

DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Shonan EMC Lab. No.1 Semi-Anechoic Chamber
Date : 2021/01/23

Company : DENSO Corporation
 Kind of EUT : Cockpit Control Unit
 Model No. : DNNS127
 Serial No. : CP1.5-K3-GZ1-US-Base-105
 Remarks : Local, Port A

Mode : FM Reception Digital (87.75 MHz)
 Order No. : 13682531S
 Power : DC 13.2 V
 Temp./Humi. : 21 deg.C / 37 %RH

Limit : FCC_Part 15 Subpart B(15.109)_Class B

Engineer : Takahiro Suzuki

<< QP DATA >>

| No. | Freq. [MHz] | Reading | Ant.Fac [dB/m] | Loss [dB] | Gain [dB] | S.Fac [dB] | Result | Limit | Margin | Pola. [H/V] | Height [cm] | Angle [deg] | Ant. Type | Comment |
|-----|----------------|----------------|-------------------|--------------|--------------|---------------|------------------|--------------|--------|----------------|----------------|----------------|--------------|---------|
| | | <QP> [dBuV] | | | | | <QP> [dBuV/m] | <QP> [dB] | | | | | | |
| 1 | 87.530 | 31.26 | 7.75 | 8.02 | 31.82 | 0.39 | 15.60 | 40.00 | 24.4 | Hori. | 212 | 172 | BC | |
| 2 | 87.970 | 31.19 | 7.83 | 8.03 | 31.82 | 0.38 | 15.61 | 40.00 | 24.3 | Hori. | 230 | 311 | BC | |
| 3 | 175.060 | 30.06 | 15.83 | 8.95 | 31.78 | 0.00 | 23.06 | 43.50 | 20.4 | Hori. | 220 | 358 | BC | |
| 4 | 175.940 | 30.11 | 15.93 | 8.95 | 31.78 | -0.01 | 23.20 | 43.50 | 20.3 | Hori. | 221 | 359 | BC | |
| 5 | 351.880 | 38.25 | 15.07 | 6.89 | 31.81 | 0.00 | 28.40 | 46.00 | 17.6 | Hori. | 100 | 161 | LP | |
| 6 | 612.710 | 23.28 | 19.45 | 8.30 | 32.10 | 0.00 | 18.93 | 46.00 | 27.0 | Hori. | 100 | 98 | LP | |
| 7 | 615.790 | 22.93 | 19.49 | 8.32 | 32.11 | 0.00 | 18.63 | 46.00 | 27.3 | Hori. | 100 | 17 | LP | |
| 8 | 87.530 | 38.00 | 7.75 | 8.02 | 31.82 | 0.39 | 22.34 | 40.00 | 17.6 | Vert. | 100 | 28 | BC | |
| 9 | 87.970 | 39.05 | 7.83 | 8.03 | 31.82 | 0.38 | 23.47 | 40.00 | 16.5 | Vert. | 100 | 198 | BC | |
| 10 | 175.060 | 28.84 | 15.83 | 8.95 | 31.78 | 0.00 | 21.84 | 43.50 | 21.6 | Vert. | 100 | 58 | BC | |
| 11 | 175.940 | 28.89 | 15.93 | 8.95 | 31.78 | -0.01 | 21.98 | 43.50 | 21.5 | Vert. | 100 | 252 | BC | |
| 12 | 351.880 | 34.26 | 15.07 | 6.89 | 31.81 | 0.00 | 24.41 | 46.00 | 21.5 | Vert. | 100 | 67 | LP | |
| 13 | 612.710 | 23.73 | 19.45 | 8.30 | 32.10 | 0.00 | 19.38 | 46.00 | 26.6 | Vert. | 100 | 28 | LP | |
| 14 | 615.790 | 23.07 | 19.49 | 8.32 | 32.11 | 0.00 | 18.77 | 46.00 | 27.2 | Vert. | 100 | 183 | LP | |

Calculation: Result[dBuV/m]=Reading[dBuV]+Ant.Fac[dB/m]+Loss(Cable+ATT)[dB]-Gain(AMP)[dB]+S.Fac(AF)[dB]
 Ant.Type=BC:Biconical Antenna LP:Logperiodic Antenna **SH*: Horn Antenna

DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Shonan EMC Lab. No.1 Semi-Anechoic Chamber
Date : 2021/01/23

Company : DENSO Corporation
 Kind of EUT : Cockpit Control Unit
 Model No. : DNNS127
 Serial No. : CP1.5-K3-GZ1-US-Base-105
 Remarks : Local, Port A

Mode : FM Reception Digital (97.7 MHz)
 Order No. : 13682531S
 Power : DC 13.2 V
 Temp./Humi. : 21 deg.C / 37 %RH

Limit : FCC_Part 15 Subpart B(15.109)_Class B

Engineer : Takahiro Suzuki

<< QP DATA >>

| No. | Freq. [MHz] | Reading | Ant.Fac [dB/m] | Loss [dB] | Gain [dB] | S.Fac [dB] | Result | Limit | Margin | Pola. [H/V] | Height [cm] | Angle [deg] | Ant. Type | Comment |
|-----|----------------|---------|-------------------|--------------|--------------|---------------|----------|----------|--------|----------------|----------------|----------------|--------------|---------|
| | | <QP> | | | | | <QP> | <QP> | | | | | | |
| | | [dBuV] | | | | | [dBuV/m] | [dBuV/m] | [dB] | | | | | |
| 1 | 97.480 | 26.00 | 9.74 | 8.16 | 31.82 | 0.14 | 12.22 | 43.50 | 31.2 | Hori. | 222 | 311 | BC | |
| 2 | 97.920 | 25.84 | 9.82 | 8.16 | 31.82 | 0.12 | 12.12 | 43.50 | 31.3 | Hori. | 208 | 155 | BC | |
| 3 | 194.960 | 31.27 | 16.54 | 9.13 | 31.78 | -0.14 | 25.02 | 43.50 | 18.4 | Hori. | 166 | 158 | BC | |
| 4 | 195.840 | 30.09 | 16.53 | 9.14 | 31.78 | -0.14 | 23.84 | 43.50 | 19.6 | Hori. | 167 | 158 | BC | |
| 5 | 292.440 | 33.67 | 13.53 | 6.50 | 31.78 | 0.00 | 21.92 | 46.00 | 24.0 | Hori. | 100 | 117 | LP | |
| 6 | 293.760 | 34.62 | 13.55 | 6.51 | 31.78 | 0.00 | 22.90 | 46.00 | 23.1 | Hori. | 100 | 107 | LP | |
| 7 | 389.920 | 41.63 | 15.41 | 7.14 | 31.85 | 0.00 | 32.33 | 46.00 | 13.6 | Hori. | 100 | 158 | LP | |
| 8 | 391.680 | 40.56 | 15.46 | 7.15 | 31.85 | 0.00 | 31.32 | 46.00 | 14.6 | Hori. | 100 | 158 | LP | |
| 9 | 682.360 | 23.79 | 19.61 | 8.67 | 32.16 | 0.00 | 19.91 | 46.00 | 26.0 | Hori. | 100 | 119 | LP | |
| 10 | 783.360 | 22.93 | 20.58 | 9.11 | 32.04 | 0.00 | 20.58 | 46.00 | 25.4 | Hori. | 100 | 6 | LP | |
| 11 | 97.480 | 26.09 | 9.74 | 8.16 | 31.82 | 0.14 | 12.31 | 43.50 | 31.1 | Vert. | 100 | 22 | BC | |
| 12 | 97.920 | 25.87 | 9.82 | 8.16 | 31.82 | 0.12 | 12.15 | 43.50 | 31.3 | Vert. | 100 | 54 | BC | |
| 13 | 194.960 | 32.92 | 16.54 | 9.13 | 31.78 | -0.14 | 26.67 | 43.50 | 16.8 | Vert. | 100 | 150 | BC | |
| 14 | 195.840 | 31.79 | 16.53 | 9.14 | 31.78 | -0.14 | 25.54 | 43.50 | 17.9 | Vert. | 100 | 141 | BC | |
| 15 | 292.440 | 35.17 | 13.53 | 6.50 | 31.78 | 0.00 | 23.42 | 46.00 | 22.5 | Vert. | 100 | 211 | LP | |
| 16 | 293.760 | 36.07 | 13.55 | 6.51 | 31.78 | 0.00 | 24.35 | 46.00 | 21.6 | Vert. | 100 | 150 | LP | |
| 17 | 389.920 | 37.25 | 15.41 | 7.14 | 31.85 | 0.00 | 27.95 | 46.00 | 18.0 | Vert. | 100 | 88 | LP | |
| 18 | 391.680 | 37.86 | 15.46 | 7.15 | 31.85 | 0.00 | 28.62 | 46.00 | 17.3 | Vert. | 100 | 82 | LP | |
| 19 | 682.360 | 30.52 | 19.61 | 8.67 | 32.16 | 0.00 | 26.64 | 46.00 | 19.3 | Vert. | 100 | 119 | LP | |
| 20 | 783.360 | 23.64 | 20.58 | 9.11 | 32.04 | 0.00 | 21.29 | 46.00 | 24.7 | Vert. | 100 | 186 | LP | |

Calculation: Result[dBuV/m]=Reading[dBuV]+Ant.Fac[dB/m]+Loss(Cable+ATT)[dB]-Gain(AMP)[dB]+S.Fac(AF)[dB]
 Ant.Type=BC:Biconical Antenna LP:Logperiodic Antenna **SH*: Horn Antenna

DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Shonan EMC Lab. No.1 Semi-Anechoic Chamber
Date : 2021/01/23

Company : DENSO Corporation
 Kind of EUT : Cockpit Control Unit
 Model No. : DNNS127
 Serial No. : CP1.5-K3-GZ1-US-Base-105
 Remarks : Local, Port A

Mode : FM Reception Digital(107.9 MHz)
 Order No. : 13682531S
 Power : DC 13.2 V
 Temp./Humi. : 21 deg.C / 37 %RH

Limit : FCC_Part 15 Subpart B(15.109)_Class B

Engineer : Takahiro Suzuki

<< QP DATA >>

| No. | Freq. [MHz] | Reading | Ant.Fac [dB/m] | Loss [dB] | Gain [dB] | S.Fac [dB] | Result | Limit | Margin | Pola. [H/V] | Height [cm] | Angle [deg] | Ant. Type | Comment |
|-----|----------------|----------------|-------------------|--------------|--------------|---------------|------------------|--------------|------------------|----------------|----------------|----------------|--------------|---------|
| | | <QP> [dBuV] | | | | | <QP> [dBuV/m] | <QP> [dB] | <QP> [dBuV/m] | | | | | |
| 1 | 107.680 | 30.08 | 11.54 | 8.27 | 31.81 | -0.09 | 17.99 | 43.50 | 25.5 | Hori. | 283 | 312 | BC | |
| 2 | 108.120 | 30.13 | 11.60 | 8.27 | 31.81 | -0.10 | 18.09 | 43.50 | 25.4 | Hori. | 294 | 324 | BC | |
| 3 | 215.360 | 38.82 | 11.15 | 5.93 | 31.77 | 0.00 | 24.13 | 43.50 | 19.3 | Hori. | 152 | 87 | LP | |
| 4 | 216.240 | 39.44 | 11.15 | 5.94 | 31.77 | 0.00 | 24.76 | 46.00 | 21.2 | Hori. | 154 | 131 | LP | |
| 5 | 430.720 | 31.95 | 16.06 | 7.37 | 31.90 | 0.00 | 23.48 | 46.00 | 22.5 | Hori. | 100 | 339 | LP | |
| 6 | 432.480 | 32.96 | 16.08 | 7.38 | 31.90 | 0.00 | 24.52 | 46.00 | 21.4 | Hori. | 100 | 20 | LP | |
| 7 | 756.840 | 23.73 | 20.22 | 8.99 | 32.05 | 0.00 | 20.89 | 46.00 | 25.1 | Hori. | 100 | 11 | LP | |
| 8 | 107.680 | 25.72 | 11.54 | 8.27 | 31.81 | -0.09 | 13.63 | 43.50 | 29.8 | Vert. | 100 | 104 | BC | |
| 9 | 108.120 | 24.82 | 11.60 | 8.27 | 31.81 | -0.10 | 12.78 | 43.50 | 30.7 | Vert. | 100 | 57 | BC | |
| 10 | 215.360 | 41.10 | 11.15 | 5.93 | 31.77 | 0.00 | 26.41 | 43.50 | 17.0 | Vert. | 100 | 123 | LP | |
| 11 | 216.240 | 43.21 | 11.15 | 5.94 | 31.77 | 0.00 | 28.53 | 46.00 | 17.4 | Vert. | 100 | 110 | LP | |
| 12 | 430.720 | 26.75 | 16.06 | 7.37 | 31.90 | 0.00 | 18.28 | 46.00 | 27.7 | Vert. | 100 | 204 | LP | |
| 13 | 432.480 | 27.39 | 16.08 | 7.38 | 31.90 | 0.00 | 18.95 | 46.00 | 27.0 | Vert. | 270 | 305 | LP | |
| 14 | 756.840 | 25.58 | 20.22 | 8.99 | 32.05 | 0.00 | 22.74 | 46.00 | 23.2 | Vert. | 100 | 66 | LP | |

DATA OF RADIATED EMISSION TEST

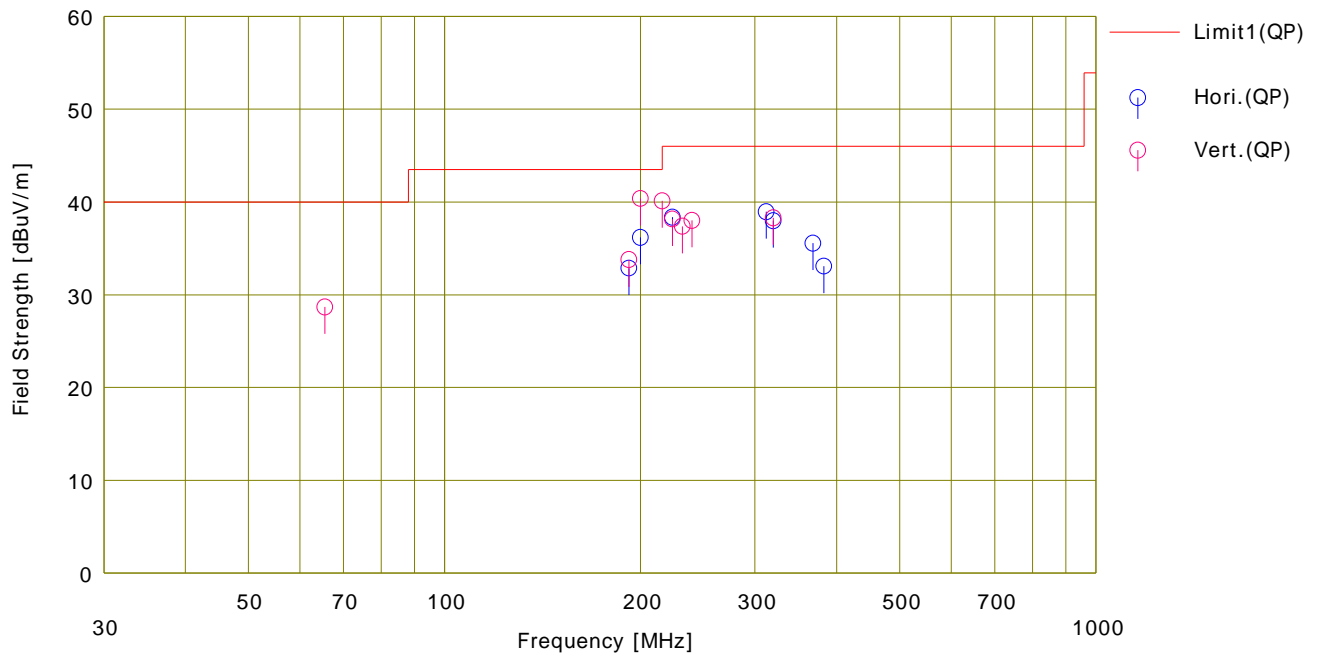
UL Japan, Inc. Shonan EMC Lab. No. 1 Semi-Anechoic Chamber
Date : 2021/01/23

