

Appendix for GPRS

Report No.: BCTC2503327806-5E

Applicant: Shenzhen Ouke Lianchuang Network Technology Co., Ltd

Product Name: Car Multimedia Player

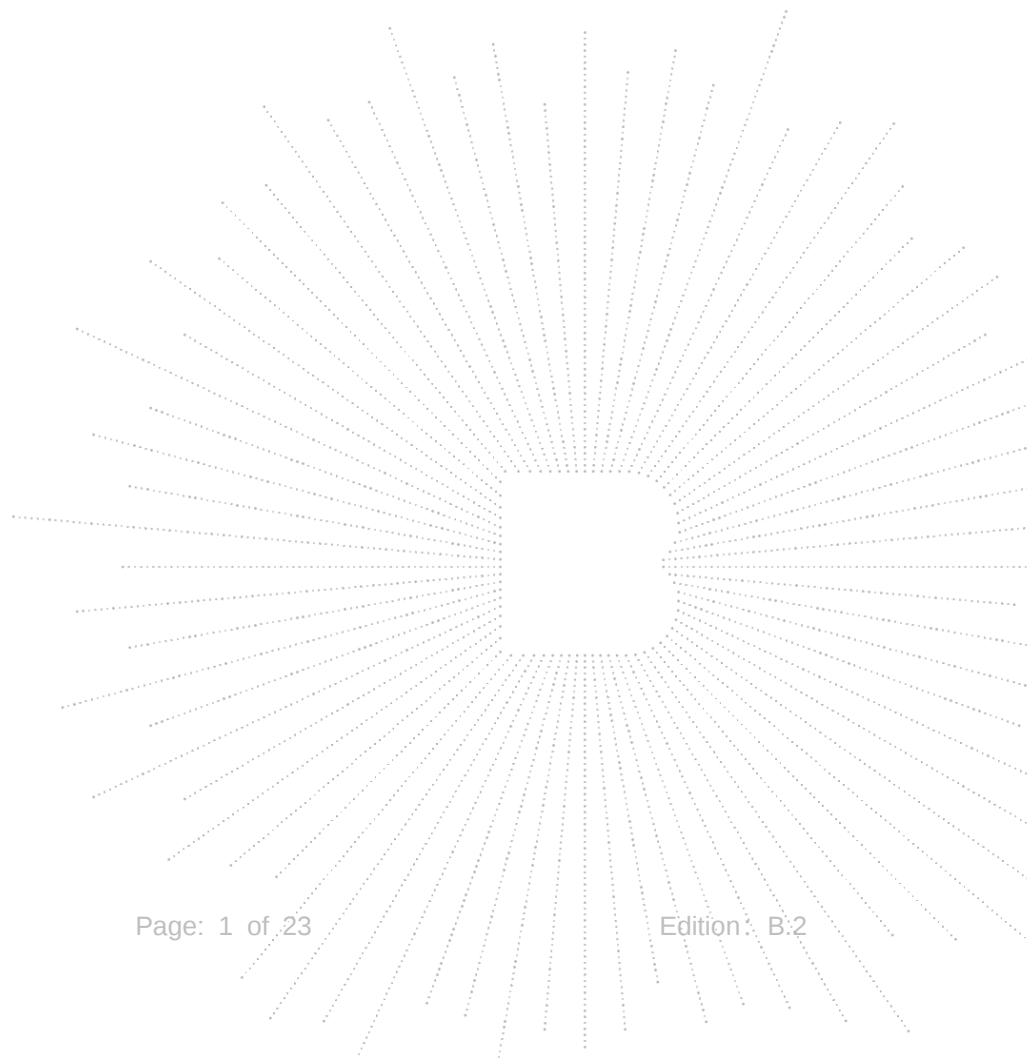
Test Model: HT-S055

Tested Date: 2025-03-26 to 2025-04-27

Shenzhen BCTC Testing Co., Ltd.

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

Condition	Band	Channel	Frequency (MHz)	Power (dBm)	Verdict
NVNT	GPRS850 1 Slot	128	824.2	32.64	PASS
NVNT	GPRS850 1 Slot	190	836.6	33.62	PASS
NVNT	GPRS850 1 Slot	251	848.8	33.51	PASS
NVNT	GPRS850 2 Slot	128	824.2	32.47	PASS
NVNT	GPRS850 2 Slot	190	836.6	33.47	PASS
NVNT	GPRS850 2 Slot	251	848.8	33.35	PASS
NVNT	GPRS850 3 Slot	128	824.2	32.30	PASS
NVNT	GPRS850 3 Slot	190	836.6	33.29	PASS
NVNT	GPRS850 3 Slot	251	848.8	33.15	PASS
NVNT	GPRS850 4 Slot	128	824.2	32.06	PASS
NVNT	GPRS850 4 Slot	190	836.6	33.07	PASS
NVNT	GPRS850 4 Slot	251	848.8	32.93	PASS
NVNT	GPRS1900 1 Slot	512	1850.2	29.18	PASS
NVNT	GPRS1900 1 Slot	661	1880	29.07	PASS
NVNT	GPRS1900 1 Slot	810	1909.8	28.69	PASS
NVNT	GPRS1900 2 Slot	512	1850.2	29.15	PASS
NVNT	GPRS1900 2 Slot	661	1880	29.00	PASS
NVNT	GPRS1900 2 Slot	810	1909.8	28.67	PASS
NVNT	GPRS1900 3 Slot	512	1850.2	29.10	PASS
NVNT	GPRS1900 3 Slot	661	1880	29.01	PASS
NVNT	GPRS1900 3 Slot	810	1909.8	28.63	PASS
NVNT	GPRS1900 4 Slot	512	1850.2	29.07	PASS
NVNT	GPRS1900 4 Slot	661	1880	28.95	PASS
NVNT	GPRS1900 4 Slot	810	1909.8	28.58	PASS

