

-25DB MAX VALUE FOR -12.5K TO -24.99K -12500 -29.60
-30DB MAX VALUE FOR -25.0K TO -44.00K -26500 -34.90

BEACON SN 2007_12_21_02_hightempafter24hr
TIME START 2:17:56 PM
DATE START 12/21/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.40

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.10

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -62.80

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.70

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.08795E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.36711E+02
AUDIO FREQ HIGH PASS AT +1.51488E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5010E6

-25DB MAX VALUE FOR 12.5K TO 24.99K 12500 -30.00
-30DB MAX VALUE FOR 25.0K TO 44.00K 27000 -34.80
-25DB MAX VALUE FOR -12.5K TO -24.99K -12500 -29.60
-30DB MAX VALUE FOR -25.0K TO -44.00K -26700 -34.90

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0021E6

-25DB MAX VALUE FOR 12.5K TO 24.99K 12500 -29.90
-30DB MAX VALUE FOR 25.0K TO 44.00K 26800 -34.70
-25DB MAX VALUE FOR -12.5K TO -24.99K -12500 -29.30
-30DB MAX VALUE FOR -25.0K TO -44.00K -26600 -34.70

BEACON SN 2007_12_21_02_hightempafter24hr
TIME START 2:48:08 PM
DATE START 12/21/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.40

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.20

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -63.00

BEACON 243 85% MINIMUM MODULATION DEPTH PASS

-22DB MODULATION DEPTH LIMIT -54.70

BEACON DUTY CYCLE A PASS

DUTY CYCLE A PASS AT +6.08829E-01

AUDIO FREQ PASS

AUDIO FREQ LOW PASS AT +3.35602E+02

AUDIO FREQ HIGH PASS AT +1.47079E+03

BEACON 121 SIDEBAND PASS

CENTER FREQ PASS AT 121.5011E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12700	-30.00
-30DB MAX VALUE FOR	25.0K TO 44.00K	26900	-34.80
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.50
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26700	-34.90

BEACON 243 SIDEBAND PASS

CENTER FREQ PASS AT 243.0020E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12800	-30.00
-30DB MAX VALUE FOR	25.0K TO 44.00K	26800	-34.70
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.60
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26500	-34.80

BEACON SN 2007_12_21_02_hightempaafter24hr

TIME START 3:18:14 PM

DATE START 12/21/02

BEACON 121 OUTPUT POWER PASS

121 POWER PASS AT 19.40

BEACON 243 OUTPUT POWER PASS

243 POWER PASS AT 20.10

BEACON 121 85% MINIMUM MODULATION DEPTH PASS

-22DB MODULATION DEPTH LIMIT -62.50

BEACON 243 85% MINIMUM MODULATION DEPTH PASS

-22DB MODULATION DEPTH LIMIT -54.90

BEACON DUTY CYCLE A PASS

DUTY CYCLE A PASS AT +5.93848E-01

AUDIO FREQ PASS

AUDIO FREQ LOW PASS AT +3.37449E+02

AUDIO FREQ HIGH PASS AT +1.51303E+03

BEACON 121 SIDEBAND PASS

CENTER FREQ PASS AT 121.5010E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-29.90
-30DB MAX VALUE FOR	25.0K TO 44.00K	27300	-34.70
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.50

-30DB MAX VALUE FOR -25.0K TO -44.00K -26500 -34.80

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0019E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-30.10
-30DB MAX VALUE FOR	25.0K TO 44.00K	26900	-34.80
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.70
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26700	-34.90

BEACON SN 2007_12_21_02_hightempaafter24hr
TIME START 3:48:27 PM
DATE START 12/21/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.40

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.10

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -63.20

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.80

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.09886E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.35554E+02
AUDIO FREQ HIGH PASS AT +1.47085E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5011E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12900	-30.00
-30DB MAX VALUE FOR	25.0K TO 44.00K	26400	-34.90
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.60
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26500	-34.90

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0021E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12600	-29.90
-30DB MAX VALUE FOR	25.0K TO 44.00K	26800	-34.70
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.40
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26700	-34.70

BEACON SN 2007_12_21_02_hightempaafter24hr
TIME START 4:18:37 PM
DATE START 12/21/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.40

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.20

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -62.70

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.70

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.13592E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.54582E+02
AUDIO FREQ HIGH PASS AT +1.51029E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5011E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12700	-30.00
-30DB MAX VALUE FOR	25.0K TO 44.00K	26900	-34.80
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.50
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26800	-34.90

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0019E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-30.00
-30DB MAX VALUE FOR	25.0K TO 44.00K	26900	-34.80
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.60
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26500	-34.80

BEACON SN 2007_12_21_02_hightempaafter24hr
TIME START 4:48:49 PM
DATE START 12/21/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.30

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.10

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -62.80

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.90

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.09361E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.62302E+02
AUDIO FREQ HIGH PASS AT +1.50126E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5010E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12800	-29.90
-30DB MAX VALUE FOR	25.0K TO 44.00K	25600	-34.80
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12600	-29.50
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26600	-34.80

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0020E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12600	-30.00
-30DB MAX VALUE FOR	25.0K TO 44.00K	26900	-34.80
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.60
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26600	-34.80

BEACON SN 2007_12_21_02_hightempaafter24hr
TIME START 5:18:58 PM
DATE START 12/21/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.30

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.10

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -62.90

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.70

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.09169E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.62427E+02
AUDIO FREQ HIGH PASS AT +1.51301E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5011E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12700	-29.60
-30DB MAX VALUE FOR	25.0K TO 44.00K	27000	-34.40
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.00
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26600	-34.50

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0020E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-30.00
-30DB MAX VALUE FOR	25.0K TO 44.00K	25600	-34.80
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.50
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26600	-34.80

BEACON SN 2007_12_21_02_hightempaafter24hr

TIME START 5:49:11 PM
DATE START 12/21/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.30

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.10

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -62.90

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.80

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.09405E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.35518E+02
AUDIO FREQ HIGH PASS AT +1.47556E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5013E6

-25DB MAX VALUE FOR 12.5K TO 24.99K	12500	-29.90
-30DB MAX VALUE FOR 25.0K TO 44.00K	25900	-34.70
-25DB MAX VALUE FOR -12.5K TO -24.99K	-12500	-29.10
-30DB MAX VALUE FOR -25.0K TO -44.00K	-27000	-34.70

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0020E6

-25DB MAX VALUE FOR 12.5K TO 24.99K	12500	-29.70
-30DB MAX VALUE FOR 25.0K TO 44.00K	26800	-34.50
-25DB MAX VALUE FOR -12.5K TO -24.99K	-12500	-29.10
-30DB MAX VALUE FOR -25.0K TO -44.00K	-26600	-34.50

BEACON SN 2007_12_21_02_hightempaafter24hr
TIME START 6:19:24 PM
DATE START 12/21/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.30

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.10

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -62.70

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.70

BEACON DUTY CYCLE A PASS

DUTY CYCLE A PASS AT +6.11410E-01

AUDIO FREQ PASS

AUDIO FREQ LOW PASS AT +3.70314E+02

AUDIO FREQ HIGH PASS AT +1.51391E+03

BEACON 121 SIDEBAND PASS

CENTER FREQ PASS AT 121.5012E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-29.90
-30DB MAX VALUE FOR	25.0K TO 44.00K	26700	-34.80
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.40
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26700	-34.80

BEACON 243 SIDEBAND PASS

CENTER FREQ PASS AT 243.0021E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-29.90
-30DB MAX VALUE FOR	25.0K TO 44.00K	26600	-34.70
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.40
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26700	-34.70

BEACON SN 2007_12_21_02_hightempaafter24hr

TIME START 6:49:36 PM

DATE START 12/21/02

BEACON 121 OUTPUT POWER PASS

121 POWER PASS AT 19.40

BEACON 243 OUTPUT POWER PASS

243 POWER PASS AT 20.10

BEACON 121 85% MINIMUM MODULATION DEPTH PASS

-22DB MODULATION DEPTH LIMIT -62.50

BEACON 243 85% MINIMUM MODULATION DEPTH PASS

-22DB MODULATION DEPTH LIMIT -54.60

BEACON DUTY CYCLE A PASS

DUTY CYCLE A PASS AT +6.09968E-01

AUDIO FREQ PASS

AUDIO FREQ LOW PASS AT +3.57052E+02

AUDIO FREQ HIGH PASS AT +1.51170E+03

BEACON 121 SIDEBAND PASS

CENTER FREQ PASS AT 121.5011E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	13300	-30.00
-30DB MAX VALUE FOR	25.0K TO 44.00K	26900	-34.80
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12600	-29.50
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26600	-34.90

BEACON 243 SIDEBAND PASS

CENTER FREQ PASS AT 243.0020E6

-25DB MAX VALUE FOR 12.5K TO 24.99K 12600 -30.10
-30DB MAX VALUE FOR 25.0K TO 44.00K 25600 -34.90
-25DB MAX VALUE FOR -12.5K TO -24.99K -12600 -29.60
-30DB MAX VALUE FOR -25.0K TO -44.00K -26500 -34.90

BEACON SN 2007_12_21_02_hightempaafter24hr
TIME START 7:19:45 PM
DATE START 12/21/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.40

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.10

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -62.80

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.90

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.09293E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.35607E+02
AUDIO FREQ HIGH PASS AT +1.51409E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5011E6

-25DB MAX VALUE FOR 12.5K TO 24.99K 12600 -30.00
-30DB MAX VALUE FOR 25.0K TO 44.00K 26200 -34.90
-25DB MAX VALUE FOR -12.5K TO -24.99K -12500 -29.60
-30DB MAX VALUE FOR -25.0K TO -44.00K -26600 -34.90

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0019E6

-25DB MAX VALUE FOR 12.5K TO 24.99K 12500 -29.60
-30DB MAX VALUE FOR 25.0K TO 44.00K 27000 -34.40
-25DB MAX VALUE FOR -12.5K TO -24.99K -12500 -29.20
-30DB MAX VALUE FOR -25.0K TO -44.00K -26400 -34.40

BEACON SN 2007_12_21_02_hightempaafter24hr
TIME START 7:49:53 PM
DATE START 12/21/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.30

