

**FUJITSU LIMITED**

4-1-1, Kamikodanaka, Nakahara, Kawasaki  
 211-8588, Japan  
 Tel : +81-44-754-3491  
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**To: Federal Communications Commission  
 Equipment Authorization Branch**

**Date: 31<sup>st</sup> August 2016**

**Re: Certification in accordance with FCC Section 2.1043 (b) (2)  
 C2PC report for FCC ID: [EJE-EM7355D1](#)**

This document describes the difference between the original certified host model and the new host model Notebook PC.

The changes are only in relation to the CPU chipset of the host unit. The Radio modules, Antennae and the Antennae positions are identical to the original certified products.

The main reason for submitting a Class II PC is due to the existing FCC Grants mention the Tablet PC model “Q736” (shown below), we like to submit a C2PC and reflect the new model “Q737” on the Grant as required for our PTCRB certification.

Also in-house tests show a slight degradation of results. Results shown in Appendix A of this document

**List of Differences between certified model and new model**

Parameter	Certified Model	New Model
Host Model:	<a href="#">Q736</a>	<a href="#">Q737</a>
Fujitsu Code name:	<a href="#">Qwerty</a>	<a href="#">Qualia</a>
Chipset	<a href="#">Intel SkyLake-U</a>	<a href="#">Intel KabyLake-U</a>
CPU Speed	<a href="#">SAME: 2.6GHz</a>	
LCD Screen	<a href="#">SAME 13.3” FHD</a>	
Housing	<a href="#">SAME</a>	
WLAN/BT Module	<a href="#">SAME : Intel 8260NGW (11ac/abgn)</a>	
WWAN Module	<a href="#">SAME: Sierra EM7355</a>	
Antenna	<a href="#">SAME WLAN/BT: Nissei Inverted F Ant, Tx1: CP659362-A &amp; Tx2: CP659362-B WWAN: Nissei PIFA, Main: CP659364, AUX: CP659365</a>	
Antenna Location	<a href="#">SAME (see photographs below)</a>	
All Radio Parameters	<a href="#">SAME</a>	

**FCC/IC Test Reports**

Test Reports	Certified Model	New Model
Host Model:	<a href="#">Q736</a>	<a href="#">Q737</a>
FCC Pt 15B DoC	<a href="#">FG15-058EAL</a>	<a href="#">FG16-114EFC</a>
FCC SAR & RSE	<a href="#">SAME – No change</a>	
Verification Report	<a href="#">See Appendix A of this document</a>	

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### Existing FCC Grant Extract

**Date of Grant: 11/12/2015**

**Application Dated: 11/11/2015**

<b>FCC IDENTIFIER:</b>	EJE-EM7355D1
<b>Name of Grantee:</b>	Fujitsu Limited
<b>Equipment Class:</b>	PCS Licensed Transmitter
<b>Notes:</b>	LTE Module
<b>Modular Type:</b>	Limited Single Modular

**Limited Single Modular Approval:** Power out is conducted at the antenna terminal. The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter, except in accordance with FCC multi-transmitter evaluation procedures. End-Users must be provided with transmitter operation conditions for satisfying RF exposure compliance. OEM integrators must insure that the end user has no manual instructions to remove or install this module. For mobile and fixed operating configurations the antenna gain, including cable loss, must not exceed 6.5 dBi at 800 MHz and/or 850 MHz, 3.0 dBi at 1900 MHz, 9.0 dBi at 700 MHz and 6 dBi at 1700 MHz as defined in 2.1091 for satisfying RF exposure compliance. Under no conditions may an antenna gain be used that would exceed the ERP and/or EIRP power limits as specified in Part 22, 24, 27 and 90. The Grantee is responsible for providing the documentation required for modular use. (Date of Grant: 11/11/2014)

