

ANNEX

FCC Test Report

FCC ID: 2BBGL-T12

Applicant: Shenzhenshi huazhirui keji Co. LTD

Address: Room 2301B16, Building A, Xinghe Century, No. 3069, Caitian Road, Gangsha Community, Futian Street, Futian District, Shenzhen

Manufacturer: Shenzhenshi huazhirui keji Co. LTD

Address: Room 2301B16, Building A, Xinghe Century, No. 3069, Caitian Road, Gangsha Community, Futian Street, Futian District, Shenzhen

EUT: GPS TRACKER

Trade Mark: N/A

Model Number: T12, TK200, TK201, TK202A, TK202B, TK203, TK205, TK206, TK208, TK209, TK300, TK306, TK600, TK800b, TK800C, TK900, GT02, GT02D, TK100, TK110, GT06, TK102b, TK103A, TK103b, ST901, PG03, CJ720, MV720

Date of Receipt: May. 22, 2023

Test Date: May. 22, 2023 - Jun. 06, 2023

Date of Report: Jun. 06, 2023

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

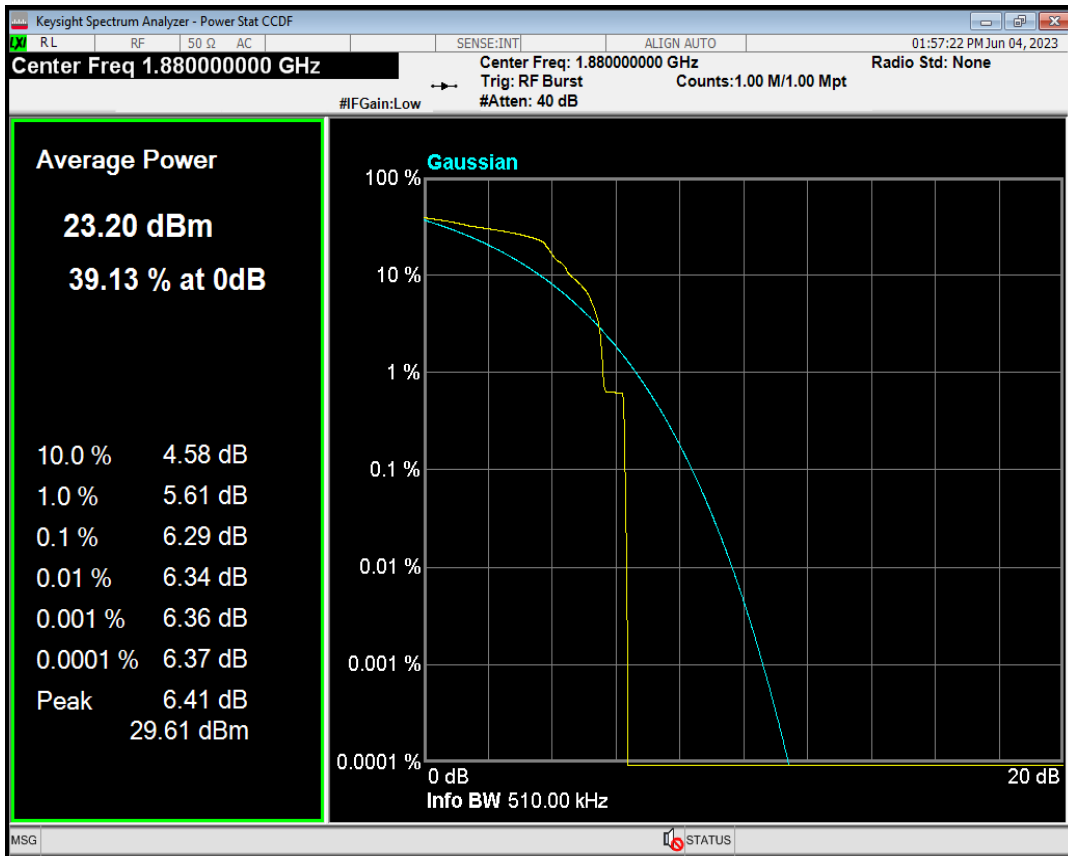
Applicable Standards: FCC CFR Title 47 Part22 Subpart H
FCC CFR Title 47 Part24 Subpart E
ANSI/ TIA/ EIA-603-D-2010
FCC KDB 971168 D01 Power Meas. License Digital Systems v02v02
ANSI C63.26:2015

Test Result: Pass

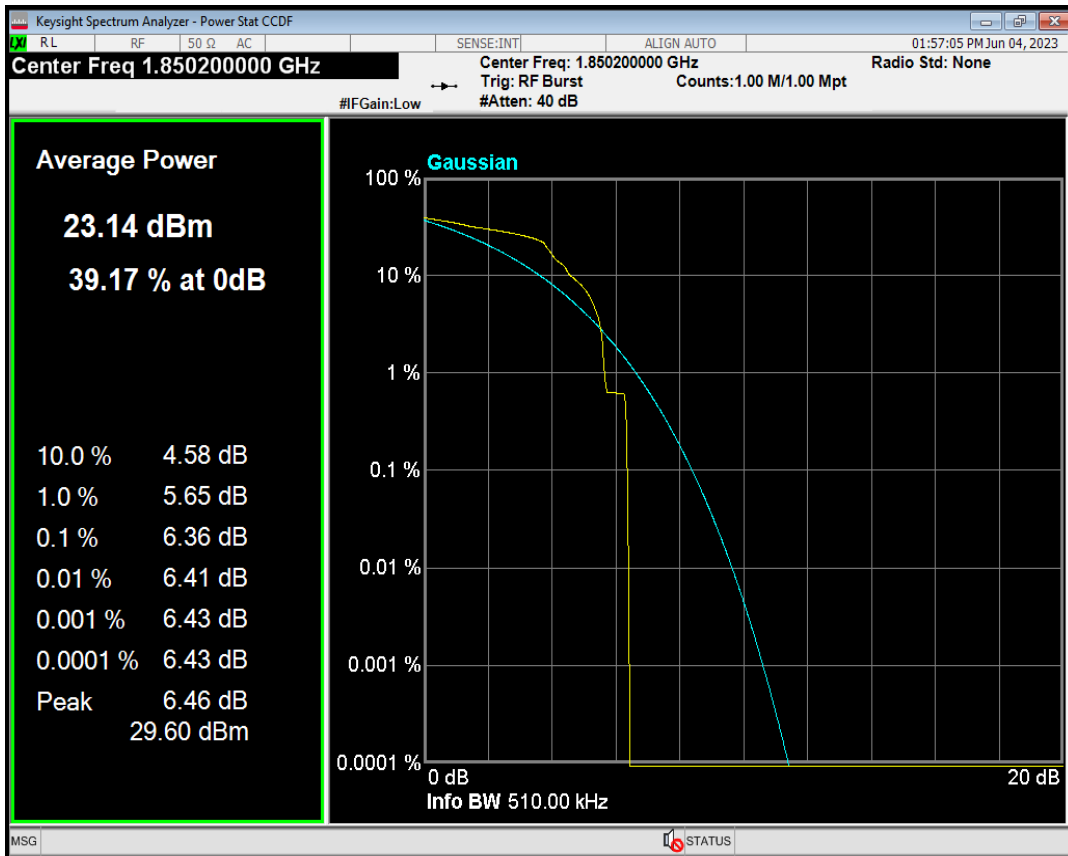
15 Peak-to-Average Ratio

Band	Channel	Frequency (MHz)	Result (dB)	high Limit (dB)	Verdict
EGPRS1900	512	1850.2	6.35692	13.00	PASS
EGPRS1900	661	1880	6.294960317	13.00	PASS
EGPRS1900	810	1909.8	6.218036364	13.00	PASS
EGPRS850	128	824.2	8.810377834	13.00	PASS
EGPRS850	190	836.6	8.896847826	13.00	PASS
EGPRS850	251	848.8	8.679633968	13.00	PASS

