Analyzing most recent data capture for PP-FUSIS905 at 2021-10-26 15:46:32

Number of terminals: 39

Number of terminals in Beam Hysteresis: 0

Number of terminals in Sat Hysteresis: 3

Terminals in Sat Hysteresis:

Terminal iNet Time\_InNetwork Nominal\_CID Headroom Latitude Longitude Beam\_Hysteresis Sat\_Hysteresis CRC Symbols Upstream\_SNR Upstream\_CNO Downstream\_SNR Timestamp SF RH\_UCP\_CN0 Fade Customer

92582 73597 09:40:45 11 0.5 50.58713 N 1.19560 E No Yes 1623 1500000 6.0 67.76 10.7 2021-10-26 15:47:06 1 68.2 0.000090 KVH

36671 73597 02:25:04 5 1.5 58.32476 N 0.88940 E No Yes 116872 750000 3.8 62.55 7.4 2021-10-26 15:47:14 1 62.8 0.002903 KVH

95313 73597 03:34:50 5 1.0 53.55525 N 0.36830 E No Yes 118538 750000 3.8 62.55 4.8 2021-10-26 15:49:24 1 62.4 0.019255 NAV

Top longest in network terminals:

Terminal iNet Time\_InNetwork Nominal\_CID Headroom Latitude Longitude Beam\_Hysteresis Sat\_Hysteresis CRC Symbols Upstream\_SNR Upstream\_CNO Downstream\_SNR Timestamp SF RH\_UCP\_CN0 Fade Customer

91334 73597 29 days 23:16:52 1 3.0 41.21057 N 1.73160 E No No 2366183 1500000 6.0 67.76 12.6 2021-10-26 15:49:21 1 67.8 0.014981 MRN

90974 73597 23 days 10:04:26 11 4.5 38.70204 N 9.16290 W No No 4206443 1500000 6.0 67.76 10.0 2021-10-26 15:49:12 1 67.9 0.008990 KVH

91023 73597 18 days 09:34:36 4 0.0 39.53978 N 3.33550 E No No 951252 750000 6.0 64.75 5.8 2021-10-26 15:46:56 1 64.2 0.015058 KVH

91001 73597 16 days 09:25:52 11 5.5 43.73706 N 7.42920 E No No 39726 1500000 6.0 67.76 12.1 2021-10-26 15:46:54 1 67.8 0.005187 KVH

84376 73597 13 days 10:21:00 1 6.0 43.39981 N 3.69750 E No No 1498325 1500000 6.0 67.76 12.1 2021-10-26 15:48:44 1 67.6 0.002166 KVH

Top most recently entered terminals:

Terminal iNet Time\_InNetwork Nominal\_CID Headroom Latitude Longitude Beam\_Hysteresis Sat\_Hysteresis CRC Symbols Upstream\_SNR Upstream\_CNO Downstream\_SNR Timestamp SF RH\_UCP\_CN0 Fade Customer

95586 73597 00:12:30 2 2.0 54.60181 N 11.33940 E No No 10588 1500000 3.0 64.76 5.8 2021-10-26 15:48:17 1 64.4 0.037015 KVH

87044 73597 00:35:22 5 0.0 54.04366 N 6.59510 E No No 1269014 750000 3.8 62.55 13.9 2021-10-26 15:49:09 1 62.8 0.013400 KVH

89064 73597 00:56:34 11 0.0 44.31452 N 8.49570 E No No 218424 1500000 6.0 67.76 7.4 2021-10-26 15:46:51 1 68.1 0.079057 KVH

94916 73597 01:47:34 11 4.5 39.39219 N 0.28040 W No No 468972 1500000 6.0 67.76 10.9 2021-10-26 15:47:08 1 67.7 0.023685 KVH

97093 73597 02:05:45 11 0.0 54.63568 N 11.35510 E No No 5481 1500000 6.0 67.76 7.8 2021-10-26 15:49:28 1 68.6 0.104916 WLN

Numerical Data Summary:

Time\_InNetwork Headroom CRC Symbols Upstream\_SNR Upstream\_CNO Downstream\_SNR SF RH\_UCP\_CN0 Fade

count 39 39.000000 3.900000e+01 3.900000e+01 39.000000 39.000000 39.000000 39.0 39.000000 39.000000

mean 3 days 17:10:56.769230 2.910256 3.283152e+05 1.360000e+06 5.461538 66.644615 10.397436 1.0 66.574359 0.054684

std 7 days 00:43:16.221768 3.400603 7.997279e+05 3.048813e+05 1.249972 2.199994 2.717825 0.0 2.240268 0.179753

min 0 days 00:12:30 0.000000 1.600000e+01 5.400000e+05 0.600000 57.920000 4.600000 1.0 57.800000 0.000090

25% 0 days 04:55:18.500000 0.500000 1.768850e+04 1.500000e+06 6.000000 66.260000 9.100000 1.0 66.050000 0.009824

50% 0 days 14:39:06 2.000000 7.472800e+04 1.500000e+06 6.000000 67.760000 10.800000 1.0 67.600000 0.019255

75% 3 days 02:03:45 4.250000 1.446315e+05 1.500000e+06 6.000000 67.760000 12.200000 1.0 67.850000 0.037254

max 29 days 23:16:52 14.000000 4.206443e+06 1.500000e+06 6.000000 67.760000 14.700000 1.0 68.600000 1.139174

Total terminals: 39

iNet Beam Terminals Percent

73597 1 39 100.0

iNets Used: 1

Total iNets: 1

Unused iNets: []

Customer Terminals Percent

KVH 31 79.49

NAV 3 7.69

MRN 2 5.13

WLN 1 2.56

QKO 1 2.56

BCM 1 2.56

iNet #: 73597

Terminals Threshold\_CNO Threshold\_UpSNR Avg\_DownSNR

Nominal\_CID

11 17 67.76 6.0 11.02

1 12 67.76 6.0 12.11

5 3 62.55 3.8 8.70

2 3 64.76 3.0 8.00

10 2 64.75 6.0 6.15

7 1 57.92 0.6 4.60

4 1 64.75 6.0 5.80

Threshold table:

Nominal Inroute Sym.rate SF T1 T2 T3 C1 C2 C3

[ ] 1 1500000 1 4.40 5.00 6.00 66.16 66.76 67.76

[x] 11 1500000 1 4.40 5.00 6.00 66.16 66.76 67.76

[ ] 2 1500000 1 1.40 2.00 3.00 63.16 63.76 64.76

[ ] 3 750000 1 4.40 5.00 6.00 63.15 63.75 64.75

[ ] 4 750000 1 4.40 5.00 6.00 63.15 63.75 64.75

[ ] 10 750000 1 4.40 5.00 6.00 63.15 63.75 64.75

[ ] 5 750000 1 2.20 2.80 3.80 60.95 61.55 62.55

[ ] 6 540000 1 2.20 2.80 3.80 59.52 60.12 61.12

[ ] 7 540000 1 -1.00 -0.40 0.60 56.32 56.92 57.92

[ ] 9 540000 1 -1.00 -0.40 0.60 56.32 56.92 57.92

[ ] 8 330000 1 -1.00 -0.40 0.60 54.19 54.79 55.79

Unused Nominal CIDs: [3, 6, 9, 8]

Lowest Upstream SNRs:

Terminal iNet Time\_InNetwork Nominal\_CID Headroom Latitude Longitude Beam\_Hysteresis Sat\_Hysteresis CRC Symbols Upstream\_SNR Upstream\_CNO Downstream\_SNR Timestamp SF RH\_UCP\_CN0 Fade Customer

81762 73597 5 days 12:14:29 7 1.5 32.64184 N 16.91630 W No No 74728 540000 0.6 57.92 4.6 2021-10-26 15:48:41 1 57.8 0.029437 KVH

97037 73597 1 days 04:09:52 2 1.5 54.64431 N 11.36730 E No No 155365 1500000 3.0 64.76 8.6 2021-10-26 15:49:26 1 64.9 0.024891 NAV

84433 73597 0 days 07:25:29 2 1.5 35.86238 N 5.54020 W No No 3837 1500000 3.0 64.76 9.6 2021-10-26 15:46:38 1 64.9 0.056633 KVH

95586 73597 0 days 00:12:30 2 2.0 54.60181 N 11.33940 E No No 10588 1500000 3.0 64.76 5.8 2021-10-26 15:48:17 1 64.4 0.037015 KVH

