

2.1033(c)(14)/2.1055/22.355/24.235- FREQUENCY STABILITY**Customer:** Anydata**Date:** 16-Apr-02**WO#:** 78691**Test Engineer:** Dustin Oaks**Part 22.355: 800 MHz Band**

Frequency: 836.52 MHz

Temperature	DC Voltage	Frequency (MHz)	Deviation (MHz)	Limit (MHz)
-30	12	836.52102	0.00102	.0020913
-20	12	836.52100	0.00100	.0020913
-10	12	836.52090	0.00090	.0020913
0	12	836.52095	0.00095	.0020913
10	12	836.52096	0.00096	.0020913
20	10.2	836.52032	0.00032	.0020913
20	12	836.52030	0.00030	.0020913
20	13.8	836.52045	0.00045	.0020913
30	12	836.52070	0.00070	.0020913
40	12	836.52021	0.00021	.0020913
50	12	836.51991	0.00009	.0020913

RSS-129 (9.2.2): 800MHz Band

Frequency: 836.52 MHz

Temperature Vs. Power

Reference Power = 23.9 dBm

<u>Temperature</u>	<u>Deviation</u>	<u>Power</u>
(Celsius)	(dB)	(dBm)
-30	0.40	23.5
-20	0.20	23.7
-10	0.70	23.2
0	0.80	23.1
10	0.40	23.5
20	0.40	23.5
30	0.30	23.6
40	0.20	23.7
50	0.10	23.8
60	0.00	23.9

Frequency: 836.52 MHz

Voltage Vs. Power

Reference Power = 23.9 dBm

Nominal Voltage is 12Vdc.

<u>Voltage</u>	<u>Voltage</u>	<u>Deviation</u>	<u>Power</u>
(Dc)	(DC)	(dB)	(dBm)
85%	10.2	0.10	23.8
115%	13.8	0.20	23.7

Part 24.235: 1900 MHz Band

Frequency: 1851.25 MHz

Temperature	DC Voltage	Frequency (MHz)	Deviation (MHz)	Limit (MHz)
-30	12	1851.21	0.04	Stays within the authorized Band
-20	12	1851.25	0	Stays within the authorized Band
-10	12	1851.27	0.02	Stays within the authorized Band
0	12	1851.26	0.01	Stays within the authorized Band
10	12	1851.28	0.03	Stays within the authorized Band
20	10.2	1851.24	0.01	Stays within the authorized Band
20	12	1851.25	0	Stays within the authorized Band
20	13.8	1851.30	0.05	Stays within the authorized Band
30	12	1851.22	0.03	Stays within the authorized Band
40	12	1851.22	0.03	Stays within the authorized Band
50	12	1851.23	0.02	Stays within the authorized Band

Frequency: 1980.75 MHz

Temperature	DC Voltage	Frequency (MHz)	Deviation (MHz)	Limit (MHz)
-30	12	1908.79	0.04	Stays within the authorized Band
-20	12	1908.73	0.02	Stays within the authorized Band
-10	12	1908.74	0.01	Stays within the authorized Band
0	12	1908.79	0.04	Stays within the authorized Band
10	12	1908.76	0.01	Stays within the authorized Band
20	10.2	1908.77	0.02	Stays within the authorized Band
20	12	1908.74	0.01	Stays within the authorized Band
20	13.8	1908.73	0.02	Stays within the authorized Band
30	12	1908.76	0.01	Stays within the authorized Band
40	12	1908.77	0.02	Stays within the authorized Band
50	12	1908.72	0.03	Stays within the authorized Band