

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	25.12	0	25.12	37	PASS
EGPRS1900 1 Slot	661	1880	25.04	0	25.04	37	PASS
EGPRS1900 1 Slot	810	1909.8	24.33	0	24.33	37	PASS
EGPRS1900 2 Slot	512	1850.2	24.46	0	24.46	37	PASS
EGPRS1900 2 Slot	661	1880	24.35	0	24.35	37	PASS
EGPRS1900 2 Slot	810	1909.8	24.10	0	24.10	37	PASS
EGPRS1900 3 Slot	512	1850.2	22.87	0	22.87	37	PASS
EGPRS1900 3 Slot	661	1880	22.70	0	22.70	37	PASS
EGPRS1900 3 Slot	810	1909.8	22.08	0	22.08	37	PASS
EGPRS1900 4 Slot	512	1850.2	20.51	0	20.51	37	PASS
EGPRS1900 4 Slot	661	1880	20.24	0	20.24	37	PASS
EGPRS1900 4 Slot	810	1909.8	19.75	0	19.75	37	PASS
EGPRS850 1 Slot	128	824.2	25.52	0	23.37	37	PASS
EGPRS850 1 Slot	189	836.4	25.65	0	23.50	37	PASS
EGPRS850 1 Slot	251	848.8	25.31	0	23.16	37	PASS
EGPRS850 2 Slot	128	824.2	25.61	0	23.46	37	PASS
EGPRS850 2 Slot	189	836.4	25.05	0	22.90	37	PASS
EGPRS850 2 Slot	251	848.8	25.22	0	23.07	37	PASS
EGPRS850 3 Slot	128	824.2	23.80	0	21.65	37	PASS
EGPRS850 3 Slot	189	836.4	23.87	0	21.72	37	PASS
EGPRS850 3 Slot	251	848.8	23.81	0	21.66	37	PASS
EGPRS850 4 Slot	128	824.2	21.99	0	19.84	37	PASS
EGPRS850 4 Slot	189	836.4	21.71	0	19.56	37	PASS
EGPRS850 4 Slot	251	848.8	21.18	0	19.03	37	PASS
GPRS1900 1 Slot	512	1850.2	29.09	0	29.09	37	PASS
GPRS1900 1 Slot	661	1880	29.04	0	29.04	37	PASS
GPRS1900 1 Slot	810	1909.8	28.96	0	28.96	37	PASS
GPRS1900 2 Slot	512	1850.2	26.88	0	26.88	37	PASS

GPRS1900 2 Slot	661	1880	26.64	0	26.64	37	PASS
GPRS1900 2 Slot	810	1909.8	26.21	0	26.21	37	PASS
GPRS1900 3 Slot	512	1850.2	25.31	0	25.31	37	PASS
GPRS1900 3 Slot	661	1880	24.96	0	24.96	37	PASS
GPRS1900 3 Slot	810	1909.8	24.52	0	24.52	37	PASS
GPRS1900 4 Slot	512	1850.2	23.15	0	23.15	37	PASS
GPRS1900 4 Slot	661	1880	22.85	0	22.85	37	PASS
GPRS1900 4 Slot	810	1909.8	22.30	0	22.30	37	PASS
GPRS850 1 Slot	128	824.2	32.46	0	30.31	37	PASS
GPRS850 1 Slot	189	836.4	32.48	0	30.33	37	PASS
GPRS850 1 Slot	251	848.8	32.43	0	30.28	37	PASS
GPRS850 2 Slot	128	824.2	30.54	0	28.39	37	PASS
GPRS850 2 Slot	189	836.4	30.45	0	28.30	37	PASS
GPRS850 2 Slot	251	848.8	30.22	0	28.07	37	PASS
GPRS850 3 Slot	128	824.2	28.54	0	26.39	37	PASS
GPRS850 3 Slot	189	836.4	28.54	0	26.39	37	PASS
GPRS850 3 Slot	251	848.8	28.27	0	26.12	37	PASS
GPRS850 4 Slot	128	824.2	26.47	0	24.32	37	PASS
GPRS850 4 Slot	189	836.4	26.37	0	24.22	37	PASS
GPRS850 4 Slot	251	848.8	26.13	0	23.98	37	PASS
GSM1900	512	1850.2	29.27	0	29.27	37	PASS
GSM1900	661	1880	29.20	0	29.20	37	PASS
GSM1900	810	1909.8	29.13	0	29.13	37	PASS
GSM850	128	824.2	32.45	0	30.30	37	PASS
GSM850	189	836.4	32.31	0	30.16	37	PASS
GSM850	251	848.8	32.22	0	30.07	37	PASS

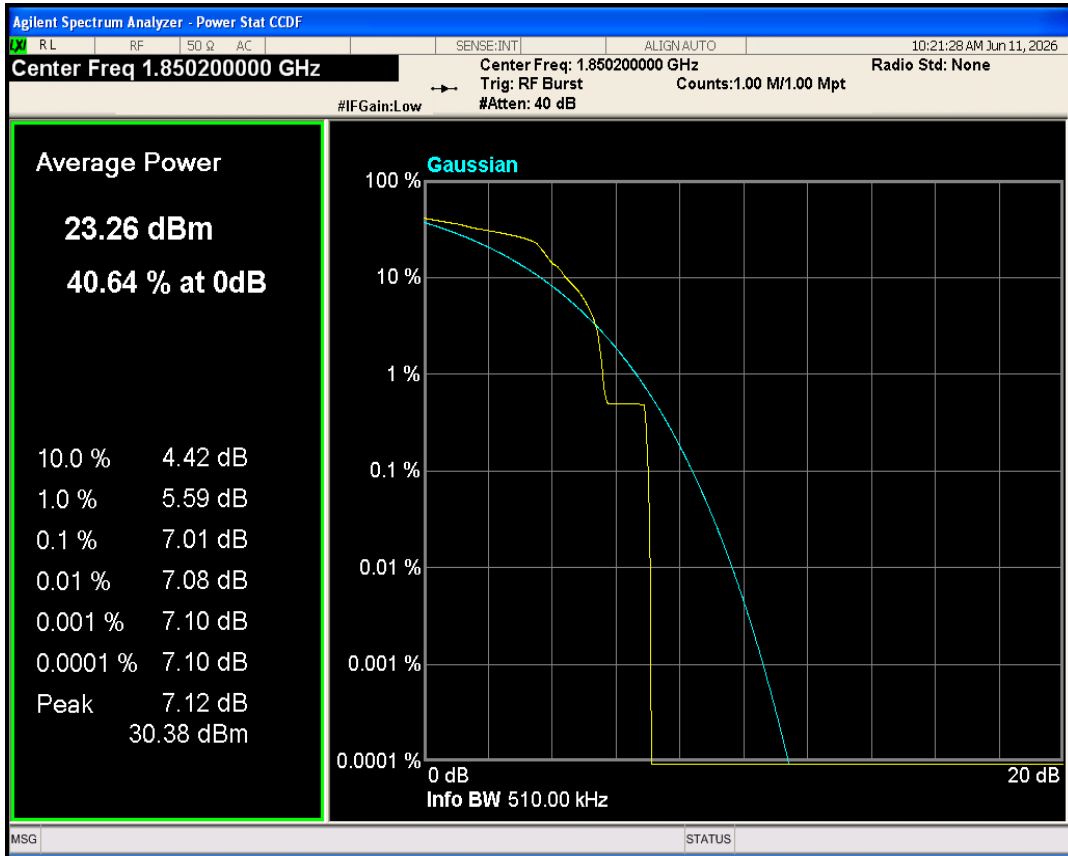
14 Frequency stability

Band	Channel	Frequency (MHz)	Result(Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
EGPRS1900	661	1880	8.297463	0.00	-2.500	2.5	PASS
EGPRS850	189	836.4	17.27293	0.02	-2.500	2.5	PASS

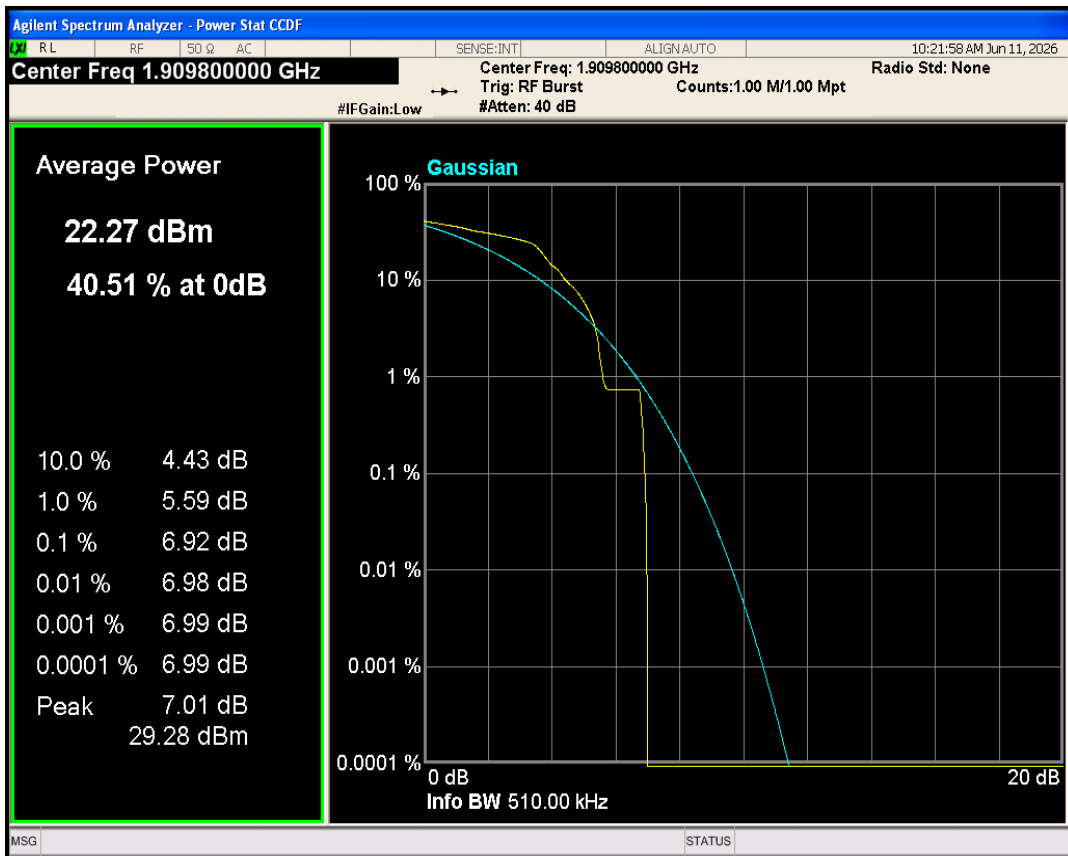
15 Peak-to-Average Ratio

Band	Channel	Frequency (MHz)	Result (dB)	high Limit (dB)	Verdict
EGPRS1900	512	1850.2	7.01	13	PASS
EGPRS1900	661	1880	6.95	13	PASS
EGPRS1900	810	1909.8	6.92	13	PASS
EGPRS850	128	824.2	9.04	13	PASS
EGPRS850	189	836.4	9.05	13	PASS
EGPRS850	251	848.8	9.07	13	PASS