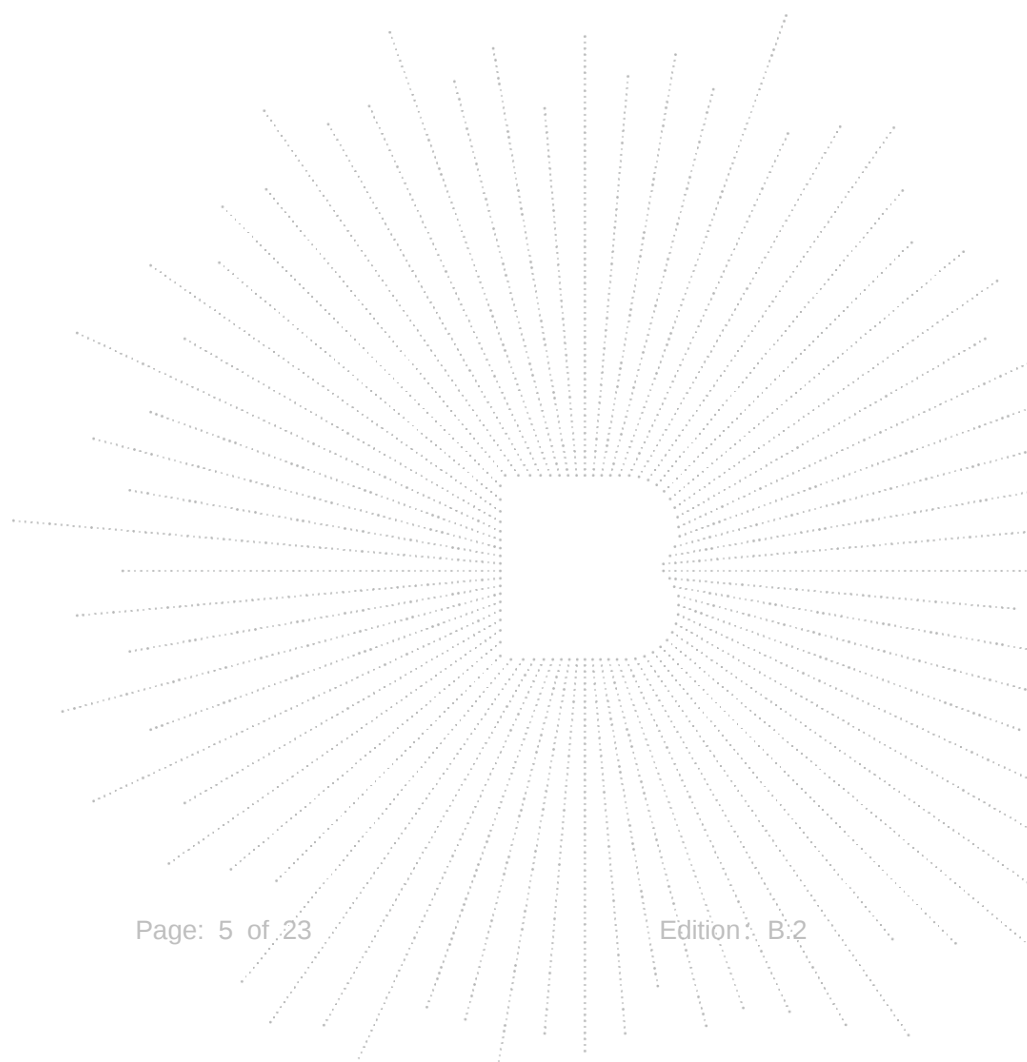
Appendix 2.Frequency stability

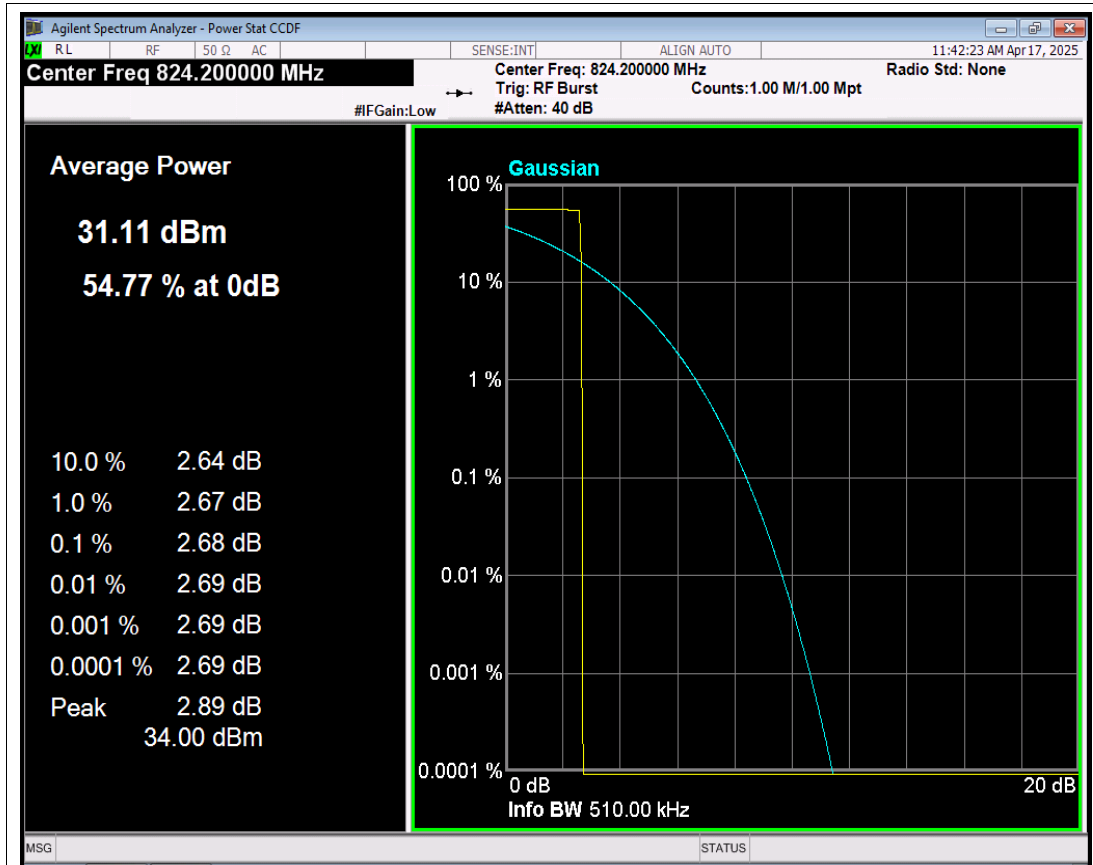
Condition	Band	Channel	Frequency (MHz)	Voltage (Vdc)	Temperatue (C)	Result (Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
NVNT	GPRS850	128	824.2	LV	NT	14.63	0.018	-2.5	2.5	PASS
NVNT	GPRS850	128	824.2	NV	NT	16.89	0.020	-2.5	2.5	PASS
NVNT	GPRS850	128	824.2	HV	NT	20.50	0.025	-2.5	2.5	PASS
NVNT	GPRS850	190	836.6	LV	NT	14.14	0.017	-2.5	2.5	PASS
NVNT	GPRS850	190	836.6	NV	NT	12.37	0.015	-2.5	2.5	PASS
NVNT	GPRS850	190	836.6	HV	NT	12.14	0.015	-2.5	2.5	PASS
NVNT	GPRS850	251	848.8	LV	NT	16.14	0.019	-2.5	2.5	PASS
NVNT	GPRS850	251	848.8	NV	NT	16.50	0.019	-2.5	2.5	PASS
NVNT	GPRS850	251	848.8	HV	NT	18.79	0.022	-2.5	2.5	PASS
NVNT	GPRS1900	512	1850.2	LV	NT	41.04	0.022	-2.5	2.5	PASS
NVNT	GPRS1900	512	1850.2	NV	NT	33.55	0.018	-2.5	2.5	PASS
NVNT	GPRS1900	512	1850.2	HV	NT	37.55	0.020	-2.5	2.5	PASS
NVNT	GPRS1900	661	1880	LV	NT	31.74	0.017	-2.5	2.5	PASS
NVNT	GPRS1900	661	1880	NV	NT	29.06	0.015	-2.5	2.5	PASS
NVNT	GPRS1900	661	1880	HV	NT	32.35	0.017	-2.5	2.5	PASS
NVNT	GPRS1900	810	1909.8	LV	NT	24.50	0.013	-2.5	2.5	PASS
NVNT	GPRS1900	810	1909.8	NV	NT	31.58	0.017	-2.5	2.5	PASS
NVNT	GPRS1900	810	1909.8	HV	NT	32.32	0.017	-2.5	2.5	PASS
NVNT	GPRS850	128	824.2	NV	-30	13.85	0.017	-2.5	2.5	PASS
NVNT	GPRS850	128	824.2	NV	-20	15.95	0.019	-2.5	2.5	PASS
NVNT	GPRS850	128	824.2	NV	0	15.85	0.019	-2.5	2.5	PASS
NVNT	GPRS850	128	824.2	NV	10	16.43	0.020	-2.5	2.5	PASS
NVNT	GPRS850	128	824.2	NV	20	999.00	1.212	-2.5	2.5	PASS
NVNT	GPRS850	128	824.2	NV	30	14.33	0.017	-2.5	2.5	PASS
NVNT	GPRS850	128	824.2	NV	40	14.69	0.018	-2.5	2.5	PASS
NVNT	GPRS850	128	824.2	NV	50	12.85	0.016	-2.5	2.5	PASS
NVNT	GPRS850	190	836.6	NV	-30	16.85	0.020	-2.5	2.5	PASS
NVNT	GPRS850	190	836.6	NV	-20	18.92	0.023	-2.5	2.5	PASS
NVNT	GPRS850	190	836.6	NV	0	18.34	0.022	-2.5	2.5	PASS
NVNT	GPRS850	190	836.6	NV	10	19.66	0.024	-2.5	2.5	PASS
NVNT	GPRS850	190	836.6	NV	20	15.56	0.019	-2.5	2.5	PASS
NVNT	GPRS850	190	836.6	NV	30	18.66	0.022	-2.5	2.5	PASS
NVNT	GPRS850	190	836.6	NV	40	18.69	0.022	-2.5	2.5	PASS
NVNT	GPRS850	190	836.6	NV	50	21.28	0.025	-2.5	2.5	PASS
NVNT	GPRS850	251	848.8	NV	-30	16.05	0.019	-2.5	2.5	PASS
NVNT	GPRS850	251	848.8	NV	-20	16.34	0.019	-2.5	2.5	PASS
NVNT	GPRS850	251	848.8	NV	0	14.11	0.017	-2.5	2.5	PASS

NVNT	GPRS850	251	848.8	NV	10	12.91	0.015	-2.5	2.5	PASS
NVNT	GPRS850	251	848.8	NV	20	14.27	0.017	-2.5	2.5	PASS
NVNT	GPRS850	251	848.8	NV	30	12.53	0.015	-2.5	2.5	PASS
NVNT	GPRS850	251	848.8	NV	40	14.63	0.017	-2.5	2.5	PASS
NVNT	GPRS850	251	848.8	NV	50	16.34	0.019	-2.5	2.5	PASS
NVNT	GPRS1900	512	1850.2	NV	-30	49.14	0.027	-2.5	2.5	PASS
NVNT	GPRS1900	512	1850.2	NV	-20	46.17	0.025	-2.5	2.5	PASS
NVNT	GPRS1900	512	1850.2	NV	0	46.36	0.025	-2.5	2.5	PASS
NVNT	GPRS1900	512	1850.2	NV	10	47.46	0.026	-2.5	2.5	PASS
NVNT	GPRS1900	512	1850.2	NV	20	47.98	0.026	-2.5	2.5	PASS
NVNT	GPRS1900	512	1850.2	NV	30	48.36	0.026	-2.5	2.5	PASS
NVNT	GPRS1900	512	1850.2	NV	40	38.13	0.021	-2.5	2.5	PASS
NVNT	GPRS1900	512	1850.2	NV	50	46.56	0.025	-2.5	2.5	PASS
NVNT	GPRS1900	661	1880	NV	-30	39.84	0.021	-2.5	2.5	PASS
NVNT	GPRS1900	661	1880	NV	-20	32.51	0.017	-2.5	2.5	PASS
NVNT	GPRS1900	661	1880	NV	0	28.09	0.015	-2.5	2.5	PASS
NVNT	GPRS1900	661	1880	NV	10	35.06	0.019	-2.5	2.5	PASS
NVNT	GPRS1900	661	1880	NV	20	39.36	0.021	-2.5	2.5	PASS
NVNT	GPRS1900	661	1880	NV	30	36.77	0.020	-2.5	2.5	PASS
NVNT	GPRS1900	661	1880	NV	40	30.64	0.016	-2.5	2.5	PASS
NVNT	GPRS1900	661	1880	NV	50	34.00	0.018	-2.5	2.5	PASS
NVNT	GPRS1900	810	1909.8	NV	-30	30.54	0.016	-2.5	2.5	PASS
NVNT	GPRS1900	810	1909.8	NV	-20	33.90	0.018	-2.5	2.5	PASS
NVNT	GPRS1900	810	1909.8	NV	0	35.64	0.019	-2.5	2.5	PASS
NVNT	GPRS1900	810	1909.8	NV	10	31.61	0.017	-2.5	2.5	PASS
NVNT	GPRS1900	810	1909.8	NV	20	33.42	0.017	-2.5	2.5	PASS
NVNT	GPRS1900	810	1909.8	NV	30	33.42	0.017	-2.5	2.5	PASS
NVNT	GPRS1900	810	1909.8	NV	40	31.16	0.016	-2.5	2.5	PASS
NVNT	GPRS1900	810	1909.8	NV	50	31.48	0.016	-2.5	2.5	PASS