Company : DENSO Corporation
 Kind of EUT : Cockpit Control Unit
 Model No. : DNNS127
 Serial No. : CP1.5-K3-GZ1-US-Base-105
 Remarks : Other, Port A

Mode : FM Reception Digital (97.7 MHz)
 Order No. : 13682531S
 Power : DC 13.2 V
 Temp./Humi. : 20 deg.C / 33 %RH

Limit : FCC_Part 15 Subpart B(15.109)_Class B

Engineer : Shunsaku Yumi



| No. | Freq. [MHz] | Reading | Ant.Fac [dB/m] | Loss [dB] | Gain [dB] | S.Fac [dB] | Result | Limit | Margin | Pola. [H/V] | Height [cm] | Angle [deg] | Ant. Type | Comment |
|-----|----------------|----------------|-------------------|--------------|--------------|---------------|------------------|------------------|--------------|----------------|----------------|----------------|--------------|---------|
| | | <QP> [dBuV] | | | | | <QP> [dBuV/m] | <QP> [dBuV/m] | <QP> [dB] | | | | | |
| 1 | 192.000 | 39.30 | 16.38 | 9.10 | 31.78 | -0.13 | 32.87 | 43.50 | 10.6 | Hori. | 166 | 280 | BC | |
| 2 | 200.001 | 50.70 | 11.43 | 5.81 | 31.78 | 0.00 | 36.16 | 43.50 | 7.3 | Hori. | 174 | 296 | LP | |
| 3 | 224.001 | 52.90 | 11.22 | 6.00 | 31.77 | 0.00 | 38.35 | 46.00 | 7.6 | Hori. | 151 | 358 | LP | |
| 4 | 312.000 | 50.20 | 13.89 | 6.64 | 31.79 | 0.00 | 38.94 | 46.00 | 7.0 | Hori. | 138 | 154 | LP | |
| 5 | 320.002 | 48.90 | 14.17 | 6.69 | 31.79 | 0.00 | 37.97 | 46.00 | 8.0 | Hori. | 100 | 161 | LP | |
| 6 | 368.000 | 45.30 | 15.06 | 7.00 | 31.82 | 0.00 | 35.54 | 46.00 | 10.4 | Hori. | 100 | 186 | LP | |
| 7 | 382.270 | 42.60 | 15.22 | 7.09 | 31.84 | 0.00 | 33.07 | 46.00 | 12.9 | Hori. | 100 | 149 | LP | |
| 8 | 65.556 | 46.10 | 7.13 | 7.72 | 31.83 | -0.46 | 28.66 | 40.00 | 11.3 | Vert. | 100 | 276 | BC | |
| 9 | 192.003 | 40.20 | 16.38 | 9.10 | 31.78 | -0.13 | 33.77 | 43.50 | 9.7 | Vert. | 100 | 125 | BC | |
| 10 | 200.002 | 54.90 | 11.43 | 5.81 | 31.78 | 0.00 | 40.36 | 43.50 | 3.1 | Vert. | 174 | 296 | LP | |
| 11 | 216.000 | 54.80 | 11.15 | 5.93 | 31.77 | 0.00 | 40.11 | 43.50 | 3.3 | Vert. | 100 | 129 | LP | |
| 12 | 224.000 | 52.70 | 11.22 | 6.00 | 31.77 | 0.00 | 38.15 | 46.00 | 7.8 | Vert. | 100 | 152 | LP | |
| 13 | 231.999 | 51.70 | 11.38 | 6.06 | 31.77 | 0.00 | 37.37 | 46.00 | 8.6 | Vert. | 100 | 148 | LP | |
| 14 | 240.002 | 52.10 | 11.55 | 6.12 | 31.77 | 0.00 | 38.00 | 46.00 | 8.0 | Vert. | 100 | 137 | LP | |
| 15 | 320.000 | 49.20 | 14.17 | 6.69 | 31.79 | 0.00 | 38.27 | 46.00 | 7.7 | Vert. | 100 | 77 | LP | |

Calculation: Result[dBuV/m]=Reading[dBuV]+Ant.Fac[dB/m]+Loss(Cable+ATT)[dB]-Gain(AMP)[dB]+S.Fac(AF)[dB]
 Ant.Type=BC:Biconical Antenna LP:Logperiodic Antenna **SH*: Horn Antenna

DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Shonan EMC Lab. No.1 Semi-Anechoic Chamber
Date : 2021/01/23

Company : DENSO Corporation
 Kind of EUT : Cockpit Control Unit
 Model No. : DNNS127
 Serial No. : CP1.5-K3-GZ1-US-Base-105
 Remarks : Local, Port A

Mode : FM Reception Analog (87.75 MHz)
 Order No. : 13682531S
 Power : DC 13.2 V
 Temp./Humi. : 21 deg.C / 37 %RH

Limit : FCC_Part 15 Subpart B(15.109)_Class B

Engineer : Takahiro Suzuki

<< QP DATA >>

| No. | Freq. [MHz] | Reading | Ant.Fac [dB/m] | Loss [dB] | Gain [dB] | S.Fac [dB] | Result | Limit | Margin | Pola. [H/V] | Height [cm] | Angle [deg] | Ant. Type | Comment |
|-----|----------------|----------------|-------------------|--------------|--------------|---------------|------------------|------------------|--------------|----------------|----------------|----------------|--------------|---------|
| | | <QP> [dBuV] | | | | | <QP> [dBuV/m] | <QP> [dBuV/m] | <QP> [dB] | | | | | |
| 1 | 87.530 | 28.75 | 7.75 | 8.02 | 31.82 | 0.39 | 13.09 | 40.00 | 26.9 | Hori. | 327 | 111 | BC | |
| 2 | 87.970 | 27.47 | 7.83 | 8.03 | 31.82 | 0.38 | 11.89 | 40.00 | 28.1 | Hori. | 316 | 97 | BC | |
| 3 | 175.060 | 29.28 | 15.83 | 8.95 | 31.78 | 0.00 | 22.28 | 43.50 | 21.2 | Hori. | 261 | 356 | BC | |
| 4 | 175.940 | 29.52 | 15.93 | 8.95 | 31.78 | -0.01 | 22.61 | 43.50 | 20.8 | Hori. | 257 | 1 | BC | |
| 5 | 262.590 | 32.17 | 12.38 | 6.29 | 31.77 | 0.00 | 19.07 | 46.00 | 26.9 | Hori. | 145 | 247 | LP | |
| 6 | 439.850 | 36.34 | 16.20 | 7.42 | 31.91 | 0.00 | 28.05 | 46.00 | 17.9 | Hori. | 114 | 103 | LP | |
| 7 | 612.710 | 22.89 | 19.45 | 8.30 | 32.10 | 0.00 | 18.54 | 46.00 | 27.4 | Hori. | 100 | 116 | LP | |
| 8 | 87.530 | 34.23 | 7.75 | 8.02 | 31.82 | 0.39 | 18.57 | 40.00 | 21.4 | Vert. | 100 | 218 | BC | |
| 9 | 87.970 | 32.45 | 7.83 | 8.03 | 31.82 | 0.38 | 16.87 | 40.00 | 23.1 | Vert. | 100 | 198 | BC | |
| 10 | 175.060 | 25.29 | 15.83 | 8.95 | 31.78 | 0.00 | 18.29 | 43.50 | 25.2 | Vert. | 100 | 355 | BC | |
| 11 | 175.940 | 27.18 | 15.93 | 8.95 | 31.78 | -0.01 | 20.27 | 43.50 | 23.2 | Vert. | 100 | 5 | BC | |
| 12 | 262.590 | 31.54 | 12.38 | 6.29 | 31.77 | 0.00 | 18.44 | 46.00 | 27.5 | Vert. | 100 | 54 | LP | |
| 13 | 439.850 | 30.02 | 16.20 | 7.42 | 31.91 | 0.00 | 21.73 | 46.00 | 24.2 | Vert. | 100 | 153 | LP | |
| 14 | 612.710 | 22.88 | 19.45 | 8.30 | 32.10 | 0.00 | 18.53 | 46.00 | 27.4 | Vert. | 100 | 86 | LP | |

Calculation: Result[dBuV/m]=Reading[dBuV]+Ant.Fac[dB/m]+Loss(Cable+ATT)[dB]-Gain(AMP)[dB]+S.Fac(AF)[dB]
 Ant.Type=BC:Biconical Antenna LP:Logperiodic Antenna **SH*: Horn Antenna

DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Shonan EMC Lab. No.1 Semi-Anechoic Chamber
Date : 2021/01/23

Company : DENSO Corporation
 Kind of EUT : Cockpit Control Unit
 Model No. : DNNS127
 Serial No. : CP1.5-K3-GZ1-US-Base-105
 Remarks : Local, Port A

Mode : FM Reception Analog (97.7 MHz)
 Order No. : 13682531S
 Power : DC 13.2 V
 Temp./Humi. : 21 deg.C / 37 %RH

Limit : FCC_Part 15 Subpart B(15.109)_Class B

Engineer : Takahiro Suzuki

<< QP DATA >>

| No. | Freq. [MHz] | Reading | Ant.Fac [dB/m] | Loss [dB] | Gain [dB] | S.Fac [dB] | Result | Limit | Margin | Pola. [H/V] | Height [cm] | Angle [deg] | Ant. Type | Comment |
|-----|----------------|----------------|-------------------|--------------|--------------|---------------|------------------|--------------|------------------|----------------|----------------|----------------|--------------|---------|
| | | <QP> [dBuV] | | | | | <QP> [dBuV/m] | <QP> [dB] | <QP> [dBuV/m] | | | | | |
| 1 | 97.480 | 24.89 | 9.74 | 8.16 | 31.82 | 0.14 | 11.11 | 43.50 | 32.3 | Hori. | 191 | 289 | BC | |
| 2 | 97.920 | 25.16 | 9.82 | 8.16 | 31.82 | 0.12 | 11.44 | 43.50 | 32.0 | Hori. | 190 | 301 | BC | |
| 3 | 194.960 | 28.52 | 16.54 | 9.13 | 31.78 | -0.14 | 22.27 | 43.50 | 21.2 | Hori. | 172 | 163 | BC | |
| 4 | 195.840 | 28.78 | 16.53 | 9.14 | 31.78 | -0.14 | 22.53 | 43.50 | 20.9 | Hori. | 171 | 315 | BC | |
| 5 | 292.440 | 36.73 | 13.53 | 6.50 | 31.78 | 0.00 | 24.98 | 46.00 | 21.0 | Hori. | 105 | 113 | LP | |
| 6 | 389.920 | 39.24 | 15.41 | 7.14 | 31.85 | 0.00 | 29.94 | 46.00 | 16.0 | Hori. | 100 | 156 | LP | |
| 7 | 685.440 | 23.02 | 19.63 | 8.69 | 32.16 | 0.00 | 19.18 | 46.00 | 26.8 | Hori. | 100 | 225 | LP | |
| 8 | 97.480 | 24.65 | 9.74 | 8.16 | 31.82 | 0.14 | 10.87 | 43.50 | 32.6 | Vert. | 100 | 211 | BC | |
| 9 | 97.920 | 24.72 | 9.82 | 8.16 | 31.82 | 0.12 | 11.00 | 43.50 | 32.5 | Vert. | 100 | 303 | BC | |
| 10 | 194.960 | 27.78 | 16.54 | 9.13 | 31.78 | -0.14 | 21.53 | 43.50 | 21.9 | Vert. | 100 | 9 | BC | |
| 11 | 195.840 | 27.27 | 16.53 | 9.14 | 31.78 | -0.14 | 21.02 | 43.50 | 22.4 | Vert. | 100 | 298 | BC | |
| 12 | 292.440 | 34.25 | 13.53 | 6.50 | 31.78 | 0.00 | 22.50 | 46.00 | 23.5 | Vert. | 100 | 128 | LP | |
| 13 | 389.920 | 37.00 | 15.41 | 7.14 | 31.85 | 0.00 | 27.70 | 46.00 | 18.3 | Vert. | 100 | 280 | LP | |
| 14 | 685.440 | 23.66 | 19.63 | 8.69 | 32.16 | 0.00 | 19.82 | 46.00 | 26.1 | Vert. | 100 | 321 | LP | |

Calculation: Result[dBuV/m]=Reading[dBuV]+Ant.Fac[dB/m]+Loss(Cable+ATT)[dB]-Gain(AMP)[dB]+S.Fac(AF)[dB]
 Ant.Type=BC:Biconical Antenna LP:Logperiodic Antenna **SH*: Horn Antenna

DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Shonan EMC Lab. No.1 Semi-Anechoic Chamber
Date : 2021/01/23

Company : DENSO Corporation
 Kind of EUT : Cockpit Control Unit
 Model No. : DNNS127
 Serial No. : CP1.5-K3-GZ1-US-Base-105
 Remarks : Local, Port A

Mode : FM Reception Analog (107.9 MHz)
 Order No. : 13682531S
 Power : DC 13.2 V
 Temp./Humi. : 21 deg.C / 37 %RH