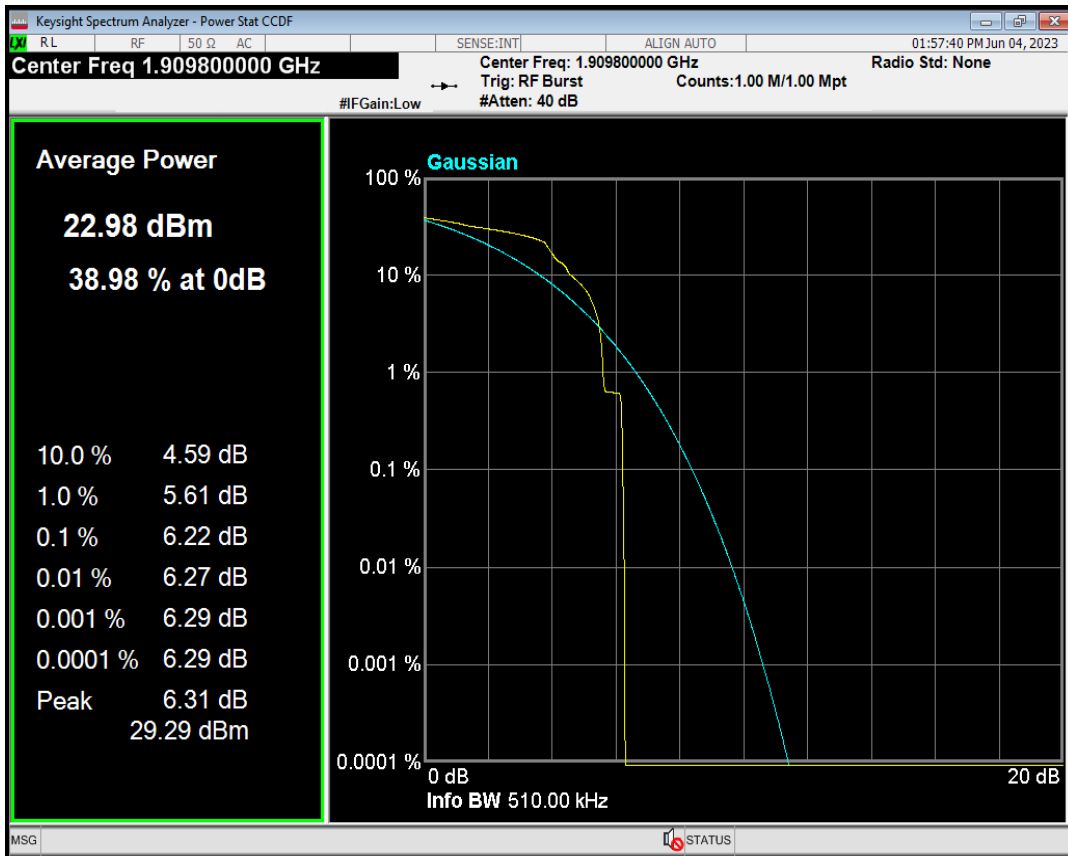
EGPRS1900 Channel=661



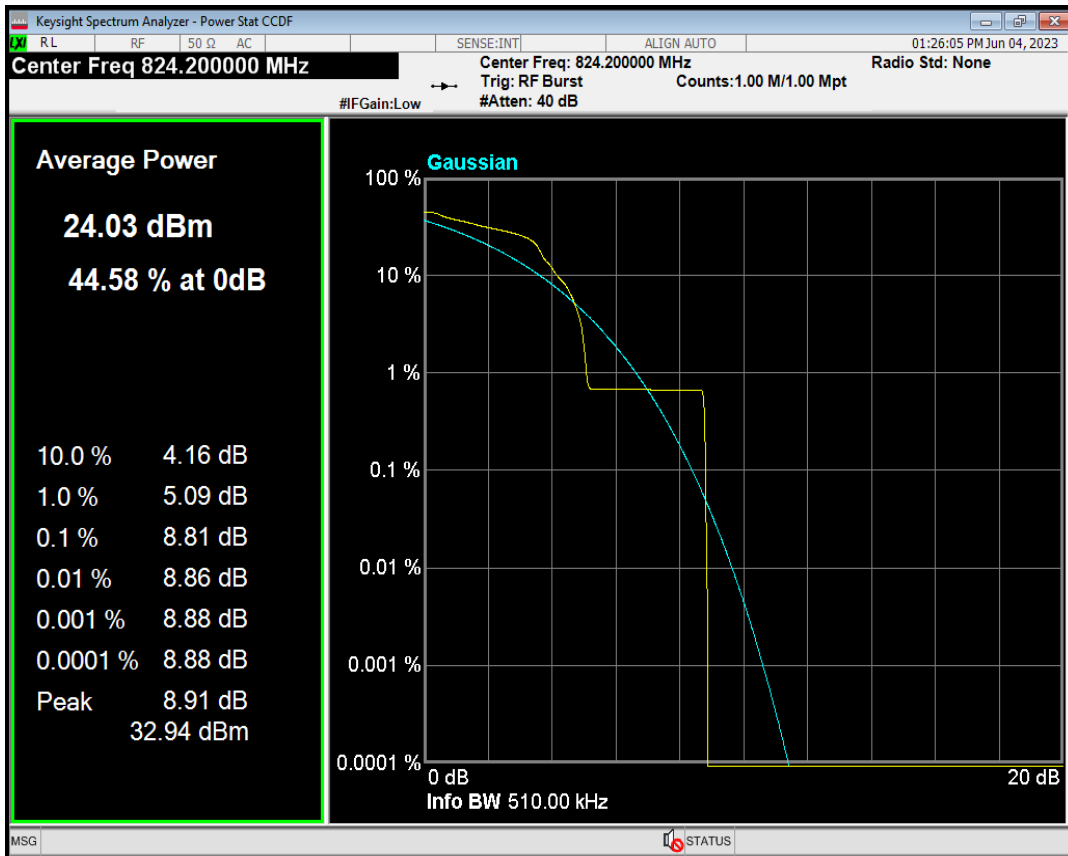
EGPRS1900 Channel=512



EGPRS1900 Channel=810



EGPRS850 Channel=128



EGPRS850 Channel=251



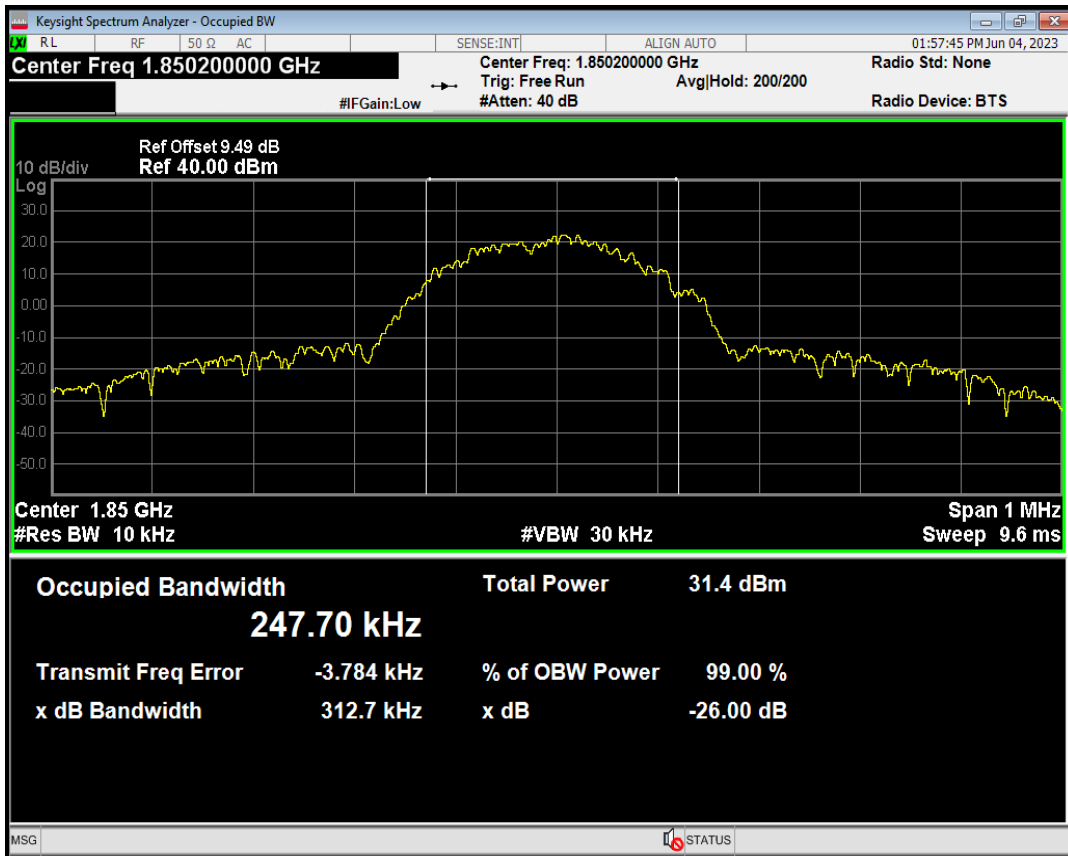
EGPRS850 Channel=190



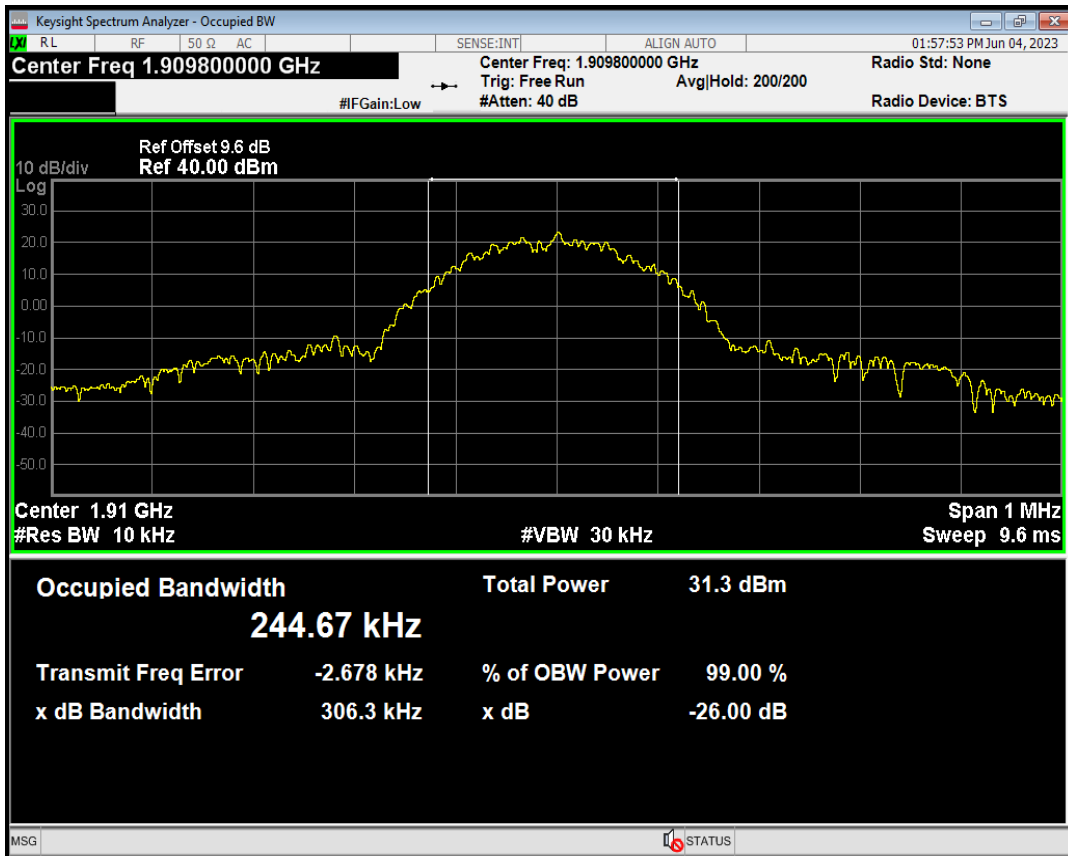
16 Occupied bandwidth

Band	Channel	Frequency (MHz)	99% OBW (kHz)	-26dB EBW (kHz)	Verdict
EGPRS1900	512	1850.2	247.696	312.671	PASS
EGPRS1900	661	1880	237.878	300.583	PASS
EGPRS1900	810	1909.8	244.668	306.320	PASS
EGPRS850	128	824.2	259.242	328.292	PASS
EGPRS850	190	836.6	255.583	320.512	PASS
EGPRS850	251	848.8	258.036	313.544	PASS

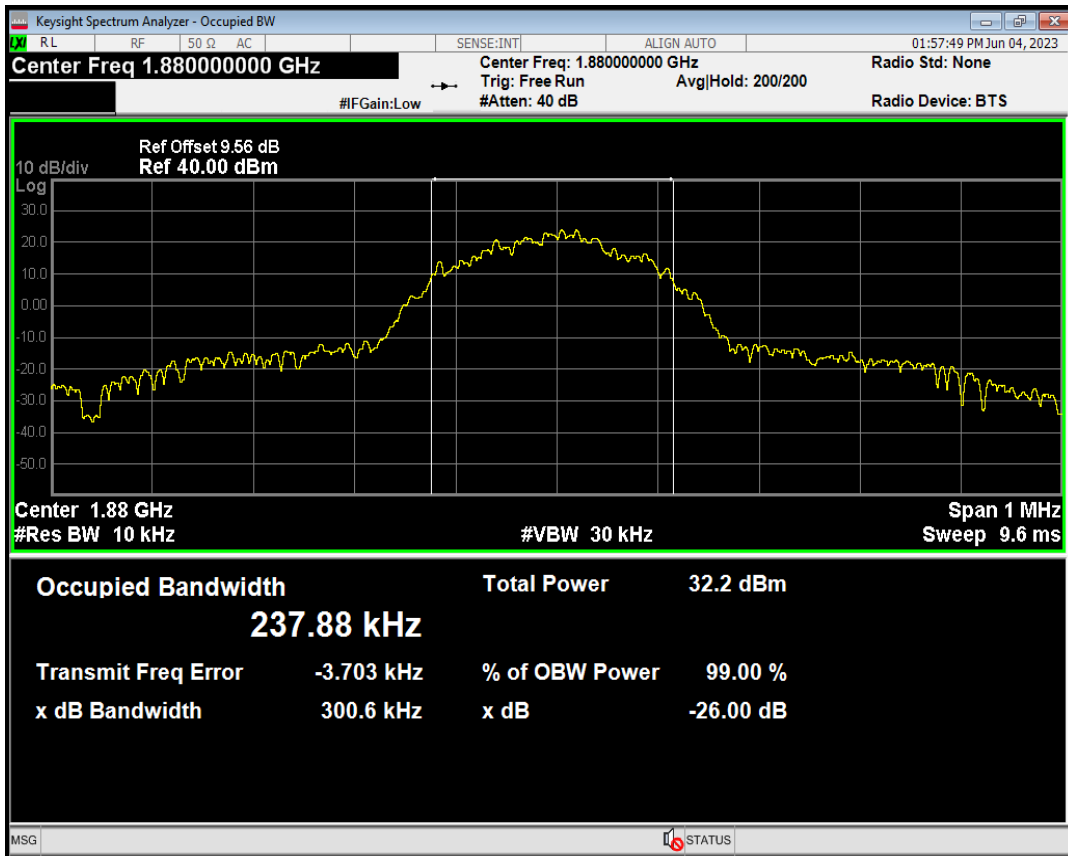
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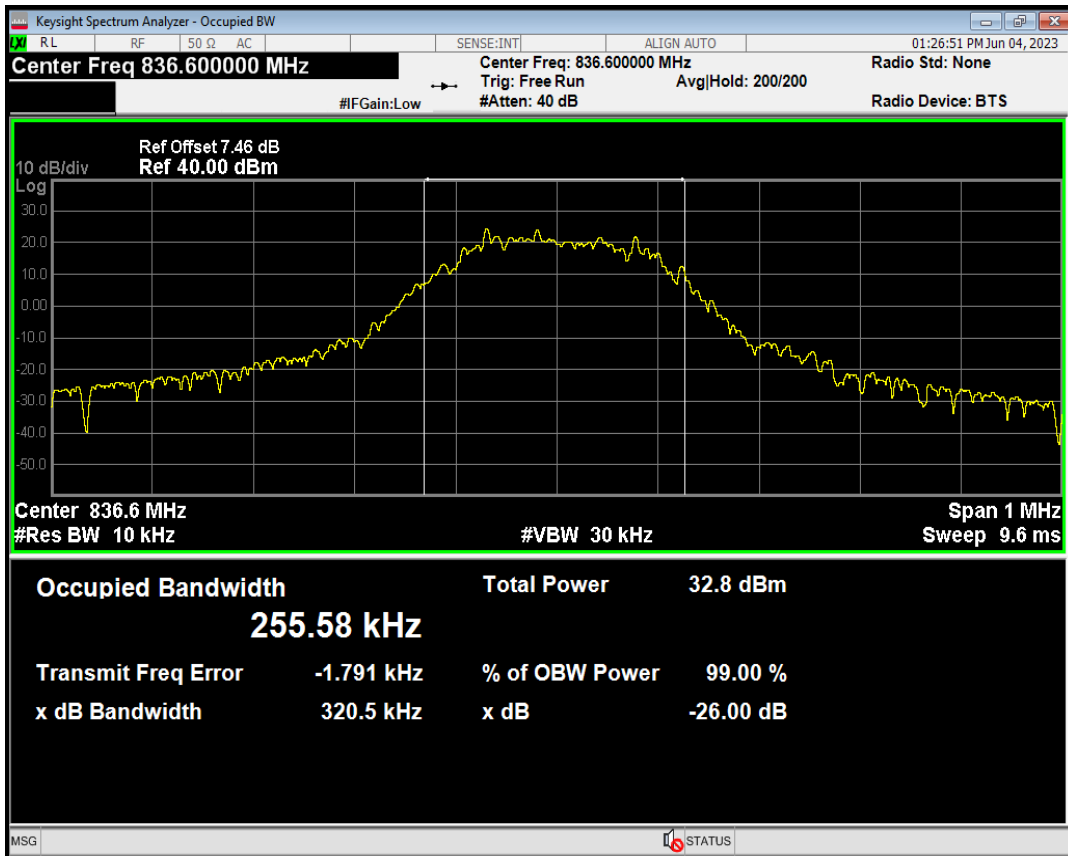
EGPRS1900 Channel=810



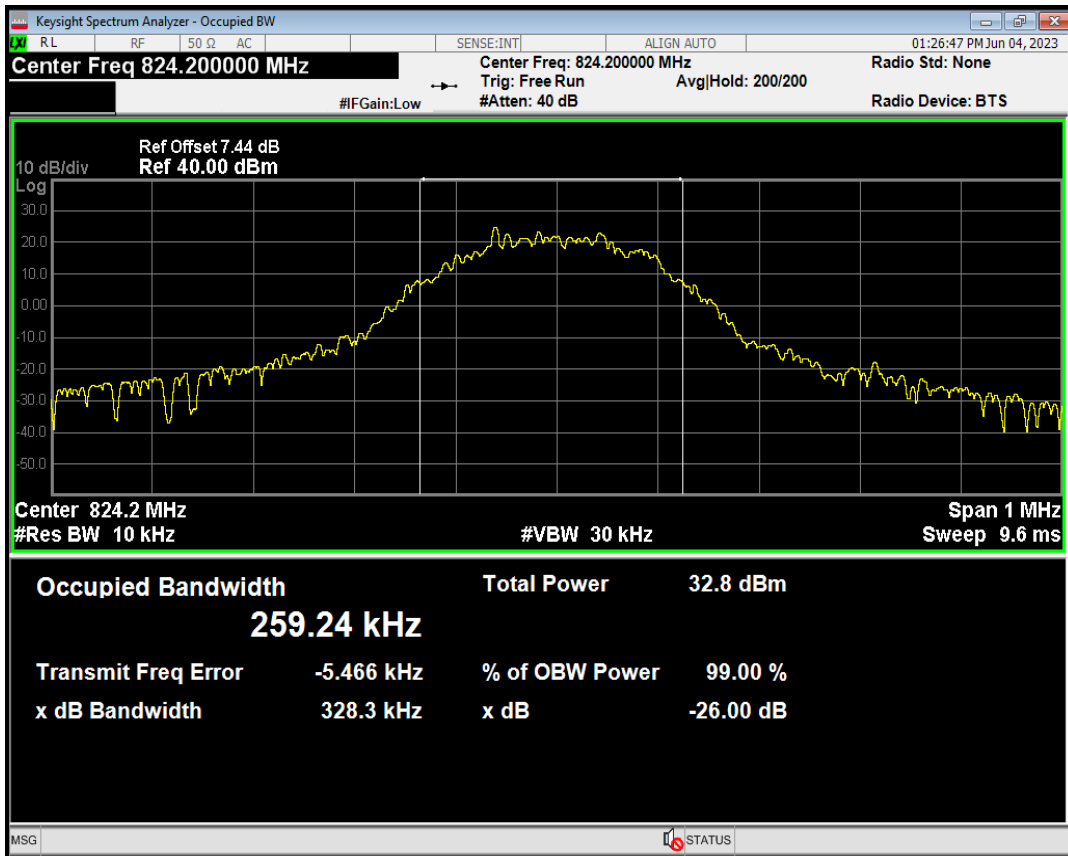
EGPRS1900 Channel=661



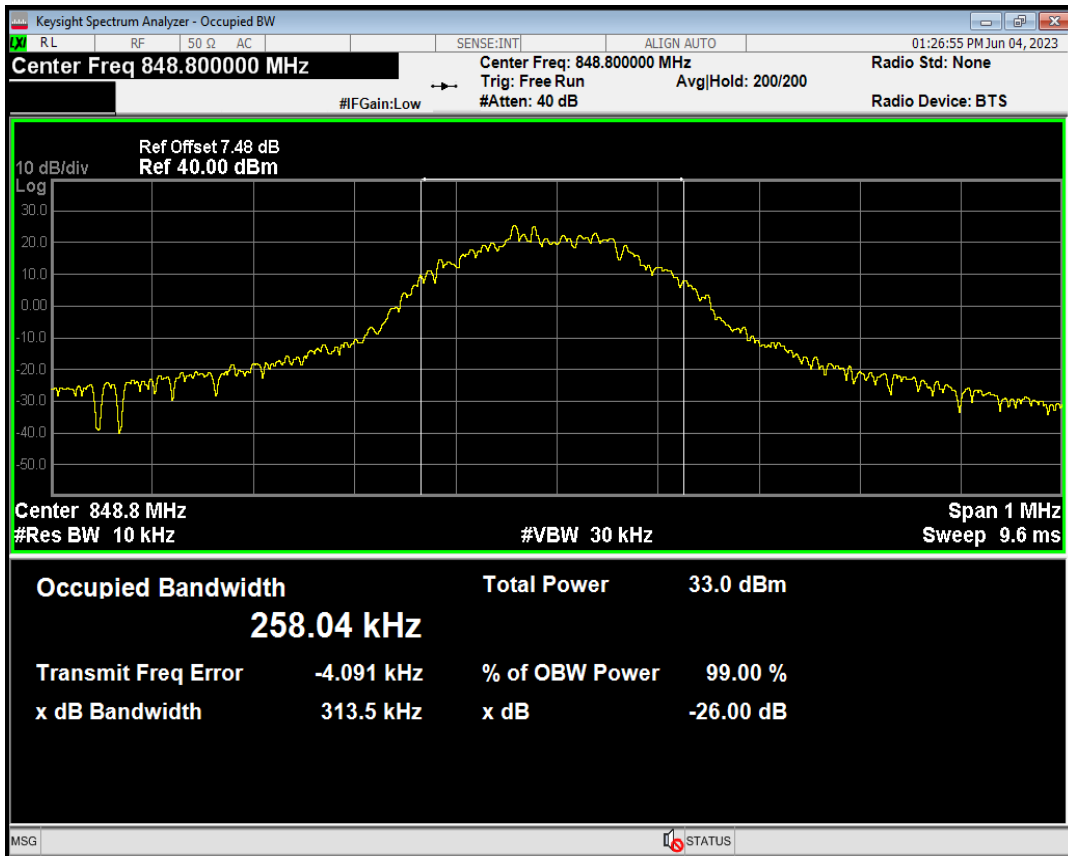
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EGPRS850 Channel=128



