

QCT Technical Memo about MPR

Date: April 15, 2013

Case Number: 01156900

Subject: [PMH2_VZW] Request for QCT Technical Letter about MPR

QMC Technical Explanation:

For HSUPA, the following table lists the MPR target values:

HSPA MPR Targets				
HSUPA 3GPP Subtest	Band VIII MPR Target(dB)	Band V MPR Target(dB)	Band II MPR Target(dB)	Band I MPR Target(dB)
1	0	0	0	0
2	2	2	2	2
3	1	1	1	1
4	2	2	2	2
5	0	0	0	0

Based on the device hardware characteristics and HSUPA measurement error inherent in the 34.121 procedure, Qualcomm expects HSUPA transmit power results to be within +/- 1.0 dB of the expected MPR target values.

Beyond measurement uncertainties, the hardware/software design for device is such that HSUPA or HSDPA transmit power will not exceed R99 UMTS maximum transmit power based the module's power control implementation and RF calibration design.