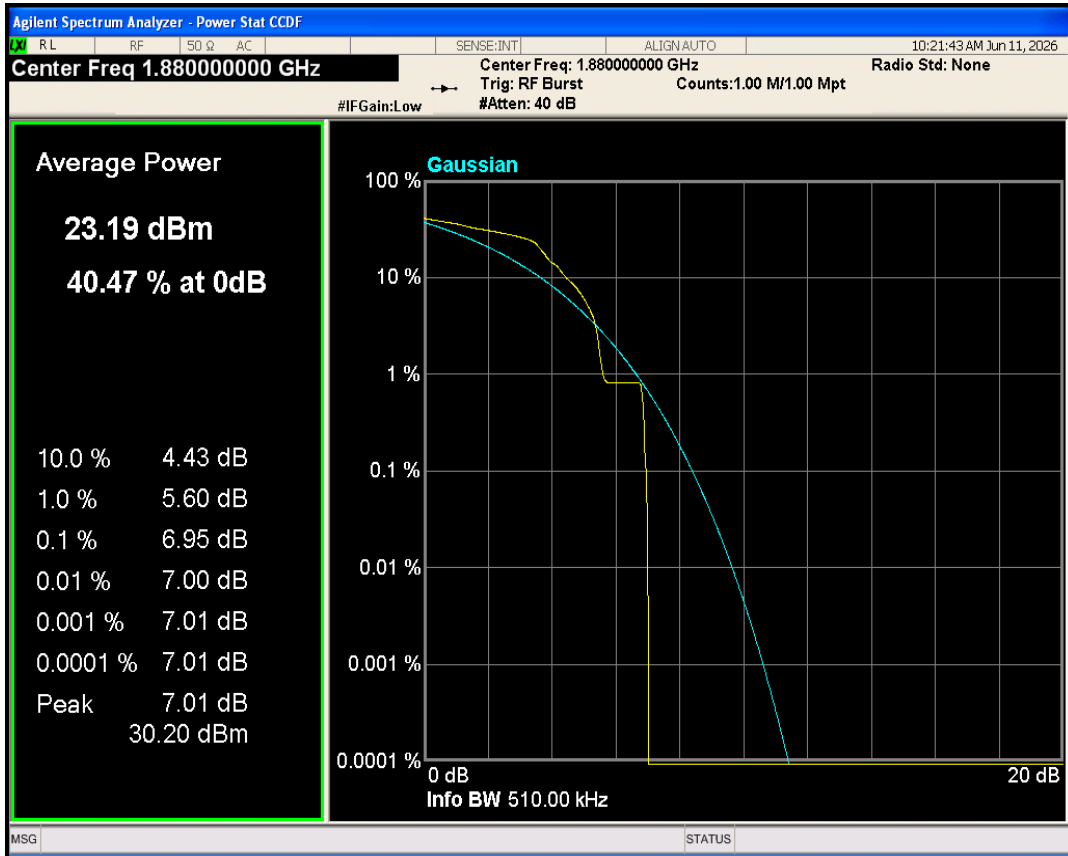
EGPRS1900 Channel=512



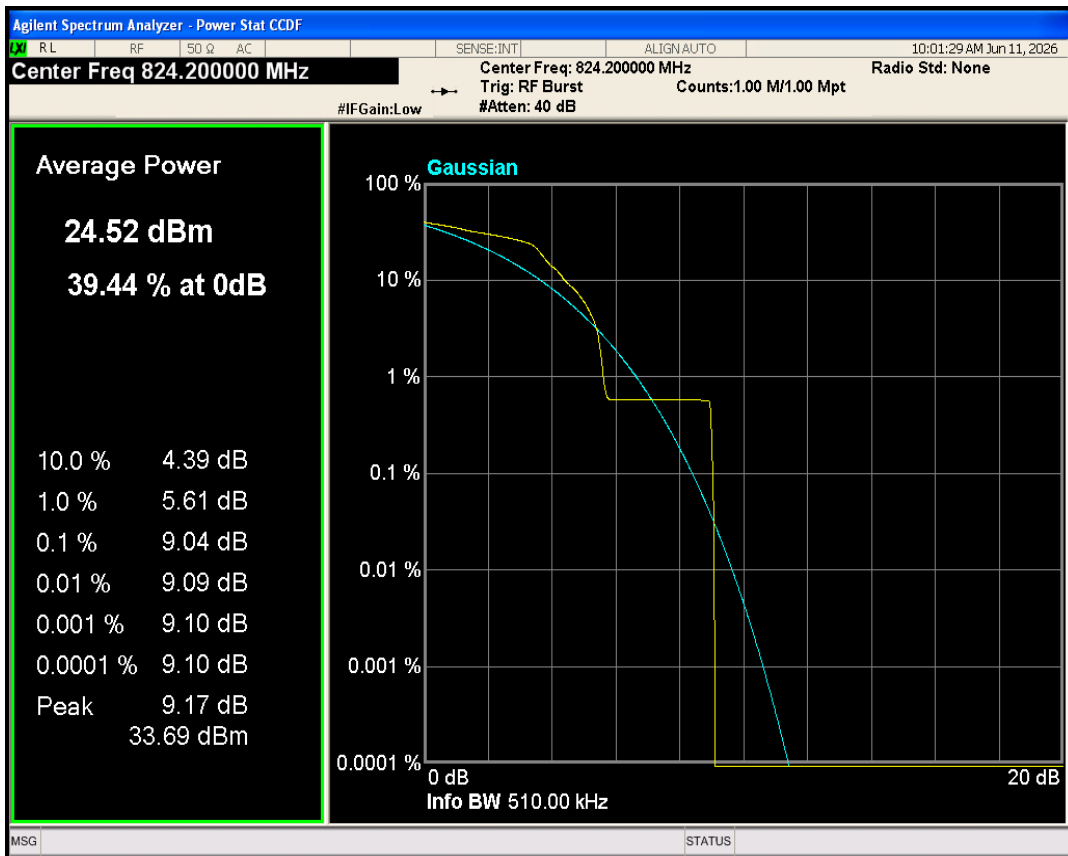
EGPRS1900 Channel=810



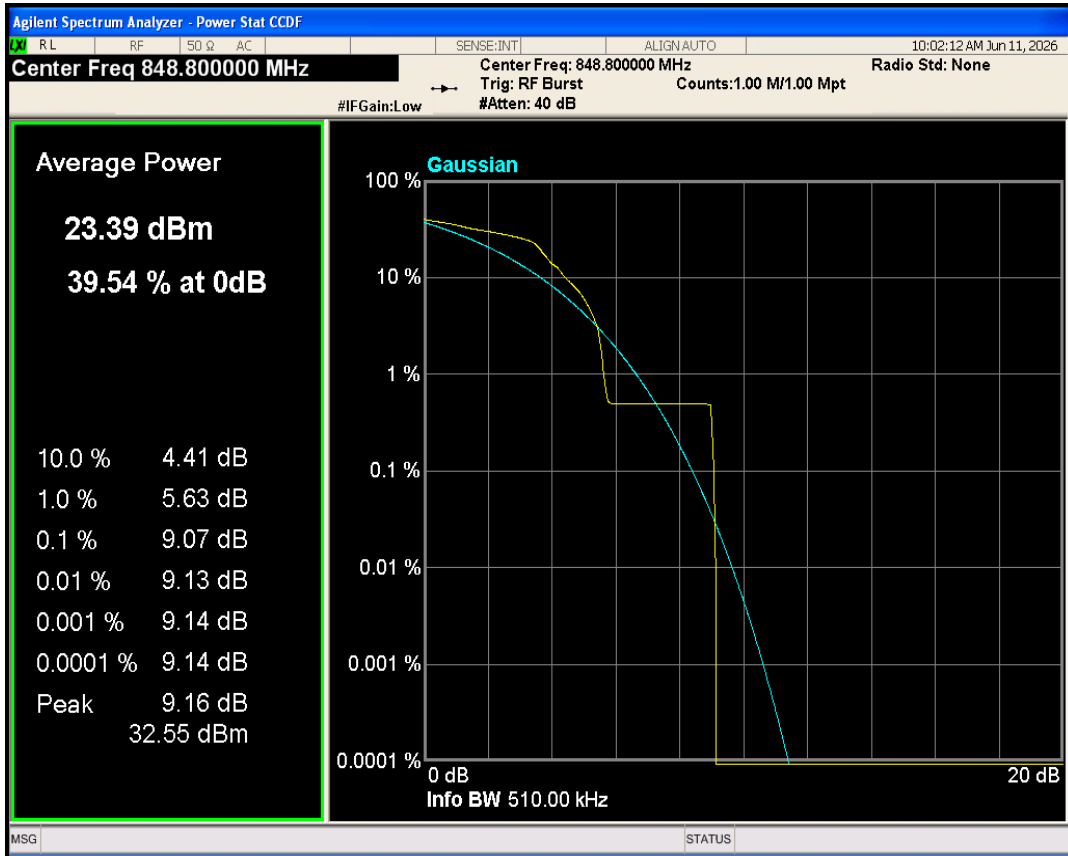
EGPRS1900 Channel=661



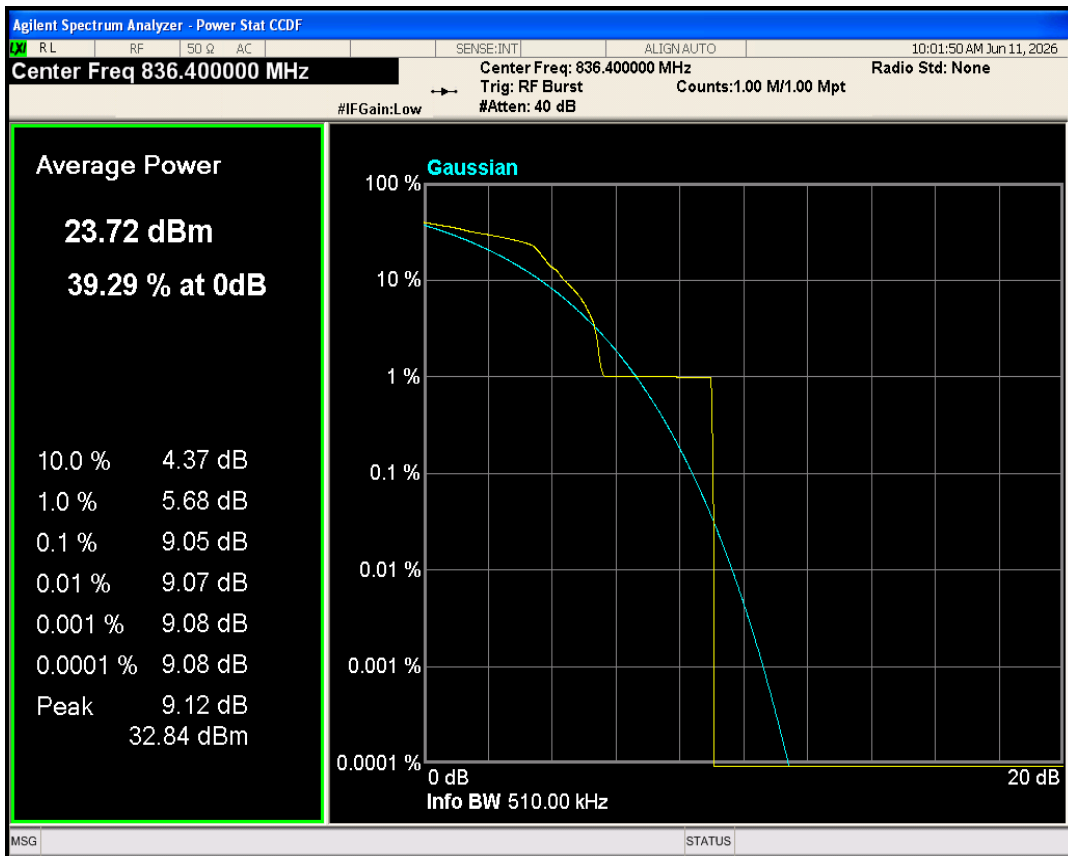
EGPRS850 Channel=128



EGPRS850 Channel=251



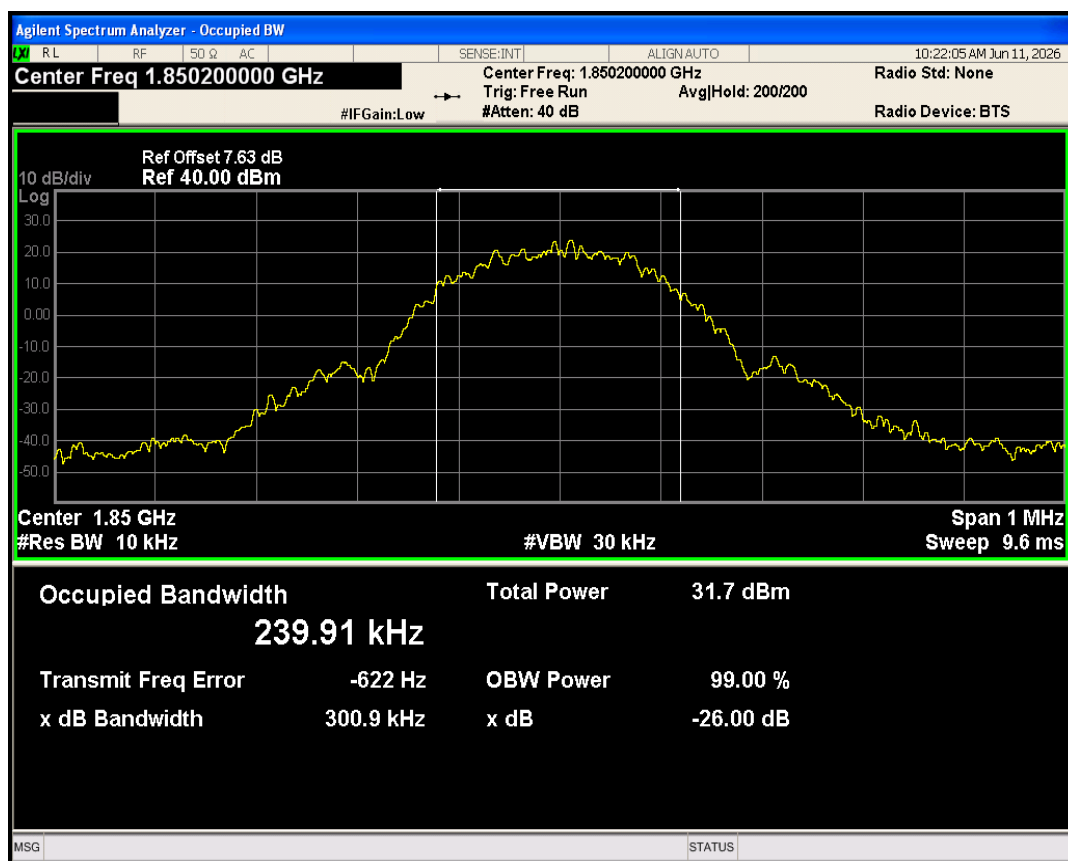
EGPRS850 Channel=189



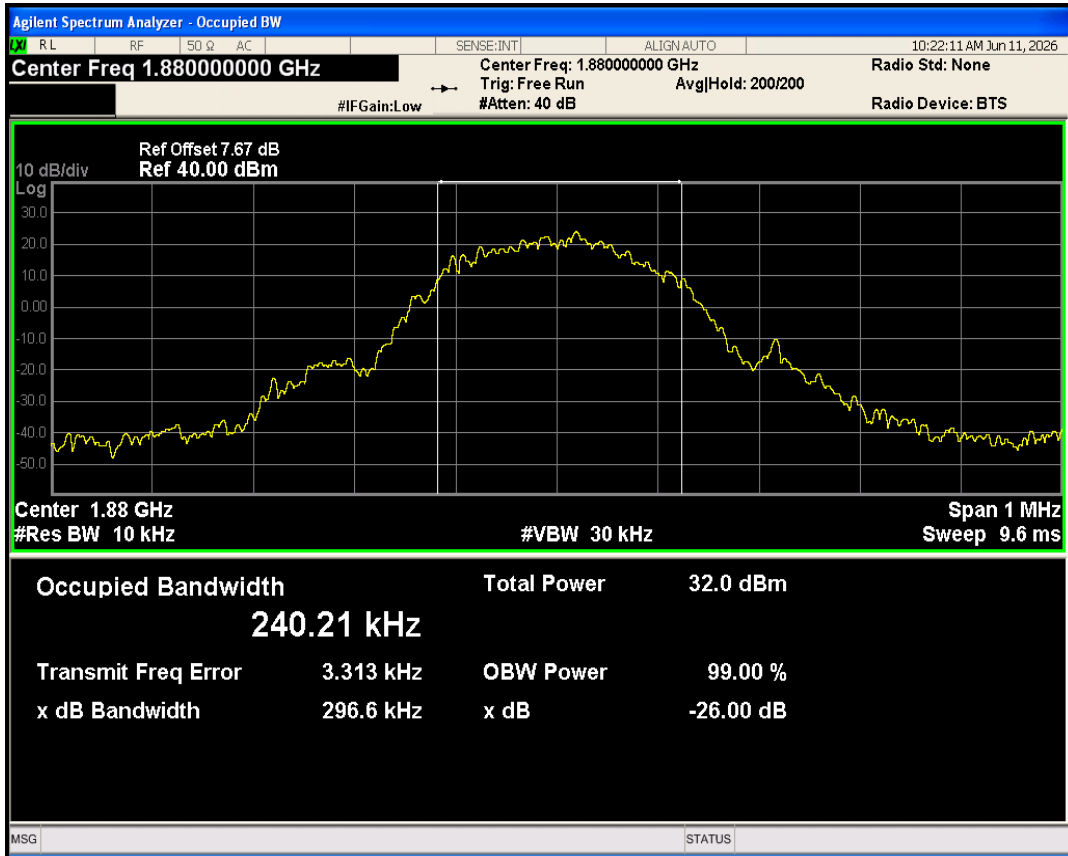
16 Occupied bandwidth

Band	Channel	Frequency (MHz)	99% OBW (kHz)	-26dB EBW (kHz)	Verdict
EGPRS1900	512	1850.2	239.911	300.853	PASS
EGPRS1900	661	1880	240.208	296.574	PASS
EGPRS1900	810	1909.8	238.959	307.321	PASS
EGPRS850	128	824.2	240.052	304.479	PASS
EGPRS850	189	836.4	240.478	299.568	PASS
EGPRS850	251	848.8	234.070	317.173	PASS

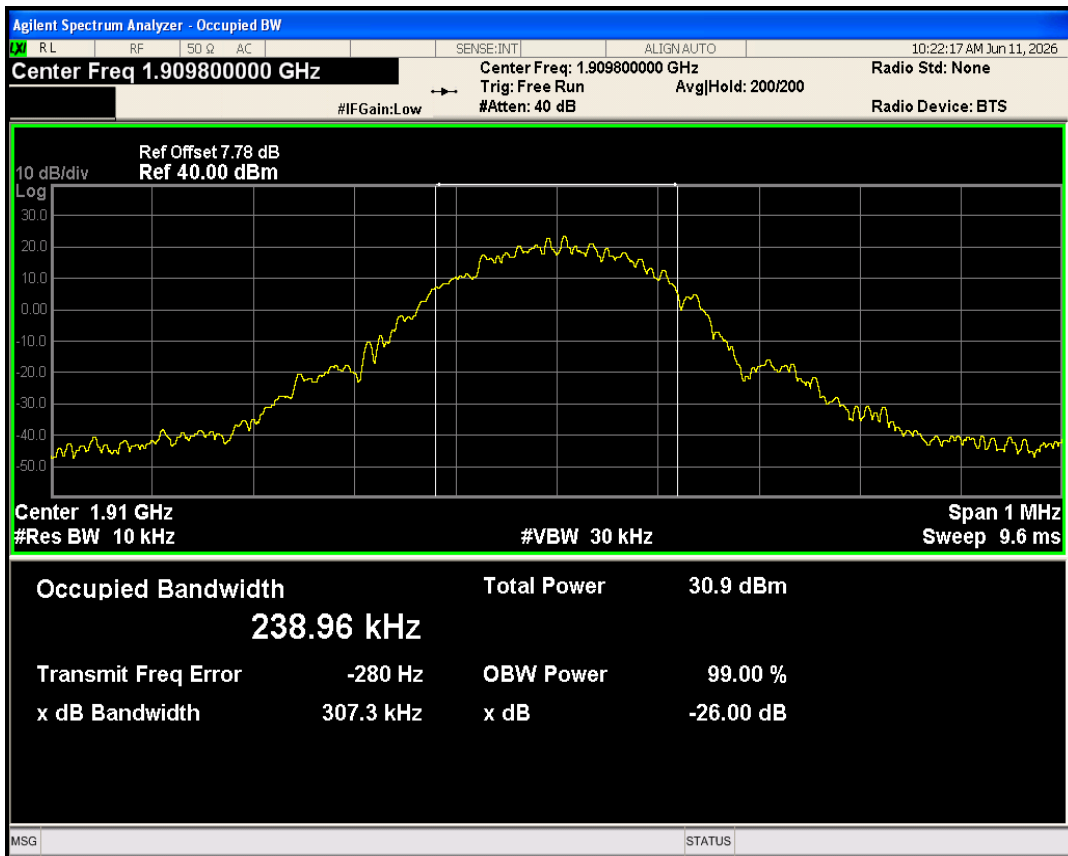
EGPRS1900 Channel=512



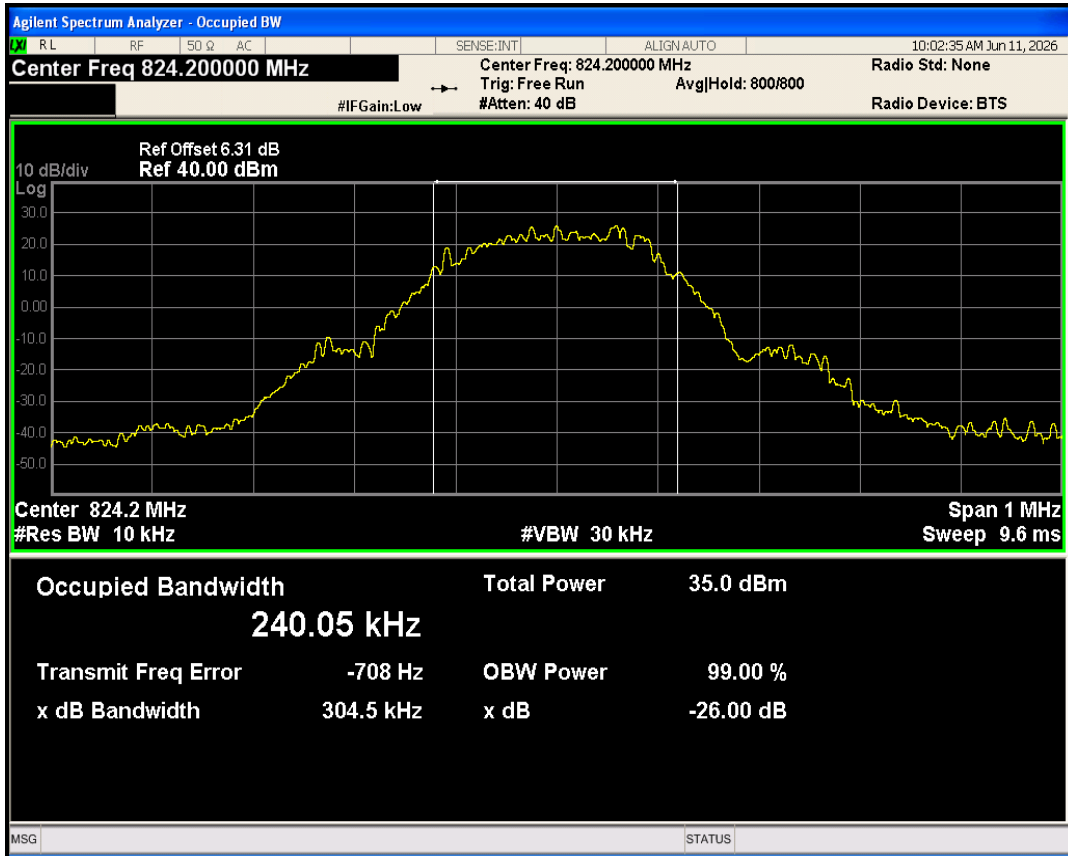
EGPRS1900 Channel=661



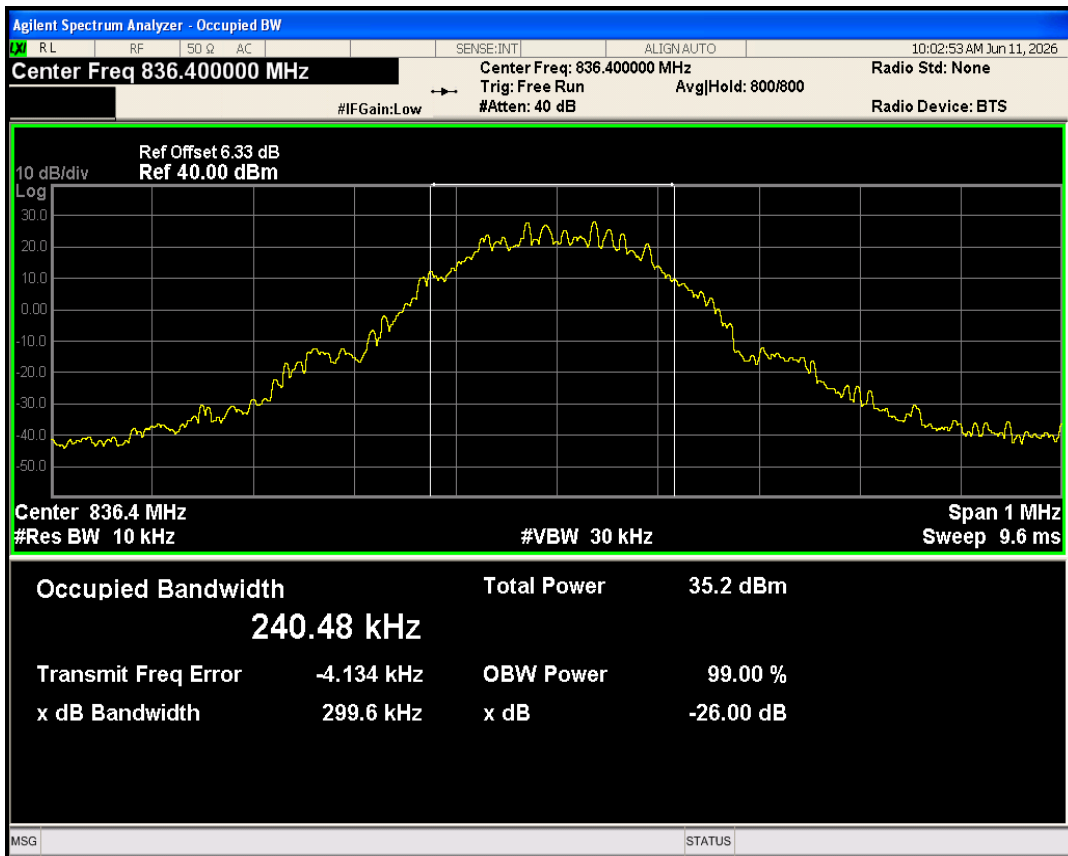
EGPRS1900 Channel=810



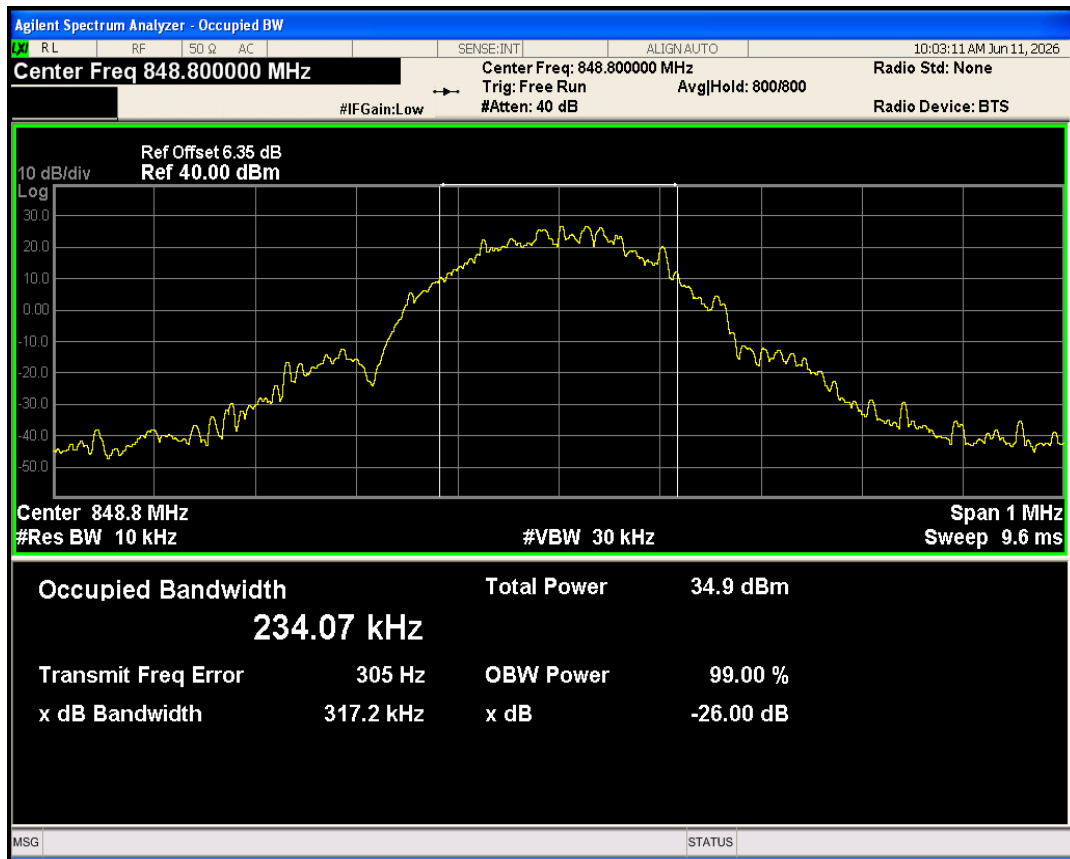
EGPRS850 Channel=128



EGPRS850 Channel=189



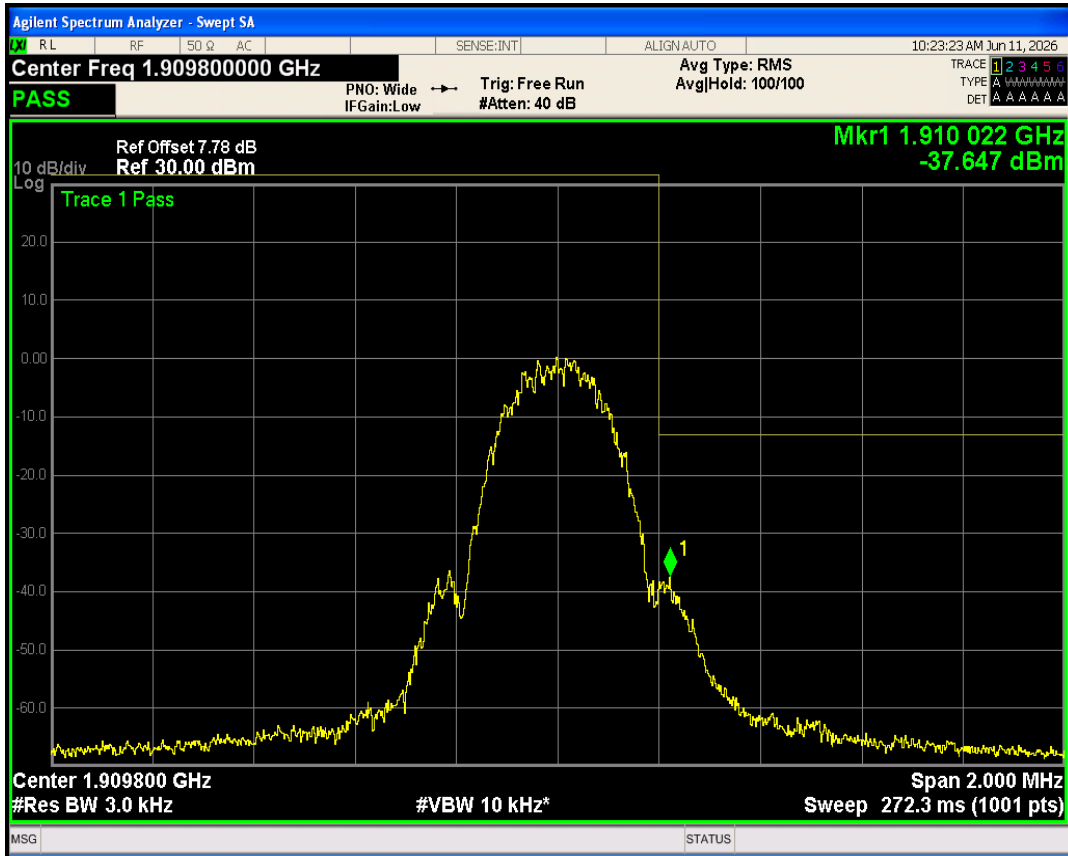
EGPRS850 Channel=251



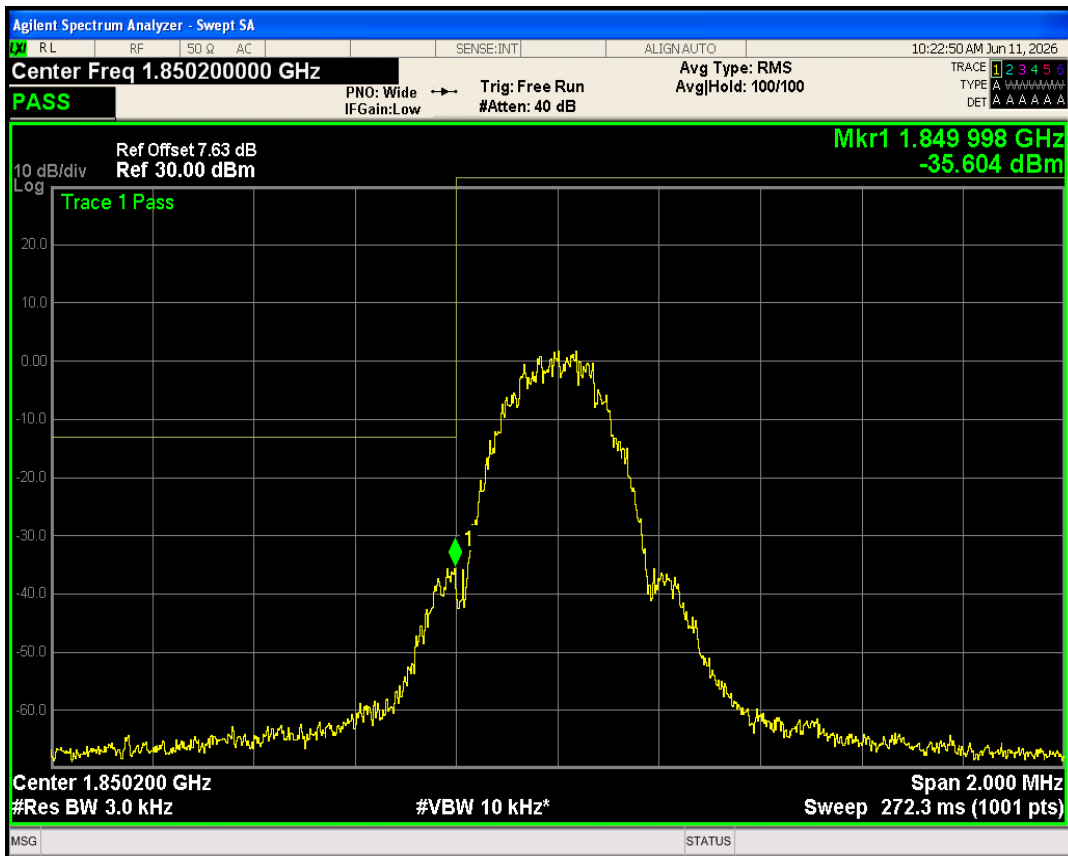
17 Band edge

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
EGPRS1900	512	1850.2	1850.00	-35.60	-13	PASS
EGPRS1900	810	1909.8	1910.02	-37.64	-13	PASS
EGPRS850	128	824.2	823.99	-34.28	-13	PASS
EGPRS850	251	848.8	849.02	-34.47	-13	PASS

