

From: Wen-Ping Ying

To: Doug Young
Date: July 20, 2021

Subject: Request for Info - File # 1093-EX-ST-2021

Message:

Response from HTC -

1. With respect to the CBRS frequencies 3550-3600 MHz We will remove the application for 3550-3600 MHz license.
2. With respect to the frequencies in the 3700 - 3800 MHz band, here is our analysis that the operation of the radio for this trial application will not interfere with the operation of the incumbent FSS operators in this band.

Here is the detailed analysis.

Below is HTC LA location information, which we plan to have the trial.

5200 W Century Blvd #780
Los Angeles, CA 90045

33.94506286894259, -118.37063115232864

According to the Excel dataset from <https://docs.fcc.gov/public/attachments/DA-20-823A2.xls>, the closest FSS earth station location, which has same postal code 90045, is at 5999 Center Drive, LA. The distance between the nearest one and HTC LA office is about 3.85KM.

ApplicantName	CallSign	Class	Of Earth Station	SiteStreet1	SiteCity	Site State	Site Zip Code			
KMEX License Partnership, G.P.	E020109	FES			5999 CENTER DRIVE	LOS ANGELES				
CA	90045	33	58	35.8	N	118	23	17.5	W	
KMEX License Partnership, G.P.	E120164	FES			5999 CENTER DRIVE	LOS ANGELES				
CA	90045	33	58	35.2	N	118	23	16.1	W	
Univision Radio Stations Group, Inc.	E120189	FES			5999 Center Drive	Los Angeles				
CA	90045	33	58	35.6	N	118	23	20.4	W	

The second closest one, which is located at 7800 Beverly Blvd, is about 14.59KM from HTC LA office, the trial location.

CBS Broadcasting Inc.	E8453	FES			7800 BEVERLY BOULEVARD	LOS ANGELES CA	90048
34	4	31	N	118	21	38.3	W
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34	4	31	N	118	21	38.3	W

The demo room at HTC LA office will be 10M x 10M. The RU TX power (downlink) will be limited to 15dBm per port (2x2). Therefore, outside of office building, or a radius of 100 meter. The RSRP will be less than -125dBm (when including the attenuation from concrete walls etc, the radiation will be even less). Therefore, we concluded that this signal level will not affect any incumbent operators outside the radius of 100 meter from the trial location.

HTC Radio Team