Limit : FCC_Part 15 Subpart B(15.109)_Class B

Engineer : Takahiro Suzuki

<< QP DATA >>

| No. | Freq. [MHz] | Reading | Ant.Fac [dB/m] | Loss [dB] | Gain [dB] | S.Fac [dB] | Result | Limit | Margin | Pola. [H/V] | Height [cm] | Angle [deg] | Ant. Type | Comment |
|-----|----------------|---------|-------------------|--------------|--------------|---------------|----------|-------|--------|----------------|----------------|----------------|--------------|---------|
| | | <QP> | | | | | <QP> | <QP> | | | | | | |
| | | [dBuV] | | | | | [dBuV/m] | [dB] | | | | | | |
| 1 | 107.680 | 27.49 | 11.54 | 8.27 | 31.81 | -0.09 | 15.40 | 43.50 | 28.1 | Hori. | 284 | 127 | BC | |
| 2 | 108.120 | 27.00 | 11.60 | 8.27 | 31.81 | -0.10 | 14.96 | 43.50 | 28.5 | Hori. | 206 | 309 | BC | |
| 3 | 215.360 | 36.37 | 11.15 | 5.93 | 31.77 | 0.00 | 21.68 | 43.50 | 21.8 | Hori. | 154 | 95 | LP | |
| 4 | 216.240 | 37.43 | 11.15 | 5.94 | 31.77 | 0.00 | 22.75 | 46.00 | 23.2 | Hori. | 154 | 247 | LP | |
| 5 | 432.480 | 33.56 | 16.08 | 7.38 | 31.90 | 0.00 | 25.12 | 46.00 | 20.8 | Hori. | 122 | 96 | LP | |
| 6 | 646.080 | 22.71 | 19.22 | 8.47 | 32.15 | 0.00 | 18.25 | 46.00 | 27.7 | Hori. | 122 | 253 | LP | |
| 7 | 648.720 | 22.38 | 19.20 | 8.48 | 32.16 | 0.00 | 17.90 | 46.00 | 28.1 | Hori. | 100 | 63 | LP | |
| 8 | 107.680 | 25.70 | 11.54 | 8.27 | 31.81 | -0.09 | 13.61 | 43.50 | 29.8 | Vert. | 100 | 209 | BC | |
| 9 | 108.120 | 25.54 | 11.60 | 8.27 | 31.81 | -0.10 | 13.50 | 43.50 | 30.0 | Vert. | 100 | 253 | BC | |
| 10 | 215.360 | 40.52 | 11.15 | 5.93 | 31.77 | 0.00 | 25.83 | 43.50 | 17.6 | Vert. | 100 | 112 | LP | |
| 11 | 216.240 | 42.77 | 11.15 | 5.94 | 31.77 | 0.00 | 28.09 | 46.00 | 17.9 | Vert. | 100 | 107 | LP | |
| 12 | 432.480 | 27.75 | 16.08 | 7.38 | 31.90 | 0.00 | 19.31 | 46.00 | 26.6 | Vert. | 100 | 292 | LP | |
| 13 | 646.080 | 23.63 | 19.22 | 8.47 | 32.15 | 0.00 | 19.17 | 46.00 | 26.8 | Vert. | 100 | 246 | LP | |
| 14 | 648.720 | 24.09 | 19.20 | 8.48 | 32.16 | 0.00 | 19.61 | 46.00 | 26.3 | Vert. | 100 | 31 | LP | |

Calculation: Result[dBuV/m]=Reading[dBuV]+Ant.Fac[dB/m]+Loss(Cable+ATT)[dB]-Gain(AMP)[dB]+S.Fac(AF)[dB]
 Ant.Type=BC:Biconical Antenna LP:Logperiodic Antenna **SH*: Horn Antenna

DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Shonan EMC Lab. No.1 Semi-Anechoic Chamber

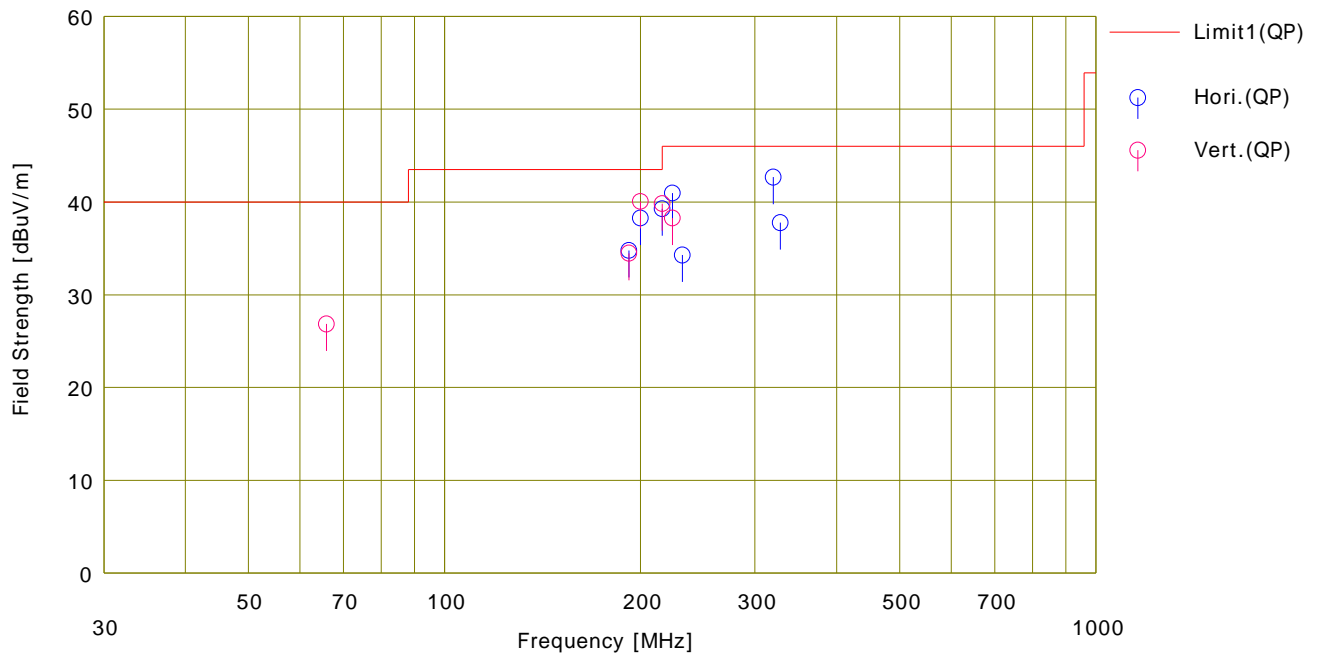
Date : 2021/01/23

Company : DENSO Corporation
 Kind of EUT : Cockpit Control Unit
 Model No. : DNNS127
 Serial No. : CP1.5-K3-GZ1-US-Base-105
 Remarks : Other, Port A

Mode : FM Reception Analog (97.7 MHz)
 Order No. : 13682531S
 Power : DC 13.2 V
 Temp./Humi. : 20 deg.C / 33 %RH

Limit : FCC_Part 15 Subpart B(15.109)_Class B

Engineer : Shunsaku Yumi



| No. | Freq. [MHz] | Reading | Ant.Fac [dB/m] | Loss [dB] | Gain [dB] | S.Fac [dB] | Result | Limit | Margin | Pola. [H/V] | Height [cm] | Angle [deg] | Ant. Type | Comment |
|-----|----------------|----------------|-------------------|--------------|--------------|---------------|------------------|--------------|------------------|----------------|----------------|----------------|--------------|---------|
| | | <QP> [dBuV] | | | | | <QP> [dBuV/m] | <QP> [dB] | <QP> [dBuV/m] | | | | | |
| 1 | 192.001 | 41.20 | 16.38 | 9.10 | 31.78 | -0.13 | 34.77 | 43.50 | 8.7 | Hori. | 171 | 218 | BC | |
| 2 | 200.002 | 52.80 | 11.43 | 5.81 | 31.78 | 0.00 | 38.26 | 43.50 | 5.2 | Hori. | 161 | 105 | LP | |
| 3 | 216.000 | 53.95 | 11.15 | 5.93 | 31.77 | 0.00 | 39.26 | 43.50 | 4.2 | Hori. | 221 | 345 | LP | |
| 4 | 224.001 | 55.50 | 11.22 | 6.00 | 31.77 | 0.00 | 40.95 | 46.00 | 5.0 | Hori. | 211 | 354 | LP | |
| 5 | 232.000 | 48.60 | 11.38 | 6.06 | 31.77 | 0.00 | 34.27 | 46.00 | 11.7 | Hori. | 143 | 128 | LP | |
| 6 | 320.001 | 53.60 | 14.17 | 6.69 | 31.79 | 0.00 | 42.67 | 46.00 | 3.3 | Hori. | 100 | 29 | LP | |
| 7 | 327.999 | 48.40 | 14.43 | 6.74 | 31.80 | 0.00 | 37.77 | 46.00 | 8.2 | Hori. | 139 | 153 | LP | |
| 8 | 65.944 | 44.30 | 7.07 | 7.73 | 31.83 | -0.44 | 26.83 | 40.00 | 13.1 | Vert. | 100 | 282 | BC | |
| 9 | 192.000 | 40.90 | 16.38 | 9.10 | 31.78 | -0.13 | 34.47 | 43.50 | 9.0 | Vert. | 100 | 145 | BC | |
| 10 | 200.000 | 54.60 | 11.43 | 5.81 | 31.78 | 0.00 | 40.06 | 43.50 | 3.4 | Vert. | 100 | 322 | LP | |
| 11 | 215.999 | 54.50 | 11.15 | 5.93 | 31.77 | 0.00 | 39.81 | 43.50 | 3.6 | Vert. | 100 | 348 | LP | |
| 12 | 224.000 | 52.80 | 11.22 | 6.00 | 31.77 | 0.00 | 38.25 | 46.00 | 7.7 | Vert. | 100 | 342 | LP | |

Calculation: Result[dBuV/m]=Reading[dBuV]+Ant.Fac[dB/m]+Loss(Cable+ATT)[dB]-Gain(AMP)[dB]+S.Fac(AF)[dB]
 Ant.Type=BC:Biconical Antenna LP:Logperiodic Antenna **SH*: Horn Antenna

DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Shonan EMC Lab. No.2 Semi-Anechoic Chamber
Date : 2021/01/27

Company : DENSO Corporation
 Kind of EUT : Cockpit Control Unit
 Model No. : DNNS127
 Serial No. : CP1.5-K3-GZ1-US-Base-105
 Remarks : Local, Port B

Mode : FM Reception Analog (87.75 MHz)
 Order No. : 13682531S
 Power : DC 13.2 V
 Temp./Humi. : 23 deg.C / 40 %RH

Limit : FCC_Part 15 Subpart B(15.109)_Class B

Engineer : Yusuke Ohnuma

<< QP DATA >>

| No. | Freq. [MHz] | Reading | Ant.Fac [dB/m] | Loss [dB] | Gain [dB] | S.Fac [dB] | Result | Limit | Margin | Pola. [H/V] | Height [cm] | Angle [deg] | Ant. Type | Comment |
|-----|----------------|----------------|-------------------|--------------|--------------|---------------|------------------|--------------|------------------|----------------|----------------|----------------|--------------|---------|
| | | <QP> [dBuV] | | | | | <QP> [dBuV/m] | <QP> [dB] | <QP> [dBuV/m] | | | | | |
| 1 | 87.530 | 26.90 | 7.79 | 7.78 | 31.87 | 0.39 | 10.99 | 40.00 | 29.0 | Hori. | 298 | 91 | BC | |
| 2 | 87.970 | 27.10 | 7.87 | 7.79 | 31.87 | 0.38 | 11.27 | 40.00 | 28.7 | Hori. | 289 | 79 | BC | |
| 3 | 175.060 | 29.20 | 15.78 | 8.74 | 31.78 | 0.00 | 21.94 | 43.50 | 21.5 | Hori. | 166 | 212 | BC | |
| 4 | 175.940 | 29.40 | 15.88 | 8.74 | 31.78 | -0.01 | 22.23 | 43.50 | 21.2 | Hori. | 150 | 247 | BC | |
| 5 | 262.590 | 32.30 | 12.33 | 6.13 | 31.69 | 0.00 | 19.07 | 46.00 | 26.9 | Hori. | 171 | 135 | LP | |
| 6 | 439.850 | 34.20 | 16.22 | 7.30 | 31.63 | 0.00 | 26.09 | 46.00 | 19.9 | Hori. | 105 | 171 | LP | |
| 7 | 612.710 | 23.60 | 19.37 | 8.16 | 31.60 | 0.00 | 19.53 | 46.00 | 26.4 | Hori. | 100 | 90 | LP | |
| 8 | 87.530 | 33.40 | 7.79 | 7.78 | 31.87 | 0.39 | 17.49 | 40.00 | 22.5 | Vert. | 100 | 182 | BC | |
| 9 | 87.970 | 32.80 | 7.87 | 7.79 | 31.87 | 0.38 | 16.97 | 40.00 | 23.0 | Vert. | 100 | 180 | BC | |
| 10 | 175.060 | 27.10 | 15.78 | 8.74 | 31.78 | 0.00 | 19.84 | 43.50 | 23.6 | Vert. | 100 | 12 | BC | |
| 11 | 175.940 | 27.20 | 15.88 | 8.74 | 31.78 | -0.01 | 20.03 | 43.50 | 23.4 | Vert. | 100 | 346 | BC | |
| 12 | 262.590 | 30.10 | 12.33 | 6.13 | 31.69 | 0.00 | 16.87 | 46.00 | 29.1 | Vert. | 100 | 154 | LP | |
| 13 | 439.850 | 29.00 | 16.22 | 7.30 | 31.63 | 0.00 | 20.89 | 46.00 | 25.1 | Vert. | 100 | 181 | LP | |
| 14 | 612.710 | 22.30 | 19.37 | 8.16 | 31.60 | 0.00 | 18.23 | 46.00 | 27.7 | Vert. | 100 | 18 | LP | |

Calculation: Result[dBuV/m]=Reading[dBuV]+Ant.Fac[dB/m]+Loss(Cable+ATT)[dB]-Gain(AMP)[dB]+S.Fac(AF)[dB]
 Ant.Type=BC:Biconical Antenna LP:Logperiodic Antenna **SH*: Horn Antenna

DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Shonan EMC Lab. No.2 Semi-Anechoic Chamber
Date : 2021/01/27

Company : DENSO Corporation
 Kind of EUT : Cockpit Control Unit
 Model No. : DNNS127
 Serial No. : CP1.5-K3-GZ1-US-Base-105
 Remarks : Local, Port B

Mode : FM Reception Analog (97.7 MHz)
 Order No. : 13682531S
 Power : DC 13.2 V
 Temp./Humi. : 23 deg.C / 40 %RH

Limit : FCC_Part 15 Subpart B(15.109)_Class B

Engineer : Yusuke Ohnuma

<< QP DATA >>

| No. | Freq. [MHz] | Reading | Ant.Fac [dB/m] | Loss [dB] | Gain [dB] | S.Fac [dB] | Result | Limit | Margin | Pola. [H/V] | Height [cm] | Angle [deg] | Ant. Type | Comment |
|-----|----------------|---------|-------------------|--------------|--------------|---------------|----------|-------|--------|----------------|----------------|----------------|--------------|---------|
| | | <QP> | | | | | <QP> | <QP> | | | | | | |
| | | [dBuV] | | | | | [dBuV/m] | [dB] | | | | | | |
| 1 | 97.480 | 26.00 | 9.77 | 7.92 | 31.86 | 0.14 | 11.97 | 43.50 | 31.5 | Hori. | 167 | 251 | BC | |
| 2 | 97.920 | 26.90 | 9.85 | 7.92 | 31.86 | 0.12 | 12.93 | 43.50 | 30.5 | Hori. | 168 | 243 | BC | |
| 3 | 194.960 | 29.20 | 16.50 | 8.92 | 31.76 | -0.14 | 22.72 | 43.50 | 20.7 | Hori. | 138 | 104 | BC | |
| 4 | 195.840 | 27.50 | 16.49 | 8.93 | 31.76 | -0.14 | 21.02 | 43.50 | 22.4 | Hori. | 149 | 166 | BC | |
| 5 | 292.440 | 38.10 | 13.50 | 6.34 | 31.67 | 0.00 | 26.27 | 46.00 | 19.7 | Hori. | 100 | 119 | LP | |
| 6 | 389.920 | 39.30 | 15.41 | 6.95 | 31.63 | 0.00 | 30.03 | 46.00 | 15.9 | Hori. | 100 | 184 | LP | |
| 7 | 685.440 | 22.60 | 19.62 | 8.50 | 31.58 | 0.00 | 19.14 | 46.00 | 26.8 | Hori. | 100 | 359 | LP | |
| 8 | 97.480 | 26.00 | 9.77 | 7.92 | 31.86 | 0.14 | 11.97 | 43.50 | 31.5 | Vert. | 100 | 83 | BC | |
| 9 | 97.920 | 25.70 | 9.85 | 7.92 | 31.86 | 0.12 | 11.73 | 43.50 | 31.7 | Vert. | 100 | 83 | BC | |
| 10 | 194.960 | 30.20 | 16.50 | 8.92 | 31.76 | -0.14 | 23.72 | 43.50 | 19.7 | Vert. | 100 | 303 | BC | |
| 11 | 195.840 | 29.70 | 16.49 | 8.93 | 31.76 | -0.14 | 23.22 | 43.50 | 20.2 | Vert. | 100 | 54 | BC | |
| 12 | 292.440 | 32.80 | 13.50 | 6.34 | 31.67 | 0.00 | 20.97 | 46.00 | 25.0 | Vert. | 100 | 218 | LP | |
| 13 | 389.920 | 33.90 | 15.41 | 6.95 | 31.63 | 0.00 | 24.63 | 46.00 | 21.3 | Vert. | 100 | 207 | LP | |
| 14 | 685.440 | 23.60 | 19.62 | 8.50 | 31.58 | 0.00 | 20.14 | 46.00 | 25.8 | Vert. | 100 | 136 | LP | |

