Appendix for GSM

Report No.:	BCTC2503327806-5E
Applicant:	Shenzhen Ouke Lianchuang Network Technology Co., Ltd
Product Name:	Car Multimedia Player
Test Model:	HT-S055
Tested Date:	2025-03-26 to 2025-04-27

Shenzhen BCTC Testing Co., Ltd.

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Appendix 1.Conducted output power

Condition	Band	Channel	Frequency (MHz)	Power (dBm)	Verdict
NVNT	GSM850	128	824.2	32.71	PASS
NVNT	GSM850	190	836.6	33.72	PASS
NVNT	GSM850	251	848.8	33.59	PASS
NVNT	GSM1900	512	1850.2	29.12	PASS
NVNT	GSM1900	661	1880	29.00	PASS
NVNT	GSM1900	810	1909.8	28.63	PASS

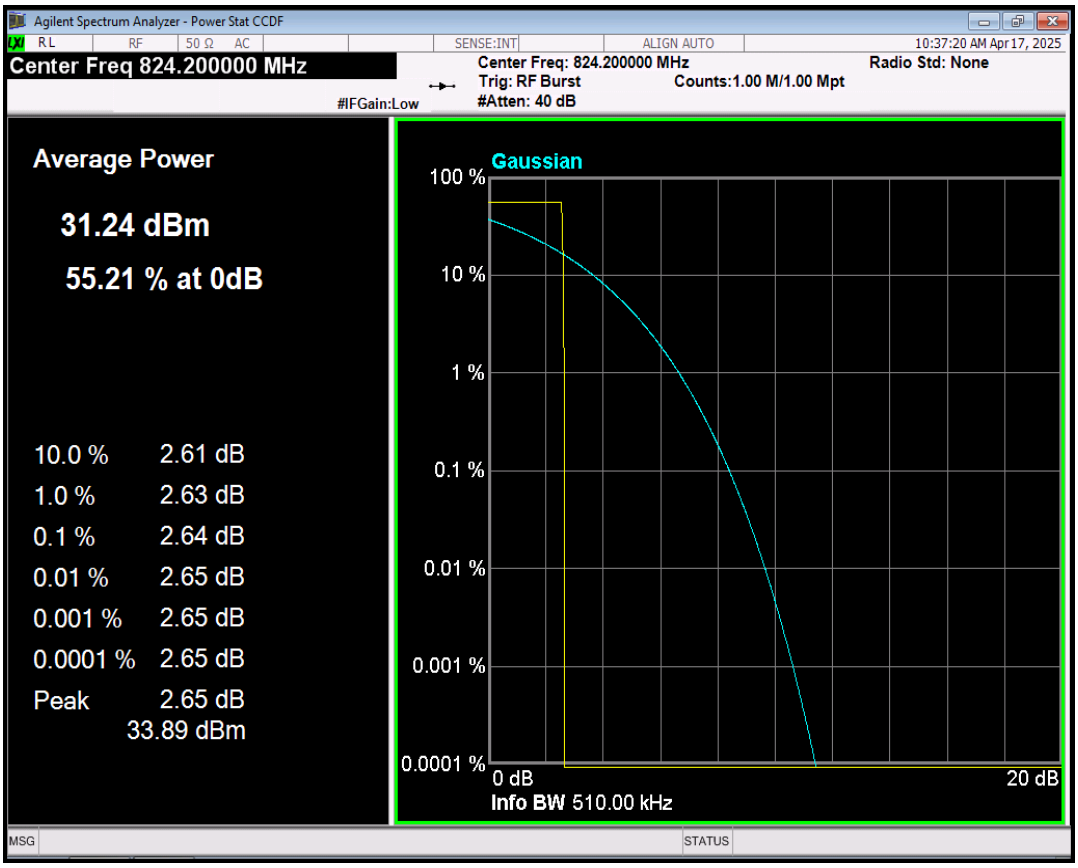
Appendix 2.Frequency stability

Condition	Band	Channel	Frequency (MHz)	Voltage (Vdc)	Temperatue (C)	Result (Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
NVNT	GSM850	128	824.2	LV	NT	5.07	0.006	-2.5	2.5	PASS
NVNT	GSM850	128	824.2	NV	NT	6.62	0.008	-2.5	2.5	PASS
NVNT	GSM850	128	824.2	HV	NT	3.94	0.005	-2.5	2.5	PASS
NVNT	GSM850	190	836.6	LV	NT	5.10	0.006	-2.5	2.5	PASS
NVNT	GSM850	190	836.6	NV	NT	7.46	0.009	-2.5	2.5	PASS
NVNT	GSM850	190	836.6	HV	NT	3.91	0.005	-2.5	2.5	PASS
NVNT	GSM850	251	848.8	LV	NT	5.71	0.007	-2.5	2.5	PASS
NVNT	GSM850	251	848.8	NV	NT	0.45	0.001	-2.5	2.5	PASS
NVNT	GSM850	251	848.8	HV	NT	2.45	0.003	-2.5	2.5	PASS
NVNT	GSM1900	512	1850.2	LV	NT	35.42	0.019	-2.5	2.5	PASS
NVNT	GSM1900	512	1850.2	NV	NT	28.90	0.016	-2.5	2.5	PASS
NVNT	GSM1900	512	1850.2	HV	NT	37.87	0.020	-2.5	2.5	PASS
NVNT	GSM1900	661	1880	LV	NT	21.47	0.011	-2.5	2.5	PASS
NVNT	GSM1900	661	1880	NV	NT	26.44	0.014	-2.5	2.5	PASS
NVNT	GSM1900	661	1880	HV	NT	24.70	0.013	-2.5	2.5	PASS
NVNT	GSM1900	810	1909.8	LV	NT	23.44	0.012	-2.5	2.5	PASS
NVNT	GSM1900	810	1909.8	NV	NT	21.95	0.011	-2.5	2.5	PASS
NVNT	GSM1900	810	1909.8	HV	NT	16.85	0.009	-2.5	2.5	PASS
NVNT	GSM850	128	824.2	NV	-30	8.94	0.011	-2.5	2.5	PASS
NVNT	GSM850	128	824.2	NV	-20	10.33	0.013	-2.5	2.5	PASS
NVNT	GSM850	128	824.2	NV	0	11.59	0.014	-2.5	2.5	PASS
NVNT	GSM850	128	824.2	NV	10	10.36	0.013	-2.5	2.5	PASS
NVNT	GSM850	128	824.2	NV	20	3.75	0.005	-2.5	2.5	PASS
NVNT	GSM850	128	824.2	NV	30	11.40	0.014	-2.5	2.5	PASS
NVNT	GSM850	128	824.2	NV	40	8.07	0.010	-2.5	2.5	PASS
NVNT	GSM850	128	824.2	NV	50	2.94	0.004	-2.5	2.5	PASS
NVNT	GSM850	190	836.6	NV	-30	7.39	0.009	-2.5	2.5	PASS
NVNT	GSM850	190	836.6	NV	-20	6.42	0.008	-2.5	2.5	PASS
NVNT	GSM850	190	836.6	NV	0	4.36	0.005	-2.5	2.5	PASS
NVNT	GSM850	190	836.6	NV	10	2.32	0.003	-2.5	2.5	PASS
NVNT	GSM850	190	836.6	NV	20	5.23	0.006	-2.5	2.5	PASS
NVNT	GSM850	190	836.6	NV	30	5.10	0.006	-2.5	2.5	PASS
NVNT	GSM850	190	836.6	NV	40	0.23	0.000	-2.5	2.5	PASS
NVNT	GSM850	190	836.6	NV	50	0.61	0.001	-2.5	2.5	PASS
NVNT	GSM850	251	848.8	NV	-30	9.07	0.011	-2.5	2.5	PASS
NVNT	GSM850	251	848.8	NV	-20	8.07	0.010	-2.5	2.5	PASS
NVNT	GSM850	251	848.8	NV	0	5.65	0.007	-2.5	2.5	PASS

