

FCC
Product Certification Test Data
for
Exhibits 14 and 15
for
Lucent Technologies Inc.

PCS
Two Carrier Linear Power Amplifier Module
P2PAM

Daniel Donohue & W. Steve Majkowski
Lucent Technologies Inc.
Whippany FCC Compliance Laboratory
ddonohue@lucent.com
Majkowski@lucent.com

**FCC
Occupied Bandwidth Data Scans
of
Lucent Technologies Inc.
PCS ONEBTS Modular Cell 4.0
Incorporating
PCS Multi-Carrier Radio (MCR-1900)
Filed under AS5ONEBTS-09
with
PCS 2 Carrier Power Amplifier Module (P2PAM)
FCC ID: AS5ONEBTS-06
Single, Dual, Three, and Five Carrier Configurations**

Exhibit 14 Continued

FCC Occupied Bandwidth: MCR-1900 Output - PCS "A" Band; 1 Carrier Configuration

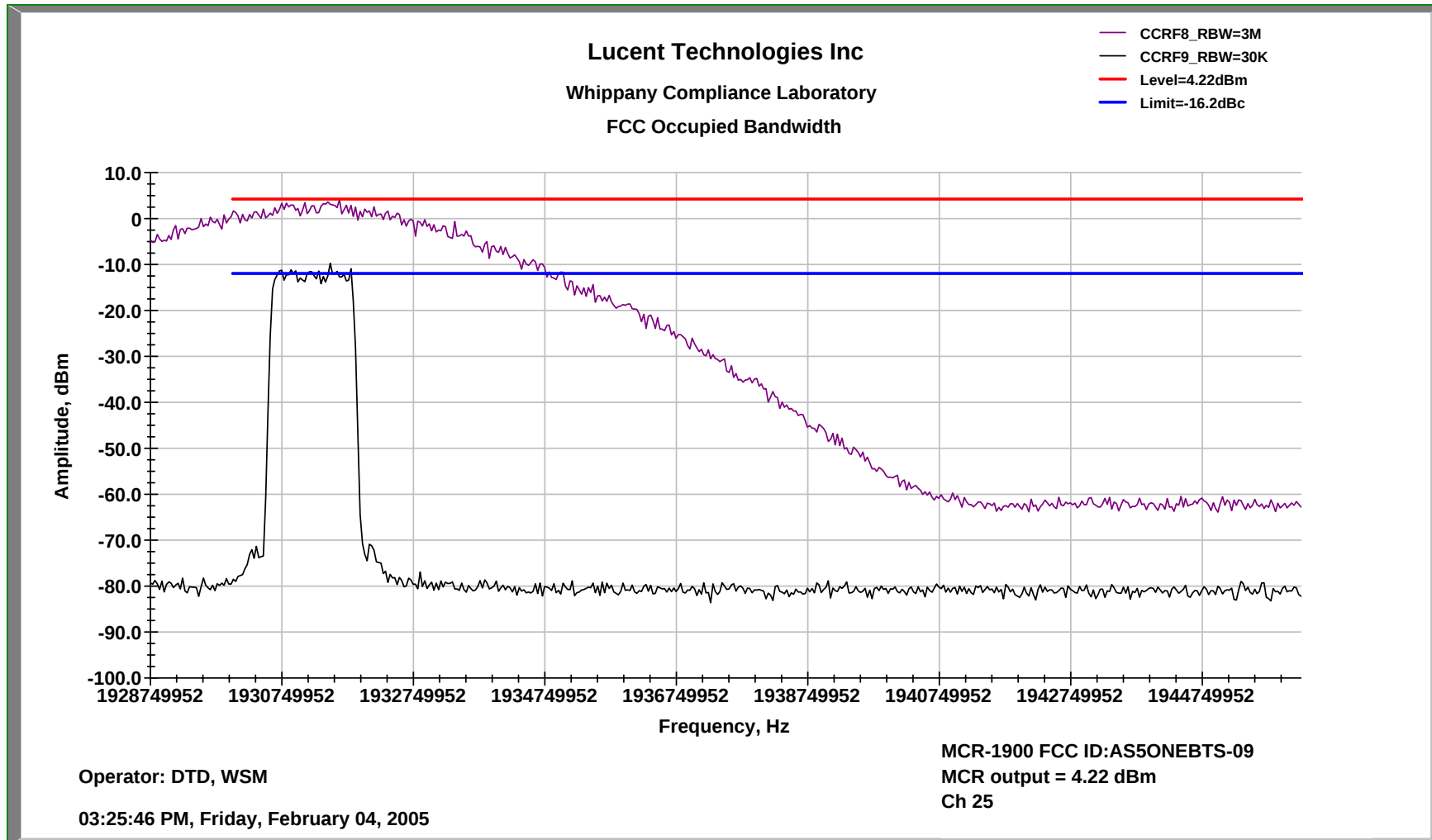


Exhibit 14 Continued

FCC Occupied Bandwidth: MCR-1900 Output - PCS "A" Band; 6 Carrier Configuration

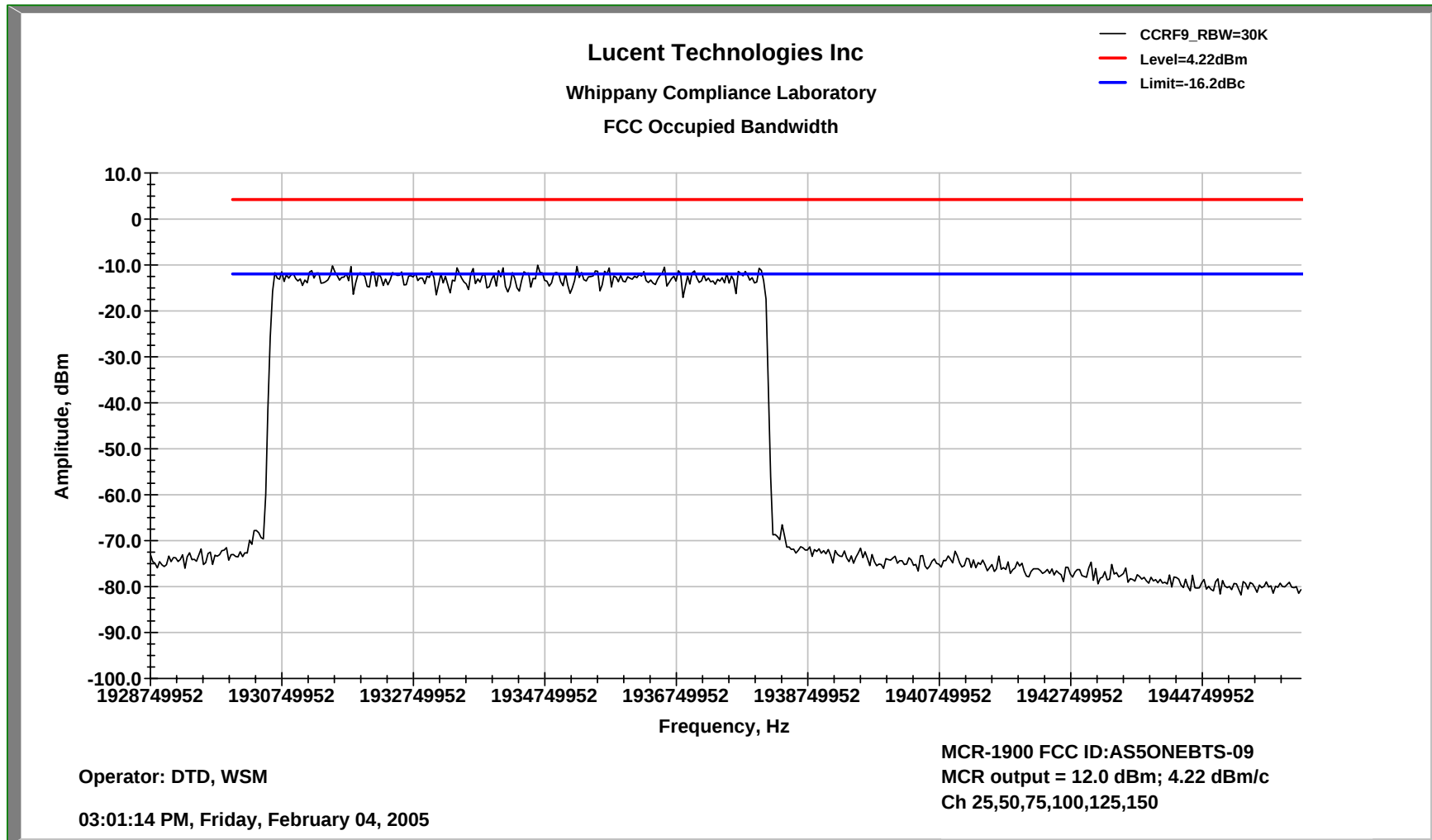


Exhibit 14 Continued

FCC Occupied Bandwidth: MCR-1900 Output - PCS "A" Band; 11 Carrier Configuration

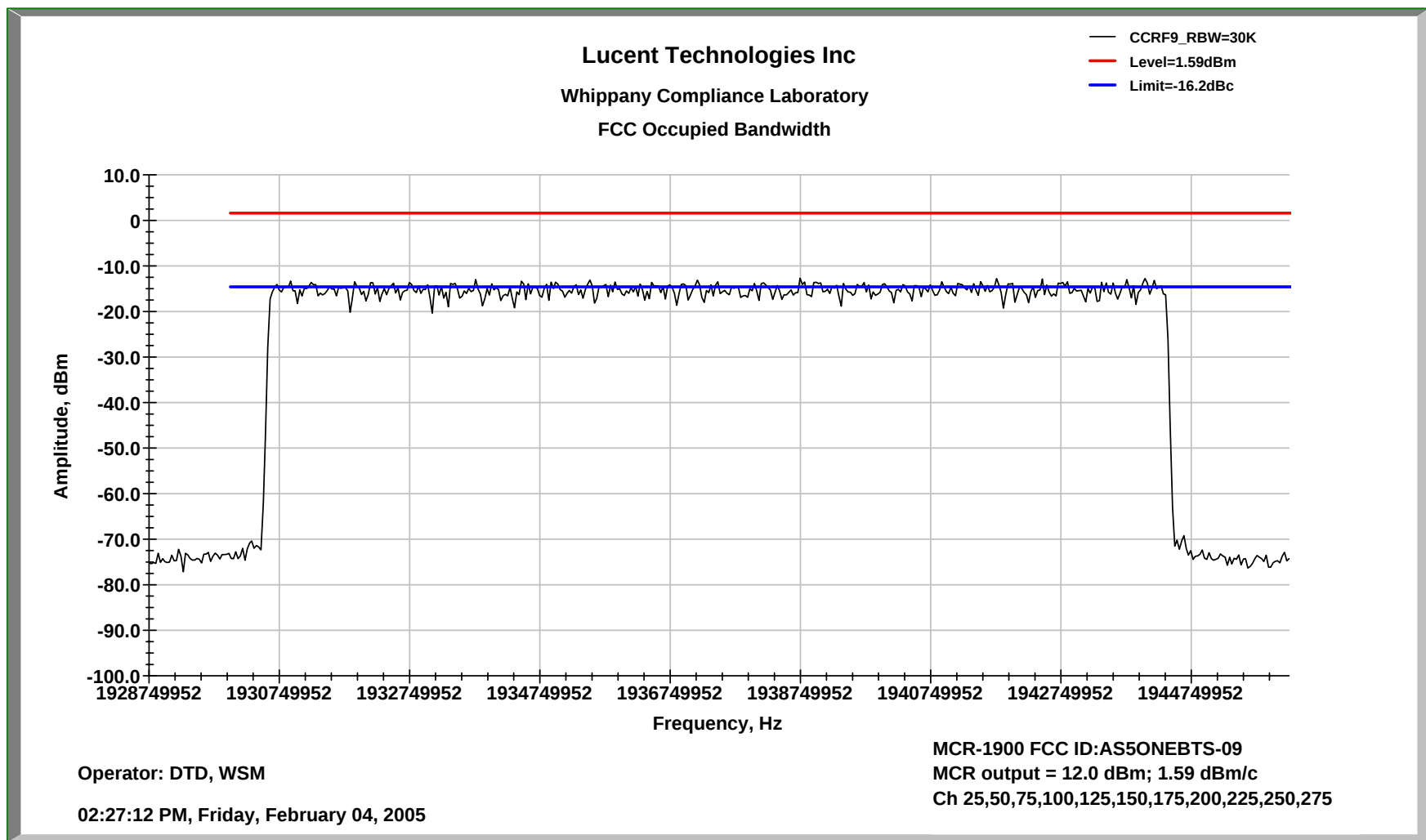


Exhibit 14 Continued

FCC Occupied Bandwidth: MCR-1900 Output - PCS "B" Band; 1 Carrier Configuration

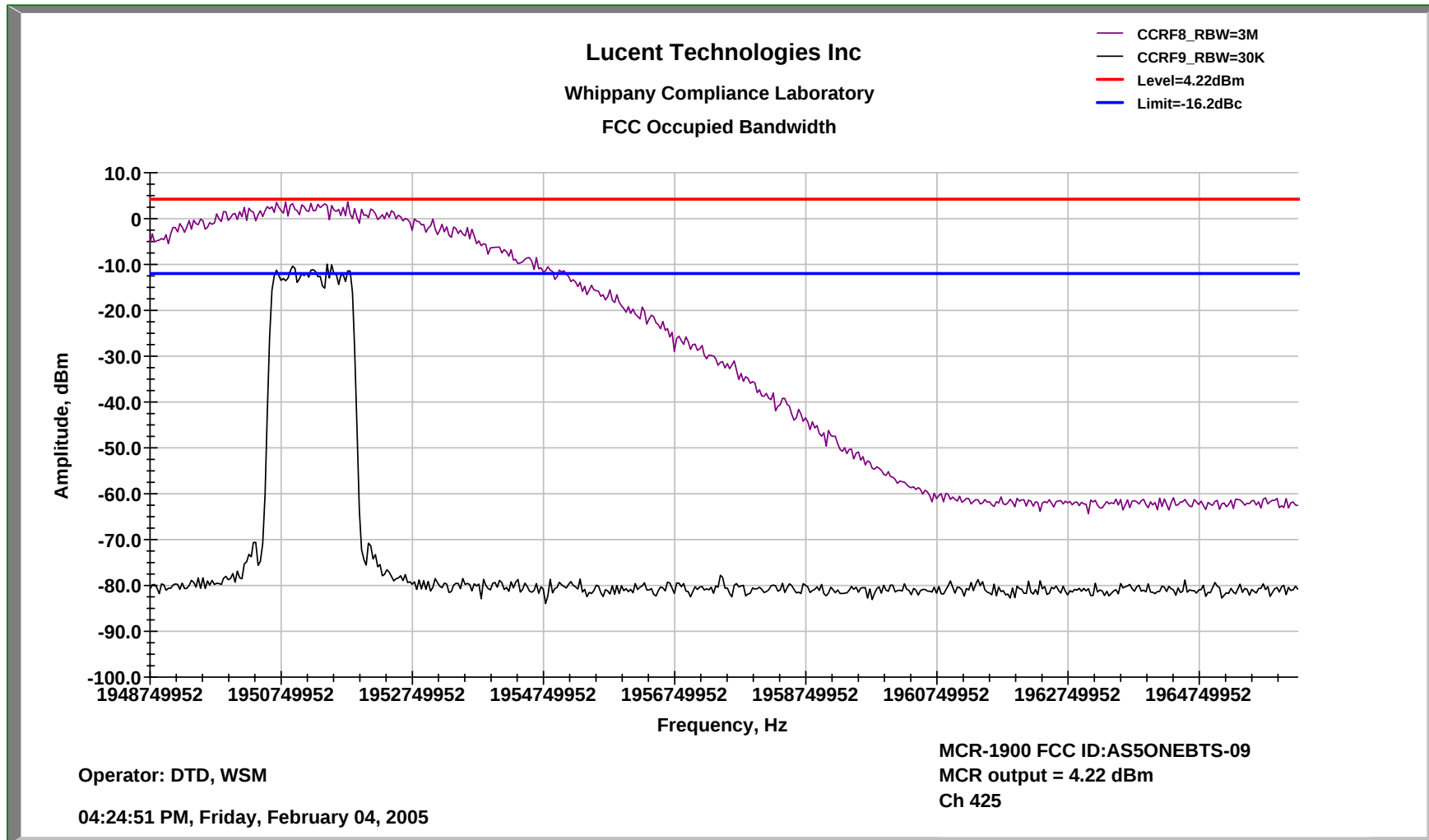


Exhibit 14 Continued

FCC Occupied Bandwidth: MCR-1900 Output - PCS "B" Band; 6 Carrier Configuration

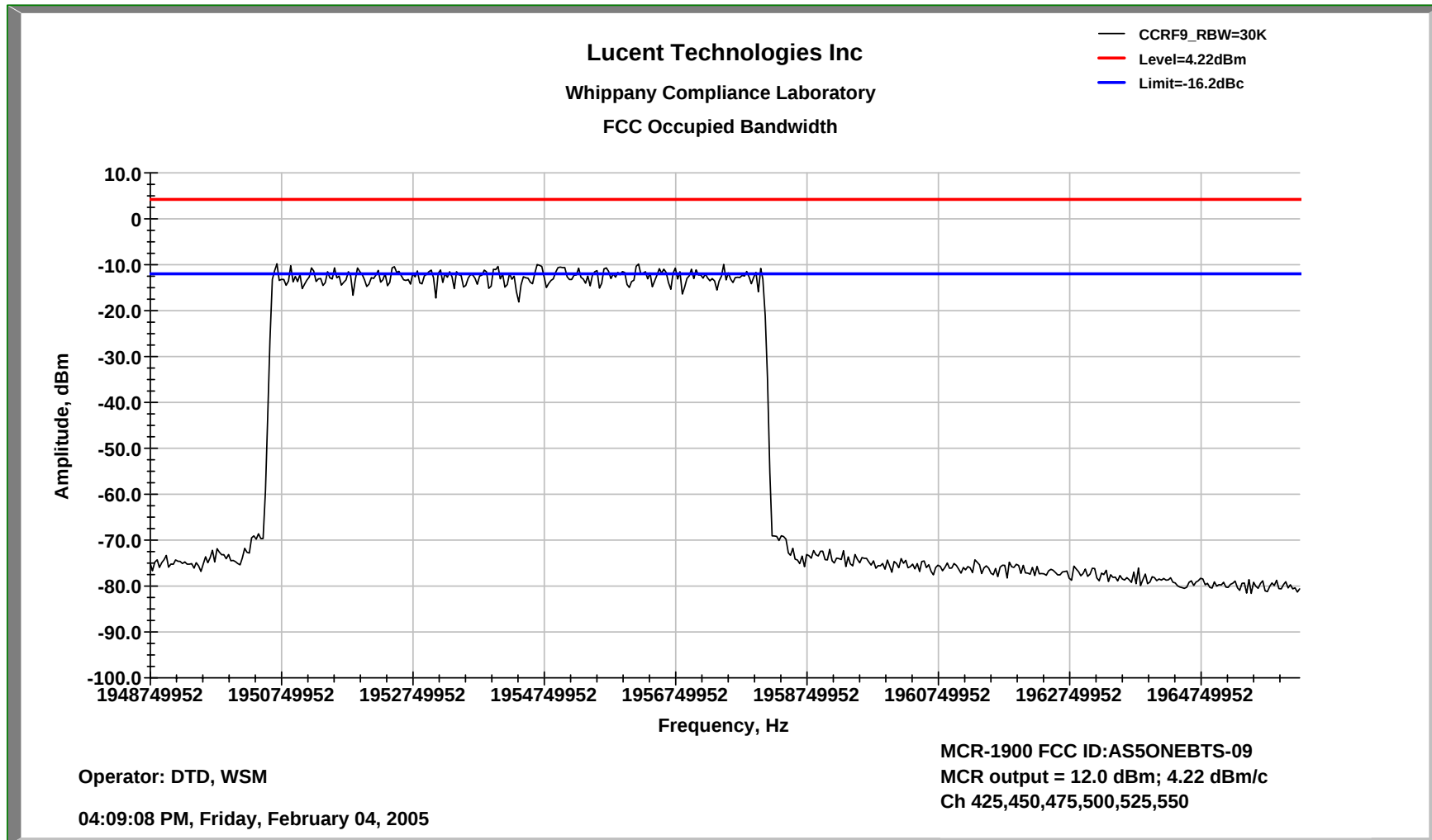


Exhibit 14 Continued

FCC Occupied Bandwidth: MCR-1900 Output - PCS "B" Band; 11 Carrier Configuration

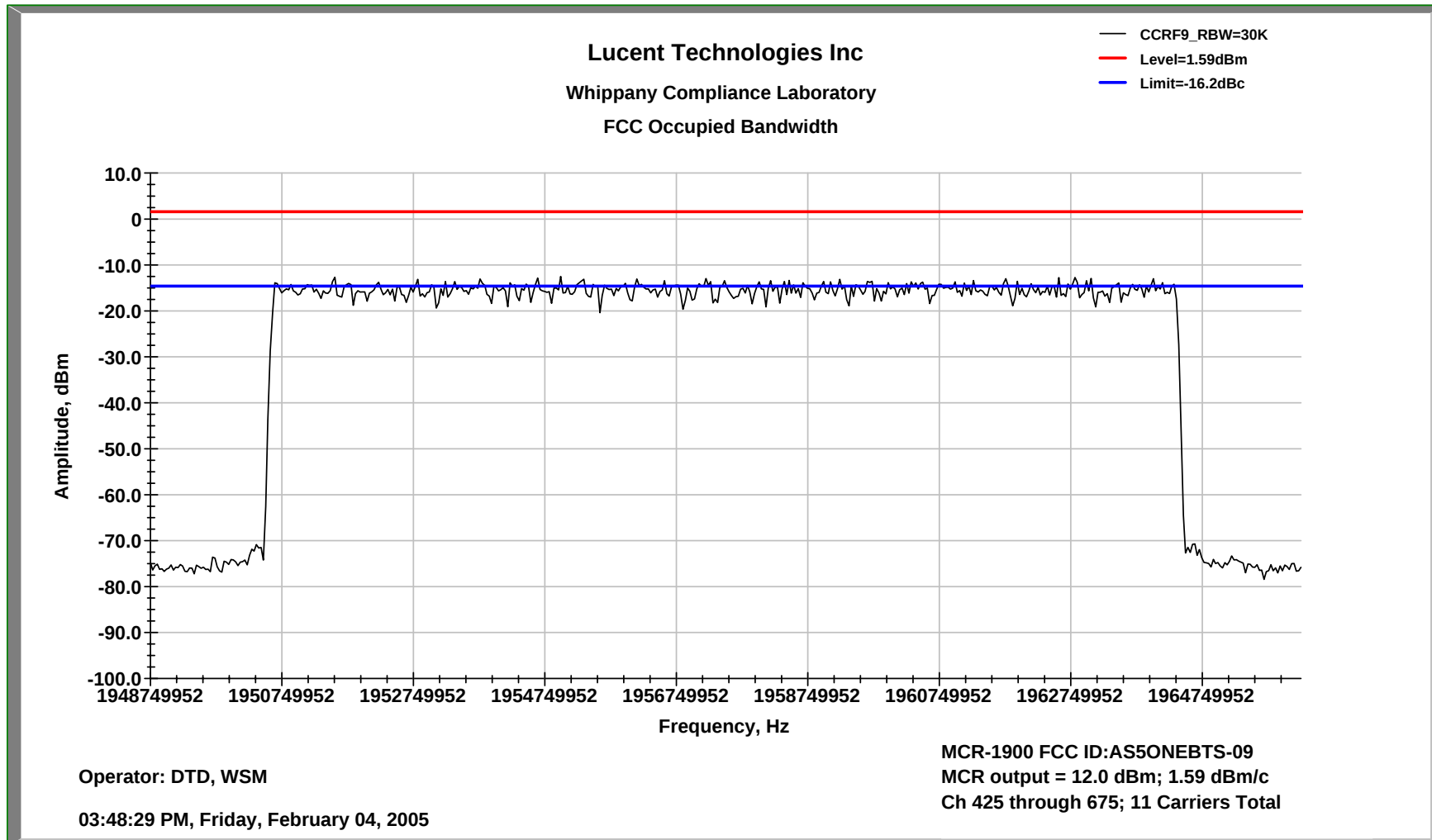


Exhibit 14 Continued

FCC Occupied Bandwidth: MCR-1900 Output - PCS "C" Band; 1 Carrier Configuration

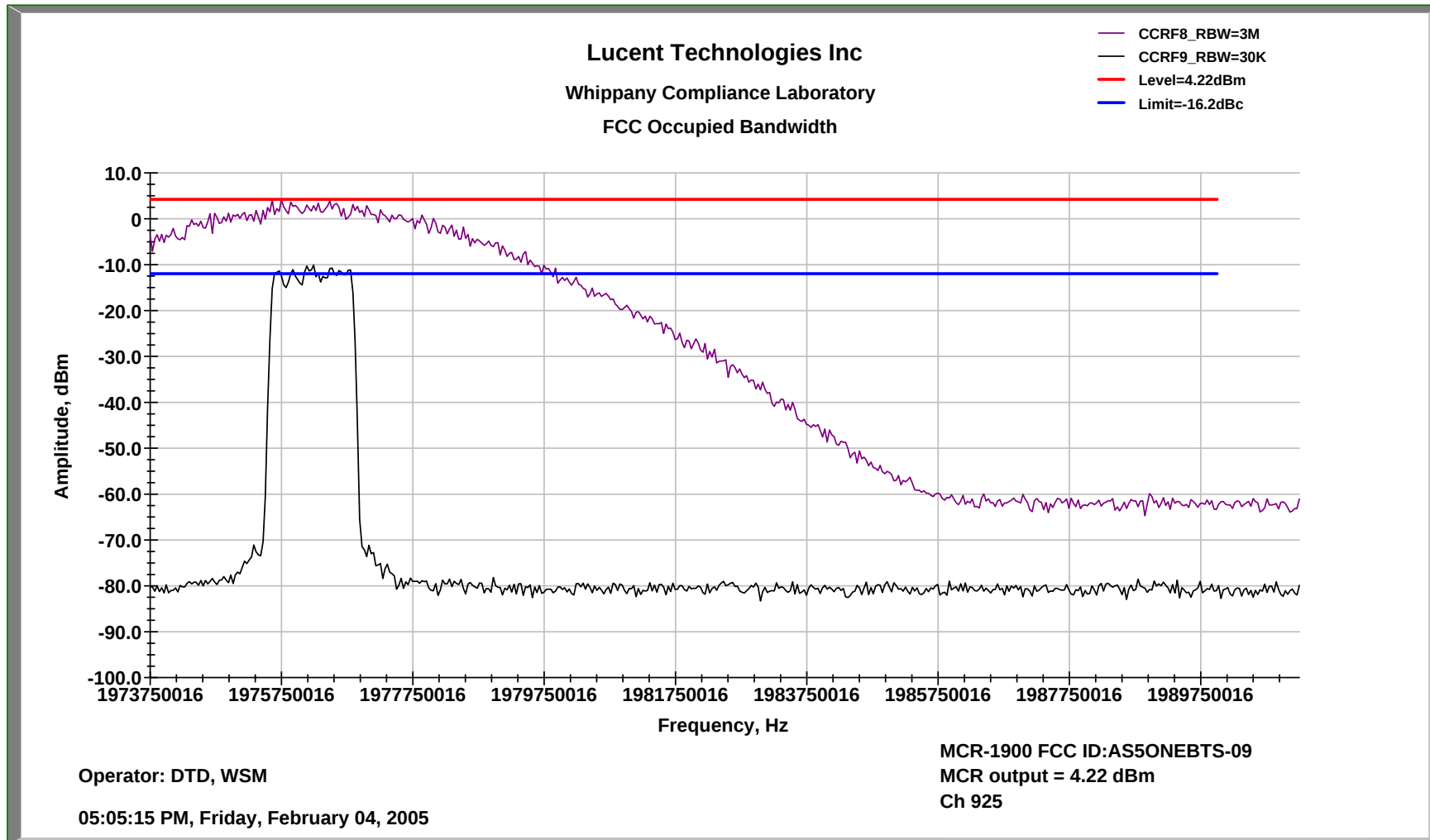


Exhibit 14 Continued

FCC Occupied Bandwidth: MCR-1900 Output - PCS "C" Band; 6 Carrier Configuration

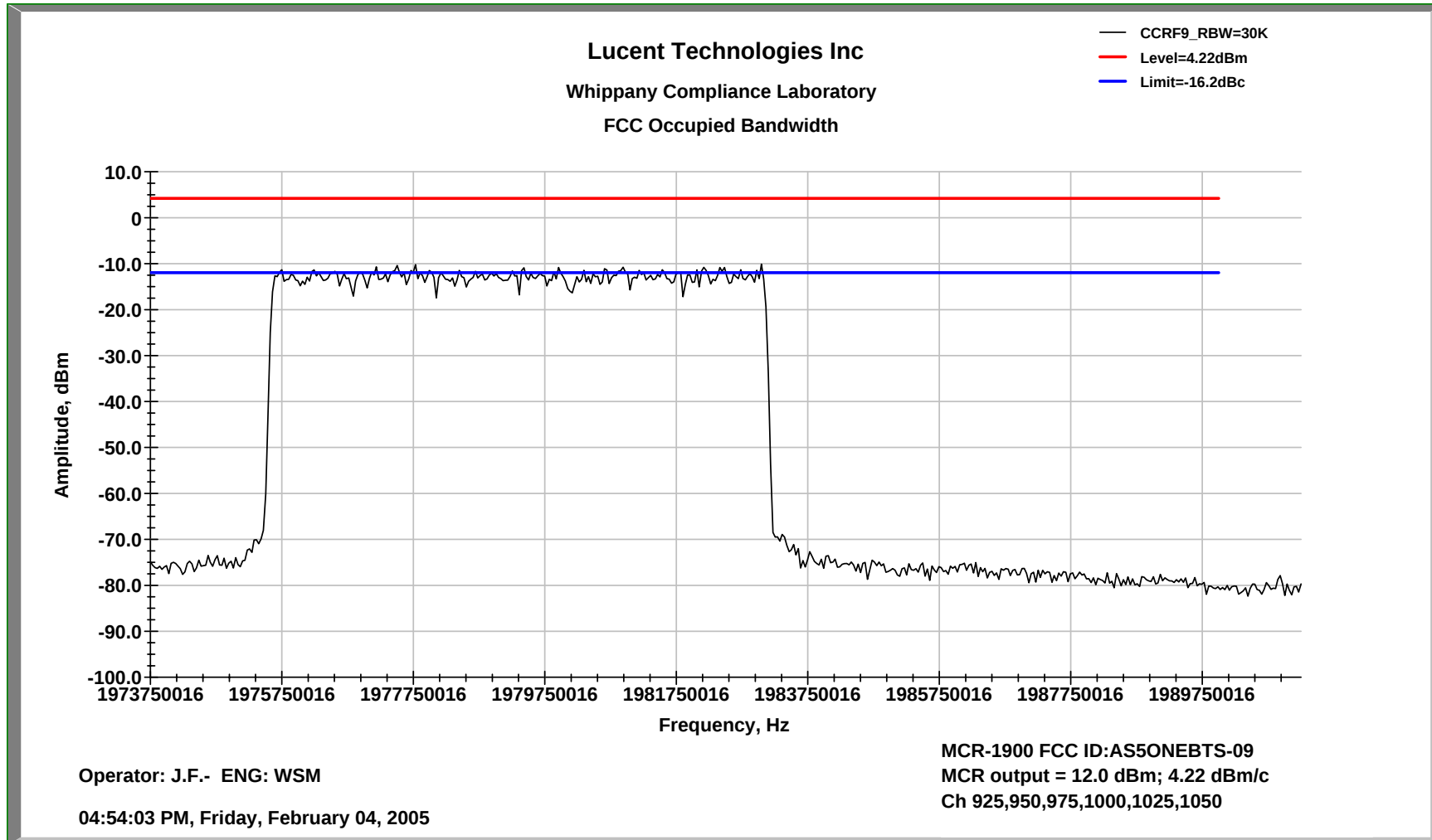


Exhibit 14 Continued

FCC Occupied Bandwidth: MCR-1900 Output - PCS "C" Band; 11 Carrier Configuration

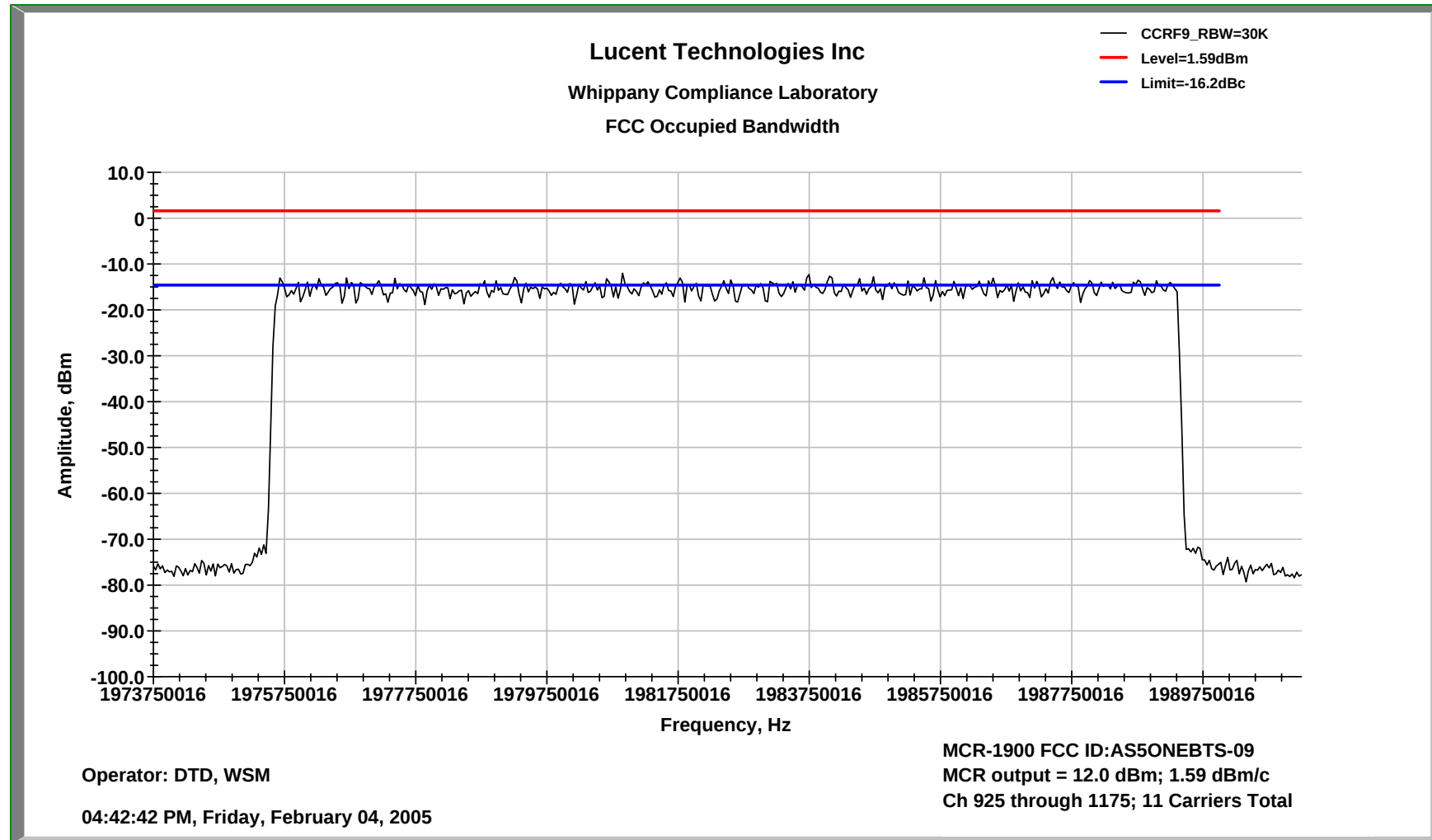


Exhibit 14 Continued

FCC Occupied Bandwidth: MCR-1900 Output - PCS A Block, Sub-Block A1, 1 Carrier / 2 P2PAM Configuration