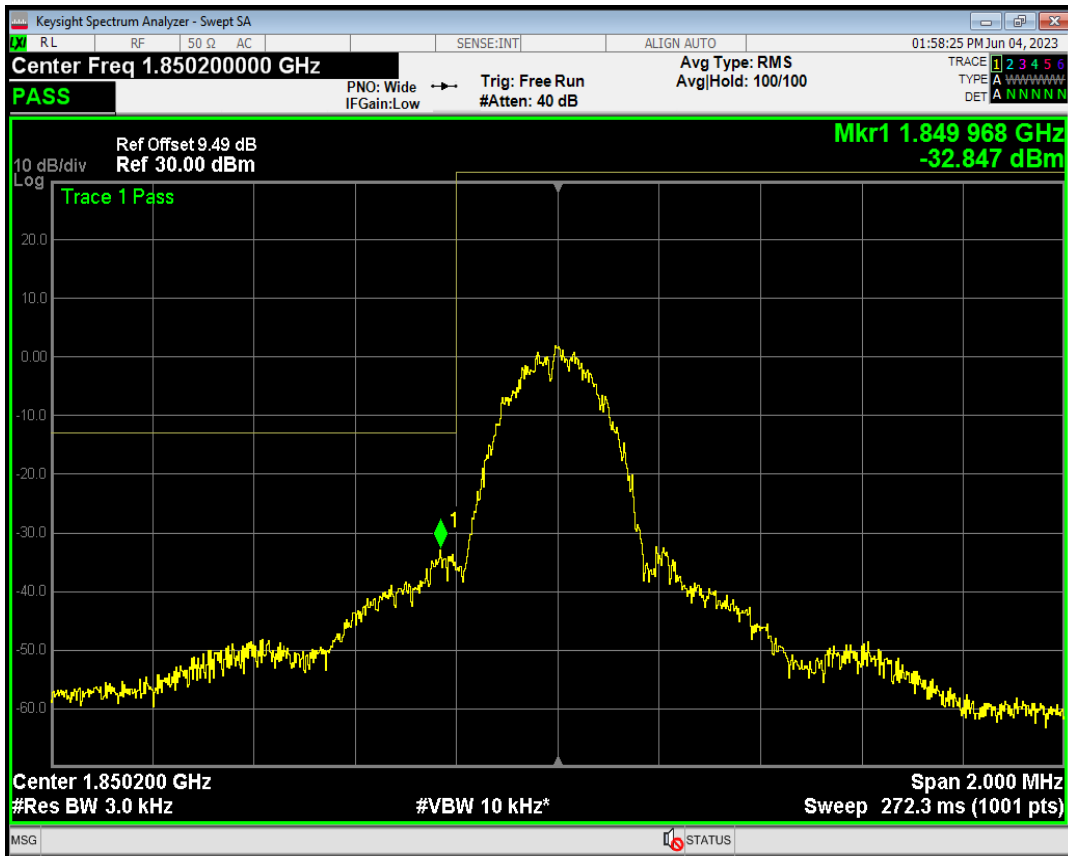
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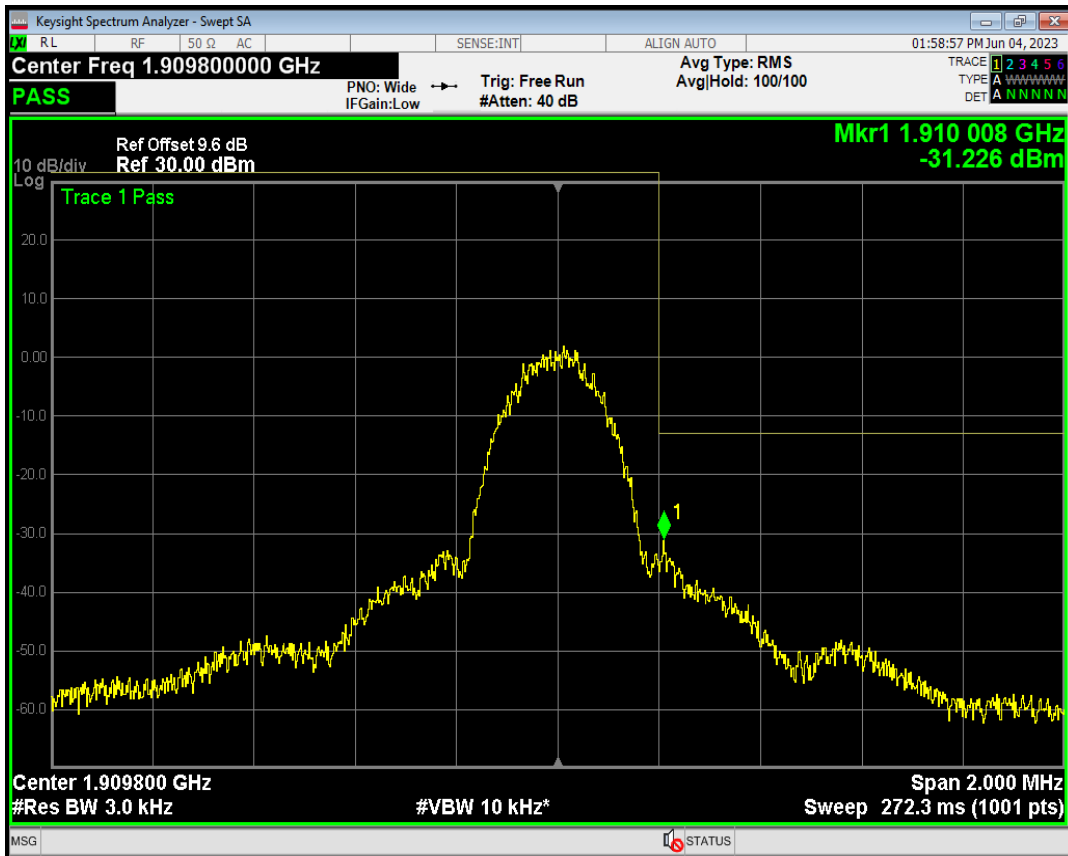
17 Band edge

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
EGPRS1900	512	1850.2	1849.97	-32.84	-13	PASS
EGPRS1900	810	1909.8	1910.01	-31.22	-13	PASS
EGPRS850	128	824.2	824.00	-31.88	-13	PASS
EGPRS850	251	848.8	849.00	-31.16	-13	PASS

