Appendix for GSM

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.

Contents

01 Conducted output power

Condition	Band	Channel	Frequency (MHz)	Power (dBm)	Verdict
NVNT	GSM850	128	824.2	33.13	PASS
NVNT	GSM850	190	836.6	33.11	PASS
NVNT	GSM850	251	848.8	33.18	PASS
NVNT	GSM1900	512	1850.2	29.96	PASS
NVNT	GSM1900	661	1880	30.02	PASS
NVNT	GSM1900	810	1909.8	29.99	PASS

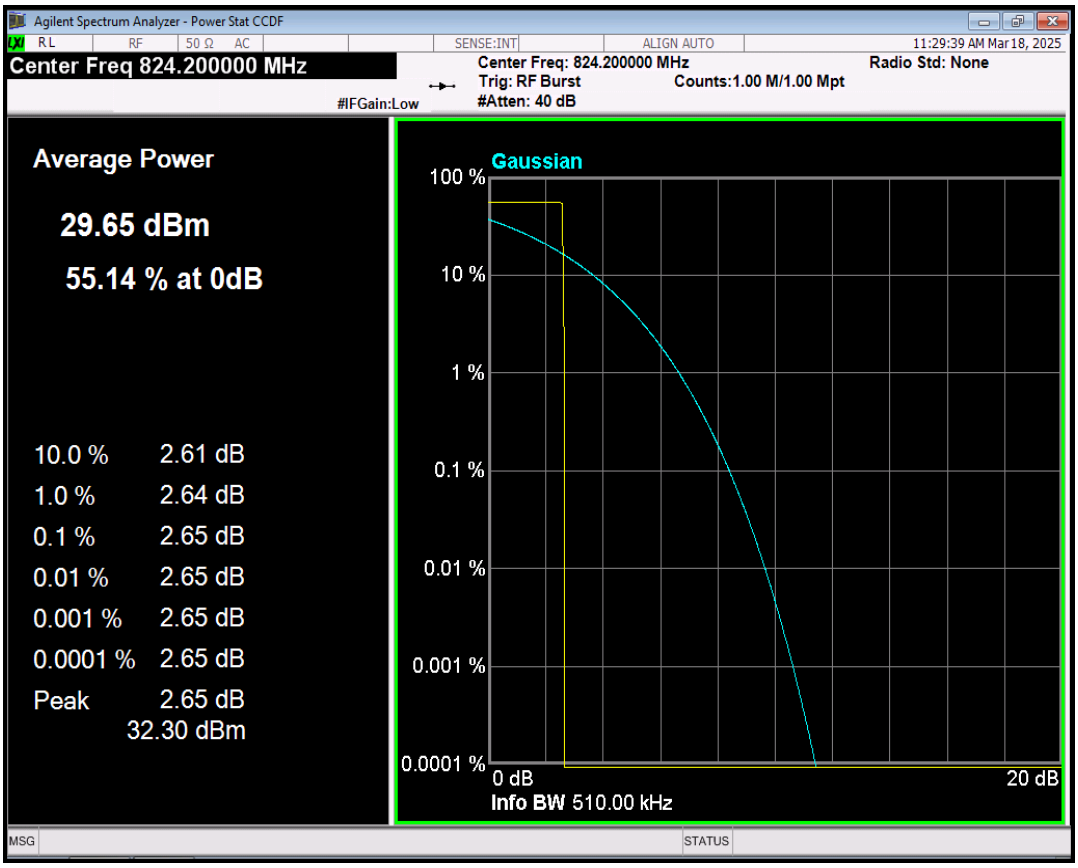
02 Frequency stability

Condition	Band	Channel	Frequency (MHz)	Voltage (Vdc)	Temperatue (C)	Result (Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
NVNT	GSM850	128	824.2	LV	NT	14.95	0.018	-2.5	2.5	PASS
NVNT	GSM850	128	824.2	NV	NT	6.30	0.008	-2.5	2.5	PASS
NVNT	GSM850	128	824.2	HV	NT	9.10	0.011	-2.5	2.5	PASS
NVNT	GSM850	190	836.6	LV	NT	12.11	0.014	-2.5	2.5	PASS
NVNT	GSM850	190	836.6	NV	NT	15.14	0.018	-2.5	2.5	PASS
NVNT	GSM850	190	836.6	HV	NT	17.21	0.021	-2.5	2.5	PASS
NVNT	GSM850	251	848.8	LV	NT	10.72	0.013	-2.5	2.5	PASS
NVNT	GSM850	251	848.8	NV	NT	10.59	0.012	-2.5	2.5	PASS
NVNT	GSM850	251	848.8	HV	NT	12.46	0.015	-2.5	2.5	PASS
NVNT	GSM1900	512	1850.2	LV	NT	11.33	0.006	-2.5	2.5	PASS
NVNT	GSM1900	512	1850.2	NV	NT	24.73	0.013	-2.5	2.5	PASS
NVNT	GSM1900	512	1850.2	HV	NT	23.89	0.013	-2.5	2.5	PASS
NVNT	GSM1900	661	1880	LV	NT	4.75	0.003	-2.5	2.5	PASS
NVNT	GSM1900	661	1880	NV	NT	30.12	0.016	-2.5	2.5	PASS
NVNT	GSM1900	661	1880	HV	NT	17.72	0.009	-2.5	2.5	PASS
NVNT	GSM1900	810	1909.8	LV	NT	8.56	0.004	-2.5	2.5	PASS
NVNT	GSM1900	810	1909.8	NV	NT	15.24	0.008	-2.5	2.5	PASS
NVNT	GSM1900	810	1909.8	HV	NT	20.70	0.011	-2.5	2.5	PASS
NVNT	GSM850	128	824.2	NV	-30	7.52	0.009	-2.5	2.5	PASS
NVNT	GSM850	128	824.2	NV	-20	11.14	0.014	-2.5	2.5	PASS
NVNT	GSM850	128	824.2	NV	0	13.04	0.016	-2.5	2.5	PASS
NVNT	GSM850	128	824.2	NV	10	7.07	0.009	-2.5	2.5	PASS
NVNT	GSM850	128	824.2	NV	20	5.88	0.007	-2.5	2.5	PASS
NVNT	GSM850	128	824.2	NV	30	5.88	0.007	-2.5	2.5	PASS
NVNT	GSM850	128	824.2	NV	40	9.36	0.011	-2.5	2.5	PASS
NVNT	GSM850	128	824.2	NV	50	11.17	0.014	-2.5	2.5	PASS
NVNT	GSM850	190	836.6	NV	-30	13.14	0.016	-2.5	2.5	PASS
NVNT	GSM850	190	836.6	NV	-20	4.75	0.006	-2.5	2.5	PASS
NVNT	GSM850	190	836.6	NV	0	3.55	0.004	-2.5	2.5	PASS
NVNT	GSM850	190	836.6	NV	10	8.10	0.010	-2.5	2.5	PASS
NVNT	GSM850	190	836.6	NV	20	7.14	0.009	-2.5	2.5	PASS
NVNT	GSM850	190	836.6	NV	30	6.46	0.008	-2.5	2.5	PASS
NVNT	GSM850	190	836.6	NV	40	6.39	0.008	-2.5	2.5	PASS
NVNT	GSM850	190	836.6	NV	50	9.52	0.011	-2.5	2.5	PASS
NVNT	GSM850	251	848.8	NV	-30	2.42	0.003	-2.5	2.5	PASS
NVNT	GSM850	251	848.8	NV	-20	17.63	0.021	-2.5	2.5	PASS
NVNT	GSM850	251	848.8	NV	0	5.33	0.006	-2.5	2.5	PASS

