Appendix for EGPRS

Report No.:	BCTC2502904596-5E
Applicant:	SHENZHEN YUNJI INTELLIGENT TECHNOLOGY CO.,LTD
Product Name:	Smart Phone
Test Model:	C1
Tested Date:	2025-02-21 to 2025-03-21

Shenzhen BCTC Testing Co., Ltd.

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1 Conducted output power

Condition	Band	Channel	Frequency (MHz)	Power (dBm)	Verdict
NVNT	EGPRS850 1 Slot	128	824.2	27.27	PASS
NVNT	EGPRS850 1 Slot	190	836.6	27.35	PASS
NVNT	EGPRS850 1 Slot	251	848.8	27.19	PASS
NVNT	EGPRS850 2 Slot	128	824.2	25.08	PASS
NVNT	EGPRS850 2 Slot	190	836.6	25.23	PASS
NVNT	EGPRS850 2 Slot	251	848.8	25.00	PASS
NVNT	EGPRS850 3 Slot	128	824.2	22.60	PASS
NVNT	EGPRS850 3 Slot	190	836.6	22.48	PASS
NVNT	EGPRS850 3 Slot	251	848.8	21.94	PASS
NVNT	EGPRS850 4 Slot	128	824.2	20.24	PASS
NVNT	EGPRS850 4 Slot	190	836.6	19.58	PASS
NVNT	EGPRS850 4 Slot	251	848.8	19.52	PASS
NVNT	EGPRS1900 1 Slot	512	1850.2	27.00	PASS
NVNT	EGPRS1900 1 Slot	661	1880	26.83	PASS
NVNT	EGPRS1900 1 Slot	810	1909.8	26.67	PASS
NVNT	EGPRS1900 2 Slot	512	1850.2	24.85	PASS
NVNT	EGPRS1900 2 Slot	661	1880	24.80	PASS
NVNT	EGPRS1900 2 Slot	810	1909.8	24.44	PASS
NVNT	EGPRS1900 3 Slot	512	1850.2	23.35	PASS
NVNT	EGPRS1900 3 Slot	661	1880	22.86	PASS
NVNT	EGPRS1900 3 Slot	810	1909.8	23.30	PASS
NVNT	EGPRS1900 4 Slot	512	1850.2	21.24	PASS
NVNT	EGPRS1900 4 Slot	661	1880	20.62	PASS
NVNT	EGPRS1900 4 Slot	810	1909.8	20.36	PASS

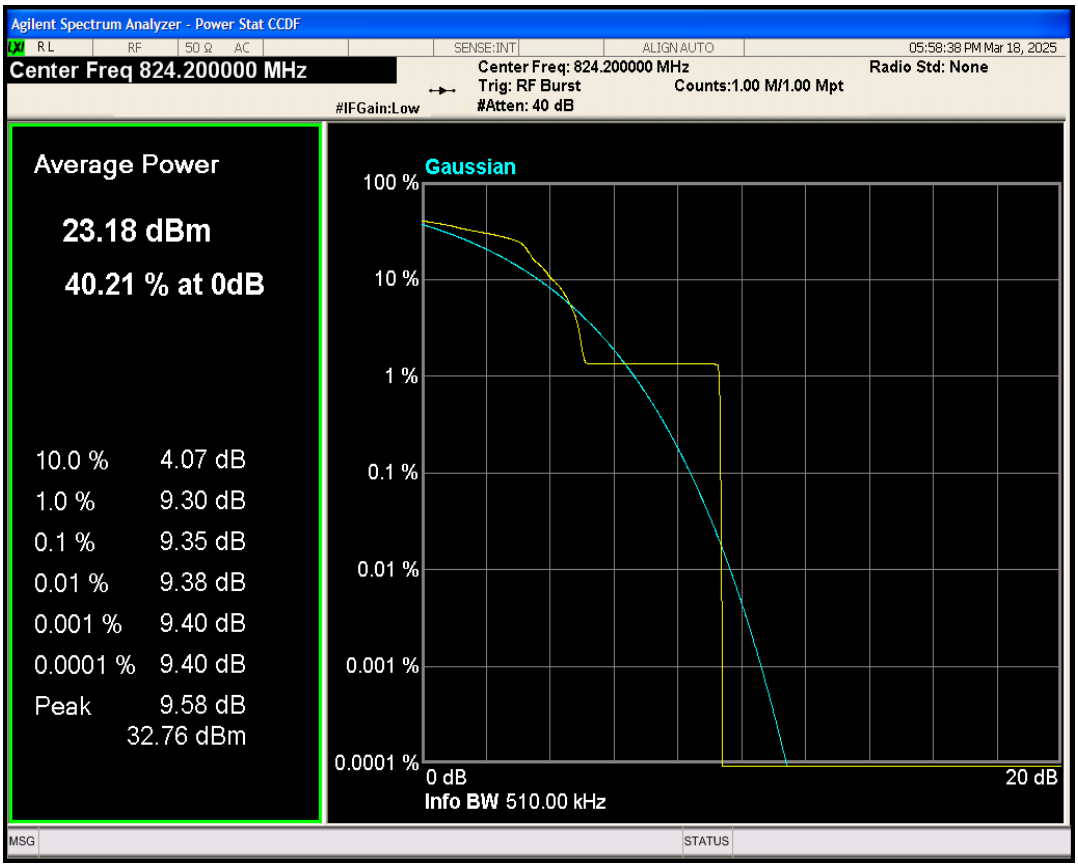
2 Frequency stability

Condition	Band	Channel	Frequency (MHz)	Voltage (Vdc)	Temperatue (C)	Result (Hz)	Result (ppm)	Verdict
NVNT	EGPRS850	128	824.2	LV	NT	0.16	0.000	PASS
NVNT	EGPRS850	128	824.2	NV	NT	14.63	0.018	PASS
NVNT	EGPRS850	128	824.2	HV	NT	11.62	0.014	PASS
NVNT	EGPRS850	190	836.6	LV	NT	19.21	0.023	PASS
NVNT	EGPRS850	190	836.6	NV	NT	10.56	0.013	PASS
NVNT	EGPRS850	190	836.6	HV	NT	10.30	0.012	PASS
NVNT	EGPRS850	251	848.8	LV	NT	18.50	0.022	PASS
NVNT	EGPRS850	251	848.8	NV	NT	12.59	0.015	PASS
NVNT	EGPRS850	251	848.8	HV	NT	15.11	0.018	PASS
NVNT	EGPRS1900	512	1850.2	LV	NT	-8.01	-0.004	PASS
NVNT	EGPRS1900	512	1850.2	NV	NT	4.07	0.002	PASS
NVNT	EGPRS1900	512	1850.2	HV	NT	-4.26	-0.002	PASS
NVNT	EGPRS1900	661	1880	LV	NT	4.52	0.002	PASS
NVNT	EGPRS1900	661	1880	NV	NT	6.49	0.003	PASS
NVNT	EGPRS1900	661	1880	HV	NT	9.75	0.005	PASS
NVNT	EGPRS1900	810	1909.8	LV	NT	10.65	0.006	PASS
NVNT	EGPRS1900	810	1909.8	NV	NT	13.75	0.007	PASS
NVNT	EGPRS1900	810	1909.8	HV	NT	9.65	0.005	PASS
NVNT	EGPRS850	128	824.2	NV	-30	15.30	0.019	PASS
NVNT	EGPRS850	128	824.2	NV	-20	10.91	0.013	PASS
NVNT	EGPRS850	128	824.2	NV	0	8.52	0.010	PASS
NVNT	EGPRS850	128	824.2	NV	10	12.49	0.015	PASS
NVNT	EGPRS850	128	824.2	NV	20	8.14	0.010	PASS
NVNT	EGPRS850	128	824.2	NV	30	3.78	0.005	PASS
NVNT	EGPRS850	128	824.2	NV	40	8.27	0.010	PASS
NVNT	EGPRS850	128	824.2	NV	50	10.91	0.013	PASS
NVNT	EGPRS850	190	836.6	NV	-30	11.91	0.014	PASS
NVNT	EGPRS850	190	836.6	NV	-20	13.53	0.016	PASS
NVNT	EGPRS850	190	836.6	NV	0	9.91	0.012	PASS
NVNT	EGPRS850	190	836.6	NV	10	999.00	1.194	PASS
NVNT	EGPRS850	190	836.6	NV	20	12.88	0.015	PASS
NVNT	EGPRS850	190	836.6	NV	30	9.98	0.012	PASS
NVNT	EGPRS850	190	836.6	NV	40	11.56	0.014	PASS
NVNT	EGPRS850	190	836.6	NV	50	13.46	0.016	PASS
NVNT	EGPRS850	251	848.8	NV	-30	18.31	0.022	PASS
NVNT	EGPRS850	251	848.8	NV	-20	16.50	0.019	PASS
NVNT	EGPRS850	251	848.8	NV	0	10.40	0.012	PASS
NVNT	EGPRS850	251	848.8	NV	10	15.30	0.018	PASS