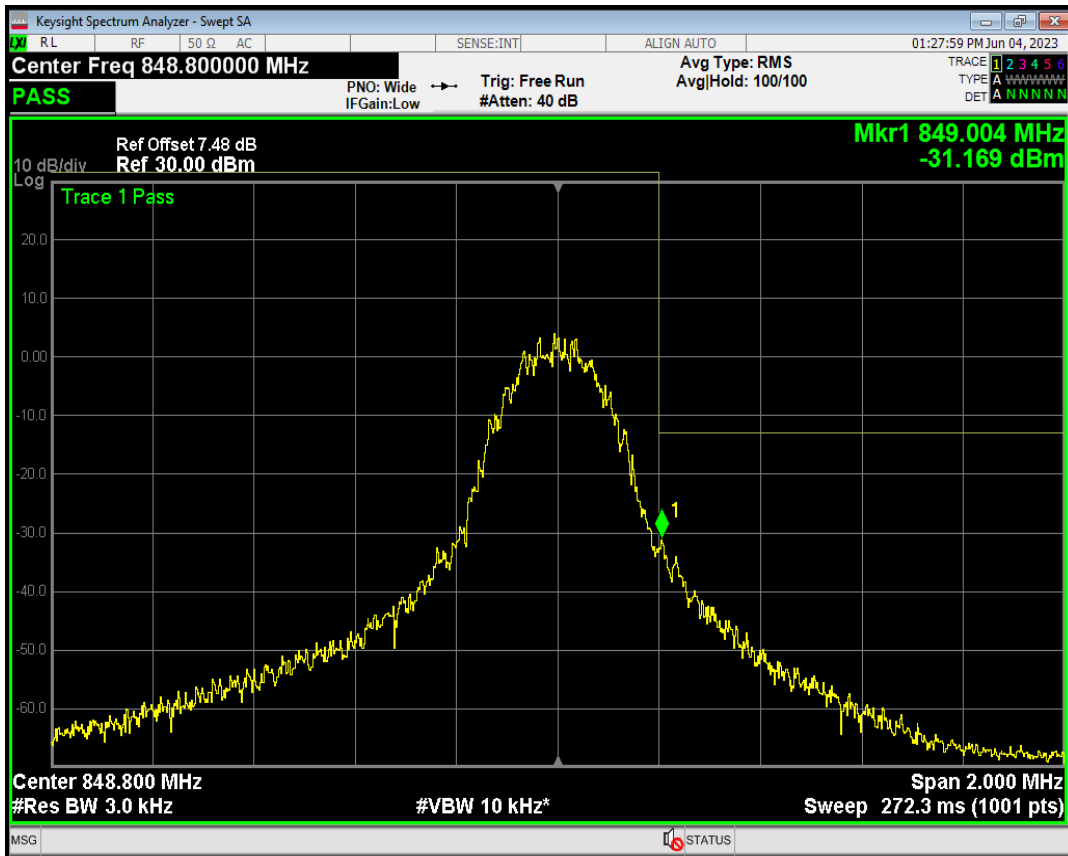
EGPRS1900 Channel=512



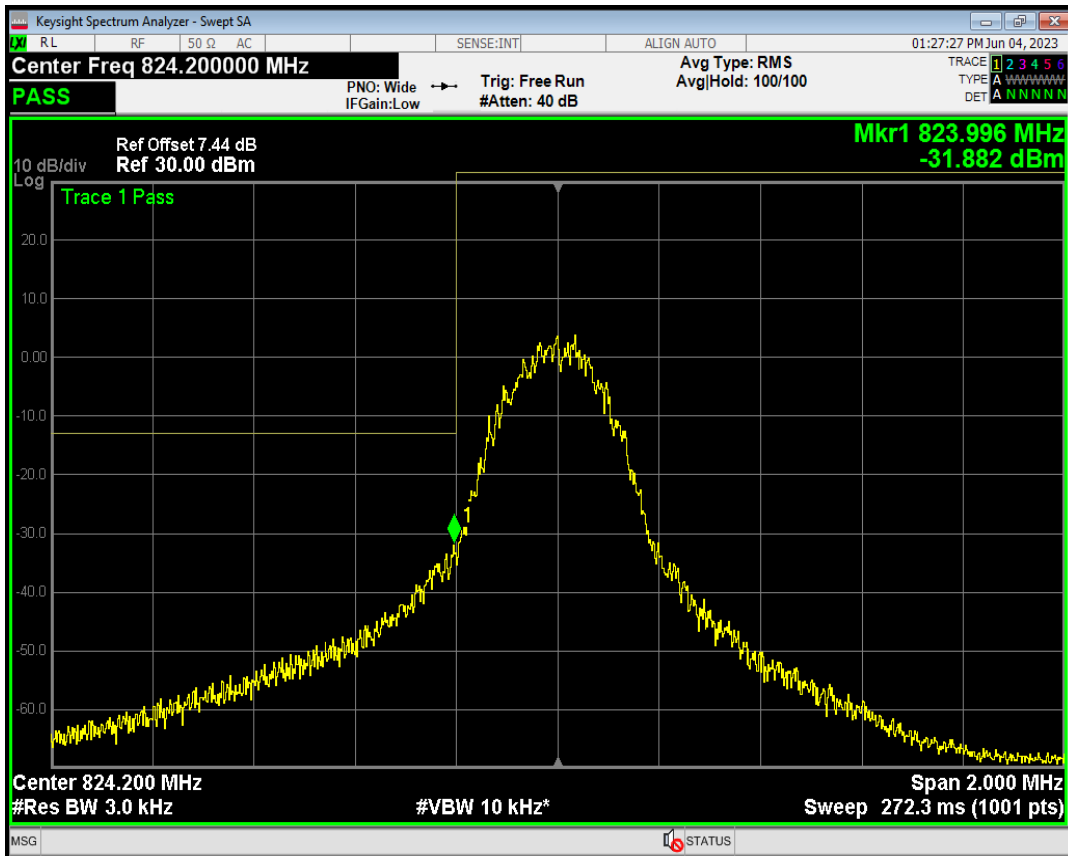
EGPRS1900 Channel=810



EGPRS850 Channel=251



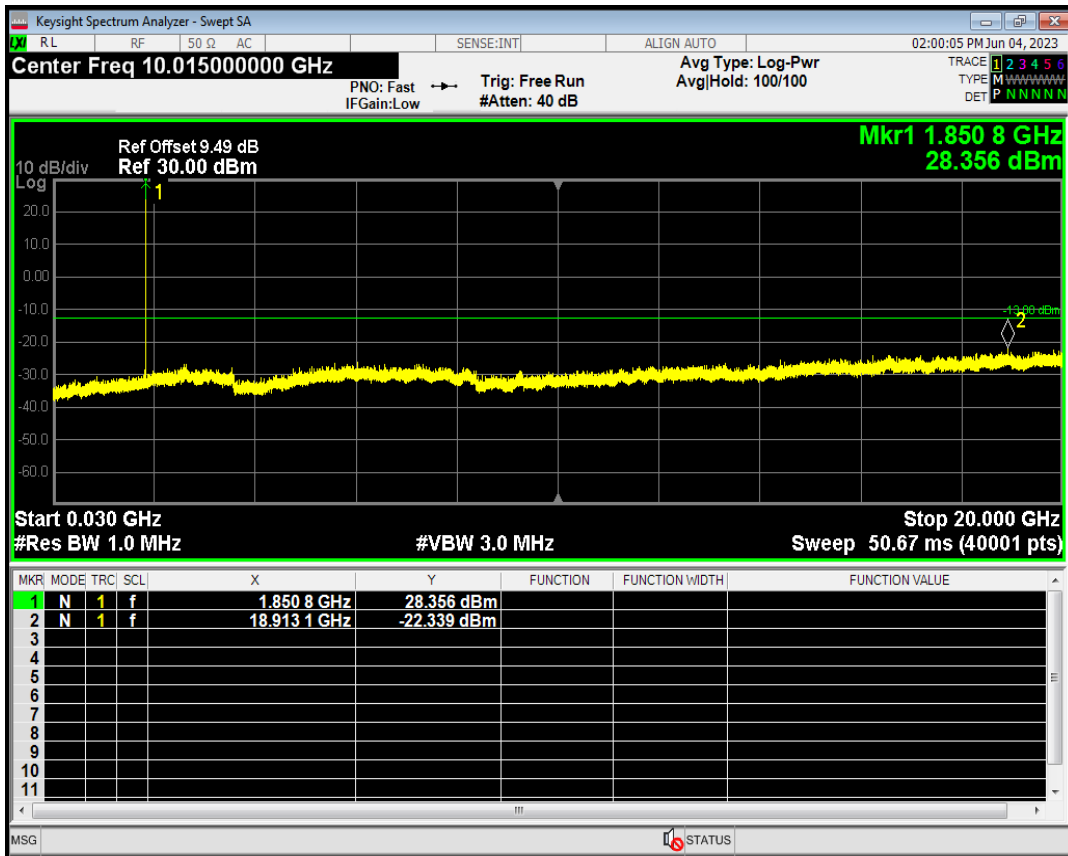
EGPRS850 Channel=128



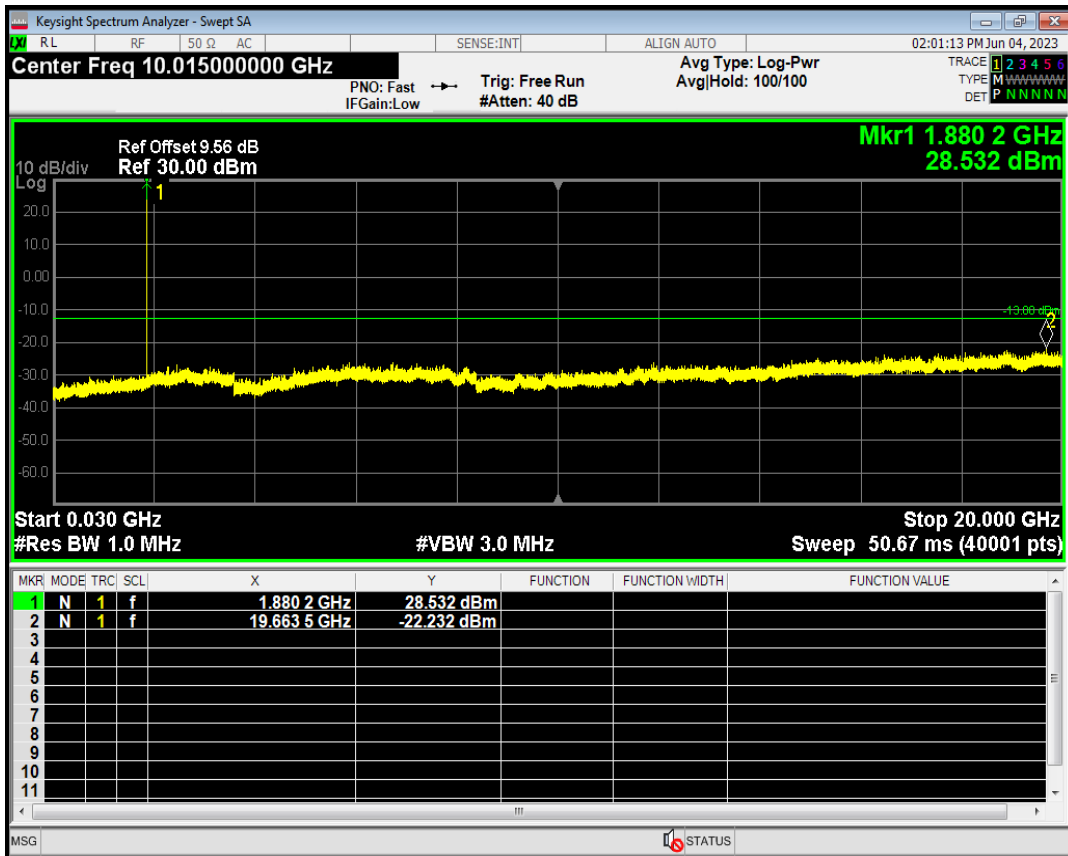
18 Out-of-band emissions

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
EGPRS1900	512	1850.2	18913.13	-22.33	-13	PASS
EGPRS1900	661	1880	19663.51	-22.23	-13	PASS
EGPRS1900	810	1909.8	19512.73	-21.94	-13	PASS
EGPRS850	128	824.2	5835.28	-28.71	-13	PASS
EGPRS850	190	836.6	7258.50	-28.16	-13	PASS
EGPRS850	251	848.8	6218.63	-28.54	-13	PASS

