

Report Number: 06-0011

Issue Date: April 18, 2006

Customer: Sicom test s.r.l.

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

2.8 Band-Edge Compliance (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.

Report Number: 06-0011

Issue Date: April 18, 2006

Customer: Sicom test s.r.l.

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

TABLE 5
BAND-EDGE COMPLIANCE

Frequency (MHz)	Level (dBm)	Limit (dBm)
< 824	--19.41*	-13
> 849	-22.93*	-13
< 1850	-13.94**	-13
> 1910	-16.66**	-13

*=2.64 dB added for Cable and Attenuator Loss

**=1.07 dB added for Cable and Attenuator Loss

Test Date: April 14, 2006**Tester****Signature:** **Name:** Austin Thompson

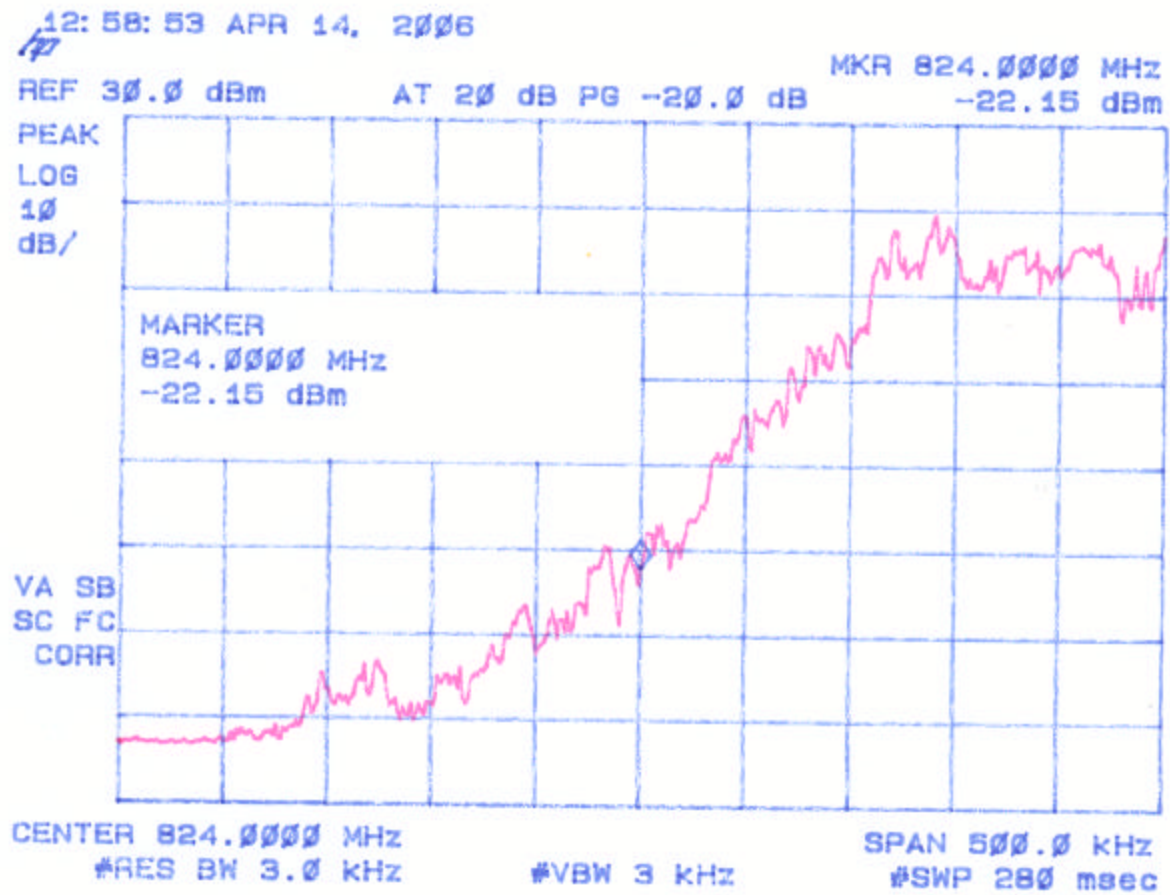
Report Number: 06-0011

Issue Date: April 18, 2006

Customer: Sicom test s.r.l.

