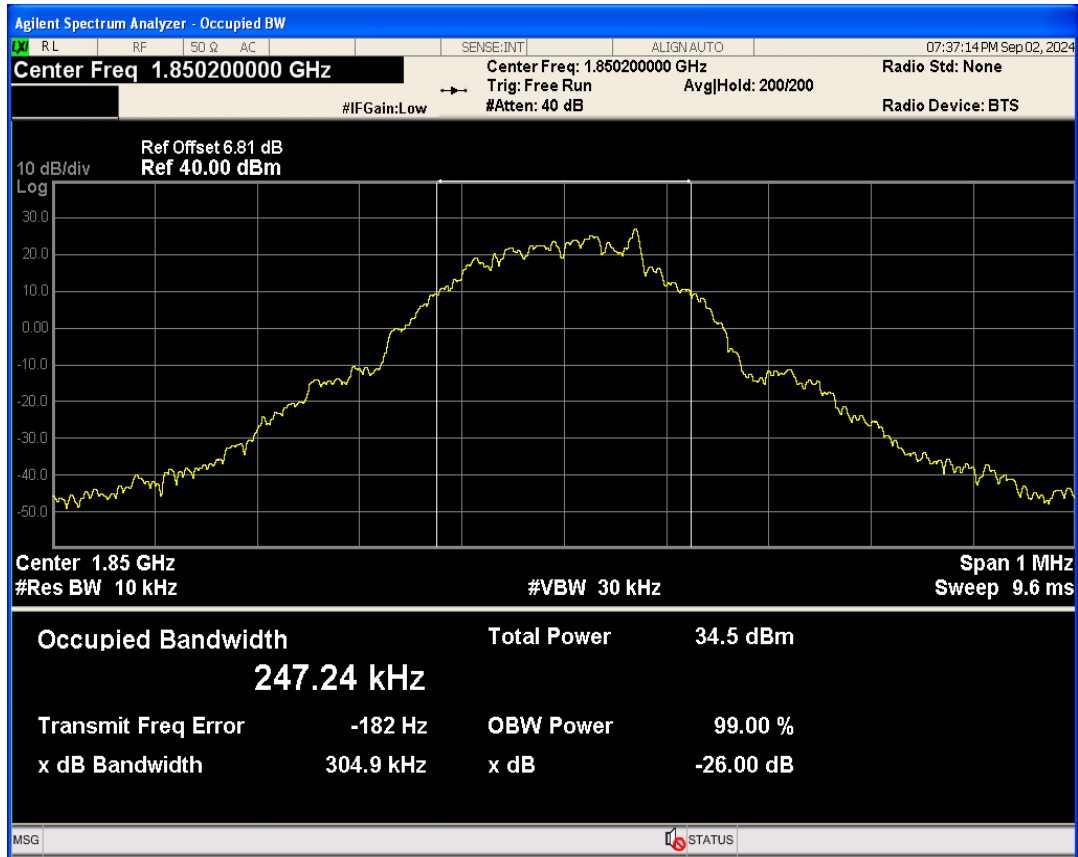
GSM850 Channel=251



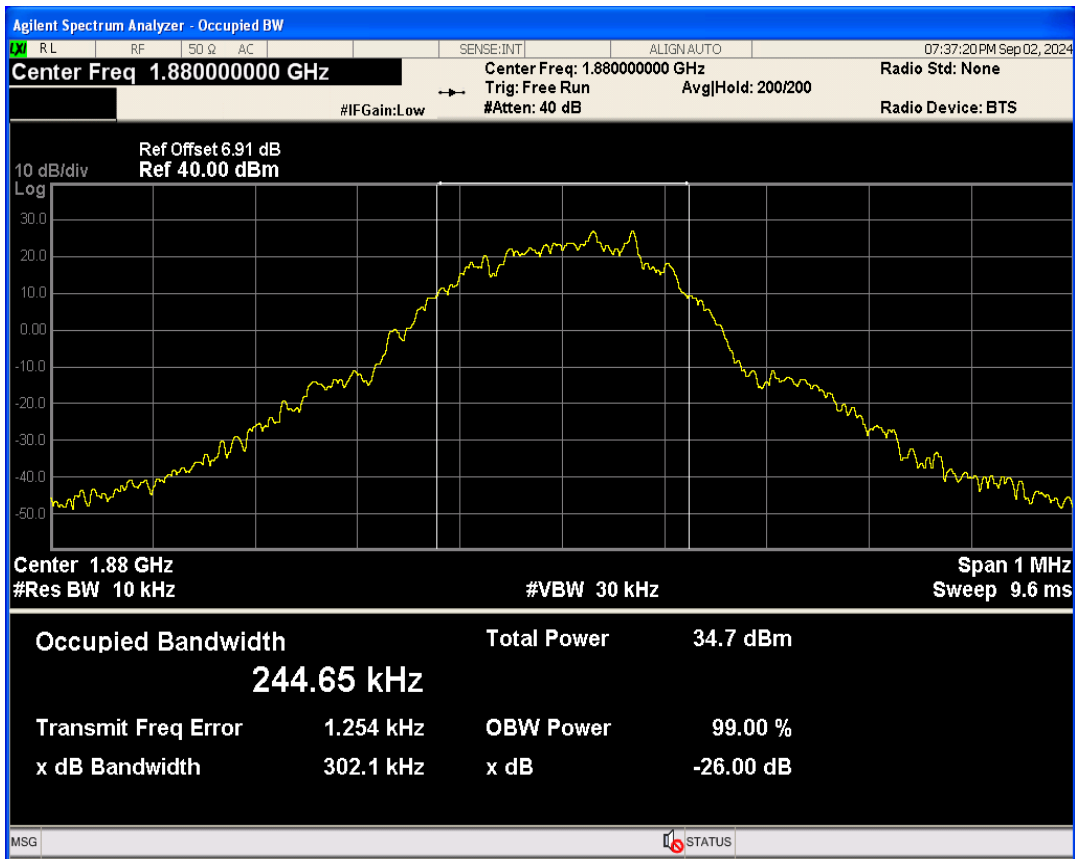
04 Occupied bandwidth

Band	Channel	Frequency (MHz)	99% OBW (kHz)	-26dB EBW (kHz)	Verdict
GSM1900	512	1850.2	247.244	304.877	PASS
GSM1900	661	1880	244.649	302.087	PASS
GSM1900	810	1909.8	238.661	296.597	PASS
GSM850	128	824.2	239.060	300.740	PASS
GSM850	189	836.4	246.940	306.408	PASS
GSM850	251	848.8	243.499	305.673	PASS

