

Contents

Appendix 1. Conducted output power 2

Appendix 2. Frequency stability 3

Appendix 3. Peak-to-Average Ratio 5

Appendix 4. Occupied bandwidth 10

Appendix 5. Band edge 15

Appendix 6. Out-of-band emissions 19

Appendix 1. Conducted output power

<i>Condition</i>	<i>Band</i>	<i>Channel</i>	<i>Frequency (MHz)</i>	<i>Power (dBm)</i>	<i>Gain (dBm)</i>	<i>ERP (dBm)</i>	<i>Verdict</i>
NVNT	EGPRS850 1 Slot	128	824.2	26.96	1.01	25.82	PASS
NVNT	EGPRS850 1 Slot	190	836.6	26.86	1.01	25.72	PASS
NVNT	EGPRS850 1 Slot	251	848.8	27.39	1.01	26.25	PASS
NVNT	EGPRS850 2 Slot	128	824.2	25.93	1.01	24.79	PASS
NVNT	EGPRS850 2 Slot	190	836.6	25.60	1.01	24.46	PASS
NVNT	EGPRS850 2 Slot	251	848.8	25.95	1.01	24.81	PASS
NVNT	EGPRS850 3 Slot	128	824.2	23.67	1.01	22.53	PASS
NVNT	EGPRS850 3 Slot	190	836.6	23.59	1.01	22.45	PASS
NVNT	EGPRS850 3 Slot	251	848.8	23.70	1.01	22.56	PASS
NVNT	EGPRS850 4 Slot	128	824.2	22.37	1.01	21.23	PASS
NVNT	EGPRS850 4 Slot	190	836.6	22.53	1.01	21.39	PASS
NVNT	EGPRS850 4 Slot	251	848.8	22.85	1.01	21.71	PASS

<i>Condition</i>	<i>Band</i>	<i>Channel</i>	<i>Frequency (MHz)</i>	<i>Power (dBm)</i>	<i>Gain (dBm)</i>	<i>EIRP (dBm)</i>	<i>Verdict</i>
NVNT	EGPRS1900 1 Slot	512	1850.2	23.72	0.57	24.29	PASS
NVNT	EGPRS1900 1 Slot	661	1880	24.64	0.57	25.21	PASS
NVNT	EGPRS1900 1 Slot	810	1909.8	24.71	0.57	25.28	PASS
NVNT	EGPRS1900 2 Slot	512	1850.2	23.07	0.57	23.64	PASS
NVNT	EGPRS1900 2 Slot	661	1880	23.21	0.57	23.78	PASS
NVNT	EGPRS1900 2 Slot	810	1909.8	23.50	0.57	24.07	PASS
NVNT	EGPRS1900 3 Slot	512	1850.2	20.67	0.57	21.24	PASS
NVNT	EGPRS1900 3 Slot	661	1880	21.17	0.57	21.74	PASS
NVNT	EGPRS1900 3 Slot	810	1909.8	20.91	0.57	21.48	PASS
NVNT	EGPRS1900 4 Slot	512	1850.2	19.48	0.57	20.05	PASS
NVNT	EGPRS1900 4 Slot	661	1880	19.76	0.57	20.33	PASS
NVNT	EGPRS1900 4 Slot	810	1909.8	20.38	0.57	20.95	PASS

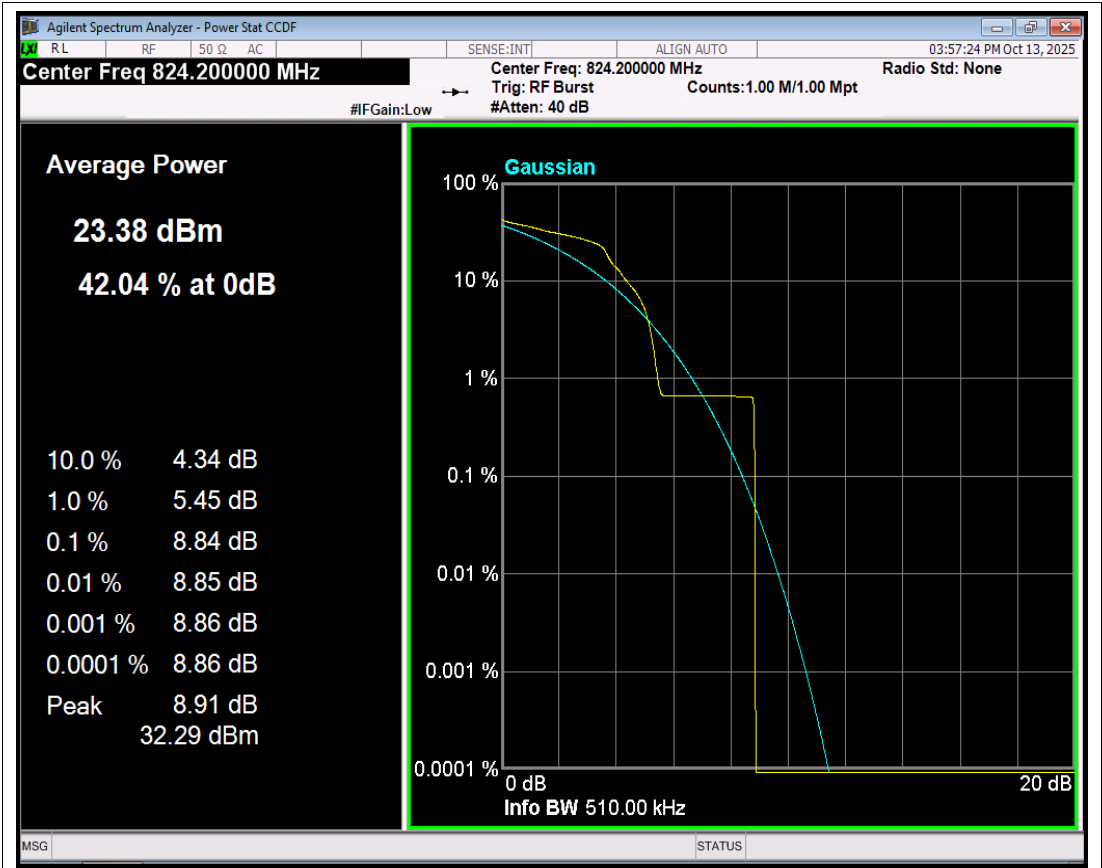
Appendix 2.Frequency stability

Condition	Band	Channel	Frequency (MHz)	Voltage (Vdc)	Temperatue (C)	Result (Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
NVNT	EGPRS850	128	824.2	LV	NT	999.00	1.212	-2.5	2.5	PASS
NVNT	EGPRS850	128	824.2	NV	NT	-2.62	-0.003	-2.5	2.5	PASS
NVNT	EGPRS850	128	824.2	HV	NT	-5.62	-0.007	-2.5	2.5	PASS
NVNT	EGPRS850	190	836.6	LV	NT	-4.75	-0.006	-2.5	2.5	PASS
NVNT	EGPRS850	190	836.6	NV	NT	-4.07	-0.005	-2.5	2.5	PASS
NVNT	EGPRS850	190	836.6	HV	NT	-4.71	-0.006	-2.5	2.5	PASS
NVNT	EGPRS850	251	848.8	LV	NT	-4.29	-0.005	-2.5	2.5	PASS
NVNT	EGPRS850	251	848.8	NV	NT	-8.59	-0.010	-2.5	2.5	PASS
NVNT	EGPRS850	251	848.8	HV	NT	-4.20	-0.005	-2.5	2.5	PASS
NVNT	EGPRS1900	512	1850.2	LV	NT	-9.17	-0.005	-2.5	2.5	PASS
NVNT	EGPRS1900	512	1850.2	NV	NT	-4.46	-0.002	-2.5	2.5	PASS
NVNT	EGPRS1900	512	1850.2	HV	NT	-7.23	-0.004	-2.5	2.5	PASS
NVNT	EGPRS1900	661	1880	LV	NT	-3.87	-0.002	-2.5	2.5	PASS
NVNT	EGPRS1900	661	1880	NV	NT	-0.68	0.000	-2.5	2.5	PASS
NVNT	EGPRS1900	661	1880	HV	NT	-11.53	-0.006	-2.5	2.5	PASS
NVNT	EGPRS1900	810	1909.8	LV	NT	-11.66	-0.006	-2.5	2.5	PASS
NVNT	EGPRS1900	810	1909.8	NV	NT	-4.29	-0.002	-2.5	2.5	PASS
NVNT	EGPRS1900	810	1909.8	HV	NT	-8.98	-0.005	-2.5	2.5	PASS
NVNT	EGPRS850	128	824.2	NV	-30	-5.04	-0.006	-2.5	2.5	PASS
NVNT	EGPRS850	128	824.2	NV	-20	-6.75	-0.008	-2.5	2.5	PASS
NVNT	EGPRS850	128	824.2	NV	0	-5.71	-0.007	-2.5	2.5	PASS
NVNT	EGPRS850	128	824.2	NV	10	-6.30	-0.008	-2.5	2.5	PASS
NVNT	EGPRS850	128	824.2	NV	20	-4.04	-0.005	-2.5	2.5	PASS
NVNT	EGPRS850	128	824.2	NV	30	-4.49	-0.005	-2.5	2.5	PASS
NVNT	EGPRS850	128	824.2	NV	40	-3.16	-0.004	-2.5	2.5	PASS
NVNT	EGPRS850	128	824.2	NV	50	-5.00	-0.006	-2.5	2.5	PASS
NVNT	EGPRS850	190	836.6	NV	-30	-1.81	-0.002	-2.5	2.5	PASS
NVNT	EGPRS850	190	836.6	NV	-20	-3.10	-0.004	-2.5	2.5	PASS
NVNT	EGPRS850	190	836.6	NV	0	-3.75	-0.004	-2.5	2.5	PASS
NVNT	EGPRS850	190	836.6	NV	10	-5.71	-0.007	-2.5	2.5	PASS
NVNT	EGPRS850	190	836.6	NV	20	-6.17	-0.007	-2.5	2.5	PASS
NVNT	EGPRS850	190	836.6	NV	30	-2.42	-0.003	-2.5	2.5	PASS
NVNT	EGPRS850	190	836.6	NV	40	-3.23	-0.004	-2.5	2.5	PASS
NVNT	EGPRS850	190	836.6	NV	50	-3.62	-0.004	-2.5	2.5	PASS
NVNT	EGPRS850	251	848.8	NV	-30	999.00	1.177	-2.5	2.5	PASS
NVNT	EGPRS850	251	848.8	NV	-20	-6.94	-0.008	-2.5	2.5	PASS
NVNT	EGPRS850	251	848.8	NV	0	-8.23	-0.010	-2.5	2.5	PASS
NVNT	EGPRS850	251	848.8	NV	10	-4.13	-0.005	-2.5	2.5	PASS