95313 73597 0 days 03:34:50 5 1.0 53.55525 N 0.36830 E No Yes 118538 750000 3.8 62.55 4.8 2021-10-26 15:49:24 1 62.4 0.019255 NAV

36671 73597 0 days 02:25:04 5 1.5 58.32476 N 0.88940 E No Yes 116872 750000 3.8 62.55 7.4 2021-10-26 15:47:14 1 62.8 0.002903 KVH

87044 73597 0 days 00:35:22 5 0.0 54.04366 N 6.59510 E No No 1269014 750000 3.8 62.55 13.9 2021-10-26 15:49:09 1 62.8 0.013400 KVH

87323 73597 0 days 21:55:52 11 3.0 47.19321 N 1.60730 W No No 133898 1500000 6.0 67.76 11.0 2021-10-26 15:47:54 1 67.2 0.029072 KVH

87518 73597 0 days 05:15:51 11 1.0 53.78514 N 9.40990 E No No 93595 1500000 6.0 67.76 10.7 2021-10-26 15:47:56 1 67.3 0.018276 KVH

88978 73597 0 days 15:58:24 10 0.0 51.42182 N 1.44390 E No No 85410 750000 6.0 64.75 6.1 2021-10-26 15:47:57 1 64.3 0.053930 KVH

Lowest Upstream CNOs:

Terminal iNet Time\_InNetwork Nominal\_CID Headroom Latitude Longitude Beam\_Hysteresis Sat\_Hysteresis CRC Symbols Upstream\_SNR Upstream\_CNO Downstream\_SNR Timestamp SF RH\_UCP\_CN0 Fade Customer

81762 73597 5 days 12:14:29 7 1.5 32.64184 N 16.91630 W No No 74728 540000 0.6 57.92 4.6 2021-10-26 15:48:41 1 57.8 0.029437 KVH

95313 73597 0 days 03:34:50 5 1.0 53.55525 N 0.36830 E No Yes 118538 750000 3.8 62.55 4.8 2021-10-26 15:49:24 1 62.4 0.019255 NAV

36671 73597 0 days 02:25:04 5 1.5 58.32476 N 0.88940 E No Yes 116872 750000 3.8 62.55 7.4 2021-10-26 15:47:14 1 62.8 0.002903 KVH

87044 73597 0 days 00:35:22 5 0.0 54.04366 N 6.59510 E No No 1269014 750000 3.8 62.55 13.9 2021-10-26 15:49:09 1 62.8 0.013400 KVH

88978 73597 0 days 15:58:24 10 0.0 51.42182 N 1.44390 E No No 85410 750000 6.0 64.75 6.1 2021-10-26 15:47:57 1 64.3 0.053930 KVH

91023 73597 18 days 09:34:36 4 0.0 39.53978 N 3.33550 E No No 951252 750000 6.0 64.75 5.8 2021-10-26 15:46:56 1 64.2 0.015058 KVH

94951 73597 5 days 08:32:30 10 0.0 54.48564 N 13.58920 E No No 35645 750000 6.0 64.75 6.2 2021-10-26 15:47:10 1 64.2 0.035753 KVH

84433 73597 0 days 07:25:29 2 1.5 35.86238 N 5.54020 W No No 3837 1500000 3.0 64.76 9.6 2021-10-26 15:46:38 1 64.9 0.056633 KVH

95586 73597 0 days 00:12:30 2 2.0 54.60181 N 11.33940 E No No 10588 1500000 3.0 64.76 5.8 2021-10-26 15:48:17 1 64.4 0.037015 KVH

97037 73597 1 days 04:09:52 2 1.5 54.64431 N 11.36730 E No No 155365 1500000 3.0 64.76 8.6 2021-10-26 15:49:26 1 64.9 0.024891 NAV

Lowest Downstream SNRs:

Terminal iNet Time\_InNetwork Nominal\_CID Headroom Latitude Longitude Beam\_Hysteresis Sat\_Hysteresis CRC Symbols Upstream\_SNR Upstream\_CNO Downstream\_SNR Timestamp SF RH\_UCP\_CN0 Fade Customer

81762 73597 5 days 12:14:29 7 1.5 32.64184 N 16.91630 W No No 74728 540000 0.6 57.92 4.6 2021-10-26 15:48:41 1 57.8 0.029437 KVH

