

Carl Huie

From: Sochurek, Jan E. [jan.sochurek@ngc.com]
Sent: Tuesday, August 26, 2003 10:10 AM
To: Carl Huie
Subject: FW: Info for TPS-75(V) STA

219 5703
"Exhibit"
Amendments

Carl,

Here is the information that I had sent to Tim back in mid-June in regards to the STA for the Taiwan radar training.

Thanks, Jan

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

> From: Sochurek, Jan E.
> Sent: Wednesday, June 18, 2003 11:21 AM
> To: 'timothy.j.pawlowitz@faa.gov'; 'CHUIE@fcc.gov'
> Subject: Info for TPS-75(V) STA

>
> Tim,

> Here is the information that we spoke about in regards to the STA for
> testing of TPS-75(V)s out at Sykesville. Location is a Northrop
> Grumman facility at 7301 Sykesville Road in Carroll County. NAD-83
> coordinates are 39-22-29 North; 076-57-39 West. Elevation of the site
> is roughly 378 feet above sea level. Testing will be held over a 4-6
> month time period and done periodically on a daily (5-day work week)
> basis during normal working hours.

> We have an existing license, KA2XGR, in place now for similar systems
> that is current until November 11, 2007.

> Main Antenna

> Frequency: 2900 - 3100 MHz, we would like to be able to use the
> entire 200 MHz bandwidth, if not, 2 or 3 frequencies will work.

> Power: 17 MW, maximum ERP

> Emission Designator: 200MF8N

> Antenna gain: 35 dBi

> Rotating or Fixed: Rotating

> PRF: Selectable from Fixed 235 PPS, 250 PPS, 275 PPS, and Staggered
> 250 +/- 10%, 275 +/- 10%

> Pulse Width: 6.7 uSec

> Polarization: Horizontal

> Overall Antenna Height (above ground level): 21 feet

> Beacon

> Frequency: 1030 MHz

> Power: 2 kW maximum

> Emission Designator: 12M0M1D

> Rotating or Fixed: Fixed
>
> PRF: Variable from 200 - 1300 Hz
>
> Pulse Width: 0.8 uSec
>
>
> Thank you for your help in regards to this matter,
>
> JAN SOCHUREK - Spectrum Licensing
> Northrop Grumman Electronic Systems
> Radio Frequency Spectrum and Licensing
> Coordination Group
> (410)765-5626
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