

**Attachment A**

**Occupied Bandwidth Measurement**

Test Date: September 14, 2003

Temp.: 23 °C ; Humi.: 60 %

1)Ant teminal : ANT1

CH	Transmitting	26dB	Data
No.	Frequency(MHz)	Bandwidth	Page
206	1880.150	283 kHz	Page 2
255	1894.850	282 kHz	Page 3
49	1909.550	283 kHz	Page 4

2)Ant teminal : ANT2

CH	Transmitting	26dB	Data
No.	Frequency(MHz)	Bandwidth	Page
206	1880.150	283 kHz	Page 5
255	1894.850	284 kHz	Page 6
49	1909.550	283 kHz	Page 7

3)Ant teminal : ANT3

CH	Transmitting	26dB	Data
No.	Frequency(MHz)	Bandwidth	Page
206	1880.150	283 kHz	Page 8
255	1894.850	284 kHz	Page 9
49	1909.550	282 kHz	Page 10

4)Ant teminal : ANT4

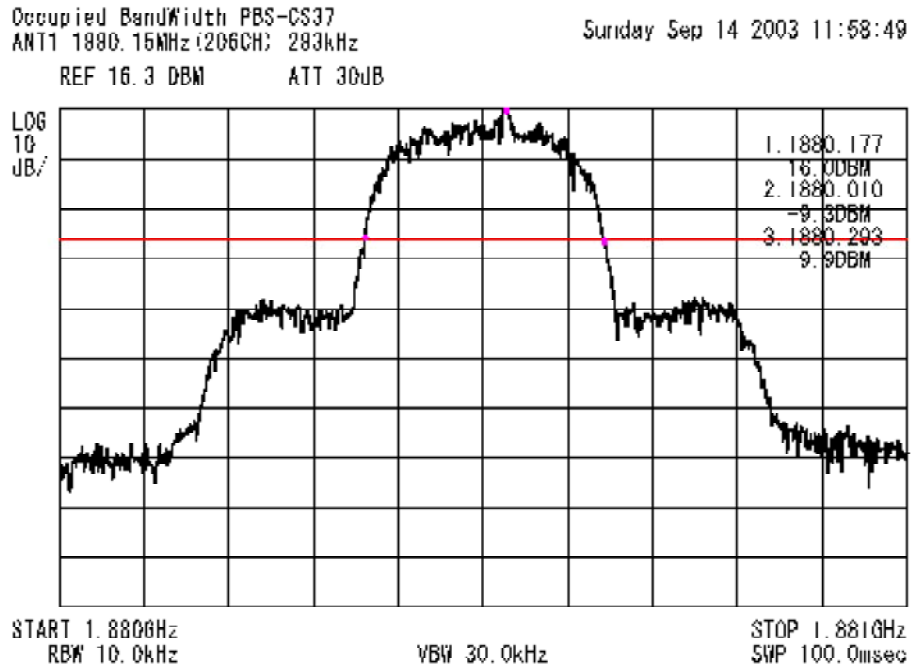
CH	Transmitting	26dB	Data
No.	Frequency(MHz)	Bandwidth	Page
206	1880.150	285 kHz	Page 11
255	1894.850	286 kHz	Page 12
49	1909.550	284 kHz	Page 13

Note) The point shown on " \_\_\_\_\_ " is the Maximum Point.

Tester : Shigeru Kinoshita

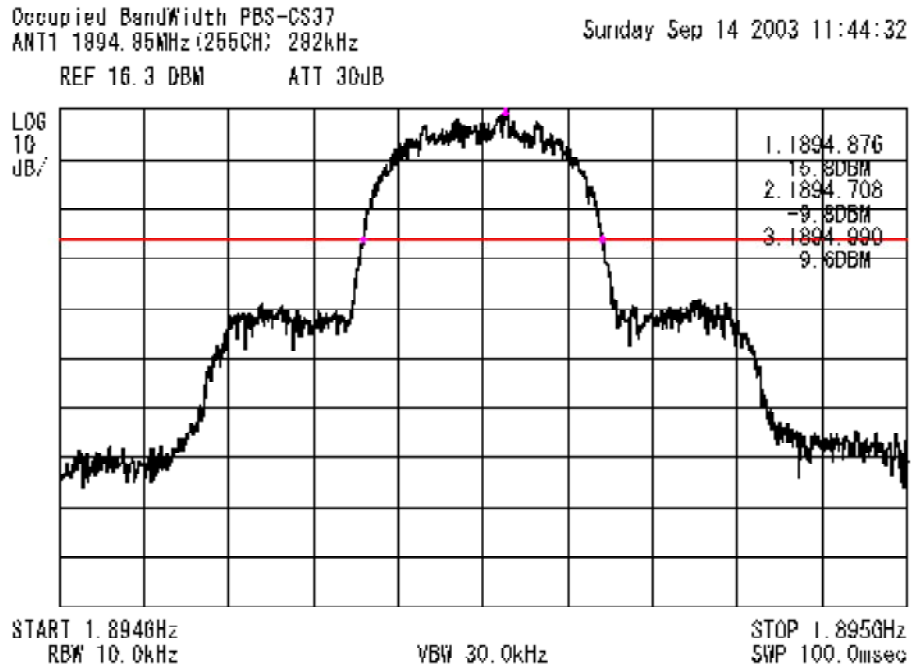
**Occupied Bandwidth Measurement**

Ant terminal : ANT 1  
Transmitting Frequency : 1880.150 MHz (206 ch)



