

OK	#	Non-Conformity or Comment	Submitted Response	Respondent / Date of Response
X	1	Please provided a revised block diagram showing the source of 134.2 kHz signal and the signal path to the transmit antenna	<p>This item is covered under the BD, see 17.18MHz osc. (see functional description)</p> <p>8/20/07,14:48, discussed with RC, agreed that 134.2 kHz needs to be labeled on the Block diagram.</p> <p>9/1/07: Explained, new block diagram provided.</p>	Paul Young / 9/1/07
X	2	Inconsistency of test set up : Page 11 of the large antenna test report presented 15.209 emission profile < 30 30MHz with a large antenna attached but page 12 of the test report presented 15.209 emission profile with smaller antenna. Please clarify the actual setup used for 15.209 emissions testing above 30MHz and/or provide justification of this setup.	<p>There's actually two test reports, did you receive both? There should be a TR for the small antenna, too. This does appear to be an inconsistency in the TR, good question to ask. I would reword as follows:</p> <p>9/6/07 : revised test report stating <i>Testing was carried out with the small antenna attached as previous pre-compliance testing had shown that emissions above 30 MHz were coming from the various digital devices contained within the product with the observed emission levels not being influenced by the type of antenna used which is designed to operate at 134 kHz.</i></p>	Paul Young / 9/6/07

X	3	<p>Original question : Pages 12 and 14 of the large antenna and small antenna test report identifies ancillary equipment which is not listed under section 5 of the report. Please identify the ancillary equipment. Please clarify how the equipment was used; ANSI C63.4 requires that EUT ports connecting to ancillary equipment must be exercised during the test. Please update test report as necessary.</p> <p>Question rephrased (9/6/07) : page 7 of the revised test report shows “Testing has been carried out using a representative 110 Vac charger.” and “ Page 14 of the test report indicates “ <i>Attached to the serial port of the device was a weighing instrument that was located approximately 10 metres away that was provided to load this port.</i>”,</p> <p>1 Both the representative 110 Vac charger and weighing instrument are considered as ancillary equipment, however, page 5 of the test report indicate Ancillary equipment: Nil. Please identify ancillary equipment used during the test.</p> <p>2 The test description did not clarify the interaction of the serial port and the loading device during the test Please explain how did the product exercise the EUT ports connecting to ancillary equipment in accordance with ANSI C63.4’s requirement.</p>	<p>I would ask this question in another way:</p> <p>Pages 12 and 14 of the large antenna test report identifies ancillary equipment which is not listed under section 5 of the report. Please identify the ancillary equipment. Please clarify how the equipment was used; ANSI C63.4 requires that EUT ports connecting to ancillary equipment must be exercised during the test. Please update test report as necessary.</p> <p>9/11/07: Revised test reports provided, with test mode, data transfer and ancillary equipment clarified. ,</p>	<p>Paul Young / 9/6/07 Answer not satisfied.</p> <p>Paul Young / 9/11/07</p>
X	4	<p>Page 10 of the test report does not indicate the orientation of the Magnetic loop antenna that yielded the maximum emission. Please indicate the loop orientation of the loop antenna.</p>	<p>Good. keep this one. 9/6/07: Setup diagram identified orientation of receiving loop antenna at maximum emission.</p>	<p>Paul Young / 9/6/07</p>
X	5	<p><i>15.35(b) When average radiated emission measurements are specified in this part, including average emission measurements below 1000 MHz, there also is a limit on the peak level of the radio frequency emissions. Unless otherwise specified, e.g., see §§15.250, 15.252, 15.255, and 15.509-15.519, the limit on peak radio frequency emissions is 20 dB above the maximum permitted average emission limit applicable to the equipment under test.</i></p> <p>The field strength level reported on page 10 and page 11 of the test report does not indicate the emission also meets the 20 dB peak limit. Please provide peak measurement showing compliance in accordance with</p>	<p>Good keep this one. 9/6/07 Revised test report showing Peak and average emission.</p>	<p>Paul Young / 9/6/07</p>

		15.35(b)		
X	6	Please provide an updated users manual incorporating the statement required by 15.21.	9/1/07, revised user manual with the statement <i>CAUTION Changes or modifications not expressly approved by Gallagher Group Limited could void the user's authority to operate the equipment.</i>	Paul Young / 9/1/07
X	7	Return frequency of the RF tag is unavailable to determine if the return frequency operates in restricted band, please declare the Return frequency of RF tag	Good keep this one. Explained, customer does not manufacture the tag, and the tag is not a part of the EUT. ISO standard 11784/11785 calls out Tags what operates outside the restricted band.	Paul Young / 9/1/07
X	8	The internal photos provided do not include photos of the large or small antenna. If there is active circuitry interior to these devices, please provide internal photos of the antenna and associated circuitry.	Actually, they don't have anything for either antenna, but antenna photos are not really required unless they have circuitry inside (which I think they do!) Probably best worded as follows: The internal photos provided do not include photos of the large or small antenna. If there is active circuitry interior to these devices, please provide internal photos of the antenna and associated circuitry. 9/1/07: explained, there is no active circuitry interior to the small and large antenna.	Paul Young / 9/1/07
			Be sure to include a grant note as follows: "Approved for use with antenna(s) as listed in this filing."	

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