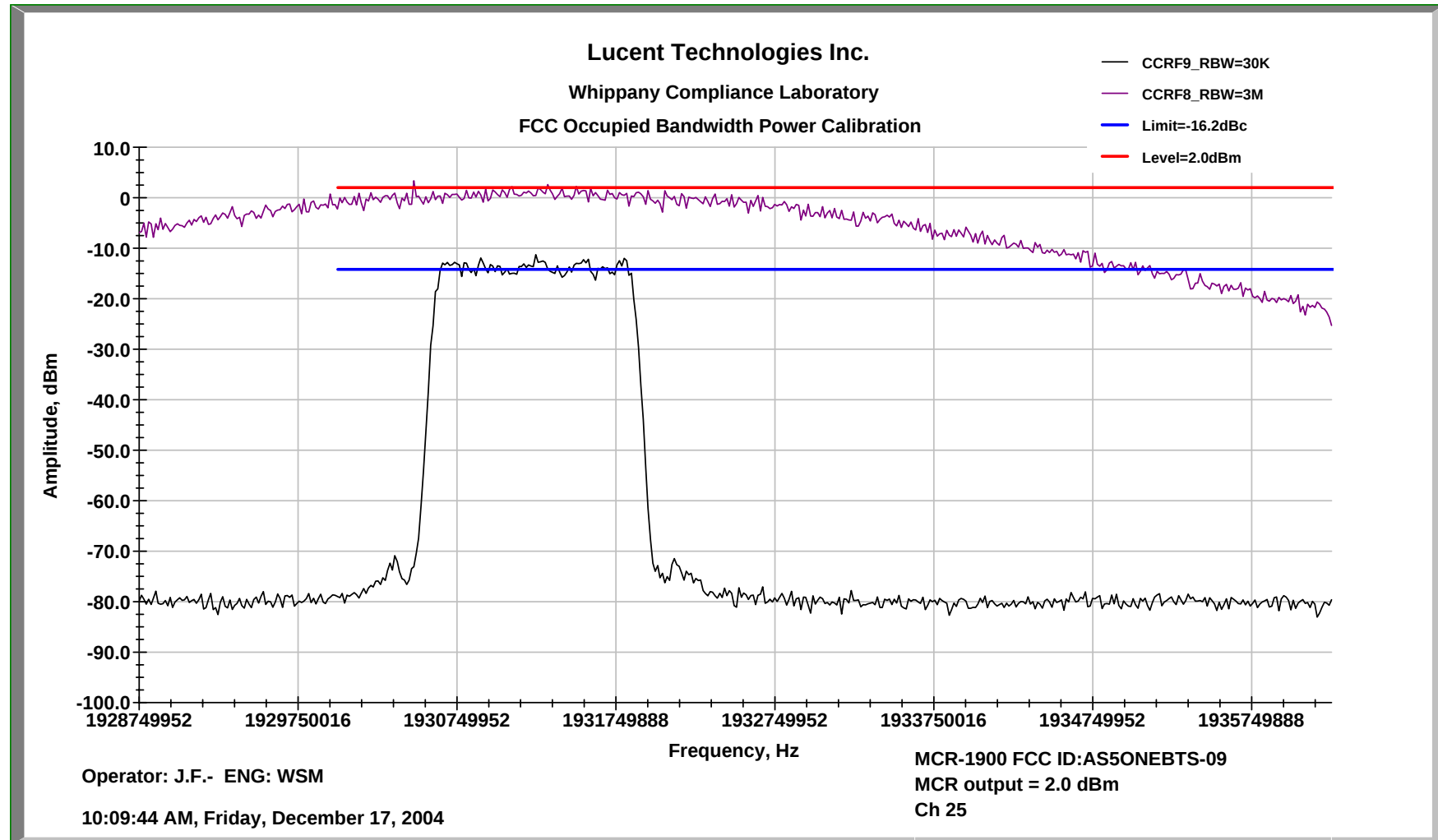


Exhibit 14 Continued

FCC Occupied Bandwidth: Output Chart - PCS A Block, Sub-Block A1, 1 Carrier / 2 P2PAM Configuration

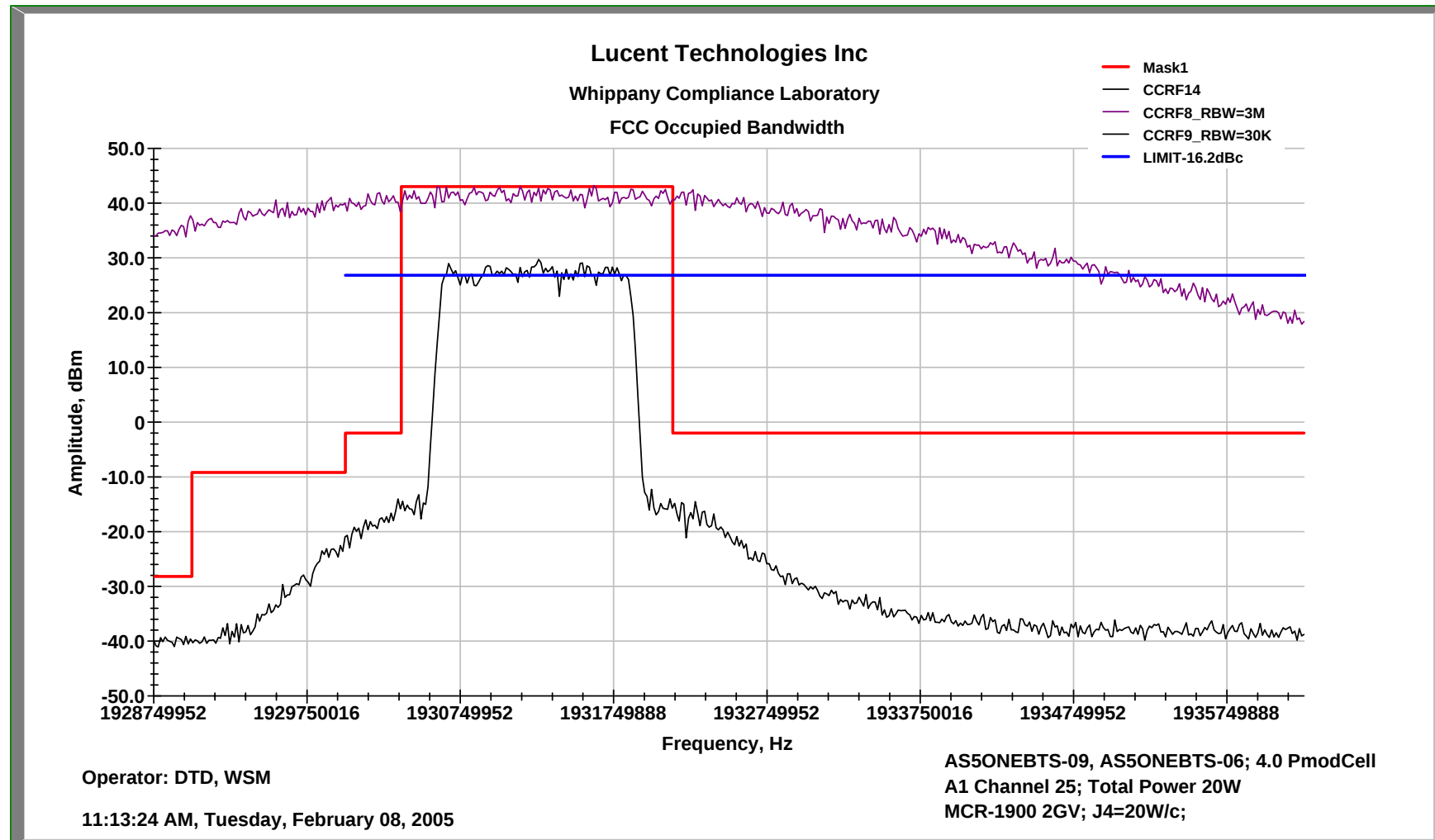


Exhibit 14 Continued

FCC Occupied Bandwidth: MCR-1900 Output - PCS A Block, Sub-Block A1, 2 Carrier / 1 P2PAM Configuration

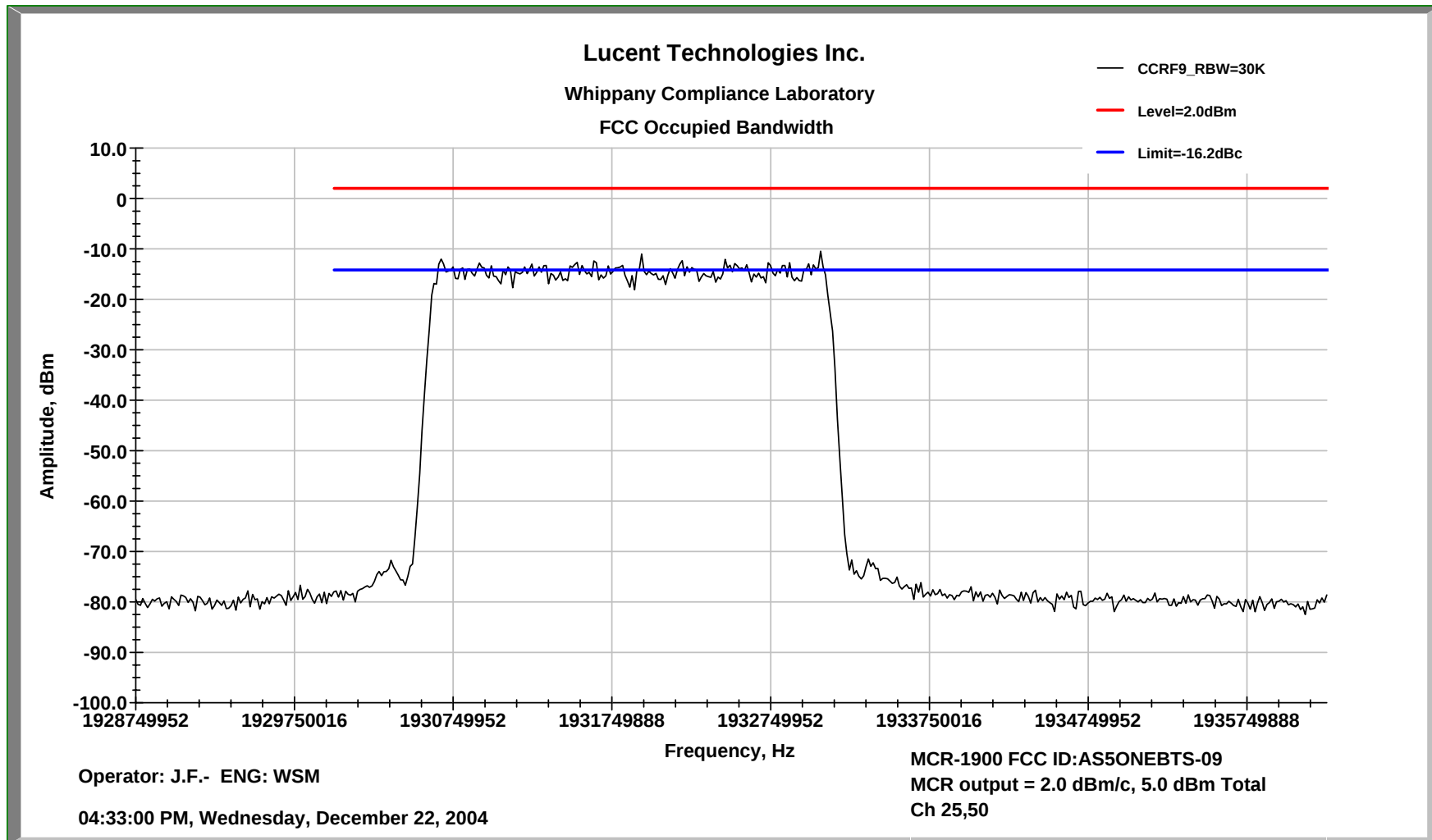


Exhibit 14 Continued

FCC Occupied Bandwidth: Output Chart - PCS A Block, Sub-Block A1, 2 Carrier / 1 P2PAM Configuration

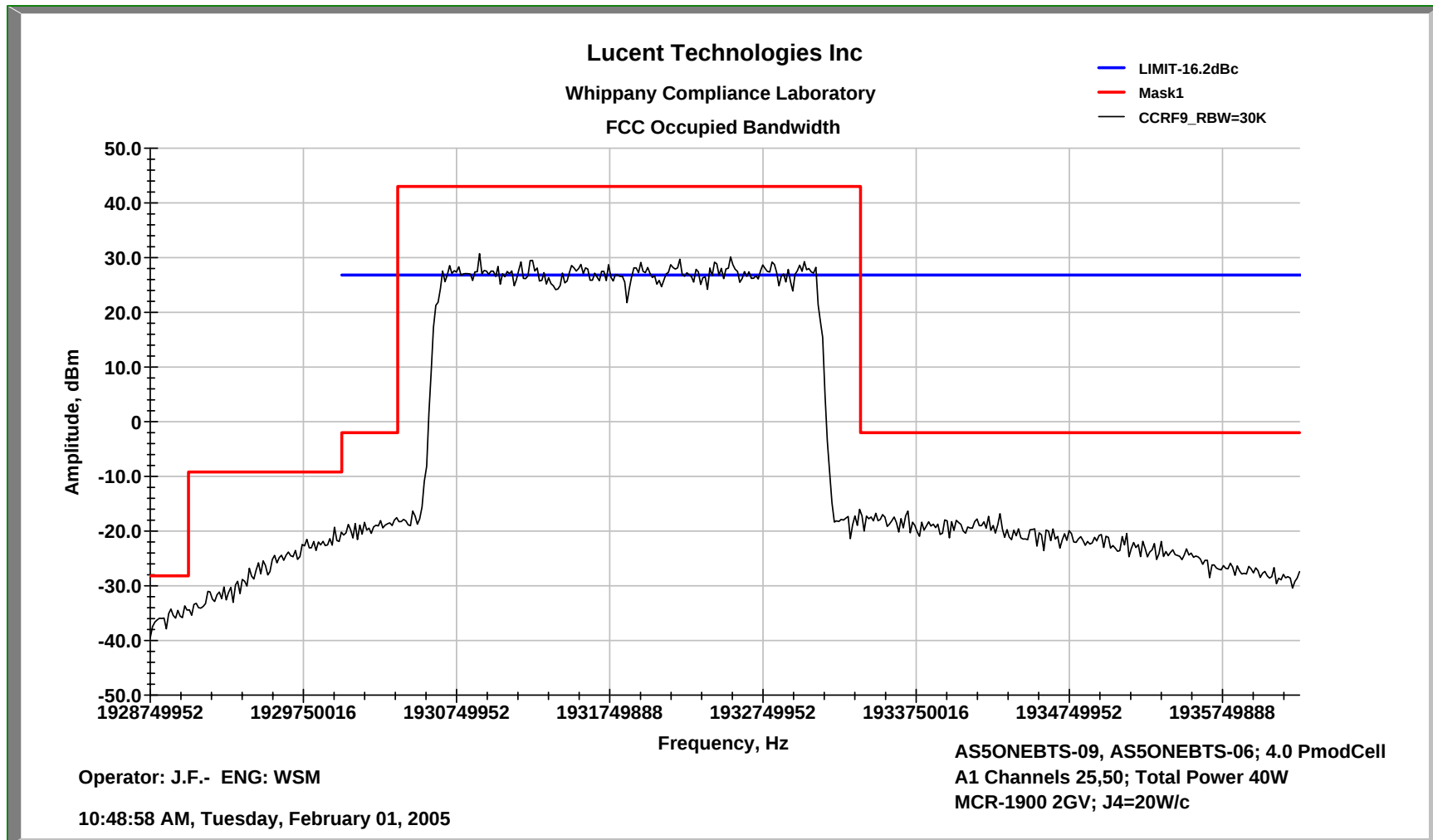


Exhibit 14 Continued

FCC Occupied Bandwidth: MCR-1900 Output - PCS A Block, Sub-Block A1, 3 Carrier / 2 P2PAM Configuration

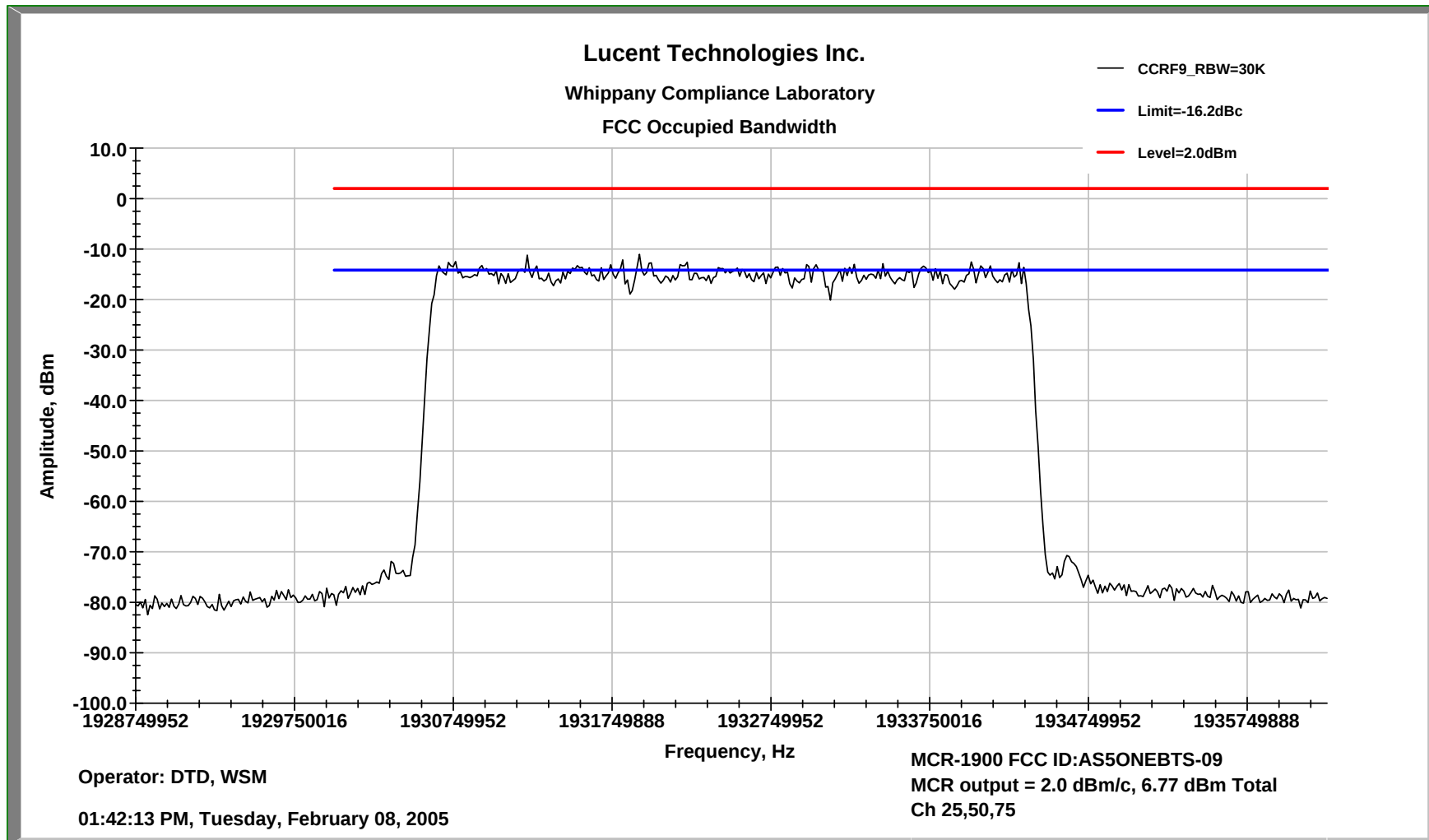


Exhibit 14 Continued

FCC Occupied Bandwidth: Output Chart - PCS A Block, Sub-Block A1, 3 Carrier / 2 P2PAM Configuration

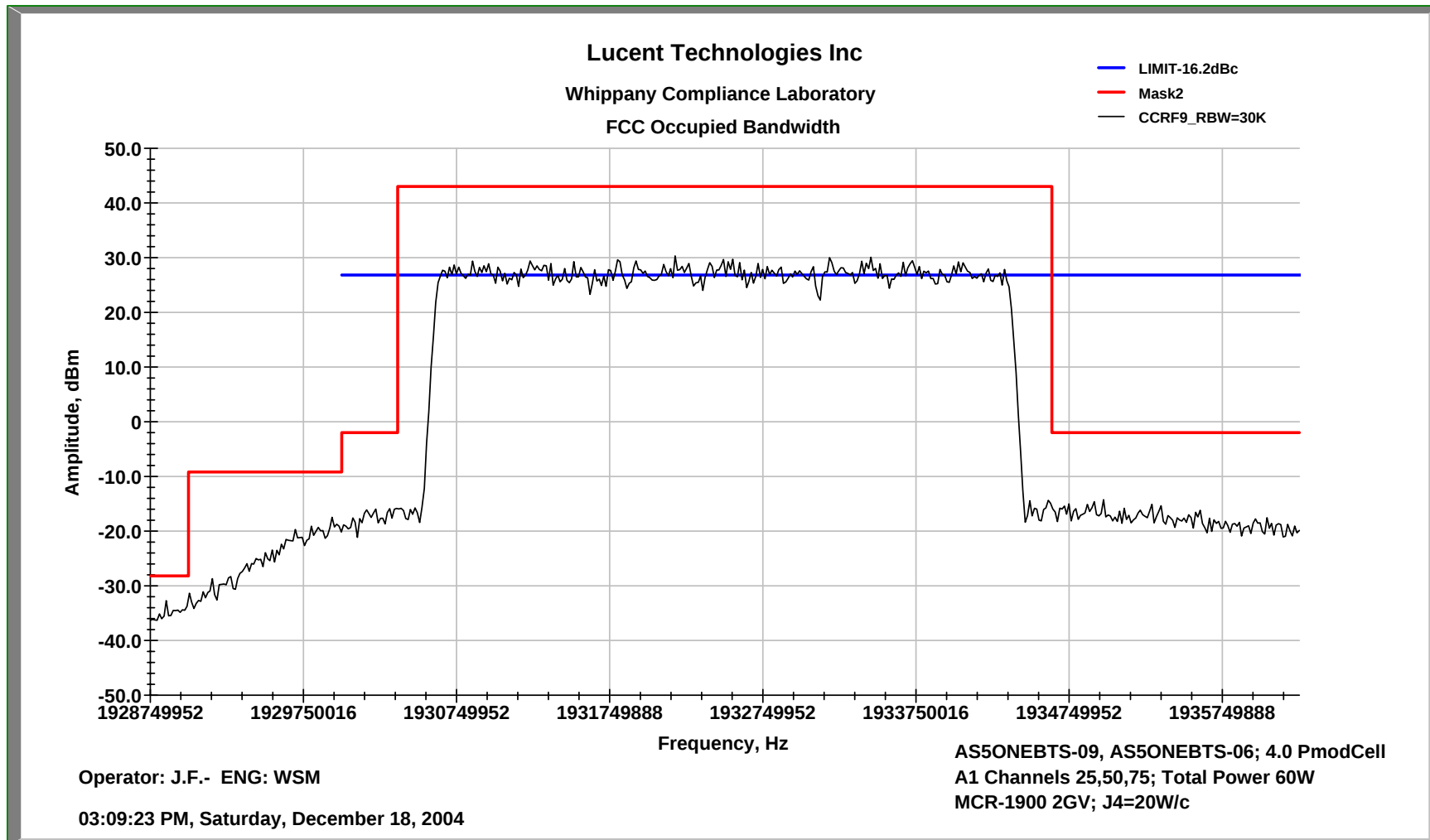


Exhibit 14 Continued

FCC Occupied Bandwidth: MCR-1900 Output - PCS A Block, Sub-Block A1/A2, 5 Carrier / 3 P2PAM Configuration

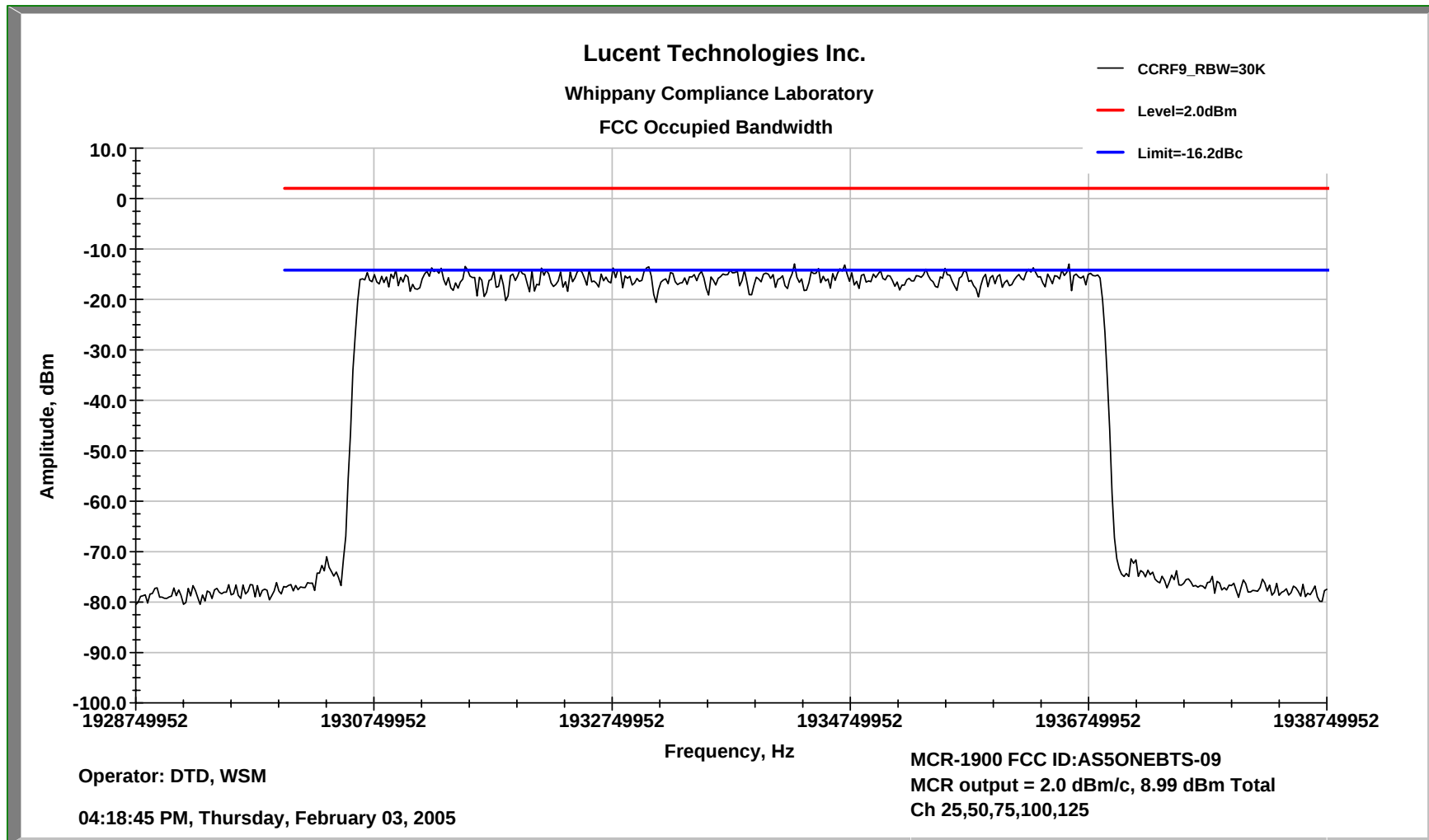


Exhibit 14 Continued

FCC Occupied Bandwidth: Output Chart - PCS A Block, Sub-Block A1/A2, 5 Carrier / 3 P2PAM Configuration