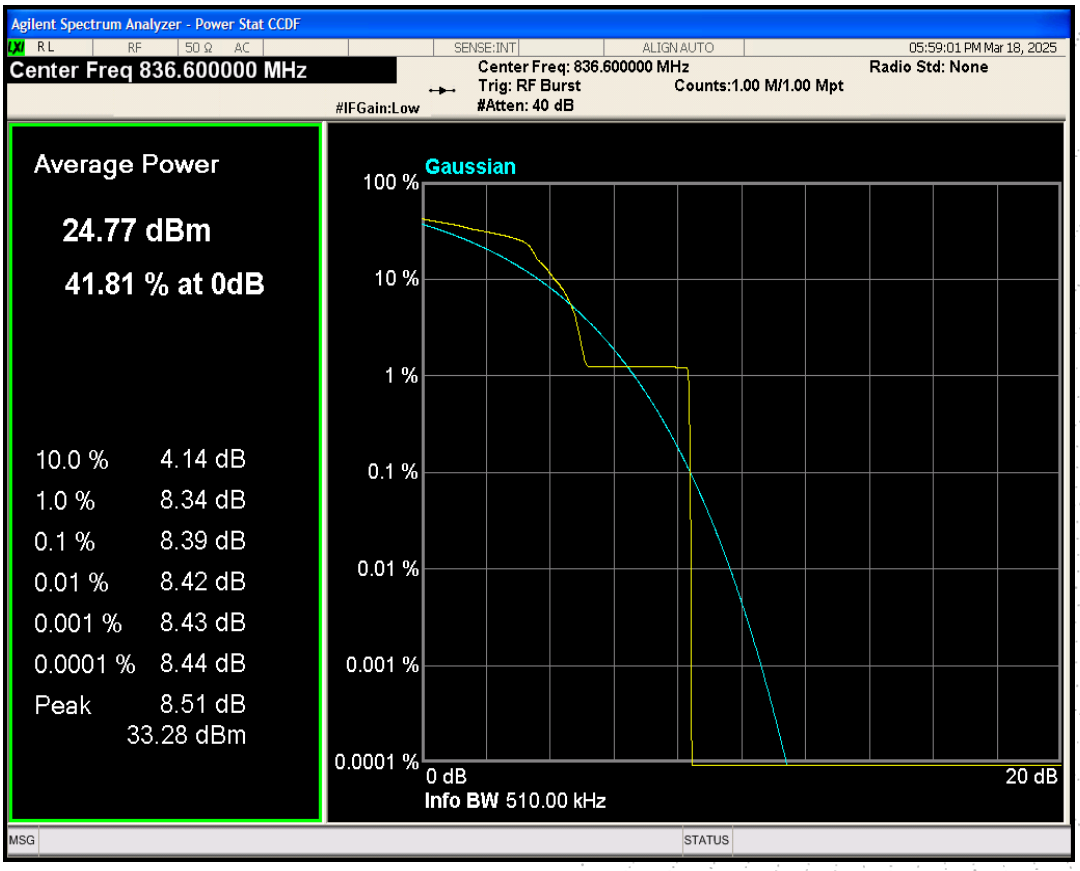
NVNT	EGPRS850	251	848.8	NV	20	16.85	0.020	PASS
NVNT	EGPRS850	251	848.8	NV	30	12.66	0.015	PASS
NVNT	EGPRS850	251	848.8	NV	40	18.44	0.022	PASS
NVNT	EGPRS850	251	848.8	NV	50	9.30	0.011	PASS
NVNT	EGPRS1900	512	1850.2	NV	-30	5.49	0.003	PASS
NVNT	EGPRS1900	512	1850.2	NV	-20	2.62	0.001	PASS
NVNT	EGPRS1900	512	1850.2	NV	0	11.49	0.006	PASS
NVNT	EGPRS1900	512	1850.2	NV	10	14.82	0.008	PASS
NVNT	EGPRS1900	512	1850.2	NV	20	5.23	0.003	PASS
NVNT	EGPRS1900	512	1850.2	NV	30	10.91	0.006	PASS
NVNT	EGPRS1900	512	1850.2	NV	40	20.08	0.011	PASS
NVNT	EGPRS1900	512	1850.2	NV	50	14.21	0.008	PASS
NVNT	EGPRS1900	661	1880	NV	-30	8.94	0.005	PASS
NVNT	EGPRS1900	661	1880	NV	-20	-4.33	-0.002	PASS
NVNT	EGPRS1900	661	1880	NV	0	-2.62	-0.001	PASS
NVNT	EGPRS1900	661	1880	NV	10	4.71	0.003	PASS
NVNT	EGPRS1900	661	1880	NV	20	10.43	0.006	PASS
NVNT	EGPRS1900	661	1880	NV	30	3.65	0.002	PASS
NVNT	EGPRS1900	661	1880	NV	40	16.53	0.009	PASS
NVNT	EGPRS1900	661	1880	NV	50	10.53	0.006	PASS
NVNT	EGPRS1900	810	1909.8	NV	-30	20.44	0.011	PASS
NVNT	EGPRS1900	810	1909.8	NV	-20	8.72	0.005	PASS
NVNT	EGPRS1900	810	1909.8	NV	0	19.86	0.010	PASS
NVNT	EGPRS1900	810	1909.8	NV	10	9.94	0.005	PASS
NVNT	EGPRS1900	810	1909.8	NV	20	10.27	0.005	PASS
NVNT	EGPRS1900	810	1909.8	NV	30	-8.81	-0.005	PASS
NVNT	EGPRS1900	810	1909.8	NV	40	17.92	0.009	PASS
NVNT	EGPRS1900	810	1909.8	NV	50	-0.97	-0.001	PASS

3 Peak-to-Average Ratio

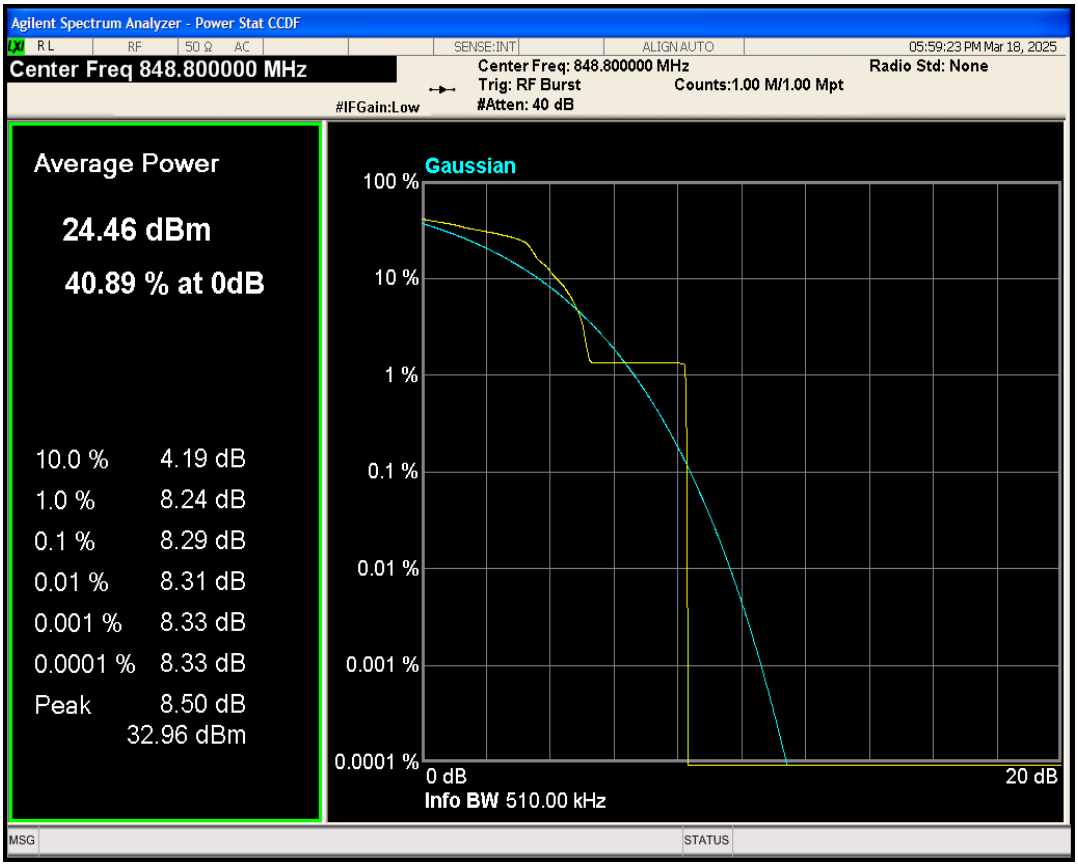
Condition	Band	Channel	Frequency (MHz)	Result (dB)	high Limit (dB)	Verdict
NVNT	EGPRS850	128	824.2	9.352969799	13.00	PASS
NVNT	EGPRS850	190	836.6	8.393397914	13.00	PASS
NVNT	EGPRS850	251	848.8	8.288769841	13.00	PASS
NVNT	EGPRS1900	512	1850.2	5.093922518	13.00	PASS
NVNT	EGPRS1900	661	1880	6.245630841	13.00	PASS
NVNT	EGPRS1900	810	1909.8	6.056192661	13.00	PASS



