

Appendix 6 : Radiated Emission Measurements (for Restricted Bands)

A. Tx 5180 MHz ; Rx 4144 MHz

Operation Mode : Normal

Test Date : Aug. 09, 2002

Temperature : 25 °C

Humidity : 60 %

Frequency (MHz)	Reading (dBUV)				Factor (dB) Corr.	Result @3m (dBUV/m)		Limit @3m (dBUV/m)		Margin (dB)	Table Deg. (Deg.)	Ant. High (m)
	H Peak	V Ave	H Peak	V Ave		Peak	Ave	Peak	Ave.			
15550.000	54.5	42.9	53.2	42.0	8.9	63.4	51.8	74.0	54.0	-2.2	178	2.10

B. Tx 5220 MHz ; Rx 4176 MHz

Operation Mode : Normal

Test Date : Aug. 09, 2002

Temperature : 25 °C

Humidity : 60 %

Frequency (MHz)	Reading (dBUV)				Factor (dB) Corr.	Result @3m (dBUV/m)		Limit @3m (dBUV/m)		Margin (dB)	Table Deg. (Deg.)	Ant. High (m)
	H Peak	V Ave	H Peak	V Ave		Peak	Ave	Peak	Ave.			
15661.200	52.0	40.9	53.0	41.5	8.6	61.6	50.1	74.0	54.0	-3.9	210	2.00

C. Tx 5240 MHz ; Rx 4192 MHz

Operation Mode : Normal

Test Date : Aug. 09, 2002

Temperature : 25 °C

Humidity : 60 %

Frequency (MHz)	Reading (dBUV)				Factor (dB) Corr.	Result @3m (dBUV/m)		Limit @3m (dBUV/m)		Margin (dB)	Table Deg. (Deg.)	Ant. High (m)
	H Peak	V Ave	H Peak	V Ave		Peak	Ave	Peak	Ave.			
15721.300	48.9	38.3	52.0	40.8	8.5	60.5	49.3	74.0	54.0	-4.7	150	2.00

Note :

1. Item of margin shown in above table refer to average limit.
2. Remark “---” means that the emission level is too low to be measured, with a preamplifier of 35 dB.
3. Measuring data showed on above table was derived with peak detector function.
4. It is considered that the results of average comply with average limit when measuring data with a peak function detector meet the average limit. Mark “****” means that Peak result is meet average limit.
5. The expanded uncertainty of the radiated emission tests is 3.53 dB.

D. Tx 5260 MHz ; Rx 4208 MHz

Operation Mode : Normal

Test Date : Aug. 09, 2002

Temperature : 25 °C

Humidity : 60 %

Frequency (MHz)	Reading (dBuV)				Factor (dB) Corr.	Result @3m (dBuV/m)		Limit @3m (dBuV/m)		Margin (dB)	Table Deg. (Deg.)	Ant. High (m)
	H Peak	V Ave	H Peak	V Ave		Peak	Ave	Peak	Ave.			
15777.000	48.2	37.0	46.8	35.6	8.3	56.5	45.3	74.0	54.0	-8.7	243	1.50

E. Tx 5280 MHz ; Rx 4224 MHz

Operation Mode : Normal

Test Date : Aug. 09, 2002

Temperature : 25 °C

Humidity : 60 %

Frequency (MHz)	Reading (dBuV)				Factor (dB) Corr.	Result @3m (dBuV/m)		Limit @3m (dBuV/m)		Margin (dB)	Table Deg. (Deg.)	Ant. High (m)
	H Peak	V Ave	H Peak	V Ave		Peak	Ave	Peak	Ave.			
15840.200	50.3	38.8	46.5	35.1	8.2	58.5	47.0	74.0	54.0	-7.0	170	1.60

F. Tx 5320 MHz ; Rx 4256 MHz

Operation Mode : Normal

Test Date : Aug. 09, 2002

Temperature : 25 °C

Humidity : 60 %

Frequency (MHz)	Reading (dBuV)				Factor (dB) Corr.	Result @3m (dBuV/m)		Limit @3m (dBuV/m)		Margin (dB)	Table Deg. (Deg.)	Ant. High (m)
	H Peak	V Ave	H Peak	V Ave		Peak	Ave	Peak	Ave.			
10640.700	59.7	44.1	60.2	44.8	8.1	68.3	52.9	74.0	54.0	-1.1	195	1.30
15961.700	51.5	40.7	49.2	38.0	7.9	59.4	48.6	74.0	54.0	-5.4	173	1.10

Note :

1. Item of margin shown in above table refer to average limit.
2. Remark “---” means that the emission level is too low to be measured, with a preamplifier of 35 dB.
3. Measuring data showed on above table was derived with peak detector function.
4. It is considered that the results of average comply with average limit when measuring data with a peak function detector meet the average limit. Mark “****” means that Peak result is meet average limit.
5. The expanded uncertainty of the radiated emission tests is 3.53 dB.