

## Antenna-Conducted Spurious Emission Measurement

Antenna Terminal : ANT4

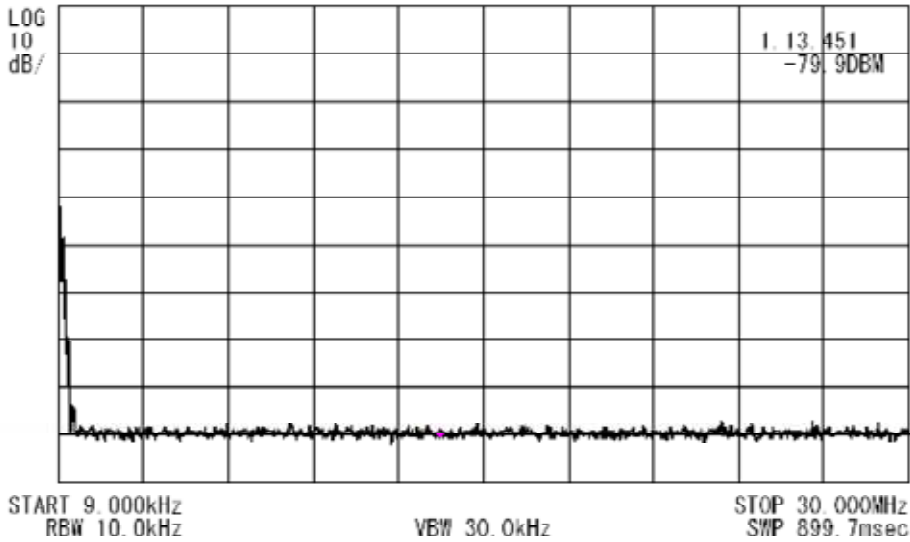
Test Date: March 18, 2004  
Temp.: 22 °C, Humi: 48 %

CH	Transmitting Frequency [MHz]	Measured Frequency [MHz]	Corr. Factor [dB]	Meter Readings [dBm]	Limits [dBm]	Results [dBm]	Margin [dB]	Remarks
206	1880.150	3760.300	-19.4	-12.5	-13.0	-31.9	+18.9	C
		5640.450	-20.7	-33.5	-13.0	-54.2	+41.2	C
		7520.600	-9.7	-54.3	-13.0	-64.0	+51.0	C
		9400.750	-10.0	-34.6	-13.0	-44.6	+31.6	C
		11280.900	-10.5	-52.1	-13.0	-62.6	+49.6	C
		13161.050	-10.3	-58.1	-13.0	-68.4	+55.4	C
		15041.200	-10.7	-52.5	-13.0	-63.2	+50.2	C
255	1894.850	3789.700	-19.9	-10.2	-13.0	-30.1	+17.1	C
		5684.550	-20.2	-29.9	-13.0	-50.1	+37.1	C
		7579.400	-9.7	-52.4	-13.0	-62.1	+49.1	C
		9474.250	-10.1	-31.8	-13.0	-41.9	+28.9	C
		11369.100	-10.0	-45.1	-13.0	-55.1	+42.1	C
		13263.950	-10.6	-58.7	-13.0	-69.3	+56.3	C
		15158.800	-10.6	-55.1	-13.0	-65.7	+52.7	C
49	1909.550	3819.100	-19.4	-9.2	-13.0	-28.6	+15.6	C
		5728.650	-19.7	-28.8	-13.0	-48.5	+35.5	C
		7638.200	-10.2	-49.4	-13.0	-59.6	+46.6	C
		9547.750	-10.3	-31.3	-13.0	-41.6	+28.6	C
		11457.300	-10.5	-47.0	-13.0	-57.5	+44.5	C
		13366.850	-10.6	-59.8	-13.0	-70.4	+57.4	C
		15276.400	-10.5	-57.5	-13.0	-68.0	+55.0	C
		17185.950	-10.5	-58.1	-13.0	-68.6	+55.6	C

**Antenna Conducted Spurious Emission Measurement**

Ant terminal : ANT 4  
Transmitting Frequency : 1880.150 MHz (206 ch)  
Frequency Range : 9kHz - 30 MHz

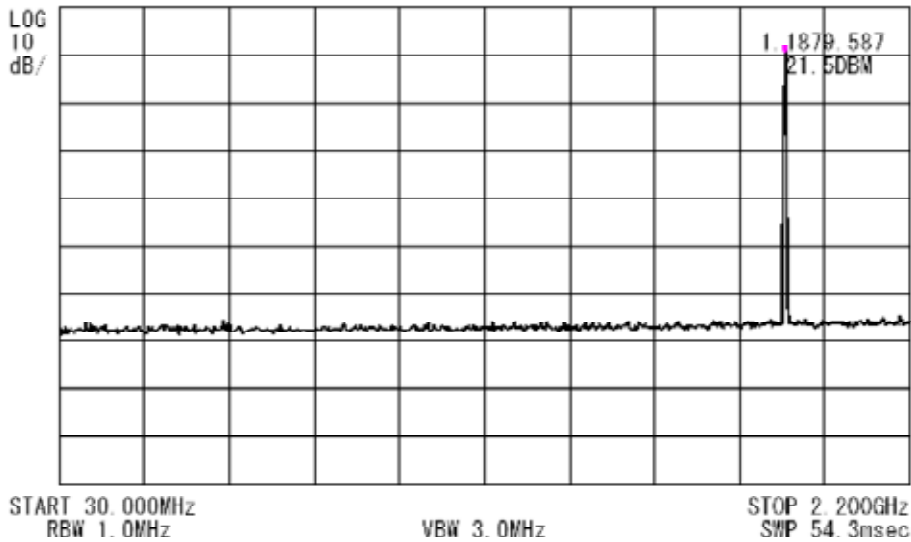
Antenna Conducted Spurious Emission  
ANT4 1880.150MHz (206ch) 9kHz-30MHz  
REF 10.0 DBM ATT 20dB  
2004/03/18 19:30:00



**Antenna Conducted Spurious Emission Measurement**

Ant terminal : ANT 4  
Transmitting Frequency : 1880.150 MHz (206 ch)  
Frequency Range : 30MHz - 2.2GHz

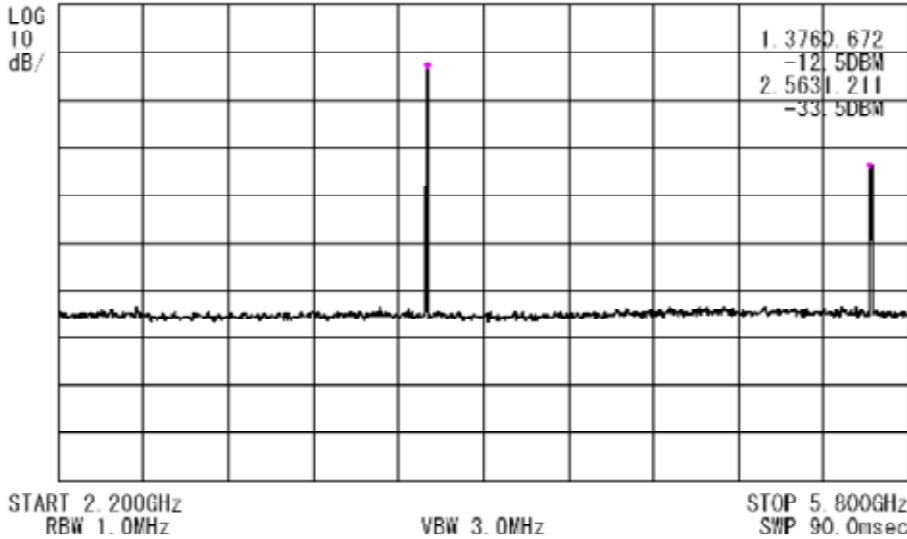
Antenna Conducted Spurious Emission  
ANT4 1880.150MHz (206ch) 9kHz-30MHz  
REF 30.0 DBM ATT 40dB  
2004/03/19 13:16:36



**Antenna Conducted Spurious Emission Measurement**

Ant terminal : ANT 4  
Transmitting Frequency : 1880.150 MHz (206 ch)  
Frequency Range : 2.2GHz - 5.8GHz

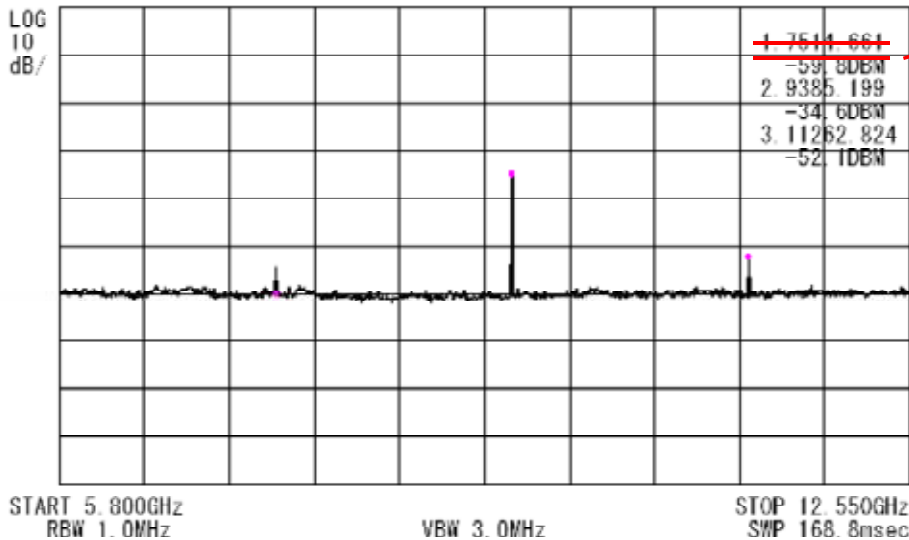
Antenna Conducted Spurious Emission  
ANT4 1880.150MHz(206ch) 2.2GHz-5.8GHz  
2004/03/19 14:48:42  
REF 0.0 DBM ATT 10dB



**Antenna Conducted Spurious Emission Measurement**

Ant terminal : ANT 4  
Transmitting Frequency : 1880.150 MHz (206 ch)  
Frequency Range : 5.8GHz - 12.55GHz

Antenna Conducted Spurious Emission  
ANT4 1880.150MHz(206ch) 5.8GHz-12.55GHz  
2004/03/19 16:42:22  
REF 0.0 DBM ATT 10dB

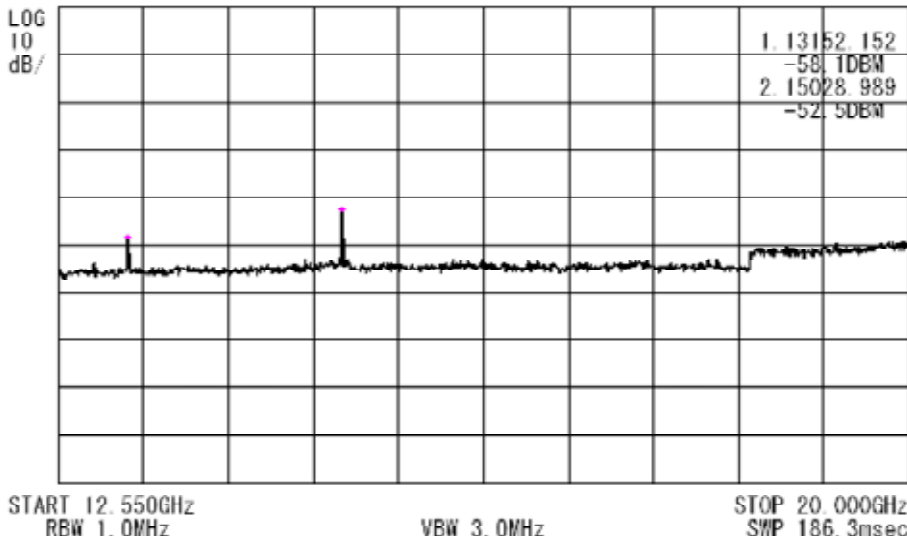


**Antenna Conducted Spurious Emission Measurement**

Ant terminal : ANT 4  
Transmitting Frequency : 1880.150 MHz (206 ch)  
Frequency Range : 12.55GHz - 20GHz