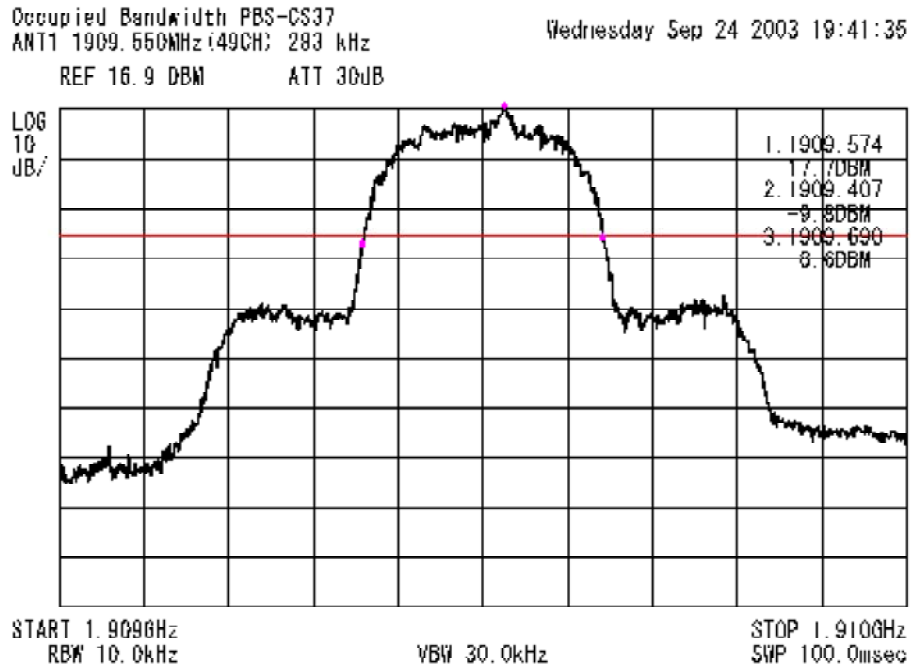
**Occupied Bandwidth Measurement**

Ant terminal : ANT 1  
Transmitting Frequency : 1894.850 MHz (255 ch)



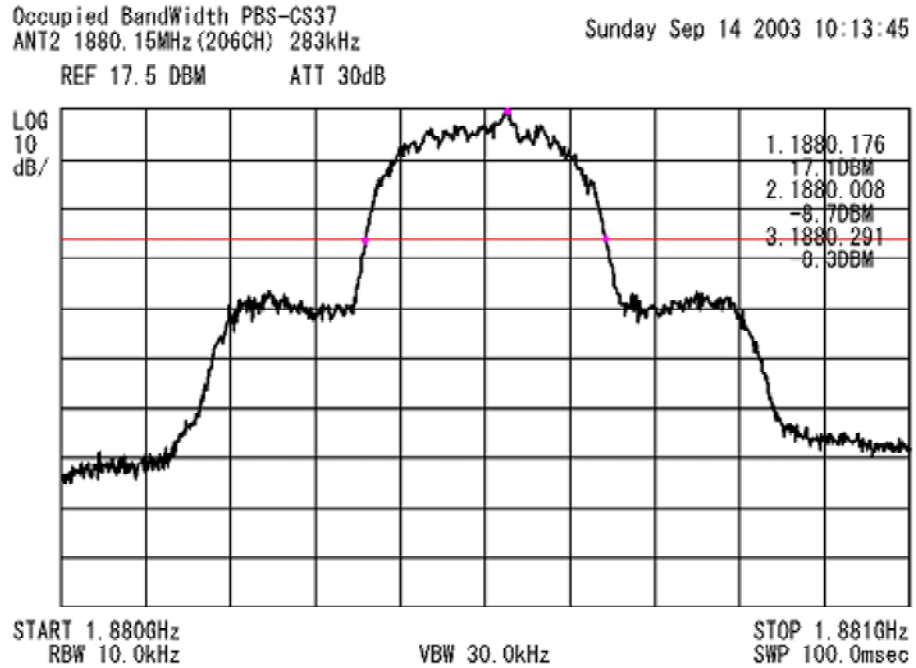
**Occupied Bandwidth Measurement**

Ant terminal : ANT 1  
Transmitting Frequency : 1909.550 MHz (49 ch)



