From: 김은미 [mailto:emkim@hct.co.kr]
Sent: Wednesday, September 12, 2012 12:41 AM
To: Hsieh, Joe
Cc: 최 창석 차장(HCT); emkim@hct.co.kr
Subject: RE: ADRF KOREA, Inc., //N52-AXM700-9543 //AN12T0657

Dear Joe,

We always appreciate your cooperation on our applications.
Please find our answers below:

TCB Question

- Confirm device cannot operate in saturation. Are there means to control maximum power and to assure linear operation (use in system configuration may be necessary)? How is saturation or over-modulation prevented for pulsed signal inputs?
  I did not see anything to explain what would happen if the input signal level exceeded -52dBm on downlink side or -65dBm on the uplink side. Was this tested?

Applicant's Answer

If the input signal level is exceeded and AGC is on, gain adapts in order to correspond to an output level not exceeding the rated power output. However, if the input signal level is exceeded and AGC is off, the device automatically shuts down. So, this was tested.

Thank you

Best regards,

김 은 미 대리 **/ EunMi Kim / 金 銀 美**
인증팀 / Certification Team
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