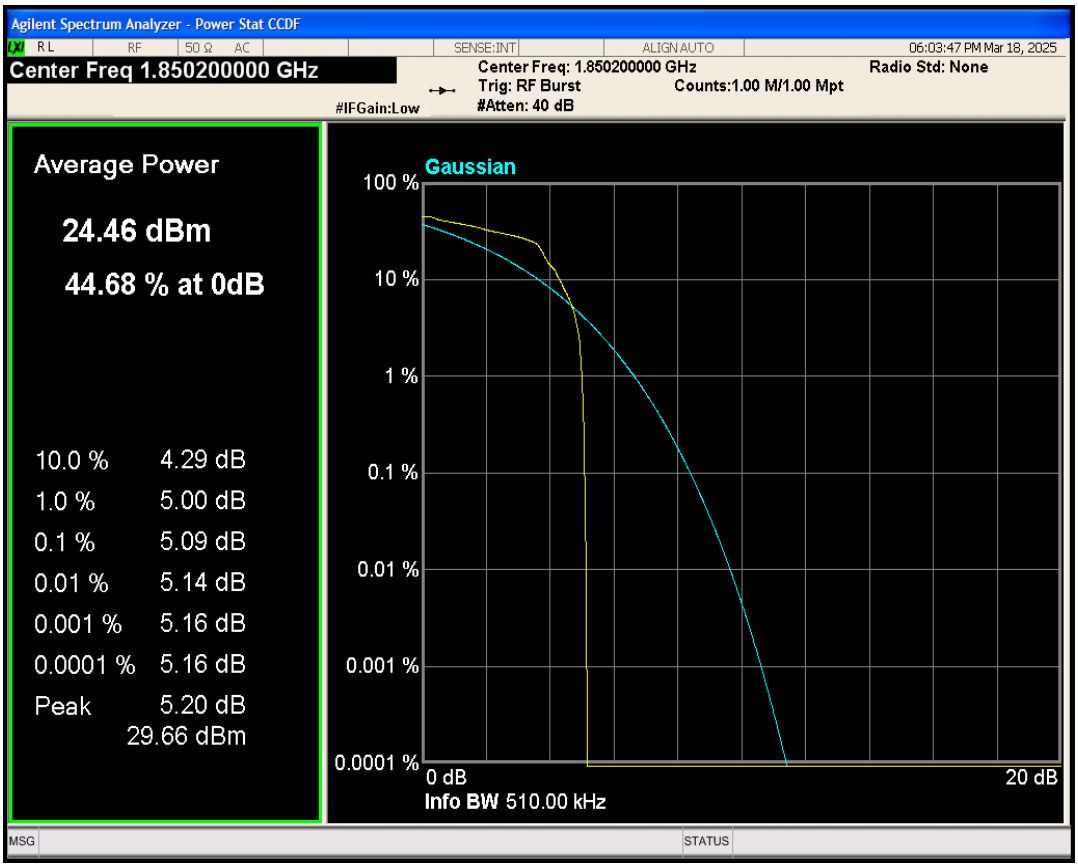
EGPRS850 Channel=128 NVNT



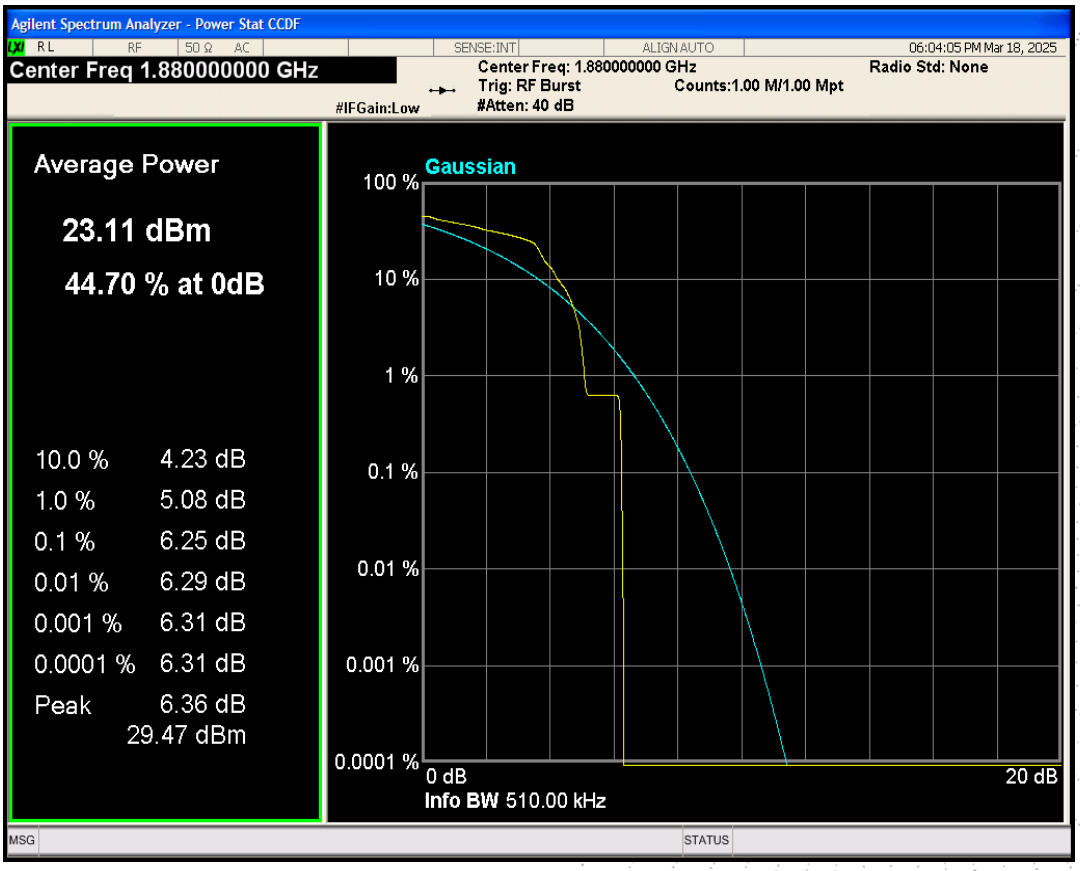
EGPRS850 Channel=190 NVNT



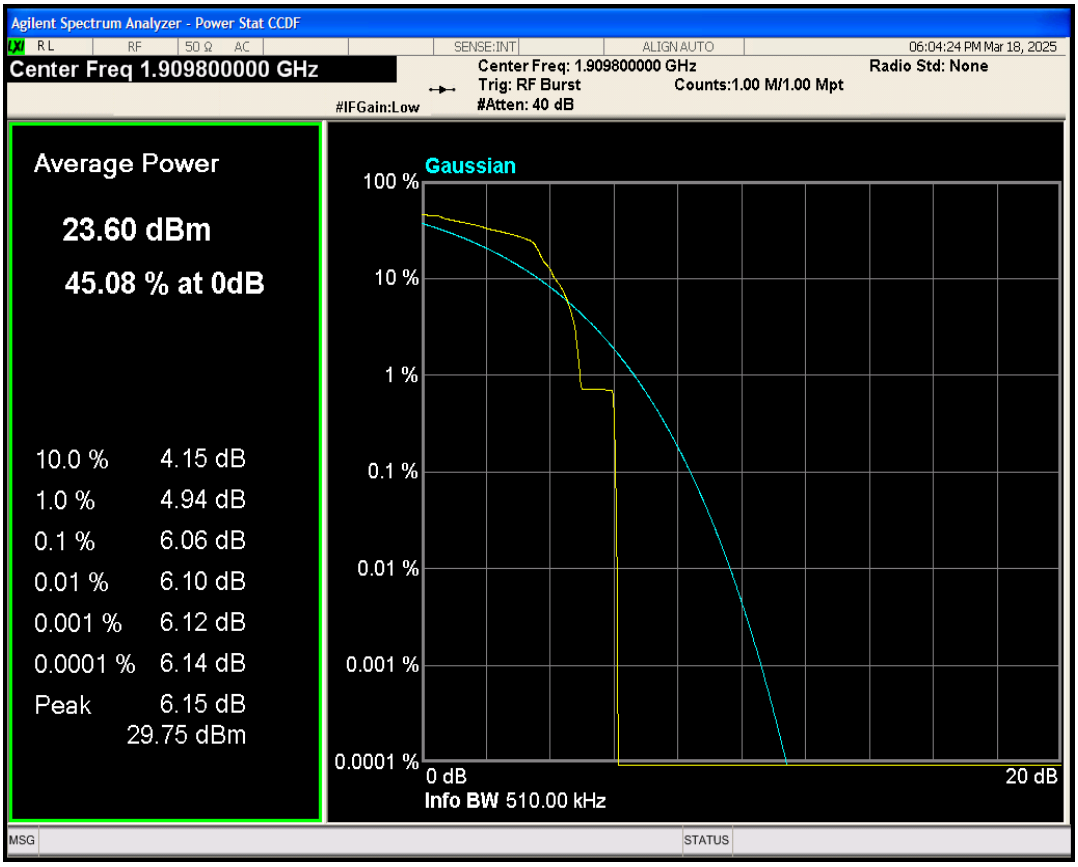
EGPRS850 Channel=251 NVNT



EGPRS1900 Channel=512 NVNT



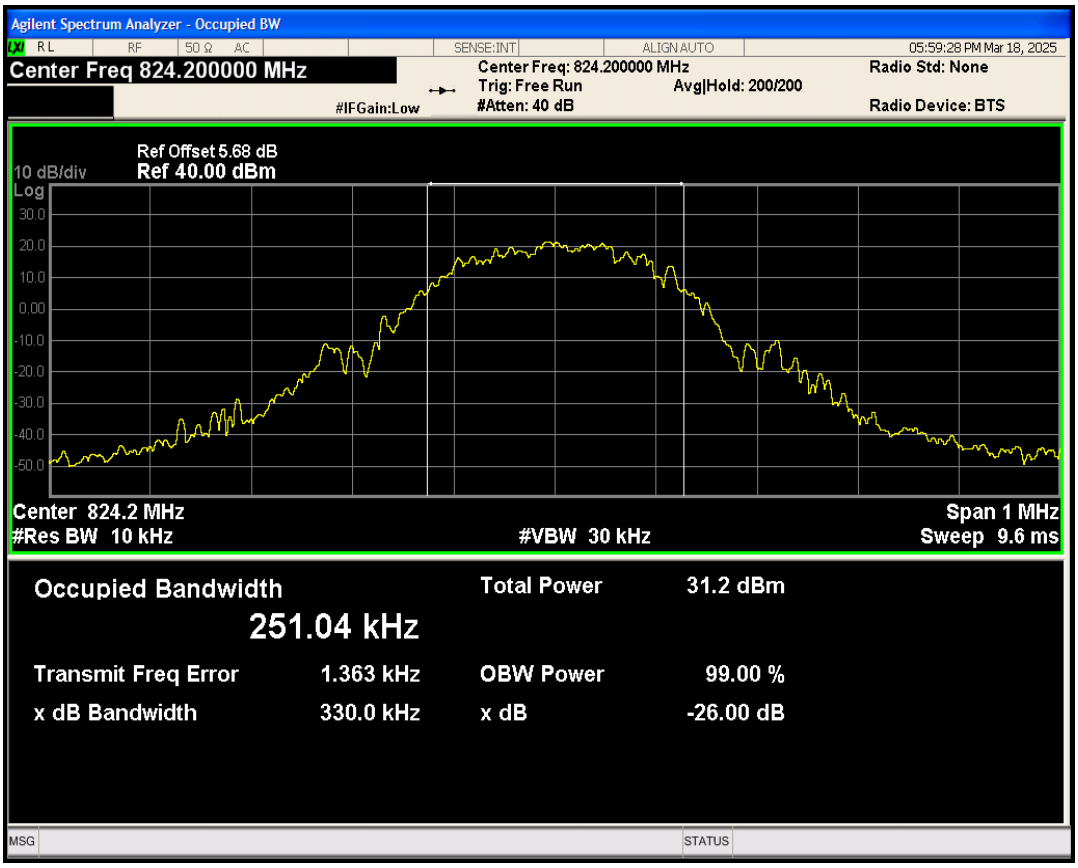
EGPRS1900 Channel=661 NVNT



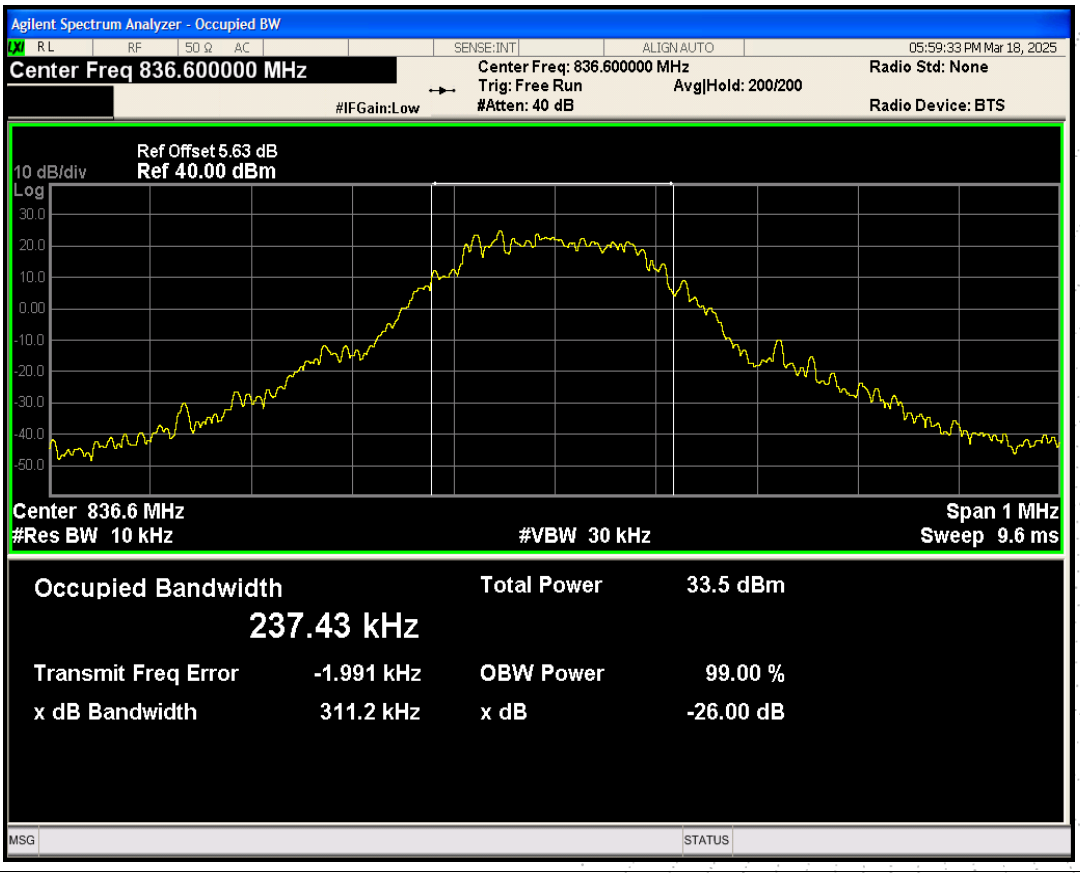
EGPRS1900 Channel=810 NVNT

4 Occupied bandwidth

