

Chris Harvey

From: Hoell, Thomas [Thomas.Hoell@7layers.de]
Sent: Tuesday, April 23, 2002 10:04 AM
To: 'charvey@metlabs.com'
Subject: Mobicom c6288i, your question regarding spurious emission measurement
Hello Chris,

you are right. The spurious emission measurement values at 1850 MHz and 1910 MHz in the report 4_Mobi_0201_GSM_FCCa for the mobile phone C6288i are no real spurious emissions but coming from the carrier in a distance of just 200 kHz. You can see that from the measurement plots of the occupied bandwidth test. They are both measured with a resolution bandwidth of 3 kHz and corresponding very well. So these values should not have been written into the table of the spurious emissions.

In general our measurement results are based on a prechamber calibration. That means that we are doing a substitution measurement all over the measurement band to calibrate our testequipment including the anechoic chamber for the spurious radiated emission measurements. So our results are very close to those results that you would get if a substitution measurement was done on a special day for a special device. Since all the other spurious emission measurement values have quite a big distance to the limit it was not necessary to use the substitution in such cases.

Best regards

i.A. Thomas Hoell
Radio Communications

7 layers AG
Borsigstrasse 11
D- 40880 Ratingen, Germany

Phone: +49 (0)2102 749 303
Mobile: +49 (0)177 4749 303
Fax: +49 (0)2102 749 444

e-mail: Thomas.Hoell@7Layers.de

Website: <http://www.7Layers.com/>