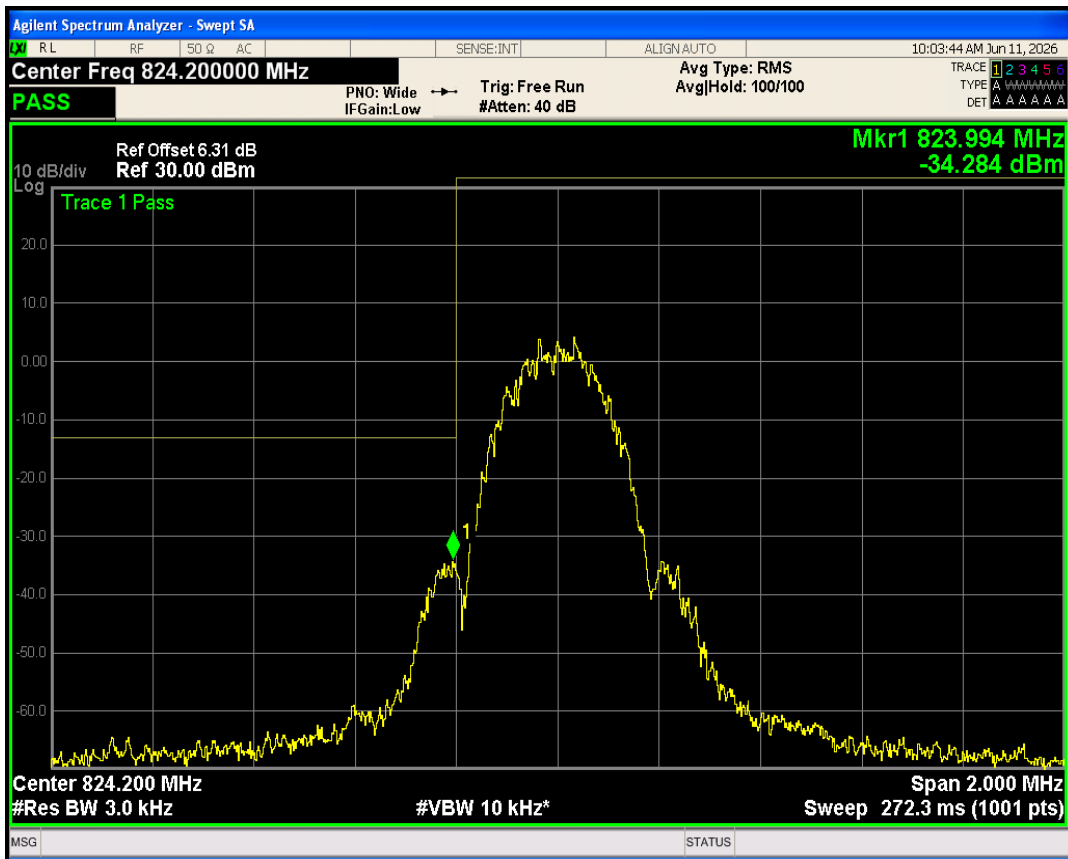
EGPRS1900 Channel=810



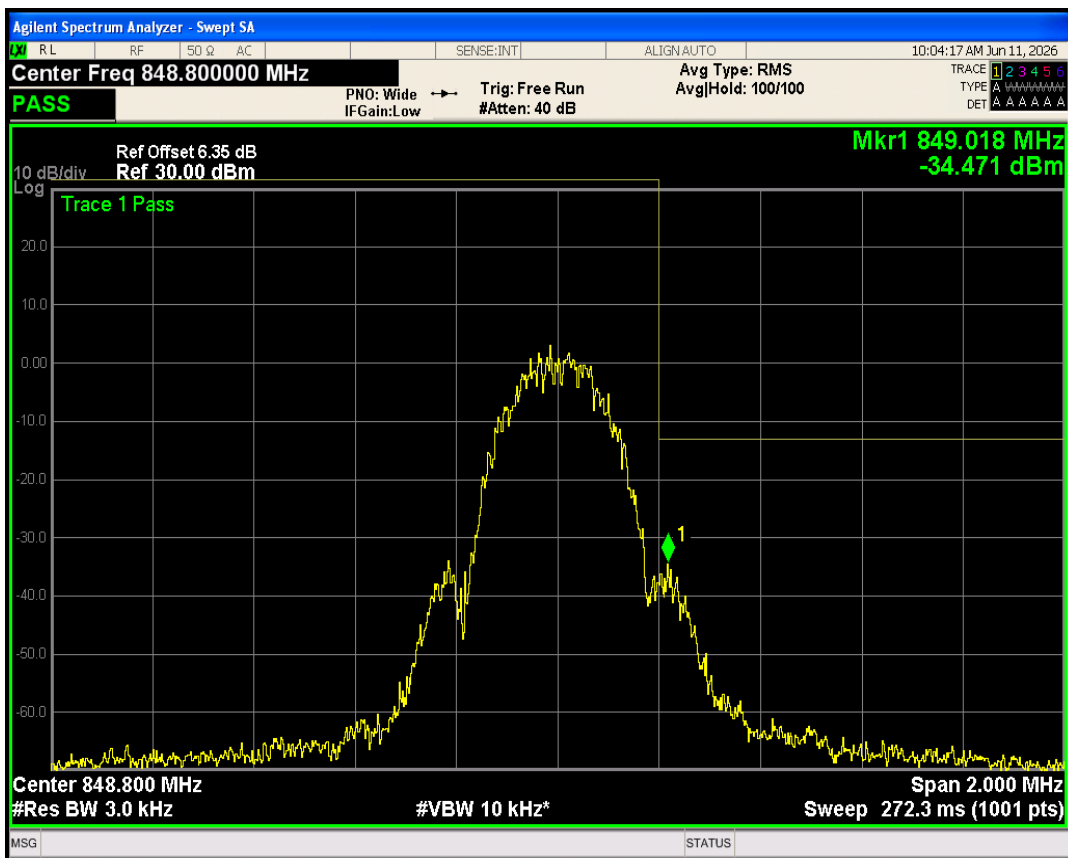
EGPRS1900 Channel=512



EGPRS850 Channel=128



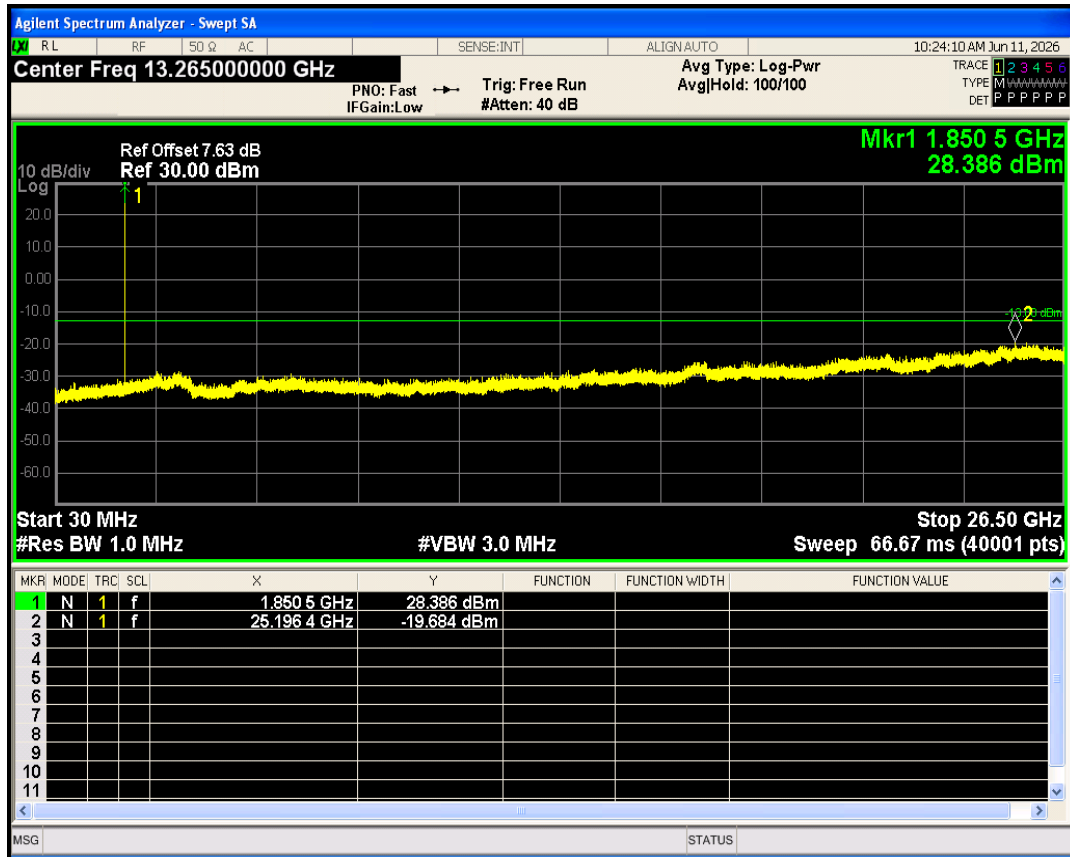
EGPRS850 Channel=251



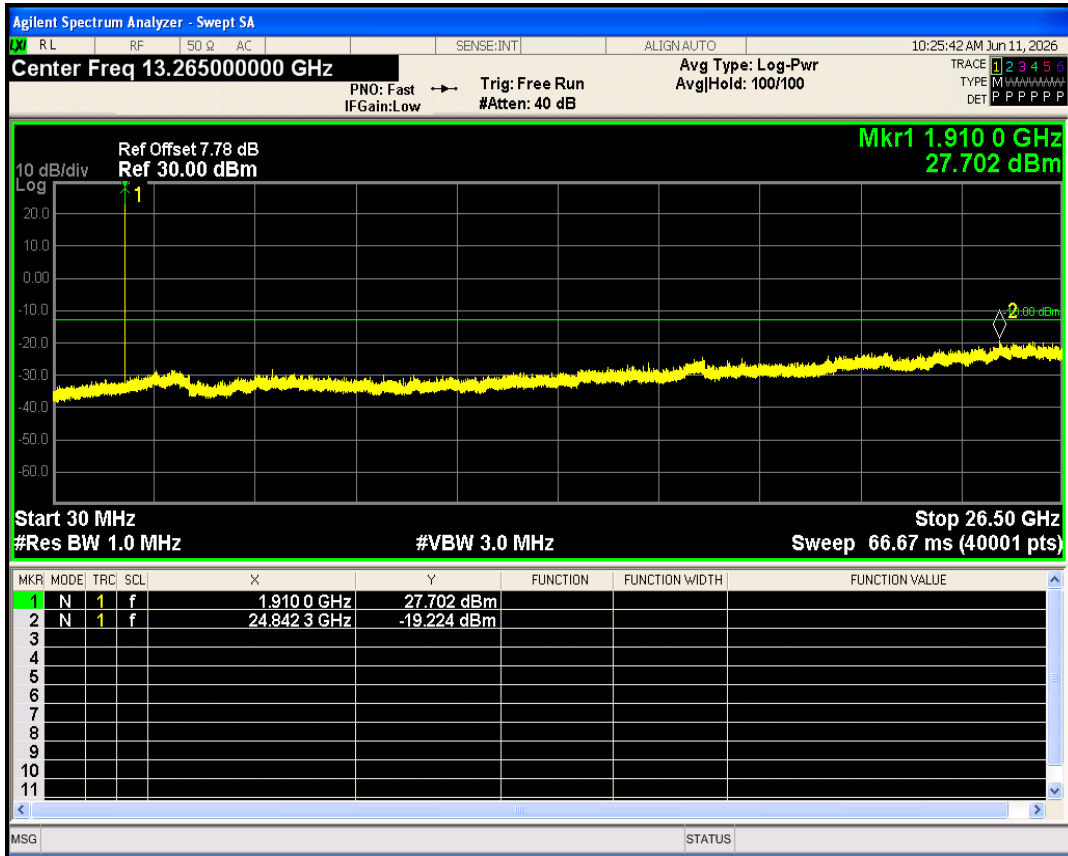
18 Out-of-band emissions

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
EGPRS1900	512	1850.2	25196.35	-19.68	-13	PASS
EGPRS1900	661	1880	26020.89	-19.76	-13	PASS
EGPRS1900	810	1909.8	24842.32	-19.22	-13	PASS
EGPRS850	128	824.2	24855.55	-21.27	-13	PASS
EGPRS850	189	836.4	25731.05	-21.38	-13	PASS
EGPRS850	251	848.8	25865.38	-20.25	-13	PASS

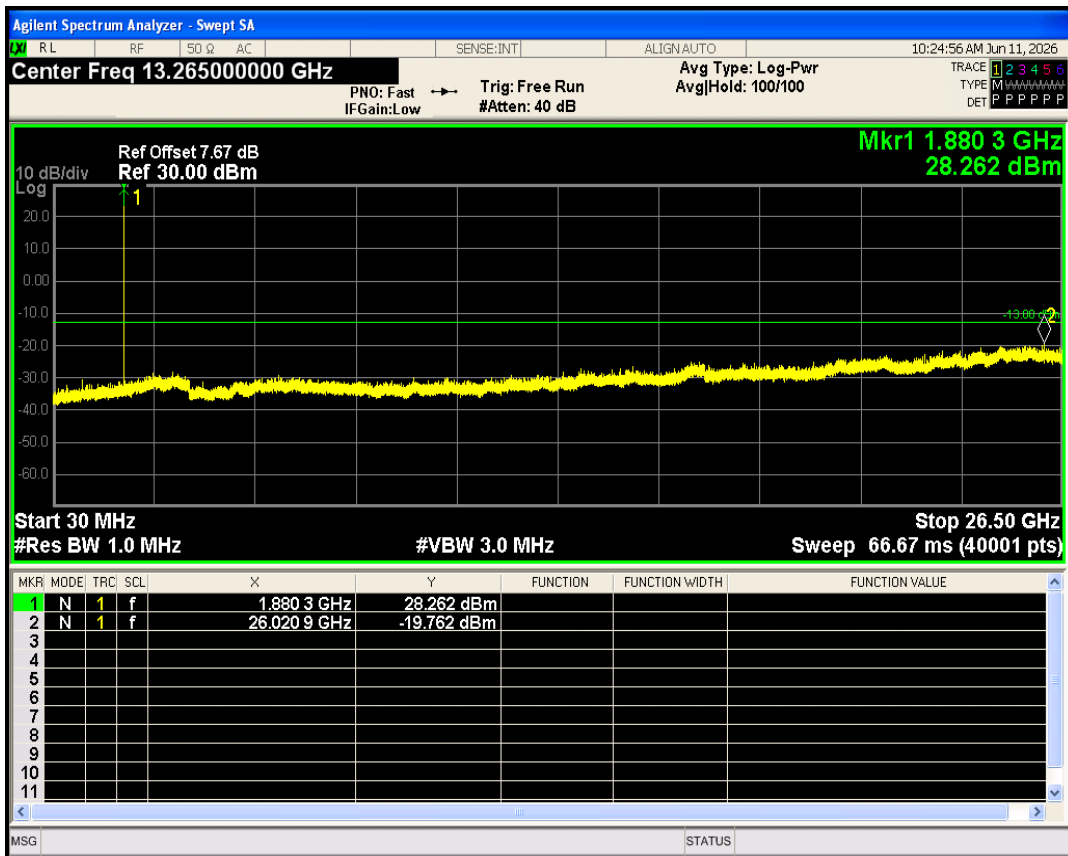
EGPRS1900 Channel=512



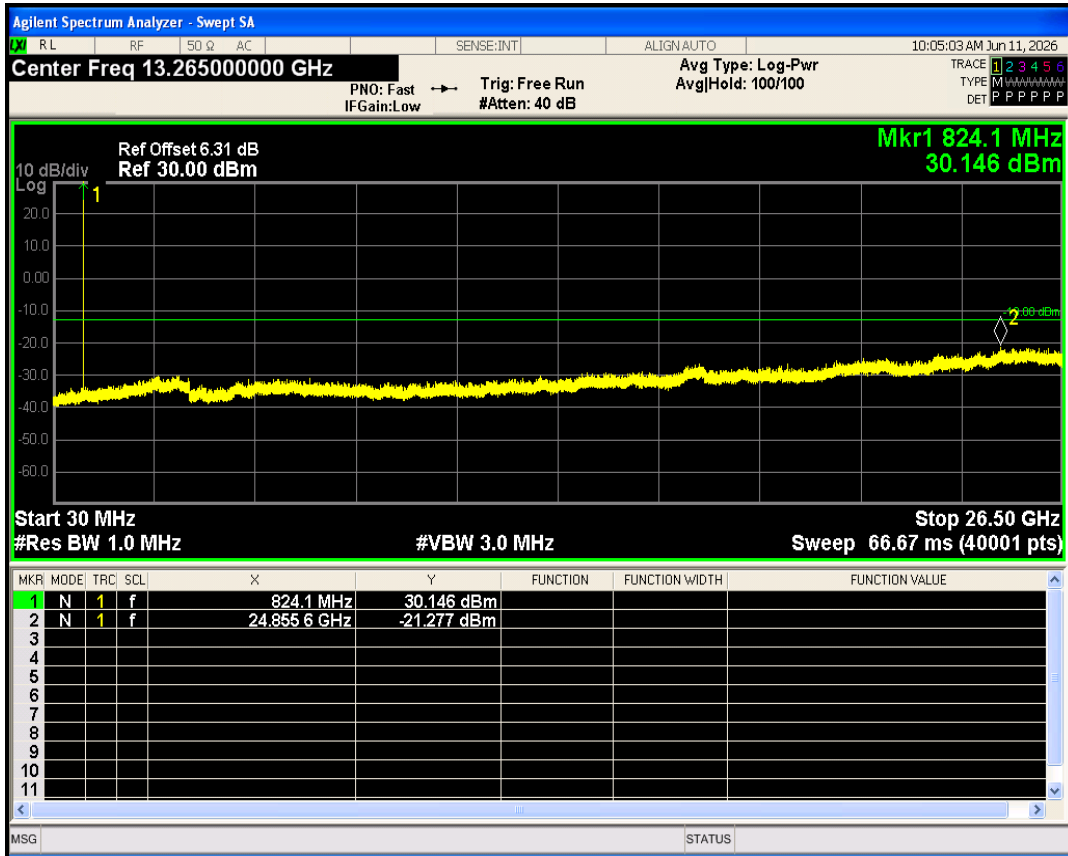
EGPRS1900 Channel=810



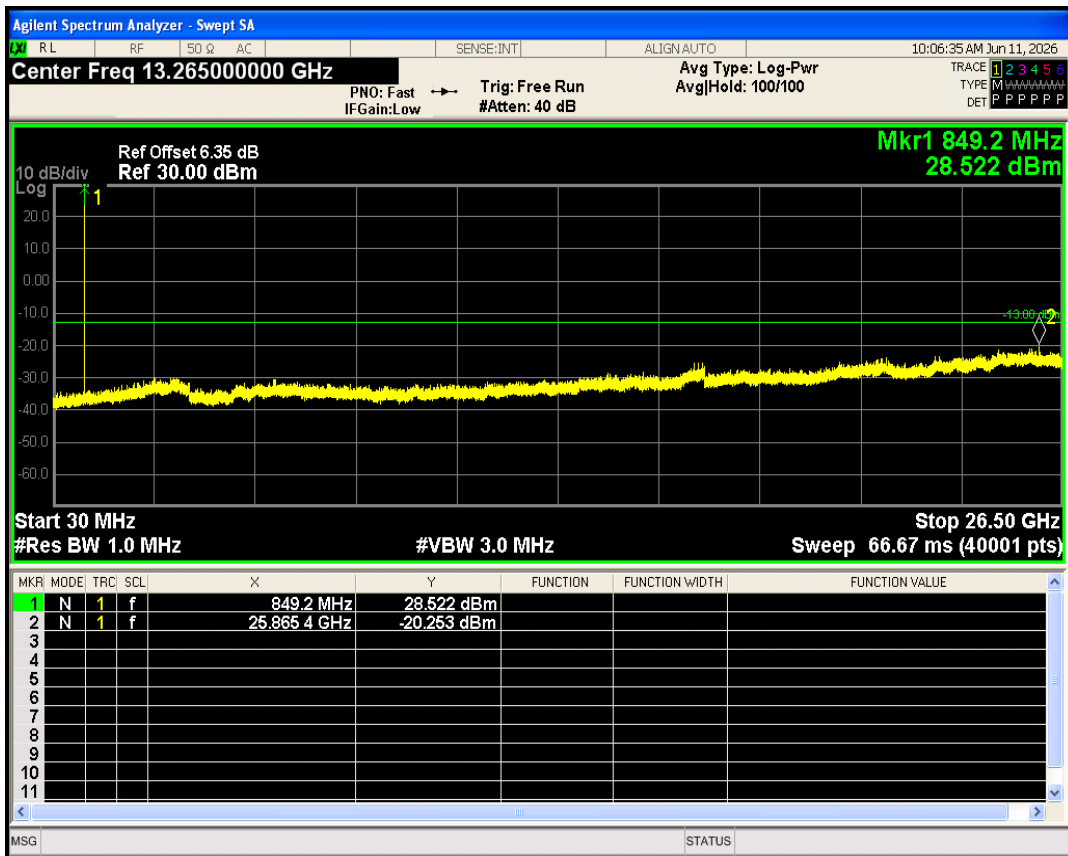
EGPRS1900 Channel=661



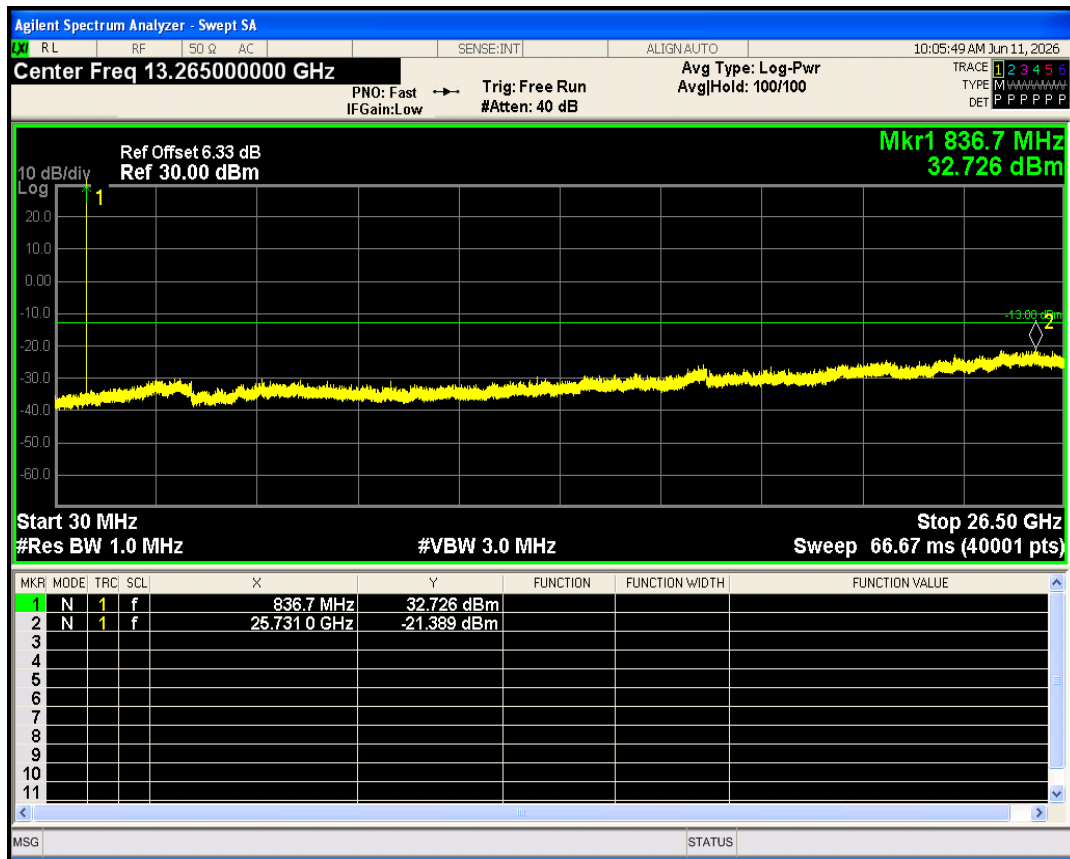
EGPRS850 Channel=128



EGPRS850 Channel=251



EGPRS850 Channel=189



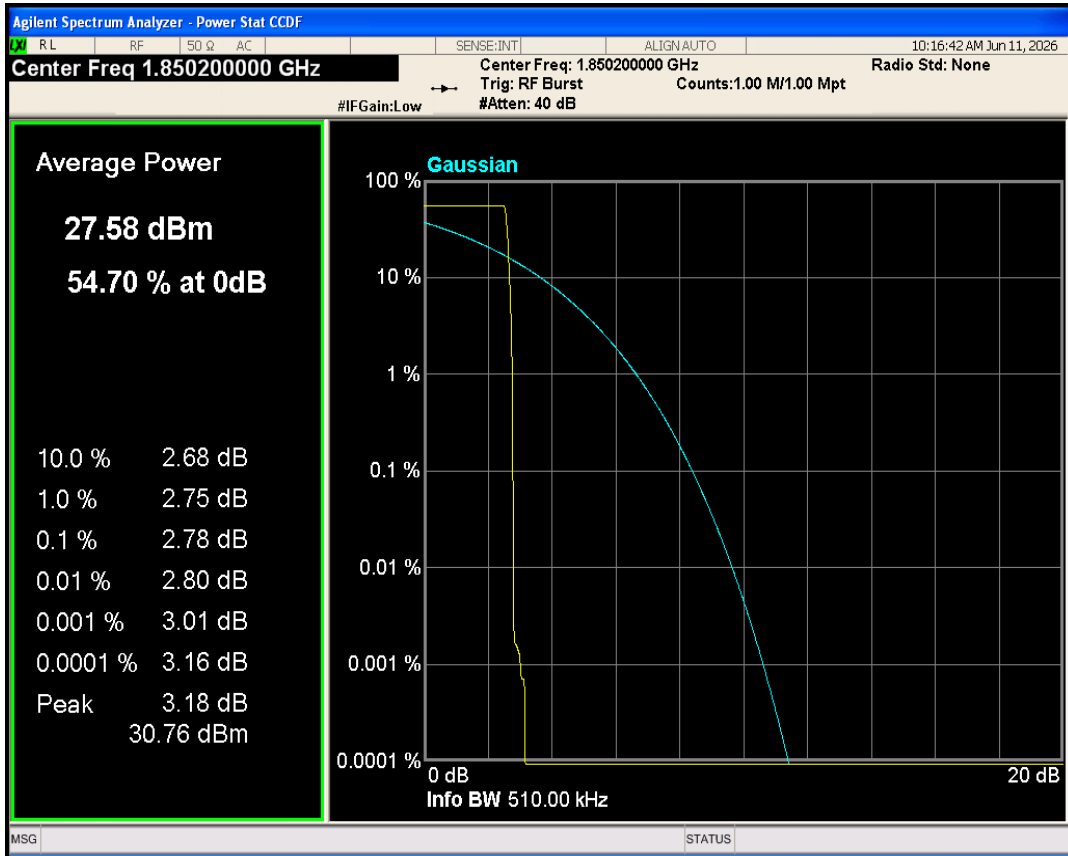
08 Frequency stability

Band	Channel	Frequency (MHz)	Result(Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
GPRS1900	661	1880	3.80973	0.00	-2.500	2.5	PASS
GPRS850	189	836.4	-3.260871	0.00	-2.500	2.5	PASS