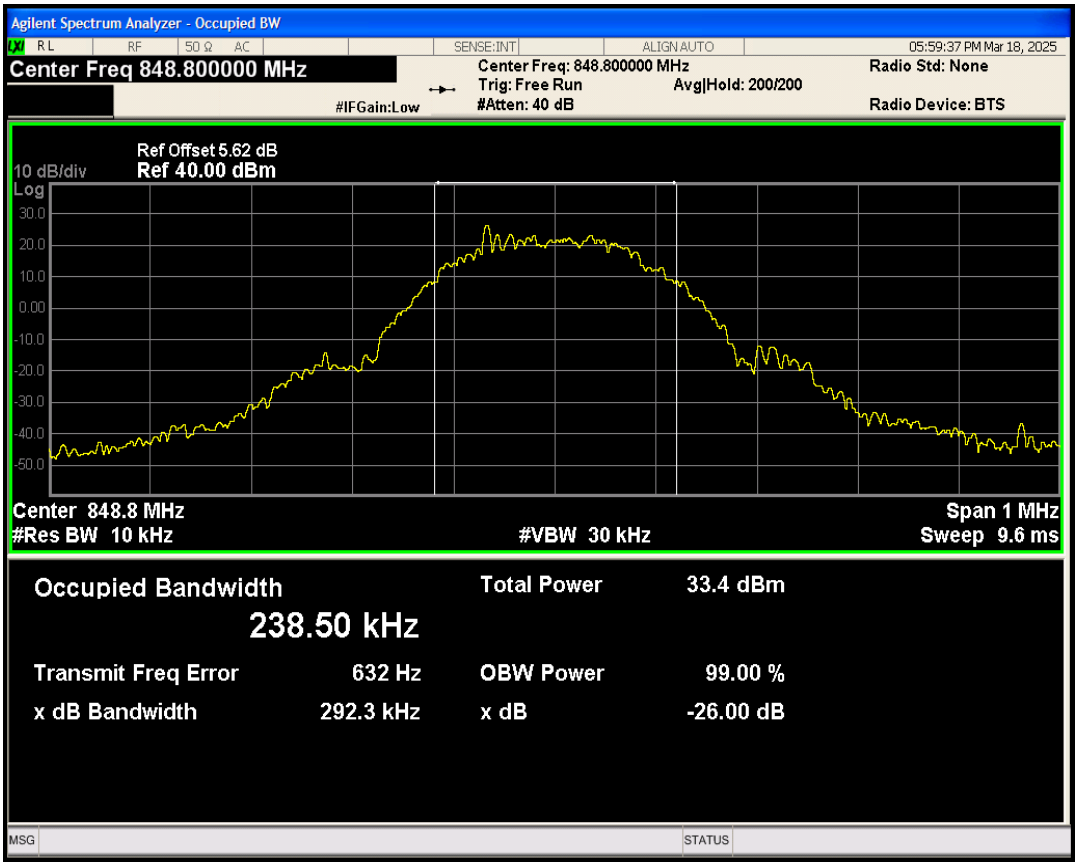
Condition	Band	Channel	Frequency (MHz)	99% OBW (kHz)	-26dB EBW (kHz)	Verdict
NVNT	EGPRS850	128	824.2	251.039	329.953	PASS
NVNT	EGPRS850	190	836.6	237.431	311.167	PASS
NVNT	EGPRS850	251	848.8	238.495	292.299	PASS
NVNT	EGPRS1900	512	1850.2	247.256	317.410	PASS
NVNT	EGPRS1900	661	1880	251.459	323.973	PASS
NVNT	EGPRS1900	810	1909.8	251.575	309.019	PASS