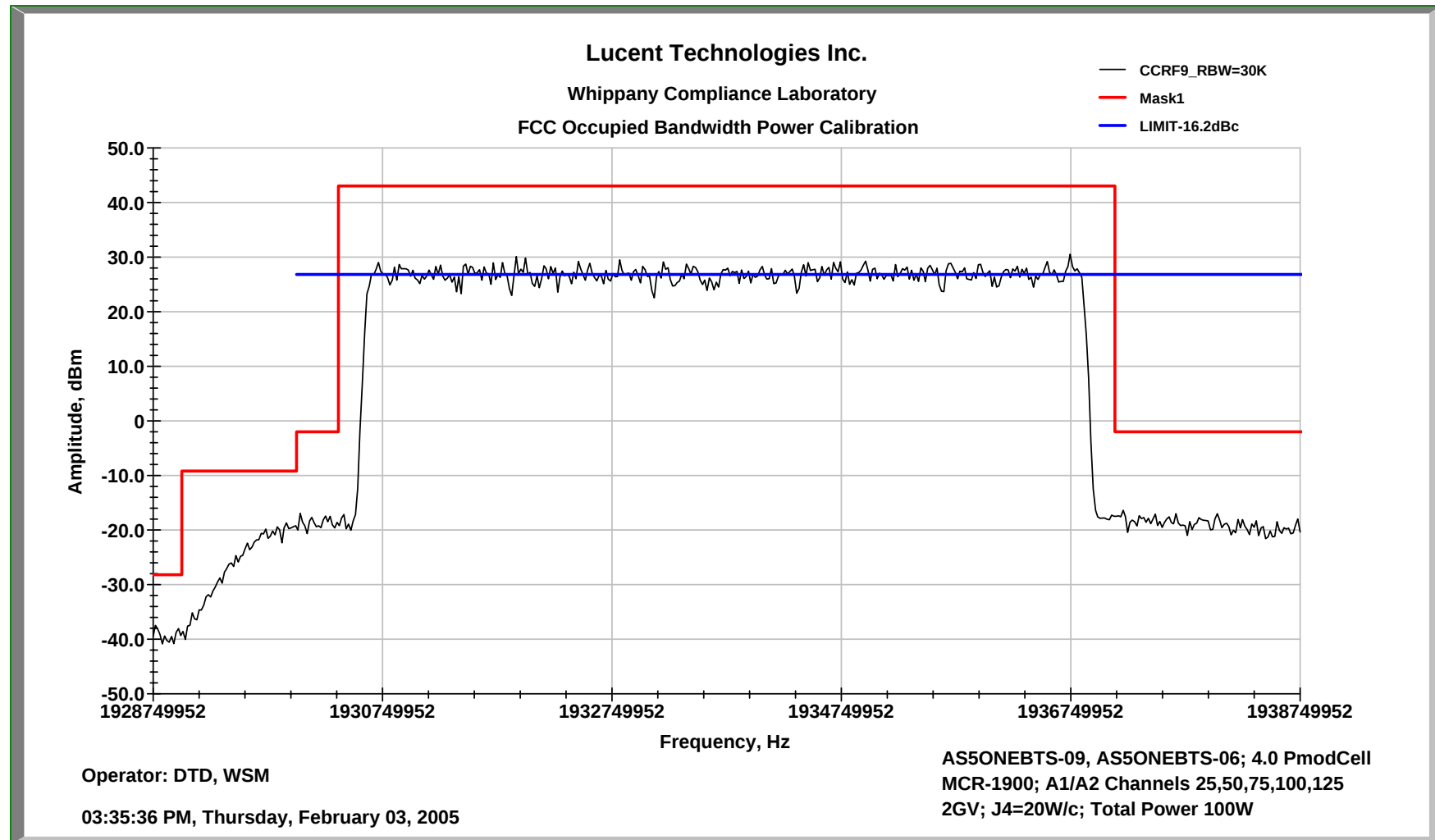


Exhibit 14 Continued

FCC Occupied Bandwidth: MCR-1900 Output - PCS A Block, Sub-Block A5, 1 Carrier / 2 P2PAM Configuration

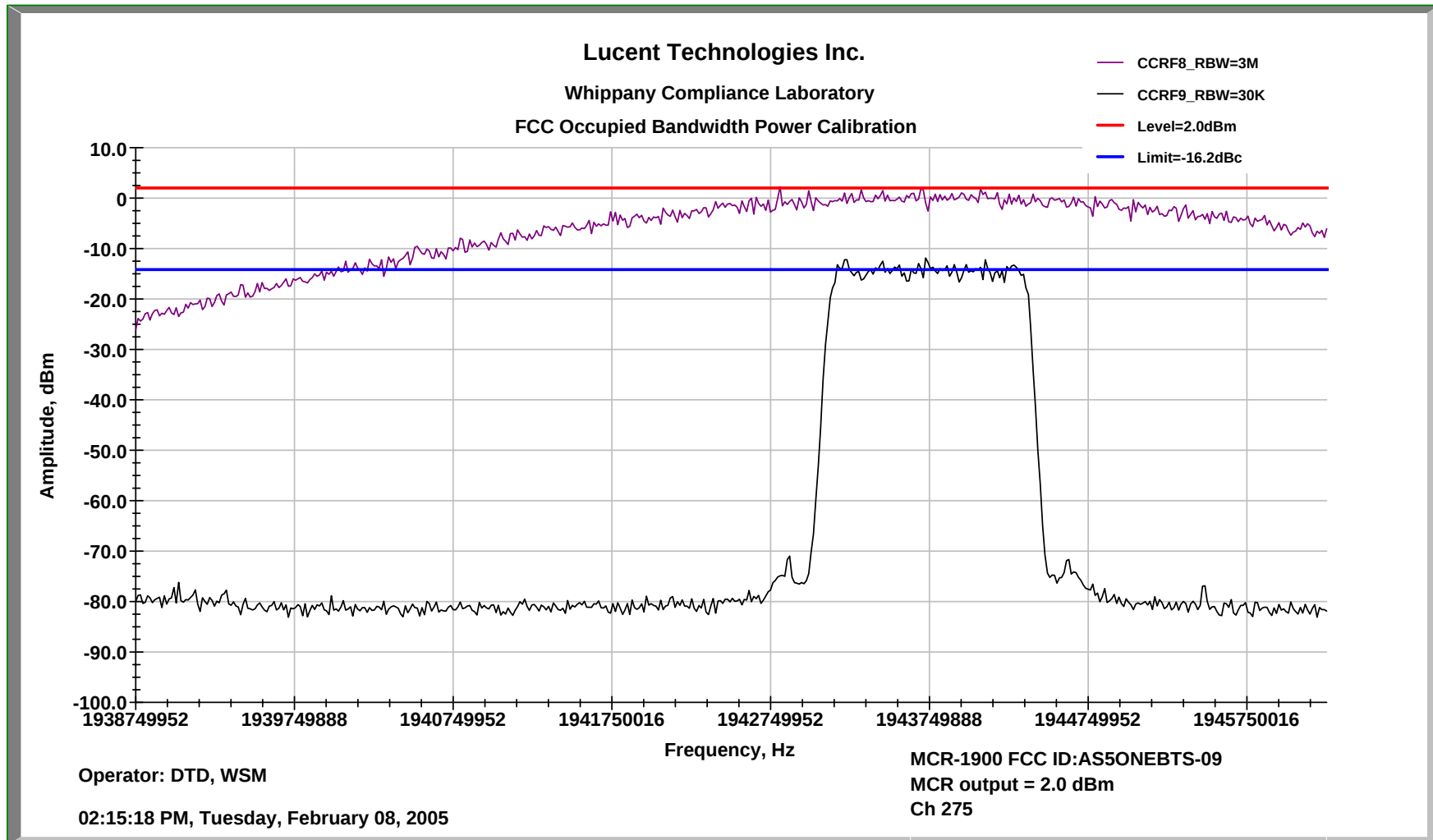


Exhibit 14 Continued

FCC Occupied Bandwidth: Output Chart - PCS A Block, Sub-Block A5, 1 Carrier / 2 P2PAM Configuration

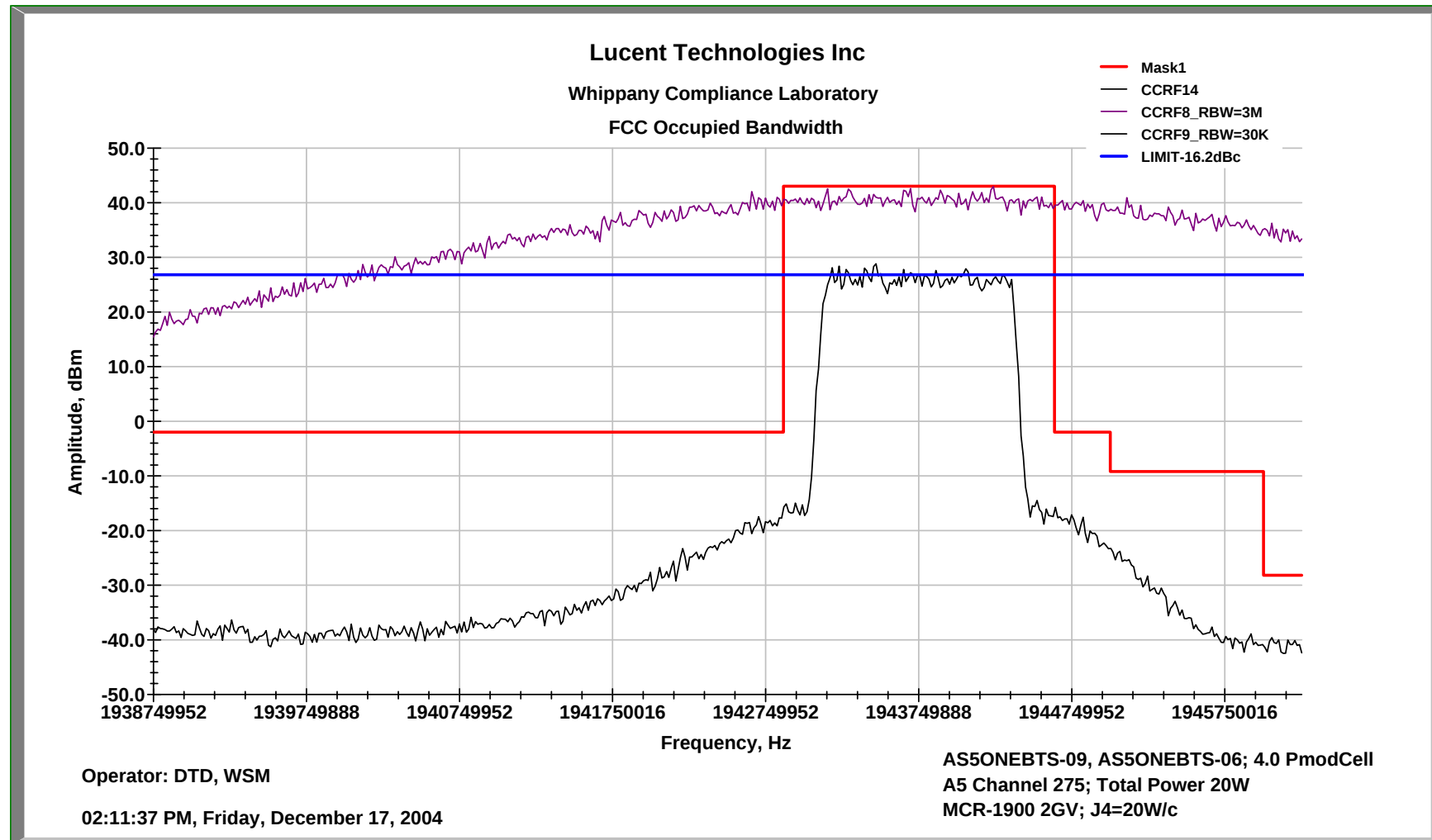


Exhibit 14 Continued

FCC Occupied Bandwidth: MCR-1900 Output - PCS A Block, Sub-Block A5, 2 Carrier / 1 P2PAM Configuration

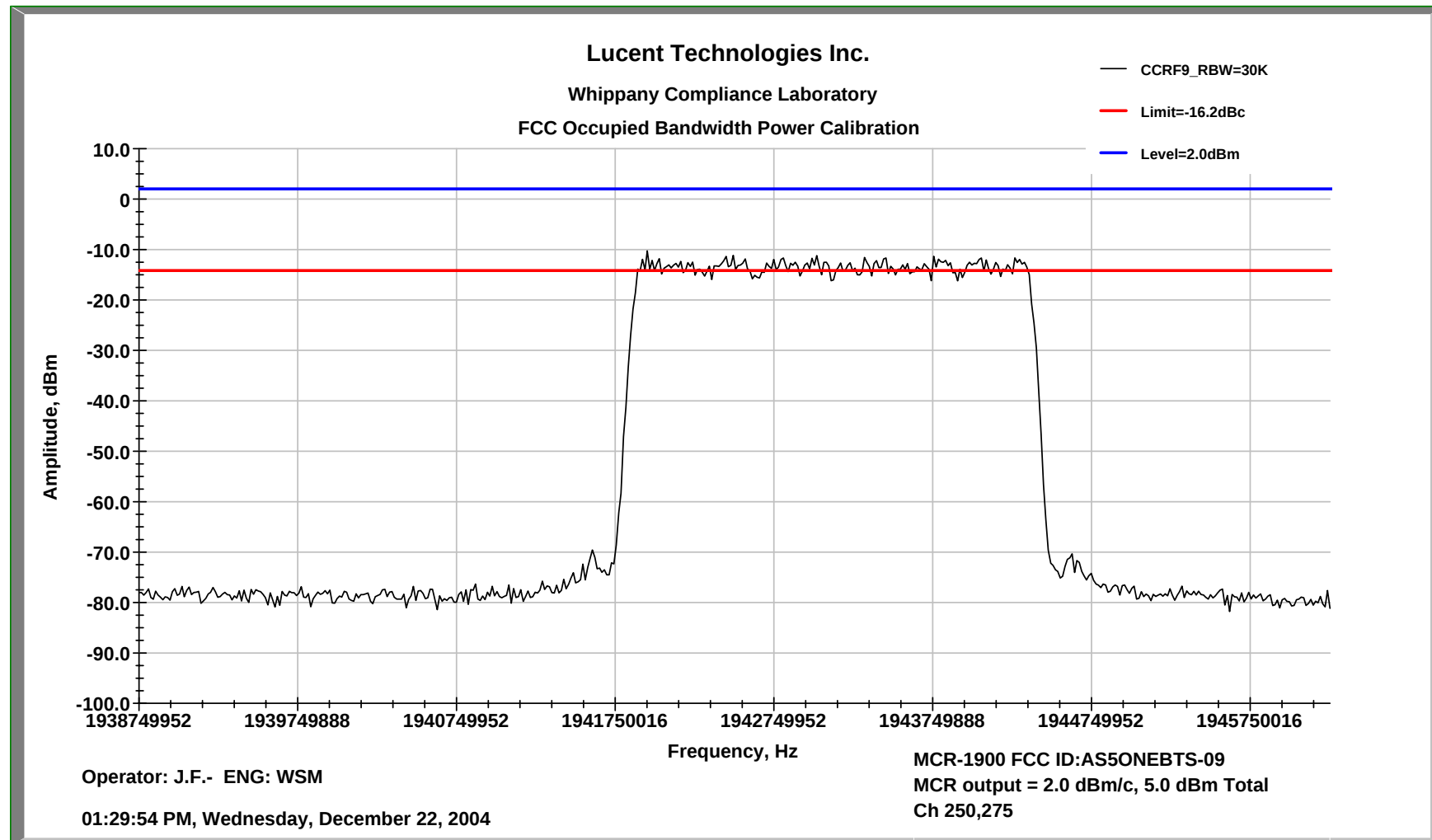


Exhibit 14 Continued

FCC Occupied Bandwidth: Output Chart - PCS A Block, Sub-Block A5, 2 Carrier / 1 P2PAM Configuration

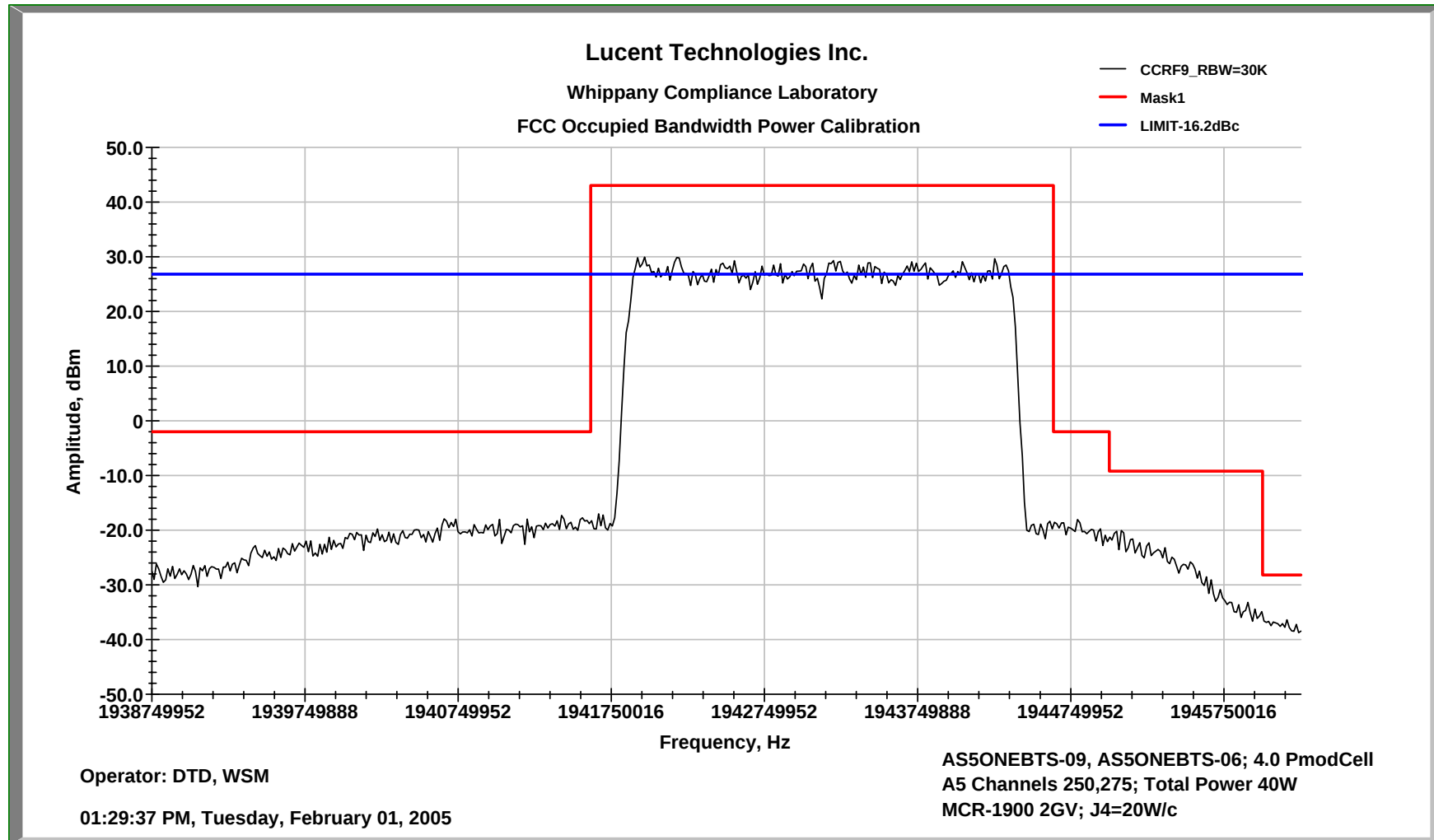


Exhibit 14 Continued

FCC Occupied Bandwidth: MCR-1900 Output - PCS A Block, Sub-Block A5, 3 Carrier / 2 P2PAM Configuration

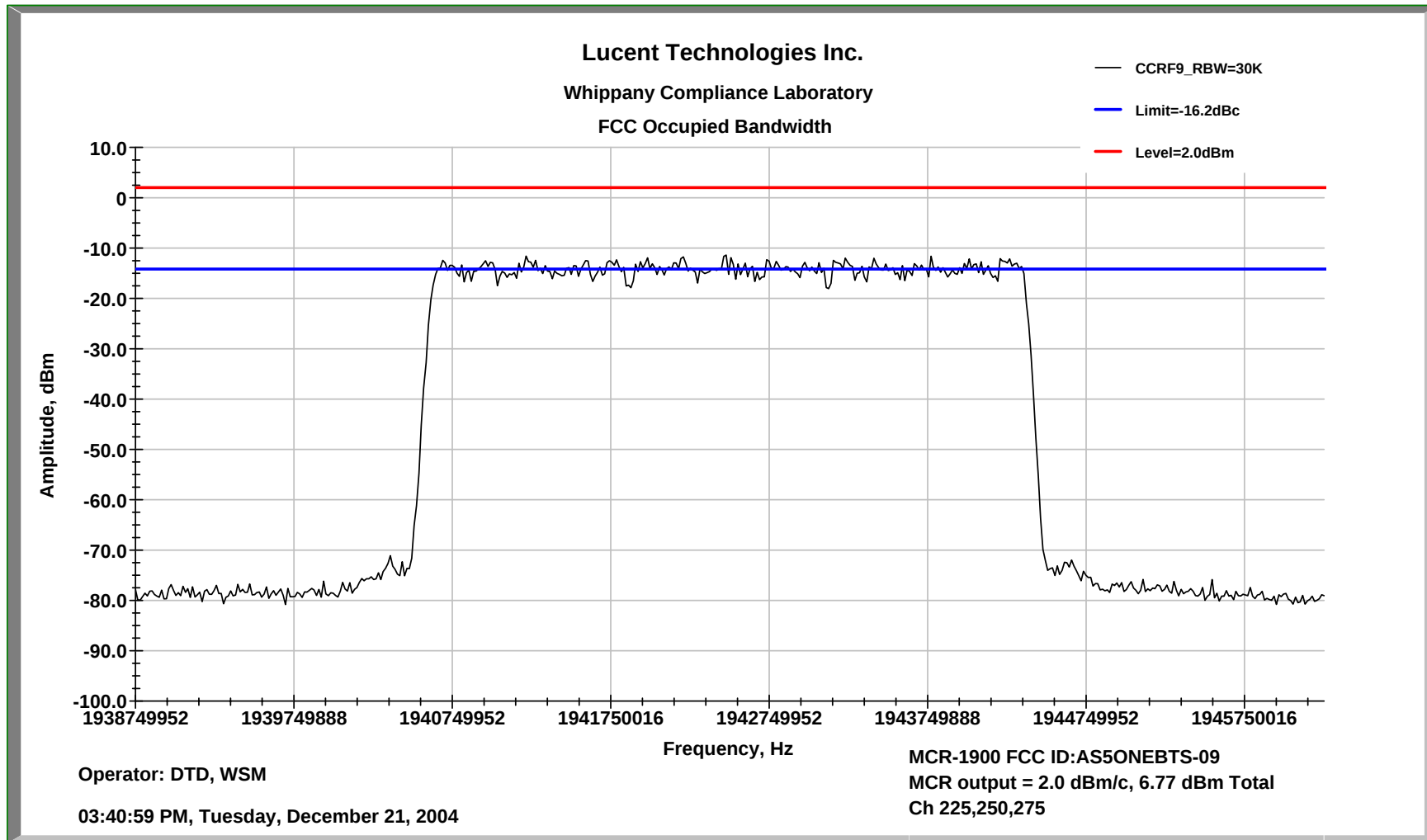


Exhibit 14 Continued

FCC Occupied Bandwidth: Output Chart - PCS A Block, Sub-Block A5, 3 Carrier / 2 P2PAM Configuration

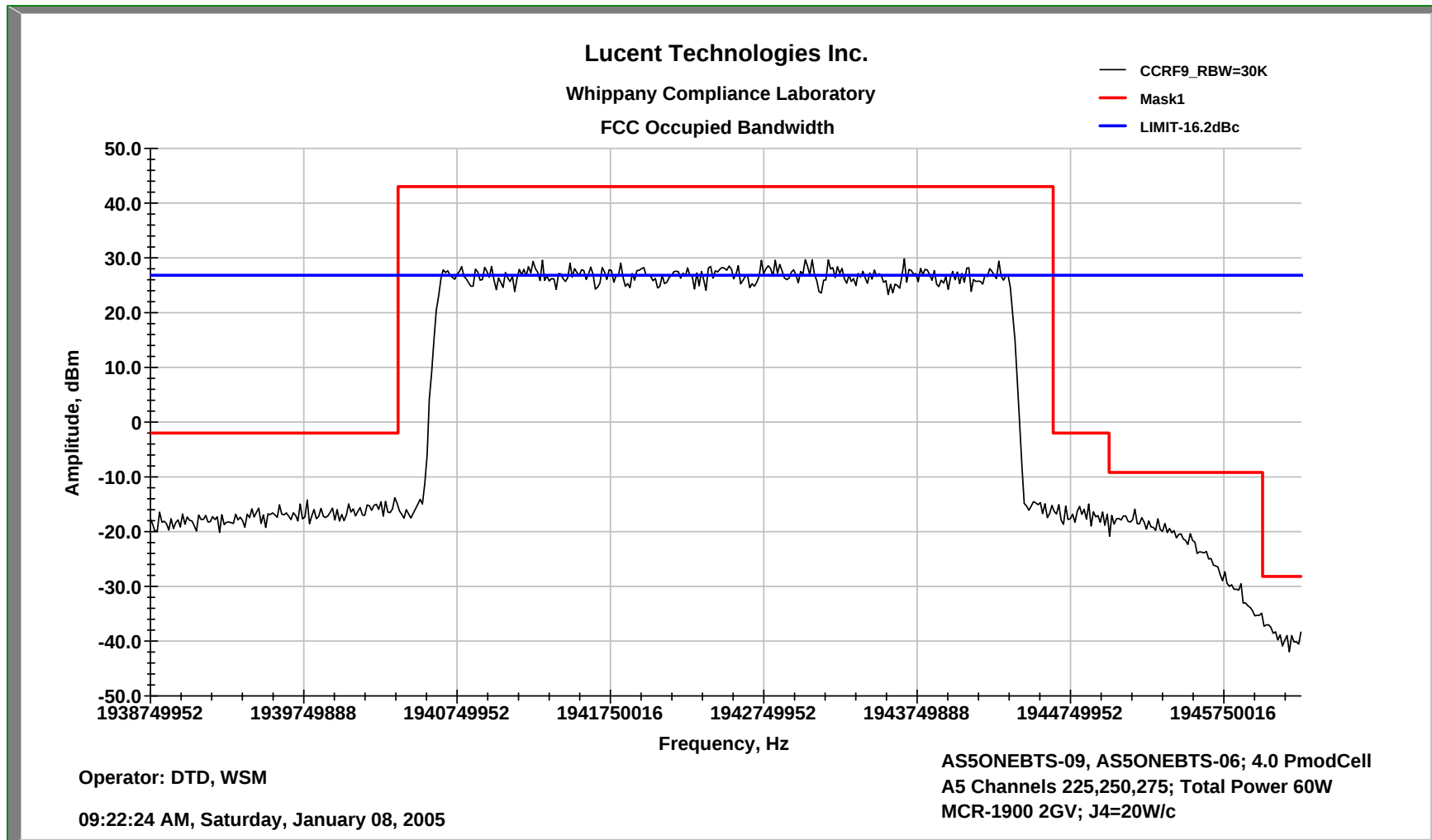


Exhibit 14 Continued

FCC Occupied Bandwidth: MCR-1900 Output - PCS A Block, Sub-Block A3/A5, 5 Carrier / 3 P2PAM Configuration

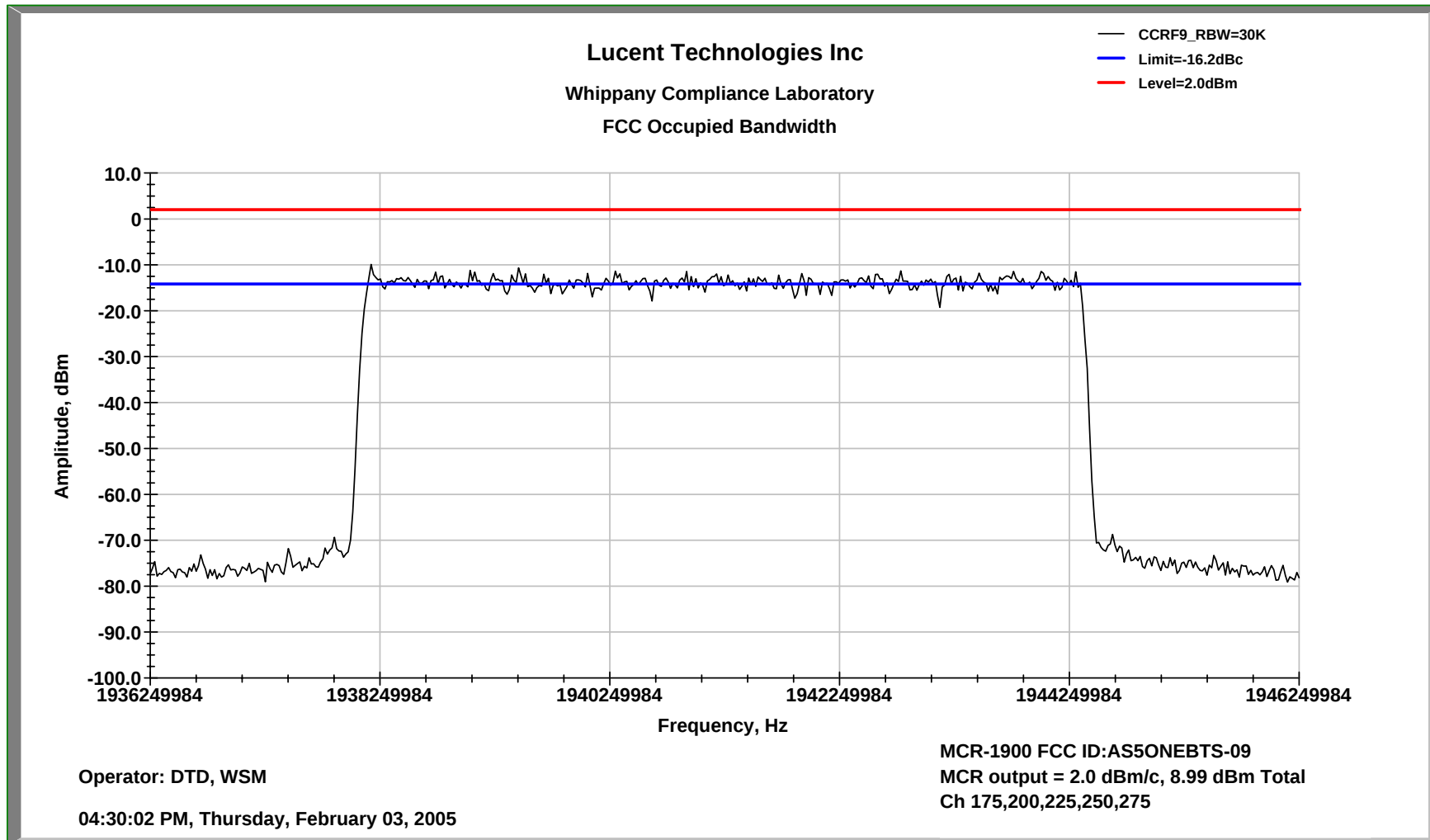


Exhibit 14 Continued

FCC Occupied Bandwidth: Output Chart - PCS A Block, Sub-Block A3/A5, 5 Carrier / 3 P2PAM Configuration

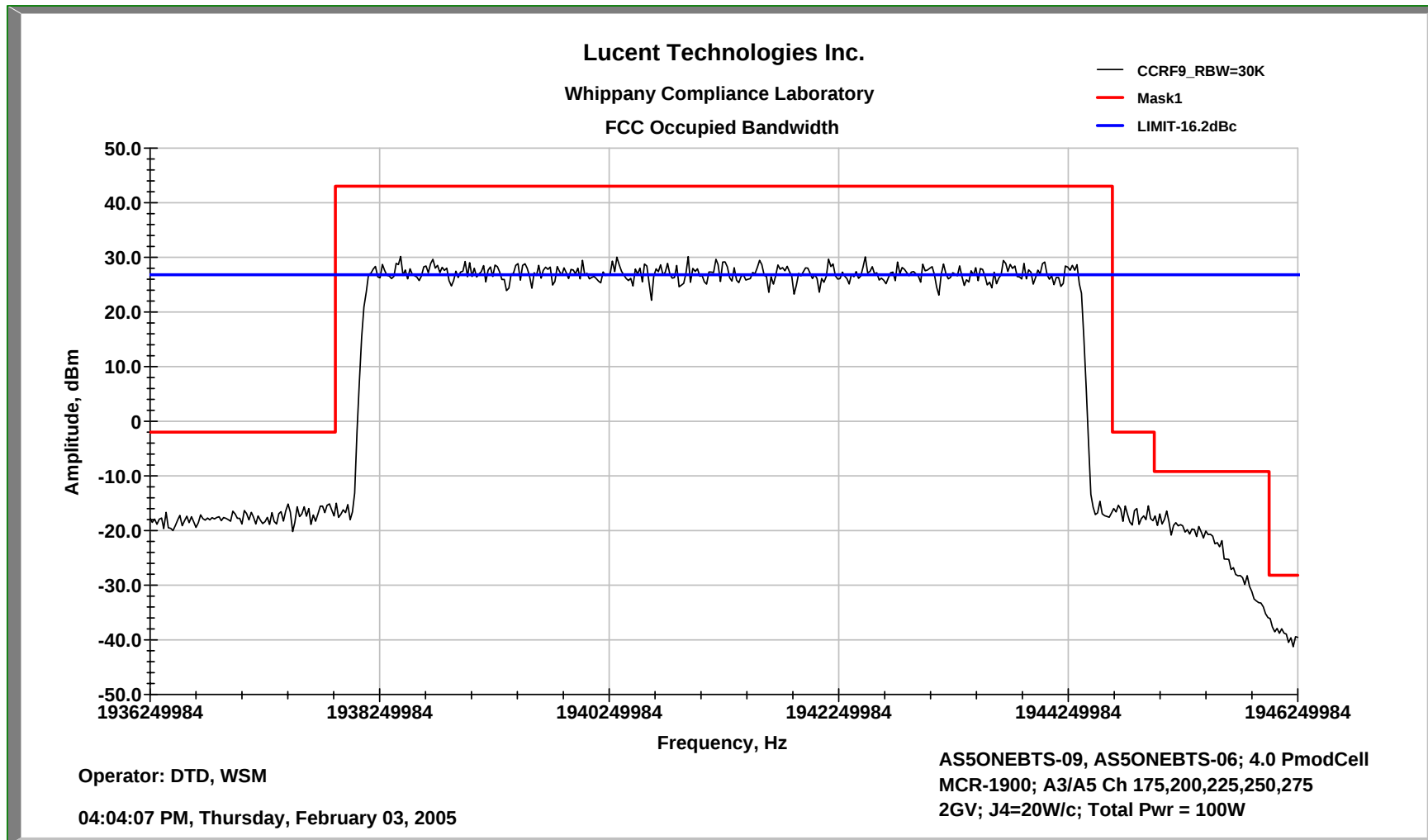


Exhibit 14 Continued

FCC Occupied Bandwidth: MCR-1900 Output - PCS B Block, Sub-Block B1/B2, 5 Carrier / 3 P2PAM Configuration

