Model No. : PBS-CS47 Issue Date : October 6, 2003

FCC ID : AEZPBS-CS47 Issue Date : Octob

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# **Attachment B**

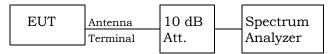
Antenna Conducted Spurious Emission Measurement (§2.1051,§24.238))

-Spurious Emission Except the harmonics frequency-

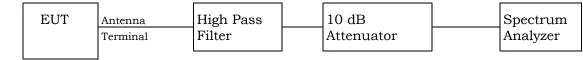
### **Test Procedure:**

The Antenna Conducted Emission was measured with a spectrum analyzer. The test system is shown as follows:

1) Frequency Range: 9kHz - 2.2GHz



2) Frequency Range: 2.2GHz - 6GHz



3) Frequency Range: 6GHz - 20GHz



Antenna Conducted Spurious Emission Measurement

#### **Test location:**

KITA-KANSAI Testing Center

7-7, Ishimaru, 1-Chome, Mino-Shi, Osaka, 562-0027, Japan

• - Shielded room

KAMEOKA EMC Branch

- 9-1, Ozaki, Inukanno, Nishibetsuin-Cho, Kameoka-Shi, Kyoto, 621-0126, Japan
- O Shielded room

## **Used test instruments:**

| Model No.               | Device ID   | Last Cal. Date | Cal. Interval |
|-------------------------|-------------|----------------|---------------|
| ○ - MP721C              | D - 66      |                |               |
| ● - 4T-10               | D - 73      | May, 2003      | 1 Year        |
| • - 4T-10               | D - 74      | May, 2003      | 1 Year        |
| <b>●</b> - 2-10         | D - 40      | July, 2003     | 1 Year        |
| O - 2-10                | D - 79      |                |               |
| O - 2-10                | D - 80      |                |               |
| ● - UHP-127             | D - 42      | May, 2003      | 1 Year        |
| ○ - UHP-128             | D - 43      |                |               |
| ● - 8566B               | A - 13      | February, 2003 | 1 Year        |
| ○ - 8593A               | A - 15      |                |               |
| • - DBL-0618N515        | A - 33      | May, 2003      | 1 Year        |
| ● - MZ5010C             | D - 81      | November, 2002 | 1 Year        |
| ● - 8673D               | B - 2       | April, 2003    | 1 Year        |
| <ul><li>Cable</li></ul> | C - 40 - 9  | June, 2003     | 1 Year        |
| ● - Cable               | C - 40 - 11 | May, 2003      | 1 Year        |
| ● - Cable               | C - 40 - 12 | May, 2003      | 1 Year        |
|                         |             |                |               |

#### **Environmental conditions:**

Temperature: 24 °C Humidity: 60 %

JQA Application No.: KL80030385 : CFR 47 FCC Rules Part 24 Regulation

Model No. : PBS-CS47 Issue Date : October 6, 2003

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#### Measurment Result:

The plot data is shown in the attachment.

Pages 3-11 : ANT 1 Pages 12-20 : ANT 2 Pages 21-29 : ANT 3 Pages 30-38 : ANT 4 Pages 39-47 : ANT 5 Pages 48-56 : ANT 6 Pages 57-65 : ANT 7 Pages 66-74 : ANT 8

The all spurious emission not listed in pages 40-48 of 63 in KL8030385 were found to be more than 20 dB below the limit.

## Sample Calculation:

# Transmitting Frequency: 1880.150 MHz at ANT1

| Frequency | Correction<br>Factor | Meter Readings (dBm) | Limits | Results (dBm) |
|-----------|----------------------|----------------------|--------|---------------|
| [MHz]     | [dB]                 |                      | (dBm)  |               |
| 3760.300  | 11.7                 | -59.9                | -13.0  | -48.2         |
| 5640.450  | 11.7                 | < -62.0              | -13.0  | < -50.3       |
| 7520.600  | -16.8                | -48.6                | -13.0  | -65.4         |
| 15041.200 | -16.1                | -47.2                | -13.0  | -63.3         |

Note: The Amp Gain, the attenuator loss and the cable loss are included in the correction factor.

#### Judgement procedure:

The sprious data is compared to the antenna conduced emisson level of the discrete frequeies of pages 40-48 of 62.

Model No. : PBS-CS47

Issue Date : October 6, 2003 FCC ID : AEZPBS-CS47

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**Antenna Conducted Spurious Emission Measurement** 

Ant terminal : ANT 1

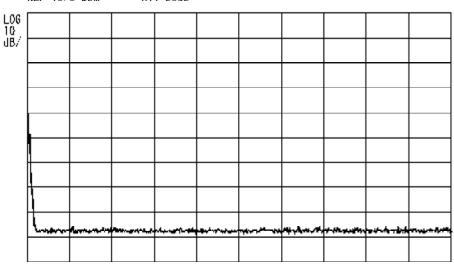
**Transmitting Frequency** : 1880.150 MHz (206 ch)

Frequency Range : 9kHz - 30 MHz

Antenna Conducted Spurious PBS-CS47 ANT1 1880, 15MHz (206CH) 9kHz-30MHz

Sunday Sep 21 2003 15:54:07

REF 10.0 DBM ATT 20dB



START 9. OOOkHz RBW 10.0kHz

VBW 30.0kHz

STOP 30.000MHz SWP 899, 7msec

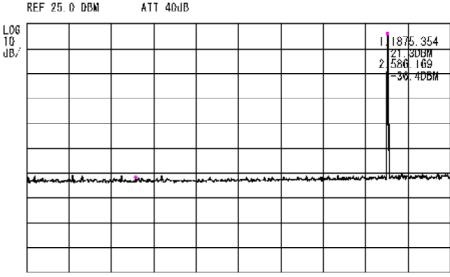
**Antenna Conducted Spurious Emission Measurement** 

