



Question 3 : The label does not appear to have the two part statement required by 15.19.

Please explain/justify.

Answer: We included that statement in the P2 WiFi Label. Please check the attached File No. 1.

Question 4 : A general purpose block diagram was provided but it does not list the frequency of all oscillators in the device. Please provide a block diagram showing the frequencies of the clocks, oscillators and rf signals.

Answer: We included the frequencies of the clocks, oscillators and rf signals.

Please check the attached File No. 2.

Question 5 : The operational descriptions describes the device as having hot spot capabilities but there is no WWAN interface described. Please explain.

Answer: This model is not support hot spot mode. We delete this statement in

“Operational description”. Please check the attached File No. 3.

Question 6: The operational description does not describe the Bluetooth operation at all.

Please provide a description for the Bluetooth interface to include

- a. Information to understand if the device meets the requirements of 15.247 related to the receiver

bandwidth matching the transmitter bandwidth

- b. Explanation of how the receiver hops synchronously with the transmitter (e.g. shared LO)

- c. An explanation as to how the hopping sequences meet the requirements of 15.247,

i.e. that the sequence is pseudo random.

Answer: The relevant BC8811 complies with the Bluetooth specification.

For general information about bluetooth operation, please refer to the attached file No 4.

- a. BC8811 receiver have a compliant input 1MHz bandwidth, based on the measured 20 dB emission bandwidth as the following table

RF Characteristics, VDD = 1.5V	Min	Typ	Max	Bluetooth Specification	Unit
Maximum RF transmit power ^(a) (b) (c)	5	9	-	-6 to 4 ^(d)	dBm
RF power variation over temperature range with compensation enabled ^(e)	-	±0.5	-	-	dB
RF power variation over temperature range with compensation disabled ^(e)	-	±1.0	-	-	dB
20dB bandwidth for modulated carrier	-	925	1000	≤1000	kHz

- b. The input bandwidth of the receiver is 1 MHz. In every connection, one Bluetooth device is the master(ex : transmitter) and the other one is the slave. The master determines the hopping sequence . The slave follows this sequence. Both devices shift between RX and TX time slot according to the clock of the master. Additionally the type of connection is set up at the beginning

of the connection. The master adapts its hopping frequency and its TX/RX timing is according to the packet type of the connection. Also, the slave of the connection uses these settings. Repeating of a packet has no influence on the hopping sequence. The hopping sequence generated by the master of the connection will be followed in any case. That means, a repeated packet will not be send on the same frequency, it is send on the next frequency of the hopping sequence.

- c. On pseudorandom frequency hopping sequence the following is an example of a 79 hopping
-Example of a hopping sequence in data transmission mode:

47, 21, 44, 23, 42, 53, 46, 55, 33, 48, 52, 35, 50, 20, 54, 67, 56, 37, 60, 39, 58, 69, 62, 71, 64, 25, 68, 27, 66, 57, 70, 59, 72, 29, 76, 31, 74, 61, 78, 01, 63, 41, 05, 43, 03, 73, 07, 75, 09, 45, 13, 40, 11, 77, 15, 00, 16, 28, 49, 22, 34, 02, 19, 06, 17, 51, 32, 14, 36, 04, 12, 26, 18, 38, 24, 08, 30, 65, 10

-Example of a hopping sequence in inquiry mode :

47, 08, 71, 57, 63, 02, 61, 45, 55, 10, 59, 73, 65, 69, 27, 43, 00, 77, 04, 67, 37, 06, 31, 75, 33, 39, 51, 40, 29, 14, 35, 49

-Example of a hopping sequence in paging mode:

08, 57, 70, 68, 51, 02, 40, 42, 04, 61, 46, 44, 63, 14, 50, 48, 16, 65, 54, 52, 67, 18, 58, 56, 20, 53, 60, 62, 55, 06, 66, 64

Question 12 : Is the document *User Manual_20111007_v1 - 07*.

WIFI_Manual_setting_Guide(GT-P6200).pdf needed? It looks like instructions for setting the test mode for the system.

Answer: We add this document (User manual). Please check the attached File No. 5.

Question 8: Please provide a channel plan for the WiFi operation that details which channels can

operate in an ad-hoc mode, which channels support active scanning and which support

only passive scanning. Reference KDB 848637 which requires a "Cover Letter

Attachment stating that the client software and associated drivers will not initiate any

transmission on DFS frequencies. This includes transmissions for beacon ad-hoc peer-to-peer modes.”

Answer: We provided a channel plan for the WiFi operation. Please check the attached File No. 8.

Question 10 : Please explain how the 802.11an operation meets the requirements in part 15 E to discontinue transmissions in the absence of data to transmit. This could be added to the operational description, provided separately, or included in the response to item 8

Answer: “When data transmission is not needed, this device actually shutdown Tx path. So, This device automatically discontinues its transmission in case of either absence of information to transmit or operational failure.”

Thanks.