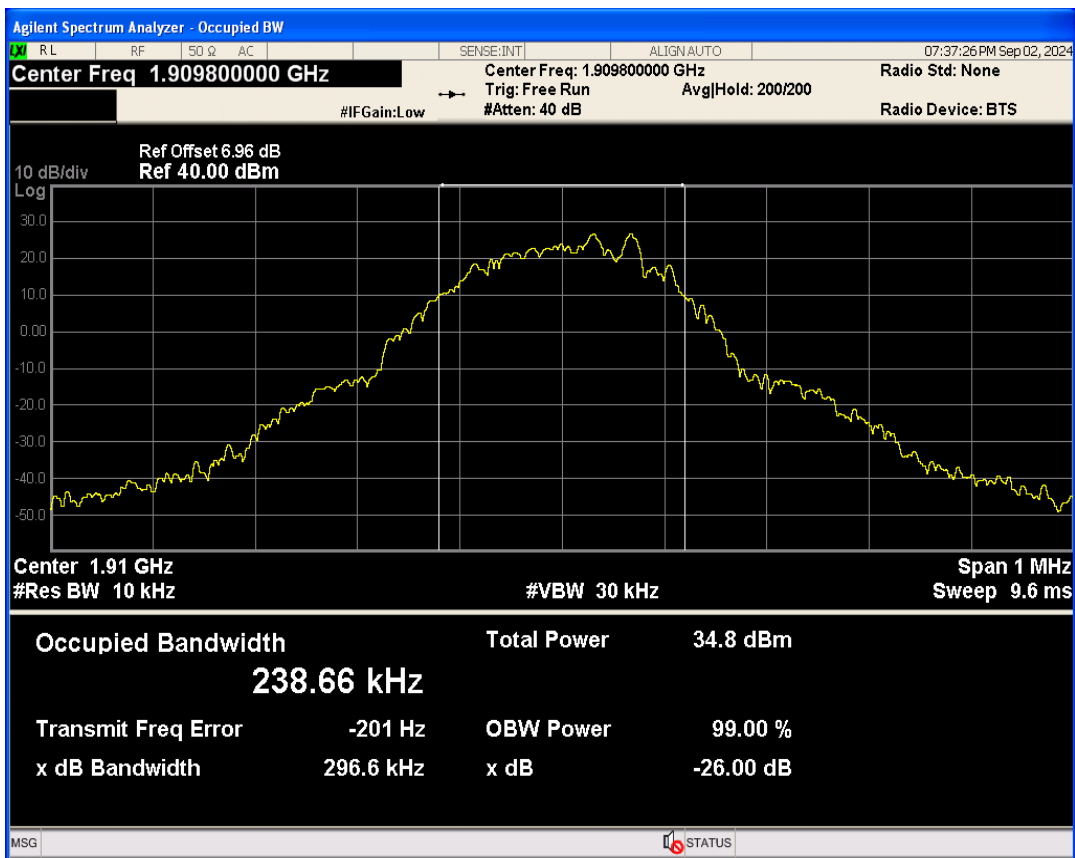
GSM1900 Channel=512



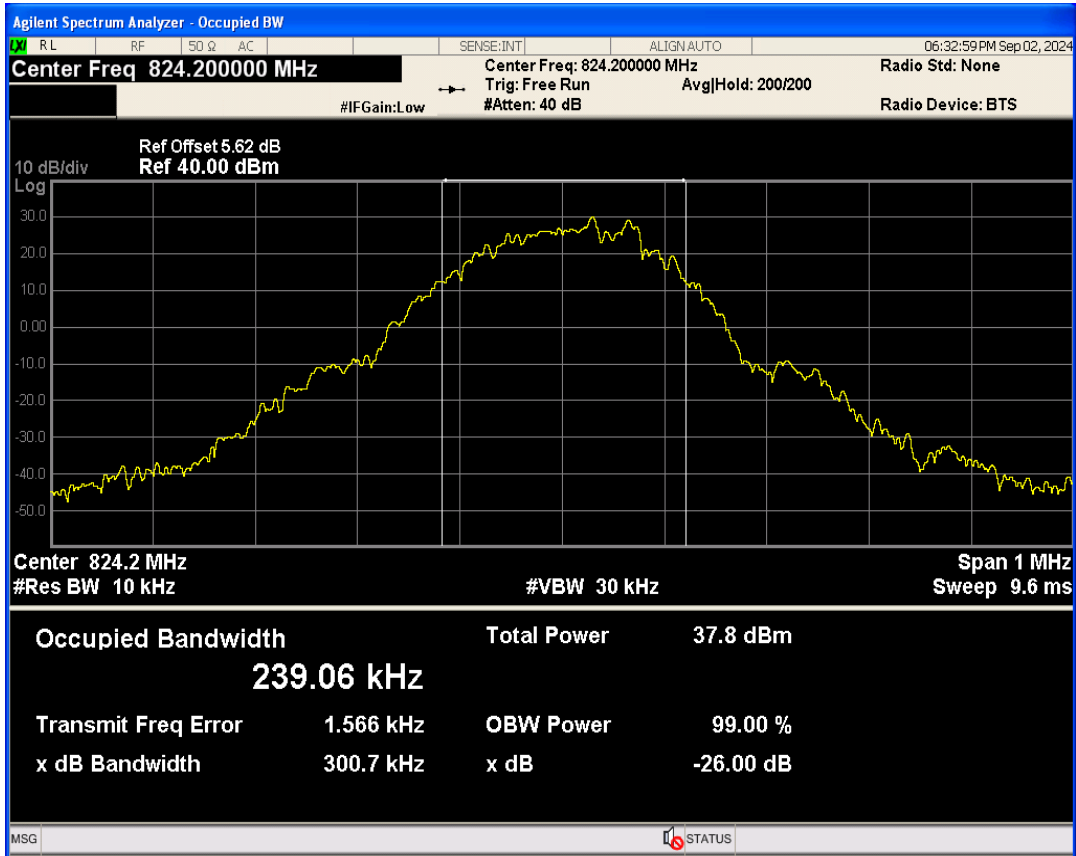
GSM1900 Channel=661



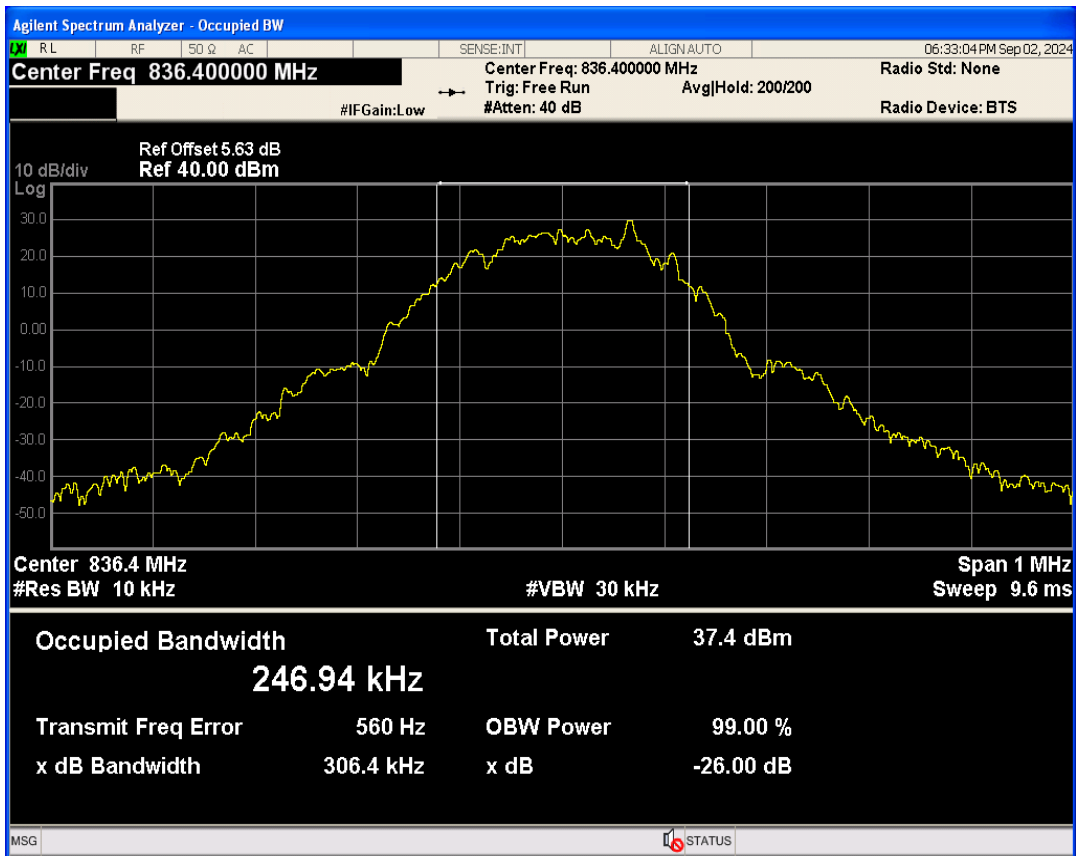
GSM1900 Channel=810