Ant terminal : ANT 1

**Transmitting Frequency** : 1880.150 MHz (206 ch) Frequency Range : 30MHz - 2.2GHz

Antenna Conducted Spurious PBS-CS47 ANT1 1880, 15MHz (206CH) 30MHz-2, 2GMHz

Sunday Sep 21 2003 16:58:12



START 30, COOMHz RBW 1. OMHz

VBW 3.0MHz

STOP 2, 2006Hz SWP 54, 3msec

Model No. : PBS-CS47

Issue Date : October 6, 2003 FCC ID : AEZPBS-CS47

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**Antenna Conducted Spurious Emission Measurement** 

Ant terminal : ANT 1

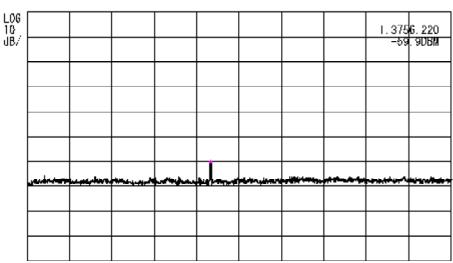
**Transmitting Frequency** : 1880.150 MHz (206 ch) Frequency Range : 2.2GHz - 5.8GHz

Antenna Conducted Spurious PBS-CS47 ANT1 1880, 15MHz (206CH) 2, 2GHz-5, 8GMHz

Sunday Sep 21 2003 18:12:07

REE O. O. DBM.

ATT 10dB



VBW 3.0MHz

**Antenna Conducted Spurious Emission Measurement** 

Ant terminal : ANT 1

START 2, 2006Hz

RBW 1. OMHz

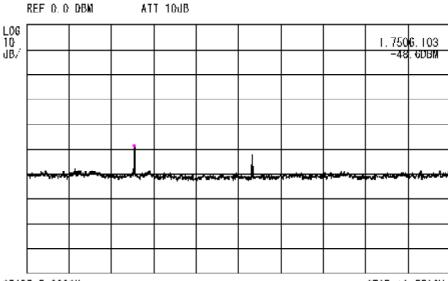
**Transmitting Frequency** : 1880.150 MHz (206 ch) Frequency Range : 5.8GHz - 12.55GHz

Antenna Conducted Spurious PBS-CS47 ANT1 1880, 15MHz (206CH) 5, 8GHz-12, 55GMHz

Monday Sep 22 2003 10:16:44

STOP 5, 800GHz

SWP 90.0msec



START 5, 8006Hz RBW 1. OMHz

VBW 3.0MHz

Model No. : PBS-CS47 FCC ID : AEZPBS-CS47

Issue Date : October 6, 2003

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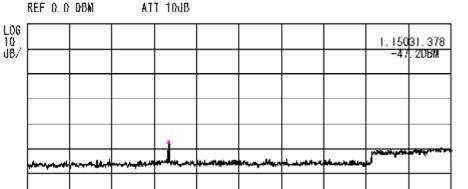
**Antenna Conducted Spurious Emission Measurement** 

Ant terminal : ANT 1

**Transmitting Frequency** : 1880.150 MHz (206 ch) Frequency Range : 12.55GHz - 20GHz

Antenna Conducted Spurious PBS-CS47 ANT1 1880, 15MHz (206CH) 12, 55GHz-20GMHz

Monday Sep 22 2003 11:39:54



START 12.5500Hz RBW 1.0MHz STOP 20.000GHz VBW 3.0MHz SWP 186, 3msec JQA Application No.: KL80030385 Regulation : CFR 47 FCC Rules Part 24 Issue Date : October 6, 2003

Model No. : PBS-CS47

FCC ID : AEZPBS-CS47

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**Antenna Conducted Spurious Emission Measurement** 

Ant terminal : ANT 1

**Transmitting Frequency** : 1894.850 MHz (255 ch)

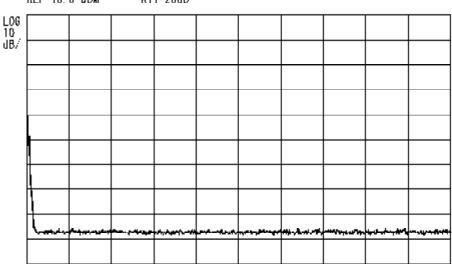
Frequency Range : 9kHz - 30 MHz

Antenna Conducted Spurious PBS-CS47 ANT1 1894, 85MHz (255CH) 9kHz-30MHz

Sunday Sep 21 2003 16:05:00

REF 10.0 DBM

ATT 20JB



START 9. COOKHZ RBW 10.0kHz

VBW 30.0kHz

STOP 30.000MHz SWP 899, 7msec

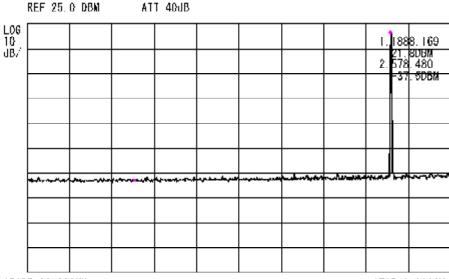
**Antenna Conducted Spurious Emission Measurement** 

Ant terminal : ANT 1

**Transmitting Frequency** : 1894.850 MHz (255 ch) Frequency Range : 30MHz - 2.2GHz

> Antenna Conducted Spurious PBS-CS47 ANT1 1894, 85MHz (255CH) 30MHz-2, 26MHz

Sunday Sep 21 2003 17:18:59



START 30, COOMHz RBW 1. OMHz

STOP 2, 2006Hz SWP 54.3msec VBW 3.0MHz

Model No. : PBS-CS47

Issue Date : October 6, 2003 FCC ID : AEZPBS-CS47

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**Antenna Conducted Spurious Emission Measurement** 

Ant terminal : ANT 1

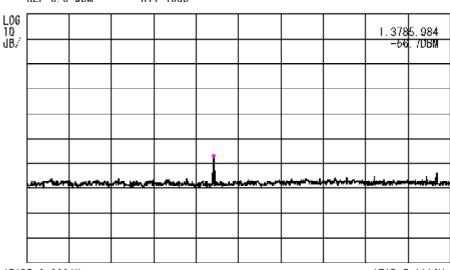
**Transmitting Frequency** : 1894.850 MHz (255 ch) Frequency Range : 2.2GHz - 5.8GHz