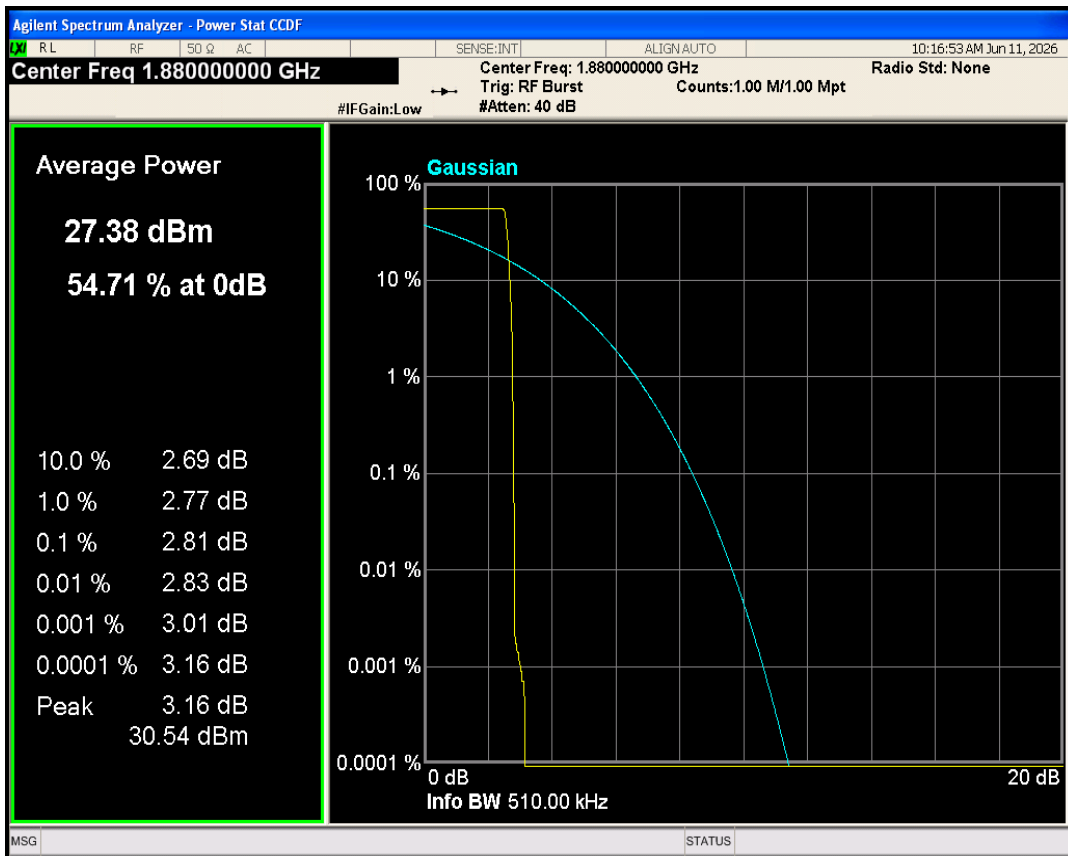
09 Peak-to-Average Ratio

Band	Channel	Frequency (MHz)	Result (dB)	high Limit (dB)	Verdict
GPRS1900	512	1850.2	2.78	13	PASS
GPRS1900	661	1880	2.81	13	PASS
GPRS1900	810	1909.8	2.86	13	PASS
GPRS850	128	824.2	2.70	13	PASS
GPRS850	189	836.4	2.65	13	PASS
GPRS850	251	848.8	2.74	13	PASS

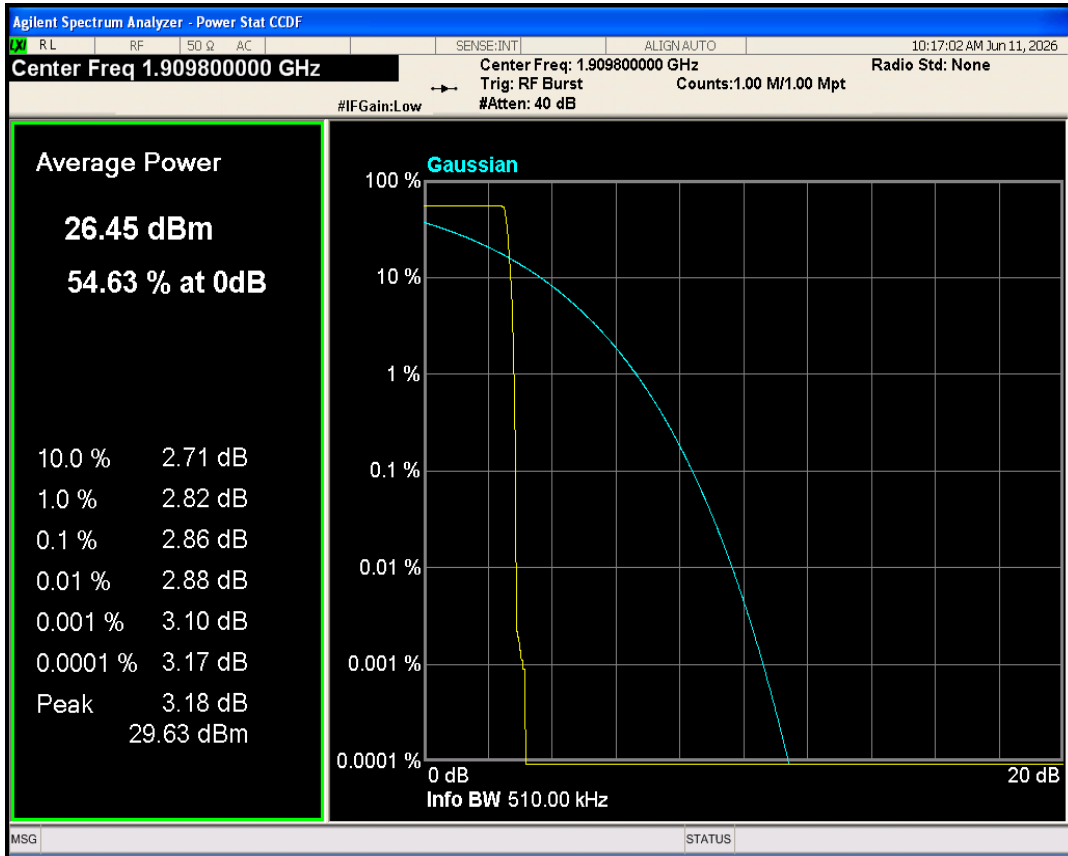
GPRS1900 Channel=512



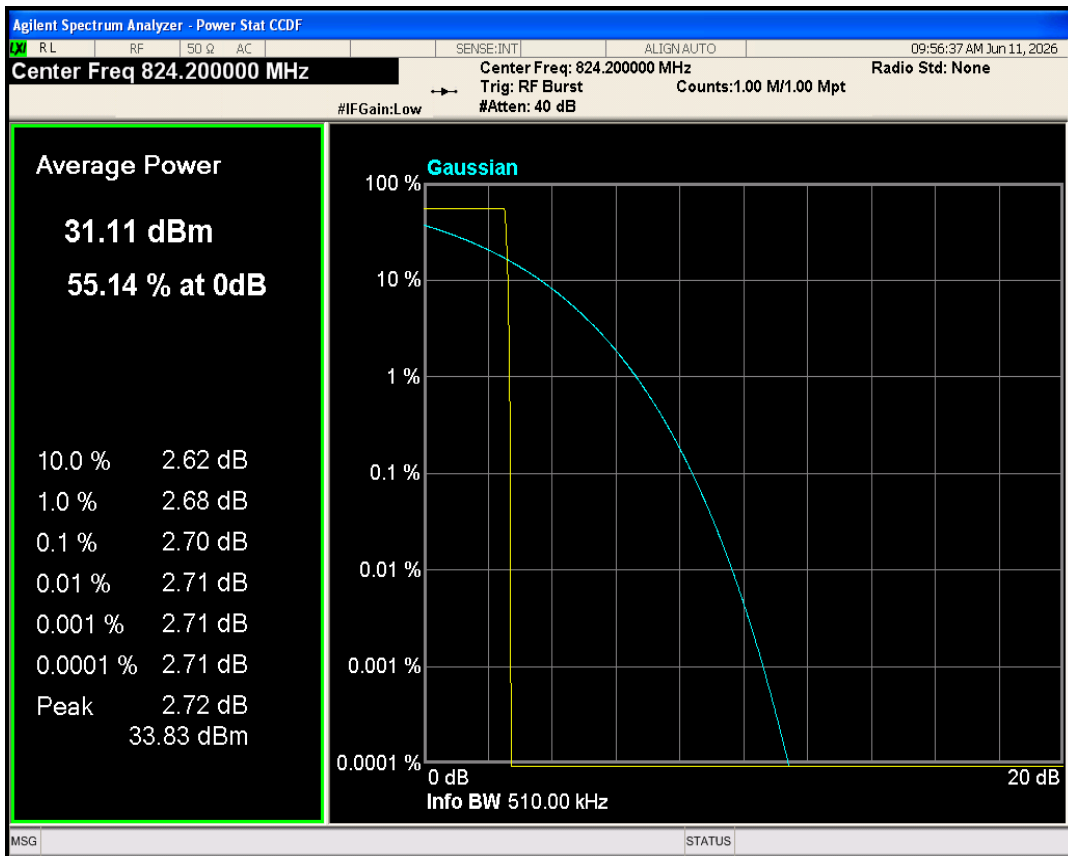
GPRS1900 Channel=661



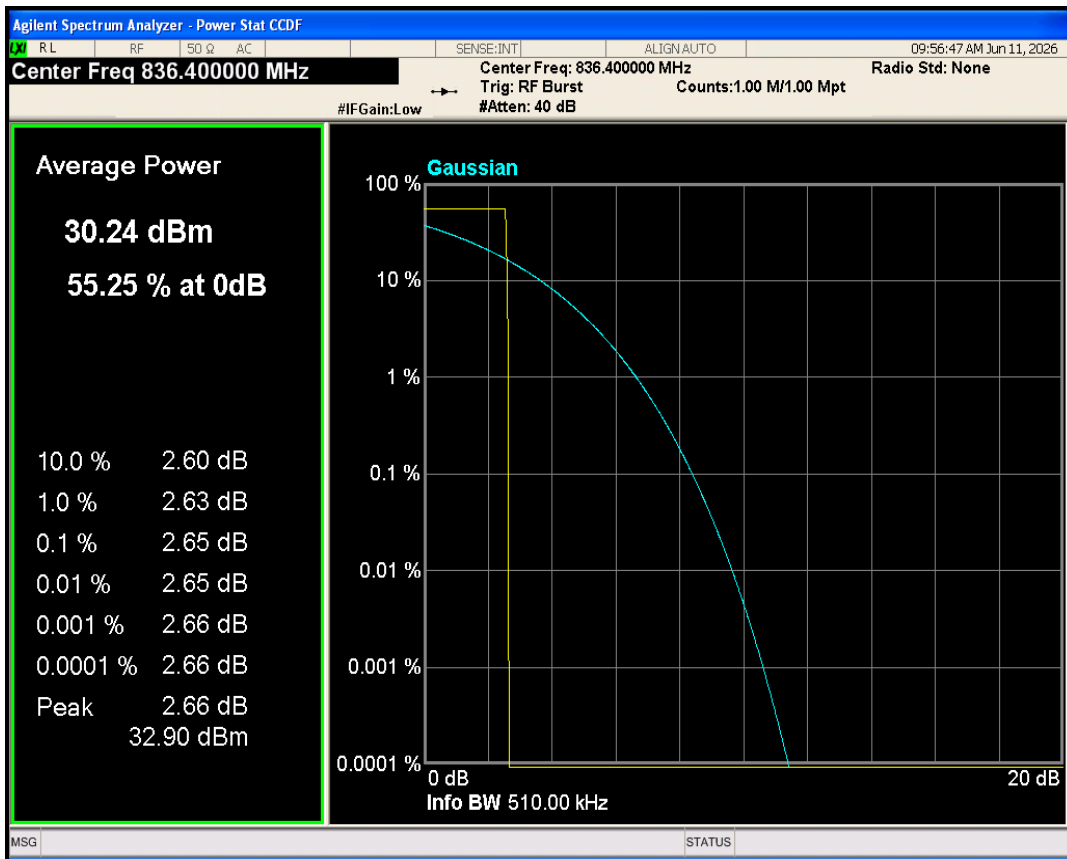
GPRS1900 Channel=810



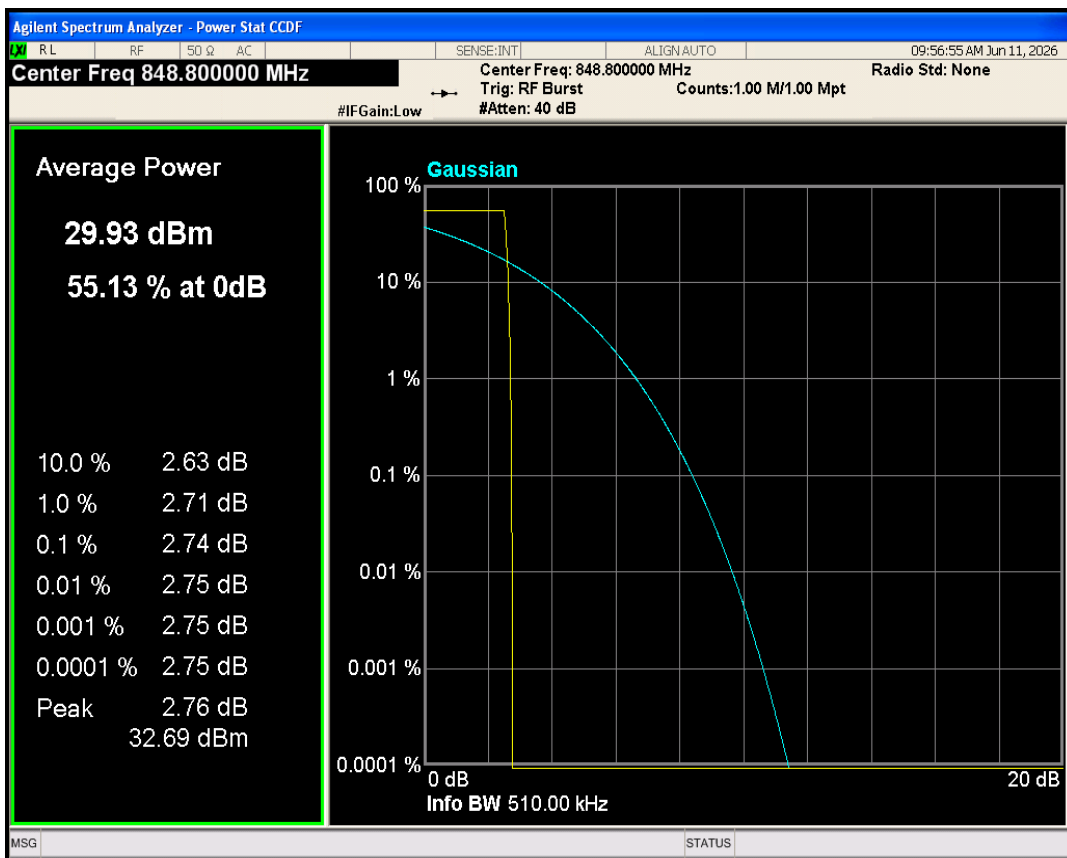
GPRS850 Channel=128



GPRS850 Channel=189



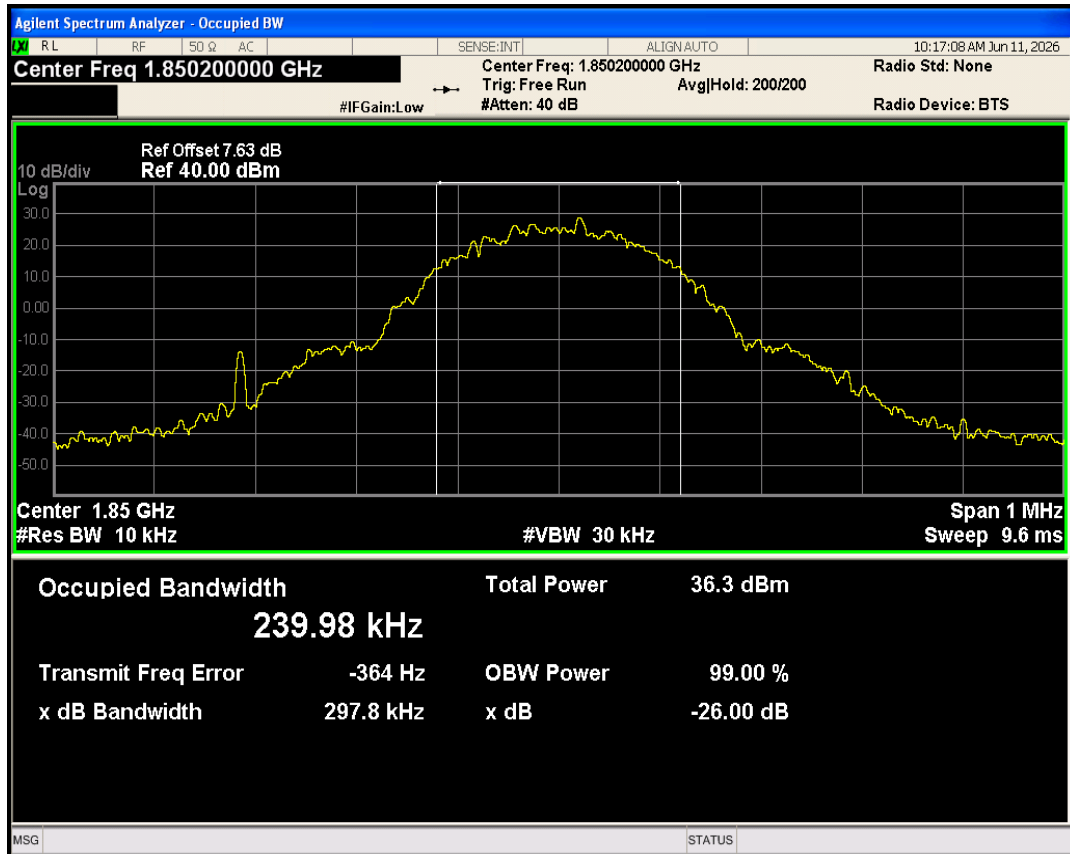
GPRS850 Channel=251



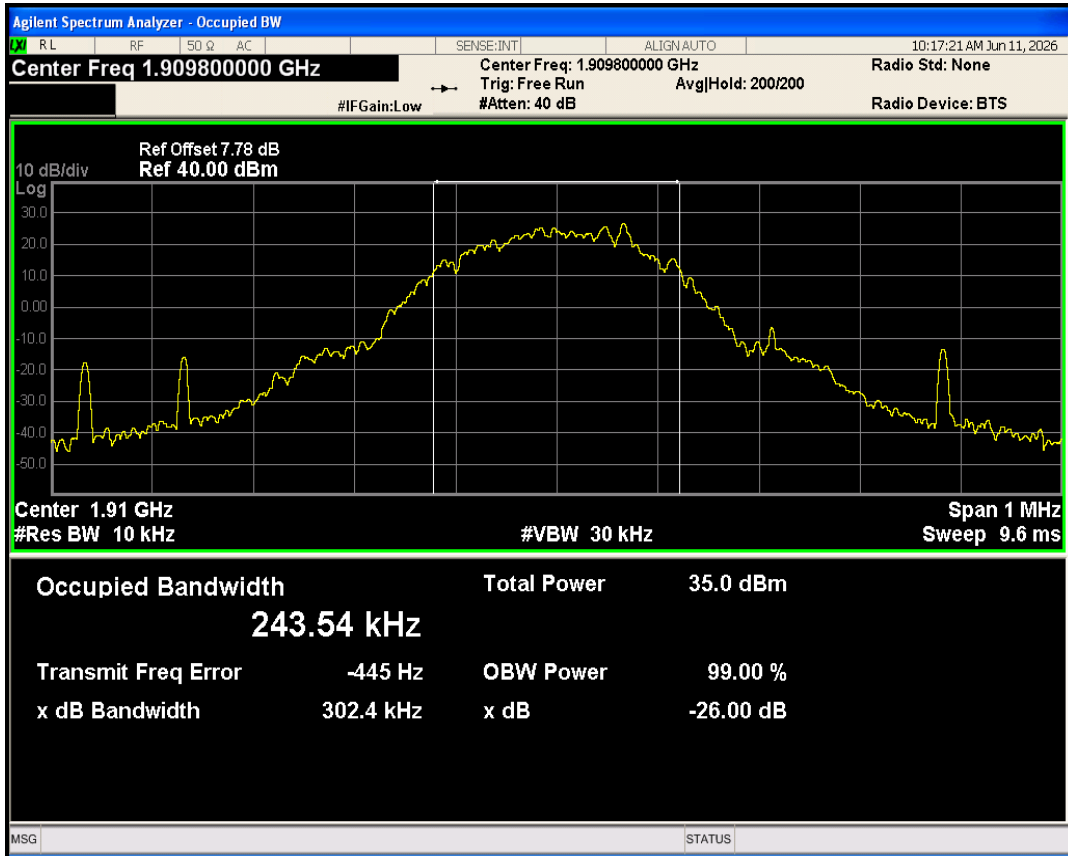
10 Occupied bandwidth

Band	Channel	Frequency (MHz)	99% OBW (kHz)	-26dB EBW (kHz)	Verdict
GPRS1900	512	1850.2	239.975	297.807	PASS
GPRS1900	661	1880	242.652	316.413	PASS
GPRS1900	810	1909.8	243.537	302.368	PASS
GPRS850	128	824.2	242.499	315.646	PASS
GPRS850	189	836.4	239.895	316.659	PASS
GPRS850	251	848.8	237.532	315.703	PASS