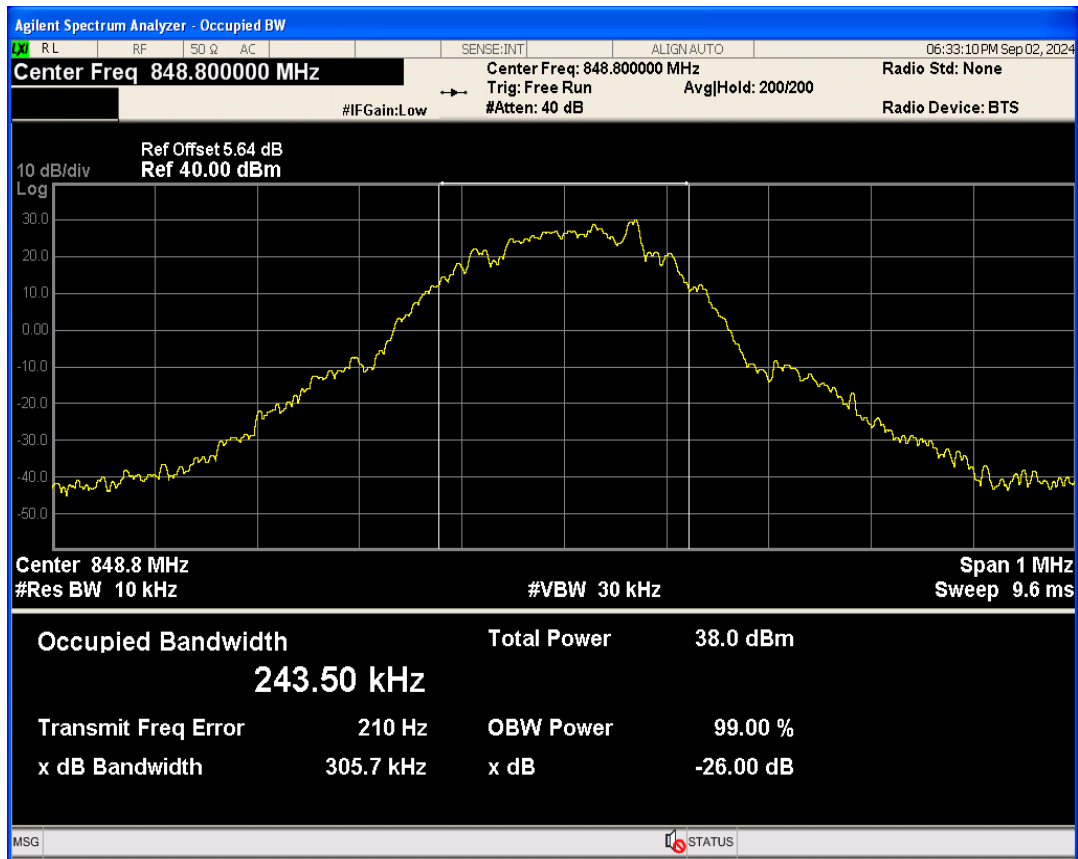
GSM850 Channel=128



GSM850 Channel=189



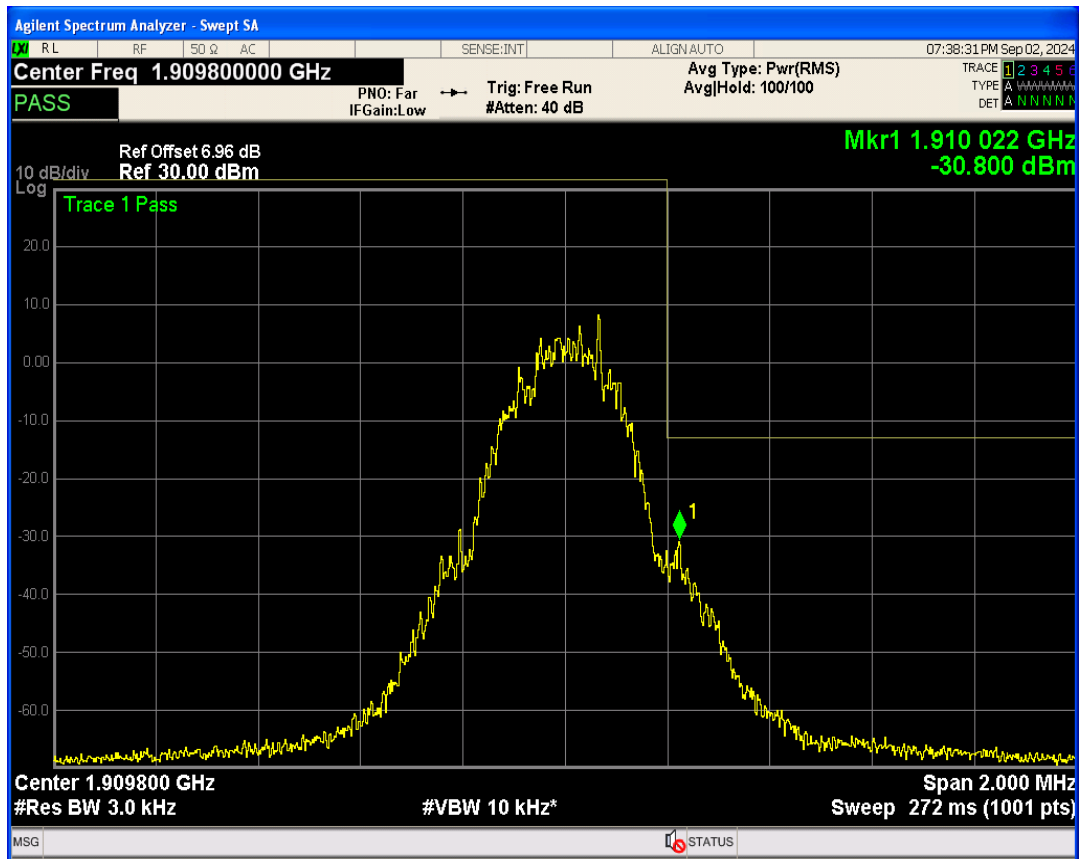
GSM850 Channel=251



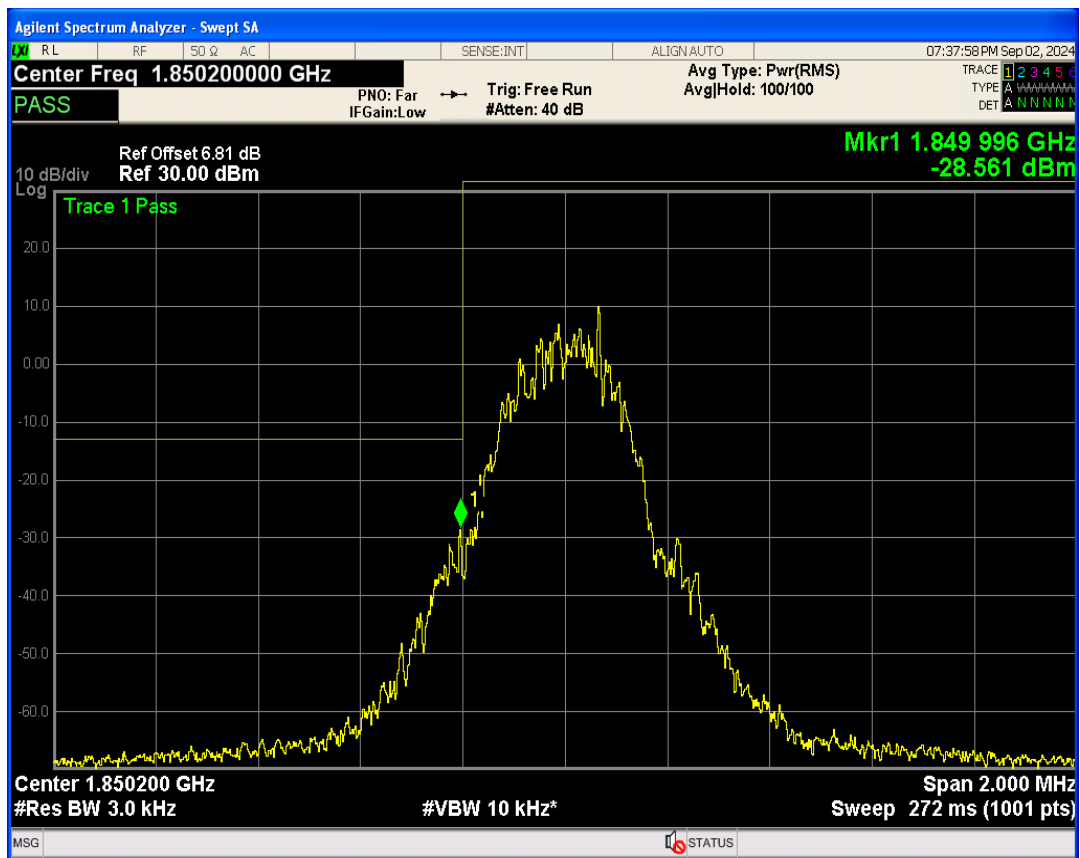
05 Band edge

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
GSM1900	512	1850.2	1850.00	-28.56	-13	PASS
GSM1900	810	1909.8	1910.02	-30.80	-13	PASS
GSM850	128	824.2	824.00	-24.27	-13	PASS
GSM850	251	848.8	849.02	-25.61	-13	PASS