Antenna Conducted Spurious PBS-CS47 ANT1 1894, 85MHz (255CH) 2, 2GHz-5, 8GMHz

Sunday Sep 21 2003 18:35:09

REF 0.0 DBM

ATT 10JB



START 2, 2006Hz RBW 1. OMHz

VBW 3.0MHz

STOP 5, 800GHz SWP 90.0msec

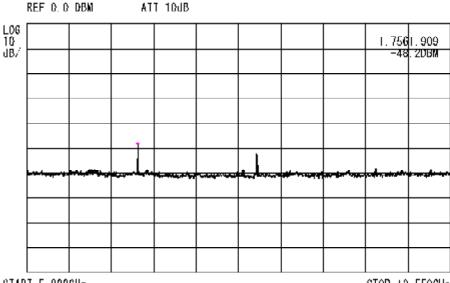
**Antenna Conducted Spurious Emission Measurement** 

Ant terminal : ANT 1

**Transmitting Frequency** : 1894.850 MHz (255 ch) Frequency Range : 5.8GHz - 12.55GHz

Antenna Conducted Spurious PBS-CS47 ANT1 1894, 85MHz (255CH) 5, 8GHz-12, 55GMHz

Monday Sep 22 2003 10:46:55



START 5, 800GHz RBW 1. OMHz

VBW 3.0MHz

JQA Application No.: KL80030385 : CFR 47 FCC Rules Part 24 Regulation

Model No. : PBS-CS47 FCC ID : AEZPBS-CS47

Issue Date : October 6, 2003

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**Antenna Conducted Spurious Emission Measurement** 

Ant terminal : ANT 1

**Transmitting Frequency** : 1894.850 MHz (255 ch) Frequency Range : 12.55GHz - 20GHz

Antenna Conducted Spurious PBS-CS47 ANT1 1894, 85MHz (255CH) 12, 55GHz-20GMHz

Monday Sep 22 2003 12:54:17

REF 0.0 DBM ATT 10dB L06 10 JB/ 1.15136.969 -49.70BM

8TART 12.5506Hz RBW 1. OMHz

VBW 3.0MHz

STOP 20.000GHz SWP 186, 3msec

Model No. : PBS-CS47

Issue Date : October 6, 2003 FCC ID : AEZPBS-CS47

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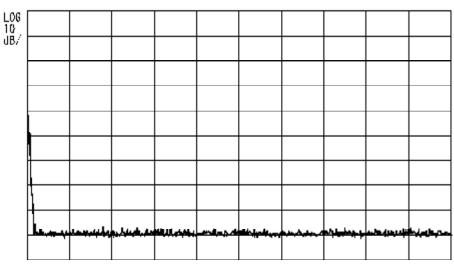
**Antenna Conducted Spurious Emission Measurement** 

Ant terminal : ANT 1

**Transmitting Frequency** : 1909.550 MHz (49 ch) Frequency Range : 9kHz - 30 MHz

Antenna Conducted Spurious PBS-CS47 ANT1 1909, 550MHz (49CH) 9kHz - 30MHz

> REF 10.0 DBM ATT 20dB



START 9. OOOkHz STOP 30.000MHz RBW 10.0kHz VBW 30.0kHz SWP 899, 7msec

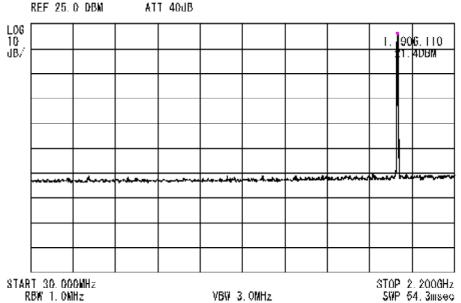
**Antenna Conducted Spurious Emission Measurement** 

Ant terminal : ANT 1

RBW 1. OMHz

Transmitting Frequency : 1909.550 MHz (49 ch) Frequency Range : 30MHz - 2.2GHz

Antenna Conducted Spurious PBS-CS47 ANT1 1909, 550MHz (49CH) 30MHz - 2, 2GHz



VBW 3.0MHz

Model No. : PBS-CS47 FCC ID : AEZPBS-CS47

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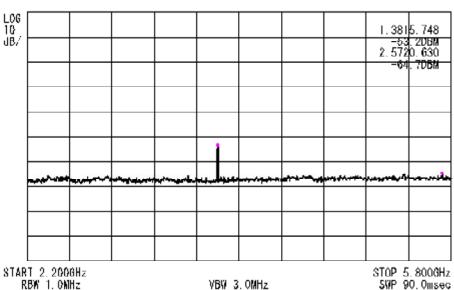
**Antenna Conducted Spurious Emission Measurement** 

: ANT 1 Ant terminal

**Transmitting Frequency** : 1909.550 MHz (49 ch) Frequency Range : 2.2GHz - 5.8GHz

Antenna Conducted Spurious PBS-CS47 ANT1 1909, 550MHz (49CH) 2, 2GHz - 5, 8GHz

> REF 0.0 DBM ATT 10JB



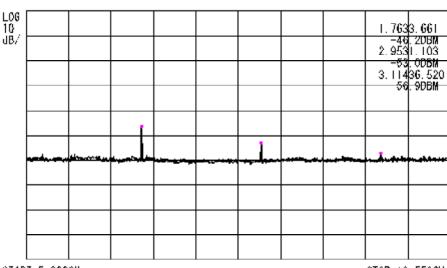
**Antenna Conducted Spurious Emission Measurement** 

Ant terminal : ANT 1

**Transmitting Frequency** : 1909.550 MHz (49 ch) Frequency Range : 5.8GHz - 12.55GHz

> Antenna Conducted Spurious PBS-CS47 ANT1 1909, 550MHz (49CH) 5, 8GHz - 12, 55GHz