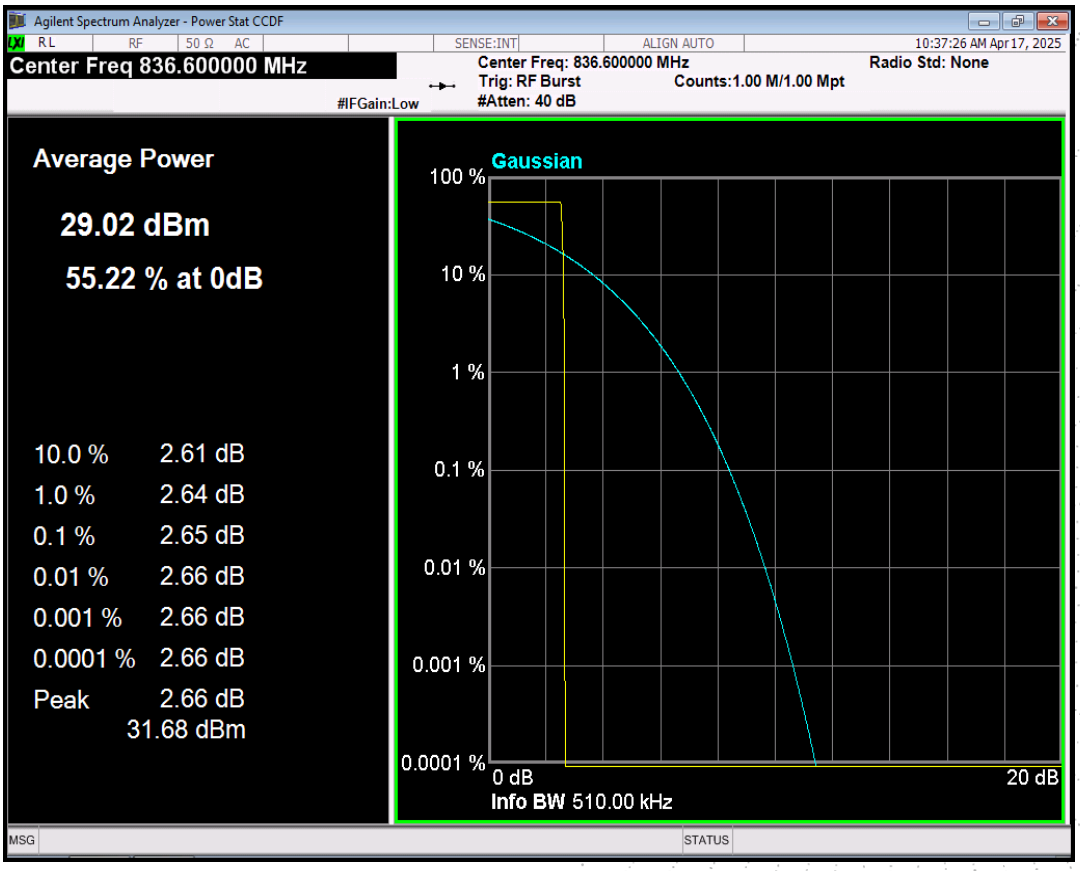
NVNT	GSM850	251	848.8	NV	10	9.56	0.011	-2.5	2.5	PASS
NVNT	GSM850	251	848.8	NV	20	6.42	0.008	-2.5	2.5	PASS
NVNT	GSM850	251	848.8	NV	30	4.20	0.005	-2.5	2.5	PASS
NVNT	GSM850	251	848.8	NV	40	5.65	0.007	-2.5	2.5	PASS
NVNT	GSM850	251	848.8	NV	50	7.20	0.008	-2.5	2.5	PASS
NVNT	GSM1900	512	1850.2	NV	-30	17.40	0.009	-2.5	2.5	PASS
NVNT	GSM1900	512	1850.2	NV	-20	20.70	0.011	-2.5	2.5	PASS
NVNT	GSM1900	512	1850.2	NV	0	14.46	0.008	-2.5	2.5	PASS
NVNT	GSM1900	512	1850.2	NV	10	20.24	0.011	-2.5	2.5	PASS
NVNT	GSM1900	512	1850.2	NV	20	14.17	0.008	-2.5	2.5	PASS
NVNT	GSM1900	512	1850.2	NV	30	15.24	0.008	-2.5	2.5	PASS
NVNT	GSM1900	512	1850.2	NV	40	17.56	0.009	-2.5	2.5	PASS
NVNT	GSM1900	512	1850.2	NV	50	15.24	0.008	-2.5	2.5	PASS
NVNT	GSM1900	661	1880	NV	-30	18.05	0.010	-2.5	2.5	PASS
NVNT	GSM1900	661	1880	NV	-20	16.37	0.009	-2.5	2.5	PASS
NVNT	GSM1900	661	1880	NV	0	20.70	0.011	-2.5	2.5	PASS
NVNT	GSM1900	661	1880	NV	10	20.37	0.011	-2.5	2.5	PASS
NVNT	GSM1900	661	1880	NV	20	19.76	0.011	-2.5	2.5	PASS
NVNT	GSM1900	661	1880	NV	30	17.66	0.009	-2.5	2.5	PASS
NVNT	GSM1900	661	1880	NV	40	14.43	0.008	-2.5	2.5	PASS
NVNT	GSM1900	661	1880	NV	50	16.53	0.009	-2.5	2.5	PASS
NVNT	GSM1900	810	1909.8	NV	-30	23.73	0.012	-2.5	2.5	PASS
NVNT	GSM1900	810	1909.8	NV	-20	25.86	0.014	-2.5	2.5	PASS
NVNT	GSM1900	810	1909.8	NV	0	24.28	0.013	-2.5	2.5	PASS
NVNT	GSM1900	810	1909.8	NV	10	24.47	0.013	-2.5	2.5	PASS
NVNT	GSM1900	810	1909.8	NV	20	21.99	0.012	-2.5	2.5	PASS
NVNT	GSM1900	810	1909.8	NV	30	25.86	0.014	-2.5	2.5	PASS
NVNT	GSM1900	810	1909.8	NV	40	25.51	0.013	-2.5	2.5	PASS
NVNT	GSM1900	810	1909.8	NV	50	27.25	0.014	-2.5	2.5	PASS

Appendix 3.Peak-to-Average Ratio

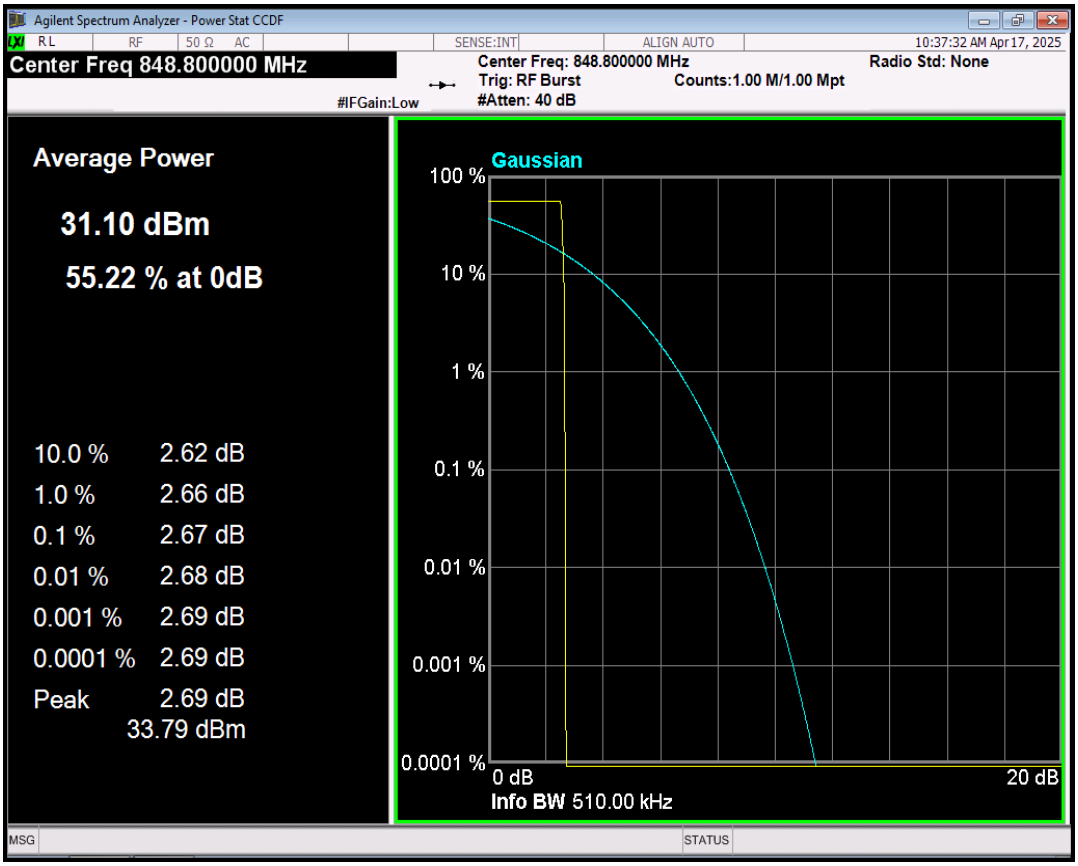
Condition	Band	Channel	Frequency (MHz)	Result (dB)	high Limit (dB)	Verdict
NVNT	GSM850	128	824.2	2.64	13	PASS
NVNT	GSM850	190	836.6	2.65	13	PASS
NVNT	GSM850	251	848.8	2.67	13	PASS
NVNT	GSM1900	512	1850.2	2.61	13	PASS
NVNT	GSM1900	661	1880	2.61	13	PASS
NVNT	GSM1900	810	1909.8	2.61	13	PASS



