



Frequencies Optimization®

Model #: 515565

Product Description: Frequencies Optimization Connect 3G

Manufacturer Specification: October 2014



515565		2100MHz Band (Band 1)		1800MHz Band (Band 3)		900MHz Band (Band 8)	
		Uplink	Downlink	Uplink	Downlink	Uplink	Downlink
Frequency Band	Max	1980 MHz	2170 MHz	1710 MHz	1805 MHz	915 MHz	960 MHz
	Min	1920 MHz	2110 MHz	1785 MHz	1880MHz	880 MHz	925 MHz
Gain with no AGC active	Max	74dB	75dB	71dB	72dB	80dB	82dB
	Nominal	65dB	65dB	63dB	63dB	67dB	67dB
	Min	50dB	51dB	47dB	48dB	56dB	58dB
Gain Slope	Max pk to pk	16dB	16dB	20dB	20dB	16dB	16dB
Down Link Output Power	Max	-	15dBm	-	17dBm	-	20dBm
	Min	-	-15dBm	-	-13dBm	-	-10dBm
Up Link Output Power	Max	30dBm	-	30dBm	-	30dBm	-
	Min	0dBm	-	0dBm	-	0dBm	-
Connector Types	Uplink	F Female 75 Ohm					
	Downlink	F Female 75 Ohm					
DC Power Requirement	Max	5.5V DC					
	Min	4.7V DC					
Current Draw at 5.5V	Max	2.5A					
Power Supply Connector Type		2.5mm					
Dimension		16.5 x 10.7 x 4.4 cm					
Weight		0.580 kg					
All specs are for room temperature.							