REF 0.0 DBM ATT 10dB



START 5.8006Hz RBW 1. ONHz

Model No. : PBS-CS47 FCC ID : AEZPBS-CS47

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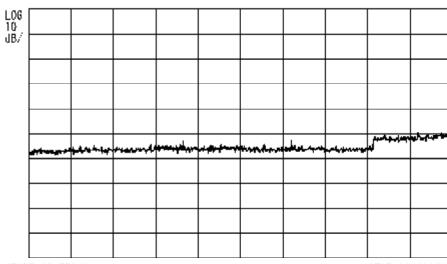
**Antenna Conducted Spurious Emission Measurement** 

Ant terminal : ANT 1

**Transmitting Frequency** : 1909.550 MHz (49 ch) Frequency Range : 12.55GHz - 20GHz

Antenna Conducted Spurious PBS-CS47 ANT1 1909, 550MHz (49CH) 12, 55GHz- 20GHz

> REF 0.0 DBM ATT 10dB



8TART 12.5506Hz RBW 1. OMHz

VBW 3.0MHz

STOP 20.000GHz SWP 186.3msec

Model No. : PBS-CS47

Issue Date : October 6, 2003 FCC ID : AEZPBS-CS47

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**Antenna Conducted Spurious Emission Measurement** 

Ant terminal : ANT 2

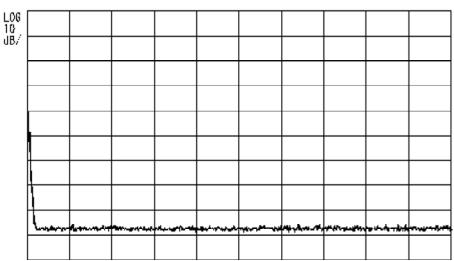
**Transmitting Frequency** : 1880.150 MHz (206 ch)

Frequency Range : 9kHz - 30 MHz

Antenna Conducted Spurious PBS-CS47 ANT2 1880, 15MHz (206CH) 9kHz-30MHz

Sunday Sep 21 2003 15:55:11

REF 10.0 DBM ATT 20dB



START 9. OOOkHz RBW 10.0kHz

VBW 30.0kHz

STOP 30.000MHz SWP 899, 7msec

**Antenna Conducted Spurious Emission Measurement** 

Ant terminal : ANT 2

**Transmitting Frequency** : 1880.150 MHz (206 ch) Frequency Range : 30MHz - 2.2GHz

Antenna Conducted Spurious PBS-CS47 ANT2 1880, 15MHz (206CH) 30MHz-2, 2GMHz

Sunday Sep 21 2003 16:59:43

REF 25.0 DBM ATT 40dB LOG 10 1,1877,917 20.606M 2 1014, 189 dB/

START 30. COOMHz RBW 1. OMHz

VBW 3.0MHz

STOP 2, 2006Hz SWP 54, 3msec

Model No. : PBS-CS47

Issue Date : October 6, 2003 FCC ID : AEZPBS-CS47

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**Antenna Conducted Spurious Emission Measurement** 

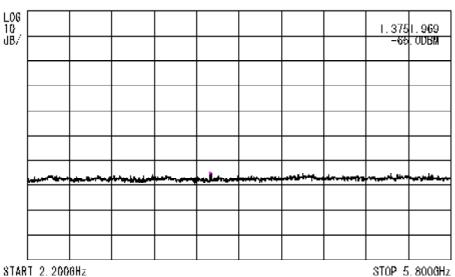
Ant terminal : ANT 2

**Transmitting Frequency** : 1880.150 MHz (206 ch) Frequency Range : 2.2GHz - 5.8GHz

Antenna Conducted Spurious PBS-CS47 ANT2 1880, 15MHz (206CH) 2, 2GHz-5, 8GMHz

Sunday Sep 21 2003 18:15:26

REF 0.0 DBM ATT 10dB



VBW 3.0MHz

RBW 1. OMHz **Antenna Conducted Spurious Emission Measurement** 

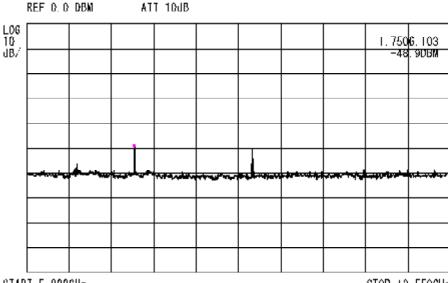
Ant terminal : ANT 2

**Transmitting Frequency** : 1880.150 MHz (206 ch) Frequency Range : 5.8GHz - 12.55GHz

Antenna Conducted Spurious PBS-CS47 ANT2 1880, 15MHz (206CH) 5, 8GHz-12, 55GMHz

Monday Sep 22 2003 10:20:45

SWP 90.0msec



START 5, 8006Hz RBW 1. OMHz

VBW 3.0MHz

Model No. : PBS-CS47 FCC ID : AEZPBS-CS47

Issue Date : October 6, 2003

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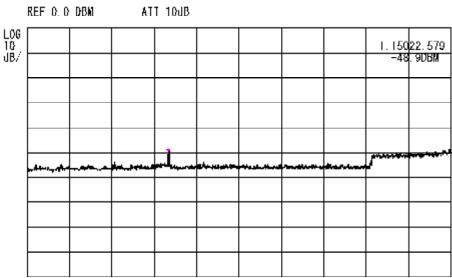
**Antenna Conducted Spurious Emission Measurement** 

Ant terminal : ANT 2

**Transmitting Frequency** : 1880.150 MHz (206 ch) Frequency Range : 12.55GHz - 20GHz

Antenna Conducted Spurious PBS-CS47 ANT2 1880, 15MHz (206CH) 12, 55GHz-20GMHz

Monday Sep 22 2003 11:41:27



START 12, 5506Hz RBW 1. OMHz

VBW 3.0MHz

STOP 20.000GHz SWP 186, 3msec

Model No. : PBS-CS47 FCC ID : AEZPBS-CS47

Issue Date : October 6, 2003

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**Antenna Conducted Spurious Emission Measurement** 