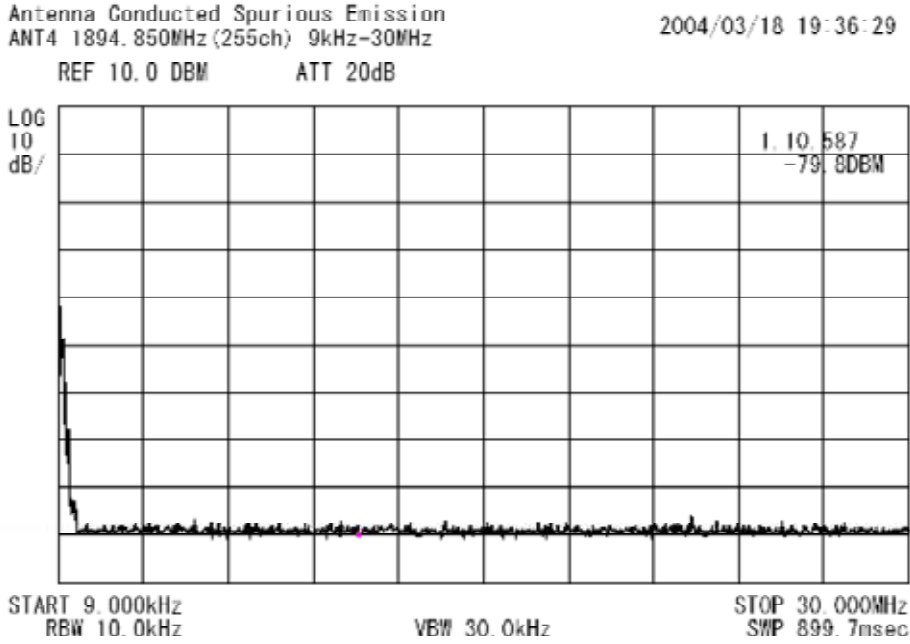
Antenna Conducted Spurious Emission  
ANT4 1880.150MHz (206ch) 12.55GHz-20GHz  
REF -10.0 DBM ATT 0dB

2004/03/19 18:38:42



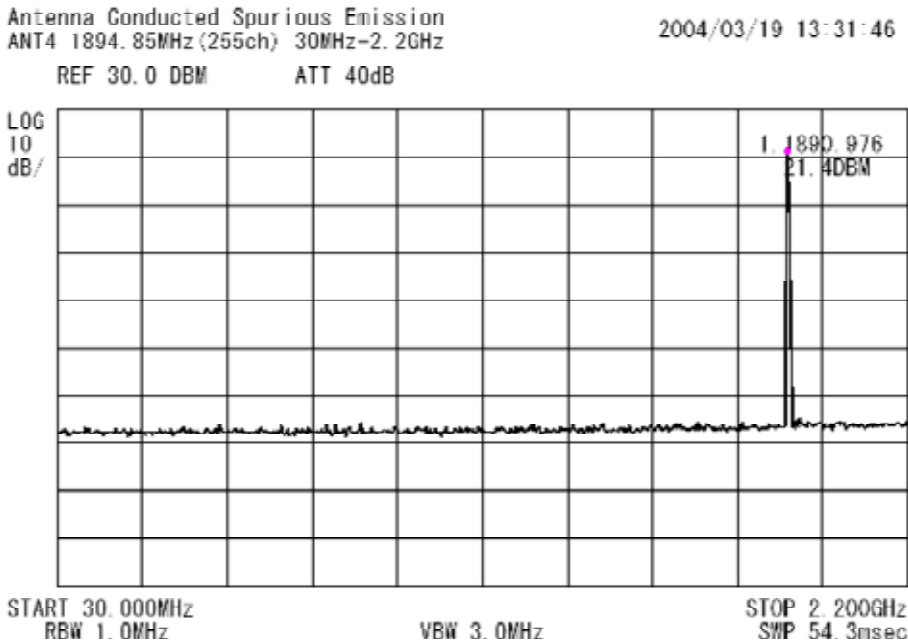
**Antenna Conducted Spurious Emission Measurement**

Ant terminal : ANT 4  
Transmitting Frequency : 1894.850 MHz (255 ch)  
Frequency Range : 9kHz - 30 MHz



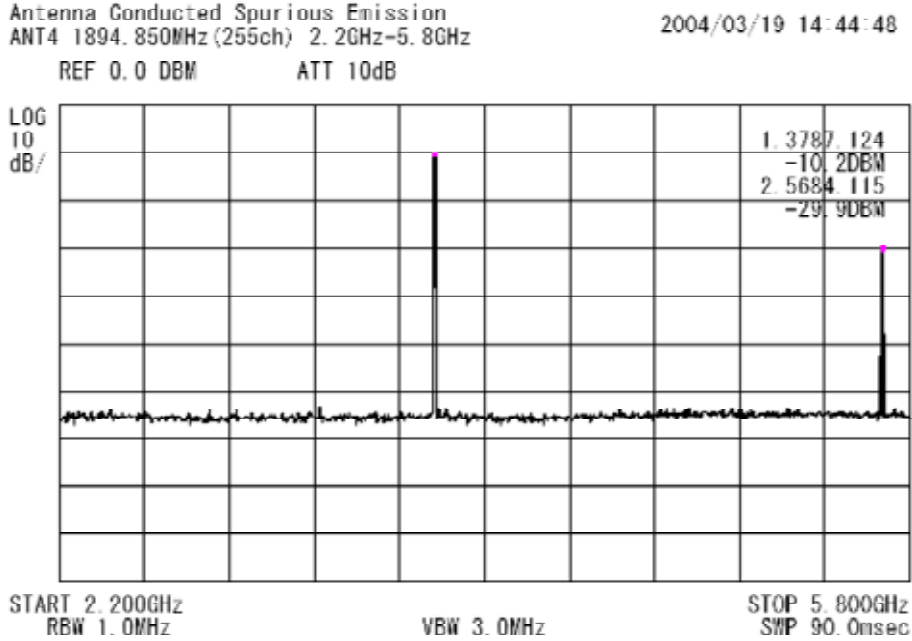
**Antenna Conducted Spurious Emission Measurement**

Ant terminal : ANT 4  
Transmitting Frequency : 1894.850 MHz (255 ch)  
Frequency Range : 30MHz - 2.2GHz



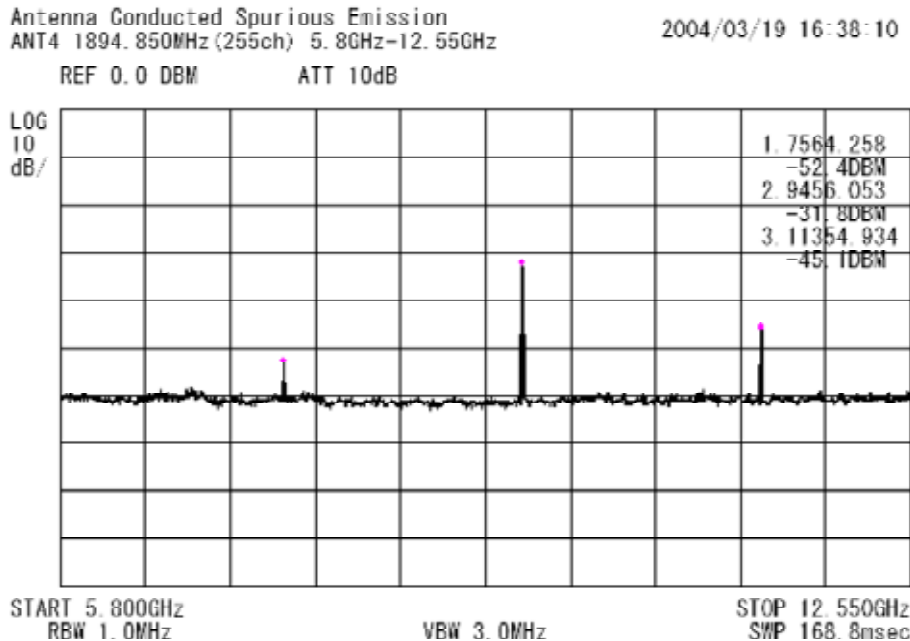
**Antenna Conducted Spurious Emission Measurement**

Ant terminal : ANT 4  
Transmitting Frequency : 1894.850 MHz (255 ch)  
Frequency Range : 2.2GHz - 5.8GHz



**Antenna Conducted Spurious Emission Measurement**

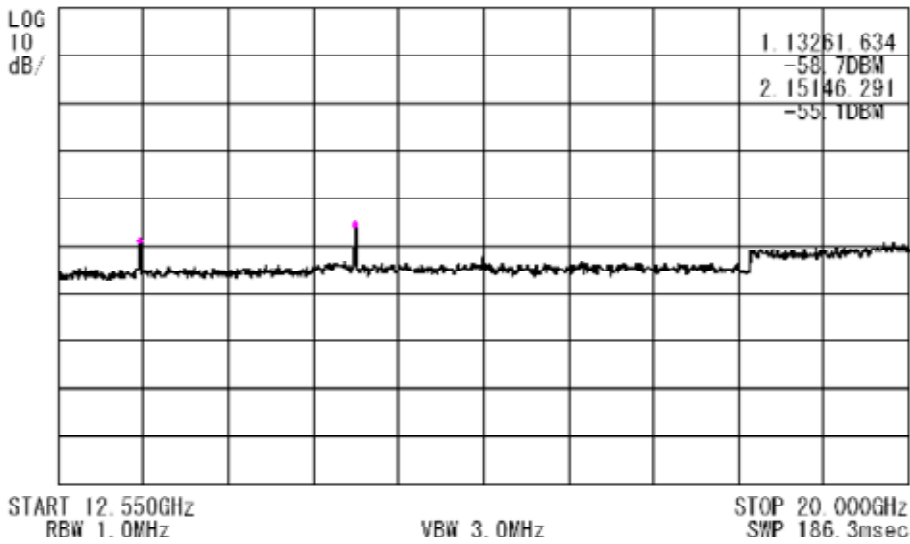
Ant terminal : ANT 4  
Transmitting Frequency : 1894.850 MHz (255 ch)  
Frequency Range : 5.8GHz - 12.55GHz



**Antenna Conducted Spurious Emission Measurement**

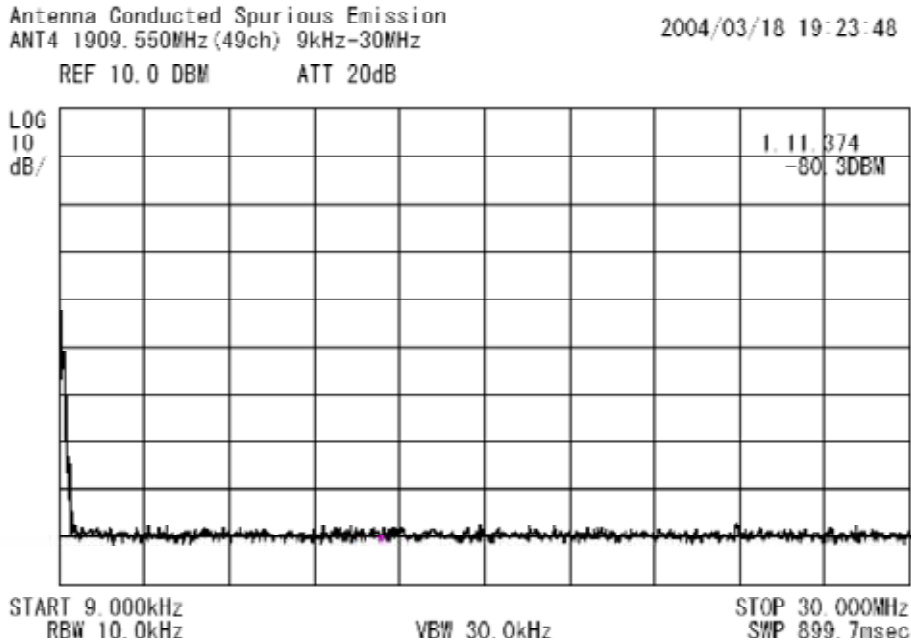
Ant terminal : ANT 4  
Transmitting Frequency : 1894.850 MHz (255 ch)  
Frequency Range : 12.55GHz - 20GHz