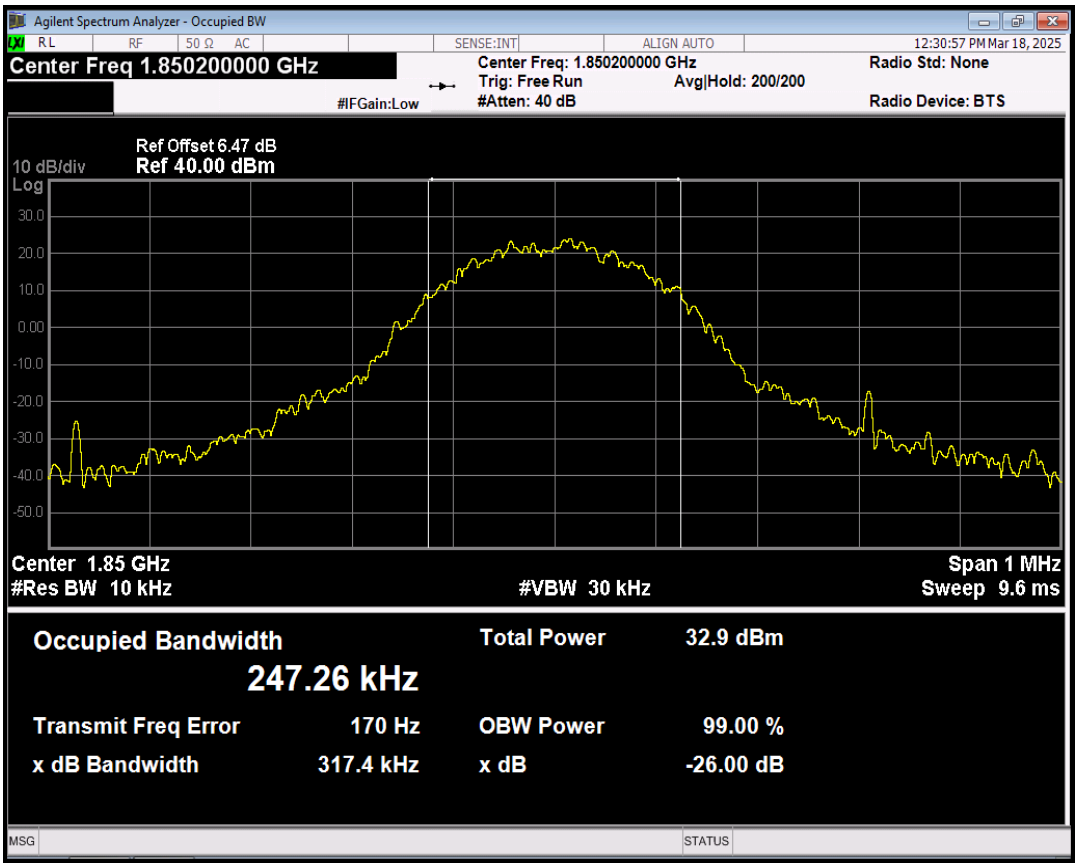
EGPRS850 Channel=128 NVNT



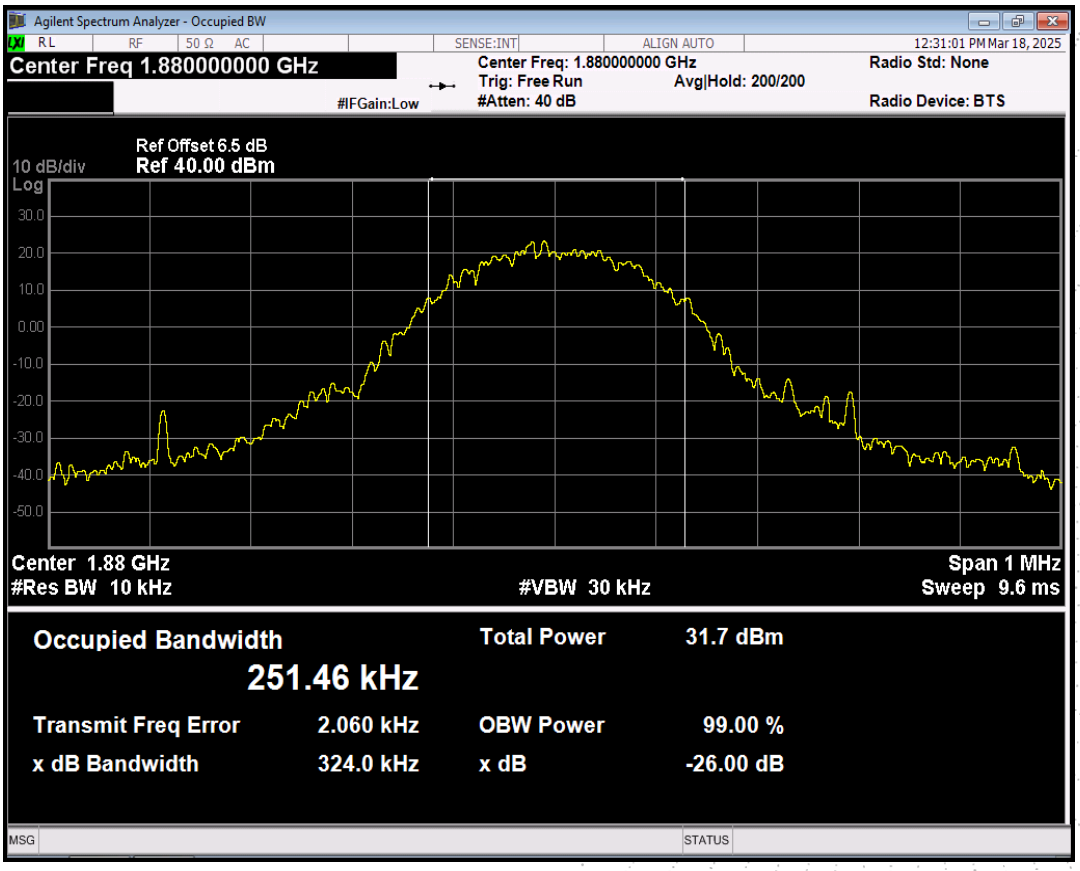
EGPRS850 Channel=190 NVNT



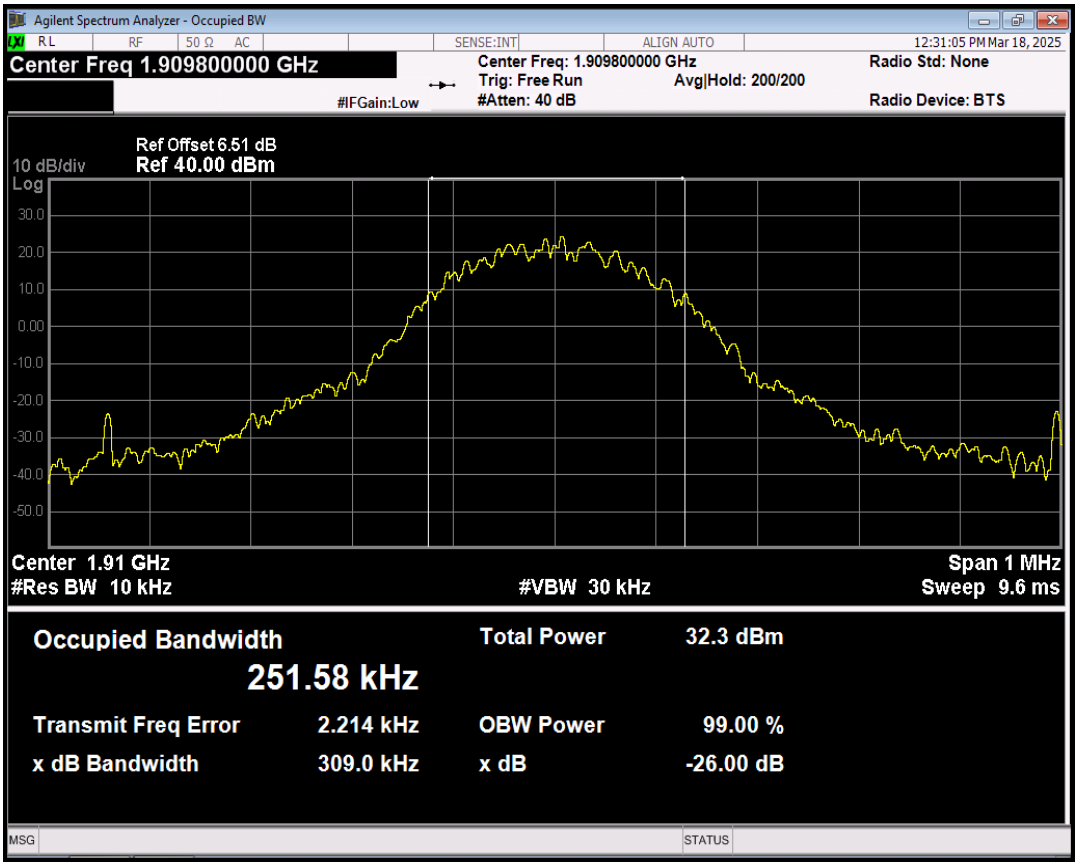
EGPRS850 Channel=251 NVNT



EGPRS1900 Channel=512 NVNT



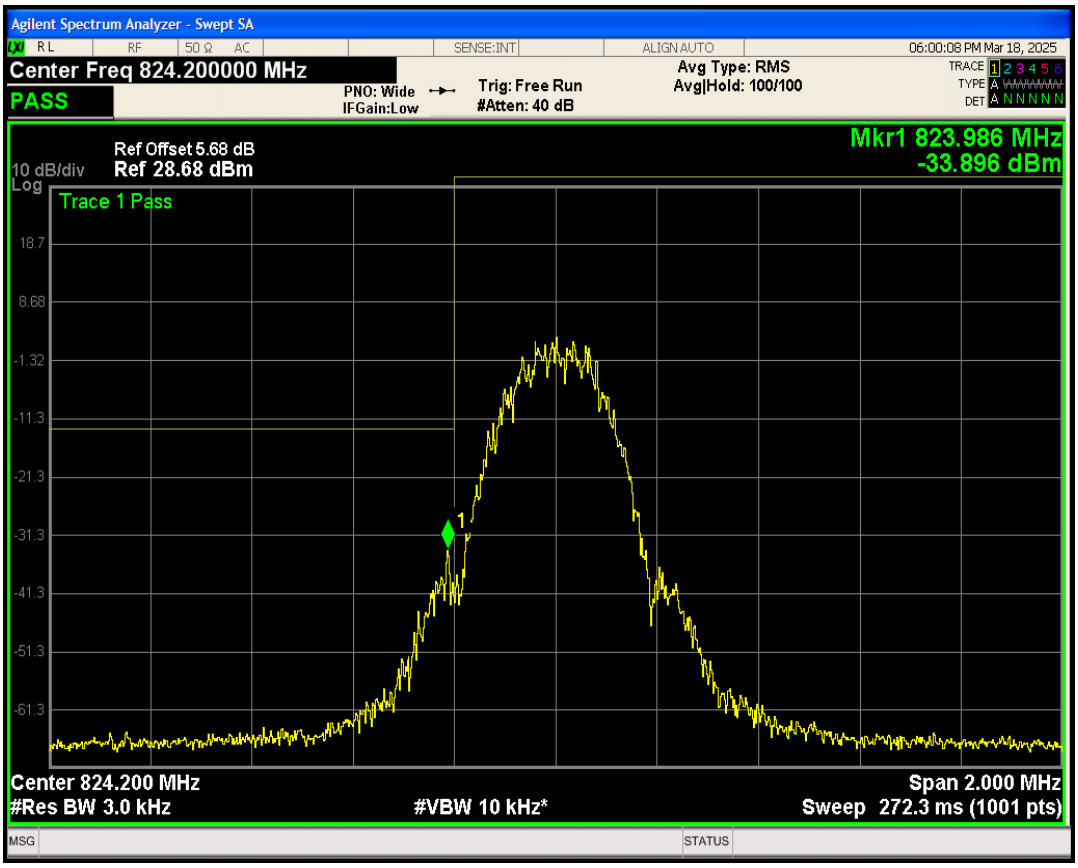
EGPRS1900 Channel=661 NVNT



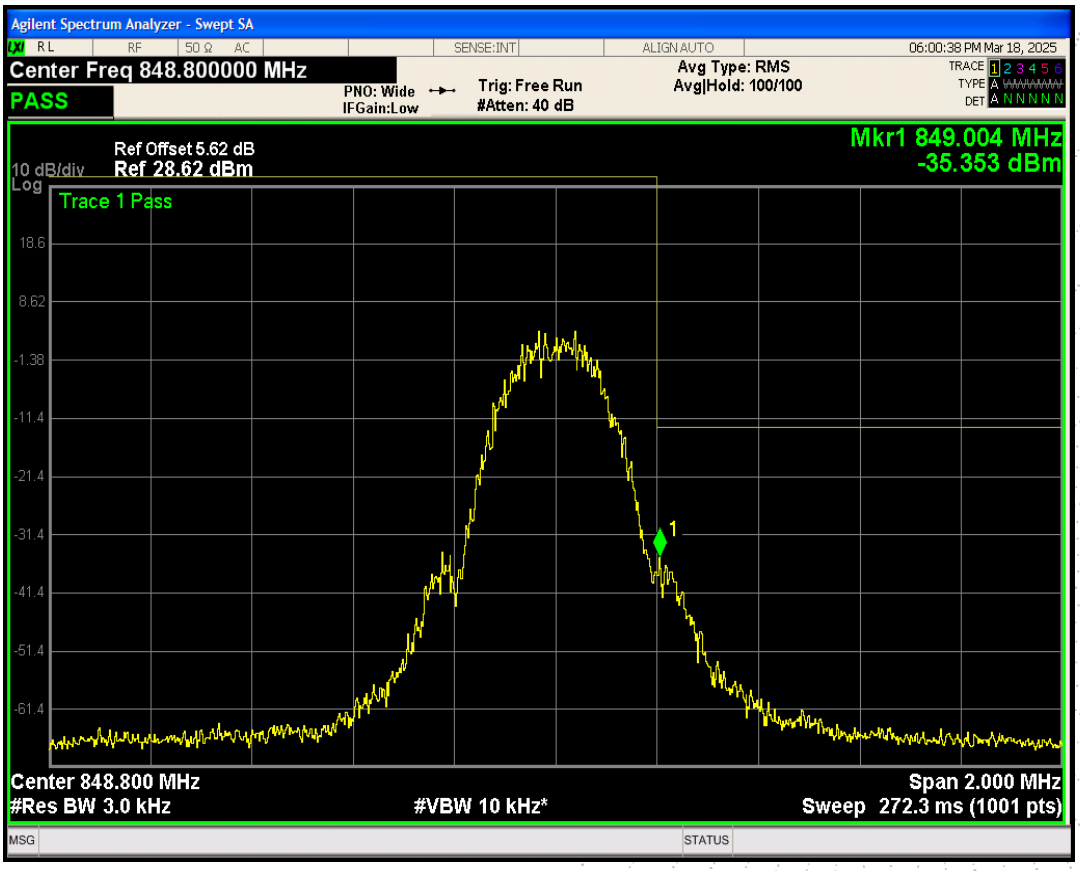
