

ANNEX-1

FCC Part 15C Test Report

FCC ID: 2BLHH-AT0003

IC: 33113-AT0003

Applicant: AUTHOR-ALARM d.o.o.

Address: Koroska ulica 26, 1000 Ljubljana, Slovenia

Manufacturer: SHENZHEN SUNTA ELECTRONICS CO., LIMITED

Address: Room 409, 12th Building, 2nd Unit, Majinghua, Xiyueli, Longgang street, Longgang District, Shenzhen City

EUT: TELE Compass 2 4G

Trade Mark: AUTHOR

Model Number: At-0003
At-0003e, LBC_4g v.2.3.2, AT-0002, AT-0002e, LBC 2G v.2.3.3, AT-0004e, AT-0005e, AT-0007e, AT-0013e, AT-0015e, AT-0017e

Date of Receipt: Jul. 26, 2024

Test Date: Jul. 26, 2024 - Oct. 22, 2024

Date of Report: Oct. 22, 2024

Prepared By: Shenzhen DL Testing Technology Co., Ltd.

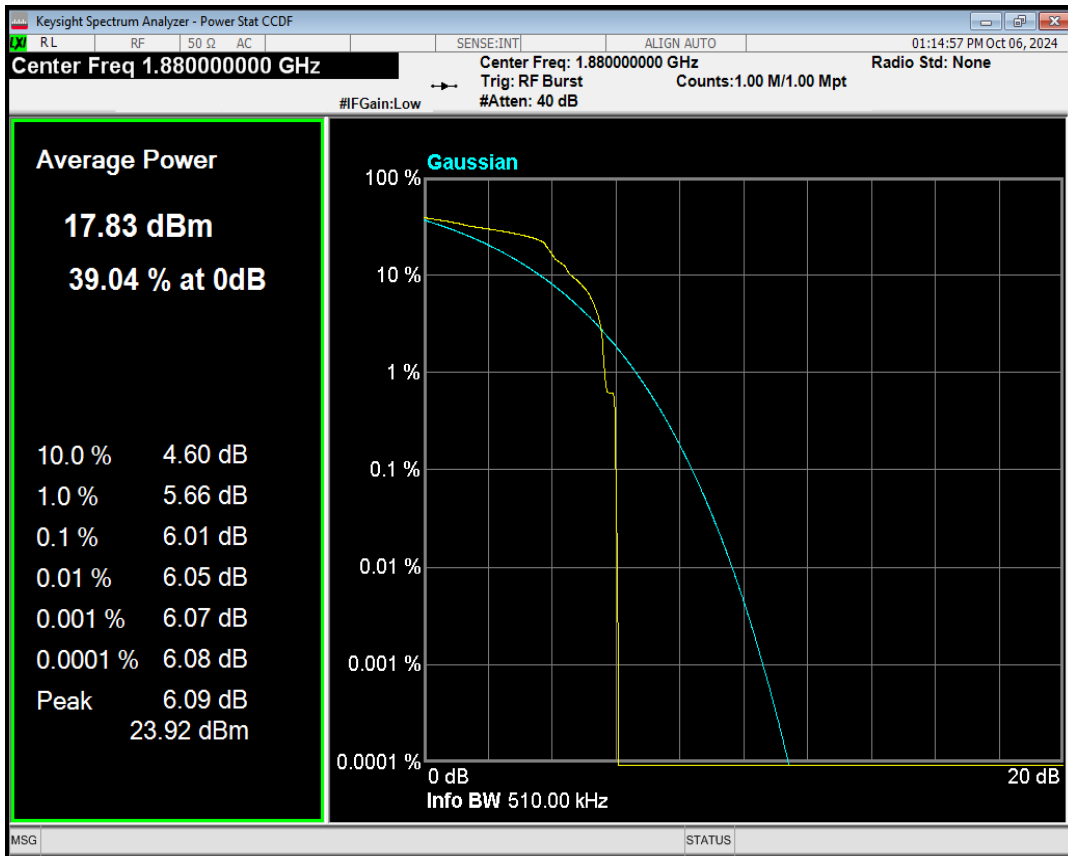
Address: 101-201, Building C, Shuanghuan, No.8, Baoqing Road, Baolong Industrial Zone, Baolong Street, Longgang District, Shenzhen, Guangdong, China

Test Result: Pass

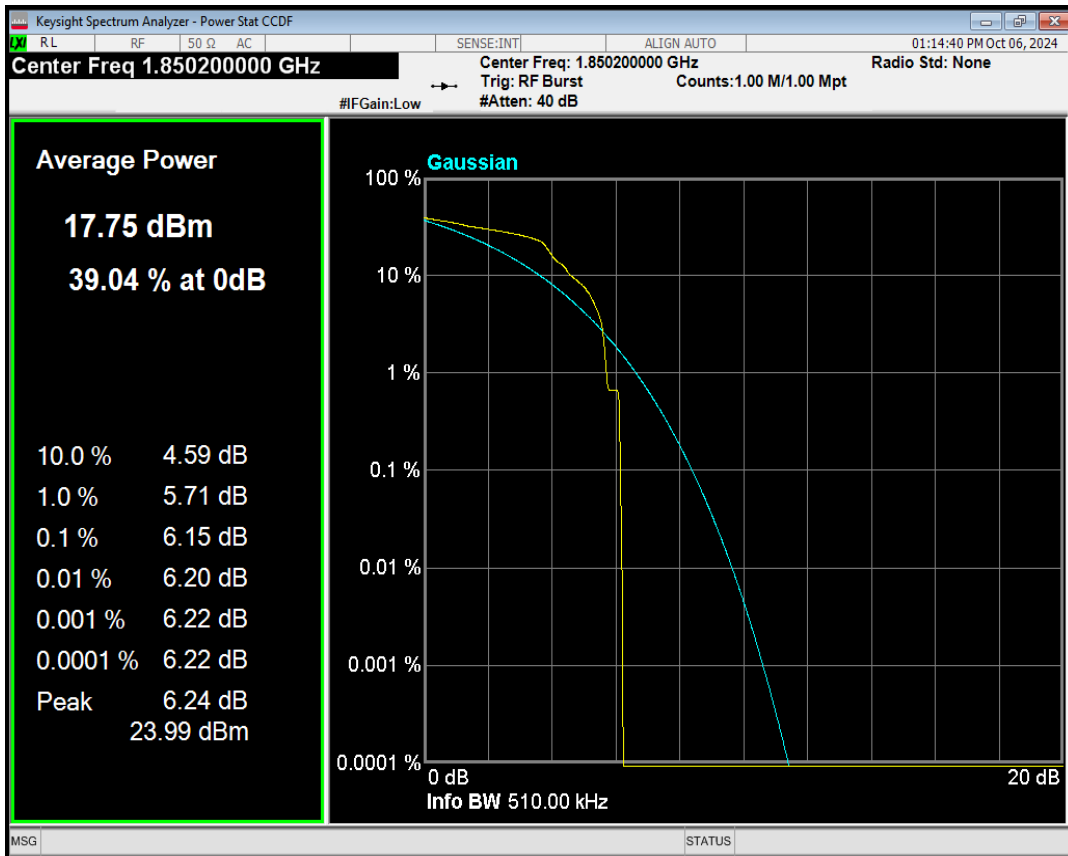
15 Peak-to-Average Ratio

Band	Channel	Frequency (MHz)	Result (dB)	high Limit (dB)	Verdict
EGPRS1900	512	1850.2	6.149367284	13.00	PASS
EGPRS1900	661	1880	6.006108202	13.00	PASS
EGPRS1900	810	1909.8	5.898126984	13.00	PASS
EGPRS850	128	824.2	8.583881579	13.00	PASS
EGPRS850	190	836.6	8.69254902	13.00	PASS
EGPRS850	251	848.8	8.457229299	13.00	PASS

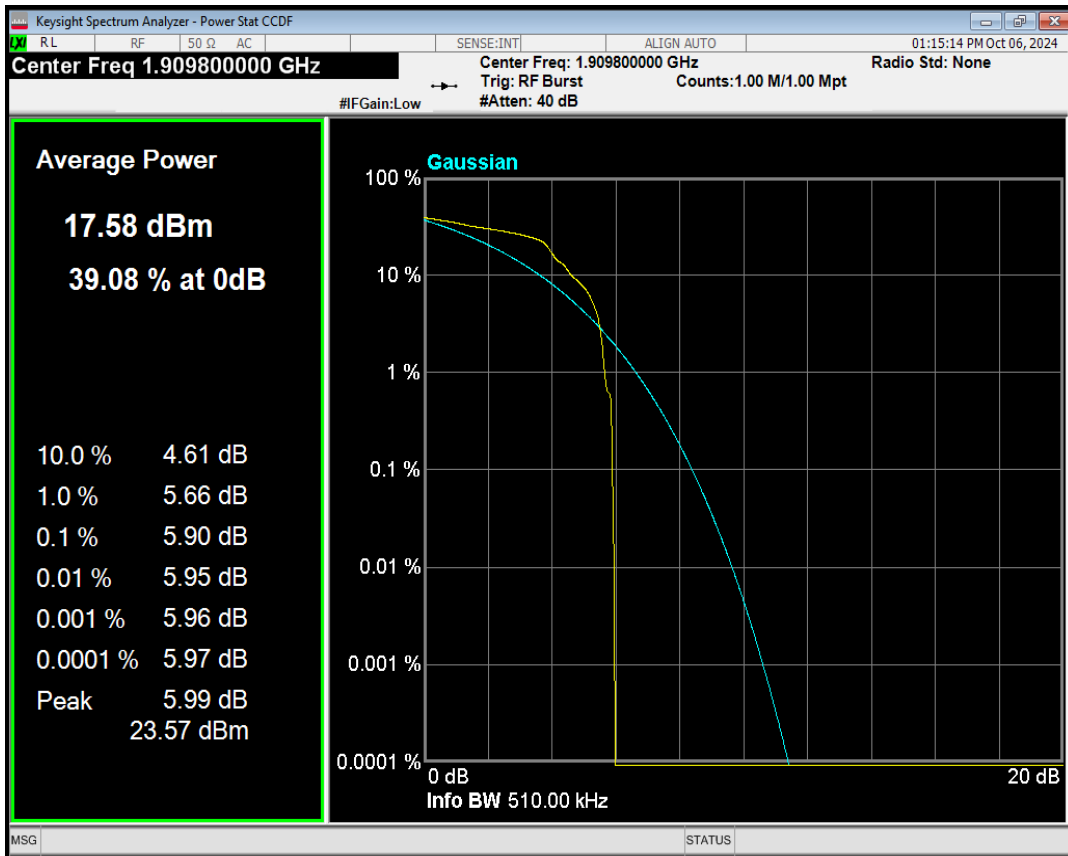
EGPRS1900 Channel=661



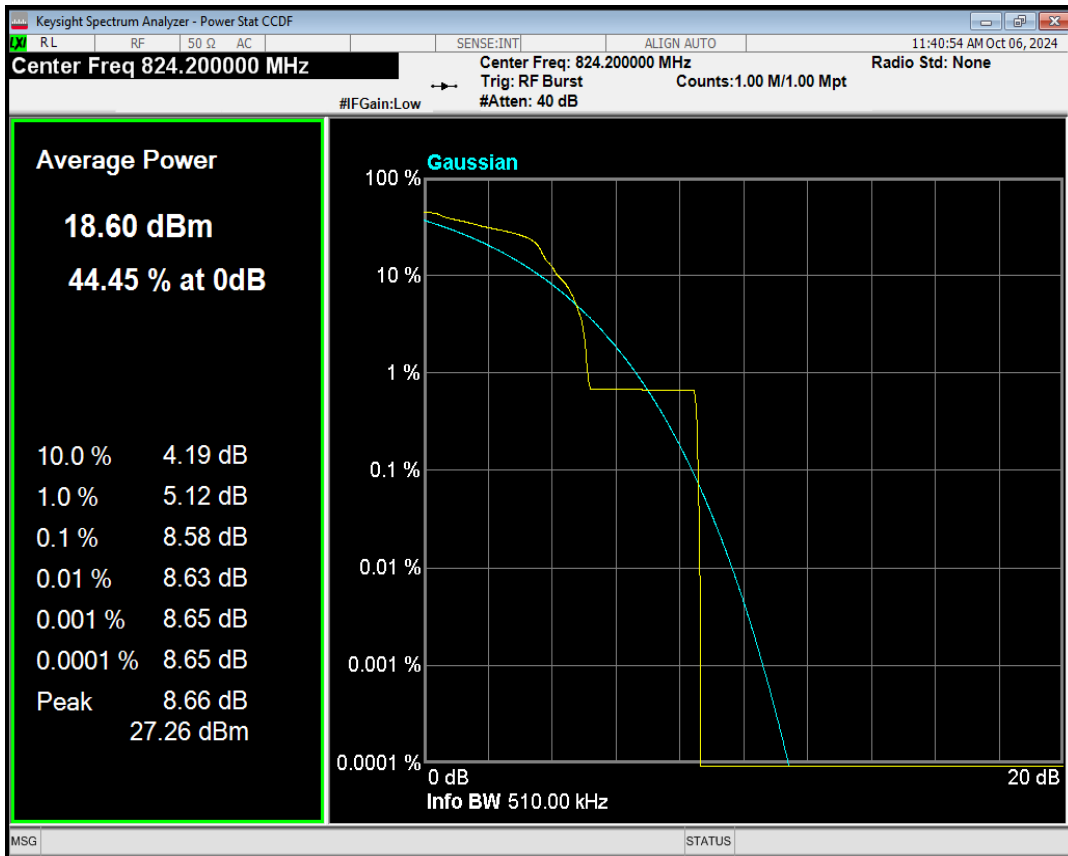
EGPRS1900 Channel=512



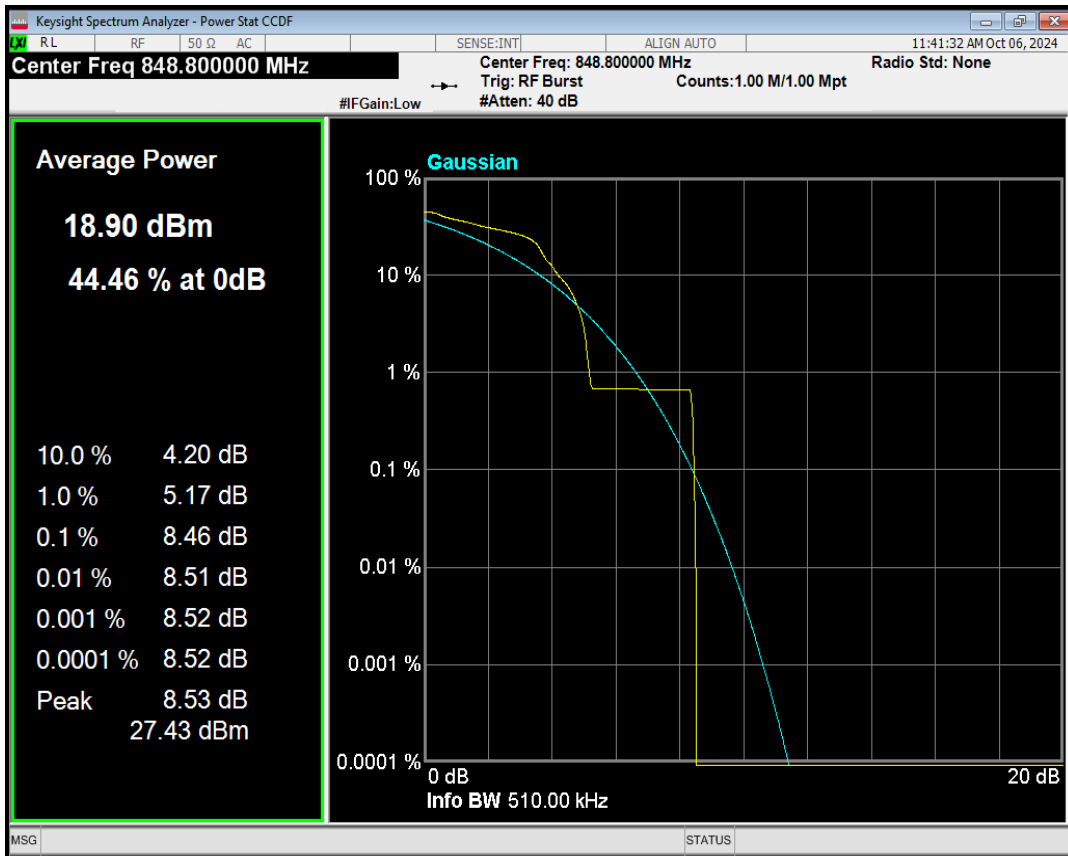
EGPRS1900 Channel=810



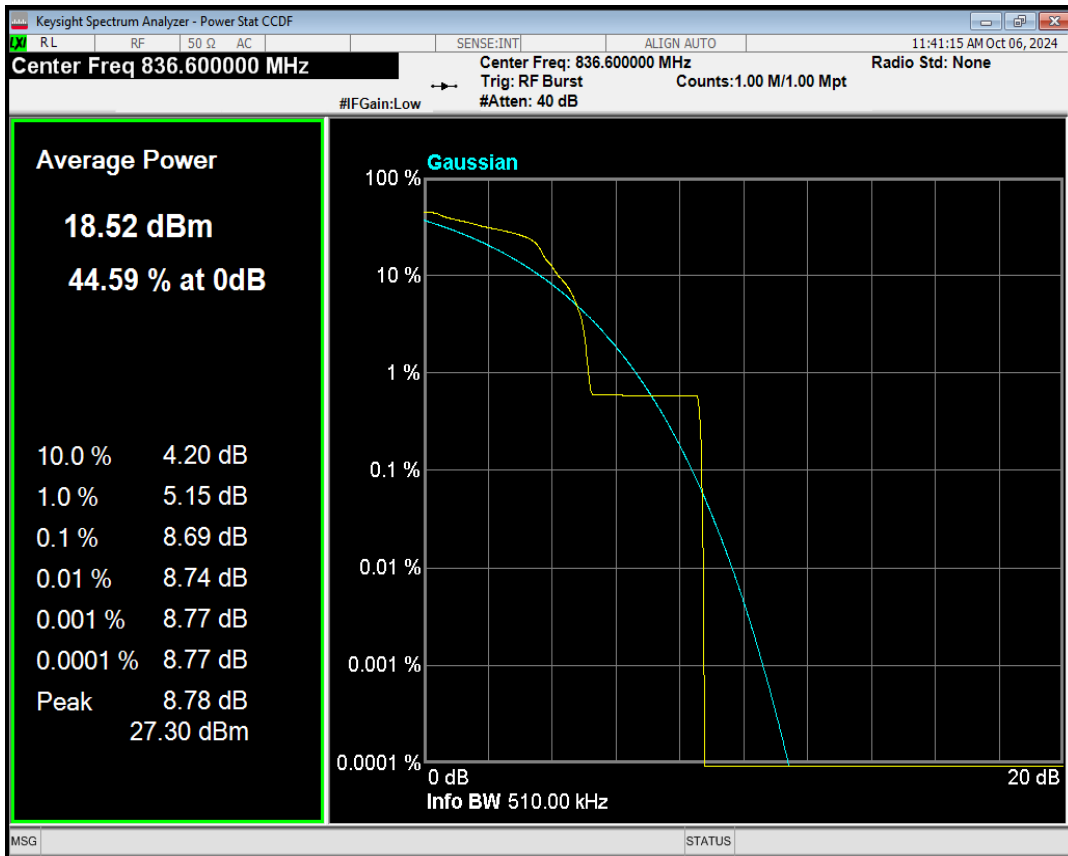
EGPRS850 Channel=128



EGPRS850 Channel=251



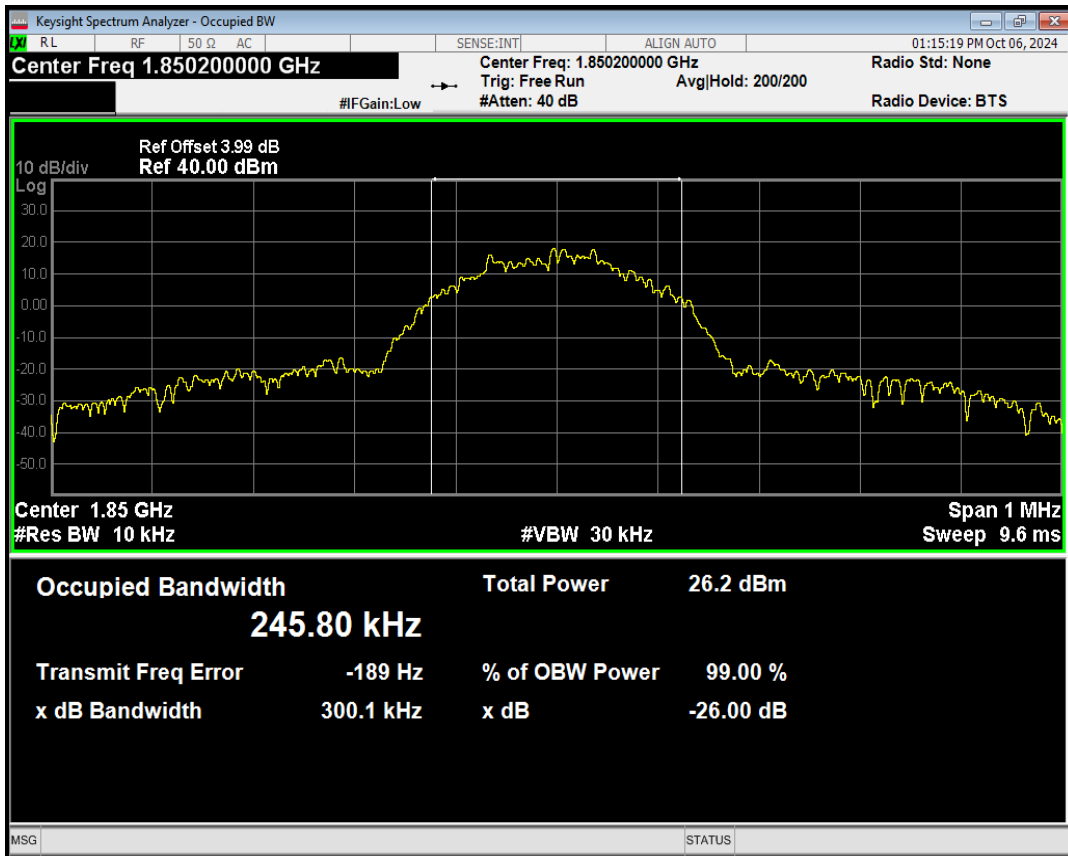
EGPRS850 Channel=190



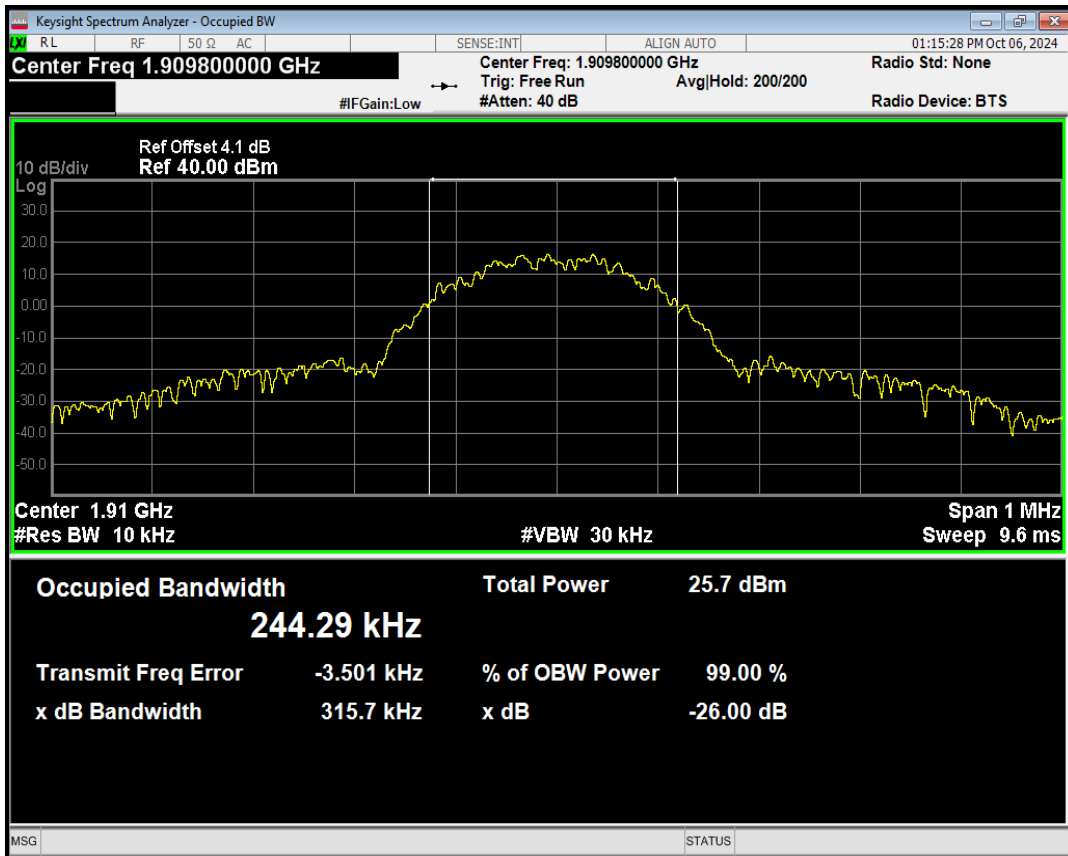
16 Occupied bandwidth

Band	Channel	Frequency (MHz)	99% OBW (kHz)	-26dB EBW (kHz)	Verdict
EGPRS1900	512	1850.2	245.805	300.060	PASS
EGPRS1900	661	1880	243.316	306.783	PASS
EGPRS1900	810	1909.8	244.286	315.664	PASS
EGPRS850	128	824.2	255.455	321.115	PASS
EGPRS850	190	836.6	249.964	322.478	PASS
EGPRS850	251	848.8	242.872	300.733	PASS