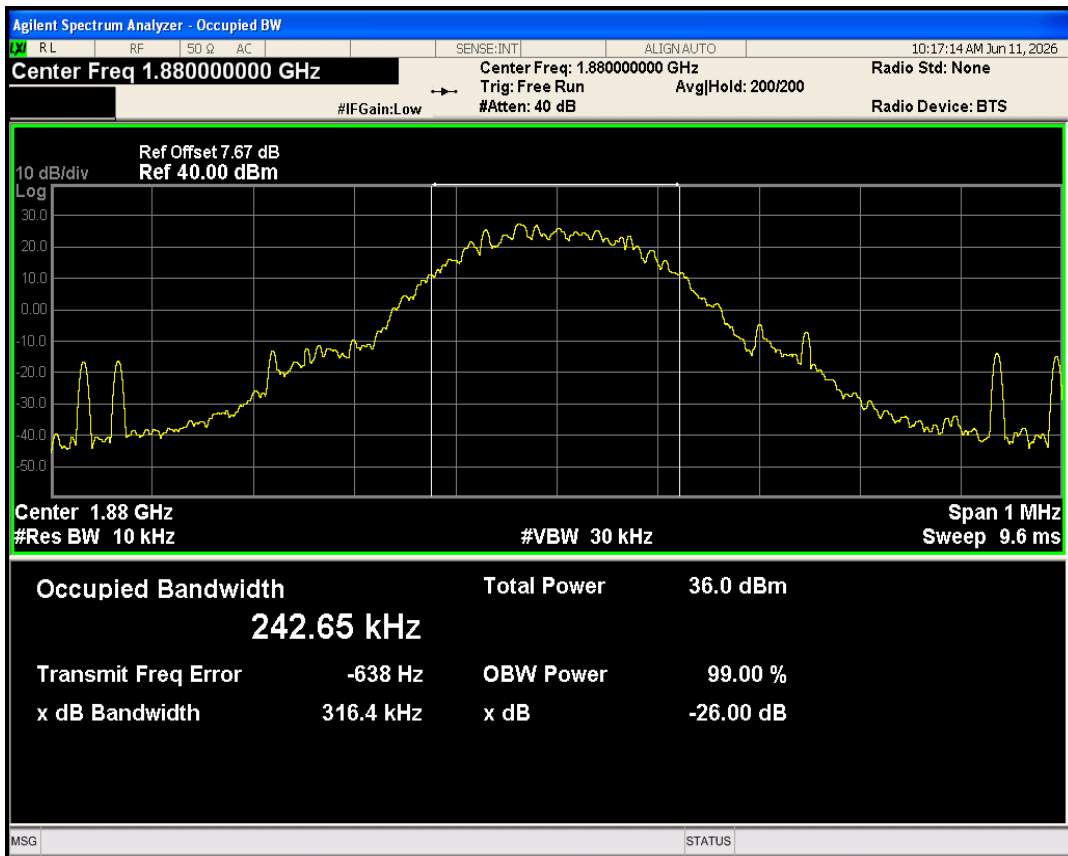
GPRS1900 Channel=512



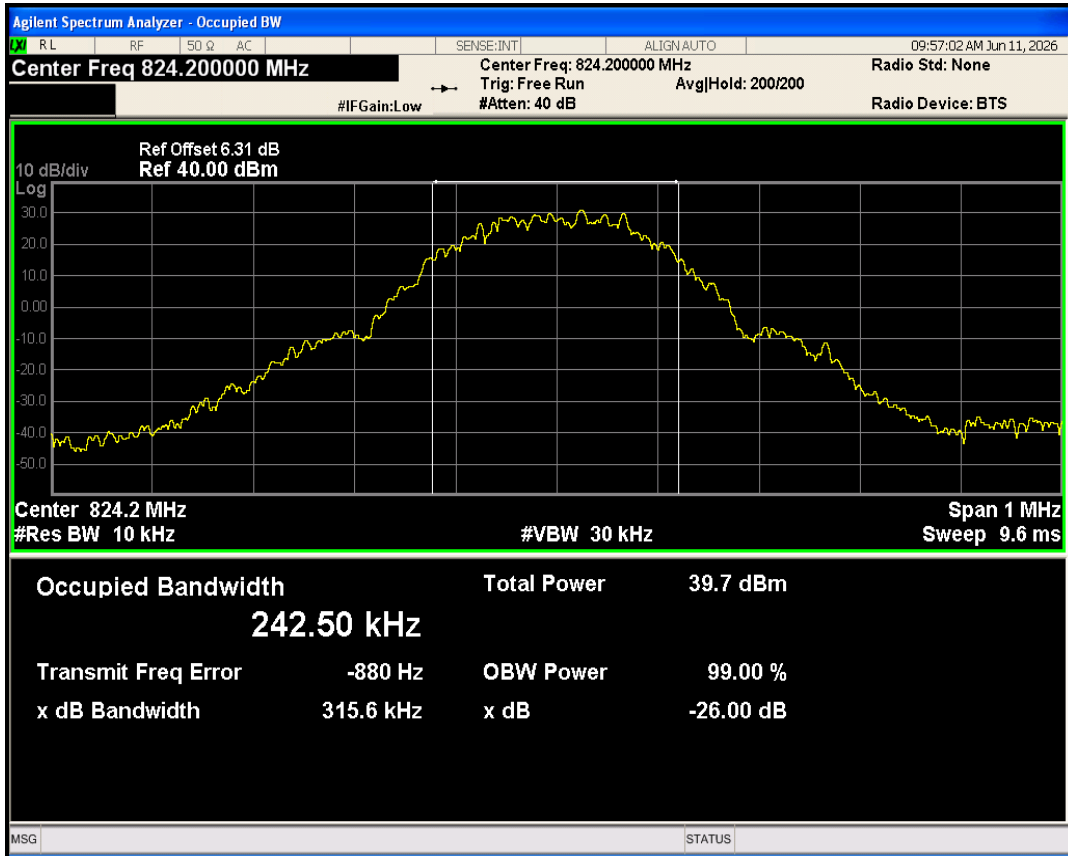
GPRS1900 Channel=810



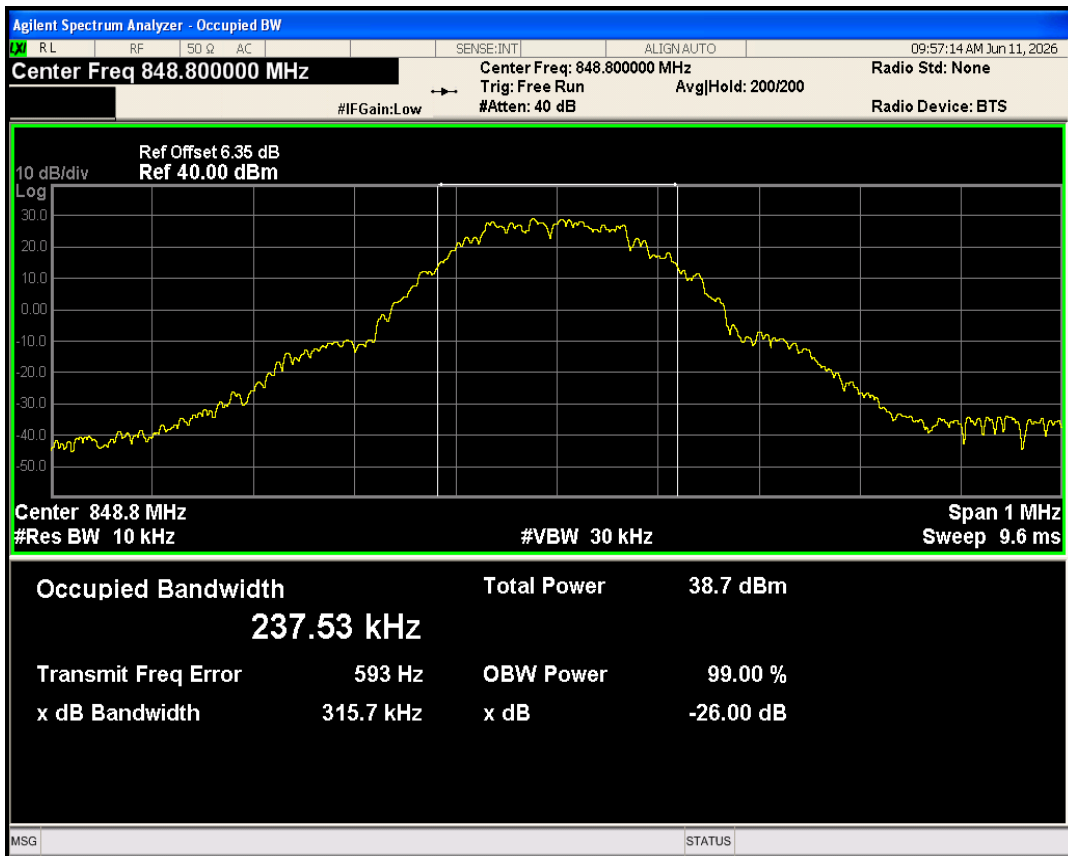
GPRS1900 Channel=661



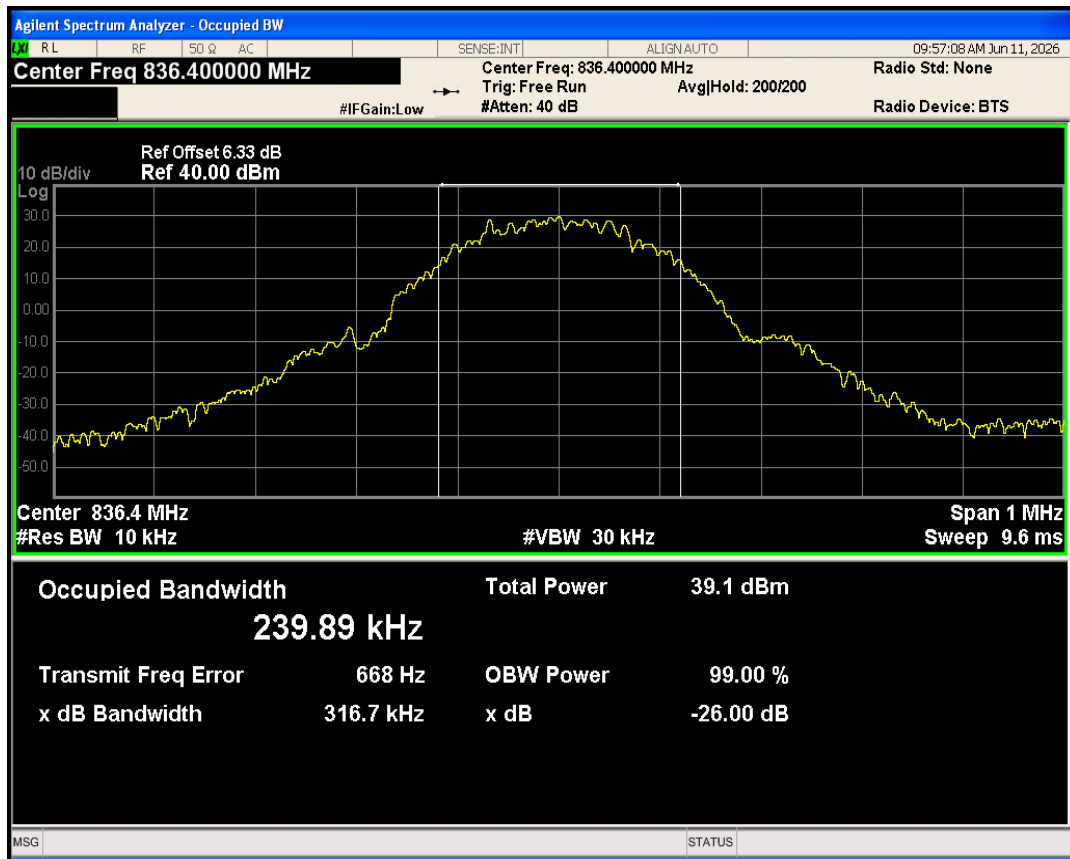
GPRS850 Channel=128



GPRS850 Channel=251



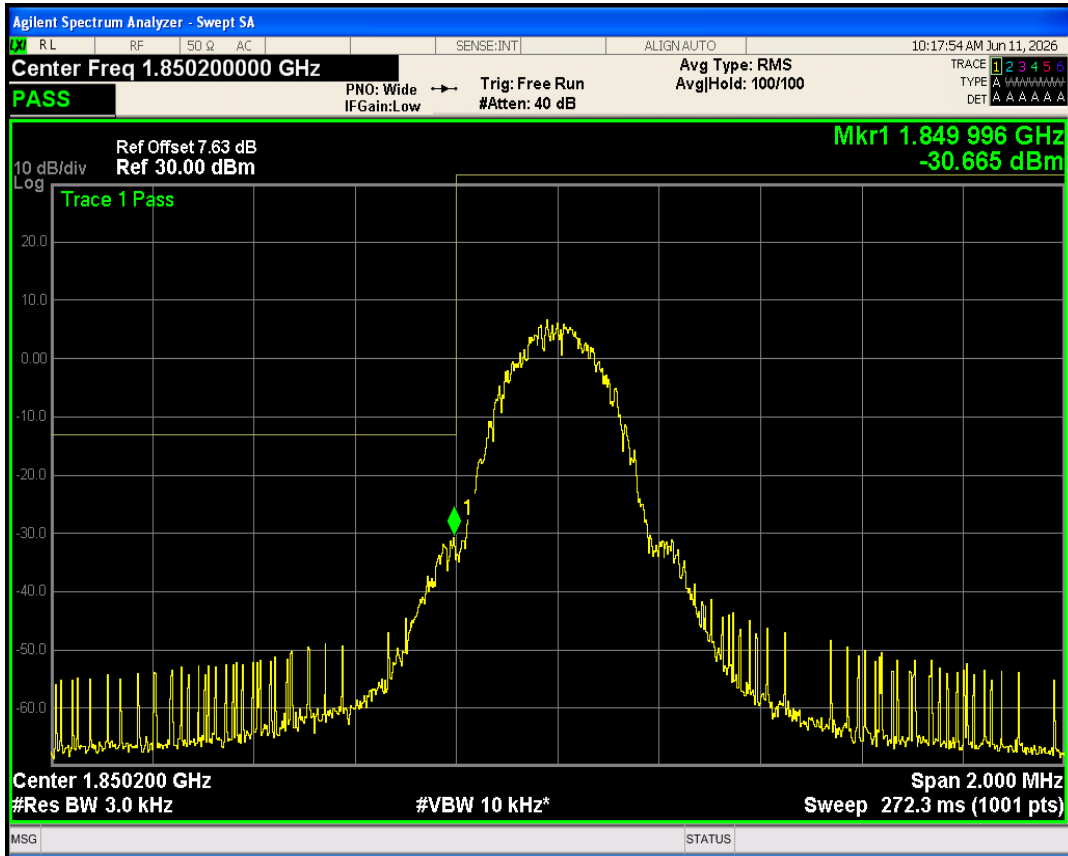
GPRS850 Channel=189



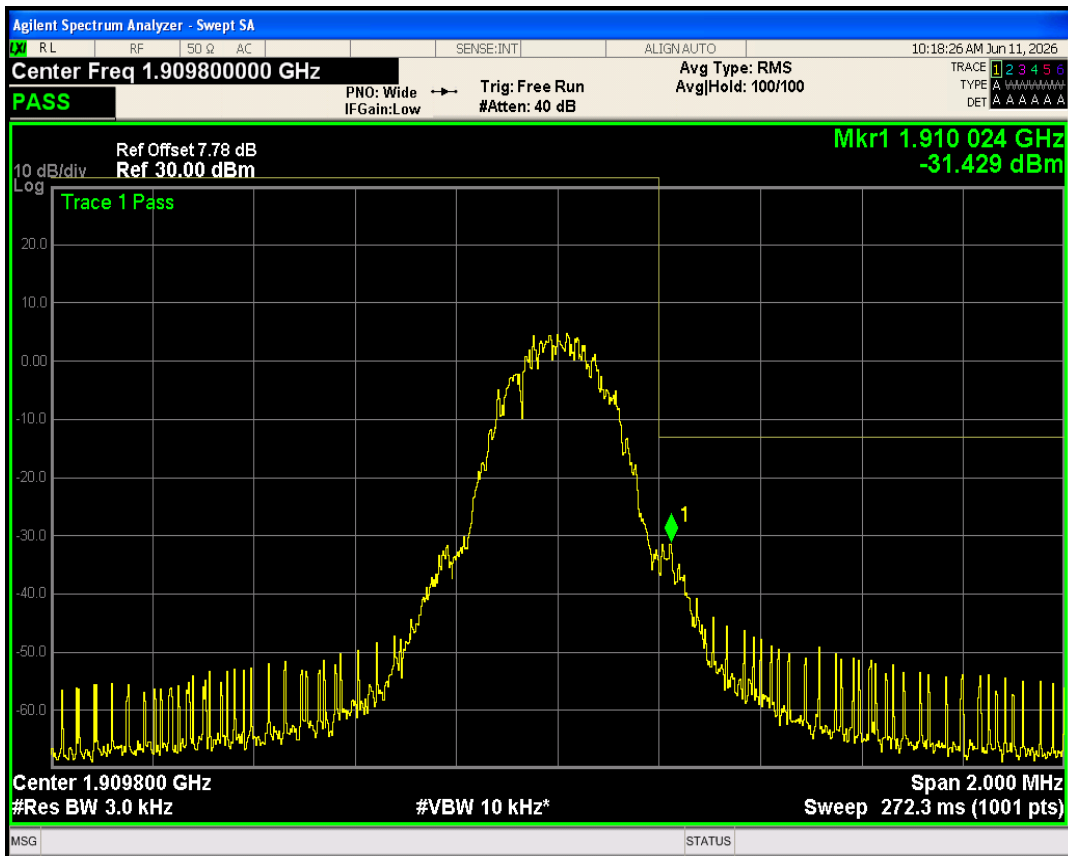
11 Band edge

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
GPRS1900	512	1850.2	1850.00	-30.66	-13	PASS
GPRS1900	810	1909.8	1910.02	-31.42	-13	PASS
GPRS850	128	824.2	823.98	-27.45	-13	PASS
GPRS850	251	848.8	849.02	-28.02	-13	PASS

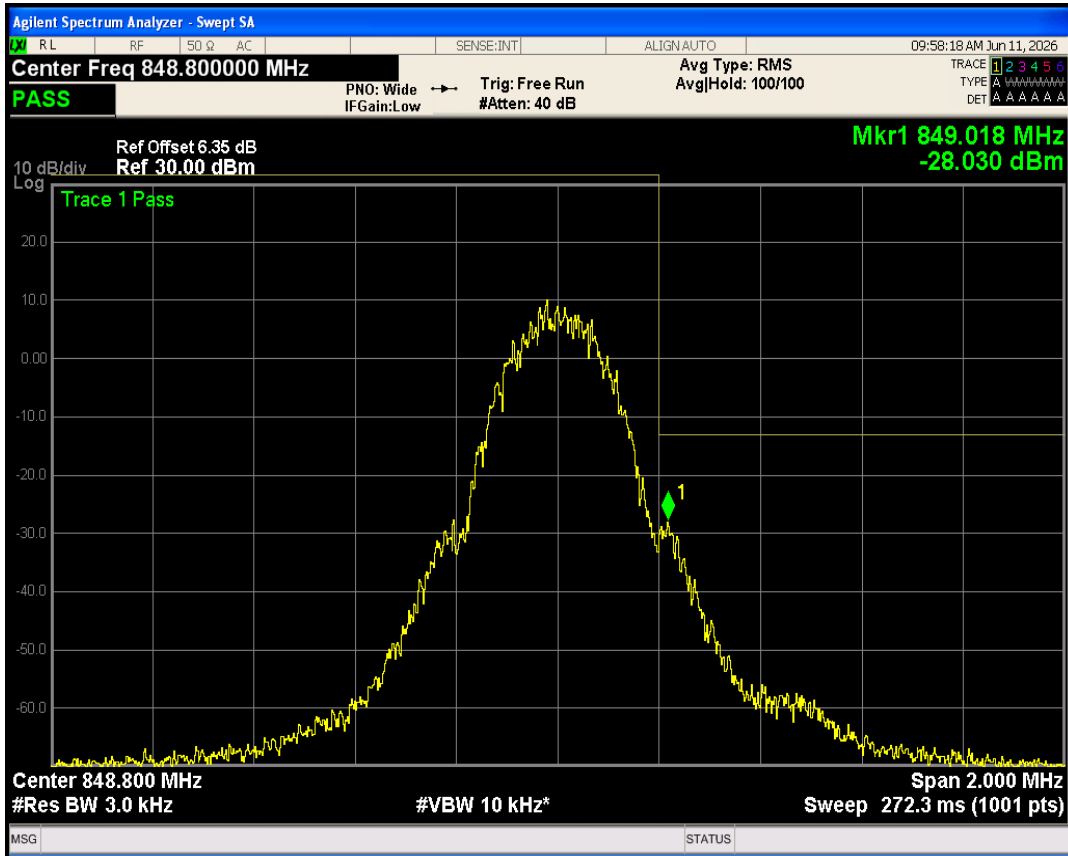
GPRS1900 Channel=512



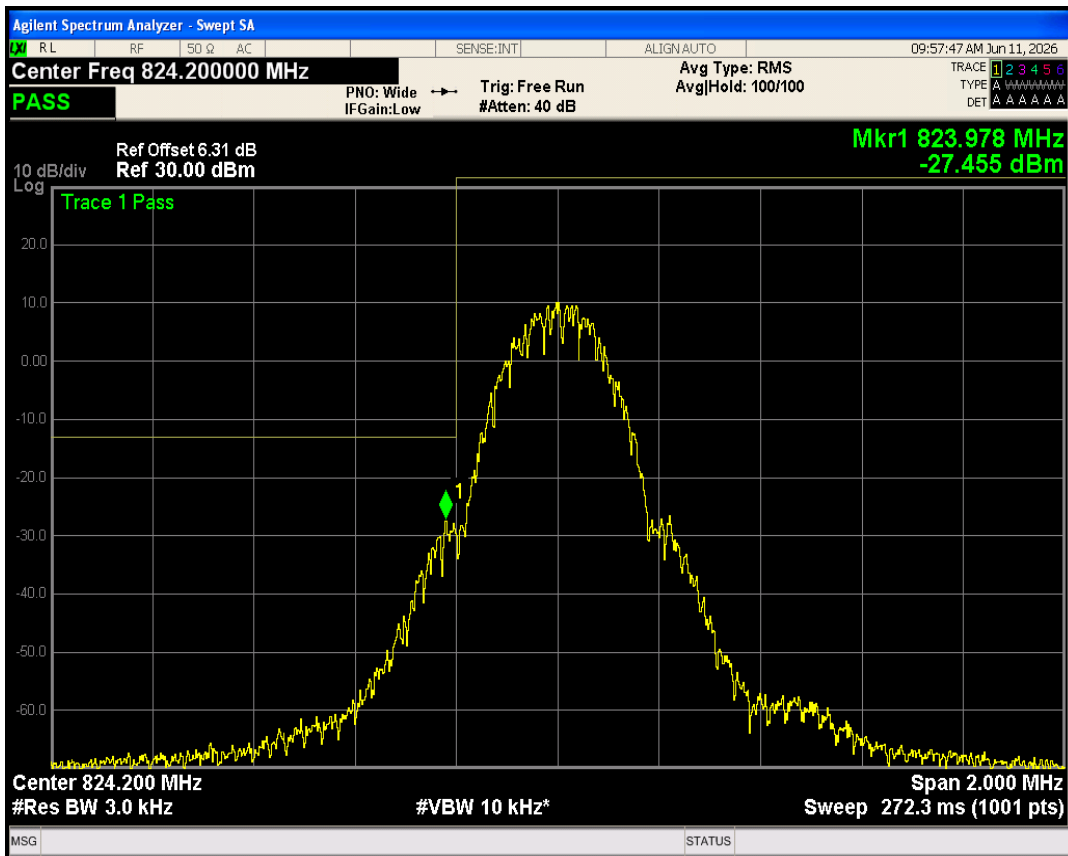
GPRS1900 Channel=810



GPRS850 Channel=251



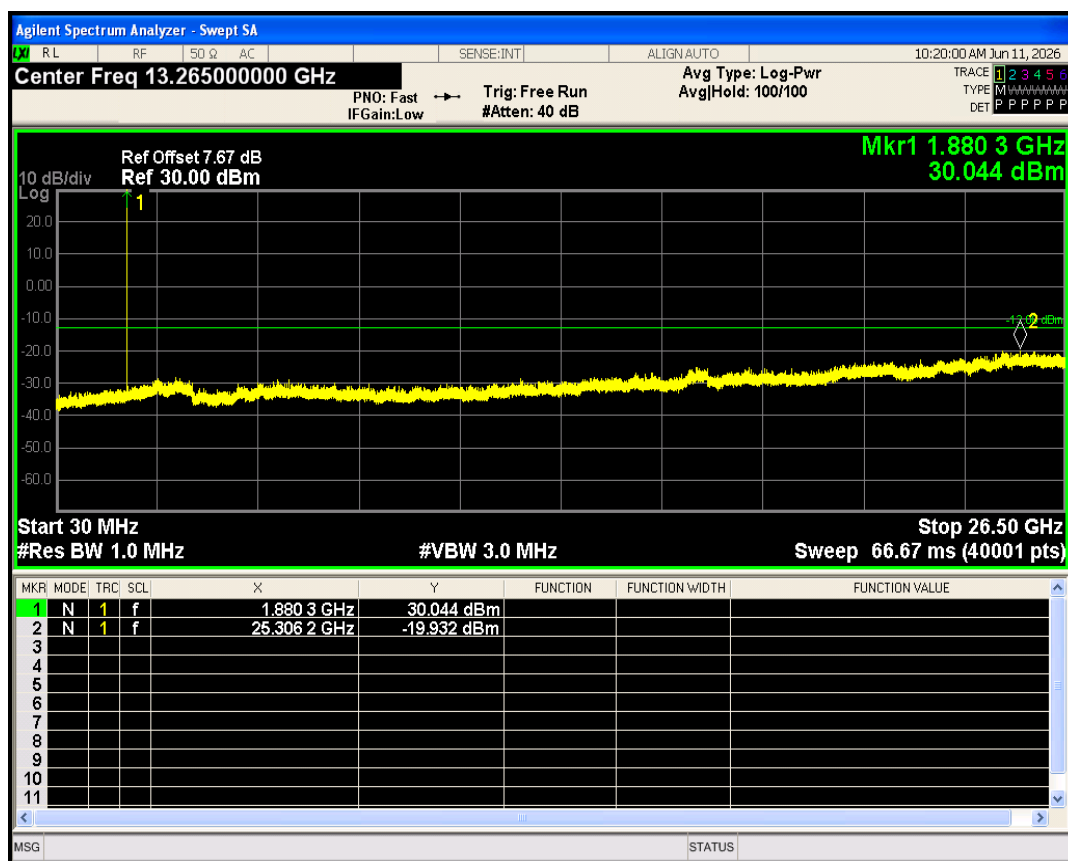
GPRS850 Channel=128



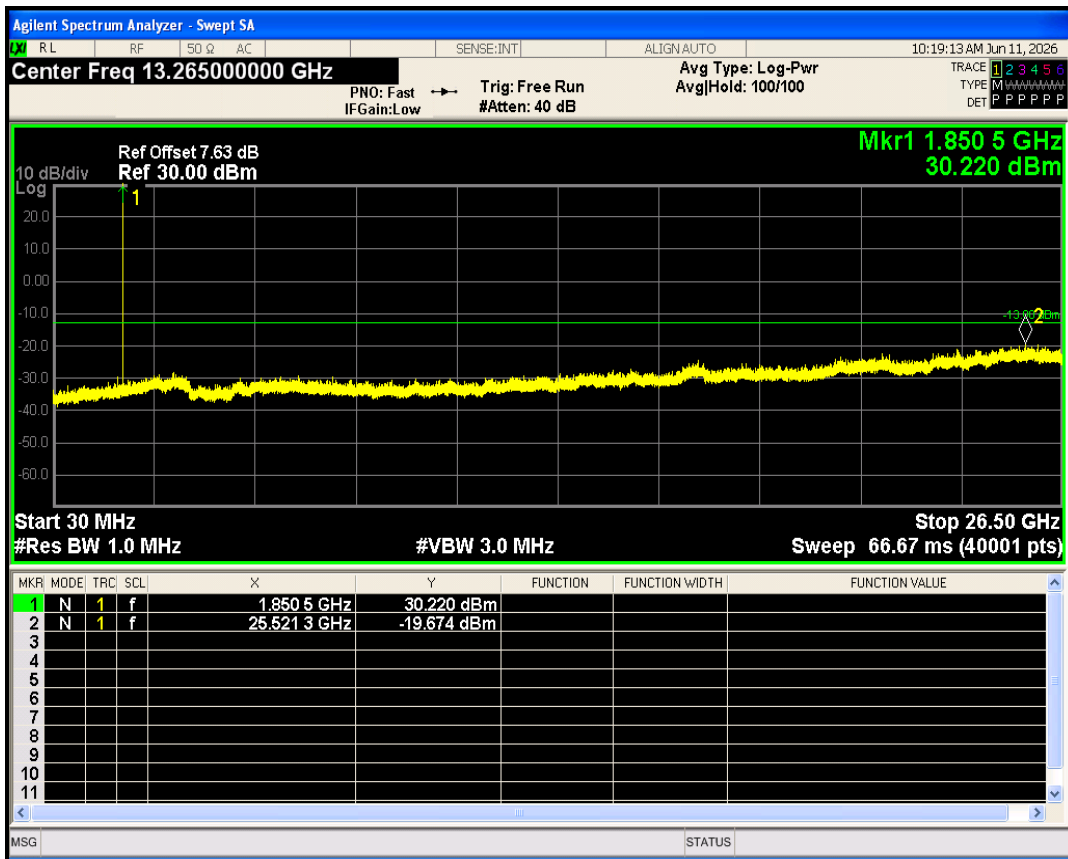
12 Out-of-band emissions

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
GPRS1900	512	1850.2	25521.27	-19.67	-13	PASS
GPRS1900	661	1880	25306.20	-19.93	-13	PASS
GPRS1900	810	1909.8	25679.43	-19.82	-13	PASS
GPRS850	128	824.2	24909.15	-21.48	-13	PASS
GPRS850	189	836.4	25692.00	-20.39	-13	PASS
GPRS850	251	848.8	25136.13	-21.64	-13	PASS

