

From: Koala, Bertin

Sent: Wednesday, December 14, 2005 8:14 AM

To: 'Voss, Karl'

Subject: RE: Frequency coordination for testing in the 470 to 512 MHZ band in Tucson area

Hi Karl did you hear from anyone about this? Am I ok to proceed? Please let me know. Thanks very much

From: Voss, Karl [mailto:kvoss@kpnx.com]

Sent: Thursday, December 01, 2005 3:18 PM

To: kvoss@karlvoss.com

Cc: Koala, Bertin

Subject: FW: Frequency coordination for testing in the 470 to 512 MHZ band in Tucson area

Importance: High

Hi Everyone,

Please note the following STA request that Boeing would like to do outside of Tucson. All RF is extremely low power and will be contained inside a closed aircraft - see the details below...

Please contact Karl Voss; e-mail: kvoss@kpnx.com or phone 602-261-6191 with any questions, comments or concerns regarding this test

Thanks

Karl

Karl Voss

KPNX-TV/DT

602-261-6148

kvoss@kpnx.com

From: Koala, Bertin [mailto:Bertin.Koala@boeing.com]

Sent: Thursday, December 01, 2005 8:59 AM

To: Voss, Karl

Subject: FW: Frequency coordination for testing in the 470 to 512 MHZ band in Tucson area

Importance: High

Hi Karl, this is the only comment that I got from the broadcasters in AZ. **I will go ahead and apply for renewal of our license if it is OK with you.** Our people do not see any problems on our side from broadcasting.

Thanks very much.

From: Thomas, Don [mailto:dlthomas@abc15.com]
Sent: Wednesday, November 23, 2005 5:37 AM
To: Voss, Karl; Koala, Bertin
Subject: RE: Frequency coordination for testing in the 470 to 512 MHZ band in Tucson area

Bertin,

KNXV-TV operates on channel 15 in Phoenix. Based on your information the testing should not affect reception of our signal in Pinal or Pima counties. I would like contact information in case there is interference with our signal. When will the testing take place?

Don Thomas
KNXV-TV

From: Voss, Karl [mailto:kvoss@kpnx.com]
Sent: Tuesday, November 22, 2005 4:54 PM
To: Koala, Bertin
Subject: RE: Frequency coordination for testing in the 470 to 512 MHZ band in Tucson area

Bertin,

The following TV stations are active within a 100km radius of the Lat/Long you are proposing to operate at:

Call	Ch	City	Pwr (ERP)	Dist	Bearing
KUDF-LP	14	Tucson	10KW	36mi	100 deg
K16EO	16	Tucson	12.7KW	37mi	137deg
KTTU-TV	18	Tucson	2.5MW	21mi	145deg
KTTU-DT	19	Tucson	1.5KW	36mi	100deg
K64BV	20	Casa Adobes	9.9 KW	27mi	137deg

While I don't believe your operations will affect them, I suspect you may have problems with them affecting your operations.

This message is being copied to the Arizona Broadcasters and I'd like to give them a week to respond because of the holidays. Please let me know if this fits with your timetable - or what your timetable is...

Thank in advance

Karl

Karl Voss

Arizona Frequency Coordination Committee
KPNX-TV
602-261-6191 voice
602-261-6181 fax
kvoss@kpnx.com

From: Koala, Bertin [mailto:Bertin.Koala@boeing.com]
Sent: Tuesday, November 22, 2005 12:05 PM
To: Voss, Karl
Subject: RE: Frequency coordination for testing in the 470 to 512 MHZ band in Tucson area
Importance: High

The bandwidth is **40 MHZ**, Operation would be from time to time during testing in normal hours, **Aircraft is on the ground**, test is done in cabin **with doors closed** so RF is totally contained. Long and lat are 32-30-35N and 111-19-31W. Thanks for the update.
We are currently operating similitar test in the Seattle (Boeing field) and Paine field.

From: Voss, Karl [mailto:kvoss@kpnx.com]
Sent: Tuesday, November 22, 2005 9:17 AM
To: Koala, Bertin
Subject: RE: Frequency coordination for testing in the 470 to 512 MHZ band in Tucson area

Hi Bertin,

Based on the fact that this is very low power and inside an aircraft, I suspect this will work. However, I will need some more info before I can coordinate this project. I need info:

proposed bandwidth,
when would you like to operate,
is the aircraft on the ground or in the air,
are there windows in the aircraft or will the RF be totally contained inside the aircraft,
etc.

Additionally, do you have a Lat/Long for the site and assuming the aircraft is airborne, what area/radius of operation do you intend on operating?

Thank you in advance for your time in coordinating this project

Karl

Karl Voss
Arizona Frequency Coordination Committee
KPNX-TV
602-261-6191 voice
602-261-6181 fax
kvoss@kpnx.com

From: Koala, Bertin [mailto:Bertin.Koala@boeing.com]
Sent: Thursday, November 17, 2005 3:27 PM
To: Voss, Karl
Subject: Frequency coordination for testing in the 470 to 512 MHZ band
Importance: High

Hi Karl, my name is Bertin and I am with Boeing's Frequency group. Boeing needs to use frequencies in the 470-512 MHZ band to do some testing in the Arizona region. The specifications are included below. Please let us know if this is OK with the Broadcasting group. Thanks very much and please contact me if you need more information.

Marana, AZ (Evergreen Air Center)

Address Station	Class	Power	Frequency	Conditions
Evergreen Air Center				
Pinal Air Park Road				
Marana, Az 85653-9501	FX	200mW	470-512 MHz	Inside Aircraft
Cabin				

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