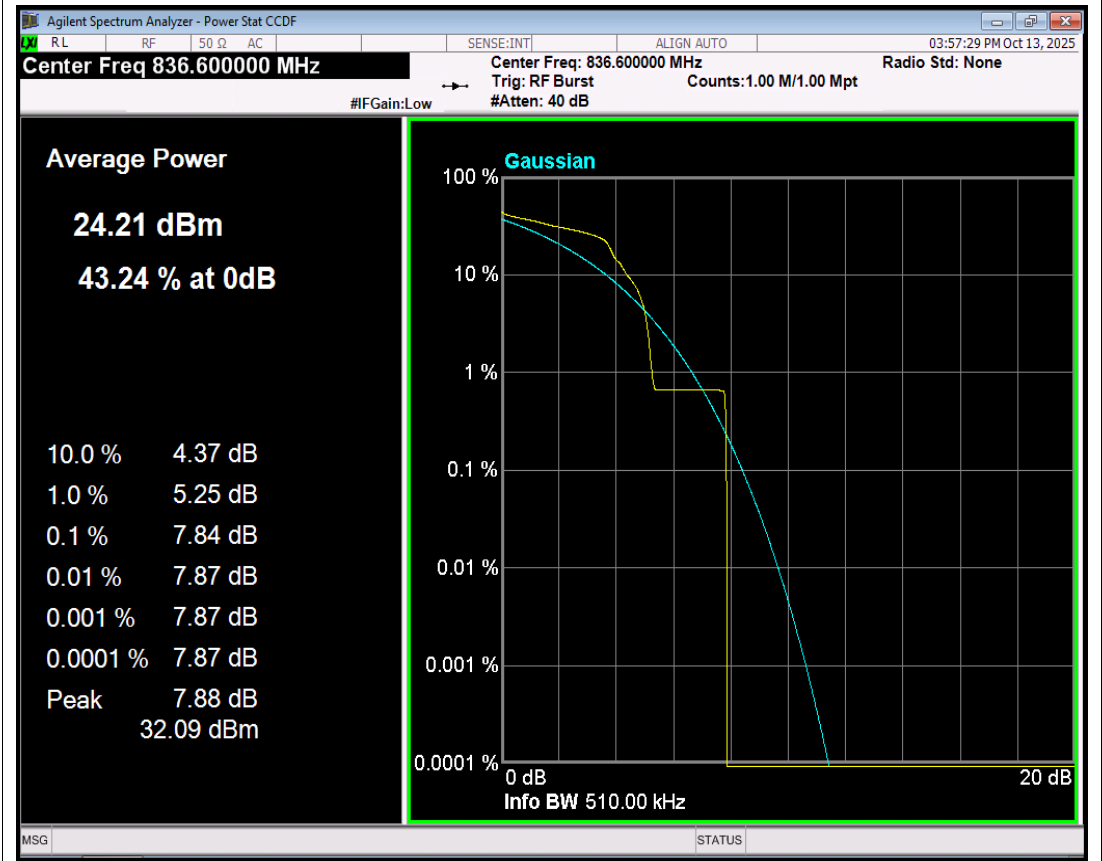
NVNT	EGPRS850	251	848.8	NV	20	-3.39	-0.004	-2.5	2.5	PASS
NVNT	EGPRS850	251	848.8	NV	30	-8.88	-0.010	-2.5	2.5	PASS
NVNT	EGPRS850	251	848.8	NV	40	-6.49	-0.008	-2.5	2.5	PASS
NVNT	EGPRS850	251	848.8	NV	50	-6.72	-0.008	-2.5	2.5	PASS
NVNT	EGPRS1900	512	1850.2	NV	-30	-5.17	-0.003	-2.5	2.5	PASS
NVNT	EGPRS1900	512	1850.2	NV	-20	-6.39	-0.003	-2.5	2.5	PASS
NVNT	EGPRS1900	512	1850.2	NV	0	-9.49	-0.005	-2.5	2.5	PASS
NVNT	EGPRS1900	512	1850.2	NV	10	-11.33	-0.006	-2.5	2.5	PASS
NVNT	EGPRS1900	512	1850.2	NV	20	-1.00	-0.001	-2.5	2.5	PASS
NVNT	EGPRS1900	512	1850.2	NV	30	-6.17	-0.003	-2.5	2.5	PASS
NVNT	EGPRS1900	512	1850.2	NV	40	-5.07	-0.003	-2.5	2.5	PASS
NVNT	EGPRS1900	512	1850.2	NV	50	999.00	0.540	-2.5	2.5	PASS
NVNT	EGPRS1900	661	1880	NV	-30	-8.59	-0.005	-2.5	2.5	PASS
NVNT	EGPRS1900	661	1880	NV	-20	-14.33	-0.008	-2.5	2.5	PASS
NVNT	EGPRS1900	661	1880	NV	0	-5.13	-0.003	-2.5	2.5	PASS
NVNT	EGPRS1900	661	1880	NV	10	-9.59	-0.005	-2.5	2.5	PASS
NVNT	EGPRS1900	661	1880	NV	20	-12.59	-0.007	-2.5	2.5	PASS
NVNT	EGPRS1900	661	1880	NV	30	-6.72	-0.004	-2.5	2.5	PASS
NVNT	EGPRS1900	661	1880	NV	40	-8.07	-0.004	-2.5	2.5	PASS
NVNT	EGPRS1900	661	1880	NV	50	-3.87	-0.002	-2.5	2.5	PASS
NVNT	EGPRS1900	810	1909.8	NV	-30	-10.14	-0.005	-2.5	2.5	PASS
NVNT	EGPRS1900	810	1909.8	NV	-20	-12.20	-0.006	-2.5	2.5	PASS
NVNT	EGPRS1900	810	1909.8	NV	0	-15.56	-0.008	-2.5	2.5	PASS
NVNT	EGPRS1900	810	1909.8	NV	10	-10.11	-0.005	-2.5	2.5	PASS
NVNT	EGPRS1900	810	1909.8	NV	20	-11.33	-0.006	-2.5	2.5	PASS
NVNT	EGPRS1900	810	1909.8	NV	30	-7.23	-0.004	-2.5	2.5	PASS
NVNT	EGPRS1900	810	1909.8	NV	40	-7.75	-0.004	-2.5	2.5	PASS
NVNT	EGPRS1900	810	1909.8	NV	50	-11.24	-0.006	-2.5	2.5	PASS

Appendix 3. Peak-to-Average Ratio

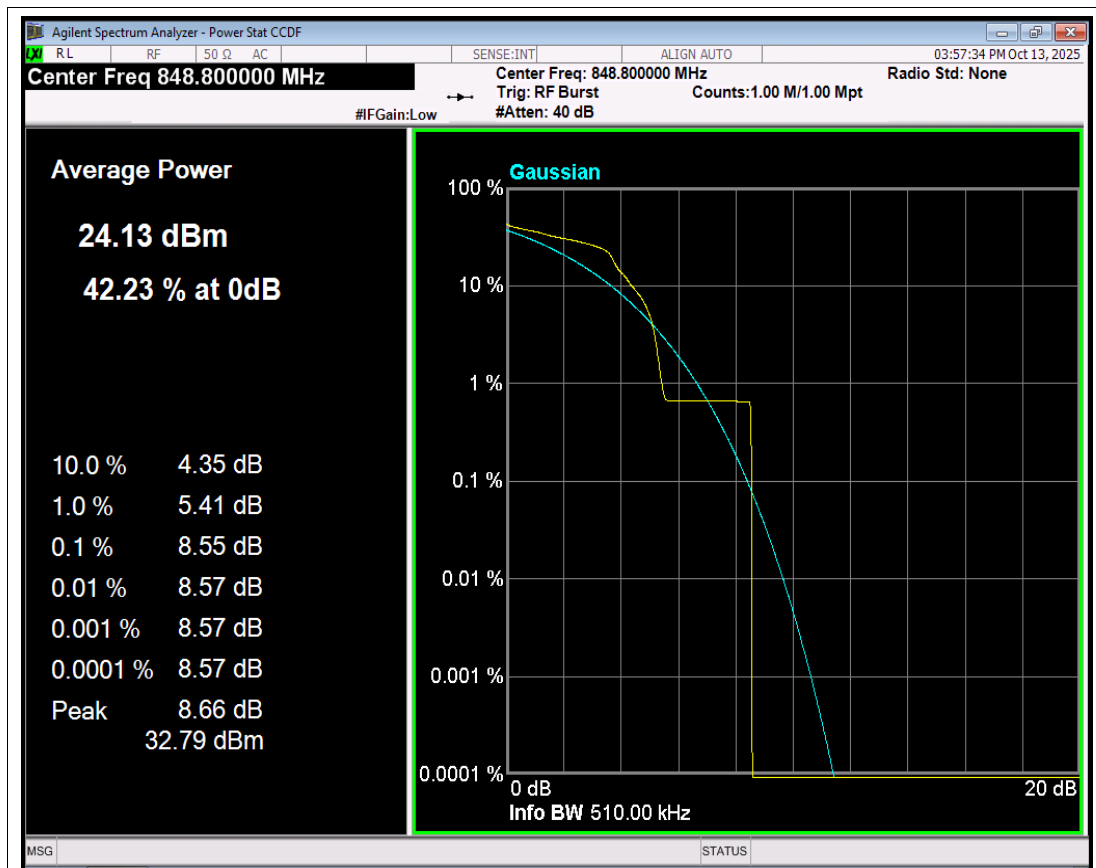
<i>Condition</i>	<i>Band</i>	<i>Channel</i>	<i>Frequency (MHz)</i>	<i>Result (dB)</i>	<i>high Limit (dB)</i>	<i>Verdict</i>
NVNT	EGPRS850	128	824.2	8.835721584	13.00	PASS
NVNT	EGPRS850	190	836.6	7.842087719	13.00	PASS
NVNT	EGPRS850	251	848.8	8.548225641	13.00	PASS
NVNT	EGPRS1900	512	1850.2	7.678500487	13.00	PASS
NVNT	EGPRS1900	661	1880	6.936317805	13.00	PASS
NVNT	EGPRS1900	810	1909.8	6.942208835	13.00	PASS