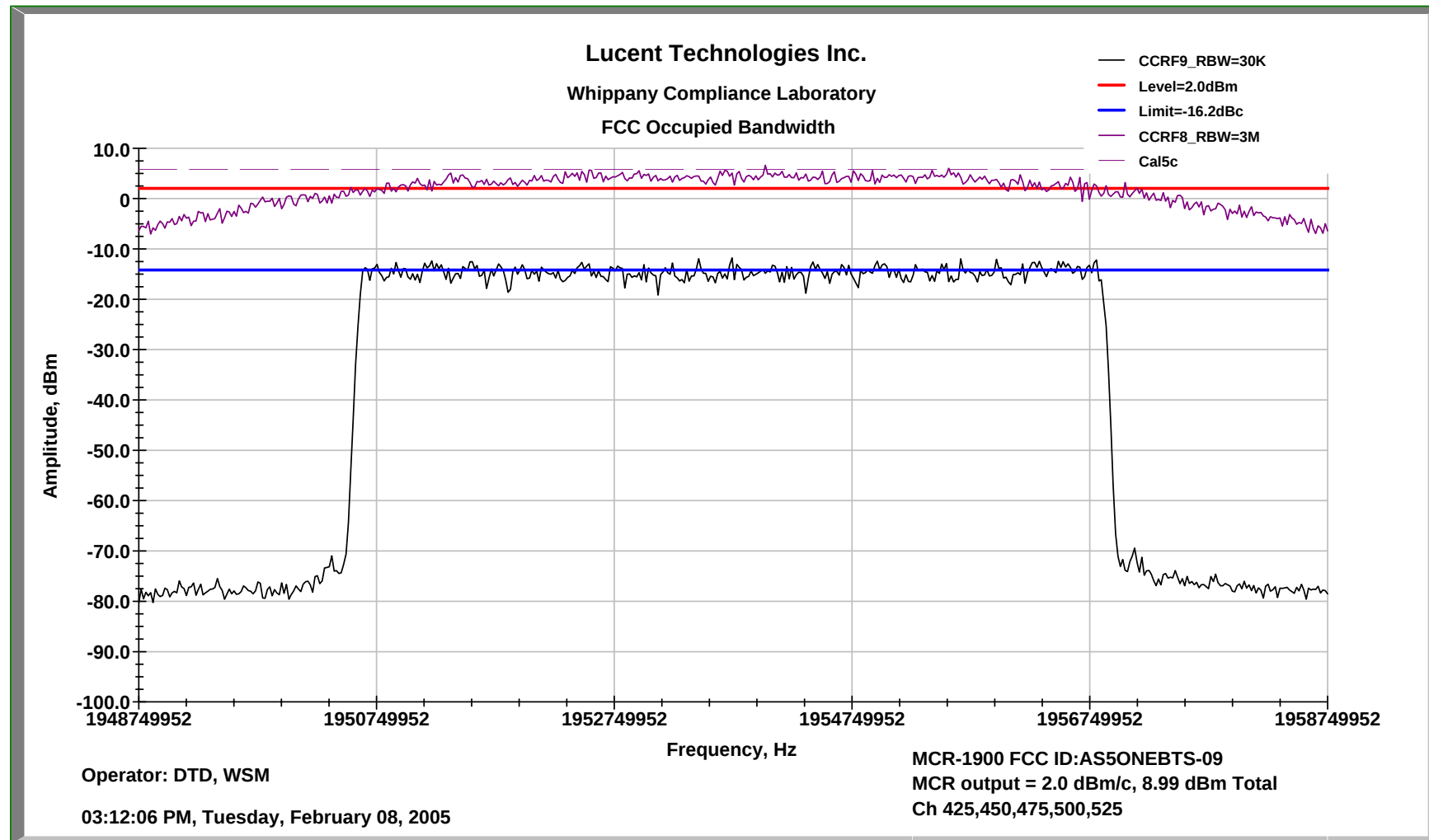


Exhibit 14 Continued

FCC Occupied Bandwidth: Output Chart - PCS B Block, Sub-Block B1/B2, 5 Carrier / 3 P2PAM Configuration

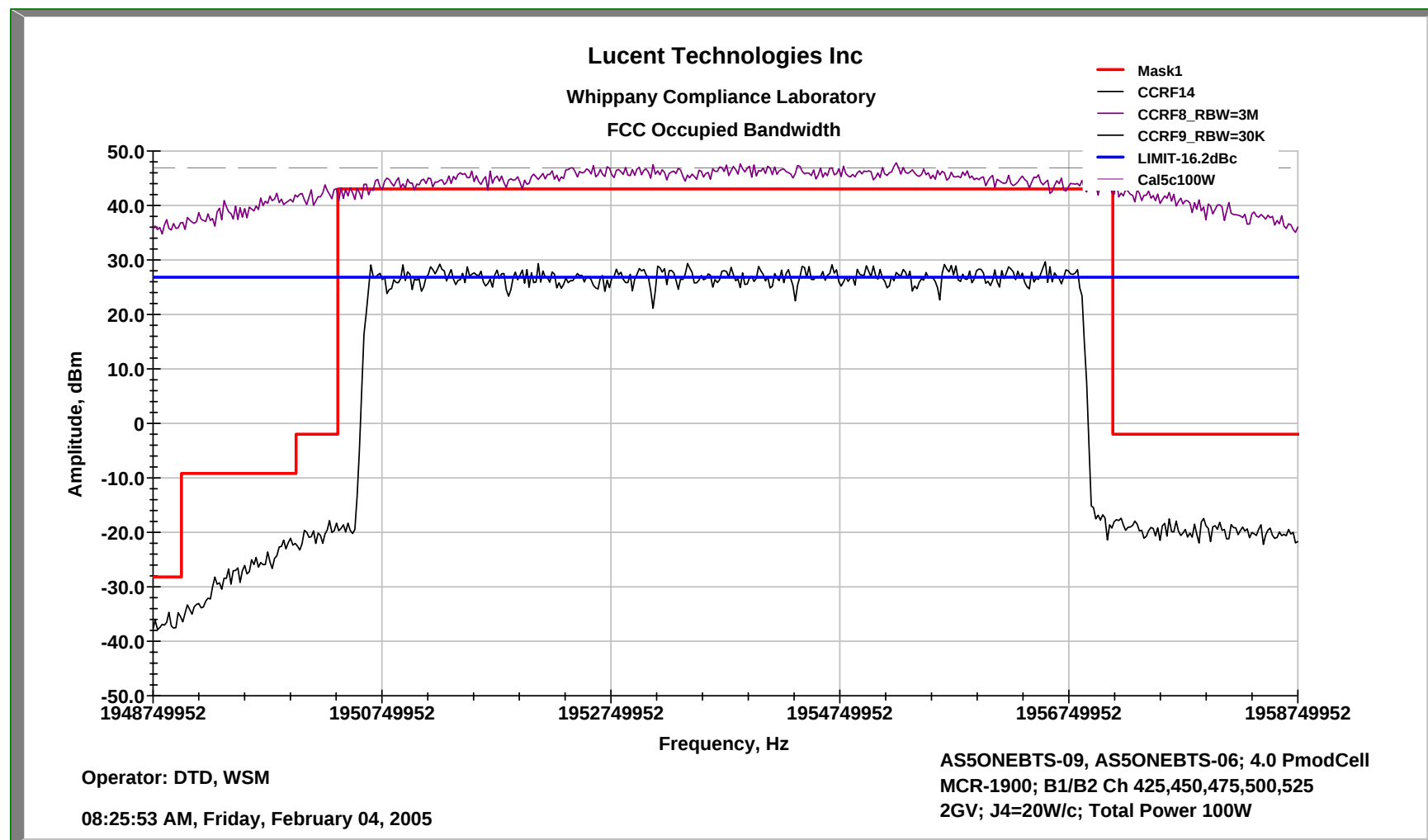


Exhibit 14 Continued

FCC Occupied Bandwidth: MCR-1900 Output - PCS B Block, Sub-Block B3/B5, 5 Carrier / 3 P2PAM Configuration

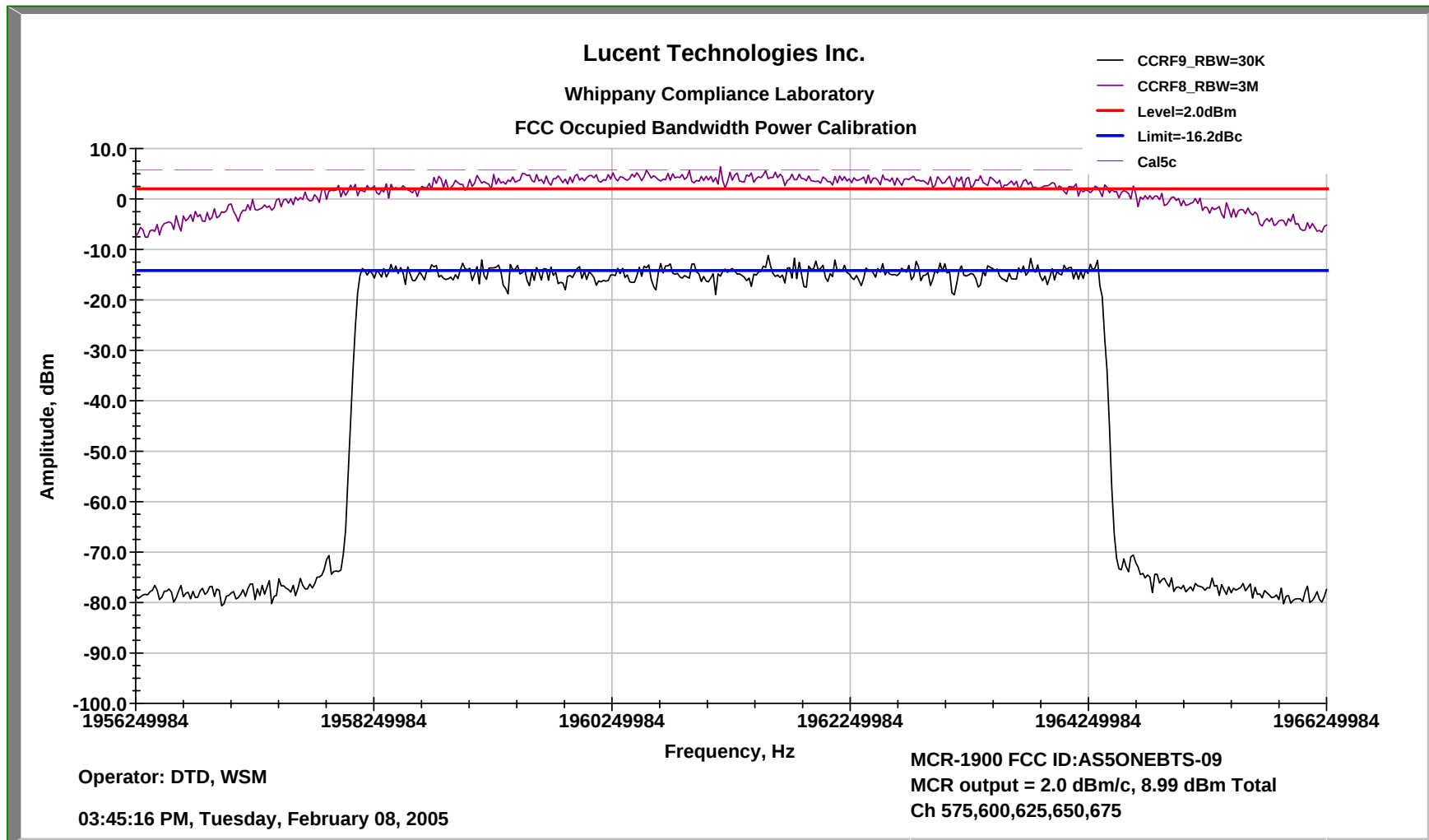


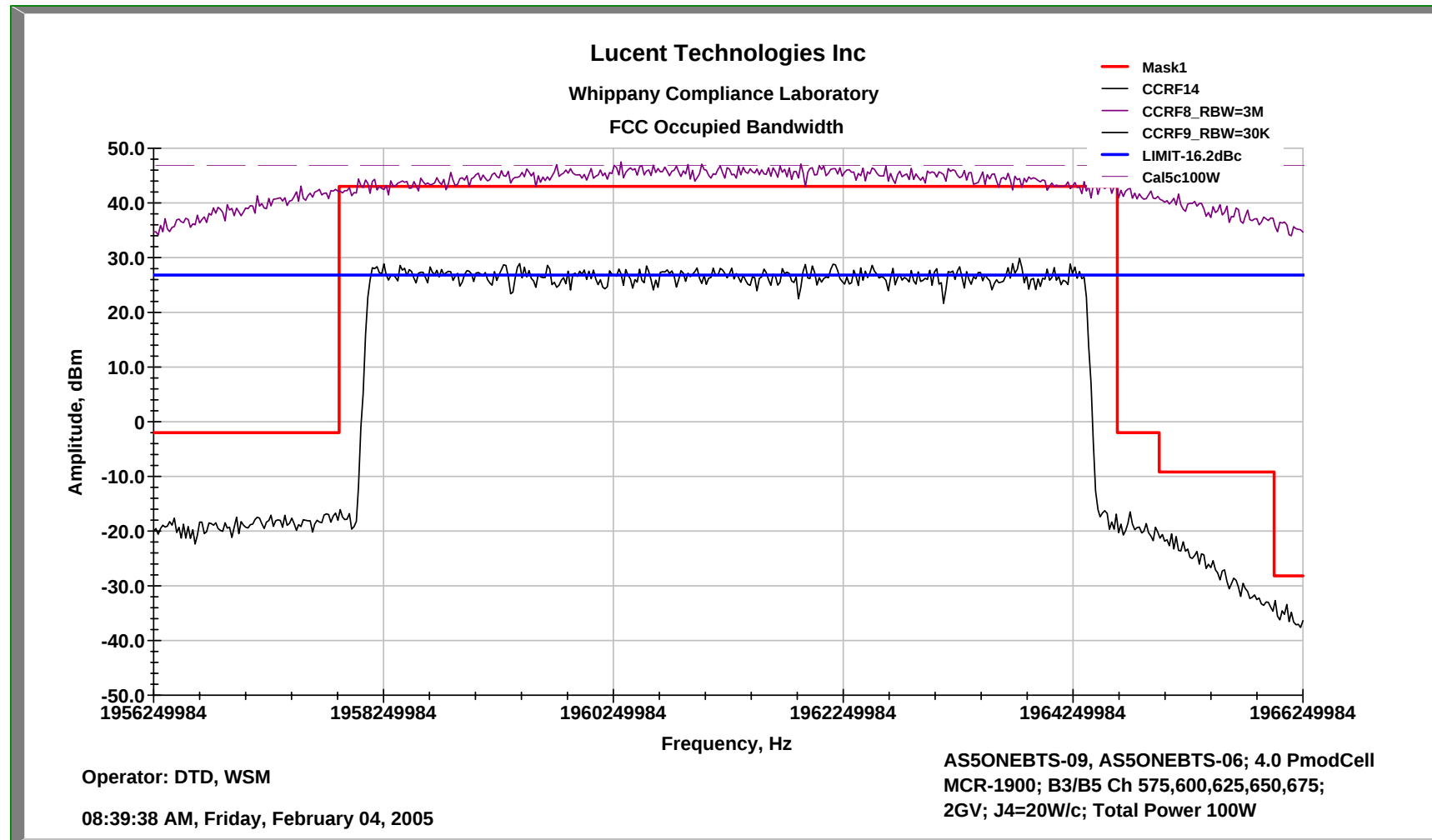
Exhibit 14 Continued**FCC Occupied Bandwidth: Output Chart - PCS B Block, Sub-Block B3/B5, 5 Carrier / 3 P2PAM Configuration**

Exhibit 14 Continued

FCC Occupied Bandwidth: MCR-1900 Output - PCS C Block, Sub-Block C6, 2 Carrier / 1 P2PAM Configuration

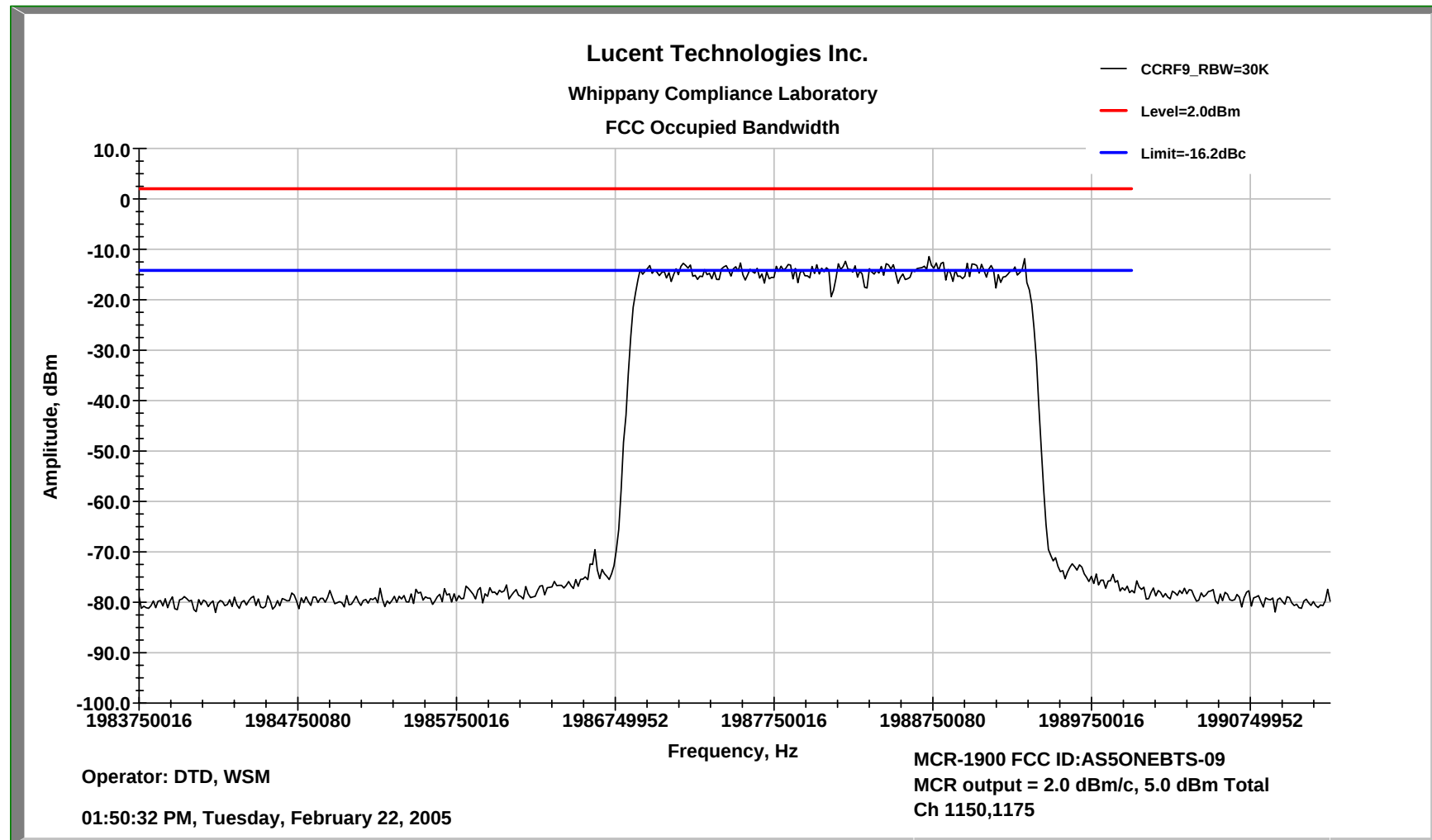


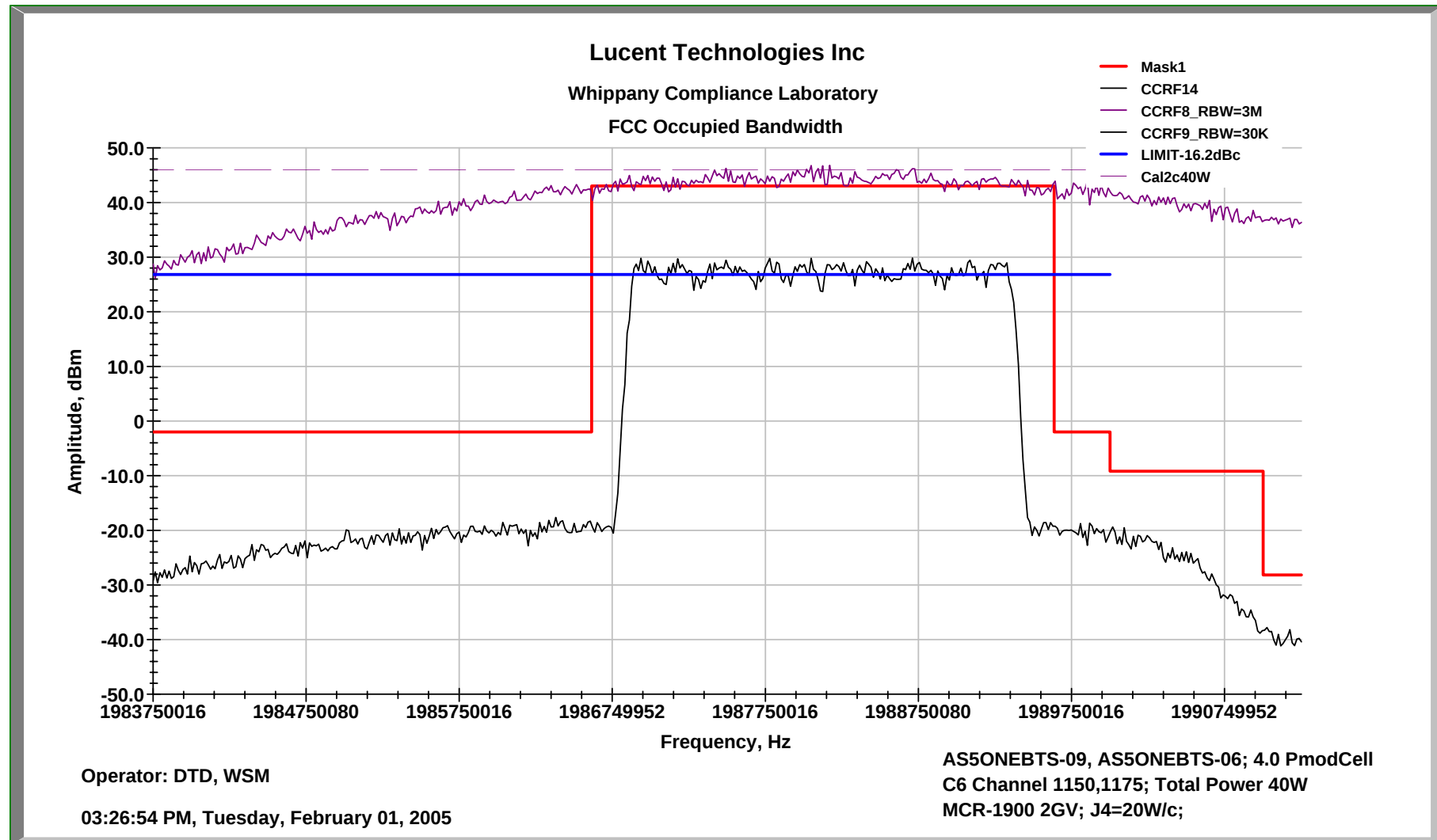
Exhibit 14 Continued**FCC Occupied Bandwidth: Output Chart- PCS C Block, Sub-Block C6, 2 Carrier / 1 P2PAM Configuration**

Exhibit 14 Continued

FCC Occupied Bandwidth: MCR-1900 Output - PCS C Block, Sub-Block C1/C2, 5 Carrier / 3 P2PAM Configuration

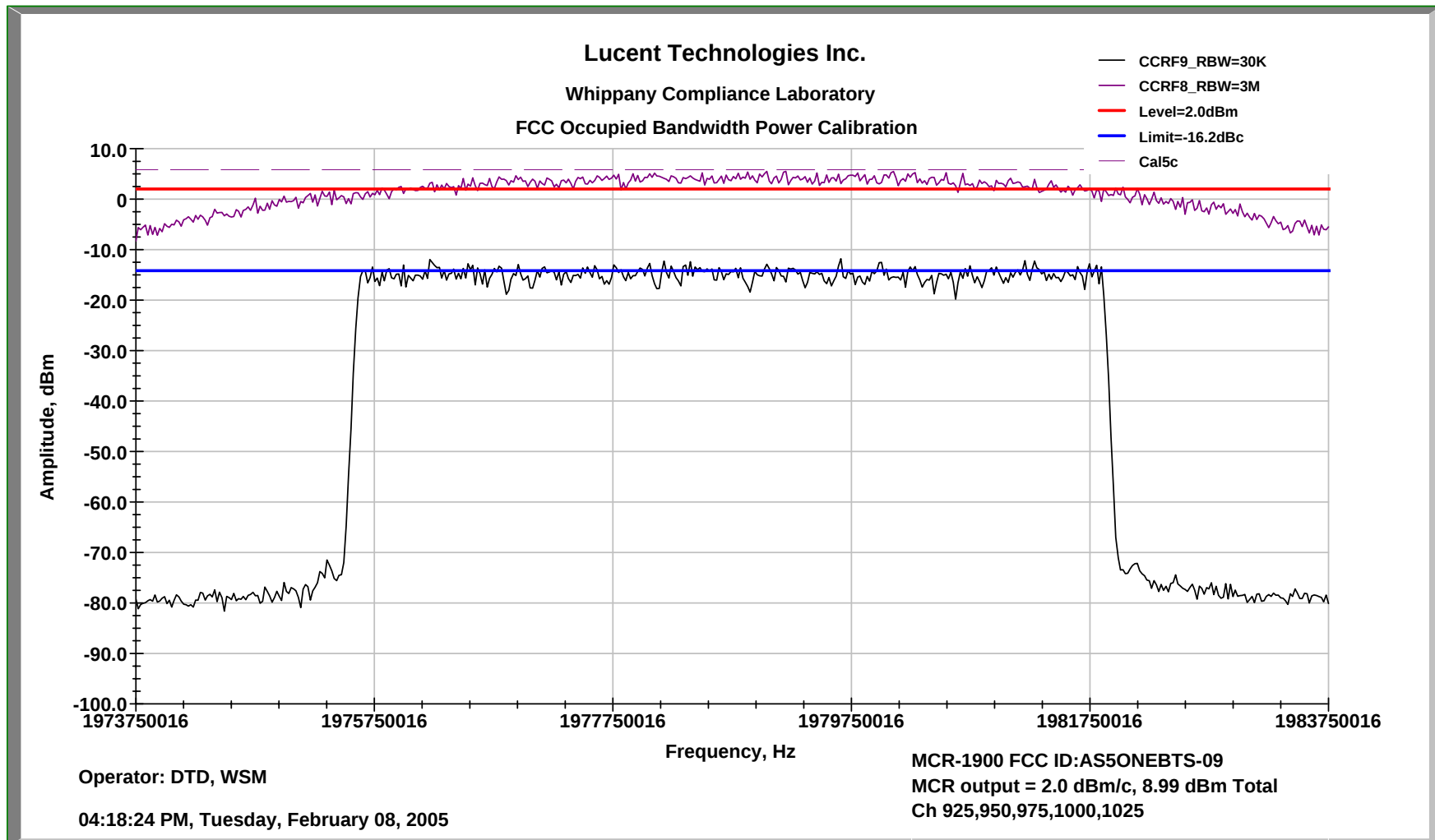


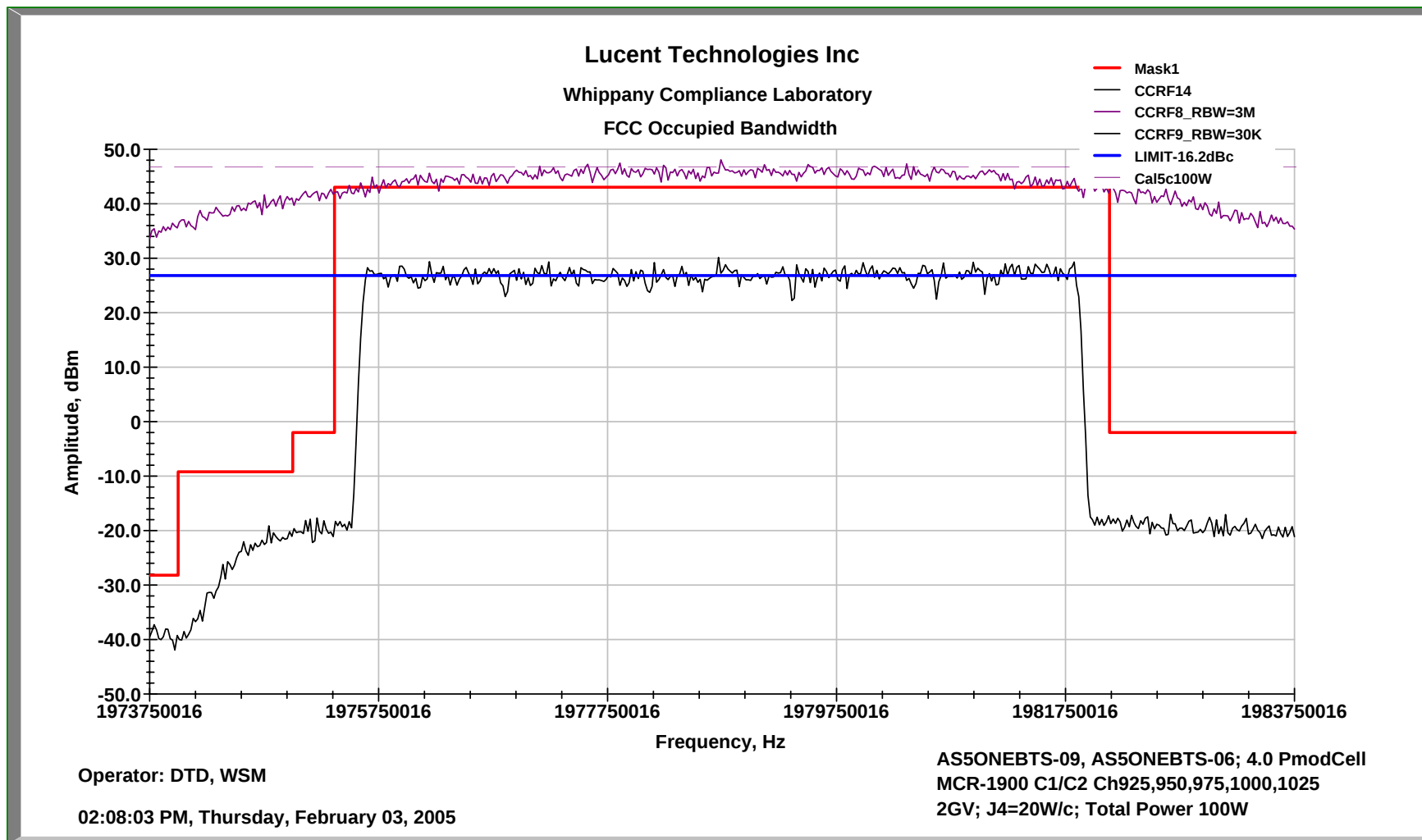
Exhibit 14 Continued**FCC Occupied Bandwidth: Output Chart- PCS C Block, Sub-Block C1/C2, 5 Carrier / 3 P2PAM Configuration**