Calculation: Result[dBuV/m]=Reading[dBuV]+Ant.Fac[dB/m]+Loss(Cable+ATT)[dB]-Gain(AMP)[dB]+S.Fac(AF)[dB]
 Ant.Type=BC:Biconical Antenna LP:Logperiodic Antenna **SH*: Horn Antenna

DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Shonan EMC Lab. No.2 Semi-Anechoic Chamber
Date : 2021/01/27

Company : DENSO Corporation
 Kind of EUT : Cockpit Control Unit
 Model No. : DNNS127
 Serial No. : CP1.5-K3-GZ1-US-Base-105
 Remarks : Local, Port B

Mode : FM Reception Analog (107.9 MHz)
 Order No. : 13682531S
 Power : DC 13.2 V
 Temp./Humi. : 23 deg.C / 40 %RH

Limit : FCC_Part 15 Subpart B(15.109)_Class B

Engineer : Yusuke Ohnuma

<< QP DATA >>

| No. | Freq. [MHz] | Reading | Ant.Fac [dB/m] | Loss [dB] | Gain [dB] | S.Fac [dB] | Result | Limit | Margin | Pola. [H/V] | Height [cm] | Angle [deg] | Ant. Type | Comment |
|-----|----------------|---------|-------------------|--------------|--------------|---------------|----------|-------|--------|----------------|----------------|----------------|--------------|---------|
| | | <QP> | | | | | <QP> | <QP> | | | | | | |
| | | [dBuV] | | | | | [dBuV/m] | [dB] | | | | | | |
| 1 | 107.680 | 28.10 | 11.55 | 8.03 | 31.85 | -0.09 | 15.74 | 43.50 | 27.7 | Hori. | 264 | 213 | BC | |
| 2 | 108.120 | 27.80 | 11.61 | 8.04 | 31.85 | -0.10 | 15.50 | 43.50 | 28.0 | Hori. | 220 | 198 | BC | |
| 3 | 215.360 | 33.20 | 11.18 | 5.77 | 31.74 | 0.00 | 18.41 | 43.50 | 25.0 | Hori. | 154 | 242 | LP | |
| 4 | 216.240 | 36.20 | 11.17 | 5.78 | 31.74 | 0.00 | 21.41 | 46.00 | 24.5 | Hori. | 152 | 108 | LP | |
| 5 | 432.480 | 33.30 | 16.09 | 7.25 | 31.63 | 0.00 | 25.01 | 46.00 | 20.9 | Hori. | 100 | 236 | LP | |
| 6 | 646.080 | 23.50 | 19.20 | 8.32 | 31.62 | 0.00 | 19.40 | 46.00 | 26.6 | Hori. | 100 | 8 | LP | |
| 7 | 648.720 | 23.10 | 19.19 | 8.33 | 31.62 | 0.00 | 19.00 | 46.00 | 27.0 | Hori. | 100 | 35 | LP | |
| 8 | 107.680 | 26.30 | 11.55 | 8.03 | 31.85 | -0.09 | 13.94 | 43.50 | 29.5 | Vert. | 100 | 111 | BC | |
| 9 | 108.120 | 26.30 | 11.61 | 8.04 | 31.85 | -0.10 | 14.00 | 43.50 | 29.5 | Vert. | 100 | 204 | BC | |
| 10 | 215.360 | 35.70 | 11.18 | 5.77 | 31.74 | 0.00 | 20.91 | 43.50 | 22.5 | Vert. | 100 | 76 | LP | |
| 11 | 216.240 | 34.50 | 11.17 | 5.78 | 31.74 | 0.00 | 19.71 | 46.00 | 26.2 | Vert. | 100 | 213 | LP | |
| 12 | 432.480 | 30.10 | 16.09 | 7.25 | 31.63 | 0.00 | 21.81 | 46.00 | 24.1 | Vert. | 100 | 333 | LP | |
| 13 | 646.080 | 24.40 | 19.20 | 8.32 | 31.62 | 0.00 | 20.30 | 46.00 | 25.7 | Vert. | 100 | 41 | LP | |
| 14 | 648.720 | 24.70 | 19.19 | 8.33 | 31.62 | 0.00 | 20.60 | 46.00 | 25.4 | Vert. | 100 | 53 | LP | |

Calculation: Result[dBuV/m]=Reading[dBuV]+Ant.Fac[dB/m]+Loss(Cable+ATT)[dB]-Gain(AMP)[dB]+S.Fac(AF)[dB]
 Ant.Type=BC:Biconical Antenna LP:Logperiodic Antenna **SH*: Horn Antenna

DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Shonan EMC Lab. No.2 Semi-Anechoic Chamber

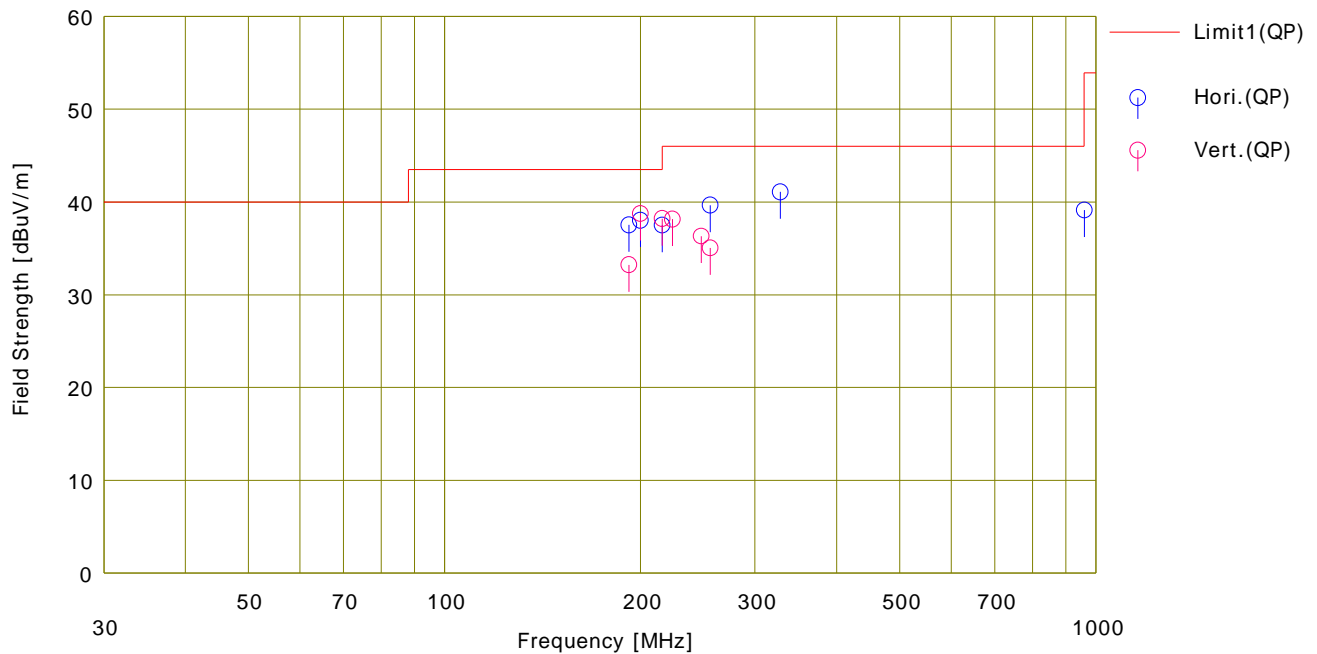
Date : 2021/01/27

Company : DENSO Corporation
 Kind of EUT : Cockpit Control Unit
 Model No. : DNNS127
 Serial No. : CP1.5-K3-GZ1-US-Base-105
 Remarks : Other, Port B

Mode : FM Reception Analog (97.7 MHz)
 Order No. : 13682531S
 Power : DC 13.2 V
 Temp./Humi. : 23 deg.C / 40 %RH

Limit : FCC_Part 15 Subpart B(15.109)_Class B

Engineer : Yusuke Ohnuma



| No. | Freq. [MHz] | Reading | Ant.Fac [dB/m] | Loss [dB] | Gain [dB] | S.Fac [dB] | Result | Limit | Margin | Pola. [H/V] | Height [cm] | Angle [deg] | Ant. Type | Comment |
|-----|----------------|----------------|-------------------|--------------|--------------|---------------|------------------|------------------|--------------|----------------|----------------|----------------|--------------|---------|
| | | <QP> [dBuV] | | | | | <QP> [dBuV/m] | <QP> [dBuV/m] | <QP> [dB] | | | | | |
| 1 | 192.011 | 44.20 | 16.33 | 8.89 | 31.77 | -0.13 | 37.52 | 43.50 | 5.9 | Hori. | 157 | 228 | BC | |
| 2 | 200.001 | 52.70 | 11.45 | 5.65 | 31.76 | 0.00 | 38.04 | 43.50 | 5.4 | Hori. | 168 | 203 | LP | |
| 3 | 216.000 | 52.30 | 11.17 | 5.77 | 31.74 | 0.00 | 37.50 | 43.50 | 6.0 | Hori. | 149 | 166 | LP | |
| 4 | 256.000 | 53.30 | 11.97 | 6.08 | 31.70 | 0.00 | 39.65 | 46.00 | 6.3 | Hori. | 169 | 350 | LP | |
| 5 | 327.999 | 51.70 | 14.44 | 6.58 | 31.65 | 0.00 | 41.07 | 46.00 | 4.9 | Hori. | 121 | 215 | LP | |
| 6 | 960.252 | 37.70 | 22.11 | 9.73 | 30.41 | 0.00 | 39.13 | 53.90 | 14.7 | Hori. | 100 | 174 | LP | |
| 7 | 192.011 | 39.90 | 16.33 | 8.89 | 31.77 | -0.13 | 33.22 | 43.50 | 10.2 | Vert. | 100 | 91 | BC | |
| 8 | 200.001 | 53.40 | 11.45 | 5.65 | 31.76 | 0.00 | 38.74 | 43.50 | 4.7 | Vert. | 100 | 103 | LP | |
| 9 | 216.000 | 53.00 | 11.17 | 5.77 | 31.74 | 0.00 | 38.20 | 43.50 | 5.3 | Vert. | 100 | 89 | LP | |
| 10 | 224.002 | 52.80 | 11.23 | 5.84 | 31.73 | 0.00 | 38.14 | 46.00 | 7.8 | Vert. | 100 | 185 | LP | |
| 11 | 248.003 | 50.30 | 11.71 | 6.02 | 31.70 | 0.00 | 36.33 | 46.00 | 9.6 | Vert. | 100 | 313 | LP | |
| 12 | 256.000 | 48.70 | 11.97 | 6.08 | 31.70 | 0.00 | 35.05 | 46.00 | 10.9 | Vert. | 100 | 159 | LP | |

Calculation: Result[dBuV/m]=Reading[dBuV]+Ant.Fac[dB/m]+Loss(Cable+ATT)[dB]-Gain(AMP)[dB]+S.Fac(AF)[dB]
 Ant.Type=BC:Biconical Antenna LP:Logperiodic Antenna **SH*: Horn Antenna

DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Shonan EMC Lab. No.1 Semi-Anechoic Chamber
Date : 2021/01/24

Company : DENSO Corporation
 Kind of EUT : Cockpit Control Unit
 Model No. : DNNS127
 Serial No. : CP1.5-K3-GZ1-US-Base-105
 Remarks : Local, Port A, Distance=320 cm

Mode : FM Reception Digital (87.75 MHz)
 Order No. : 13682531S
 Power : DC 13.2 V
 Temp./Humi. : 20 deg.C / 39 %RH

Limit : FCC_Part 15 Subpart B(15.109)_Class B

Engineer : Yasumasa Owaki

<< AV/PK DATA >>

| No. | Freq. [MHz] | Reading | | Ant.Fac [dB/m] | Loss [dB] | Gain [dB] | D.Fac [dB] | Result | | Limit | | Margin | | Pola. [H/V] | Height [cm] | Angle [deg] | Ant. Type | Comment |
|-----|----------------|---------|--------|-------------------|--------------|--------------|---------------|----------|----------|----------|----------|--------|------|----------------|----------------|----------------|--------------|---------|
| | | <AV> | <PK> | | | | | <AV> | <PK> | <AV> | <PK> | <AV> | <PK> | | | | | |
| | | [dBuV] | [dBuV] | | | | | [dBuV/m] | [dBuV/m] | [dBuV/m] | [dBuV/m] | [dB] | [dB] | | | | | |
| 1 | 1319.550 | 33.66 | 46.66 | 25.38 | 3.44 | 39.24 | 0.57 | 23.81 | 36.81 | 53.90 | 73.90 | 30.0 | 37.0 | Hori. | 211 | 211 | 31SH1 | |
| 2 | 1759.400 | 33.55 | 46.14 | 25.00 | 3.95 | 39.33 | 0.57 | 23.74 | 36.33 | 53.90 | 73.90 | 30.1 | 37.5 | Hori. | 100 | 147 | 31SH1 | |
| 3 | 2639.100 | 34.15 | 46.96 | 27.88 | 4.88 | 39.58 | 0.57 | 27.90 | 40.71 | 53.90 | 73.90 | 26.0 | 33.1 | Hori. | 166 | 184 | 31SH1 | |
| 4 | 3518.800 | 55.26 | 57.71 | 28.78 | 5.63 | 39.55 | 0.57 | 50.69 | 53.14 | 53.90 | 73.90 | 3.2 | 20.7 | Hori. | 112 | 177 | 31SH1 | |
| 5 | 1319.550 | 33.82 | 46.97 | 25.38 | 3.44 | 39.24 | 0.57 | 23.97 | 37.12 | 53.90 | 73.90 | 29.9 | 36.7 | Vert. | 151 | 3 | 31SH1 | |
| 6 | 1759.400 | 34.55 | 48.27 | 25.00 | 3.95 | 39.33 | 0.57 | 24.74 | 38.46 | 53.90 | 73.90 | 29.1 | 35.4 | Vert. | 234 | 189 | 31SH1 | |
| 7 | 2639.100 | 34.05 | 47.36 | 27.88 | 4.88 | 39.58 | 0.57 | 27.80 | 41.11 | 53.90 | 73.90 | 26.1 | 32.7 | Vert. | 100 | 147 | 31SH1 | |
| 8 | 3518.800 | 56.81 | 59.08 | 28.78 | 5.63 | 39.55 | 0.57 | 52.24 | 54.51 | 53.90 | 73.90 | 1.6 | 19.3 | Vert. | 177 | 213 | 31SH1 | |