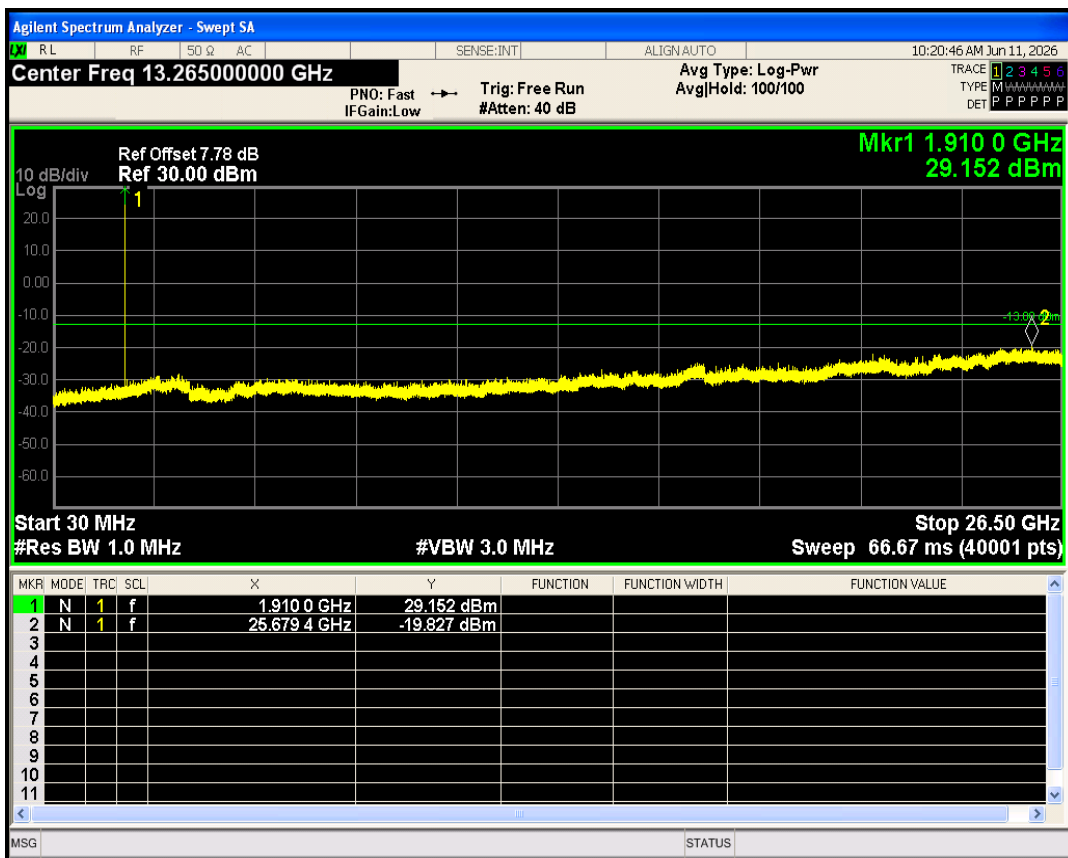
GPRS1900 Channel=661



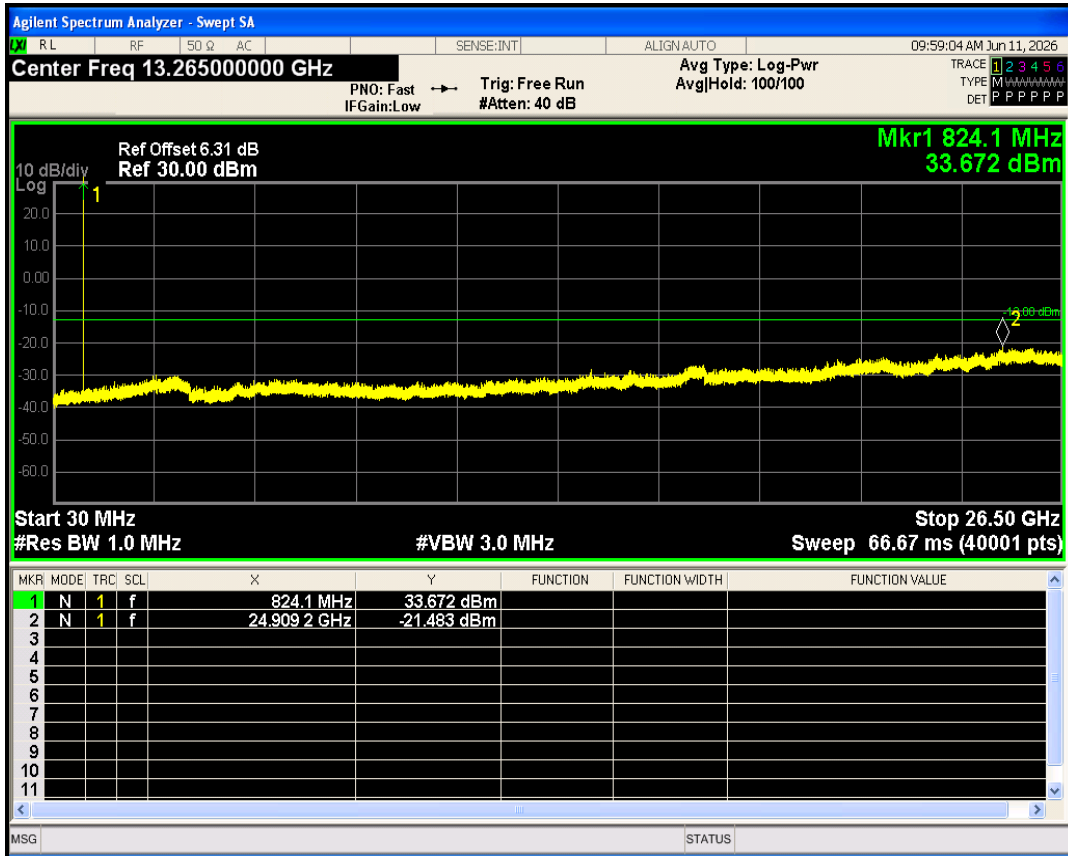
GPRS1900 Channel=512



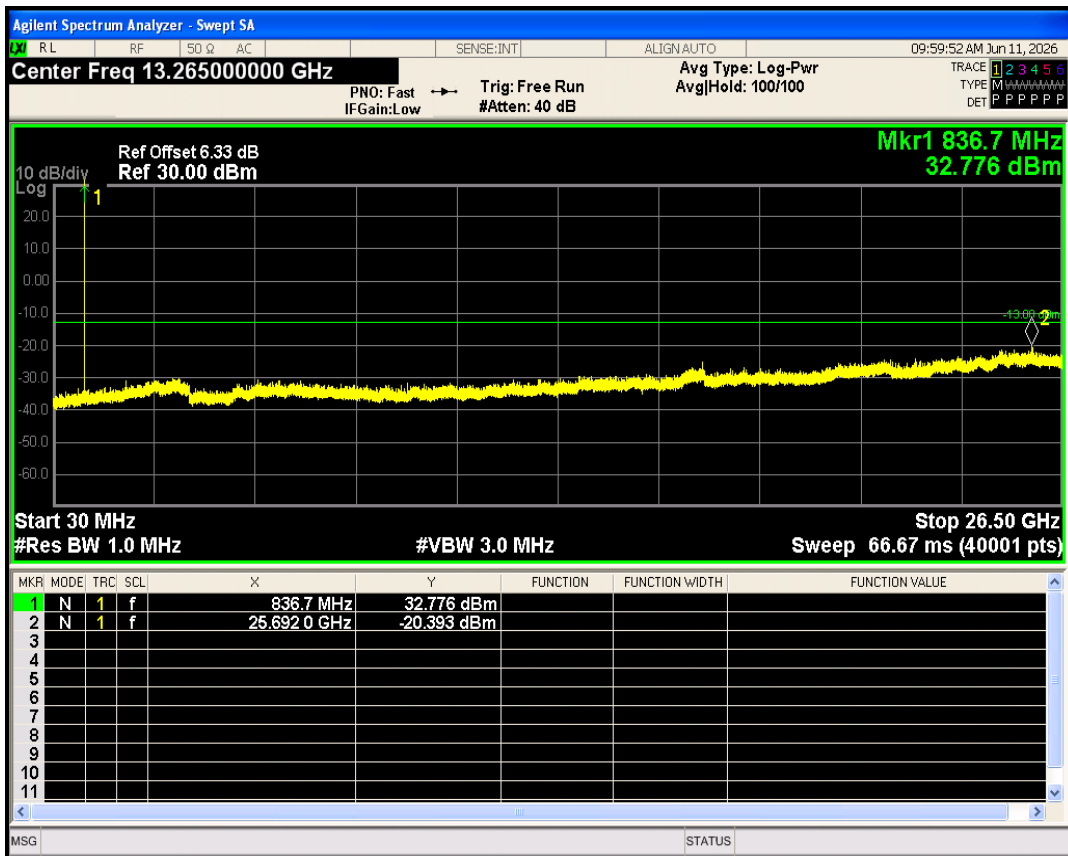
GPRS1900 Channel=810



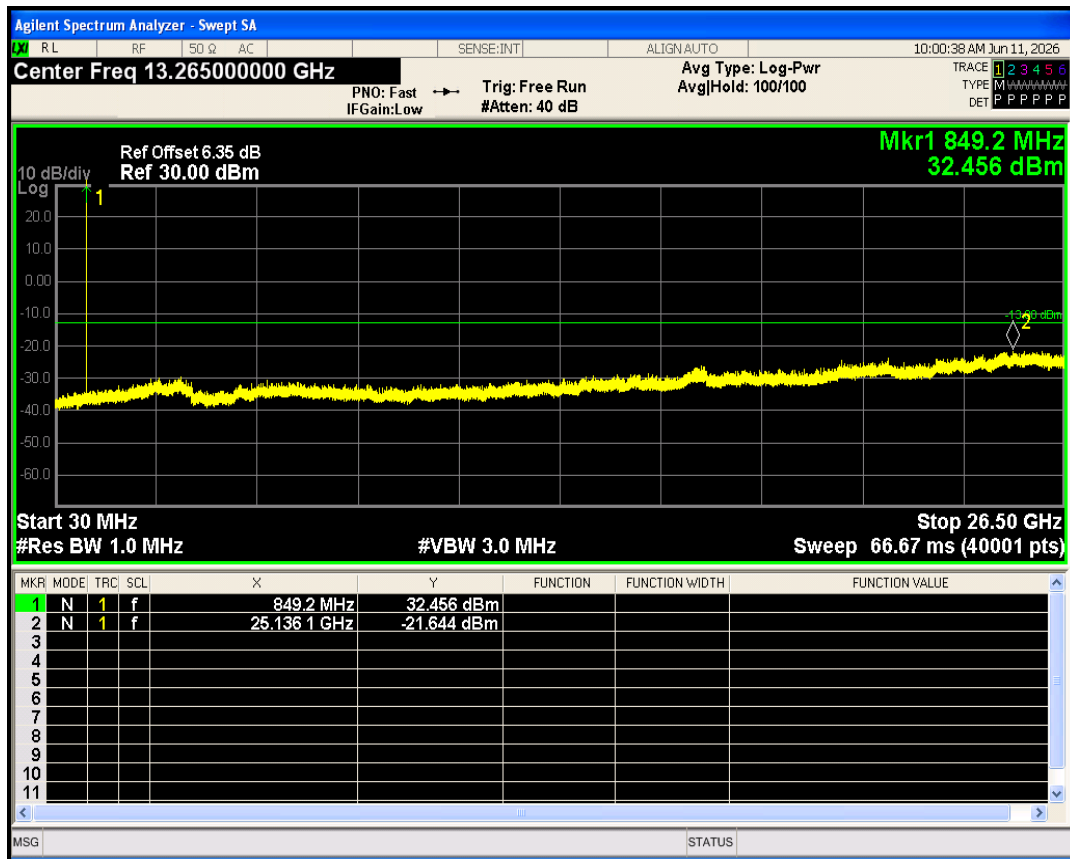
GPRS850 Channel=128



GPRS850 Channel=189



GPRS850 Channel=251



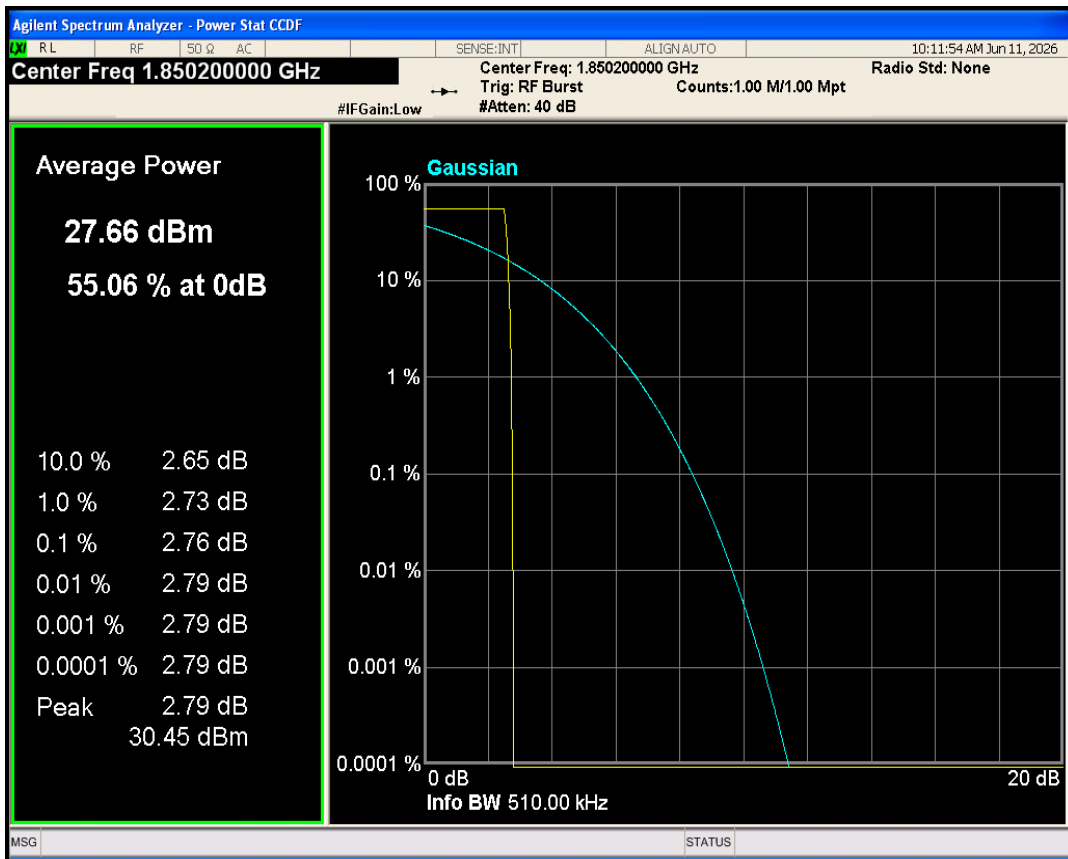
02 Frequency stability

Band	Channel	Frequency (MHz)	Result(Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
GSM1900	661	1880	7.85	0.004	-2.5	2.5	PASS
GSM850	189	836.4	-9.40	-0.011	-2.5	2.5	PASS

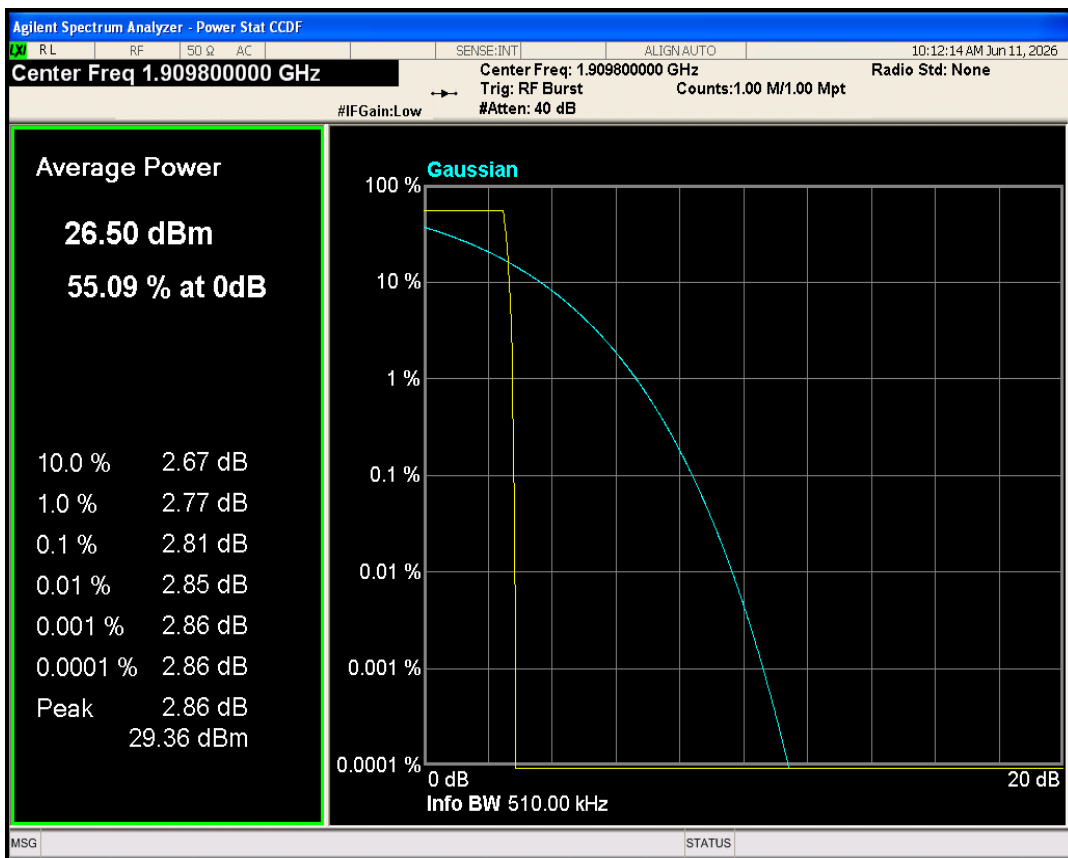
03 Peak-to-Average Ratio

Band	Channel	Frequency (MHz)	Result (dB)	high Limit (dB)	Verdict
GSM1900	512	1850.2	2.76	13	PASS
GSM1900	661	1880	2.78	13	PASS
GSM1900	810	1909.8	2.81	13	PASS
GSM850	128	824.2	2.61	13	PASS
GSM850	189	836.4	2.61	13	PASS
GSM850	251	848.8	2.61	13	PASS