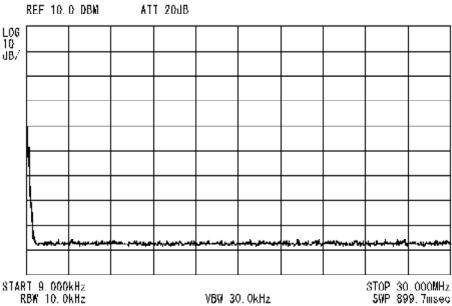
Ant terminal : ANT 2

**Transmitting Frequency** : 1894.850 MHz (255 ch)

Frequency Range : 9kHz - 30 MHz

> Antenna Conducted Spurious PBS-CS47 ANT2 1894, 85MHz (255CH) 9kHz-30MHz

Sunday Sep 21 2003 16:05:49



VBW 30, 0kHz

**Antenna Conducted Spurious Emission Measurement** 

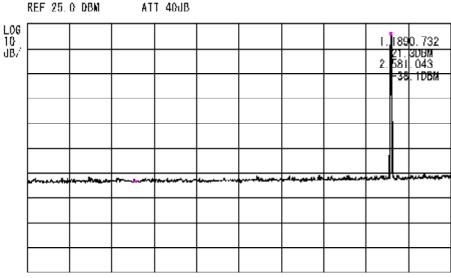
Ant terminal : ANT 2

RBW 10.0kHz

**Transmitting Frequency** : 1894.850 MHz (255 ch) Frequency Range : 30MHz - 2.2GHz

> Antenna Conducted Spurious PBS-CS47 ANT2 1894, 85MHz (255CH) 30MHz-2, 26MHz

Sunday Sep 21 2003 17:20:18



START 30, COOMHz RBW 1. OMHz

STOP 2, 2006Hz SWP 54.3msec VBW 3.0MHz

JQA Application No.: KL80030385 Regulation : CFR 47 FCC Rules Part 24 : October 6, 2003

Model No. : PBS-CS47 FCC ID : AEZPBS-CS47

Issue Date

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**Antenna Conducted Spurious Emission Measurement** 

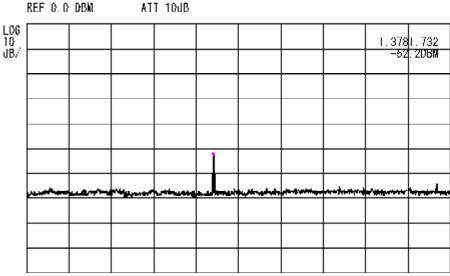
Ant terminal : ANT 2

**Transmitting Frequency** : 1894.850 MHz (255 ch) Frequency Range : 2.2GHz - 5.8GHz

Antenna Conducted Spurious PBS-CS47 ANT2 1894, 85MHz (255CH) 2, 2GHz-5, 8GMHz

Sunday Sep 21 2003 18:33:20

REF 0.0 DBM



START 2, 2006Hz RBW 1. OMHz

STOP 5, 800GHz SWP 90.0msec VBW 3.0MHz

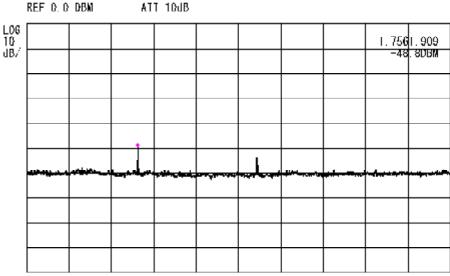
**Antenna Conducted Spurious Emission Measurement** 

Ant terminal : ANT 2

**Transmitting Frequency** : 1894.850 MHz (255 ch) Frequency Range : 5.8GHz - 12.55GHz

Antenna Conducted Spurious PBS-CS47 ANT2 1894, 85MHz (255CH) 5, 8GHz-12, 55GMHz

Monday Sep 22 2003 10:48:56



START 5, 800GHz RBW 1. OMHz

VBW 3.0MHz

JQA Application No.: KL80030385 : CFR 47 FCC Rules Part 24 Regulation

Model No. : PBS-CS47 FCC ID : AEZPBS-CS47

Issue Date : October 6, 2003

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**Antenna Conducted Spurious Emission Measurement** 

Ant terminal : ANT 2

**Transmitting Frequency** : 1894.850 MHz (255 ch) Frequency Range : 12.55GHz - 20GHz

Antenna Conducted Spurious PBS-CS47 ANT2 1894, 85MHz (255CH) 12, 55GHz-20GMHz

Monday Sep 22 2003 12:49:27

REF 0.0 DBM ATT 10dB L06 10 JB/ 1.15136.969 -49.50BM

8TART 12.5506Hz RBW 1. OMHz

VBW 3.0MHz

STOP 20.000GHz SWP 186, 3msec

Model No. : PBS-CS47

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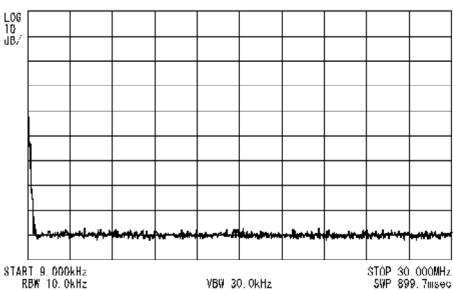
**Antenna Conducted Spurious Emission Measurement** 

