

Correspondence Reference Number: 38295
Form 731 Confirmation Number: EA531345

Dear Ms. Diane Poole

Thanks for your email addressed to Mrs Marita Latovehmas at SATEL Oy.

Referring to the items of your request, the following information has been prepared.

1. Confidentiality to the internal Photos: Hereby confirming that internal EUT photos need not to be held confidential.

2. Emission designator 20KF1D: There is a false statement.

The right ones are:

SATELLINE-3AS-OEM11/125/200: 10K7F1D

SATELLINE-3AS-OEM11/250: 20K3F1D

The Emission designator has been defined as:

Multilevel Frequency Shift Keying:

$$B_n = \frac{R}{\log_2 S} + 2DK$$

$$(K \leq 0.89)$$

SATELLINE-3AS-OEM11/125/200 (channel spacing):

$$R = 9600 \text{ bps}$$

$$D = 3.3 \text{ kHz}$$

$$S = 4$$

$$K = 0.89$$

$$\frac{9600 \text{ bps}}{\log_2 4} + 2 * 3.3 \text{ kHz} * 0.89 = 10K7$$

SATELLINE-3AS-OEM11/250:

R=19200 bps

D=6.0 kHz

S=4

K=0.89

$$\frac{19200bps}{\log_2 4} + 2 * 6.0kHz * 0.89 = 20K3$$

F1D has been defined as:

F= Frequency modulation

1 = One channel containing digital information, no subcarrier

D= Telemetry

If any further information is needed for the application procedure, please do not hesitate to contact us at Satel.

Kind Regards,
Satel Oy
Marita Latovehmas