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

Figure 4a.
Band Edge Compliance



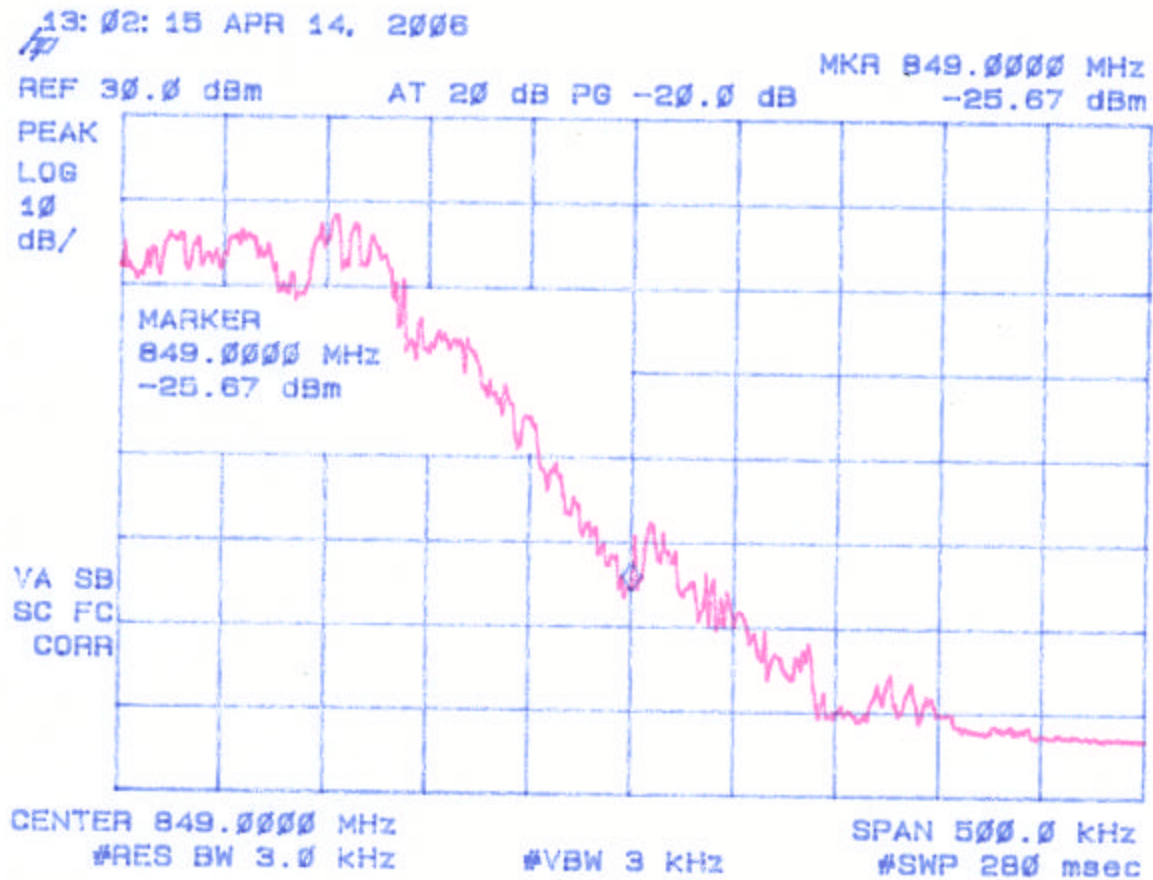
Report Number: 06-0011

Issue Date: April 18, 2006

Customer: Sicom test s.r.l.