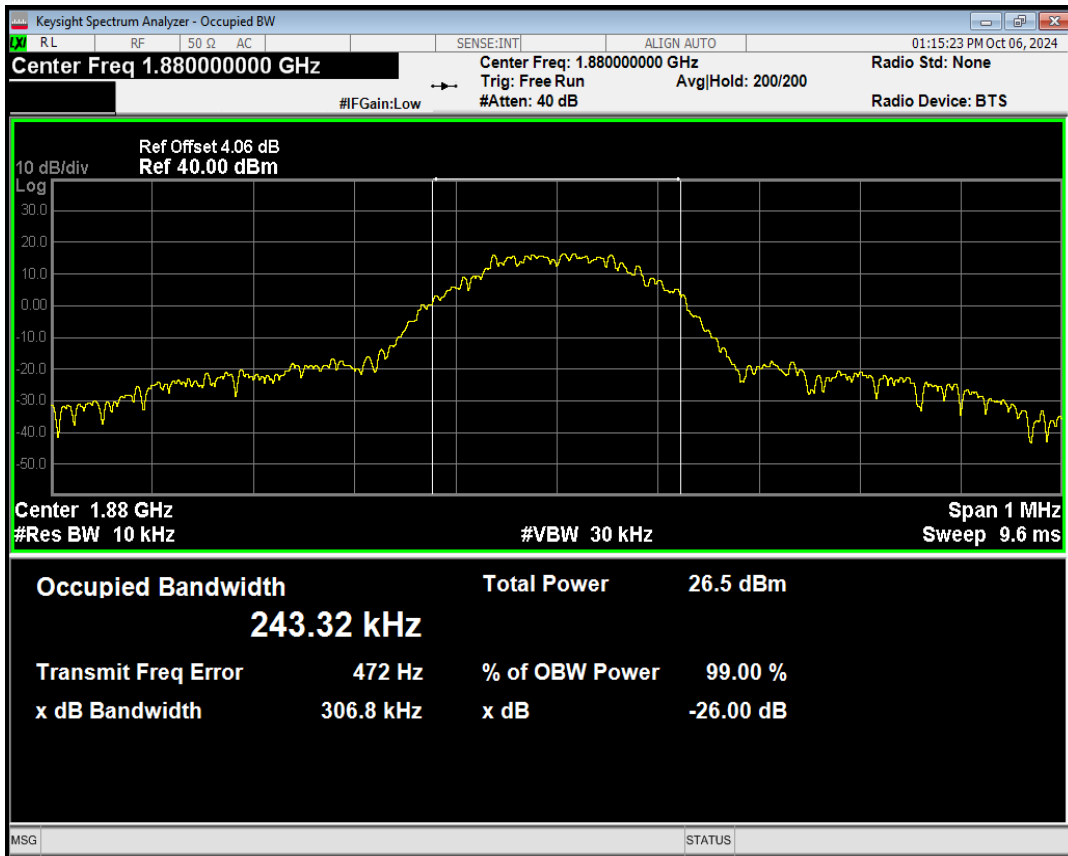
EGPRS1900 Channel=512



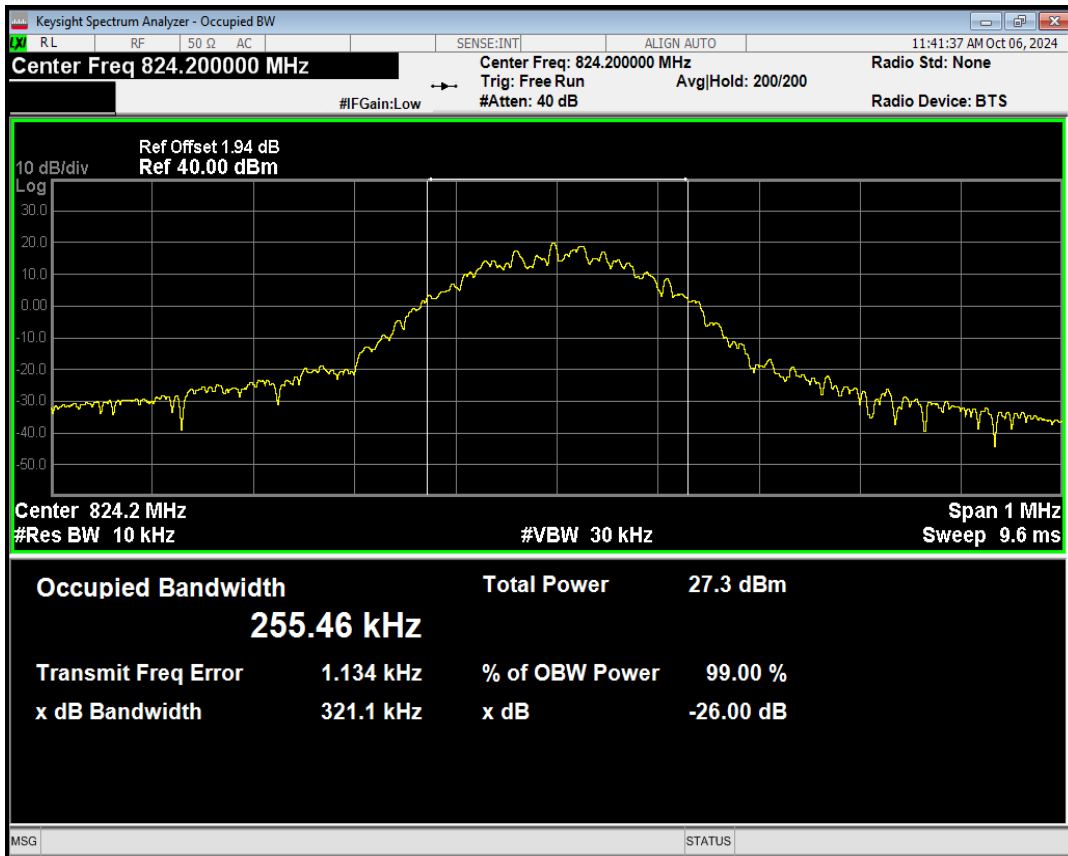
EGPRS1900 Channel=810



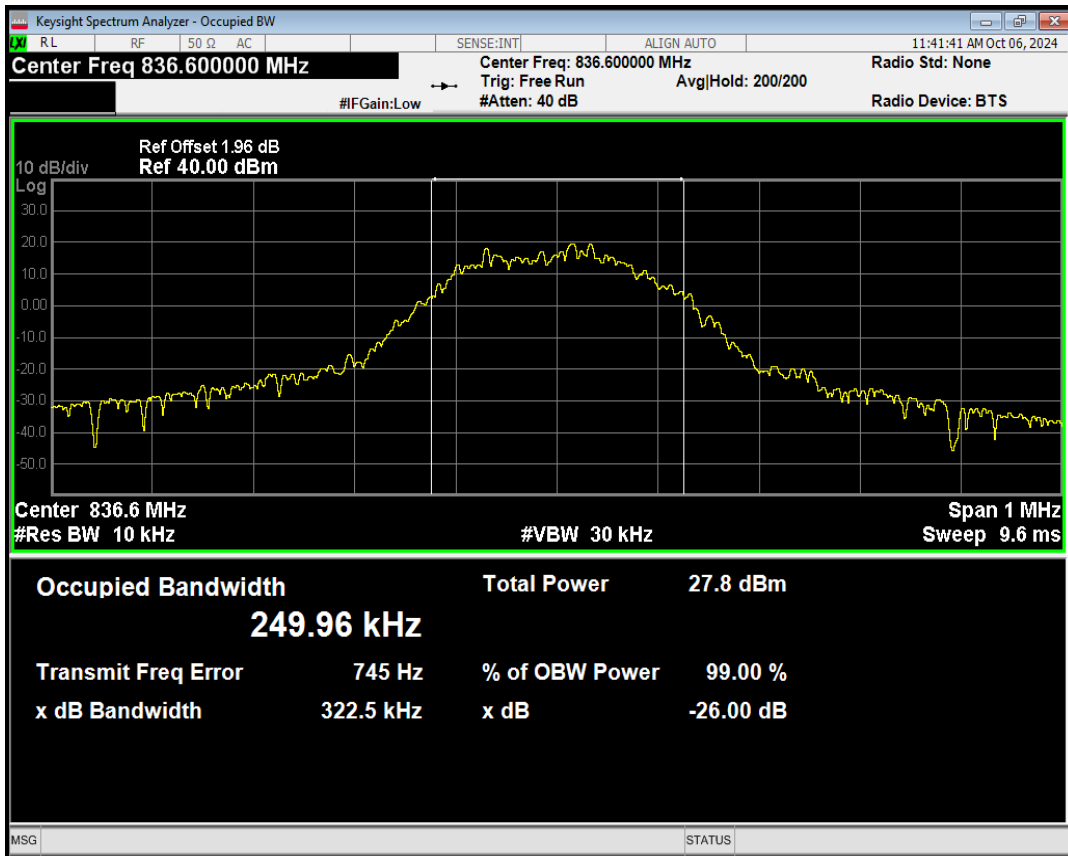
EGPRS1900 Channel=661



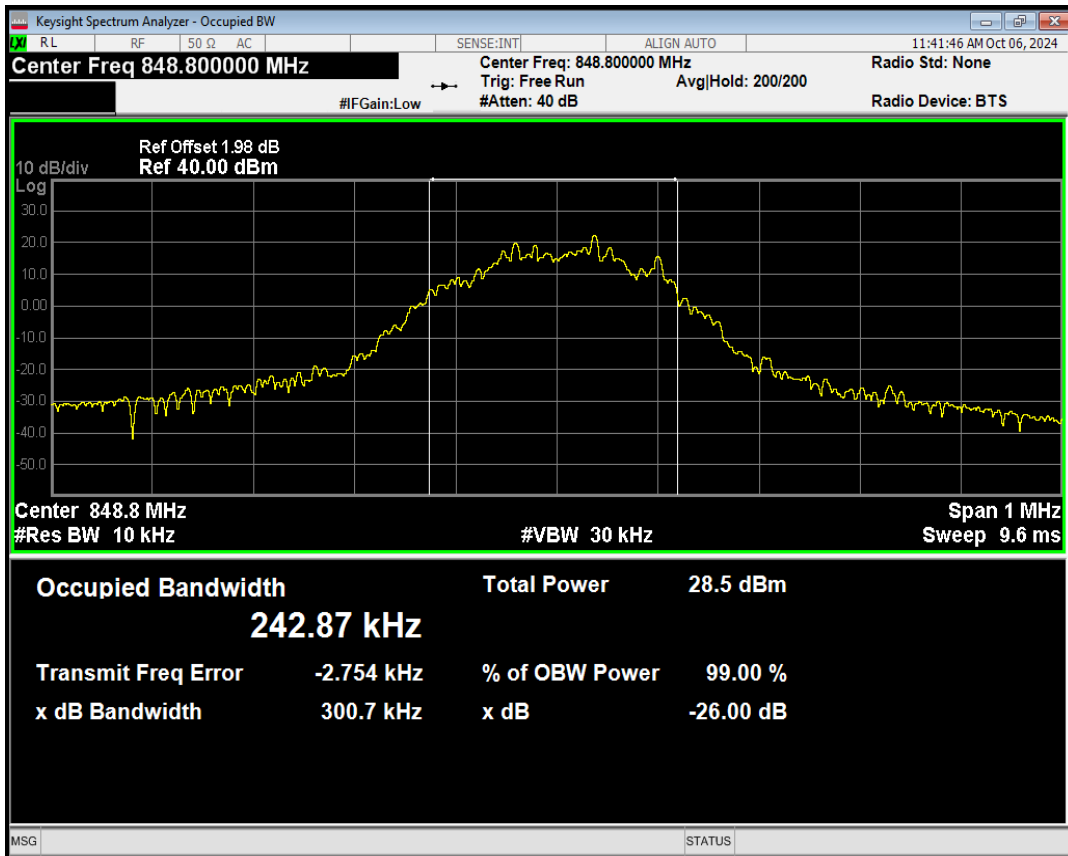
EGPRS850 Channel=128



EGPRS850 Channel=190



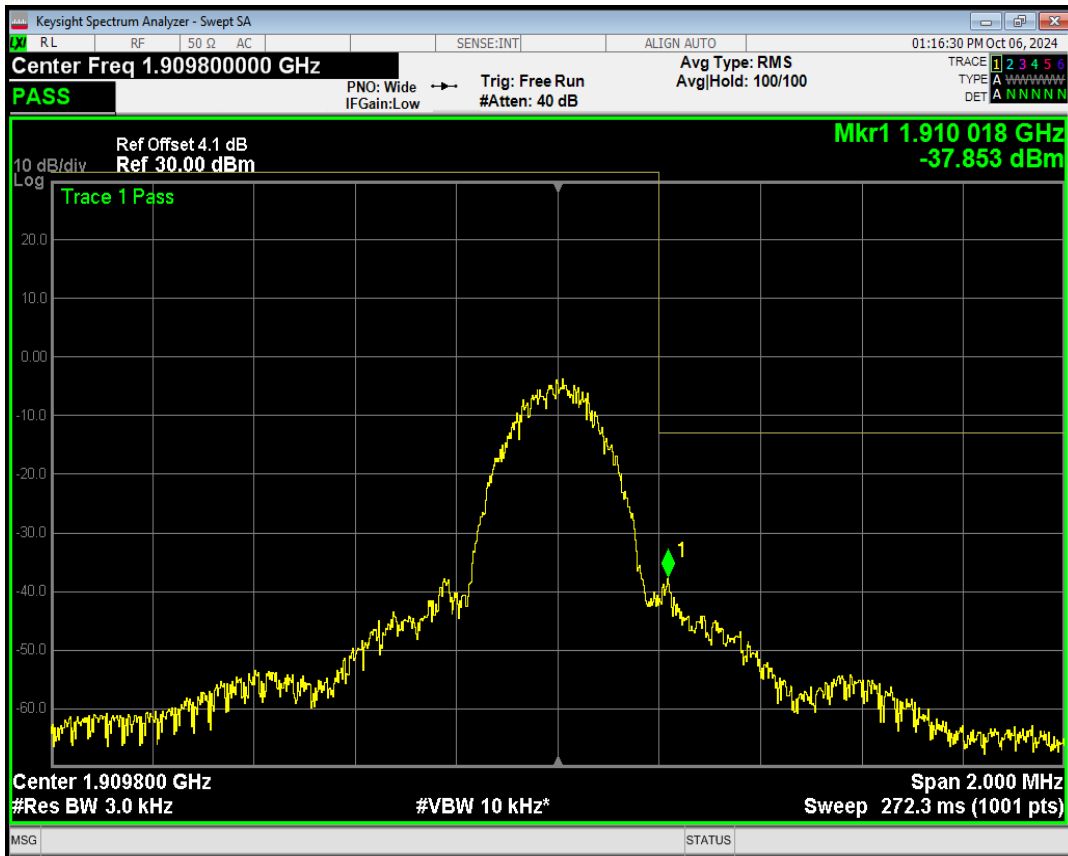
EGPRS850 Channel=251



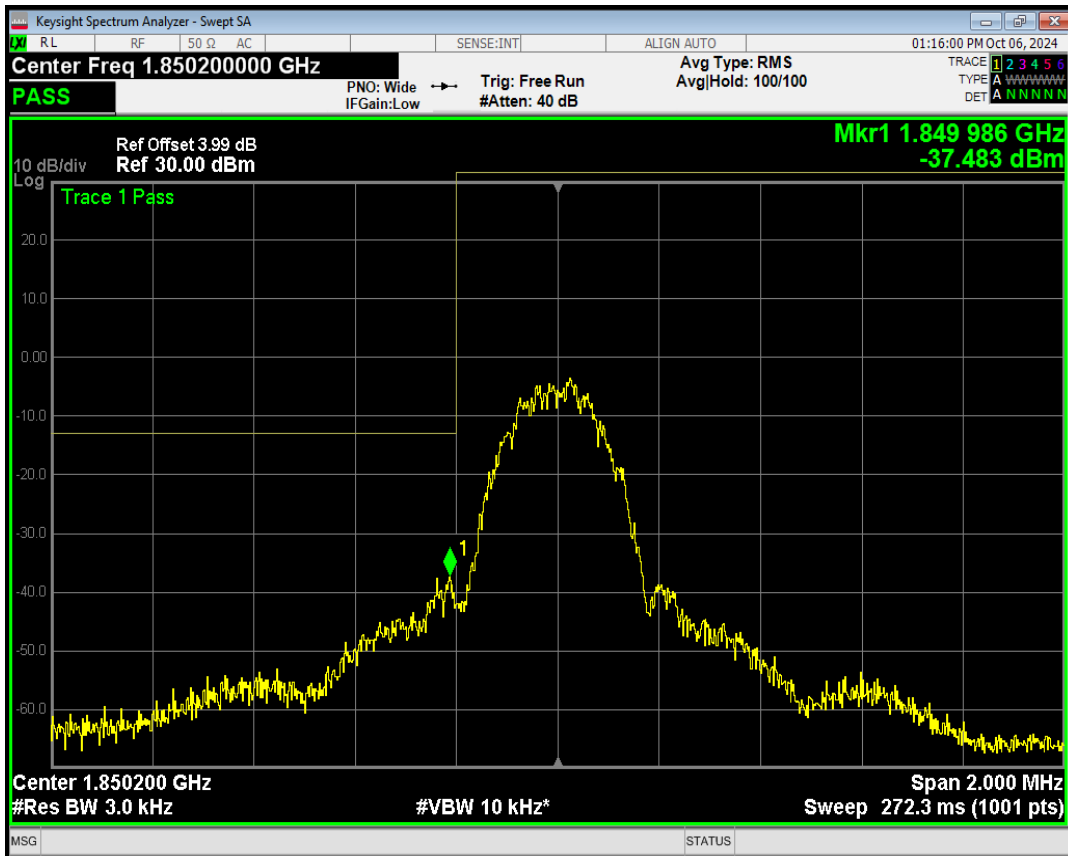
17 Band edge

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
EGPRS1900	512	1850.2	1849.99	-37.48	-13	PASS
EGPRS1900	810	1909.8	1910.02	-37.85	-13	PASS
EGPRS850	128	824.2	823.99	-38.56	-13	PASS
EGPRS850	251	848.8	849.00	-37.91	-13	PASS