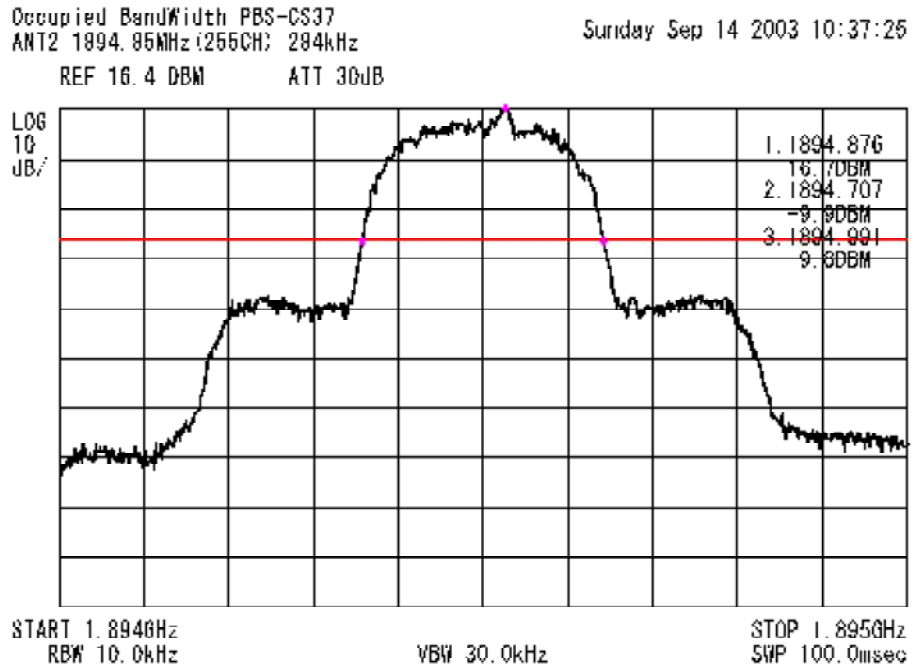
**Occupied Bandwidth Measurement**

Ant terminal : ANT 2  
Transmitting Frequency : 1880.150 MHz (206 ch)



**Occupied Bandwidth Measurement**

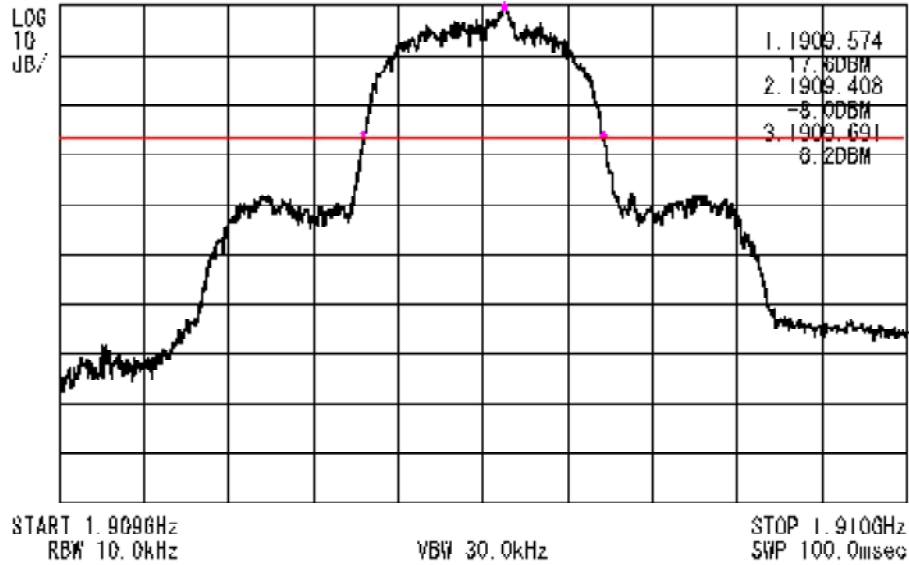
Ant terminal : ANT 2  
Transmitting Frequency : 1894.850 MHz (255 ch)



**Occupied Bandwidth Measurement**

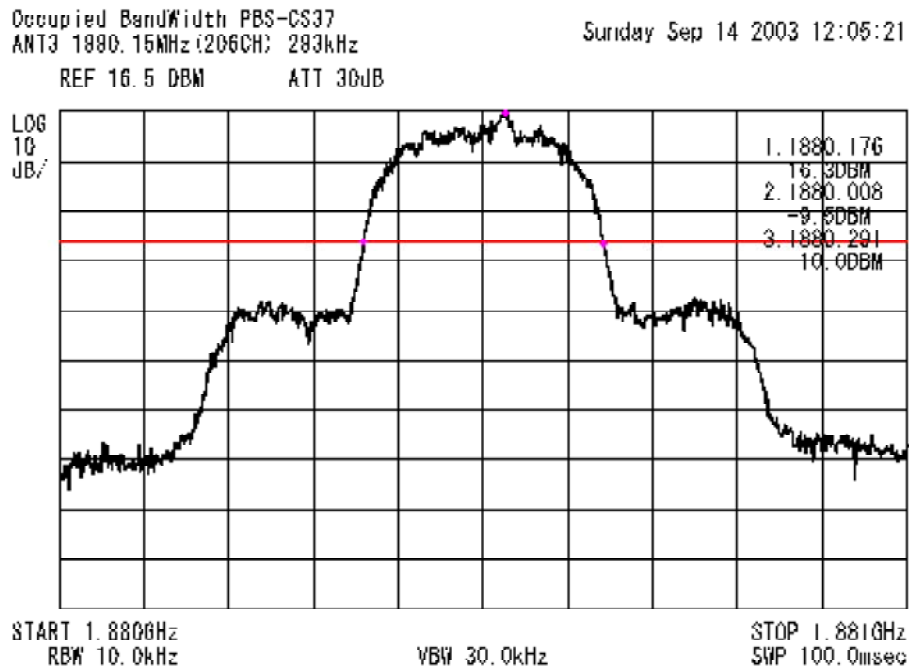
Ant terminal : ANT 2  
Transmitting Frequency : 1909.550 MHz (49 ch)

Occupied Bandwidth PBS-CS37  
ANT2 1909.550MHz (49CH) 283 kHz  
REF 17.7 DBM ATT 30dB  
Wednesday Sep 24 2003 19:50:41