Antenna Conducted Spurious Emission  
ANT4 1894.850MHz (255ch) 12.55GHz-20GHz  
REF -10.0 DBM ATT 0dB  
2004/03/19 18:36:42



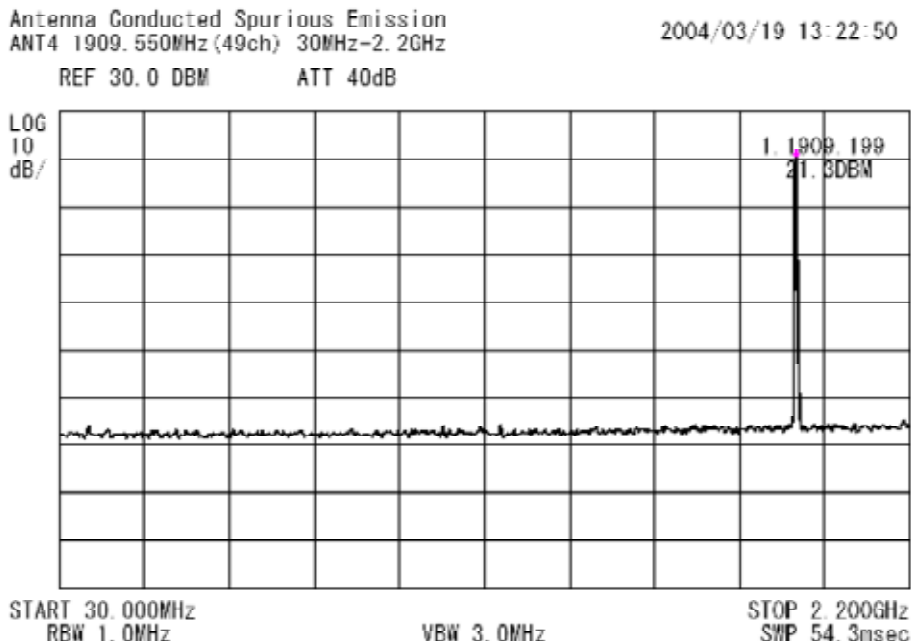
**Antenna Conducted Spurious Emission Measurement**

Ant terminal : ANT 4  
Transmitting Frequency : 1909.550 MHz (49 ch)  
Frequency Range : 9kHz - 30 MHz



**Antenna Conducted Spurious Emission Measurement**

Ant terminal : ANT 4  
Transmitting Frequency : 1909.550 MHz (49 ch)  
Frequency Range : 30MHz - 2.2GHz

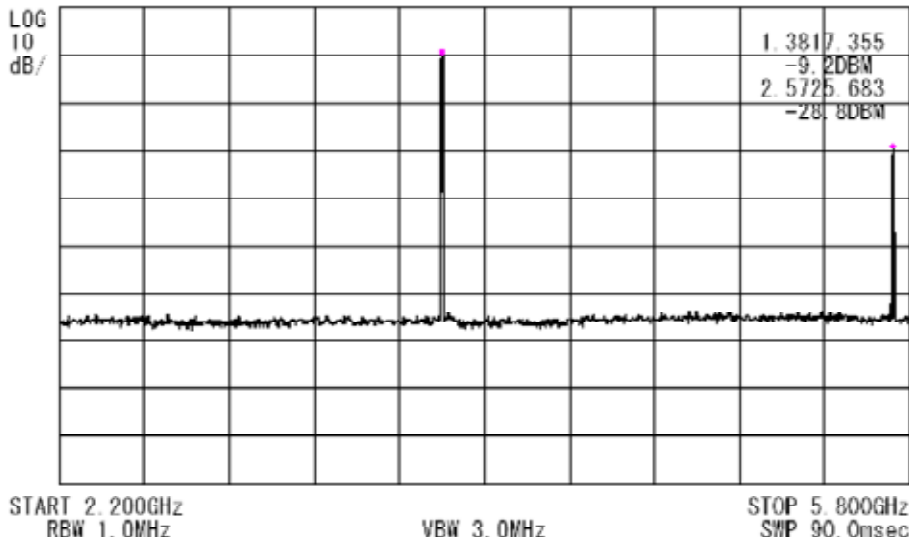




**Antenna Conducted Spurious Emission Measurement**

Ant terminal : ANT 4  
Transmitting Frequency : 1909.550 MHz (49 ch)  
Frequency Range : 2.2GHz - 5.8GHz

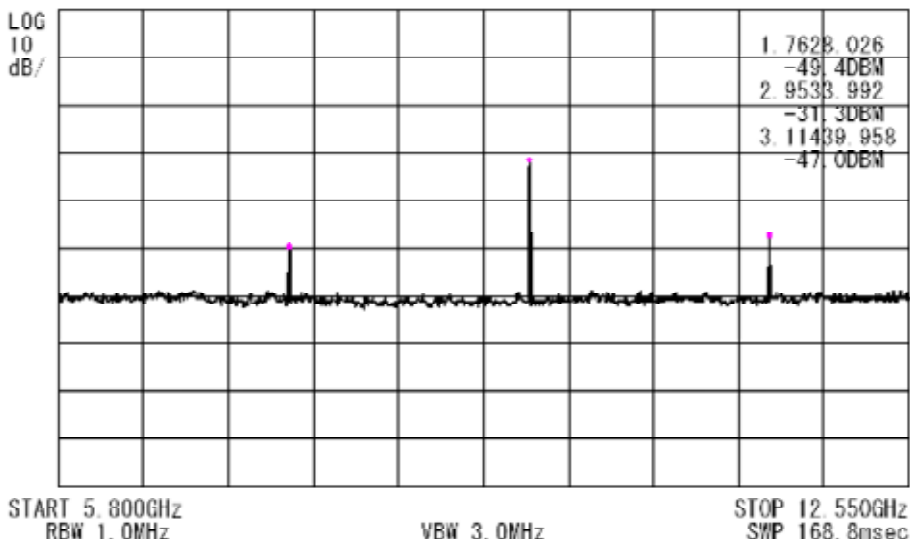
Antenna Conducted Spurious Emission  
ANT4 1909.550MHz (49ch) 2.2GHz-5.8GHz  
REF 0.0 DBM ATT 10dB  
2004/03/19 14:42:24



**Antenna Conducted Spurious Emission Measurement**

Ant terminal : ANT 4  
Transmitting Frequency : 1909.550 MHz (49 ch)  
Frequency Range : 5.8GHz - 12.55GHz

Antenna Conducted Spurious Emission  
ANT4 1909.550MHz (49ch) 5.8GHz-12.55GHz  
REF 0.0 DBM ATT 10dB  
2004/03/19 16:35:38

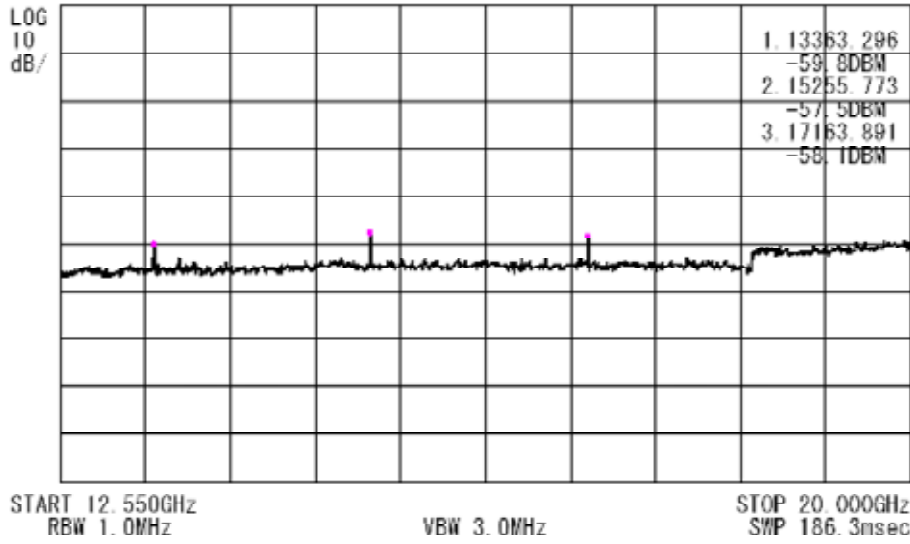


**Antenna Conducted Spurious Emission Measurement**

Ant terminal : ANT 4  
Transmitting Frequency : 1909.550 MHz (49 ch)  
Frequency Range : 12.55GHz - 20GHz

Antenna Conducted Spurious Emission  
ANT4 1909.550MHz (49ch) 12.55GHz-20GHz  
REF -10.0 DBM ATT 0dB

2004/03/19 18:32:24



## Antenna-Conducted Spurious Emission Measurement

Antenna Terminal : ANT5

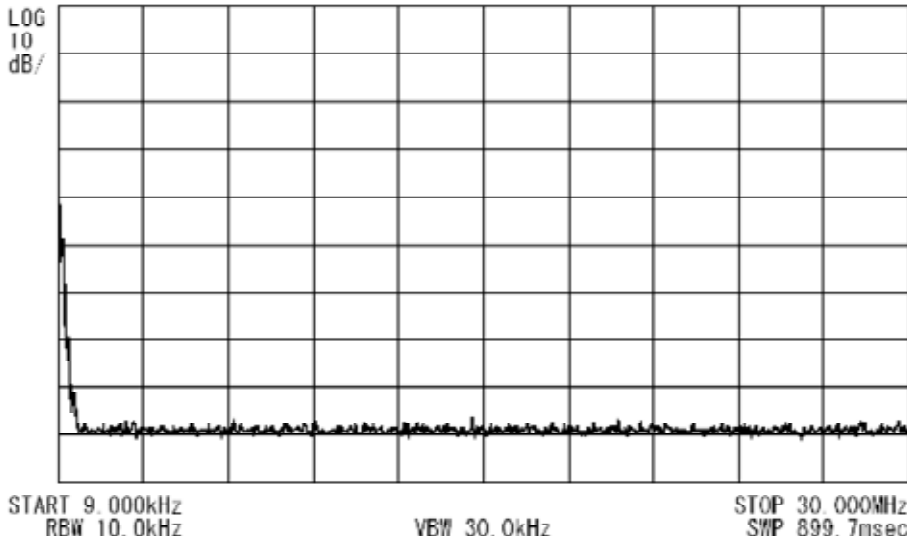
Test Date: March 18, 2004  
Temp.: 22 °C, Humi: 48 %

CH	Transmitting Frequency [MHz]	Measured Frequency [MHz]	Corr. Factor [dB]	Meter Readings [dBm]	Limits [dBm]	Results [dBm]	Margin [dB]	Remarks
206	1880.150	3760.300	-19.4	-13.0	-13.0	-32.4	+19.4	C
		5640.450	-20.7	-27.0	-13.0	-47.7	+34.7	C
		7520.600	-9.7	-52.9	-13.0	-62.6	+49.6	C
		9400.750	-10.0	-33.8	-13.0	-43.8	+30.8	C
		11280.900	-10.5	-43.5	-13.0	-54.0	+41.0	C
		13161.050	-10.3	-57.5	-13.0	-67.8	+54.8	C
		15041.200	-10.7	-51.2	-13.0	-61.9	+48.9	C
255	1894.850	3789.700	-19.9	-10.9	-13.0	-30.8	+17.8	C
		5684.550	-20.2	-25.8	-13.0	-46.0	+33.0	C
		7579.400	-9.7	-52.8	-13.0	-62.5	+49.5	C
		9474.250	-10.1	-33.7	-13.0	-43.8	+30.8	C
		11369.100	-10.0	-43.3	-13.0	-53.3	+40.3	C
		13263.950	-10.6	-60.0	-13.0	-70.6	+57.6	C
		15158.800	-10.6	-57.4	-13.0	-68.0	+55.0	C
49	1909.550	3819.100	-19.4	-9.3	-13.0	-28.7	+15.7	C
		5728.650	-19.7	-25.7	-13.0	-45.4	+32.4	C
		7638.200	-10.2	-47.1	-13.0	-57.3	+44.3	C
		9547.750	-10.3	-32.8	-13.0	-43.1	+30.1	C
		11457.300	-10.5	-39.3	-13.0	-49.8	+36.8	C
		13366.850	-10.6	-60.5	-13.0	-71.1	+58.1	C
		15276.400	-10.5	-59.2	-13.0	-69.7	+56.7	C
		17185.950	-10.5	-59.0	-13.0	-69.5	+56.5	C