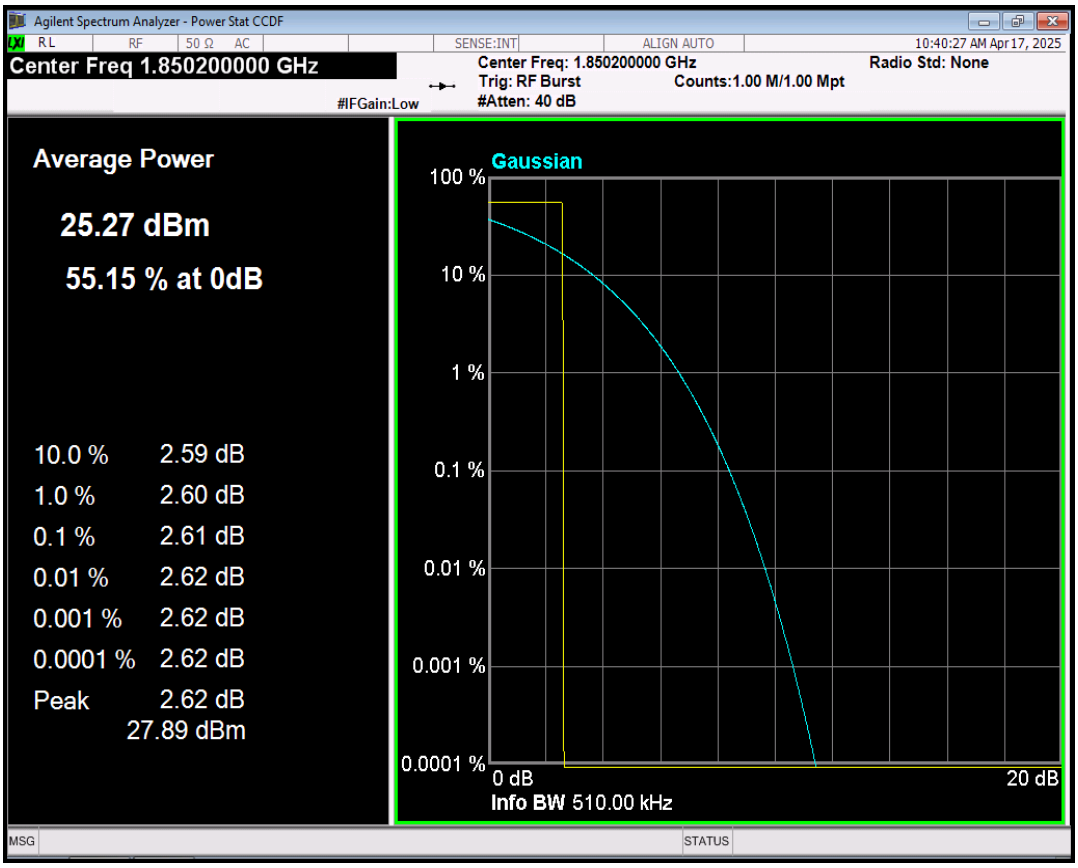
GSM850 Channel=128 NVNT



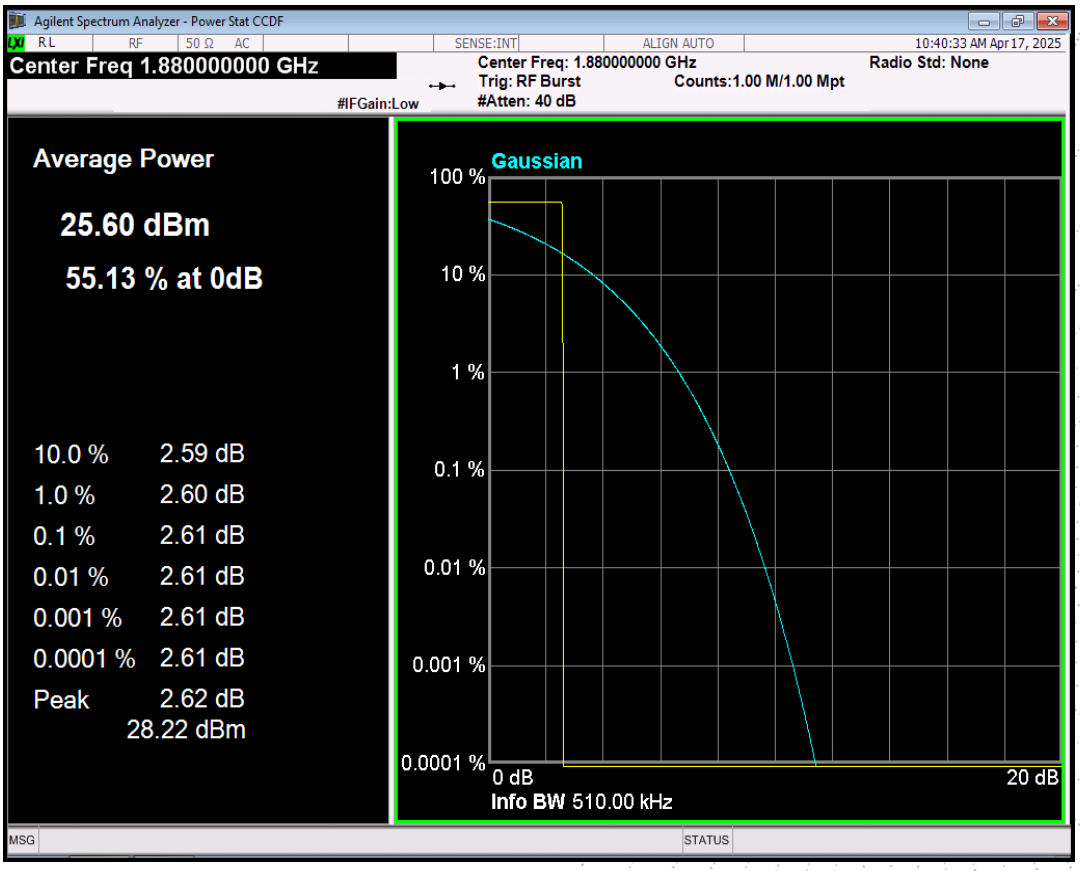
GSM850 Channel=190 NVNT



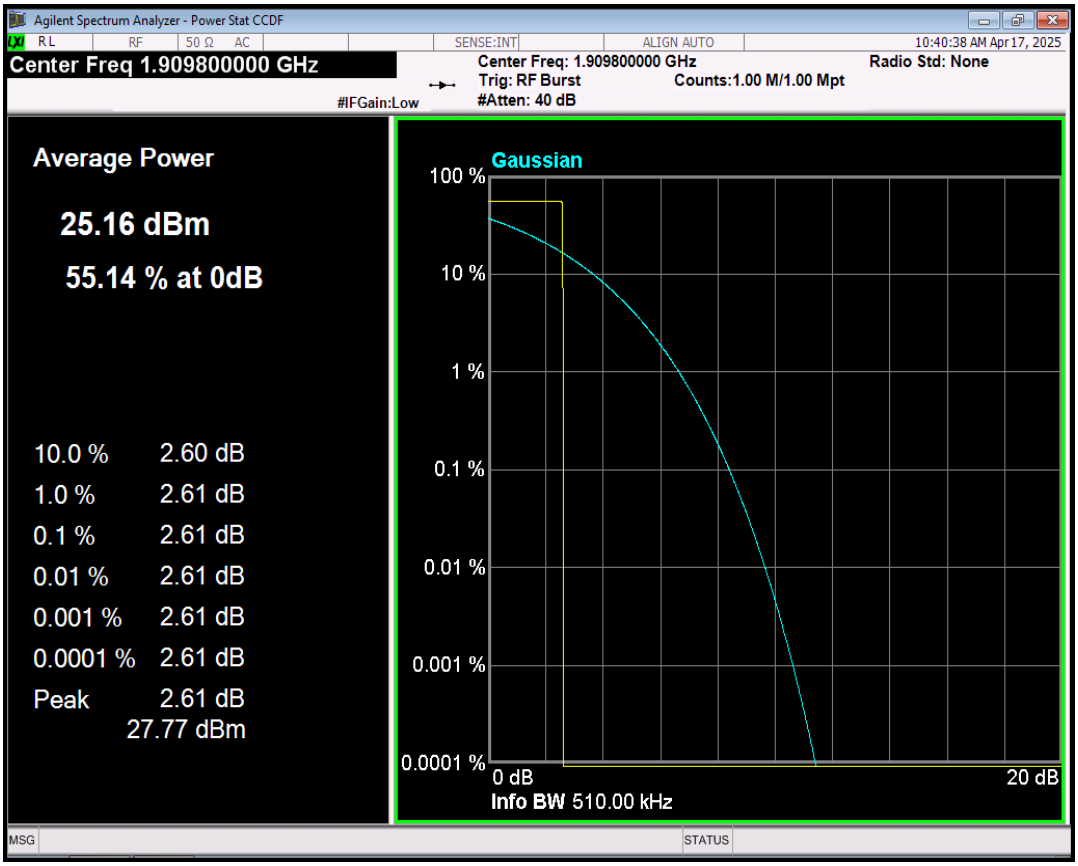
GSM850 Channel=251 NVNT



GSM1900 Channel=512 NVNT



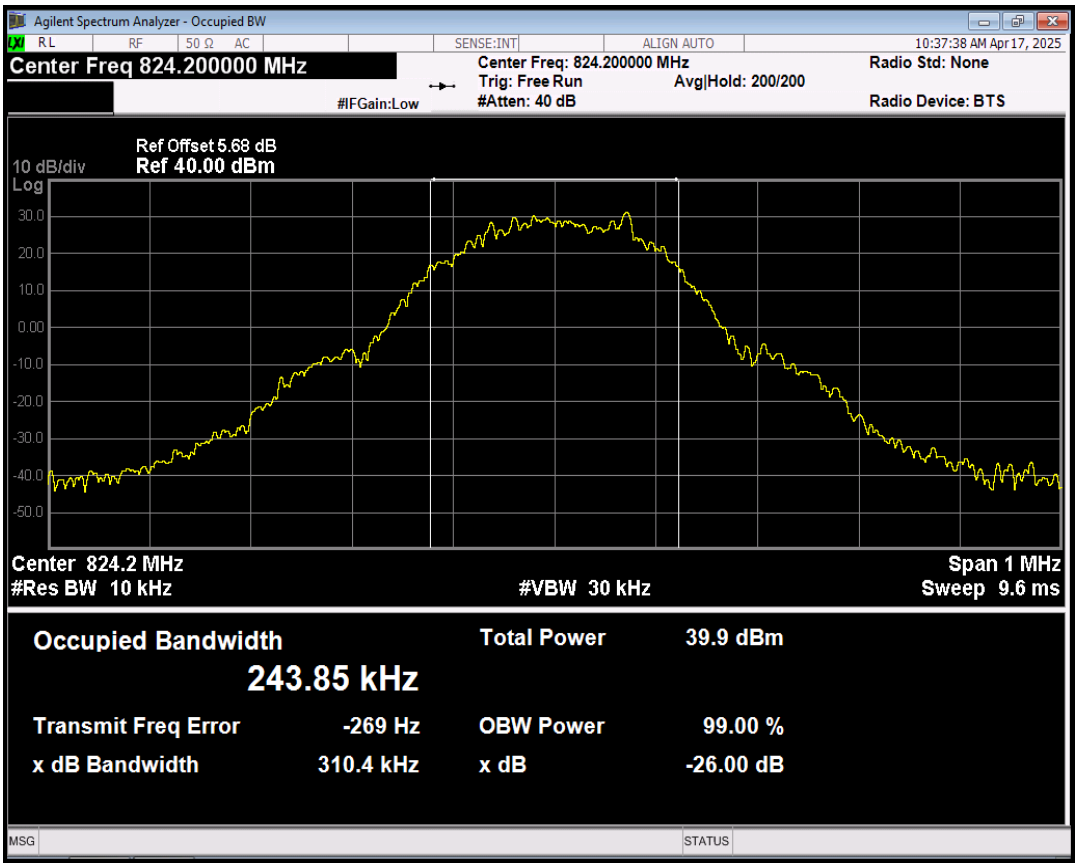
GSM1900 Channel=661 NVNT



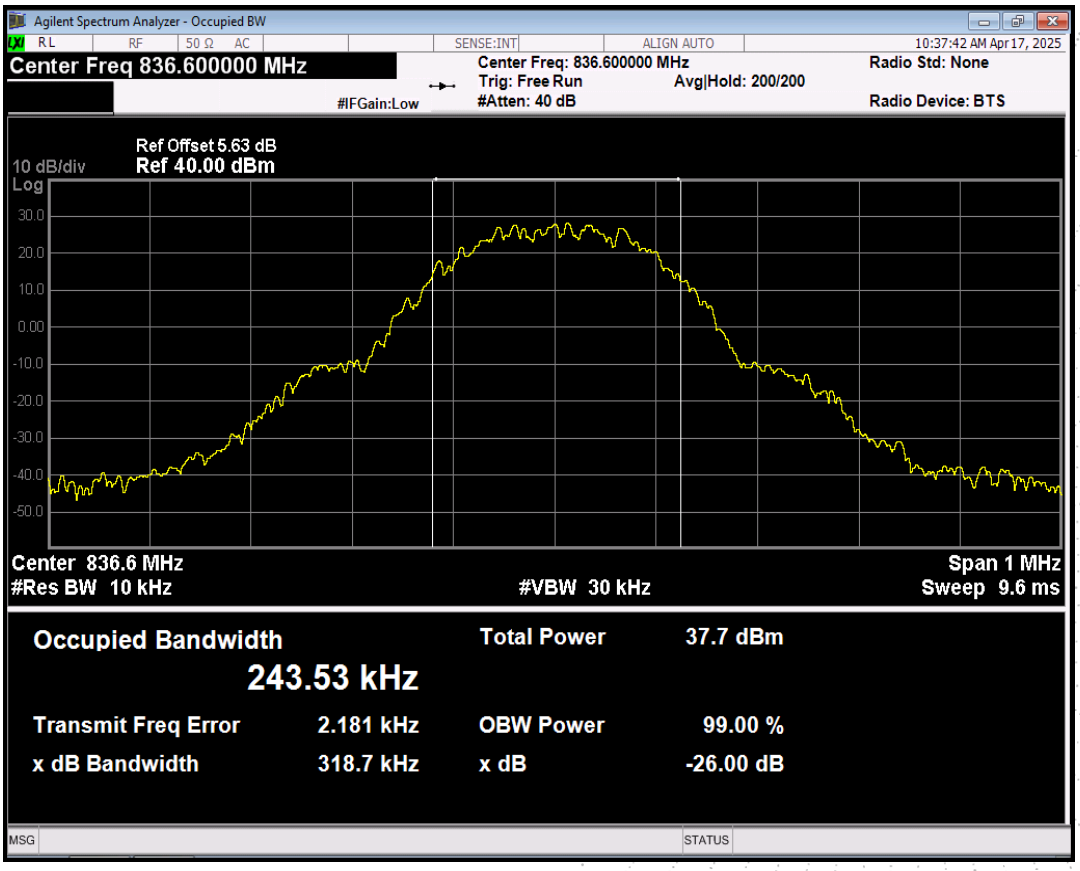
GSM1900 Channel=810 NVNT

Appendix 4.Occupied bandwidth