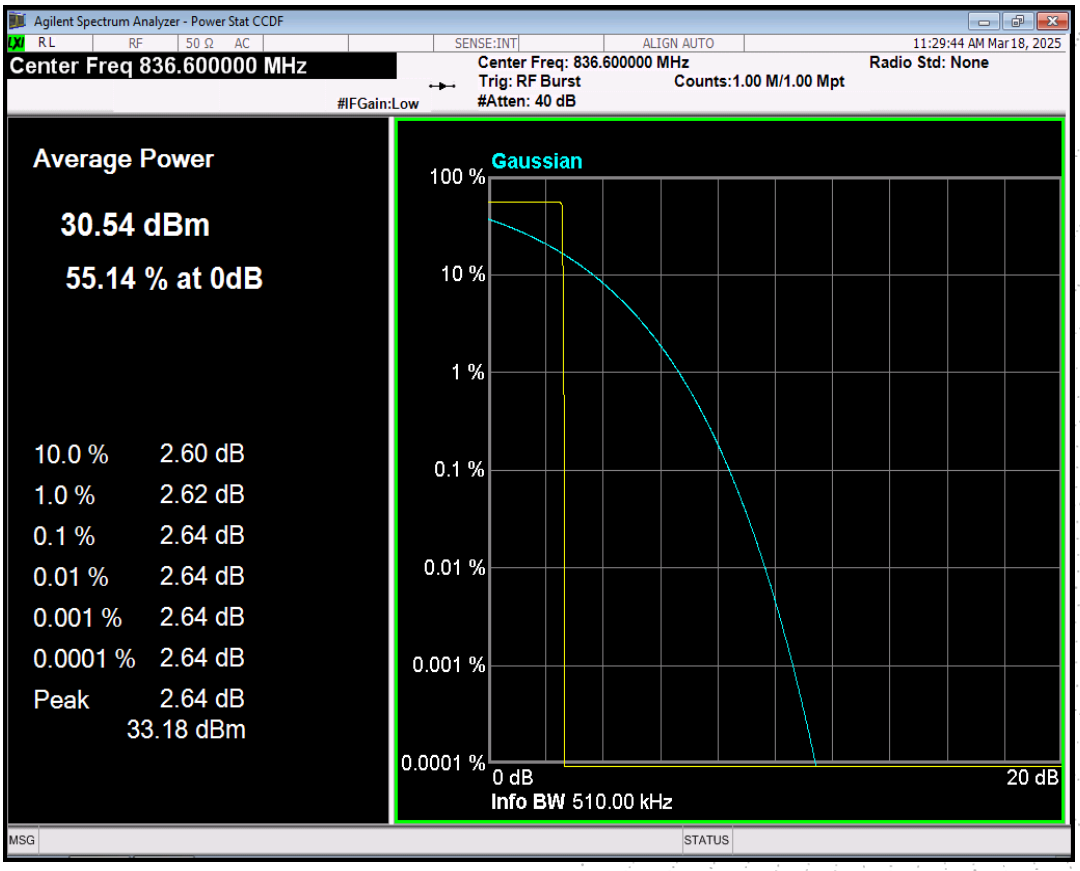
NVNT	GSM850	251	848.8	NV	10	9.91	0.012	-2.5	2.5	PASS
NVNT	GSM850	251	848.8	NV	20	11.11	0.013	-2.5	2.5	PASS
NVNT	GSM850	251	848.8	NV	30	4.07	0.005	-2.5	2.5	PASS
NVNT	GSM850	251	848.8	NV	40	5.68	0.007	-2.5	2.5	PASS
NVNT	GSM850	251	848.8	NV	50	16.43	0.019	-2.5	2.5	PASS
NVNT	GSM1900	512	1850.2	NV	-30	-0.58	0.000	-2.5	2.5	PASS
NVNT	GSM1900	512	1850.2	NV	-20	8.30	0.004	-2.5	2.5	PASS
NVNT	GSM1900	512	1850.2	NV	0	14.69	0.008	-2.5	2.5	PASS
NVNT	GSM1900	512	1850.2	NV	10	12.59	0.007	-2.5	2.5	PASS
NVNT	GSM1900	512	1850.2	NV	20	6.23	0.003	-2.5	2.5	PASS
NVNT	GSM1900	512	1850.2	NV	30	27.83	0.015	-2.5	2.5	PASS
NVNT	GSM1900	512	1850.2	NV	40	20.47	0.011	-2.5	2.5	PASS
NVNT	GSM1900	512	1850.2	NV	50	2.49	0.001	-2.5	2.5	PASS
NVNT	GSM1900	661	1880	NV	-30	12.85	0.007	-2.5	2.5	PASS
NVNT	GSM1900	661	1880	NV	-20	15.56	0.008	-2.5	2.5	PASS
NVNT	GSM1900	661	1880	NV	0	17.21	0.009	-2.5	2.5	PASS
NVNT	GSM1900	661	1880	NV	10	4.78	0.003	-2.5	2.5	PASS
NVNT	GSM1900	661	1880	NV	20	-3.16	-0.002	-2.5	2.5	PASS
NVNT	GSM1900	661	1880	NV	30	33.13	0.018	-2.5	2.5	PASS
NVNT	GSM1900	661	1880	NV	40	8.88	0.005	-2.5	2.5	PASS
NVNT	GSM1900	661	1880	NV	50	21.05	0.011	-2.5	2.5	PASS
NVNT	GSM1900	810	1909.8	NV	-30	9.46	0.005	-2.5	2.5	PASS
NVNT	GSM1900	810	1909.8	NV	-20	18.95	0.010	-2.5	2.5	PASS
NVNT	GSM1900	810	1909.8	NV	0	13.37	0.007	-2.5	2.5	PASS
NVNT	GSM1900	810	1909.8	NV	10	20.79	0.011	-2.5	2.5	PASS
NVNT	GSM1900	810	1909.8	NV	20	8.59	0.004	-2.5	2.5	PASS
NVNT	GSM1900	810	1909.8	NV	30	2.13	0.001	-2.5	2.5	PASS
NVNT	GSM1900	810	1909.8	NV	40	12.95	0.007	-2.5	2.5	PASS
NVNT	GSM1900	810	1909.8	NV	50	19.89	0.010	-2.5	2.5	PASS

03 Peak-to-Average Ratio

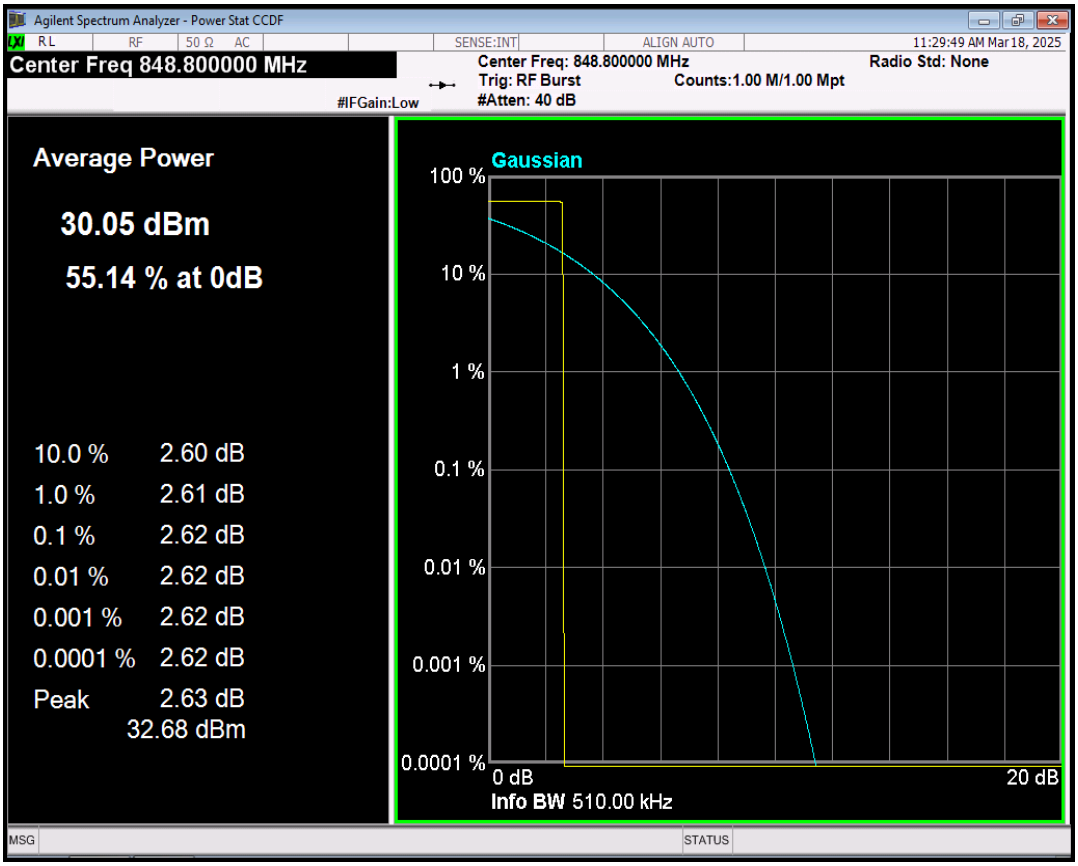
Condition	Band	Channel	Frequency (MHz)	Result (dB)	high Limit (dB)	Verdict
NVNT	GSM850	128	824.2	2.65	13	PASS
NVNT	GSM850	190	836.6	2.64	13	PASS
NVNT	GSM850	251	848.8	2.62	13	PASS
NVNT	GSM1900	512	1850.2	2.68	13	PASS
NVNT	GSM1900	661	1880	2.65	13	PASS
NVNT	GSM1900	810	1909.8	2.64	13	PASS



