

Experiment Proposal

1 Introduction

Qualcomm Incorporated (NASDAQ:QCOM - News) is the world leader in 3G and next-generation mobile technologies. For 25 years, Qualcomm ideas and inventions have driven the evolution of wireless communications, connecting people more closely to information, entertainment and each other. Today, Qualcomm technologies are powering the convergence of mobile communications and consumer electronics, making wireless devices and services more personal, affordable and accessible to people everywhere. For more information, please visit www.qualcomm.com.

2 Experiment al License Purpose

This experimental license application is an extension of STA file 0233-EX-ST-2012, call sign WF9XNZ, granted on April 26, 2012. The trial start was delayed and therefor will operate beyond the October 24 date specified in STA 0233-EX-ST-2012. A condition of the granted STA was that extensions must be filed via a form 442; therefore this experimental license purpose is to extend the trial period to March 2013. There are no plans to extend this activity beyond this date now that the trial is in process.

Qualcomm will abide by all special conditions specified in STA 0233-EX-ST-2012. With respect to the frequency range of 1710-1755, these devices are equivalent to commercial 3G/4G device and will only operate where a licensed 3G/4G network is available. In fact, the transmitter functionality is provided by a FCC approved WWAN module that Qualcomm has not modified.

3 Experiment Description

Qualcomm is enabling a limited duration developer trial of up to 300 WWAN enabled (GSM, HSPA+, LTE) development “tablet” form factor platforms.

Each device recipient will be required to agree to terms and conditions for usage of the development tablets before receiving a tablet. Such terms and conditions restrict usage to a controlled user environment and prohibits usage by the general public and non-authorized developers. Prior to transmission, Qualcomm will obtain consent from the desired WWAN service provider allowing use of the development tablets on the respective commercial WWAN network. Please explain the purpose of operation:

Development tablets will be used for software development in support of next generation WWAN (GSM, HSPA+, LTE) devices.

Table 1 defines the bands supported by the FCC approved WWAN module and transmit power capability of the development tablet.

Table 1 Transmitter Information

Technology	3GPP Band Definition	Band	BW	Max Power (dBm EIRP)	Max Power (W EIRP)	Max Power (dBm ERP)	Max Power (W ERP)
EGSM	850	824-849	251KGXW	33	1.995	30.83	1.211
EGSM	1900	1850-1910	251KGXW	30	1.000	27.83	0.607
UMTS	B5	824-849	4M17F9W	26	0.398	23.83	0.242
UMTS	B2	1850-1910	4M17F9W	26	0.398	23.83	0.242
LTE	B4	1710-1755	8M93F9W	26	0.398	23.83	0.242
LTE	B17	704-716	8M93F9W	25	0.316	22.83	0.192