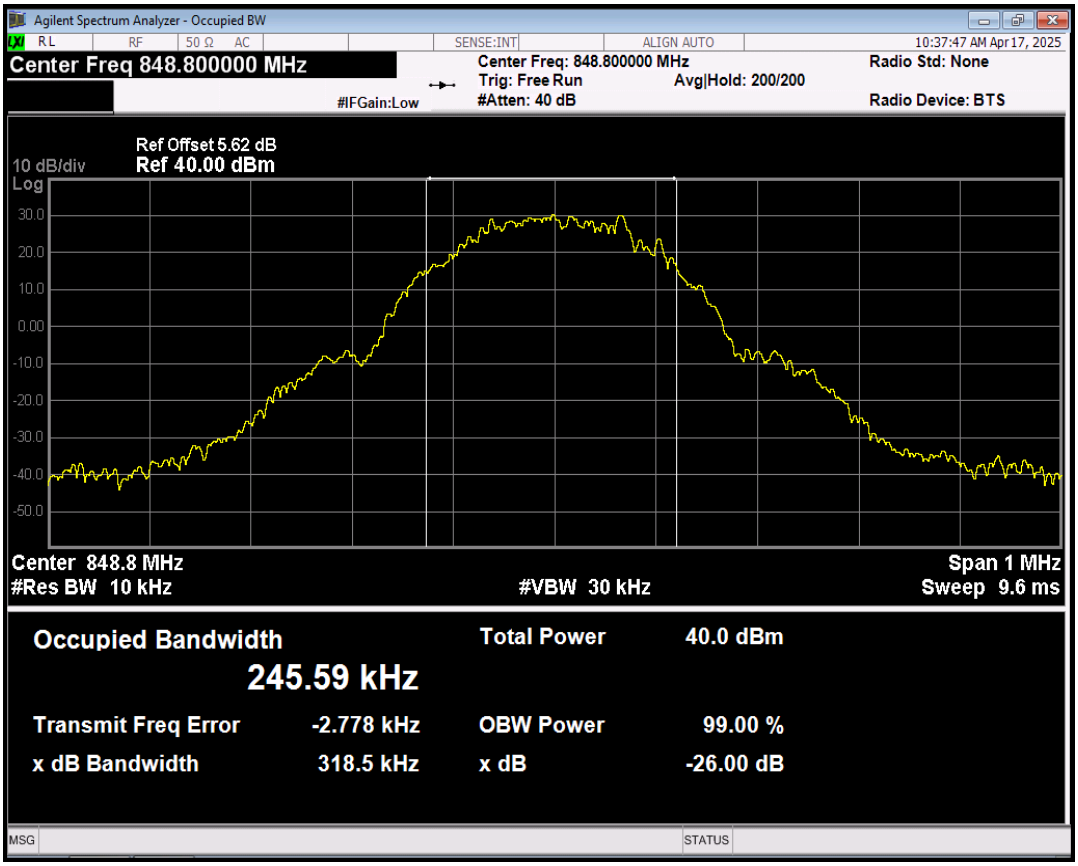
Condition	Band	Channel	Frequency (MHz)	99% OBW (kHz)	-26dB EBW (kHz)	Verdict
NVNT	GSM850	128	824.2	243.851	310.388	PASS
NVNT	GSM850	190	836.6	243.529	318.668	PASS
NVNT	GSM850	251	848.8	245.589	318.454	PASS
NVNT	GSM1900	512	1850.2	242.627	317.913	PASS
NVNT	GSM1900	661	1880	249.145	316.326	PASS
NVNT	GSM1900	810	1909.8	247.440	318.583	PASS