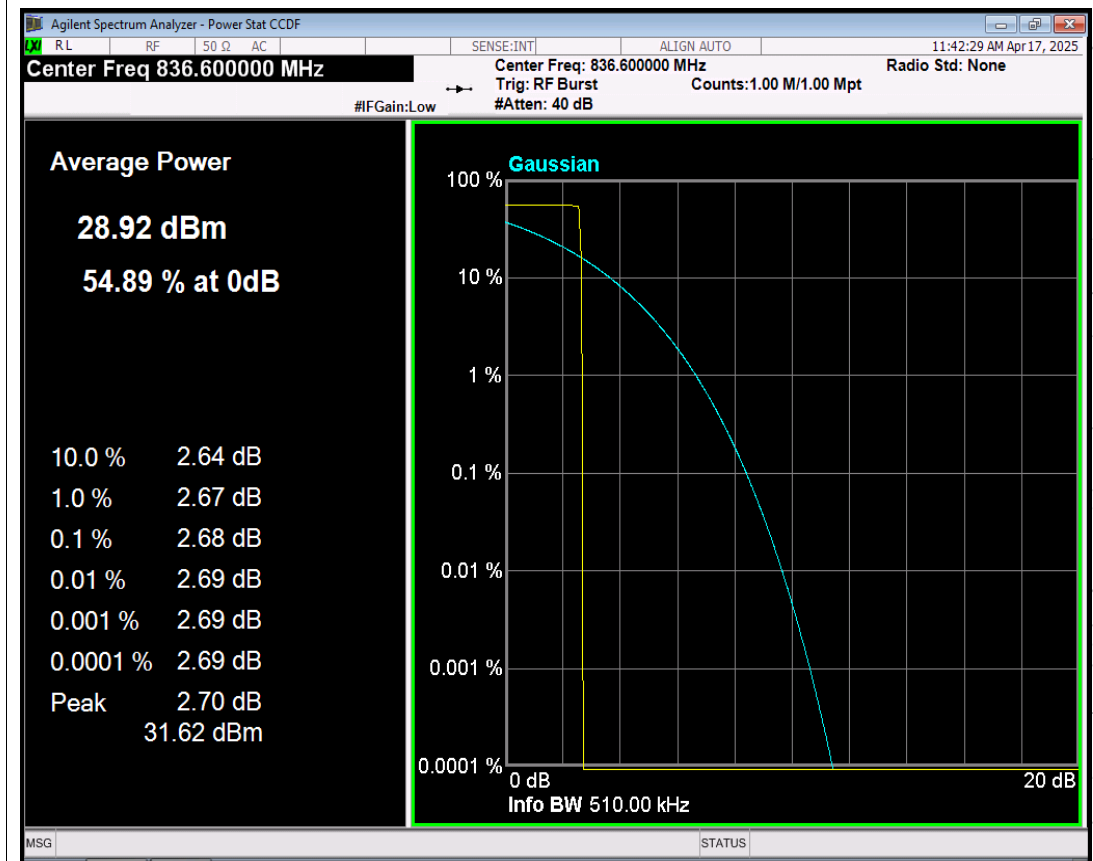
Appendix 3. Peak-to-Average Ratio

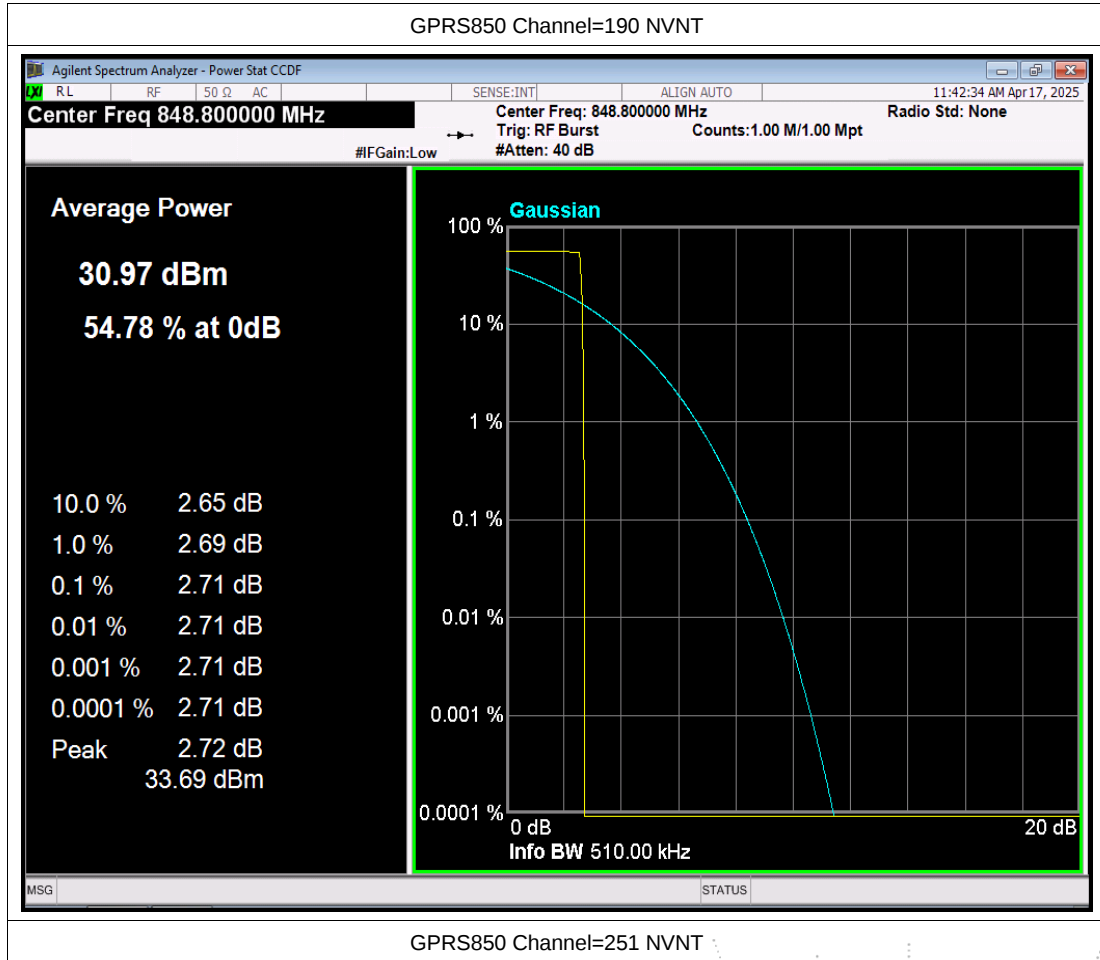
Condition	Band	Channel	Frequency (MHz)	Result (dB)	high Limit (dB)	Verdict
NVNT	GPRS850	128	824.2	2.677652654	13.00	PASS
NVNT	GPRS850	190	836.6	2.684651826	13.00	PASS
NVNT	GPRS850	251	848.8	2.705751244	13.00	PASS
NVNT	GPRS1900	512	1850.2	2.648927422	13.00	PASS
NVNT	GPRS1900	661	1880	2.649156614	13.00	PASS
NVNT	GPRS1900	810	1909.8	2.649374752	13.00	PASS