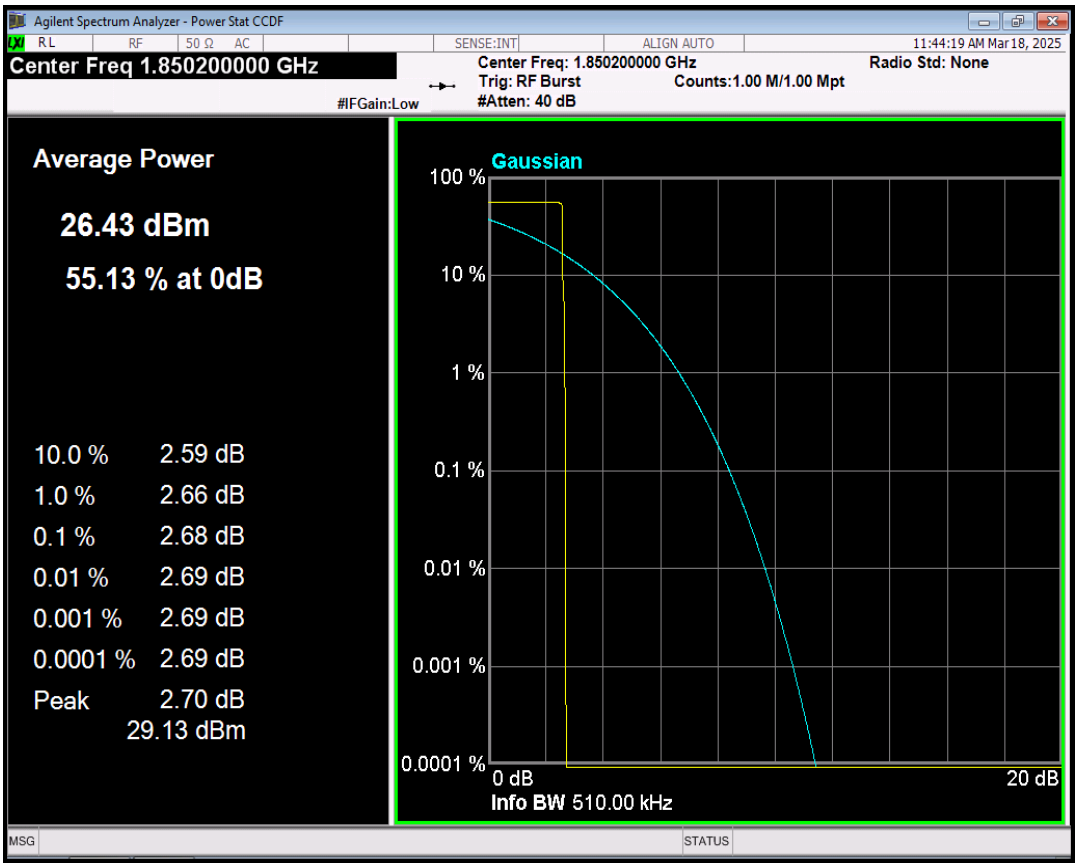
GSM850 Channel=128 NVNT



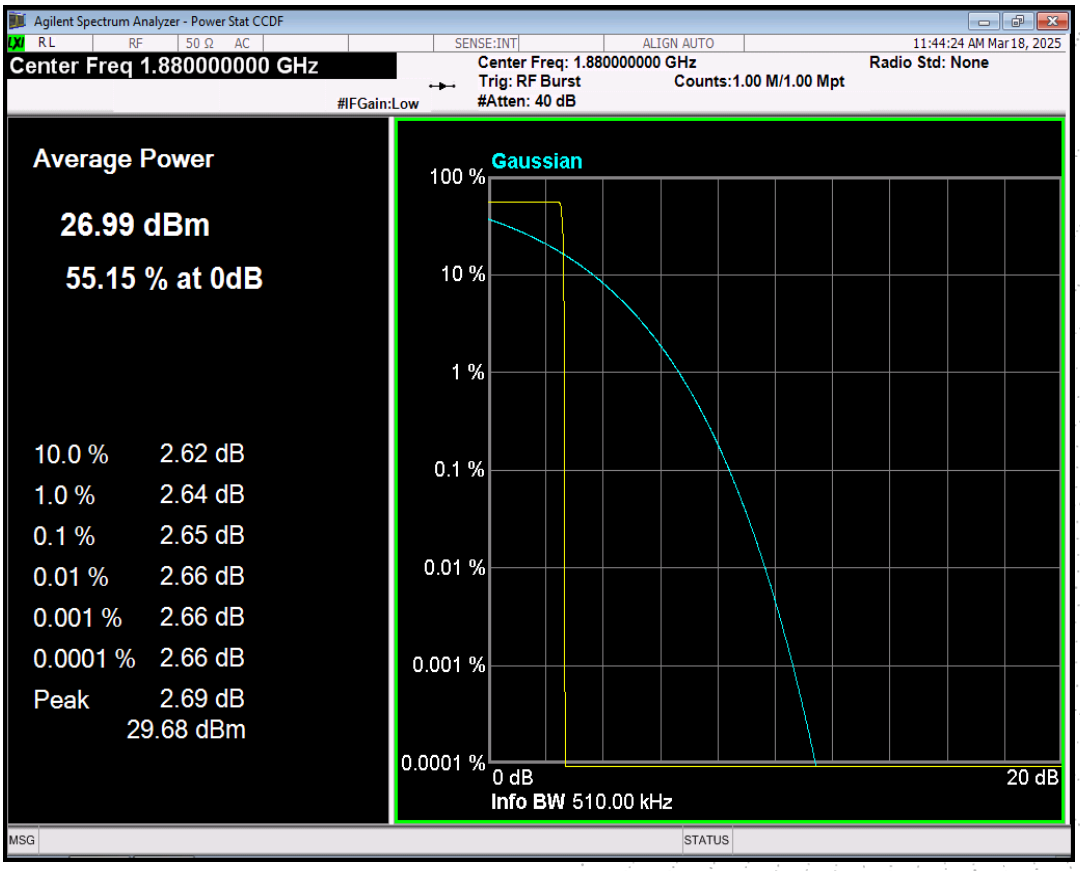
GSM850 Channel=190 NVNT



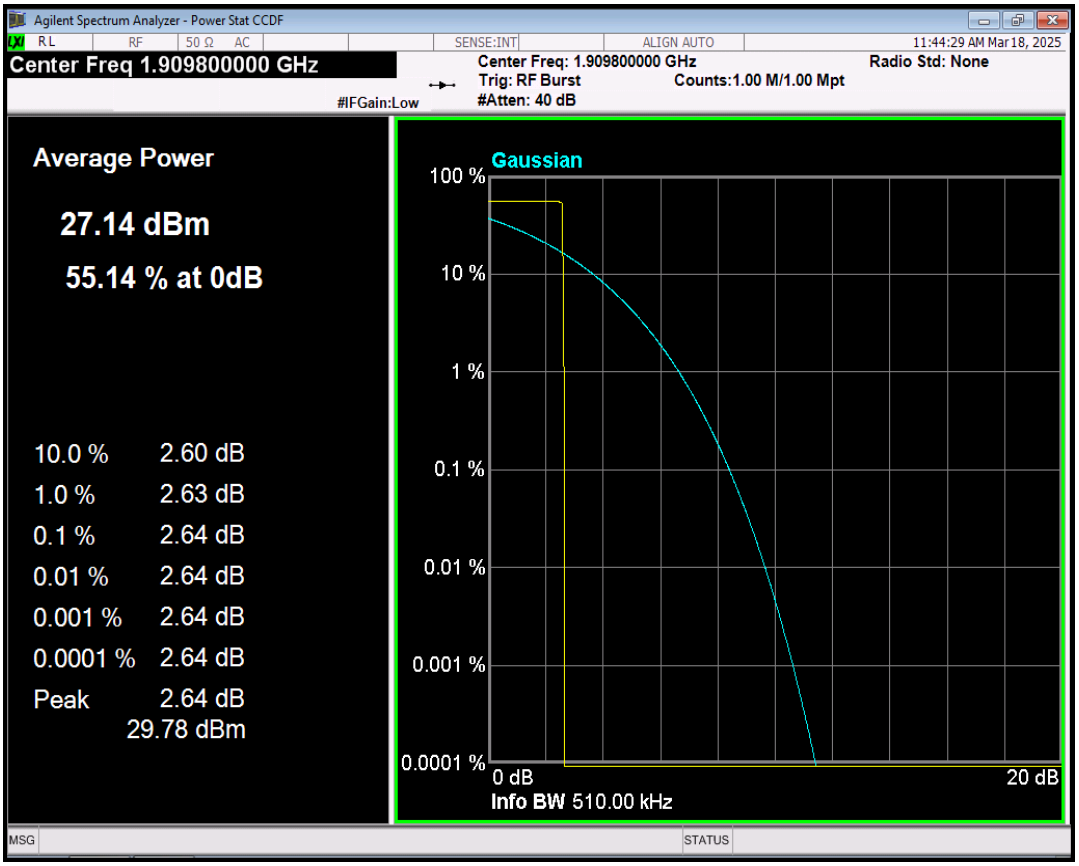
GSM850 Channel=251 NVNT



GSM1900 Channel=512 NVNT



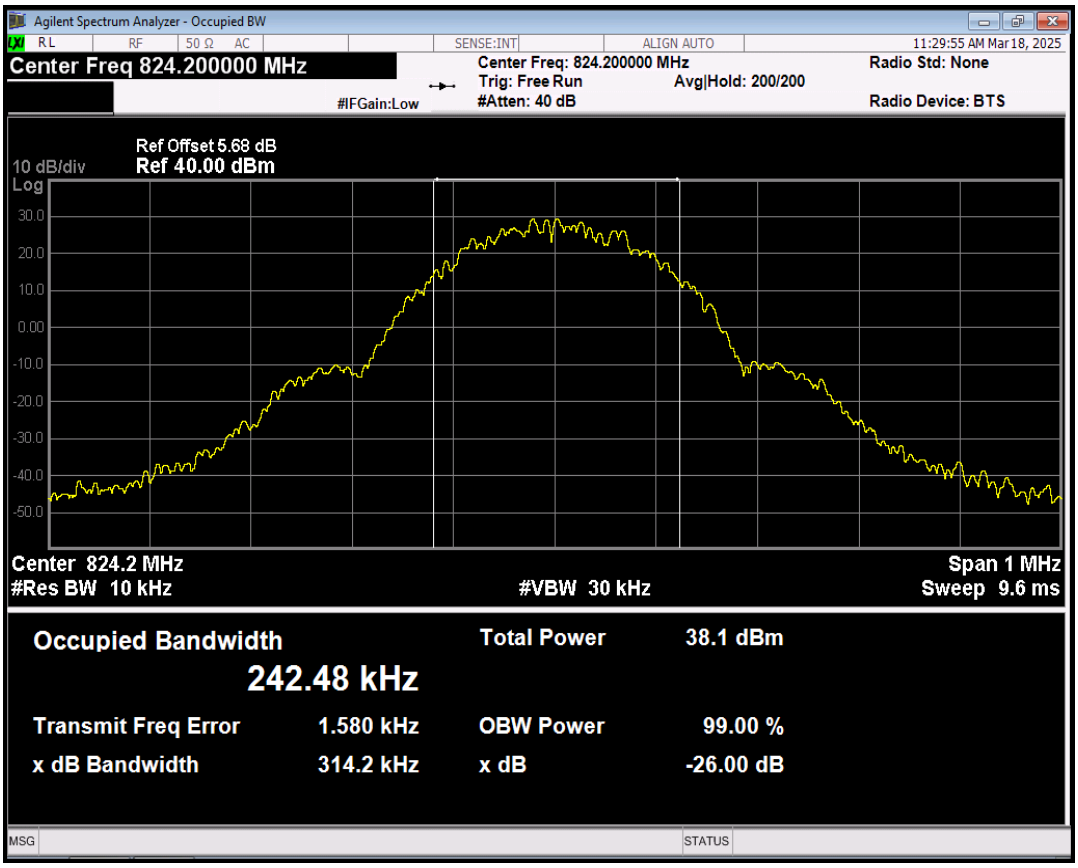
GSM1900 Channel=661 NVNT



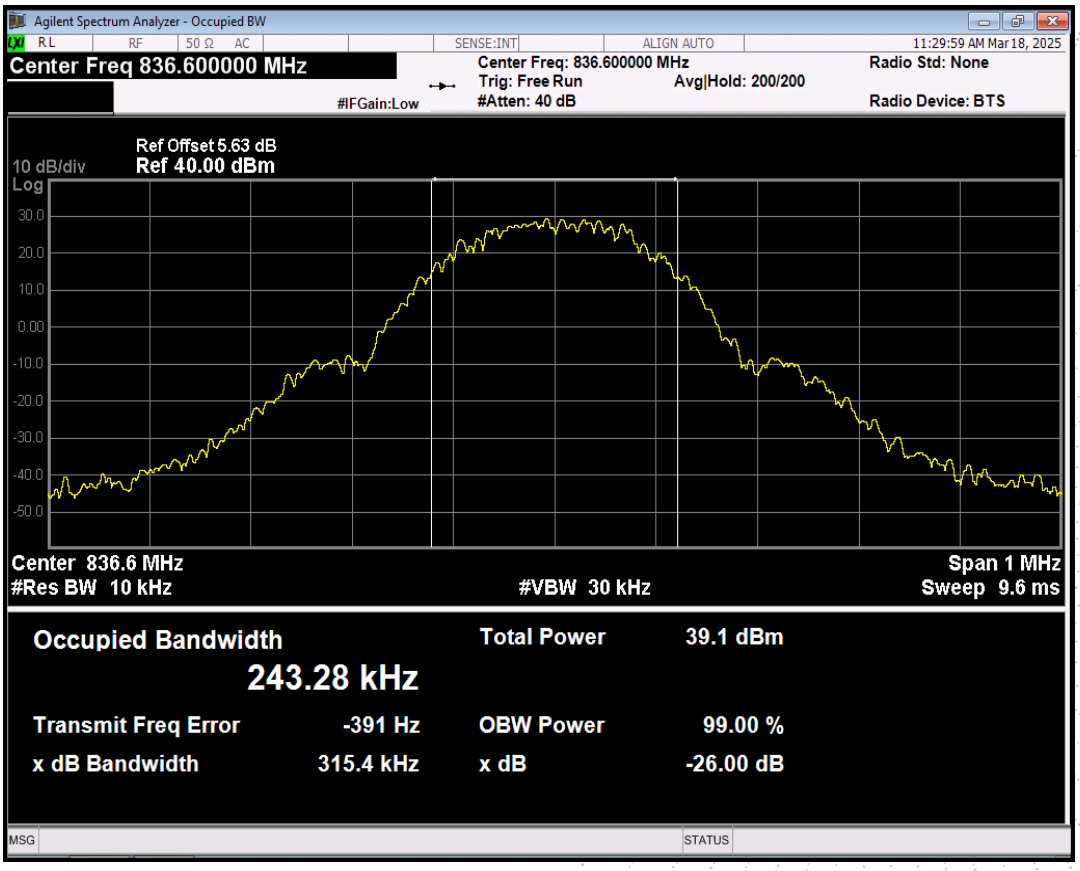
GSM1900 Channel=810 NVNT

04 Occupied bandwidth

