

> -----Original Message-----

> From: Bailey, Peter (AZ77)

> Sent: Thursday, August 01, 2002 1:41 PM

> To: Dosdall, Charlie (AZ77)

> Subject: RE: [Fwd: 16-QAM]FCC ID; GB8HS-600 EA23544

>

> Charlie,

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> In the designation 38K0D1W, 38K0 identifies the occupied bandwidth as 38.0

> kHz (the position of the K denotes the decimal point); D identifies the

> modulation type; 1 indicates that a single channel is involved; W

> identifies the type of information to be transmitted (in our case a

> combination of stuff like data, telephony, etc.).

>

> When trying to determine the correct emissions designation for HS-600, I

> was unable to find anything in part 87 that pertained directly to 16QAM.

> The table in 87.137, for instance, which does contain the designations for

> AES equipment, does not mention Quadrature/Amplitude Modulation. However,

> in part 2, para. 2.201 which assigns the letter designation for the

> modulation type, the letter "D" is used for an "Emission in which the main

> carrier is amplitude and angle-modulated either simultaneously or in a

> pre-established sequence." This seemed to apply pretty well. Changing

> the modulation type to G, which is phase modulation, is not entirely

> accurate.

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> Pete