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

Figure 4b.
Band Edge Compliance



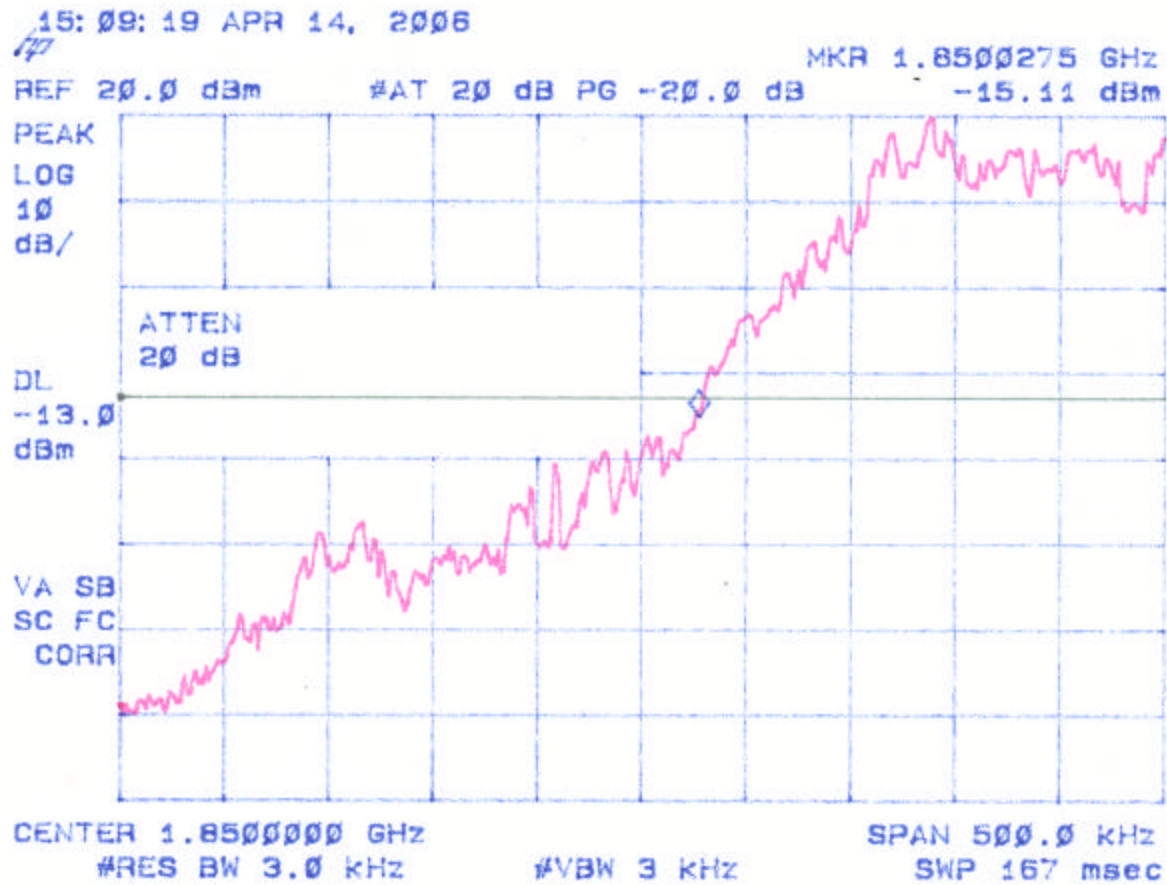
Report Number: 06-0011

Issue Date: April 18, 2006

Customer: Sicom test s.r.l.

