

Curtis, Kara R (US) @ ISR - GVL

From: Tom Zehringer <Tom.Zehringer@kratosrtlogic.com>
Sent: Thursday, September 26, 2019 10:01 AM
To: Curtis, Kara R (US) @ ISR - GVL
Cc: Logan Tisler
Subject: [EXT] RE: Request frequency coordination - L3Harris

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Hi Kara - Due to the frequency range of the MRTCDL signal, we do not anticipate it interfering with our operations. We are curious though regarding the operation of the MRTCDL signal as reflected in the following questions/assumptions;

199Mhz is an extremely large amount of bandwidth. Would it be correct to assume that active downlink MRTCDL signals will use a selected portion of the 14.4005 - 14.5995 GHz range as determined by the radio tuner setting? If this is true, the MRTCDL signal bandwidth would be less than 199MHz and would be ____ Mhz. By this same reasoning the Uplink signal would be a similar bandwidth.

It's also interesting that the radio tuner range is wider than the 199MHz allocated bandwidth. What prevents an operator from tuning it outside the range, say 14.8?

Regards, Tom

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