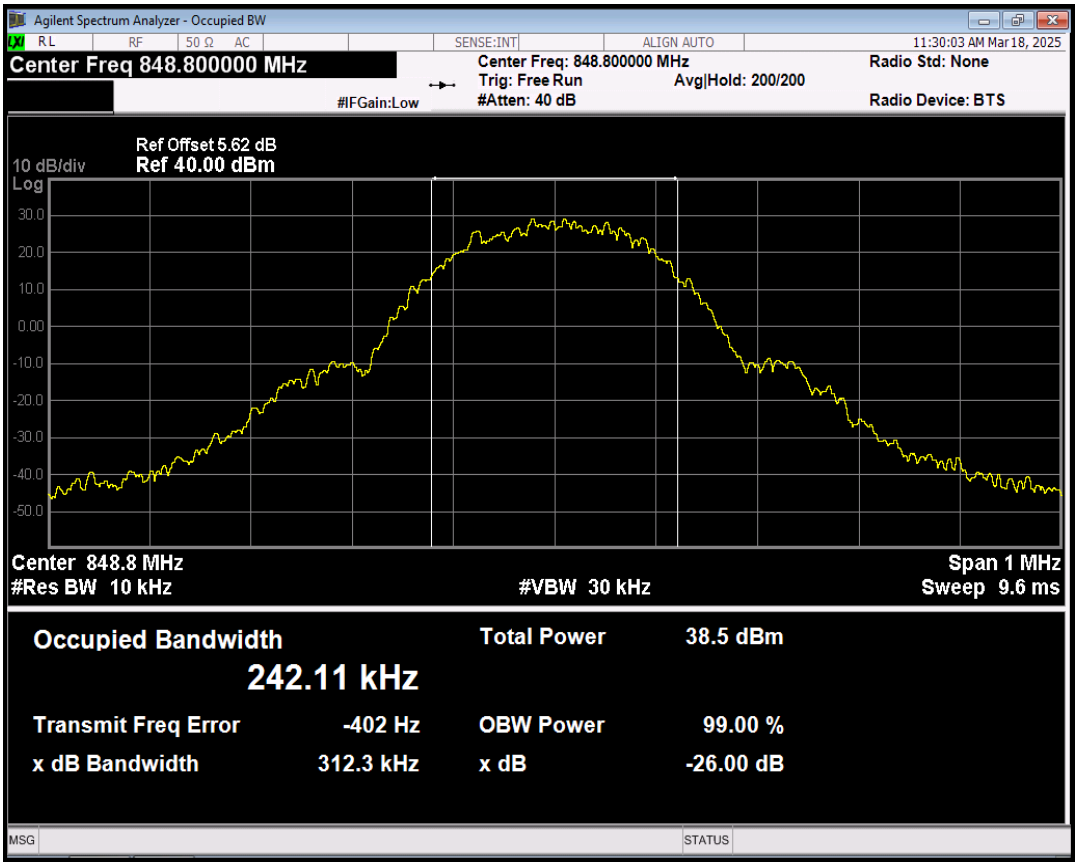
Condition	Band	Channel	Frequency (MHz)	99% OBW (kHz)	-26dB EBW (kHz)	Verdict
NVNT	GSM850	128	824.2	242.485	314.206	PASS
NVNT	GSM850	190	836.6	243.276	315.381	PASS
NVNT	GSM850	251	848.8	242.109	312.252	PASS
NVNT	GSM1900	512	1850.2	240.792	316.291	PASS
NVNT	GSM1900	661	1880	242.667	318.265	PASS
NVNT	GSM1900	810	1909.8	246.262	307.064	PASS



