## Marianne Bosley

From: Sent: To: Cc: Subject:	alice_wong [alice_wong@hkstc.com] Thursday, January 09, 2003 10:17 PM mbosley@metlabs.com EED - Choy, Kitty; tcbinfo@metlabs.com Request for Technical Info on FCC ID:QQ7EGUARDEAS02 and QQ7EGUARDEAS01
> Answer: > 1.EUT is Digital sweep. It would send different code to receiver. >	
<ul> <li>&gt; 2.For the radiated Emissiom frequency range from1.705MHz to 1000MHz(</li> <li>\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</li></ul>	
<ul> <li>&gt;</li> <li>&gt; 3.The sample was placed</li> <li>&gt; Measurements in both ho</li> <li>&gt; During the test, each emis continuously</li> </ul>	0.8m above the ground plane on the OATS *. rizontal and vertical polarities were performed. ssion was maximized by: having the EUT
<ul> <li>&gt; Working, investigate all operating modes, rotated about all 5 axis (x, + &amp;</li> <li>&gt; Z) to obtain worst position, manipulating interconnecting cables, rotating</li> <li>&gt; turntable, varying antenna height from 1m to 4m in both horizontal and</li> <li>&gt; vertical polarizations. For the Loop antenna, Antenna height is 1m and it</li> <li>&gt; would be rotated per 45 degree . The emissions worst-case are shown in</li> <li>Test</li> <li>&gt; Results .</li> </ul>	
> > 4.We would attach Loop A > S/N:2424 > > 5.EUT center frequency is	Antenna correction factor to you. Model :6502,
<ul> <li>&gt; band edge is 8.0825MHz (QQ7EGUARDEAS01)</li> <li>&gt; EUT center frequency is 8.2MHz upper band edge is 8.725MHz and Lower band</li> <li>&gt; edge is 7.67MHz (QQ7ECUARDEAS02)</li> </ul>	
<ul> <li>&gt; edge is7.67 MHz (QQ7EG</li> <li>&gt; 6. Renew test report for d</li> <li>&gt;</li> </ul>	uty cycle.
<ul> <li>&gt; Original Message</li> <li>&gt; From: "alice_wong" <alice< li=""> <li>&gt; To: "M K Law" <mankit_la< li=""> <li>&gt; Cc: "EED - Choy, Kitty" &lt;</li> <li>&gt; Sent: Friday, January 03,</li> <li>&gt; Subject: Fw: Request for</li> </mankit_la<></li></alice<></li></ul>	- wong@hkstc.com> iw@hkstc.com> kitty_choy@hkstc.com> 2003 9:01 AM Technical Info on FCC ID:QQ7EGUARDEAS02
> > > > > > Original Message -	
> > From: <mbosley@metlabs.com> &gt; &gt; To: <alice_wong@hkstc.com> &gt; &gt; Sent: Friday, January 03, 2003 12:35 AM &gt; &gt; Subject: Request for Technical Info on FCC ID:QQ7EGUARDEAS02 &gt; &gt;</alice_wong@hkstc.com></mbosley@metlabs.com>	
> > > > > Hi Alice, > > > > > Same technical quest	ions for this one as for the other one:
>>> >> RT questions:	

>>> Was the frequency sweep stopped while radiated measurements were made? >>> What is the frequency range of the sweep? > > > Does the EUT employ an analog sweep (continuous, sliding over all > > > frequencies in the band) or a digital sweep (discrete frequencies hopped > > to >>> very rapidly)? If it is a digital sweep (as most modern systems are), > > then >>> none of the discrete frequencies on which it lands may be in a > restricted > > > band, as defined in Section 15.205. What discrete frequencies are used? >>> Please address. >>> Was a loop antenna used for radiated measurements? If not, please > > remeasure >>> with a loop antenna- a rod antenna may not be used. If so, was it both >>> rotated on its vertical axis AND placed in the horizontal plane as well, > per > > > ANSI C63.4 Section 8.2.1? > > The "correction factors" listed in the radiated emissions data table > seem >>> quite low for the antenna, compared to those used for many loop > antennas. > > > Please address. > >> When calculating the duty cycle correction factor, please note the > >> following: a duty cycle correction factor is NOT applied to an analog > > system For digital systems, the averaging factor described in Section > > 15.35 > > > may be applied, based upon how much time the signal actually spends on > > each > >> discrete channel during a 100 ms interval. If the EUT goes through its >> hopset and returns to the same frequency during the 100 ms interval. > then >>> the total occupancy time on that frequency during the 100 ms interval > > should >>> be used in calculating the duty cycle correction. Note that if the > > hopping > >> frequency channels are so close that more than one of them falls within > > the >>> 9 kHz bandwidth required for measurements, then the duty cycle > correction > >> must include the total time spent on all of the channels within that 9 > kHz > > > band during the 100 ms measurement interval. Please address. >>> > > > Marianne > > > >>>

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