EGPRS1900 Channel=810 NVNT

5 Band edge

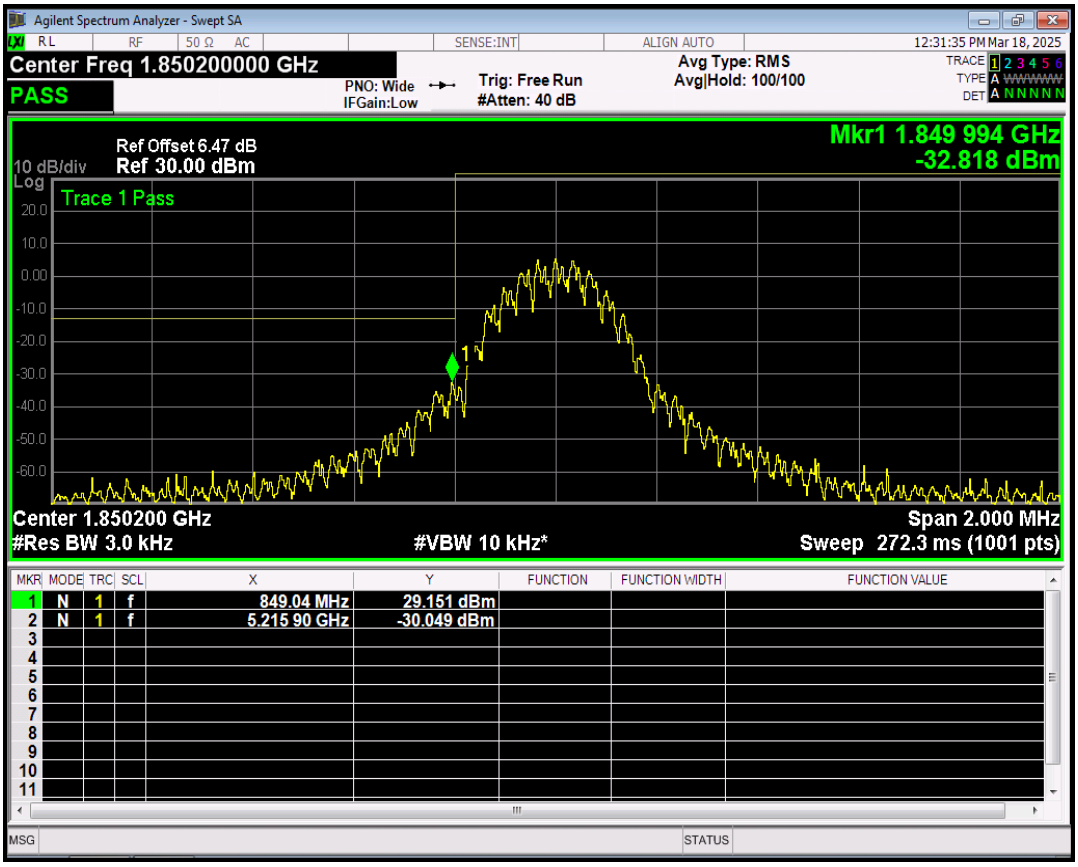
Condition	Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
NVNT	EGPRS850	128	824.2	823.99	-33.89	-13	PASS
NVNT	EGPRS850	251	848.8	849.00	-35.35	-13	PASS
NVNT	EGPRS1900	512	1850.2	1849.99	-32.81	-13	PASS
NVNT	EGPRS1900	810	1909.8	1910.00	-34.29	-13	PASS