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

Figure 4c.
Band Edge Compliance



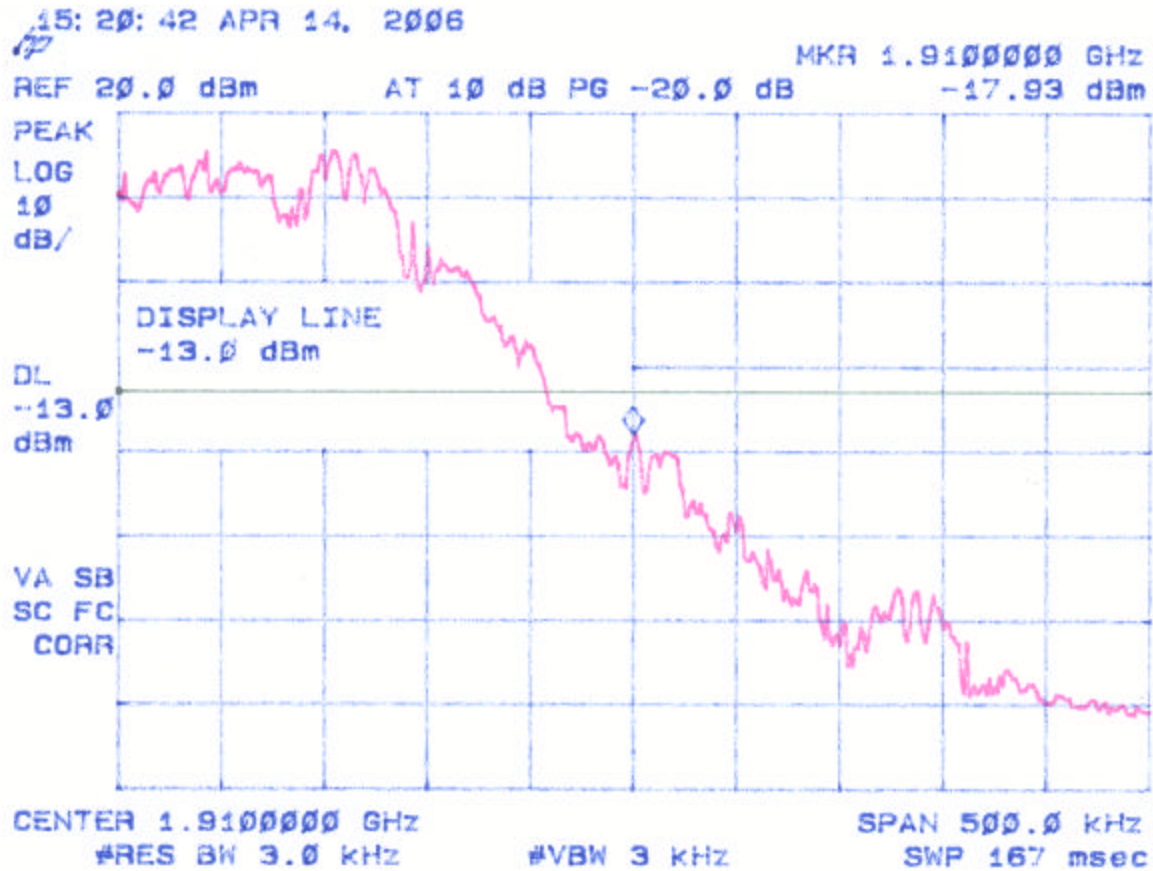
Report Number: 06-0011

Issue Date: April 18, 2006

Customer: Sicom test s.r.l.

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

Figure 4d.
Band Edge Compliance



Report Number: 06-0011

Issue Date: April 18, 2006

Customer: Sicom test s.r.l.

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

2.9 Occupied Bandwidth (FCC Section 2.1049)

EUT was modulated by its own internal sources. Low, Middle and High Channels were tested. The bandwidth of the fundamental was measured using a spectrum analyzer. The results are shown in Figure 5a through Figure 5f. Long sweep times were applied near to the fundamental to ensure a good signal was obtained.