EGPRS850 Channel=128 NVNT



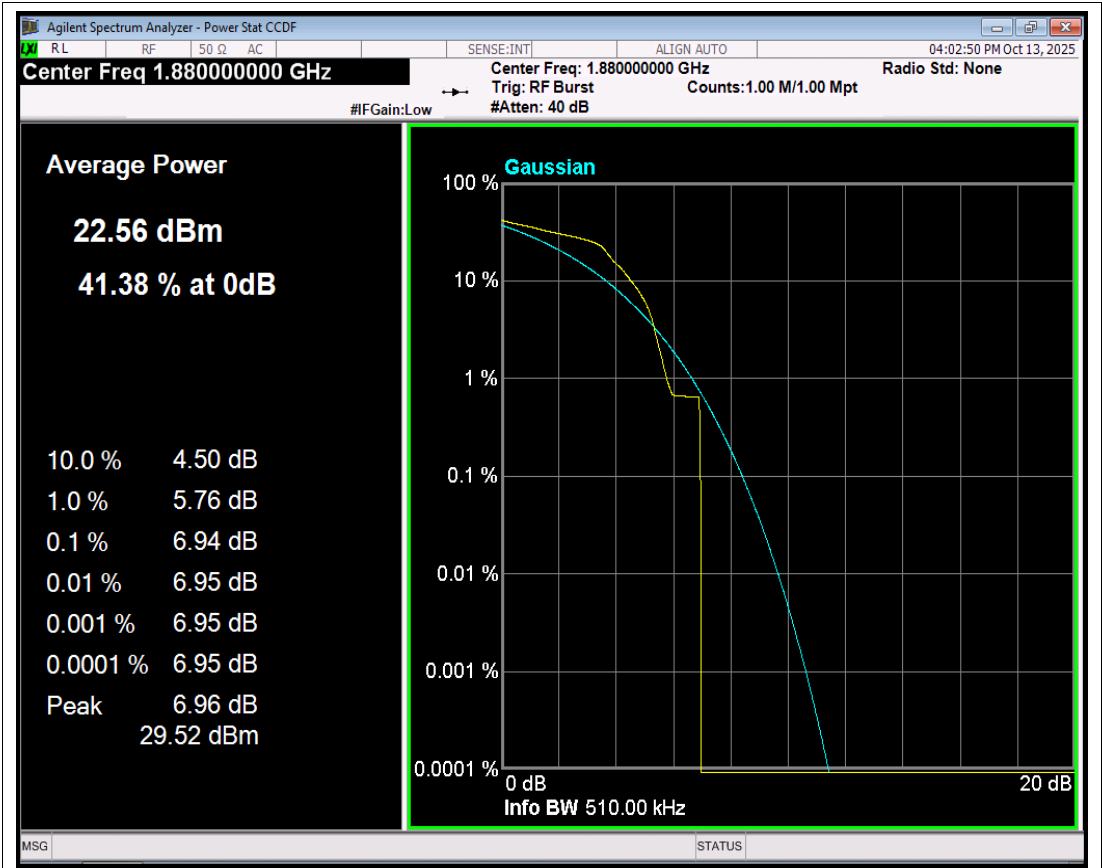
EGPRS850 Channel=190 NVNT



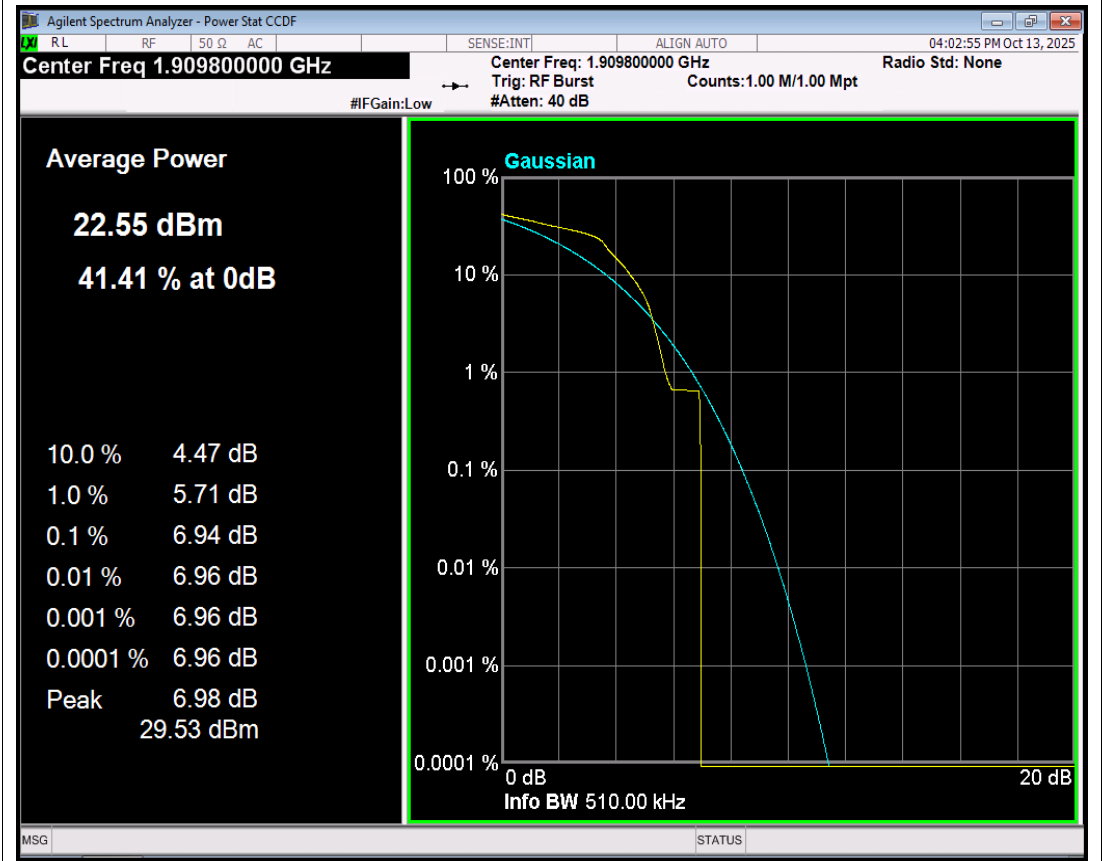
EGPRS850 Channel=251 NVNT



EGPRS1900 Channel=512 NVNT



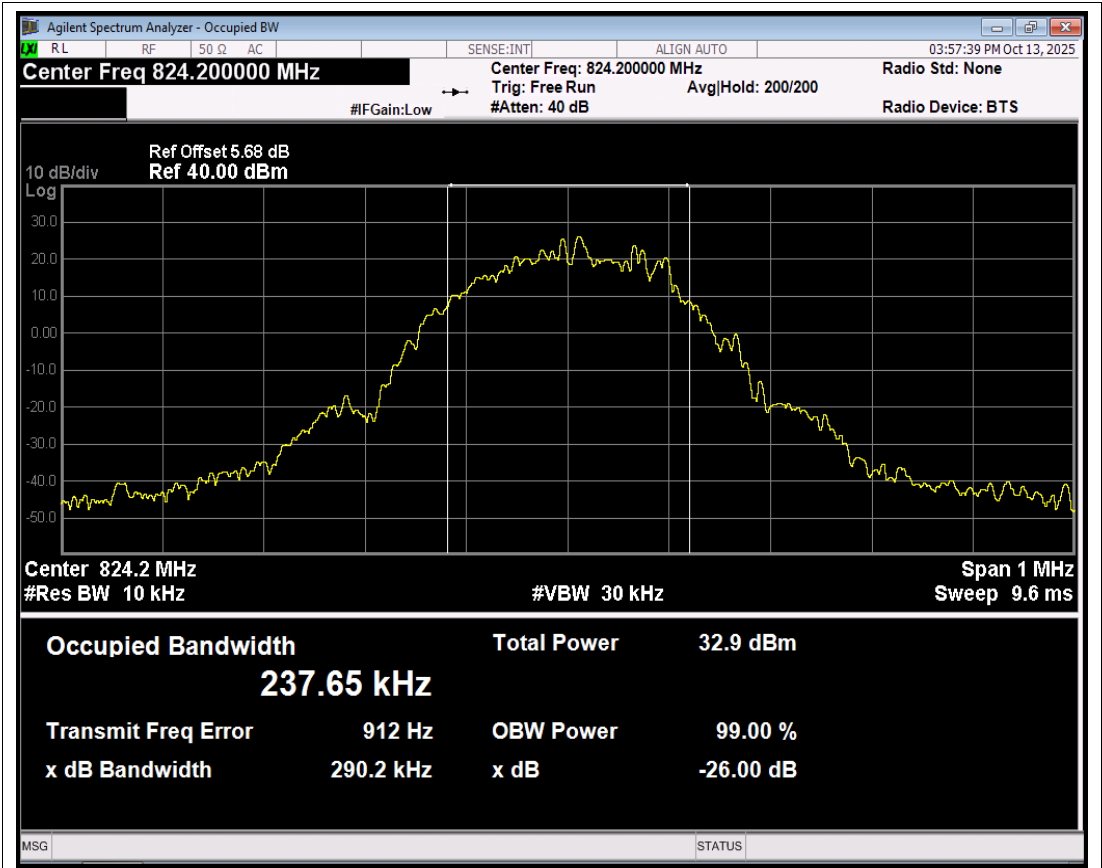
EGPRS1900 Channel=661 NVNT



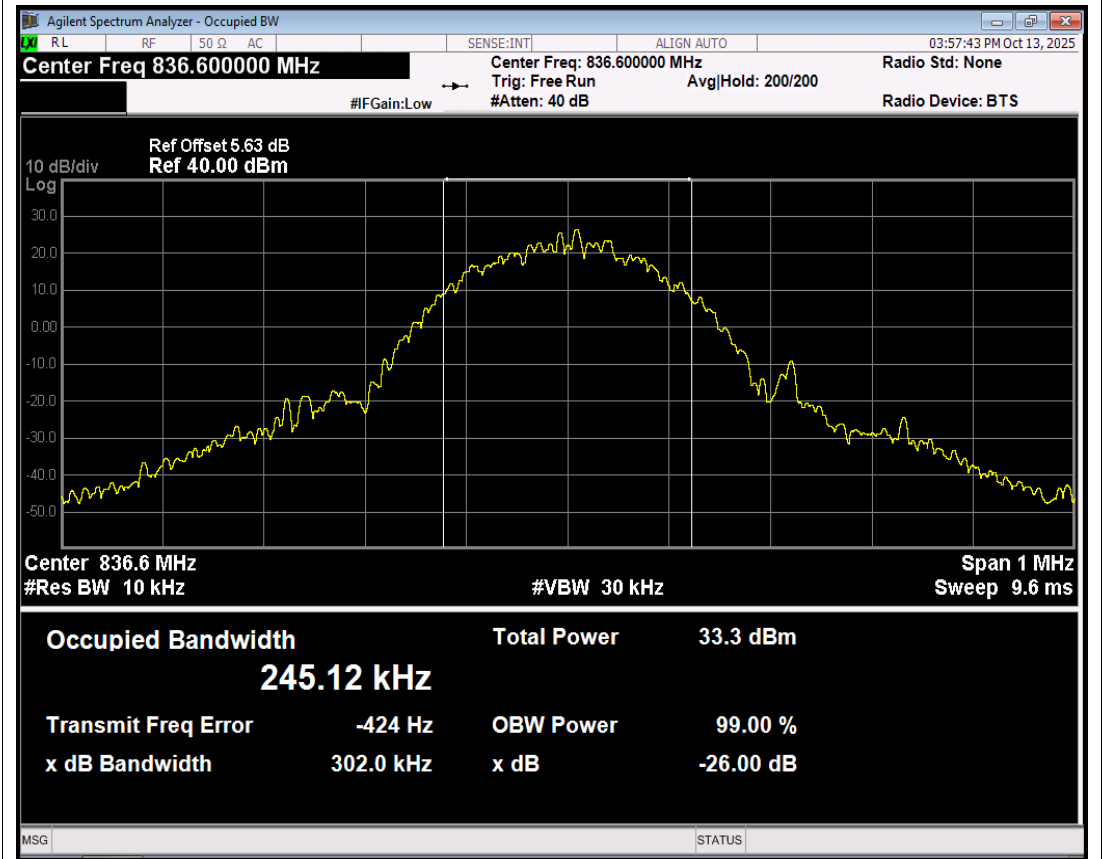
EGPRS1900 Channel=810 NVNT

Appendix 4.Occupied bandwidth

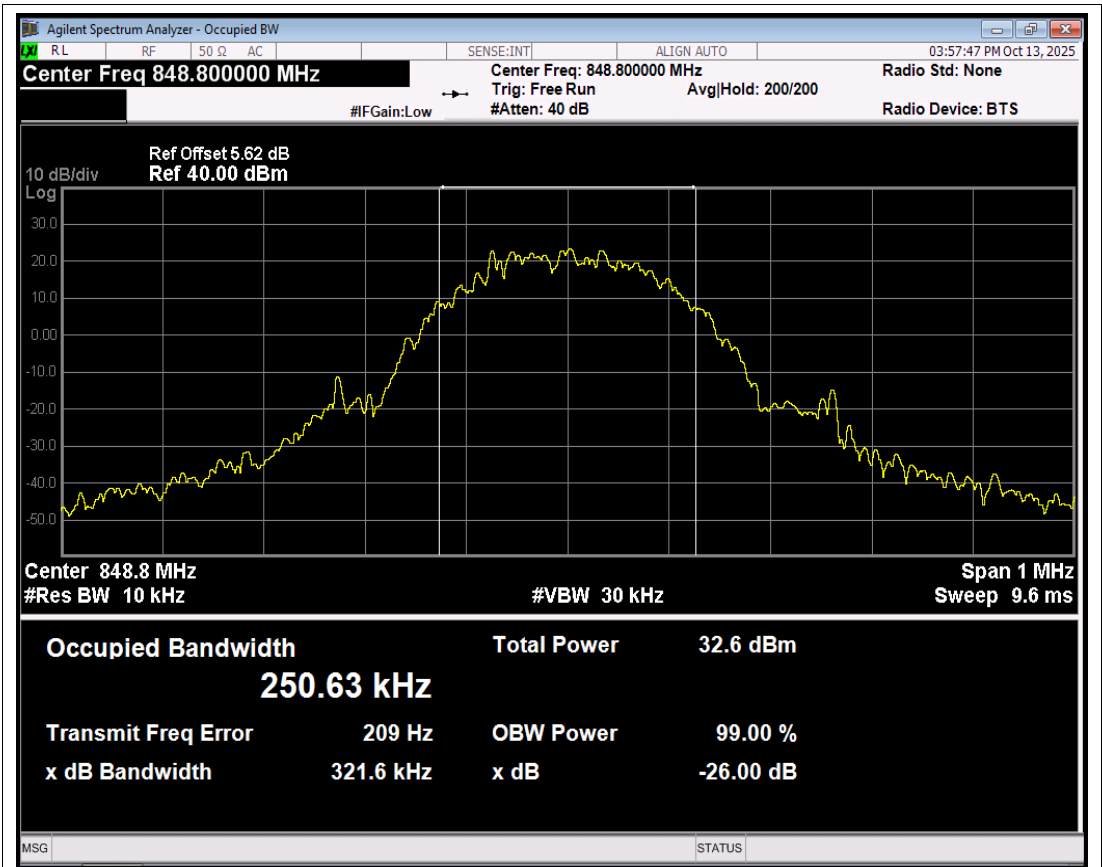
<i>Condition</i>	<i>Band</i>	<i>Channel</i>	<i>Frequency (MHz)</i>	<i>99% OBW (kHz)</i>	<i>-26dB EBW (kHz)</i>	<i>Verdict</i>
NVNT	EGPRS850	128	824.2	237.648	290.175	PASS
NVNT	EGPRS850	190	836.6	245.124	302.024	PASS
NVNT	EGPRS850	251	848.8	250.628	321.591	PASS
NVNT	EGPRS1900	512	1850.2	246.329	305.895	PASS
NVNT	EGPRS1900	661	1880	251.455	321.780	PASS
NVNT	EGPRS1900	810	1909.8	247.389	309.784	PASS