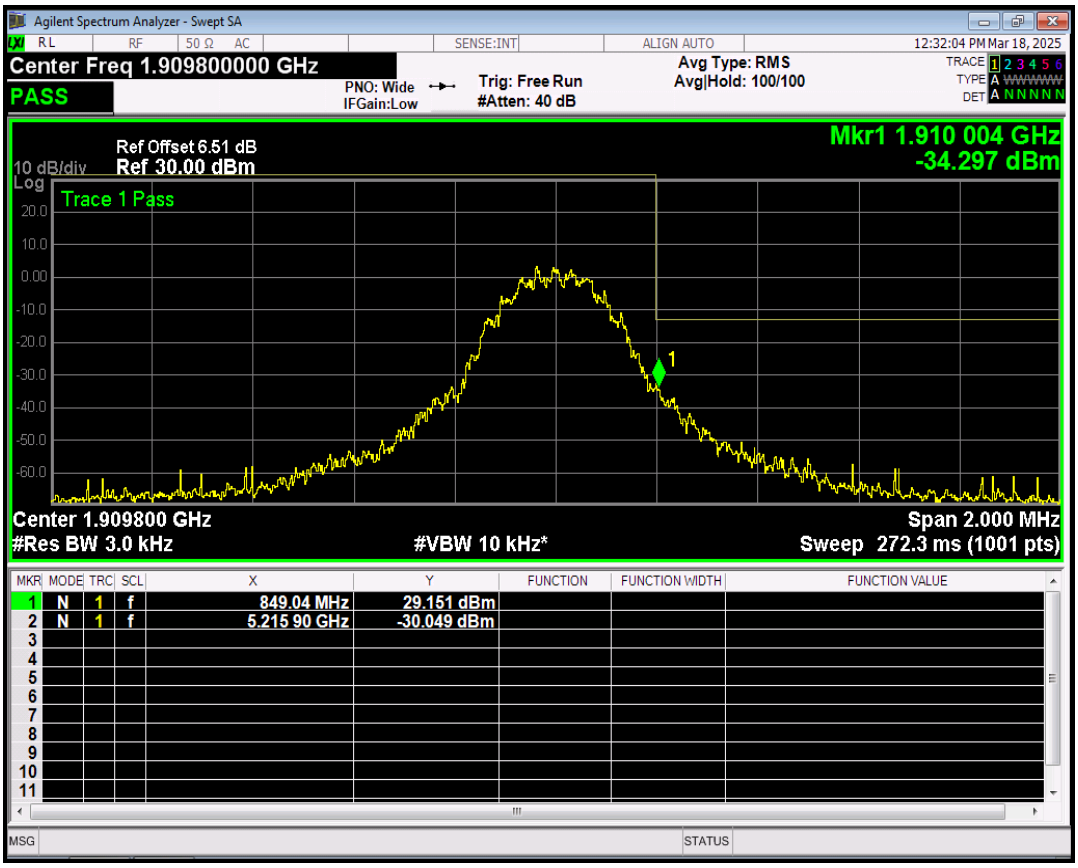
EGPRS850 Channel=128 NVNT



EGPRS850 Channel=251 NVNT



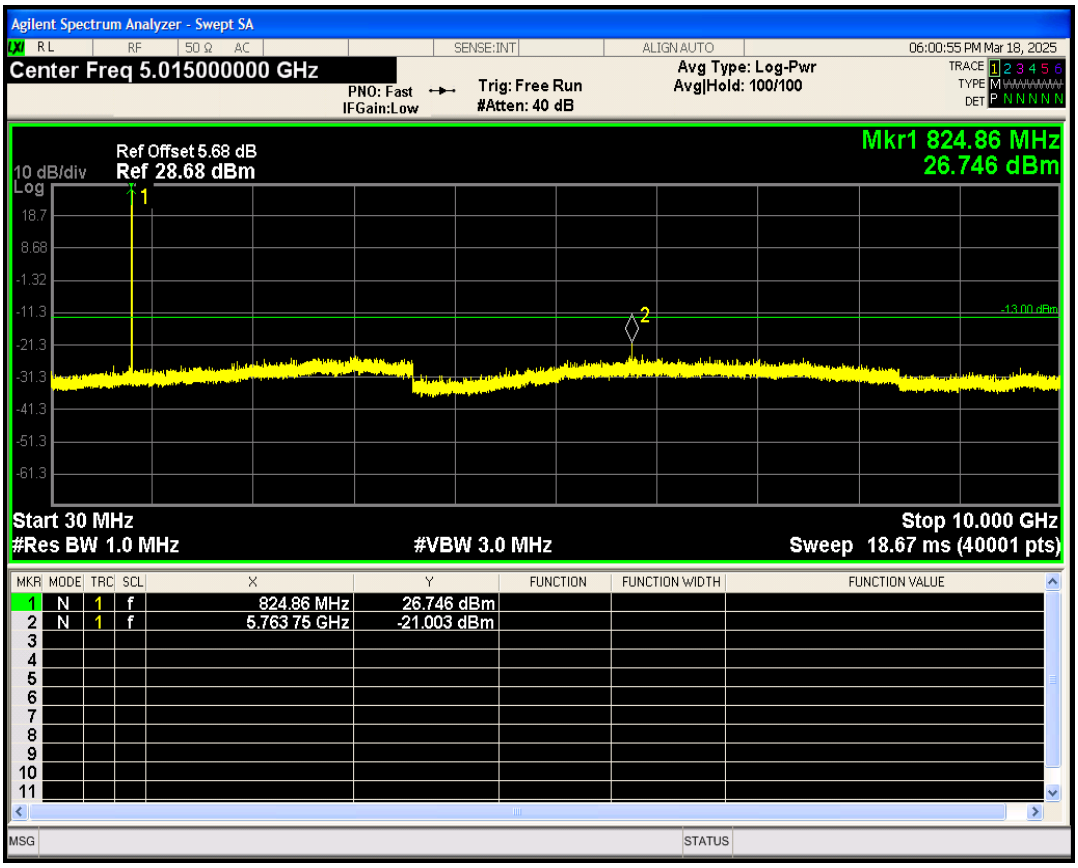
EGPRS1900 Channel=512 NVNT



EGPRS1900 Channel=810 NVNT

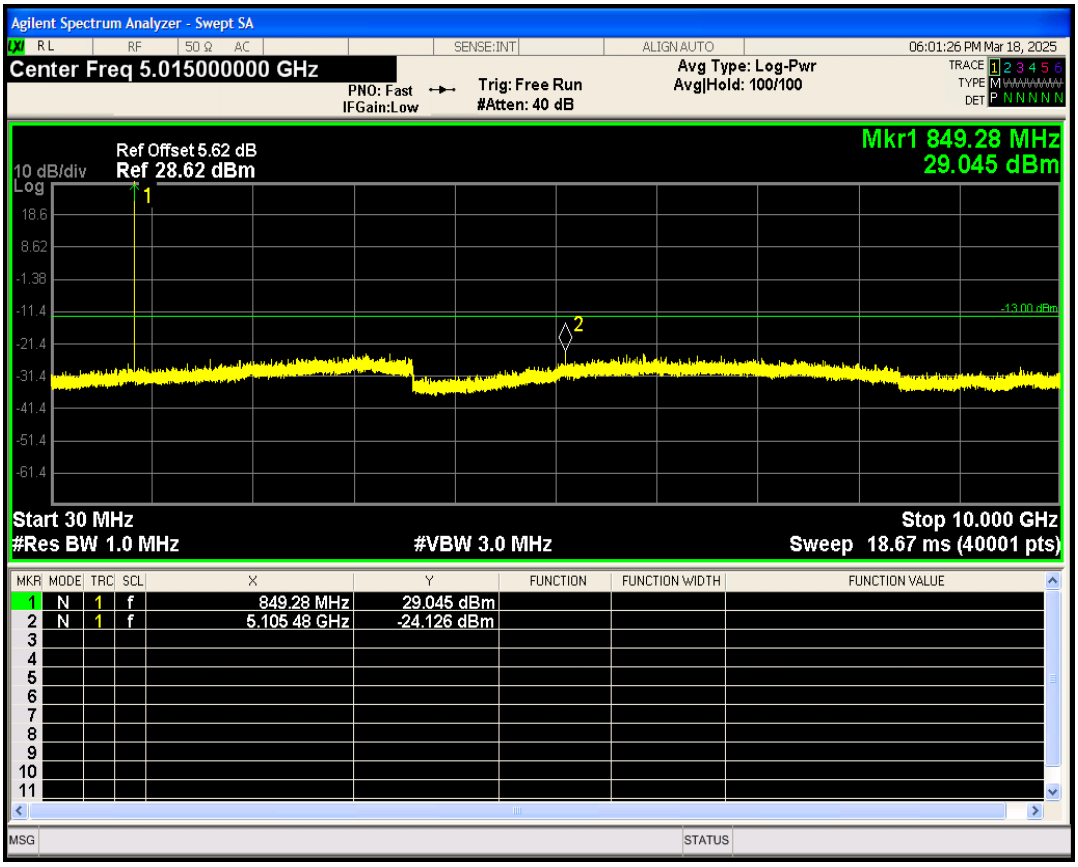
6 Out-of-band emissions

Condition	Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
NVNT	EGPRS850	128	824.2	5763.75	-21.00	-13	PASS
NVNT	EGPRS850	190	836.6	5742.81	-14.36	-13	PASS
NVNT	EGPRS850	251	848.8	5105.48	-24.12	-13	PASS
NVNT	EGPRS1900	512	1850.2	19328.51	-23.62	-13	PASS
NVNT	EGPRS1900	661	1880	19899.65	-23.89	-13	PASS
NVNT	EGPRS1900	810	1909.8	17082.88	-24.02	-13	PASS