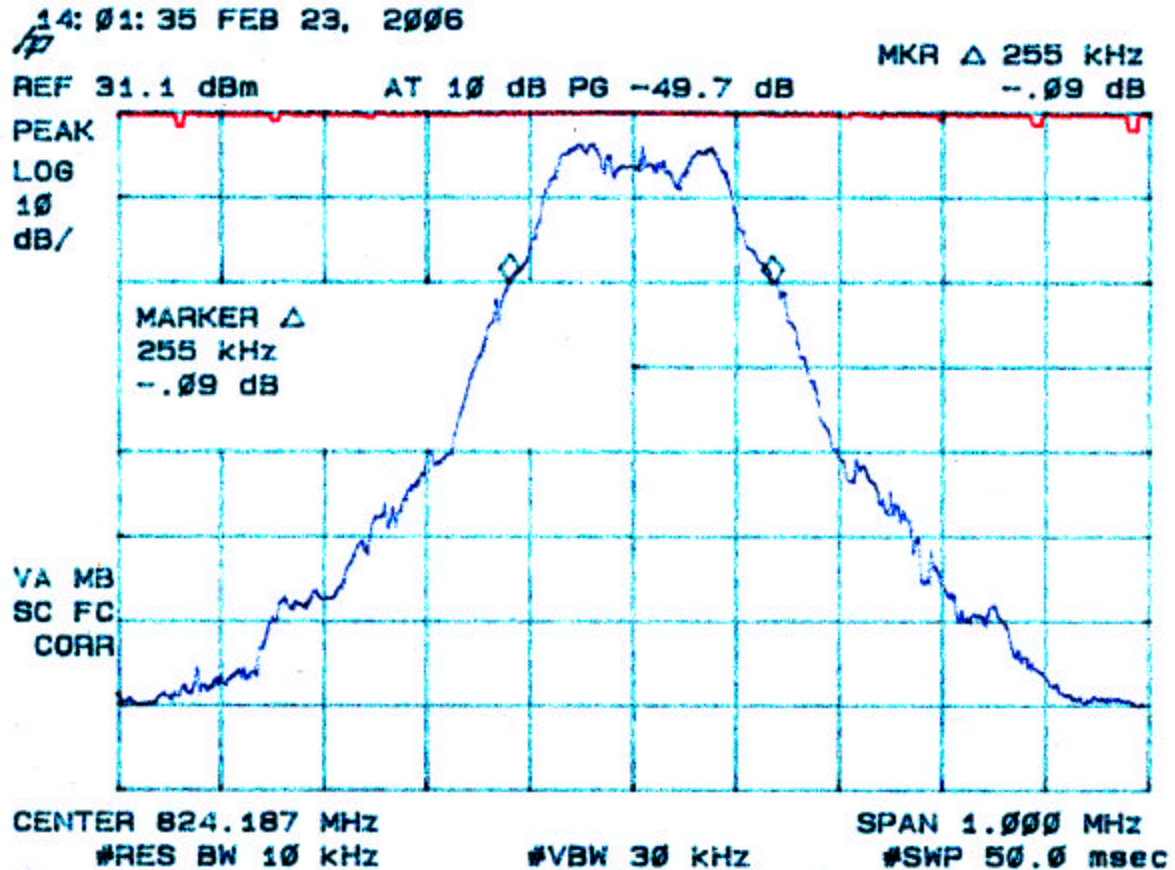
Report Number: 06-0011

Issue Date: April 18, 2006

Customer: Sicom test s.r.l.