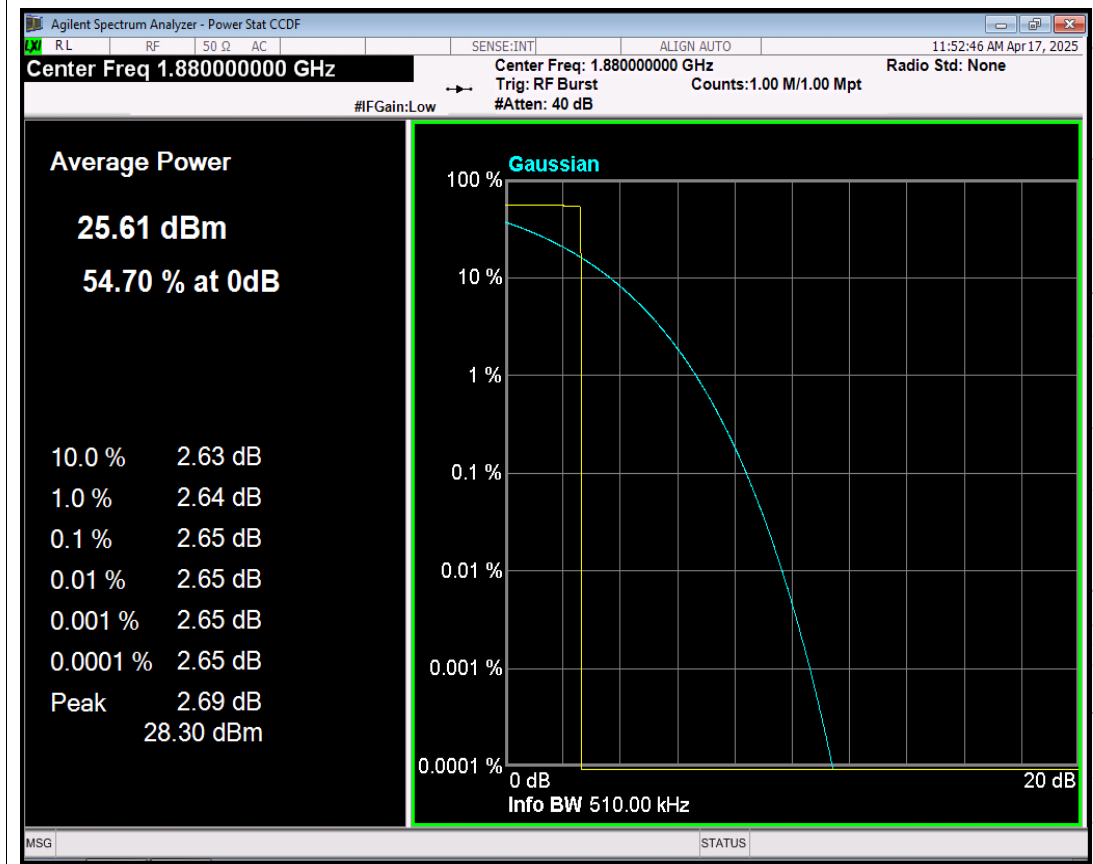
GPRS850 Channel=128 NVNT

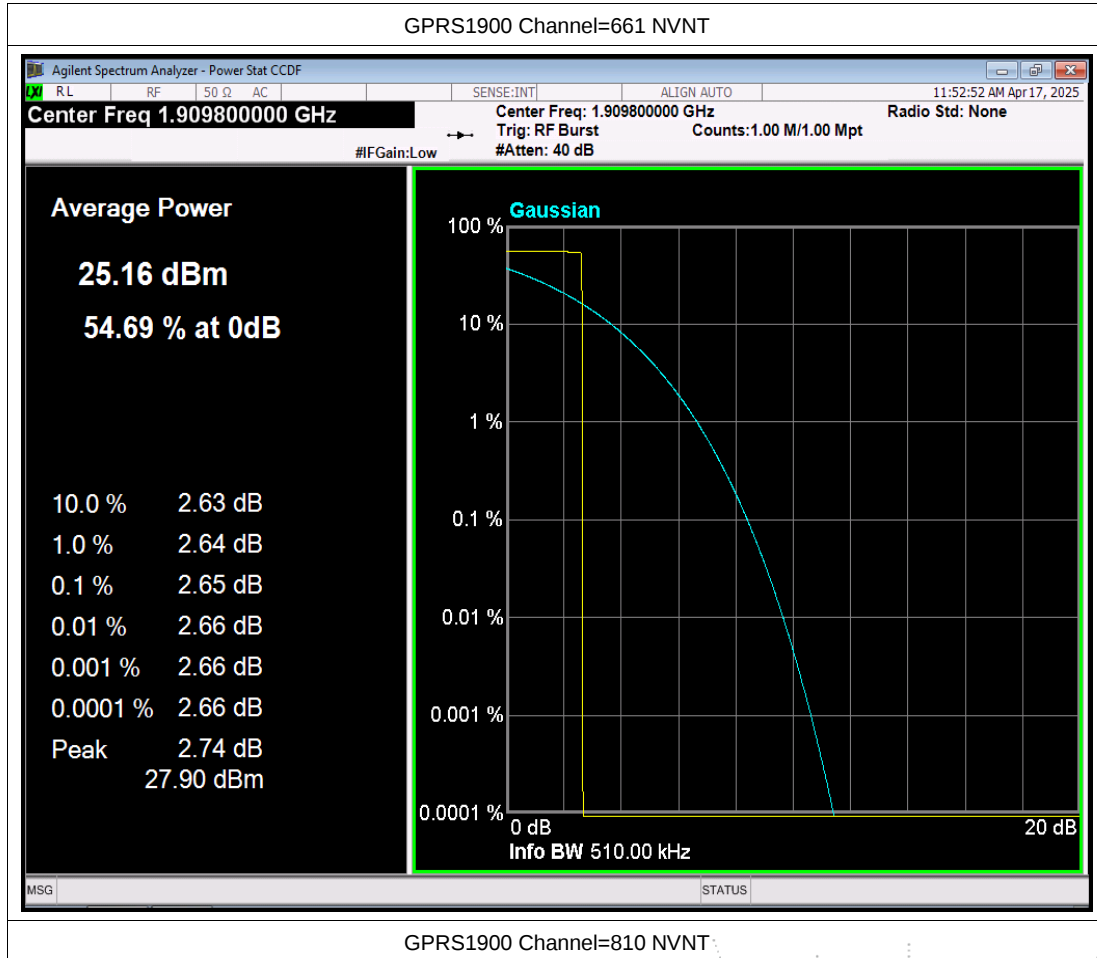






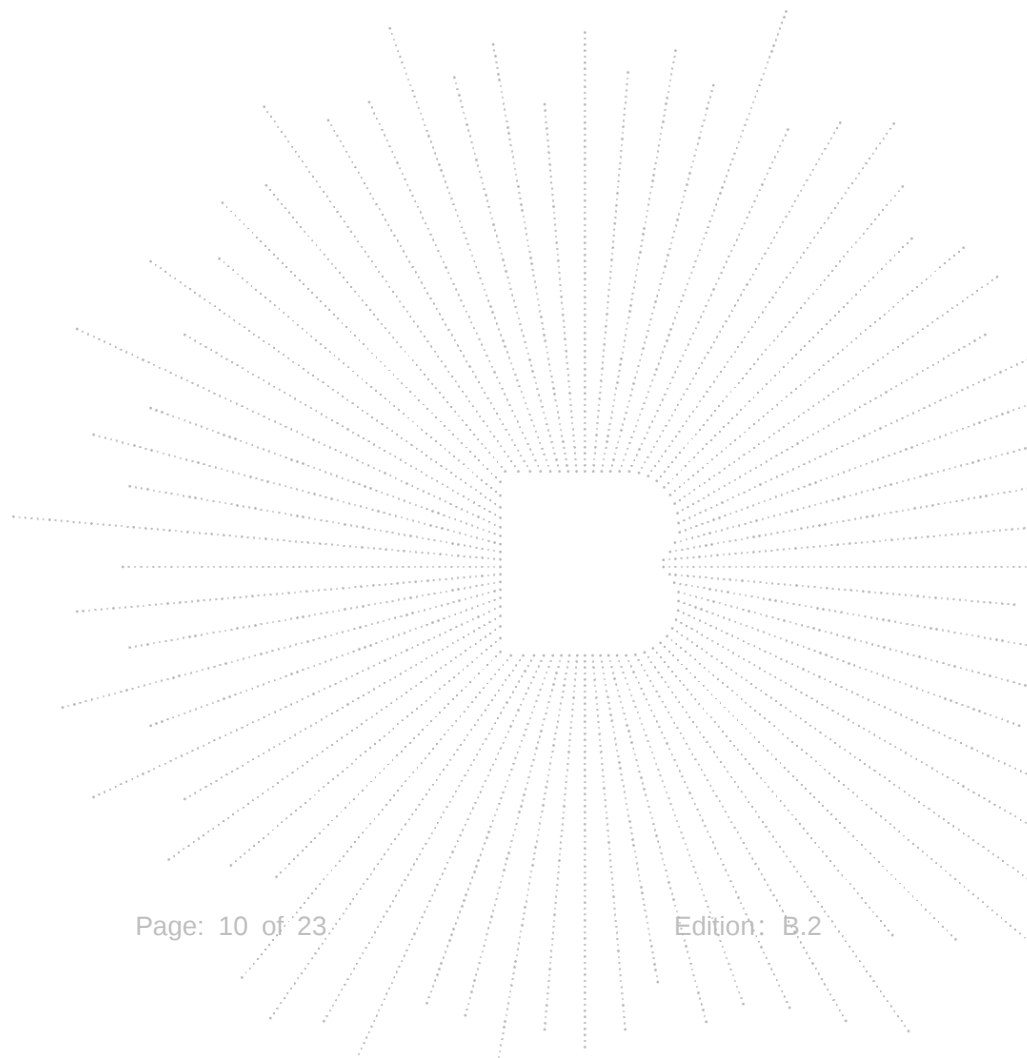
GPRS1900 Channel=512 NVNT

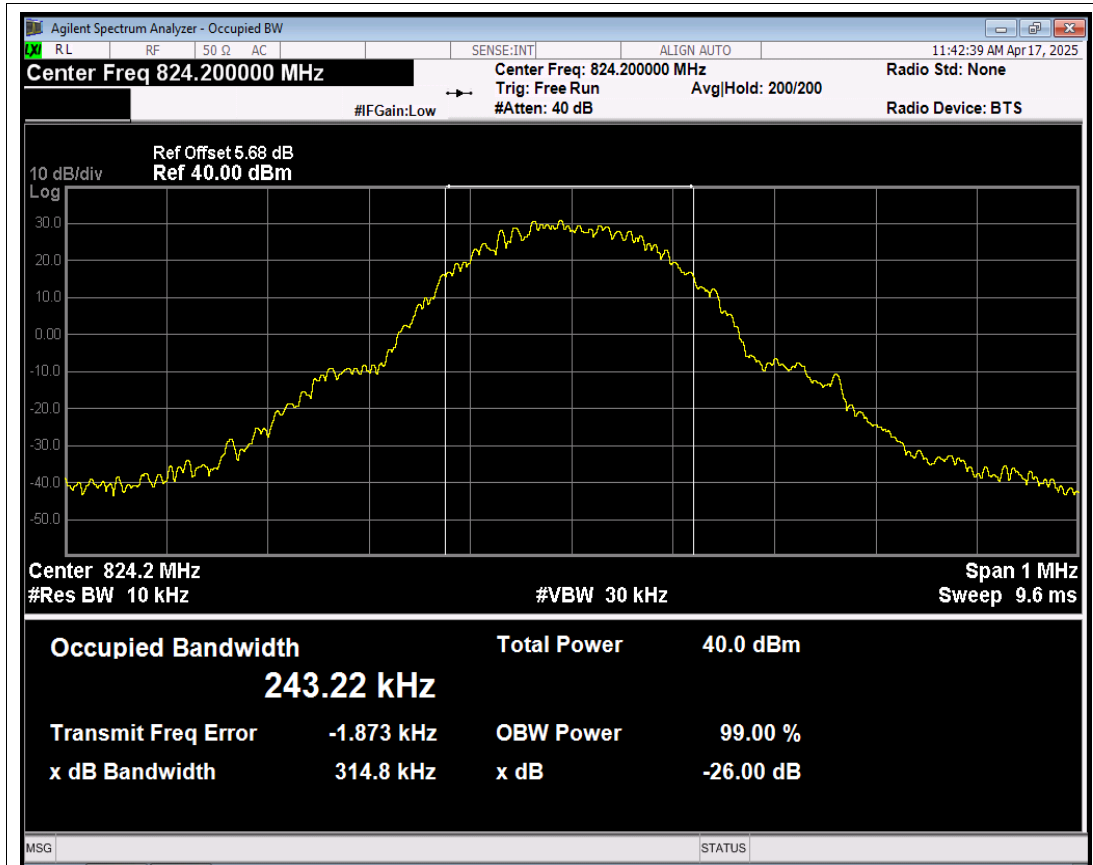




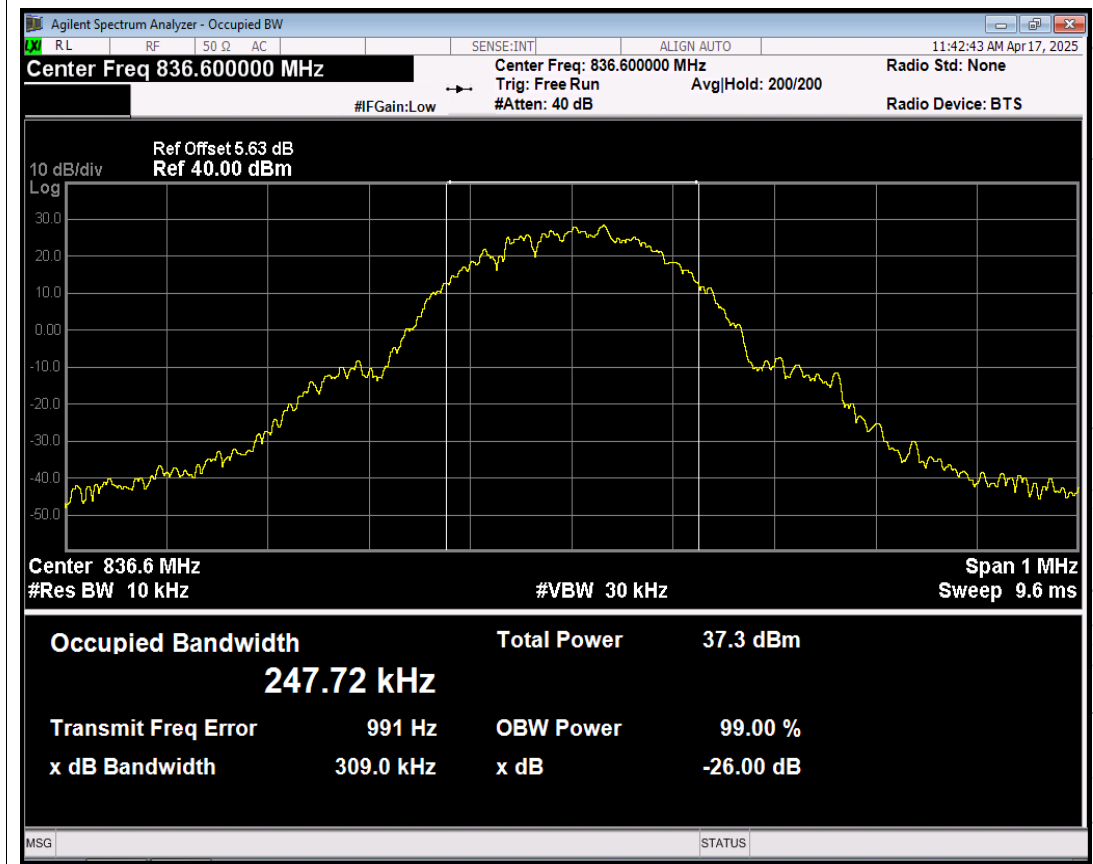
Appendix 4.Occupied bandwidth

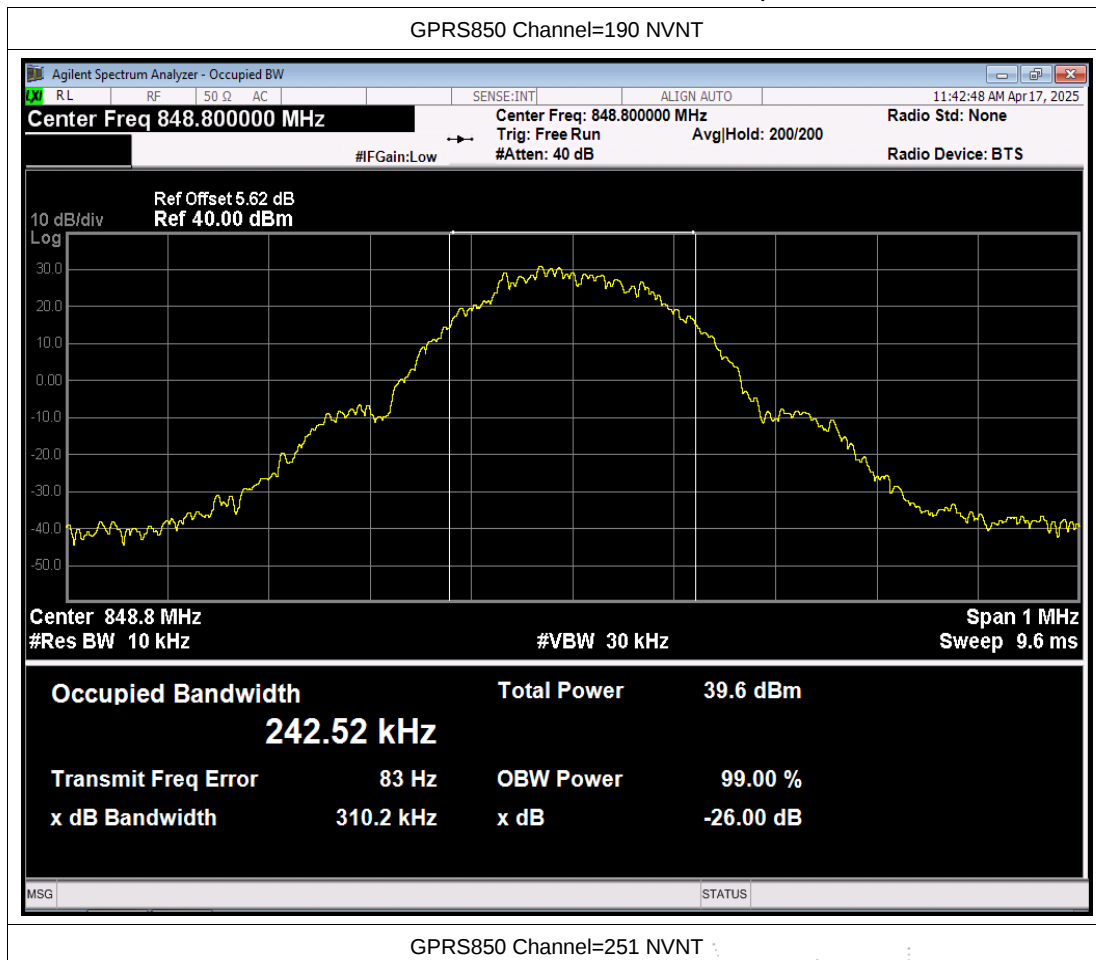
<i>Condition</i>	<i>Band</i>	<i>Channel</i>	<i>Frequency (MHz)</i>	<i>99% OBW (kHz)</i>	<i>-26dB EBW (kHz)</i>	<i>Verdict</i>
NVNT	GPRS850	128	824.2	243.218	314.800	PASS
NVNT	GPRS850	190	836.6	247.719	309.022	PASS
NVNT	GPRS850	251	848.8	242.518	310.238	PASS
NVNT	GPRS1900	512	1850.2	239.115	314.955	PASS
NVNT	GPRS1900	661	1880	246.172	316.129	PASS
NVNT	GPRS1900	810	1909.8	243.421	312.414	PASS

