

Correspondence Reference Number: 19872 Reply

731 Confirmation Number: EA101138

- 1.) The ERP and EIRP values listed on FCC Form 731 do not correspond to the measured values. Please submit revised ratings to be placed on the Grant of Certification.

Following this page, on page 3, a copy of the request for Bette Taube to correct the Form 731 has this change. This was a mistake and was not recorded in ERP and EIRP.

- 2.) The power rating shown in the "Technical Characteristics" Section is .6 W for all three modes. Please correct this.

Below is an excerpt of the change made to the Operational Description. The new Operational Description exhibit has been uploaded and named NWJ10A007A Operational Description 2.pdf.

6. Power Rating -- Pursuant 2.983 (d3)

AMPS:	0.285 ERP Watts
NADC:	0917 ERP Watts
PCS:	0.664 EIRP Watts

- 3.) Please indicate compliance with the E-911 provisions of Section 22.921 of the Commission's R&R.

We meet this requirement. All Panasonic phones disregard forbidden SIDs and SOCs and will place a call regardless of system or carrier.

- 4.) Please note that the attenuation requirement for spurious emissions is $43 + 10\log(P)$. This is referenced to the desired signal yielding dBc. The attenuation specification is not $XX \mu\text{V}/\text{M}$, or derived from absolute value of the field strength. The dBc is determined from the substitution method as described in the ANSI/TIA/EIA-603-1992 document. What is needed is a determination of the actual power levels necessary to reproduce these field strength levels. Those power levels (from a signal generator source and a dipole antenna replacing the EUT) are then compared to the power output of the transmitter to determine dBc. That is the basis of the "substitution method". Please submit data / results obtained in this manner. Also, note that pursuant to Section 2.1057©, emissions more than 20 dB below the specification do not need to be reported.

This data was taken but only worst case was provided after the conversion. A new and complete Radiated data report explaining this is attached.

Panasonic

Matsushita Mobile Communications Development Corporation of U.S.A.

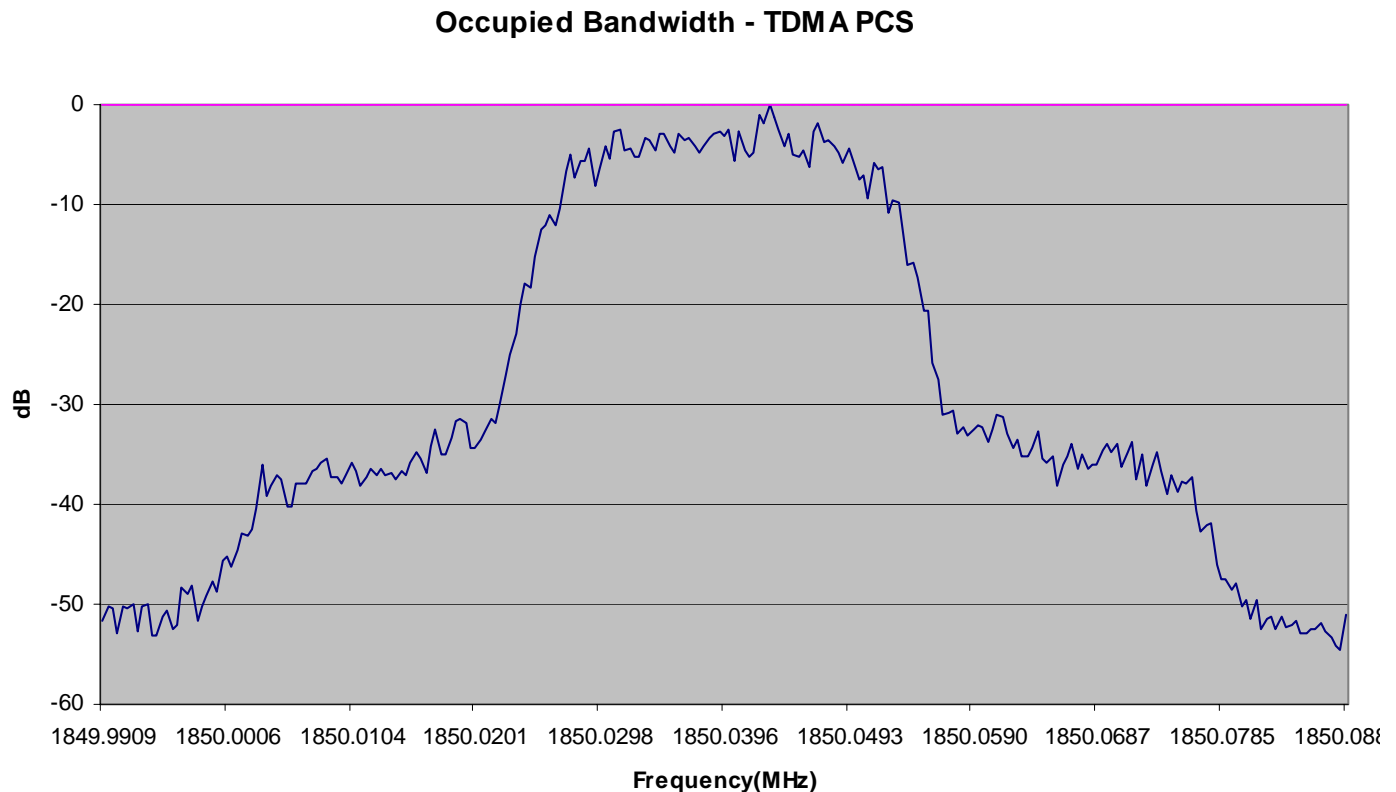
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- 5.) The frequency stability listing on FCC Form 731 for the PCS mode is 200 ppm and appears to be in error. Please comment.