95313 73597 0 days 03:34:50 5 1.0 53.55525 N 0.36830 E No Yes 118538 750000 3.8 62.55 4.8 2021-10-26 15:49:24 1 62.4 0.019255 NAV

95586 73597 0 days 00:12:30 2 2.0 54.60181 N 11.33940 E No No 10588 1500000 3.0 64.76 5.8 2021-10-26 15:48:17 1 64.4 0.037015 KVH

91023 73597 18 days 09:34:36 4 0.0 39.53978 N 3.33550 E No No 951252 750000 6.0 64.75 5.8 2021-10-26 15:46:56 1 64.2 0.015058 KVH

88978 73597 0 days 15:58:24 10 0.0 51.42182 N 1.44390 E No No 85410 750000 6.0 64.75 6.1 2021-10-26 15:47:57 1 64.3 0.053930 KVH

94951 73597 5 days 08:32:30 10 0.0 54.48564 N 13.58920 E No No 35645 750000 6.0 64.75 6.2 2021-10-26 15:47:10 1 64.2 0.035753 KVH

89064 73597 0 days 00:56:34 11 0.0 44.31452 N 8.49570 E No No 218424 1500000 6.0 67.76 7.4 2021-10-26 15:46:51 1 68.1 0.079057 KVH

36671 73597 0 days 02:25:04 5 1.5 58.32476 N 0.88940 E No Yes 116872 750000 3.8 62.55 7.4 2021-10-26 15:47:14 1 62.8 0.002903 KVH

97093 73597 0 days 02:05:45 11 0.0 54.63568 N 11.35510 E No No 5481 1500000 6.0 67.76 7.8 2021-10-26 15:49:28 1 68.6 0.104916 WLN

97037 73597 1 days 04:09:52 2 1.5 54.64431 N 11.36730 E No No 155365 1500000 3.0 64.76 8.6 2021-10-26 15:49:26 1 64.9 0.024891 NAV

Lowest Symbols:

Terminal iNet Time\_InNetwork Nominal\_CID Headroom Latitude Longitude Beam\_Hysteresis Sat\_Hysteresis CRC Symbols Upstream\_SNR Upstream\_CNO Downstream\_SNR Timestamp SF RH\_UCP\_CN0 Fade Customer

81762 73597 5 days 12:14:29 7 1.5 32.64184 N 16.91630 W No No 74728 540000 0.6 57.92 4.6 2021-10-26 15:48:41 1 57.8 0.029437 KVH

91023 73597 18 days 09:34:36 4 0.0 39.53978 N 3.33550 E No No 951252 750000 6.0 64.75 5.8 2021-10-26 15:46:56 1 64.2 0.015058 KVH

95313 73597 0 days 03:34:50 5 1.0 53.55525 N 0.36830 E No Yes 118538 750000 3.8 62.55 4.8 2021-10-26 15:49:24 1 62.4 0.019255 NAV

88978 73597 0 days 15:58:24 10 0.0 51.42182 N 1.44390 E No No 85410 750000 6.0 64.75 6.1 2021-10-26 15:47:57 1 64.3 0.053930 KVH

36671 73597 0 days 02:25:04 5 1.5 58.32476 N 0.88940 E No Yes 116872 750000 3.8 62.55 7.4 2021-10-26 15:47:14 1 62.8 0.002903 KVH

87044 73597 0 days 00:35:22 5 0.0 54.04366 N 6.59510 E No No 1269014 750000 3.8 62.55 13.9 2021-10-26 15:49:09 1 62.8 0.013400 KVH

94951 73597 5 days 08:32:30 10 0.0 54.48564 N 13.58920 E No No 35645 750000 6.0 64.75 6.2 2021-10-26 15:47:10 1 64.2 0.035753 KVH

87518 73597 0 days 05:15:51 11 1.0 53.78514 N 9.40990 E No No 93595 1500000 6.0 67.76 10.7 2021-10-26 15:47:56 1 67.3 0.018276 KVH

92196 73597 7 days 18:25:28 11 3.5 53.98587 N 14.24830 E No No 163384 1500000 6.0 67.76 11.4 2021-10-26 15:48:08 1 68.0 0.006766 KVH

95586 73597 0 days 00:12:30 2 2.0 54.60181 N 11.33940 E No No 10588 1500000 3.0 64.76 5.8 2021-10-26 15:48:17 1 64.4 0.037015 KVH