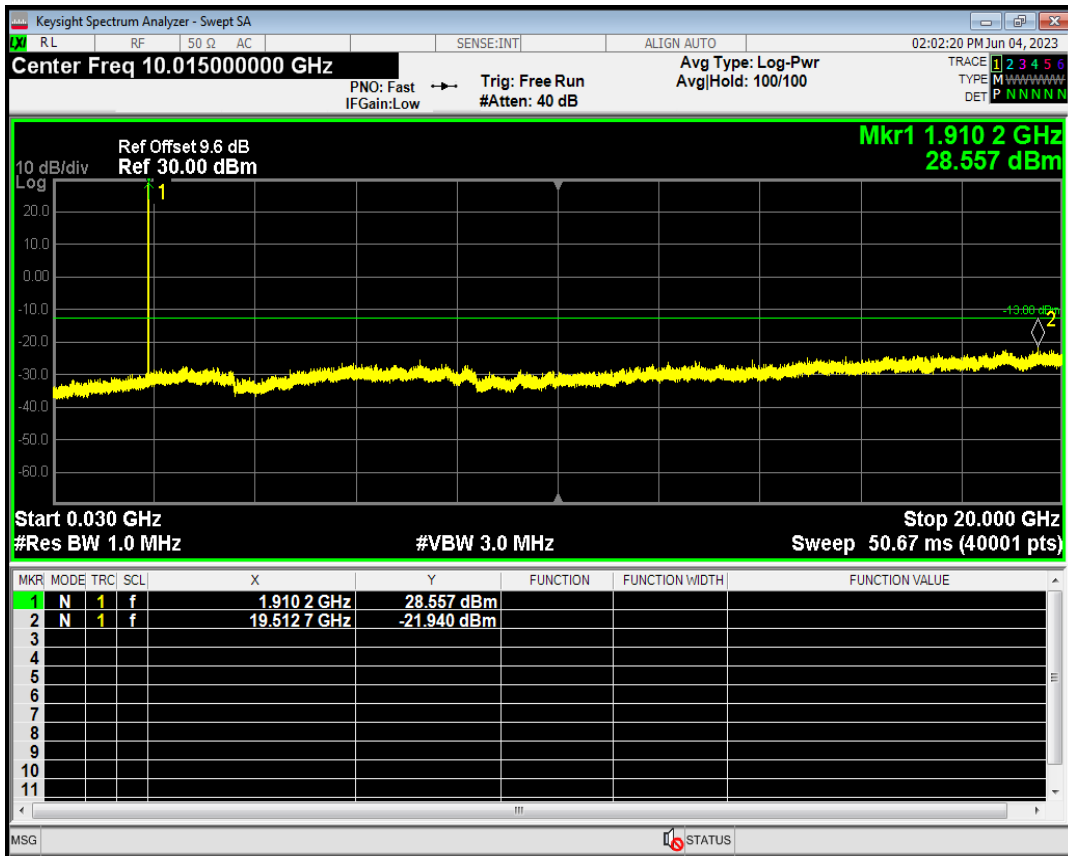
EGPRS1900 Channel=512



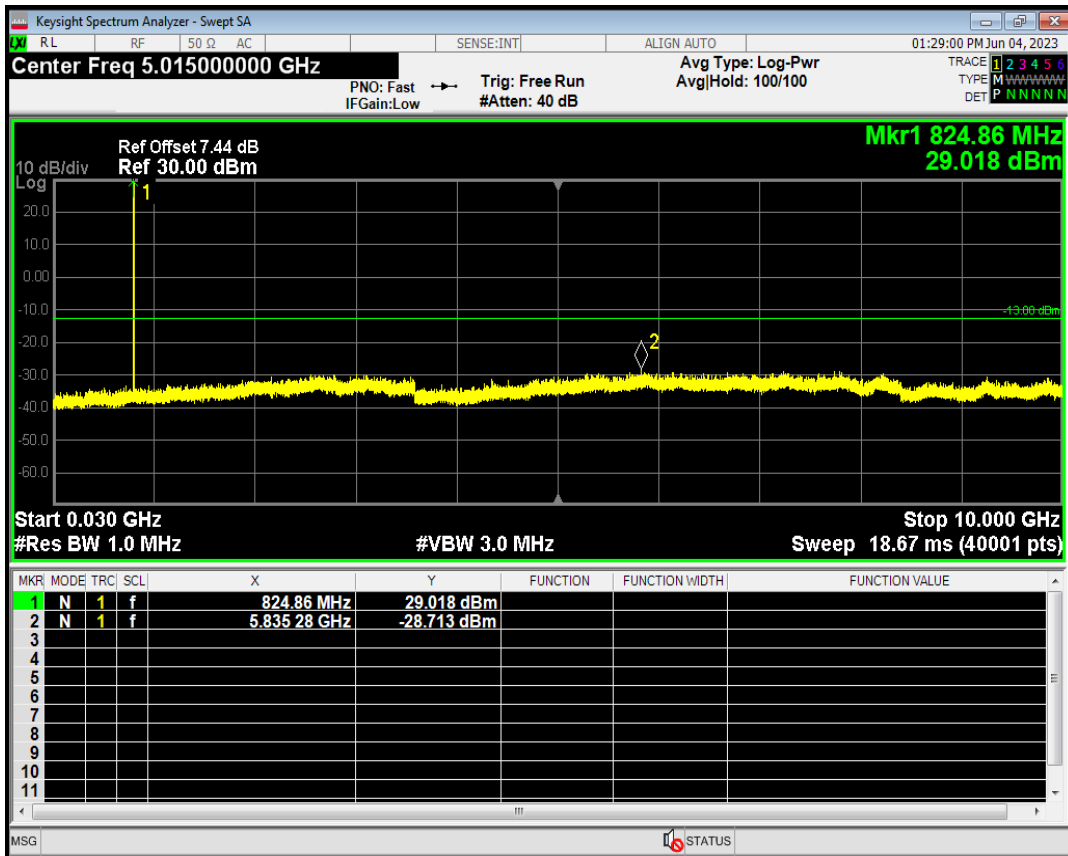
EGPRS1900 Channel=661



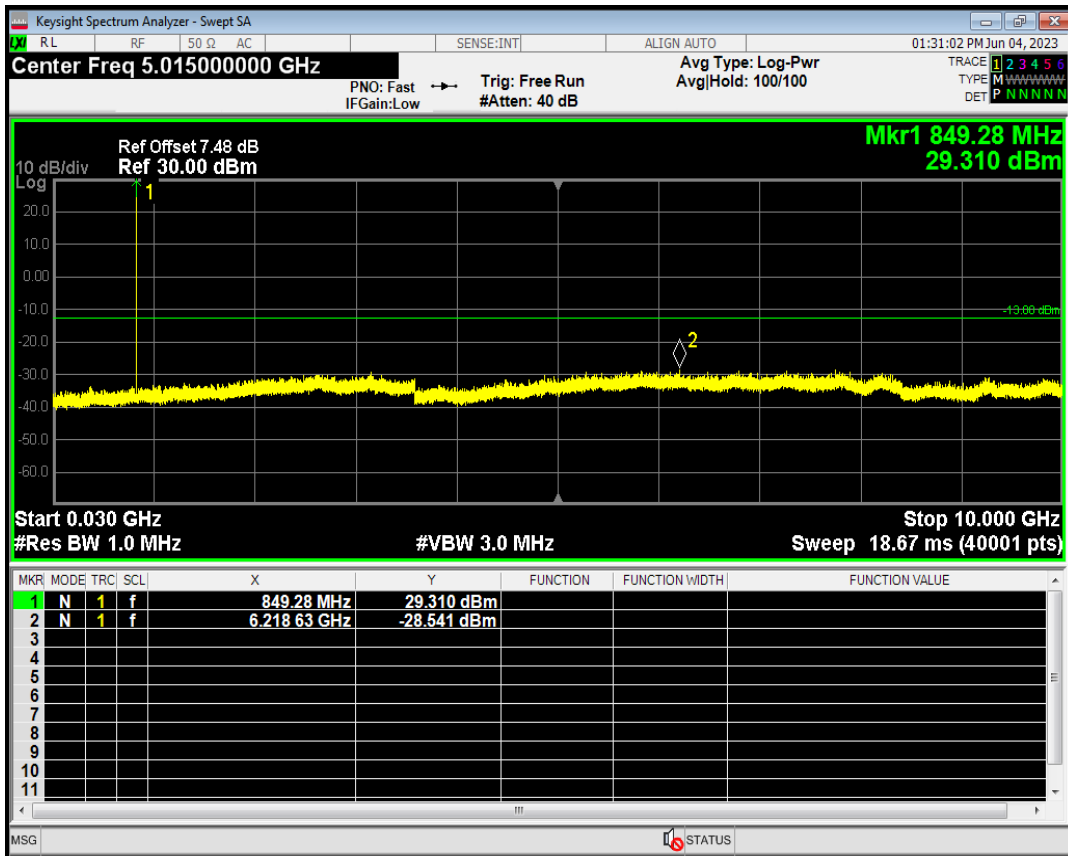
EGPRS1900 Channel=810



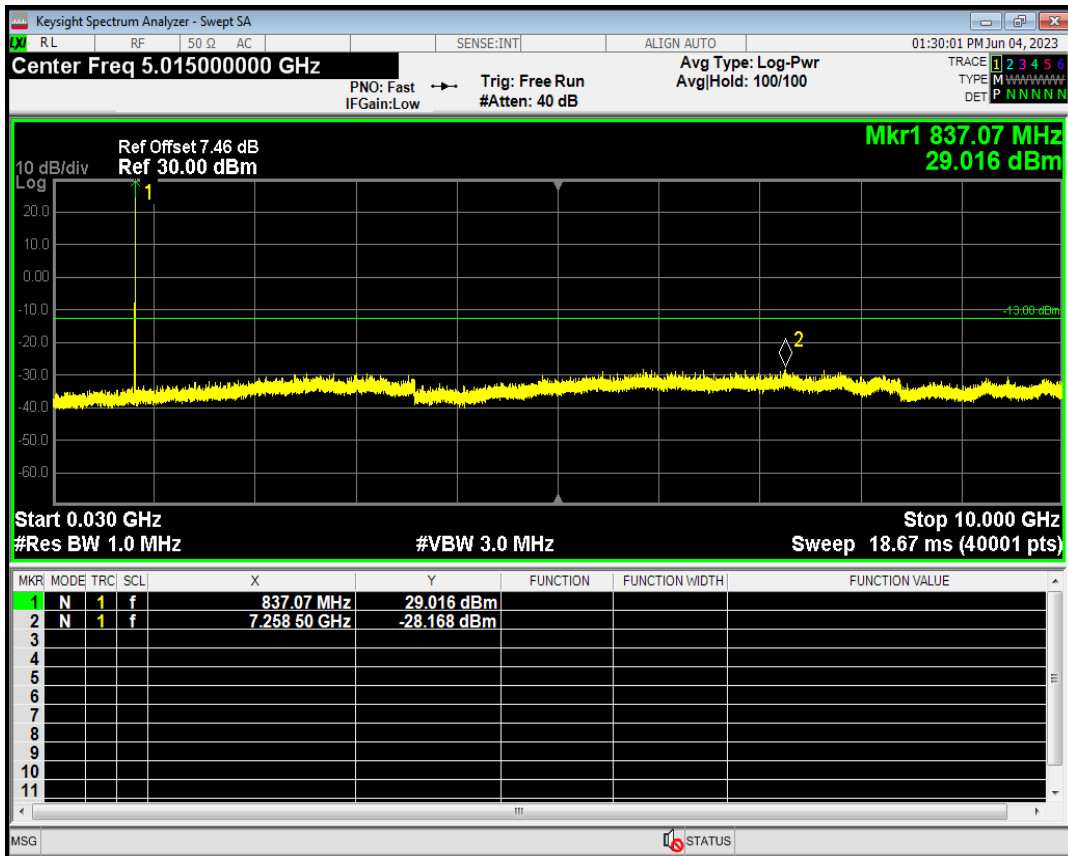
EGPRS850 Channel=128



EGPRS850 Channel=251



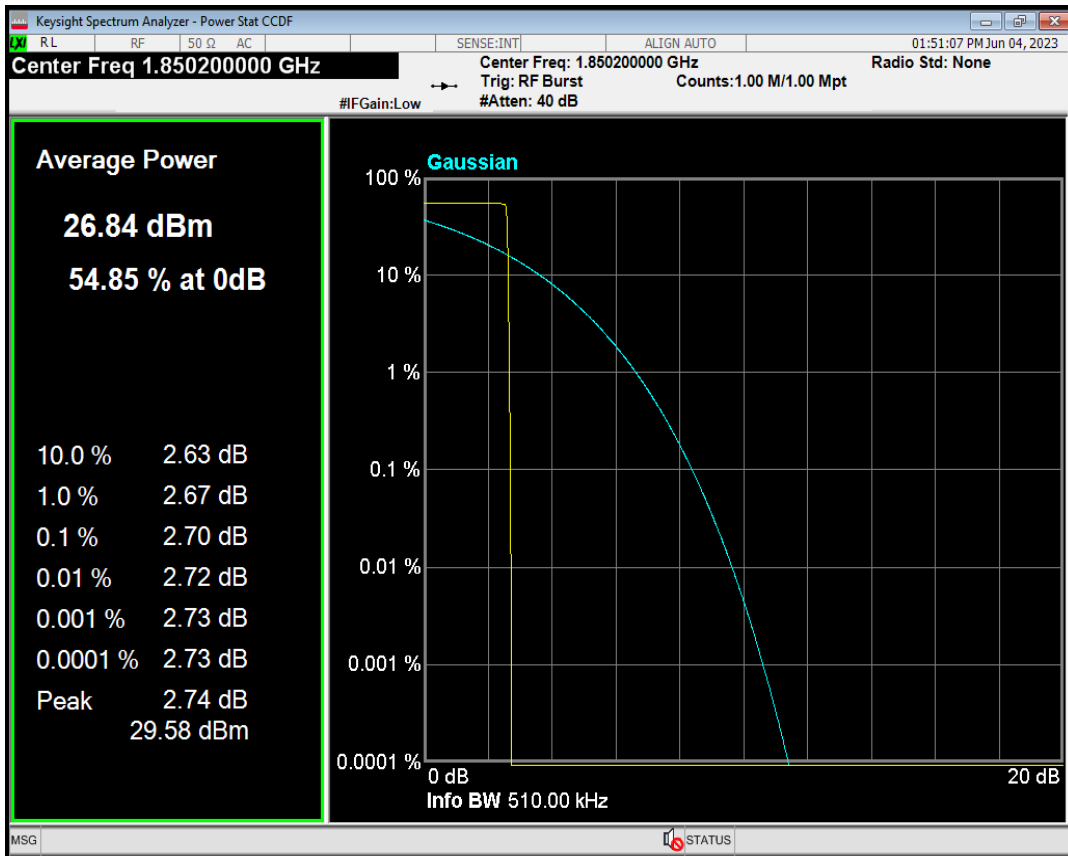
EGPRS850 Channel=190



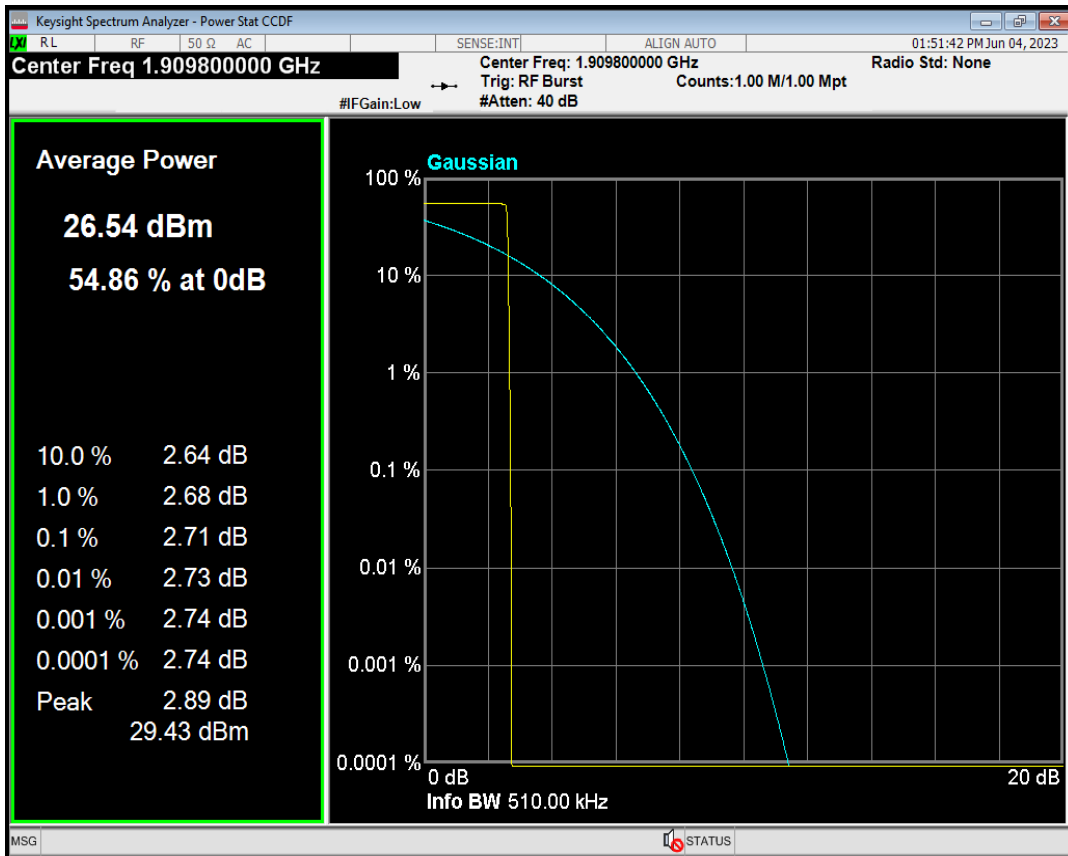
09 Peak-to-Average Ratio

Band	Channel	Frequency (MHz)	Result (dB)	high Limit (dB)	Verdict
GPRS1900	512	1850.2	2.700713306	13.00	PASS
GPRS1900	661	1880	2.70840123	13.00	PASS
GPRS1900	810	1909.8	2.708556452	13.00	PASS
GPRS850	128	824.2	2.715770833	13.00	PASS
GPRS850	190	836.6	2.725524862	13.00	PASS
GPRS850	251	848.8	2.718330508	13.00	PASS

