

Report Number: 06-0011

Issue Date: April 18, 2006

Customer: Sicom test s.r.l.

Model: GM862-QUAD / GM862-QUAD-PY Modular Transmitter

2.10 Spurious Emissions at Antenna Terminals (FCC Section 2.1051)

Spurious emissions appearing at the antenna terminals were measured with a spectrum analyzer by connecting the spectrum analyzer directly via a short cable to the antenna output terminals or across the antenna leads on the PCB as specified by the manufacturer. All transmit frequency ranges were reviewed at low, mid and high channels. Worst case results are shown in Figures 6a – 6d.

FCC Minimum Standard (FCC Section 24.238)

On any frequency outside a licensee's frequency block, the power of any transmission shall be attenuated below the transmitter power (P) by at least $43 + 10 \log (P)$ dB (-13 dB).

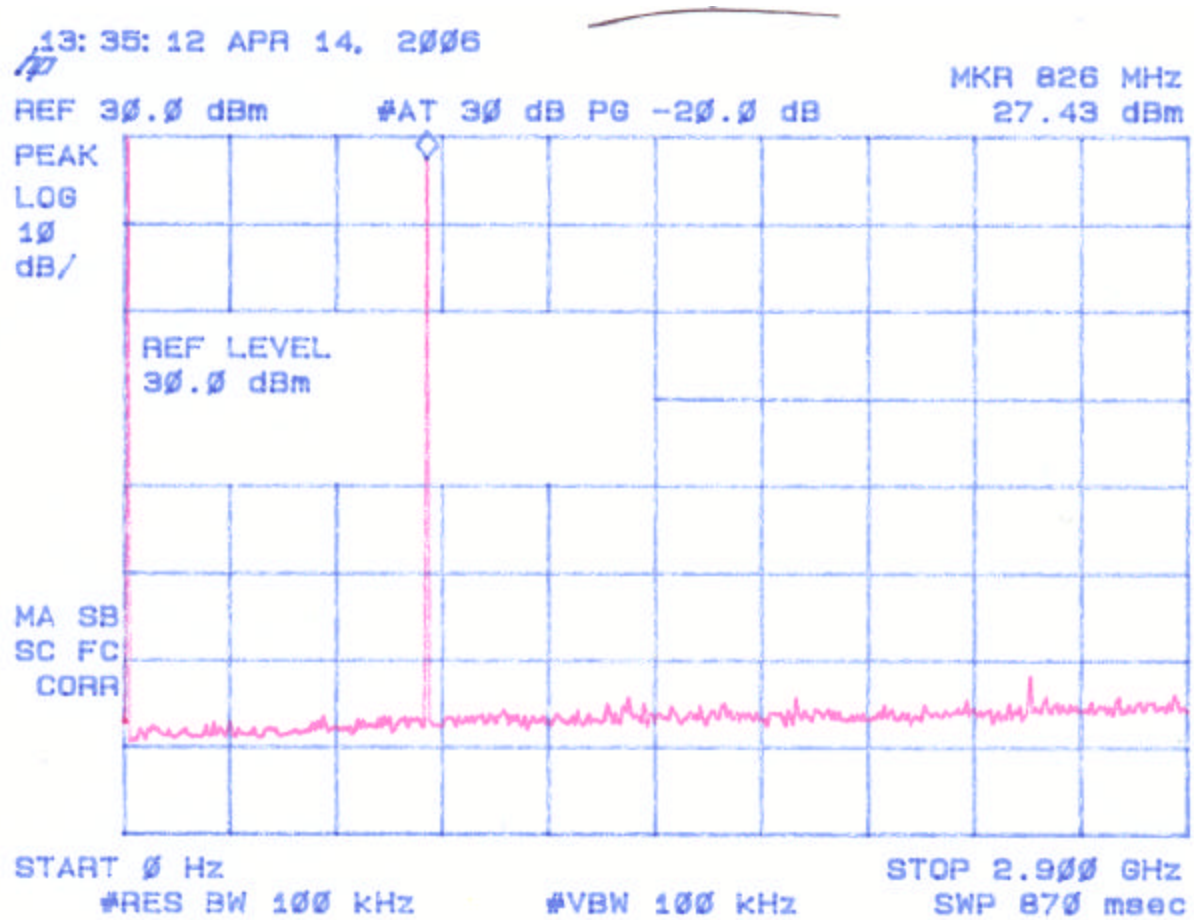
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Figure 6a.
Spurious Emissions at Antenna Terminals



