From: Lars Ericson

To: Behnam Ghaffari
Date: August 28, 2012

Subject: FCC File No. 0667-EX-ST-2012

Message:

Inquiry:
1. Prior coordinate using frequency band 2310-2390 MHz with the Aerospace and Flight Test Radio Coordinating Council AFTRCC. Please submit your coordination as correspondence to this E-Mail.
3. Prior coordinate using frequency bands 2320-2332.5 MHz and 2332.5-2345 MHz with incumbent licensees (DARS) of the bands.

Response (frequencies):
Upon reevaluation, the frequency band 2000-6600 MHz included in the initial filing is incorrect and should be replaced by 2495-6101 MHz and 2436-6097 MHz.

The correct frequency bands associated with this STA application are:
2495-6101 MHz
2436-6097 MHz
3101-3499 MHz

As a result, the intended devices will not be transmitting in the 2310-2390 MHz, 2320-2332.5 MHz, or 2332.5-2345 MHz frequency ranges. Therefore there is no need for coordination with AFTRCC or the incumbent licensees.

Xaver 100 (FCC# A42X100F): 2495-6101 MHz is obtained from reference ?Test Report for Certification of Xaver 100 Through Wall Imaging System? on p. 21.

Xaver 400 (FCC# A42X400F): 2436-6097 MHz is obtained from reference ?Test Report for Certification of Xaver 400 Through Wall Imaging System? on p. 21.

The STA filing has been modified to reflect the correct frequency bands for all mobile stations.

Inquiry:
2. What is the ERP (output + ant gain) for these 2 frequency bands: 2000-6600 MHz and 3101-3499 MHz?

Response (ERP):
Information on device ERP is included below.

Xaver 100
2495-6101 MHz
EIRP = -42 dBm
ERP = -44.15 dBm = 38.46 nW

Xaver 400
2436-6097 MHz
EIRP = -42 dBm
ERP = -44.15 dBm = 38.46 nW

Range-R
3101-3499 MHz
EIRP = 16.24 dBm

ERP = 14.09 dBm = 42.06 mW

The STA filing has been modified to reflect the correct power for all mobile stations.