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.20

BEACON 121 85% MINIMUM MODULATION DEPTH PASS

-22DB MODULATION DEPTH LIMIT -62.80

BEACON 243 85% MINIMUM MODULATION DEPTH PASS

-22DB MODULATION DEPTH LIMIT -54.70

BEACON DUTY CYCLE A PASS

DUTY CYCLE A PASS AT +6.11690E-01

AUDIO FREQ PASS

AUDIO FREQ LOW PASS AT +3.35518E+02

AUDIO FREQ HIGH PASS AT +1.51578E+03

BEACON 121 SIDEBAND PASS

CENTER FREQ PASS AT 121.5012E6

-25DB MAX VALUE FOR 12.5K TO 24.99K 12800 -30.00

-30DB MAX VALUE FOR 25.0K TO 44.00K 27000 -34.80

-25DB MAX VALUE FOR -12.5K TO -24.99K -12500 -29.40

-30DB MAX VALUE FOR -25.0K TO -44.00K -26700 -34.90

BEACON 243 SIDEBAND PASS

CENTER FREQ PASS AT 243.0020E6

-25DB MAX VALUE FOR 12.5K TO 24.99K 12800 -30.10

-30DB MAX VALUE FOR 25.0K TO 44.00K 25500 -34.90

-25DB MAX VALUE FOR -12.5K TO -24.99K -12500 -29.60

-30DB MAX VALUE FOR -25.0K TO -44.00K -26700 -34.90

BEACON SN 2007_12_21_02_hightempafter24hr

TIME START 8:20:05 PM

DATE START 12/21/02

BEACON 121 OUTPUT POWER PASS

121 POWER PASS AT 19.40

BEACON 243 OUTPUT POWER PASS

243 POWER PASS AT 20.10

BEACON 121 85% MINIMUM MODULATION DEPTH PASS

-22DB MODULATION DEPTH LIMIT -63.00

BEACON 243 85% MINIMUM MODULATION DEPTH PASS

-22DB MODULATION DEPTH LIMIT -54.70

BEACON DUTY CYCLE A PASS

DUTY CYCLE A PASS AT +6.10935E-01

AUDIO FREQ PASS

AUDIO FREQ LOW PASS AT +3.56952E+02

AUDIO FREQ HIGH PASS AT +1.51366E+03

BEACON 121 SIDEBAND PASS

CENTER FREQ PASS AT 121.5012E6

-25DB MAX VALUE FOR 12.5K TO 24.99K 12600 -30.00
-30DB MAX VALUE FOR 25.0K TO 44.00K 26700 -34.80
-25DB MAX VALUE FOR -12.5K TO -24.99K -12500 -29.40
-30DB MAX VALUE FOR -25.0K TO -44.00K -26700 -34.90

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0020E6

-25DB MAX VALUE FOR 12.5K TO 24.99K 12500 -30.00
-30DB MAX VALUE FOR 25.0K TO 44.00K 26100 -34.80
-25DB MAX VALUE FOR -12.5K TO -24.99K -12500 -29.50
-30DB MAX VALUE FOR -25.0K TO -44.00K -26600 -34.80

BEACON SN 2007_12_21_02_hightempafter24hr
TIME START 8:50:16 PM
DATE START 12/21/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.40

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.20

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -62.70

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.90

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.12379E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.56418E+02
AUDIO FREQ HIGH PASS AT +1.47193E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5010E6

-25DB MAX VALUE FOR 12.5K TO 24.99K 12500 -29.80
-30DB MAX VALUE FOR 25.0K TO 44.00K 26200 -34.70
-25DB MAX VALUE FOR -12.5K TO -24.99K -12500 -29.40
-30DB MAX VALUE FOR -25.0K TO -44.00K -26500 -34.70

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0020E6

-25DB MAX VALUE FOR 12.5K TO 24.99K 12600 -30.10
-30DB MAX VALUE FOR 25.0K TO 44.00K 26700 -34.90
-25DB MAX VALUE FOR -12.5K TO -24.99K -12500 -29.50
-30DB MAX VALUE FOR -25.0K TO -44.00K -26600 -34.90

BEACON SN 2007_12_21_02_hightempafter24hr
TIME START 9:20:26 PM
DATE START 12/21/02

BEACON 121 OUTPUT POWER PASS

121 POWER PASS AT 19.40

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.10

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -62.90

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.80

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.09900E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.35571E+02
AUDIO FREQ HIGH PASS AT +1.48663E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5009E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-29.90
-30DB MAX VALUE FOR	25.0K TO 44.00K	25900	-34.80
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.50
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26500	-34.80

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0019E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12800	-29.80
-30DB MAX VALUE FOR	25.0K TO 44.00K	26800	-34.70
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12800	-29.50
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26700	-34.60

BEACON SN 2007_12_21_02_hightempafter24hr
TIME START 9:50:34 PM
DATE START 12/21/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.40

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.20

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -63.00

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.70

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.14358E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +4.09774E+02
AUDIO FREQ HIGH PASS AT +1.50356E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5011E6

-25DB MAX VALUE FOR	12.5K TO	24.99K	12900	-30.00
-30DB MAX VALUE FOR	25.0K TO	44.00K	26100	-34.90
-25DB MAX VALUE FOR	-12.5K TO	-24.99K	-12600	-29.50
-30DB MAX VALUE FOR	-25.0K TO	-44.00K	-26800	-34.80

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0020E6

-25DB MAX VALUE FOR	12.5K TO	24.99K	12500	-30.10
-30DB MAX VALUE FOR	25.0K TO	44.00K	26100	-34.90
-25DB MAX VALUE FOR	-12.5K TO	-24.99K	-12500	-29.60
-30DB MAX VALUE FOR	-25.0K TO	-44.00K	-26500	-34.90

BEACON SN 2007_12_21_02_hightempafter24hr
TIME START 10:20:40 PM
DATE START 12/21/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.40

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.20

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -62.60

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.70

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.09904E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.57045E+02
AUDIO FREQ HIGH PASS AT +1.47145E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5010E6

-25DB MAX VALUE FOR	12.5K TO	24.99K	12600	-30.00
-30DB MAX VALUE FOR	25.0K TO	44.00K	27000	-34.80
-25DB MAX VALUE FOR	-12.5K TO	-24.99K	-12600	-29.60
-30DB MAX VALUE FOR	-25.0K TO	-44.00K	-26400	-34.90

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0021E6

-25DB MAX VALUE FOR	12.5K TO	24.99K	12500	-29.80
-30DB MAX VALUE FOR	25.0K TO	44.00K	25600	-34.70
-25DB MAX VALUE FOR	-12.5K TO	-24.99K	-12500	-29.30

-30DB MAX VALUE FOR -25.0K TO -44.00K -27000 -34.60

BEACON SN 2007_12_21_02_hightempafter24hr
TIME START 10:50:56 PM
DATE START 12/21/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.40

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.20

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -62.70

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.80

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.15513E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.56985E+02
AUDIO FREQ HIGH PASS AT +1.51129E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5013E6

-25DB MAX VALUE FOR 12.5K TO 24.99K	12500	-29.80
-30DB MAX VALUE FOR 25.0K TO 44.00K	26700	-34.60
-25DB MAX VALUE FOR -12.5K TO -24.99K	-12500	-29.10
-30DB MAX VALUE FOR -25.0K TO -44.00K	-27100	-34.60

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0018E6

-25DB MAX VALUE FOR 12.5K TO 24.99K	13000	-29.80
-30DB MAX VALUE FOR 25.0K TO 44.00K	27100	-34.60
-25DB MAX VALUE FOR -12.5K TO -24.99K	-12500	-29.40
-30DB MAX VALUE FOR -25.0K TO -44.00K	-26600	-34.60

BEACON SN 2007_12_21_02_hightempafter24hr
TIME START 11:21:02 PM
DATE START 12/21/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.40

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.10

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -62.60

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.70

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +5.86370E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.35640E+02
AUDIO FREQ HIGH PASS AT +1.49840E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5010E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12800	-29.90
-30DB MAX VALUE FOR	25.0K TO 44.00K	26900	-34.70
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.40
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26500	-34.80

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0018E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-29.60
-30DB MAX VALUE FOR	25.0K TO 44.00K	27000	-34.40
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.30
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26400	-34.50

BEACON SN 2007_12_21_02_hightempaafter24hr
TIME START 11:51:11 PM
DATE START 12/21/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.40

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.10

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -62.60

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.70

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.13234E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.35952E+02
AUDIO FREQ HIGH PASS AT +1.51546E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5011E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-30.10
-30DB MAX VALUE FOR	25.0K TO 44.00K	26900	-34.90
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.60
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26900	-34.90

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0020E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-29.90
-30DB MAX VALUE FOR	25.0K TO 44.00K	26400	-34.70
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12600	-29.40
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26700	-34.60

BEACON SN 2007_12_21_02_hightempaafter24hr
TIME START 12:21:20 AM
DATE START 12/22/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.40

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.20

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -62.70

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.70

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.11389E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.35568E+02
AUDIO FREQ HIGH PASS AT +1.51432E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5011E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12700	-29.90
-30DB MAX VALUE FOR	25.0K TO 44.00K	27000	-34.80
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.50
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26600	-34.90

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0019E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-30.00
-30DB MAX VALUE FOR	25.0K TO 44.00K	26100	-34.80
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12600	-29.50
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26500	-34.80

BEACON SN 2007_12_21_02_hightempaafter24hr
TIME START 12:51:32 AM
DATE START 12/22/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.40

BEACON 243 OUTPUT POWER PASS

243 POWER PASS AT 20.20

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -62.90

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.50

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.09764E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.57006E+02
AUDIO FREQ HIGH PASS AT +1.51612E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5011E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12700	-30.10
-30DB MAX VALUE FOR	25.0K TO 44.00K	26800	-34.90
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.50
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26600	-35.00

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0020E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12600	-30.00
-30DB MAX VALUE FOR	25.0K TO 44.00K	25600	-34.90
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.50
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26900	-34.80

BEACON SN 2007_12_21_02_hightempaafter24hr
TIME START 1:21:38 AM
DATE START 12/22/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.40

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.20

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -63.10

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.70

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.06288E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.36054E+02
AUDIO FREQ HIGH PASS AT +1.51505E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5012E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12800	-29.80
-30DB MAX VALUE FOR	25.0K TO 44.00K	27000	-34.60
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.20
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26900	-34.60

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0019E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-30.10
-30DB MAX VALUE FOR	25.0K TO 44.00K	26200	-34.90
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.60
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26700	-34.80

BEACON SN 2007_12_21_02_hightempaafter24hr
TIME START 1:51:49 AM
DATE START 12/22/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.40

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.10

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -62.80

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.70

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.07259E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.62561E+02
AUDIO FREQ HIGH PASS AT +1.51349E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5010E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-30.00
-30DB MAX VALUE FOR	25.0K TO 44.00K	26900	-34.80
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.50
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26500	-34.90

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0019E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-30.10
-30DB MAX VALUE FOR	25.0K TO 44.00K	26100	-34.90
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.50
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26500	-34.90

BEACON SN 2007_12_21_02_hightempaafter24hr
TIME START 2:21:58 AM

DATE START 12/22/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.30

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.10

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -62.90

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.80

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.08557E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.62354E+02
AUDIO FREQ HIGH PASS AT +1.47050E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5010E6

-25DB MAX VALUE FOR 12.5K TO 24.99K	12700	-30.00
-30DB MAX VALUE FOR 25.0K TO 44.00K	26900	-34.80
-25DB MAX VALUE FOR -12.5K TO -24.99K	-12500	-29.60
-30DB MAX VALUE FOR -25.0K TO -44.00K	-26500	-34.90