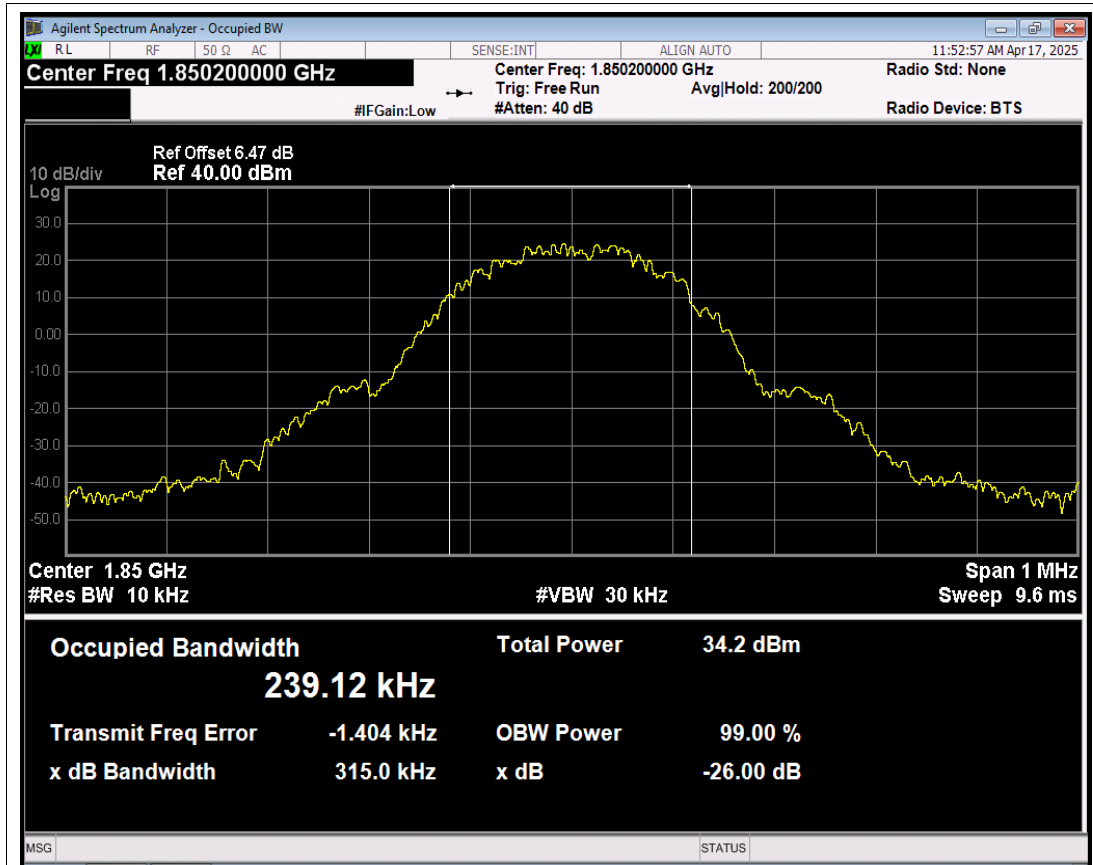




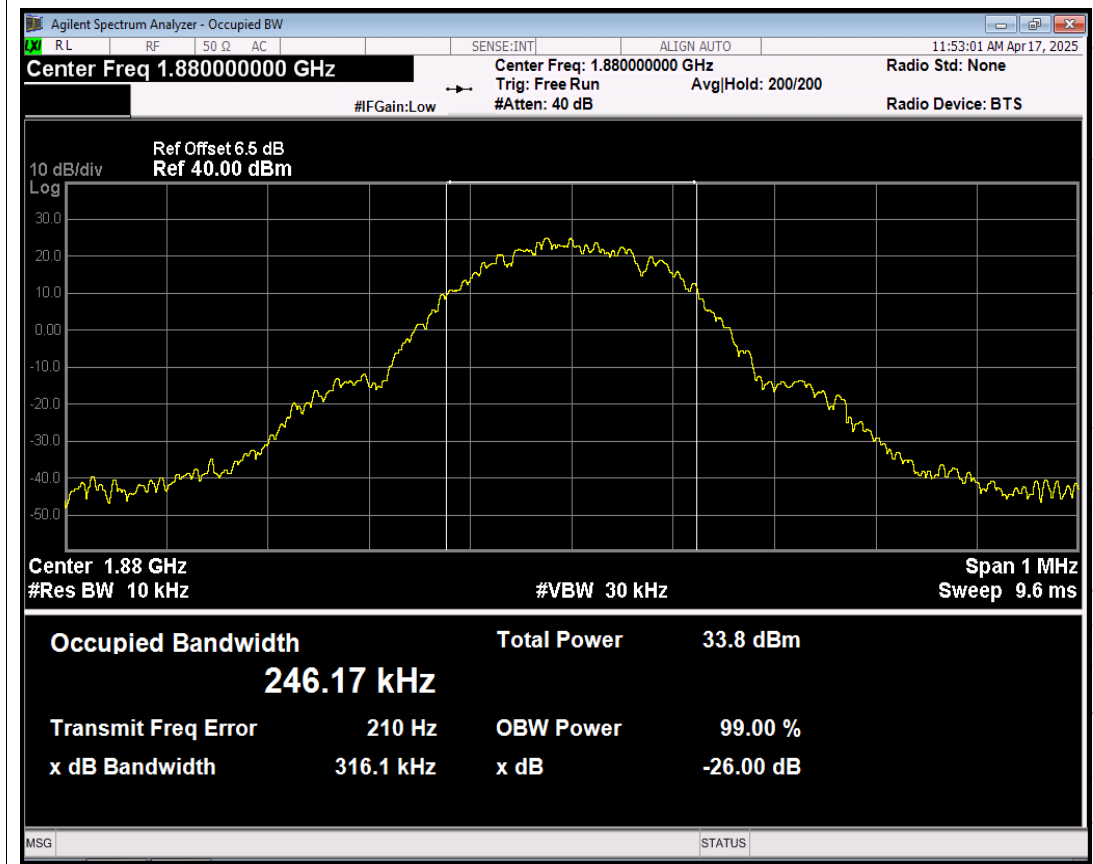
GPRS850 Channel=128 NVNT

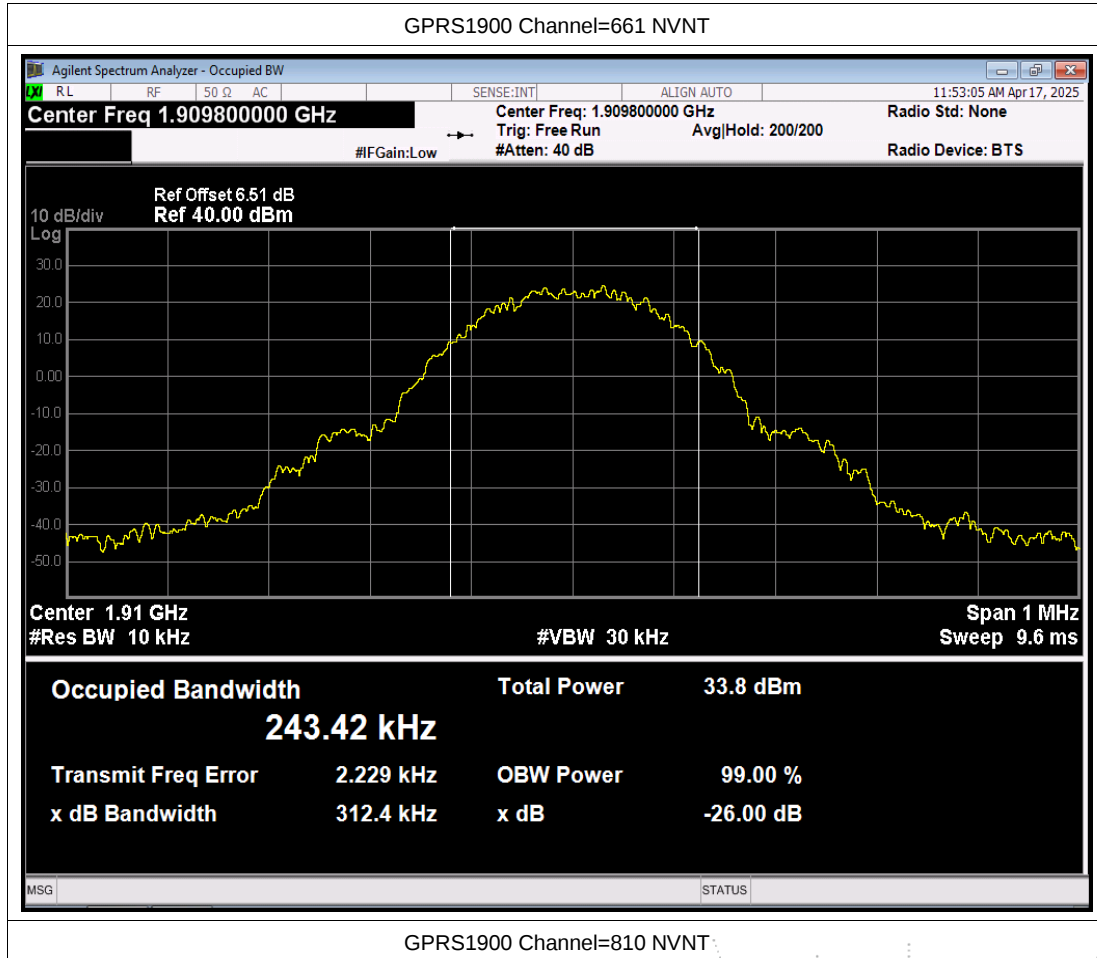






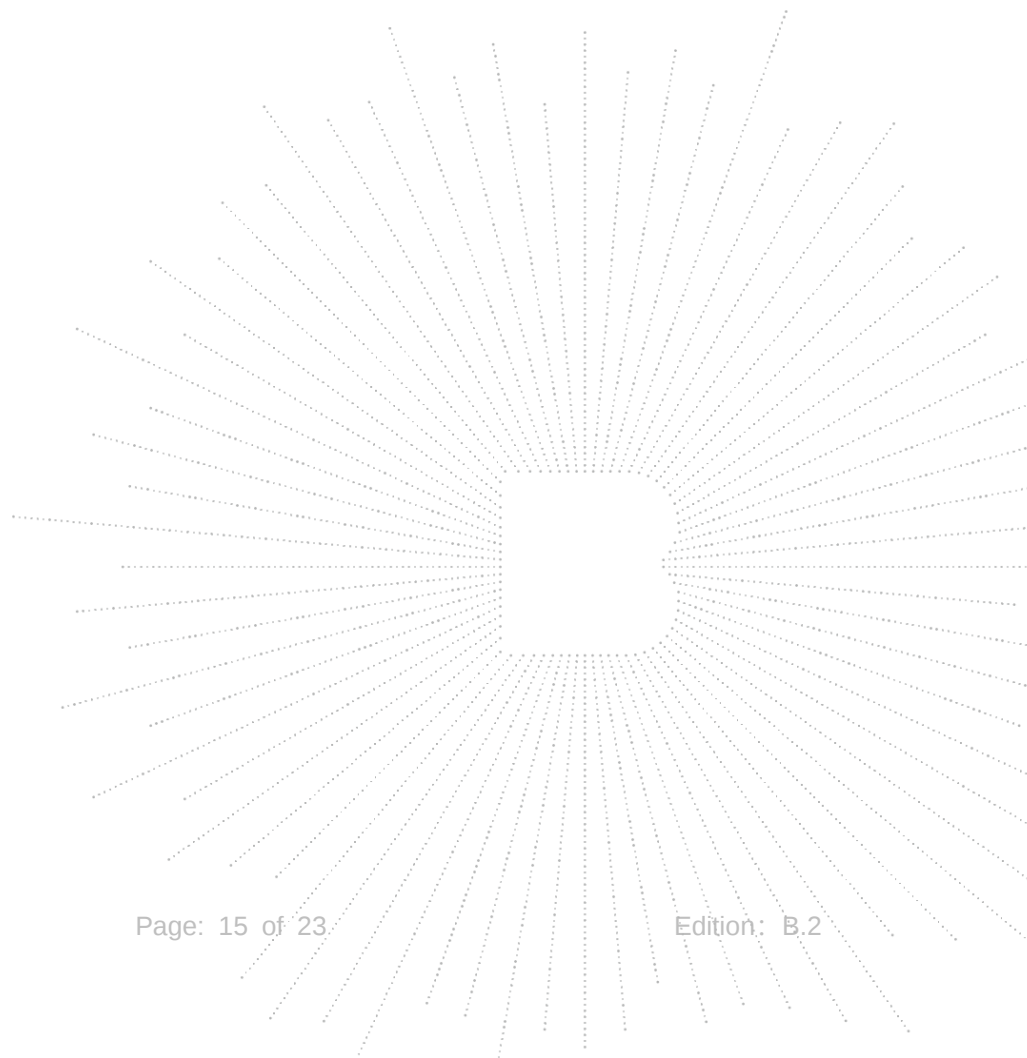
GPRS1900 Channel=512 NVNT

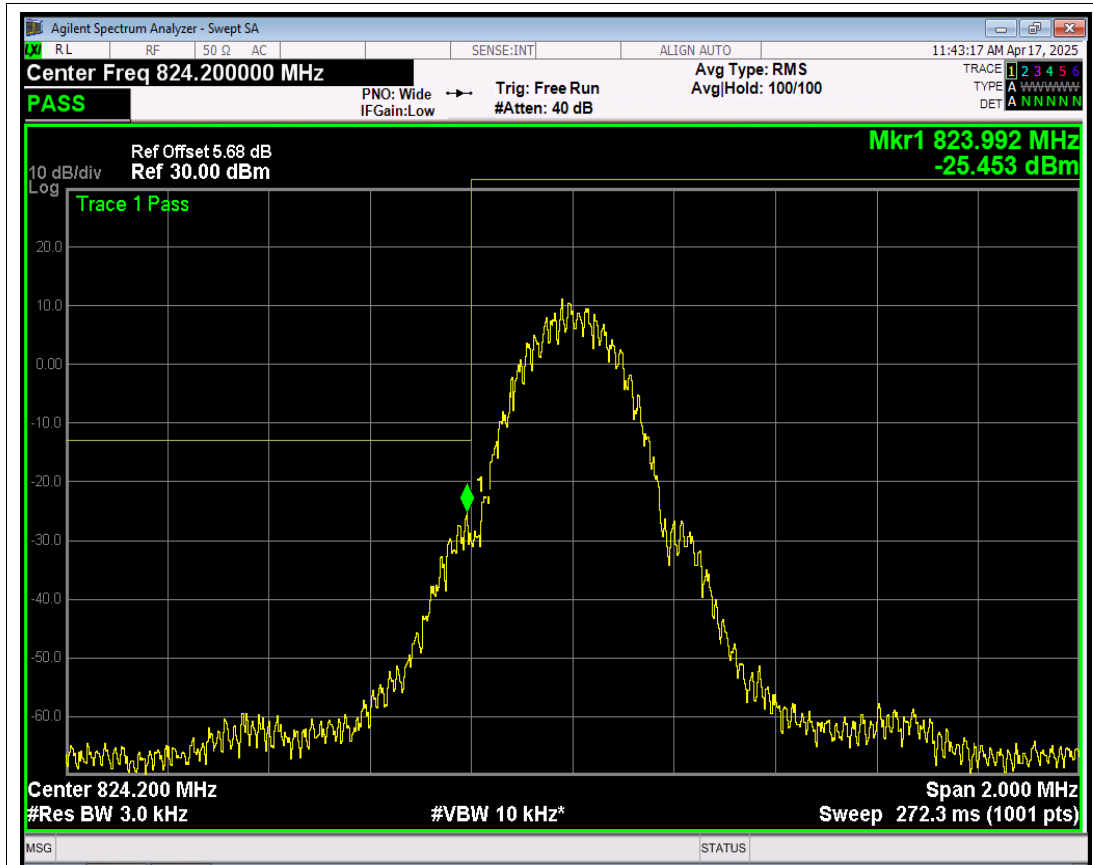




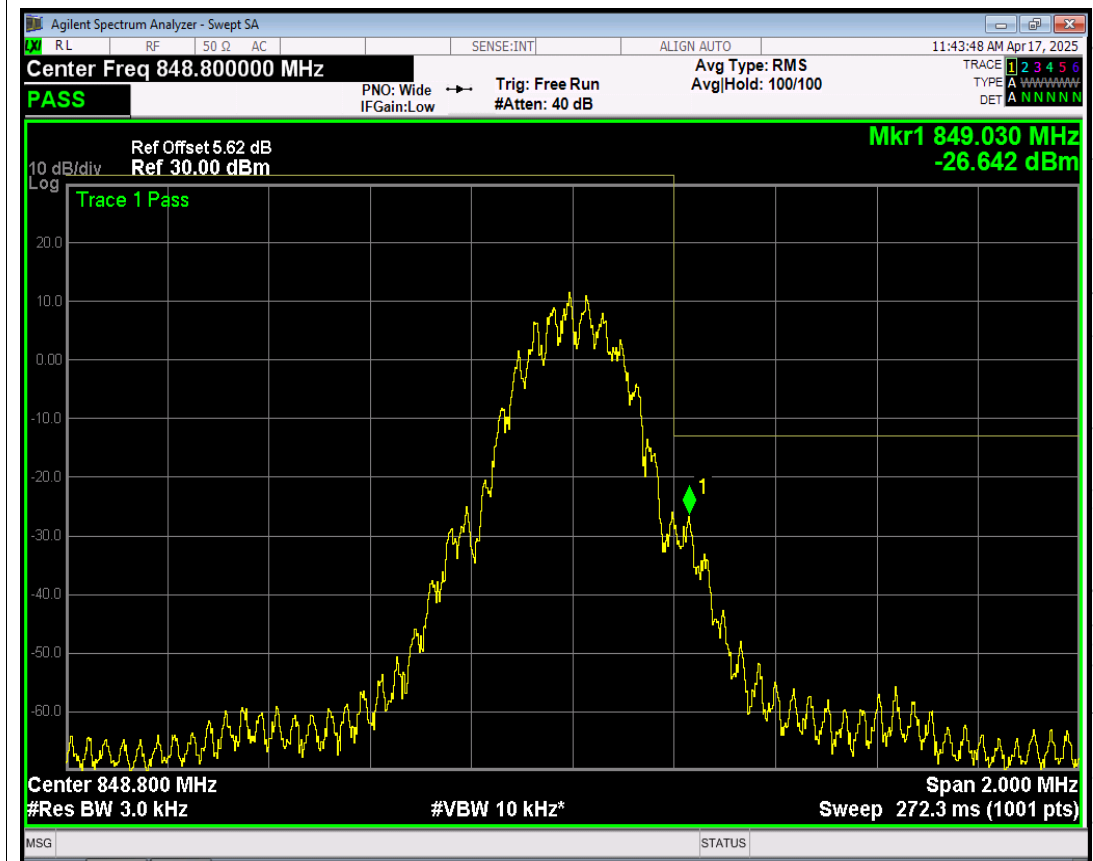
Appendix 5. Band edge

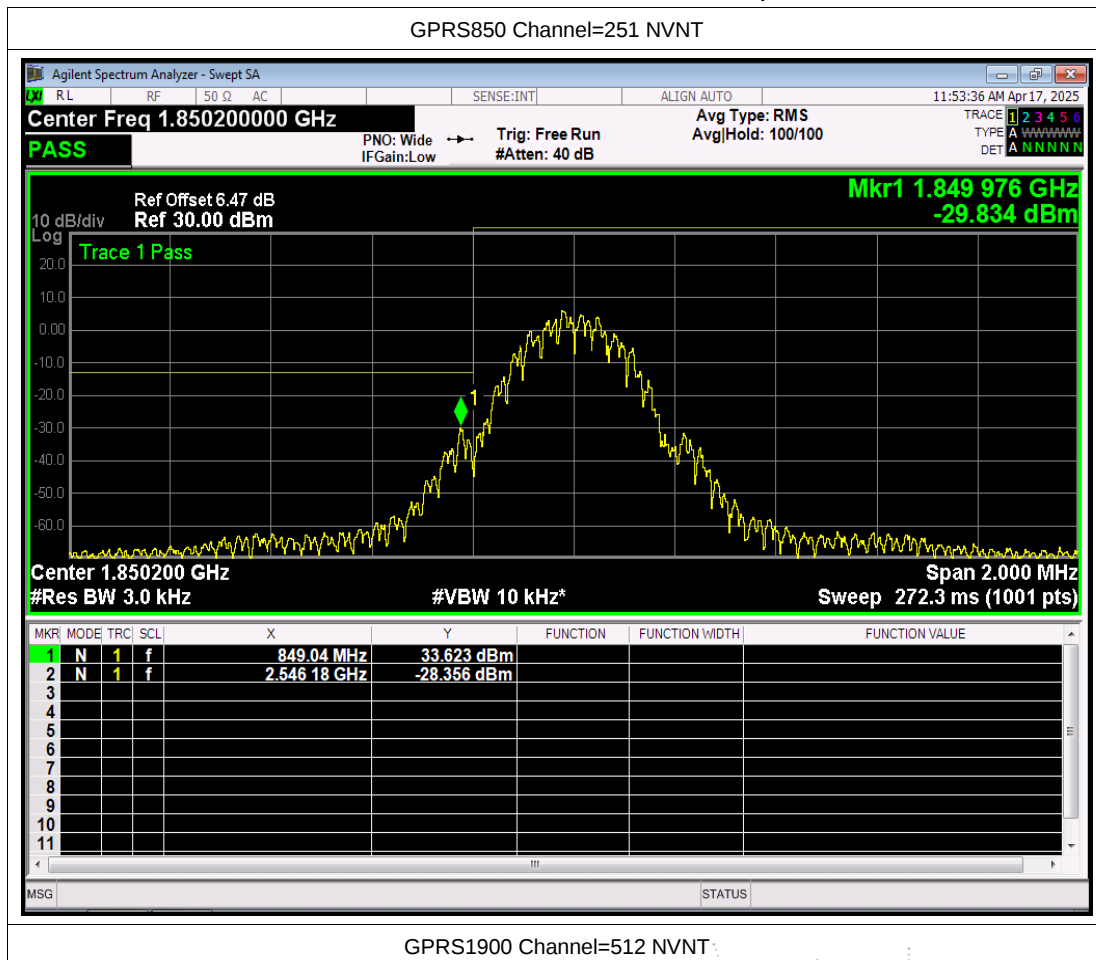
<i>Condition</i>	<i>Band</i>	<i>Channel</i>	<i>Frequency (MHz)</i>	<i>Spur Freq (MHz)</i>	<i>Spur Level (dBm)</i>	<i>Limit (dBm)</i>	<i>Verdict</i>
NVNT	GPRS850	128	824.2	823.99	-25.45	-13	PASS
NVNT	GPRS850	251	848.8	849.03	-26.64	-13	PASS
NVNT	GPRS1900	512	1850.2	1849.98	-29.83	-13	PASS
NVNT	GPRS1900	810	1909.8	1910.02	-32.12	-13	PASS