**Occupied Bandwidth Measurement**

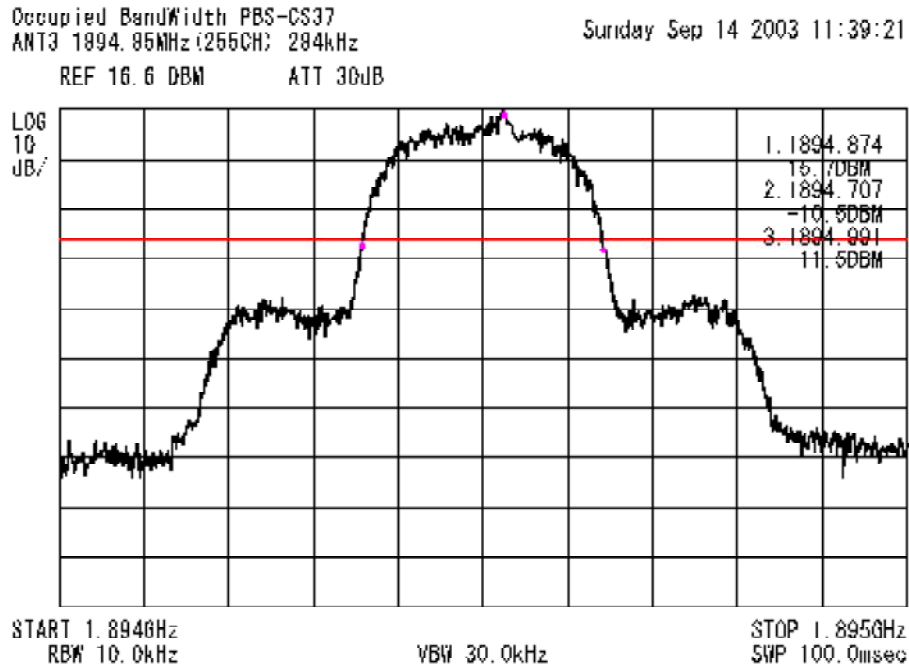
Ant terminal : ANT 3  
Transmitting Frequency : 1880.150 MHz (206 ch)





**Occupied Bandwidth Measurement**

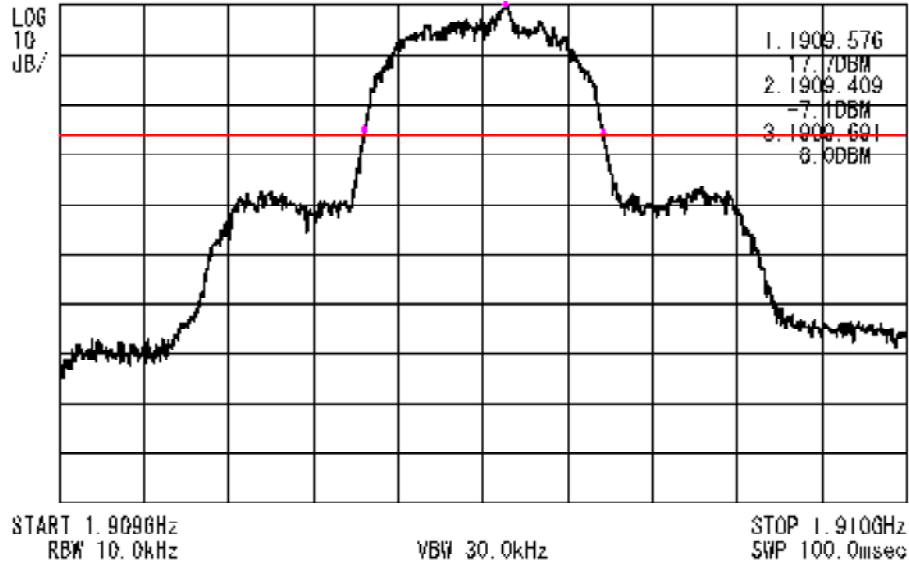
Ant terminal : ANT 3  
Transmitting Frequency : 1894.850 MHz (255 ch)



**Occupied Bandwidth Measurement**

Ant terminal : ANT 3  
Transmitting Frequency : 1909.550 MHz (49 ch)

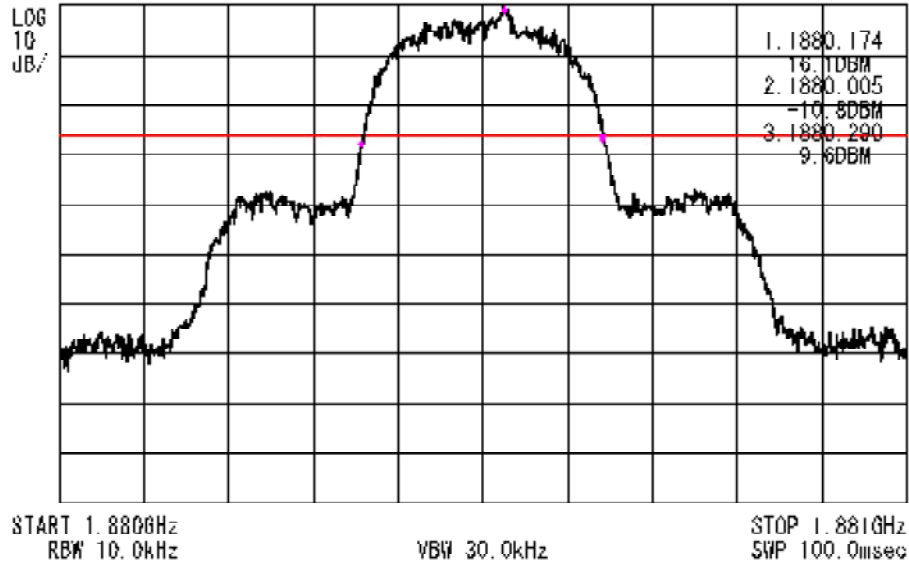
Occupied Bandwidth PBS-CS37  
ANT3 1909.550MHz(49CH): 282 kHz  
REF 17.5 DBM ATT 30dB  
Wednesday Sep 24 2003 19:55:52