**Antenna Conducted Spurious Emission Measurement**

Ant terminal : ANT 5  
Transmitting Frequency : 1880.150 MHz (206 ch)  
Frequency Range : 9kHz - 30 MHz

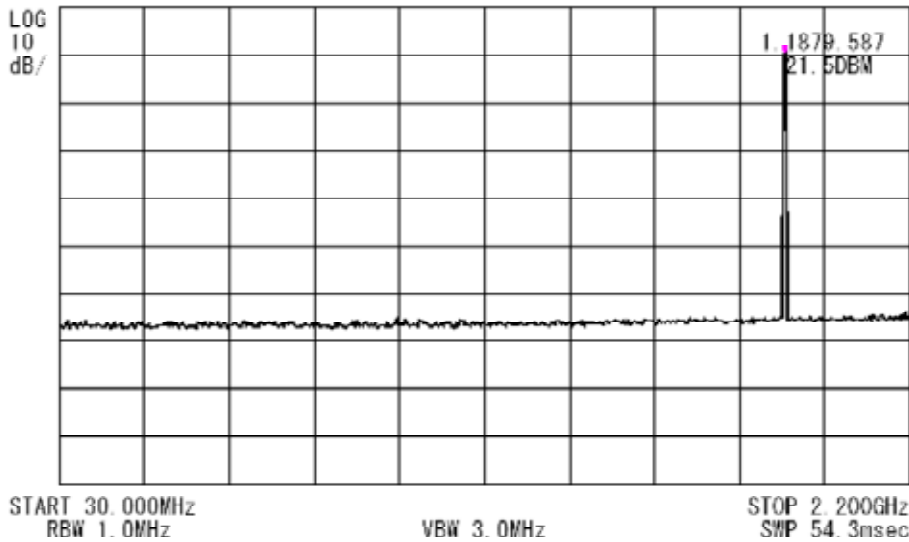
Antenna Conducted Spurious Emission  
ANT5 1880.150MHz (206ch) 9kHz-30MHz  
2004/03/18 19:32:59  
REF 10.0 DBM ATT 20dB



**Antenna Conducted Spurious Emission Measurement**

Ant terminal : ANT 5  
Transmitting Frequency : 1880.150 MHz (206 ch)  
Frequency Range : 30MHz - 2.2GHz

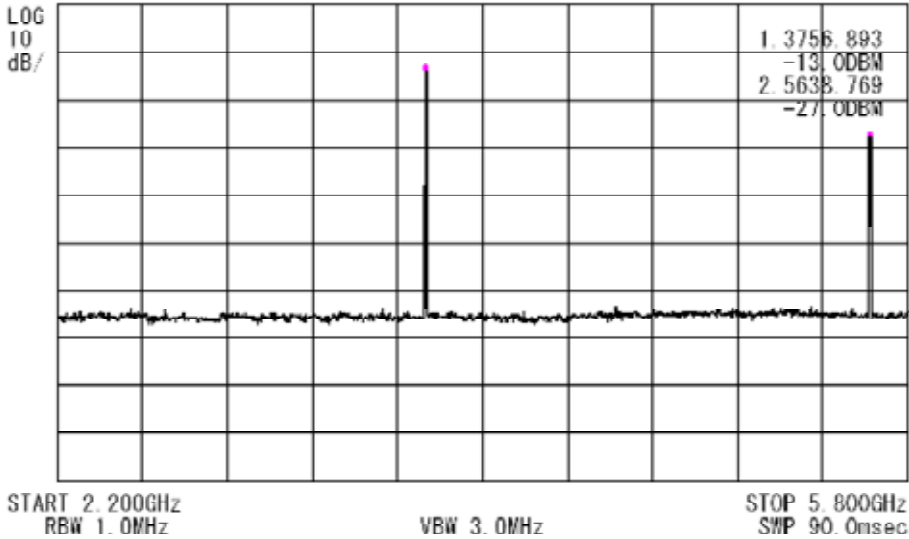
Antenna Conducted Spurious Emission  
ANT5 1880.150MHz (206ch) 30MHz-2.2GHz  
2004/03/19 13:31:46  
REF 30.0 DBM ATT 40dB



**Antenna Conducted Spurious Emission Measurement**

Ant terminal : ANT 5  
Transmitting Frequency : 1880.150 MHz (206 ch)  
Frequency Range : 2.2GHz - 5.8GHz

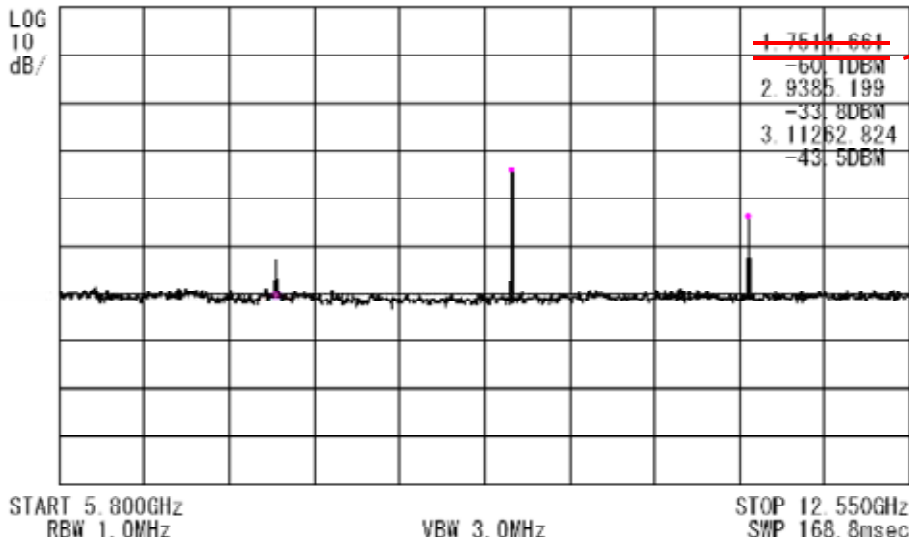
Antenna Conducted Spurious Emission  
ANT5 1880.150MHz(206ch) 2.2GHz-5.8GHz  
2004/03/19 14:56:20  
REF 0.0 DBM ATT 10dB



**Antenna Conducted Spurious Emission Measurement**

Ant terminal : ANT 5  
Transmitting Frequency : 1880.150 MHz (206 ch)  
Frequency Range : 5.8GHz - 12.55GHz

Antenna Conducted Spurious Emission  
ANT5 1880.150MHz(206ch) 5.8GHz-12.55GHz  
2004/03/19 17:16:19  
REF 0.0 DBM ATT 10dB



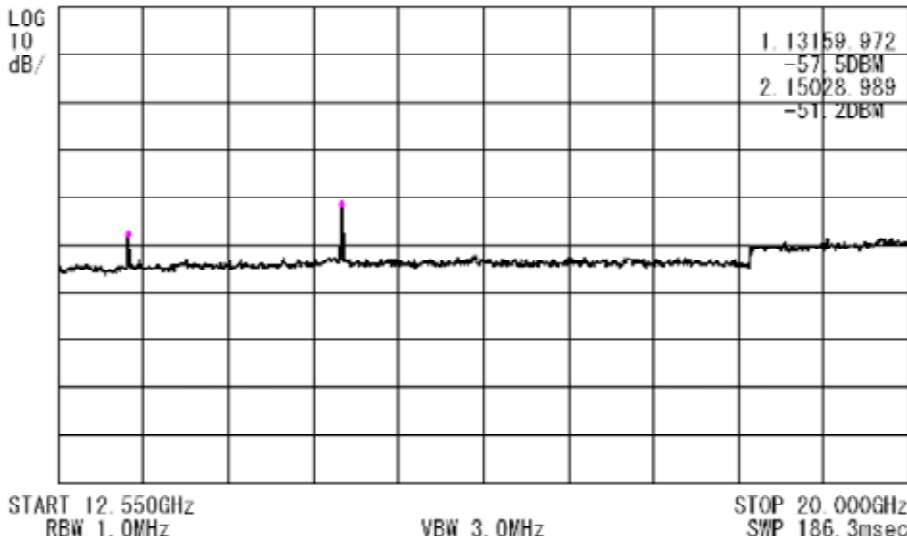
7515MHz  
-52.9dBm

**Antenna Conducted Spurious Emission Measurement**

Ant terminal : ANT 5  
Transmitting Frequency : 1880.150 MHz (206 ch)  
Frequency Range : 12.55GHz - 20GHz

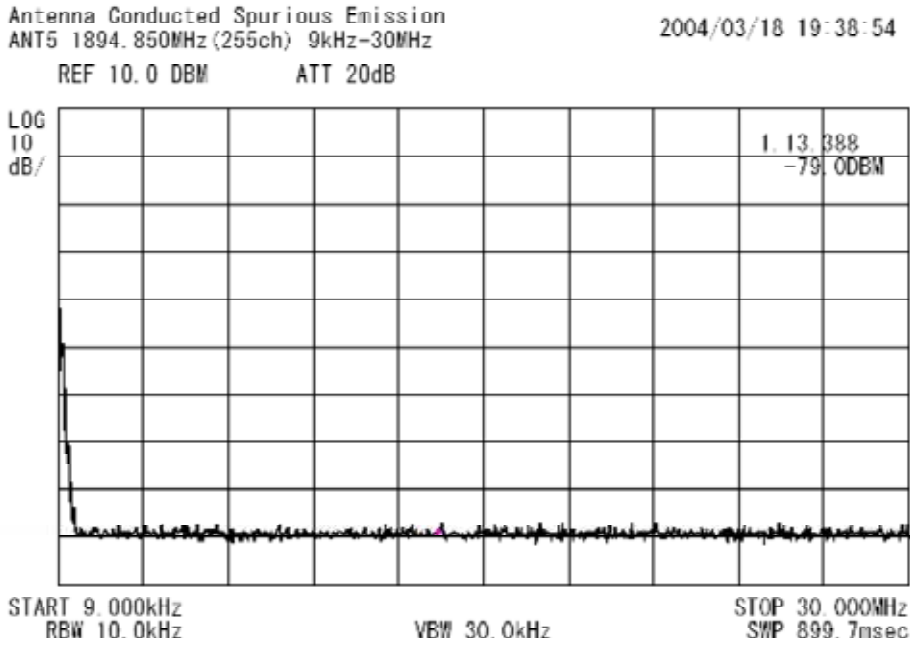
Antenna Conducted Spurious Emission  
ANT5 1880.150MHz (206ch) 12.55GHz-20GHz  
REF -10.0 DBM ATT 0dB

2004/03/19 18:47:04



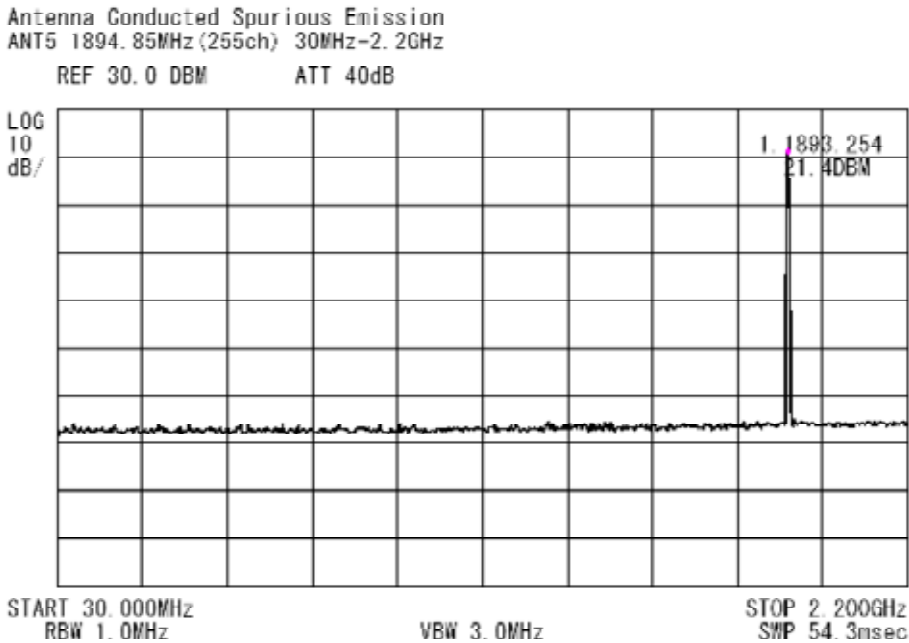
**Antenna Conducted Spurious Emission Measurement**