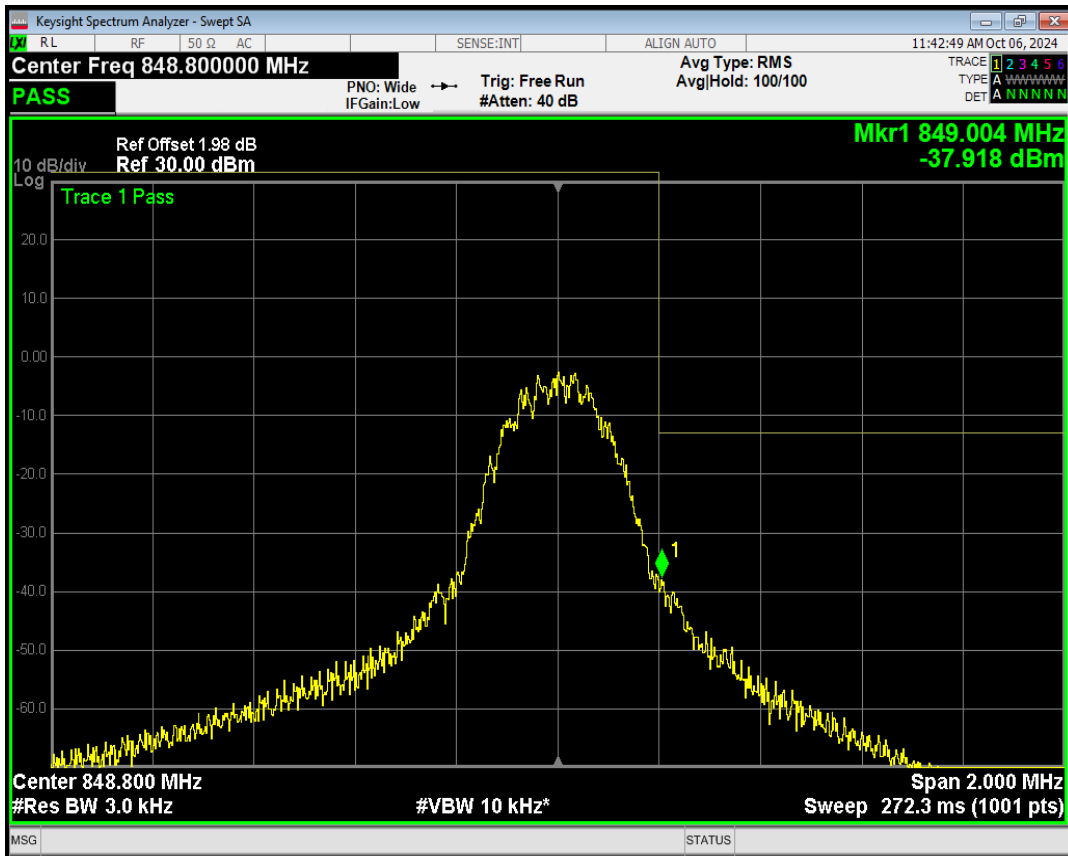
EGPRS1900 Channel=810



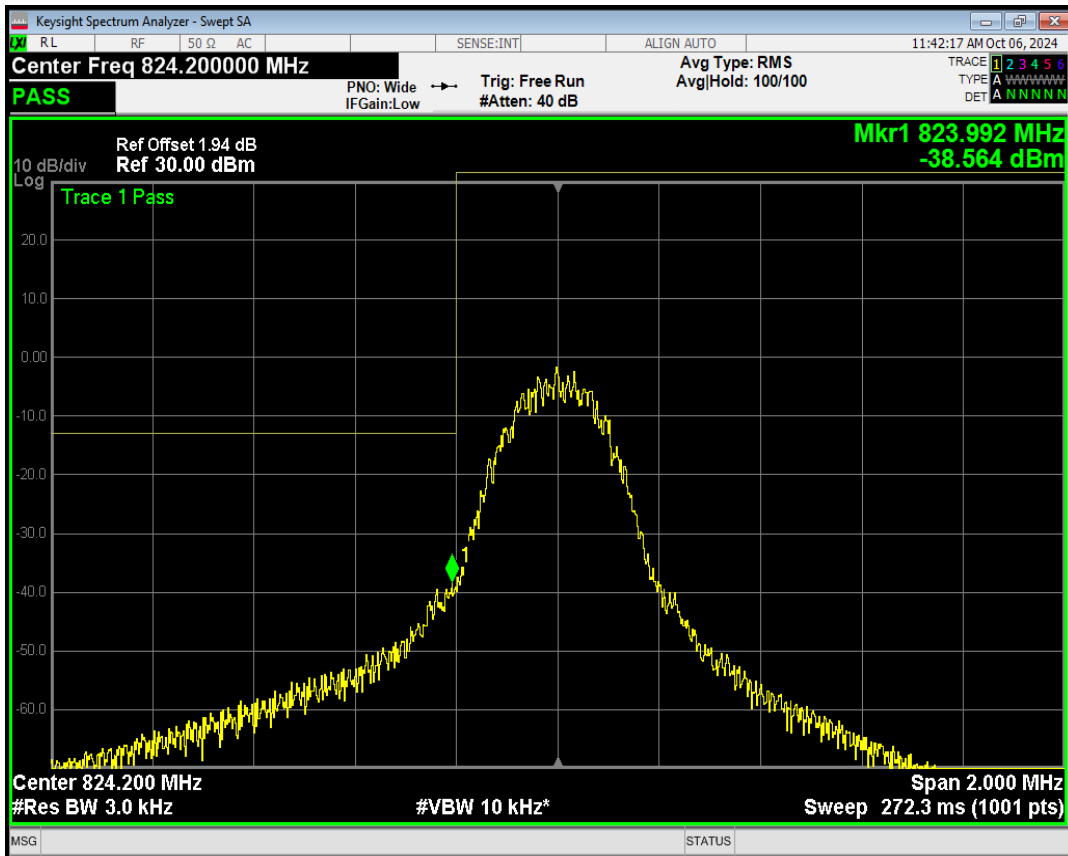
EGPRS1900 Channel=512



EGPRS850 Channel=251



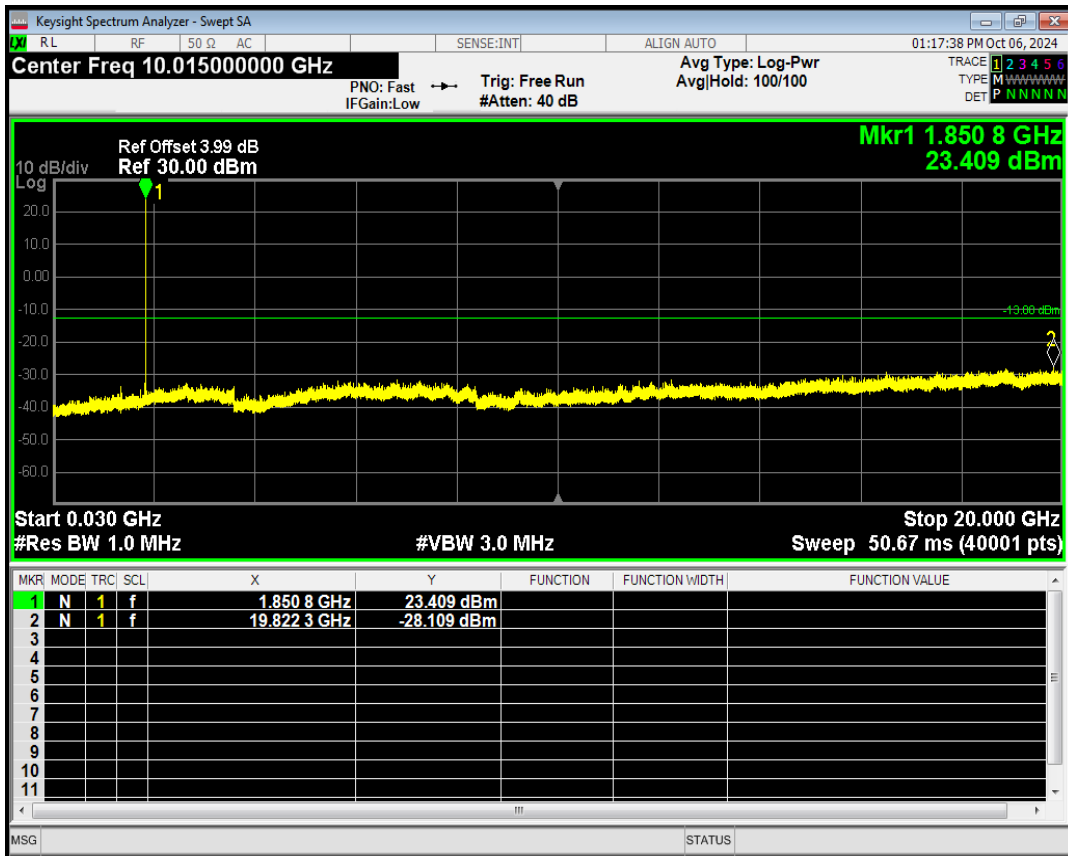
EGPRS850 Channel=128



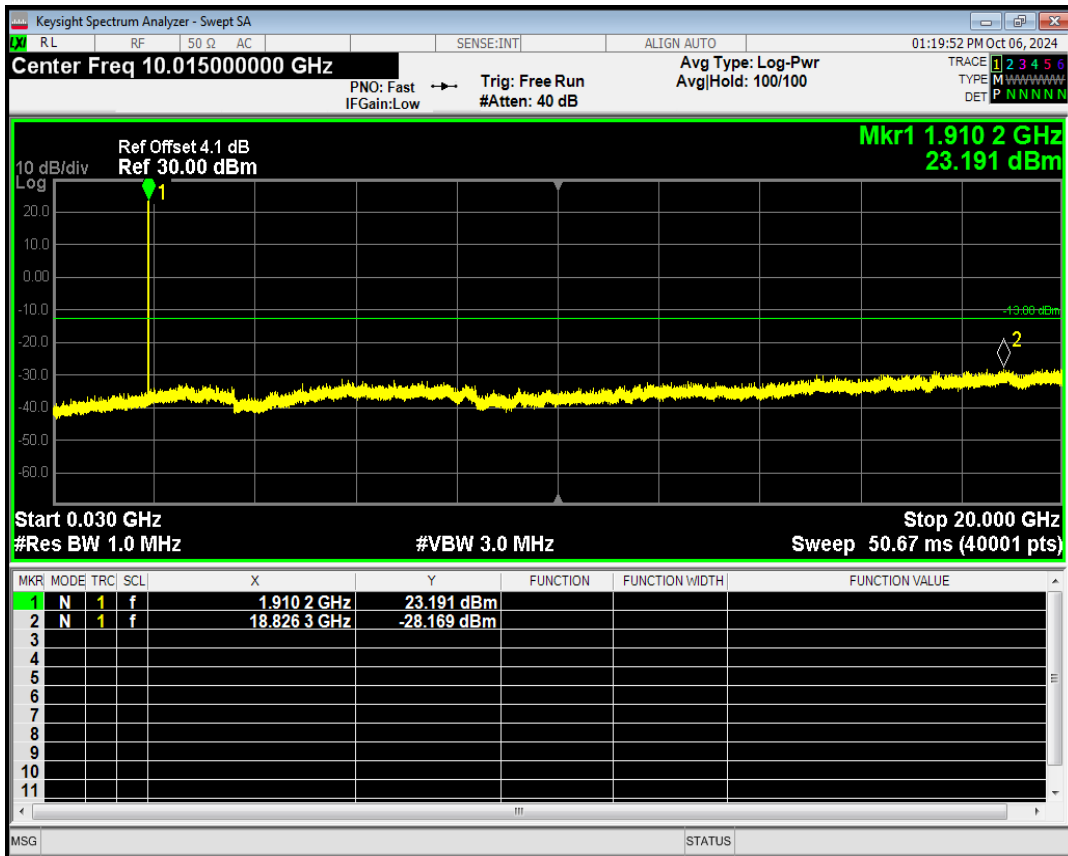
18 Out-of-band emissions

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
EGPRS1900	512	1850.2	19822.27	-28.10	-13	PASS
EGPRS1900	661	1880	18913.63	-28.26	-13	PASS
EGPRS1900	810	1909.8	18826.26	-28.16	-13	PASS
EGPRS850	128	824.2	7301.87	-33.67	-13	PASS
EGPRS850	190	836.6	6685.97	-33.03	-13	PASS
EGPRS850	251	848.8	7802.86	-33.23	-13	PASS

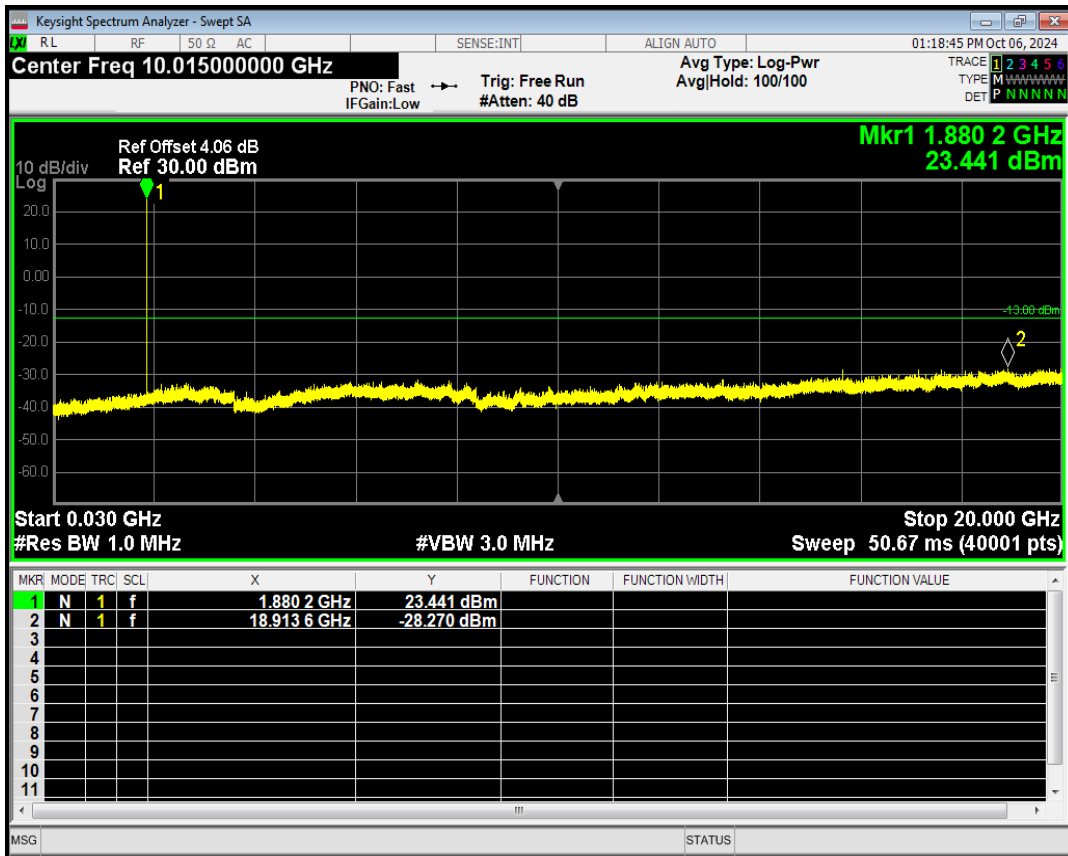
EGPRS1900 Channel=512



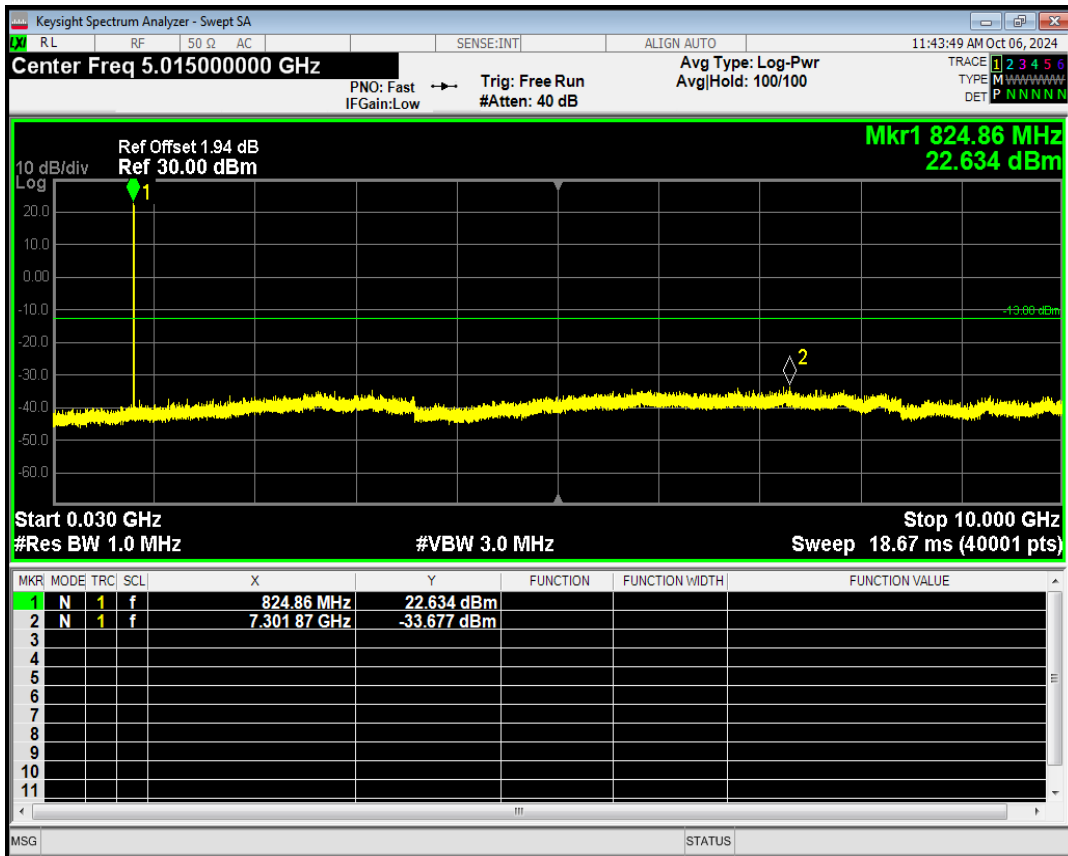
EGPRS1900 Channel=810



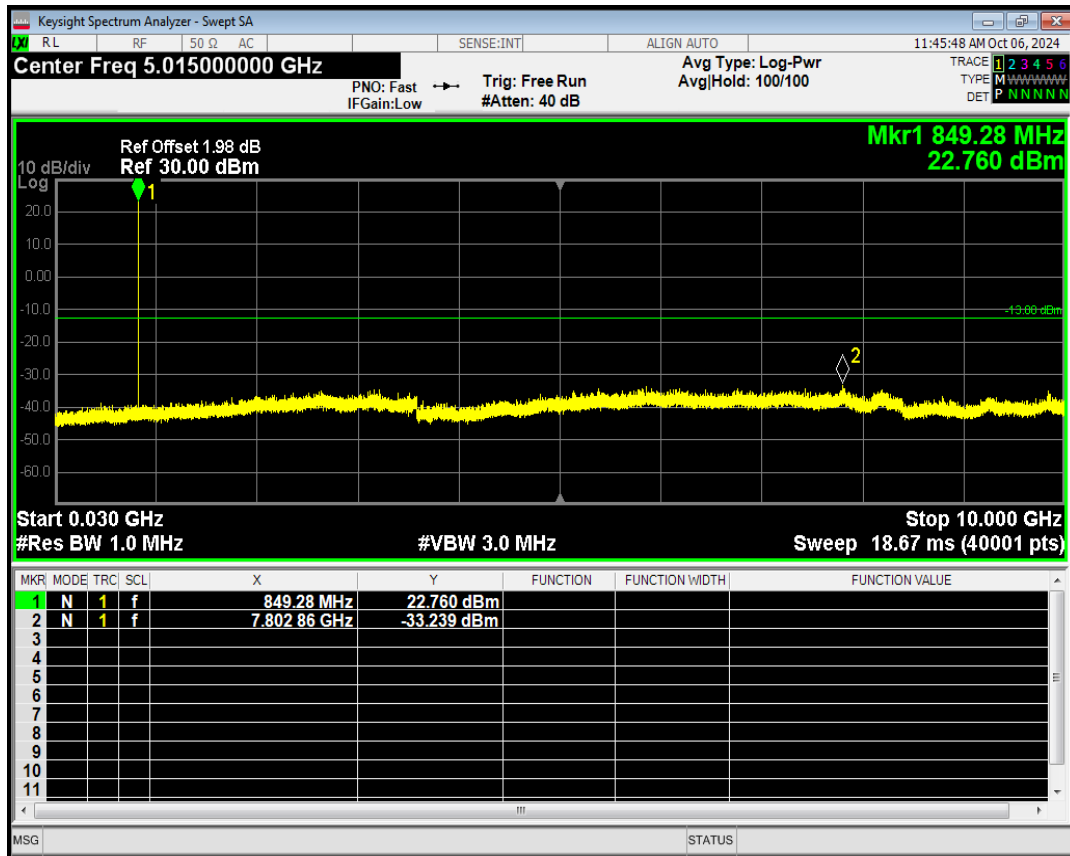
EGPRS1900 Channel=661



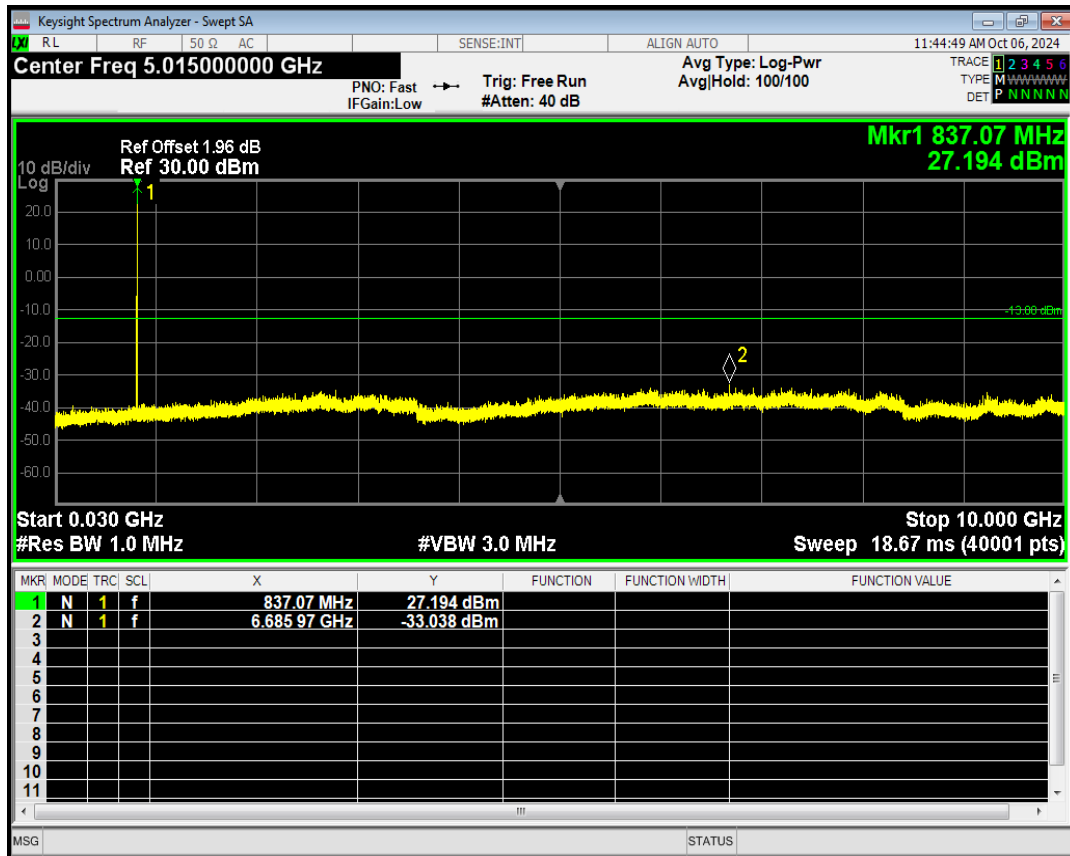
EGPRS850 Channel=128



EGPRS850 Channel=251



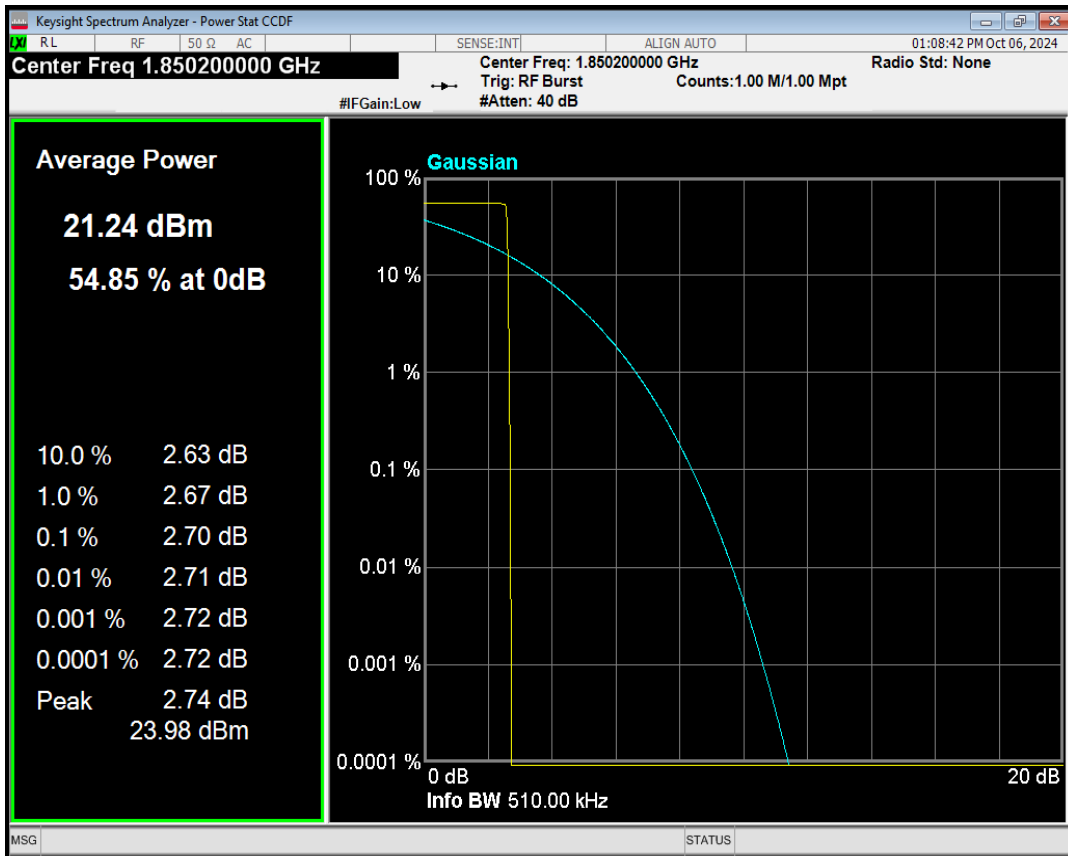
EGPRS850 Channel=190



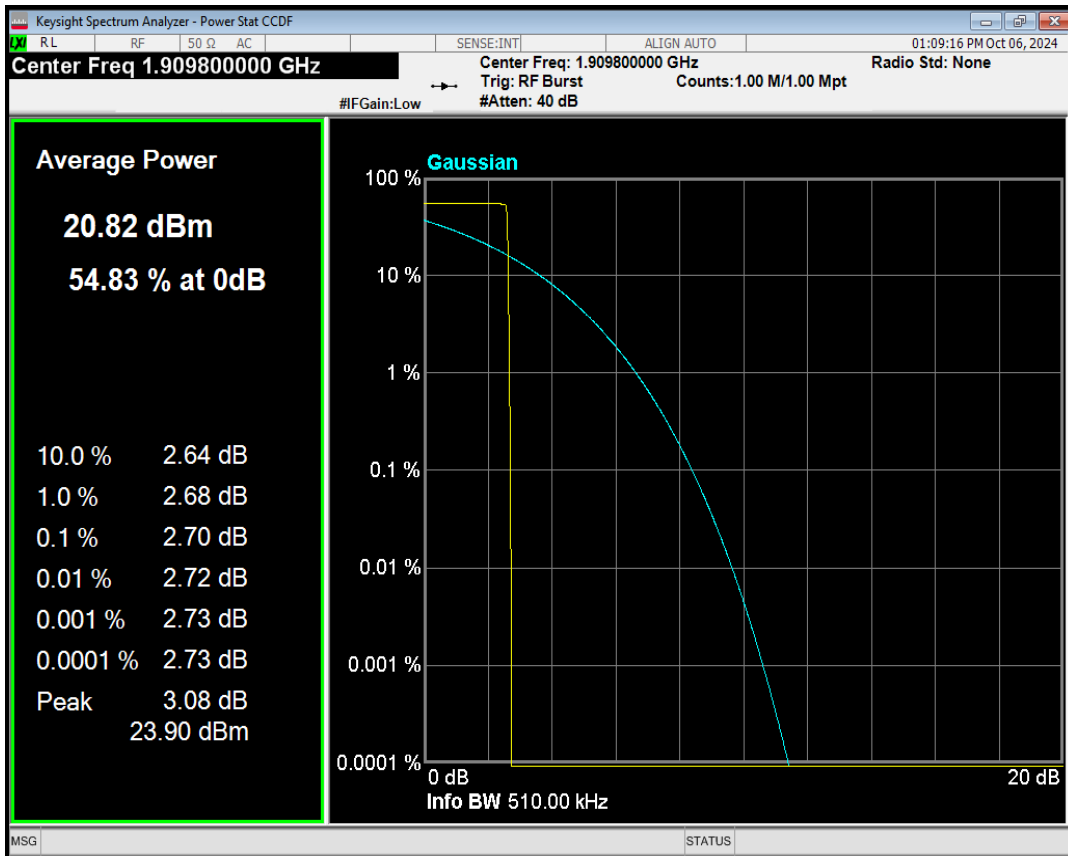
09 Peak-to-Average Ratio

Band	Channel	Frequency (MHz)	Result (dB)	high Limit (dB)	Verdict
GPRS1900	512	1850.2	2.696904196	13.00	PASS
GPRS1900	661	1880	2.696747088	13.00	PASS
GPRS1900	810	1909.8	2.701722798	13.00	PASS
GPRS850	128	824.2	2.747079741	13.00	PASS
GPRS850	190	836.6	2.759308511	13.00	PASS
GPRS850	251	848.8	2.753710778	13.00	PASS

