

October 22, 2019

To Whom it may concern,

Qualcomm filed experimental license renewal application 0353-EX-CR-2019 on June 24, 2019 for call sign WH2XIN. This experimental license allows experimentation in the range of 3550-360 MHz.

This experimental license is critical to Qualcomm as it enables the use of multiple low power 4G/5G networks on the Qualcomm campus that supports this testing used to advance wireless technologies. Lastly, the spectrum is used to test CBRS devices.

The original license granted in 2014 supported higher transmit power up to 607 W ERP. The R&D work has evolved such that the high-power transmitters are no longer required and have not been used for a number of years.

For that reason, the experimental license request is being modified to reduce the maximum transmit power to 2 Watts EIRP (1.21 Watts ERP) for both mobile and fixed distes. Testing is also anticipated to only occur on Qualcomm's campus in San Diego and at lower power levels for both the fixed and mobile sites.

Please let me know if there are any questions with this modification.

Best Regards,
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