1. Please note that while you state the name of a device with in the product, you do not specify the part number of the device etc. Please note that the intent of the part number is to be able to identify the part on the schematics. Please provide a parts list that is in accordance with 2.1033(C)(10) of the FCC rules.

Answer: We have provided a parts list in accordance with 2.1033(C)(10) of the FCC rules.

2. Please note that while the report states that the device was set to give maximum output, the test report does not specify if the input is also at maximum. Please also note that the manual states the maximum input level is 13dBm but the input level provided in the reports appear to be only approximately -60dBm or so. Please note that it is important that the input level be specified so that it is shown not to be overdriven and yet does have the maximum rated input level during testing. Please confirm that the maximum rated input level was used during testing.

Answer:

Please see our pre-tested data at table1 to 3 for WCDMA, CDMA2000, 1xEVDO testing mode. The setup configuration is shown on figure 1&2 at section 2.2 of the revised report "077078R-HPUSP05V01 Part 24E _(WCDMA_)".

For figure 1, MS output was connected to EUT uplink port through conducted RF cable with an attenuator in between to adjust the maximum input level of EUT to be 13dBm.

For figure 2, CMU-200 output was connected to EUT downlink port and also was adjusted to equal to 13dBm at EUT downlink port.

We set the output power of the EUT for both at uplink and downlink port equaled to 30dBm during the testing, which is maximum output and the worst case for spurious emission and band edge.

From the test measured results on each mode shown on table 1 to 3 under different testing mode (WCDMA, CDMA2000, 1xEVDO), we found that the spurious emission and band edge were not much difference, which are independent of input power level of the EUT while output power of EUT was fixed at 30dBm by ALC(Auto Level Control) function.

The measured results on radiated emission and band edge at table 1 to 3 show that there are no much difference for input at -55dBm, 0dBm and 13dBm for each different testing mode (WCDMA, CDMA2000, 1xEVDO), which are independent of EUT input power level while output power of EUT was fixed at 30dBm by ALC(Auto Level Control) function.

Table 1: WCDMA , Channel 1960MHz, 12.2Kbps RMC

EUT Input level (dBm)	13.1	0	-55
EUT Output Level (dBm)	29.58	29.98	29.53
Highest radiated emission (dBm)	-19.54	-19.32	-19.86
Band edge level at antenna terminal (dBm)	-16.32	-16.99	-16.69

Table 2: CDMA2000 , Channel 1960MHz, (RC1, Traffic Channel @9600 bps)

EUT Input level (dBm)	13.1	0	-55
EUT Output Level (dBm)	29.58	29.98	29.53
Highest radiated emission (dBm)	-20.11	-20.43	-20.39
Band edge level at antenna terminal (dBm)	-15.54	-15.77	-15.86

Table 3: 1xEVDO , Channel 1960MHz (FTAP/RTAP and subtype 0 PHY configurations)

EUT Input level (dBm)	13.1	0	-55
EUT Output Level (dBm)	29.58	29.98	29.53
Highest radiated emission (dBm)	-19.54	-19.16	-19.33
Band edge level at antenna terminal (dBm)	-14.51	-14.57	-14.36

Based on the measured results, we chose Figure 3 & 4 at section 2.2 as the setup configuration for measuring radiated emission and band edge, since the normal operation should be MS to communicate with Repeater through antenna and also we control the input level received by the Repeater through antenna is between -10 to 10 dBm as long as the received level is in between 13dBm to -55dBm, the measurement results would be no much difference.

3. Please note that the WCDMA test report page 4 states the transmit frequency of the device is 1920 ~ 1980 MHz. These are not US frequencies; please correct the report as necessary to properly address US frequencies.

Answer: we have corrected the report. Please see the revised test report at page 4.

4. Please note that while the data in the tables for section 5 (radiated spurious emissions) appears to have been done using the antenna substitution method, the test procedures stated in section 5.4 doe not appear to be that of an antenna substitution method. Please confirm and please correct the test method listed in the aforementioned section to properly show antenna substitution measurements in accordance with TIA603-C.

Answer:
The radiated spurious emissions shown at our test report were measured using the antenna substitution method, but we did not state the full complete test procedures in our test report.
Please see the revised test report with the full complete procedures of the antenna substitution method, which we used, in section 5.4 in accordance with TIA603-C.

5. Please note that the documentation does not state if the power is per channel or composite. Please explain the type power used for this device. Is it per channel or is it composite power.
Answer: The power is per channel. We could not use composite power for testing because the test was required under normal operation at which CMU200 communicated with MS through Repeater with selected channel.

6. Please note that the device appears to operate in WCDMA HSDPA. Please note that only the FCC can issue grants for HSDPA rev 6. Please explain if this device is or is not a WCDMA HSDPA rev 6 device or only rev 5.
Answer:
This device is not a WCDMA HSDPA and it is only a rev 5 according to 3GPP forum.
We have corrected the test report.

7. Please note that in line with the above the MPE report indicates the device operates using what appears to be GSM, EDGE, WCDMA, 1xEVDO and other modulations. However please note that the report does not appear to address 1xEVDO scheme. Please explain and please provide test data for all modulation schemes applicable to this device.
Answer: This device is a repeater, which is to amplify the signal input from basestation and mobile station.
This device is similar to an amplifier that does not involve any higher layer protocol such as MAC layer or any frame structure, but only to amplify the signal.
For those frequencies within the operating band will be amplified including modulation type GMSK (GSM&GPRS), QPSK(WCDMA) and QPSK, 8PSK, 16QAM (1xEVDO).
Based on above tested results on table 1 to 4, the worst case for the Repeater depends on the output power level fixed at 30dBm.

8. Please provide an operational description that properly addresses ALL modulation types expected to be retransmitted by this device. Please properly address HSDPA rev levels.
Answer: Please see the revised operational description, where we have described all modulation types expected to be retransmitted by this device.