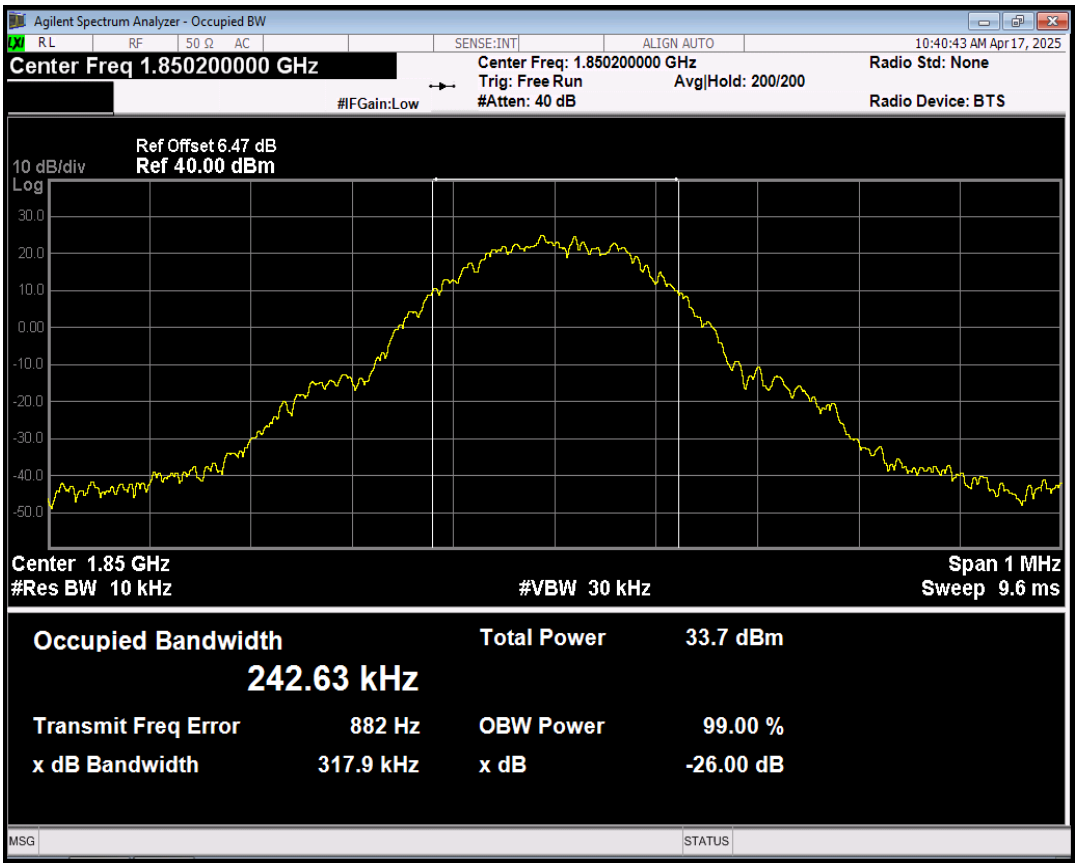
GSM850 Channel=128 NVNT



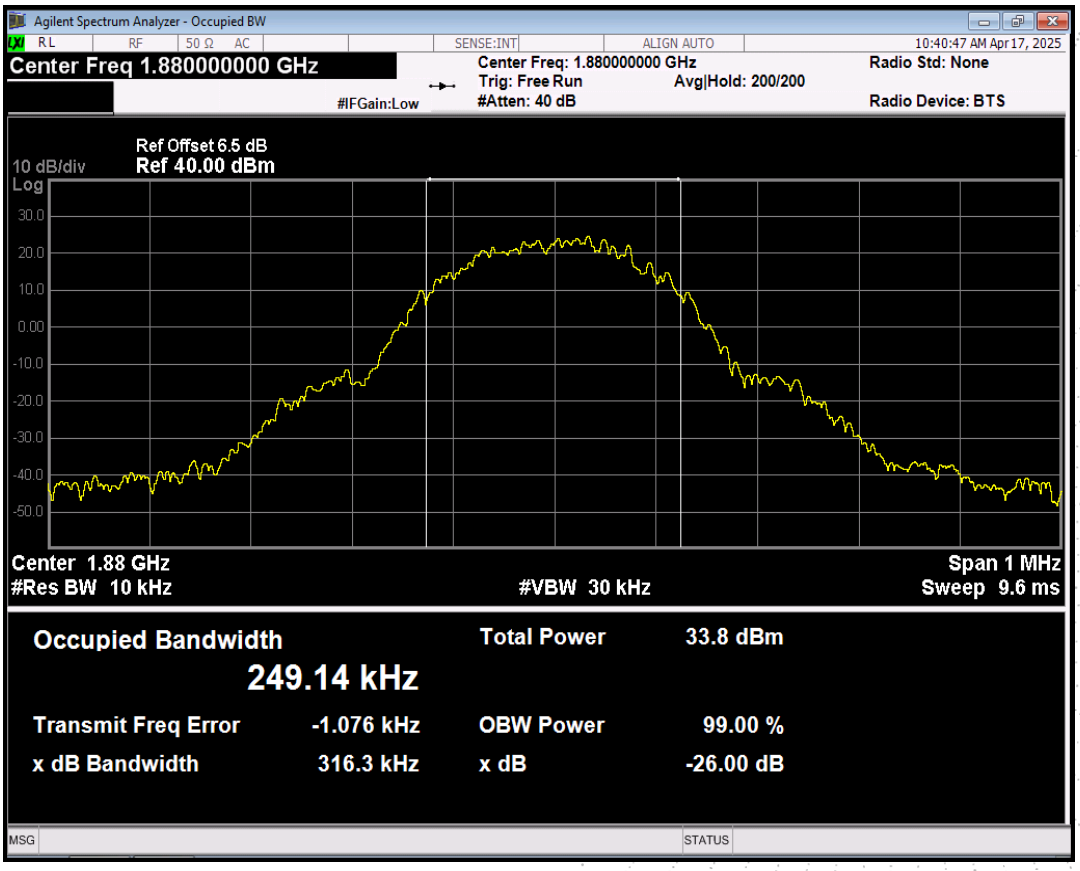
GSM850 Channel=190 NVNT



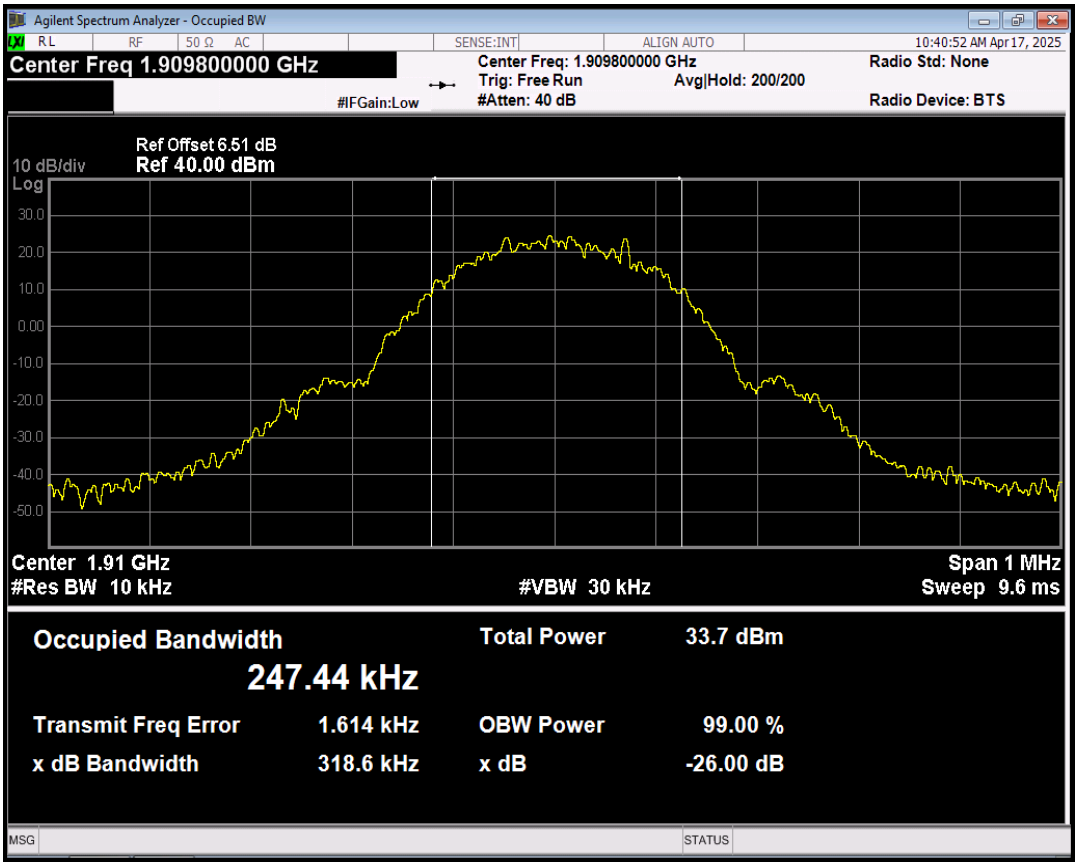
GSM850 Channel=251 NVNT



GSM1900 Channel=512 NVNT



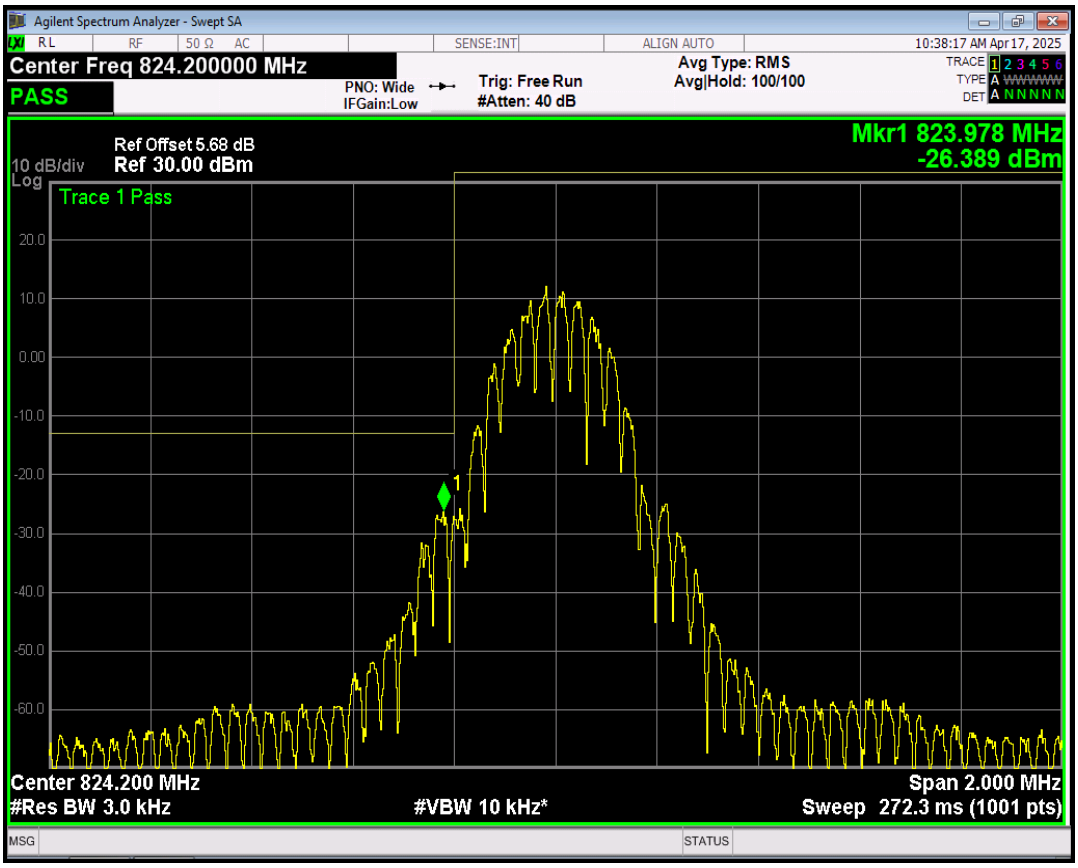
GSM1900 Channel=661 NVNT



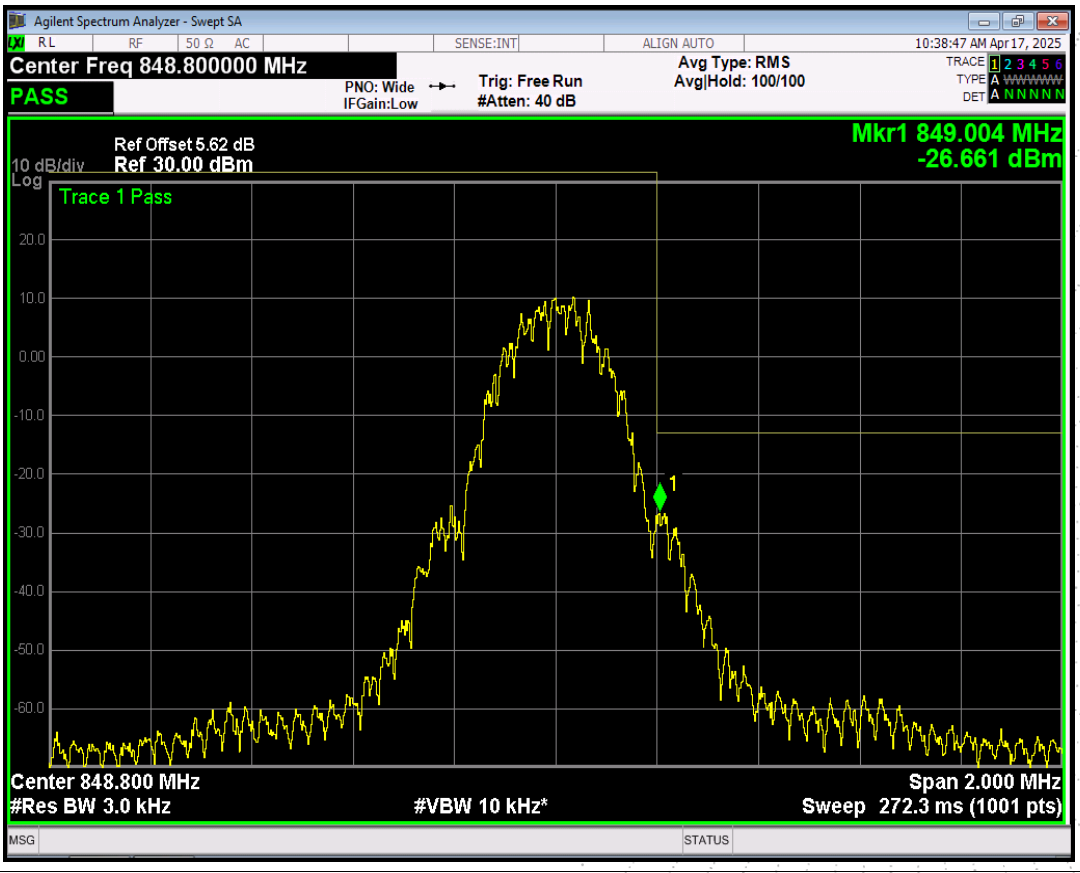