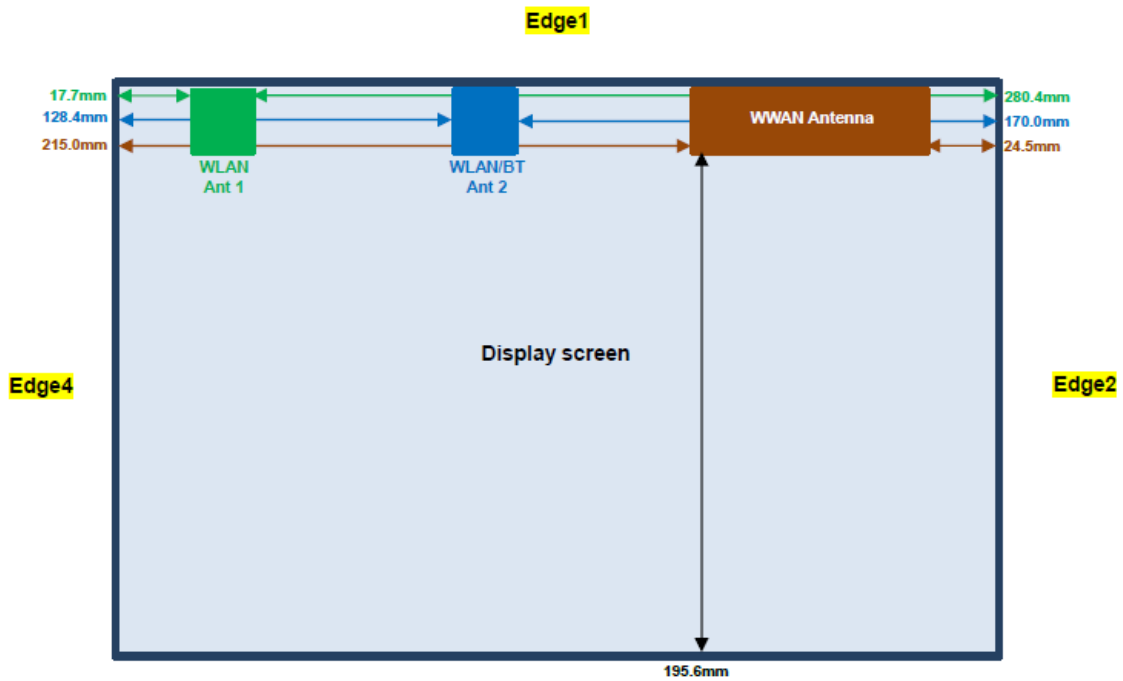
**Class II Permissive Change:** This Class II Permissive Change is to integrate the module in **FUJITSU STYLISTIC Q736, FCC ID: EJE-WB0097**. The highest reported SAR value for stand-alone and simultaneous transmission conditions are 1.39W/kg and 1.58W/kg, respectively.

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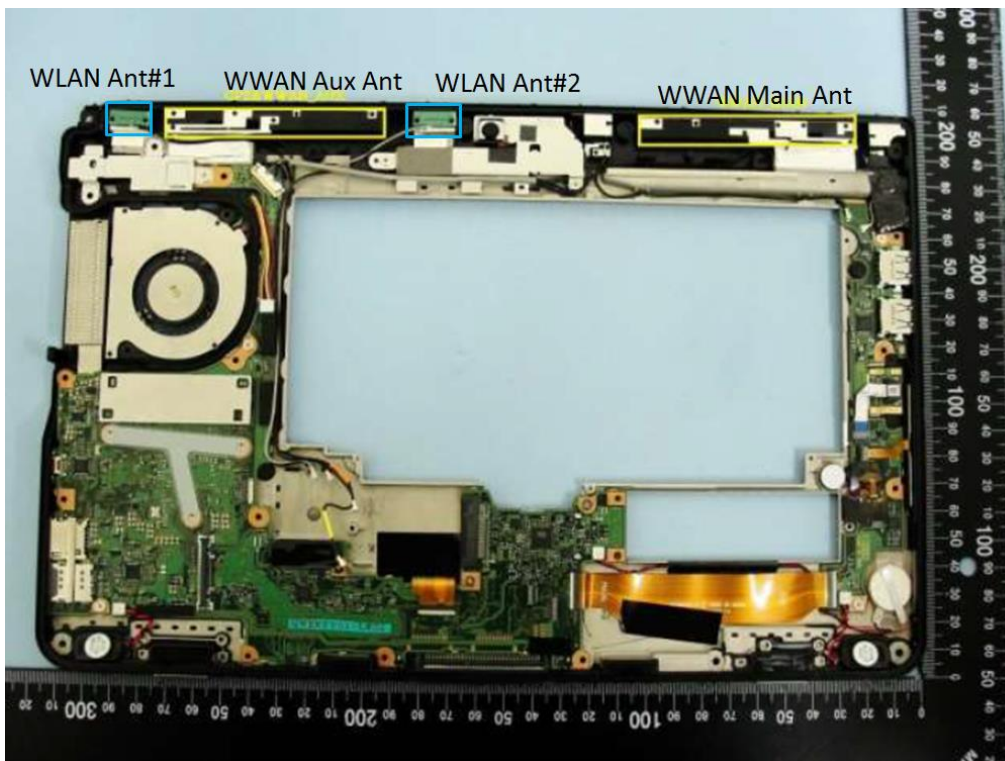


