



Control Setting Tables

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Intelligent Forward Amplifier Module (IFAM) Control Settings

Item	Units	Center Frequencies Range	Center Frequencies Default	
Low band edge for AGC/Auto setup, port 1	MHz	50 – 200	105	
High band edge for AGC/Auto setup, port 1	MHz	750 - 1200	987	
Low band edge for AGC/Auto setup, port 2	MHz	50 – 200	105	
High band edge for AGC/Auto setup, port 2	MHz	750 - 1200	987	
Low band edge for AGC/Auto setup, port 4	MHz	50 – 200	105	
High band edge for AGC/Auto setup, port 4	MHz	750 - 1200	987	
Low band edge for AGC/Auto setup, port 5	MHz	50 – 200	105	
High band edge for AGC/Auto setup, port 5	MHz	750 - 1200	987	
Atten setting, port 1	dB	0 – 15	0	Not user accessible
Eq setting, port 1	dB	0 – 15	0	Not user accessible

Item	Units	Center Frequencies Range	Center Frequencies Default	
Atten setting, port 2	dB	0 – 15	0	Not user accessible
Eq setting, port 2	dB	0 – 15	0	Not user accessible
Atten setting, port 4	dB	0 – 15	0	Not user accessible
Eq setting, port 4	dB	0 – 15	0	Not user accessible
Atten setting, port 5	dB	0 – 15	0	Not user accessible
Eq setting, port 5	dB	0 – 15	0	Not user accessible
AGC enable, port 1	n/a	On – off	On	
AGC enable, port 2	n/a	On – off	On	
AGC enable, port 4	n/a	On – off	On	
AGC enable, port 5	n/a	On – off	On	
Bias current, port 1	n/a	Low-high	high	Auto set per port based on highest active freq.
Bias current, port 2	n/a	Low-high	high	Auto set per port based on highest active freq.
Bias current, port 4	n/a	Low-high	high	Auto set per port based on highest active freq.
Bias current, port 5	n/a	Low-high	high	Auto set per port based on highest active freq.
Port 1 amplifier control	n/a	On – off	On	DC power control
Port 2 amplifier control	n/a	On – off	On	DC power control
Port 4 amplifier control	n/a	On – off	On	DC power control
Port 5 amplifier control	n/a	On – off	On	DC power control

Intelligent Reverse Amplifier Module (IRAM) Control Settings

Item	Units	Range	Default
Atten setting, port 1	dB	0 - 10	0
Atten setting, port 2	dB	0 - 10	0
Atten setting, port 4	dB	0 - 10	0

Item	Units	Range	Default
Atten setting, port 5	dB	0 - 10	0
Input enable, port 1	n/a	Off - On	On
Input enable, port 2	n/a	Off - On	On
Input enable, port 4	n/a	Off - On	On
Input enable, port 5	n/a	Off - On	On

Optical Interface Board (OIB) Control Settings

Item	Units	Range	Default	
Atten setting, receiver	dB	0 - 30	0	Not user accessible
Atten setting, rphy	dB	0 - 30	0	Not user accessible
Atten setting, tx	dB	0 - 10	0	Not user accessible
Atten setting, rphy	dB	0 - 30	0	Not user accessible
Output port (port 1 + port 2)	n/a	0 - 1	0	Tx1 (0) or RPHY (1)
Output port (port 4 + port 5)	n/a	0 - 1	0	Tx1 (0) or RPHY (1)
Spectrum analyzer input select	n/a	0 - 10	0	Per LCS 0 = Port 1 forward 1 = Port 1 reverse 2 = Port 2 forward 3 = Port 2 reverse 4 = Port 4 forward 5 = Port 4 reverse 6 = Port 5 forward 7 = Port 5 reverse 8 = Reverse port 1 + 2 9 = Reverse port 4 + 5 10 = Reverse port 1 + 2 + 4 + 5