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

Figure 5a.
Band Width Compliance - Low
824 MHz to 848 MHz Range



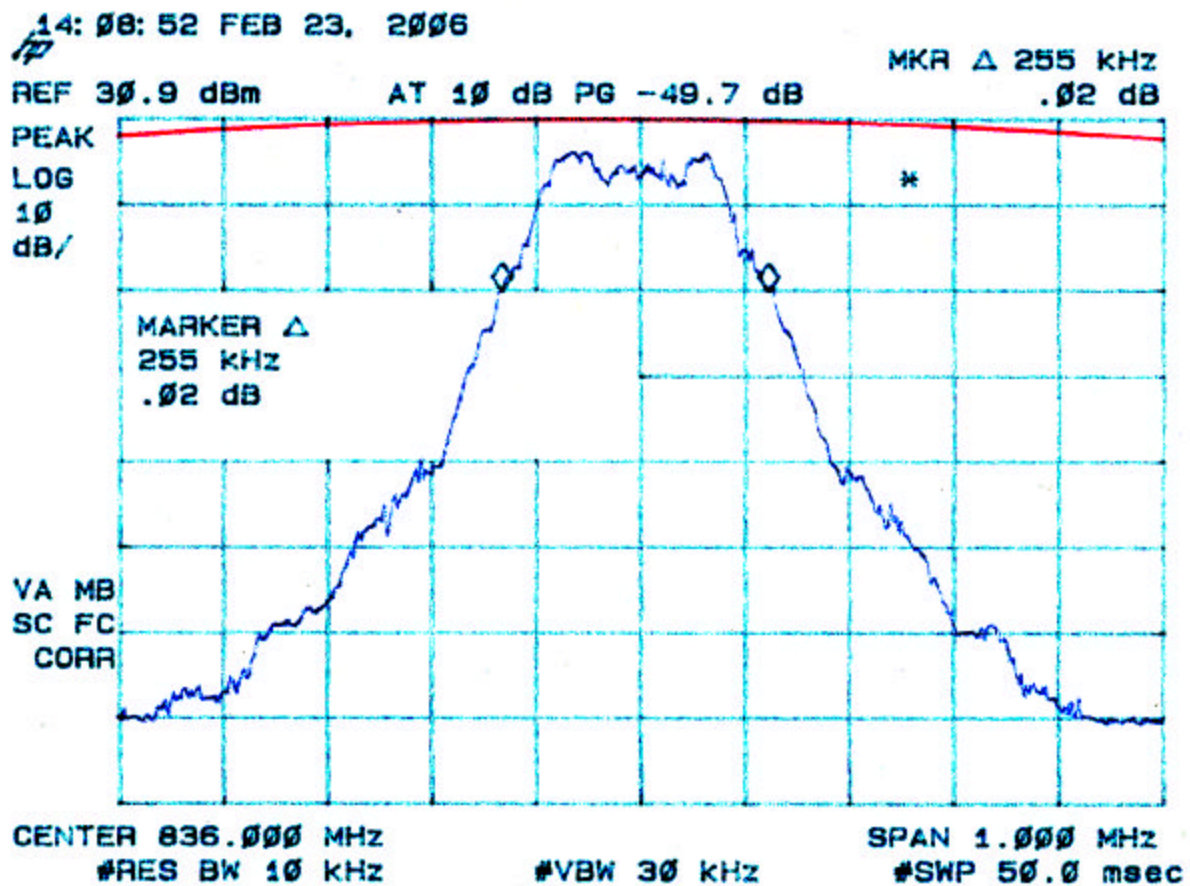
Report Number: 06-0011

Issue Date: April 18, 2006

Customer: Sicom test s.r.l.