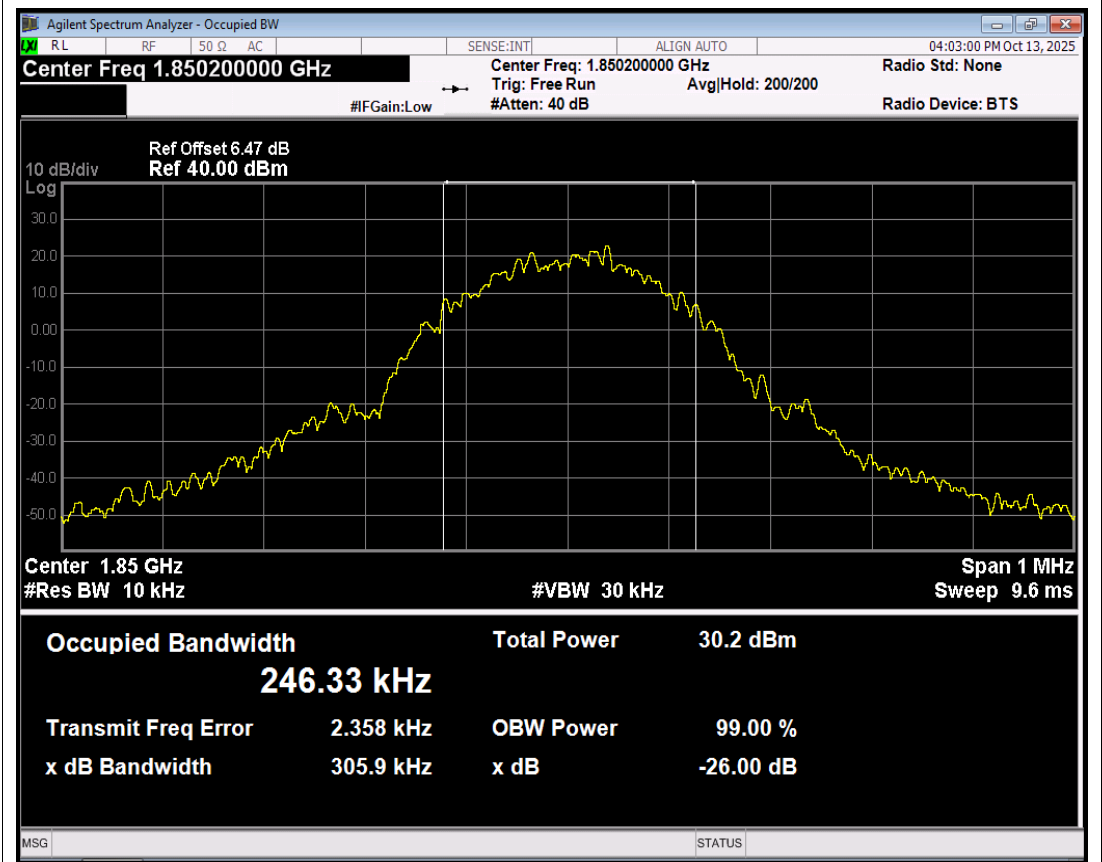
EGPRS850 Channel=128 NVNT



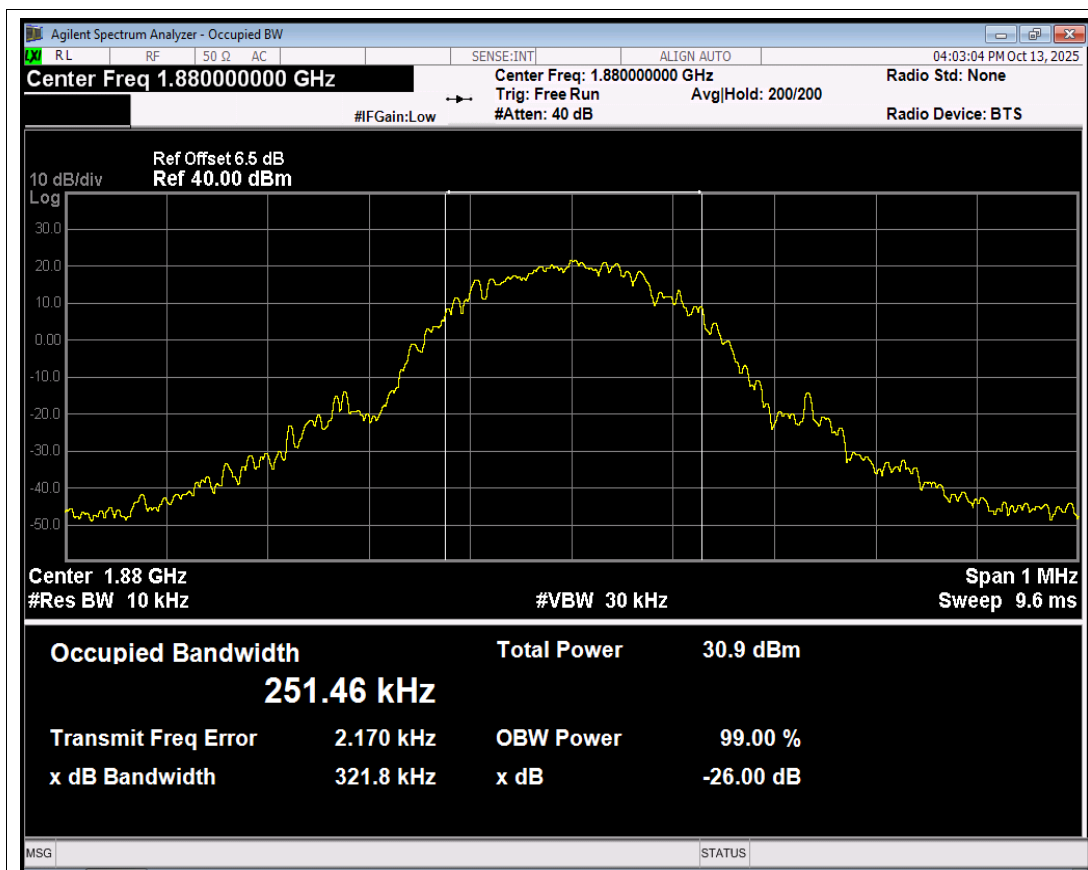
EGPRS850 Channel=190 NVNT



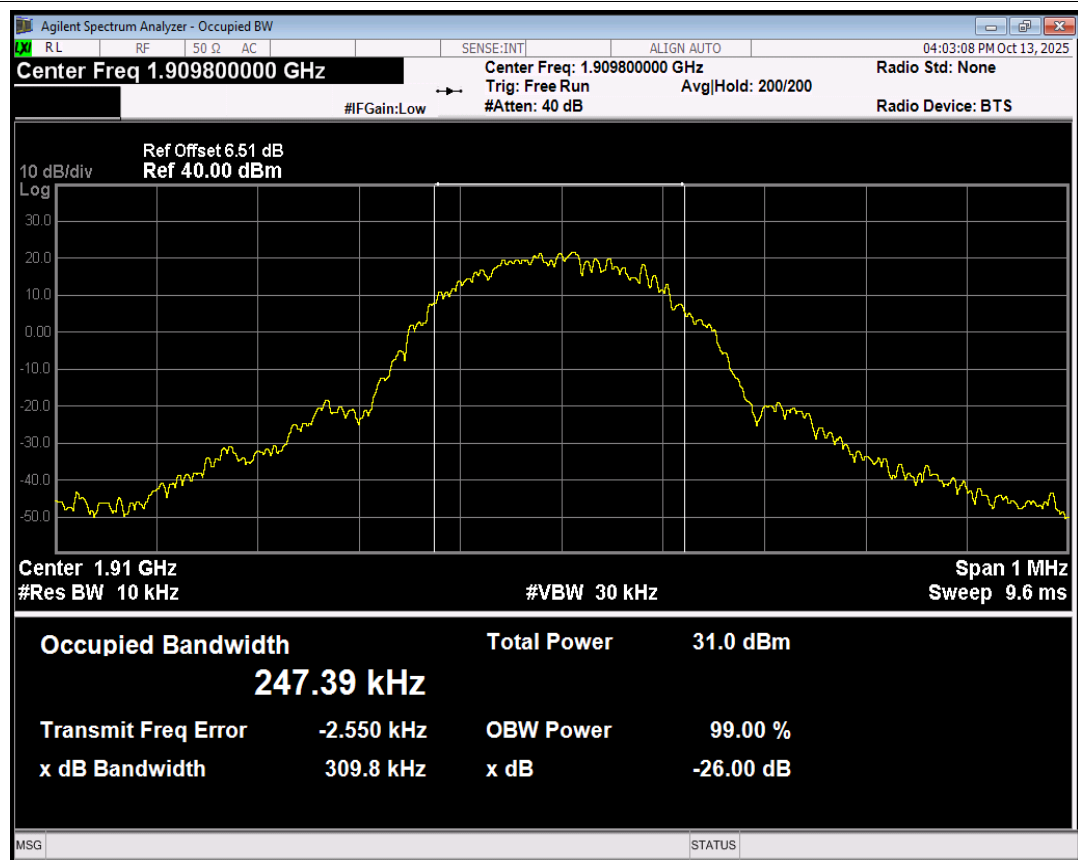
EGPRS850 Channel=251 NVNT



EGPRS1900 Channel=512 NVNT



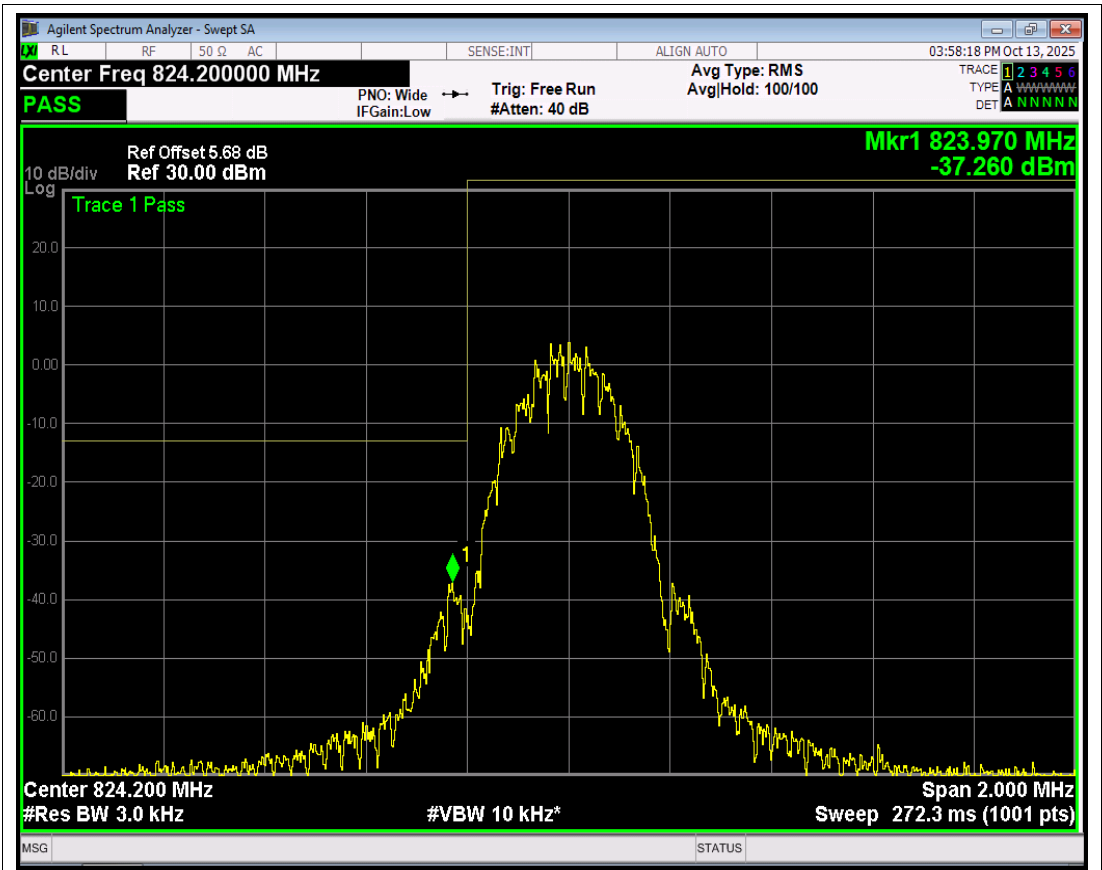
EGPRS1900 Channel=661 NVNT



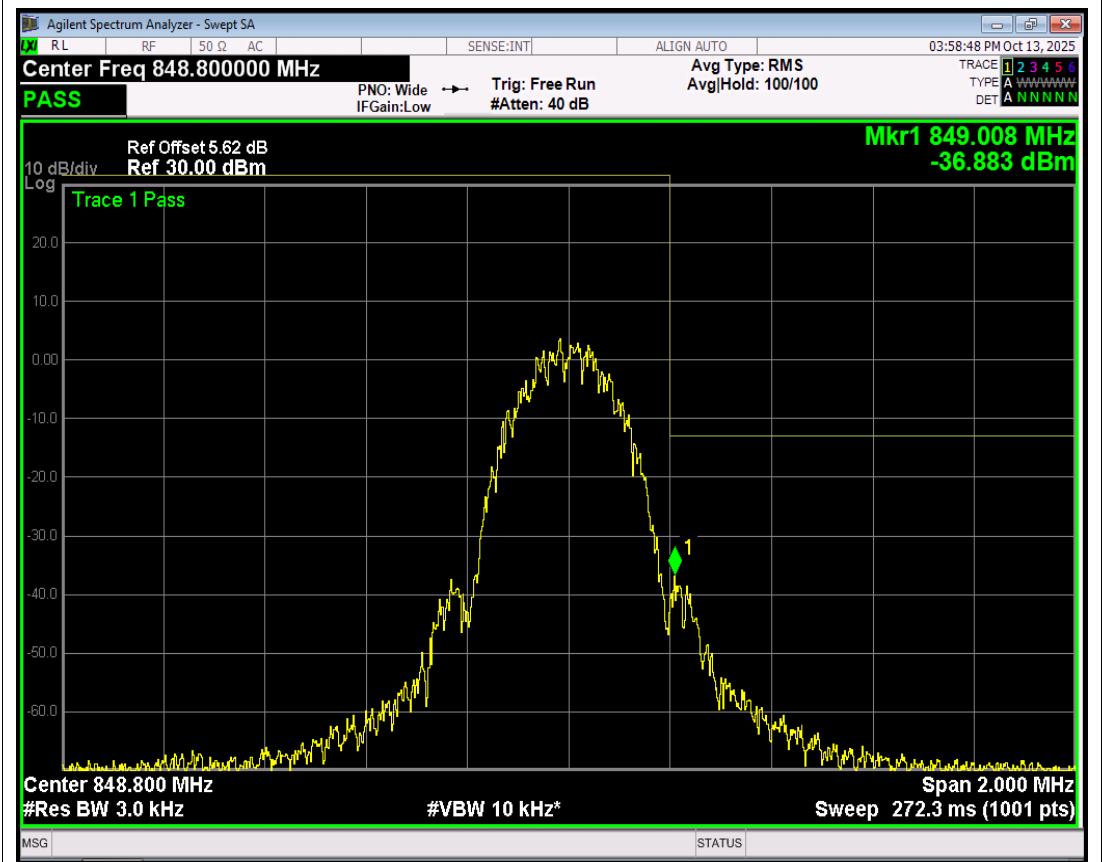
EGPRS1900 Channel=810 NVNT

Appendix 5.Band edge

