



Ref No 05/001

September 13, 2005

Attn: Mr. Amarit Tiendah.
Richardson Electronics (Thailand) Ltd
555/13-14 Unity Tower 1st Floor
Sukhumvit 103 Road
Bangchak Prakanong
Bangkok 10260

Dear Mr.Tiengdah

Subject: Certification of SweDish IPT Suitcase with IPSTAR System

Shin Satellite Public Company Limited ("SSA"), a company registered under the law of Thailand, has been providing the IPSTAR User Terminals to be used with Digital Bandwidth Capacity on IPSTAR-1 the satellite or any other satellite(s) being operated or will be operated by SSA.

This letter is to acknowledge the testing of SWEDISH VSAT Satellite System with IPSTAR Broadband Satellite System. The SweDish IPT Mil Suitcase, integrated with appropriated feed assembly with 2W BUC and LNB, acted as an IPSTAR ODU, was interfaced with the IPSTAR Satellite Modem, Professional Series IPX-5100 and tested as a user terminal ("Test Terminal") for the IPSTAR system. In accordance with the test result compliance, SSA hereby certifies that the SweDish Mil VSAT Suitcase is compliant with IPSTAR Broadband System. The testing details are as follows.

Test Objectives	Compliance test of SweDish IPT Mil Suitcase VSAT with IPSTAR System
Location of Test	Thaicom Teleport and DTH Center, Lad Lum Kaew, Pathumthani
Test Date	May 20, 2005
Test Time	0915 - 1825 Hrs.
Equipment Supplied by SweDish	IPT Mil Suitcase VSAT System
Equipment Supplied by Shin Satellite	IPSTAR Satellite Modem IPX-5100, 2 Watt BUC, LNB.
Satellite Used	Thaicom-2 at 78.5 Degree East
Test Result	
Es/No at 7.2 dB	Passed
Auto Pointing	Passed
Connection Bit Rate	Not Tested
Adjacent Satellite Interference	Not Tested

Should you have any concern or require any further clarification regarding the test or the test result, please do not hesitate to contact us.

Sincerely yours,

Teerayuth Boonchote
Vice President - IPSTAR Operation

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