Ant terminal : ANT 2

**Transmitting Frequency** : 1909.550 MHz (49 ch) Frequency Range : 9kHz - 30 MHz

Antenna Conducted Spurious PBS-CS47 ANT2 1909, 550MHz (49CH) 9kHz - 30MHz

> REF 10.0 DBM ATT 20JB

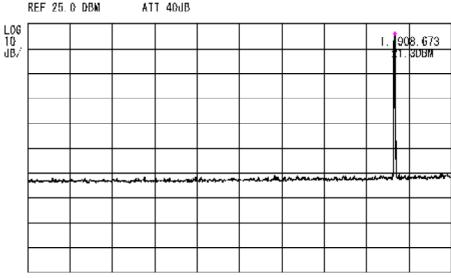


**Antenna Conducted Spurious Emission Measurement** 

Ant terminal : ANT 2

Transmitting Frequency : 1909.550 MHz (49 ch) Frequency Range : 30MHz - 2.2GHz

Antenna Conducted Spurious PBS-CS47 ANT2 1909, 550MHz (49CH) 30MHz - 2, 2GHz



START 30, COCMHz RBW 1. OMHz

VBW 3.0MHz

STOP 2, 2006Hz SWP 54, 3msec

Model No. : PBS-CS47

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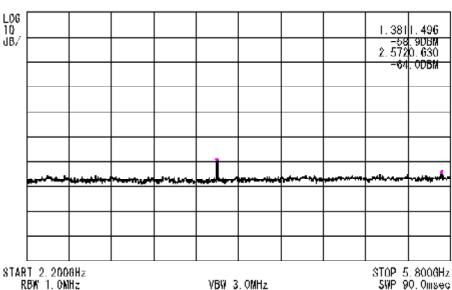
**Antenna Conducted Spurious Emission Measurement** 

Ant terminal : ANT 2

Transmitting Frequency : 1909.550 MHz (49 ch) Frequency Range : 2.2GHz - 5.8GHz

Antenna Conducted Spurious PBS-CS47 ANT2 1909, 550MHz (49CH) 2, 2GHz - 5, 8GHz

> REF 0.0 DBM ATT 10dB



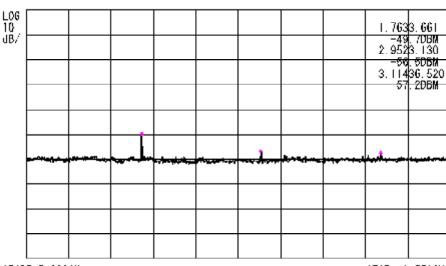
**Antenna Conducted Spurious Emission Measurement** 

Ant terminal : ANT 2

**Transmitting Frequency** : 1909.550 MHz (49 ch) Frequency Range : 5.8GHz - 12.55GHz

> Antenna Conducted Spurious PBS-CS47 ANT2 1909, 550MHz (49CH) 5, 8GHz - 12, 55GHz

> > REF 0.0 DBM ATT 10dB



START 5.8006Hz RBW 1. ONHz

VBW 3.0MHz

Model No. : PBS-CS47 FCC ID : AEZPBS-CS47

Issue Date : October 6, 2003

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**Antenna Conducted Spurious Emission Measurement** 

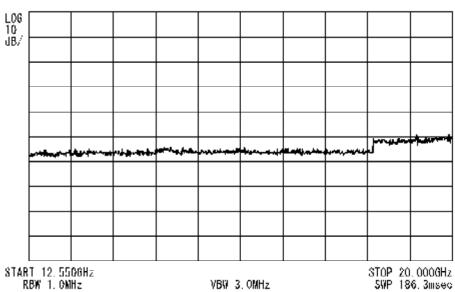
Ant terminal : ANT 2

RBW 1. OMHz

**Transmitting Frequency** : 1909.550 MHz (49 ch) Frequency Range : 12.55GHz - 20GHz

Antenna Conducted Spurious PBS-CS47 ANT2 1909, 550MHz (49CH) 12, 55GHz- 20GHz

> REF 0.0 DBM ATT 10dB



VBW 3.0MHz

Model No. : PBS-CS47

Issue Date : October 6, 2003 FCC ID : AEZPBS-CS47

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**Antenna Conducted Spurious Emission Measurement** 

Ant terminal : ANT 3

**Transmitting Frequency** : 1880.150 MHz (206 ch)

Frequency Range : 9kHz - 30 MHz

Antenna Conducted Spurious PBS-CS47 ANT3 1880, 15MHz (206CH) 9kHz-30MHz

Sunday Sep 21 2003 15:56:01

REF 10.0 DBM ATT 20JB L06 10 dB/

START 9. COOkHz RBW 10.0kHz

VBW 30, 0kHz

STOP 30.000MHz SWP 899, 7msec

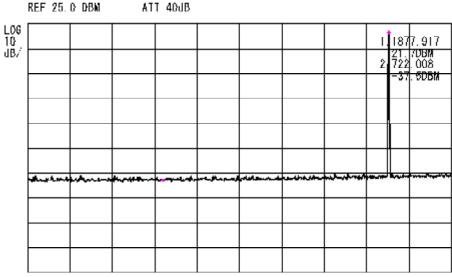
**Antenna Conducted Spurious Emission Measurement** 

Ant terminal : ANT 3

**Transmitting Frequency** : 1880.150 MHz (206 ch) Frequency Range : 30MHz - 2.2GHz

Antenna Conducted Spurious PBS-CS47 ANT3 1880, 15MHz (206CH) 30MHz-2, 2GMHz

Sunday Sep 21 2003 17:01:21



START 30. COOMHz RBW 1. OMHz

VBW 3.0MHz

STOP 2, 2006Hz SWP 54, 3msec

Model No. : PBS-CS47 FCC ID : AEZPBS-CS47

Issue Date : October 6, 2003

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**Antenna Conducted Spurious Emission Measurement** 