**Occupied Bandwidth Measurement**

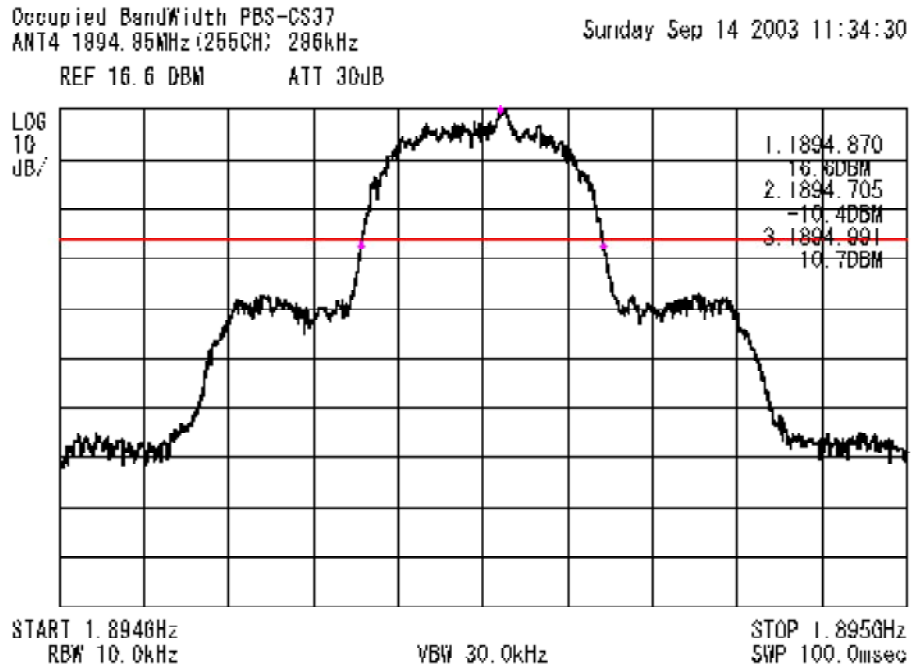
Ant terminal : ANT 4  
Transmitting Frequency : 1880.150 MHz (206 ch)

Occupied Bandwidth PBS-CS37  
ANT4 1880.15MHz (206CH) 285kHz  
REF 16.9 DBM ATT 30dB  
Sunday Sep 14 2003 12:09:40



**Occupied Bandwidth Measurement**

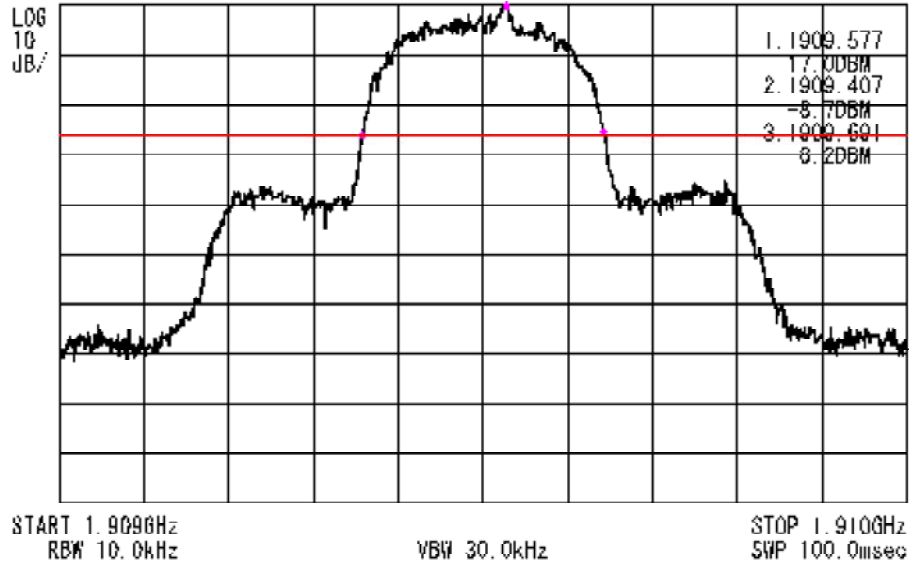
Ant terminal : ANT 4  
Transmitting Frequency : 1894.850 MHz (255 ch)



**Occupied Bandwidth Measurement**

Ant terminal : ANT 4  
Transmitting Frequency : 1909.550 MHz (49 ch)

Occupied Bandwidth PBS-CS37  
ANT4 1909.550MHz(49CH): 284 kHz  
REF 17.1 DBM ATT 30dB  
Wednesday Sep 24 2003 20:00:30