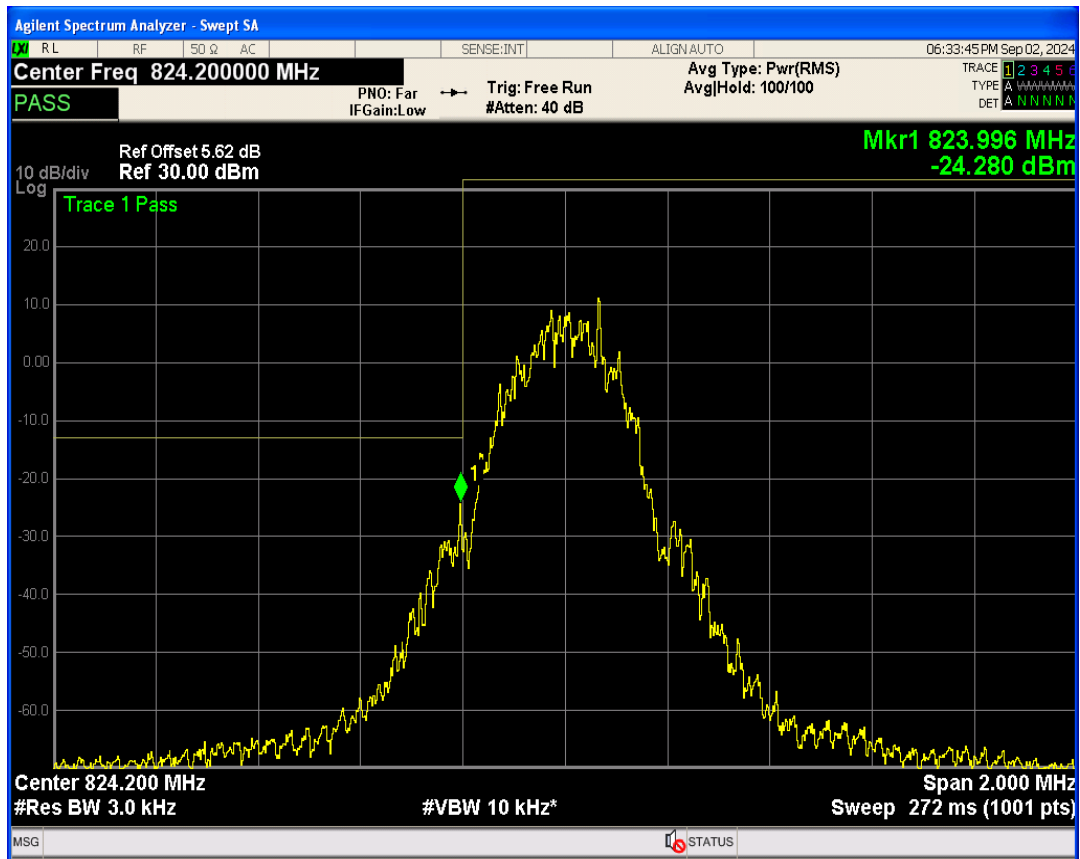
GSM1900 Channel=810



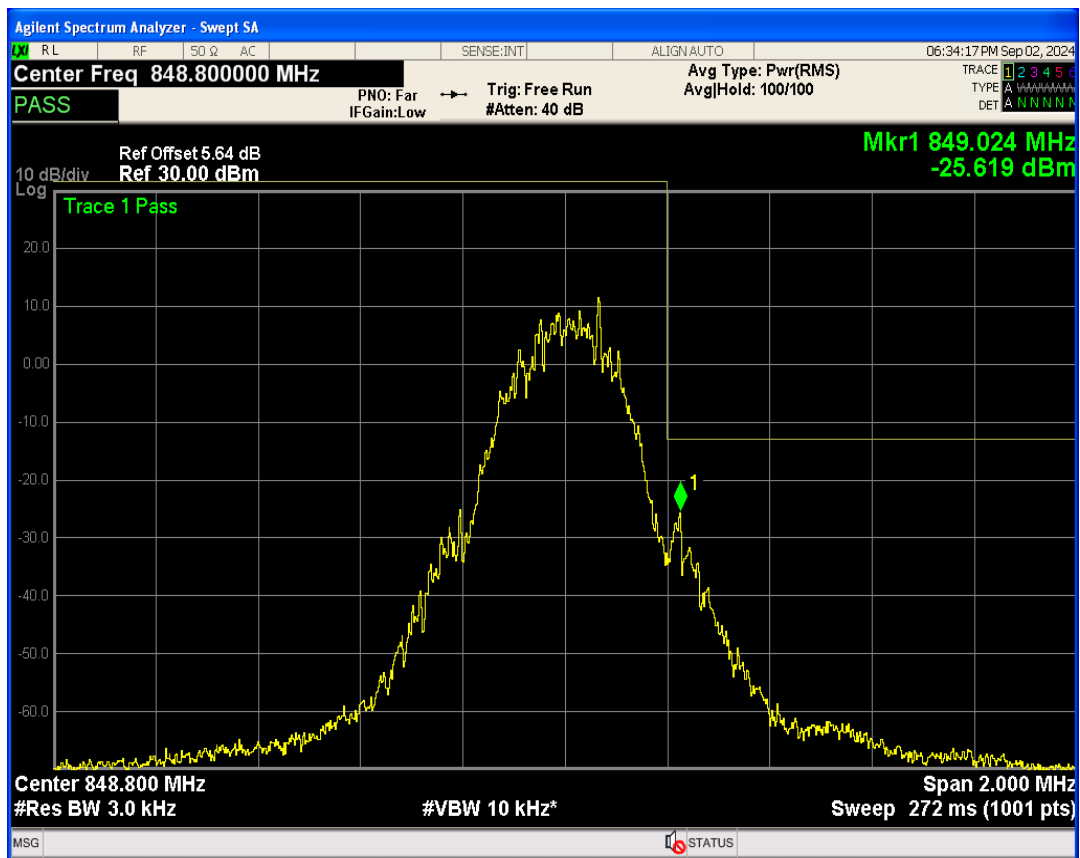
GSM1900 Channel=512



GSM850 Channel=128



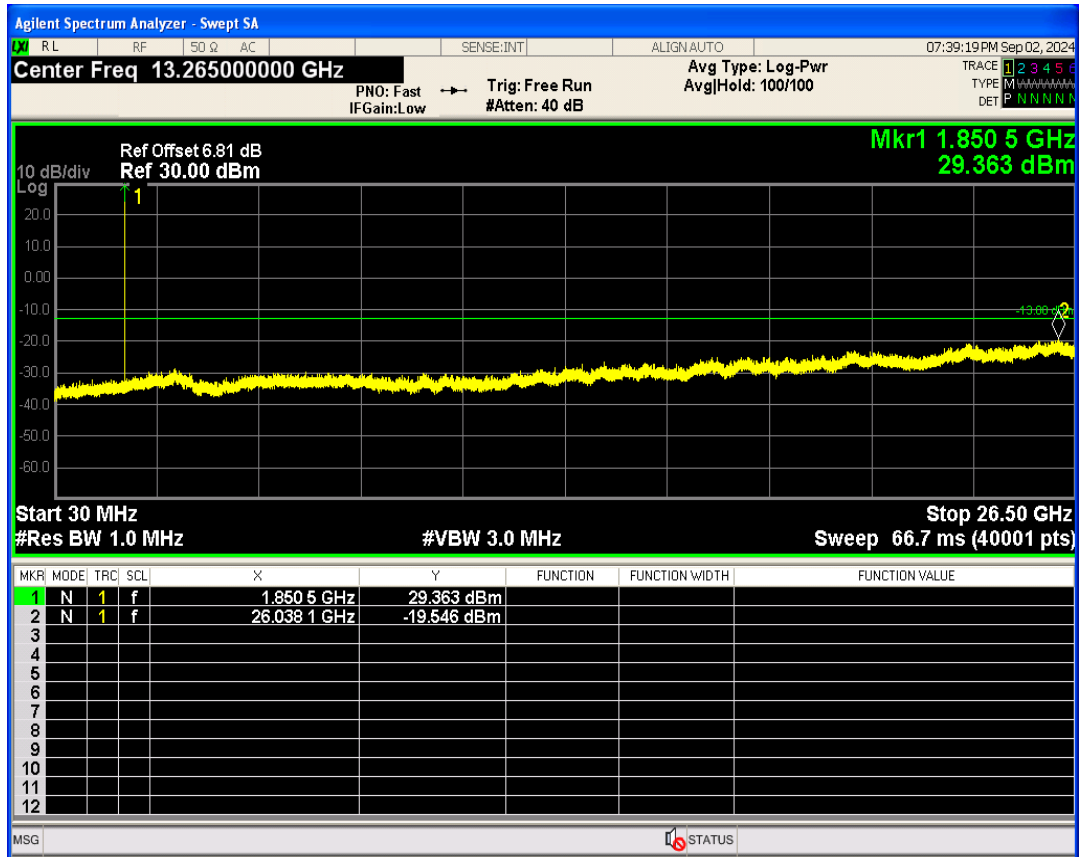
GSM850 Channel=251



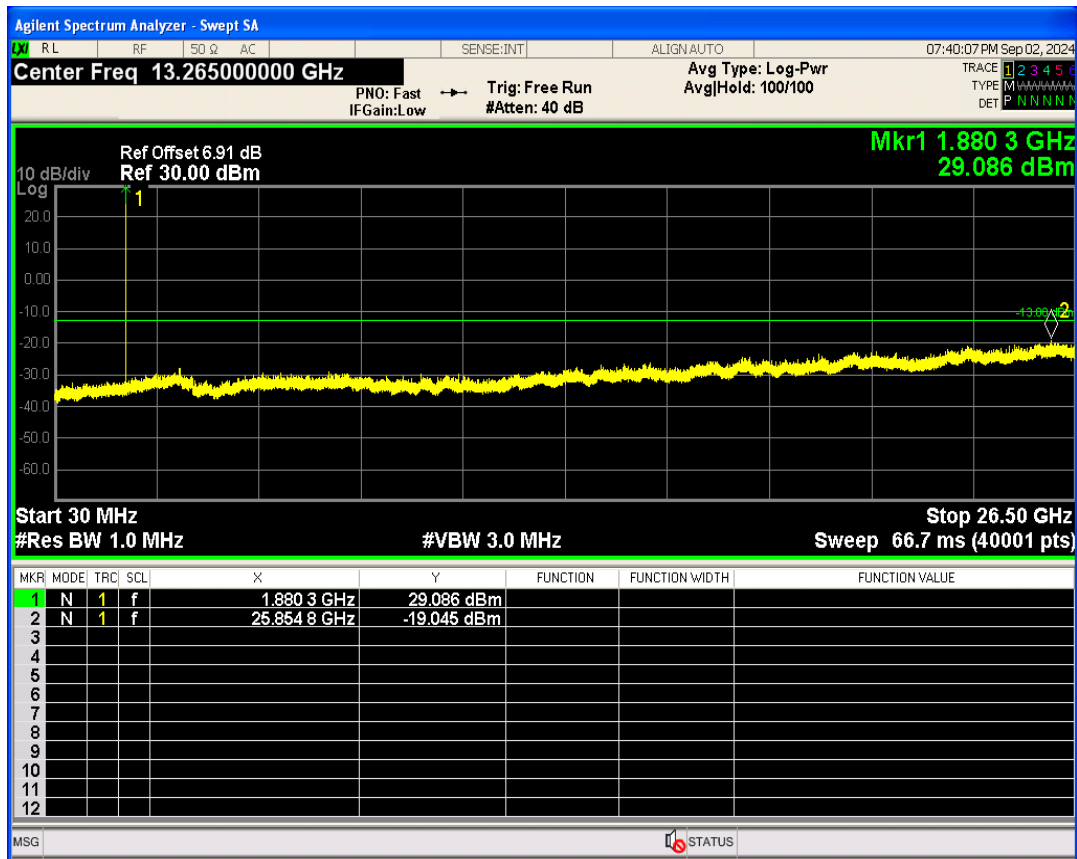
06 Out-of-band emissions

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
GSM1900	512	1850.2	26038.10	-19.54	-13	PASS
GSM1900	661	1880	25854.79	-19.04	-13	PASS
GSM1900	810	1909.8	26038.76	-18.79	-13	PASS
GSM850	128	824.2	26025.53	-19.97	-13	PASS
GSM850	189	836.4	25617.23	-20.83	-13	PASS
GSM850	251	848.8	25564.29	-20.29	-13	PASS