Worst CRCs:

Terminal iNet Time\_InNetwork Nominal\_CID Headroom Latitude Longitude Beam\_Hysteresis Sat\_Hysteresis CRC Symbols Upstream\_SNR Upstream\_CNO Downstream\_SNR Timestamp SF RH\_UCP\_CN0 Fade Customer

90974 73597 23 days 10:04:26 11 4.5 38.70204 N 9.16290 W No No 4206443 1500000 6.0 67.76 10.0 2021-10-26 15:49:12 1 67.9 0.008990 KVH

91334 73597 29 days 23:16:52 1 3.0 41.21057 N 1.73160 E No No 2366183 1500000 6.0 67.76 12.6 2021-10-26 15:49:21 1 67.8 0.014981 MRN

84376 73597 13 days 10:21:00 1 6.0 43.39981 N 3.69750 E No No 1498325 1500000 6.0 67.76 12.1 2021-10-26 15:48:44 1 67.6 0.002166 KVH

87044 73597 0 days 00:35:22 5 0.0 54.04366 N 6.59510 E No No 1269014 750000 3.8 62.55 13.9 2021-10-26 15:49:09 1 62.8 0.013400 KVH

91023 73597 18 days 09:34:36 4 0.0 39.53978 N 3.33550 E No No 951252 750000 6.0 64.75 5.8 2021-10-26 15:46:56 1 64.2 0.015058 KVH

94916 73597 0 days 01:47:34 11 4.5 39.39219 N 0.28040 W No No 468972 1500000 6.0 67.76 10.9 2021-10-26 15:47:08 1 67.7 0.023685 KVH

89064 73597 0 days 00:56:34 11 0.0 44.31452 N 8.49570 E No No 218424 1500000 6.0 67.76 7.4 2021-10-26 15:46:51 1 68.1 0.079057 KVH

92196 73597 7 days 18:25:28 11 3.5 53.98587 N 14.24830 E No No 163384 1500000 6.0 67.76 11.4 2021-10-26 15:48:08 1 68.0 0.006766 KVH

45648 73597 0 days 13:15:44 1 0.0 51.96210 N 1.28910 E No No 157470 1500000 6.0 67.76 10.4 2021-10-26 15:47:17 1 68.2 0.057026 KVH

97037 73597 1 days 04:09:52 2 1.5 54.64431 N 11.36730 E No No 155365 1500000 3.0 64.76 8.6 2021-10-26 15:49:26 1 64.9 0.024891 NAV

Changes from last data capture at 2021-10-26 14:52:26

Most increased CRCs:

Terminal iNet Avg CRC/min

95313 73597 132.01

97093 73597 100.64

45648 73597 44.34

91023 73597 17.10

90974 73597 12.76

86619 73597 6.96

97037 73597 2.87

87518 73597 2.42

89244 73597 1.76

88978 73597 0.87

92582 73597 0.72

83831 73597 0.54

81762 73597 0.52

84433 73597 0.50

92196 73597 0.37

68304 73597 0.13

91334 73597 0.07

94951 73597 0.07

87323 73597 0.00

90490 73597 0.00

Most dropped downstream SNRs:

Terminal iNet DownSNR drop

97093 73597 -2.8

97037 73597 -2.3

94916 73597 -1.5

90490 73597 -1.4

96774 73597 -1.2

81762 73597 -0.9

79182 73597 -0.7

95313 73597 -0.5

60951 73597 -0.5

89064 73597 -0.5

88978 73597 -0.4

87518 73597 -0.4

37726 73597 -0.4

45648 73597 -0.4

86275 73597 -0.3

92582 73597 -0.3

94474 73597 -0.3

87339 73597 -0.3

83831 73597 -0.2

87123 73597 -0.2

Added Terminal IDs:

Terminal iNet Customer Time Added

89044 73597 KVH 2021-10-26 09:32:51

95586 73597 KVH 2021-10-26 15:35:47

84376 73597 KVH 2021-10-13 05:27:44

87044 73597 KVH 2021-10-26 15:13:47

Total: 4

Removed Terminal IDs:

Terminal iNet Customer

86597 73597 KVH

81894 73597 KVH

82653 73597 MRN

89003 73597 KVH

95596 73597 KVH

98459 73597 NAV

14685 73597 NAV

Total: 7