## Band-Edge Emission Measurement

Test Date: September 14, 2003

Temp.: 23 °C ; Humi.: 60 %

### 1) Low Band-Edge Measurement

Ant terminal	Transmitting Frequency(MHz)	Band-Edge Frequency(MHz)	Band-Edge Level[dBc]	Data Page
ANT 1	1880.150	1870.000	-84.7	Page 15
ANT 2	1880.150	1870.000	-80.4	Page 16
ANT 3	1880.150	1870.000	-82.7	Page 17
ANT 4	1880.150	1870.000	-82.5	Page 18

### 2) High Band-Edge Measurement

Ant terminal	Transmitting Frequency(MHz)	Band-Edge Frequency(MHz)	Band-Edge Level[dBc]	Data Page
ANT 1	1909.550	1910.000	-70.5	Page 19
ANT 2	1909.550	1910.000	-67.5	Page 20
ANT 3	1909.550	1910.000	-67.5	Page 21
ANT 4	1909.550	1910.000	-71.0	Page 22

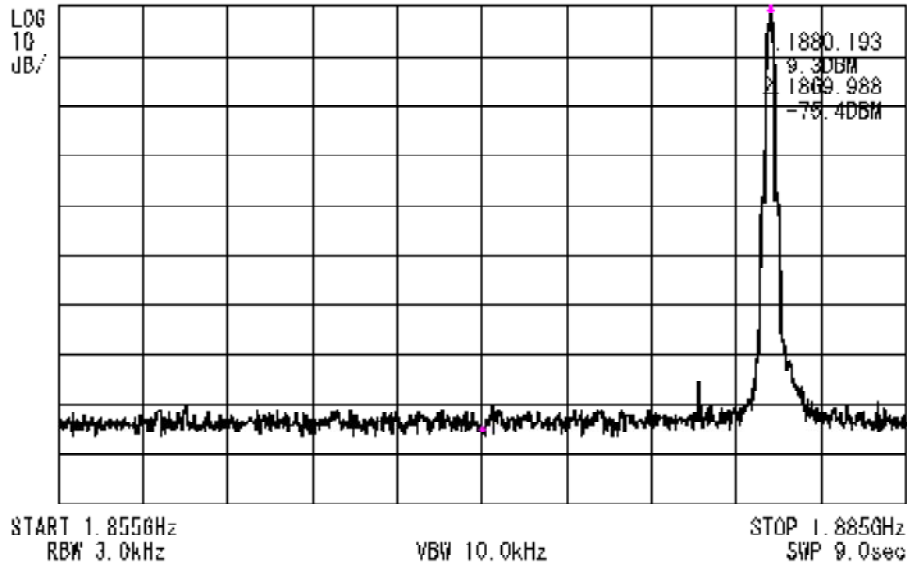
Note) The point shown on " \_\_\_\_\_ " is the Maximum Point.

Tester : Shigeru Kinoshita

**Band-Edge Emission Measurement**

Ant terminal : ANT 1  
Transmitting Frequency : 1880.150 MHz (206 ch)  
Band-Edge Frequency : 1870.000 MHz

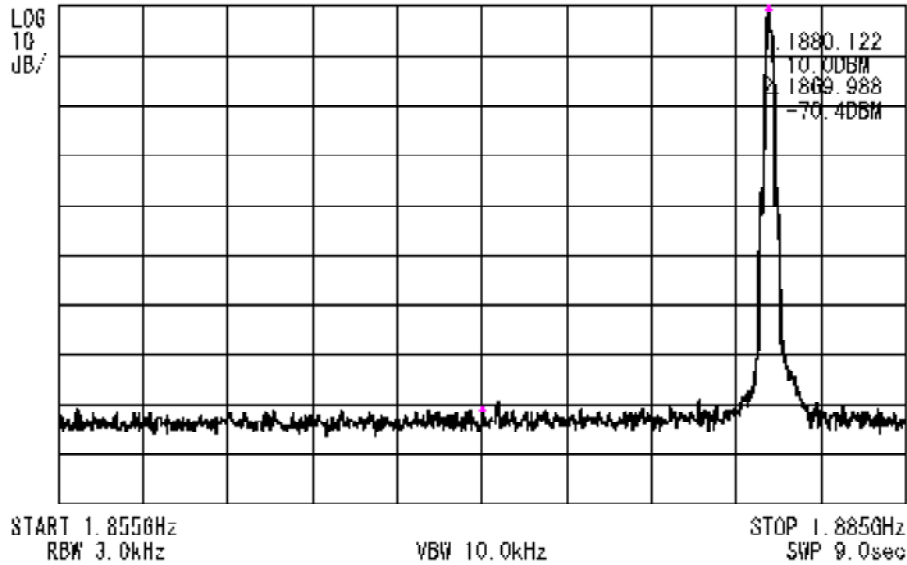
Band-Edge PBS-CS37  
ANT1 1880.150MHz (206CH) -84.7dBu at 1870.0MHz  
REF 9.8 DBM ATT 30dB  
2003/10/05 10:28:16



**Band-Edge Emission Measurement**

Ant terminal : ANT 2  
Transmitting Frequency : 1880.150 MHz (206 ch)  
Band-Edge Frequency : 1870.000 MHz

Band-Edge PBS-CS37  
ANT2 1880.150MHz (206CH) -80.4dBu at 1870.0MHz 2003/10/05 10:28:16  
REF 10.5 DBM ATT 30dB