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0019E6

-25DB MAX VALUE FOR 12.5K TO 24.99K	12600	-30.10
-30DB MAX VALUE FOR 25.0K TO 44.00K	26900	-34.90
-25DB MAX VALUE FOR -12.5K TO -24.99K	-12500	-29.60
-30DB MAX VALUE FOR -25.0K TO -44.00K	-26500	-34.90

BEACON SN 2007_12_21_02_hightempaafter24hr
TIME START 2:51:32 AM
DATE START 12/22/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.40

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.20

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -62.60

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.90

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.13010E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.56984E+02
AUDIO FREQ HIGH PASS AT +1.49628E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5010E6

-25DB MAX VALUE FOR	12.5K TO	24.99K	12700	-30.10
-30DB MAX VALUE FOR	25.0K TO	44.00K	27100	-34.90
-25DB MAX VALUE FOR	-12.5K TO	-24.99K	-12500	-29.60
-30DB MAX VALUE FOR	-25.0K TO	-44.00K	-26700	-35.00

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0018E6

-25DB MAX VALUE FOR	12.5K TO	24.99K	12500	-29.90
-30DB MAX VALUE FOR	25.0K TO	44.00K	26900	-34.80
-25DB MAX VALUE FOR	-12.5K TO	-24.99K	-12500	-29.50
-30DB MAX VALUE FOR	-25.0K TO	-44.00K	-26400	-34.80

BEACON SN 2007_12_21_02_hightempafter24hr
TIME START 3:21:44 AM
DATE START 12/22/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.30

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.10

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -63.00

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.70

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.10026E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.55790E+02
AUDIO FREQ HIGH PASS AT +1.48155E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5012E6

-25DB MAX VALUE FOR	12.5K TO	24.99K	12600	-30.00
-30DB MAX VALUE FOR	25.0K TO	44.00K	26800	-34.80
-25DB MAX VALUE FOR	-12.5K TO	-24.99K	-12500	-29.40
-30DB MAX VALUE FOR	-25.0K TO	-44.00K	-26700	-35.00

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0020E6

-25DB MAX VALUE FOR 12.5K TO 24.99K 12500 -30.10
-30DB MAX VALUE FOR 25.0K TO 44.00K 26800 -34.90
-25DB MAX VALUE FOR -12.5K TO -24.99K -12500 -29.50
-30DB MAX VALUE FOR -25.0K TO -44.00K -26600 -34.90

BEACON SN 2007_12_21_02_hightempafter24hr
TIME START 3:51:55 AM
DATE START 12/22/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.30

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.10

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -62.50

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.70

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.07306E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.35638E+02
AUDIO FREQ HIGH PASS AT +1.51284E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5010E6

-25DB MAX VALUE FOR 12.5K TO 24.99K 12500 -30.10
-30DB MAX VALUE FOR 25.0K TO 44.00K 26900 -34.80
-25DB MAX VALUE FOR -12.5K TO -24.99K -12500 -29.50
-30DB MAX VALUE FOR -25.0K TO -44.00K -26500 -34.90

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0018E6

-25DB MAX VALUE FOR 12.5K TO 24.99K 12700 -29.90
-30DB MAX VALUE FOR 25.0K TO 44.00K 27000 -34.70
-25DB MAX VALUE FOR -12.5K TO -24.99K -12500 -29.40
-30DB MAX VALUE FOR -25.0K TO -44.00K -26600 -34.60

BEACON SN 2007_12_21_02_hightempafter24hr
TIME START 4:22:03 AM
DATE START 12/22/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.30

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.10

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -62.30

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.70

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.09243E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.62368E+02
AUDIO FREQ HIGH PASS AT +1.49563E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5011E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12600	-30.10
-30DB MAX VALUE FOR	25.0K TO 44.00K	26800	-34.80
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.50
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26900	-34.90

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0021E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-29.90
-30DB MAX VALUE FOR	25.0K TO 44.00K	26700	-34.70
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.20
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26700	-34.70

BEACON SN 2007_12_21_02_hightempafter24hr
TIME START 4:52:11 AM
DATE START 12/22/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.30

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.10

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -62.50

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.50

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.12151E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.62248E+02
AUDIO FREQ HIGH PASS AT +1.51468E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5010E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-29.50
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-30DB MAX VALUE FOR 25.0K TO 44.00K 26900 -34.40
-25DB MAX VALUE FOR -12.5K TO -24.99K -12500 -29.10
-30DB MAX VALUE FOR -25.0K TO -44.00K -26500 -34.50

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0017E6

-25DB MAX VALUE FOR 12.5K TO 24.99K 12500 -29.90
-30DB MAX VALUE FOR 25.0K TO 44.00K 27100 -34.80
-25DB MAX VALUE FOR -12.5K TO -24.99K -12700 -29.60
-30DB MAX VALUE FOR -25.0K TO -44.00K -26500 -34.90

BEACON SN 2007_12_21_02_hightempaafter24hr
TIME START 5:22:22 AM
DATE START 12/22/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.30

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.10

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -62.80

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.70

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.09471E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.57045E+02
AUDIO FREQ HIGH PASS AT +1.47799E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5010E6

-25DB MAX VALUE FOR 12.5K TO 24.99K 13200 -29.60
-30DB MAX VALUE FOR 25.0K TO 44.00K 26900 -34.50
-25DB MAX VALUE FOR -12.5K TO -24.99K -12500 -29.10
-30DB MAX VALUE FOR -25.0K TO -44.00K -26500 -34.60

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0018E6

-25DB MAX VALUE FOR 12.5K TO 24.99K 12500 -29.90
-30DB MAX VALUE FOR 25.0K TO 44.00K 27100 -34.70
-25DB MAX VALUE FOR -12.5K TO -24.99K -12500 -29.50
-30DB MAX VALUE FOR -25.0K TO -44.00K -26400 -34.80

BEACON SN 2007_12_21_02_hightempaafter24hr
TIME START 5:52:29 AM
DATE START 12/22/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.30

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.10

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -62.80

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.60

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.08736E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.57101E+02
AUDIO FREQ HIGH PASS AT +1.51564E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5011E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-30.10
-30DB MAX VALUE FOR	25.0K TO 44.00K	26800	-34.90
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12600	-29.40
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26900	-35.00

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0018E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12700	-30.00
-30DB MAX VALUE FOR	25.0K TO 44.00K	27000	-34.80
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12700	-29.50
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26600	-34.80

BEACON SN 2007_12_21_02_hightempafter24hr
TIME START 6:22:37 AM
DATE START 12/22/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.30

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.10

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -62.80

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.80

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.08310E-01

AUDIO FREQ PASS

AUDIO FREQ LOW PASS AT +3.56742E+02
AUDIO FREQ HIGH PASS AT +1.51458E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5010E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-30.10
-30DB MAX VALUE FOR	25.0K TO 44.00K	26900	-34.90
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12600	-29.60
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26700	-35.00

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0017E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12900	-29.90
-30DB MAX VALUE FOR	25.0K TO 44.00K	27200	-34.70
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.50
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26600	-34.80

BEACON SN 2007_12_21_02_hightempaafter24hr
TIME START 6:52:44 AM
DATE START 12/22/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.30

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.10

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -63.20

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.50

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.20264E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.35530E+02
AUDIO FREQ HIGH PASS AT +1.51636E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5009E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-29.70
-30DB MAX VALUE FOR	25.0K TO 44.00K	26200	-34.60
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.30
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26300	-34.70

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0018E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	14000	-29.90
-30DB MAX VALUE FOR	25.0K TO 44.00K	27000	-34.80
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.50
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26700	-34.70

BEACON SN 2007_12_21_02_hightempafter24hr
TIME START 7:22:20 AM
DATE START 12/22/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.30

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.10

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -62.50

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.70

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.12563E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.37447E+02
AUDIO FREQ HIGH PASS AT +1.50335E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5013E6

-25DB MAX VALUE FOR 12.5K TO 24.99K	12500	-29.70
-30DB MAX VALUE FOR 25.0K TO 44.00K	26600	-34.60
-25DB MAX VALUE FOR -12.5K TO -24.99K	-12500	-28.90
-30DB MAX VALUE FOR -25.0K TO -44.00K	-27100	-34.60

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0018E6

-25DB MAX VALUE FOR 12.5K TO 24.99K	12800	-29.90
-30DB MAX VALUE FOR 25.0K TO 44.00K	26900	-34.80
-25DB MAX VALUE FOR -12.5K TO -24.99K	-12500	-29.30
-30DB MAX VALUE FOR -25.0K TO -44.00K	-26500	-34.80

BEACON SN 2007_12_21_02_hightempafter24hr
TIME START 7:52:28 AM
DATE START 12/22/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.20

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.00

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -62.30

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.60

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.13465E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.64362E+02
AUDIO FREQ HIGH PASS AT +1.51185E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5009E6

-25DB MAX VALUE FOR	12.5K TO	24.99K	12500	-29.80
-30DB MAX VALUE FOR	25.0K TO	44.00K	27100	-34.70
-25DB MAX VALUE FOR	-12.5K TO	-24.99K	-12500	-29.30
-30DB MAX VALUE FOR	-25.0K TO	-44.00K	-26500	-34.80

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0017E6

-25DB MAX VALUE FOR	12.5K TO	24.99K	13000	-29.70
-30DB MAX VALUE FOR	25.0K TO	44.00K	27100	-34.60
-25DB MAX VALUE FOR	-12.5K TO	-24.99K	-12500	-29.20
-30DB MAX VALUE FOR	-25.0K TO	-44.00K	-26600	-34.60

BEACON SN 2007_12_21_02_hightempafter24hr
TIME START 8:22:05 AM
DATE START 12/22/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.20

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.00

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -62.50

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.60

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.11580E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.35506E+02
AUDIO FREQ HIGH PASS AT +1.51618E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5010E6

-25DB MAX VALUE FOR	12.5K TO	24.99K	12500	-30.10
-30DB MAX VALUE FOR	25.0K TO	44.00K	27000	-34.90
-25DB MAX VALUE FOR	-12.5K TO	-24.99K	-12500	-29.40
-30DB MAX VALUE FOR	-25.0K TO	-44.00K	-26500	-35.00

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0015E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-28.70
-30DB MAX VALUE FOR	25.0K TO 44.00K	27200	-34.20
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.10
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26300	-34.20

BEACON SN 2007_12_21_02_hightempafter24hr
TIME START 8:52:00 AM
DATE START 12/22/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.20

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.00

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -62.40

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.50

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +5.92866E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.56003E+02
AUDIO FREQ HIGH PASS AT +1.47702E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5008E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-29.60
-30DB MAX VALUE FOR	25.0K TO 44.00K	27100	-34.50
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.20
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26400	-34.60

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0019E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-30.10
-30DB MAX VALUE FOR	25.0K TO 44.00K	27100	-35.00
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.50
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26600	-35.00

BEACON SN 2007_12_21_02_hightempafter24hr
TIME START 9:22:10 AM
DATE START 12/22/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.10