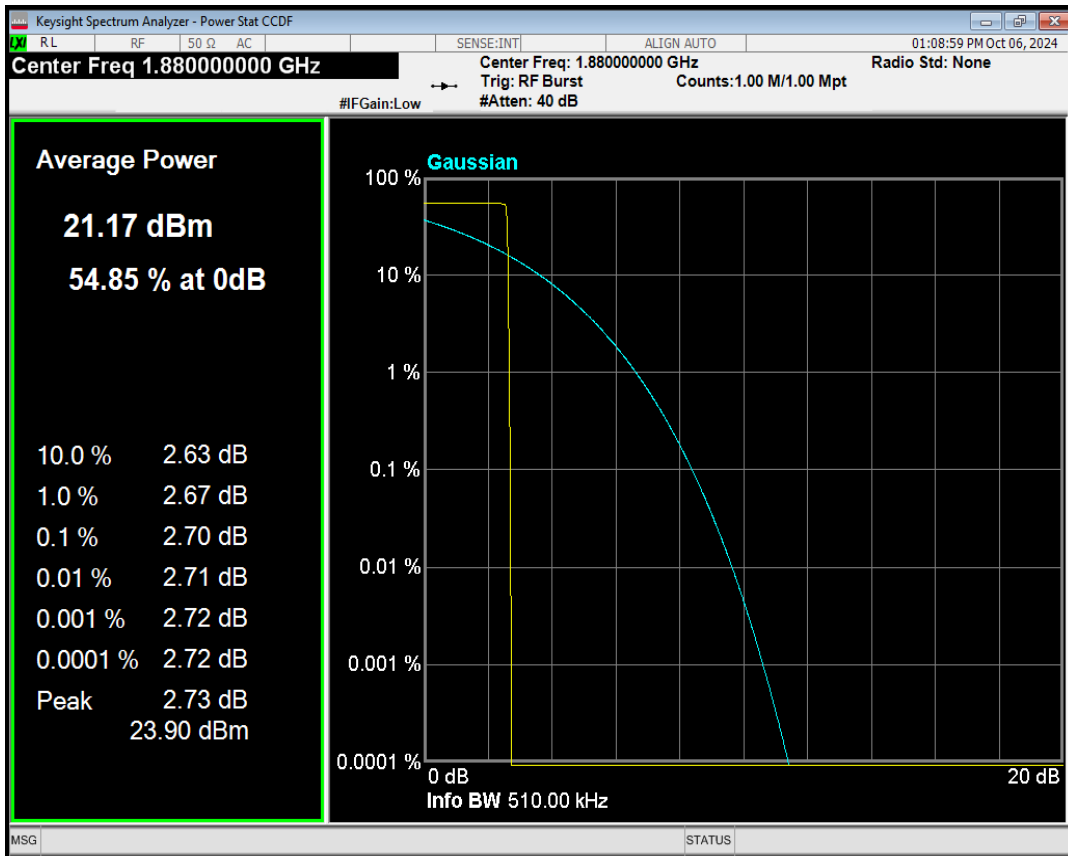
GPRS1900 Channel=512



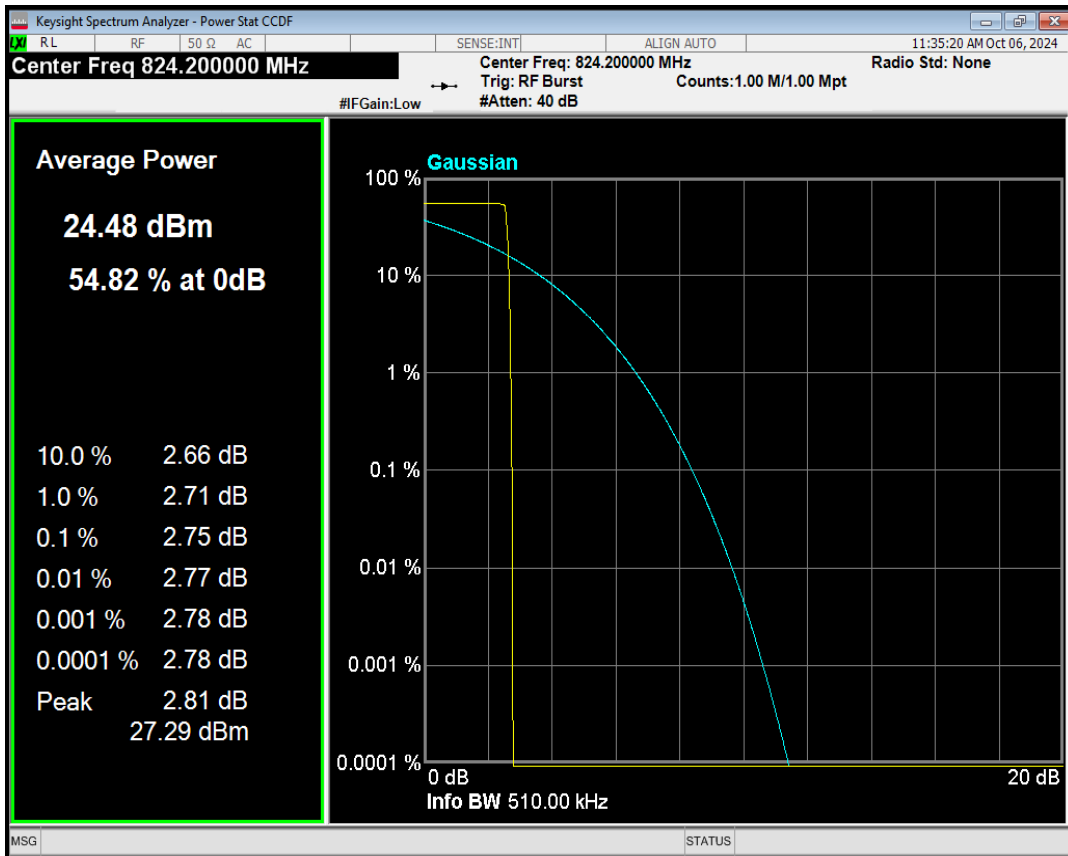
GPRS1900 Channel=810



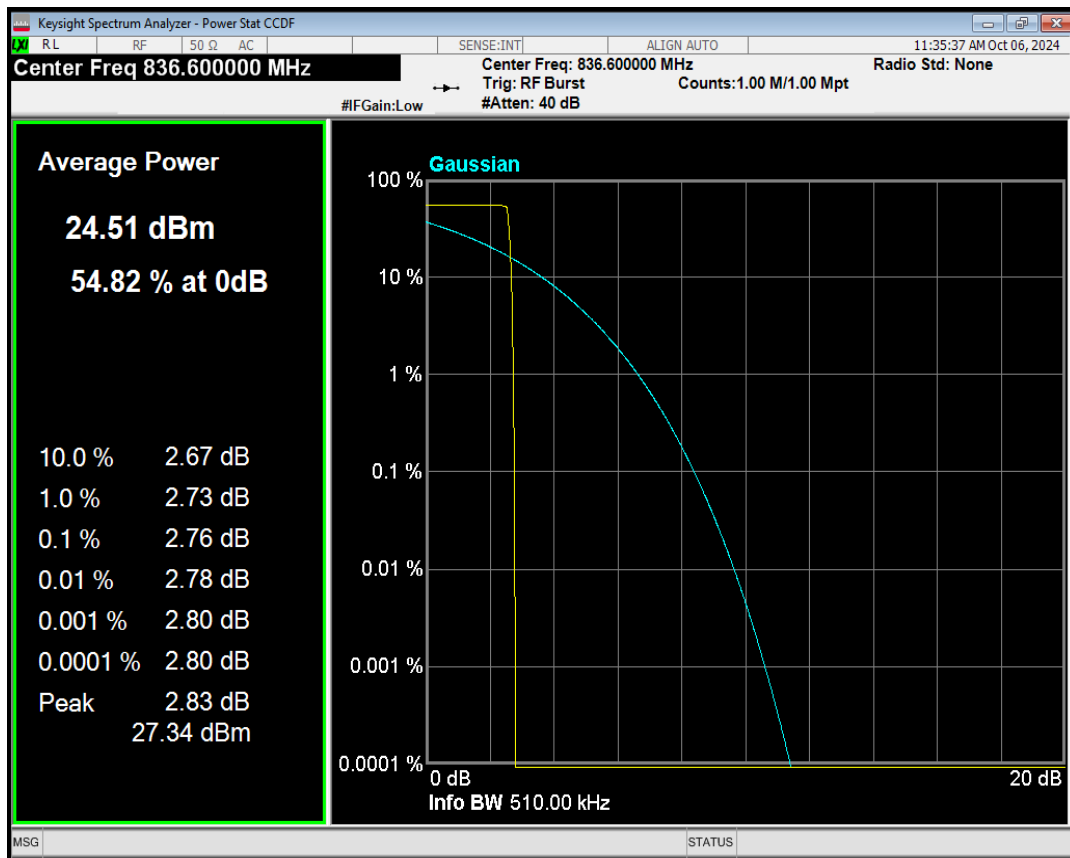
GPRS1900 Channel=661



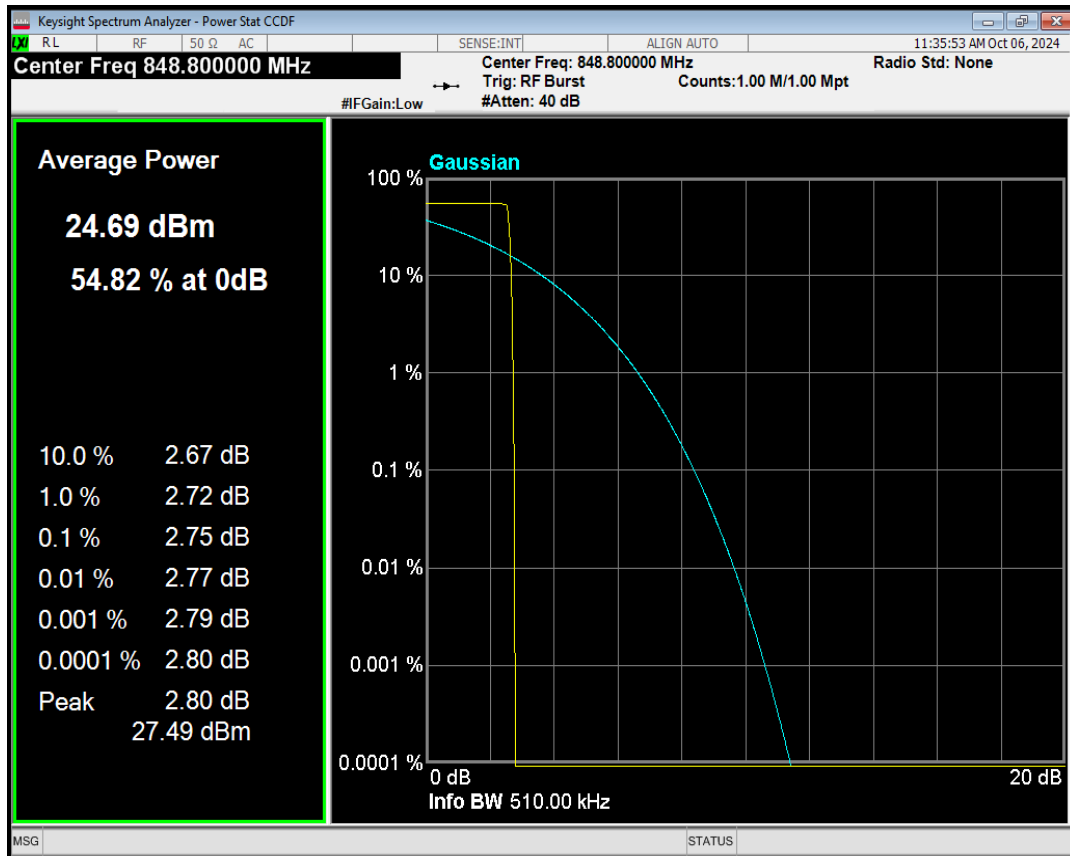
GPRS850 Channel=128



GPRS850 Channel=190



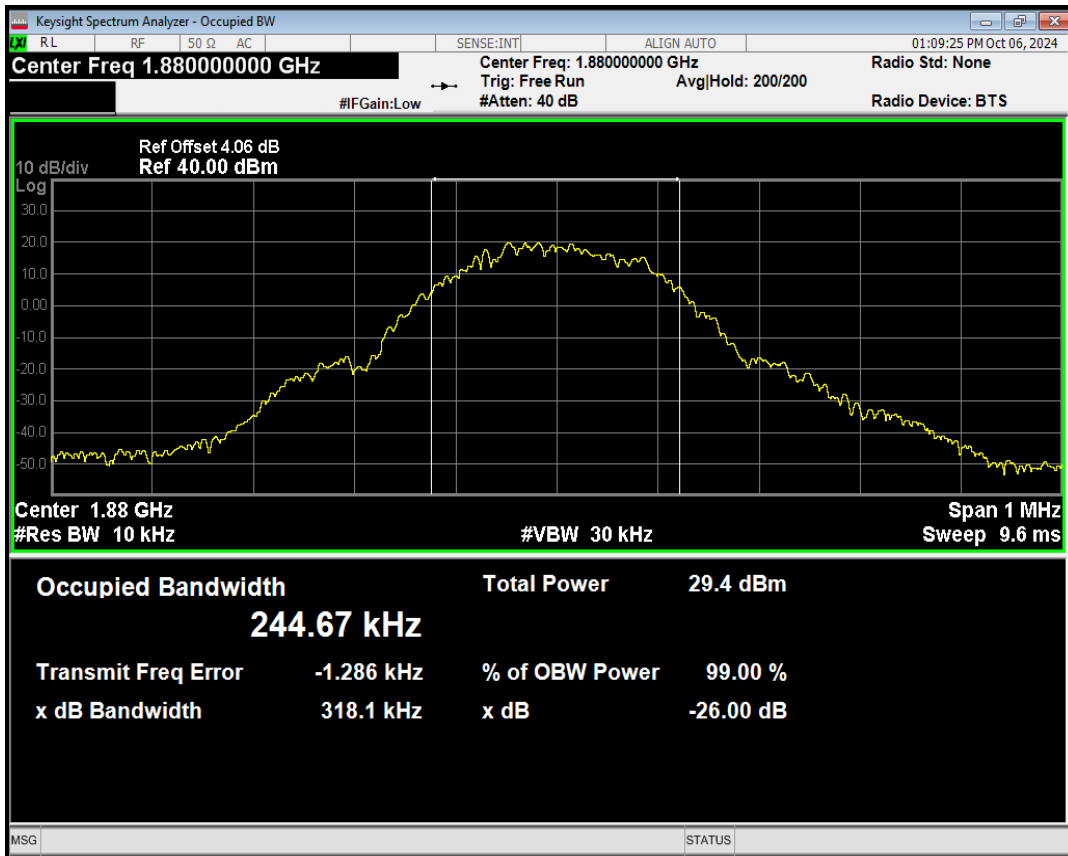
GPRS850 Channel=251



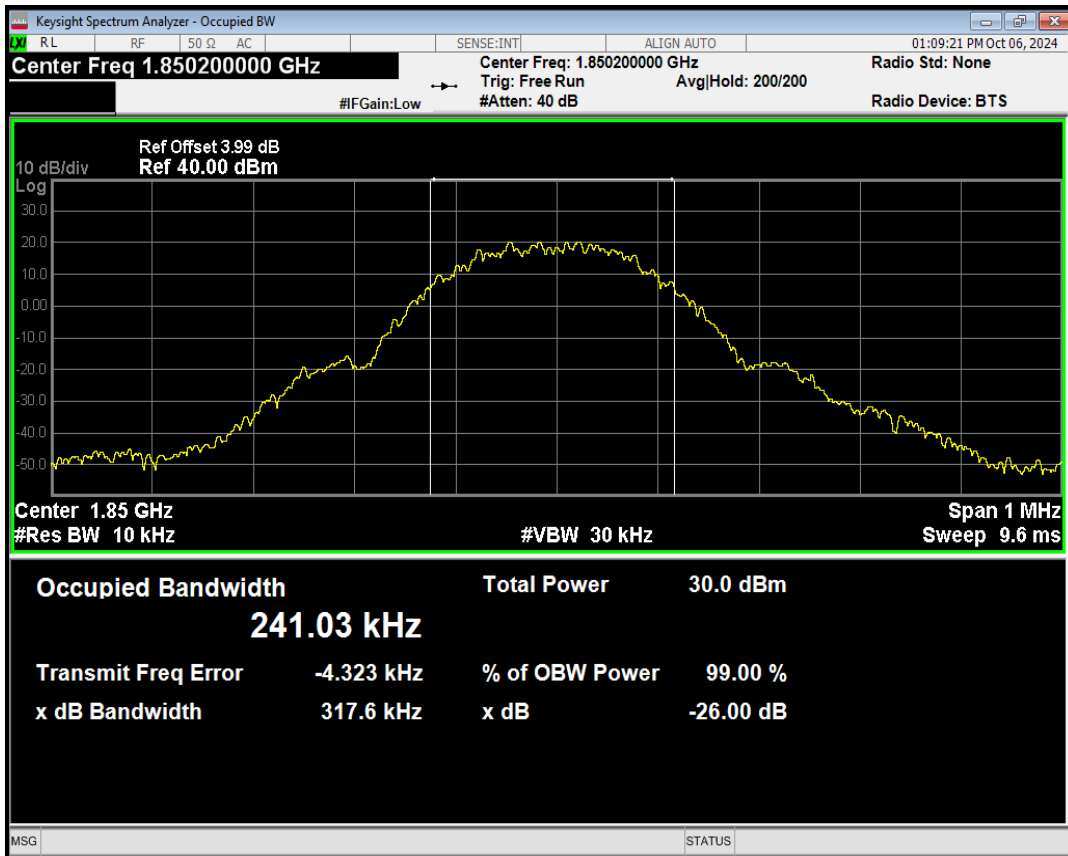
10 Occupied bandwidth

Band	Channel	Frequency (MHz)	99% OBW (kHz)	-26dB EBW (kHz)	Verdict
GPRS1900	512	1850.2	241.029	317.551	PASS
GPRS1900	661	1880	244.667	318.093	PASS
GPRS1900	810	1909.8	243.003	318.685	PASS
GPRS850	128	824.2	247.329	317.767	PASS
GPRS850	190	836.6	243.527	316.653	PASS
GPRS850	251	848.8	246.744	321.703	PASS