### Radio Module and Antenna location Photos



Edge3

Front View



## FUJITSU LIMITED

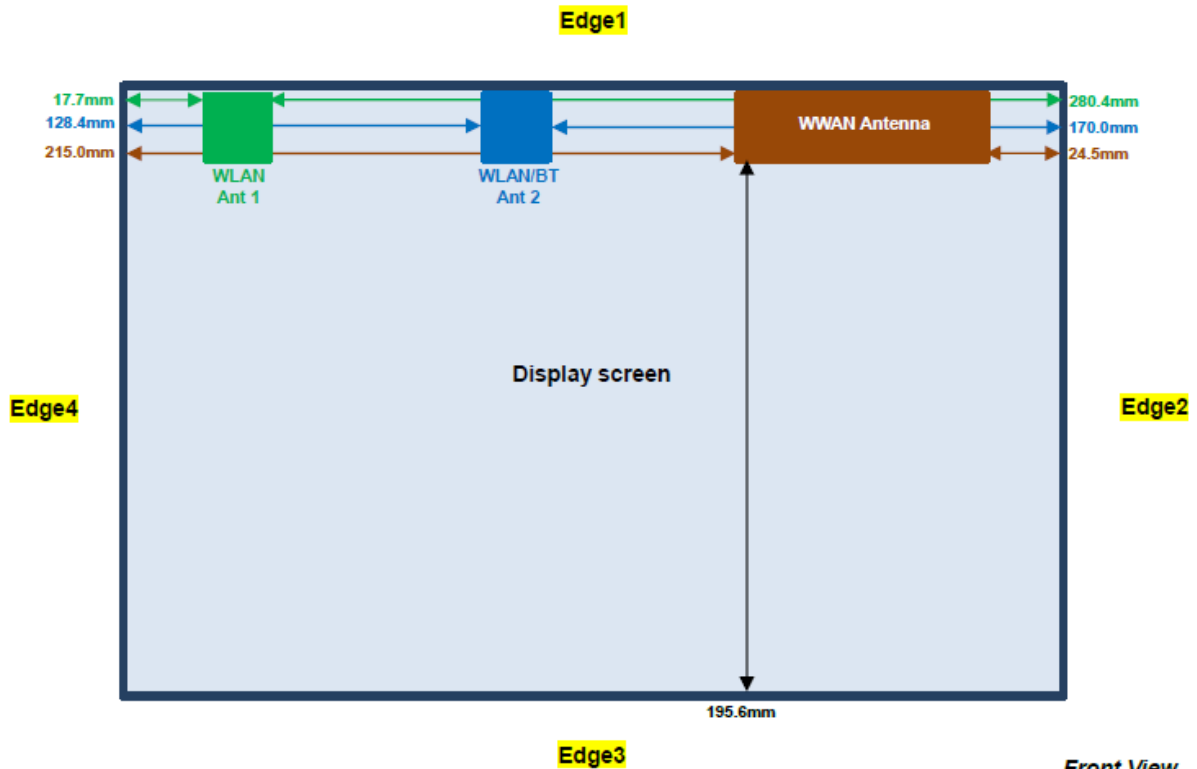
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## Appendix A

### Results of in-house Verification Tests between Q736 and Q737

Test Position	Q736 SAR [W/kg]		Q737 SAR [W/kg]	Comments
Bottom	GSM1900	1.380	1.310	Tests performed with Daisy 5 system Worst case Test points chose from Original test report of certified model Q736
Edge#1	GSM1900	1.106	0.898	
Bottom	CDMA BC1	1.387	1.370	
Bottom	LTE B2	1.223	1.230	
Bottom	LTE B4	1.229	1.260	
Bottom	LTE B25	1.262	1.230	
Bottom	WCDMA B4	1.112	1.200	
Bottom	WCDMA B2	1.075	1.14	



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<b>RSE Comparative Test Results between Q736 and Q737</b> Worst case Test points chosen from Original Test Report of Certified model Q736				Horizontal			Vertical		
Band	Channel	Antenna	Freq (MHz)	Q736 (dBm)	Q737 (dBm)	Diff.	Q736 (dBm)	Q737 (dBm)	Diff.
802.11n HT40	09	Ant 1	2484.44	-42.1	-42.0	-0.1	-40.0	-42.6	2.6
802.11n HT40	LF	Ant 1	216.03	-73.5	-81.7	8.2	-80.4	-87.7	7.3
802.11n HT40	LF	Ant 2	216.03	-73.7	-82.8	9.1	-81.0	-89.1	8.1
802.11n HT20	LF	Ant 1+2	216.03	-73.4	-79.7	6.3	-81.1	-89.6	8.5
802.11ac VHT80	155	Ant 1	5713.00	-11	-16.5	5.5	-35.3	-35.9	0.6
802.11ac VHT80	LF	Ant 1	216.03	-73.5	-80.7	7.2	-80.6	-88.0	7.4
802.11ac VHT80	LF	Ant 2	216.03	-73.5	-80.2	6.7	-81.4	-88.7	7.3
802.11ac VHT80	LF	Ant 1	216.03	-73.9	-80.0	6.1	-81.6	-89.0	7.4
802.11ac VHT80	LF	Ant 2	216.03	-73.3	-81.0	7.7	-81.4	-88.7	7.3
802.11n HT40	LF	Ant 1+2	216.03	-73.9	-81.6	7.7	-80.9	-88.7	7.8

Name and Signature:  
 Tsuyoshi Uchihara  
 Position: Engineer