

**Spectrum compatibilities of G.992.1 G.SHDSL Annex F has been approved by TTC**

September 26, 2005

Zhone Technologies, Inc. (former Paradyne Networks) proposed the spectrum compatibilities of G.992.1 G.SHDSL Annex F at TTC (Telecommunication Technology Committee). This proposal has been immediately approved by Spectrum Sub Working Group under DSL committee of TTC. This approval has been officially announced at the TTC web site (September 2, 2005) to the public:

[http://www.ttc.or.jp/j/info/dsl/050715/scr\\_20050902.pdf](http://www.ttc.or.jp/j/info/dsl/050715/scr_20050902.pdf) .

Here are contents that are specified in TTC documents.

Class: C

- The quad limitation: Yes
- The distance limitation: Yes (as follows)

Link speed	Distance limitation
1920kbps < Rate 3072kbps	2.5km
1024kbps < Rate 1920kbps	3.75km
Rate 1024kbps	No limitation as an exveption

G.992.1 G.SHDSL Annex F based products can be used on the public telecom line. So service providers can deploy G.SHDSL for the business service solution.

JTS Corporation is 1<sup>st</sup> tier distributor of Zhone Technologies, Inc. JTS has been selling various Zhone (Paradyne) products including G.SHDSL in Japan.

About G.SHDSL:

It is symmetric DSL technology available on the copper line. And it is also ITU standard as G.992.1 G.SHDSL Annex F. G.SHDSL Annex A offers maximum 2.3Mbps, and Annex F offers maximum 5.7Mbps upstream and downstream.

For JTS information:

[www.j-ts.com](http://www.j-ts.com) ([www.j-ts.com/e](http://www.j-ts.com/e) for English)

If you have any comments in this news, please feel free to contact us.

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