APPENDIX
RADIO FREQUENCY ALLOCATION FOR 5.8 GHz 15/28/50 MB DIGITAL RADIO SYSTEM

1. GENERAL

This Appendix provides 5.8 GHz radio frequency band for use by each sub band as follows:

Table A-1 SUB BAND A for 15 MB System
(FCC Part101-Bandwidth 3.75 MHz)

Note: TX/RX frequency spacing: 77 MHz
Channel separation in 5 MHz

Table A-2 SUB BAND A for 28 MB System
(FCC Part101-Bandwidth 5 MHz)

Note: TX/RX frequency spacing: 77 MHz
Channel separation in 5 MHz

Table A-3 SUB BAND A for 50 MB System
(FCC Part101-Bandwidth 10 MHz)

Note: TX/RX frequency spacing: 77 MHz
Channel separation in 10 MHz

Table A-4 SUB BAND B for 15 MB System
(FCC Part101-Bandwidth 3.75
MHz)

Note: TX/RX frequency spacing: 77 MHz
Channel separation in 5 MHz

Table A-5 SUB BAND A for 28 MB System
(FCC Part101-Bandwidth 5 MHz)

Note: TX/RX frequency spacing: 77 MHz
Channel separation in 5 MHz

Table A-6 SUB BAND A for 50 MB System
(FCC Part101-Bandwidth 10 MHz)

Note: TX/RX frequency spacing: 77 MHz
Channel separation in 10 MHz

Caution: It is recommended that you connect the IDU to ODU after the TX/RX frequency setting has been set on the IDU.

Table A-1 5.8 GHz Band, Radio Frequency Allocation (SUB BAND A) (FCC Part101-Bandwidth 3.75 MHz)

CH Separation 5 MHz
Bandwidth 3.75 MHz for 15 MB System
Shift Freq 77 MHz

Low Band				High Band			
SUB BAND	CH	TX	RX	SUB BAND	CH	TX	RX
A	N/A	5730.000 to 5749.000 MHz in 125 KHz Steps	5807.000 to 5826.000 MHz in 125 KHz Steps	A	N/A	5807.000 to 5826.000 MHz in 125 KHz Steps	5730.000 to 5749.000 MHz in 125 KHz Steps

Table A-2 5.8 GHz Band, Radio Frequency Allocation (SUB BAND A) (FCC Part101-Bandwidth 5 MHz)

CH Separation 5 MHz
Bandwidth 5 MHz for 28 MB System
Shift Freq 77 MHz

Low Band				High Band			
SUB BAND	CH	TX	RX	SUB BAND	CH	TX	RX
A	N/A	5730.000 to 5749.000 MHz in 125 KHz Steps	5807.000 to 5826.000 MHz in 125 KHz Steps	A	N/A	5807.000 to 5826.000 MHz in 125 KHz Steps	5730.000 to 5749.000 MHz in 125 KHz Steps

Table A-3 5.8 GHz Band, Radio Frequency Allocation (SUB BAND A)
(FCC Part101-Bandwidth 10 MHz)

CH Separation 10 MHz
Bandwidth 10 MHz for 50 MB System
Shift Freq 77 MHz

Low Band				High Band			
SUB BAND	CH	TX	RX	SUB BAND	CH	TX	RX
A	N/A	5730.000 to 5749.000 MHz in 125 KHz Steps	5807.000 to 5826.000 MHz in 125 KHz Steps	A	N/A	5807.000 to 5826.000 MHz in 125 KHz Steps	5730.000 to 5749.000 MHz in 125 KHz Steps

Table A-4 5.8 GHz Band, Radio Frequency Allocation (SUB BAND B)
(FCC Part101-Bandwidth 3.75 MHz)

CH Separation 5 MHz
Bandwidth 3.75 MHz for 15 MB System
Shift Freq 77 MHz

Low Band				High Band			
SUB BAND	CH	TX	RX	SUB BAND	CH	TX	RX
B	N/A	5749.000 to 5773.000 MHz in 125 KHz Steps	5826.000 to 5845.000 MHz in 125 KHz Steps	B	N/A	5826.000 to 5845.000 MHz in 125 KHz Steps	5749.000 to 5773.000 MHz in 125 KHz Steps

Table A-5 5.8 GHz Band, Radio Frequency Allocation (SUB BAND A)
(FCC Part101-Bandwidth 5 MHz)

CH Separation 5 MHz
Bandwidth 5 MHz for 28 MB System
Shift Freq 77 MHz

Low Band				High Band			
SUB BAND	CH	TX	RX	SUB BAND	CH	TX	RX
B	N/A	5749.000 to 5773.000 MHz in 125 KHz Steps	5826.000 to 5845.000 MHz in 125 KHz Steps	B	N/A	5826.000 to 5845.000 MHz in 125 KHz Steps	5749.000 to 5773.000 MHz in 125 KHz Steps

Table A-6 5.8 GHz Band, Radio Frequency Allocation (SUB BAND A)
(FCC Part101-Bandwidth 10 MHz)

CH Separation 10 MHz
Bandwidth 10 MHz for 50 MB System
Shift Freq 77 MHz

Low Band				High Band			
SUB BAND	CH	TX	RX	SUB BAND	CH	TX	RX
B	N/A	5749.000 to 5773.000 MHz in 125 KHz Steps	5826.000 to 5845.000 MHz in 125 KHz Steps	B	N/A	5826.000 to 5845.000 MHz in 125 KHz Steps	5749.000 to 5773.000 MHz in 125 KHz Steps