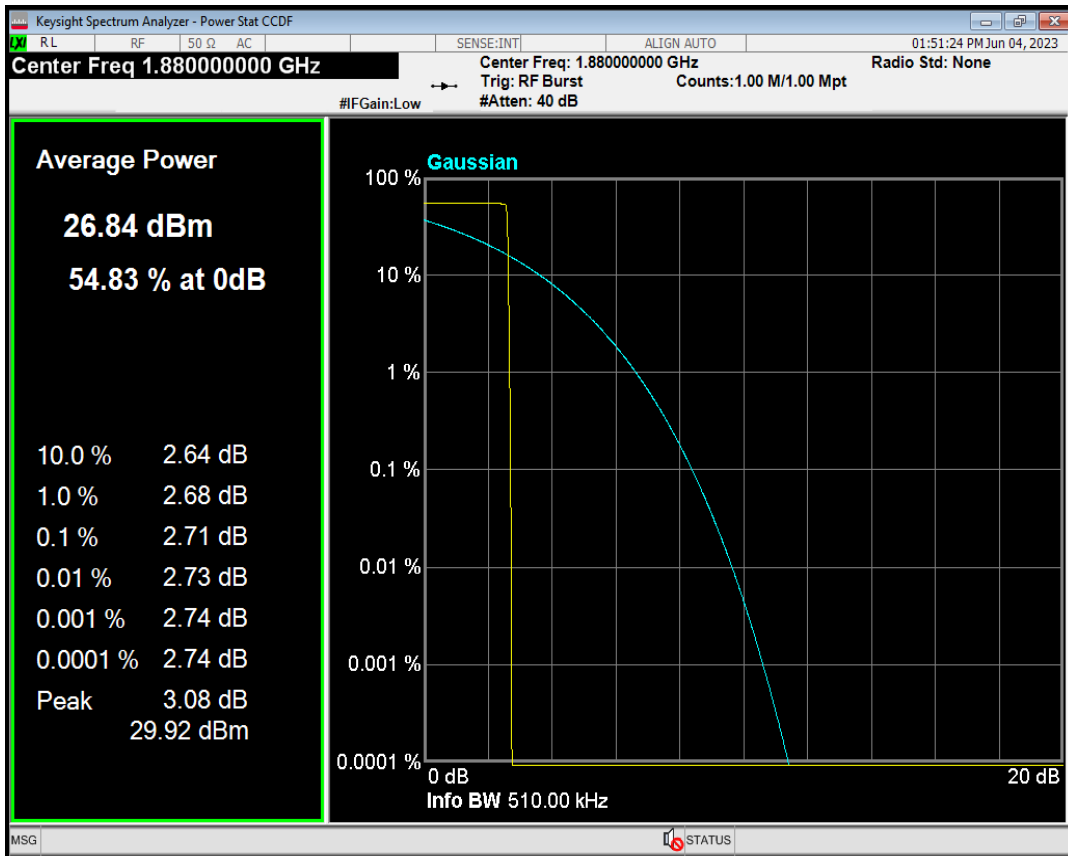
GPRS1900 Channel=512



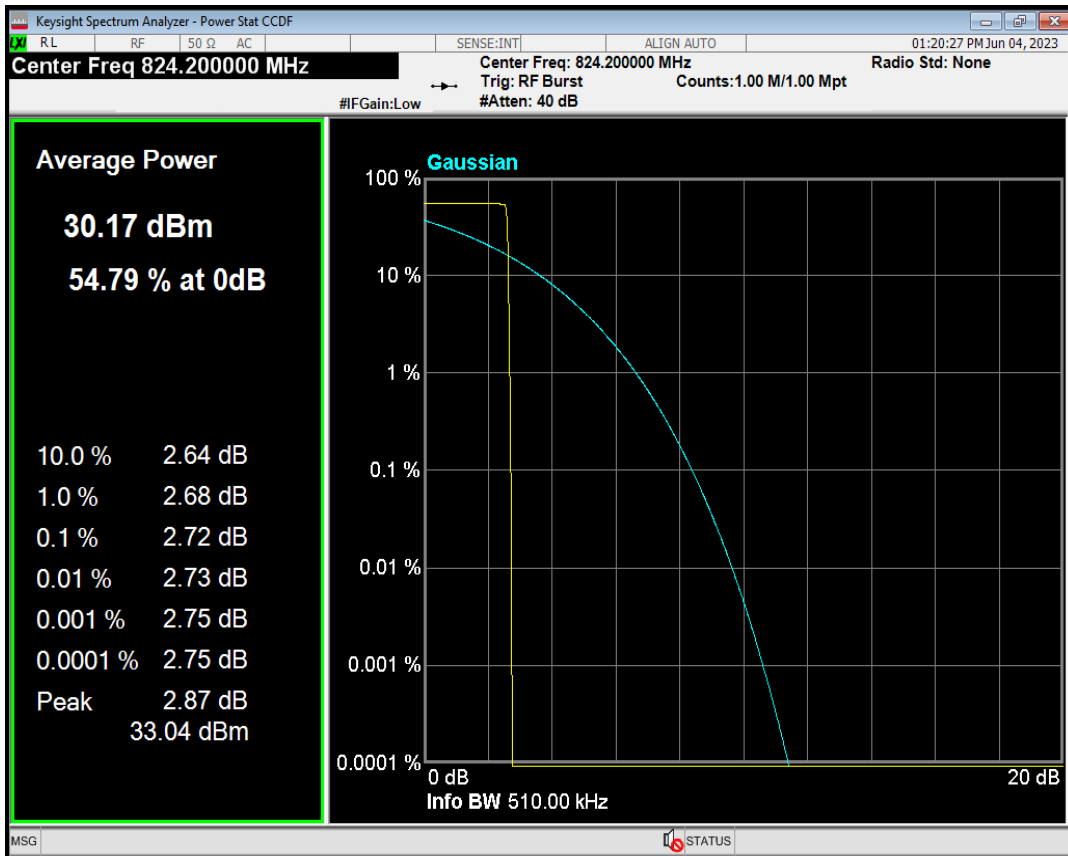
GPRS1900 Channel=810



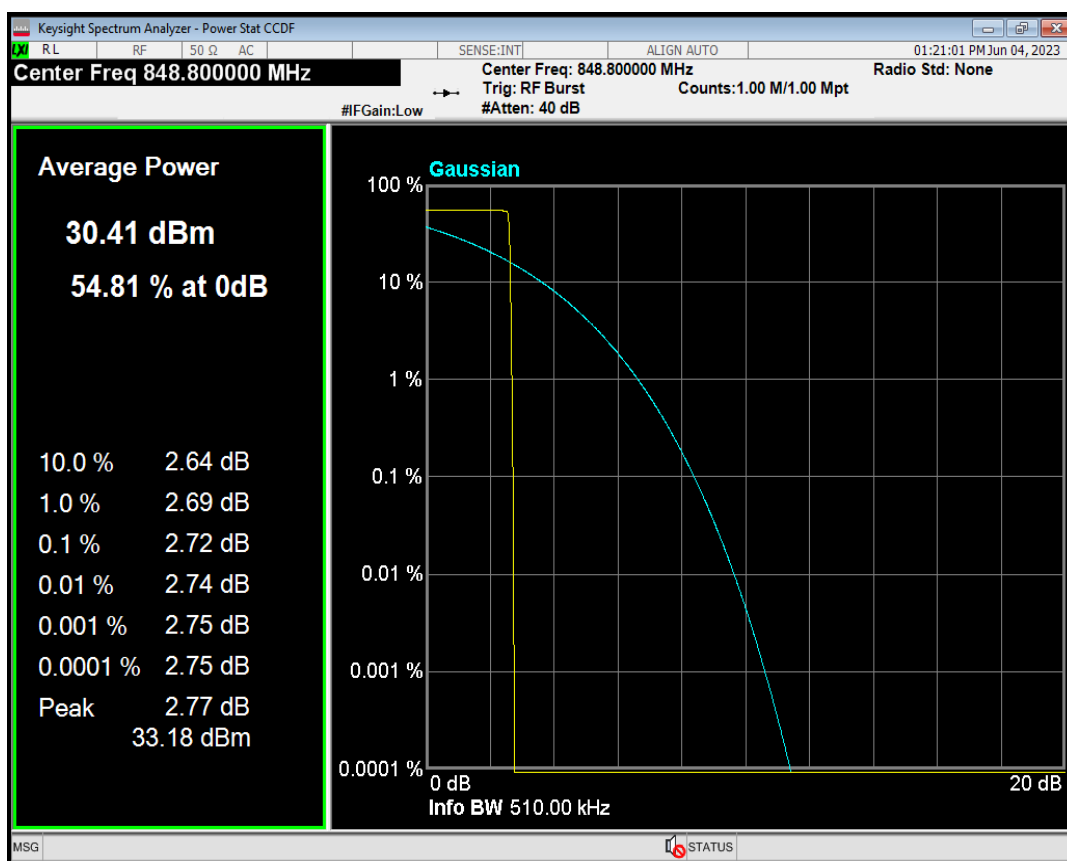
GPRS1900 Channel=661



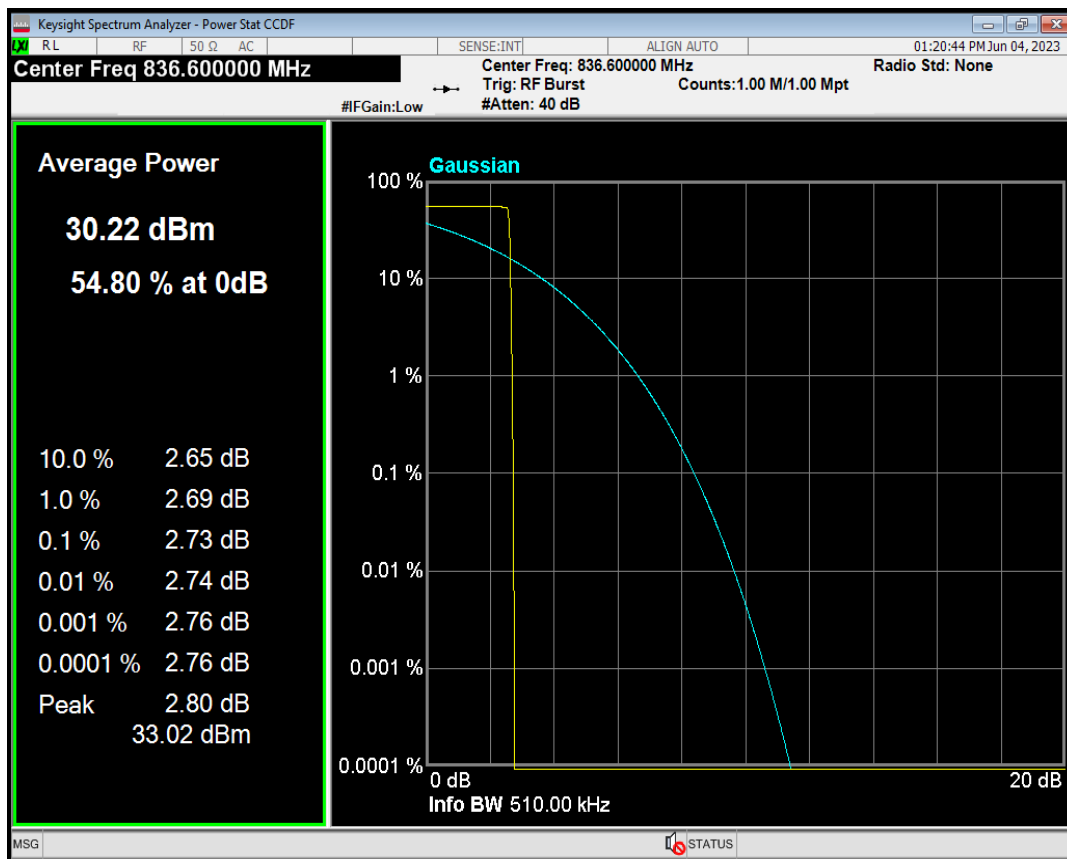
GPRS850 Channel=128



GPRS850 Channel=251



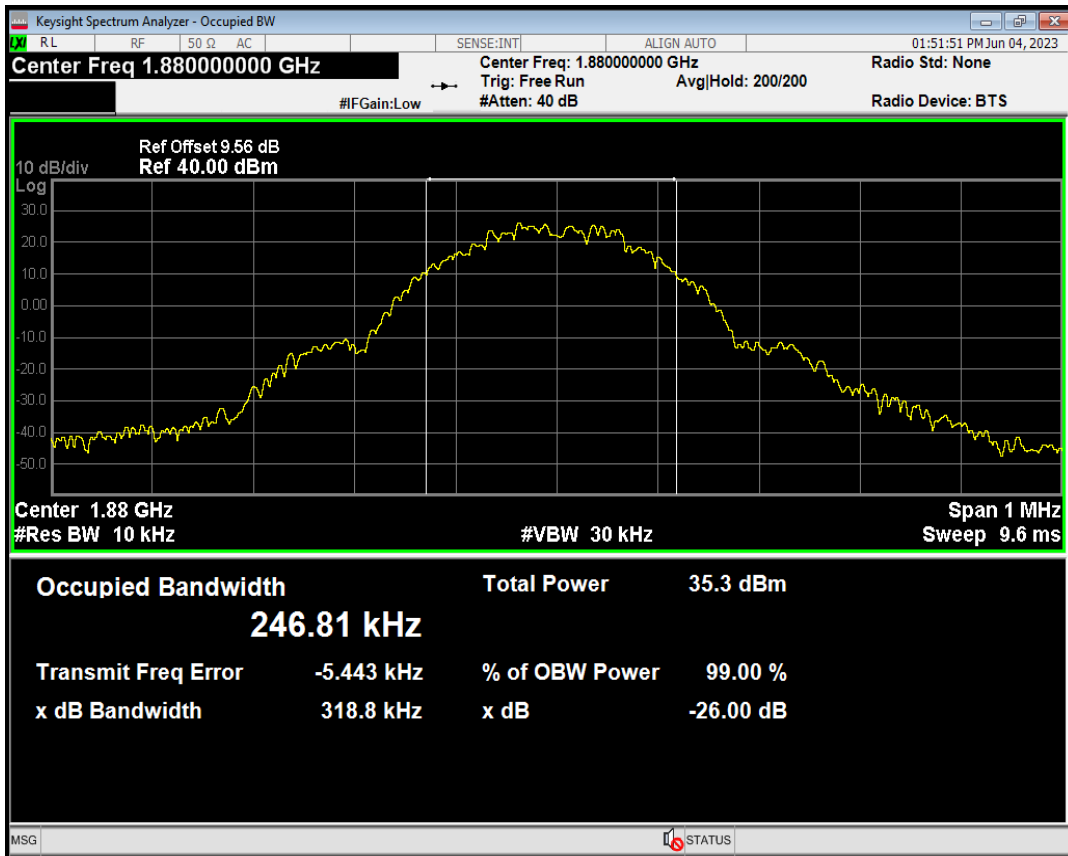
GPRS850 Channel=190



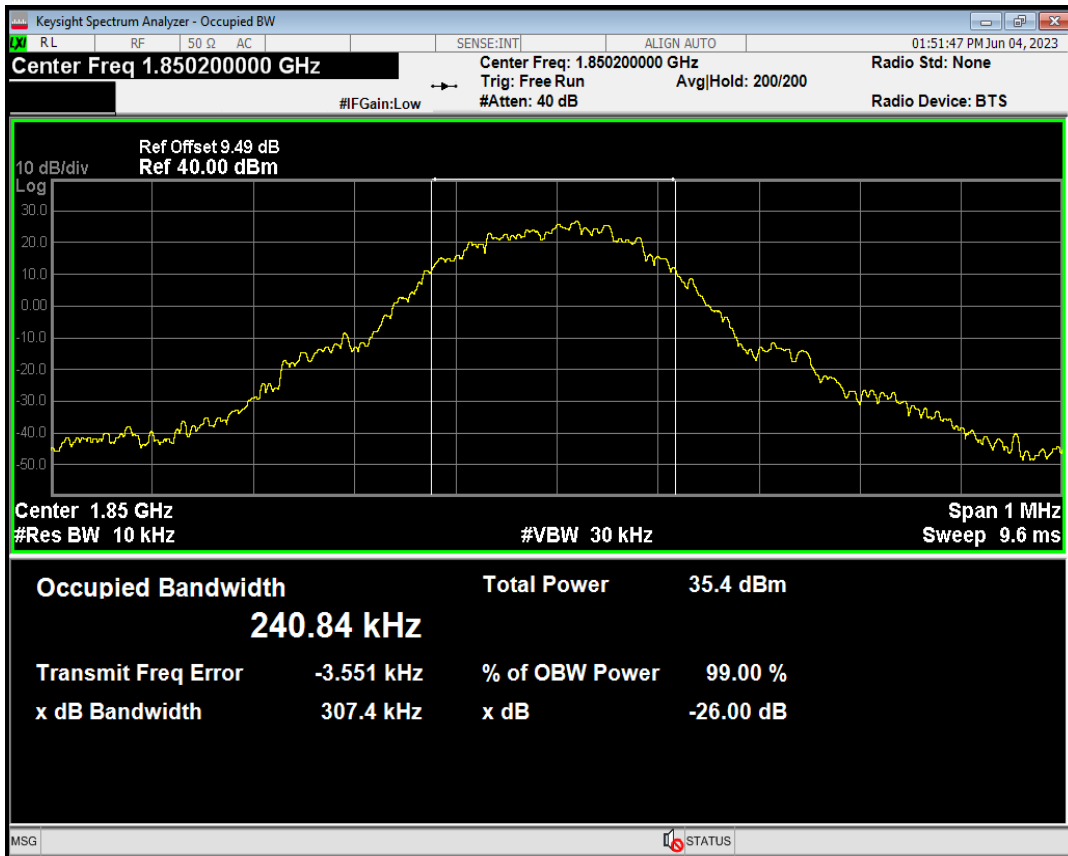
10 Occupied bandwidth

Band	Channel	Frequency (MHz)	99% OBW (kHz)	-26dB EBW (kHz)	Verdict
GPRS1900	512	1850.2	240.843	307.384	PASS
GPRS1900	661	1880	246.810	318.783	PASS
GPRS1900	810	1909.8	245.634	321.802	PASS
GPRS850	128	824.2	247.863	317.034	PASS
GPRS850	190	836.6	248.209	314.822	PASS
GPRS850	251	848.8	247.288	319.629	PASS