Ant terminal : ANT 5  
Transmitting Frequency : 1894.850 MHz (255 ch)  
Frequency Range : 9kHz - 30 MHz



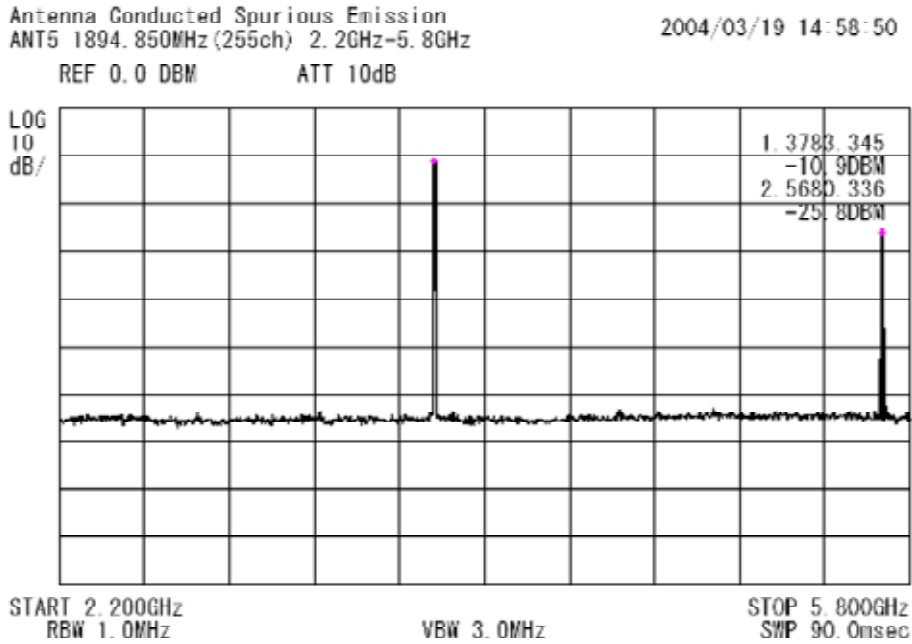
**Antenna Conducted Spurious Emission Measurement**

Ant terminal : ANT 5  
Transmitting Frequency : 1894.850 MHz (255 ch)  
Frequency Range : 30MHz - 2.2GHz



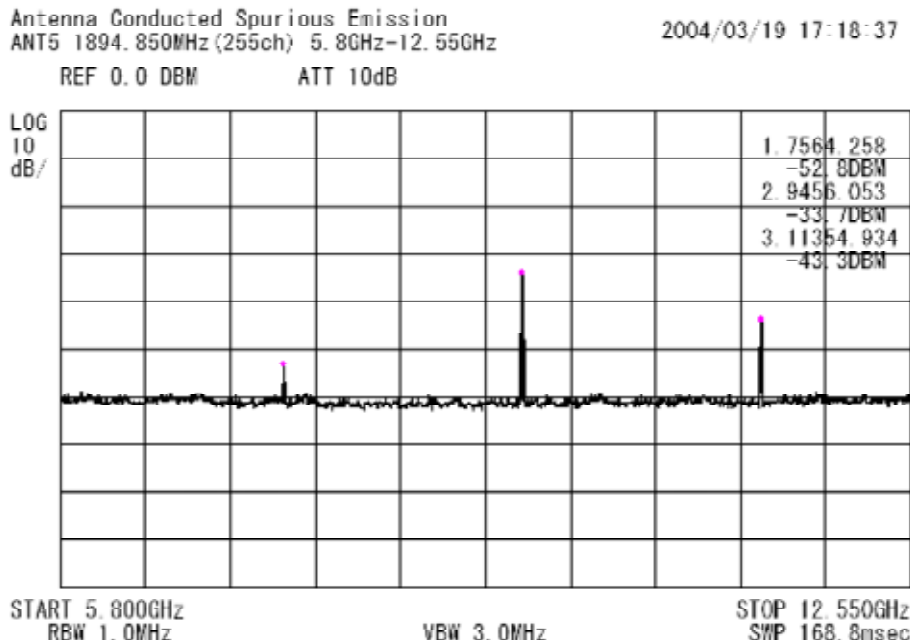
**Antenna Conducted Spurious Emission Measurement**

Ant terminal : ANT 5  
Transmitting Frequency : 1894.850 MHz (255 ch)  
Frequency Range : 2.2GHz - 5.8GHz



**Antenna Conducted Spurious Emission Measurement**

Ant terminal : ANT 5  
Transmitting Frequency : 1894.850 MHz (255 ch)  
Frequency Range : 5.8GHz - 12.55GHz

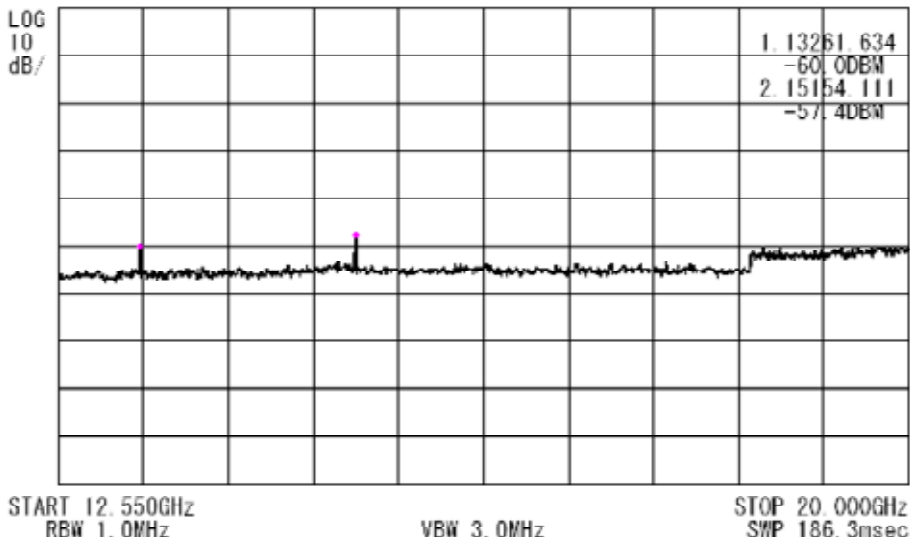




**Antenna Conducted Spurious Emission Measurement**

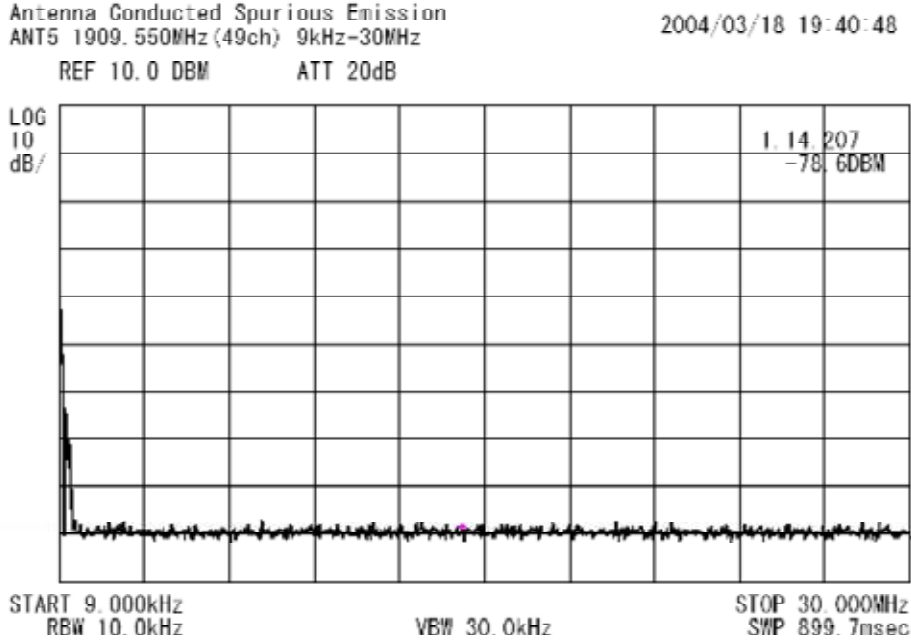
Ant terminal : ANT 5  
Transmitting Frequency : 1894.850 MHz (255 ch)  
Frequency Range : 12.55GHz - 20GHz

Antenna Conducted Spurious Emission  
ANT5 1894.850MHz(255ch) 12.55GHz-20GHz  
REF -10.0 DBM ATT 0dB  
2004/03/19 18:49:34



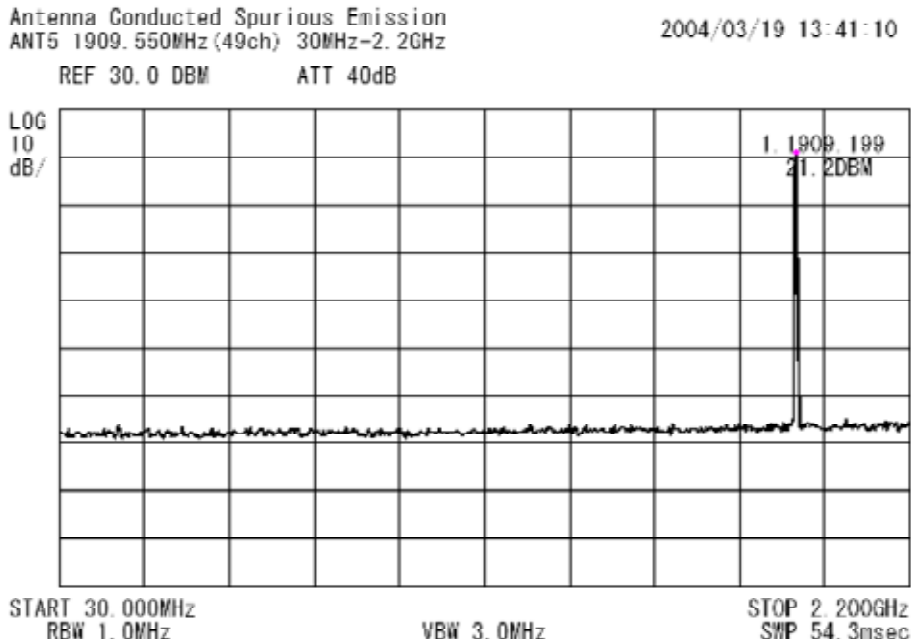
**Antenna Conducted Spurious Emission Measurement**

Ant terminal : ANT 5  
Transmitting Frequency : 1909.550 MHz (49 ch)  
Frequency Range : 9kHz - 30 MHz



**Antenna Conducted Spurious Emission Measurement**

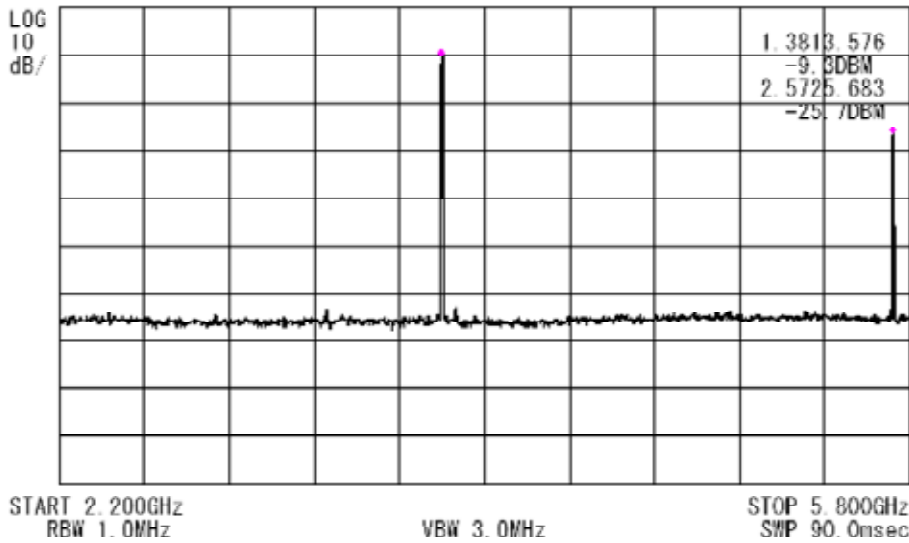
Ant terminal : ANT 5  
Transmitting Frequency : 1909.550 MHz (49 ch)  
Frequency Range : 30MHz - 2.2GHz