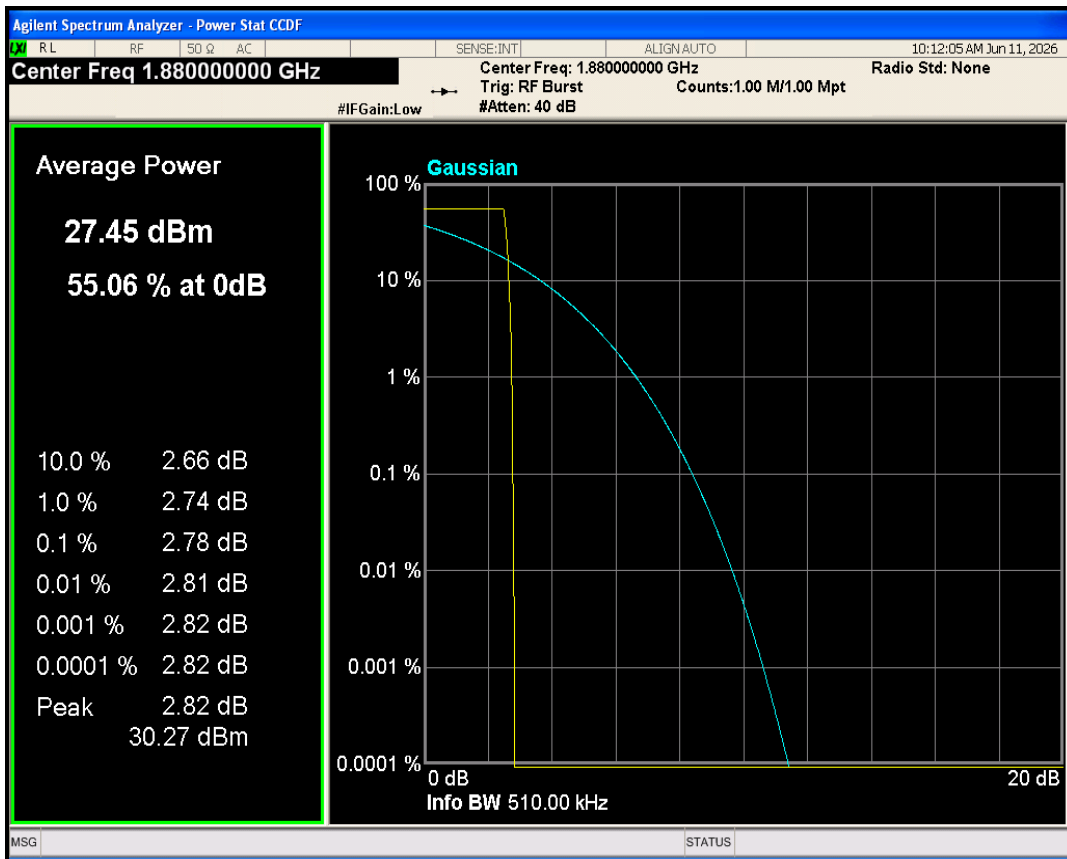
GSM1900 Channel=512



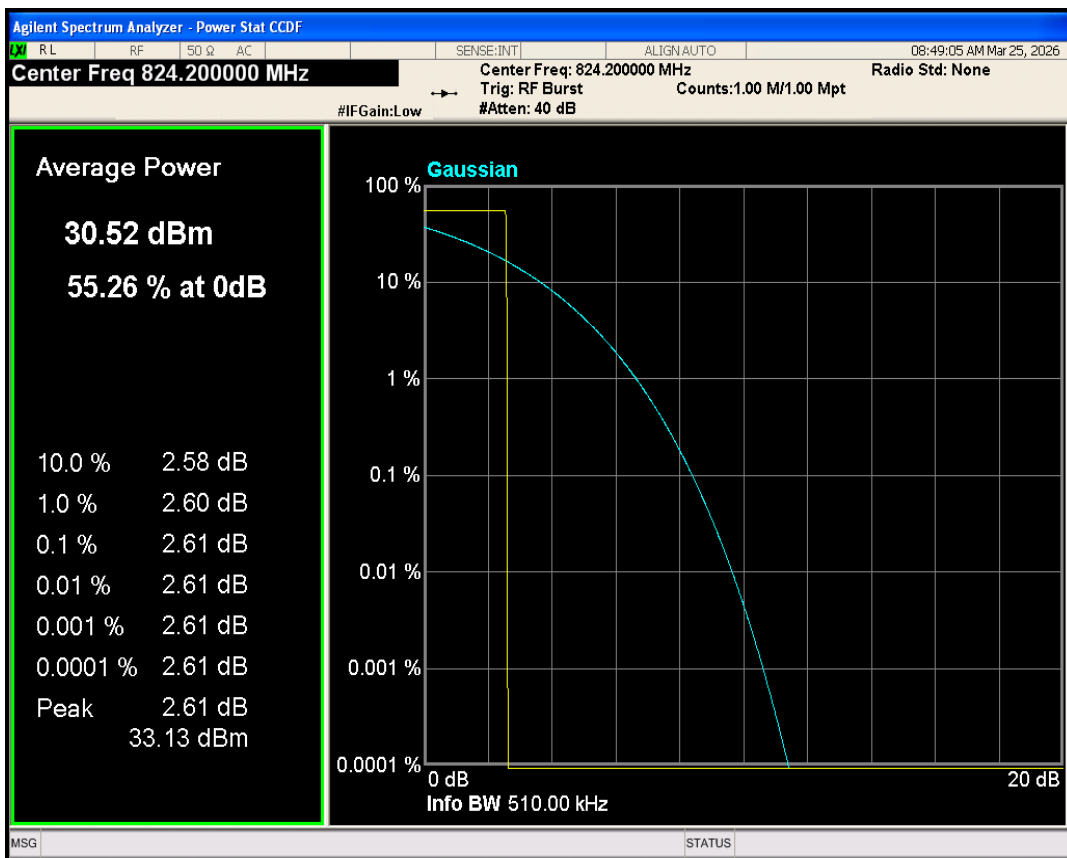
GSM1900 Channel=810



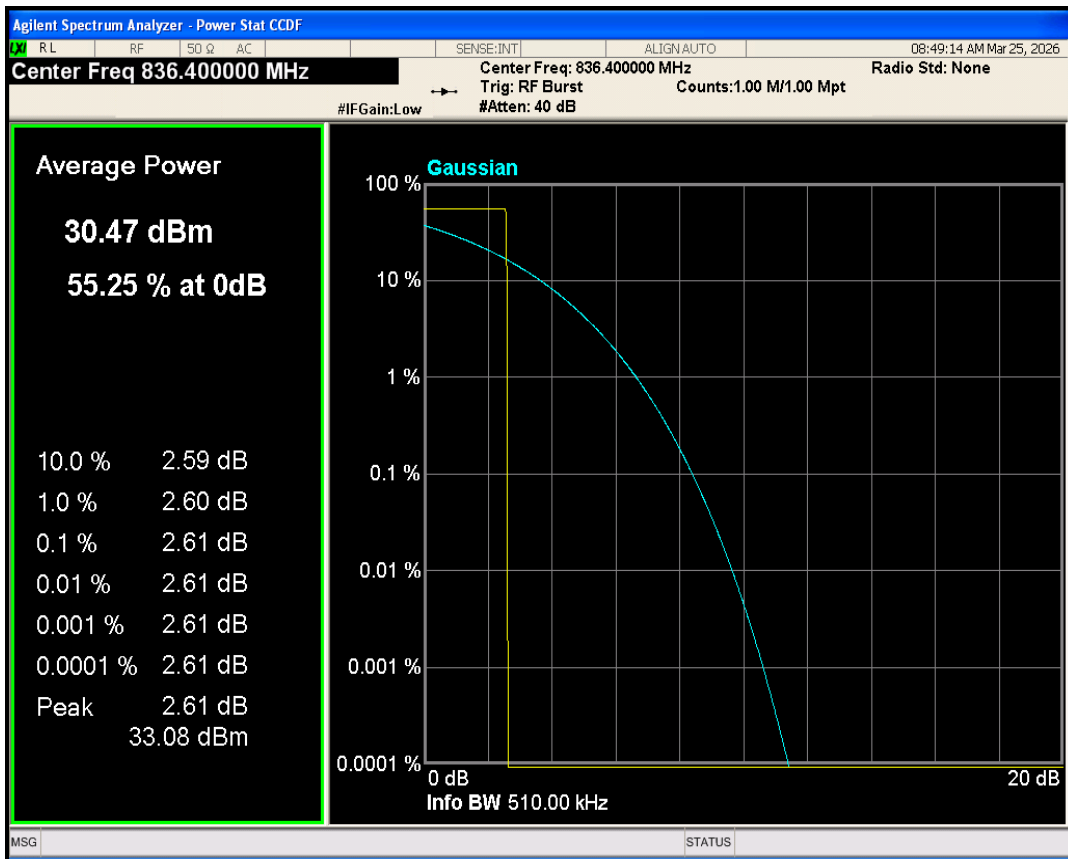
GSM1900 Channel=661



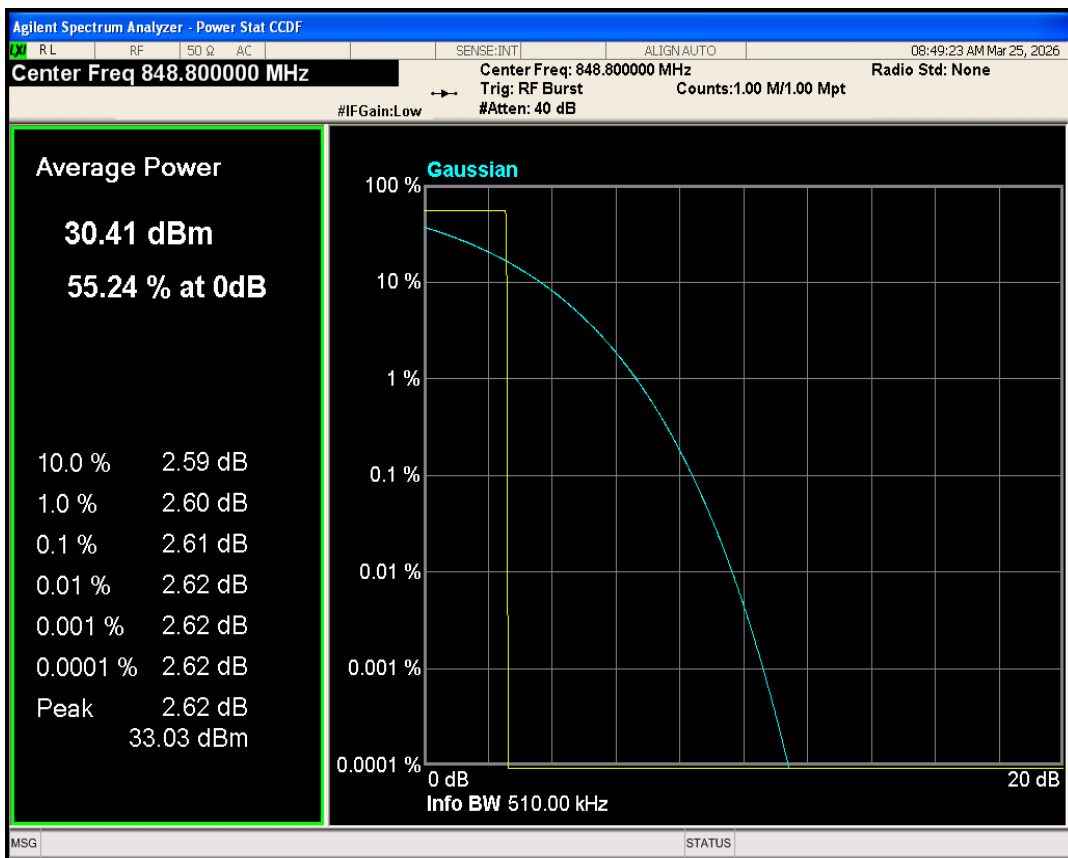
GSM850 Channel=128



GSM850 Channel=189



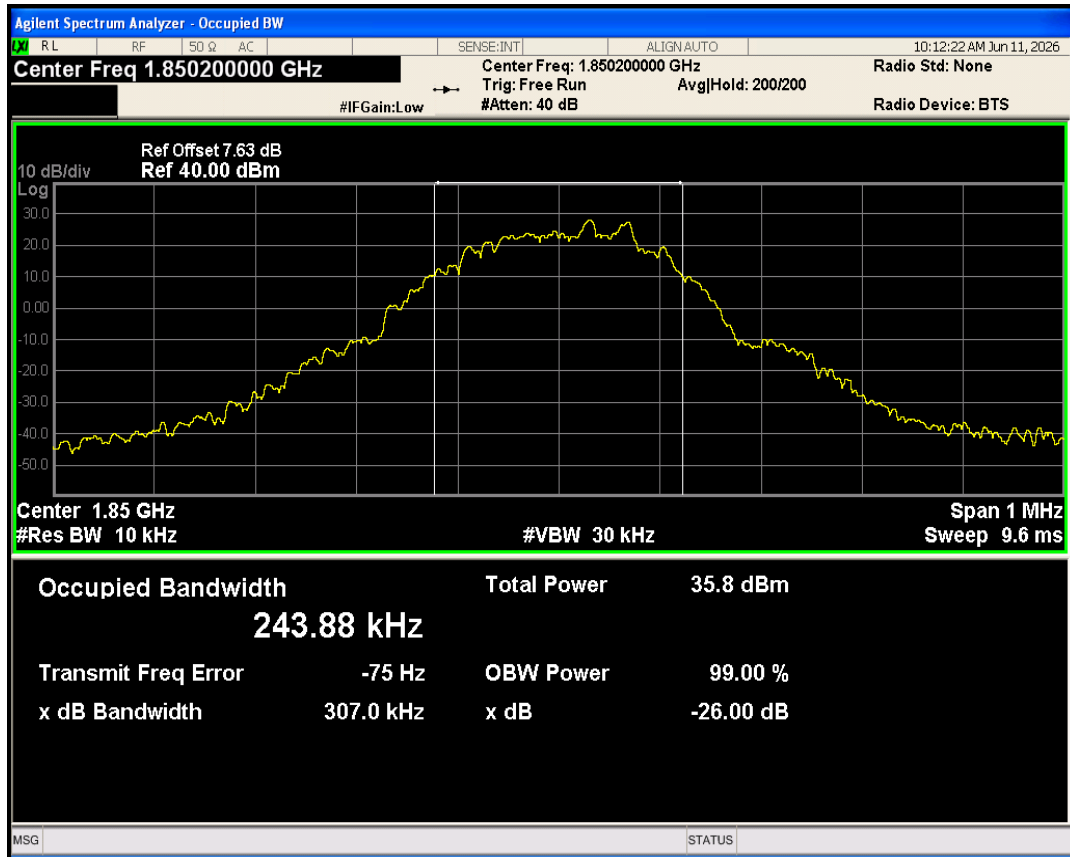
GSM850 Channel=251



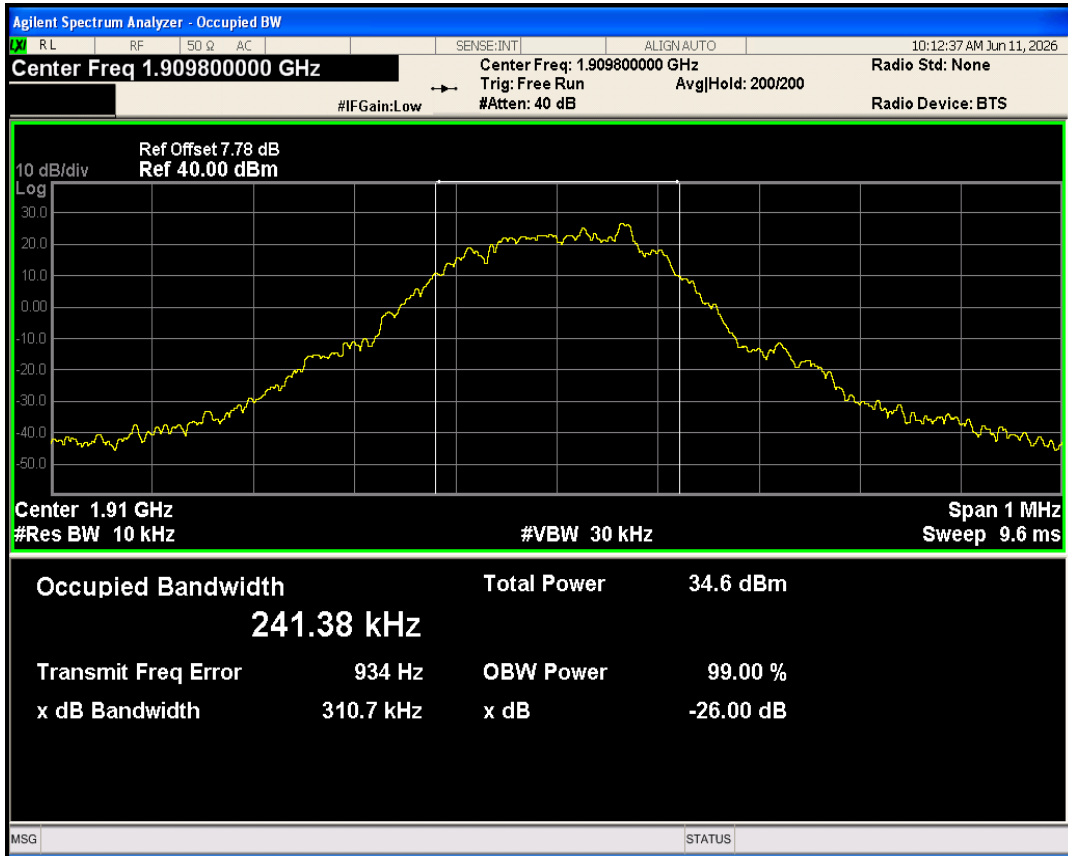
04 Occupied bandwidth

Band	Channel	Frequency (MHz)	99% OBW (kHz)	-26dB EBW (kHz)	Verdict
GSM1900	512	1850.2	243.879	307.026	PASS
GSM1900	661	1880	241.156	304.523	PASS
GSM1900	810	1909.8	241.384	310.736	PASS
GSM850	128	824.2	242.527	315.893	PASS
GSM850	189	836.4	241.549	302.407	PASS
GSM850	251	848.8	244.099	319.779	PASS