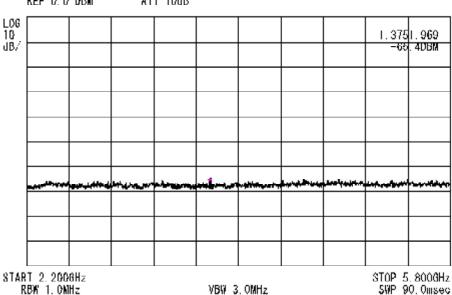
Ant terminal : ANT 3

**Transmitting Frequency** : 1880.150 MHz (206 ch) Frequency Range : 2.2GHz - 5.8GHz

Antenna Conducted Spurious PBS-CS47 ANT3 1880, 15MHz (206CH) 2, 2GHz-5, 8GMHz

Sunday Sep 21 2003 18:17:34

REF 0.0 DBM ATT 10dB



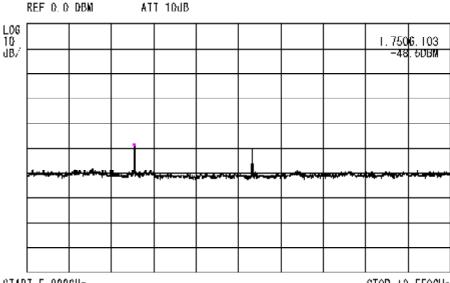
**Antenna Conducted Spurious Emission Measurement** 

Ant terminal : ANT 3

**Transmitting Frequency** : 1880.150 MHz (206 ch) : 5.8GHz - 12.55GHz Frequency Range

Antenna Conducted Spurious PBS-CS47 ANT3 1880, 15MHz (206CH) 5, 8GHz-12, 55GMHz

Monday Sep 22 2003 10:25:44



START 5, 800GHz RBW 1. OMHz

VBW 3.0MHz

JQA Application No.: KL80030385 Regulation : CFR 47 FCC Rules Part 24 Model No. : PBS-CS47 Issue Date : October 6, 2003

Model No. : PBS-CS47 FCC ID : AEZPBS-CS47

FCC ID : AEZPBS-CS47

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**Antenna Conducted Spurious Emission Measurement** 

Ant terminal : ANT 3

Transmitting Frequency : 1880.150 MHz (206 ch)
Frequency Range : 12.55GHz - 20GHz

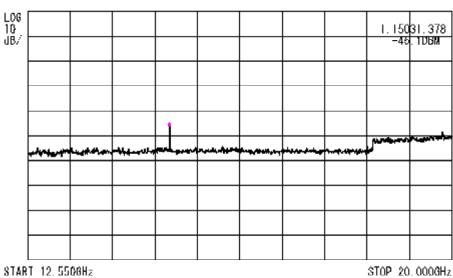
Antenna Conducted Spurious PBS-CS47 ANT3 1880.15MHz(206CH) 12.55GHz-20GMHz

Monday Sep 22 2003 11:43:00

50P 186, 3msec

REF 0.0 DBM ATT 10dB

RBW 1. OMHz



VBW 3. OMHz.

Model No. : PBS-CS47 FCC ID : AEZPBS-CS47

Issue Date : October 6, 2003

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**Antenna Conducted Spurious Emission Measurement** 

Ant terminal : ANT 3

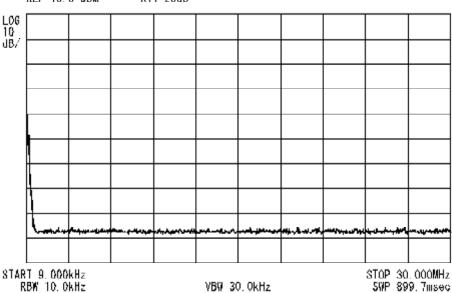
**Transmitting Frequency** : 1894.850 MHz (255 ch)

Frequency Range : 9kHz - 30 MHz

> Antenna Conducted Spurious PBS-CS47 ANT3 1894, 85MHz (255CH) 9kHz-30MHz

Sunday Sep 21 2003 16:06:36

REF 10.0 DBM ATT 20JB



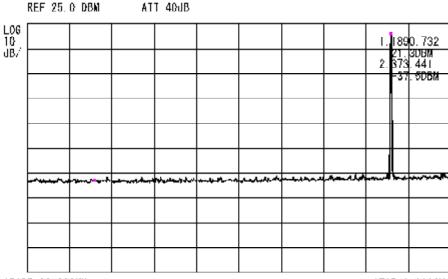
**Antenna Conducted Spurious Emission Measurement** 

Ant terminal : ANT 3

**Transmitting Frequency** : 1894.850 MHz (255 ch) Frequency Range : 30MHz - 2.2GHz

> Antenna Conducted Spurious PBS-CS47 ANT3 1894, 85MHz (255CH) 30MHz-2, 26MHz

Sunday Sep 21 2003 17:21:44



START 30, COOMHz RBW 1. OMHz

STOP 2, 2006Hz SWP 54.3msec VBW 3.0MHz

Model No. : PBS-CS47

Issue Date : October 6, 2003 FCC ID : AEZPBS-CS47

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**Antenna Conducted Spurious Emission Measurement** 

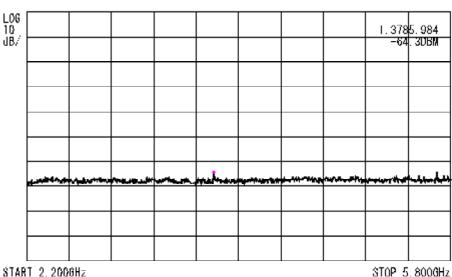
Ant terminal : ANT 3

**Transmitting Frequency** : 1894.850 MHz (255 ch) Frequency Range : 2.2GHz - 5.8GHz

Antenna Conducted Spurious PBS-CS47 ANT3 1894, 85MHz (255CH) 2, 2GHz-5, 8GMHz

Sunday Sep 21 2003 18:31:12

REF 0.0 DBM ATT 10JB



START 2, 2006Hz RBW 1. OMHz

VBW 3.0MHz

SWP 90.0msec

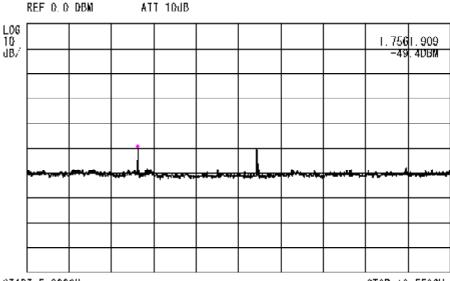
**Antenna Conducted Spurious Emission Measurement** 