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

Figure 5b.
Band Width Compliance - Low
824 MHz to 848 MHz Range



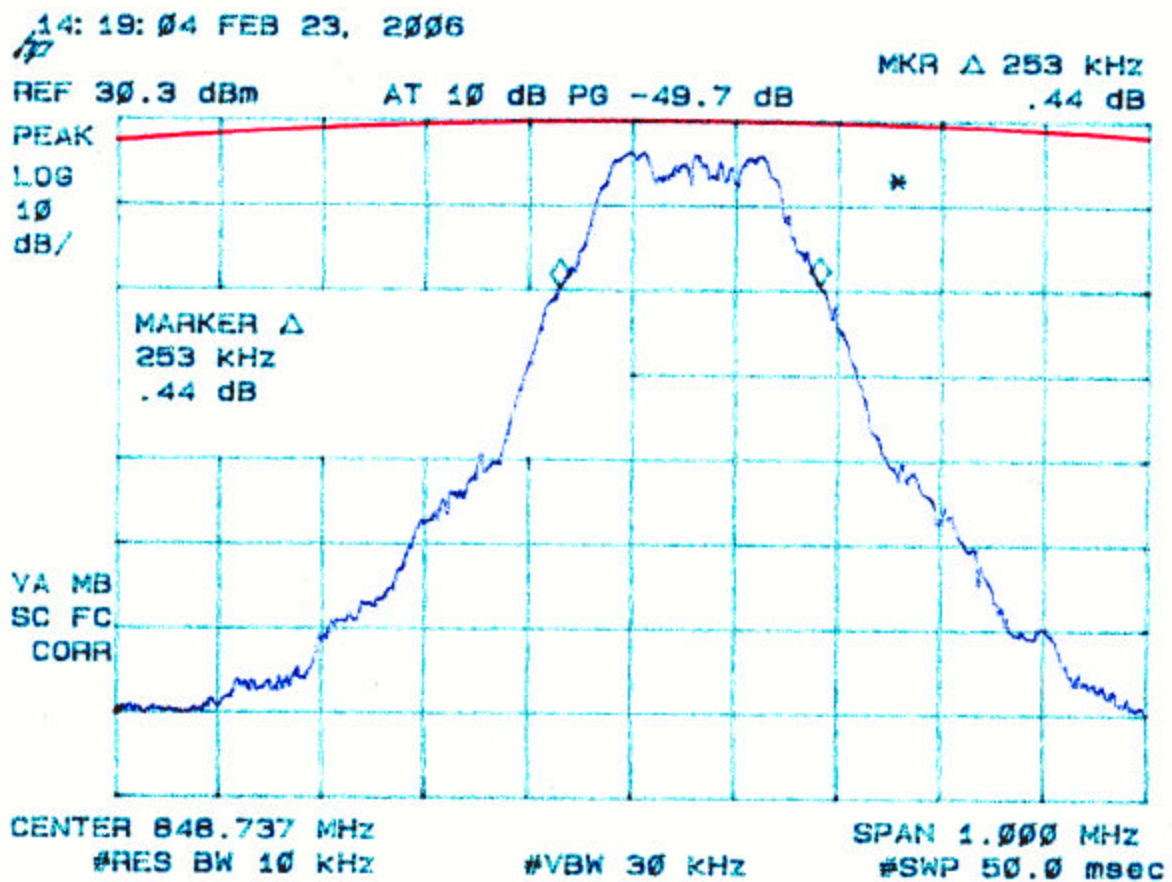
Report Number: 06-0011

Issue Date: April 18, 2006

Customer: Sicom test s.r.l.

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

Figure 5c.
Band Width Compliance - High
824 MHz to 848 MHz Range



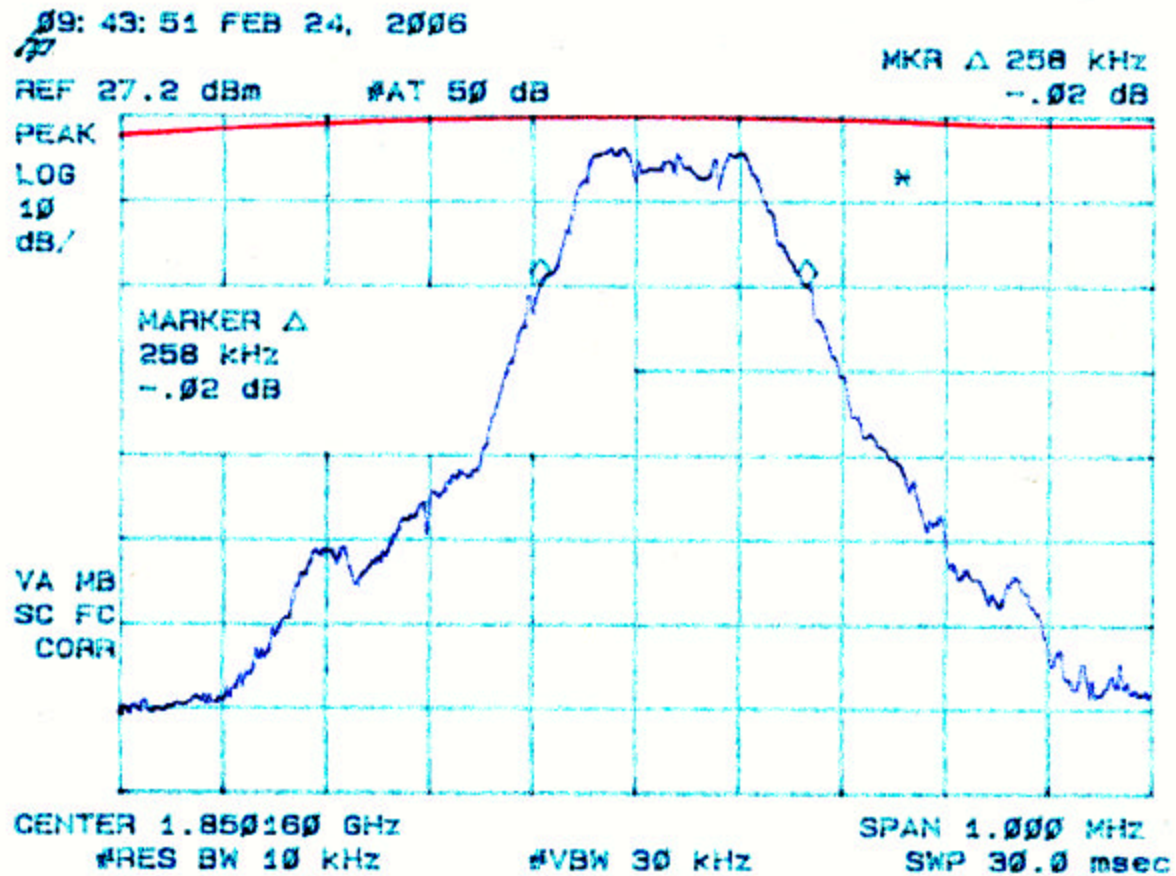
Report Number: 06-0011

Issue Date: April 18, 2006

Customer: Sicom test s.r.l.