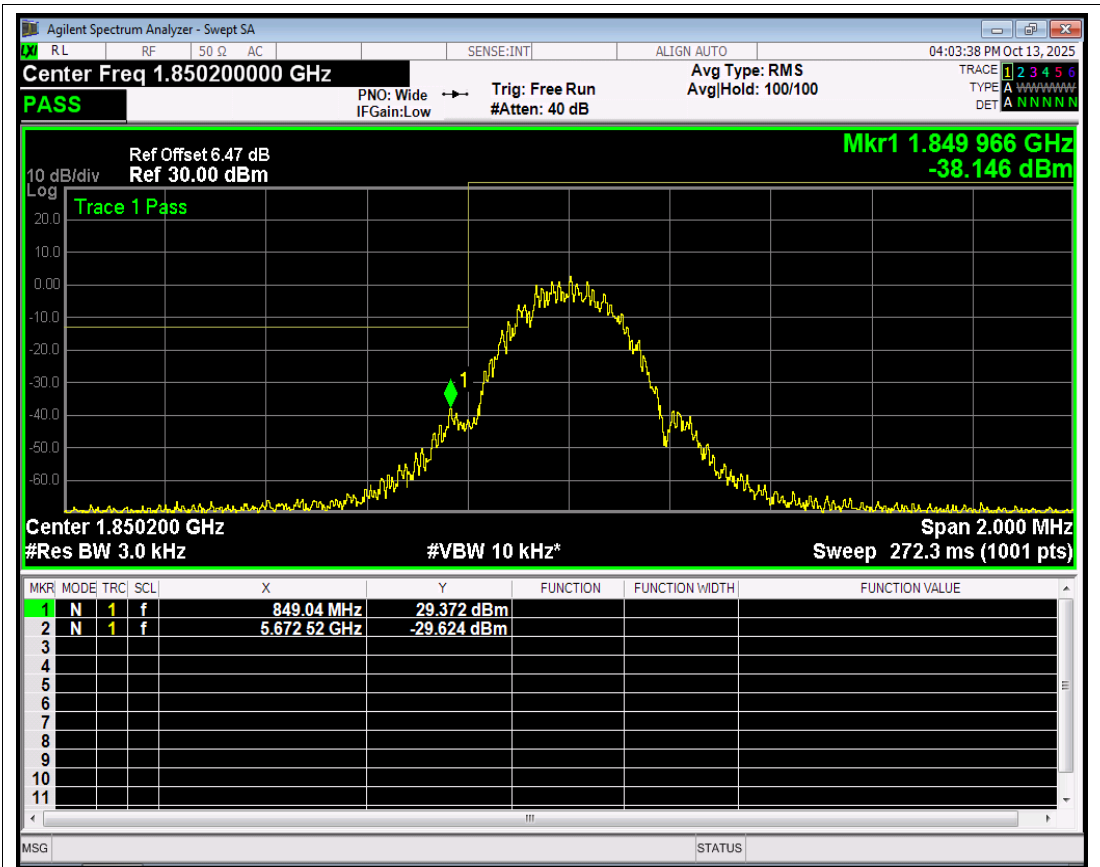
<i>Condition</i>	<i>Band</i>	<i>Channel</i>	<i>Frequency (MHz)</i>	<i>Spur Freq (MHz)</i>	<i>Spur Level (dBm)</i>	<i>Limit (dBm)</i>	<i>Verdict</i>
NVNT	EGPRS850	128	824.2	823.97	-37.26	-13	PASS
NVNT	EGPRS850	251	848.8	849.01	-36.88	-13	PASS
NVNT	EGPRS1900	512	1850.2	1849.97	-38.14	-13	PASS
NVNT	EGPRS1900	810	1909.8	1910.03	-37.65	-13	PASS



