

Nimesh Sangani

From: Wengang Zheng <Wengang.Zheng@lasp.colorado.edu>
Sent: Wednesday, June 24, 2020 11:05 AM
To: Nimesh Sangani
Subject: Re: [0419-EX-CN-2020] 442 form updated

Follow Up Flag: Follow up
Flag Status: Flagged

Sorry, my bad, I forgot there is a part B.
I have uploaded the corrected version.

Thanks!

-Wengang

From: Nimesh Sangani <Nimesh.Sangani@fcc.gov>
Date: Wednesday, June 24, 2020 at 5:13 AM
To: Wengang Zheng <Wengang.Zheng@lasp.colorado.edu>
Subject: RE: [0419-EX-CN-2020] 442 form updated

Please upload the exhibit to your application.

From: Nimesh Sangani
Sent: Wednesday, June 24, 2020 6:50 AM
To: Wengang Zheng <Wengang.Zheng@lasp.colorado.edu>
Subject: RE: [0419-EX-CN-2020] 442 form updated

Wengang,

Please take a look the exhibit "NTIA DATA AK". Part B Earth Station Transmitter. Submit another exhibit with the correct site elevation.

Part B: Ground Stations, Earth to Space link data:

Earth Station Transmitter Data

Transmit Frequency: 437.325MHz		
State (XSC)	XSC = AK	
City Name (XAL)	XAL = Fairbanks	
Latitude (DDMMSS)	Lat = 644739	
Longitude (DDDMMSS)	Lon = 2474310	
Antenna Polarization (XAP)	XAP = R	POLARIZ H = HOR V = VERT S = HORI L = LEFT R = RIGH T = RIGH J = LINEA
Antenna Azimuth (XAZ)	XAZ = V00	THE EAR AZIMUTI ELEVATI
Antenna Dimensions (XAD)	ANTENNA GAIN 18.9 dBi, BEAMWIDTH 21 degree, AZIMUTHAL RANGE 0-360, THE SITE ELEVATION ABOVE MEAN SEA LEVEL IN METERS 1624 THE ANTENNA HEIGHT ABOVE TERRAIN IN METERS 10 XAD =	EXAMPL XAD01 1

From: Wengang Zheng <Wengang.Zheng@lasp.colorado.edu>

Sent: Tuesday, June 23, 2020 3:43 PM

To: Nimesh Sangani <Nimesh.Sangani@fcc.gov>

Subject: Re: [0419-EX-CN-2020] 442 form updated

Hi Nimesh,

The Alaska NTIA space record data is correct, site elevation = 136 meters, antenna is 10 meters above terrain
Colorado site is also correct with site elevation = 1624 meters, antenna is 10 meters above terrain

Thanks,

-Wengang

From: Wengang Zheng <Wengang.Zheng@lasp.colorado.edu>

Date: Tuesday, June 23, 2020 at 10:51 AM

To: Nimesh Sangani <Nimesh.Sangani@fcc.gov>

Subject: Re: [0419-EX-CN-2020] 442 form updated

Hi Nimesh,

Attached is the signed ODAR, I have uploaded it from the portal as well.

-Wengang

From: Wengang Zheng <Wengang.Zheng@lasp.colorado.edu>

Date: Tuesday, June 23, 2020 at 10:25 AM

To: Nimesh Sangani <Nimesh.Sangani@fcc.gov>

Subject: Re: [0419-EX-CN-2020] 442 form updated

Thanks, I am waiting for the Engineer who prepare the ODAR to sign, or my signature would work too?

-Wengang

From: Nimesh Sangani <Nimesh.Sangani@fcc.gov>

Date: Tuesday, June 23, 2020 at 9:25 AM

To: Wengang Zheng <Wengang.Zheng@lasp.colorado.edu>

Subject: RE: [0419-EX-CN-2020] 442 form updated

I deleted the 437 MHz but I still need the signed ODAR from you.

From: Wengang Zheng <Wengang.Zheng@lasp.colorado.edu>

Sent: Tuesday, June 23, 2020 10:56 AM

To: Nimesh Sangani <Nimesh.Sangani@fcc.gov>

Subject: Re: [0419-EX-CN-2020] 442 form updated

That's an accident, the website directed me to the frequency page after I updated that coordinate. We just need 437.325MHz

Thanks,

-Wengang

From: Nimesh Sangani <Nimesh.Sangani@fcc.gov>
Date: Tuesday, June 23, 2020 at 6:08 AM
To: Wengang Zheng <Wengang.Zheng@lasp.colorado.edu>
Subject: RE: [0419-EX-CN-2020] 442 form updated

You have entered 437 MHz for the Boulder, CO location. Is this done by accident or you're requesting this frequency? If you want this frequency then you have to provide fill out of the emission and necessary bandwidth also.

From: Wengang Zheng <Wengang.Zheng@lasp.colorado.edu>
Sent: Monday, June 22, 2020 4:20 PM
To: Nimesh Sangani <Nimesh.Sangani@fcc.gov>
Subject: [0419-EX-CN-2020] 442 form updated

Hi Nimesh

I have updated the 442 form, now it has the accurate coordinate. Thanks

-Wengang