**Antenna Conducted Spurious Emission Measurement**

Ant terminal : ANT 5  
Transmitting Frequency : 1909.550 MHz (49 ch)  
Frequency Range : 2.2GHz - 5.8GHz

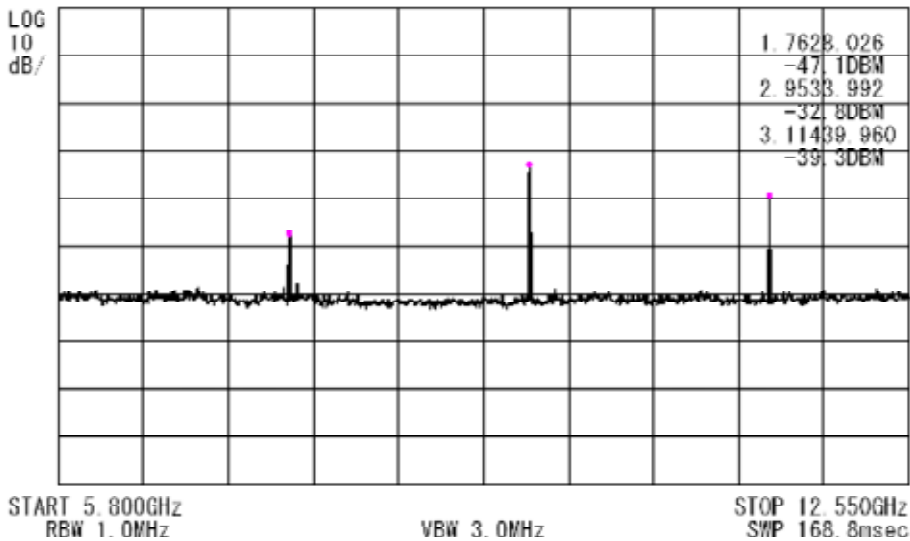
Antenna Conducted Spurious Emission  
ANT5 1909.550MHz (49ch) 2.2GHz-5.8GHz  
2004/03/19 15:00:41  
REF 0.0 DBM ATT 10dB



**Antenna Conducted Spurious Emission Measurement**

Ant terminal : ANT 5  
Transmitting Frequency : 1909.550 MHz (49 ch)  
Frequency Range : 5.8GHz - 12.55GHz

Antenna Conducted Spurious Emission  
ANT5 1909.550MHz (49ch) 5.8GHz-12.55GHz  
2004/03/19 17:22:53  
REF 0.0 DBM ATT 10dB

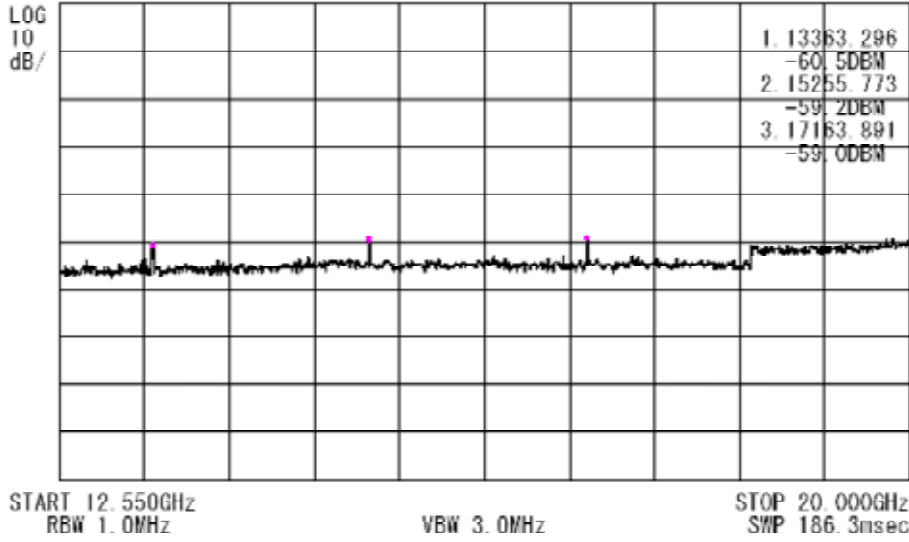


**Antenna Conducted Spurious Emission Measurement**

Ant terminal : ANT 5  
Transmitting Frequency : 1909.550 MHz (49 ch)  
Frequency Range : 12.55GHz - 20GHz

Antenna Conducted Spurious Emission  
ANT5 1909.550MHz (49ch) 12.55GHz-20GHz  
REF -10.0 DBM ATT 0dB

2004/03/19 18:51:02



## Antenna-Conducted Spurious Emission Measurement

Antenna Terminal : ANT6

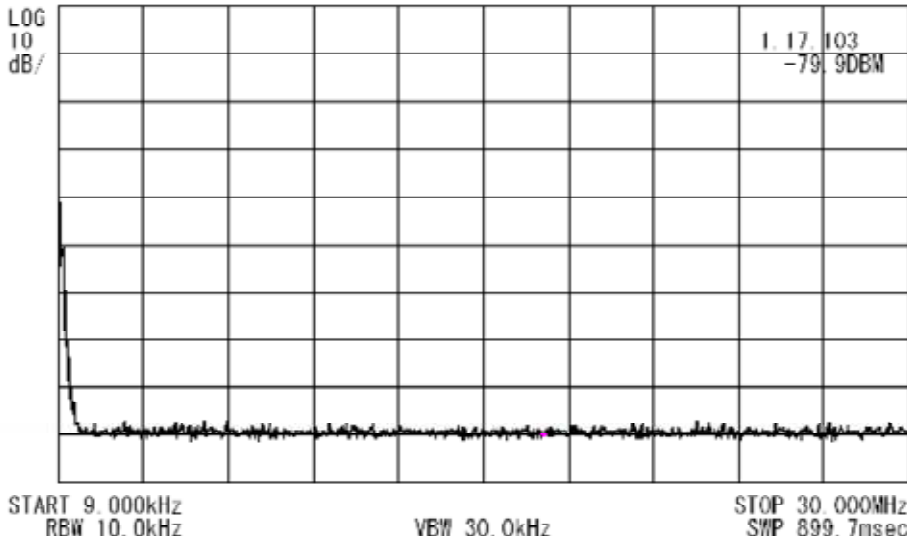
Test Date: March 18, 2004  
Temp.: 22 °C, Humi: 48 %

CH	Transmitting Frequency [MHz]	Measured Frequency [MHz]	Corr. Factor [dB]	Meter Readings [dBm]	Limits [dBm]	Results [dBm]	Margin [dB]	Remarks
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		5640.450	-20.7	-26.6	-13.0	-47.3	+34.3	C
		7520.600	-9.7	-55.2	-13.0	-64.9	+51.9	C
		9400.750	-10.0	-29.9	-13.0	-39.9	+26.9	C
		11280.900	-10.5	-44.0	-13.0	-54.5	+41.5	C
		13161.050	-10.3	-53.3	-13.0	-63.6	+50.6	C
		15041.200	-10.7	-60.5	-13.0	-71.2	+58.2	C
255	1894.850	3789.700	-19.9	-8.5	-13.0	-28.4	+15.4	C
		5684.550	-20.2	-24.4	-13.0	-44.6	+31.6	C
		7579.400	-9.7	-49.1	-13.0	-58.8	+45.8	C
		9474.250	-10.1	-28.6	-13.0	-38.7	+25.7	C
		11369.100	-10.0	-42.3	-13.0	-52.3	+39.3	C
		13263.950	-10.6	< -60.0	-13.0	< -70.6	> +57.6	C
		15158.800	-10.6	-59.2	-13.0	-69.8	+56.8	C
49	1909.550	3819.100	-19.4	-6.3	-13.0	-25.7	+12.7	C
		5728.650	-19.7	-23.6	-13.0	-43.3	+30.3	C
		7638.200	-10.2	-44.4	-13.0	-54.6	+41.6	C
		9547.750	-10.3	-28.3	-13.0	-38.6	+25.6	C
		11457.300	-10.5	-39.4	-13.0	-49.9	+36.9	C
		13366.850	-10.6	-61.5	-13.0	-72.1	+59.1	C
		15276.400	-10.5	-57.0	-13.0	-67.5	+54.5	C
		17185.950	-10.5	-58.5	-13.0	-69.0	+56.0	C

**Antenna Conducted Spurious Emission Measurement**

Ant terminal : ANT 6  
Transmitting Frequency : 1880.150 MHz (206 ch)  
Frequency Range : 9kHz - 30 MHz

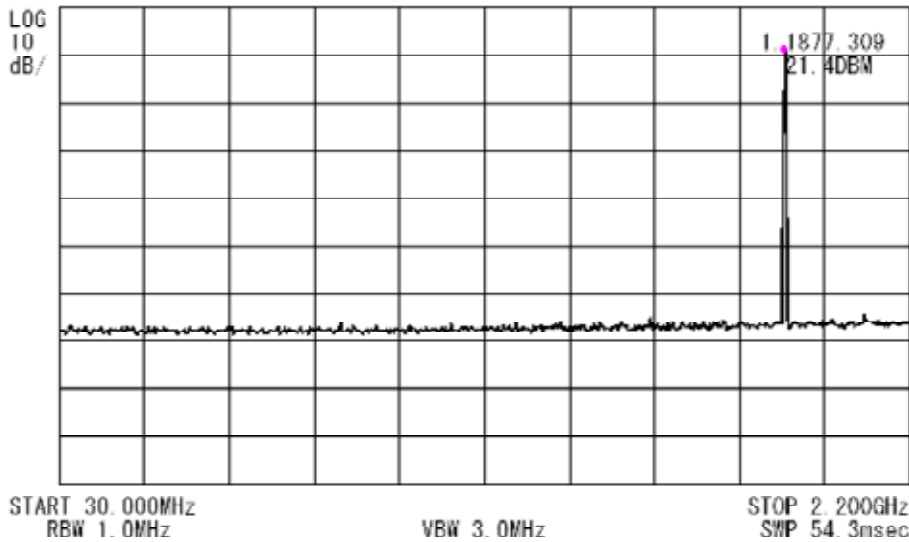
Antenna Conducted Spurious Emission  
ANT6 1880.150MHz (206ch) 9kHz-30MHz  
2004/03/18 19:47:48  
REF 10.0 DBM ATT 20dB



**Antenna Conducted Spurious Emission Measurement**

Ant terminal : ANT 6  
Transmitting Frequency : 1880.150 MHz (206 ch)  
Frequency Range : 30MHz - 2.2GHz

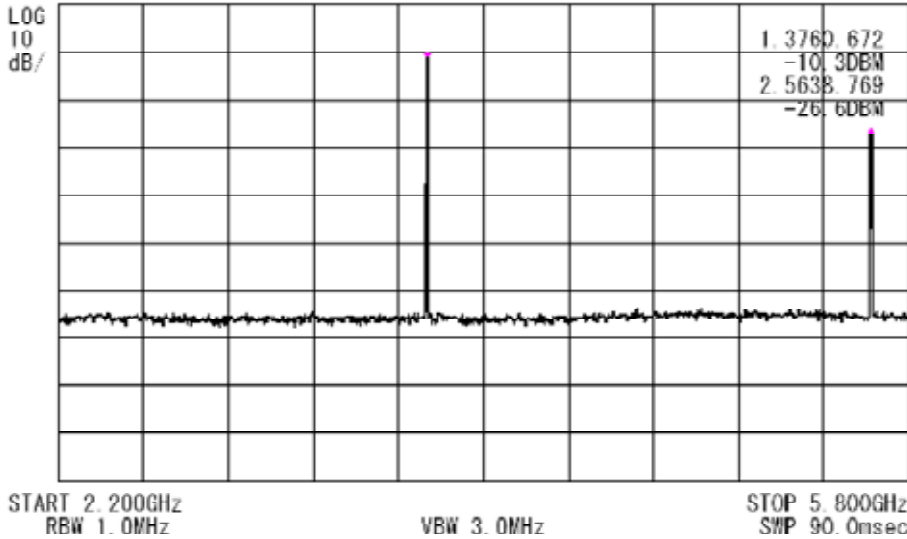
Antenna Conducted Spurious Emission  
ANT6 1880.150MHz (206ch) 30MHz-2.2GHz  
2004/03/19 13:46:49  
REF 30.0 DBM ATT 40dB