Exhibit 14 Continued

FCC Occupied Bandwidth: MCR-1900 Output - PCS C Block, Sub-Block C3/C6, 5 Carrier / 3 P2PAM Configuration

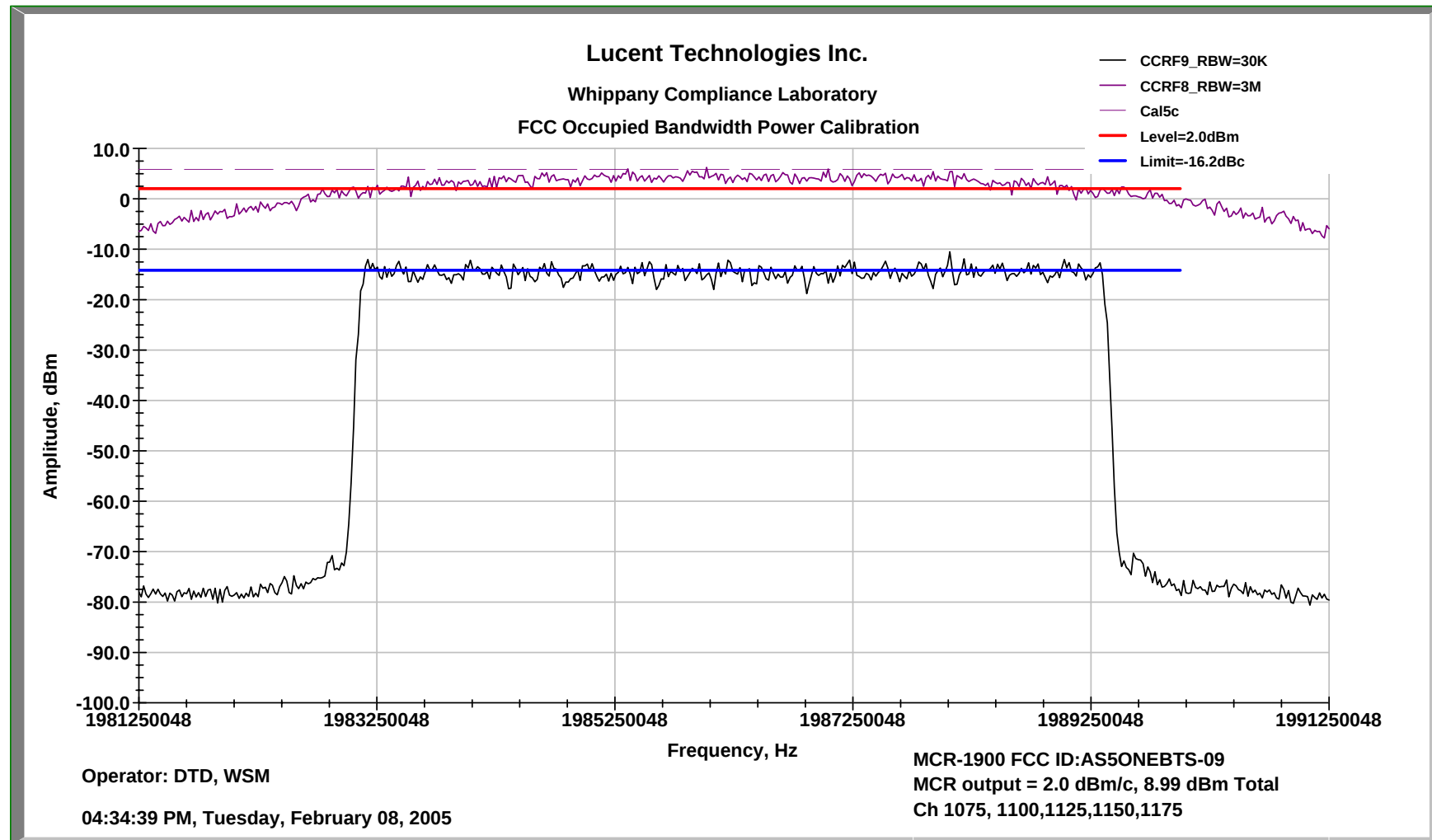


Exhibit 14 Continued

FCC Occupied Bandwidth: Output Chart- PCS C Block, Sub-Block C3/C6, 5 Carrier / 3 P2PAM Configuration

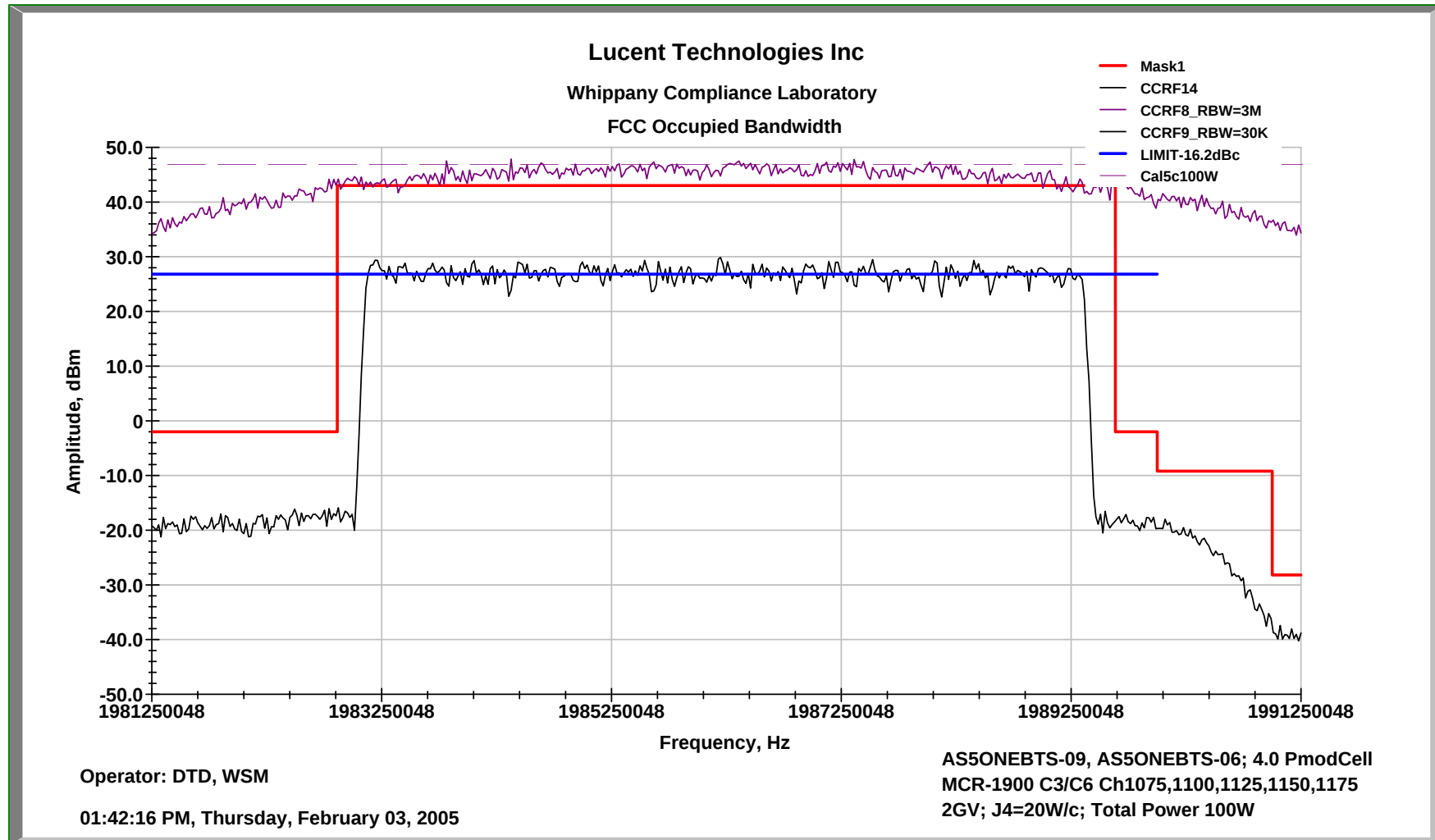


Exhibit 14 Continued

FCC Occupied Bandwidth: MCR-1900 Output - PCS D Block (ch 325,350), 2 Carrier / 1 P2PAM Configuration

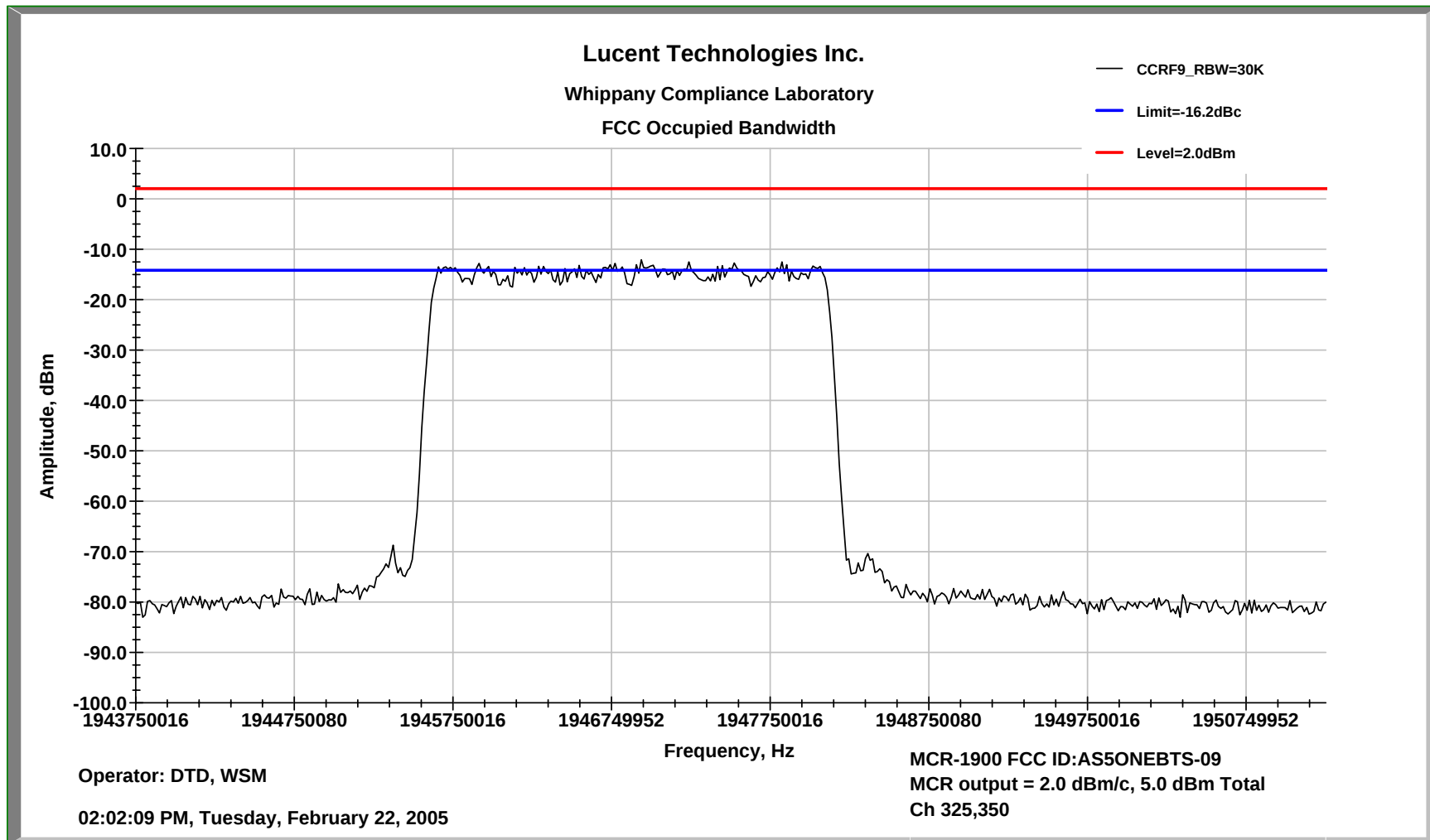


Exhibit 14 Continued

FCC Occupied Bandwidth: Output Chart- PCS D Block (ch 325,350), 2 Carrier / 1 P2PAM Configuration

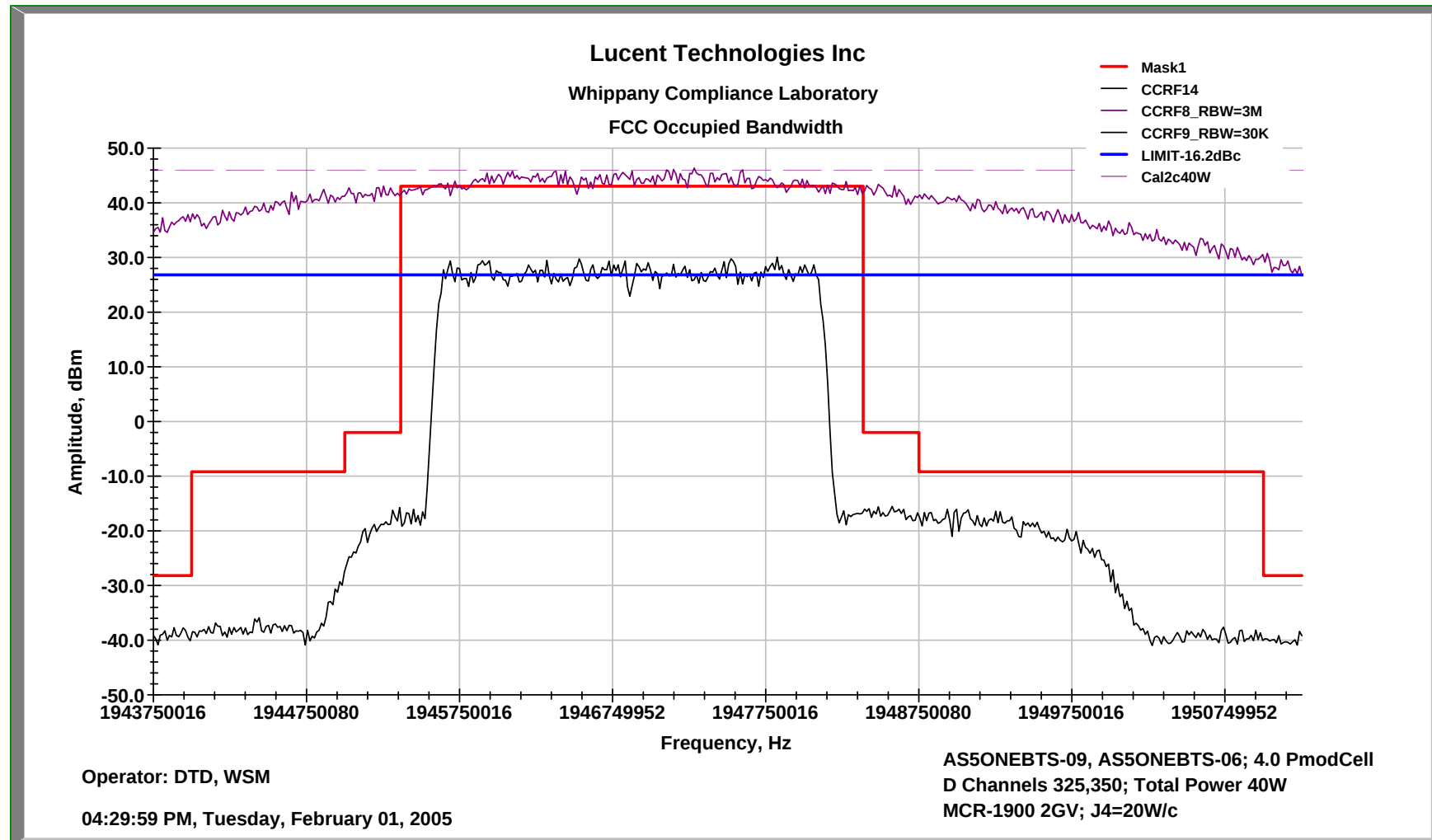


Exhibit 14 Continued

FCC Occupied Bandwidth: MCR-1900 Output - PCS D Block (ch 350,375), 2 Carrier / 1 P2PAM Configuration

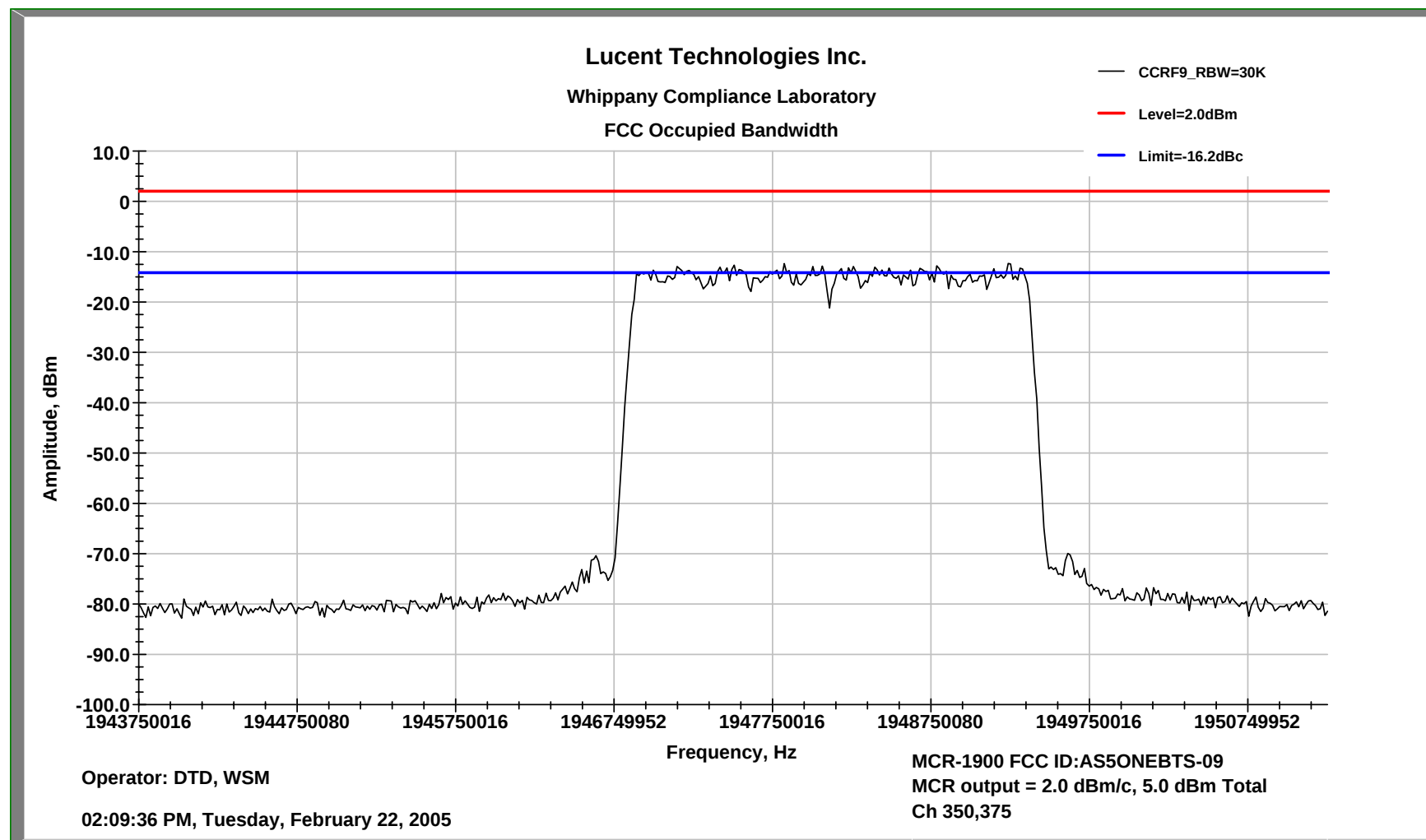


Exhibit 14 Continued

FCC Occupied Bandwidth: Output Chart- PCS D Block (ch 350,375), 2 Carrier / 1 P2PAM Configuration

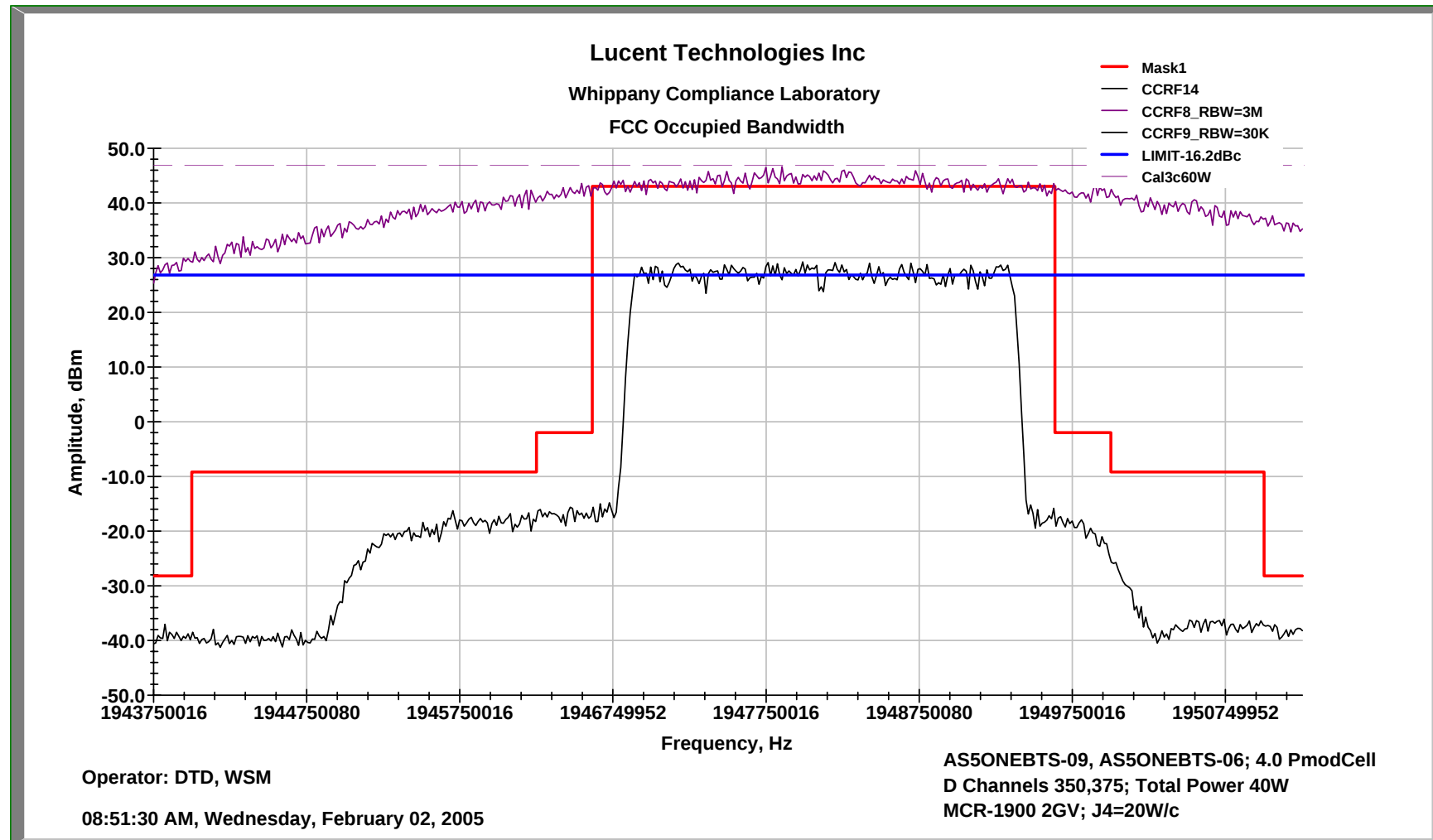


Exhibit 14 Continued

FCC Occupied Bandwidth: MCR-1900 Output - PCS D Block, 3 Carrier / 2 P2PAM Configuration

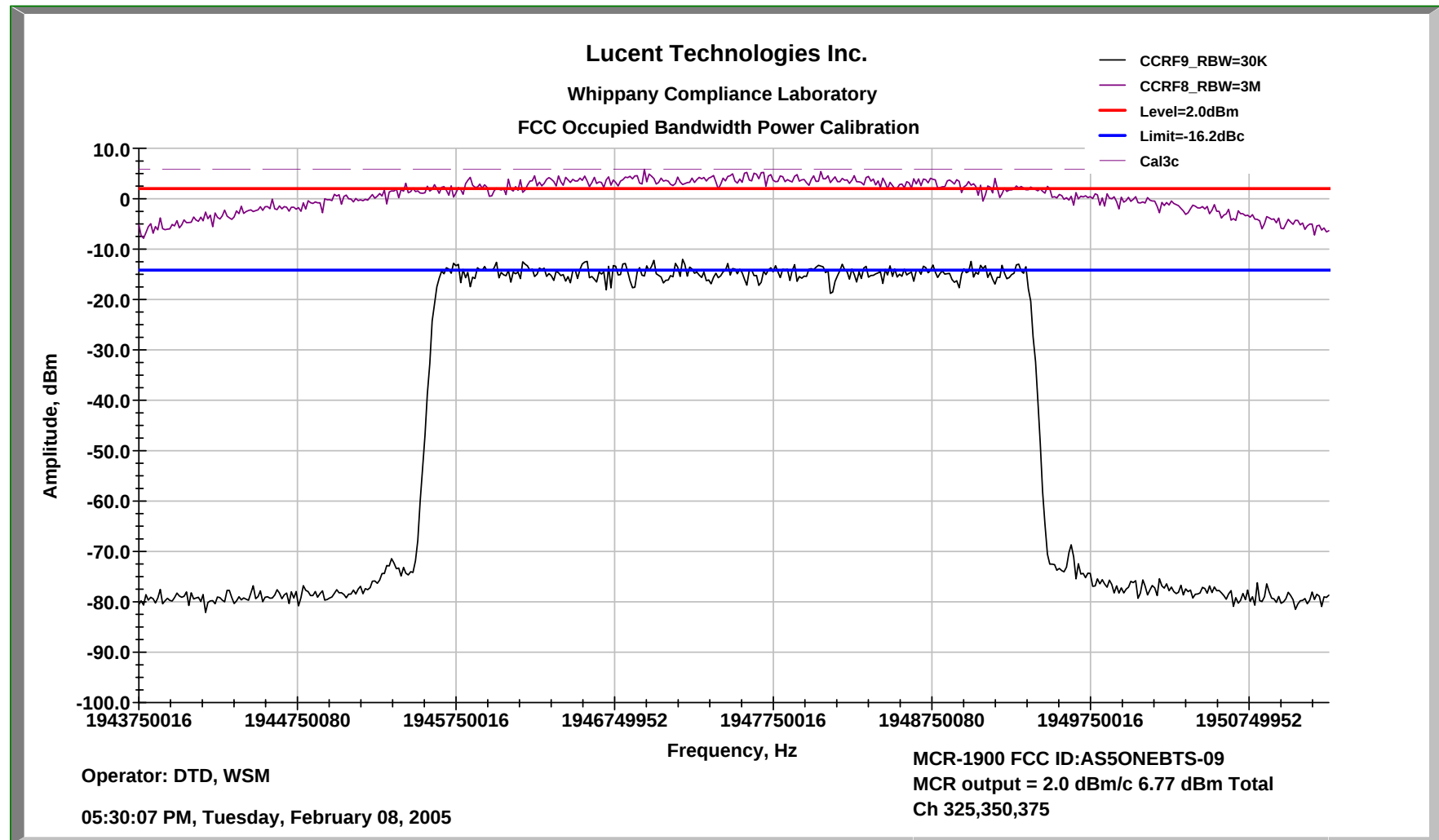


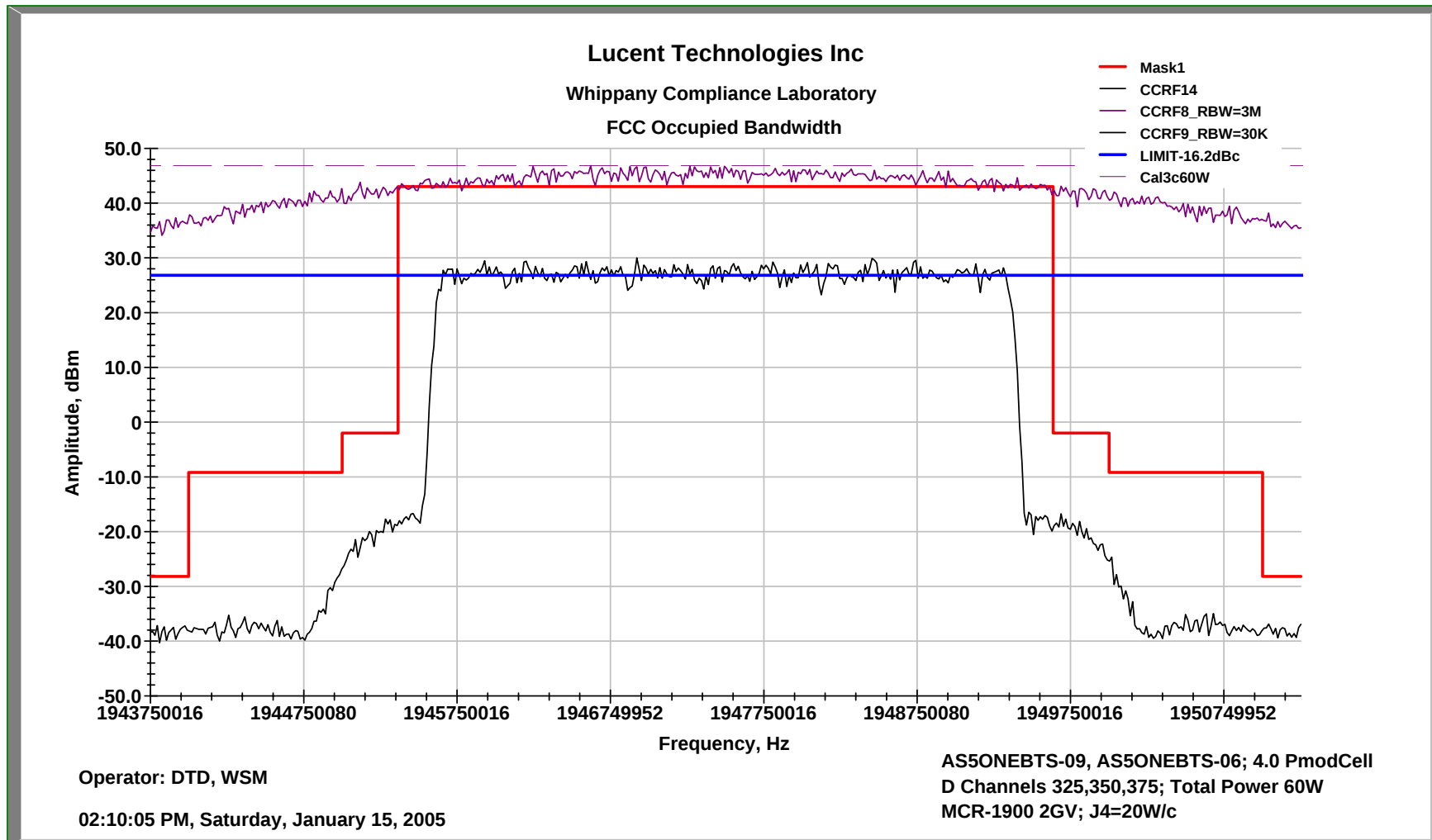
Exhibit 14 Continued**FCC Occupied Bandwidth: Output Chart- PCS D Block, 3 Carrier / 2 P2PAM Configuration**

Exhibit 14 Continued

FCC Occupied Bandwidth: MCR-1900 Output - PCS E Block (ch 725,750), 2 Carrier / 1 P2PAM Configuration

