

TABULAR DATA SHEET

RF Power Output

Cellular Specialties, Inc.

R-4609N-3

Dual Band Bidirectional Amplifier

CSI-BDA61080-C/P

CC060014

FCC Part 2

Paragraph: 2.1046

Amplifying input signal

Max Input Single Channel

M.Seamans

8/16/2006

Low Band - Uplink Frequency Range: 824-849 MHz

Downlink Frequency Range: 869-894 MHz

High Band - Uplink Frequency Range: 1850MHz -1910MHz

Downlink Frequency Range: 1930MHz to 1990MHz

[illegible]

EMISSIONS DATA SHEET

Test Method:	Spurious Radiated Emissions (ERP) 30 MHz to 20 GHz		
Customer:	Cellular Specialties, Inc.	Job No:	R-4609N-3
Test Sample:	Dual Band Bidirectional Amplifier		
Model No:	CSI-BDA61080-C/P	Serial No:	CC060014
Test Specification:	FCC Part 2 Paragraph: 2.1053		
Operating Mode:	Amplifying input signal		
Technician:	T. Hannemann	Date:	8/28/2006
Notes:	Uplink Frequency Range: 824-849 MHz Testing performed at 3 input frequencies, 825 MHz, 835 MHz, 848 MHz Peak Detector Modulation: CW		

[illegible]

No EUT emissions observed within 10 dB of the limit at any test distance.

EMISSIONS DATA SHEET

Test Method:	Spurious Radiated Emissions (ERP) 30 MHz to 20 GHz		
Customer:	Cellular Specialties, Inc.	Job No:	R-4609N-3
Test Sample:	Dual Band Bidirectional Amplifier		
Model No:	CSI-BDA61080-C/P	Serial No:	CC060014
Test Specification:	FCC Part 2 Paragraph: 2.1053		
Operating Mode:	Amplifying input signal		
Technician:	T. Hannemann	Date:	8/28/2006
Notes:	Downlink Frequency Range: 869-894 MHz Testing performed at 3 input frequencies 870 MHz, 880 MHz, 893 MHz Peak Detector Modulation: CW		

[illegible]

EMISSIONS DATA SHEET

Test Method:	Spurious Radiated Emissions (ERP) 30 MHz to 20 GHz		
Customer:	Cellular Specialties, Inc.	Job No:	R-4609N-3
Test Sample:	Dual Band Bidirectional Amplifier		
Model No:	CSI-BDA61080-C/P	Serial No:	CC060014
Test Specification:	FCC Part 2 Paragraph: 2.1053		
Operating Mode:	Amplifying input signal		
Technician:	T. Hannemann	Date:	8/28/2006
Notes:	Uplink Frequency Range: 1850-1910 MHz Testing performed at 3 input frequencies, 1851MHz, 1870MHz, 1909MHz Peak Detector Modulation: CW		

[illegible]

EMISSIONS DATA SHEET

Test Method:	Spurious Radiated Emissions (ERP) 30 MHz to 20 GHz		
Customer:	Cellular Specialties, Inc.	Job No:	R-4609N-3
Test Sample:	Dual Band Bidirectional Amplifier		
Model No:	CSI-BDA61080-C/P	Serial No:	CC060014
Test Specification:	FCC Part 2 Paragraph: 2.1053		
Operating Mode:	Amplifying input signal		
Technician:	T. Hannemann	Date:	8/28/2006
Notes:	Downlink Frequency Range: 1930-1990 MHz Testing performed at 3 input frequencies, 1930MHz, 1960 MHz, 1989MHz Peak Detector Modulation: CW		

[illegible]

No EUT emissions observed within 10 dB of the limit at any test distance.

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Spurious Emissions at the Antenna Terminals 30 MHz to 20 GHz		
Customer:	Cellular Specialties, Inc.	Job No.:	R-4609N-3
Test Sample:	Dual Band Bidirectional Amplifier		
Model No.:	CSIBDA61080-C/P	Serial No.:	CC060014
Test Specification:	FCC Part 2 Paragraph: 2.1051		
Operating Mode:	Amplifying input signal		
Technician:	M.Seamans	Date:	8/16/2006
Notes:	FM/GSM, TDMA and CDMA modulations tested, no spurious emissions observed with any modulation type.		

[illegible]

No emissions observed above the test equipment noise floor which was a minimum of 20dB below the limit.

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:

Spurious Emissions at the Antenna Terminals 30 MHz to 20 GHz

Customer:

Cellular Specialties, Inc.

Job No:

R-4608N-3

Test Sample:

Dual Band Bidirectional Amplifier

Model No:

CSIBDA61080-C/P

Serial No:

CC060014

Test Specification:

FCC Part 2

Paragraph: 2.1051

Operating Mode:

Amplifying input signal

Technician:

M.Seamans

Date:

8/16/2006

Notes:

FM/GSM, TDMA and CDMA modulations tested, no spurious emissions observed with any modulation type.

[illegible]

No emissions observed above the test equipment noise floor which was a minimum of 20dB below the limit.

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:

Spurious Emissions at the Antenna Terminals 30 MHz to 20 GHz

Customer:

Cellular Specialties, Inc.

Job No:

R-4609N-3

Test Sample:

Dual Band Bidirectional Amplifier

Model No:

CSIBDA61080-C/P

Serial No:

CC060014

Test Specification:

FCC Part 2

Paragraph: 2.1051

Operating Mode:

Amplifying input signal

Technician:

M.Seamans

Date:

8/16/2006

Notes:

FM/GSM, TDMA and CDMA modulations tested, no spurious emissions observed with any modulation type.

[illegible]

No emissions observed above the test equipment noise floor which was a minimum of 20dB below the limit.

EMISSIONS DATA SHEET

Spurious Emissions at the Antenna Terminals 30 MHz to 20.0 GHz

Cellular Specialties, Inc.

R-4609N-3

Dual Band Bidirectional Amplifier

CSIBDA610-C/P

CC060014

Dual Band Bidirectional Amplifier

Paragraph: 2.1051

Amplifying input signal

M.Seamans

8/16/2006

FM/GSM, TDMA, and CDMA modulations tested, no spurious emissions observed with any modulation type.

No emissions observed above the test equipment noise floor which was a minimum of 20 dB below the limit.

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:

Spurious Emissions at the Antenna Terminals 30 MHz to 20.0 GHz

Customer:

Cellular Specialties, Inc.

Job No:

R-4609N-1

Test Sample:

Dual Band Bidirectional Amplifier

Model No:

CSIBDA610-C/P

Serial No:

CC060014

Test Specification:

Dual Band Bidirectional Amplifier

Paragraph: 2.1051

Operating Mode:

Amplifying input signal

Technician:

M.Seamans

Date:

8/16/2006

Notes:

FM/GSM, TDMA, and CDMA modulations tested, no spurious emissions observed with any modulation type.

[illegible]

No emissions observed above the test equipment noise floor which was a minimum of 20 dB below the limit.