Calculation: Result[dBuV/m]=Reading[dBuV]+Ant.Fac[dB/m]+Loss(Cable)[dB]+D.Fac[dB]-Gain(AMP)[dB]
 Ant.Type=BC:Biconical Antenna LP:Logperiodic Antenna **SH*: Horn Antenna

DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Shonan EMC Lab. No.1 Semi-Anechoic Chamber
Date : 2021/01/24

Company : DENSO Corporation
 Kind of EUT : Cockpit Control Unit
 Model No. : DNNS127
 Serial No. : CP1.5-K3-GZ1-US-Base-105
 Remarks : Local, Port A, Distance=320 cm

Mode : FM Reception Digital (97.7 MHz)
 Order No. : 13682531S
 Power : DC 13.2 V
 Temp./Humi. : 20 deg.C / 39 %RH

Limit : FCC_Part 15 Subpart B(15.109)_Class B

Engineer : Yasumasa Owaki

<< AV/PK DATA >>

| No. | Freq. [MHz] | Reading | | Ant.Fac [dB/m] | Loss [dB] | Gain [dB] | D.Fac [dB] | Result | | Limit | | Margin | | Pola. [H/V] | Height [cm] | Angle [deg] | Ant. Type | Comment |
|-----|----------------|---------|--------|-------------------|--------------|--------------|---------------|----------|----------|-------|-------|--------|------|----------------|----------------|----------------|--------------|---------|
| | | <AV> | <PK> | | | | | <AV> | <PK> | <AV> | <PK> | <AV> | <PK> | | | | | |
| | | [dBuV] | [dBuV] | | | | | [dBuV/m] | [dBuV/m] | [dB] | [dB] | [dB] | [dB] | | | | | |
| 1 | 1462.200 | 33.67 | 46.19 | 25.07 | 3.61 | 39.24 | 0.57 | 23.68 | 36.20 | 53.90 | 73.90 | 30.2 | 37.7 | Hori. | 100 | 129 | 31SH1 | |
| 2 | 1949.600 | 34.27 | 46.95 | 25.72 | 4.17 | 39.40 | 0.57 | 25.33 | 38.01 | 53.90 | 73.90 | 28.5 | 35.8 | Hori. | 100 | 141 | 31SH1 | |
| 3 | 3119.360 | 48.56 | 52.99 | 28.86 | 5.30 | 39.57 | 0.57 | 43.72 | 48.15 | 53.90 | 73.90 | 10.1 | 25.7 | Hori. | 210 | 223 | 31SH1 | |
| 4 | 3899.200 | 32.66 | 45.12 | 29.72 | 5.96 | 39.51 | 0.57 | 29.40 | 41.86 | 53.90 | 73.90 | 24.5 | 32.0 | Hori. | 100 | 201 | 31SH1 | |
| 5 | 1462.200 | 34.18 | 47.35 | 25.07 | 3.61 | 39.24 | 0.57 | 24.19 | 37.36 | 53.90 | 73.90 | 29.7 | 36.5 | Vert. | 192 | 289 | 31SH1 | |
| 6 | 1949.600 | 33.80 | 46.47 | 25.72 | 4.17 | 39.40 | 0.57 | 24.86 | 37.53 | 53.90 | 73.90 | 29.0 | 36.3 | Vert. | 160 | 223 | 31SH1 | |
| 7 | 3119.360 | 51.62 | 54.78 | 28.86 | 5.30 | 39.57 | 0.57 | 46.78 | 49.94 | 53.90 | 73.90 | 7.1 | 23.9 | Vert. | 194 | 159 | 31SH1 | |
| 8 | 3899.200 | 32.75 | 45.77 | 29.72 | 5.96 | 39.51 | 0.57 | 29.49 | 42.51 | 53.90 | 73.90 | 24.4 | 31.3 | Vert. | 100 | 211 | 31SH1 | |

Calculation: Result[dBuV/m]=Reading[dBuV]+Ant.Fac[dB/m]+Loss(Cable)[dB]+D.Fac[dB]-Gain(AMP)[dB]
 Ant.Type=BC:Biconical Antenna LP:Logperiodic Antenna **SH*: Horn Antenna

DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Shonan EMC Lab. No.1 Semi-Anechoic Chamber
Date : 2021/01/24

Company : DENSO Corporation
 Kind of EUT : Cockpit Control Unit
 Model No. : DNNS127
 Serial No. : CP1.5-K3-GZ1-US-Base-105
 Remarks : Local, Port A, Distance=320 cm

Mode : FM Reception Digital(107.9 MHz)
 Order No. : 13682531S
 Power : DC 13.2 V
 Temp./Humi. : 20 deg.C / 39 %RH

Limit : FCC_Part 15 Subpart B(15.109)_Class B

Engineer : Yasumasa Owaki

<< AV/PK DATA >>

| No. | Freq. [MHz] | Reading | | Ant.Fac [dB/m] | Loss [dB] | Gain [dB] | D.Fac [dB] | Result | | Limit | | Margin | | Pola. [H/V] | Height [cm] | Angle [deg] | Ant. Type | Comment |
|-----|----------------|---------|--------|-------------------|--------------|--------------|---------------|----------|----------|----------|----------|--------|------|----------------|----------------|----------------|--------------|---------|
| | | <AV> | <PK> | | | | | <AV> | <PK> | <AV> | <PK> | <AV> | <PK> | | | | | |
| | | [dBuV] | [dBuV] | | | | | [dBuV/m] | [dBuV/m] | [dBuV/m] | [dBuV/m] | [dB] | [dB] | | | | | |
| 1 | 1621.800 | 34.22 | 47.87 | 24.90 | 3.80 | 39.28 | 0.57 | 24.21 | 37.86 | 53.90 | 73.90 | 29.6 | 36.0 | Hori. | 100 | 199 | 31SH1 | |
| 2 | 2703.000 | 33.02 | 45.89 | 28.02 | 4.93 | 39.58 | 0.57 | 26.96 | 39.83 | 53.90 | 73.90 | 26.9 | 34.0 | Hori. | 167 | 208 | 31SH1 | |
| 3 | 3459.840 | 55.80 | 58.06 | 28.50 | 5.59 | 39.55 | 0.57 | 50.91 | 53.17 | 53.90 | 73.90 | 2.9 | 20.7 | Hori. | 100 | 200 | 31SH1 | |
| 4 | 4324.800 | 33.00 | 45.88 | 30.34 | 6.27 | 39.68 | 0.57 | 30.50 | 43.38 | 53.90 | 73.90 | 23.4 | 30.5 | Hori. | 100 | 0 | 31SH1 | |
| 5 | 1621.800 | 33.89 | 46.55 | 24.90 | 3.80 | 39.28 | 0.57 | 23.88 | 36.54 | 53.90 | 73.90 | 30.0 | 37.3 | Vert. | 100 | 190 | 31SH1 | |
| 6 | 2703.000 | 33.71 | 47.39 | 28.02 | 4.93 | 39.58 | 0.57 | 27.65 | 41.33 | 53.90 | 73.90 | 26.2 | 32.5 | Vert. | 142 | 151 | 31SH1 | |
| 7 | 3459.840 | 56.62 | 58.92 | 28.50 | 5.59 | 39.55 | 0.57 | 51.73 | 54.03 | 53.90 | 73.90 | 2.1 | 19.8 | Vert. | 175 | 162 | 31SH1 | |
| 8 | 4324.800 | 33.02 | 45.55 | 30.34 | 6.27 | 39.68 | 0.57 | 30.52 | 43.05 | 53.90 | 73.90 | 23.3 | 30.8 | Vert. | 100 | 0 | 31SH1 | |

Calculation: Result[dBuV/m]=Reading[dBuV]+Ant.Fac[dB/m]+Loss(Cable)[dB]+D.Fac[dB]-Gain(AMP)[dB]
 Ant.Type=BC:Biconical Antenna LP:Logperiodic Antenna **SH*: Horn Antenna

DATA OF RADIATED EMISSION TEST

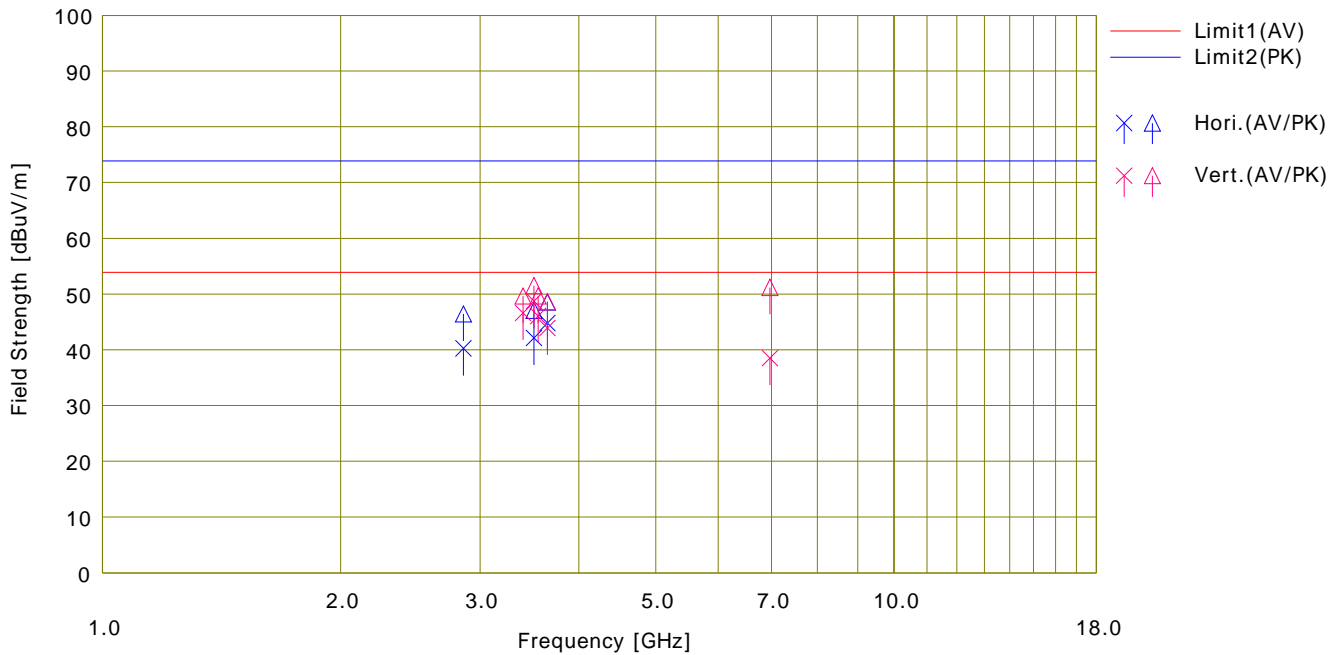
UL Japan, Inc. Shonan EMC Lab. No.1 Semi-Anechoic Chamber
Date : 2021/01/24

Company : DENSO Corporation
 Kind of EUT : Cockpit Control Unit
 Model No. : DNNS127
 Serial No. : CP1.5-K3-GZ1-US-Base-105
 Remarks : Other, Port A, Distance=320 cm

Mode : FM Reception Digital (97.7 MHz)
 Order No. : 13682531S
 Power : DC 13.2 V
 Temp./Humi. : 20 deg.C / 39 %RH

Limit : FCC_Part 15 Subpart B(15.109)_Class B

Engineer : Yasumasa Owaki



| No. | Freq. [MHz] | Reading | | Ant.Fac [dB/m] | Loss [dB] | Gain [dB] | D.Fac [dB] | Result | | Limit | | Margin | | Pola. [H/V] | Height [cm] | Angle [deg] | Ant. Type | Comment |
|-----|----------------|---------|--------|-------------------|--------------|--------------|---------------|----------|----------|----------|----------|--------|------|----------------|----------------|----------------|--------------|---------|
| | | <AV> | <PK> | | | | | <AV> | <PK> | <AV> | <PK> | <AV> | <PK> | | | | | |
| | | [dBuV] | [dBuV] | | | | | [dBuV/m] | [dBuV/m] | [dBuV/m] | [dBuV/m] | [dB] | [dB] | | | | | |
| 1 | 2857.700 | 45.81 | 51.99 | 28.38 | 5.07 | 39.58 | 0.57 | 40.25 | 46.43 | 53.90 | 73.90 | 13.6 | 27.4 | Hori. | 168 | 336 | 31SH1 | |
| 2 | 3509.625 | 46.73 | 51.73 | 28.73 | 5.63 | 39.55 | 0.57 | 42.11 | 47.11 | 53.90 | 73.90 | 11.7 | 26.7 | Hori. | 158 | 71 | 31SH1 | |
| 3 | 3650.000 | 48.73 | 52.47 | 29.29 | 5.75 | 39.54 | 0.57 | 44.80 | 48.54 | 53.90 | 73.90 | 9.1 | 25.3 | Hori. | 100 | 145 | 31SH1 | |
| 4 | 3401.275 | 51.72 | 54.77 | 28.31 | 5.53 | 39.55 | 0.57 | 46.58 | 49.63 | 53.90 | 73.90 | 7.3 | 24.2 | Vert. | 119 | 167 | 31SH1 | |
| 5 | 3509.625 | 53.35 | 56.11 | 28.73 | 5.63 | 39.55 | 0.57 | 48.73 | 51.49 | 53.90 | 73.90 | 5.1 | 22.4 | Vert. | 104 | 151 | 31SH1 | |
| 6 | 3552.865 | 50.44 | 54.04 | 28.93 | 5.67 | 39.54 | 0.57 | 46.07 | 49.67 | 53.90 | 73.90 | 7.8 | 24.2 | Vert. | 105 | 159 | 31SH1 | |
| 7 | 3650.000 | 47.84 | 52.58 | 29.29 | 5.75 | 39.54 | 0.57 | 43.91 | 48.65 | 53.90 | 73.90 | 9.9 | 25.2 | Vert. | 273 | 166 | 31SH1 | |
| 8 | 6967.785 | 33.46 | 46.20 | 35.80 | 8.09 | 39.44 | 0.57 | 38.48 | 51.22 | 53.90 | 73.90 | 15.4 | 22.6 | Vert. | 100 | 0 | 31SH1 | |

Calculation: Result[dBuV/m]=Reading[dBuV]+Ant.Fac[dB/m]+Loss(Cable)[dB]+D.Fac[dB]-Gain(AMP)[dB]
 Ant.Type=BC:Biconical Antenna LP:Logperiodic Antenna **SH*: Horn Antenna

DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Shonan EMC Lab. No.1 Semi-Anechoic Chamber
Date : 2021/01/24

Company : DENSO Corporation
 Kind of EUT : Cockpit Control Unit
 Model No. : DNNS127
 Serial No. : CP1.5-K3-GZ1-US-Base-105
 Remarks : Local, Port A, Distance=320 cm

Mode : FM Reception Analog (87.75 MHz)
 Order No. : 13682531S
 Power : DC 13.2 V
 Temp./Humi. : 20 deg.C / 39 %RH

Limit : FCC_Part 15 Subpart B(15.109)_Class B

Engineer : Yasumasa Owaki

<< AV/PK DATA >>

| No. | Freq. [MHz] | Reading | | Ant.Fac [dB/m] | Loss [dB] | Gain [dB] | D.Fac [dB] | Result | | Limit | | Margin | | Pola. [H/V] | Height [cm] | Angle [deg] | Ant. Type | Comment |
|-----|----------------|---------|--------|-------------------|--------------|--------------|---------------|----------|----------|----------|----------|--------|------|----------------|----------------|----------------|--------------|---------|
| | | <AV> | <PK> | | | | | <AV> | <PK> | <AV> | <PK> | <AV> | <PK> | | | | | |
| | | [dBuV] | [dBuV] | | | | | [dBuV/m] | [dBuV/m] | [dBuV/m] | [dBuV/m] | [dB] | [dB] | | | | | |
| 1 | 1319.550 | 33.78 | 47.51 | 25.38 | 3.44 | 39.24 | 0.57 | 23.93 | 37.66 | 53.90 | 73.90 | 29.9 | 36.2 | Hori. | 249 | 221 | 31SH1 | |
| 2 | 1759.400 | 34.06 | 46.99 | 25.00 | 3.95 | 39.33 | 0.57 | 24.25 | 37.18 | 53.90 | 73.90 | 29.6 | 36.7 | Hori. | 100 | 132 | 31SH1 | |
| 3 | 2639.100 | 33.17 | 46.26 | 27.88 | 4.88 | 39.58 | 0.57 | 26.92 | 40.01 | 53.90 | 73.90 | 26.9 | 33.8 | Hori. | 182 | 185 | 31SH1 | |
| 4 | 3518.800 | 55.55 | 57.71 | 28.78 | 5.63 | 39.55 | 0.57 | 50.98 | 53.14 | 53.90 | 73.90 | 2.9 | 20.7 | Hori. | 118 | 175 | 31SH1 | |
| 5 | 1319.550 | 33.92 | 46.99 | 25.38 | 3.44 | 39.24 | 0.57 | 24.07 | 37.14 | 53.90 | 73.90 | 29.8 | 36.7 | Vert. | 156 | 6 | 31SH1 | |
| 6 | 1759.400 | 35.44 | 48.33 | 25.00 | 3.95 | 39.33 | 0.57 | 25.63 | 38.52 | 53.90 | 73.90 | 28.2 | 35.3 | Vert. | 227 | 187 | 31SH1 | |
| 7 | 2639.100 | 33.42 | 46.86 | 27.88 | 4.88 | 39.58 | 0.57 | 27.17 | 40.61 | 53.90 | 73.90 | 26.7 | 33.2 | Vert. | 100 | 142 | 31SH1 | |
| 8 | 3518.800 | 56.66 | 58.95 | 28.78 | 5.63 | 39.55 | 0.57 | 52.09 | 54.38 | 53.90 | 73.90 | 1.8 | 19.5 | Vert. | 251 | 219 | 31SH1 | |

Calculation: Result[dBuV/m]=Reading[dBuV]+Ant.Fac[dB/m]+Loss(Cable)[dB]+D.Fac[dB]-Gain(AMP)[dB]
 Ant.Type=BC:Biconical Antenna LP:Logperiodic Antenna **SH*: Horn Antenna

DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Shonan EMC Lab. No.1 Semi-Anechoic Chamber
Date : 2021/01/23

Company : DENSO Corporation
 Kind of EUT : Cockpit Control Unit
 Model No. : DNNS127
 Serial No. : CP1.5-K3-GZ1-US-Base-105
 Remarks : Local, Port A, Distance=320 cm

Mode : FM Reception Analog (97.7 MHz)
 Order No. : 13682531S
 Power : DC 13.2 V
 Temp./Humi. : 21 deg.C / 37 %RH

Limit : FCC_Part 15 Subpart B(15.109)_Class B

Engineer : Yasumasa Owaki

<< AV/PK DATA >>

| No. | Freq. [MHz] | Reading | | Ant.Fac [dB/m] | Loss [dB] | Gain [dB] | D.Fac [dB] | Result | | Limit | | Margin | | Pola. [H/V] | Height [cm] | Angle [deg] | Ant. Type | Comment |
|-----|----------------|---------|--------|-------------------|--------------|--------------|---------------|----------|----------|----------|----------|--------|------|----------------|----------------|----------------|--------------|---------|
| | | <AV> | <PK> | | | | | <AV> | <PK> | <AV> | <PK> | <AV> | <PK> | | | | | |
| | | [dBuV] | [dBuV] | | | | | [dBuV/m] | [dBuV/m] | [dBuV/m] | [dBuV/m] | [dB] | [dB] | | | | | |
| 1 | 1072.280 | 37.31 | 49.69 | 24.17 | 3.11 | 39.25 | 0.57 | 25.91 | 38.29 | 53.90 | 73.90 | 27.9 | 35.6 | Hori. | 144 | 151 | 31SH1 | |
| 2 | 1860.480 | 35.62 | 47.84 | 25.44 | 4.07 | 39.37 | 0.57 | 26.33 | 38.55 | 53.90 | 73.90 | 27.5 | 35.3 | Hori. | 145 | 139 | 31SH1 | |
| 3 | 2339.520 | 33.76 | 46.28 | 28.01 | 4.59 | 39.54 | 0.57 | 27.39 | 39.91 | 53.90 | 73.90 | 26.5 | 33.9 | Hori. | 140 | 129 | 31SH1 | |
| 4 | 3119.360 | 49.18 | 53.01 | 28.86 | 5.30 | 39.57 | 0.57 | 44.34 | 48.17 | 53.90 | 73.90 | 9.5 | 25.7 | Hori. | 202 | 132 | 31SH1 | |
| 5 | 1072.280 | 39.09 | 51.32 | 24.17 | 3.11 | 39.25 | 0.57 | 27.69 | 39.92 | 53.90 | 73.90 | 26.2 | 33.9 | Vert. | 161 | 169 | 31SH1 | |
| 6 | 1860.480 | 33.44 | 46.76 | 25.44 | 4.07 | 39.37 | 0.57 | 24.15 | 37.47 | 53.90 | 73.90 | 29.7 | 36.4 | Vert. | 147 | 171 | 31SH1 | |
| 7 | 2339.520 | 34.25 | 46.59 | 28.01 | 4.59 | 39.54 | 0.57 | 27.88 | 40.22 | 53.90 | 73.90 | 26.0 | 33.6 | Vert. | 135 | 184 | 31SH1 | |
| 8 | 3119.360 | 50.98 | 54.87 | 28.86 | 5.30 | 39.57 | 0.57 | 46.14 | 50.03 | 53.90 | 73.90 | 7.7 | 23.8 | Vert. | 154 | 160 | 31SH1 | |

Calculation: Result[dBuV/m]=Reading[dBuV]+Ant.Fac[dB/m]+Loss(Cable)[dB]+D.Fac[dB]-Gain(AMP)[dB]
 Ant.Type=BC:Biconical Antenna LP:Logperiodic Antenna **SH*: Horn Antenna

DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Shonan EMC Lab. No.1 Semi-Anechoic Chamber
Date : 2021/01/24

Company : DENSO Corporation
 Kind of EUT : Cockpit Control Unit
 Model No. : DNNS127
 Serial No. : CP1.5-K3-GZ1-US-Base-105
 Remarks : Local, Port A, Distance=320 cm

Mode : FM Reception Analog (107.9 MHz)
 Order No. : 13682531S
 Power : DC 13.2 V
 Temp./Humi. : 20 deg.C / 39 %RH

Limit : FCC_Part 15 Subpart B(15.109)_Class B

Engineer : Yasumasa Owaki

<< AV/PK DATA >>

| No. | Freq. [MHz] | Reading | | Ant.Fac [dB/m] | Loss [dB] | Gain [dB] | D.Fac [dB] | Result | | Limit | | Margin | | Pola. [H/V] | Height [cm] | Angle [deg] | Ant. Type | Comment |
|-----|----------------|---------|--------|-------------------|--------------|--------------|---------------|----------|----------|----------|----------|--------|------|----------------|----------------|----------------|--------------|---------|
| | | <AV> | <PK> | | | | | <AV> | <PK> | <AV> | <PK> | <AV> | <PK> | | | | | |
| | | [dBuV] | [dBuV] | | | | | [dBuV/m] | [dBuV/m] | [dBuV/m] | [dBuV/m] | [dB] | [dB] | | | | | |
| 1 | 1621.800 | 34.40 | 47.61 | 24.90 | 3.80 | 39.28 | 0.57 | 24.39 | 37.60 | 53.90 | 73.90 | 29.5 | 36.3 | Hori. | 100 | 208 | 31SH1 | |
| 2 | 2703.000 | 32.98 | 46.16 | 28.02 | 4.93 | 39.58 | 0.57 | 26.92 | 40.10 | 53.90 | 73.90 | 26.9 | 33.8 | Hori. | 182 | 219 | 31SH1 | |
| 3 | 3459.840 | 55.79 | 58.09 | 28.50 | 5.59 | 39.55 | 0.57 | 50.90 | 53.20 | 53.90 | 73.90 | 3.0 | 20.7 | Hori. | 100 | 200 | 31SH1 | |
| 4 | 4324.800 | 32.95 | 46.06 | 30.34 | 6.27 | 39.68 | 0.57 | 30.45 | 43.56 | 53.90 | 73.90 | 23.4 | 30.3 | Hori. | 100 | 0 | 31SH1 | |
| 5 | 1621.800 | 33.68 | 46.97 | 24.90 | 3.80 | 39.28 | 0.57 | 23.67 | 36.96 | 53.90 | 73.90 | 30.2 | 36.9 | Vert. | 100 | 205 | 31SH1 | |
| 6 | 2703.000 | 33.29 | 46.28 | 28.02 | 4.93 | 39.58 | 0.57 | 27.23 | 40.22 | 53.90 | 73.90 | 26.6 | 33.6 | Vert. | 288 | 168 | 31SH1 | |
| 7 | 3459.840 | 56.27 | 59.42 | 28.50 | 5.59 | 39.55 | 0.57 | 51.38 | 54.53 | 53.90 | 73.90 | 2.5 | 19.3 | Vert. | 126 | 162 | 31SH1 | |
| 8 | 4324.800 | 32.96 | 45.58 | 30.34 | 6.27 | 39.68 | 0.57 | 30.46 | 43.08 | 53.90 | 73.90 | 23.4 | 30.8 | Vert. | 100 | 0 | 31SH1 | |

Calculation: Result[dBuV/m]=Reading[dBuV]+Ant.Fac[dB/m]+Loss(Cable)[dB]+D.Fac[dB]-Gain(AMP)[dB]
 Ant.Type=BC:Biconical Antenna LP:Logperiodic Antenna **SH*: Horn Antenna

DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Shonan EMC Lab. No.1 Semi-Anechoic Chamber

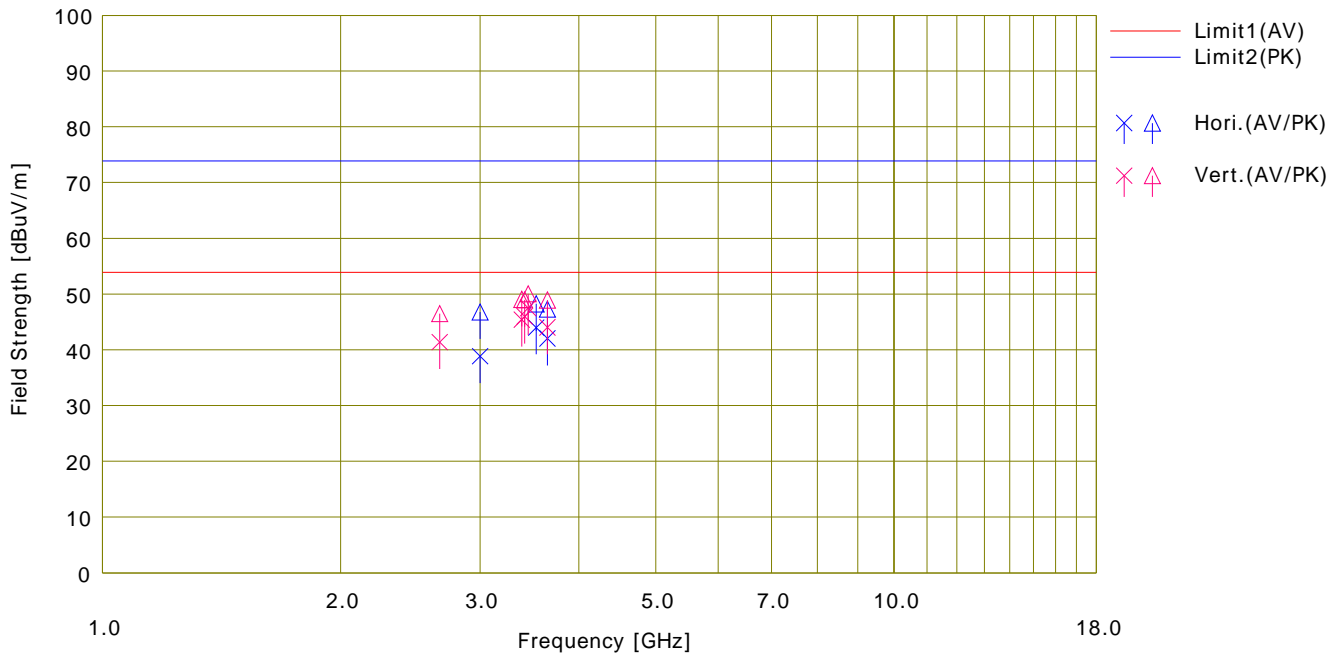
Date : 2021/01/24

Company : DENSO Corporation
 Kind of EUT : Cockpit Control Unit
 Model No. : DNNS127
 Serial No. : CP1.5-K3-GZ1-US-Base-105
 Remarks : Other, Port A, Distance=320 cm

Mode : FM Reception Analog (97.7 MHz)
 Order No. : 13682531S
 Power : DC 13.2 V
 Temp./Humi. : 20 deg.C / 39 %RH

