

MEMORANDUM

Distribution: All CSR customers

cc:

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Subject: FCC Application

All --

After long discussions with the FCC over a period of six months, we have now FINALLY, made them understand that the Processing Gain of Bluetooth products containing BC01 are actually controlled by the chipset, and as such, we feel that there is no valid reason for every CSR customer to complete Processing Gain Measurements.

As it stands, we believe (and the FCC has agreed with us) that customers need to present test evidence of the following (any reputable test house should be able to do these tests without major difficulty!):-

- 1) The occupied bandwidth in Section 15.247(a)(1)(ii).
- 2) Conducted output power specified in Section 15.247(b)(1).
- 3) EIRP limit in Section 15.247(b)(3).
- 4) RF safety requirement in Section 15.247(b)(4)
- 5) Spurious emission limits in Section 15.247(c)
- 6) Power spectral density requirement in Section 15.247(f) in the acquisition mode.

For processing gain requirements, they can submit the attached file (processgain.pdf) (they do not need to test this!!), together with the following explanation (customers can edit this as they see fit) :-

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Our Bluetooth product contains a module built using CSR's BC01 chip. This said module's Bluetooth functionality is completely determined by the BC01 chip which features an integral transmitter, receiver and the processing gain filters. As discussed and agreed between the FCC and CSR, all BC01 based modules therefore have identical processing gains.

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Additionally, for all products, items 1-12 on the attached file (fcc-guide.pdf), are common to all Bluetooth devices and will therefore, not vary from device to device. So this list can be copied and pasted into the FCC application.

These above mentioned issues should make the application documentation

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requirements a lot easier.

If you do have any questions, please do not hesitate to contact me.