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.00

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -62.60

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.60

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +5.87469E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.57139E+02
AUDIO FREQ HIGH PASS AT +1.51322E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5012E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	13100	-30.00
-30DB MAX VALUE FOR	25.0K TO 44.00K	26900	-34.80
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.40
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-27000	-34.90

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0018E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12800	-29.90
-30DB MAX VALUE FOR	25.0K TO 44.00K	26800	-34.80
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.20
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26700	-34.70

BEACON SN 2007_12_21_02_hightempafter24hr
TIME START 9:52:19 AM
DATE START 12/22/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.20

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.00

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -62.30

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.50

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.08329E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.55310E+02
AUDIO FREQ HIGH PASS AT +1.51532E+03

BEACON 121 SIDEBAND PASS

CENTER FREQ PASS AT 121.5010E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12600	-30.00
-30DB MAX VALUE FOR	25.0K TO 44.00K	27100	-34.80
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.50
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26500	-35.00

BEACON 243 SIDEBAND PASS

CENTER FREQ PASS AT 243.0019E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12600	-30.10
-30DB MAX VALUE FOR	25.0K TO 44.00K	26800	-34.90
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.40
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26700	-34.90

BEACON SN 2007_12_21_02_hightempafter24hr
TIME START 10:22:29 AM
DATE START 12/22/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.20

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.00

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -62.80

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.50

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.09278E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.37364E+02
AUDIO FREQ HIGH PASS AT +1.48918E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5012E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12700	-30.00
-30DB MAX VALUE FOR	25.0K TO 44.00K	26800	-34.90
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.30
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26900	-35.00

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0016E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-29.80
-30DB MAX VALUE FOR	25.0K TO 44.00K	27200	-34.70
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.40
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26300	-34.70

BEACON SN 2007_12_21_02_hightempafter24hr
TIME START 10:52:36 AM
DATE START 12/22/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.10

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.00

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -62.60

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.50

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +5.86597E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.55875E+02
AUDIO FREQ HIGH PASS AT +1.51009E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5010E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-30.00
-30DB MAX VALUE FOR	25.0K TO 44.00K	26900	-34.80
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.40
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26700	-34.90

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0017E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-30.00
-30DB MAX VALUE FOR	25.0K TO 44.00K	27300	-34.90
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.60
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26700	-34.90

BEACON SN 2007_12_21_02_hightempafter24hr
TIME START 11:22:49 AM
DATE START 12/22/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.10

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 19.90

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -62.20

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.40

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.09023E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.37760E+02
AUDIO FREQ HIGH PASS AT +1.51468E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5010E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-30.10
-30DB MAX VALUE FOR	25.0K TO 44.00K	27100	-34.90
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.40
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26500	-35.10

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0017E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-29.60
-30DB MAX VALUE FOR	25.0K TO 44.00K	26200	-34.50
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12600	-29.10
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26400	-34.50

BEACON SN 2007_12_21_02_hightempafter24hr
TIME START 11:53:01 AM
DATE START 12/22/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.00

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 19.90

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -62.80

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.50

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.13761E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.36153E+02
AUDIO FREQ HIGH PASS AT +1.51479E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5011E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	13200	-29.60
-30DB MAX VALUE FOR	25.0K TO 44.00K	27000	-34.40
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-28.90
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26700	-34.60

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0016E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-29.70
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-30DB MAX VALUE FOR 25.0K TO 44.00K 27100 -34.80
-25DB MAX VALUE FOR -12.5K TO -24.99K -12500 -29.30
-30DB MAX VALUE FOR -25.0K TO -44.00K -26300 -34.80

BEACON SN 2007_12_21_02_hightempaafter24hr
TIME START 12:22:40 PM
DATE START 12/22/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.10

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 19.90

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -62.40

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.40

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.09553E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.73248E+02
AUDIO FREQ HIGH PASS AT +1.51583E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5010E6

-25DB MAX VALUE FOR 12.5K TO 24.99K 12500 -30.00
-30DB MAX VALUE FOR 25.0K TO 44.00K 26900 -34.90
-25DB MAX VALUE FOR -12.5K TO -24.99K -12500 -29.40
-30DB MAX VALUE FOR -25.0K TO -44.00K -26600 -35.00

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0017E6

-25DB MAX VALUE FOR 12.5K TO 24.99K 12500 -29.80
-30DB MAX VALUE FOR 25.0K TO 44.00K 27000 -34.60
-25DB MAX VALUE FOR -12.5K TO -24.99K -12500 -29.10
-30DB MAX VALUE FOR -25.0K TO -44.00K -26400 -34.60

BEACON SN 2007_12_21_02_hightempaafter24hr
TIME START 12:52:49 PM
DATE START 12/22/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.00

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 19.90

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -62.60

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.50

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.14384E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.57207E+02
AUDIO FREQ HIGH PASS AT +1.51429E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5012E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-29.90
-30DB MAX VALUE FOR	25.0K TO 44.00K	26600	-34.70
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.20
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-27000	-34.80

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0020E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-30.10
-30DB MAX VALUE FOR	25.0K TO 44.00K	27000	-34.80
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.30
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26700	-35.00

BEACON SN 2007_12_21_02_hightempafter24hr
TIME START 1:23:00 PM
DATE START 12/22/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.00

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 19.90

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -62.40

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.50

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.11121E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.35609E+02
AUDIO FREQ HIGH PASS AT +1.57839E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5012E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12600	-29.90
-30DB MAX VALUE FOR	25.0K TO 44.00K	26900	-34.70

-25DB MAX VALUE FOR -12.5K TO -24.99K -12600 -29.10
-30DB MAX VALUE FOR -25.0K TO -44.00K -26700 -34.90

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0017E6

-25DB MAX VALUE FOR 12.5K TO 24.99K 12500 -29.80
-30DB MAX VALUE FOR 25.0K TO 44.00K 27100 -34.70
-25DB MAX VALUE FOR -12.5K TO -24.99K -12500 -29.10
-30DB MAX VALUE FOR -25.0K TO -44.00K -26400 -34.70

BEACON SN 2007_12_21_02_hightempafter24hr
TIME START 1:53:08 PM
DATE START 12/22/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.00

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 19.90

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -62.10

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.40

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.11999E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.37727E+02
AUDIO FREQ HIGH PASS AT +1.51558E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5009E6

-25DB MAX VALUE FOR 12.5K TO 24.99K 12500 -29.70
-30DB MAX VALUE FOR 25.0K TO 44.00K 27000 -34.70
-25DB MAX VALUE FOR -12.5K TO -24.99K -12700 -29.20
-30DB MAX VALUE FOR -25.0K TO -44.00K -26500 -34.80

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0019E6

-25DB MAX VALUE FOR 12.5K TO 24.99K 13100 -30.30
-30DB MAX VALUE FOR 25.0K TO 44.00K 26800 -35.20
-25DB MAX VALUE FOR -12.5K TO -24.99K -12600 -29.60
-30DB MAX VALUE FOR -25.0K TO -44.00K -26600 -35.20

BEACON SN 2007_12_21_02_hightempafter24hr
TIME START 2:22:45 PM
DATE START 12/22/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.00

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 19.90

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -62.60

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.50

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.12289E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.36613E+02
AUDIO FREQ HIGH PASS AT +1.51481E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5009E6

-25DB MAX VALUE FOR 12.5K TO 24.99K	12500	-29.70
-30DB MAX VALUE FOR 25.0K TO 44.00K	27000	-34.70
-25DB MAX VALUE FOR -12.5K TO -24.99K	-12600	-29.20
-30DB MAX VALUE FOR -25.0K TO -44.00K	-26700	-34.80

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0017E6

-25DB MAX VALUE FOR 12.5K TO 24.99K	12500	-29.80
-30DB MAX VALUE FOR 25.0K TO 44.00K	27100	-34.70
-25DB MAX VALUE FOR -12.5K TO -24.99K	-12600	-29.30
-30DB MAX VALUE FOR -25.0K TO -44.00K	-26700	-34.70

BEACON SN 2007_12_21_02_hightempaafter24hr
TIME START 2:52:55 PM
DATE START 12/22/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.00

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 19.80

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -62.50

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.40

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +5.69340E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.62208E+02

AUDIO FREQ HIGH PASS AT +1.51042E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5013E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-29.80
-30DB MAX VALUE FOR	25.0K TO 44.00K	26600	-34.60
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-28.80
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-27000	-34.70

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0018E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-29.70
-30DB MAX VALUE FOR	25.0K TO 44.00K	26900	-34.60
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.10
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26500	-34.70

BEACON SN 2007_12_21_02_hightempafter24hr
TIME START 3:23:04 PM
DATE START 12/22/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.00

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 19.80

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -62.00

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.40

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.10685E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.57121E+02
AUDIO FREQ HIGH PASS AT +1.56250E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5011E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-30.10
-30DB MAX VALUE FOR	25.0K TO 44.00K	26900	-35.00
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.30
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26600	-35.10

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0017E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-29.20
-30DB MAX VALUE FOR	25.0K TO 44.00K	27100	-34.10
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12600	-28.70
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26400	-34.20

BEACON SN 2007_12_21_02_hightempaafter24hr
TIME START 3:53:10 PM
DATE START 12/22/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 18.90

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 19.80

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -62.20

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.40

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +5.90671E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.56891E+02
AUDIO FREQ HIGH PASS AT +1.49039E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5013E6

-25DB MAX VALUE FOR 12.5K TO 24.99K	13000	-29.80
-30DB MAX VALUE FOR 25.0K TO 44.00K	26600	-34.70
-25DB MAX VALUE FOR -12.5K TO -24.99K	-12500	-29.00
-30DB MAX VALUE FOR -25.0K TO -44.00K	-26800	-34.80

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0019E6

-25DB MAX VALUE FOR 12.5K TO 24.99K	12500	-29.90
-30DB MAX VALUE FOR 25.0K TO 44.00K	27000	-34.70
-25DB MAX VALUE FOR -12.5K TO -24.99K	-12500	-29.20
-30DB MAX VALUE FOR -25.0K TO -44.00K	-26700	-34.80

BEACON SN 2007_12_21_02_hightempaafter24hr
TIME START 4:23:22 PM
DATE START 12/22/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 18.90

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 19.80

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -62.00

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.40

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.12742E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.81697E+02
AUDIO FREQ HIGH PASS AT +1.51488E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5010E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-30.00
-30DB MAX VALUE FOR	25.0K TO 44.00K	27000	-34.90
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.20
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26700	-35.00

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0018E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-30.00
-30DB MAX VALUE FOR	25.0K TO 44.00K	26900	-34.90
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.20
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26500	-35.00

BEACON SN 2007_12_21_02_hightempaafter24hr
TIME START 4:53:32 PM
DATE START 12/22/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 18.90

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 19.70

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -62.00

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.20

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.15500E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.56557E+02
AUDIO FREQ HIGH PASS AT +1.49577E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5011E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-29.90
-30DB MAX VALUE FOR	25.0K TO 44.00K	27000	-34.80
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.20
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26800	-35.00