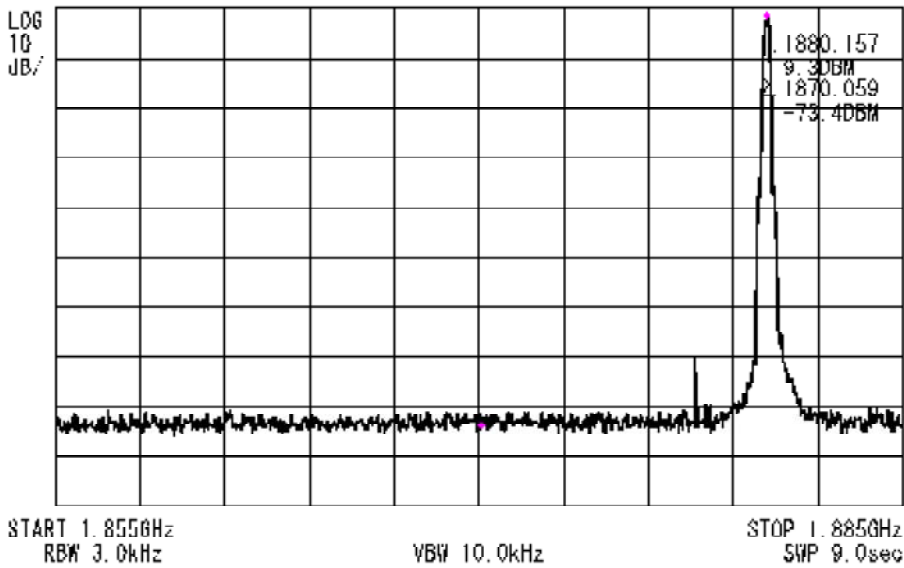




**Band-Edge Emission Measurement**

Ant terminal : ANT 3  
Transmitting Frequency : 1880.150 MHz (206 ch)  
Band-Edge Frequency : 1870.000 MHz

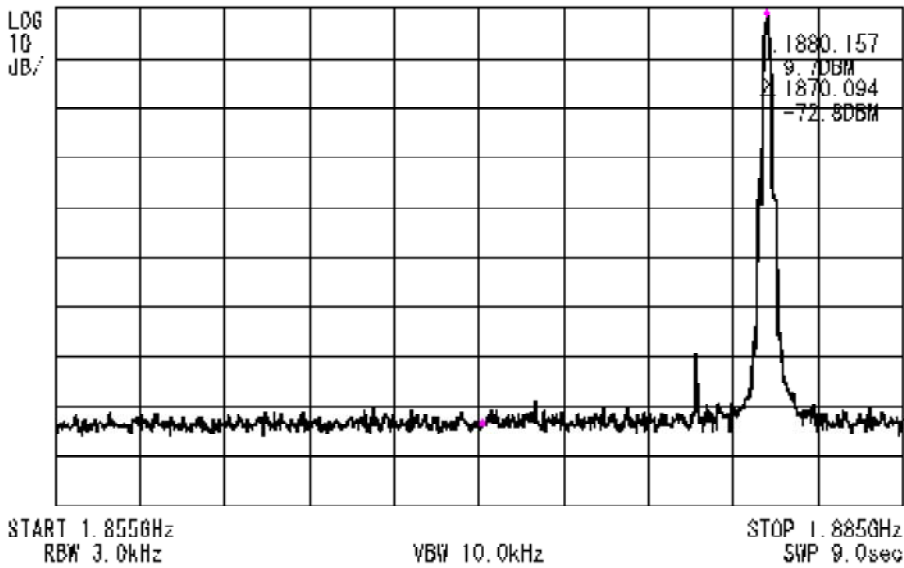
Band-Edge PBS-CS37  
ANT3 1880.150MHz(206CH) -92.7dBc at 1870.0MHz  
REF 10.5 DBM ATT 30dB 2003/10/05 10:28:16



**Band-Edge Emission Measurement**

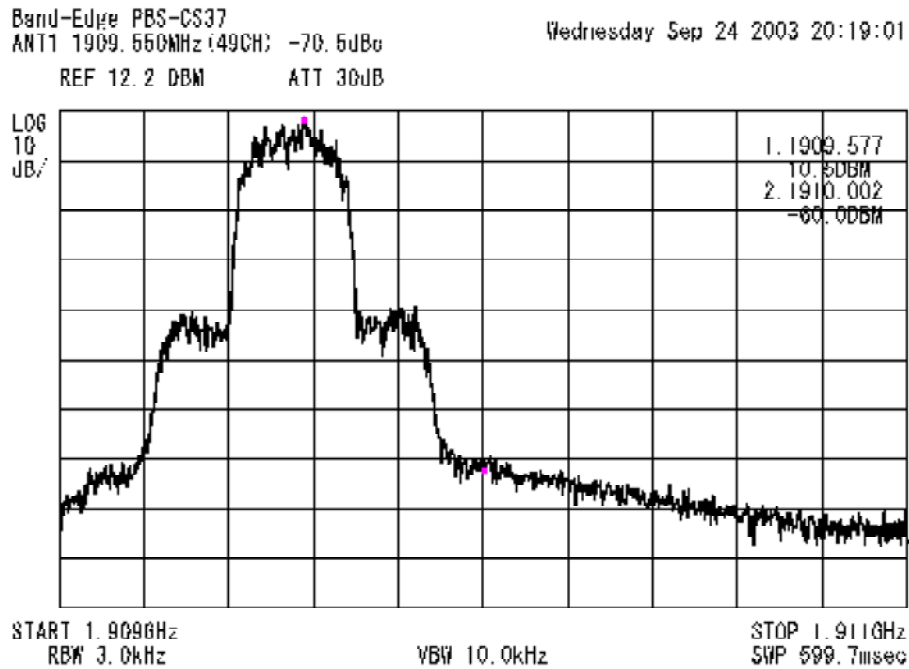
Ant terminal : ANT 4  
Transmitting Frequency : 1880.150 MHz (206 ch)  
Band-Edge Frequency : 1870.000 MHz