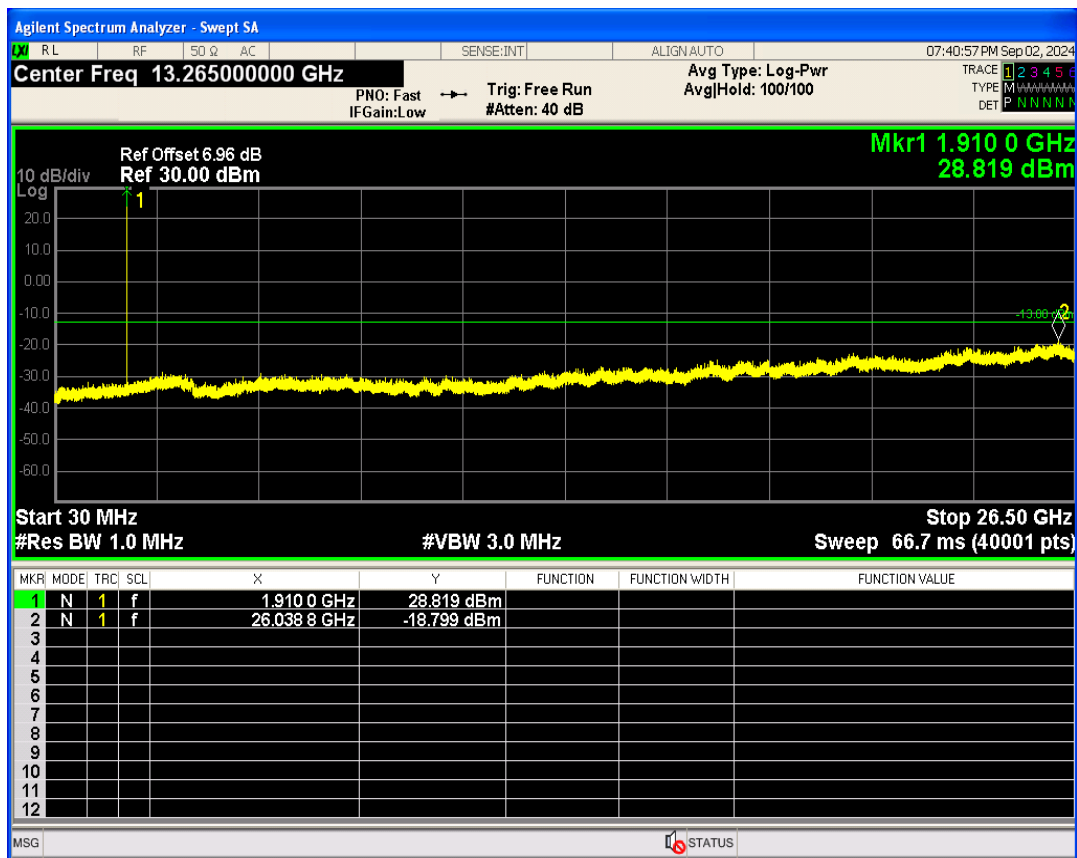
GSM1900 Channel=512



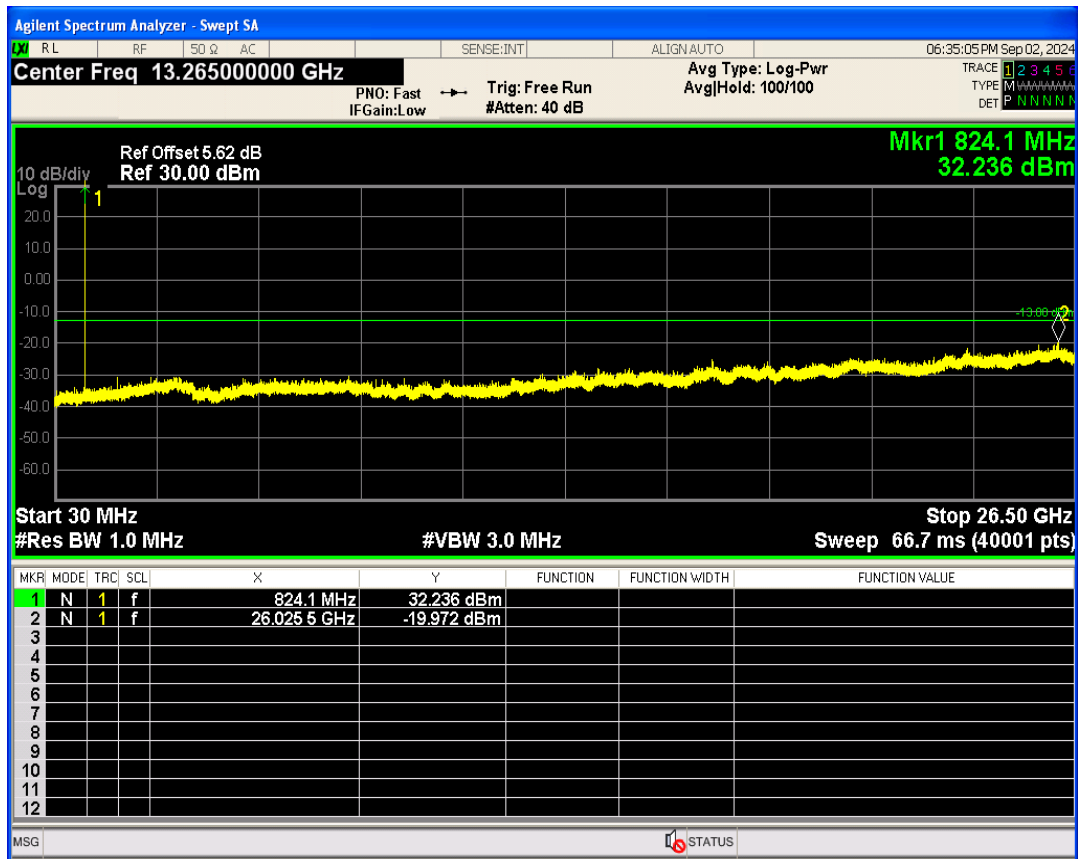
GSM1900 Channel=661