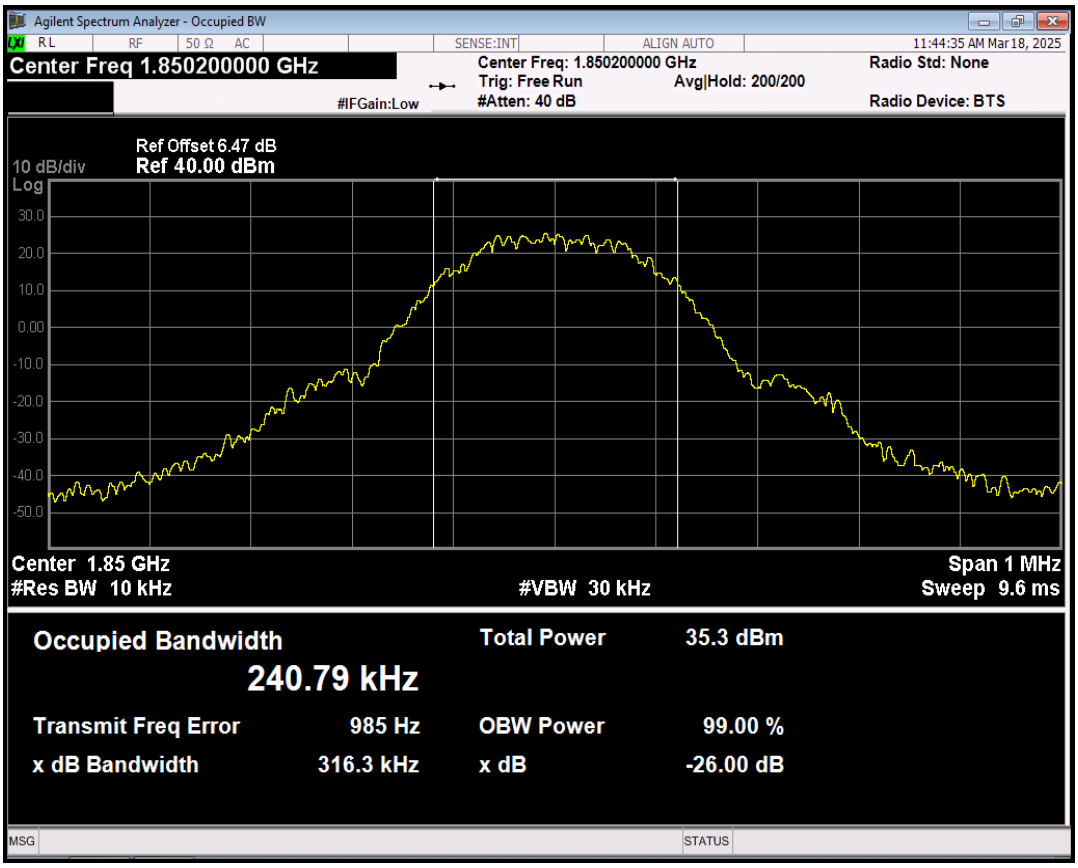
GSM850 Channel=128 NVNT



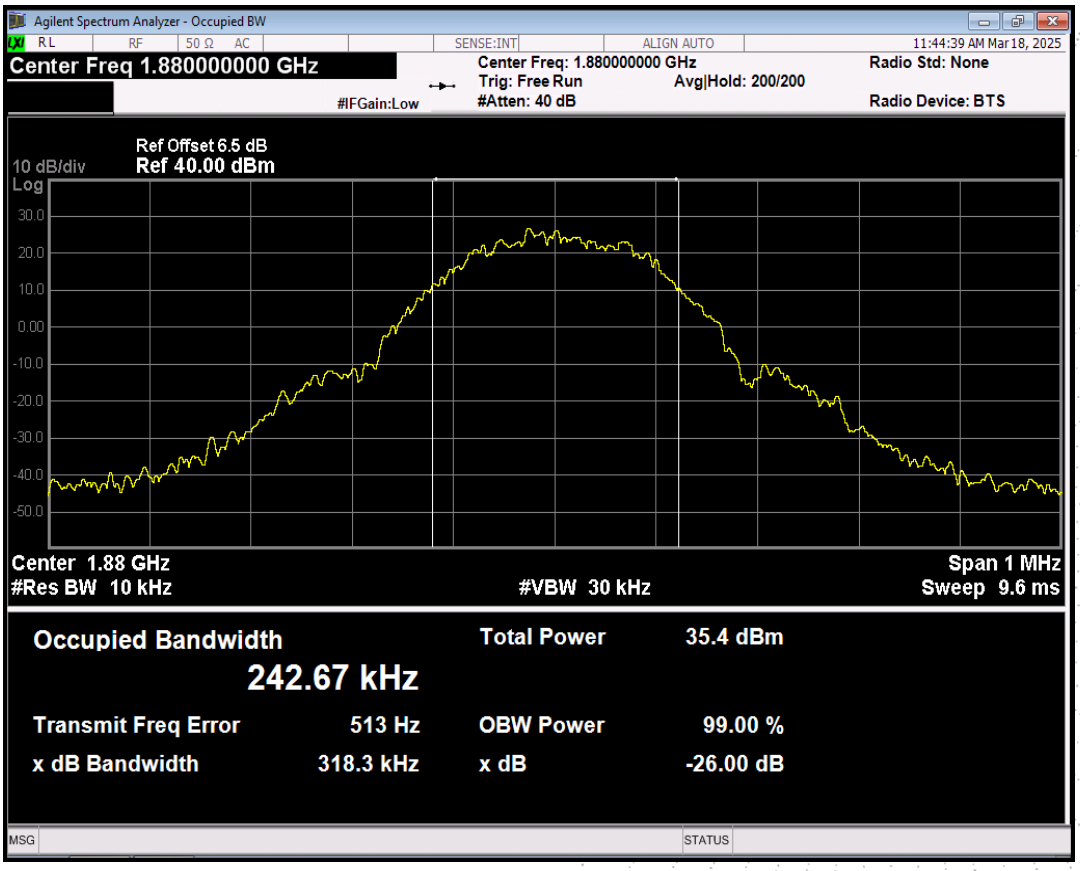
GSM850 Channel=190 NVNT



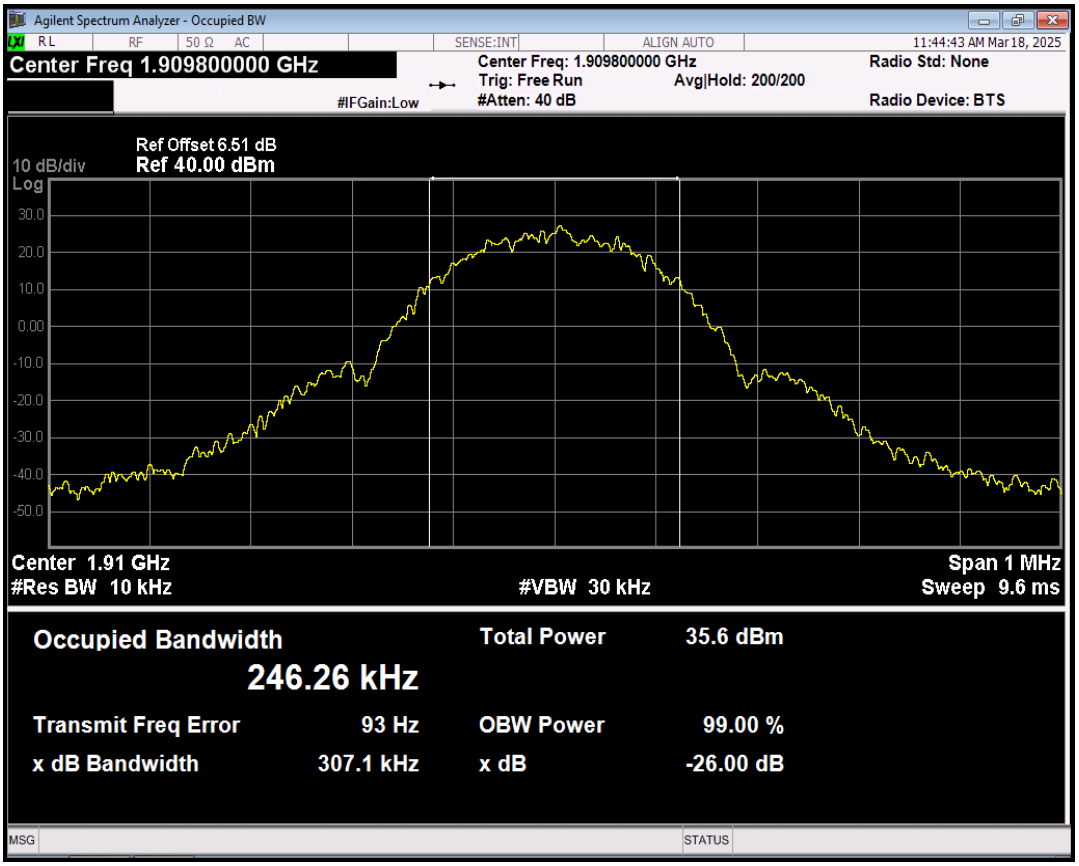
GSM850 Channel=251 NVNT



GSM1900 Channel=512 NVNT



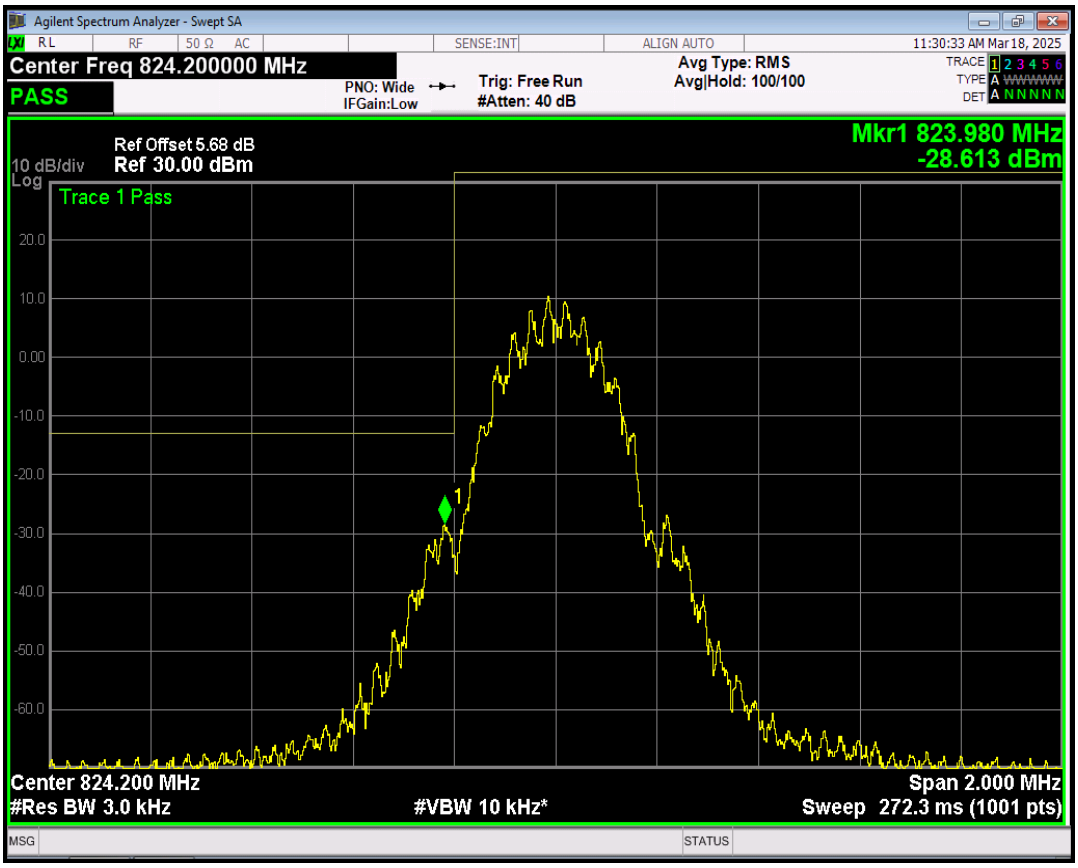
GSM1900 Channel=661 NVNT



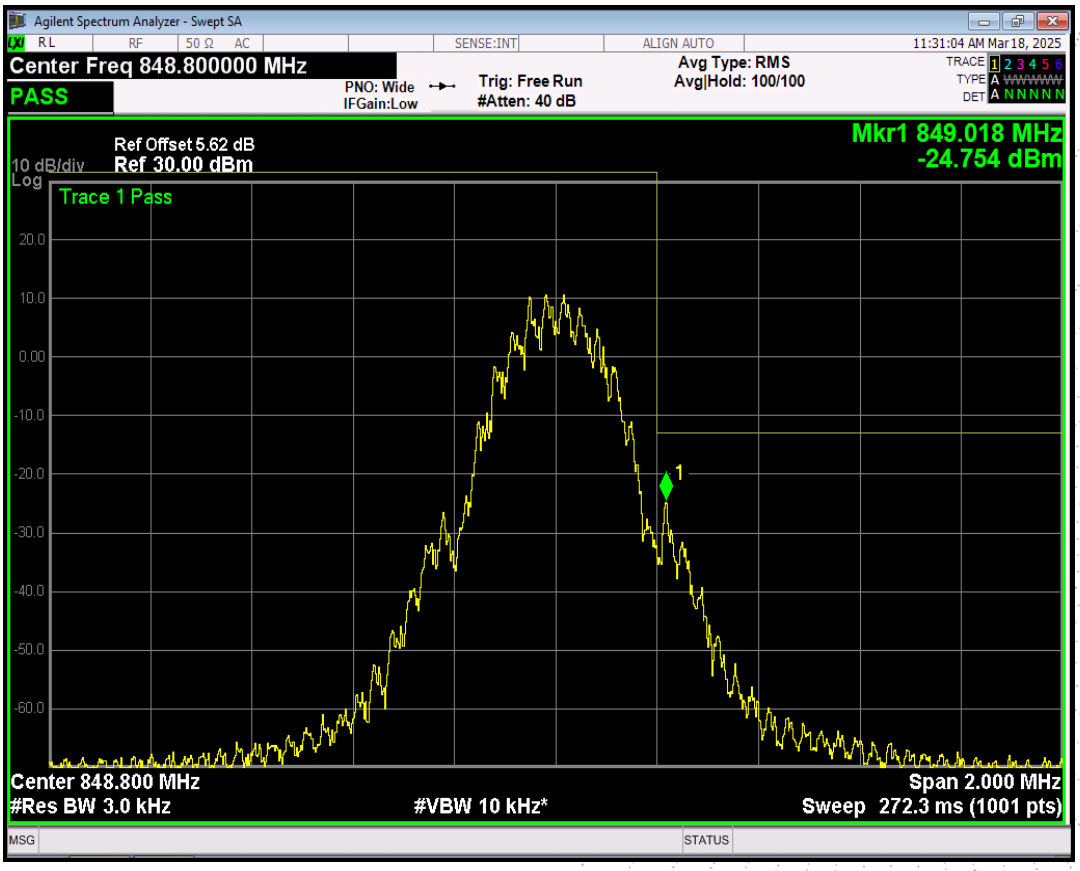