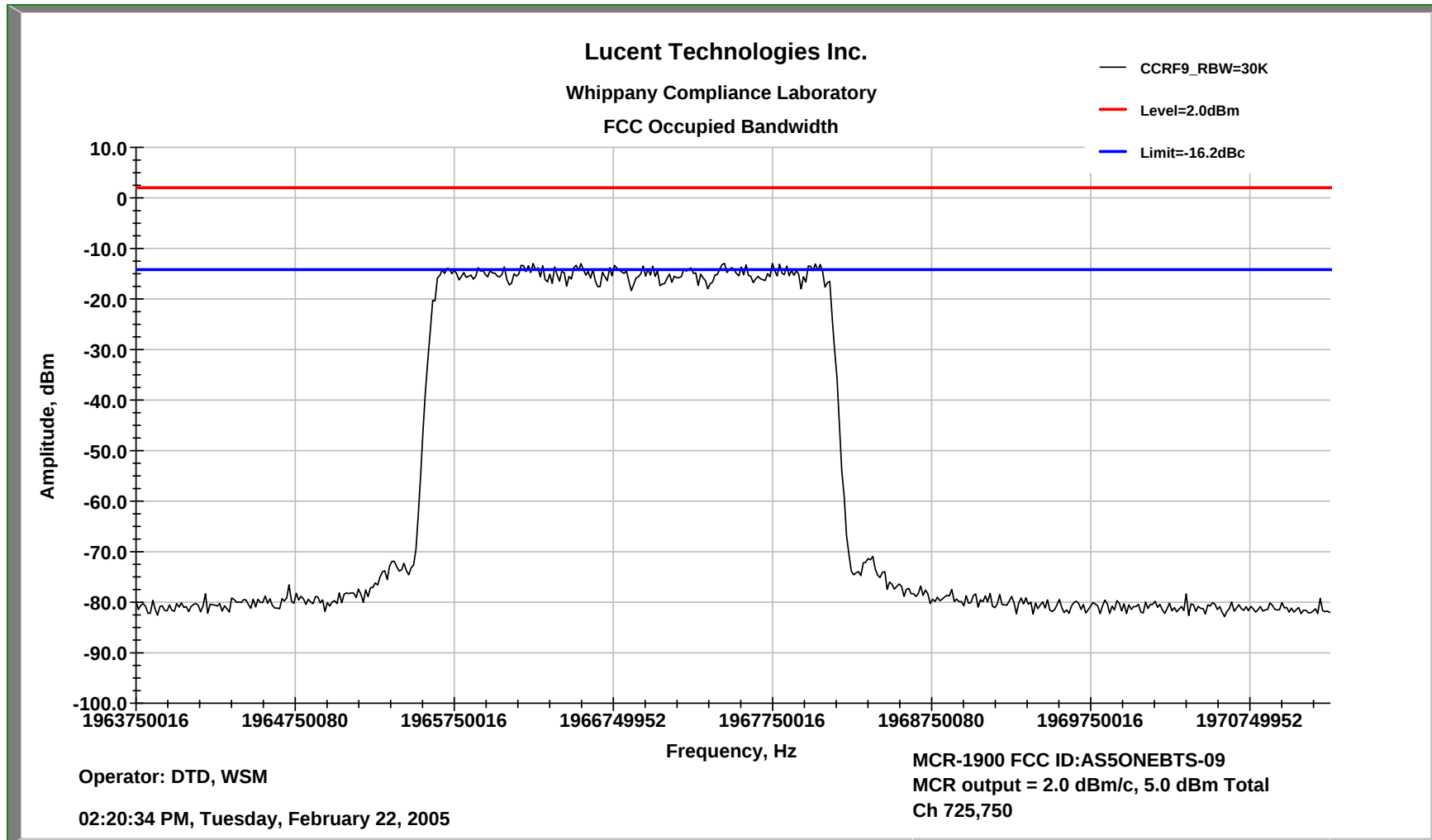


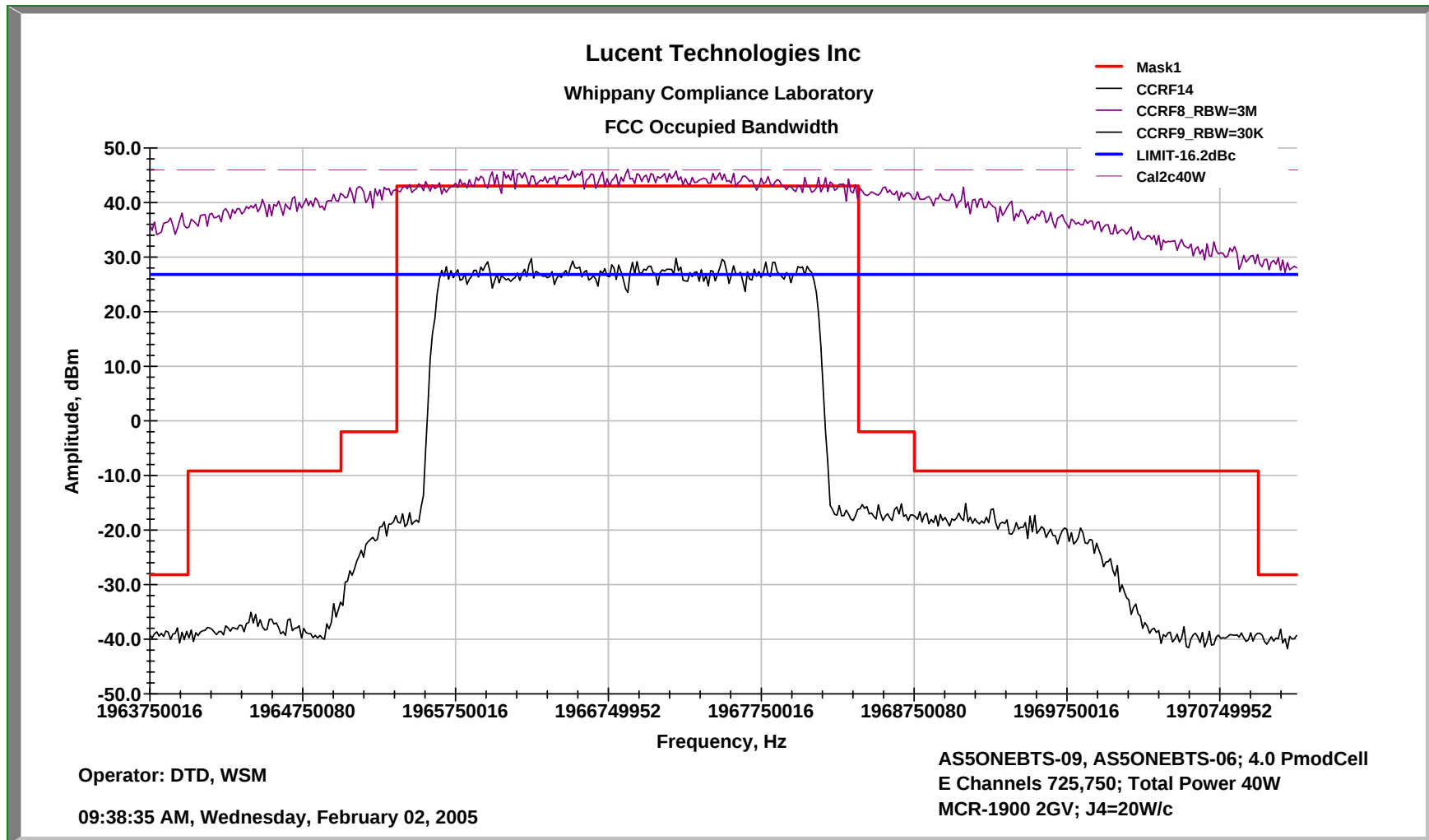
Exhibit 14 Continued**FCC Occupied Bandwidth: Output Chart- PCS E Block (ch 725,750), 2 Carrier / 1 P2PAM Configuration**

Exhibit 14 Continued

FCC Occupied Bandwidth: MCR-1900 Output - PCS E Block (ch 750,775), 2 Carrier / 1 P2PAM Configuration

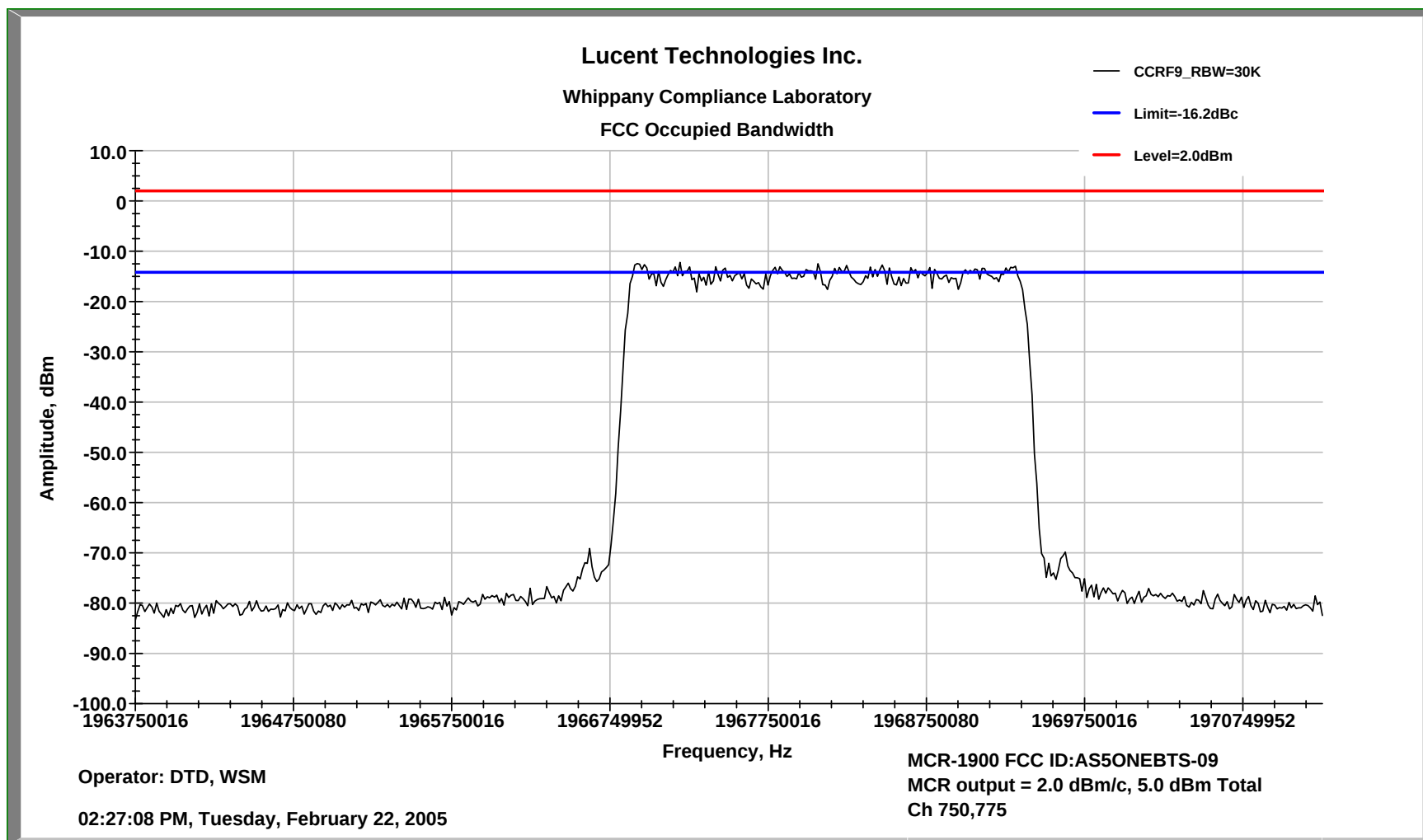


Exhibit 14 Continued

FCC Occupied Bandwidth: Output Chart- PCS E Block (ch 750,775), 2 Carrier / 1 P2PAM Configuration

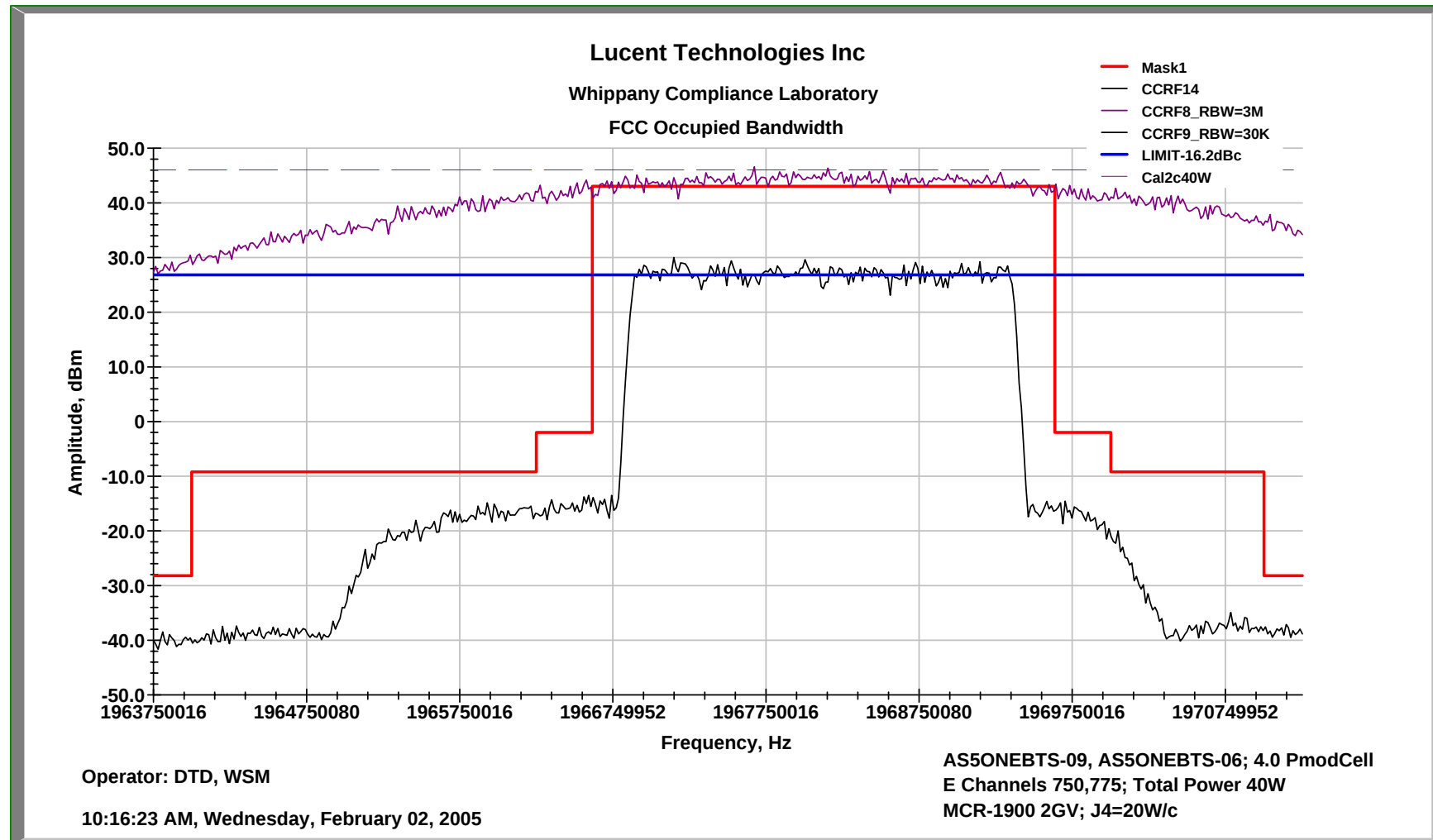


Exhibit 14 Continued

FCC Occupied Bandwidth: MCR-1900 Output - PCS E Block, 3 Carrier / 2 P2PAM Configuration

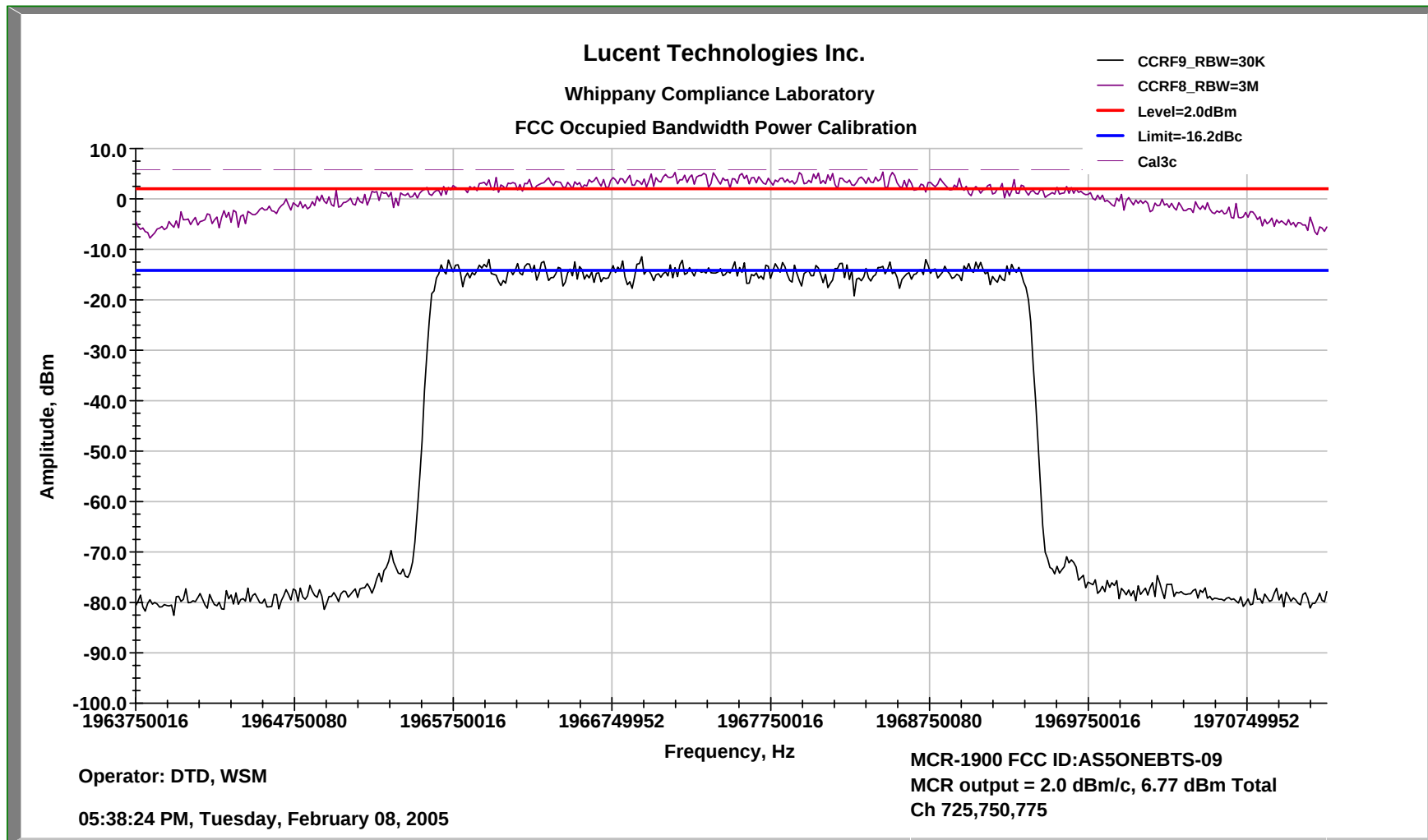


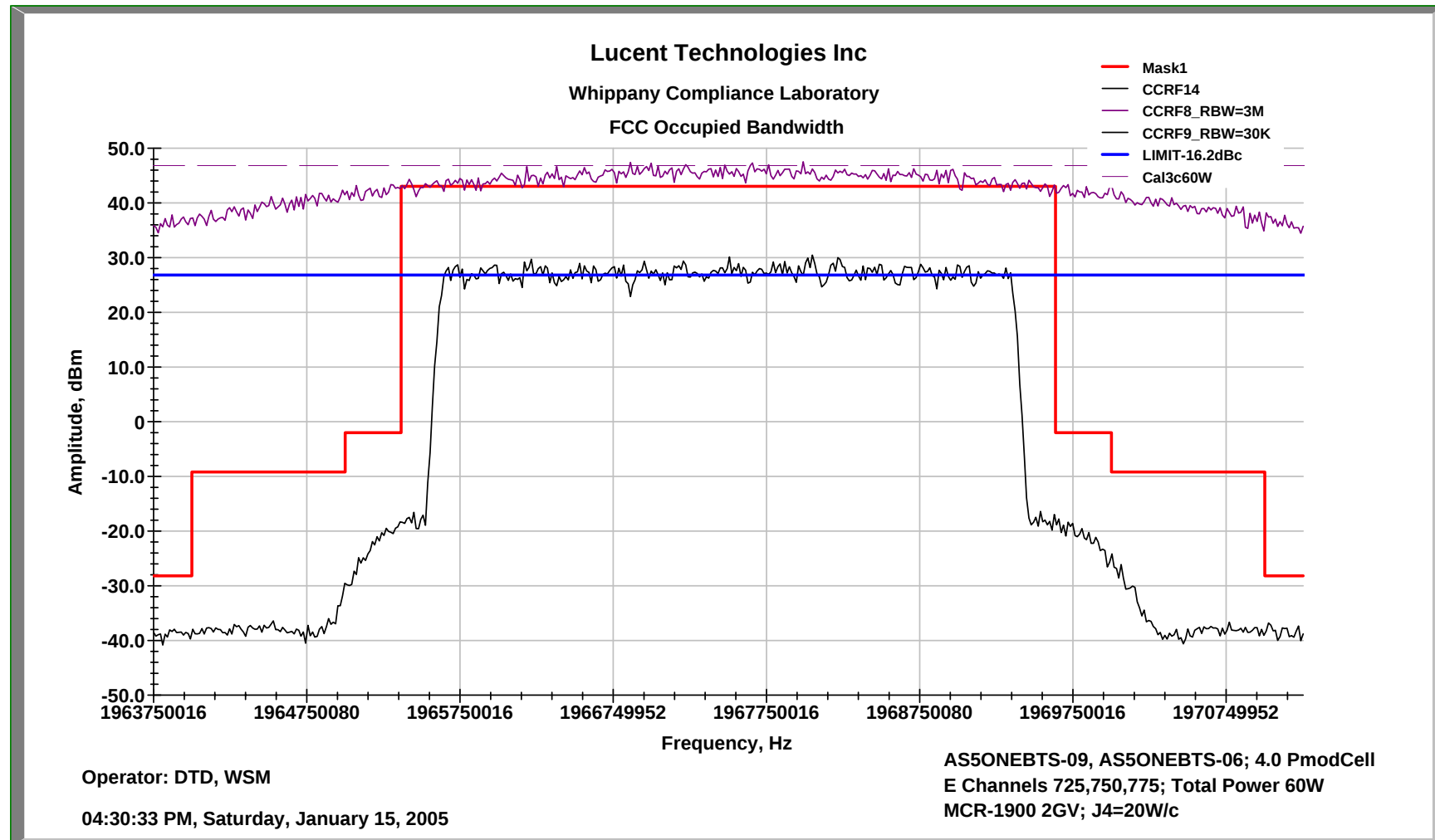
Exhibit 14 Continued**FCC Occupied Bandwidth: Output Chart- PCS E Block, 3 Carrier / 2 P2PAM Configuration**

Exhibit 14 Continued

FCC Occupied Bandwidth: MCR-1900 Output - PCS F Block (ch 825, 850), 2 Carrier / 1 P2PAM Configuration

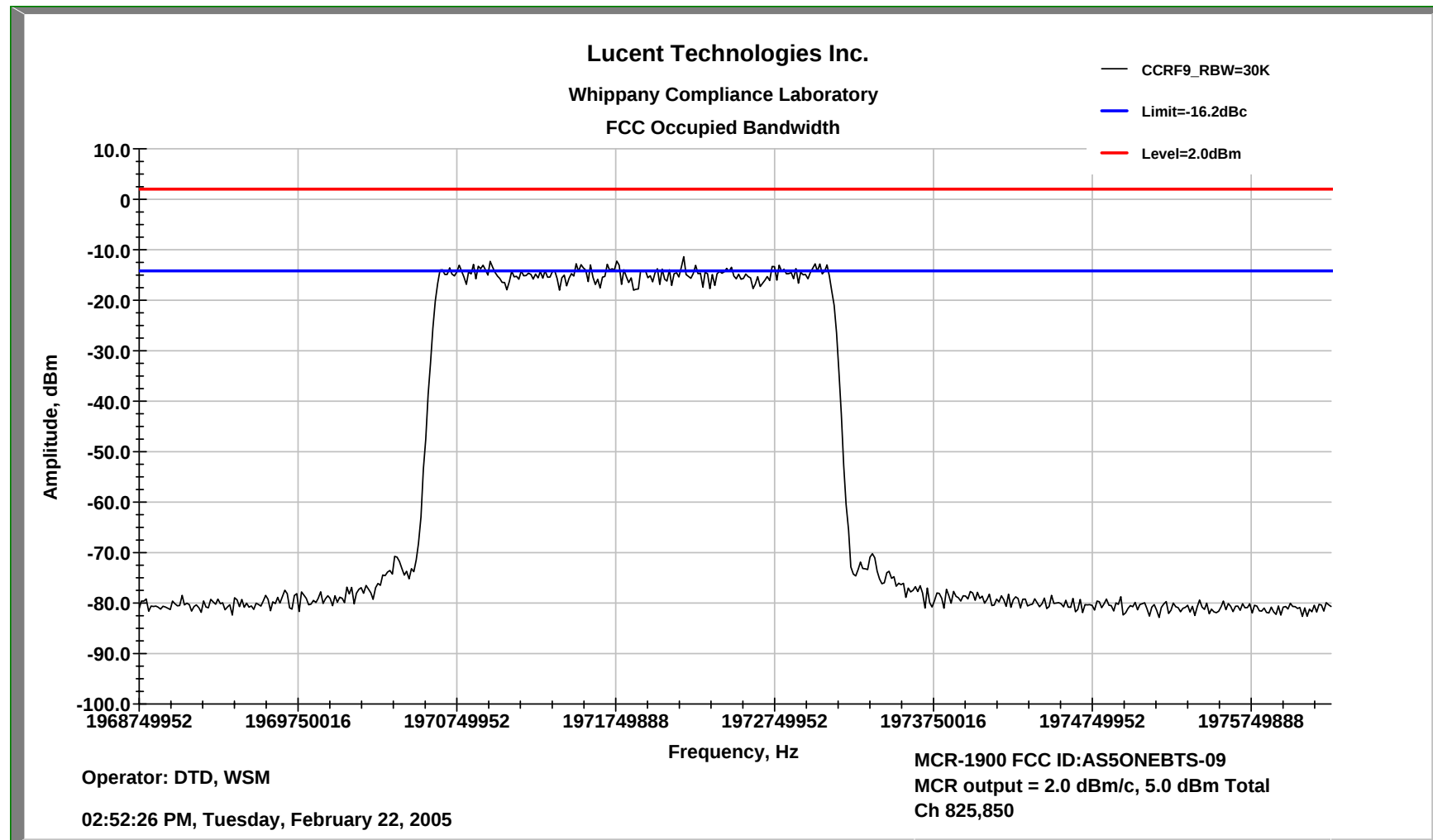


Exhibit 14 Continued

FCC Occupied Bandwidth: Output Chart- PCS F Block (ch 825,850), 2 Carrier / 1 P2PAM Configuration

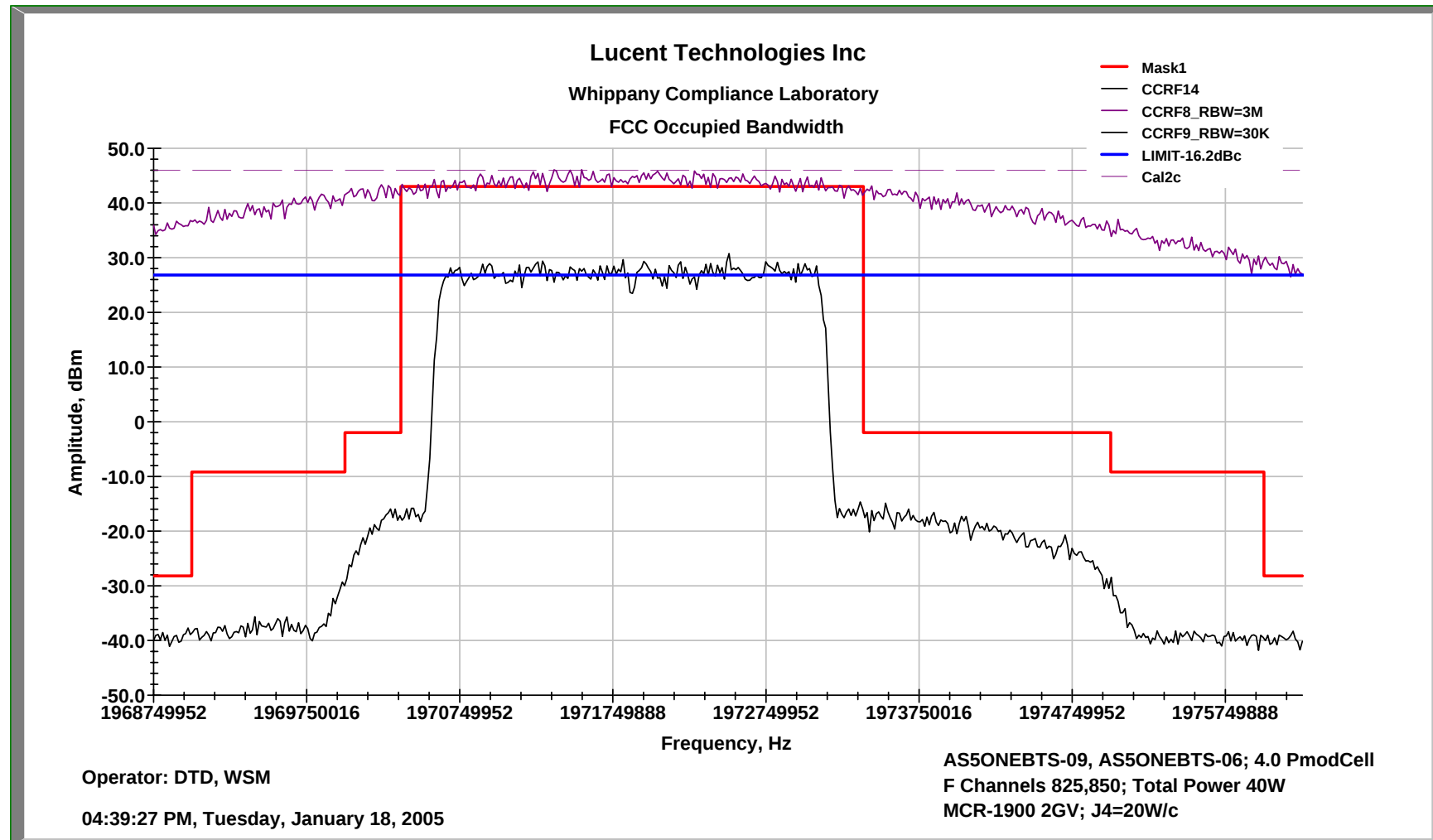


Exhibit 14 Continued

FCC Occupied Bandwidth: MCR-1900 Output - PCS F Block (ch 850, 875), 2 Carrier / 1 P2PAM Configuration