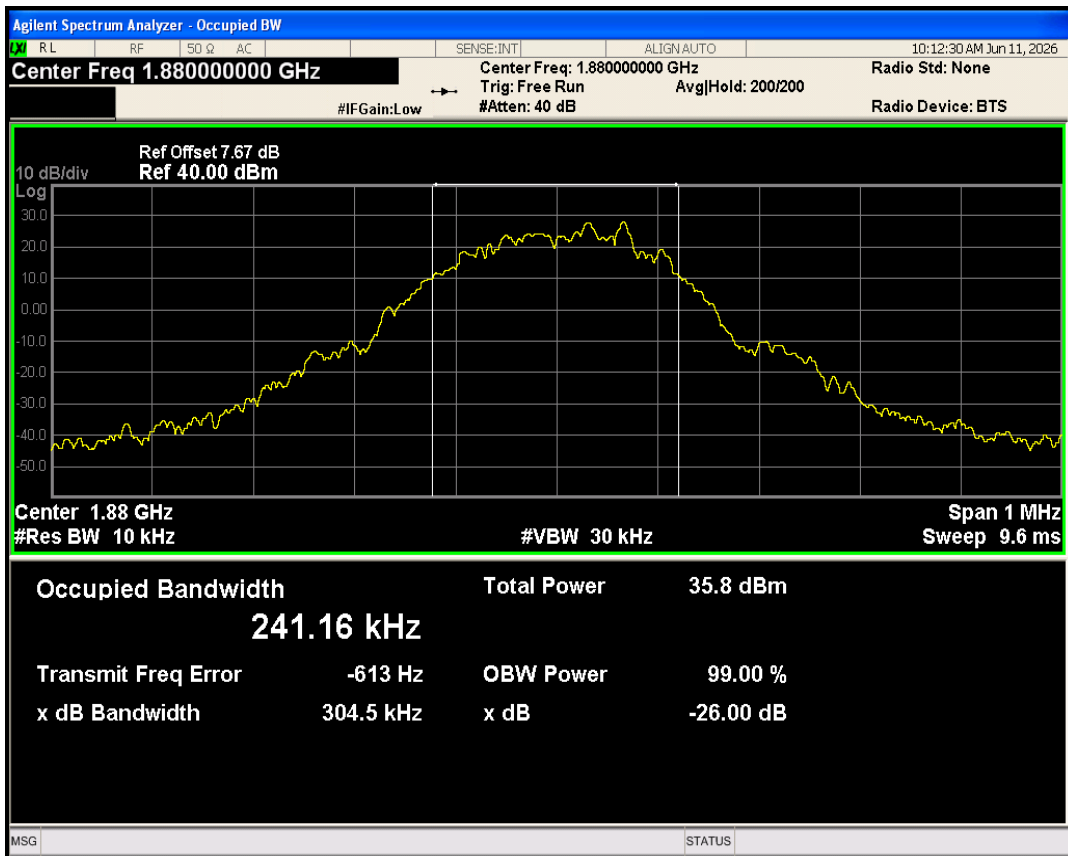
GSM1900 Channel=512



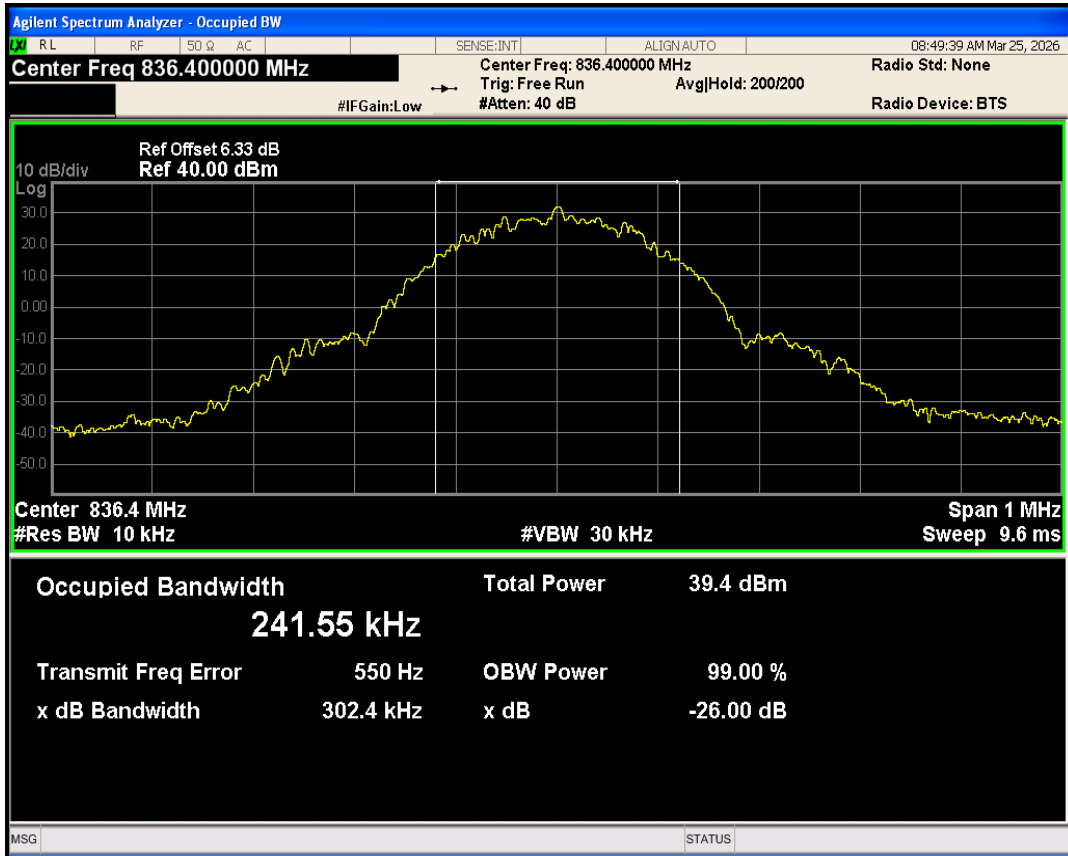
GSM1900 Channel=810



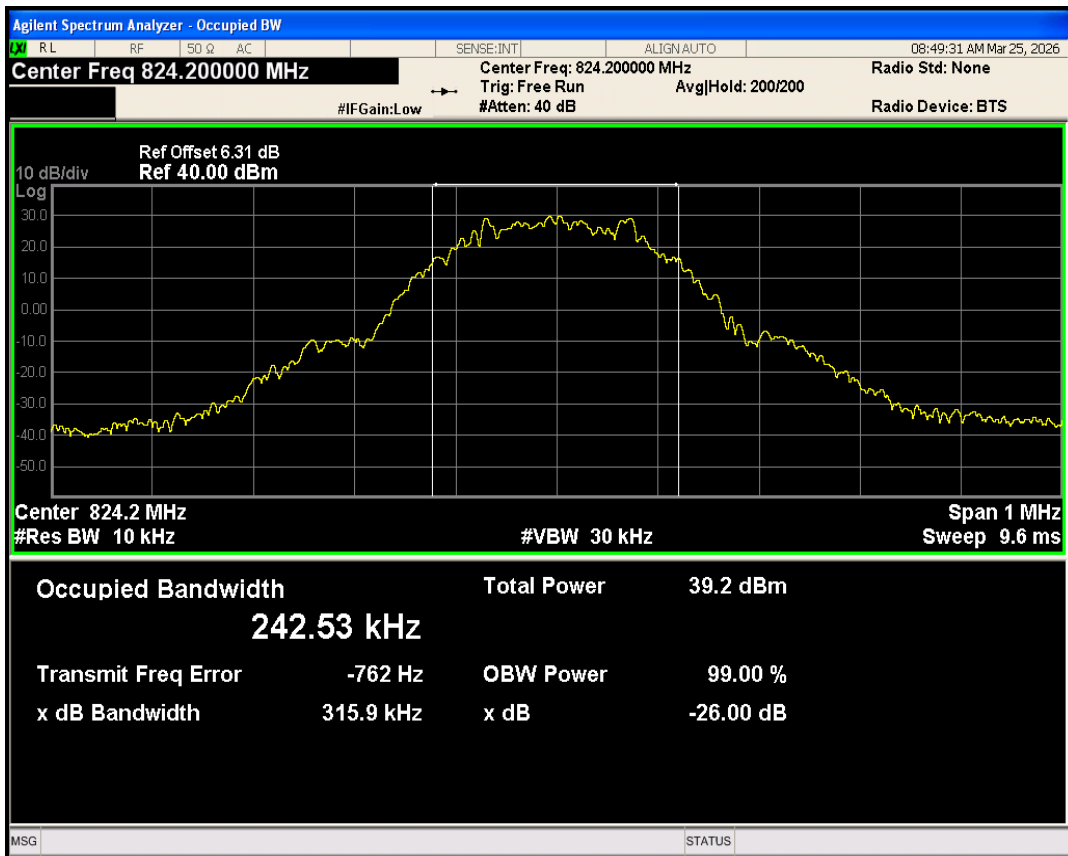
GSM1900 Channel=661



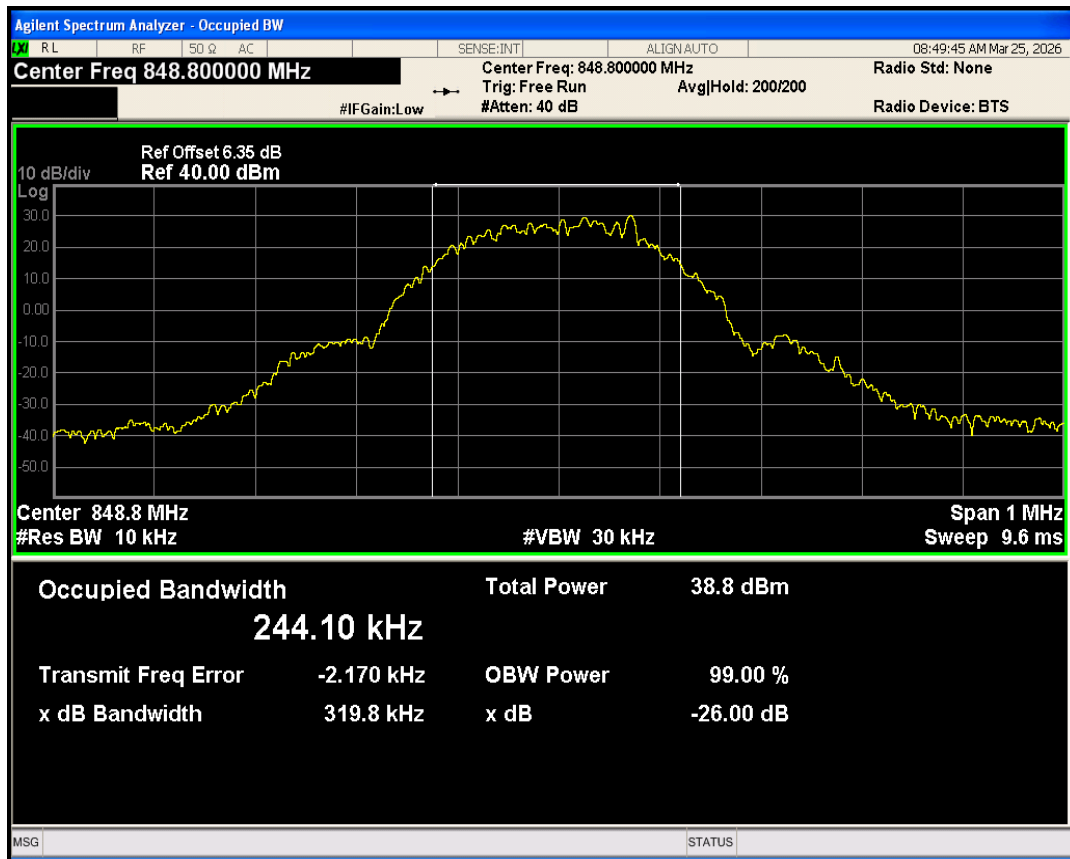
GSM850 Channel=189



GSM850 Channel=128



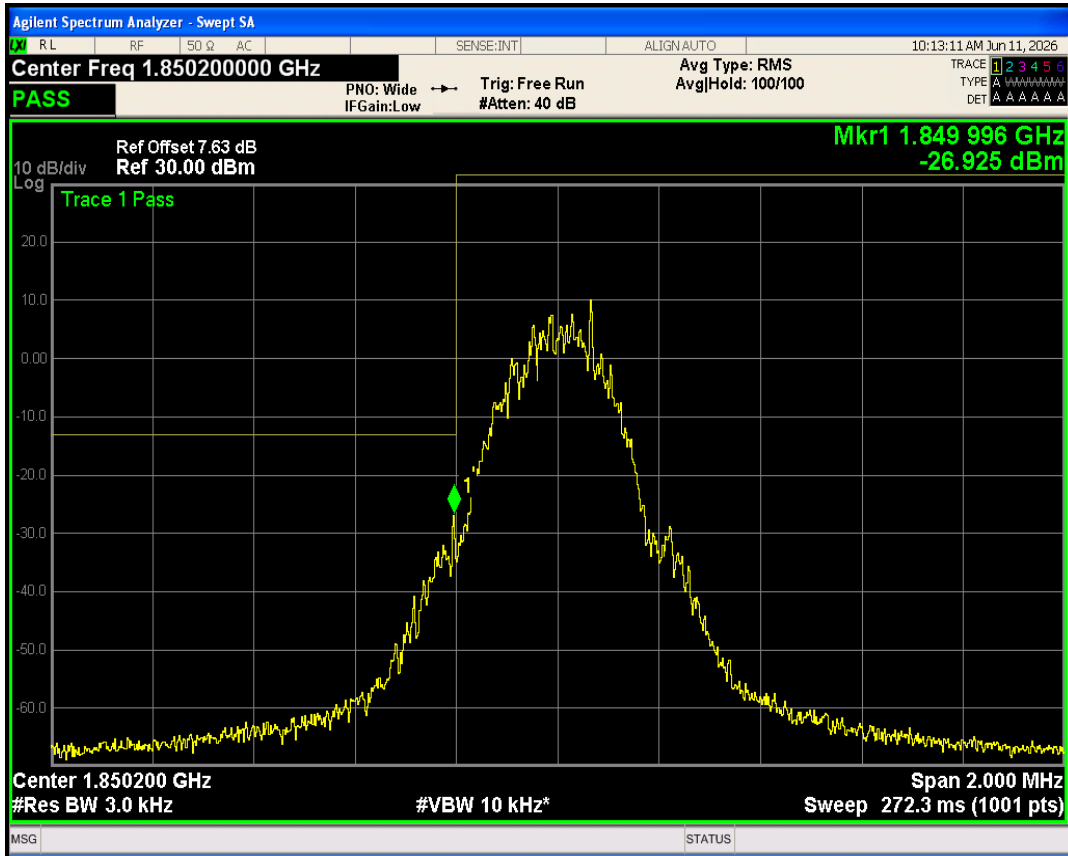
GSM850 Channel=251



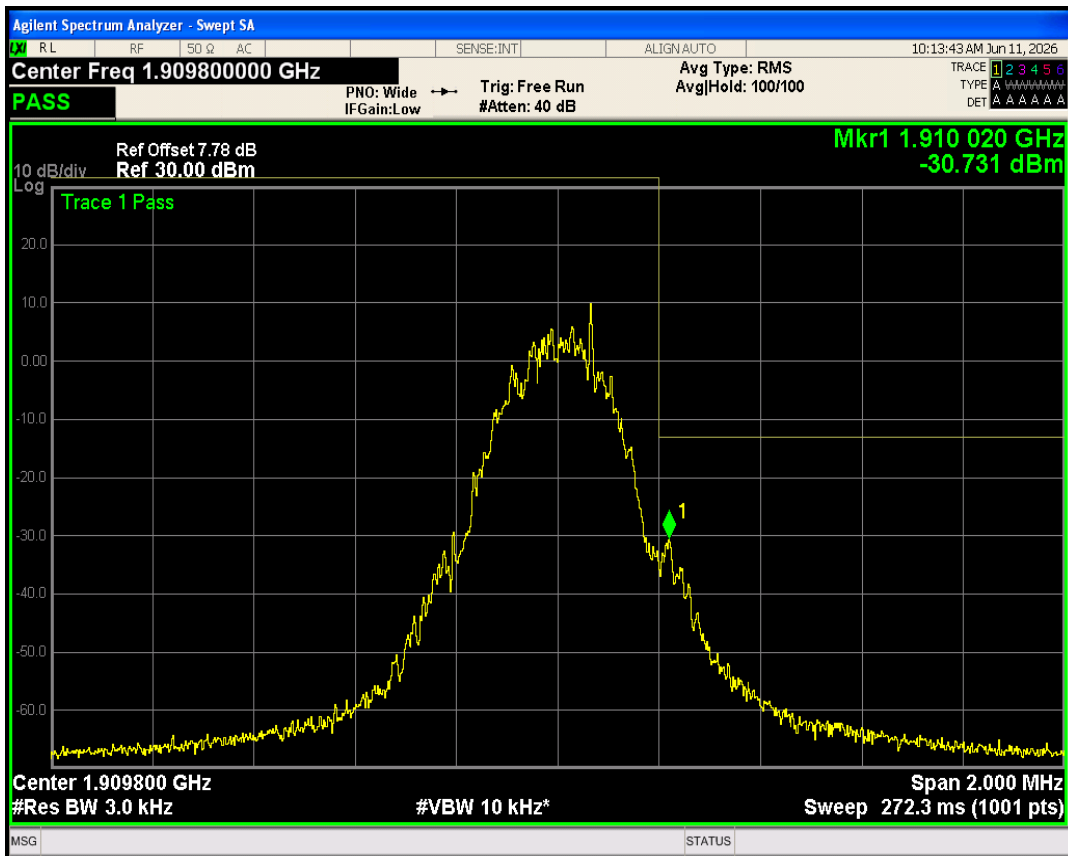
05 Band edge

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
GSM1900	512	1850.2	1850.00	-26.92	-13	PASS
GSM1900	810	1909.8	1910.02	-30.73	-13	PASS
GSM850	128	824.2	823.98	-27.91	-13	PASS
GSM850	251	848.8	849.02	-27.24	-13	PASS

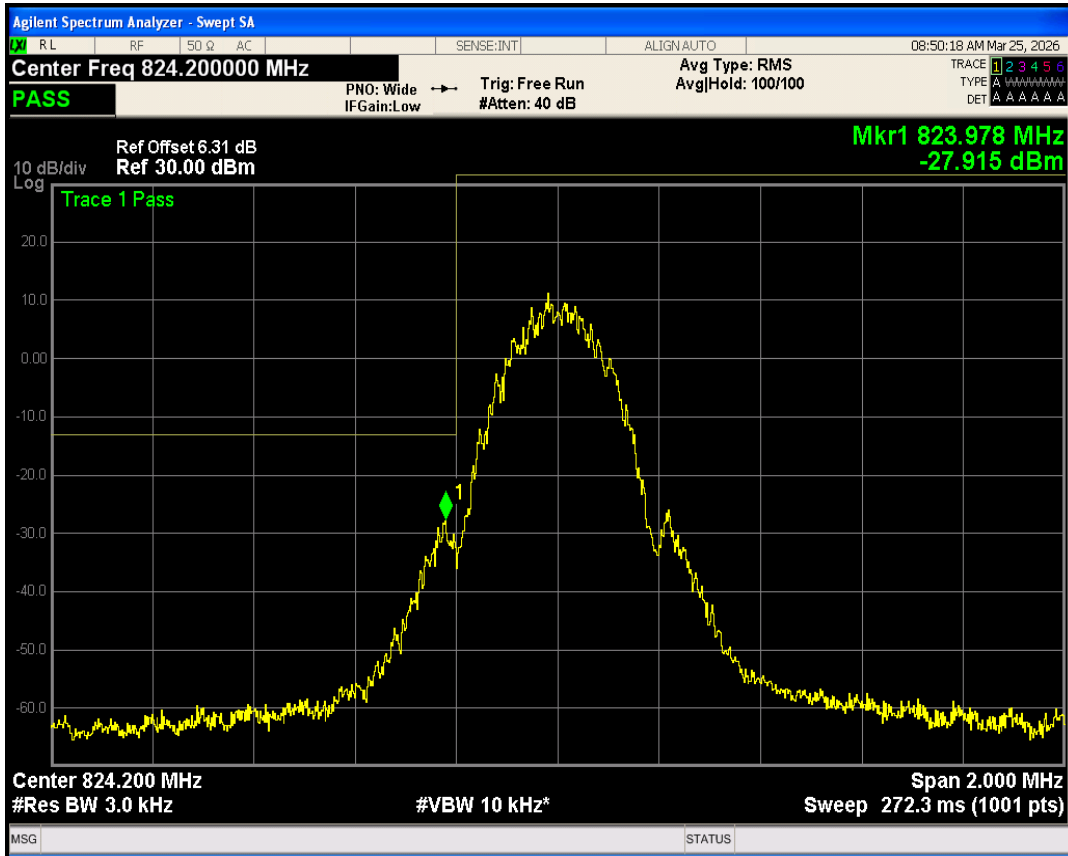
GSM1900 Channel=512



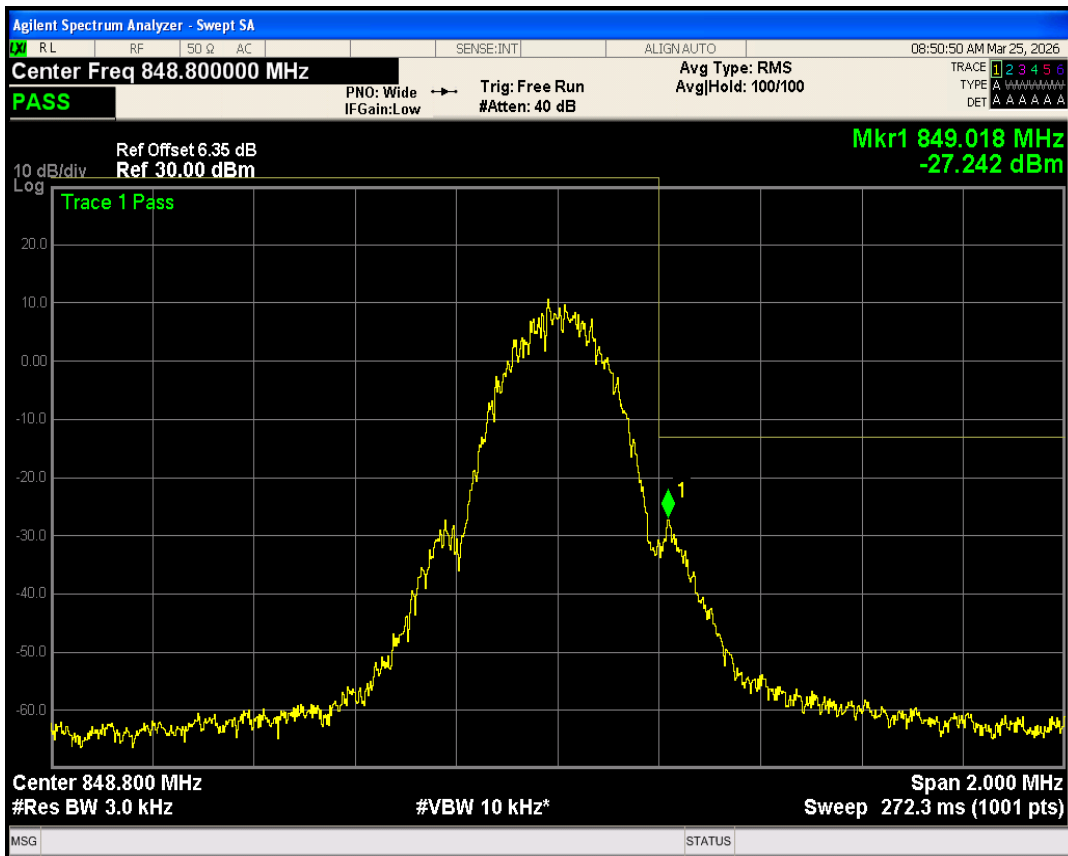
GSM1900 Channel=810



GSM850 Channel=128



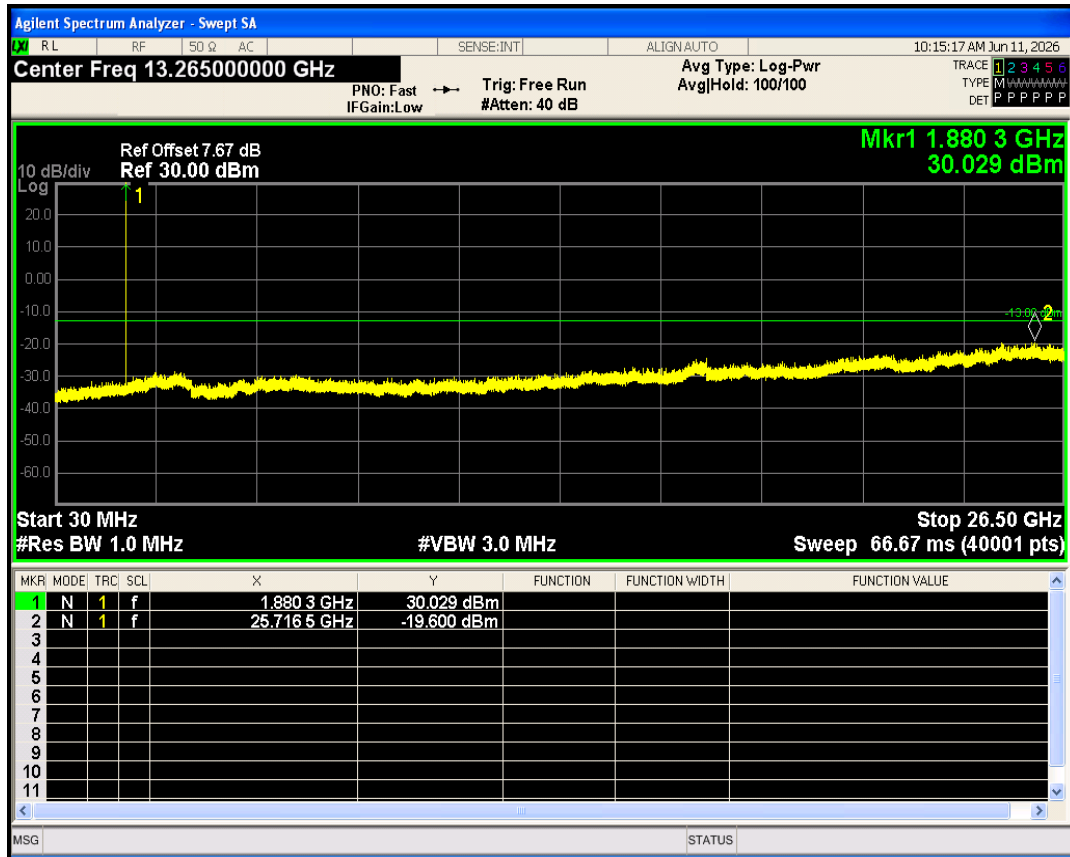
GSM850 Channel=251



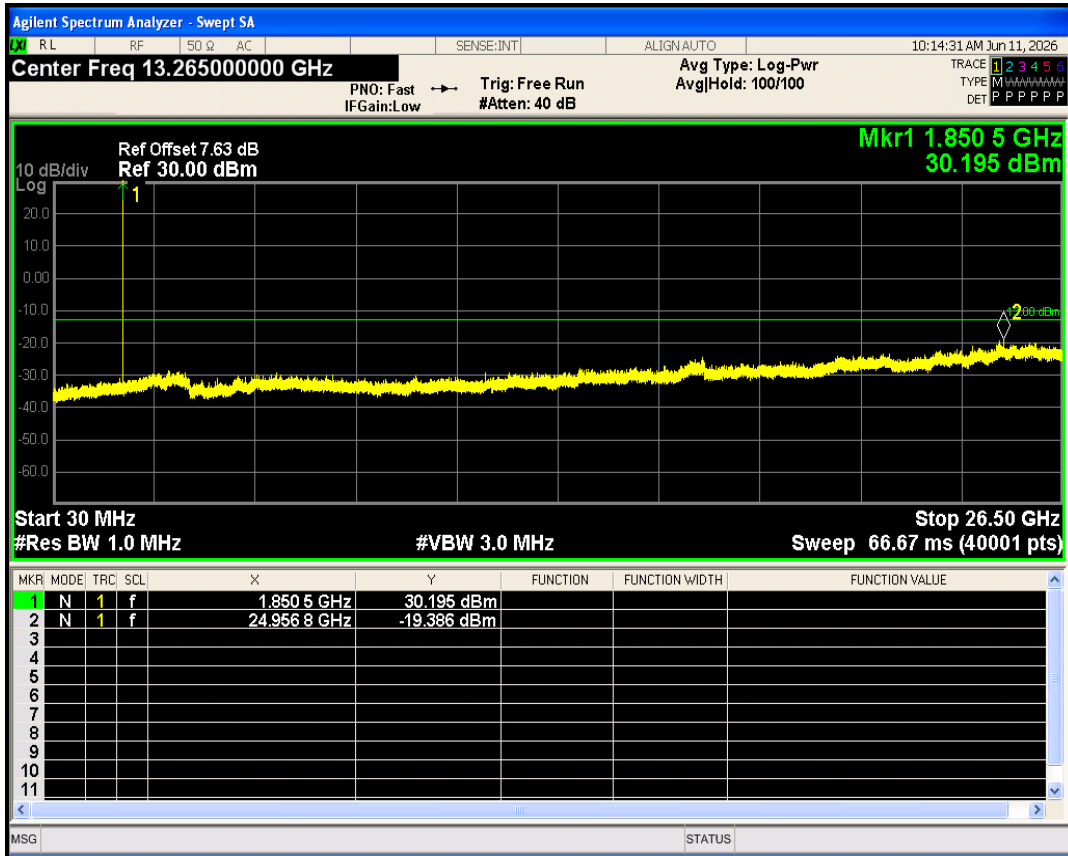
06 Out-of-band emissions

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
GSM1900	512	1850.2	24956.80	-19.38	-13	PASS
GSM1900	661	1880	25716.49	-19.59	-13	PASS
GSM1900	810	1909.8	25489.51	-18.77	-13	PASS
GSM850	128	824.2	817.48	-20.89	-13	PASS
GSM850	189	836.4	25629.80	-19.52	-13	PASS
GSM850	251	848.8	26092.36	-21.32	-13	PASS

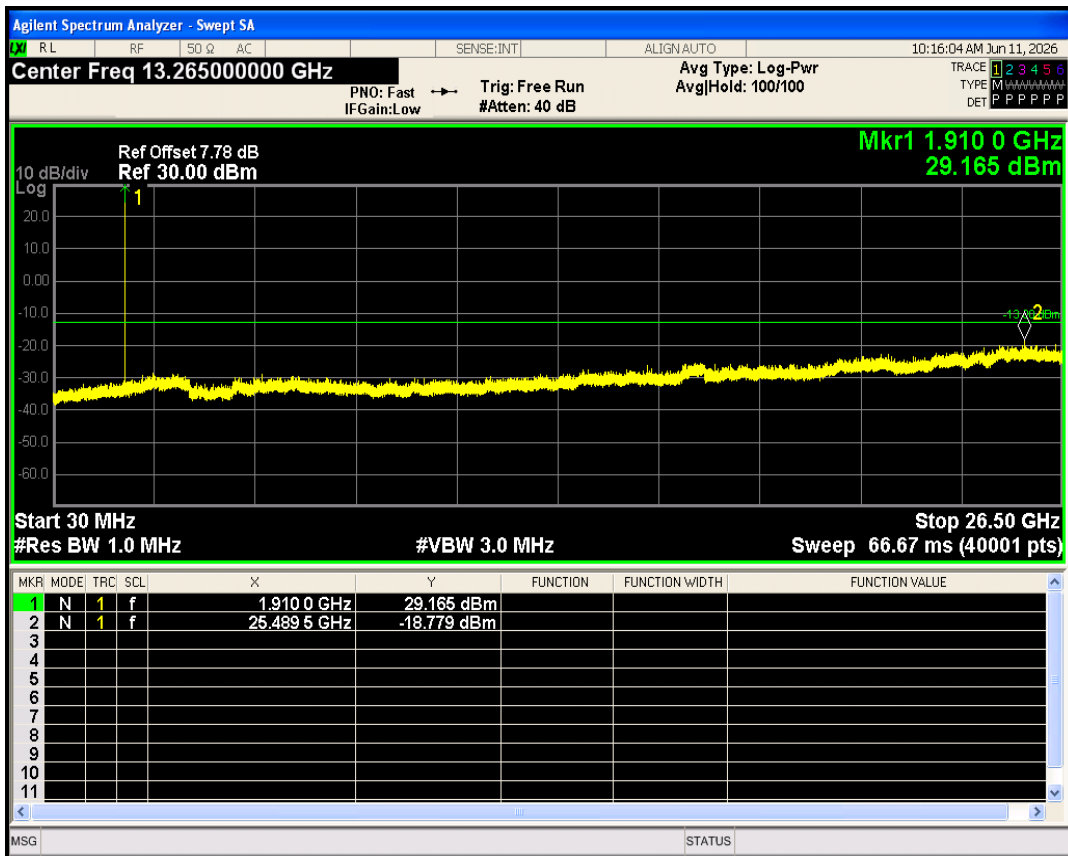
GSM1900 Channel=661



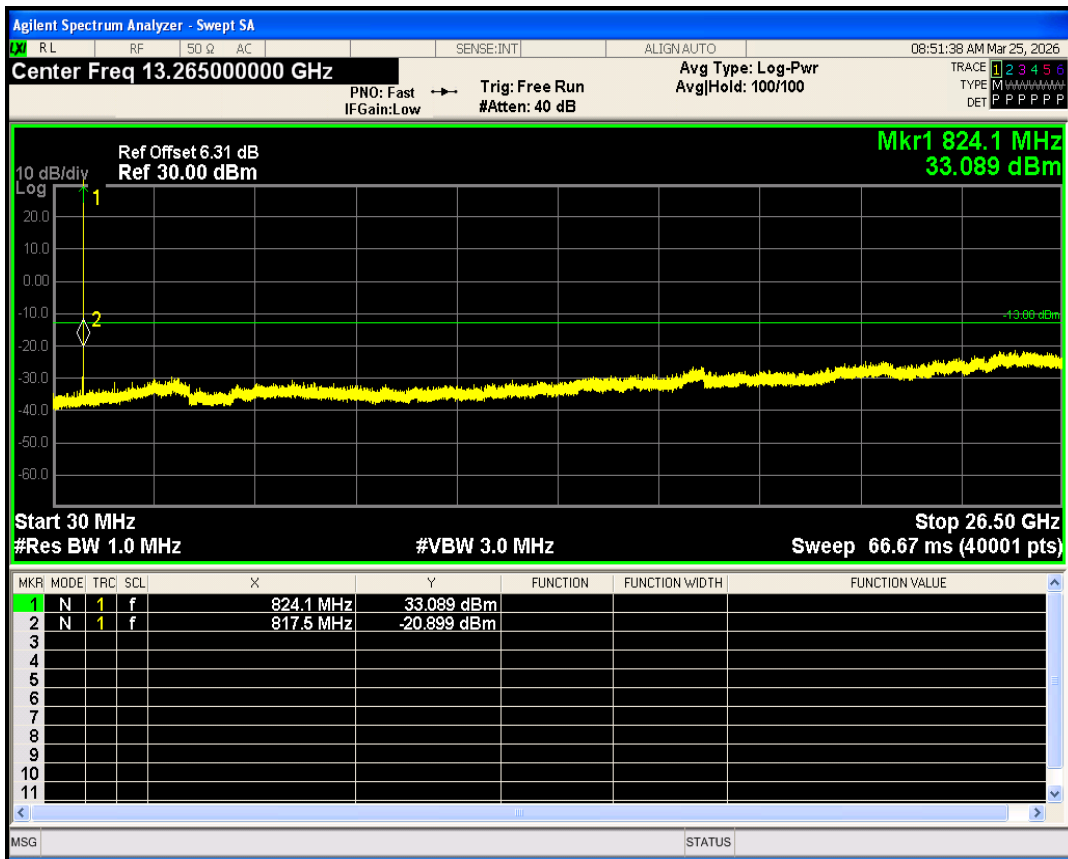
GSM1900 Channel=512



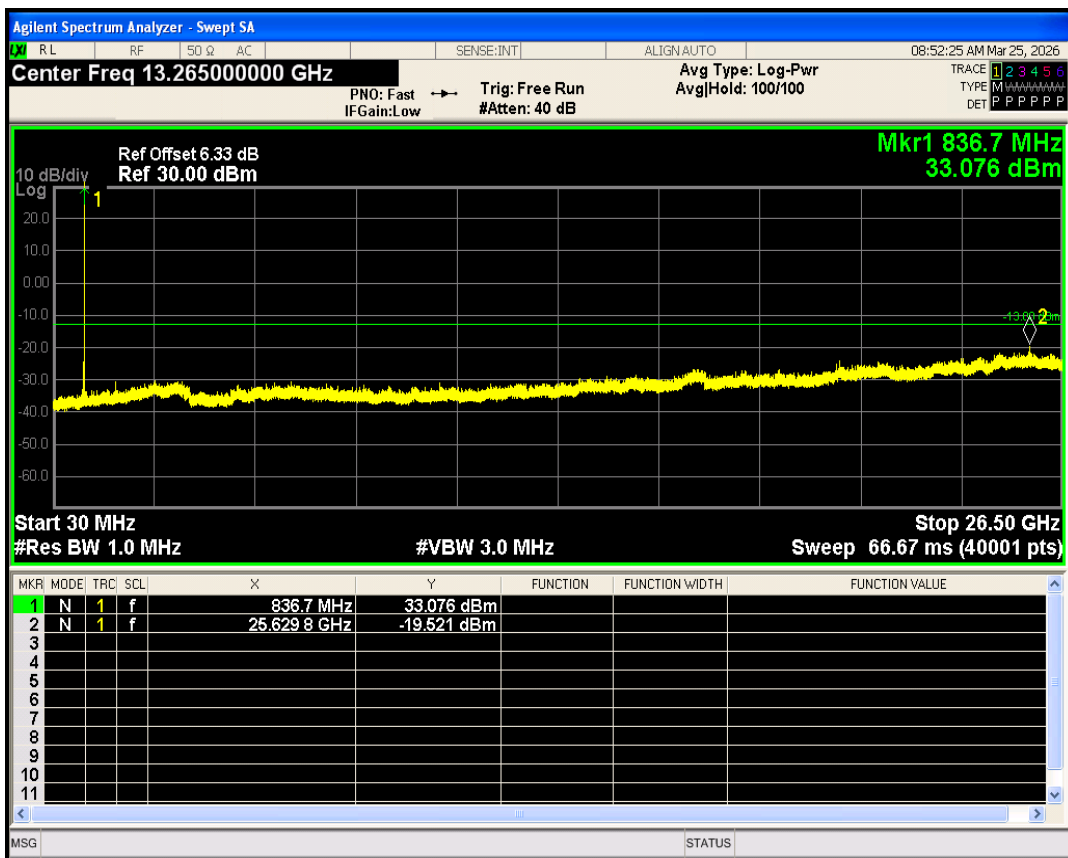
GSM1900 Channel=810



GSM850 Channel=128



GSM850 Channel=189



GSM850 Channel=251