EGPRS850 Channel=128 NVNT



EGPRS850 Channel=251 NVNT



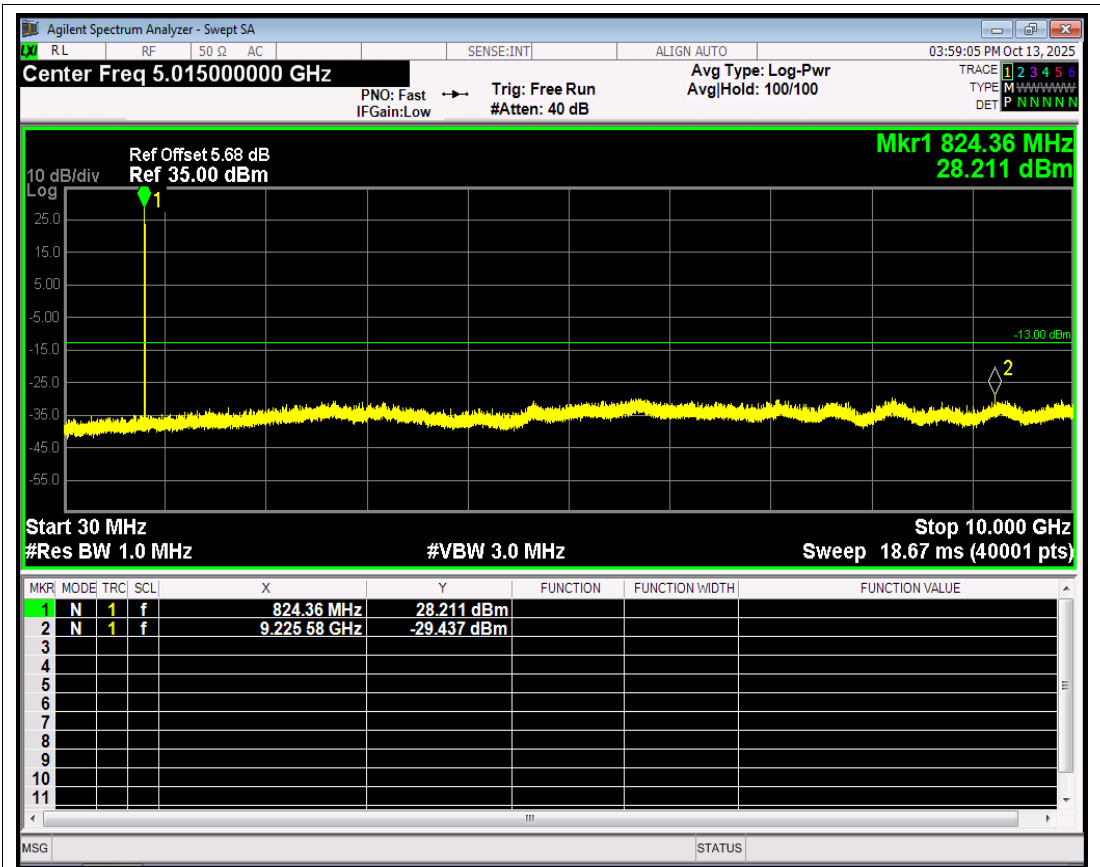
EGPRS1900 Channel=512 NVNT



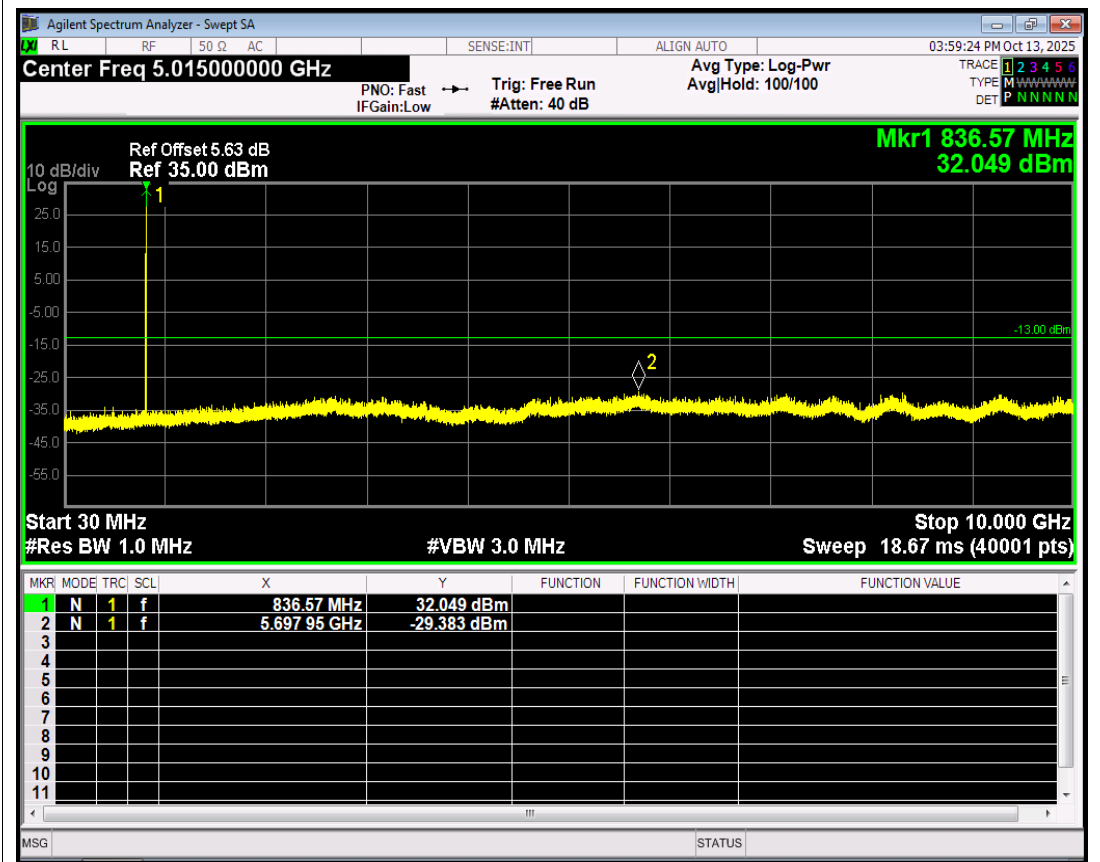
EGPRS1900 Channel=810 NVNT

Appendix 6.Out-of-band emissions

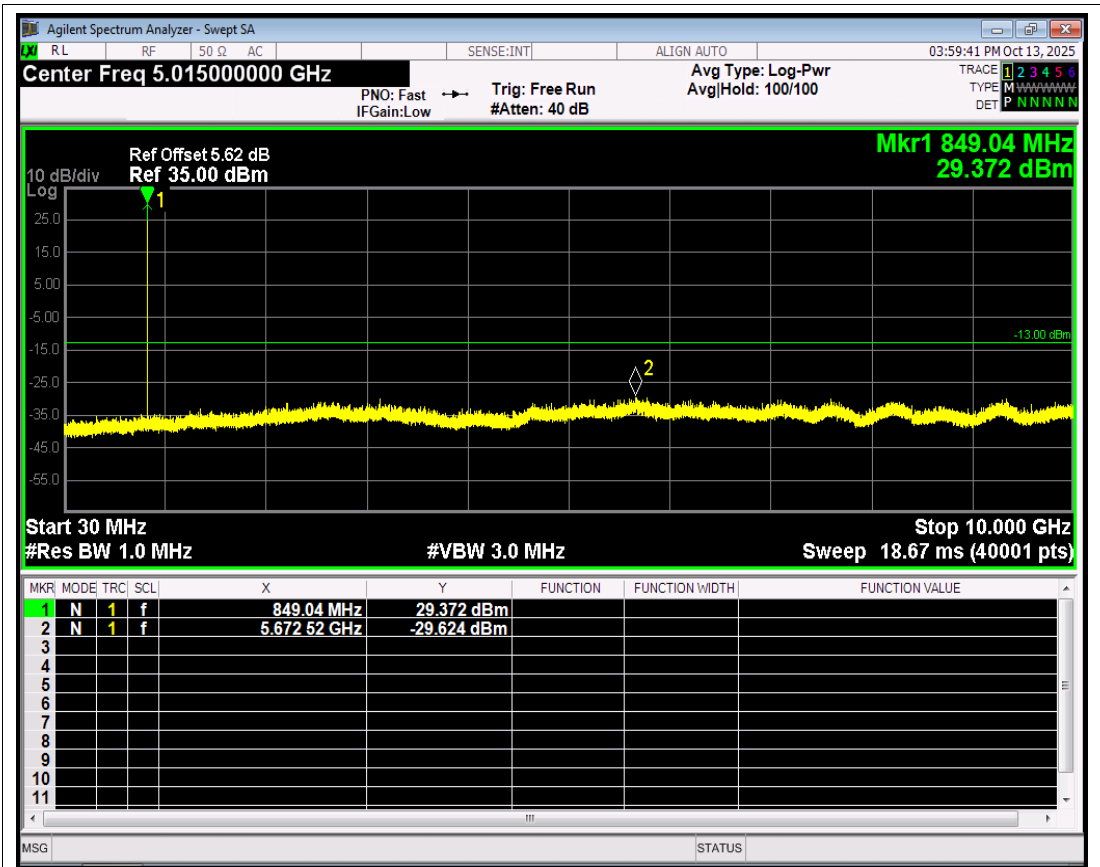
<i>Condition</i>	<i>Band</i>	<i>Channel</i>	<i>Frequency (MHz)</i>	<i>Spur Freq (MHz)</i>	<i>Spur Level (dBm)</i>	<i>Limit (dBm)</i>	<i>Verdict</i>
NVNT	EGPRS850	128	824.2	9225.58	-29.43	-13	PASS
NVNT	EGPRS850	190	836.6	5697.95	-29.38	-13	PASS
NVNT	EGPRS850	251	848.8	5672.52	-29.62	-13	PASS
NVNT	EGPRS1900	512	1850.2	19381.93	-23.30	-13	PASS
NVNT	EGPRS1900	661	1880	19342.99	-24.12	-13	PASS
NVNT	EGPRS1900	810	1909.8	19388.92	-24.07	-13	PASS