GSM1900 Channel=810 NVNT

Appendix 5.Band edge

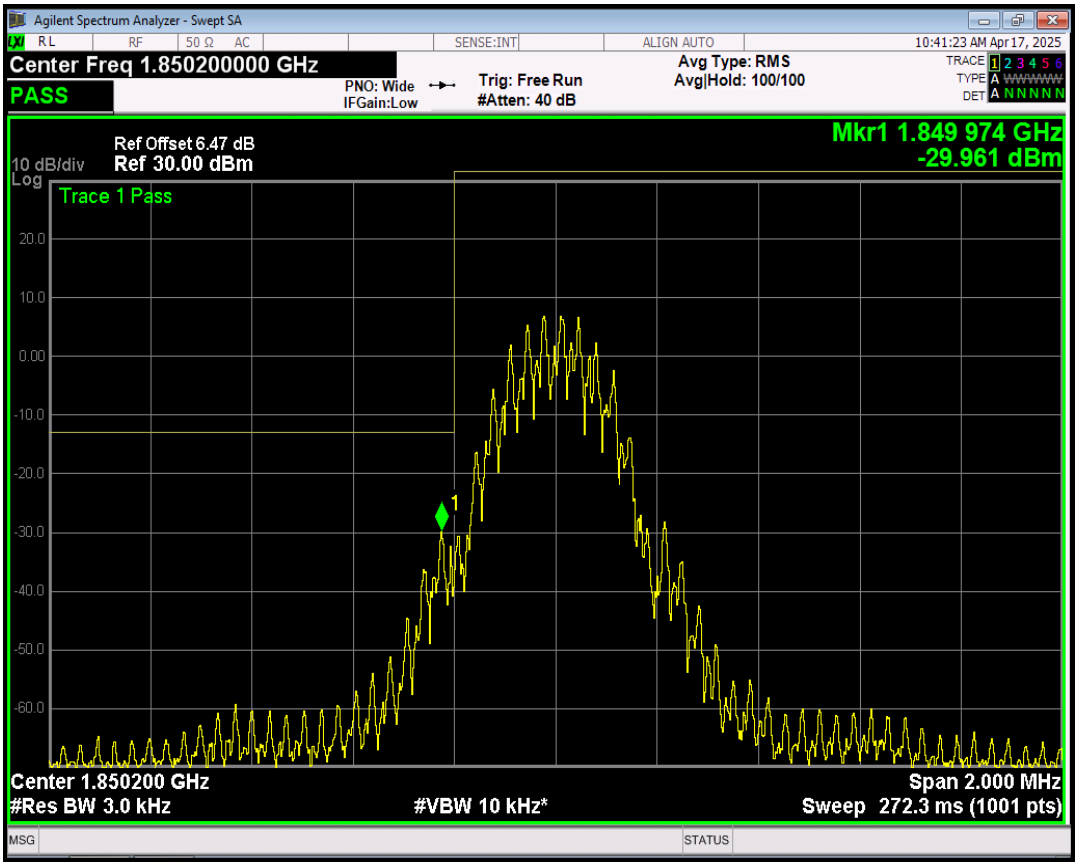
Condition	Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
NVNT	GSM850	128	824.2	823.98	-26.38	-13	PASS
NVNT	GSM850	251	848.8	849.00	-26.66	-13	PASS
NVNT	GSM1900	512	1850.2	1849.97	-29.96	-13	PASS
NVNT	GSM1900	810	1909.8	1910.02	-33.85	-13	PASS