Limit : FCC_Part 15 Subpart B(15.109)_Class B

Engineer : Yasumasa Owaki



| No. | Freq. [MHz] | Reading | | Ant.Fac [dB/m] | Loss [dB] | Gain [dB] | D.Fac [dB] | Result | | Limit | | Margin | | Pola. [H/V] | Height [cm] | Angle [deg] | Ant. Type | Comment |
|-----|----------------|---------|--------|-------------------|--------------|--------------|---------------|----------|----------|-------|-------|--------|------|----------------|----------------|----------------|--------------|---------|
| | | <AV> | <PK> | | | | | <AV> | <PK> | <AV> | <PK> | <AV> | <PK> | | | | | |
| | | [dBuV] | [dBuV] | | | | | [dBuV/m] | [dBuV/m] | [dB] | [dB] | [dB] | [dB] | | | | | |
| 1 | 2999.802 | 44.06 | 51.96 | 28.60 | 5.20 | 39.57 | 0.57 | 38.86 | 46.76 | 53.90 | 73.90 | 15.0 | 27.1 | Hori. | 157 | 135 | 31SH1 | |
| 2 | 3531.575 | 48.51 | 52.73 | 28.84 | 5.64 | 39.55 | 0.57 | 44.01 | 48.23 | 53.90 | 73.90 | 9.8 | 25.6 | Hori. | 100 | 61 | 31SH1 | |
| 3 | 3650.000 | 45.98 | 51.21 | 29.29 | 5.75 | 39.54 | 0.57 | 42.05 | 47.28 | 53.90 | 73.90 | 11.8 | 26.6 | Hori. | 100 | 238 | 31SH1 | |
| 4 | 2666.683 | 47.54 | 52.66 | 27.94 | 4.90 | 39.58 | 0.57 | 41.37 | 46.49 | 53.90 | 73.90 | 12.5 | 27.4 | Vert. | 141 | 148 | 31SH1 | |
| 5 | 3387.225 | 50.57 | 54.19 | 28.29 | 5.53 | 39.55 | 0.57 | 45.41 | 49.03 | 53.90 | 73.90 | 8.4 | 24.8 | Vert. | 112 | 164 | 31SH1 | |
| 6 | 3414.050 | 51.09 | 54.06 | 28.33 | 5.54 | 39.55 | 0.57 | 45.98 | 48.95 | 53.90 | 73.90 | 7.9 | 24.9 | Vert. | 105 | 161 | 31SH1 | |
| 7 | 3452.075 | 52.43 | 55.00 | 28.46 | 5.58 | 39.55 | 0.57 | 47.49 | 50.06 | 53.90 | 73.90 | 6.4 | 23.8 | Vert. | 105 | 159 | 31SH1 | |
| 8 | 3650.000 | 47.96 | 52.85 | 29.29 | 5.75 | 39.54 | 0.57 | 44.03 | 48.92 | 53.90 | 73.90 | 9.8 | 24.9 | Vert. | 307 | 173 | 31SH1 | |

Calculation: Result[dBuV/m]=Reading[dBuV]+Ant.Fac[dB/m]+Loss(Cable)[dB]+D.Fac[dB]-Gain(AMP)[dB]
 Ant.Type=BC:Biconical Antenna LP:Logperiodic Antenna **SH*: Horn Antenna

DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Shonan EMC Lab. No.2 Semi-Anechoic Chamber
Date : 2021/01/29

Company : DENSO Corporation
 Kind of EUT : Cockpit Control Unit
 Model No. : DNNS127
 Serial No. : CP1.5-K3-GZ1-US-Base-105
 Remarks : Local, Port B, Distance=320 cm

Mode : FM Reception Analog (87.75 MHz)
 Order No. : 13682531S
 Power : DC 13.2 V
 Temp./Humi. : 23 deg.C / 41 %RH

Limit : FCC_Part 15 Subpart B(15.109)_Class B

Engineer : Yusuke Ohnuma

<< AV/PK DATA >>

| No. | Freq. [MHz] | Reading | | Ant.Fac [dB/m] | Loss [dB] | Gain [dB] | D.Fac [dB] | Result | | Limit | | Margin | | Pola. [H/V] | Height [cm] | Angle [deg] | Ant. Type | Comment |
|-----|----------------|---------|--------|-------------------|--------------|--------------|---------------|----------|----------|----------|----------|--------|------|----------------|----------------|----------------|--------------|---------|
| | | <AV> | <PK> | | | | | <AV> | <PK> | <AV> | <PK> | <AV> | <PK> | | | | | |
| | | [dBuV] | [dBuV] | | | | | [dBuV/m] | [dBuV/m] | [dBuV/m] | [dBuV/m] | [dB] | [dB] | | | | | |
| 1 | 2275.780 | 33.87 | 46.65 | 28.76 | 4.07 | 38.75 | 0.57 | 28.52 | 41.30 | 53.90 | 73.90 | 25.3 | 32.6 | Hori. | 159 | 225 | 31SH2 | |
| 2 | 3342.860 | 34.52 | 45.65 | 28.77 | 4.97 | 38.25 | 0.57 | 30.58 | 41.71 | 53.90 | 73.90 | 23.3 | 32.1 | Hori. | 124 | 254 | 31SH2 | |
| 3 | 3518.800 | 54.18 | 55.73 | 29.33 | 5.11 | 38.17 | 0.57 | 51.02 | 52.57 | 53.90 | 73.90 | 2.8 | 21.3 | Hori. | 103 | 165 | 31SH2 | |
| 4 | 3606.770 | 34.08 | 43.67 | 29.70 | 5.17 | 38.16 | 0.57 | 31.36 | 40.95 | 53.90 | 73.90 | 22.5 | 32.9 | Hori. | 158 | 201 | 31SH2 | |
| 5 | 2275.780 | 34.43 | 46.24 | 28.76 | 4.07 | 38.75 | 0.57 | 29.08 | 40.89 | 53.90 | 73.90 | 24.8 | 33.0 | Vert. | 148 | 225 | 31SH2 | |
| 6 | 3342.860 | 33.45 | 45.20 | 28.77 | 4.97 | 38.25 | 0.57 | 29.51 | 41.26 | 53.90 | 73.90 | 24.3 | 32.6 | Vert. | 190 | 12 | 31SH2 | |
| 7 | 3518.800 | 55.05 | 55.57 | 29.33 | 5.11 | 38.17 | 0.57 | 51.89 | 52.41 | 53.90 | 73.90 | 2.0 | 21.4 | Vert. | 102 | 281 | 31SH2 | |
| 8 | 3606.770 | 35.80 | 46.53 | 29.70 | 5.17 | 38.16 | 0.57 | 33.08 | 43.81 | 53.90 | 73.90 | 20.8 | 30.0 | Vert. | 100 | 189 | 31SH2 | |

Calculation: Result[dBuV/m]=Reading[dBuV]+Ant.Fac[dB/m]+Loss(Cable)[dB]+D.Fac[dB]-Gain(AMP)[dB]
 Ant.Type=BC:Biconical Antenna LP:Logperiodic Antenna **SH*: Horn Antenna

DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Shonan EMC Lab. No.2 Semi-Anechoic Chamber
Date : 2021/01/28

Company : DENSO Corporation
 Kind of EUT : Cockpit Control Unit
 Model No. : DNNS127
 Serial No. : CP1.5-K3-GZ1-US-Base-105
 Remarks : Local, Port B, Distance=320 cm

Mode : FM Reception Analog (97.7 MHz)
 Order No. : 13682531S
 Power : DC 13.2 V
 Temp./Humi. : 23 deg.C / 41 %RH

Limit : FCC_Part 15 Subpart B(15.109)_Class B

Engineer : Yusuke Ohnuma

<< AV/PK DATA >>

| No. | Freq. [MHz] | Reading | | Ant.Fac [dB/m] | Loss [dB] | Gain [dB] | D.Fac [dB] | Result | | Limit | | Margin | | Pola. [H/V] | Height [cm] | Angle [deg] | Ant. Type | Comment |
|-----|----------------|---------|--------|-------------------|--------------|--------------|---------------|----------|----------|----------|----------|--------|------|----------------|----------------|----------------|--------------|---------|
| | | <AV> | <PK> | | | | | <AV> | <PK> | <AV> | <PK> | <AV> | <PK> | | | | | |
| | | [dBuV] | [dBuV] | | | | | [dBuV/m] | [dBuV/m] | [dBuV/m] | [dBuV/m] | [dB] | [dB] | | | | | |
| 1 | 1754.640 | 36.07 | 41.01 | 25.63 | 3.56 | 38.97 | 0.57 | 26.86 | 31.80 | 53.90 | 73.90 | 27.0 | 42.1 | Hori. | 128 | 24 | 31SH2 | |
| 2 | 3119.360 | 42.21 | 49.63 | 29.37 | 4.79 | 38.37 | 0.57 | 38.57 | 45.99 | 53.90 | 73.90 | 15.3 | 27.9 | Hori. | 157 | 121 | 31SH2 | |
| 3 | 3411.800 | 45.02 | 49.87 | 28.81 | 5.03 | 38.22 | 0.57 | 41.21 | 46.06 | 53.90 | 73.90 | 12.6 | 27.8 | Hori. | 109 | 156 | 31SH2 | |
| 4 | 3509.280 | 45.20 | 48.63 | 29.28 | 5.11 | 38.17 | 0.57 | 41.99 | 45.42 | 53.90 | 73.90 | 11.9 | 28.4 | Hori. | 108 | 281 | 31SH2 | |
| 5 | 1754.640 | 38.82 | 43.04 | 25.63 | 3.56 | 38.97 | 0.57 | 29.61 | 33.83 | 53.90 | 73.90 | 24.2 | 40.0 | Vert. | 277 | 273 | 31SH2 | |
| 6 | 3119.360 | 49.08 | 50.96 | 29.37 | 4.79 | 38.37 | 0.57 | 45.44 | 47.32 | 53.90 | 73.90 | 8.4 | 26.5 | Vert. | 128 | 156 | 31SH2 | |
| 7 | 3411.800 | 44.05 | 48.04 | 28.81 | 5.03 | 38.22 | 0.57 | 40.24 | 44.23 | 53.90 | 73.90 | 13.6 | 29.6 | Vert. | 108 | 182 | 31SH2 | |
| 8 | 3509.280 | 40.25 | 45.66 | 29.28 | 5.11 | 38.17 | 0.57 | 37.04 | 42.45 | 53.90 | 73.90 | 16.8 | 31.4 | Vert. | 115 | 191 | 31SH2 | |

Calculation: Result[dBuV/m]=Reading[dBuV]+Ant.Fac[dB/m]+Loss(Cable)[dB]+D.Fac[dB]-Gain(AMP)[dB]
 Ant.Type=BC:Biconical Antenna LP:Logperiodic Antenna **SH*: Horn Antenna

DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Shonan EMC Lab. No.2 Semi-Anechoic Chamber
Date : 2021/01/28

Company : DENSO Corporation
 Kind of EUT : Cockpit Control Unit
 Model No. : DNNS127
 Serial No. : CP1.5-K3-GZ1-US-Base-105
 Remarks : Local, Port B, Distance=320 cm

Mode : FM Reception Analog (107.9 MHz)
 Order No. : 13682531S
 Power : DC 13.2 V
 Temp./Humi. : 23 deg.C / 41 %RH

Limit : FCC_Part 15 Subpart B(15.109)_Class B

Engineer : Yusuke Ohnuma

<< AV/PK DATA >>

| No. | Freq. [MHz] | Reading | | Ant.Fac [dB/m] | Loss [dB] | Gain [dB] | D.Fac [dB] | Result | | Limit | | Margin | | Pola. [H/V] | Height [cm] | Angle [deg] | Ant. Type | Comment |
|-----|----------------|---------|--------|-------------------|--------------|--------------|---------------|----------|----------|----------|----------|--------|------|----------------|----------------|----------------|--------------|---------|
| | | <AV> | <PK> | | | | | <AV> | <PK> | <AV> | <PK> | <AV> | <PK> | | | | | |
| | | [dBuV] | [dBuV] | | | | | [dBuV/m] | [dBuV/m] | [dBuV/m] | [dBuV/m] | [dB] | [dB] | | | | | |
| 1 | 2270.520 | 35.54 | 45.12 | 28.76 | 4.07 | 38.75 | 0.57 | 30.19 | 39.77 | 53.90 | 73.90 | 23.7 | 34.1 | Hori. | 148 | 200 | 31SH2 | |
| 2 | 2799.680 | 33.58 | 43.40 | 28.67 | 4.53 | 38.50 | 0.57 | 28.85 | 38.67 | 53.90 | 73.90 | 25.0 | 35.2 | Hori. | 165 | 148 | 31SH2 | |
| 3 | 3351.720 | 38.50 | 44.72 | 28.76 | 4.98 | 38.25 | 0.57 | 34.56 | 40.78 | 53.90 | 73.90 | 19.3 | 33.1 | Hori. | 111 | 150 | 31SH2 | |
| 4 | 3459.840 | 54.95 | 55.80 | 29.00 | 5.08 | 38.19 | 0.57 | 51.41 | 52.26 | 53.90 | 73.90 | 2.4 | 21.6 | Hori. | 100 | 190 | 31SH2 | |
| 5 | 2270.520 | 32.09 | 43.32 | 28.76 | 4.07 | 38.75 | 0.57 | 26.74 | 37.97 | 53.90 | 73.90 | 27.1 | 35.9 | Vert. | 115 | 189 | 31SH2 | |
| 6 | 2799.680 | 39.95 | 43.82 | 28.67 | 4.53 | 38.50 | 0.57 | 35.22 | 39.09 | 53.90 | 73.90 | 18.6 | 34.8 | Vert. | 104 | 326 | 31SH2 | |
| 7 | 3351.720 | 32.89 | 45.69 | 28.76 | 4.98 | 38.25 | 0.57 | 28.95 | 41.75 | 53.90 | 73.90 | 24.9 | 32.1 | Vert. | 165 | 4 | 31SH2 | |
| 8 | 3459.840 | 55.00 | 55.35 | 29.00 | 5.08 | 38.19 | 0.57 | 51.46 | 51.81 | 53.90 | 73.90 | 2.4 | 22.0 | Vert. | 232 | 134 | 31SH2 | |

Calculation: Result[dBuV/m]=Reading[dBuV]+Ant.Fac[dB/m]+Loss(Cable)[dB]+D.Fac[dB]-Gain(AMP)[dB]
 Ant.Type=BC:Biconical Antenna LP:Logperiodic Antenna **SH*: Horn Antenna

DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Shonan EMC Lab. No.2 Semi-Anechoic Chamber