GSM1900 Channel=810 NVNT

05 Band edge

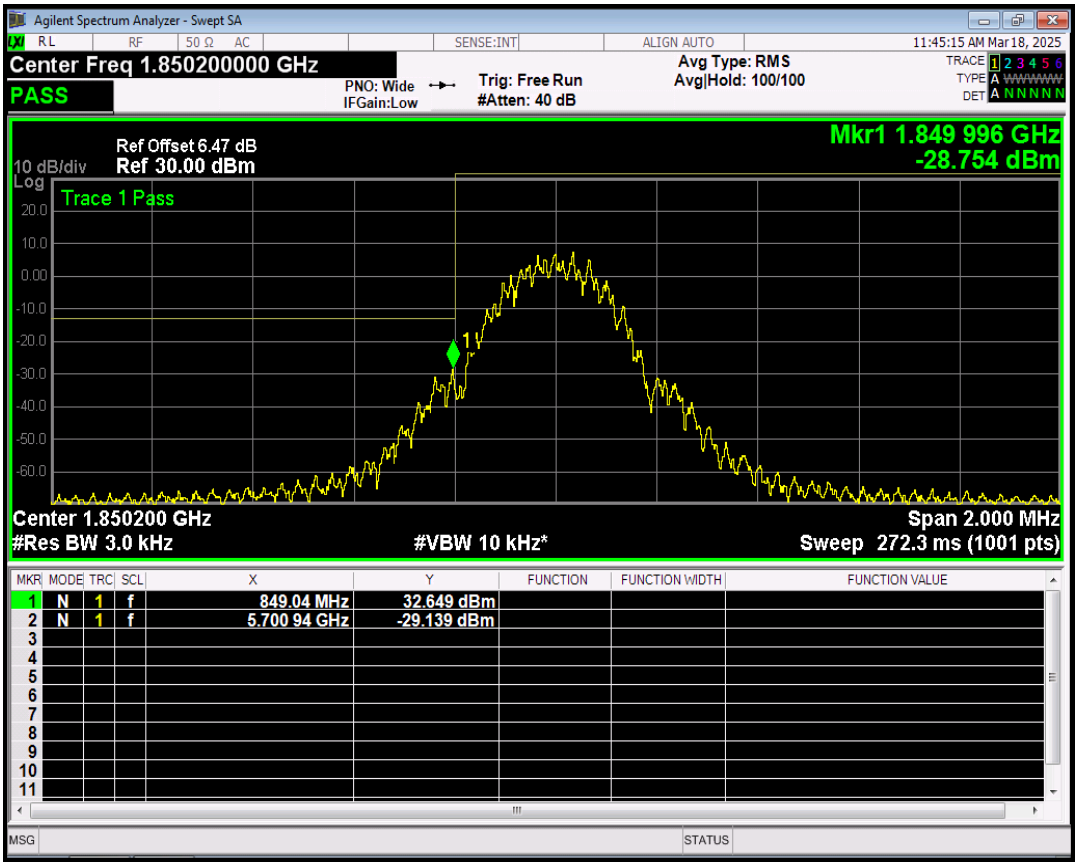
Condition	Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
NVNT	GSM850	128	824.2	823.98	-28.61	-13	PASS
NVNT	GSM850	251	848.8	849.02	-24.75	-13	PASS
NVNT	GSM1900	512	1850.2	1850.00	-28.75	-13	PASS
NVNT	GSM1900	810	1909.8	1910.02	-29.79	-13	PASS