BEACON 243 SIDEBAND PASS

CENTER FREQ PASS AT 243.0019E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-30.10
-30DB MAX VALUE FOR	25.0K TO 44.00K	26800	-35.00
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.20
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26700	-35.00

BEACON SN 2007_12_21_02_hightempaafter24hr
TIME START 5:23:43 PM
DATE START 12/22/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 18.90

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 19.70

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -61.90

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.30

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.11208E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.57011E+02
AUDIO FREQ HIGH PASS AT +1.49663E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5010E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-30.00
-30DB MAX VALUE FOR	25.0K TO 44.00K	26900	-35.00
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.30
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26600	-35.10

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0018E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-30.10
-30DB MAX VALUE FOR	25.0K TO 44.00K	27000	-34.90
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.30
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26700	-34.90

BEACON SN 2007_12_21_02_hightempaafter24hr
TIME START 5:54:00 PM
DATE START 12/22/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 18.80

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 19.70

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -62.90

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.50

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.10839E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.35748E+02
AUDIO FREQ HIGH PASS AT +1.50193E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5010E6

-25DB MAX VALUE FOR 12.5K TO 24.99K	12500	-30.10
-30DB MAX VALUE FOR 25.0K TO 44.00K	26900	-35.10
-25DB MAX VALUE FOR -12.5K TO -24.99K	-12500	-29.40
-30DB MAX VALUE FOR -25.0K TO -44.00K	-26700	-35.20

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0017E6

-25DB MAX VALUE FOR 12.5K TO 24.99K	12500	-29.80
-30DB MAX VALUE FOR 25.0K TO 44.00K	27000	-34.70
-25DB MAX VALUE FOR -12.5K TO -24.99K	-12500	-29.10
-30DB MAX VALUE FOR -25.0K TO -44.00K	-26600	-34.70

BEACON SN 2007_12_21_02_hightempafter24hr
TIME START 6:24:09 PM
DATE START 12/22/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 18.80

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 19.70

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -62.40

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.40

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.13314E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.35570E+02
AUDIO FREQ HIGH PASS AT +1.49939E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5010E6

-25DB MAX VALUE FOR 12.5K TO 24.99K 12500 -29.90
-30DB MAX VALUE FOR 25.0K TO 44.00K 27000 -34.90
-25DB MAX VALUE FOR -12.5K TO -24.99K -12500 -29.20
-30DB MAX VALUE FOR -25.0K TO -44.00K -26500 -35.10

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0019E6

-25DB MAX VALUE FOR 12.5K TO 24.99K 12500 -30.10
-30DB MAX VALUE FOR 25.0K TO 44.00K 26800 -35.00
-25DB MAX VALUE FOR -12.5K TO -24.99K -12500 -29.30
-30DB MAX VALUE FOR -25.0K TO -44.00K -26600 -35.10

BEACON SN 2007_12_21_02_hightempaafter24hr
TIME START 6:54:21 PM
DATE START 12/22/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 18.80

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 19.70

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -62.10

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.20

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +5.90469E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.62143E+02
AUDIO FREQ HIGH PASS AT +1.51548E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5010E6

-25DB MAX VALUE FOR 12.5K TO 24.99K 12500 -29.90
-30DB MAX VALUE FOR 25.0K TO 44.00K 27000 -34.90
-25DB MAX VALUE FOR -12.5K TO -24.99K -12500 -29.20
-30DB MAX VALUE FOR -25.0K TO -44.00K -26700 -35.10

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0018E6

-25DB MAX VALUE FOR 12.5K TO 24.99K 12500 -30.00
-30DB MAX VALUE FOR 25.0K TO 44.00K 26900 -35.00
-25DB MAX VALUE FOR -12.5K TO -24.99K -12500 -29.30
-30DB MAX VALUE FOR -25.0K TO -44.00K -26700 -35.00

BEACON SN 2007_12_21_02_hightempaafter24hr
TIME START 7:24:34 PM
DATE START 12/22/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 18.80

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 19.70

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -62.10

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.40

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.10023E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.57143E+02
AUDIO FREQ HIGH PASS AT +1.48859E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5009E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-29.60
-30DB MAX VALUE FOR	25.0K TO 44.00K	27300	-34.70
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.20
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26500	-34.90

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0017E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12600	-29.70
-30DB MAX VALUE FOR	25.0K TO 44.00K	27000	-34.70
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.10
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26400	-34.80

BEACON SN 2007_12_21_02_hightempafter24hr
TIME START 7:54:45 PM
DATE START 12/22/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 18.80

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 19.60

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -62.20

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.10

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.12833E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.62373E+02
AUDIO FREQ HIGH PASS AT +1.48103E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5010E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-30.00
-30DB MAX VALUE FOR	25.0K TO 44.00K	26800	-35.00
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.30
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26900	-35.10

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0019E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-30.00
-30DB MAX VALUE FOR	25.0K TO 44.00K	26900	-34.80
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.20
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26600	-34.90

BEACON SN 2007_12_21_02_hightempafter24hr
TIME START 8:24:59 PM
DATE START 12/22/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 18.80

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 19.70

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -62.30

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.30

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.12185E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.55738E+02
AUDIO FREQ HIGH PASS AT +1.51334E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5010E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-29.70
-30DB MAX VALUE FOR	25.0K TO 44.00K	26800	-34.80
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12600	-28.90
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26800	-34.90

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0017E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-29.90
-30DB MAX VALUE FOR	25.0K TO 44.00K	27200	-35.00

-25DB MAX VALUE FOR -12.5K TO -24.99K -12500 -29.30
-30DB MAX VALUE FOR -25.0K TO -44.00K -26500 -35.20

BEACON SN 2007_12_21_02_hightempaafter24hr
TIME START 8:55:08 PM
DATE START 12/22/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.10

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.00

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -62.40

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -53.70

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.12129E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.57248E+02
AUDIO FREQ HIGH PASS AT +1.50836E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5011E6

-25DB MAX VALUE FOR 12.5K TO 24.99K 12500 -29.40
-30DB MAX VALUE FOR 25.0K TO 44.00K 27000 -35.20
-25DB MAX VALUE FOR -12.5K TO -24.99K -12600 -29.00
-30DB MAX VALUE FOR -25.0K TO -44.00K -25300 -35.40

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0022E6

-25DB MAX VALUE FOR 12.5K TO 24.99K 12500 -29.40
-30DB MAX VALUE FOR 25.0K TO 44.00K 27100 -35.30
-25DB MAX VALUE FOR -12.5K TO -24.99K -12800 -29.00
-30DB MAX VALUE FOR -25.0K TO -44.00K -25100 -35.40

BEACON SN 2007_12_21_02_hightempaafter24hr
TIME START 9:25:20 PM
DATE START 12/22/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.20

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.10

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -62.20

BEACON 243 85% MINIMUM MODULATION DEPTH PASS

-22DB MODULATION DEPTH LIMIT -53.20

BEACON DUTY CYCLE A PASS

DUTY CYCLE A PASS AT +6.15174E-01

AUDIO FREQ PASS

AUDIO FREQ LOW PASS AT +3.56795E+02

AUDIO FREQ HIGH PASS AT +1.48534E+03

BEACON 121 SIDEBAND PASS

CENTER FREQ PASS AT 121.5015E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-29.50
-30DB MAX VALUE FOR	25.0K TO 44.00K	25000	-35.60
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.00
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-25000	-35.10

BEACON 243 SIDEBAND PASS

CENTER FREQ PASS AT 243.0028E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-29.70
-30DB MAX VALUE FOR	25.0K TO 44.00K	27100	-35.60
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-28.90
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-25000	-35.30

BEACON SN 2007_12_21_02_hightempafter24hr

TIME START 9:55:30 PM

DATE START 12/22/02

BEACON 121 OUTPUT POWER PASS

121 POWER PASS AT 19.10

BEACON 243 OUTPUT POWER PASS

243 POWER PASS AT 20.20

BEACON 121 85% MINIMUM MODULATION DEPTH PASS

-22DB MODULATION DEPTH LIMIT -61.80

BEACON 243 85% MINIMUM MODULATION DEPTH PASS

-22DB MODULATION DEPTH LIMIT -53.00

BEACON DUTY CYCLE A PASS

DUTY CYCLE A PASS AT +6.17525E-01

AUDIO FREQ PASS

AUDIO FREQ LOW PASS AT +3.70611E+02

AUDIO FREQ HIGH PASS AT +1.50442E+03

BEACON 121 SIDEBAND PASS

CENTER FREQ PASS AT 121.5015E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-29.40
-30DB MAX VALUE FOR	25.0K TO 44.00K	25100	-35.50
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-28.90

-30DB MAX VALUE FOR -25.0K TO -44.00K -25000 -35.10

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0030E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-29.60
-30DB MAX VALUE FOR	25.0K TO 44.00K	25000	-35.70
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12700	-28.90
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-25000	-35.20

BEACON SN 2007_12_21_02_hightempaafter24hr
TIME START 10:25:47 PM
DATE START 12/22/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.10

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.10

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -61.80

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -53.10

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.17942E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.55654E+02
AUDIO FREQ HIGH PASS AT +1.51534E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5016E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-29.30
-30DB MAX VALUE FOR	25.0K TO 44.00K	25000	-35.50
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-28.80
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-25000	-35.10

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0030E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-29.60
-30DB MAX VALUE FOR	25.0K TO 44.00K	25000	-35.60
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12700	-28.90
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-25000	-35.20

BEACON SN 2007_12_21_02_hightempaafter24hr
TIME START 10:55:59 PM
DATE START 12/22/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.10

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.10

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -61.50

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -53.10

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.08021E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.35540E+02
AUDIO FREQ HIGH PASS AT +1.51564E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5015E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-29.30
-30DB MAX VALUE FOR	25.0K TO 44.00K	25000	-35.40
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-28.80
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-25000	-35.10

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0027E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-29.60
-30DB MAX VALUE FOR	25.0K TO 44.00K	25000	-35.70
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.00
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-25100	-35.40

BEACON SN 2007_12_21_02_hightempafter24hr
TIME START 11:26:08 PM
DATE START 12/22/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 18.80

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 19.80

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -61.90

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -53.90

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +5.92087E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.63249E+02
AUDIO FREQ HIGH PASS AT +1.50636E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5012E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12600	-29.60
-30DB MAX VALUE FOR	25.0K TO 44.00K	26700	-35.20
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.00
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-25100	-35.20

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0018E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-29.90
-30DB MAX VALUE FOR	25.0K TO 44.00K	27200	-35.20
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.20
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26500	-35.30

BEACON SN 2007_12_21_02_hightempaafter24hr
TIME START 11:56:16 PM
DATE START 12/22/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 18.40

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 19.20

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -61.90

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.70

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +5.89572E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.61890E+02
AUDIO FREQ HIGH PASS AT +1.51976E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5016E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-30.00
-30DB MAX VALUE FOR	25.0K TO 44.00K	26800	-34.80
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.40
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-27000	-34.90