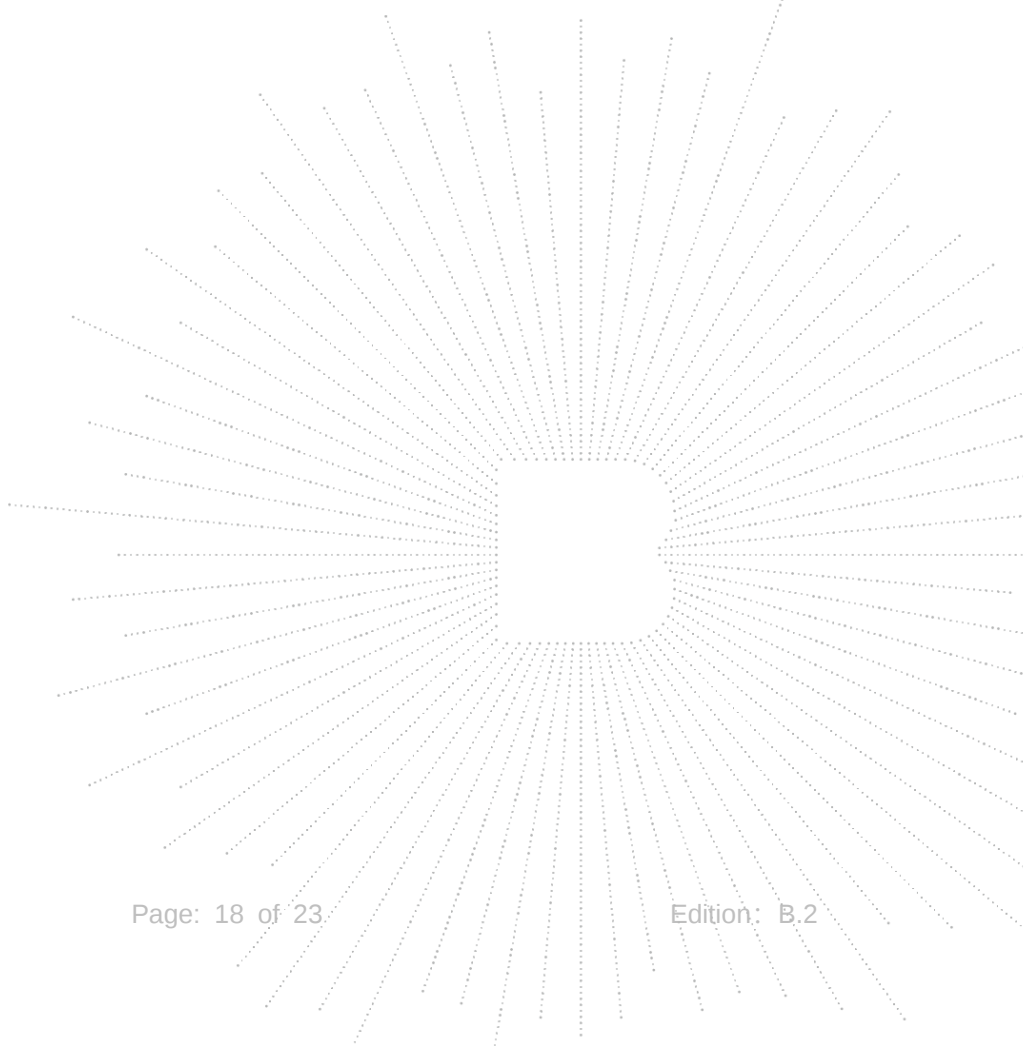
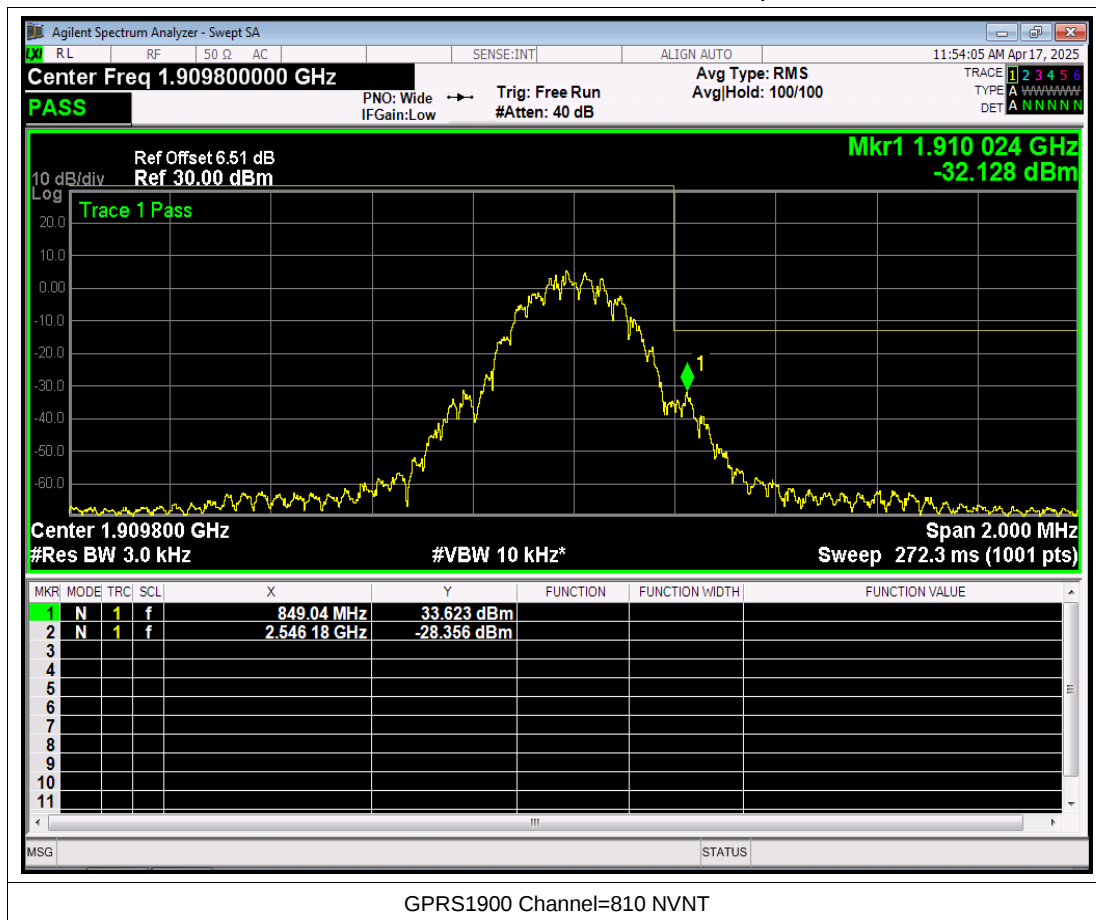