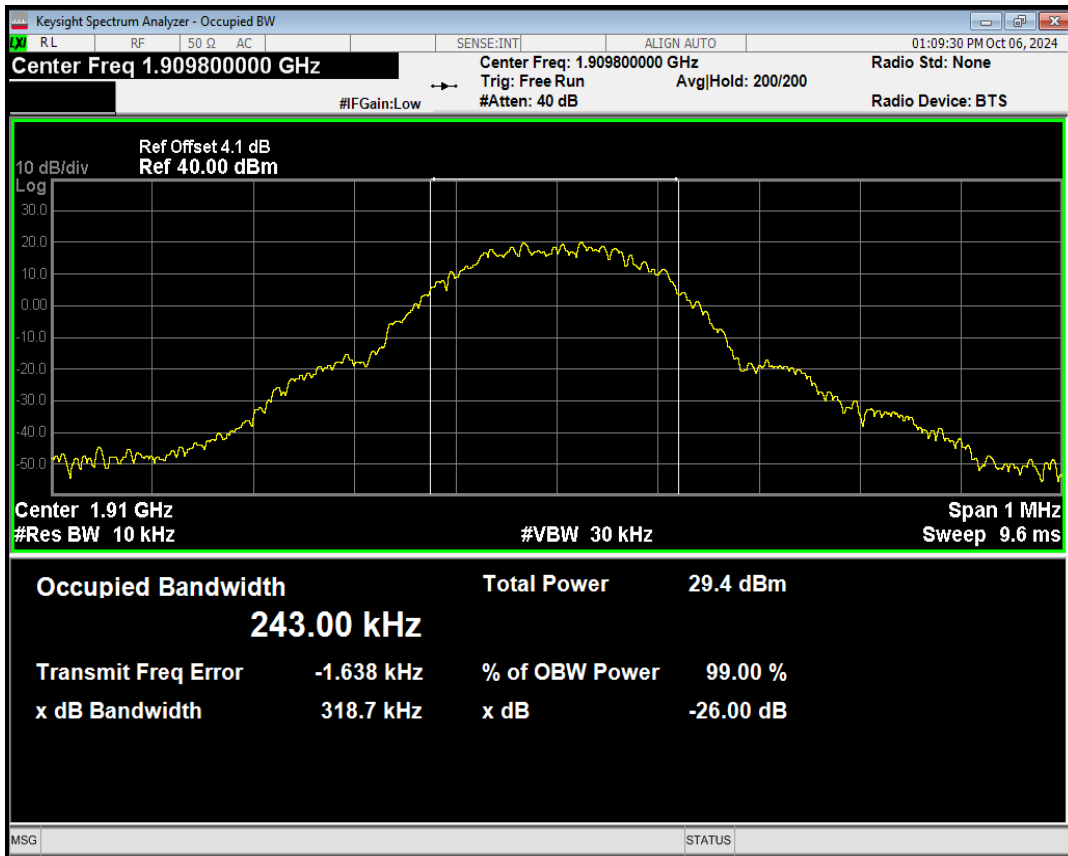
GPRS1900 Channel=661



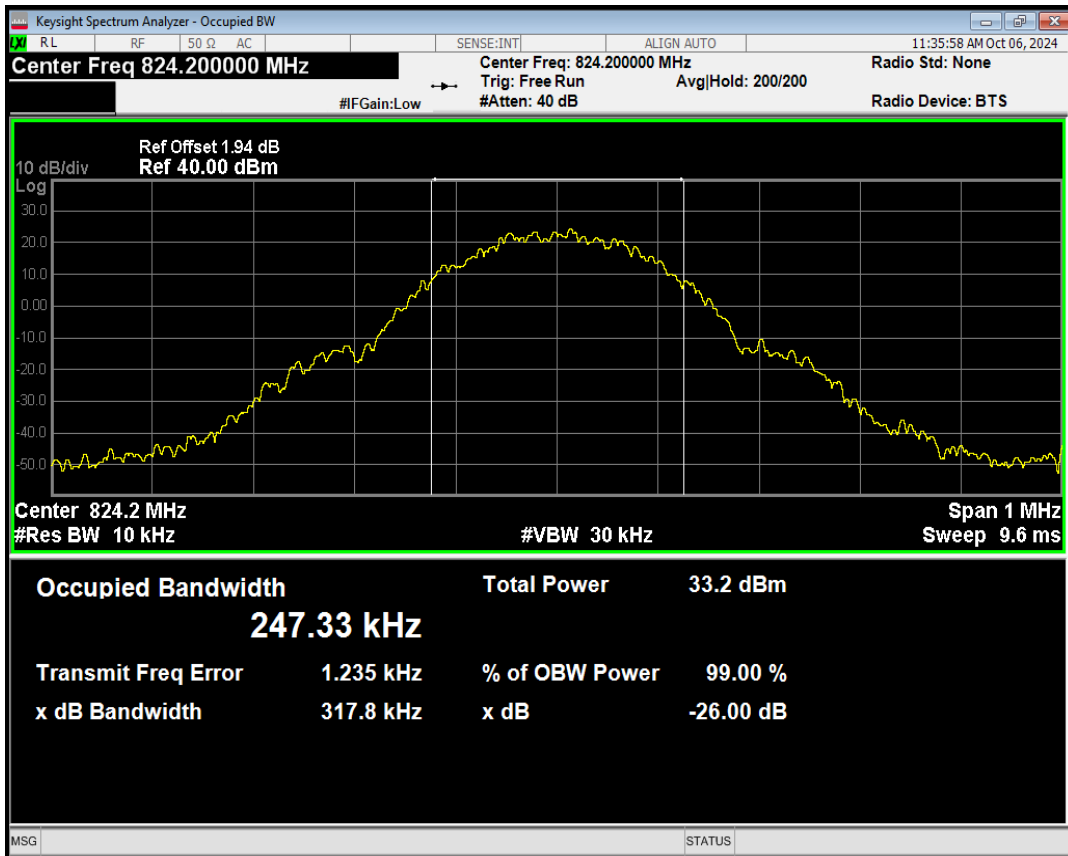
GPRS1900 Channel=512



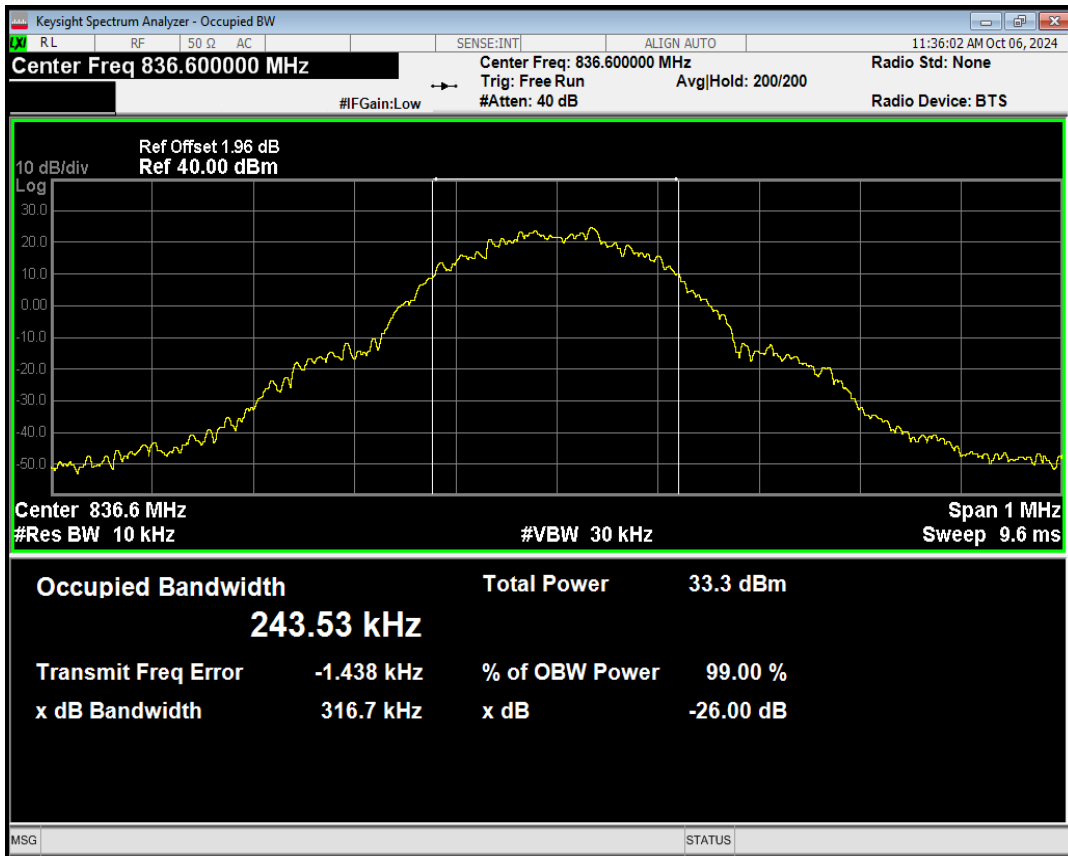
GPRS1900 Channel=810



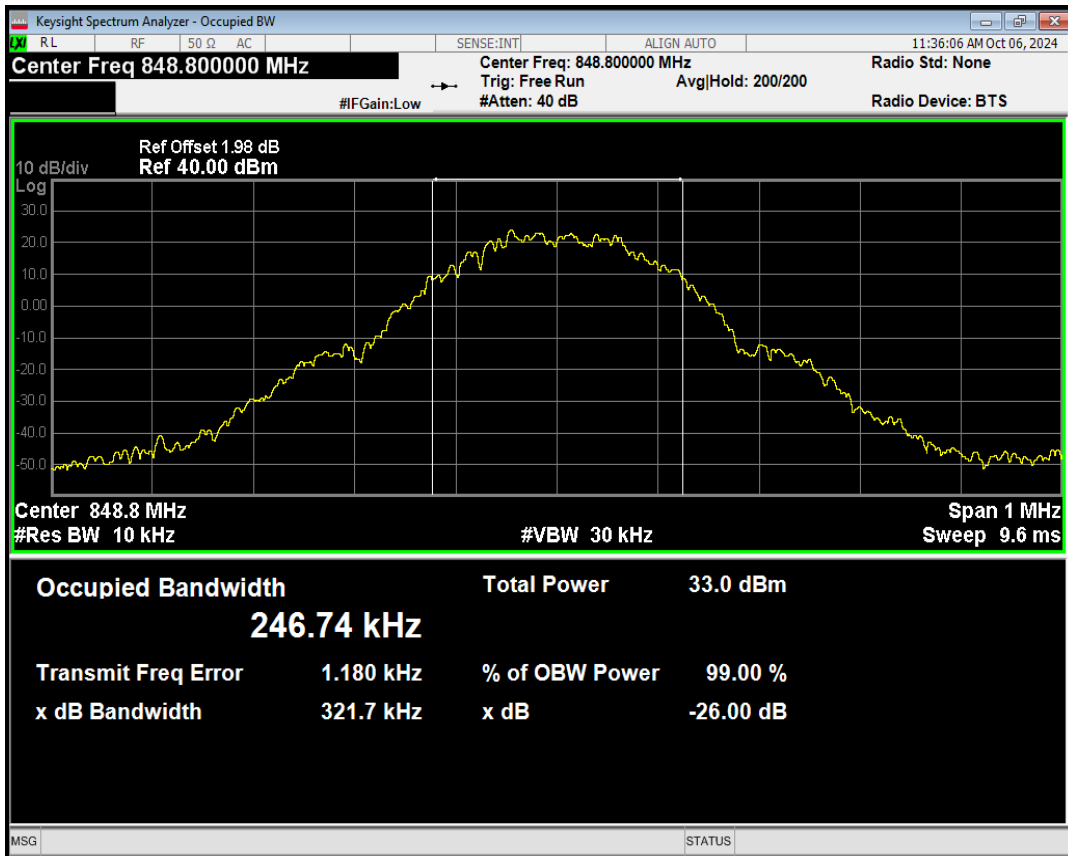
GPRS850 Channel=128



GPRS850 Channel=190



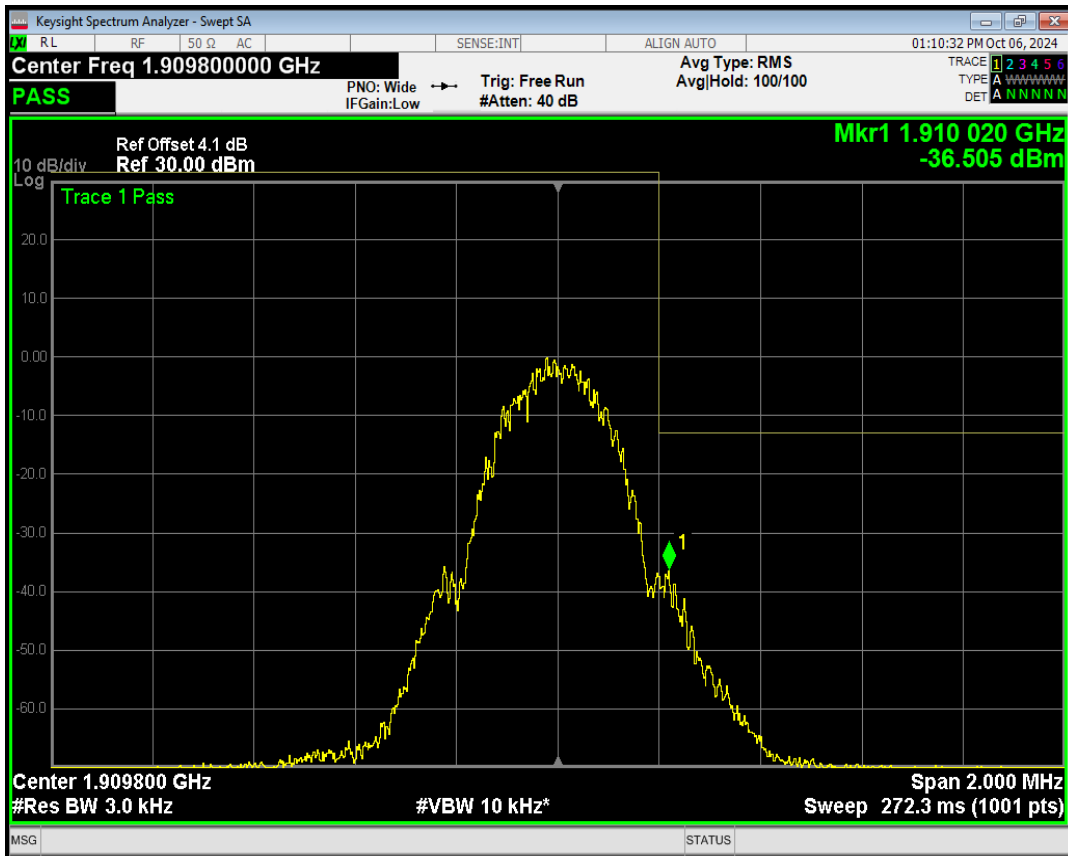
GPRS850 Channel=251



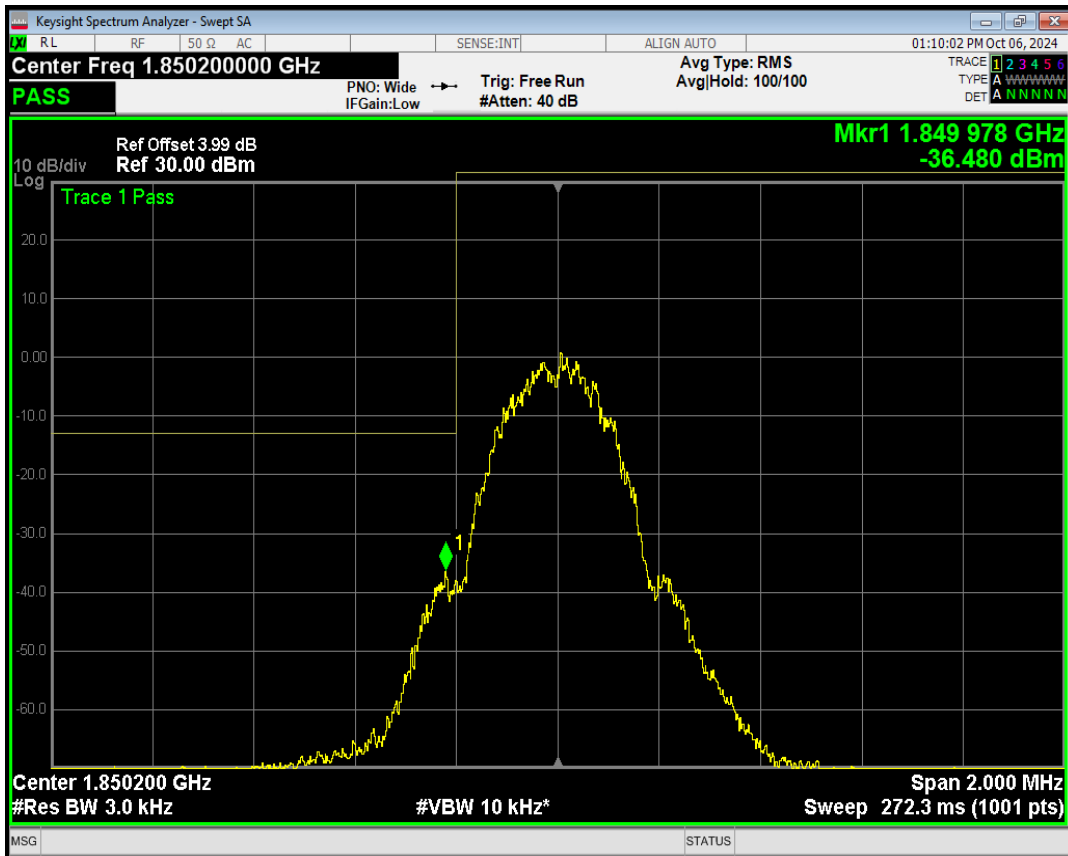
11 Band edge

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
GPRS1900	512	1850.2	1849.98	-36.48	-13	PASS
GPRS1900	810	1909.8	1910.02	-36.50	-13	PASS
GPRS850	128	824.2	823.98	-32.99	-13	PASS
GPRS850	251	848.8	849.02	-31.73	-13	PASS

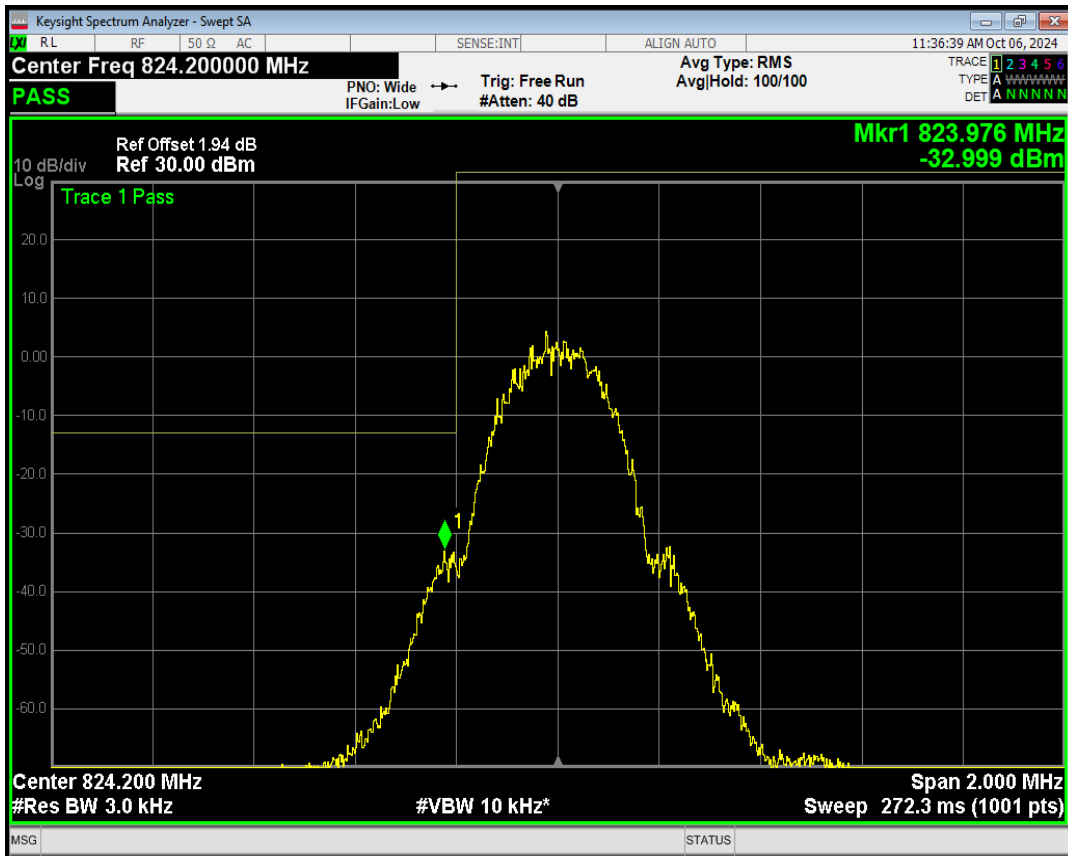
GPRS1900 Channel=810



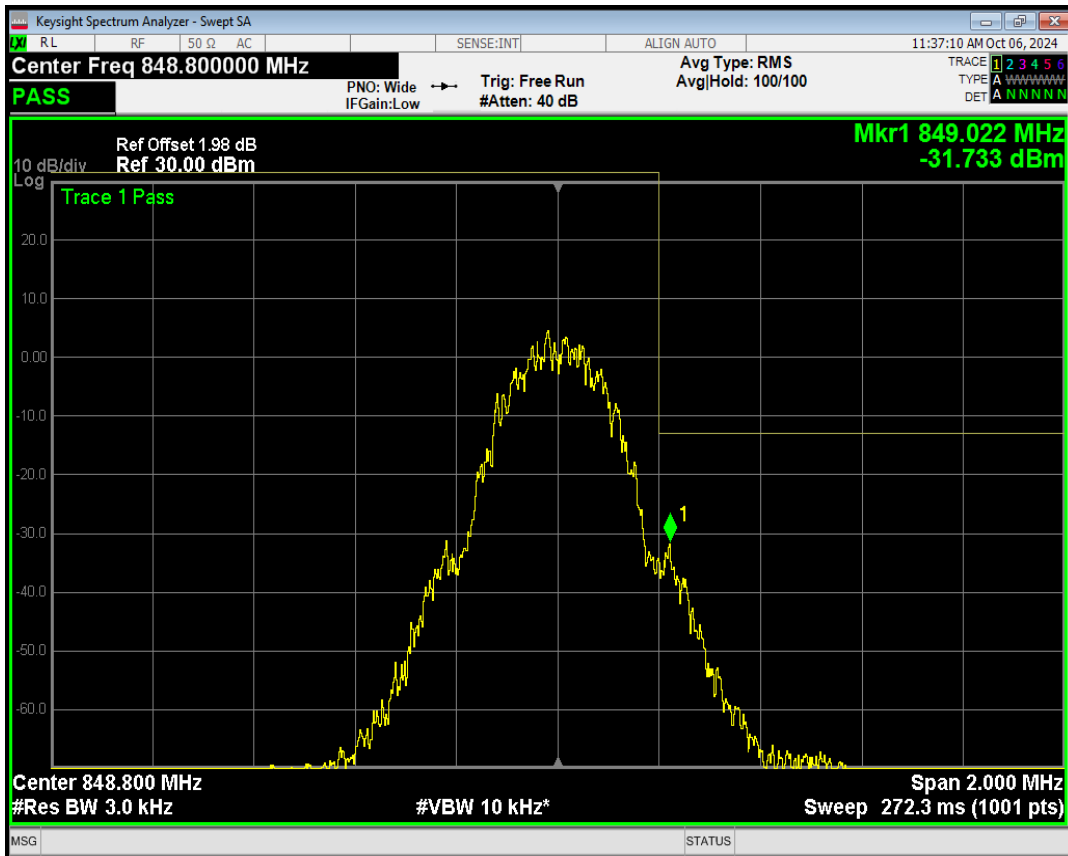
GPRS1900 Channel=512



GPRS850 Channel=128



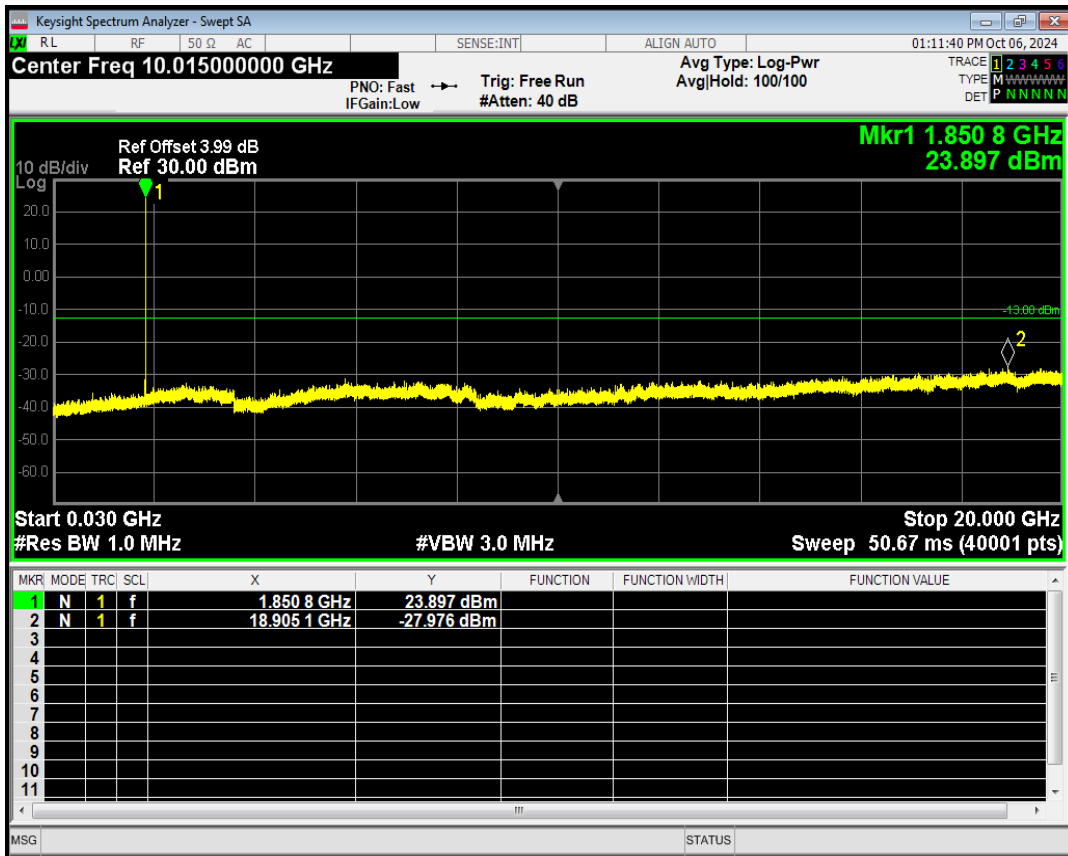
GPRS850 Channel=251



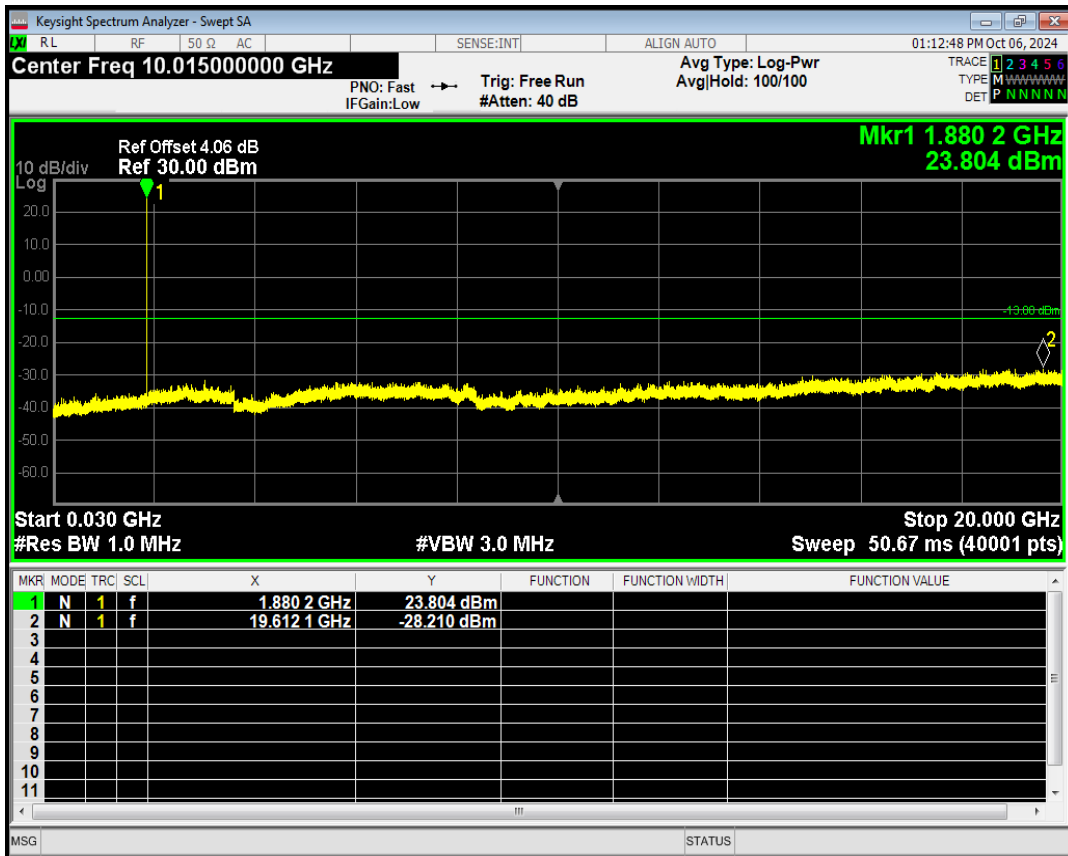
12 Out-of-band emissions

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
GPRS1900	512	1850.2	18905.14	-27.97	-13	PASS
GPRS1900	661	1880	19612.08	-28.21	-13	PASS
GPRS1900	810	1909.8	19700.45	-27.84	-13	PASS
GPRS850	128	824.2	6309.60	-33.93	-13	PASS
GPRS850	190	836.6	6492.80	-33.39	-13	PASS
GPRS850	251	848.8	2793.93	-33.99	-13	PASS