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0029E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12700	-30.00
-30DB MAX VALUE FOR	25.0K TO 44.00K	27000	-34.80
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.40
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26500	-34.90

BEACON SN 2007_12_21_02_hightempaafter24hr

TIME START 12:26:27 AM
DATE START 12/23/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 18.10

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 18.90

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -62.00

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -55.40

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.16828E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.57008E+02
AUDIO FREQ HIGH PASS AT +1.46605E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5022E6

-25DB MAX VALUE FOR	12.5K TO	24.99K	12500	-30.10
-30DB MAX VALUE FOR	25.0K TO	44.00K	25400	-35.00
-25DB MAX VALUE FOR	-12.5K TO	-24.99K	-12500	-29.70
-30DB MAX VALUE FOR	-25.0K TO	-44.00K	-26500	-35.00

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0043E6

-25DB MAX VALUE FOR	12.5K TO	24.99K	12500	-29.60
-30DB MAX VALUE FOR	25.0K TO	44.00K	26300	-34.80
-25DB MAX VALUE FOR	-12.5K TO	-24.99K	-12500	-29.70
-30DB MAX VALUE FOR	-25.0K TO	-44.00K	-26500	-34.80

BEACON SN 2007_12_21_02_hightempaafter24hr
TIME START 12:56:38 AM
DATE START 12/23/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 18.00

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 18.80

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -61.50

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -55.30

BEACON DUTY CYCLE A PASS

TEST TERMINATED
CHAMBER WAS RAMPING
TO +85°C

UNIT RAN
64 HRS

REQUIREMENT IS
50 HRS. *[Signature]*

ORL
5001
DME

DUTY CYCLE A PASS AT +6.13235E-01

AUDIO FREQ PASS

AUDIO FREQ LOW PASS AT +3.62348E+02

AUDIO FREQ HIGH PASS AT +1.56361E+03

BEACON 121 SIDEBAND PASS

CENTER FREQ PASS AT 121.5025E6

-25DB MAX VALUE FOR	12.5K TO	24.99K	12500	-29.90
-30DB MAX VALUE FOR	25.0K TO	44.00K	25700	-34.70
-25DB MAX VALUE FOR	-12.5K TO	-24.99K	-12500	-29.70
-30DB MAX VALUE FOR	-25.0K TO	-44.00K	-26300	-34.70

BEACON 243 SIDEBAND PASS

CENTER FREQ PASS AT 243.0051E6

-25DB MAX VALUE FOR	12.5K TO	24.99K	12600	-29.80
-30DB MAX VALUE FOR	25.0K TO	44.00K	25700	-34.70
-25DB MAX VALUE FOR	-12.5K TO	-24.99K	-12500	-29.80
-30DB MAX VALUE FOR	-25.0K TO	-44.00K	-26600	-34.60

BEACON SN 2007_12_21_02_hightempaafter24hr

TIME START 1:26:14 AM

DATE START 12/23/02

BEACON 121 OUTPUT POWER PASS

121 POWER PASS AT 17.90

BEACON 243 OUTPUT POWER PASS

243 POWER PASS AT 18.70

BEACON 121 85% MINIMUM MODULATION DEPTH PASS

-22DB MODULATION DEPTH LIMIT -61.70

BEACON 243 85% MINIMUM MODULATION DEPTH PASS

-22DB MODULATION DEPTH LIMIT -55.50

BEACON DUTY CYCLE A PASS

DUTY CYCLE A PASS AT +5.89572E-01

AUDIO FREQ FAIL

AUDIO FREQ LOW FAIL AT +1.85219E+02

AUDIO FREQ HIGH FAIL AT +1.20622E+03

BEACON 121 SIDEBAND PASS

CENTER FREQ PASS AT 121.5027E6

-25DB MAX VALUE FOR	12.5K TO	24.99K	12500	-29.80
-30DB MAX VALUE FOR	25.0K TO	44.00K	25800	-34.60
-25DB MAX VALUE FOR	-12.5K TO	-24.99K	-12500	-29.70
-30DB MAX VALUE FOR	-25.0K TO	-44.00K	-26300	-34.60

BEACON 243 SIDEBAND PASS

CENTER FREQ PASS AT 243.0053E6

CHAMBER TEST
PROGRAM RECYCLED TO 18

3 CHAMBER TOO HOT
@ +85°C

THIS CAUSED
BEACON TO
FAIL OUT OF
SPEC.

NOTE: TEST EQUIPMENT
FAILURE PROBLEM
K. Healt

BEACON
EXCEED
TEST
REQUIREMENT

ORL
SQ01
DME

-25DB MAX VALUE FOR 12.5K TO 24.99K 12500 -29.40
-30DB MAX VALUE FOR 25.0K TO 44.00K 26000 -34.70
-25DB MAX VALUE FOR -12.5K TO -24.99K -12500 -29.80
-30DB MAX VALUE FOR -25.0K TO -44.00K -26500 -34.60

BEACON SN 2007_12_21_02_hightempaafter24hr
TIME START 1:55:47 AM
DATE START 12/23/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 17.90

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 18.70

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -62.10

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -55.60

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.19102E-01

AUDIO FREQ FAIL
AUDIO FREQ LOW FAIL AT +2.45158E+02
AUDIO FREQ HIGH PASS AT +1.47022E+03

3 CHANNEL TOO HOT @ +85°C

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5029E6

-25DB MAX VALUE FOR 12.5K TO 24.99K 12500 -29.90
-30DB MAX VALUE FOR 25.0K TO 44.00K 26000 -34.70
-25DB MAX VALUE FOR -12.5K TO -24.99K -12500 -29.60
-30DB MAX VALUE FOR -25.0K TO -44.00K -26500 -34.70

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0055E6

-25DB MAX VALUE FOR 12.5K TO 24.99K 12500 -29.90
-30DB MAX VALUE FOR 25.0K TO 44.00K 25900 -34.70
-25DB MAX VALUE FOR -12.5K TO -24.99K -12500 -29.80
-30DB MAX VALUE FOR -25.0K TO -44.00K -26500 -34.70

BEACON SN 2007_12_21_02_hightempaafter24hr
TIME START 2:25:20 AM
DATE START 12/23/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 17.90

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 18.70

BEACON 121 85% MINIMUM MODULATION DEPTH PASS

-22DB MODULATION DEPTH LIMIT -62.10

BEACON 243 85% MINIMUM MODULATION DEPTH PASS

-22DB MODULATION DEPTH LIMIT -55.40

BEACON DUTY CYCLE A PASS

DUTY CYCLE A PASS AT +6.51530E-01

AUDIO FREQ PASS

AUDIO FREQ LOW PASS AT +3.54350E+02

AUDIO FREQ HIGH PASS AT +1.51843E+03

BEACON 121 SIDEBAND PASS

CENTER FREQ PASS AT 121.5028E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12900	-29.50
-30DB MAX VALUE FOR	25.0K TO 44.00K	26300	-34.30
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.40
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26300	-34.40

BEACON 243 SIDEBAND PASS

CENTER FREQ PASS AT 243.0056E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12800	-29.90
-30DB MAX VALUE FOR	25.0K TO 44.00K	26200	-34.70
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.80
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26400	-34.70

BEACON SN 2007_12_21_02_hightempaafter24hr

TIME START 2:55:09 AM

DATE START 12/23/02

BEACON 121 OUTPUT POWER PASS

121 POWER PASS AT 17.80

BEACON 243 OUTPUT POWER PASS

243 POWER PASS AT 18.70

BEACON 121 85% MINIMUM MODULATION DEPTH PASS

-22DB MODULATION DEPTH LIMIT -62.20

BEACON 243 85% MINIMUM MODULATION DEPTH PASS

-22DB MODULATION DEPTH LIMIT -55.50

BEACON DUTY CYCLE A PASS

DUTY CYCLE A PASS AT +6.17810E-01

AUDIO FREQ PASS

AUDIO FREQ LOW PASS AT +3.37674E+02

AUDIO FREQ HIGH PASS AT +1.50155E+03

BEACON 121 SIDEBAND PASS

CENTER FREQ PASS AT 121.5028E6

-25DB MAX VALUE FOR 12.5K TO 24.99K 12500 -29.50
-30DB MAX VALUE FOR 25.0K TO 44.00K 25700 -34.40
-25DB MAX VALUE FOR -12.5K TO -24.99K -12600 -29.40
-30DB MAX VALUE FOR -25.0K TO -44.00K -26400 -34.40

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0056E6

-25DB MAX VALUE FOR 12.5K TO 24.99K 12500 -30.00
-30DB MAX VALUE FOR 25.0K TO 44.00K 25500 -34.80
-25DB MAX VALUE FOR -12.5K TO -24.99K -12500 -29.70
-30DB MAX VALUE FOR -25.0K TO -44.00K -26400 -34.80

BEACON SN 2007_12_21_02_hightempafter24hr
TIME START 3:25:03 AM
DATE START 12/23/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 17.80

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 18.70

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -61.70

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -55.40

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.09432E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.35444E+02
AUDIO FREQ HIGH PASS AT +1.47583E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5030E6

-25DB MAX VALUE FOR 12.5K TO 24.99K 12600 -29.60
-30DB MAX VALUE FOR 25.0K TO 44.00K 25800 -34.40
-25DB MAX VALUE FOR -12.5K TO -24.99K -12500 -29.30
-30DB MAX VALUE FOR -25.0K TO -44.00K -26800 -34.30

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0056E6

-25DB MAX VALUE FOR 12.5K TO 24.99K 12500 -29.80
-30DB MAX VALUE FOR 25.0K TO 44.00K 25800 -34.60
-25DB MAX VALUE FOR -12.5K TO -24.99K -12500 -29.60
-30DB MAX VALUE FOR -25.0K TO -44.00K -26500 -34.50

BEACON SN 2007_12_21_02_hightempafter24hr
TIME START 3:55:13 AM
DATE START 12/23/02

BEACON 121 OUTPUT POWER PASS

121 POWER PASS AT 17.80

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 18.70

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -61.50

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -55.50

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.25997E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.35731E+02
AUDIO FREQ HIGH PASS AT +1.47153E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5029E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12600	-30.00
-30DB MAX VALUE FOR	25.0K TO 44.00K	26100	-34.80
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.70
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26500	-34.80

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0055E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12600	-29.90
-30DB MAX VALUE FOR	25.0K TO 44.00K	25700	-34.70
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.60
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26400	-34.70

BEACON SN 2007_12_21_02_hightempafter24hr
TIME START 4:25:23 AM
DATE START 12/23/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 17.90

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 18.70

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -61.40

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -55.50

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.15138E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.36849E+02
AUDIO FREQ HIGH PASS AT +1.47489E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5027E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-30.00
-30DB MAX VALUE FOR	25.0K TO 44.00K	25600	-34.80
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.70
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26600	-34.80