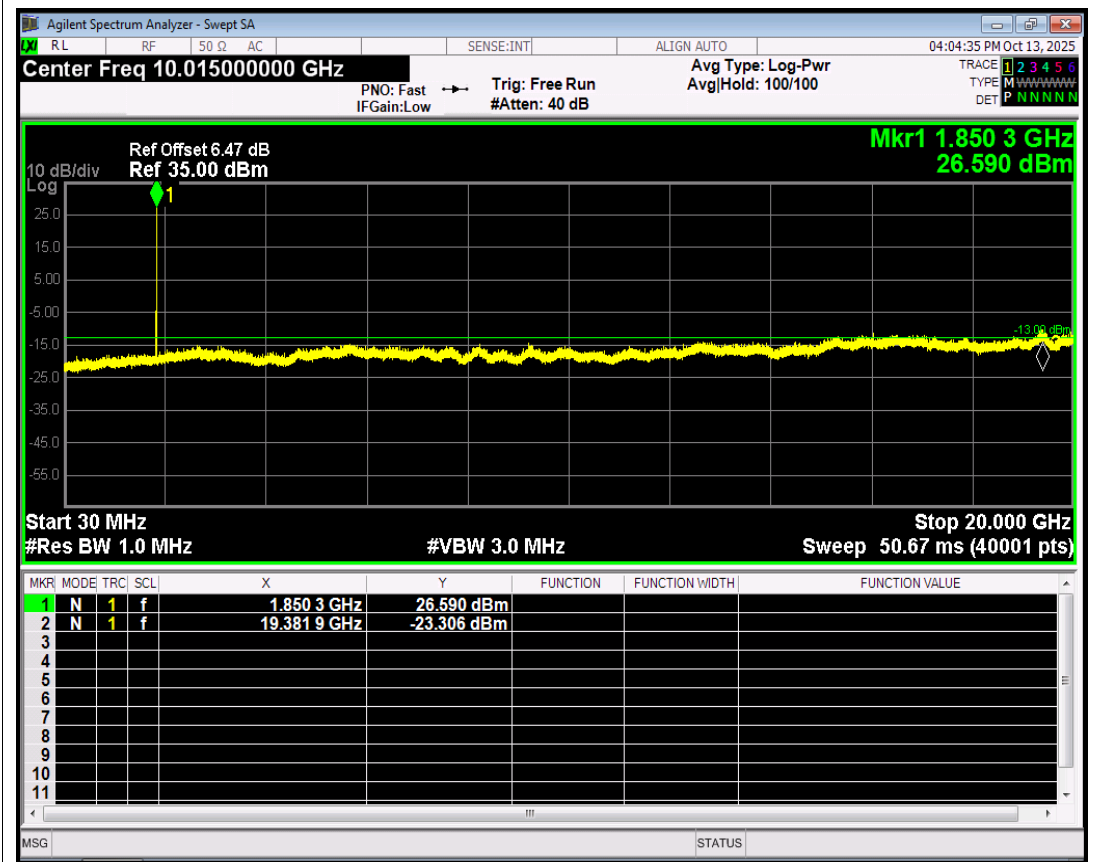
EGPRS850 Channel=128 NVNT



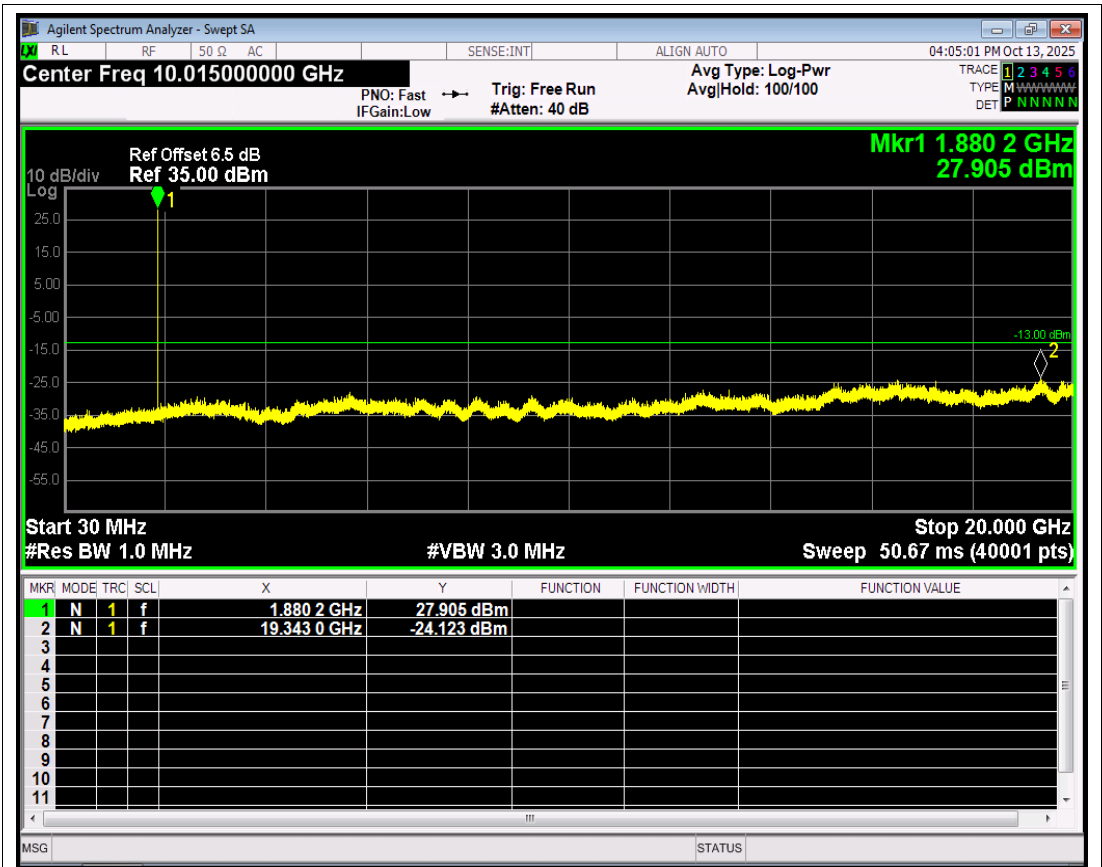
EGPRS850 Channel=190 NVNT



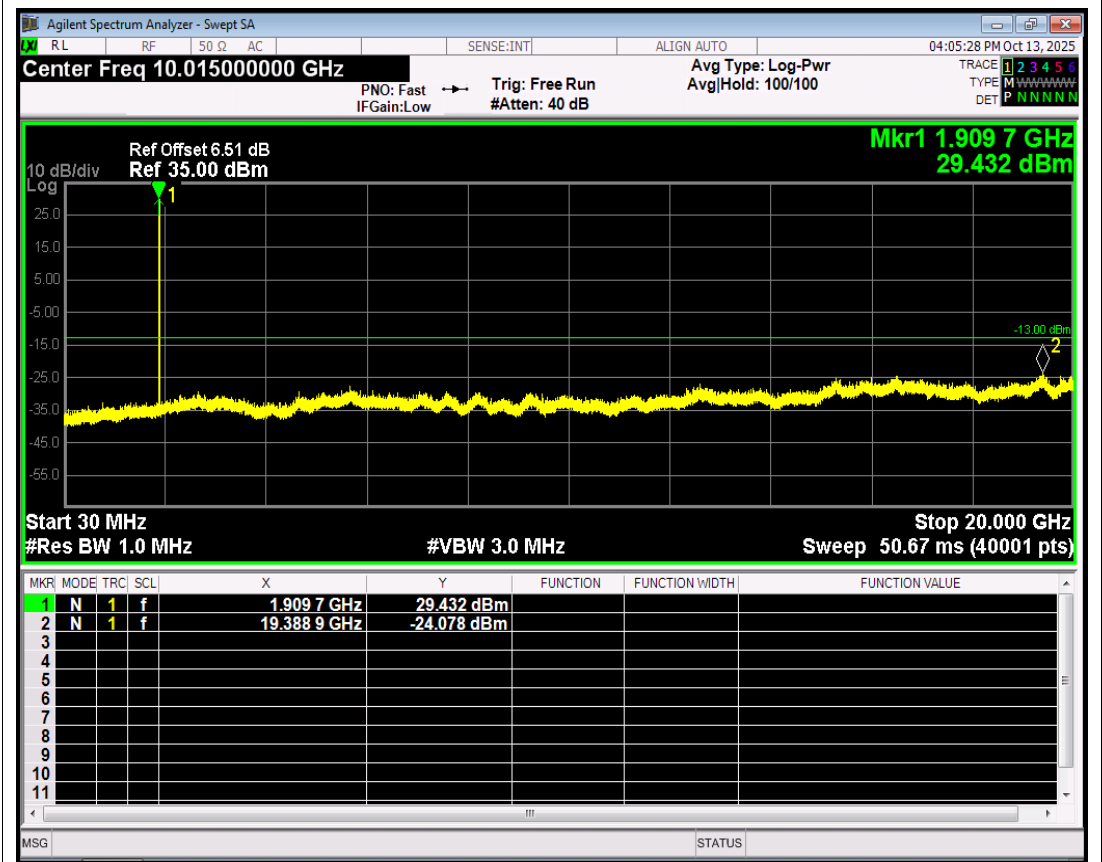
EGPRS850 Channel=251 NVNT



EGPRS1900 Channel=512 NVNT



EGPRS1900 Channel=661 NVNT



EGPRS1900 Channel=810 NVNT