Ant terminal : ANT 3

**Transmitting Frequency** : 1894.850 MHz (255 ch) Frequency Range : 5.8GHz - 12.55GHz

Antenna Conducted Spurious PBS-CS47 ANT3 1894, 85MHz (255CH) 5, 8GHz-12, 55GMHz

Monday Sep 22 2003 10:50:28



START 5, 800GHz RBW 1. OMHz

VBW 3.0MHz

JQA Application No.: KL80030385 : CFR 47 FCC Rules Part 24 Regulation

Model No. : PBS-CS47 FCC ID : AEZPBS-CS47

Issue Date : October 6, 2003

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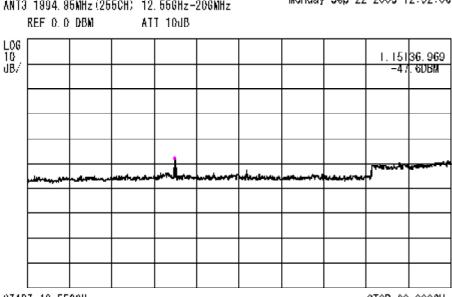
**Antenna Conducted Spurious Emission Measurement** 

Ant terminal : ANT 3

**Transmitting Frequency** : 1894.850 MHz (255 ch) Frequency Range : 12.55GHz - 20GHz

Antenna Conducted Spurious PBS-CS47 ANT3 1894,86MHz(255CH) 12,556Hz-20GMHz

Monday Sep 22 2003 12:52:06



8TART 12.5506Hz RBW 1. OMHz

VBW 3.0MHz

STOP 20.000GHz SWP 186, 3msec

Model No. : PBS-CS47

Issue Date : October 6, 2003 FCC ID : AEZPBS-CS47

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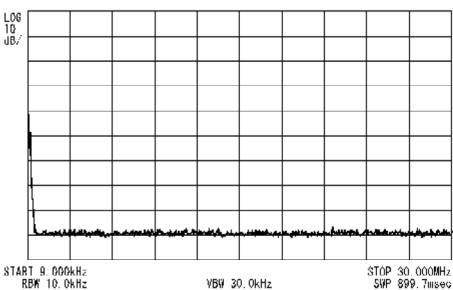
**Antenna Conducted Spurious Emission Measurement** 

Ant terminal : ANT 3

**Transmitting Frequency** : 1909.550 MHz (49 ch) Frequency Range : 9kHz - 30 MHz

Antenna Conducted Spurious PBS-CS47 ANT3 1909, 550MHz (49CH) 9kHz - 30MHz

> REF 10.0 DBM ATT 20JB



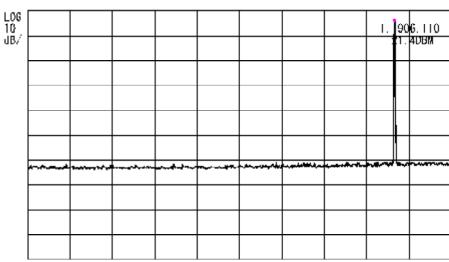
**Antenna Conducted Spurious Emission Measurement** 

Ant terminal : ANT 3

Transmitting Frequency : 1909.550 MHz (49 ch) Frequency Range : 30MHz - 2.2GHz

Antenna Conducted Spurious PBS-CS47 ANT3 1909, 550MHz (49CH) 30MHz - 2, 2GHz

> REF 25.0 DBM ATT 40dB



START 30, COCMHz RBW 1. OMHz

VBW 3.0MHz

STOP 2, 2006Hz SWP 54, 3msec

Model No. : PBS-CS47 FCC ID : AEZPBS-CS47

Issue Date : October 6, 2003

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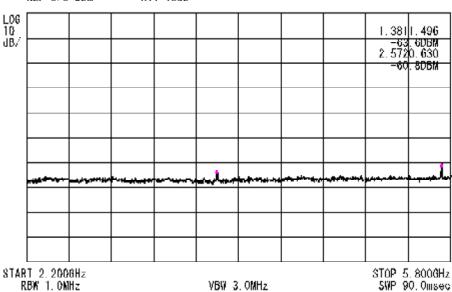
**Antenna Conducted Spurious Emission Measurement** 

Ant terminal : ANT 3

Transmitting Frequency : 1909.550 MHz (49 ch) Frequency Range : 2.2GHz - 5.8GHz

Antenna Conducted Spurious PBS-CS47 ANT3 1909, 550MHz (49CH) 2, 2GHz - 5, 8GHz

> REF 0.0 DBM ATT 10dB



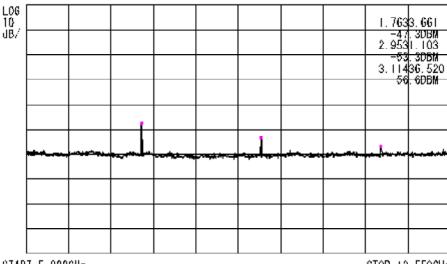
**Antenna Conducted Spurious Emission Measurement** 

Ant terminal : ANT 3

**Transmitting Frequency** : 1909.550 MHz (49 ch) Frequency Range : 5.8GHz - 12.55GHz

> Antenna Conducted Spurious PBS-CS47 ANT3 1909, 550MHz (49CH) 5, 8GHz - 12, 55GHz

> > REF 0.0 DBM ATT 10dB



START 5.8006Hz RBW 1. ONHz

VBW 3.0MHz

STOP 12, 550GHz SWP 168, 8msec

Model No. : PBS-CS47 FCC ID : AEZPBS-CS47

Issue Date : October 6, 2003

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**Antenna Conducted Spurious Emission Measurement** 

Ant terminal : ANT 3

**Transmitting Frequency** : 1909.550 MHz (49 ch) Frequency Range : 12.55GHz - 20GHz

Antenna Conducted Spurious PBS-CS47 ANT3 1909, 550MHz (49CH) 12, 55GHz- 20GHz

> REF 0.0 DBM ATT 10dB

