



SGS U.S. Testing Company Inc.

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CLIENT: VERTEX STANDARD U.S.A.  
17210 Edwards Road  
Cerritos, CA 90703  
Attn: Richard Galvan

Test Report No: 148301-2

Date: March 6, 2001

**SAMPLE ID:** Vertex Standard VX-510MV-IS, VX-510MU-IS FM transceivers, FNB-29AIS battery pack, FTT-7D DTMF keypad with DTMF paging decoder, FVP-22 Encryption Unit, VTP-20 trunking unit, and MH-45C4B, MH-45D4B Speaker Microphones

**DATE OF RECEIPT:** Entered into SGS USTC sample tracking system on October 26, 2000 as STN 32432

**TESTING PERIOD:** November 10, 2000 through November 29, 2000

**REFERENCES:** Client's Purchase Order Number 07044 dated November 3, 2000.  
SGS U.S. Testing Company Report Number 116354 dated February 5, 1999  
SGS U.S. Testing Company Report Number 139450 dated March 2, 2001.

**TESTS REQUESTED:** Engineering review and evaluation of Vertex Standard VX-510MV-IS and VX-510MU-IS, FM transceivers versus the Vertex Standard VX-510V-IS and VX-510U-IS FM transceivers.

**CONCLUSION:** Considering the reviews and evaluations, the Vertex Standard VX-510MV-IS, VX-510MU-IS FM transceivers are the electrical equivalent of the VX-510V-IS, VX-510U-IS FM transceivers and comply with requirements of ANSI/UL 913-88, for Division 1, Class I, Groups A, B, C and D, Class II, Groups E, F, G, and Class III. In addition, they are permitted in Division 2, Class I, Groups A, B, C, and D, Class II, Groups F, G, and Class III. The unit is recommended for inclusion into the SGS U.S. Testing Company listing program. The following accessories, FNB-29AIS battery pack, FTT-7D DTMF keypad with DTMF paging decoder, FVP-22 Encryption Unit, VTP-20 trunking unit, and MH-45C4B, MH-45D4B Speaker Microphones found to comply and are approved for use with the VX-510MV-IS and VX-510MU-IS transceivers

Prepared by

Chris Lund  
Project Engineer

Signed for and on behalf of  
SGS U.S. Testing Company Inc.

John Lomash  
Branch Director

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