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0048E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-29.90
-30DB MAX VALUE FOR	25.0K TO 44.00K	25800	-34.70
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12600	-29.40
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26400	-34.70

BEACON SN 2007_12_21_02_hightempafter24hr
TIME START 4:55:30 AM
DATE START 12/23/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 18.30

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 19.10

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -61.70

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -55.20

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +5.93248E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.62908E+02
AUDIO FREQ HIGH PASS AT +1.49986E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5016E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-30.00
-30DB MAX VALUE FOR	25.0K TO 44.00K	26800	-34.80
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.30
-30DB MAX VALUE FOR	-25.0K TO -44.00K	-26700	-34.90

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0024E6

-25DB MAX VALUE FOR	12.5K TO 24.99K	12500	-29.40
-30DB MAX VALUE FOR	25.0K TO 44.00K	27000	-34.40
-25DB MAX VALUE FOR	-12.5K TO -24.99K	-12500	-29.00

-30DB MAX VALUE FOR -25.0K TO -44.00K -26600 -34.30

BEACON SN 2007_12_21_02_hightempaafter24hr
TIME START 5:25:38 AM
DATE START 12/23/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 18.60

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 19.50

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -62.00

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.60

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.14734E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.37545E+02
AUDIO FREQ HIGH PASS AT +1.51458E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5011E6

-25DB MAX VALUE FOR 12.5K TO 24.99K	12500	-30.00
-30DB MAX VALUE FOR 25.0K TO 44.00K	26900	-35.00
-25DB MAX VALUE FOR -12.5K TO -24.99K	-12600	-29.30
-30DB MAX VALUE FOR -25.0K TO -44.00K	-26600	-35.20

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0019E6

-25DB MAX VALUE FOR 12.5K TO 24.99K	12500	-30.00
-30DB MAX VALUE FOR 25.0K TO 44.00K	26900	-35.00
-25DB MAX VALUE FOR -12.5K TO -24.99K	-12500	-29.20
-30DB MAX VALUE FOR -25.0K TO -44.00K	-26700	-35.00

BEACON SN 2007_12_21_02_hightempaafter24hr
TIME START 5:55:46 AM
DATE START 12/23/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 18.60

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 19.50

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -62.30

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.40

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.14956E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.62136E+02
AUDIO FREQ HIGH PASS AT +1.49852E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5009E6

-25DB MAX VALUE FOR 12.5K TO 24.99K	12500 -29.70
-30DB MAX VALUE FOR 25.0K TO 44.00K	27000 -34.90
-25DB MAX VALUE FOR -12.5K TO -24.99K	-12500 -29.20
-30DB MAX VALUE FOR -25.0K TO -44.00K	-26500 -35.00

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0018E6

-25DB MAX VALUE FOR 12.5K TO 24.99K	12500 -29.60
-30DB MAX VALUE FOR 25.0K TO 44.00K	27100 -34.60
-25DB MAX VALUE FOR -12.5K TO -24.99K	-12500 -28.80
-30DB MAX VALUE FOR -25.0K TO -44.00K	-26500 -34.80

BEACON SN 2007_12_21_02_hightempaafter24hr
TIME START 6:25:57 AM
DATE START 12/23/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 18.60

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 19.60

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -61.90

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.40

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +5.92849E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.35732E+02
AUDIO FREQ HIGH PASS AT +1.49741E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5009E6

-25DB MAX VALUE FOR 12.5K TO 24.99K	12500 -29.80
-30DB MAX VALUE FOR 25.0K TO 44.00K	26900 -35.10
-25DB MAX VALUE FOR -12.5K TO -24.99K	-12500 -29.20
-30DB MAX VALUE FOR -25.0K TO -44.00K	-26700 -35.20

BEACON RECOVERED
AS TEMPERATURE WAS
REDUCED.

ORL
5001
DME

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0017E6

-25DB MAX VALUE FOR 12.5K TO 24.99K	12500 -29.80
-30DB MAX VALUE FOR 25.0K TO 44.00K	26900 -35.00
-25DB MAX VALUE FOR -12.5K TO -24.99K	-12600 -29.10
-30DB MAX VALUE FOR -25.0K TO -44.00K	-26700 -35.00

DATA COLLECTION
TERMINATED

RMH

ORL
SQ01
DME

(K)

TEST DATA SHEETS
RF BEACON ASSEMBLY
P3-03-0041-001

Tested By:

M. Hent

*POST HIGH TEMP TEST
RUN @ 25°C WITH
FRESH BATT.*

DATE: *12/23/02 8:05 AM*

Beacon P3-03-0041-001

Serial Number:

2007

Test Equipment	Model	Serial No. or Control No.	Cal. Due
SPECTAW	HP 8568B	OR3063	9/18/03
GENERATOR	HP 8656B	OR1091	5/18/03
MODAWA #1	HP 8901B	6R1093	11/30/03
SLOPE	HP 54510B	OR0627	8/29/03
MODAWA #2 (P/Sensor)	HP 8901B	51N 3704A0571	12/11/03
POWER SENSOR	HP 8481A	OR092	1/29/03

ORL
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DME

KE

TEST DATA SHEETS
RF BEACON ASSEMBLY
P3-03-0041-001

SPECTRUM ANALYZER OFFSET DETERMINATION AND PRETEST					
Para.	Description	Min.	Results	Max.	Pass / Fail (circle one)
3.3	HP8656 setting for 121.5MHZ	-0.5	<u>0.3</u> dBm	+0.5	P F
3.4	HP8656 setting for 243 MHZ	-0.5	<u>0.3</u> dBm	+0.5	P F
3.5	HP8656 setting for 406.028 MHZ	-0.5	<u>0.3</u> dBm	+0.5	P F

ORL
SQ01
DME
KE

BIST and turn on tests					
Para.	Description	Min.	Results	Max.	Pass / Fail (circle one)
4.1.1	Beacon passes self test and goes off	N/A	<u>✓</u> chk	N/A	P F
4.1.2	Beacon stays off	N/A	<u>✓</u> chk	N/A	P F
4.1.3	Beacon transmits when B antenna is touched.	N/A	<u>✓</u> chk	N/A	P F
4.1.4	Beacon goes off when magnet is installed.	N/A	<u>✓</u> chk	N/A	P F
4.1.5	Beacon transmits when A antenna is touched.	N/A	<u>N/A</u> chk	N/A	P F
4.1.6	Beacon goes off when magnet is installed.	N/A	<u>N/A</u> chk	N/A	P F

NO ANTENNA A
HOOK UP TO TEST EQUIPMENT

ORL
SQ01
DME
KE

TEST DATA SHEETS
RF BEACON ASSEMBLY
P3-03-0041-001

RF beacon 121.5/243 Mhz Tests

Para.	Description	Min.	Results	Max.	Pass / Fail (circle one)
4.2.1	Peak Power at 121.5 MHZ	17.0dBm	<u>19.7</u> dBm	N/A	P F
	Antenna gain including feeder and mismatch losses for 121.5 Mhz obtained from antenna field tests.	N/A	<u>-1.0</u> dB	N/A	N/A
	Peak power + antenna gain= EIRP	<u>17</u> dBm EIRP	<u>18.7</u> dBm	N/A	P F
4.2.2	Frequency 121.5 MHz $\pm$ 6 kHz	121.494	<u>121.5014</u> MHz	121.506	P F
4.2.3	Peak Power at 243 MHZ	17.0dBm	<u>20.6</u> dBm	N/A	P F
	Antenna gain including feeder and mismatch losses for 243 Mhz obtained from antenna field tests.	N/A	<u>3.7</u> dB	N/A	N/A
	Peak power + antenna gain= EIRP	<u>17</u> dBm EIRP	<u>24.3</u> dBm	N/A	P F
4.2.4	Frequency 243 MHz $\pm$ 12 kHz	242.988	<u>243.0026</u> MHz	243.012	P F
4.2.5	121.5 Mhz Modulation depth	N/A	<u>-62.2</u> dBc	-22dBc	P F
4.2.6	121.5 /243 Mhz Duty cycle	45%	<u>61.3</u> %	67%	P F
4.2.7	Max audio frequency	N/A	<u>1514</u> Hz	1600	P F
	Min audio frequency	300	<u>362</u> Hz	N/A	P F
	Max - Min	N/A	<u>1152</u> Hz	700	P F
4.2.8	Sweeps in 10 seconds	20	<u>30</u> count	40	P F

TEST DATA SHEETS
RF BEACON ASSEMBLY
P3-03-0041-001

RF beacon 406.028 Mhz Tests

Para.	Description	Min.	Results	Max.	Pass / Fail (circle one)
4.3.1	Peak Power at 406.028 MHZ	35.0dBm	<u>36.5</u> 35.0 dBm	N/A	P F
	Antenna gain including feeder and mismatch losses for 406.028 Mhz obtained from antenna field tests.	N/A	<u>9.5</u> N/A dB	N/A	N/A
	Peak power + antenna gain= EIRP	32.0dbm EIRP	<u>36.5</u> 35.0 dBm	N/A	P F
4.3.2	Frequency Accuracy 406.028 MHz $\pm$ 1 kHz	406.0270	<u>406.0284</u> 406.028 MHz	406.0290	P F

ORL
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DME

TEST DATA SHEETS
RF BEACON ASSEMBLY
A3-07-1032

POST HIGHTEMP TEST
RUN @ 25°C WITH
FRESH BATTERY,

Tested By: 11/1/02

DATE: 12/23/02

742 AM
8:05 AM
S/N 2007

RF PCB (A3-07-0039) Serial Number: 0002

DIGITAL PCB (A3-07-0038) Serial Number: 0016

Test Equipment	Model	Serial No. or Control No.	Cal. Due
SPEKTR	HP 568B	OR3063	9/18/03
GENERATOR	HP 8656B	OR1091	5/18/03
MODANA #1	HP 8901B	OR1093	1/30/03
SLOPE	HP 5450B	OR0627	8/29/03
TIME+FREQ ANA	HP 5371A	2842A0060	6/11/03
MODANA #2 (FOR ANALYZER)	HP 8901B	S/N 3704A0571	2/11/03
POWER SENSOR	HP 8481A	OR1092	1/29/03



TEST DATA SHEETS
RF BEACON ASSEMBLY
A3-07-1032

SPECTRUM ANALYZER OFFSET DETERMINATION AND PRETEST					
Para.	Description	Min.	Results	Max.	Pass / Fail (circle one)
3.3	HP8656 setting for 121.5MHZ	-0.5	<u>0.3</u> dBm	+0.5	P F
3.4	HP8656 setting for 243 MHz	-0.5	<u>0.3</u> dBm	+0.5	P F
3.5	HP8656 setting for 406.028 MHz	-0.5	<u>0.3</u> dBm	+0.5	P F

