

## Wenping Ying

---

**From:** Wenping Ying  
**Sent:** Friday, August 6, 2021 8:14 AM  
**To:** Ryson, Dan  
**Cc:** Daniel Ping(邴尚威); Jason Ray  
**Subject:** RE: Coordination of CBS FSS and HTC Private5G low power radio in 3.7-3.8GHz

Hi Dan,

Thanks very much for taking the time to review this interference provisioning for the STA application. I believe your email response is sufficient and will save this email correspondence and submit to FCC as an attachment for their record.

Please contact me or Jason (CC:ed) directly if you experience any problem.

Wenping Ying – 425-985-4981  
Jason Ray - 310-955-6464

Forward we go.  
-wp

Wenping Ying Ph.D.  
Executive Director, Technology Strategy  
HTC Operator Solutions  
Cell: +1 425 985 4981  
Email: [wenping\\_ying@htc.com](mailto:wenping_ying@htc.com)



---

**From:** Ryson, Dan <[dryson@viacomcbs.com](mailto:dryson@viacomcbs.com)>  
**Sent:** Friday, August 6, 2021 4:12 AM  
**To:** Wenping Ying <[Wenping\\_Ying@htc.com](mailto:Wenping_Ying@htc.com)>  
**Cc:** Daniel Ping(邴尚威) <[Daniel\\_Ping@htc.com](mailto:Daniel_Ping@htc.com)>  
**Subject:** RE: Coordination of CBS FSS and HTC Private5G low power radio in 3.7-3.8GHz

Wenping Ying,

Good morning. I hope this note finds you well.

After reviewing the operating parameters and location proposed by the STA, we agree that there is no reasonable concern regarding harmful interference to our Los Angeles-based satellite earth stations. Regardless, as a courtesy, we would appreciate local contact information in the unlikely event that we experience problems.

Do you require a confirmation letter or will this note suffice for your purposes?

With kind regards,

Dan Ryson

---

**From:** Wenping Ying <[Wenping\\_Ying@htc.com](mailto:Wenping_Ying@htc.com)>  
**Sent:** Thursday, August 5, 2021 4:44 PM  
**To:** Ryson, Dan <[dryson@viacomcbs.com](mailto:dryson@viacomcbs.com)>  
**Cc:** Daniel Ping(郚尚威) <[Daniel\\_Ping@htc.com](mailto:Daniel_Ping@htc.com)>  
**Subject:** RE: Coordination of CBS FSS and HTC Private5G low power radio in 3.7-3.8GHz

External Email

No worries, and thanks for your response, Dan.  
Just let us know if there is anything we can do on our side to complete this request from FCC.

Best Regards,

-wp

---

**From:** Ryson, Dan <[dryson@viacomcbs.com](mailto:dryson@viacomcbs.com)>  
**Sent:** Thursday, August 5, 2021 1:08 PM  
**To:** Wenping Ying <[Wenping\\_Ying@htc.com](mailto:Wenping_Ying@htc.com)>; Ryson, Dan <[dryson@cbs.com](mailto:dryson@cbs.com)>  
**Cc:** Daniel Ping(郚尚威) <[Daniel\\_Ping@htc.com](mailto:Daniel_Ping@htc.com)>  
**Subject:** RE: Coordination of CBS FSS and HTC Private5G low power radio in 3.7-3.8GHz

Hello Wenping Ying,

Thank you for the note. It's nice to meet you.

I regret the delay in my responding to your question. I will be able to look at your analysis tomorrow and intend to get back to you soon.

Thank you for your patience.

With kind regards,

Dan

*My work-at-home phone number is +1 (202) 618-1900*

**Daniel Ryson**

Director Spectrum Management, CBS Communications Services, Inc.

O (202) 457-4074

[dryson@viacomcbs.com](mailto:dryson@viacomcbs.com)

[www.viacomcbs.com](http://www.viacomcbs.com)

2020 M. St., NW – Licensing DEPT

Washington, DC 20036



**From:** Wenping Ying <[Wenping\\_Ying@htc.com](mailto:Wenping_Ying@htc.com)>

**Sent:** Tuesday, August 3, 2021 10:32 PM

**To:** Ryson, Dan <[dryson@cbs.com](mailto:dryson@cbs.com)>

**Cc:** Daniel Ping(郚尚威) <[Daniel\\_Ping@htc.com](mailto:Daniel_Ping@htc.com)>

**Subject:** Coordination of CBS FSS and HTC Private5G low power radio in 3.7-3.8GHz

**External Email**

Hi Daniel,

HTC has been granted a Special Temporary Authority (STA) license from FCC to operate HTC Privat 5G radio in 3.7-3.8GHz from 8/1/2021 to 9/30/2021.

As the condition for the STA grant, FCC has requested that HTC shall coordinate with CBS Broadcasting Inc. to avoid generating interference to your existing FSS operation.

Specifically there are two entries covered by this request from FCC –

CBS Broadcasting Inc.	E8453	SESRWL2020013000096	current		RWL	FES	1	1	1	7800 BEVERLY BOULEVARD	L A
CBS Broadcasting Inc.	E8453	SESRWL2020013000096	current		RWL	FES	1	2	1	7800 BEVERLY BOULEVARD	L A

To give you some background of this application and operation mode of the HTC Private 5G radio, I have attached both the STA application and the interference analysis HTC submitted to FCC for your reference.

In summary, HTC will operate the private 5G radio in 3.7-3.8GHz from HTC LA office that is 14.59 KM away from your FSS locations. The radio transmit power will be limited to 10dBm since this radio is used to serve an area of 10M x 10M square only (usually it will be much less than 10dBm). We will also control the Tx power such that the RSRP will be less than -125dBm measured at the perimeter of the office building, including the attenuation from concrete walls and office dividers etc.

With this provisioning in place, the radio signal RSRP will be less than - 250 dBm when it reaches your FFS site at 780 Beverly Blvd (the free space loss is about 126 dB for 3.7GHz with distance of 14KM).

I hope this provisioning will be acceptable to you. If not, I would greatly appreciate it if you could let us know any concerns you might have or any specific request that HTC should follow to minimize the impact to your FSS operation.

Forward we go.

-wp

Wenping Ying Ph.D.  
Executive Director, Technology Strategy  
HTC Operator Solutions  
HTC America  
Cell: +1 425 985 4981  
Email: [wenping\\_ying@htc.com](mailto:wenping_ying@htc.com)



Forward we go.

-wp

Wenping Ying Ph.D.  
Executive Director, Technology Strategy  
HTC Operator Solutions  
Cell: +1 425 985 4981  
Email: [wenping\\_ying@htc.com](mailto:wenping_ying@htc.com)



CONFIDENTIALITY NOTE : The information in this e-mail is confidential and privileged; it is intended for use solely by the individual or entity named as the recipient hereof. Disclosure, copying, distribution, or use of the contents of this e-mail by persons other than the intended recipient is strictly prohibited and may violate applicable laws. If you have

received this e-mail in error, please delete the original message and notify us by return email or collect call immediately.  
Thank you. HTC Corporation

CONFIDENTIALITY NOTE : The information in this e-mail is confidential and privileged; it is intended for use solely by the individual or entity named as the recipient hereof. Disclosure, copying, distribution, or use of the contents of this e-mail by persons other than the intended recipient is strictly prohibited and may violate applicable laws. If you have received this e-mail in error, please delete the original message and notify us by return email or collect call immediately.  
Thank you. HTC Corporation