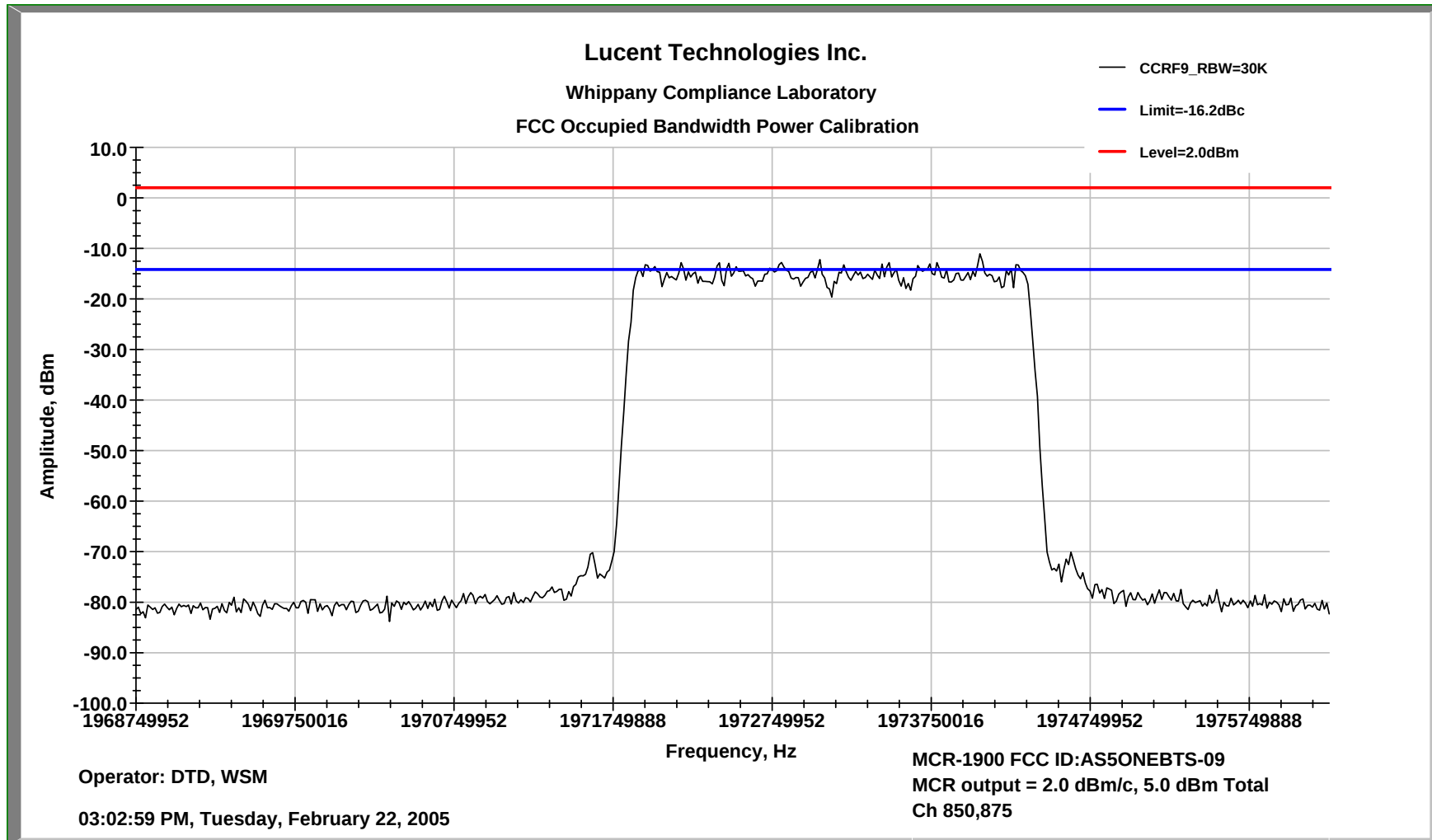


Exhibit 14 Continued

FCC Occupied Bandwidth: Output Chart- PCS F Block (ch 850,875), 2 Carrier / 1 P2PAM Configuration

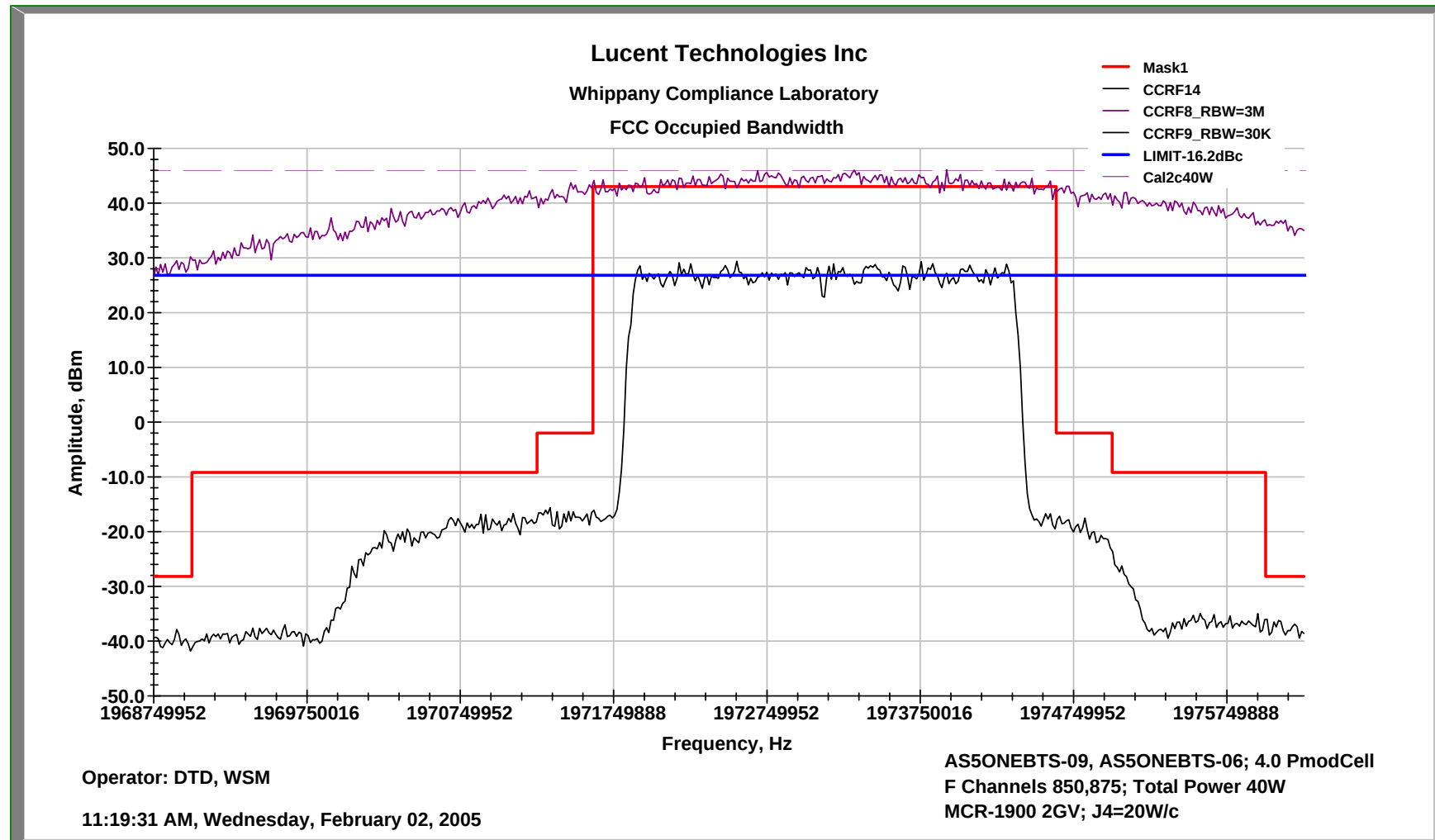


Exhibit 14 Continued

FCC Occupied Bandwidth: MCR-1900 Output - PCS F Block, 3 Carrier / 2 P2PAM Configuration

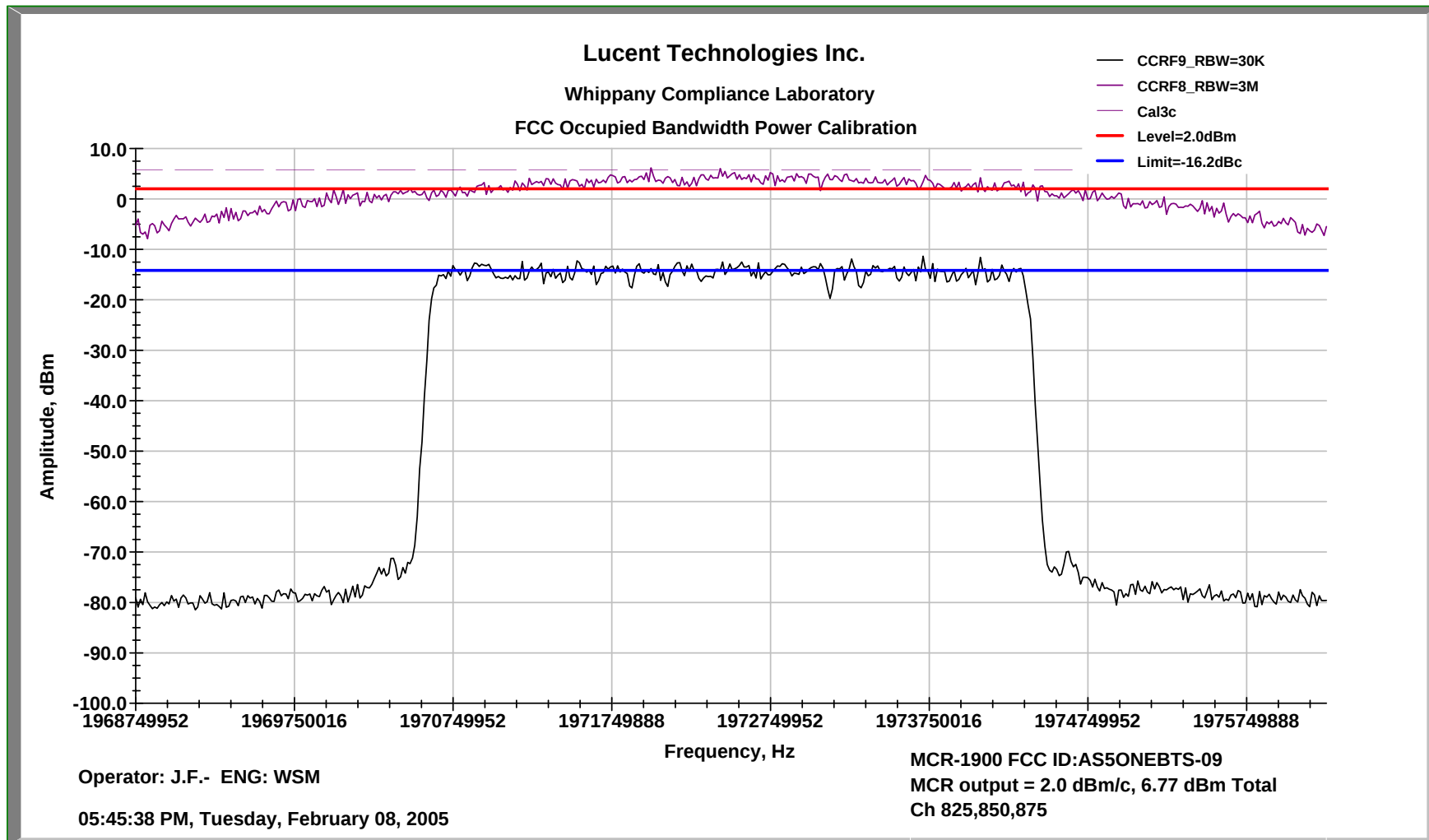
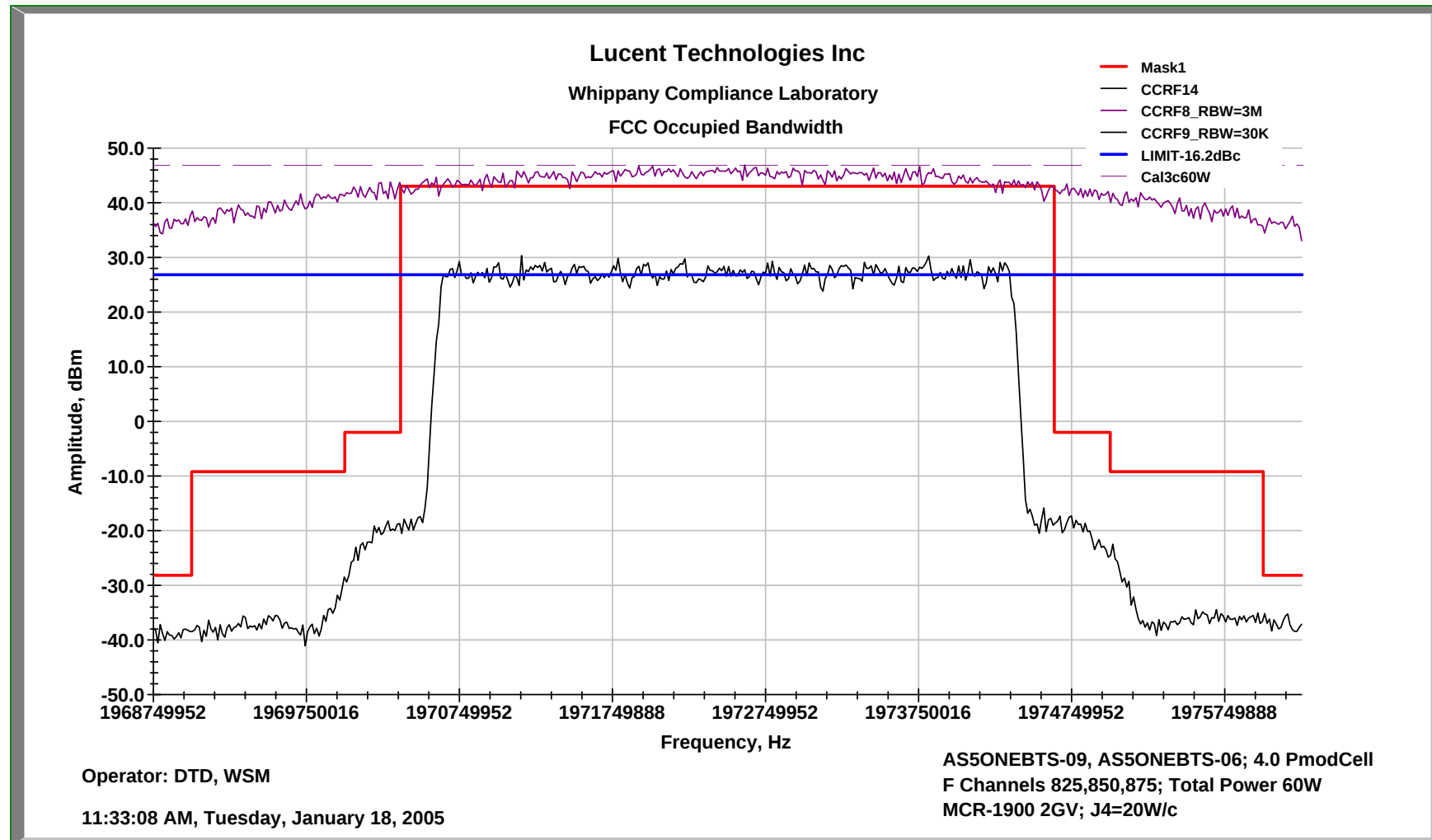


Exhibit 14 Continued

FCC Occupied Bandwidth: Output Chart- PCS F Block, 3 Carrier / 2 P2PAM Configuration



**FCC Conducted Spurious Data
at
Transmitter Output
for
Lucent Technologies Inc.
PCS ONEBTS Modular Cell 4.0
Incorporating
PCS Multi-Carrier Radio (MCR-1900)
Filed under FCC ID: AS5ONEBTS-09
with
PCS 2 Carrier Power Amplifier Module (P2PAM)
FCC ID: AS5ONEBTS-06
Single, Dual, Three, and Five Carrier Configurations**

