To whom it may concern,

The following test data was gathered at Itron Inc. located in Liberty Lake, WA on the 11th of July, 2008. The EUT was a BlueGiga blue tooth WT11 module bearing the FCC ID of QOQWT11 and was installed on a PCA designed by Itron Inc. The testing was performed utilizing the equipment listed below. An IBM PC was utilized to control the output characteristics of the module. A custom USB cable is the interface between the PC and the Itron designed PCA. The USB port provides power during the testing. Batteries will operate the unit during use at customer locations. Procomm plus (a terminal program) was utilized in the control of the module. The module was commanded to transmit a modulated signal at a power level of "30" for all the tests performed. The following commands were used to perform the tests.

Low Channel (2402Mhz) – TXStart 256 30 2402 Medium Channel (2441Mhz) – TXStart 256 30 2441 High Channel (2480Mhz) – TXStart 256 30 2480

Regards,

W. Raymond Stoner Engineer Itron Inc. 2111 N. Molter Rd Liberty Lake WA, 99019

			Serial		
Equipment Type	MFR	Model Number	Number	Last Cal	Cal Due
Spectrum Aanlayzer	Agilent	E4407B	MY45107856	March-07	March-09
RF Cable	Paternack	N/A	N/A	N/A	N/A
10db attenuator	Macom	2082-6147-10	N/A	N/A	N/A
SMA to U.FL adaptor	Hirose	HRMJ-U.FLP	N/A	N/A	N/A

Test Setup;



Peak Power Output Data Plot (CH Low)



Peak Power Output Data Plot (CH Mid)

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Peak Power Output Data Plot (CH High)											
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								Mkr1	2.4803	17 GHz	T OUR OOUT ON
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Agilent 12:01:31 Jul 11, 2008 File Mkr1 2.40105 GHz Ref 122.5 dBµV Atten 30 dB 119.8 dBµV $\hat{}$ Catalog• Marker Peak Log 2.401050000 GHz 119.8 dBµV 10 dB/ Save Load. Multhulder maha u ha Delete Start 30 MHz Stop 3 GHz #Res BW 100 kHz Sweep 382.7 ms (601 pts) VBW 100 kHz Copy X Axis 2.40105 GHz Amplitude 119.8 dBµV Marker Trace Type Freq 1 (1)Rename. More 1 of 2 C:\FUNDHI.GIF file saved

Conducted Spurious Emission Measurement Result

CH Low 30Mhz – 3Ghz

Ch Low 3Ghz – 26.5Ghz

🔆 Agilent 12:09:07 Jul 11, 2008	Peak Search
Mkr1 4.80 GHz	T OUR OOUTOTT
Ref 122.5 dBµV Atten 30 dB 79.18 dBµV	Mana Taala
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Ch Mid	30Mhz	- 3Ghz
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Ch Mid 3Ghz – 26.5Ghz

🔆 Agilent 🛛 12:00	7:51 Jul 11, 20	08		Peak Search
			Mkr1 4.88 GHz	T Cak Scaron
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Ch High	30Mhz	- 3Ghz
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ዡ Agilent 12:03:36 Jul 11, 2008	Peak Search
Mkr1 2.48025 GHz	
Ref 122.5 dBµV Htten 30 dB 118.4 dBµV Peak Marker 1 Log 2 40025000000000000000000000000000000000	Meas Tools•
¹⁰ −2.480250000 GH2 ^{dB} / 118.4 dBµV	Next Peak
and the second and th	Next Pk Right
	Next Pk Left
Start 30 MHz Stop 3 GHz #Res BW 100 kHz VBW 100 kHz Sweep 382.7 ms (601 pts) Marker Trace Type X Axis Amplitude 1 (1) From 2 48825 GHz 118.4 dBull	Min Search
1 (1) They 2.40823 002 110.4 00p0	Pk-Pk Search
	More 1 of 2

Ch High 3Ghz – 26.5 Ghz

🔆 Agi	ilent :	12:05:5	9 Jul 1	1,200	8						File
								М	kr1 4.	96 GHz	
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