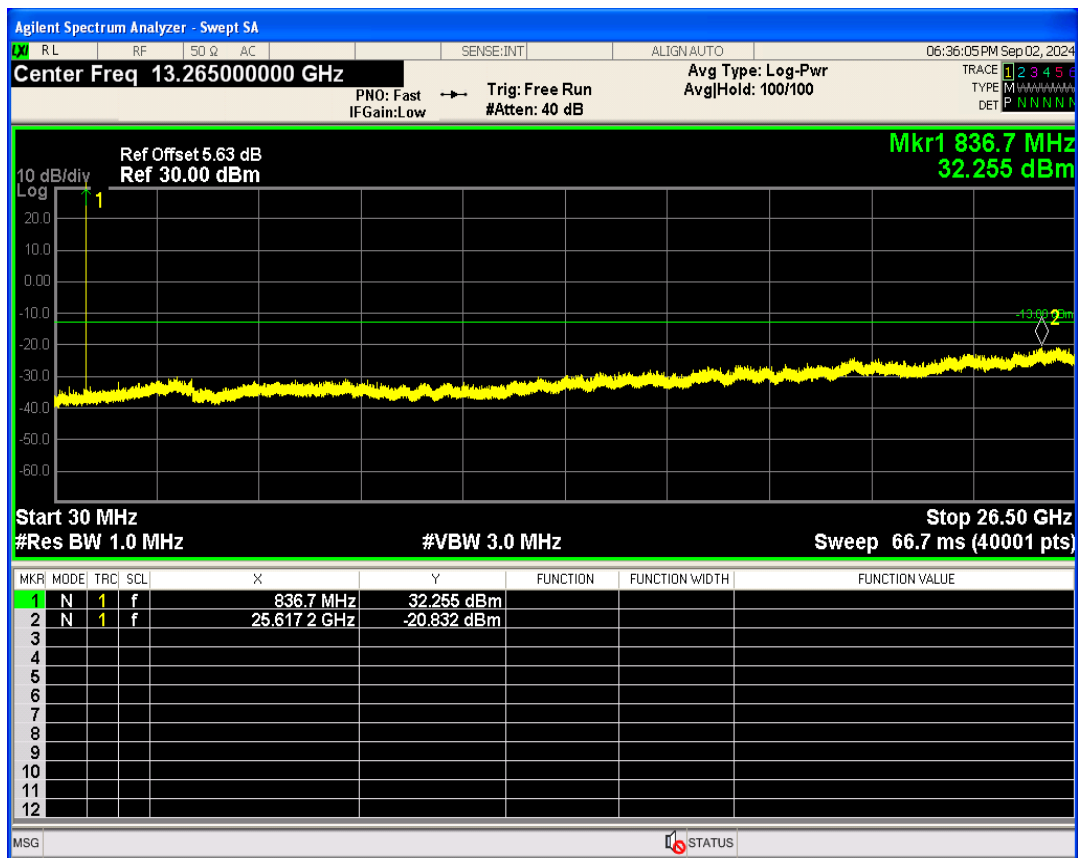
GSM1900 Channel=810



GSM850 Channel=128



GSM850 Channel=189



GSM850 Channel=251