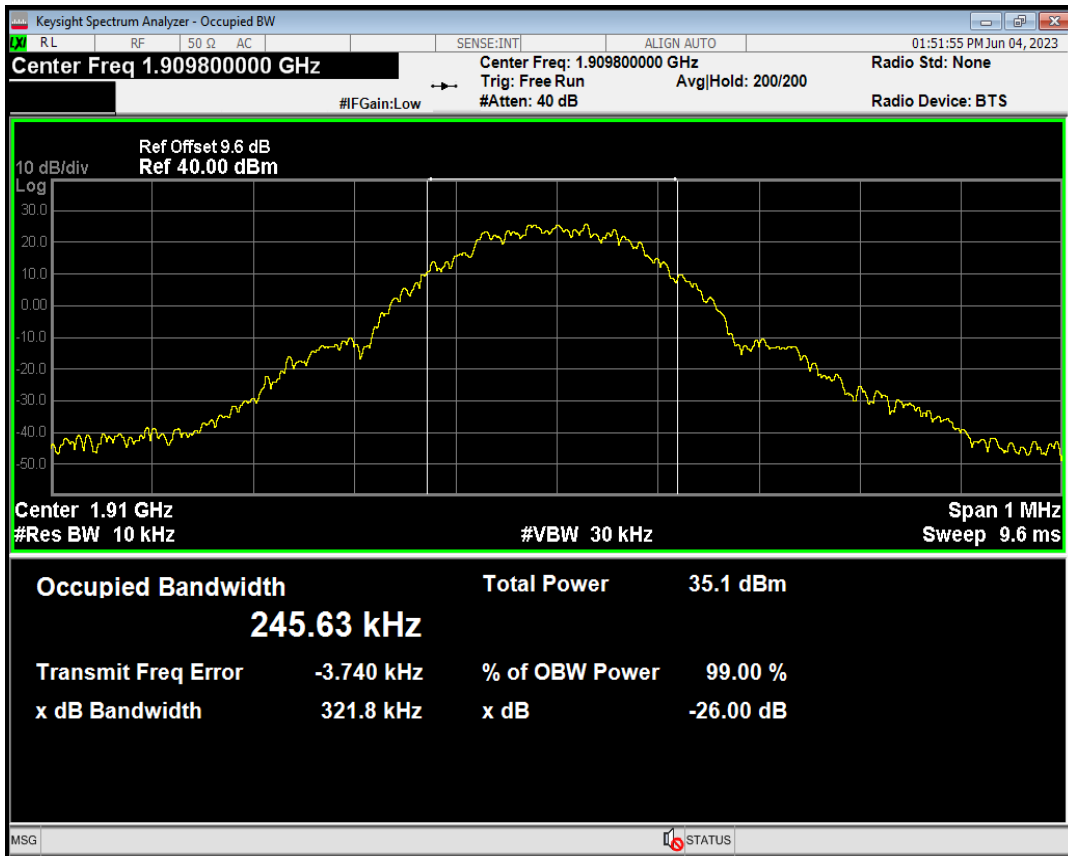
GPRS1900 Channel=661



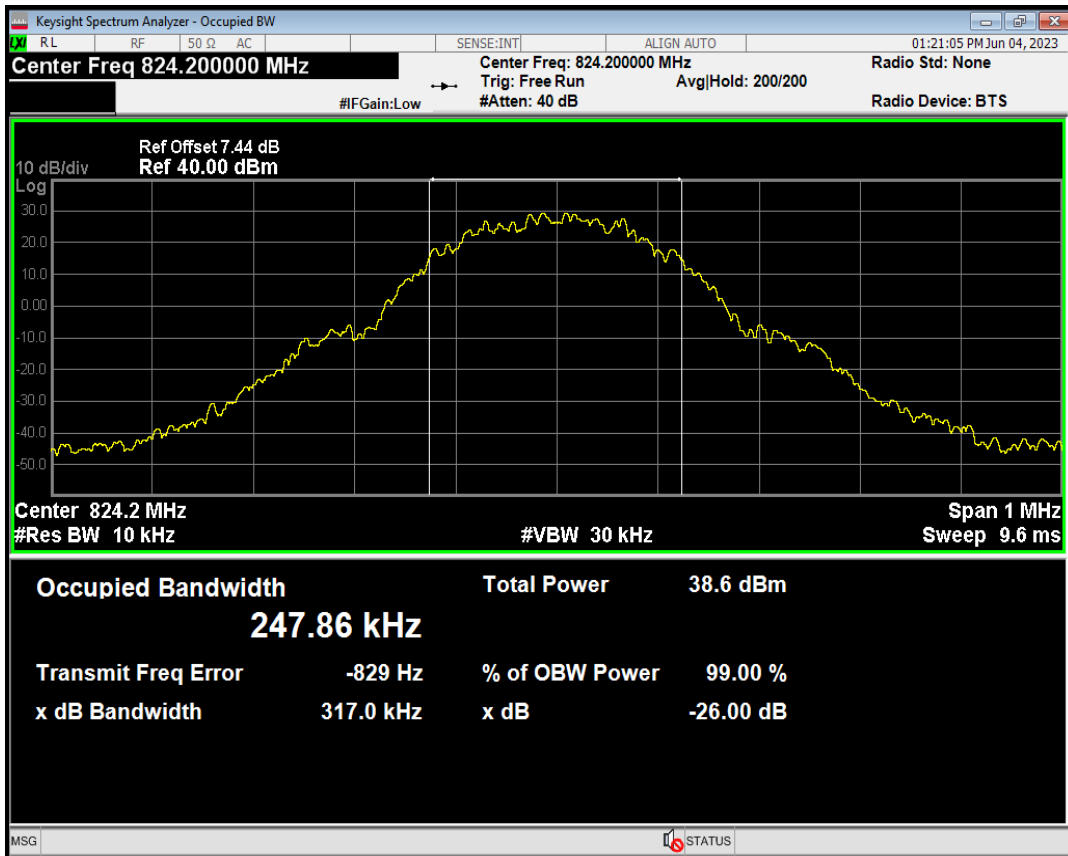
GPRS1900 Channel=512



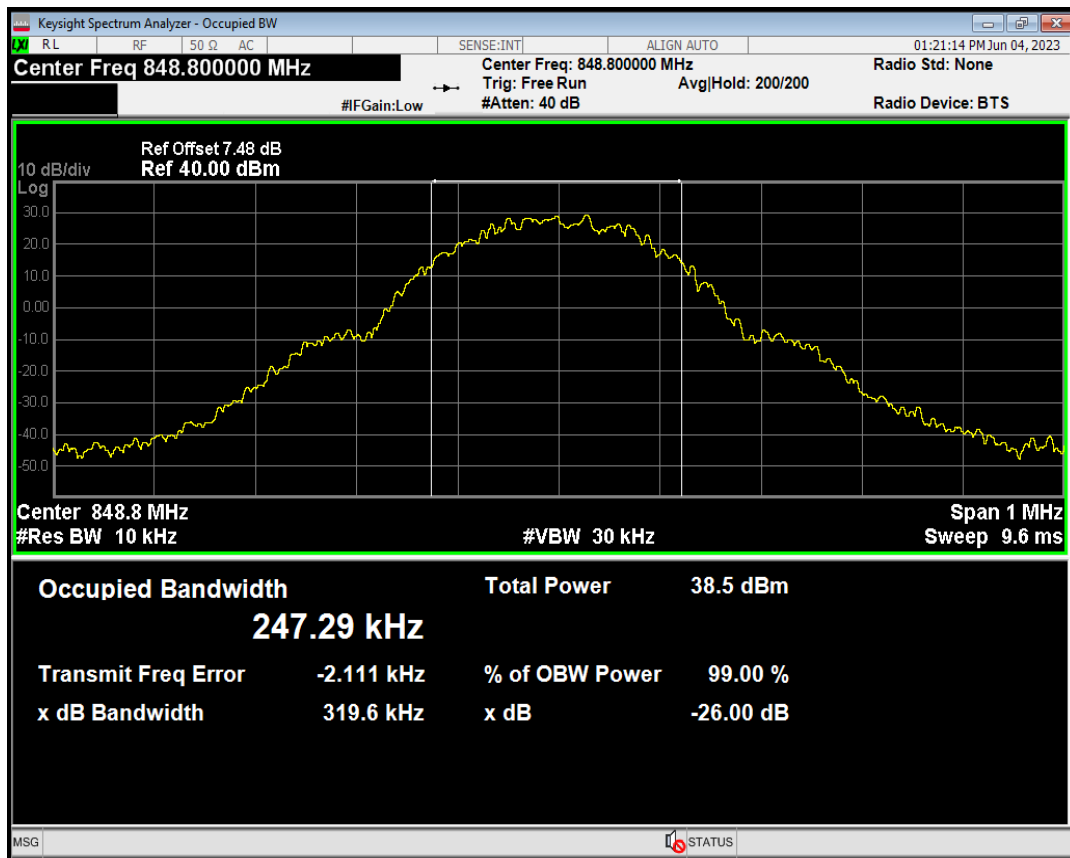
GPRS1900 Channel=810



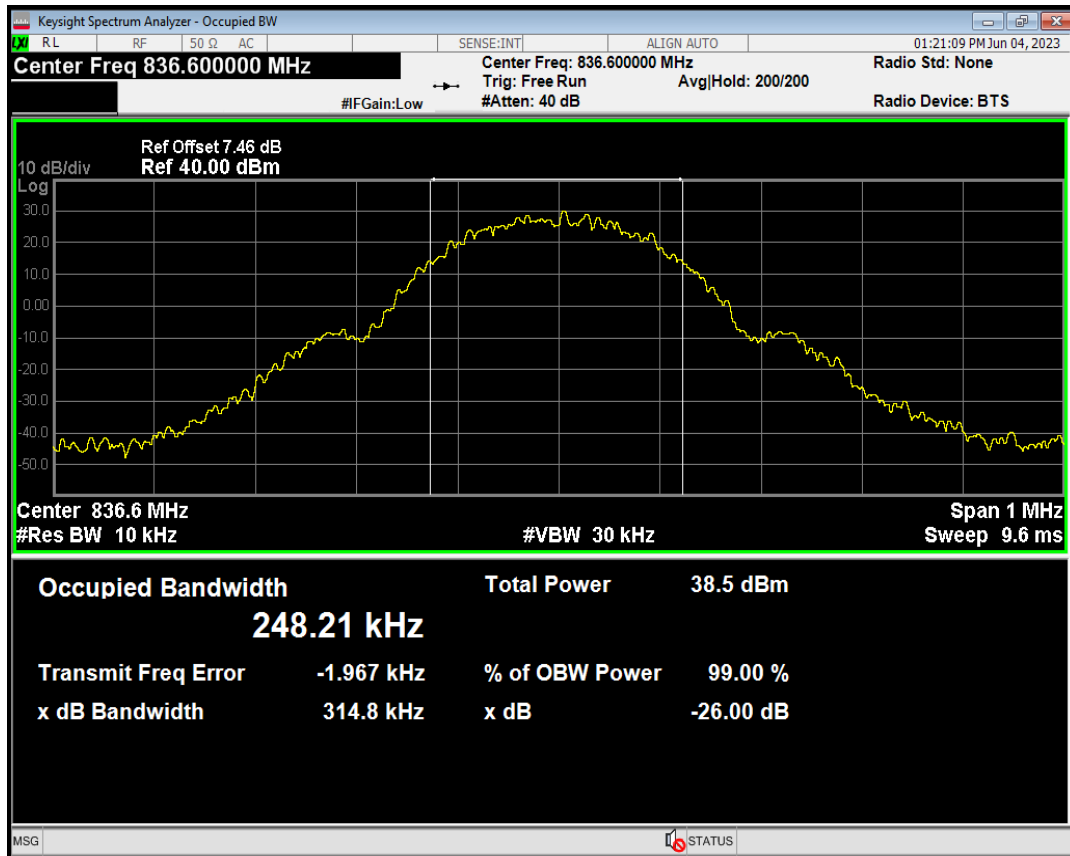
GPRS850 Channel=128



GPRS850 Channel=251



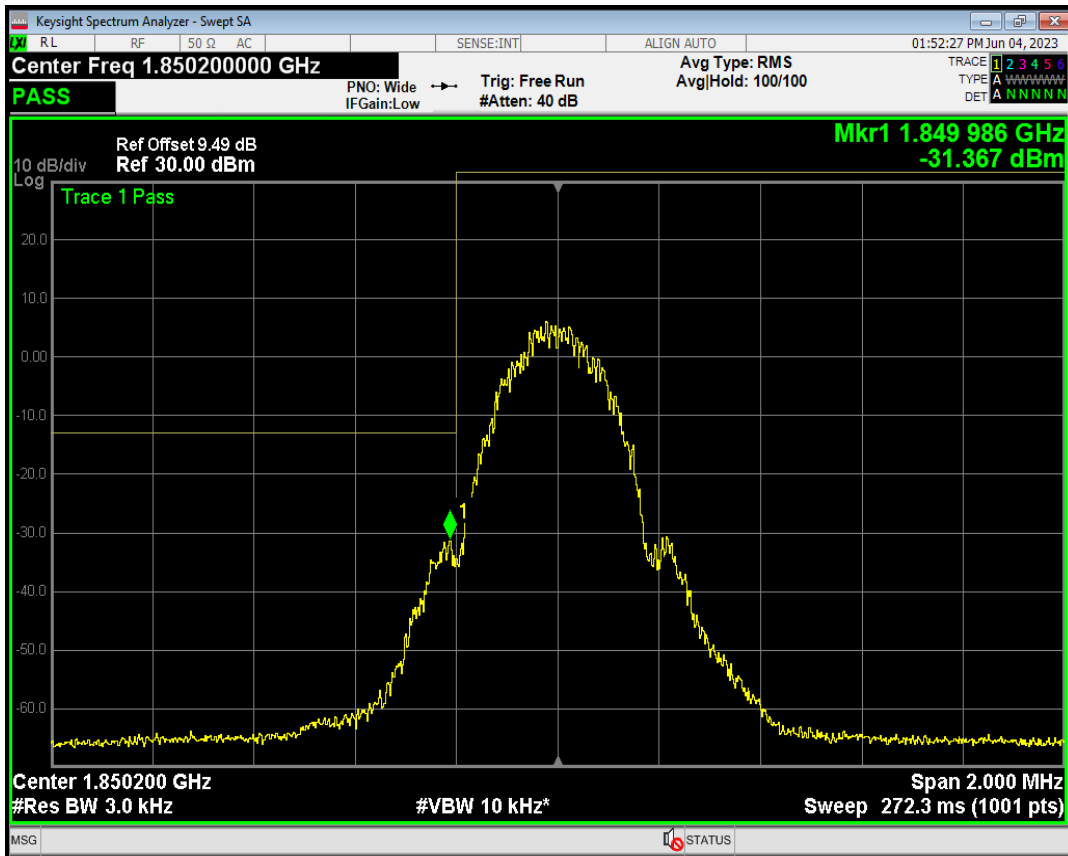
GPRS850 Channel=190



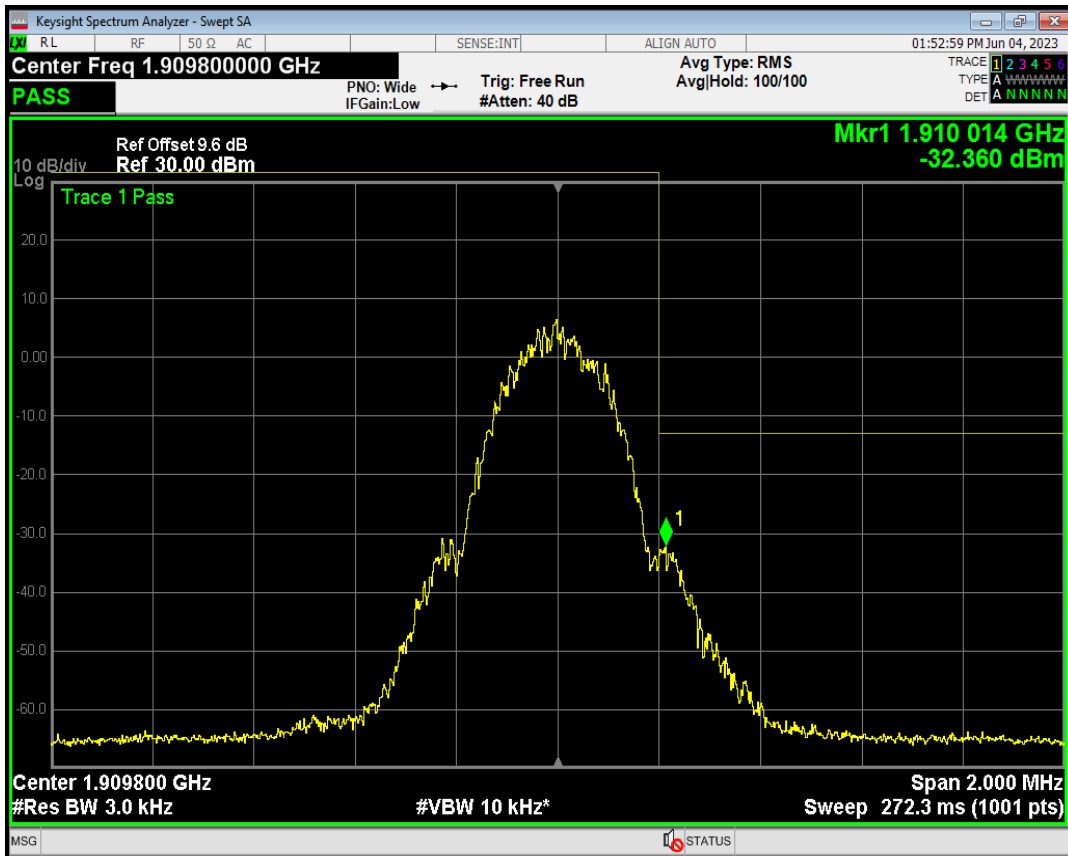
11 Band edge

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
GPRS1900	512	1850.2	1849.99	-31.36	-13	PASS
GPRS1900	810	1909.8	1910.01	-32.35	-13	PASS
GPRS850	128	824.2	823.98	-26.87	-13	PASS
GPRS850	251	848.8	849.01	-25.89	-13	PASS