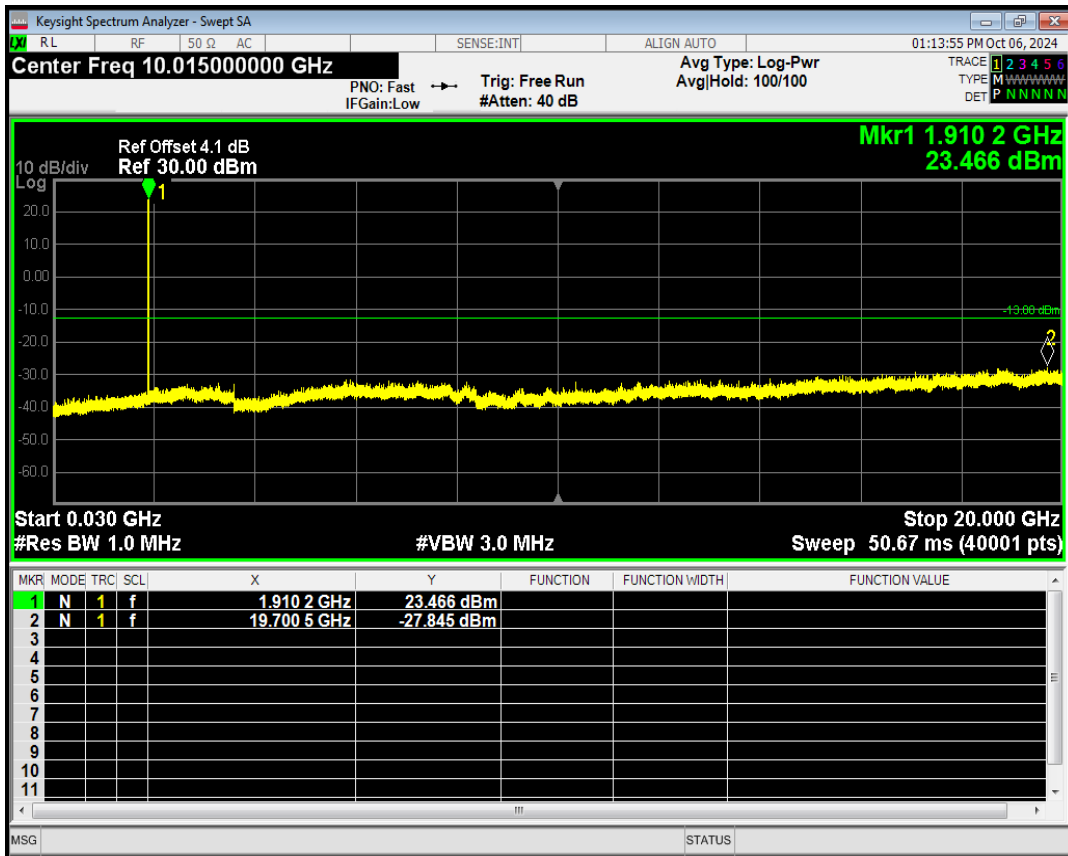
GPRS1900 Channel=512



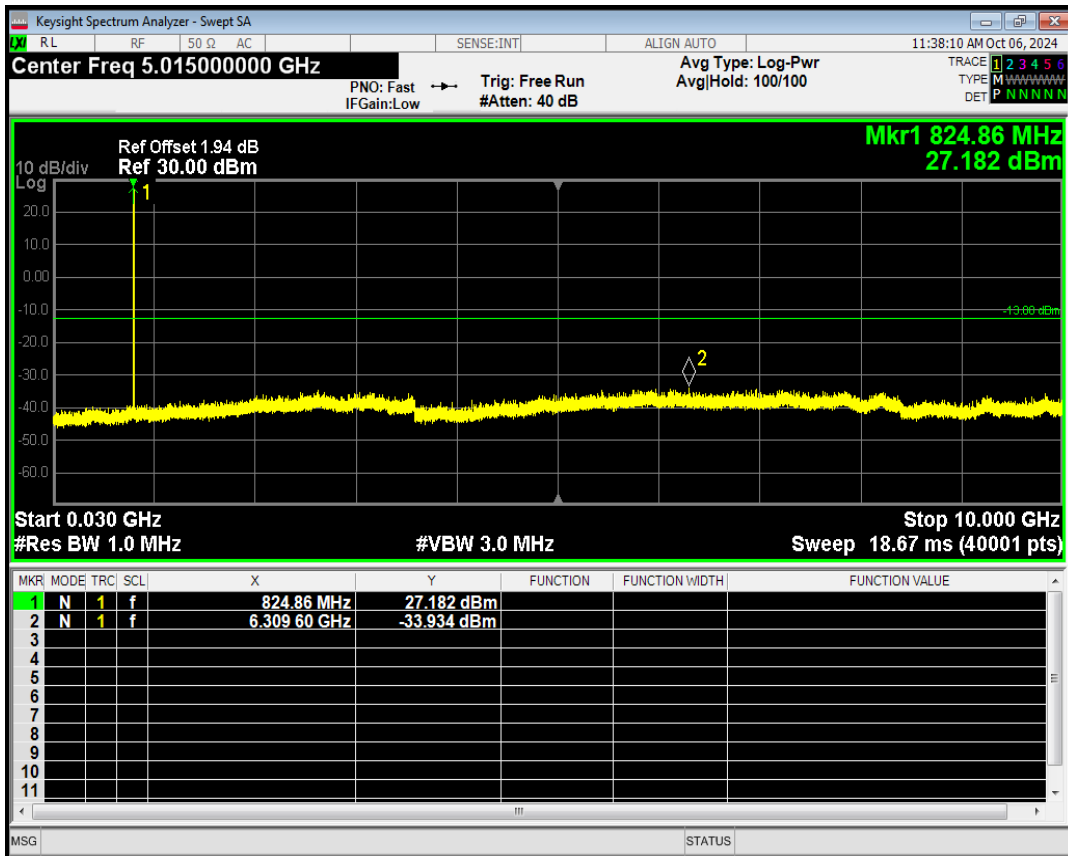
GPRS1900 Channel=661



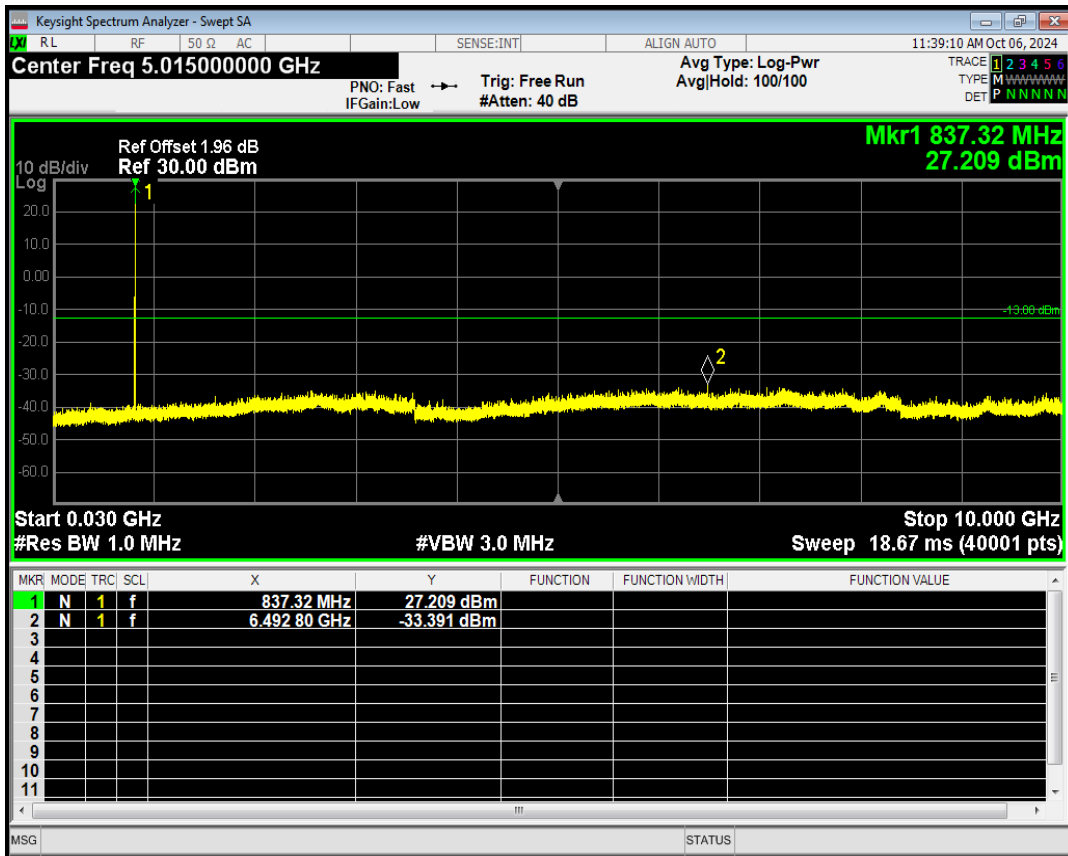
GPRS1900 Channel=810



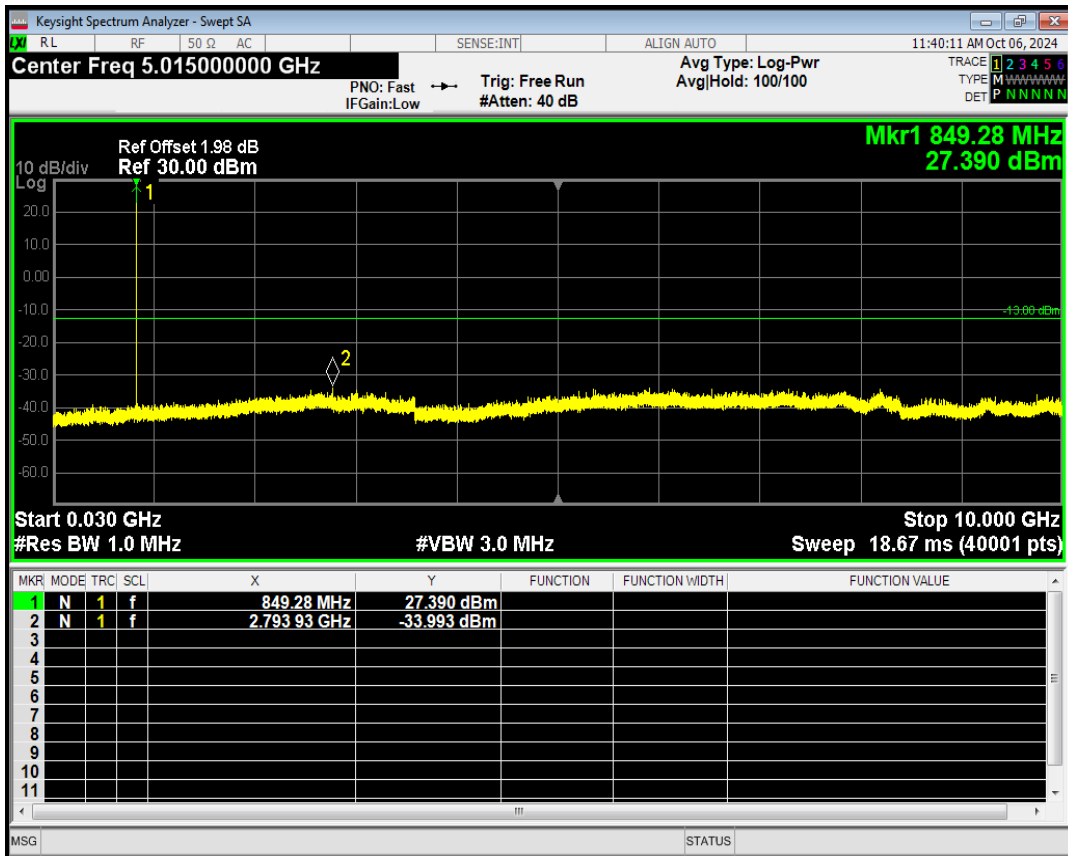
GPRS850 Channel=128



GPRS850 Channel=190



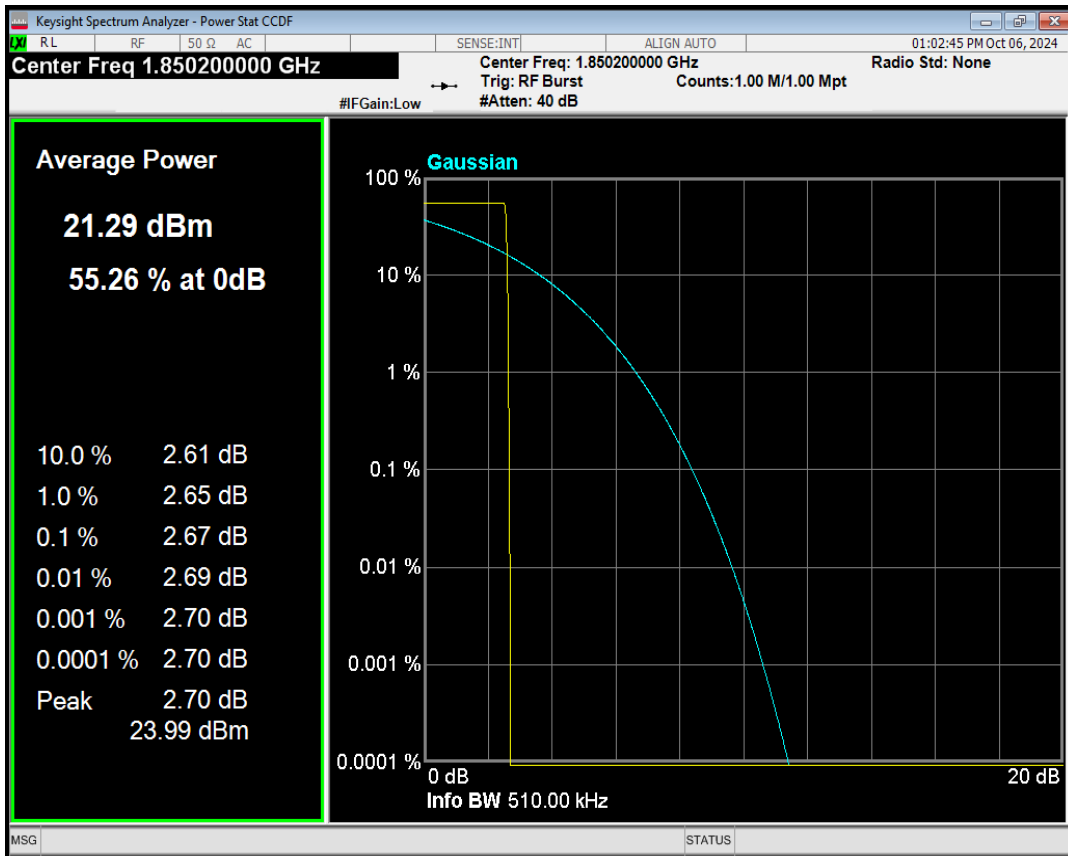
GPRS850 Channel=251



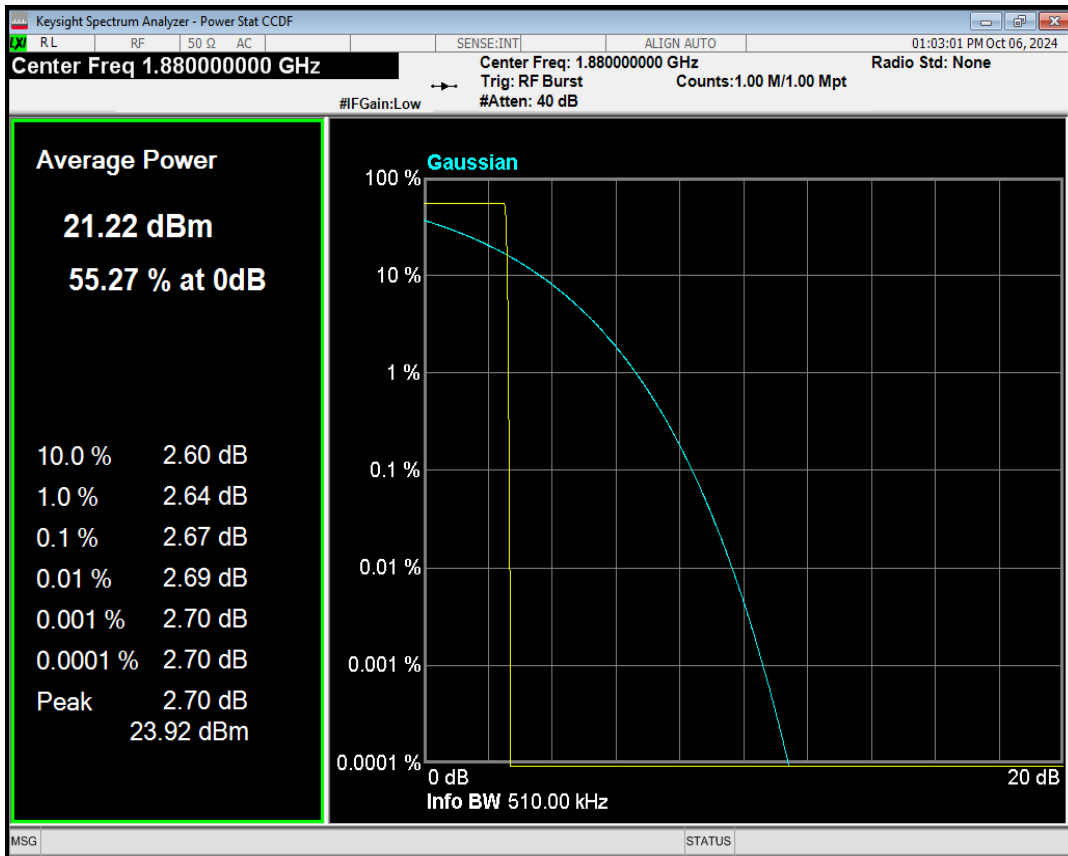
03 Peak-to-Average Ratio

Band	Channel	Frequency (MHz)	Result (dB)	high Limit (dB)	Verdict
GSM1900	512	1850.2	2.67	13	PASS
GSM1900	661	1880	2.67	13	PASS
GSM1900	810	1909.8	2.67	13	PASS
GSM850	128	824.2	2.72	13	PASS
GSM850	190	836.6	2.72	13	PASS
GSM850	251	848.8	2.72	13	PASS