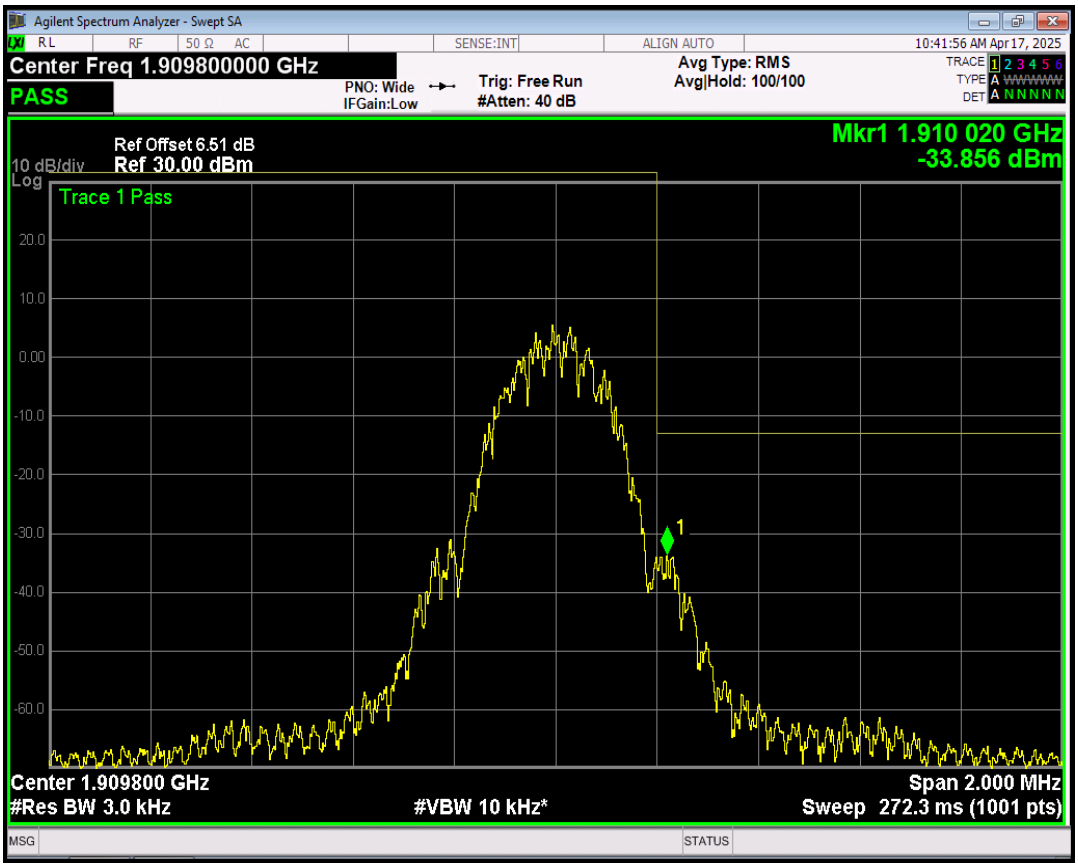
GSM850 Channel=128 NVNT



GSM850 Channel=251 NVNT



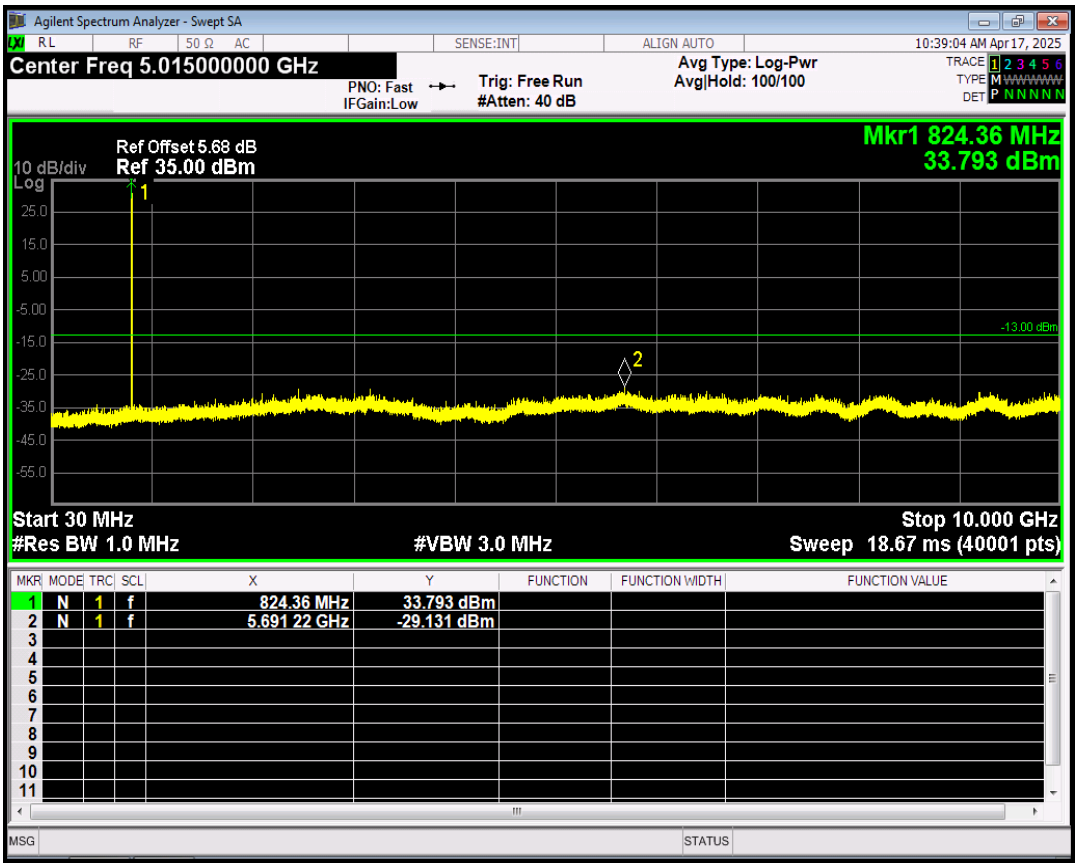
GSM1900 Channel=512 NVNT



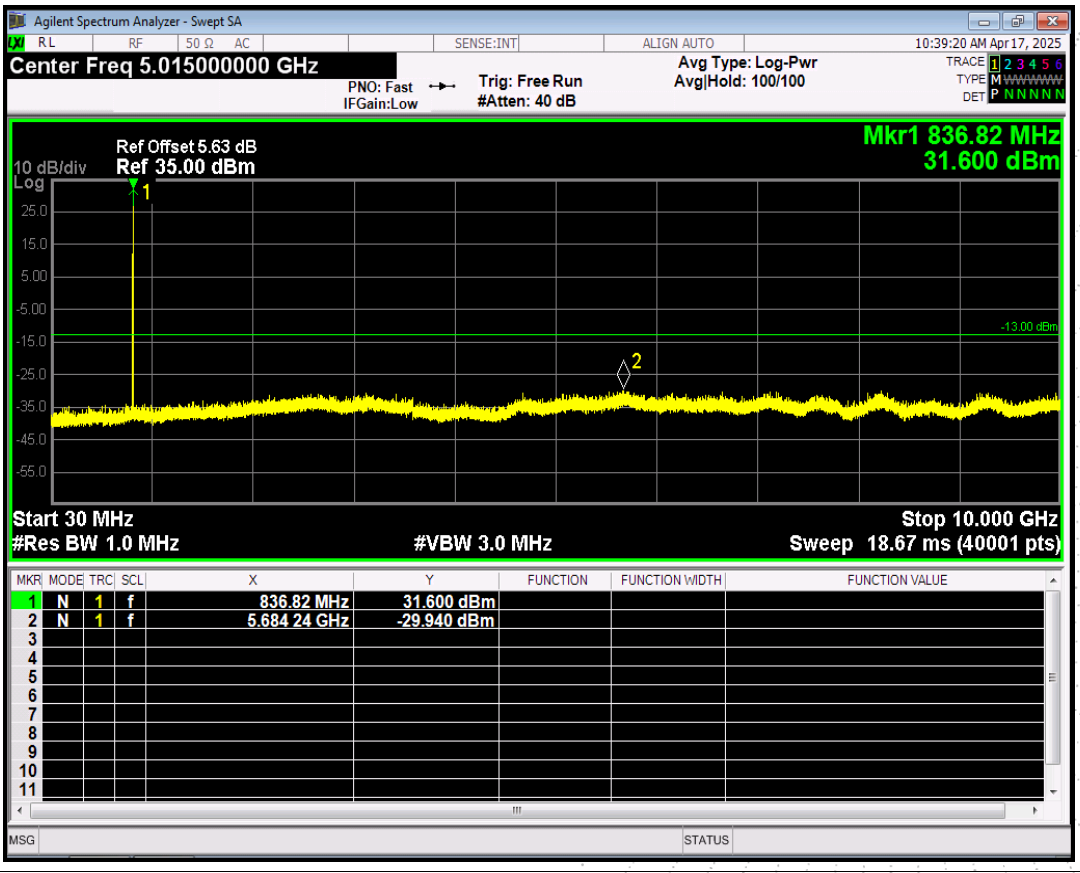
GSM1900 Channel=810 NVNT

Appendix 6.Out-of-band emissions

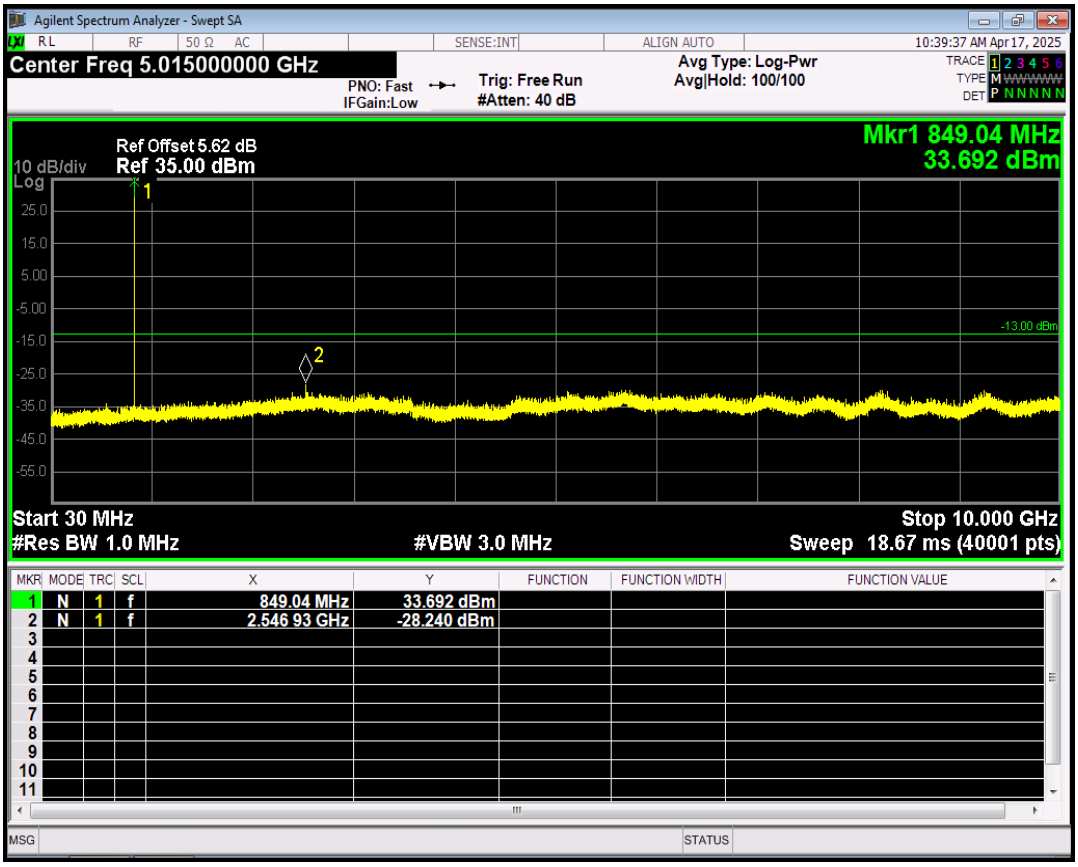
Condition	Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
NVNT	GSM850	128	824.2	5691.22	-29.13	-13	PASS
NVNT	GSM850	190	836.6	5684.24	-29.93	-13	PASS
NVNT	GSM850	251	848.8	2546.93	-28.23	-13	PASS
NVNT	GSM1900	512	1850.2	19343.49	-24.16	-13	PASS
NVNT	GSM1900	661	1880	16517.23	-23.91	-13	PASS
NVNT	GSM1900	810	1909.8	19332.50	-23.91	-13	PASS