**Antenna Conducted Spurious Emission Measurement**

Ant terminal : ANT 6  
Transmitting Frequency : 1880.150 MHz (206 ch)  
Frequency Range : 2.2GHz - 5.8GHz

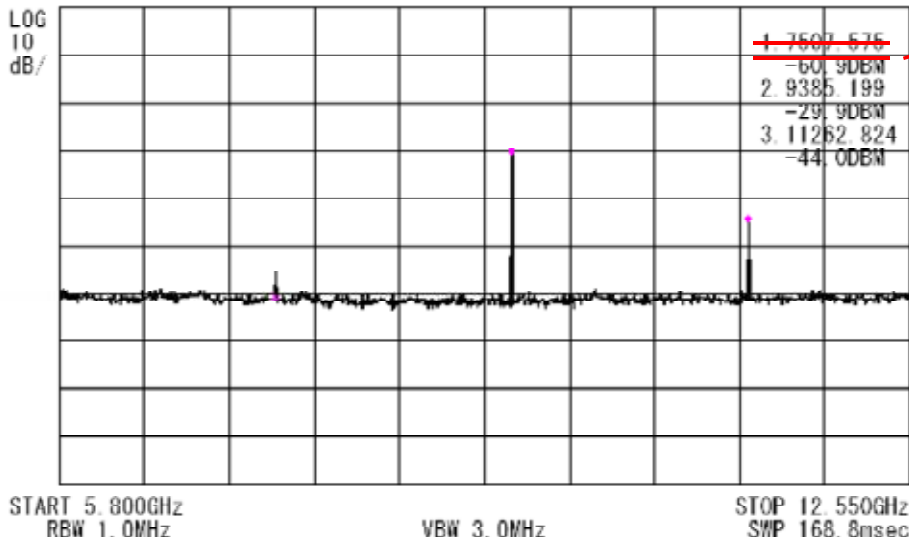
Antenna Conducted Spurious Emission  
ANT6 1880.150MHz(206ch) 2.2GHz-5.8GHz  
2004/03/19 15:07:09  
REF 0.0 DBM ATT 10dB



**Antenna Conducted Spurious Emission Measurement**

Ant terminal : ANT 6  
Transmitting Frequency : 1880.150 MHz (206 ch)  
Frequency Range : 5.8GHz - 12.55GHz

Antenna Conducted Spurious Emission  
ANT6 1880.150MHz(206ch) 5.8GHz-12.55GHz  
2004/03/19 17:35:23  
REF 0.0 DBM ATT 10dB



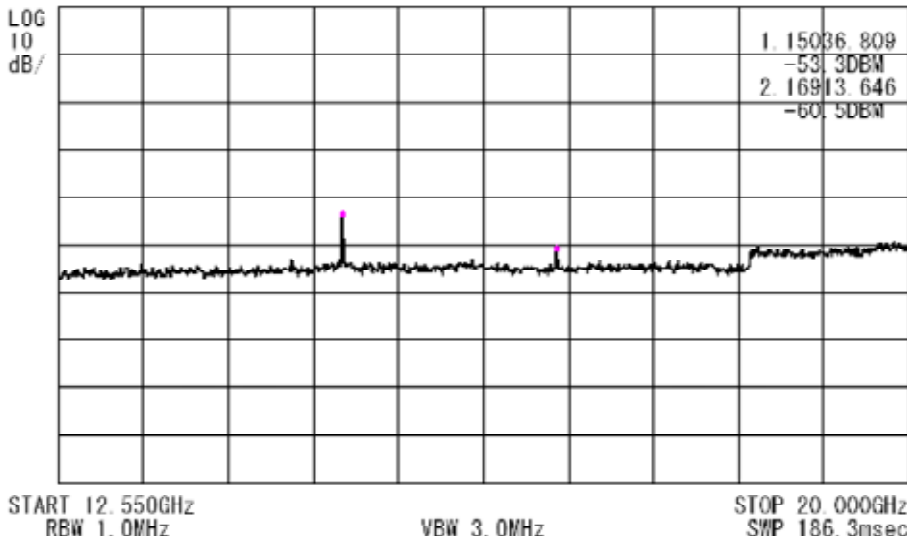
7515MHz  
-55.2dBm

**Antenna Conducted Spurious Emission Measurement**

Ant terminal : ANT 6  
Transmitting Frequency : 1880.150 MHz (206 ch)  
Frequency Range : 12.55GHz - 20GHz

Antenna Conducted Spurious Emission  
ANT6 1880.150MHz (206ch) 12.55GHz-20GHz  
REF -10.0 DBM ATT 0dB

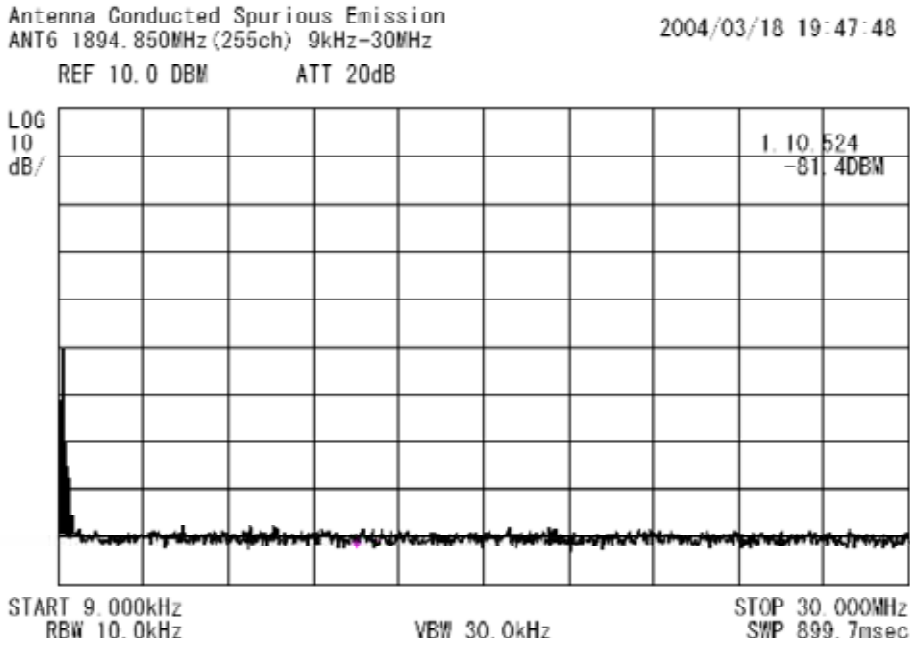
2004/03/19 18:59:32





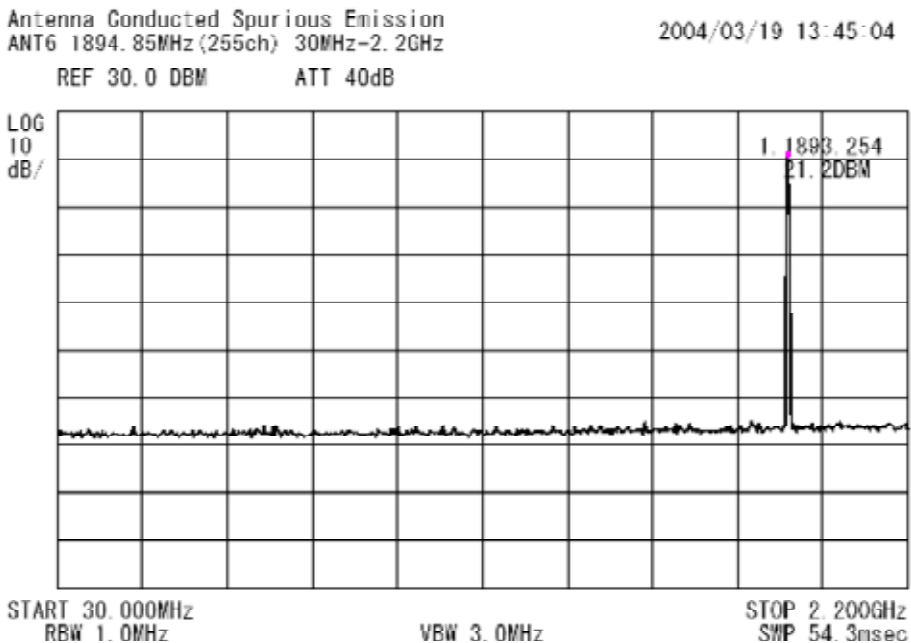
**Antenna Conducted Spurious Emission Measurement**

Ant terminal : ANT 6  
Transmitting Frequency : 1894.850 MHz (255 ch)  
Frequency Range : 9kHz - 30 MHz



**Antenna Conducted Spurious Emission Measurement**

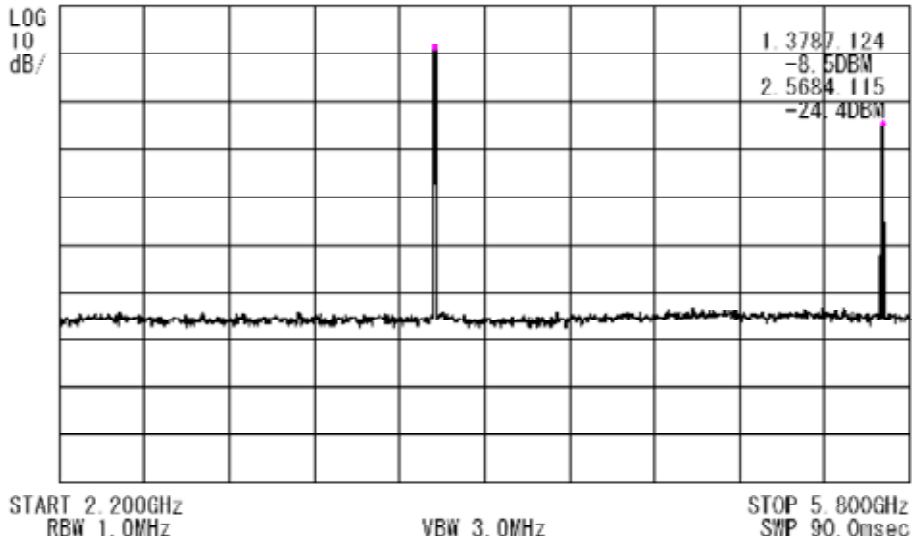
Ant terminal : ANT 6  
Transmitting Frequency : 1894.850 MHz (255 ch)  
Frequency Range : 30MHz - 2.2GHz



**Antenna Conducted Spurious Emission Measurement**

Ant terminal : ANT 6  
Transmitting Frequency : 1894.850 MHz (255 ch)  
Frequency Range : 2.2GHz - 5.8GHz

