9.2.6. Spectrum Management

9.2.6.1 Qwest will provide 2/4 Wire nonloaded Loops, ADSL compatible Loops, ISDN capable Loops, xDSL-I capable Loops, DS-I capable Loops and DS-3 capable Loops (collectively referred to in this Section 9.2.6 as "xDSL Loops") in a non-discriminatory manner to permit CLEC to provide advanced services to its end user customers. Such Loops are defined herein and are in compliance with FCC requirements and guidelines defined in T1E1.417.

9.2.6.2 All carriers will deploy services that are in compliance with T1.417 and other applicable FCC requirements. For services that use repeatered technology, the deploying carrier of such technology shall not cause more interference than what is allowed by the T1.417 standard and applicable FCC requirements. For services that are deployed from a remote terminal where there is potential of CO based services and remote terminal services existing in the same cable, the deploying carrier shall not cause more interference than what is allowed by the T1.417 standard and applicable FCC requirements. No carrier shall knowingly or willfully deploy a service in a manner that will potentially cause more interference than what is allowed by the T1.417 standard and applicable FCC requirements.

9.2.6.2.1 Analog T1 Technology. T1.417 allows for T1 deployment up to 6 kft from the CO as long as it is in a segregated binder. If a T1 is beyond the 6 kft distance and interfering with another carrier's service, the carrier who deployed the T1 will have the option to change the T1 to a HSDL or HDSL2 technology if the loop is under 10 kft or change it to HDSL4.

9.2.6.2.2 HDSL Technology. T1.417 allows for HDSL deployment up to 10 kft from the CO. If HDSL is beyond the 10 kft distance and interfering with another carrier's service, the carrier who deployed the HDSL technology will change the technology to HDSL4.

9.2.6.2.3 HDSL2 Technology. T1.417 allows for HDSL2 deployment up to 10.5 kft from the CO. If a HDSL2 is beyond the 10.5 kft distance and interfering another carrier's service, the carrier who deployed the HDSL2 technology will change the technology to HDSL4.

9.2.6.2.4 HDSL4 Technology. T1.417 allows for HDSL4 deployment without distance limitation.

9.2.6.2.5 Remote Terminal Technology. No carrier shall deploy xDSL or other Advanced Services from a remote terminal in a manner that will potentially cause more interference to CO based services than what is allowed by the T1.417 standard and applicable FCC requirements.

9.2.6.3 If any carrier wishes to deploy new technology not yet designated with a PSD mask in T1.417, the carrier must determine if the new technology is spectrally compatible using Annex A of T1.417 and only deploy it within the limits of being spectrally compatible.

9.2.6.4 Qwest recognizes that the analog T1 service traditionally used within its network is a “known disturber” as designated by the FCC. Qwest will spectrum manage this technology as defined in section 9.2.6.2.1. 9.2.6.5. If either Qwest or CLEC claims a service is significantly degrading the performance of other advanced services or traditional voice band services, then that Party must notify the causing carrier and allow the causing carrier a reasonable opportunity to correct the problem. Upon request, within twenty-four (24) hours, Qwest will provide CLEC with binder group information including cable, pair, and carrier to allow CLEC to notify the causing carrier.

9.2.6.5 If CLEC is unable to isolate trouble to a specific pair within the binder group, Qwest, upon receipt of a trouble resolution request, will perform a main frame pair by pair analysis and provide results to CLEC within five (5) business days.

9.2.6.6 Qwest shall not be responsible for mediating, arbitrating, or otherwise resolving any disputes over spectral interference between carriers. Qwest shall not disconnect carrier services to resolve a spectral interference dispute, except when voluntarily undertaken by the interfering carrier or Qwest is ordered to do so by a state commission or other authorized dispute resolution body.