Exhibit 15 *continued*

MCR-1900 Output, Band A, Sub-Block A1, 1 Carrier Configuration 10 MHz -10GHz

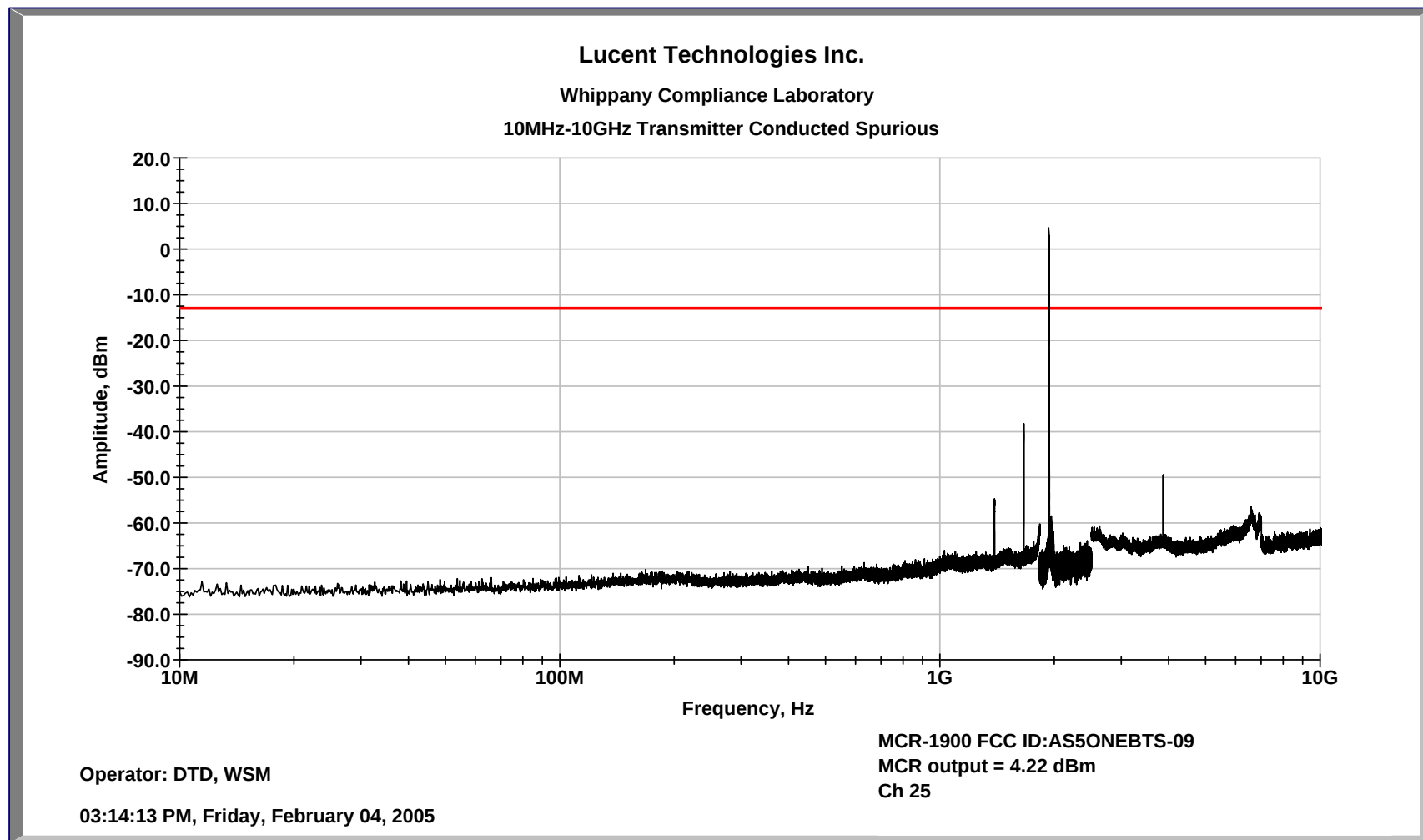


Exhibit 15 *continued*

MCR-1900 Output, Band A, Sub-Block A1, 1 Carrier Configuration 1 GHz –20.0GHz

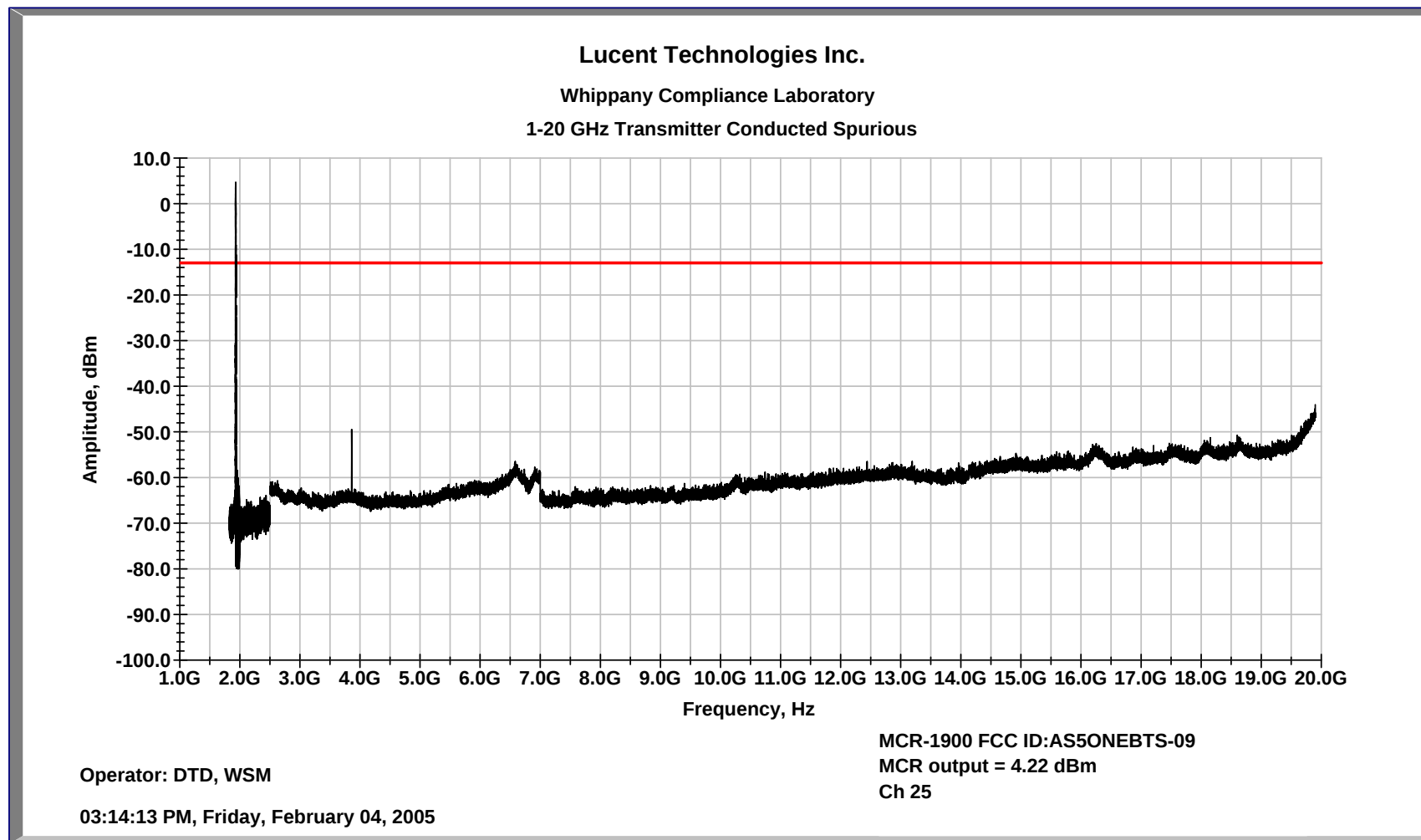


Exhibit 15 *continued*

MCR-1900 Output, Band A, Sub-Block A1/A2, 6 Carrier Configuration 10 MHz -10GHz

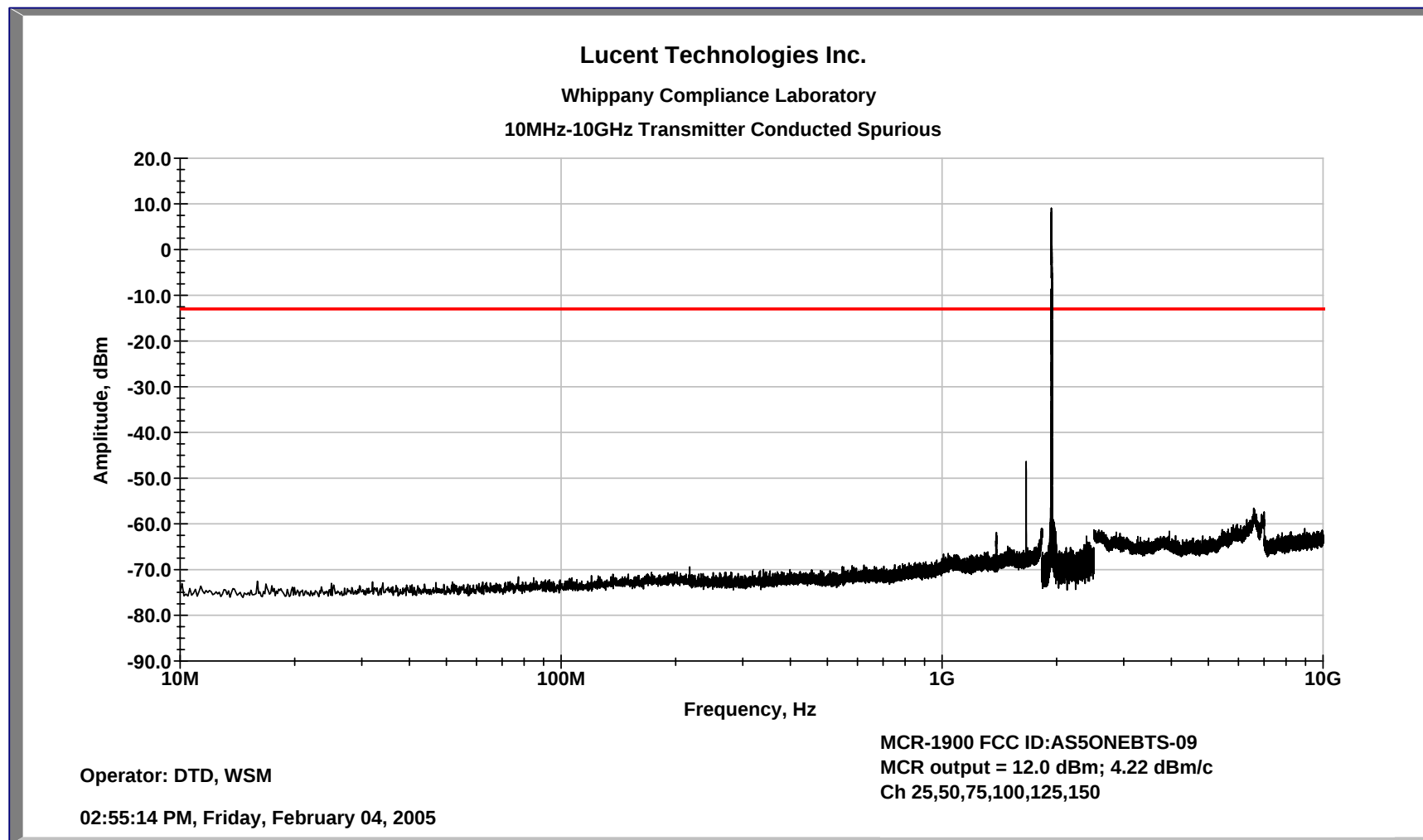


Exhibit 15 *continued*

MCR-1900 Output, Band A, Sub-Block A1/A2, 6 Carrier Configuration 1 GHz -20GHz

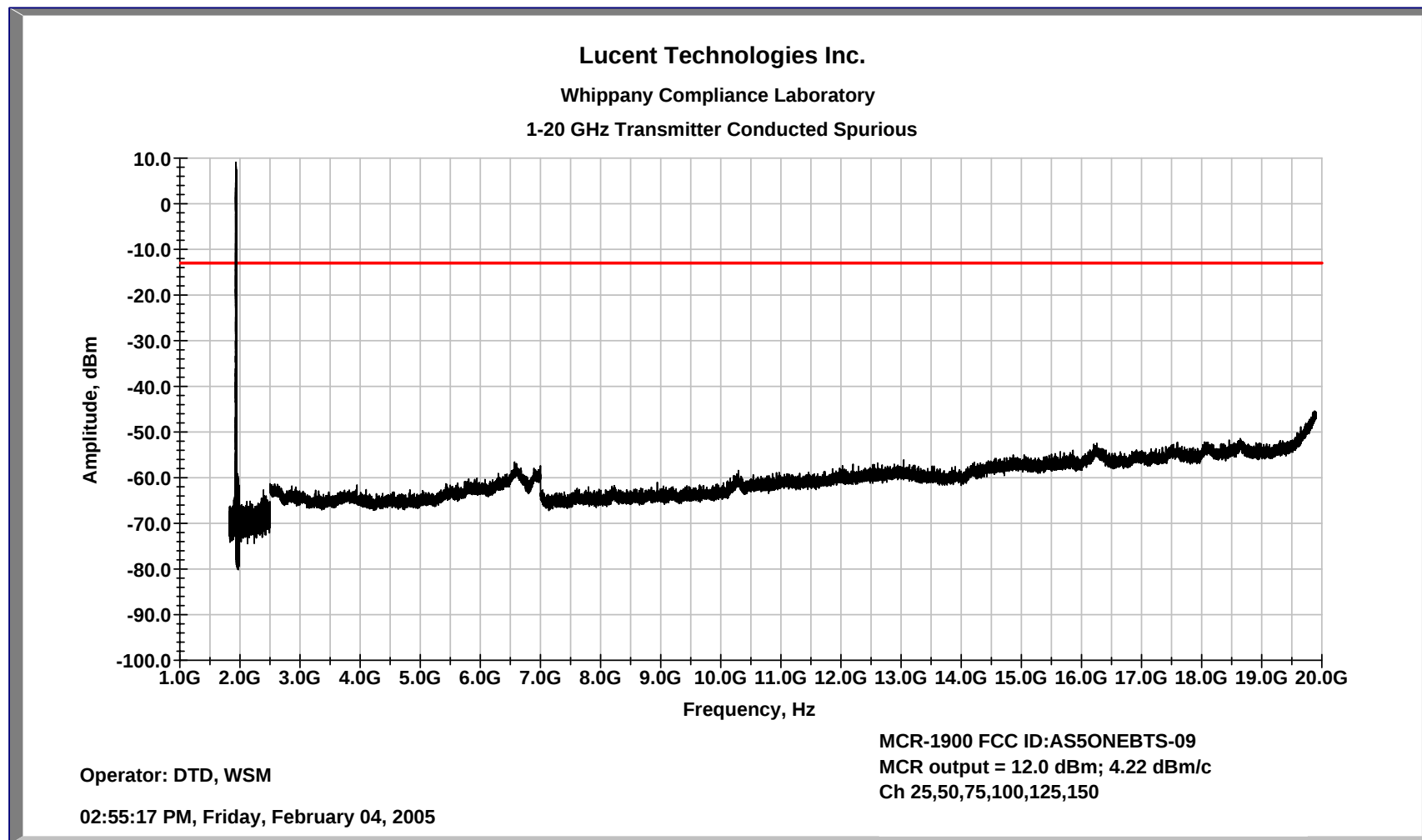


Exhibit 15 *continued*

MCR-1900 Output, Band A, 11 Carrier Configuration 10 MHz -10GHz

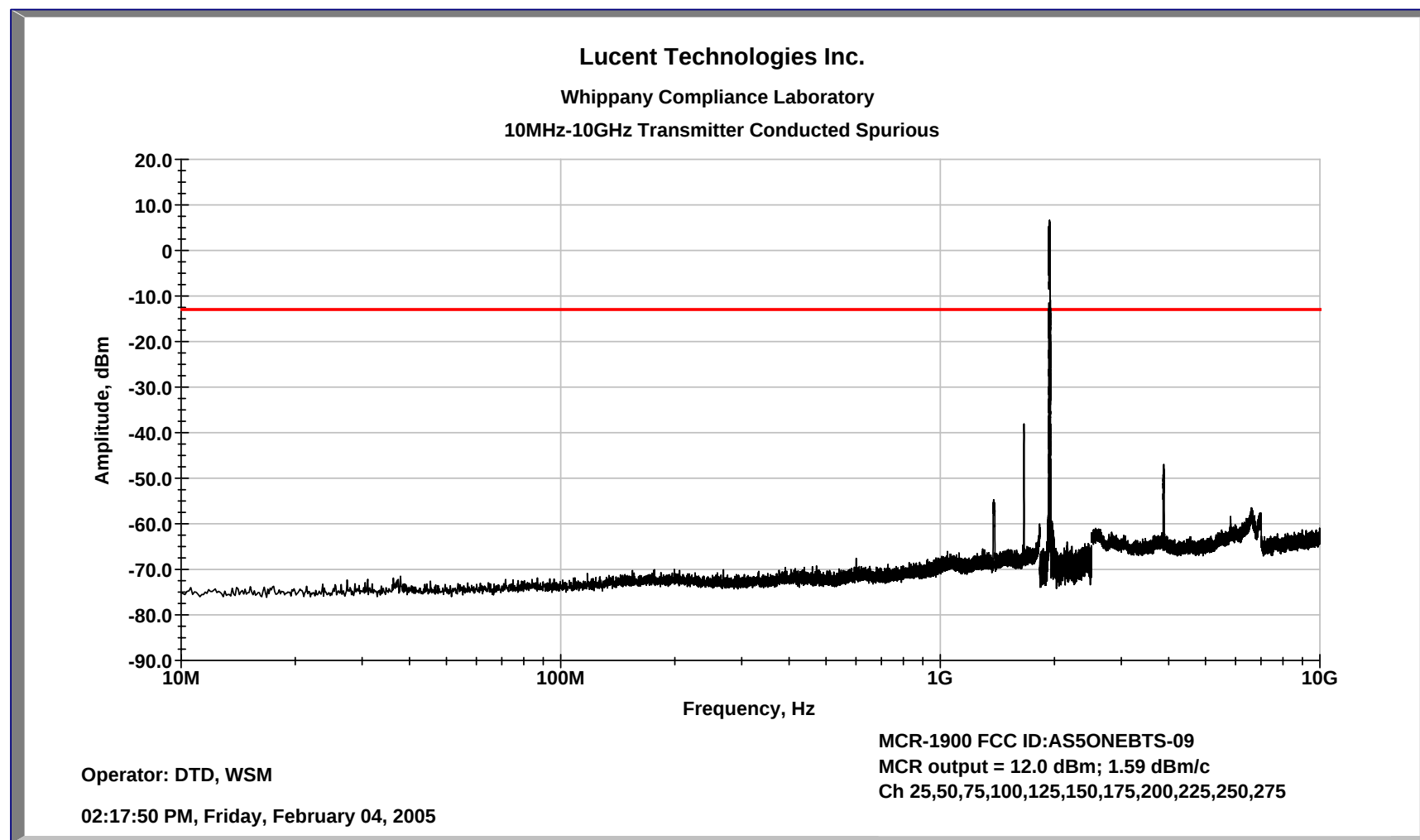


Exhibit 15 *continued*

MCR-1900 Output, Band A, 11 Carrier Configuration 1 GHz -20GHz

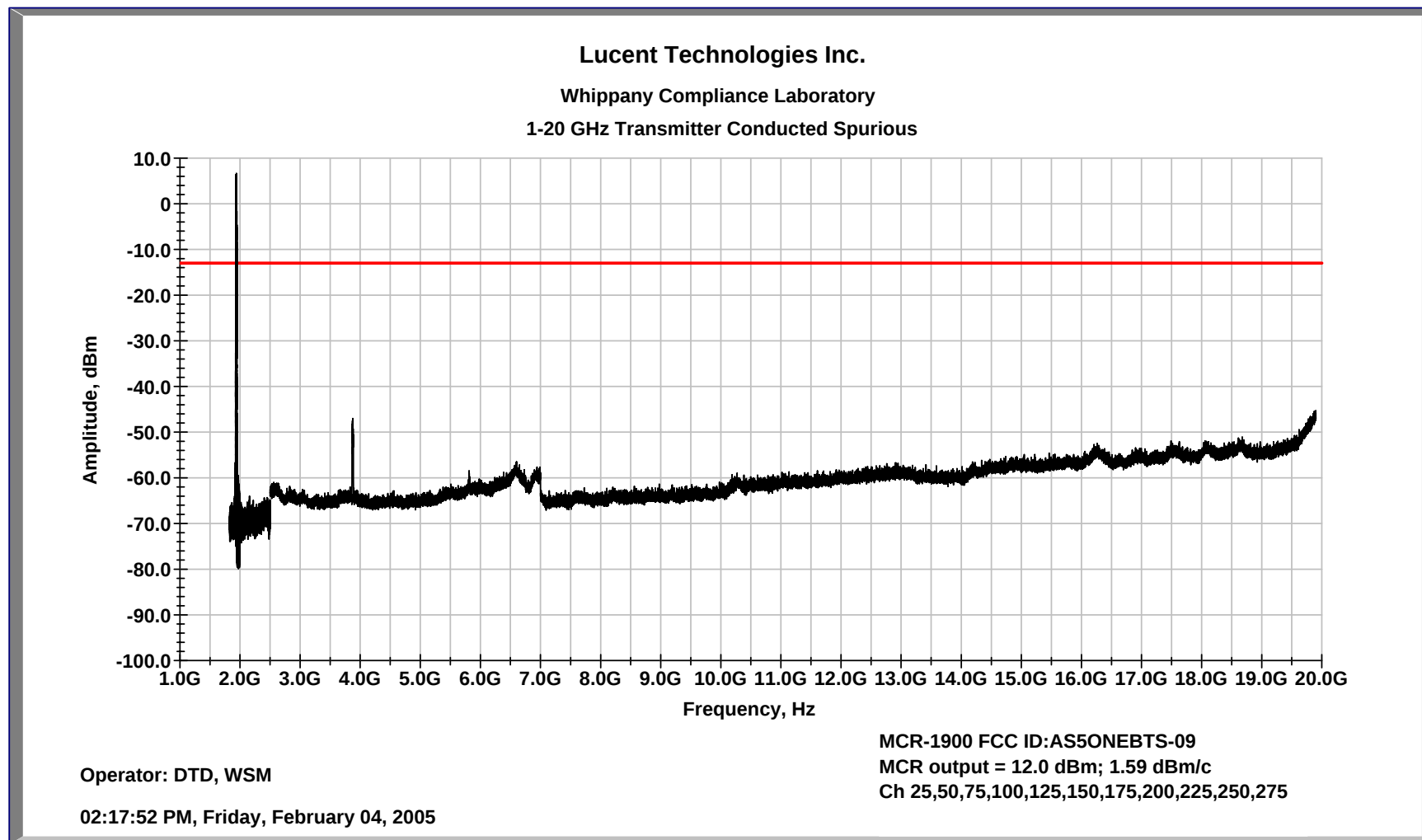


Exhibit 15 *continued*

Band A, Sub-Block A1, 1 Carrier/ 2 P2PAM Configuration 10 MHz -10GHz

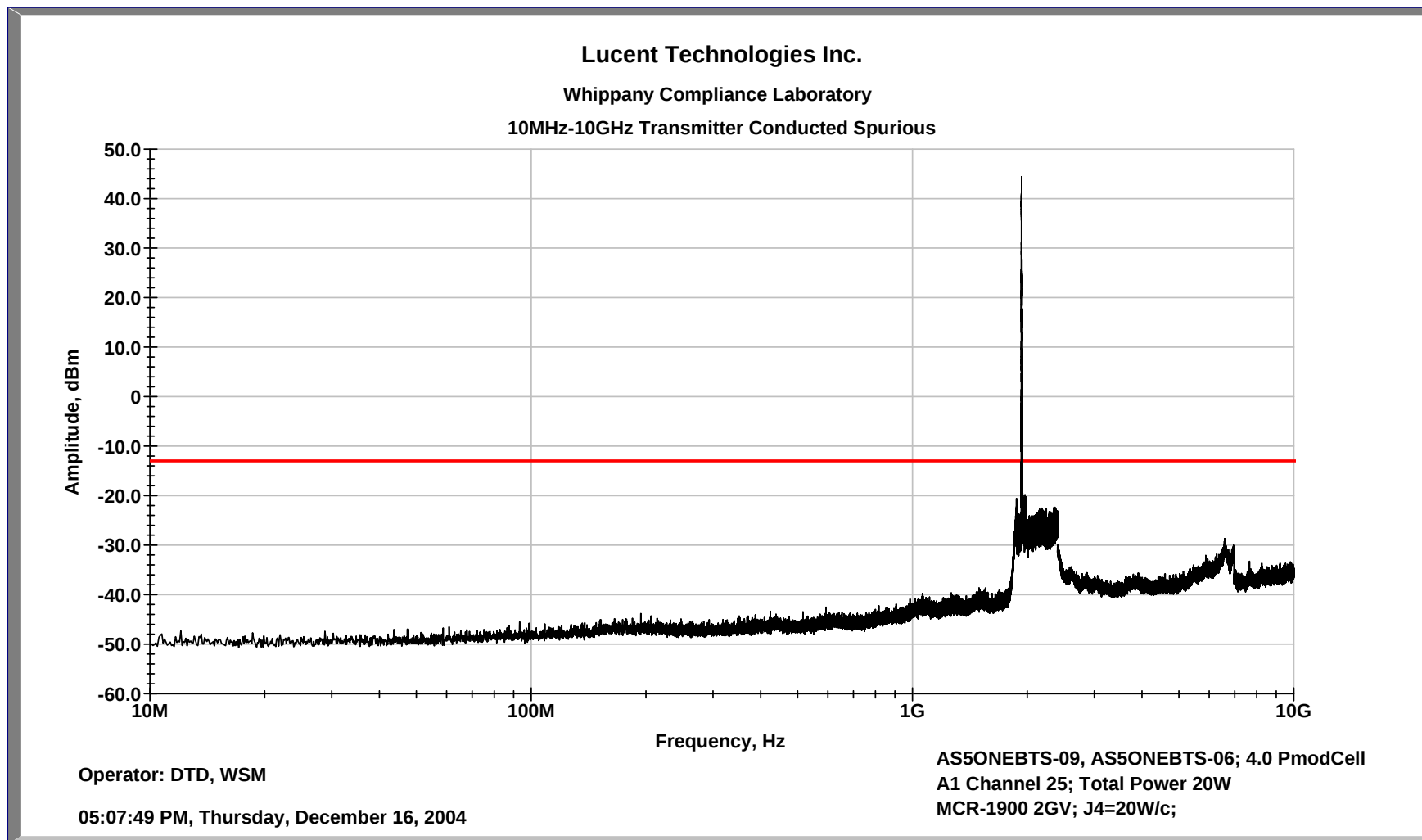


Exhibit 15 *continued*

Band A, Sub-Block A1, 1 Carrier/ 2 P2PAM Configuration 1 GHz -20GHz

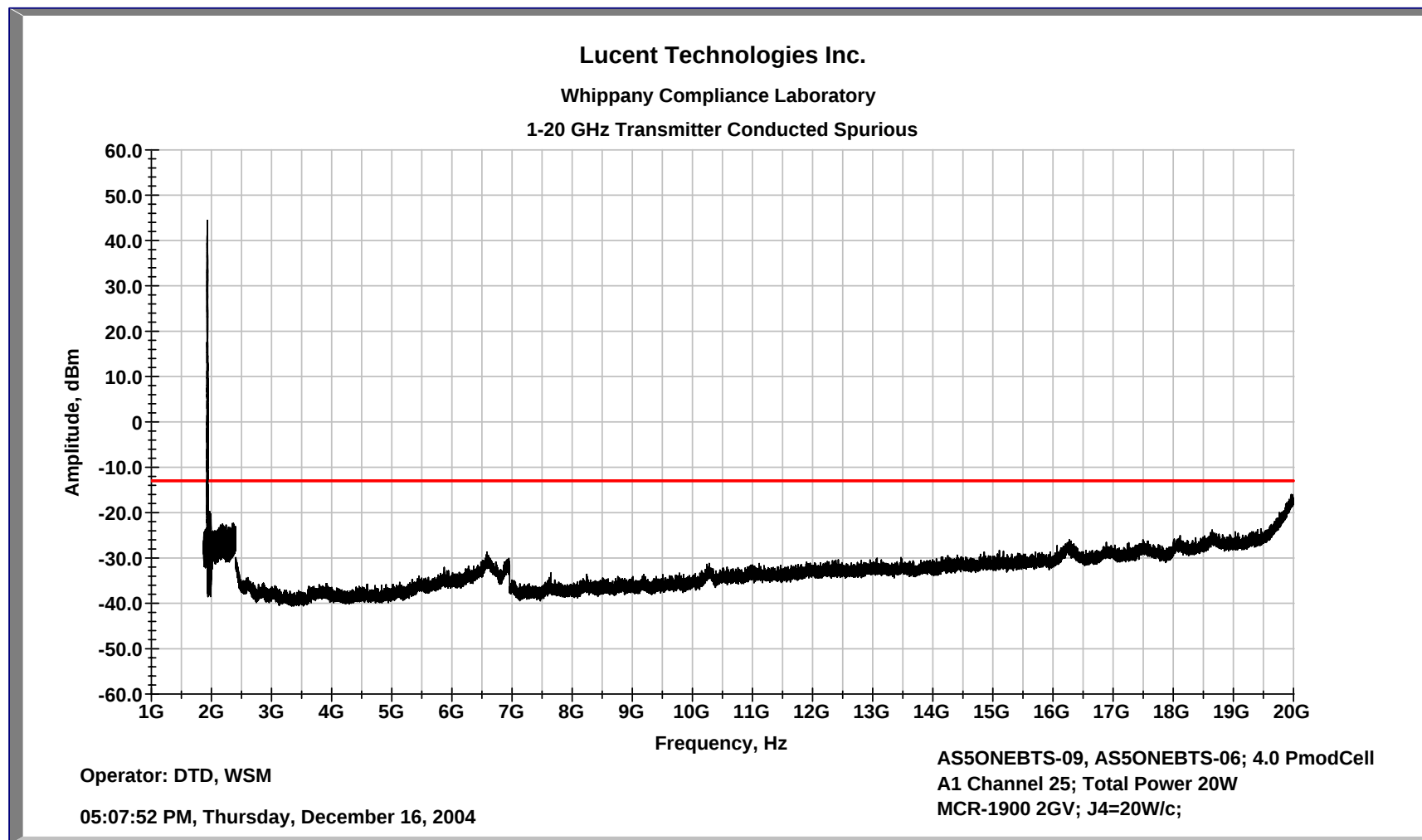


Exhibit 15 *continued*

Band A, Sub-Block A1, 2 Carrier/ 1 P2PAM Configuration 10 MHz -10GHz

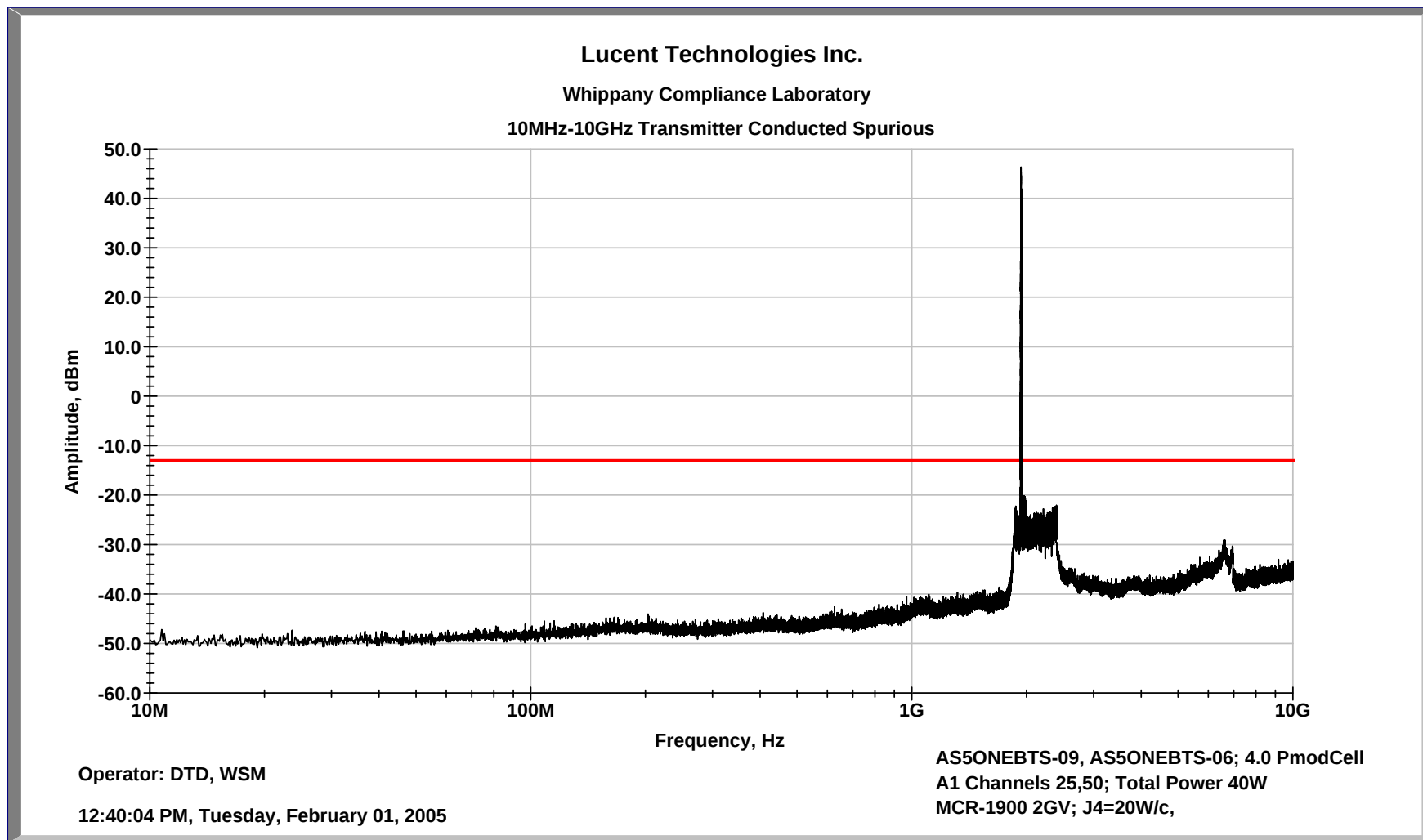


Exhibit 15 *continued*

Band A, Sub-Block A1, 2 Carrier/ 1 P2PAM Configuration 1 GHz -20GHz

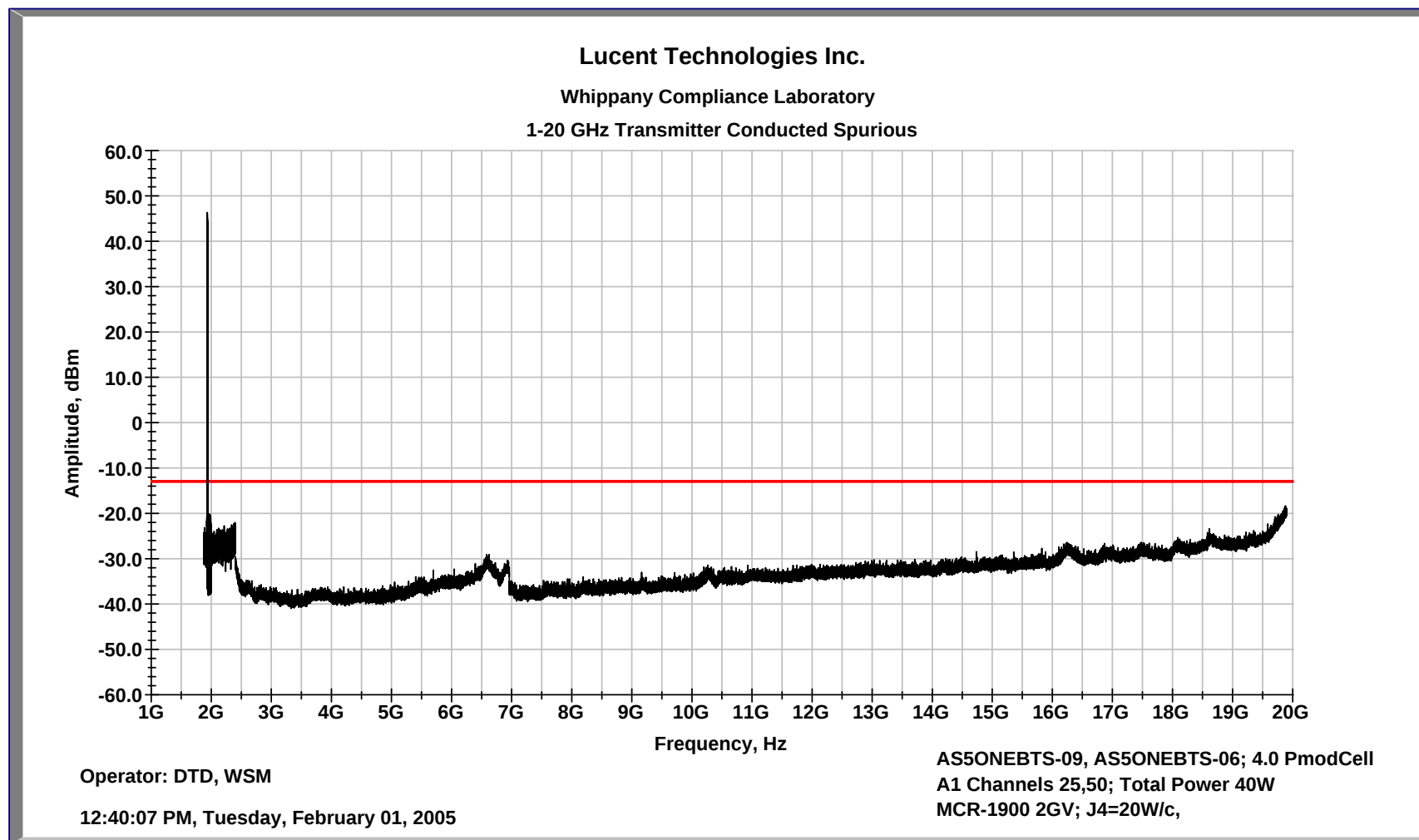


Exhibit 15 *continued*

Band A, Sub-Block A1, 3 Carrier/ 2 P2PAM Configuration 10 MHz -10GHz

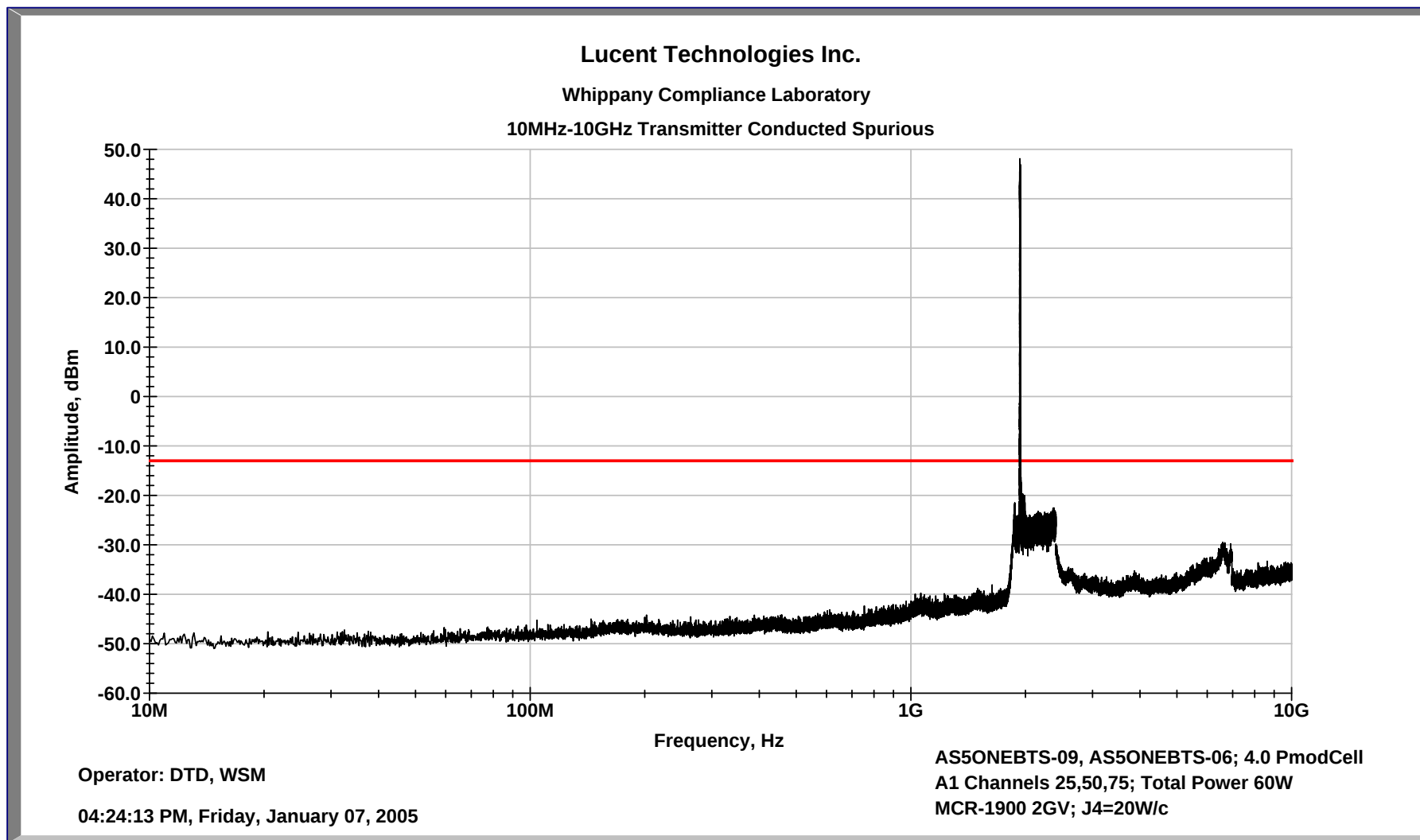


Exhibit 15 *continued*

Band A, Sub-Block A1, 3 Carrier/ 2 P2PAM Configuration 1 GHz -20GHz

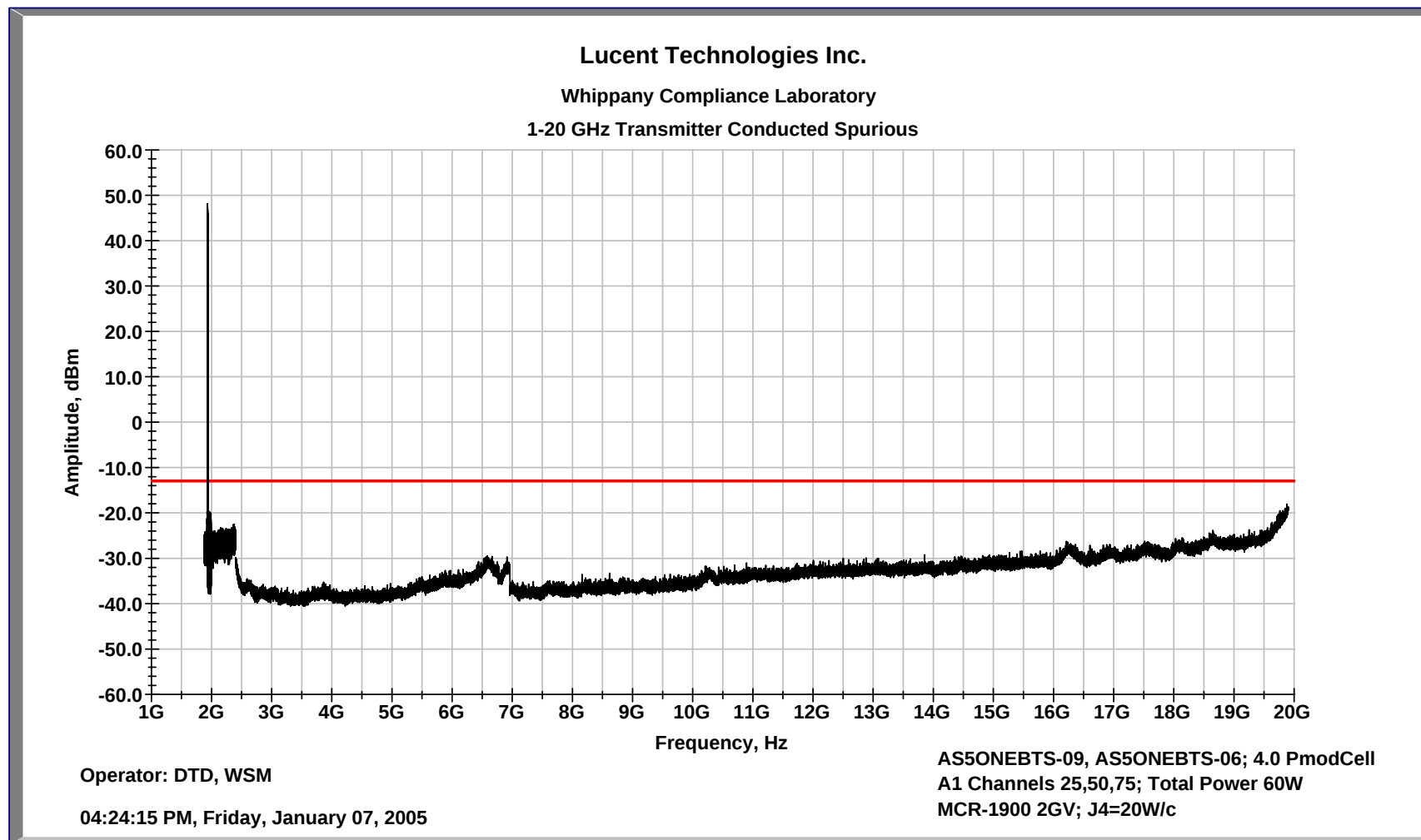


Exhibit 15 *continued*

Band A, Sub-Block A1/A2, 5 Carrier/ 3 P2PAM Configuration 10 MHz -10GHz

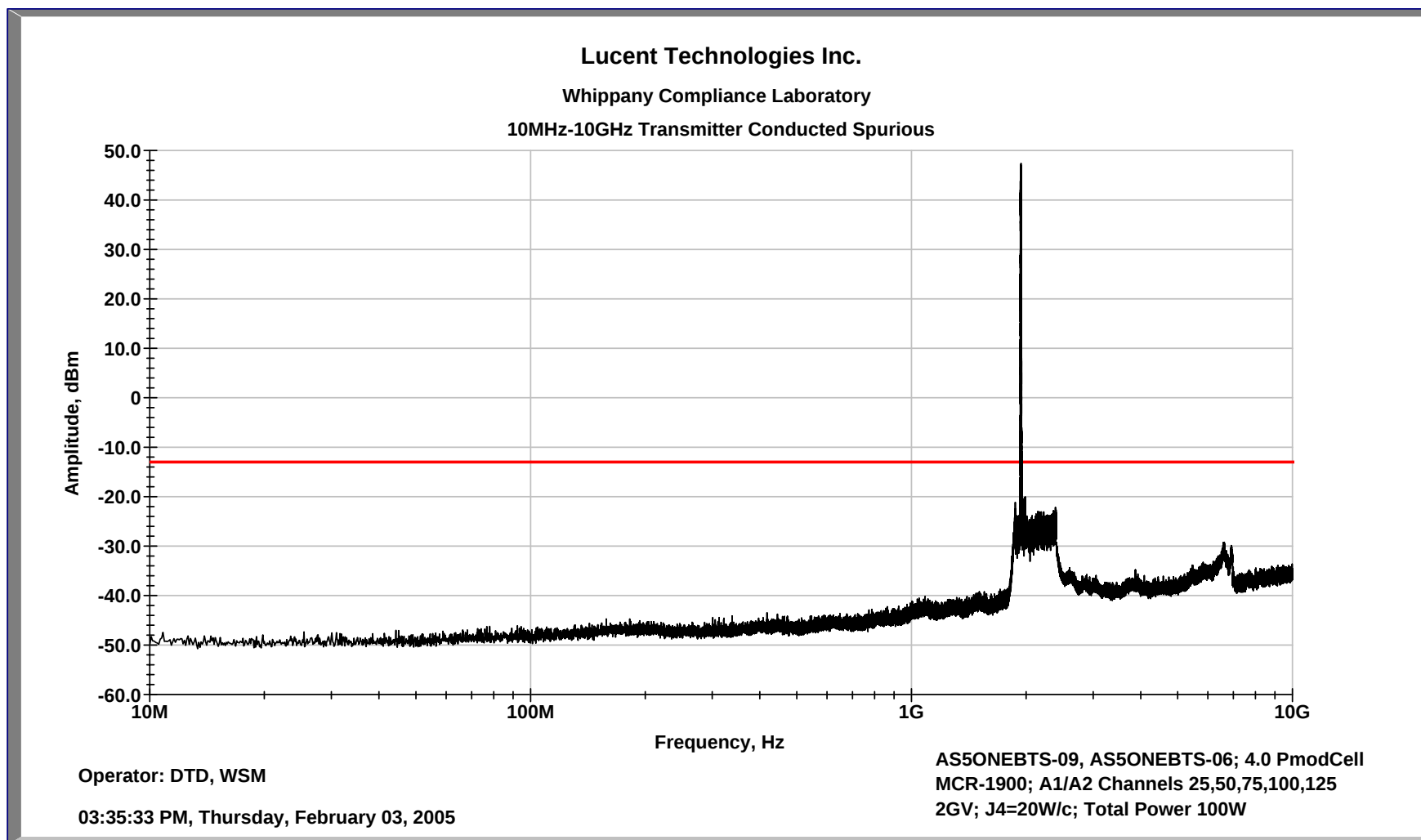


Exhibit 15 *continued*

Band A, Sub-Block A1/A2, 5 Carrier/ 3 P2PAM Configuration 1 GHz -20GHz