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

Figure 5d.
Band Width Compliance - Low
1850 MHz to 1909 MHz Range



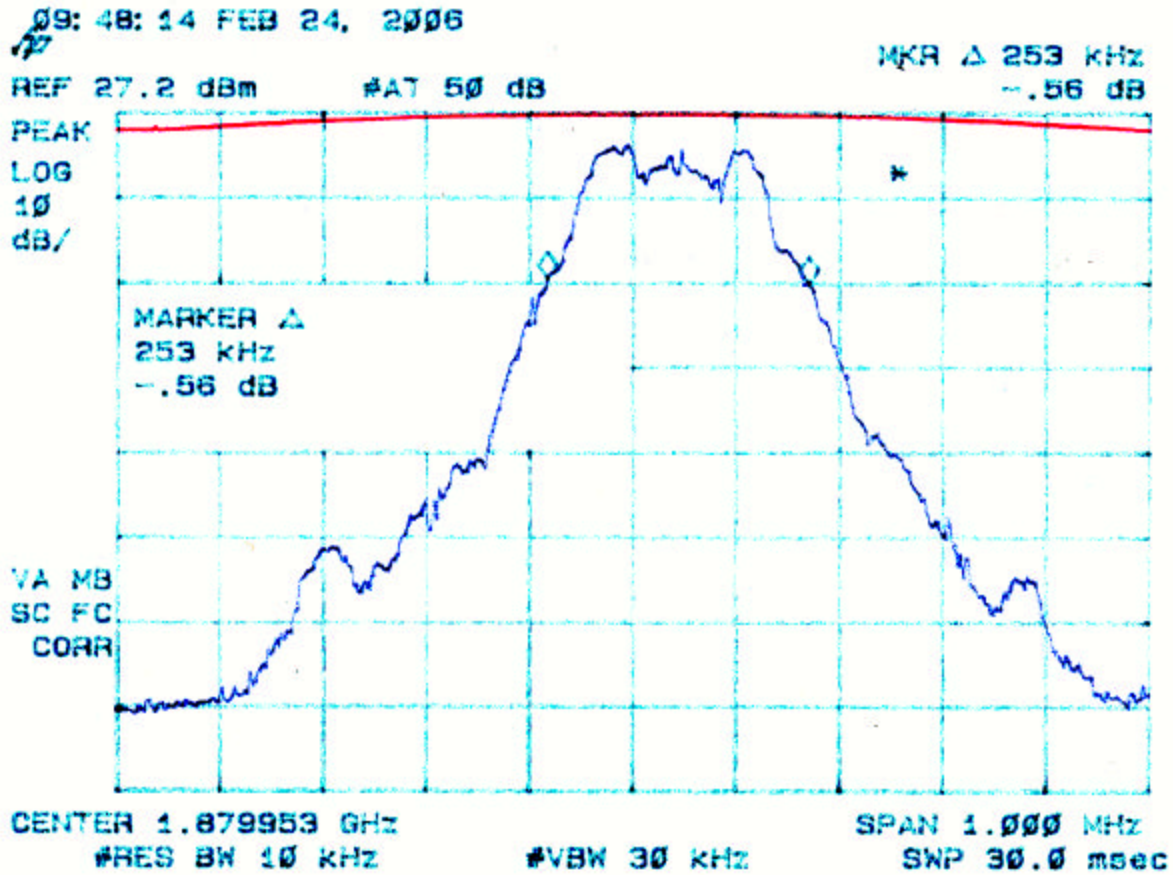
Report Number: 06-0011

Issue Date: April 18, 2006

Customer: Sicom test s.r.l.

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

Figure 5e.
Band Width Compliance - Mid
1850 MHz to 1909 MHz Range



Report Number: 06-0011

Issue Date: April 18, 2006

Customer: Sicom test s.r.l.

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

Figure 5f.
Band Width Compliance - High
1850 MHz to 1909 MHz Range