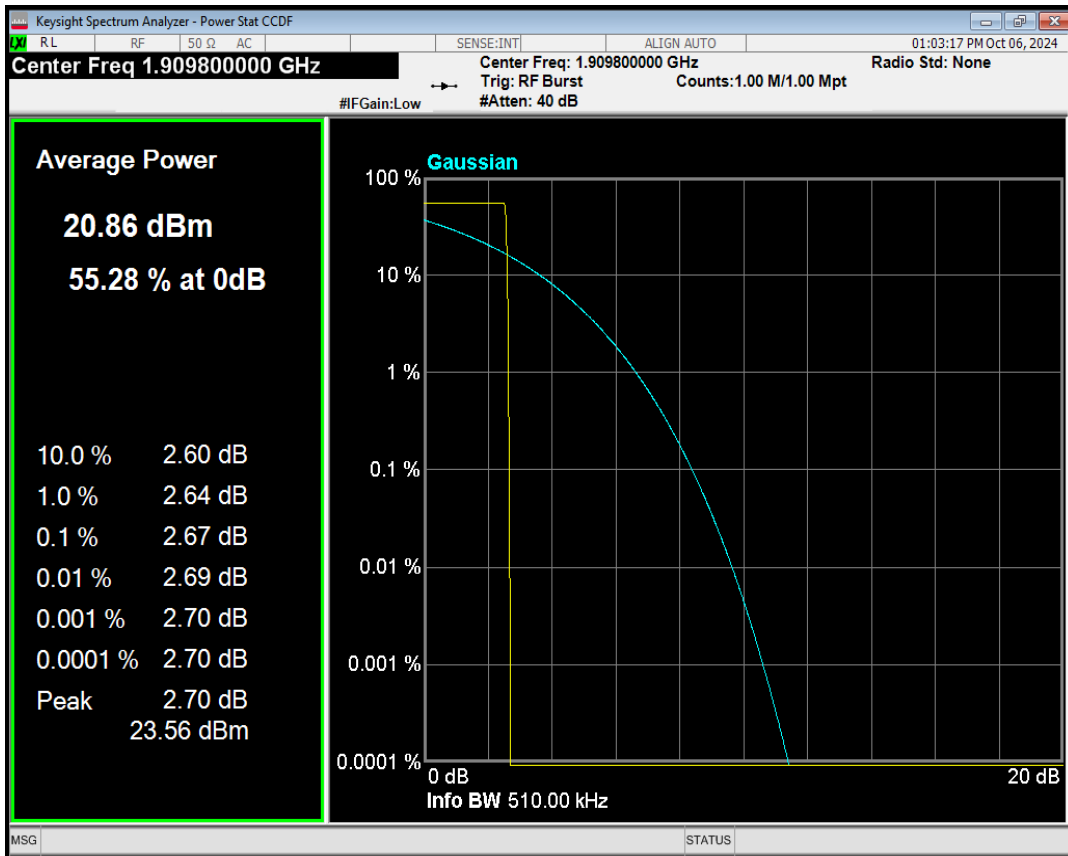
GSM1900 Channel=512



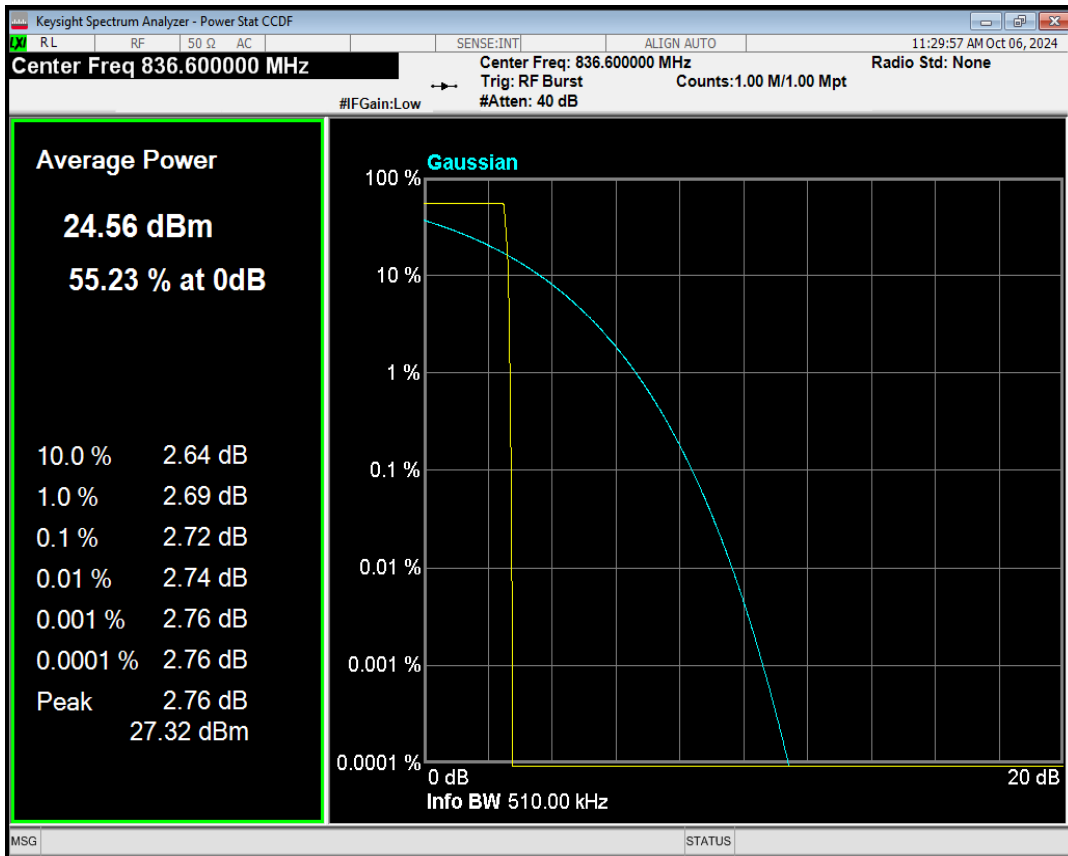
GSM1900 Channel=661



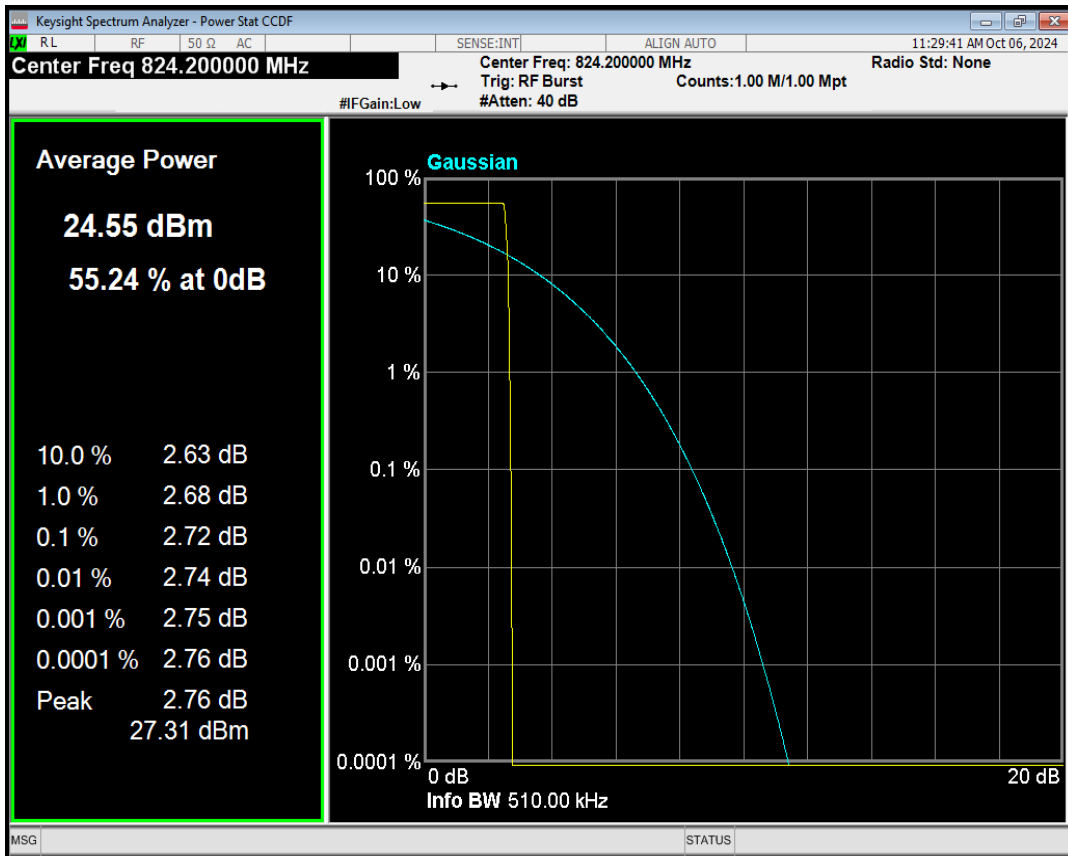
GSM1900 Channel=810



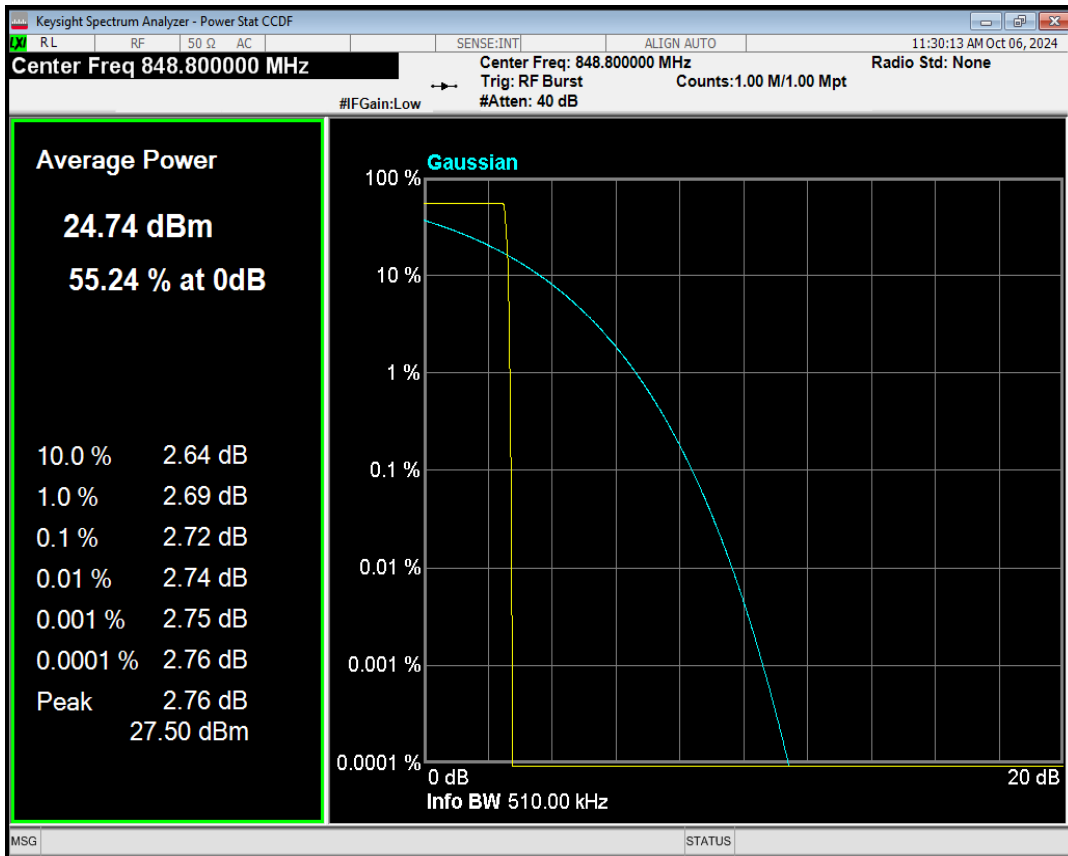
GSM850 Channel=190



GSM850 Channel=128



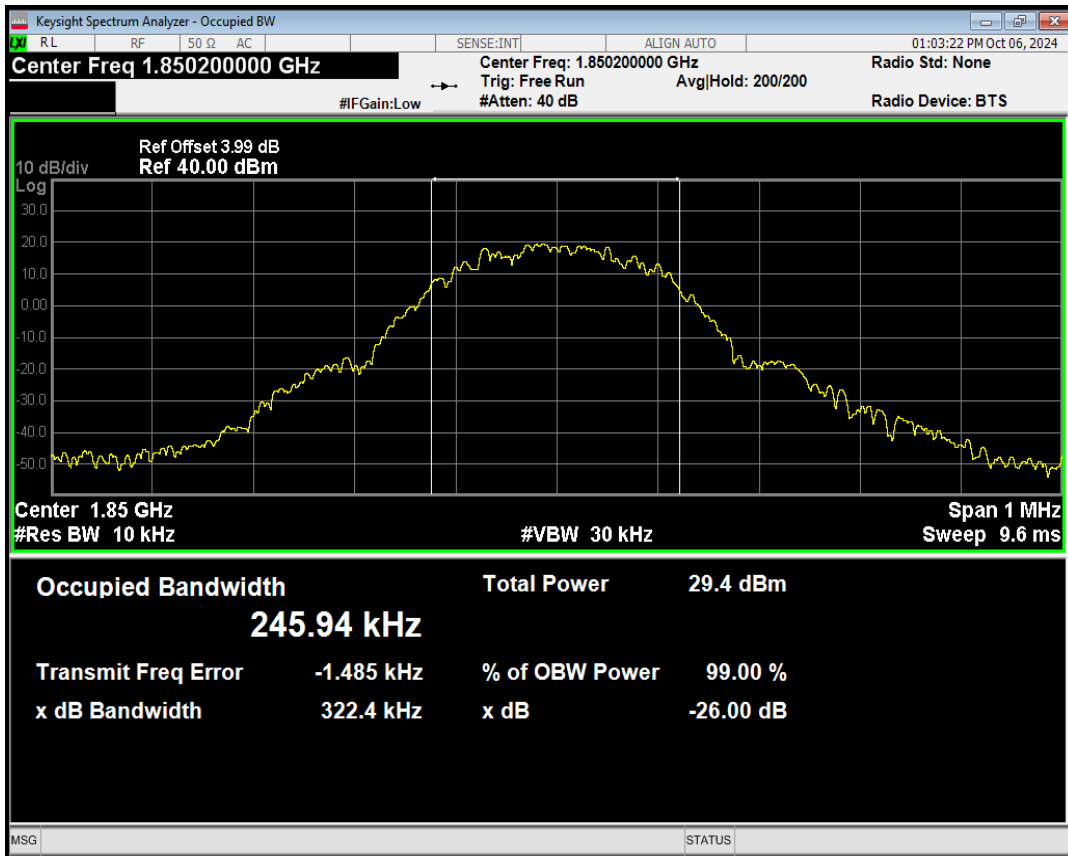
GSM850 Channel=251



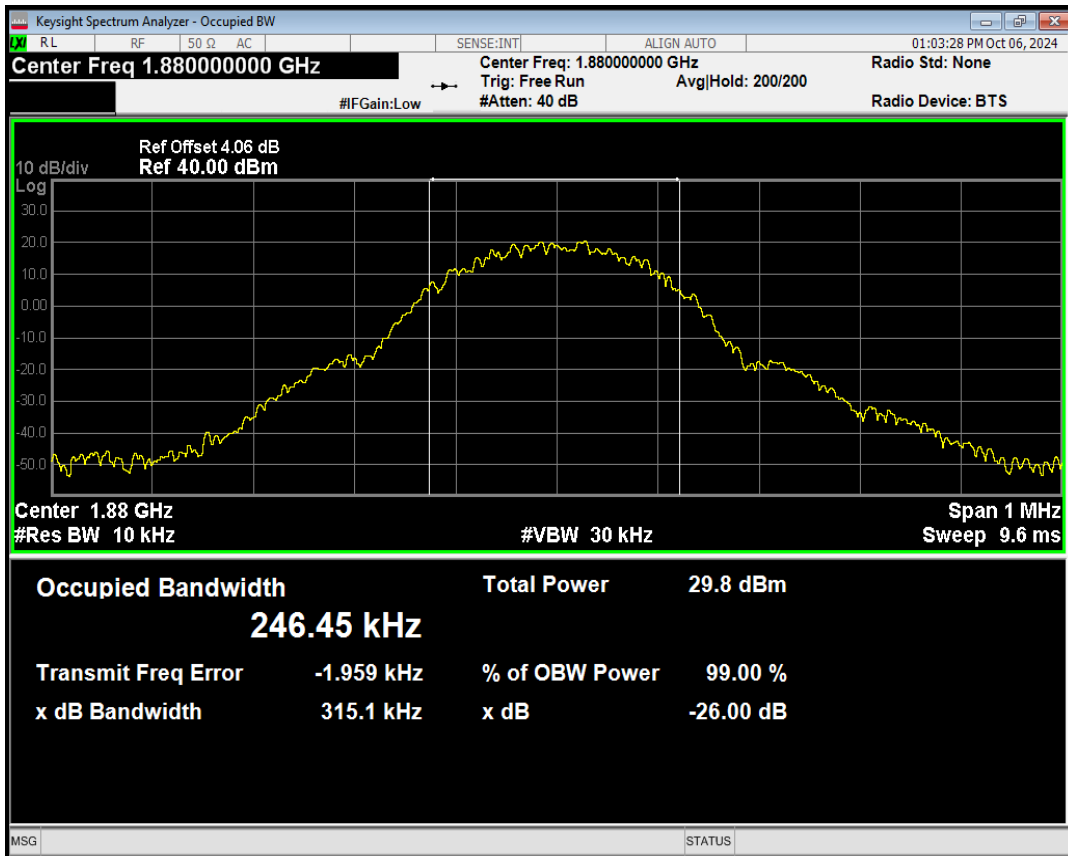
04 Occupied bandwidth

Band	Channel	Frequency (MHz)	99% OBW (kHz)	-26dB EBW (kHz)	Verdict
GSM1900	512	1850.2	245.944	322.362	PASS
GSM1900	661	1880	246.447	315.122	PASS
GSM1900	810	1909.8	241.980	315.802	PASS
GSM850	128	824.2	246.684	318.984	PASS
GSM850	190	836.6	240.250	316.470	PASS
GSM850	251	848.8	245.989	320.614	PASS

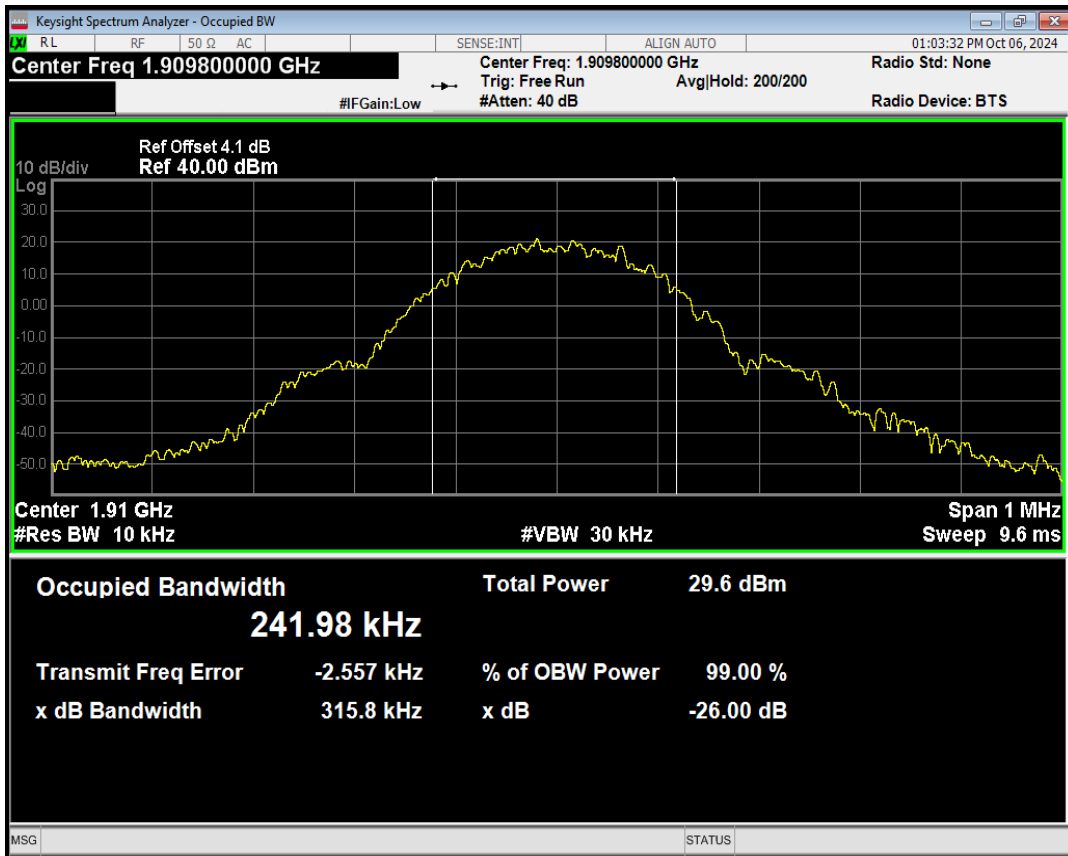
GSM1900 Channel=512



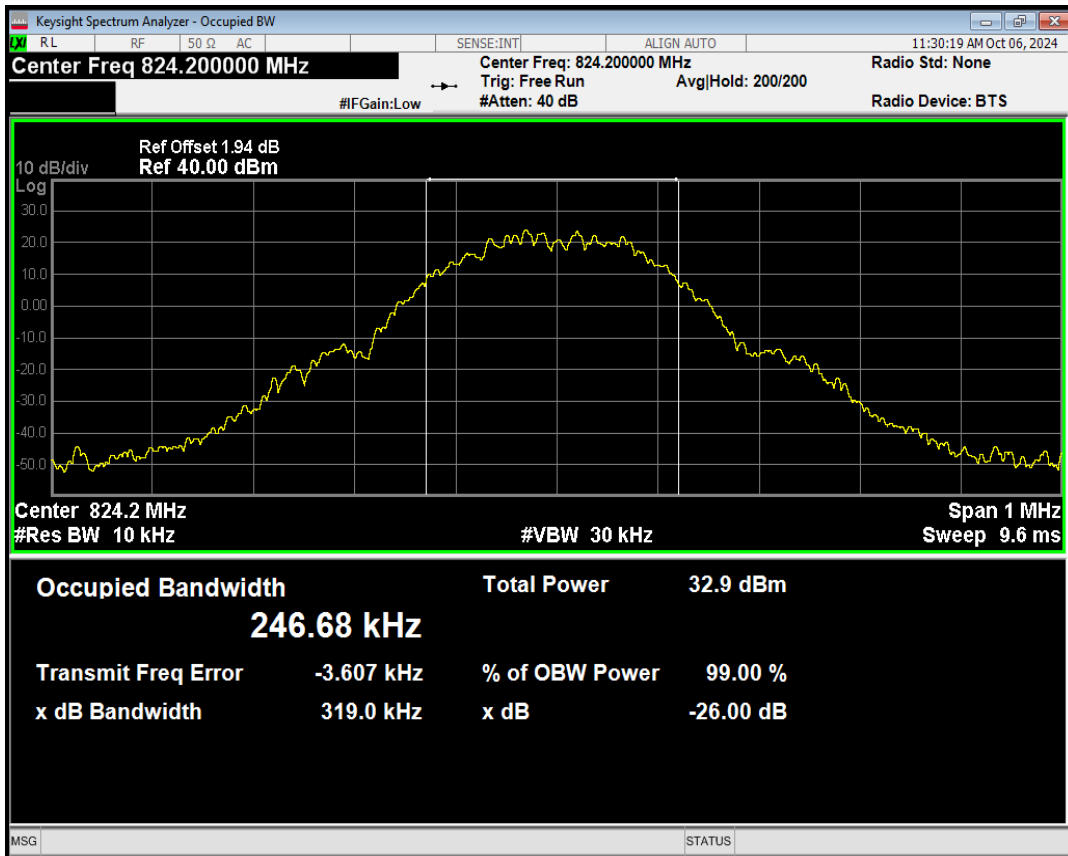
GSM1900 Channel=661



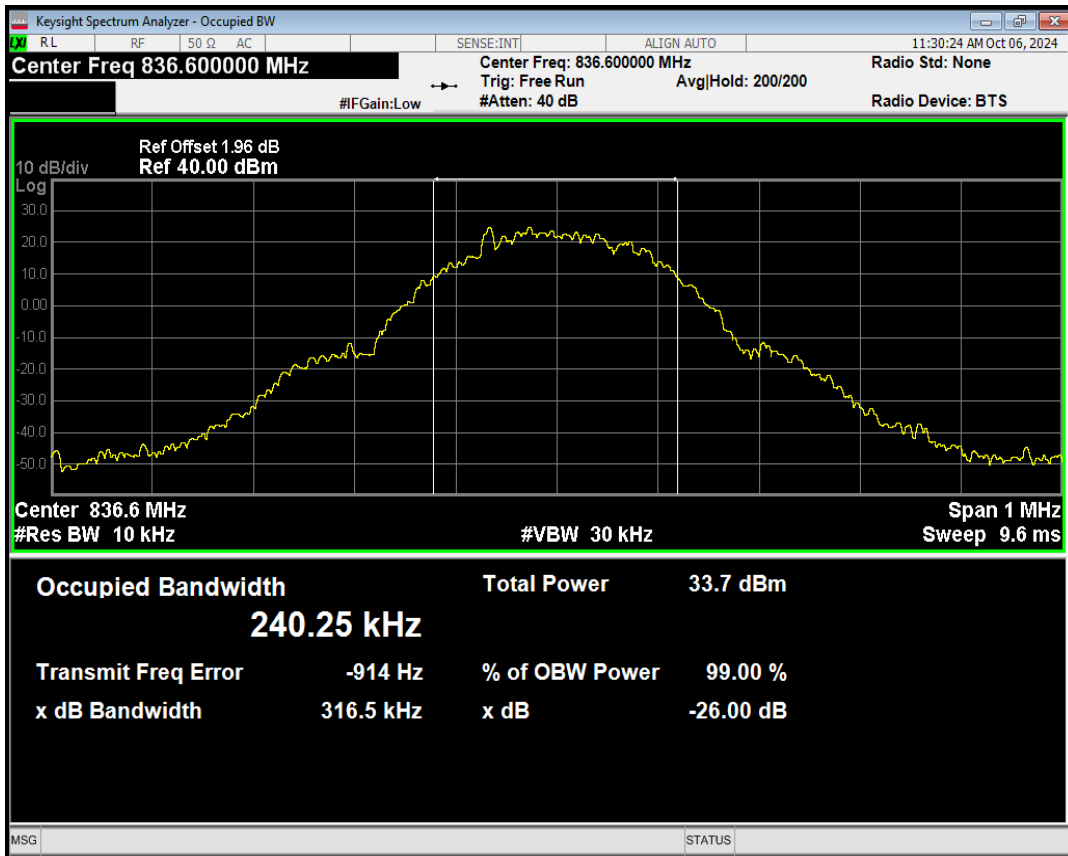
GSM1900 Channel=810



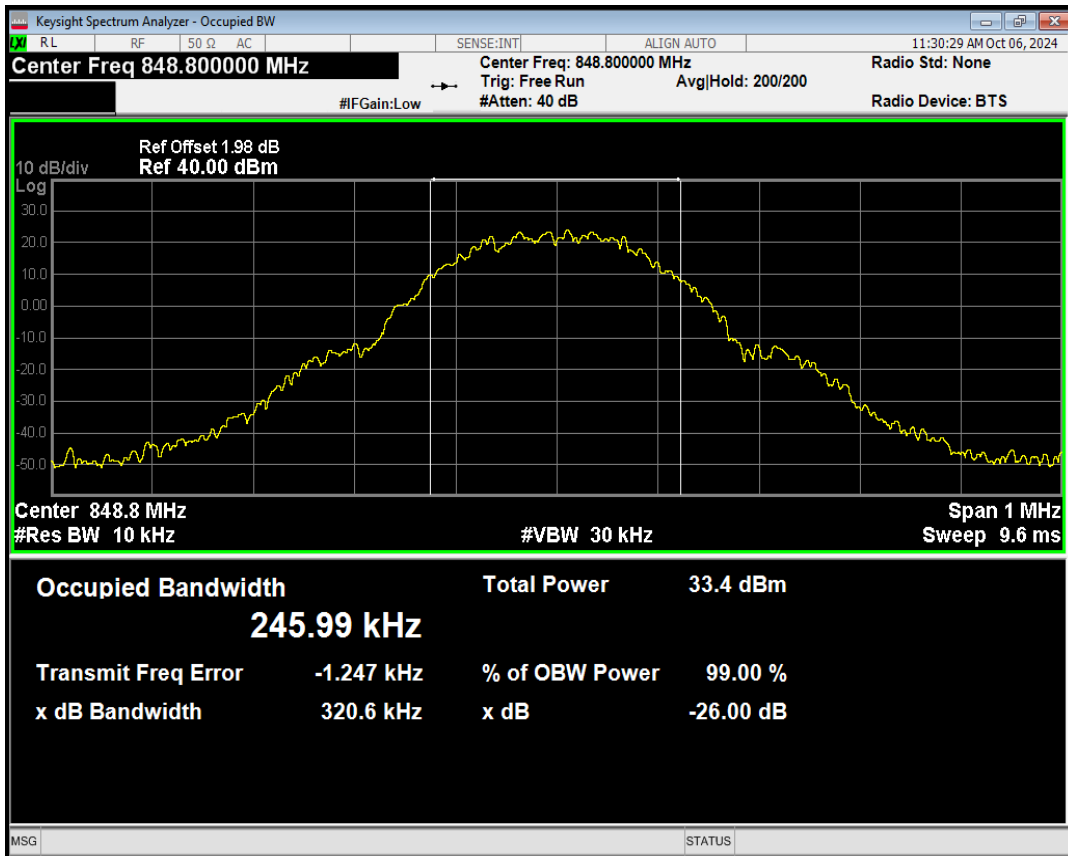
GSM850 Channel=128



GSM850 Channel=190



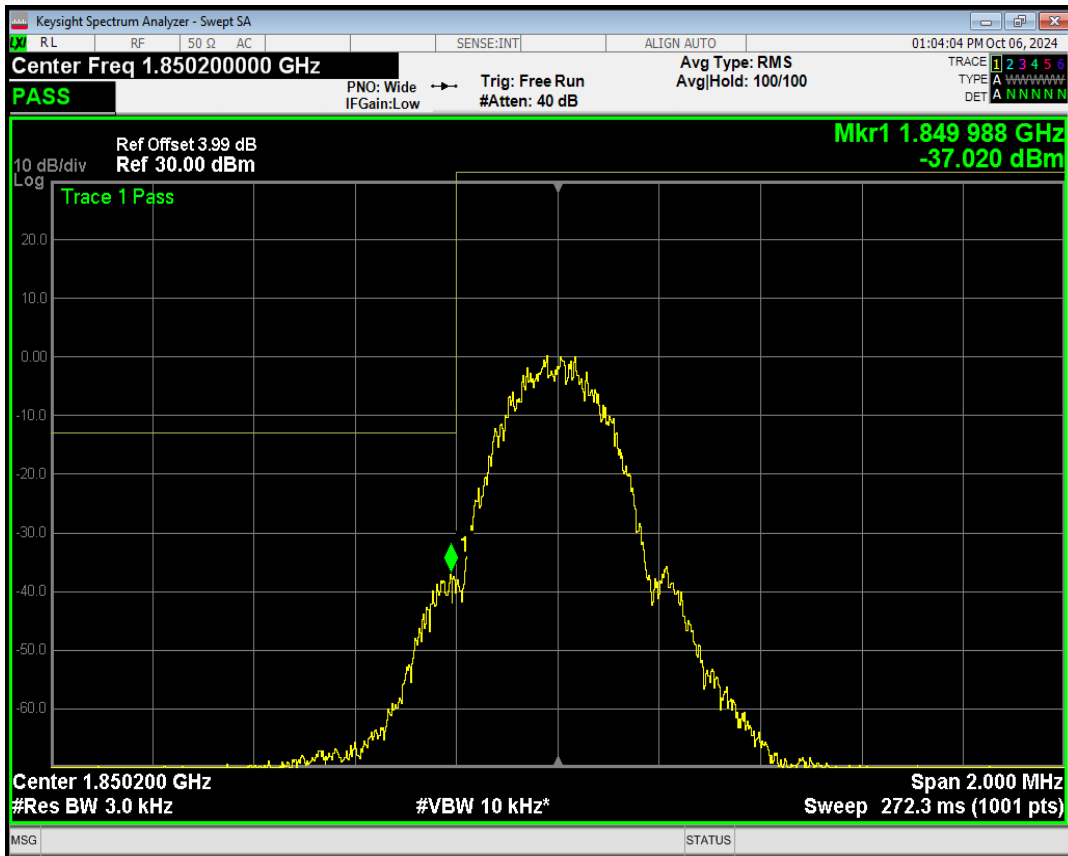
GSM850 Channel=251



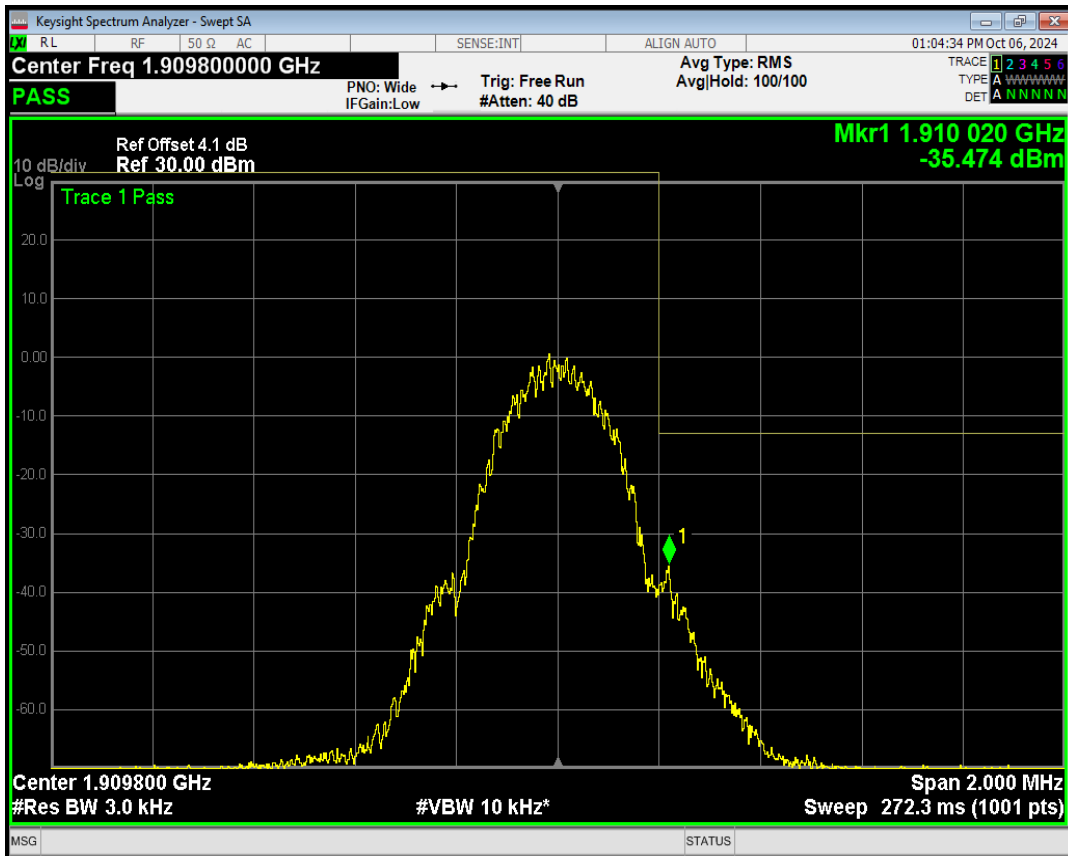
05 Band edge

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
GSM1900	512	1850.2	1849.99	-37.01	-13	PASS
GSM1900	810	1909.8	1910.02	-35.47	-13	PASS
GSM850	128	824.2	823.98	-33.49	-13	PASS
GSM850	251	848.8	849.02	-31.20	-13	PASS