GPRS850 Channel=128 NVNT

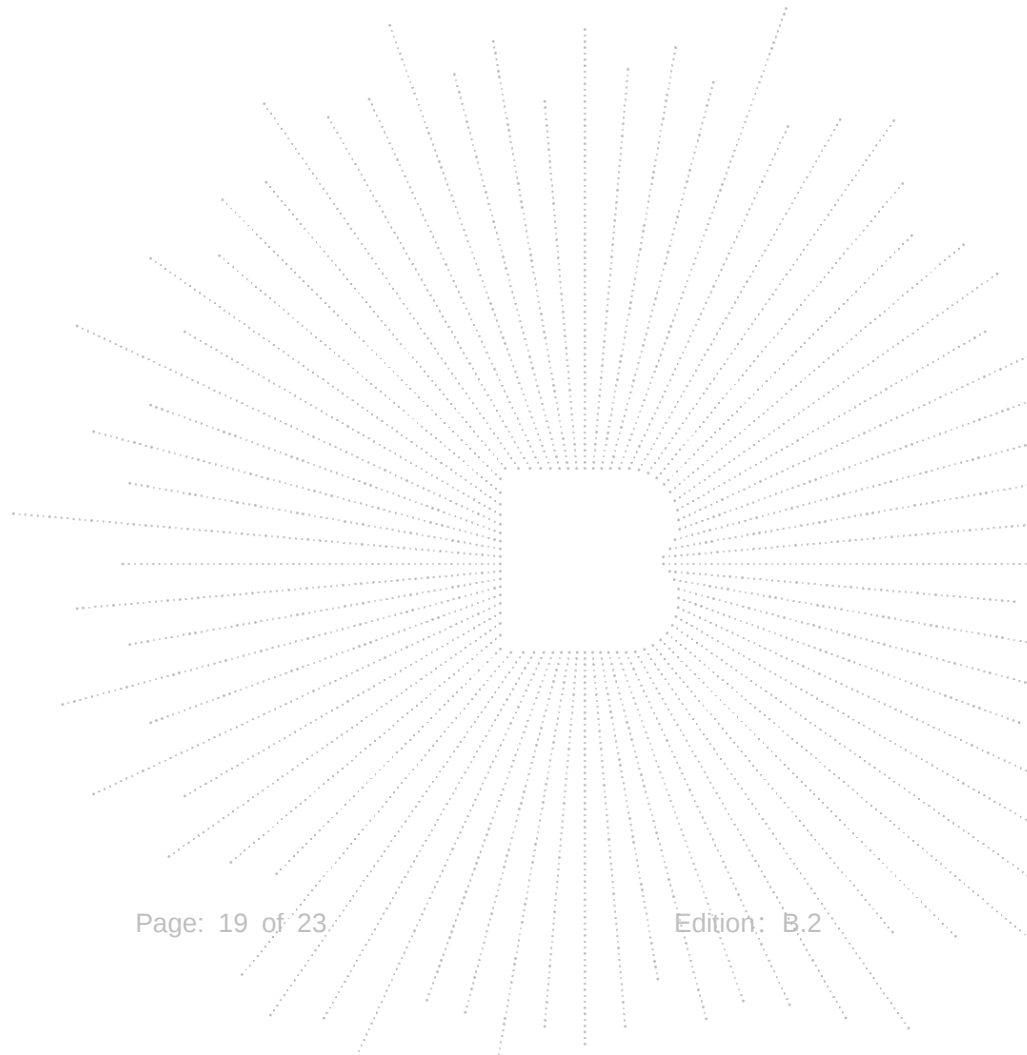


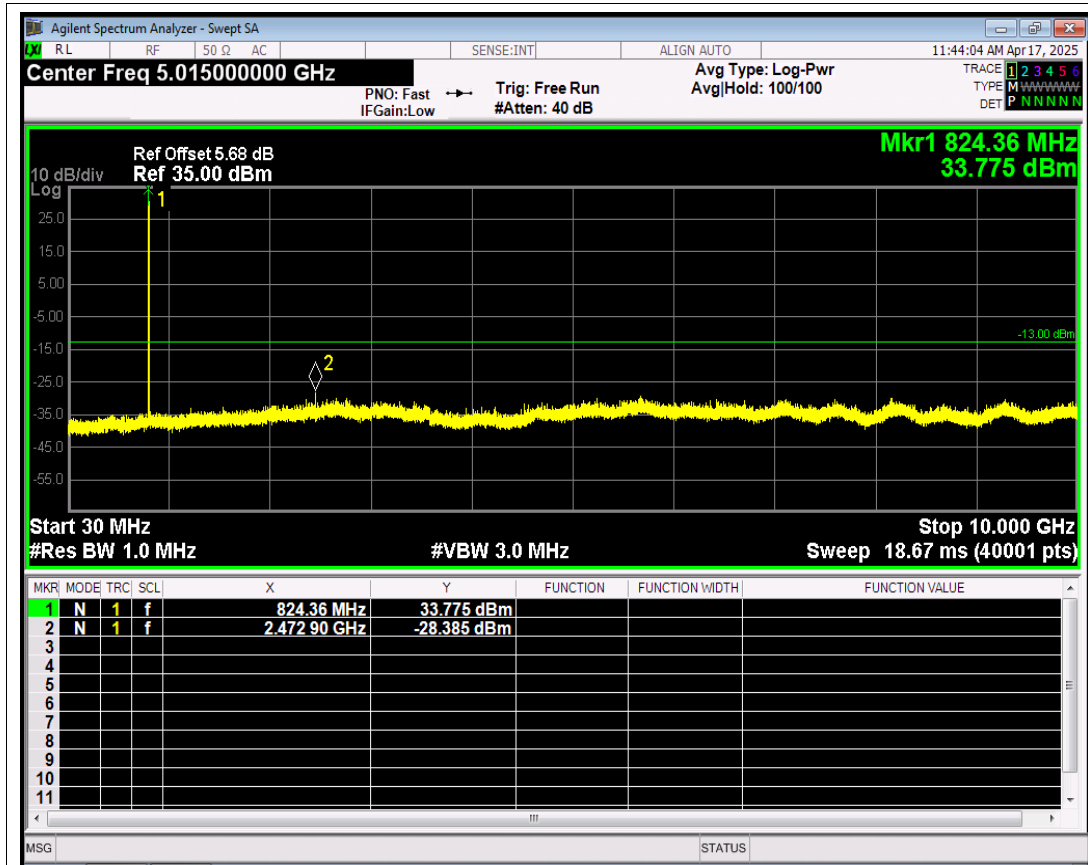




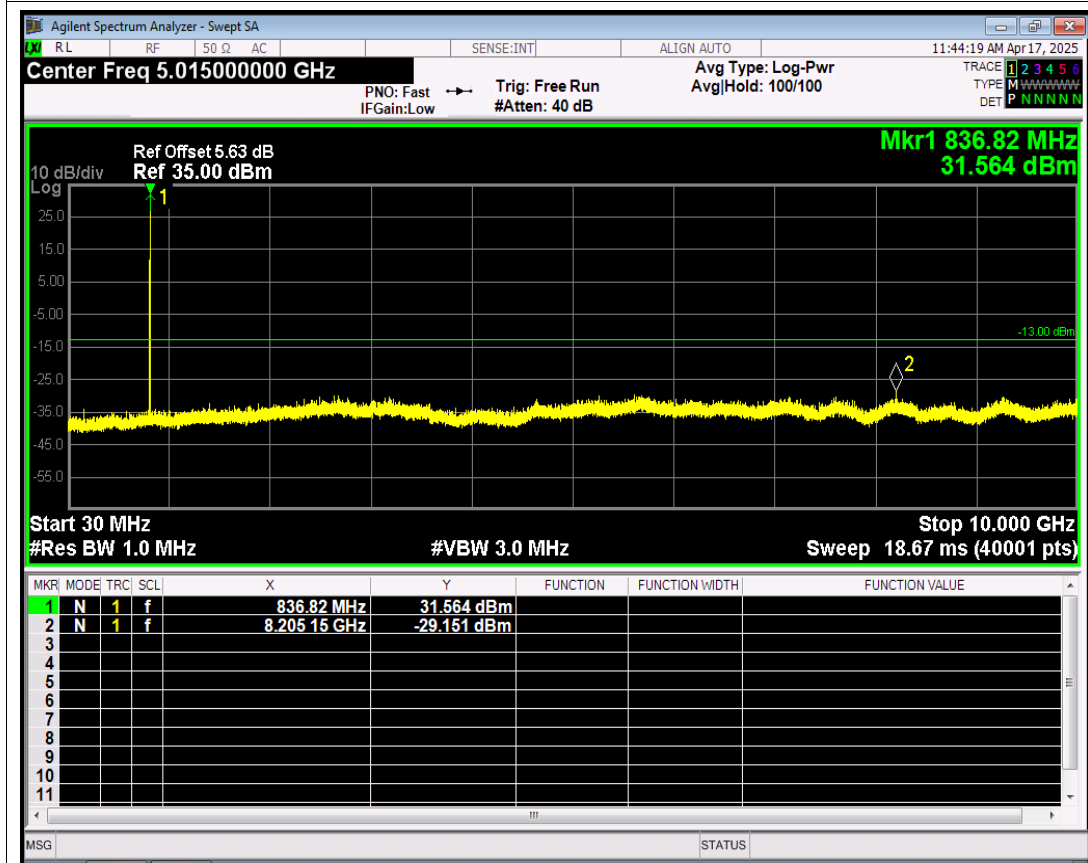
Appendix 6.Out-of-band emissions

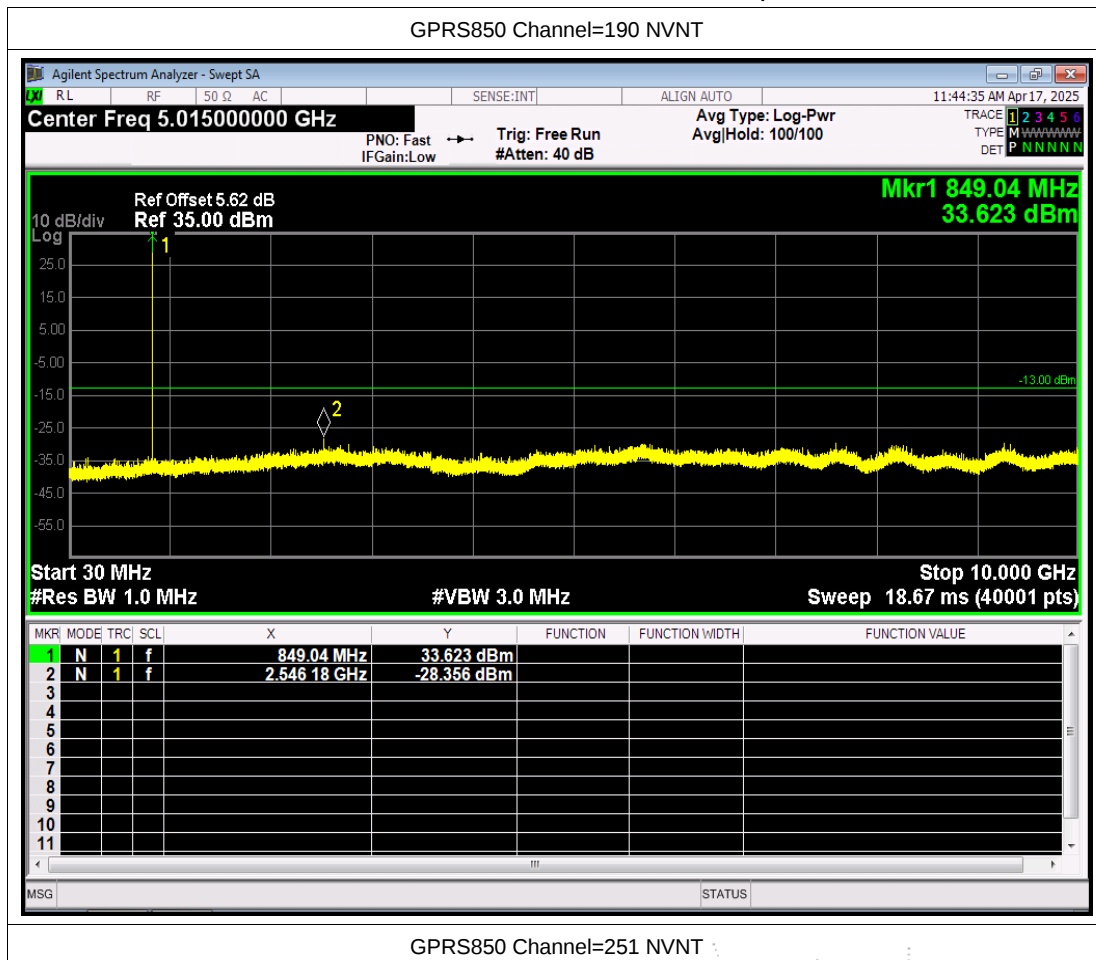
<i>Condition</i>	<i>Band</i>	<i>Channel</i>	<i>Frequency (MHz)</i>	<i>Spur Freq (MHz)</i>	<i>Spur Level (dBm)</i>	<i>Limit (dBm)</i>	<i>Verdict</i>
NVNT	GPRS850	128	824.2	2472.90	-28.38	-13	PASS
NVNT	GPRS850	190	836.6	8205.15	-29.15	-13	PASS
NVNT	GPRS850	251	848.8	2546.18	-28.35	-13	PASS
NVNT	GPRS1900	512	1850.2	19345.98	-23.73	-13	PASS
NVNT	GPRS1900	661	1880	19335.00	-24.35	-13	PASS
NVNT	GPRS1900	810	1909.8	16454.83	-24.72	-13	PASS

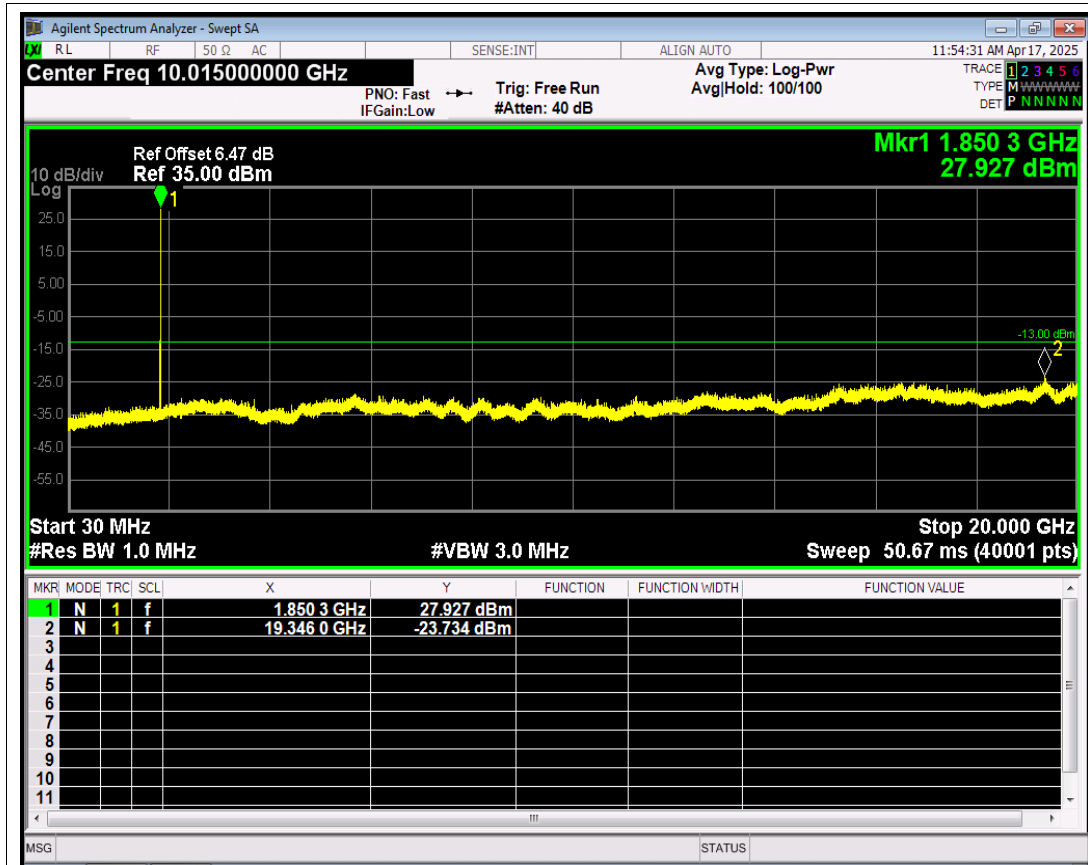




GPRS850 Channel=128 NVNT







GPRS1900 Channel=512 NVNT