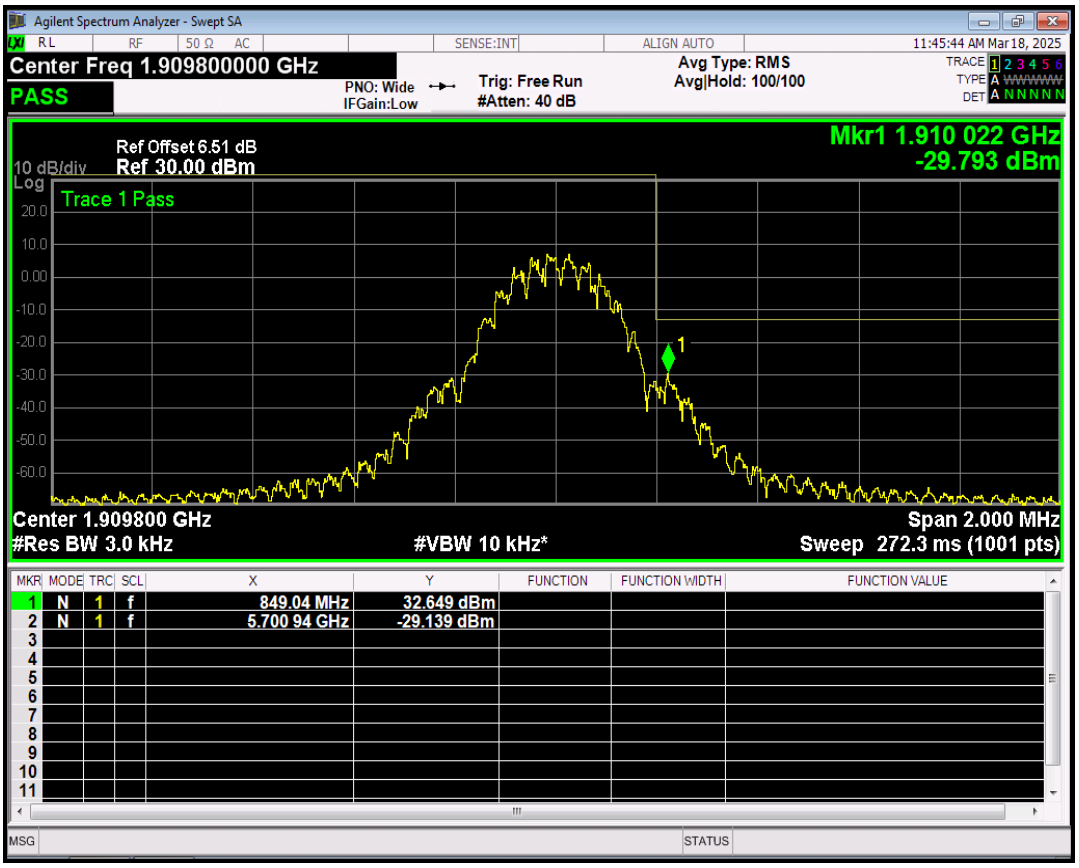
GSM850 Channel=128 NVNT



GSM850 Channel=251 NVNT



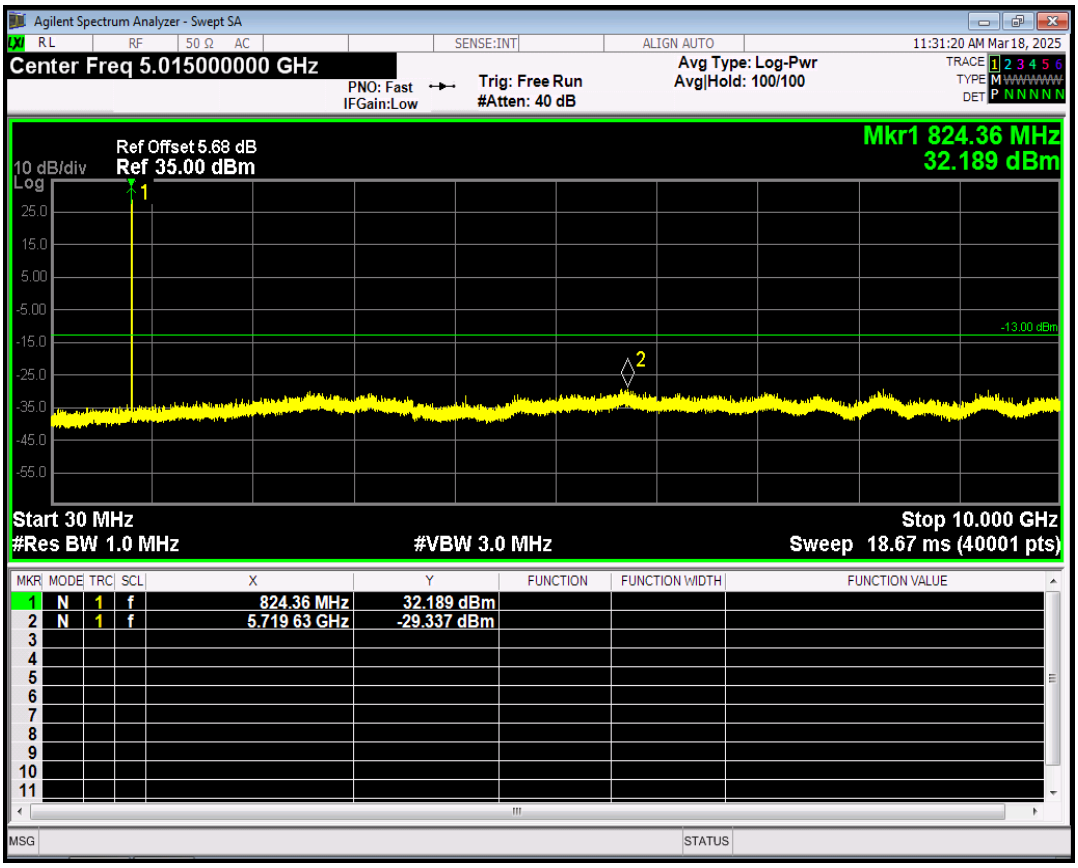
GSM1900 Channel=512 NVNT



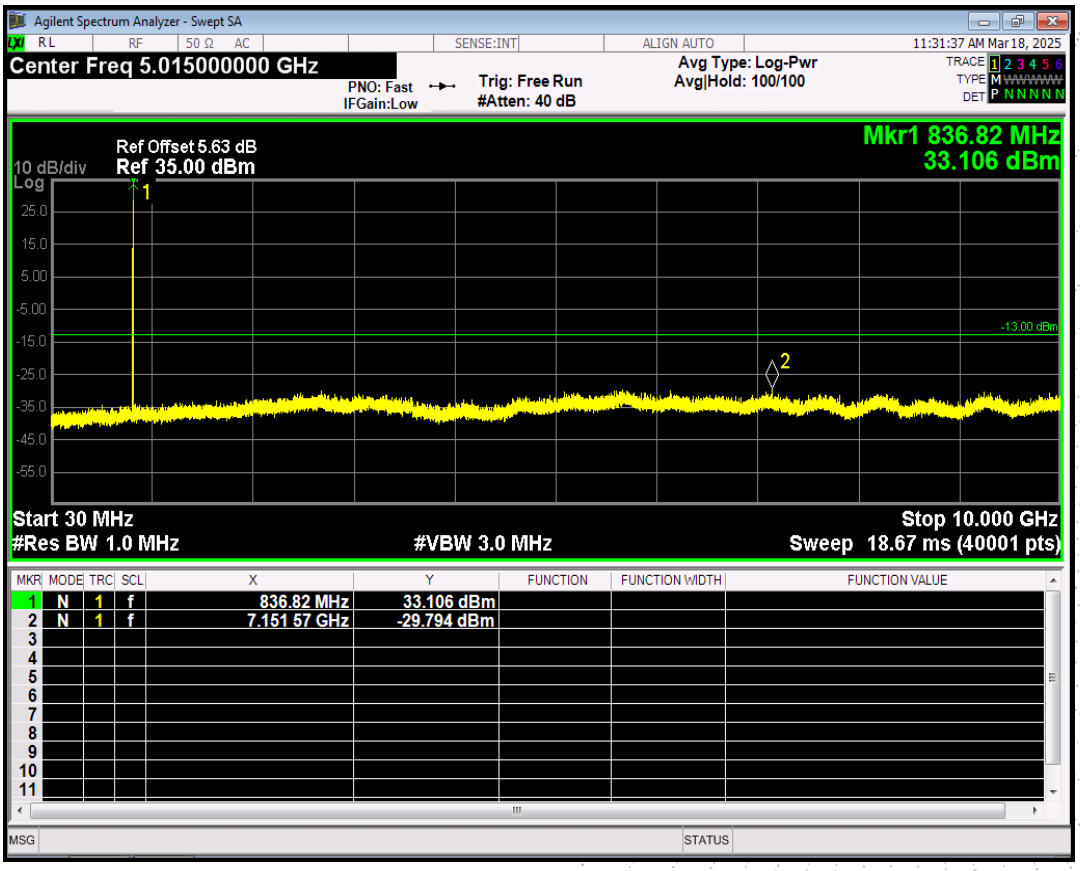
GSM1900 Channel=810 NVNT

06 Out-of-band emissions

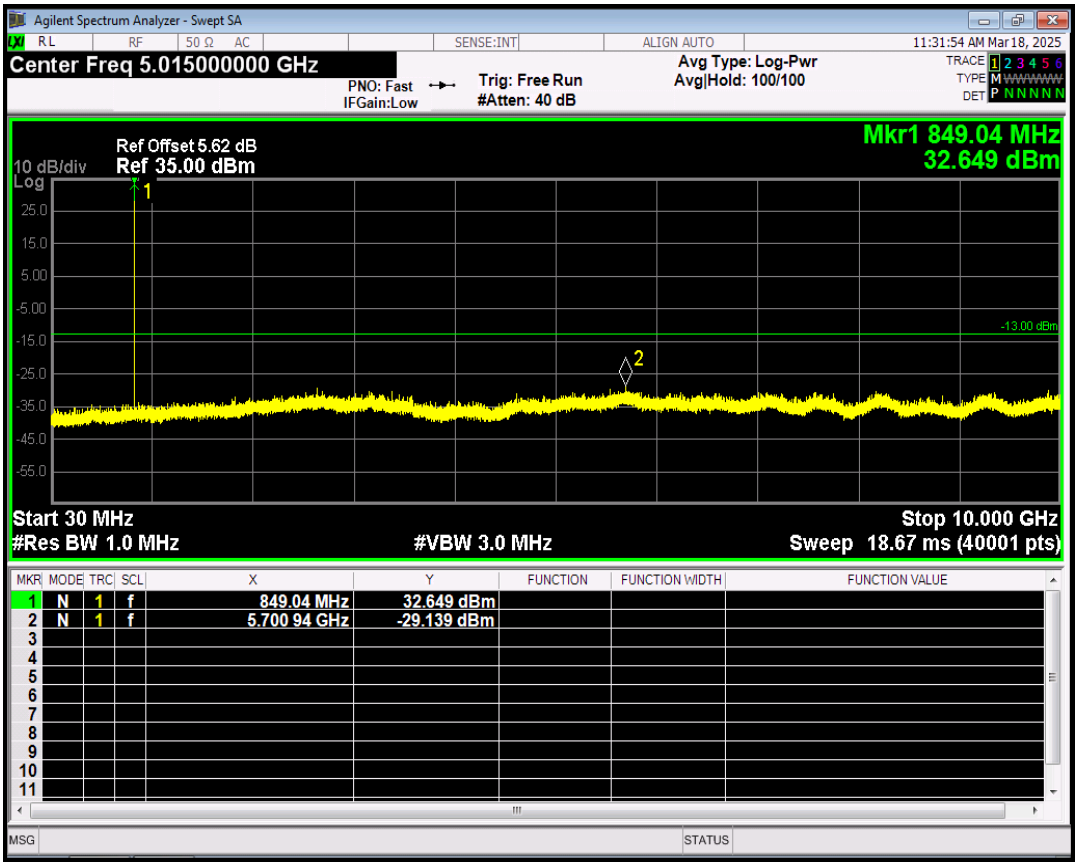
Condition	Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
NVNT	GSM850	128	824.2	5719.63	-29.33	-13	PASS
NVNT	GSM850	190	836.6	7151.57	-29.79	-13	PASS
NVNT	GSM850	251	848.8	5700.94	-29.13	-13	PASS
NVNT	GSM1900	512	1850.2	19357.47	-23.81	-13	PASS
NVNT	GSM1900	661	1880	19361.46	-24.47	-13	PASS
NVNT	GSM1900	810	1909.8	15302.56	-23.89	-13	PASS