Band-Edge PBS-CS37  
ANT4 1880.150MHz (206CH) -92.5dBc at 1870.0MHz  
REF 10.5 DBM ATT 30dB 2003/10/05 10:28:16



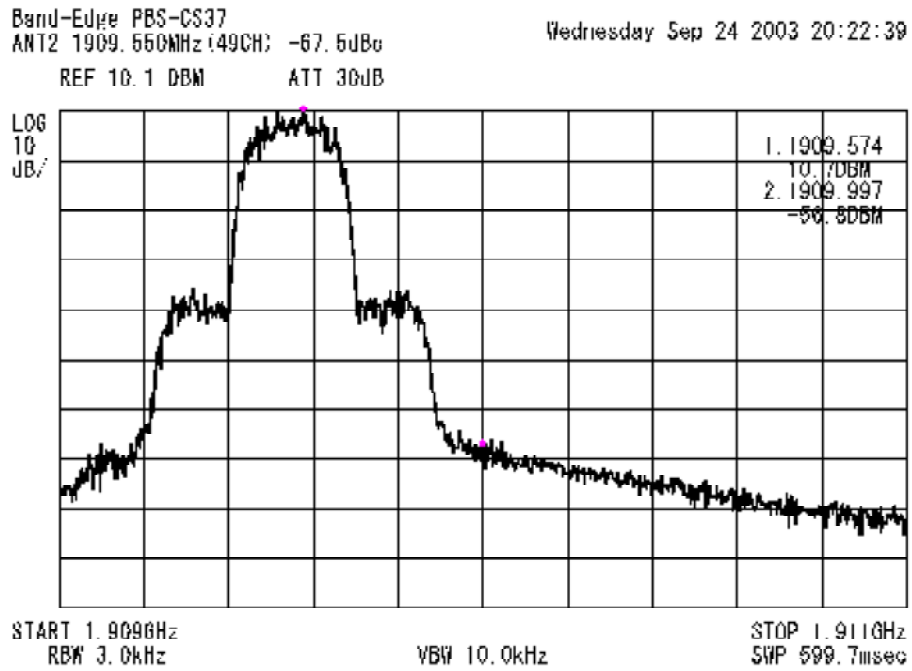
**Band-Edge Emission Measurement**

Ant terminal : ANT 1  
Transmitting Frequency : 1909.550 MHz (49 ch)  
Band-Edge Frequency : 1910.000 MHz



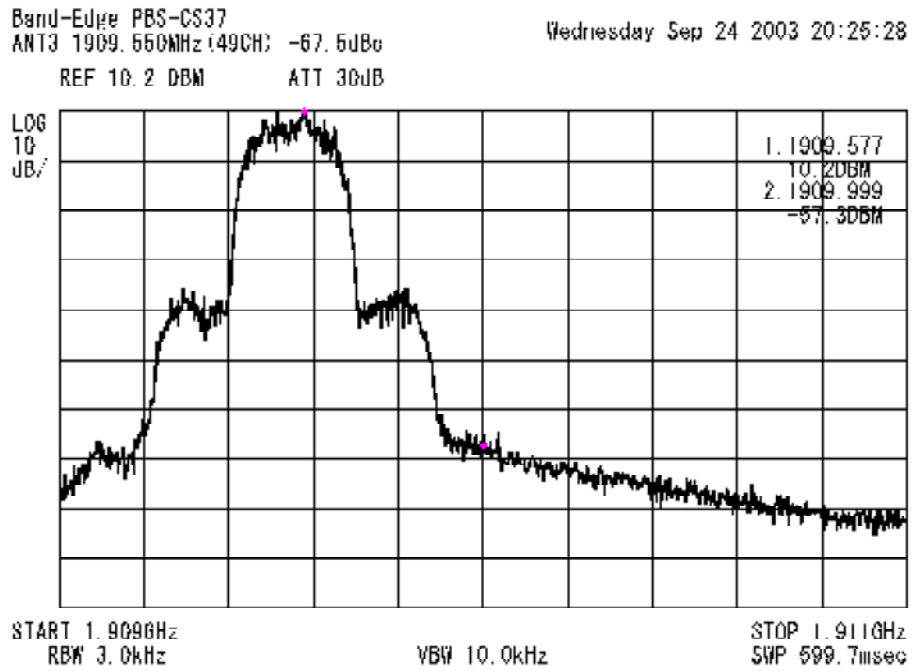
**Band-Edge Emission Measurement**

Ant terminal : ANT 2  
Transmitting Frequency : 1909.550 MHz (49 ch)  
Band-Edge Frequency : 1910.000 MHz



**Band-Edge Emission Measurement**

Ant terminal : ANT 3  
Transmitting Frequency : 1909.550 MHz (49 ch)  
Band-Edge Frequency : 1910.000 MHz



**Band-Edge Emission Measurement**

Ant terminal : ANT 4  
Transmitting Frequency : 1909.550 MHz (49 ch)  
Band-Edge Frequency : 1910.000 MHz