Note: Frequency shown represents Fundamental Frequency

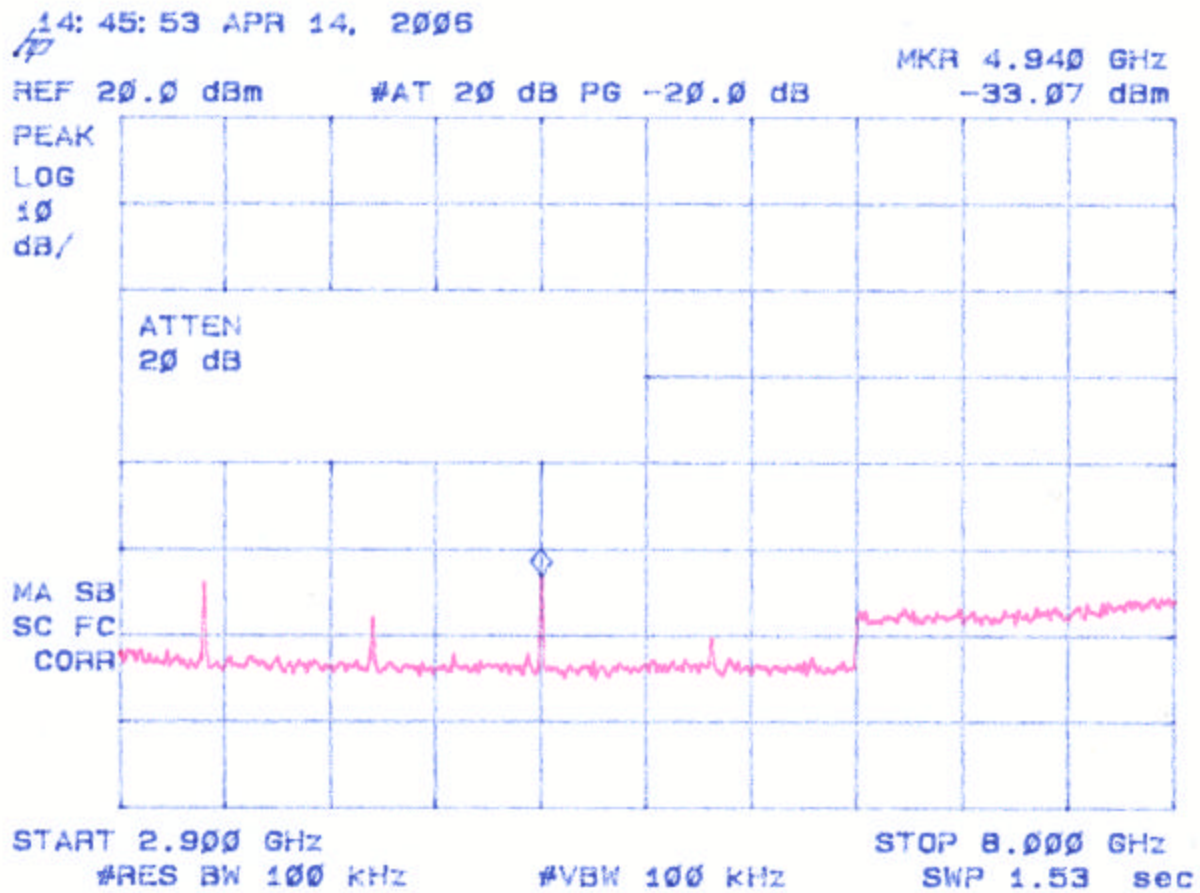
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Figure 6b.
Spurious Emissions at Antenna Terminals