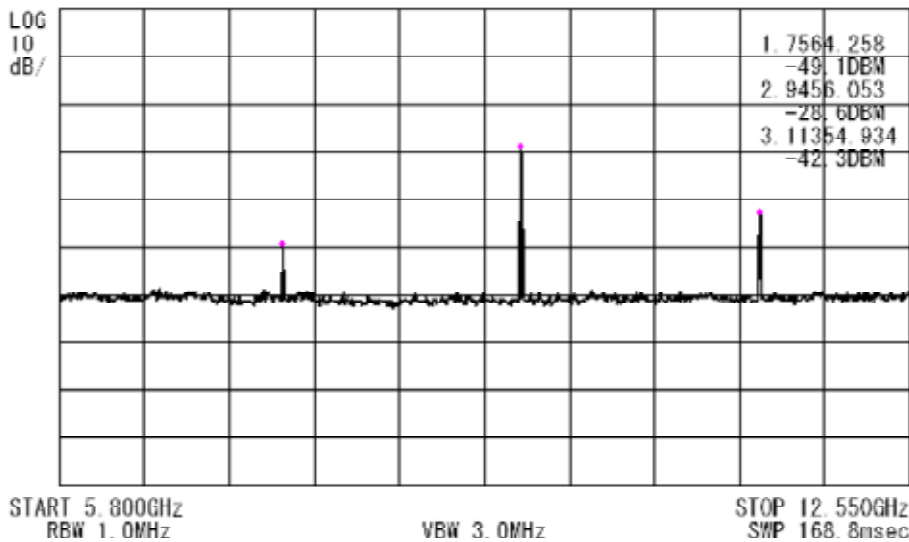
Antenna Conducted Spurious Emission  
ANT6 1894.850MHz (255ch) 2.2GHz-5.8GHz  
2004/03/19 15:05:11  
REF 0.0 DBM ATT 10dB



**Antenna Conducted Spurious Emission Measurement**

Ant terminal : ANT 6  
Transmitting Frequency : 1894.850 MHz (255 ch)  
Frequency Range : 5.8GHz - 12.55GHz

Antenna Conducted Spurious Emission  
ANT6 1894.850MHz (255ch) 5.8GHz-12.55GHz  
2004/03/19 17:27:47  
REF 0.0 DBM ATT 10dB

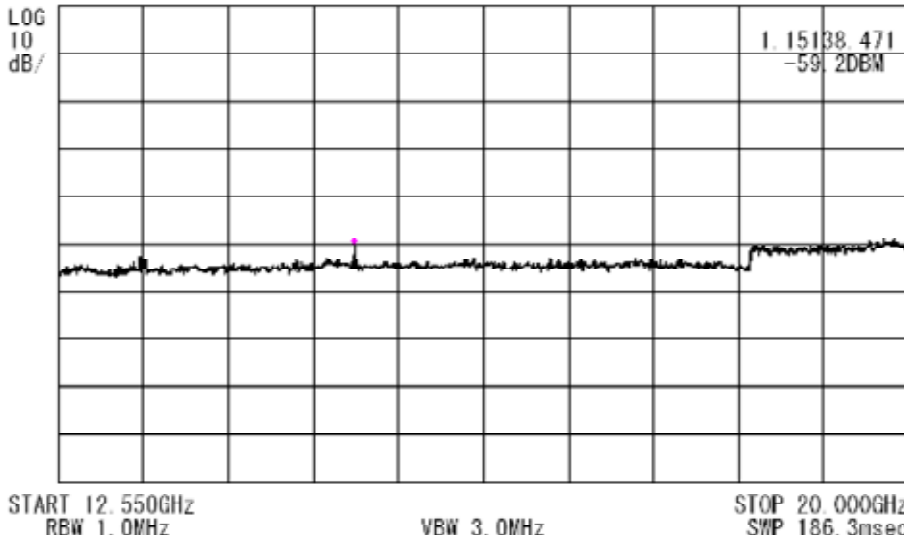


**Antenna Conducted Spurious Emission Measurement**

Ant terminal : ANT 6  
Transmitting Frequency : 1894.850 MHz (255 ch)  
Frequency Range : 12.55GHz - 20GHz

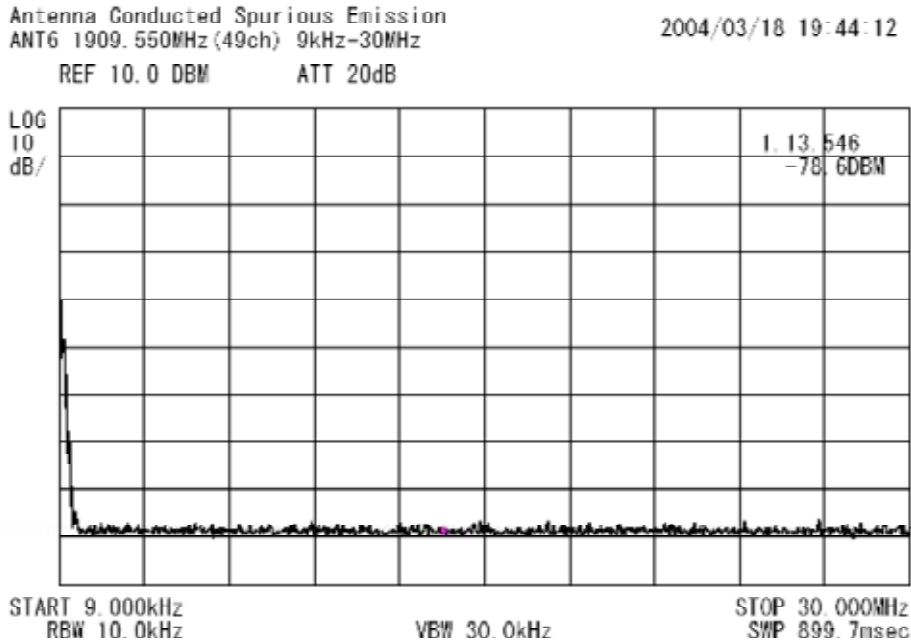
Antenna Conducted Spurious Emission  
ANT6 1894.850MHz(255ch) 12.55GHz-20GHz  
REF -10.0 DBM ATT 0dB

2004/03/19 18:57:57



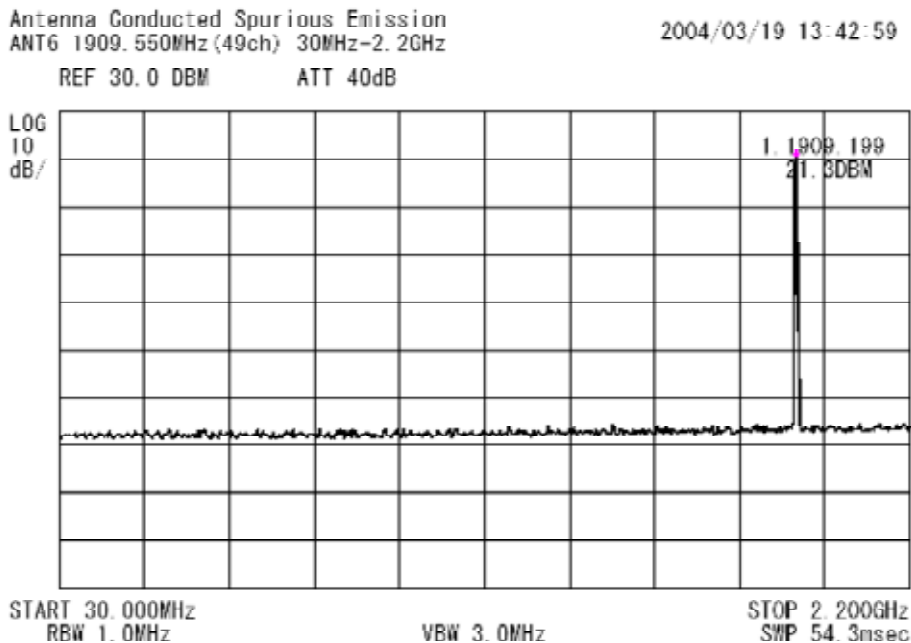
**Antenna Conducted Spurious Emission Measurement**

Ant terminal : ANT 6  
Transmitting Frequency : 1909.550 MHz (49 ch)  
Frequency Range : 9kHz - 30 MHz



**Antenna Conducted Spurious Emission Measurement**

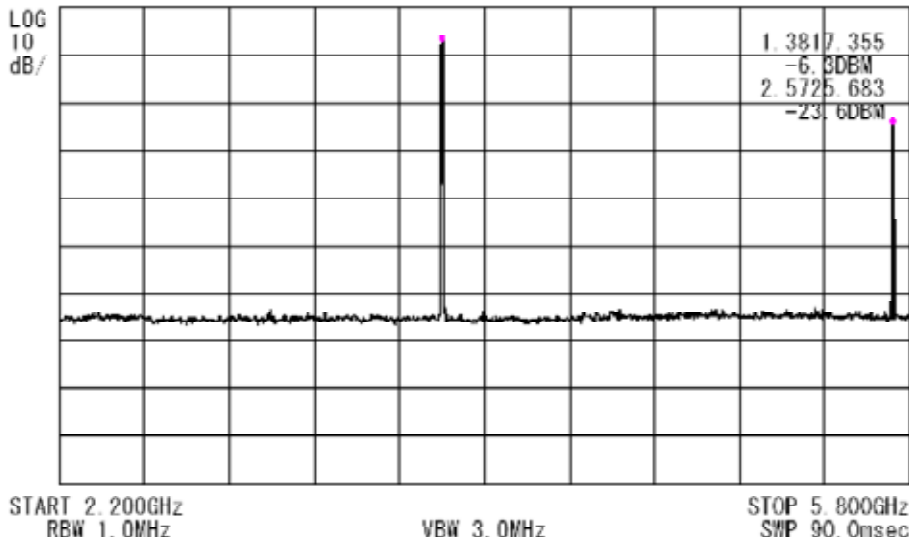
Ant terminal : ANT 6  
Transmitting Frequency : 1909.550 MHz (49 ch)  
Frequency Range : 30MHz - 2.2GHz



**Antenna Conducted Spurious Emission Measurement**

Ant terminal : ANT 6  
Transmitting Frequency : 1909.550 MHz (49 ch)  
Frequency Range : 2.2GHz - 5.8GHz

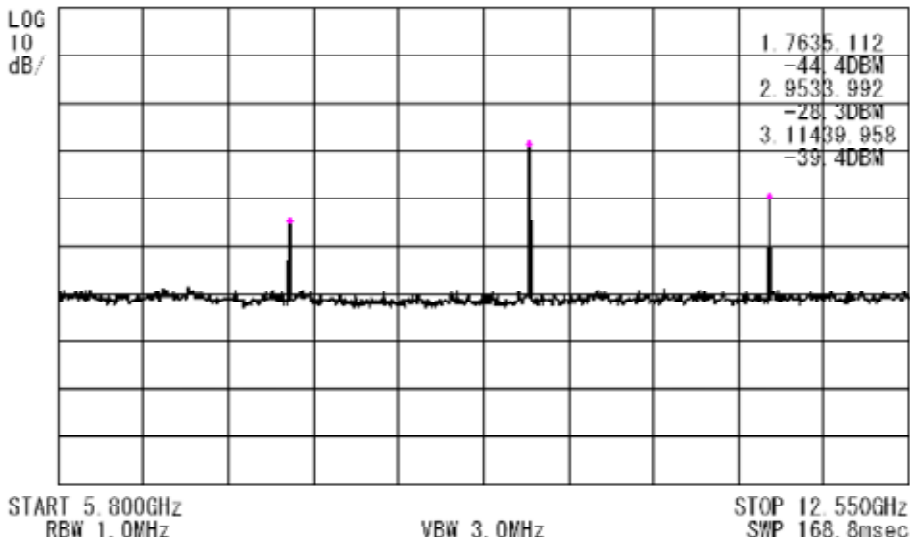
Antenna Conducted Spurious Emission  
ANT6 1909.550MHz (49ch) 2.2GHz-5.8GHz  
2004/03/19 15:03:25  
REF 0.0 DBM ATT 10dB



**Antenna Conducted Spurious Emission Measurement**

Ant terminal : ANT 6  
Transmitting Frequency : 1909.550 MHz (49 ch)  
Frequency Range : 5.8GHz - 12.55GHz

Antenna Conducted Spurious Emission  
ANT6 1909.550MHz (49ch) 5.8GHz-12.55GHz  
2004/03/19 17:22:53  
REF 0.0 DBM ATT 10dB



**Antenna Conducted Spurious Emission Measurement**

Ant terminal : ANT 6  
Transmitting Frequency : 1909.550 MHz (49 ch)  
Frequency Range : 12.55GHz - 20GHz

Antenna Conducted Spurious Emission  
ANT6 1909.550MHz (49ch) 12.55GHz-20GHz  
REF -10.0 DBM ATT 0dB

2004/03/19 18:53:11