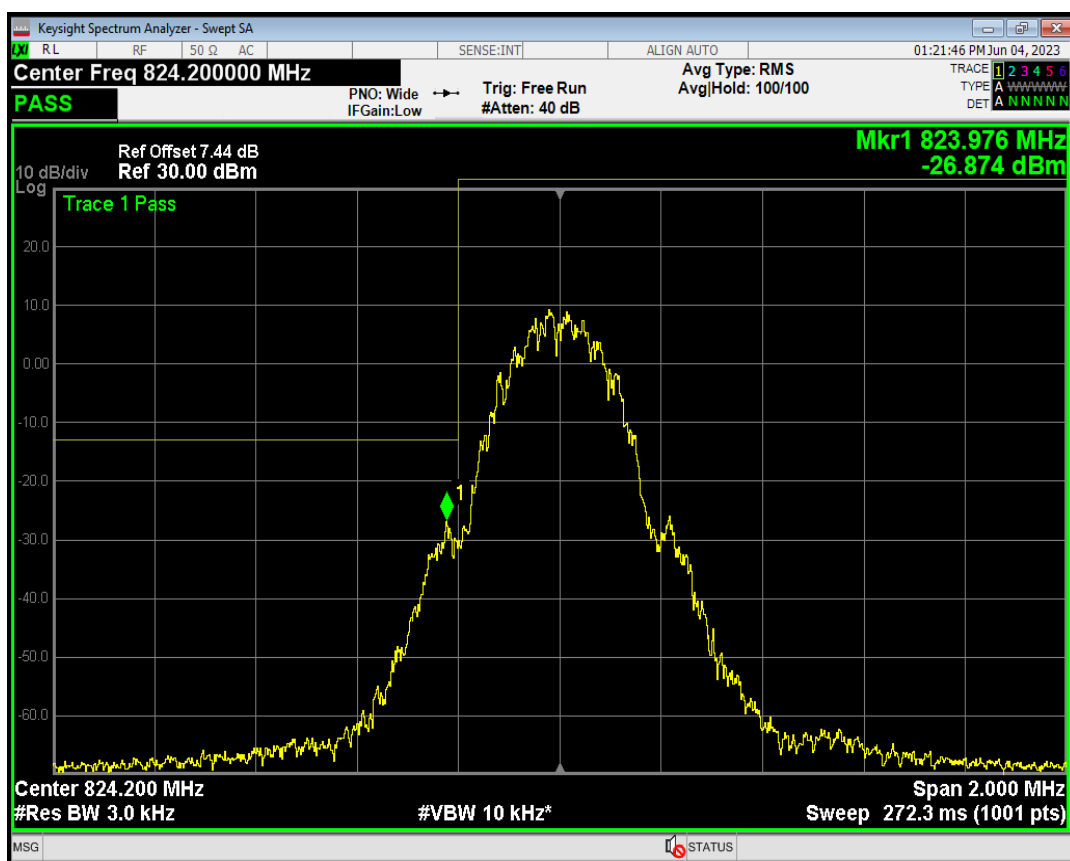
GPRS1900 Channel=512



GPRS1900 Channel=810



GPRS850 Channel=128



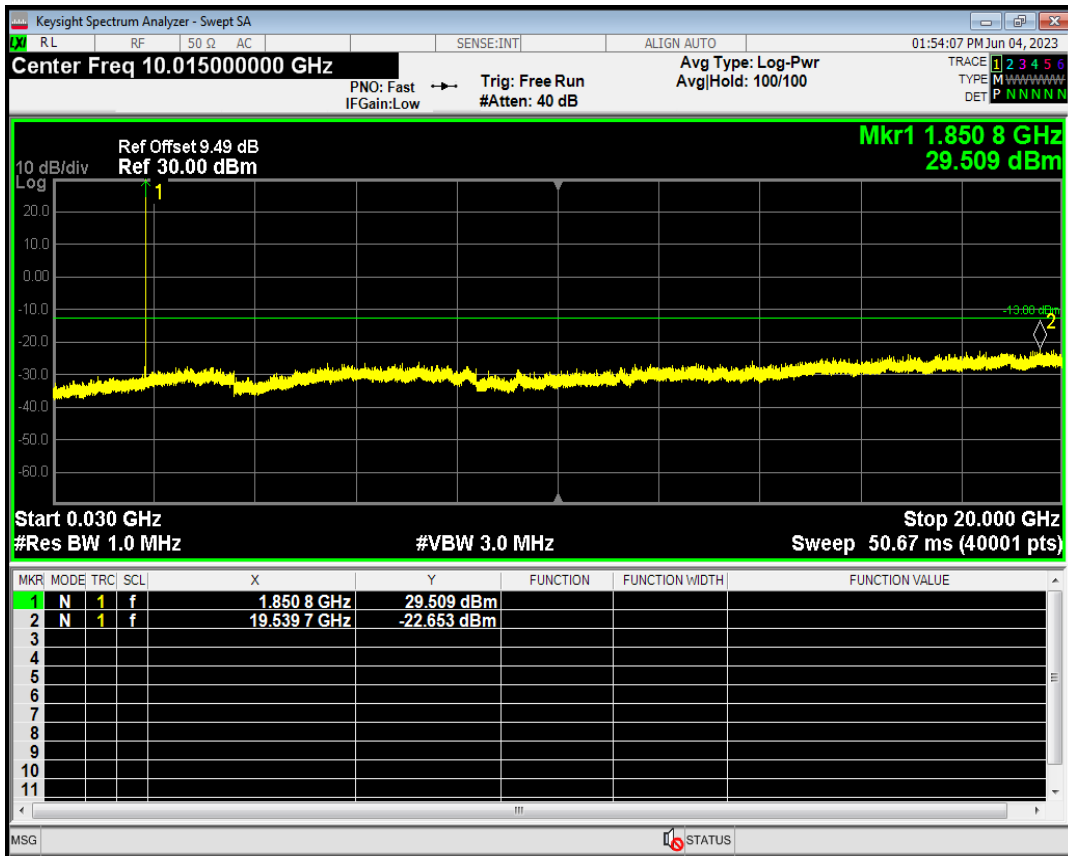
GPRS850 Channel=251



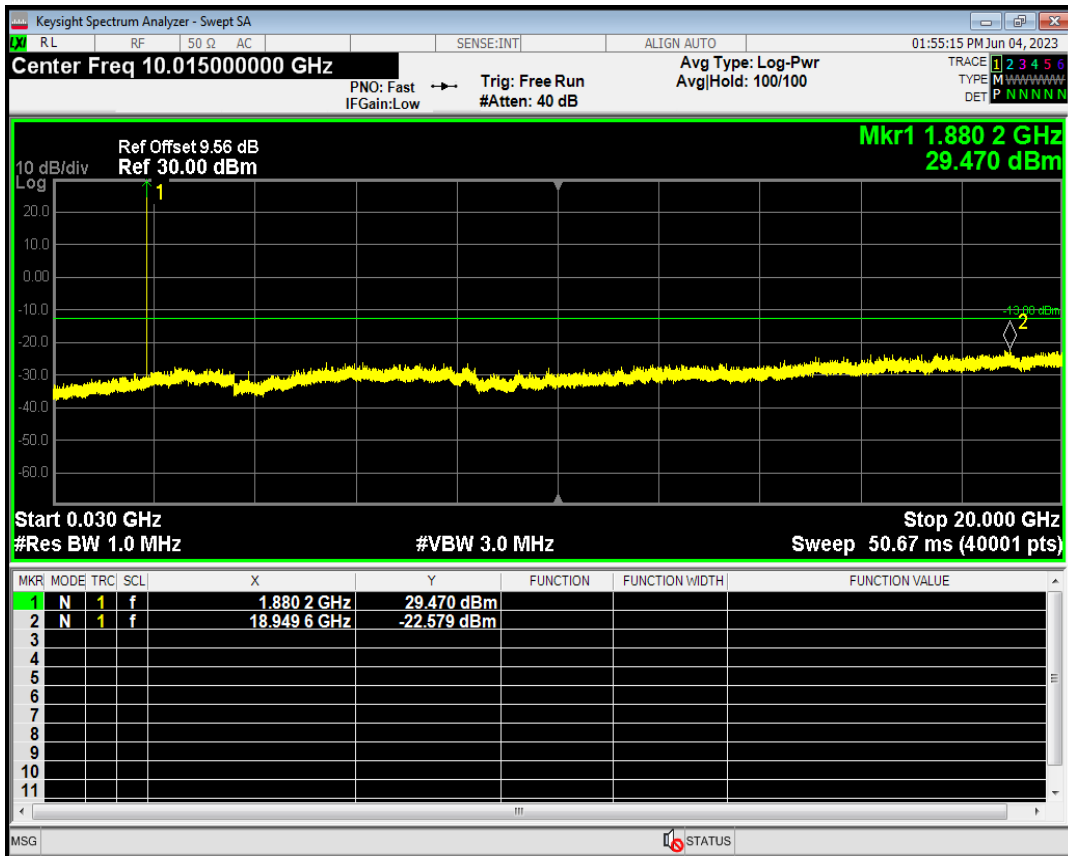
12 Out-of-band emissions

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
GPRS1900	512	1850.2	19539.69	-22.65	-13	PASS
GPRS1900	661	1880	18949.58	-22.57	-13	PASS
GPRS1900	810	1909.8	19480.28	-21.22	-13	PASS
GPRS850	128	824.2	7259.99	-28.69	-13	PASS
GPRS850	190	836.6	6214.89	-28.85	-13	PASS
GPRS850	251	848.8	7238.06	-28.42	-13	PASS

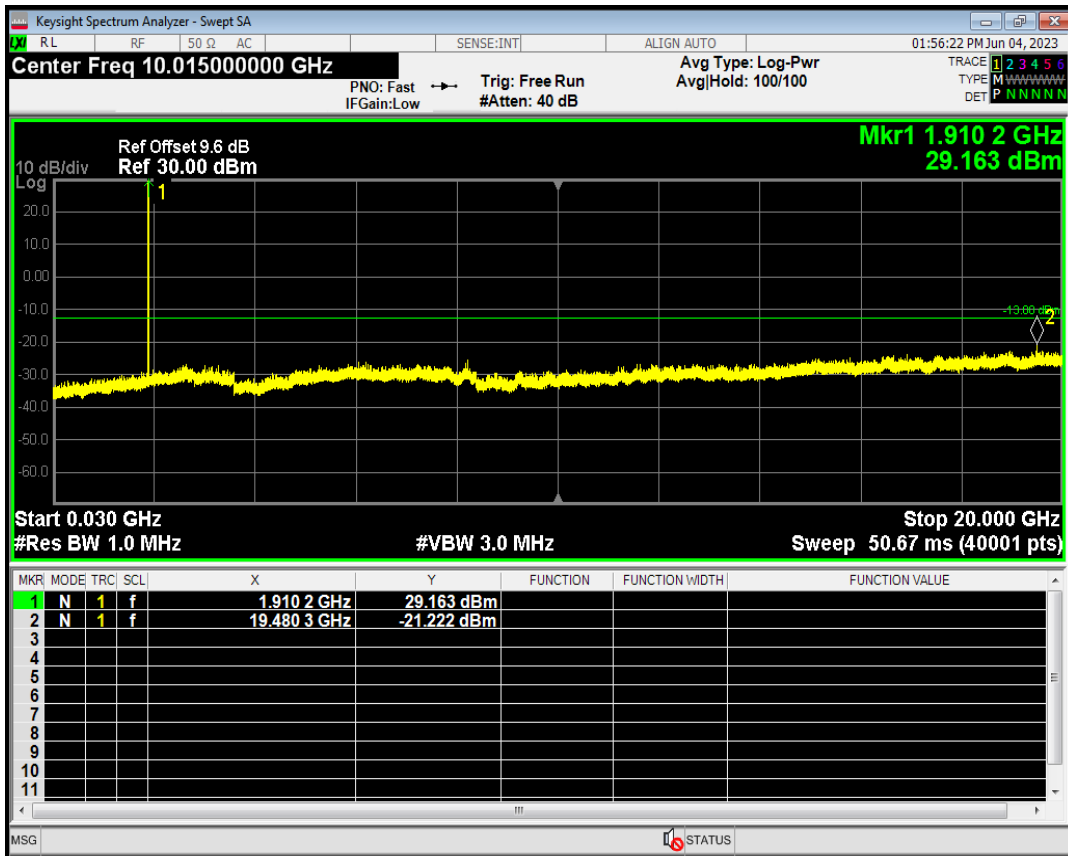
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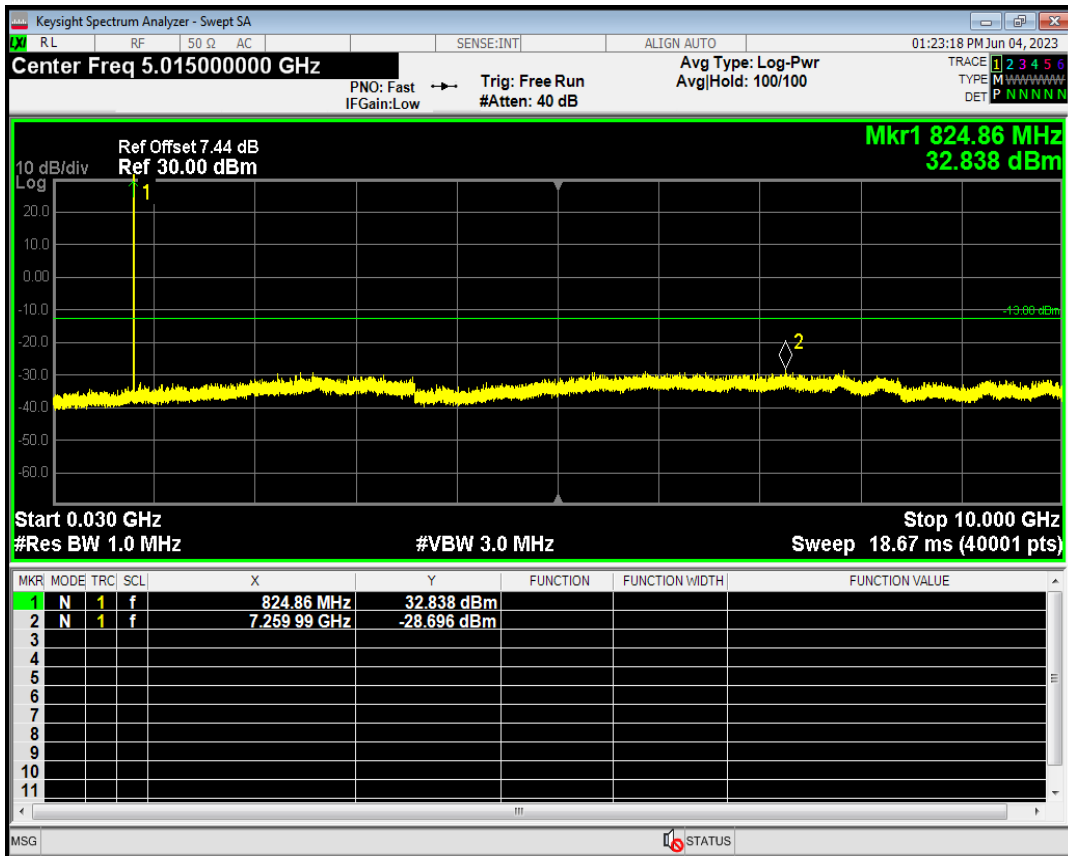
GPRS1900 Channel=661



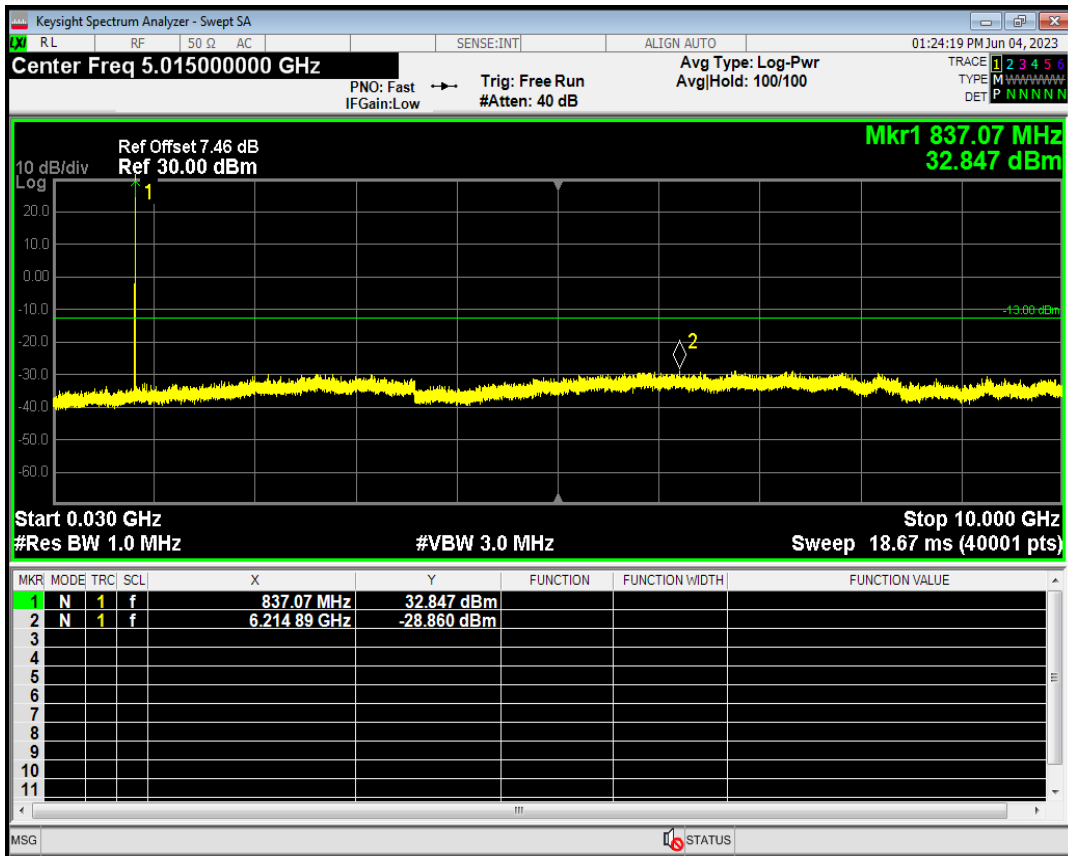
GPRS1900 Channel=810



GPRS850 Channel=128



GPRS850 Channel=190



GPRS850 Channel=251