Following this page, on page 3, a copy of the request for Bette Taube to correct the Form 731 has this change. This was a mistake and should have read "Hz."

- 6.) Please provide occupied bandwidth measurements for the PCS operation to justify the 256K values listed on FCC Form 731.

Following is a plot of this data.



- 7.) Please justify the listing of 1850.04 and 1907.95 MHz on FCC Form 731 as the lowest and highest operating frequencies.

This was a mistake and should have read 1850.04 to 1909.92. The phone operates over the entire PCS band as defined by blocks A thru E and C which ends at 1909.92. These frequencies match those defined by CFR47 Part 24.229. The ending frequency was entered incorrectly.

Panasonic

Matsushita Mobile Communications Development Corporation of U.S.A.

FCC ID: NWJ10A007A

Bette,

Can you please make these corrections to the 731 form for NWJ10A007A with confirmation number EA101138.

Thank you,
Pieter

NWJ10A007A Form 731 Corrections

Per requested changes and address changes:

1. Item 2. Line 1: - Ste. 2-400 should be Ste. 2-330
2. Item 4. Title : - Senior Systems Test Engineer should be Technical Group Leader
3. Item 4. Fax No: - BLANK should be 770-338-6253
4. Item 4. E-mail: - pseidel@panasonic.atlanta.com should be pseidel@panasonicatlanta.com
5. Item 5. Address Line 1: - Ste. 2-400 should be Ste. 2-330
6. Item 5. Mail Stop: - 2-400 should be 2-330
7. Item 6. Fax No: - 770 338 6210 should be 770 338 6253
8. Item 6. Address Line 1: - Ste. 2-400 should be Ste. 2-330
9. Item 7. Address Line 1: - Ste. 2-400 should be Ste. 2-330
10. Item 7. Fax No: - 770 338 6210 should be 770 338 6253
11. Item 12. SHOULD READ AS FOLLOWS. Changes are in **Bold**

Freq Range		RF output	Freq Tolerance		Emission designator
824.04	848.97	0.285	2.5	ppm	40K0F1D
824.04	848.97	0.285	2.5	ppm	40K0F8D
824.04	848.97	0.917	2.5	ppm	30K0DXW
1850.04	1909.92	0.664	200	Hz	256KDXW

Thank you,
Pieter