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RF beacon 121.5/243 Mhz Tests					
Para.	Description	Min.	Results	Max.	Pass / Fail (circle one)
4.1.1	Peak Power at 121.5 MHz	17.0dBm	<u>19.7</u> dBm	N/A	P F
	UUT current during 121.5/243 Mhz broadcast	N/A	<u>N/A</u> mA	100mA	P F
4.1.2	Frequency 121.5 MHz $\pm$ 6 kHz	121.494	<u>121.5014</u> MHz	121.506	P F
4.1.3	121.5 MHz Bandwidth $\geq$ +12.5 kHz	N/A	<u>-29.7</u> dBc	-25dBc	P F
	121.5 MHz Bandwidth $\leq$ -12.5 kHz	N/A	<u>-29.1</u> dBc	-25dBc	P F
	121.5 MHz Bandwidth $\geq$ +25 kHz	N/A	<u>-33.7</u> dBc	-30dBc	P F
	121.5 MHz Bandwidth $\leq$ -25 kHz	N/A	<u>-34.1</u> dBc	-30dBc	P F
4.1.4	Peak Power at 243 MHz	17.0dBm	<u>20.6</u> dBm	N/A	P F
4.1.5	Frequency 243 MHz $\pm$ 12 kHz	242.988	<u>243.0026</u> MHz	243.012	P F
4.1.6	243 MHz Bandwidth $\geq$ +12.5 kHz	N/A	<u>-29.4</u> dBc	-25dBc	P F
	243 MHz Bandwidth $\leq$ -12.5 kHz	N/A	<u>-29.2</u> dBc	-25dBc	P F
	243 MHz Bandwidth $\geq$ +25 kHz	N/A	<u>-33.3</u> dBc	-30dBc	P F
	243 MHz Bandwidth $\leq$ -25 kHz	N/A	<u>-34.2</u> dBc	-30dBc	P F
4.1.7	121.5 Mhz Modulation depth	N/A	<u>-62.2</u> dBc	-22dBc	P F
4.1.8	364.5 MHz harmonic	N/A	<u>-45.5</u> dBc	-30dBc	P F
	486 MHz harmonic	N/A	<u>-53.8</u> dBc	-30dBc	P F
4.1.9	121.5 /243 Mhz Duty cycle	45%	<u>61.35</u> %	67%	P F

ON BATTERY

CRL
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TEST DATA SHEETS
RF BEACON ASSEMBLY
A3-07-1032

RF beacon 406.028 Mhz Tests					
Para.	Description	Min.	Results	Max.	Pass / Fail (circle one)
4.2.1	Peak Power at 406.028 MHZ	35.0dBm	<u>36.5</u> dBm	39.0dbm	P F
	UUT peak current during 406 Mhz broadcast	N/A	<u>N/A</u> A	1.7A	P F
4.2.2	406.028 MHz Bandwidth $\geq +12.0$ kHz	N/A	<u>-40.2</u> dBc	-30dBc	P F
	406.028 MHz Bandwidth ≤ -12.0 kHz	N/A	<u>-41.3</u> dBc	-30dBc	P F
	406.028 MHz Bandwidth $\geq +24$ kHz	N/A	<u>-53.8</u> dBc	-40dBc	P F
	406.028 MHz Bandwidth ≤ -24 kHz	N/A	<u>-49.7</u> dBc	-40dBc	P F
4.2.3	812 MHz harmonic	N/A	<u>-43.3</u> dBc	-30dBc	P F
4.2.4	406 pulse falling (starting edge) time	0.3	<u>0.863</u> msec	5.0	P F
4.2.5	406 pulse rising (stopping edge) time	0.3	<u>1.44</u> msec	5.0	P F
4.2.6	Total transmission pulse time measured with diode detector.	435.6	<u>442.66</u> msec	444.4	P F
4.2.7	Total transmission time burst spacing measured with diode detector.	47.5	<u>48.7</u> sec	52.5	P F
4.2.9	Phase modulation +1.10 radian peak	1.00	<u>1.163</u> Rad	1.20	P F
4.2.10	Phase modulation -1.10 radian peak	-1.20	<u>-1.110</u> Rad	-1.00	P F
4.2.11	Phase modulation rise time	50usec	<u>164.6</u> usec	250 usec	P F
4.2.12	Phase modulation fall time	50usec	<u>173.8</u> usec	250 usec	P F
4.2.13	Phase modulation rise/fall symmetry	N/A	<u>0.018</u> ratio	0.05	P F
4.2.14	Modulation Bit rate 400 bits/sec	396.0	<u>401.07</u> Hz	404.0	P F
4.2.15	CW preamble time	158.4	<u>160.977</u> msec	161.6	P F
4.2.16	NOAA HEX ID ID/SN matches programmed in	N/A	<u>A00007C0144001</u>	N/A	P F
4.2.17	Frequency Accuracy 406.028 MHz ± 1 kHz	406.0270	<u>406.0280844</u> MHz	406.0290	P F
4.2.18	Short term stability	-2e-9	<u>374 x 10⁻¹²</u> n/a	2e-9	P F
4.2.19	medium term residual variation	-3e-9	<u>856 x 10⁻¹²</u> n/a	3e-9	P F
4.2.20	medium term slope	-1e-9	<u>-693 x 10⁻¹²</u> n/a	1e-9	P F

ORL
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TEST DATA SHEETS
RF BEACON ASSEMBLY
A3-07-1032

BIST ,activation and B antenna output power tests					
Para.	Description	Min.	Results	Max.	Pass / Fail (circle one)
4.3.2	Beacon stays off	N/A	N/A chk	N/A	P F
4.3.3	Beacon passes self test and goes off	N/A	N/A chk	N/A	P F
4.3.4	Beacon transmits when load is connected to B antenna	N/A	N/A chk	N/A	P F
4.3.6 (-002 version only)	Peak Power at 121.5 MHZ	17.0dBm	N/A dBm	N/A	P F
4.3.7 (-002 version only)	Peak Power at 243 MHZ	17.0dBm	N/A dBm	N/A	P F
4.3.8 (-002 version only)	Peak Power at 406.028 MHZ	35.0dBm	N/A dBm	39.0dBm	P F

TESTED IN Y1-02-1054 DWL

N/A
Wt

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DME

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TEST DATA SHEETS
RF BEACON ASSEMBLY
A3-07-1032

Beacon Calibration factor recording				
Para.	Description	Under 0 deg c	0 to 35 deg c	Over 35 deg c
4.4.4	12 volt gain settings for 121/243 power (Q1 location)			
4.4.5	12 volt gain settings for 406 power (Q3 location)			
4.4.6	406 phase modulation +1.1 radian (Q5 location)			
	406 phase modulation 0.0 radian (Q5 location)			
	406 phase modulation -1.1 radian (Q5 location)			
4.4.7	406 gain A (Q7 location)			
4.4.8	406 gain B (Q9 location)			
Para.	Description	N/A	Time in msec	N/A
4.4.9	Preamble time. (Q11 location)	N/A		N/A
Para.	Description	Over voltage mode	Nominal voltage	Undervoltage mode
4.4.10	406 gain B offset (Q13 location)			
Para.	Description	Over voltage mode	N/A	Undervoltage mode
4.4.11	Battery threshold (Q15 location)		N/A	

W/A UNIT RUN
ON BATTERY
(K)



BEACON SN 2007_12_23_02posthightemprunatroomtemp
TIME START 8:05:58 AM
DATE START 12/23/02

BEACON 121 OUTPUT POWER PASS
121 POWER PASS AT 19.70

BEACON 243 OUTPUT POWER PASS
243 POWER PASS AT 20.60

BEACON 406 OUTPUT POWER PASS
406 POWER PASS AT 36.50

BEACON 121 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -62.20

BEACON 243 85% MINIMUM MODULATION DEPTH PASS
-22DB MODULATION DEPTH LIMIT -54.10

BEACON DUTY CYCLE A PASS
DUTY CYCLE A PASS AT +6.13508E-01

AUDIO FREQ PASS
AUDIO FREQ LOW PASS AT +3.62371E+02
AUDIO FREQ HIGH PASS AT +1.51466E+03

BEACON 121 SIDEBAND PASS
CENTER FREQ PASS AT 121.5014E6

-25DB MAX VALUE FOR 12.5K TO 24.99K	12500	-29.70
-30DB MAX VALUE FOR 25.0K TO 44.00K	27000	-33.70
-25DB MAX VALUE FOR -12.5K TO -24.99K	-12600	-29.10
-30DB MAX VALUE FOR -25.0K TO -44.00K	-25200	-34.10

BEACON 243 SIDEBAND PASS
CENTER FREQ PASS AT 243.0026E6

-25DB MAX VALUE FOR 12.5K TO 24.99K	12500	-29.40
-30DB MAX VALUE FOR 25.0K TO 44.00K	26900	-35.30
-25DB MAX VALUE FOR -12.5K TO -24.99K	-12500	-29.20
-30DB MAX VALUE FOR -25.0K TO -44.00K	-26300	-34.20

BEACON 406 SIDEBAND PASS
CENTER FREQ PASS AT 406.02820E6

-20DB MAX VALUE FOR 3K TO 6.99K	3010	-23.90
-30DB MAX VALUE FOR 7K TO 11.99K	7040	-34.20
-35DB MAX VALUE FOR 12K TO 23.99K	12490	-40.20

-40DB MAX VALUE FOR 24K TO 25K	24070	-53.80
-20DB MAX VALUE FOR -3K TO -6.99K	-3010	-25.40
-30DB MAX VALUE FOR -7K TO -11.99K	-7040	-34.50
-35DB MAX VALUE FOR -12K TO -23.99K	-12030	-41.30
-40DB MAX VALUE FOR -24K TO -25K	-24990	-49.70



Test Start 12/23/02, 7:42 AM

---MODULATION TEST---

PosPhase

UL = 1.2000000

LL = 1.0000000

Results = 1.1630748

NegPhase

UL = -1.0000000

LL = -1.2000000

Results = -1.1152556

Test Status: PASSED

---MOD_SYM TEST---

ModRise

UL = 0.0002500

LL = 0.0000500

Results = 0.0001696

ModFall

UL = 0.0002500

LL = 0.0000500

Results = 0.0001738

ModSym

UL = 0.0500000

LL = N/A

Results = 0.0180399

Test Status: PASSED

---DECODER TEST---

Baud

UL = 404.0000000

LL = 396.0000000

Results = 401.0706640

Preamble

UL = 0.161600

LL = 0.158400

Results = 0.160977

ID/SN: ADDC07C01440401

Test Status: PASSED

---FREQUENCY TEST---

MeanFreq

UL = 406.0290000E+6

LL = 406.0270000E+6

Results = 406.0280844E+6

ShortTerm

UL = 2.0000000E-9

LL = -2.0000000E-9

Results = 374.8616473E-12

MediumTerm

UL = 3.0000000E-9

LL = -3.0000000E-9

Results = 856.5866347E-12

MeanSlope

UL = 1.0000000E-9

LL = -1.0000000E-9

Results = -693.3919239E-12

Test Status: PASSED

Test Finished 12/23/02, 8:00 AM