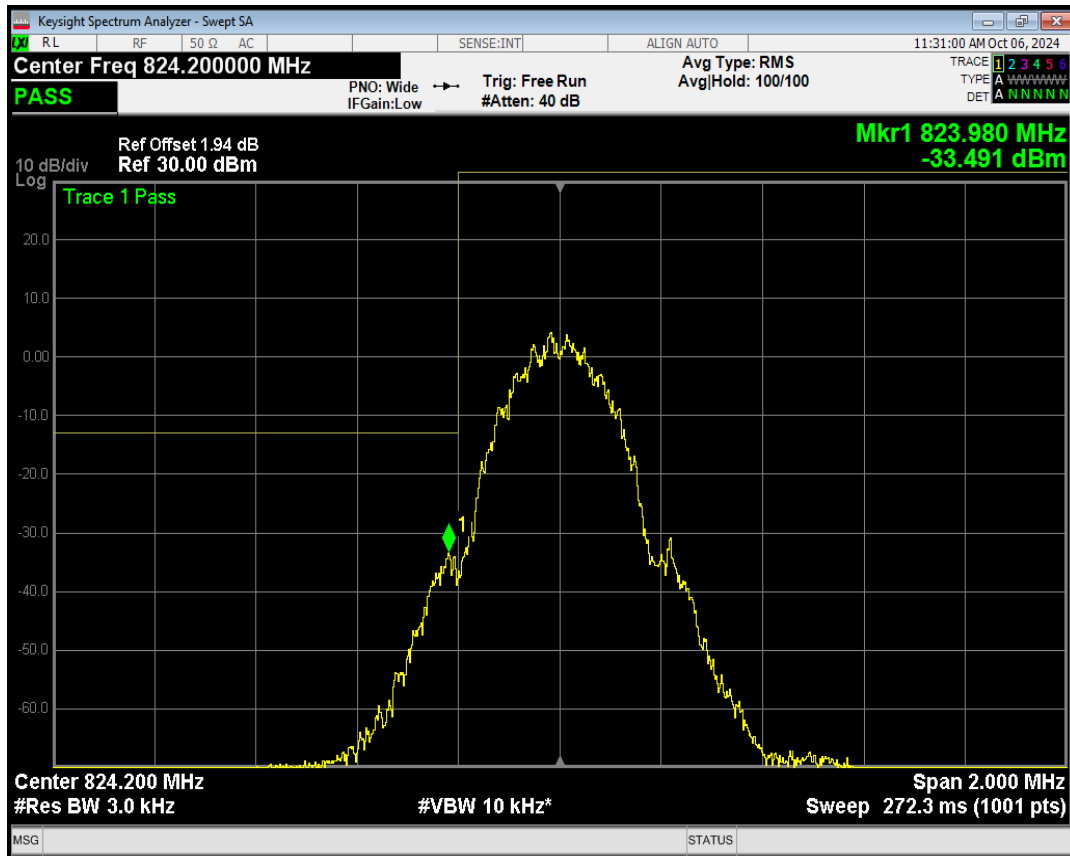
GSM1900 Channel=512



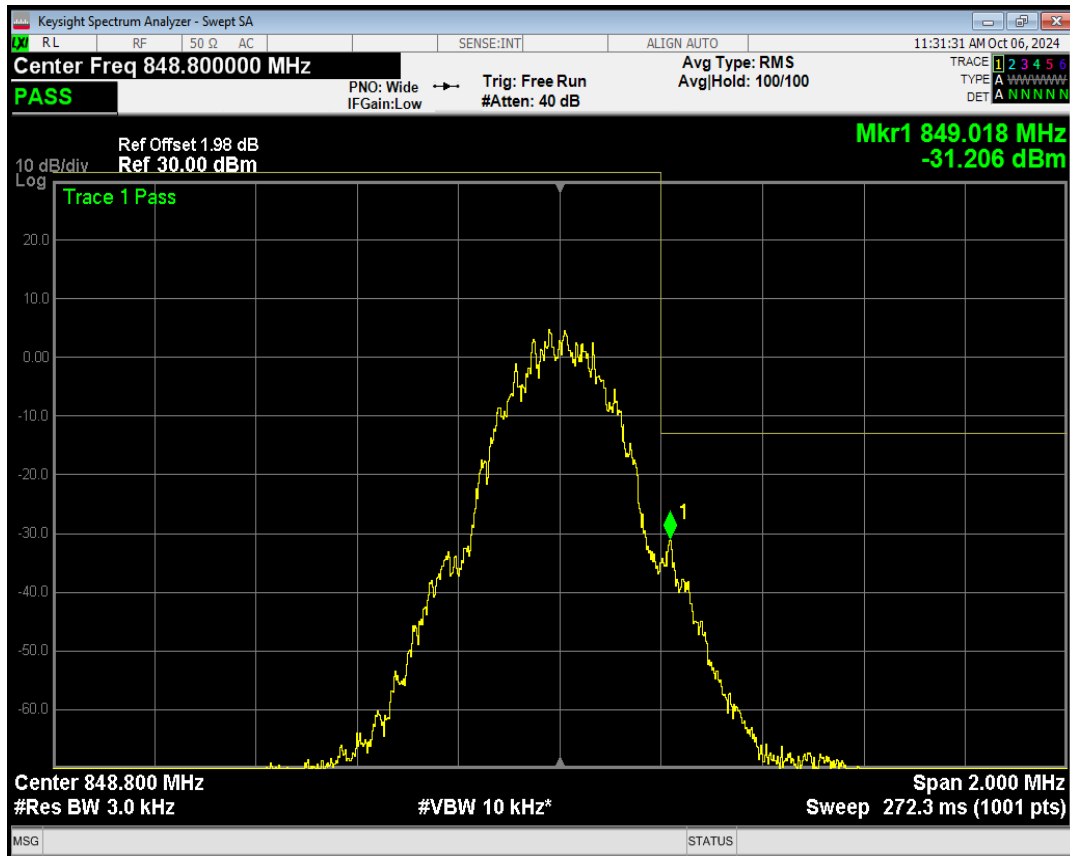
GSM1900 Channel=810



GSM850 Channel=128



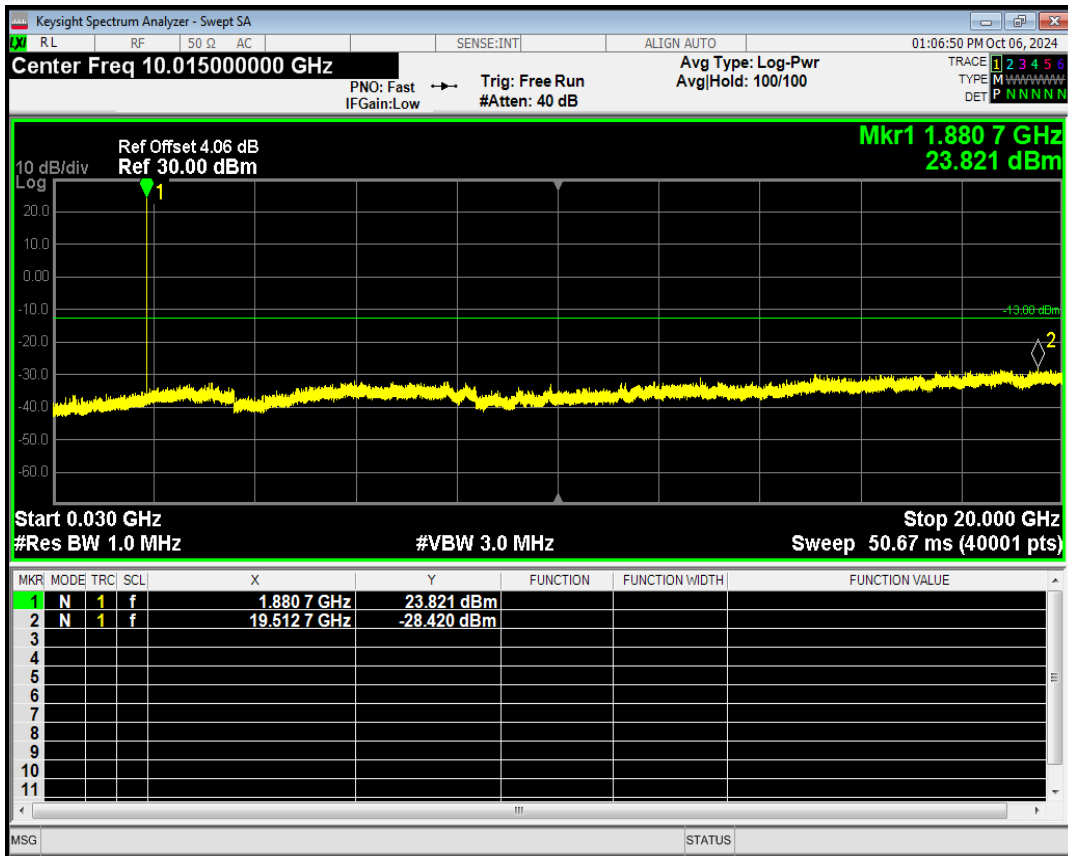
GSM850 Channel=251



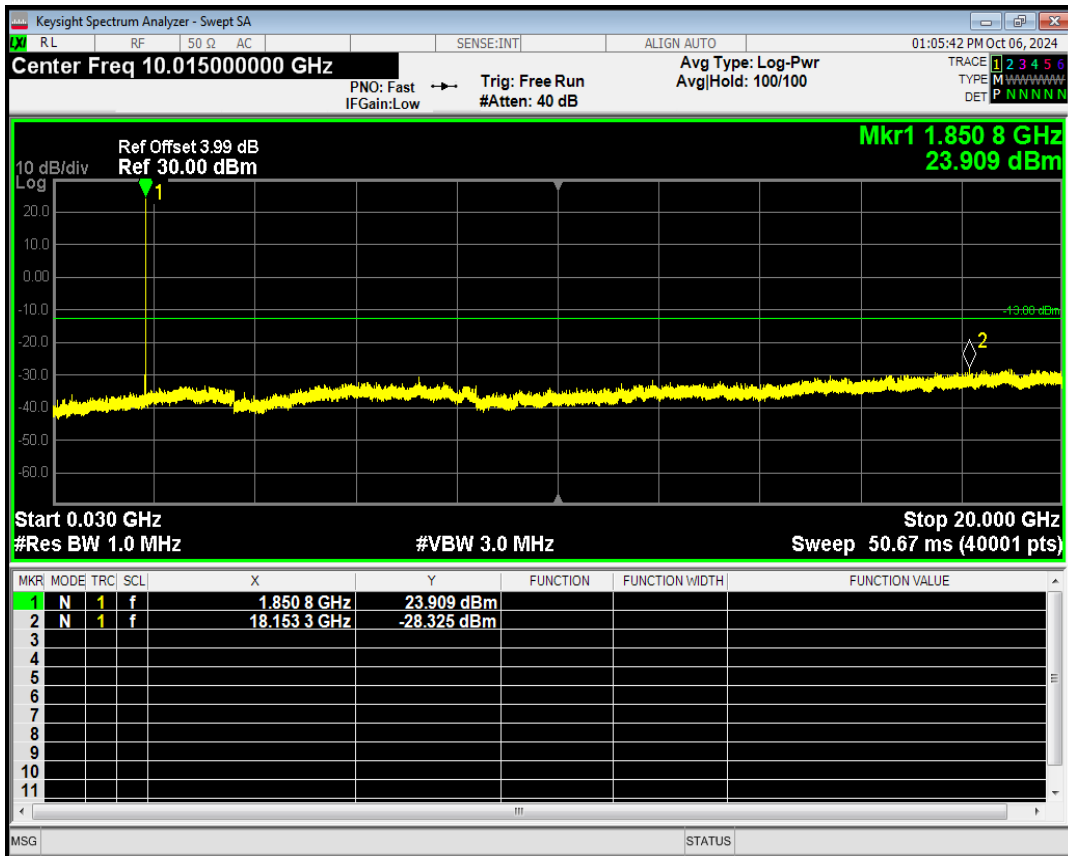
06 Out-of-band emissions

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
GSM1900	512	1850.2	18153.27	-28.32	-13	PASS
GSM1900	661	1880	19512.73	-28.41	-13	PASS
GSM1900	810	1909.8	19505.74	-27.58	-13	PASS
GSM850	128	824.2	7302.62	-33.80	-13	PASS
GSM850	190	836.6	6073.07	-34.03	-13	PASS
GSM850	251	848.8	6417.28	-34.14	-13	PASS

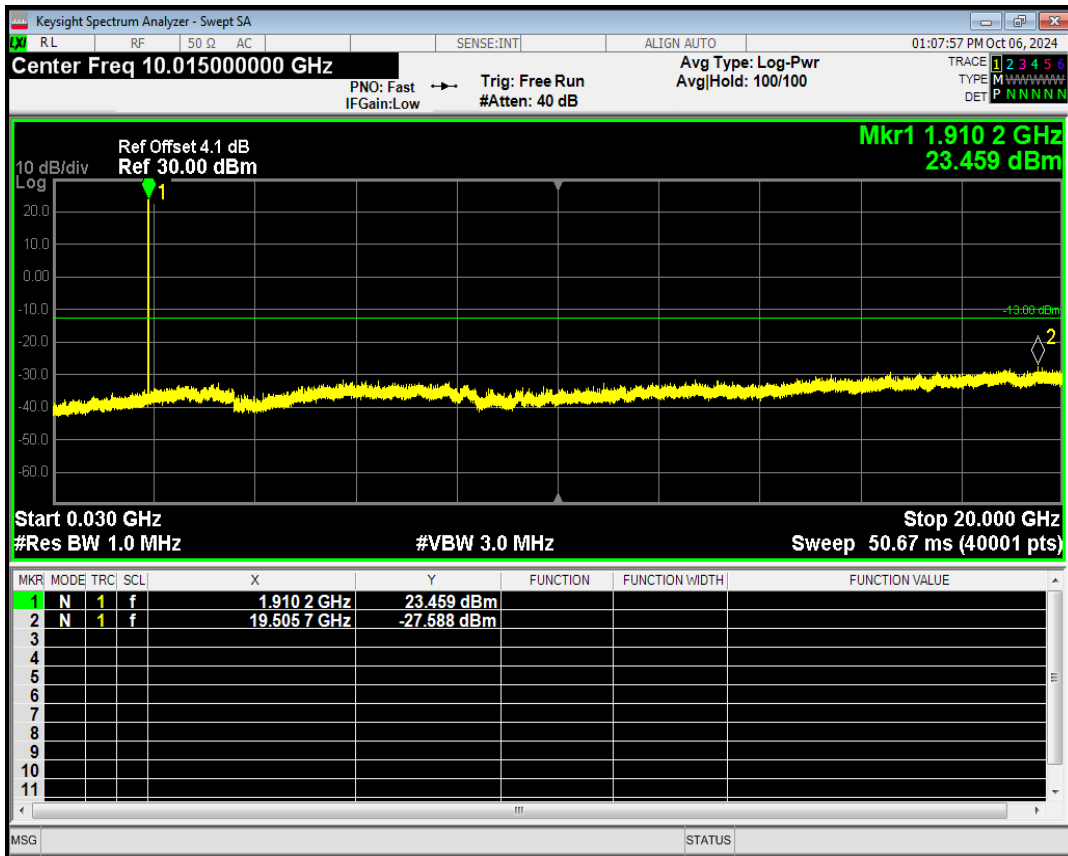
GSM1900 Channel=661



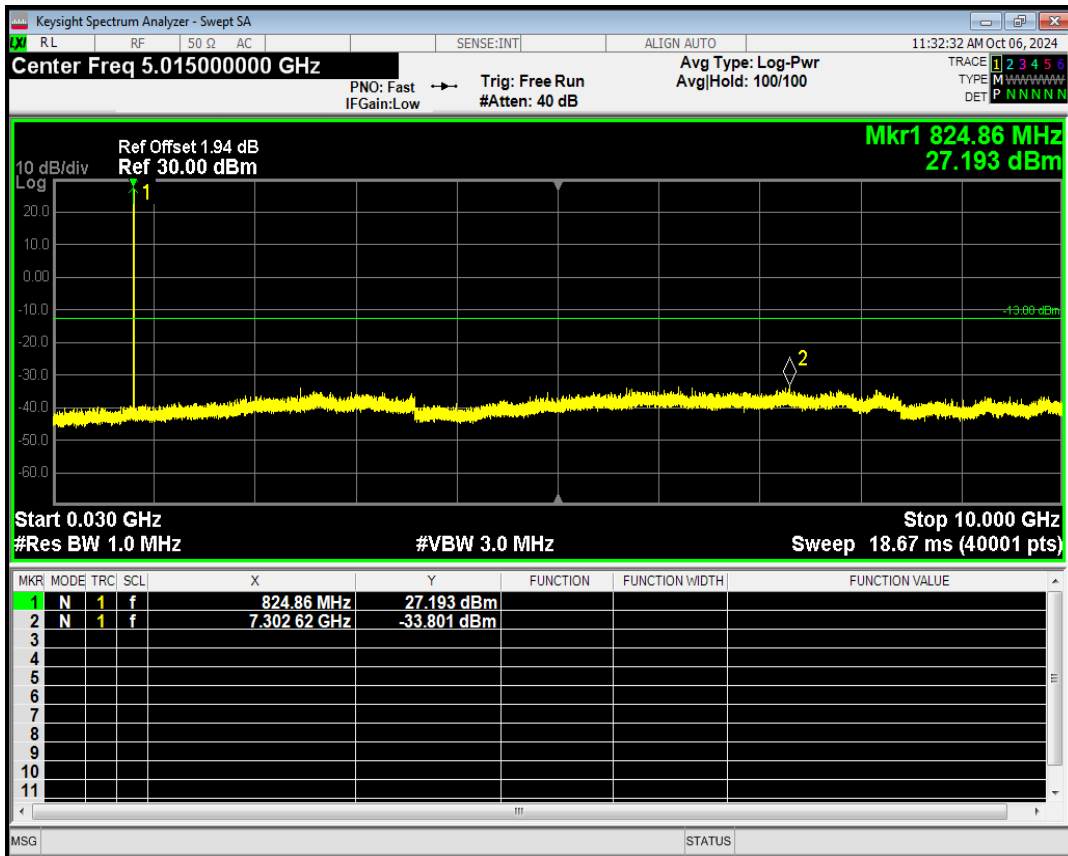
GSM1900 Channel=512



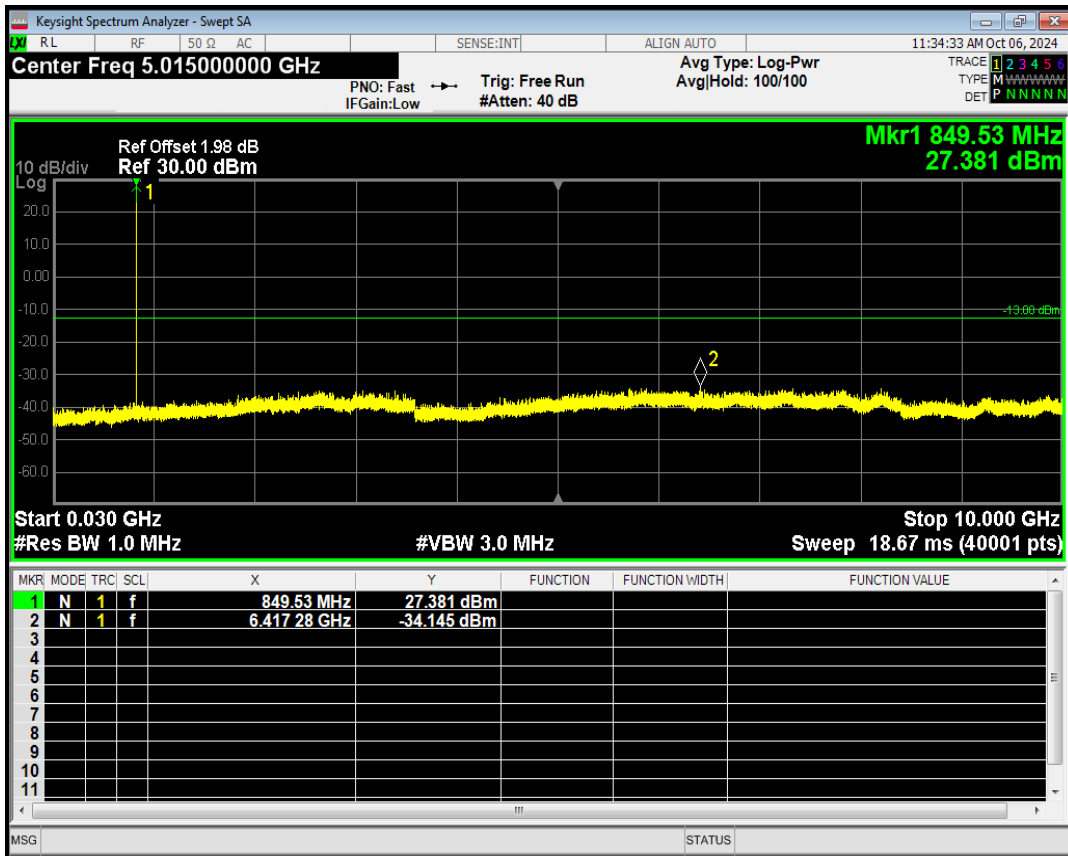
GSM1900 Channel=810



GSM850 Channel=128



GSM850 Channel=251



GSM850 Channel=190