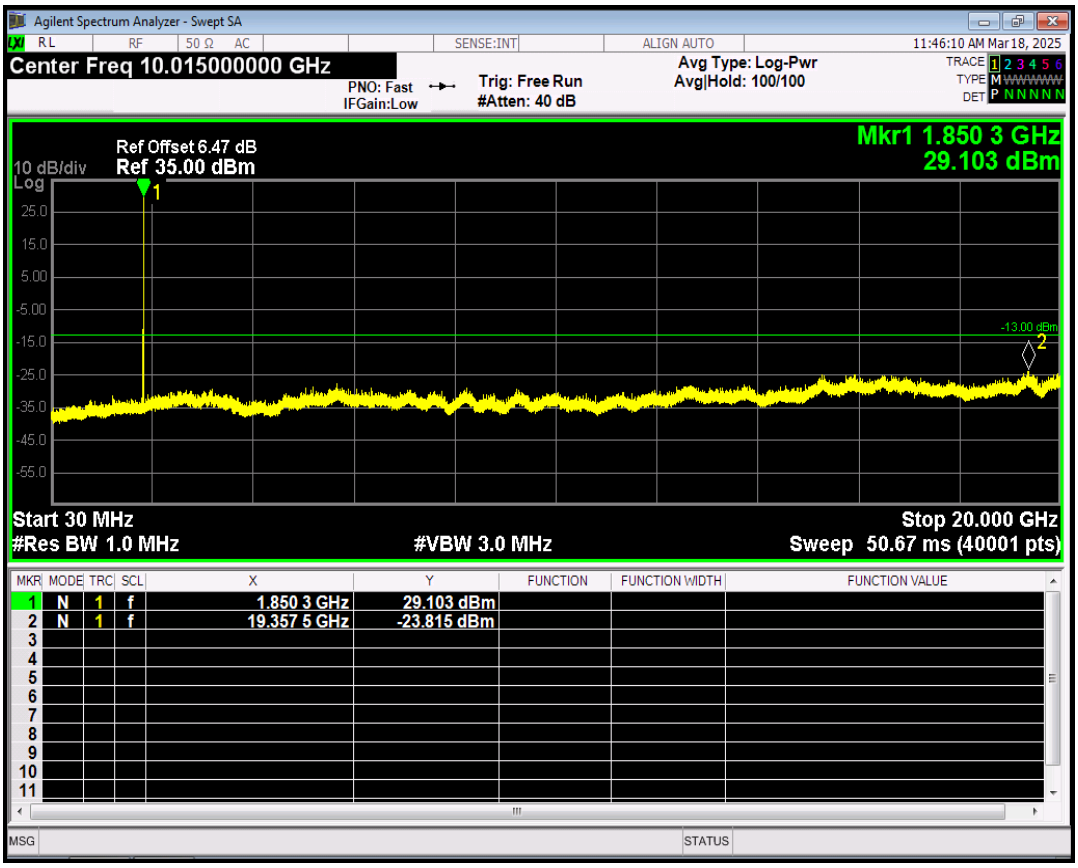
GSM850 Channel=128 NVNT



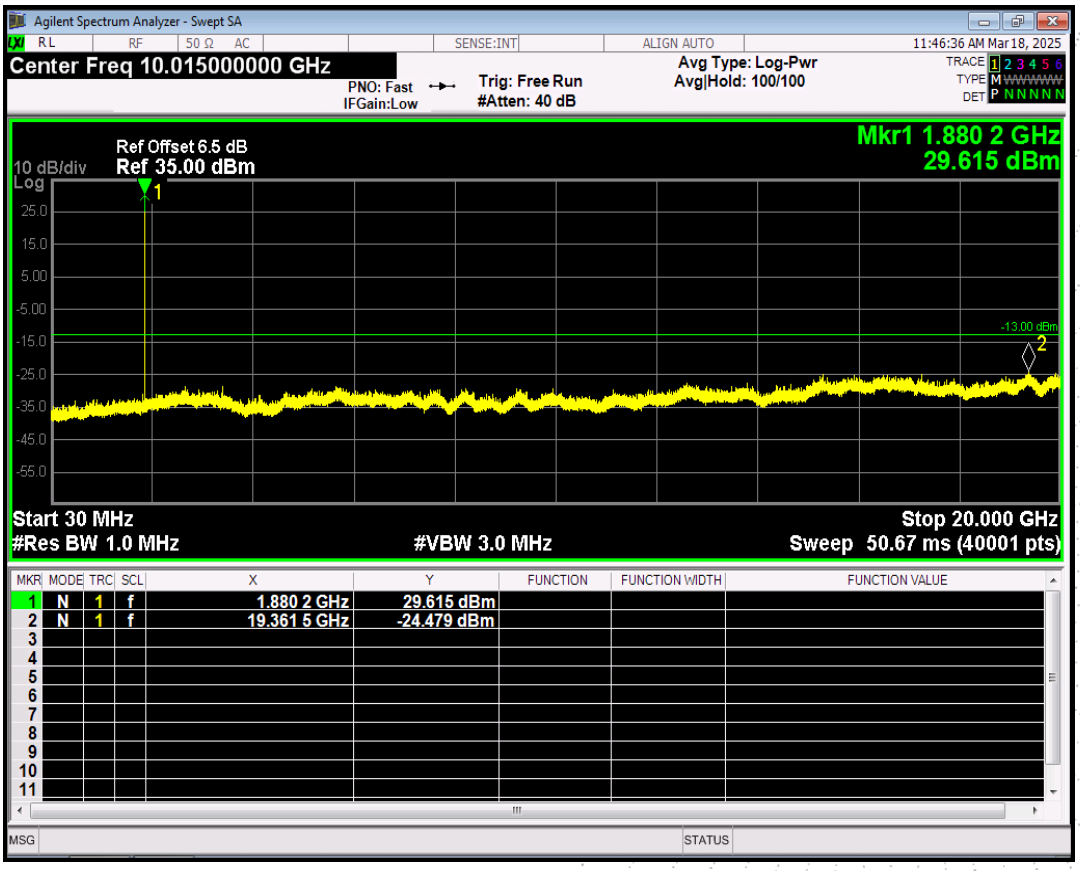
GSM850 Channel=190 NVNT



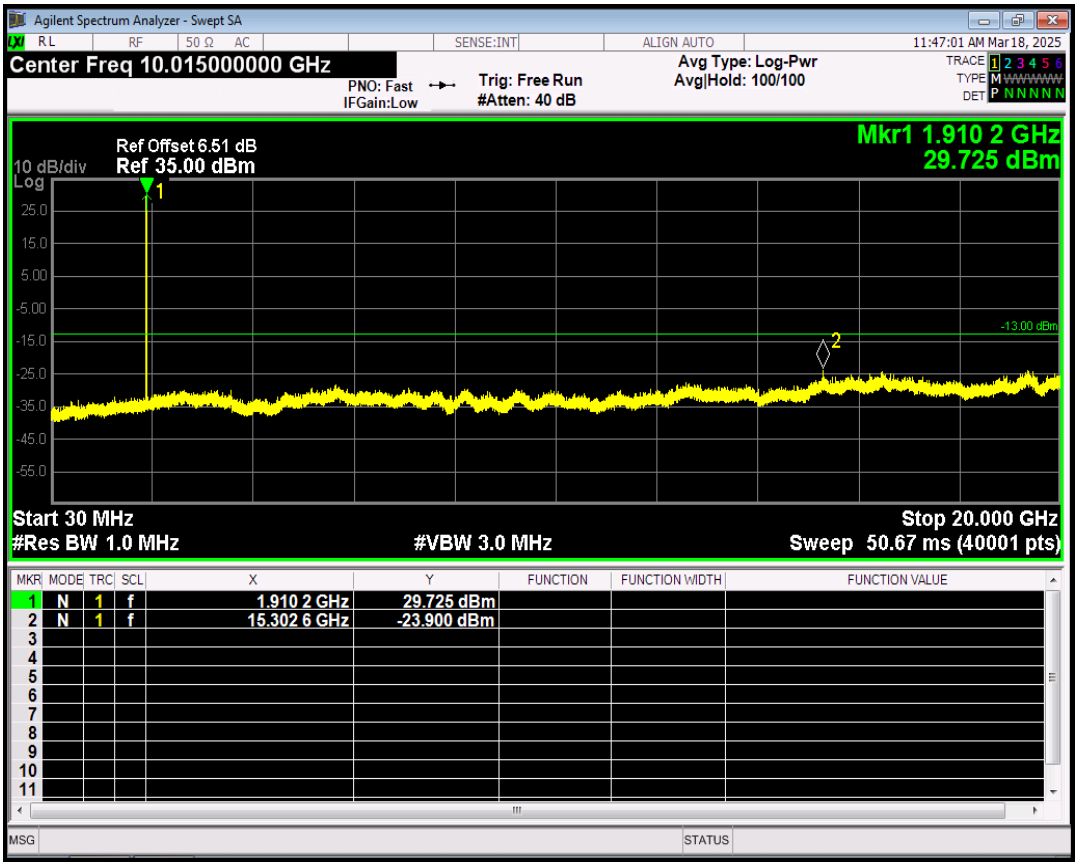
GSM850 Channel=251 NVNT



GSM1900 Channel=512 NVNT



GSM1900 Channel=661 NVNT



GSM1900 Channel=810 NVNT