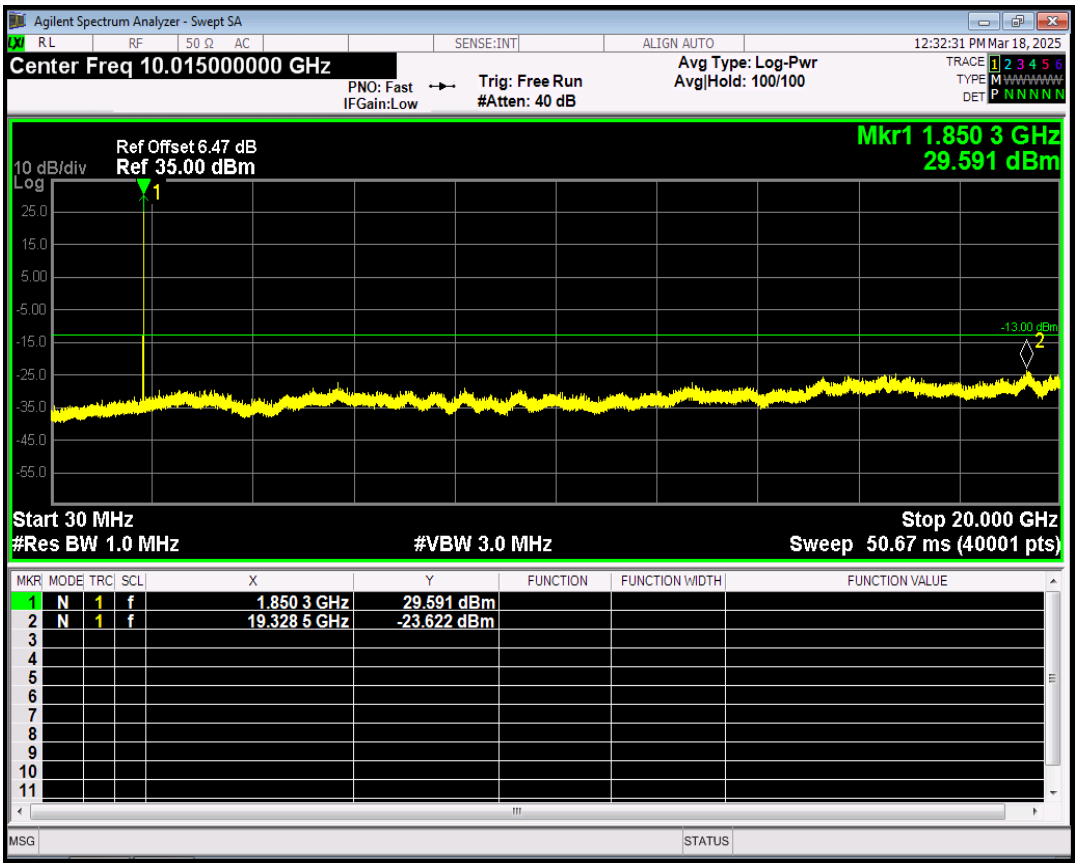


EGPRS850 Channel=128 NVNT

EGPRS850 Channel=190 NVNT



EGPRS850 Channel=251 NVNT



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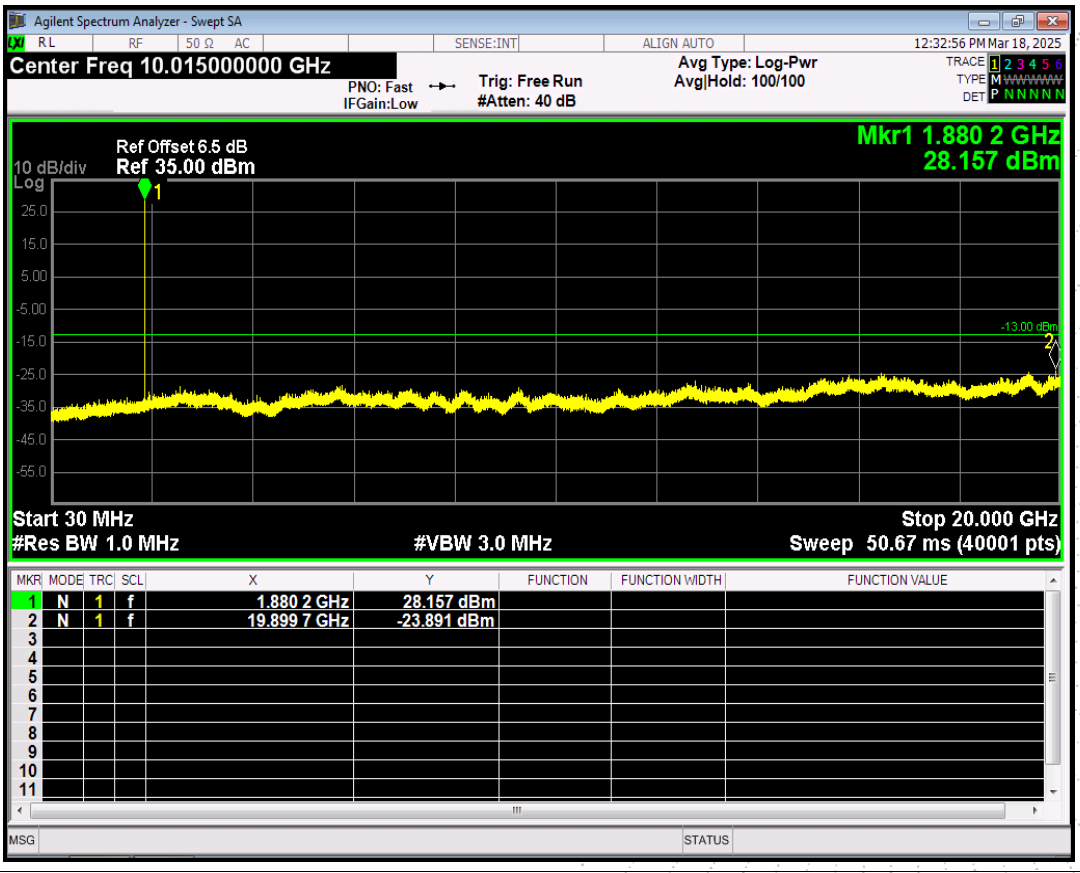
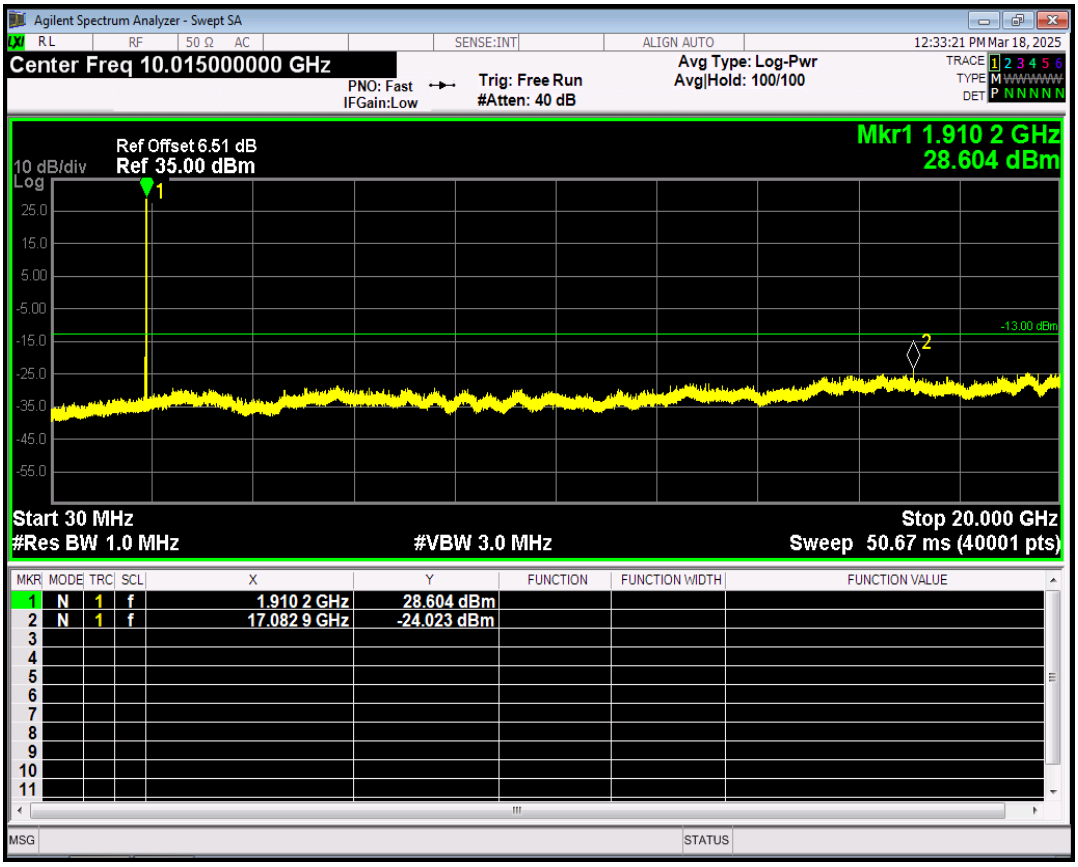


EGPRS1900 Channel=661 NVNT



EGPRS1900 Channel=810 NVNT