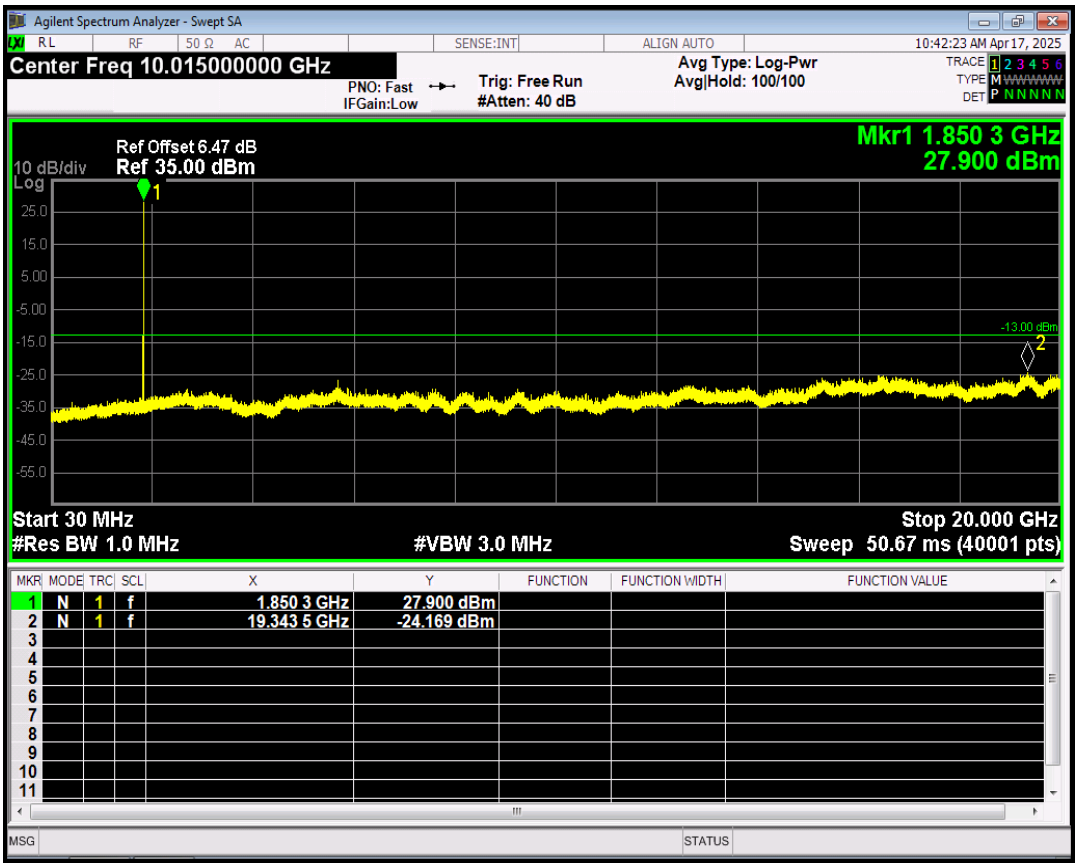
GSM850 Channel=128 NVNT



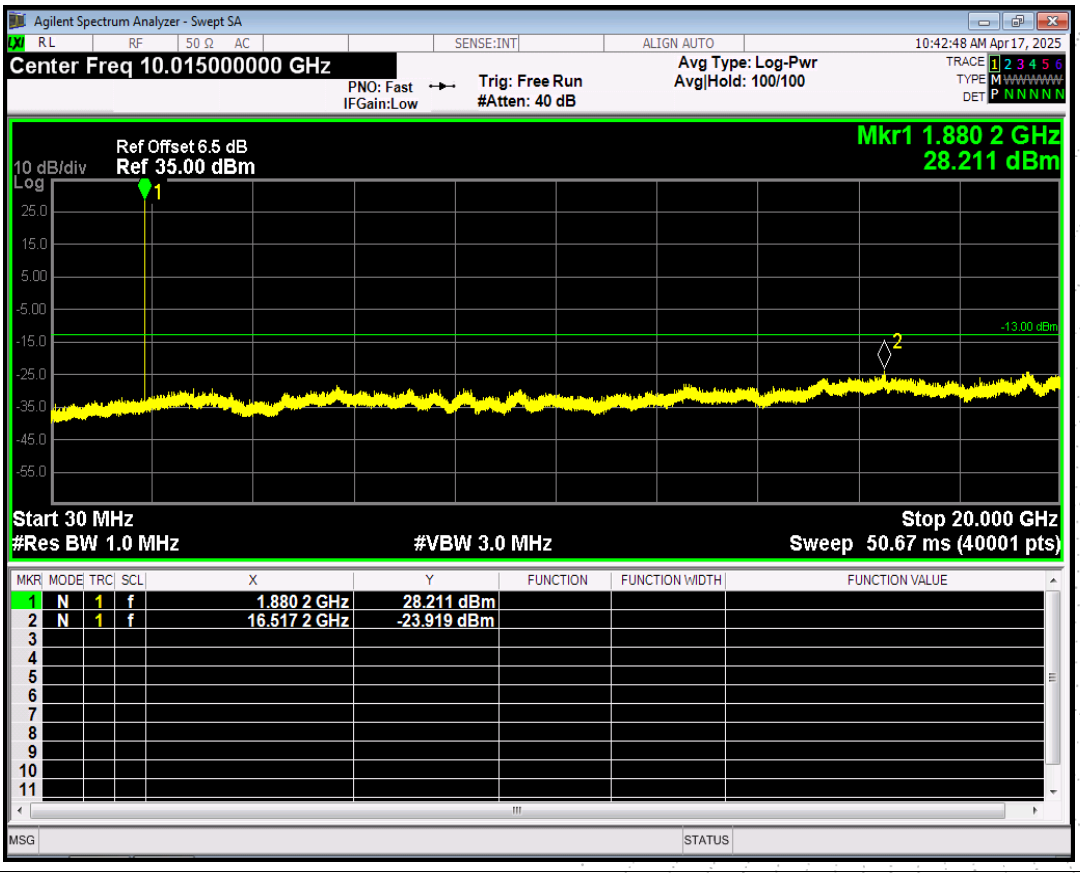
GSM850 Channel=190 NVNT



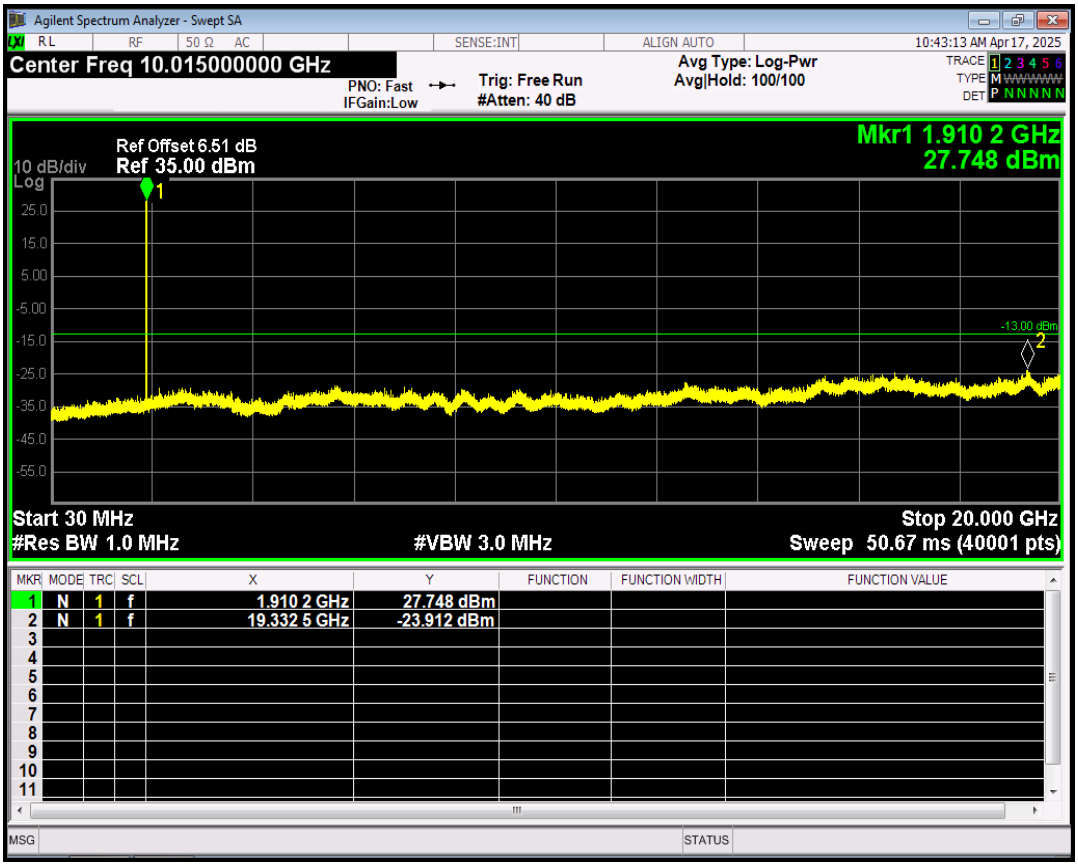
GSM850 Channel=251 NVNT



GSM1900 Channel=512 NVNT



GSM1900 Channel=661 NVNT



GSM1900 Channel=810 NVNT