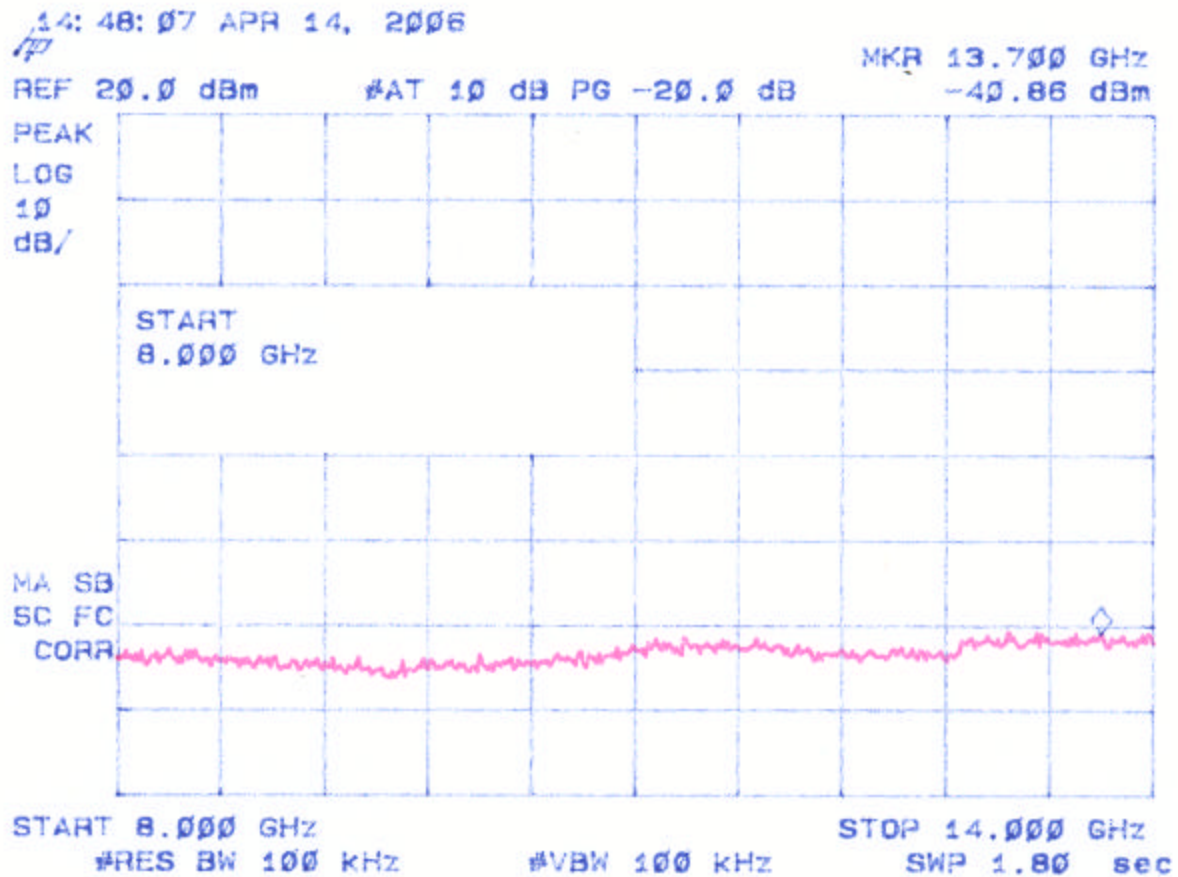
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Figure 6c.
Spurious Emissions at Antenna Terminals



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Figure 6d.
Spurious Emissions at Antenna Terminals