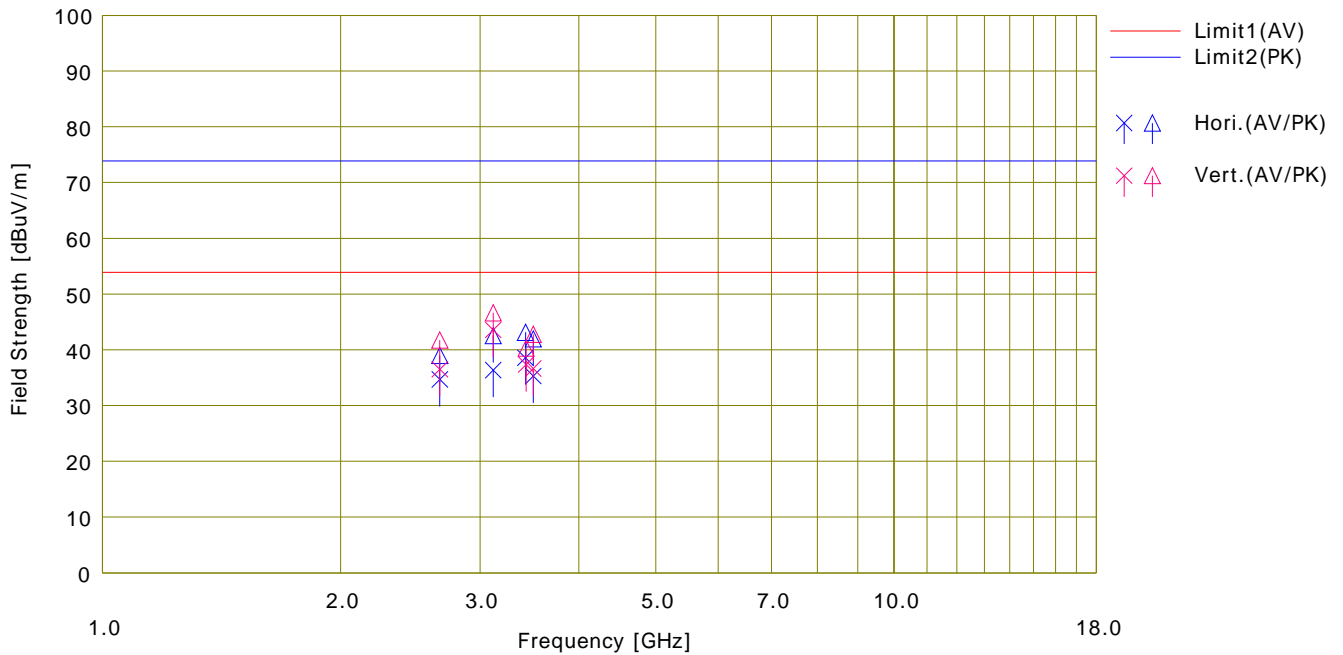
Date : 2021/01/28

Company : DENSO Corporation
 Kind of EUT : Cockpit Control Unit
 Model No. : DNNS127
 Serial No. : CP1.5-K3-GZ1-US-Base-105
 Remarks : Other, Port B, Distance=320 cm

Mode : FM Reception Analog (97.7 MHz)
 Order No. : 13682531S
 Power : DC 13.2 V
 Temp./Humi. : 23 deg.C / 41 %RH

Limit : FCC_Part 15 Subpart B(15.109)_Class B

Engineer : Yusuke Ohnuma



| No. | Freq. [MHz] | Reading | | Ant.Fac [dB/m] | Loss [dB] | Gain [dB] | D.Fac [dB] | Result | | Limit | | Margin | | Pola. [H/V] | Height [cm] | Angle [deg] | Ant. Type | Comment |
|-----|----------------|----------------|----------------|-------------------|--------------|--------------|---------------|------------------|------------------|------------------|------------------|--------------|--------------|----------------|----------------|----------------|--------------|---------|
| | | <AV> [dBuV] | <PK> [dBuV] | | | | | <AV> [dBuV/m] | <PK> [dBuV/m] | <AV> [dBuV/m] | <PK> [dBuV/m] | <AV> [dB] | <PK> [dB] | | | | | |
| | | 1 | 2668.630 | | | | | 39.93 | 44.20 | 28.33 | 4.42 | 38.55 | 0.57 | | | | | |
| 2 | 3116.796 | 40.00 | 46.16 | 29.37 | 4.79 | 38.37 | 0.57 | 36.36 | 42.52 | 53.90 | 73.90 | 17.5 | 31.3 | Hori. | 100 | 340 | 31SH2 | |
| 3 | 3422.906 | 42.32 | 46.88 | 28.85 | 5.04 | 38.21 | 0.57 | 38.57 | 43.13 | 53.90 | 73.90 | 15.3 | 30.7 | Hori. | 100 | 196 | 31SH2 | |
| 4 | 3502.055 | 38.56 | 45.22 | 29.23 | 5.10 | 38.17 | 0.57 | 35.29 | 41.95 | 53.90 | 73.90 | 18.6 | 31.9 | Hori. | 100 | 2 | 31SH2 | |
| 5 | 2668.630 | 41.72 | 46.97 | 28.33 | 4.42 | 38.55 | 0.57 | 36.49 | 41.74 | 53.90 | 73.90 | 17.4 | 32.1 | Vert. | 100 | 209 | 31SH2 | |
| 6 | 3116.796 | 47.19 | 50.28 | 29.37 | 4.79 | 38.37 | 0.57 | 43.55 | 46.64 | 53.90 | 73.90 | 10.3 | 27.2 | Vert. | 138 | 154 | 31SH2 | |
| 7 | 3430.056 | 41.09 | 44.01 | 28.86 | 5.05 | 38.21 | 0.57 | 37.36 | 40.28 | 53.90 | 73.90 | 16.5 | 33.6 | Vert. | 104 | 69 | 31SH2 | |
| 8 | 3502.095 | 39.89 | 46.05 | 29.23 | 5.10 | 38.17 | 0.57 | 36.62 | 42.78 | 53.90 | 73.90 | 17.2 | 31.1 | Vert. | 102 | 205 | 31SH2 | |

Calculation: Result[dBuV/m]=Reading[dBuV]+Ant.Fac[dB/m]+Loss(Cable)[dB]+D.Fac[dB]-Gain(AMP)[dB]
 Ant.Type=BC:Biconical Antenna LP:Logperiodic Antenna **SH*: Horn Antenna

DATA OF ANTENNA TERMINAL TEST

UL Japan,Inc. Shonan EMC Lab. No.1 Shielded Room
Date : 2021/01/22

Company : DENSO Corporation
Kind of EUT : Cockpit Control Unit
Model No. : DNN5127
Serial No. : CP1.5-K3-GZ1-US-Base-105

Mode : FM Reception Digital (87.75 MHz)
Order No. : 13682531S
Power : DC 13.2 V
Temp./Humi. : 23 deg.C / 39 %RH

Remarks : Local, Port A

Engineer : Takahiro Suzuki

LIMIT (Fundamental) : FCC Part15 SubpartB_Antenna terminal / FCC Part15 SubpartB_Antenna terminal
LIMIT (Harmonics) : FCC Part15 SubpartB_Antenna terminal / FCC Part15 SubpartB_Antenna terminal

| CH | Freq [MHz] | Reading | | Factor [dB] | Result | | Limit [dBuV/75] | Margin [dB] |
|----------|---------------|---------|-------|----------------|-----------|------|--------------------|----------------|
| | | PEAK | QP | | PEAK | QP | | |
| | | [dBuV] | | | [dBuV/75] | | | |
| 87.75MHz | 87.970 | ---- | 16.5 | -13.1 | ---- | 3.4 | 51.7 | 48.3 |
| | 175.940 | ---- | 16.5 | -12.8 | ---- | 3.7 | 51.7 | 48.0 |
| | 263.910 | ---- | 17.8 | -12.7 | ---- | 5.1 | 51.7 | 46.6 |
| | 351.880 | ---- | 16.6 | -12.5 | ---- | 4.1 | 51.7 | 47.6 |
| | 439.850 | ---- | 16.3 | -12.3 | ---- | 4.0 | 51.7 | 47.7 |
| | 527.820 | ---- | 16.4 | -12.2 | ---- | 4.2 | 51.7 | 47.5 |
| | 615.790 | ---- | 16.3 | -11.9 | ---- | 4.4 | 51.7 | 47.3 |
| | 703.760 | ---- | 16.1 | -11.8 | ---- | 4.3 | 51.7 | 47.4 |
| | 791.730 | ---- | 16.2 | -11.8 | ---- | 4.4 | 51.7 | 47.3 |
| | 879.700 | ---- | 16.3 | -11.8 | ---- | 4.5 | 51.7 | 47.2 |
| | 967.670 | ---- | 16.4 | -11.9 | ---- | 4.5 | 51.7 | 47.2 |
| | 1055.640 | 34.2 | ---- | -12.1 | 22.1 | ---- | 51.7 | 29.6 |
| | 1407.520 | 33.7 | ---- | -11.9 | 21.8 | ---- | 51.7 | 29.9 |
| | 87.530 | ---- | 16.3 | -13.1 | ---- | 3.2 | 51.7 | 48.5 |
| | 175.060 | ---- | 16.5 | -12.8 | ---- | 3.7 | 51.7 | 48.0 |
| | 262.590 | ---- | 16.6 | -12.7 | ---- | 3.9 | 51.7 | 47.8 |
| | 350.120 | ---- | 16.5 | -12.5 | ---- | 4.0 | 51.7 | 47.7 |
| | 437.650 | ---- | 16.3 | -12.3 | ---- | 4.0 | 51.7 | 47.7 |
| | 525.180 | ---- | 16.3 | -12.2 | ---- | 4.1 | 51.7 | 47.6 |
| | 612.710 | ---- | 16.3 | -11.9 | ---- | 4.4 | 51.7 | 47.3 |
| | 700.240 | ---- | 16.2 | -11.8 | ---- | 4.4 | 51.7 | 47.3 |
| 787.770 | ---- | 16.3 | -11.8 | ---- | 4.5 | 51.7 | 47.2 | |
| 875.300 | ---- | 16.3 | -11.8 | ---- | 4.5 | 51.7 | 47.2 | |
| 962.830 | ---- | 16.4 | -11.9 | ---- | 4.5 | 51.7 | 47.2 | |
| 1050.360 | 34.8 | ---- | -12.1 | 22.7 | ---- | 51.7 | 29.0 | |
| 1400.480 | 33.7 | ---- | -11.9 | 21.8 | ---- | 51.7 | 29.9 | |

Calculation:Result [dBuV] =Reading [dBuV] +Fac (Cable+Matching Pad-Amp) [dB] +1.76 (50 ohm to 75 ohm) [dB]

DATA OF ANTENNA TERMINAL TEST

UL Japan,Inc. Shonan EMC Lab. No.1 Shielded Room
Date : 2021/01/22

Company : DENSO Corporation
Kind of EUT : Cockpit Control Unit
Model No. : DNN5127
Serial No. : CP1.5-K3-GZ1-US-Base-105

Mode : FM Reception Digital (97.7 MHz)
Order No. : 13682531S
Power : DC 13.2 V
Temp./Humi. : 23 deg.C / 39 %RH

Remarks : Local, Port A

Engineer : Takahiro Suzuki

LIMIT (Fundamental) : FCC Part15 SubpartB_Antenna terminal / FCC Part15 SubpartB_Antenna terminal
LIMIT (Harmonics) : FCC Part15 SubpartB_Antenna terminal / FCC Part15 SubpartB_Antenna terminal

| CH | Freq [MHz] | Reading | | Factor [dB] | Result | | Limit [dBuV/75] | Margin [dB] |
|----------|---------------|---------|-------|----------------|-----------|------|--------------------|----------------|
| | | PEAK | QP | | PEAK | QP | | |
| | | [dBuV] | | | [dBuV/75] | | | |
| 97.7MHz | 97.920 | ---- | 18.0 | -13.1 | ---- | 4.9 | 51.7 | 46.8 |
| | 195.840 | ---- | 16.8 | -12.8 | ---- | 4.0 | 51.7 | 47.7 |
| | 293.760 | ---- | 16.3 | -12.6 | ---- | 3.7 | 51.7 | 48.0 |
| | 391.680 | ---- | 16.5 | -12.5 | ---- | 4.0 | 51.7 | 47.7 |
| | 489.600 | ---- | 16.3 | -12.2 | ---- | 4.1 | 51.7 | 47.6 |
| | 587.520 | ---- | 16.2 | -12.0 | ---- | 4.2 | 51.7 | 47.5 |
| | 685.440 | ---- | 16.2 | -11.8 | ---- | 4.4 | 51.7 | 47.3 |
| | 783.360 | ---- | 16.3 | -11.8 | ---- | 4.5 | 51.7 | 47.2 |
| | 881.280 | ---- | 16.3 | -11.8 | ---- | 4.5 | 51.7 | 47.2 |
| | 979.200 | ---- | 16.4 | -11.9 | ---- | 4.5 | 51.7 | 47.2 |
| | 1077.120 | 34.6 | ---- | -12.0 | 22.6 | ---- | 51.7 | 29.1 |
| | 1468.800 | 33.7 | ---- | -11.8 | 21.9 | ---- | 51.7 | 29.8 |
| | 97.480 | ---- | 17.4 | -13.1 | ---- | 4.3 | 51.7 | 47.4 |
| | 194.960 | ---- | 16.8 | -12.8 | ---- | 4.0 | 51.7 | 47.7 |
| | 292.440 | ---- | 16.4 | -12.6 | ---- | 3.8 | 51.7 | 47.9 |
| | 389.920 | ---- | 16.3 | -12.5 | ---- | 3.8 | 51.7 | 47.9 |
| | 487.400 | ---- | 16.3 | -12.3 | ---- | 4.0 | 51.7 | 47.7 |
| | 584.880 | ---- | 16.1 | -12.0 | ---- | 4.1 | 51.7 | 47.6 |
| | 682.360 | ---- | 16.2 | -11.8 | ---- | 4.4 | 51.7 | 47.3 |
| | 779.840 | ---- | 16.3 | -11.8 | ---- | 4.5 | 51.7 | 47.2 |
| 877.320 | ---- | 16.3 | -11.8 | ---- | 4.5 | 51.7 | 47.2 | |
| 974.800 | ---- | 16.3 | -11.9 | ---- | 4.4 | 51.7 | 47.3 | |
| 1072.280 | 33.8 | ---- | -12.0 | 21.8 | ---- | 51.7 | 29.9 | |
| 1364.720 | 33.2 | ---- | -11.9 | 21.3 | ---- | 51.7 | 30.4 | |

Calculation:Result [dBuV] =Reading [dBuV] +Fac (Cable+Matching Pad-Amp) [dB] +1.76 (50 ohm to 75 ohm) [dB]

DATA OF ANTENNA TERMINAL TEST

UL Japan,Inc. Shonan EMC Lab. No.1 Shielded Room
Date : 2021/01/22

Company : DENSO Corporation
 Kind of EUT : Cockpit Control Unit
 Model No. : DNN5127
 Serial No. : CP1.5-K3-GZ1-US-Base-105
 Mode : FM Reception Digital (107.9 MHz)
 Order No. : 13682531S
 Power : DC 13.2 V
 Temp./Humi. : 23 deg.C / 39 %RH

Remarks : Local, Port A

Engineer : Takahiro Suzuki

LIMIT (Fundamental) : FCC Part15 SubpartB_Antenna terminal / FCC Part15 SubpartB_Antenna terminal
 LIMIT (Harmonics) : FCC Part15 SubpartB_Antenna terminal / FCC Part15 SubpartB_Antenna terminal

| CH | Freq [MHz] | Reading | | Factor [dB] | Result | | Limit [dBuV/75] | Margin [dB] |
|----------|---------------|---------|-------|----------------|-----------|------|--------------------|----------------|
| | | PEAK | QP | | PEAK | QP | | |
| | | [dBuV] | | | [dBuV/75] | | | |
| 107.9MHz | 108.120 | ---- | 16.4 | -13.0 | ---- | 3.4 | 51.7 | 48.3 |
| | 216.240 | ---- | 16.8 | -12.8 | ---- | 4.0 | 51.7 | 47.7 |
| | 324.360 | ---- | 17.2 | -12.6 | ---- | 4.6 | 51.7 | 47.1 |
| | 432.480 | ---- | 16.3 | -12.3 | ---- | 4.0 | 51.7 | 47.7 |
| | 540.600 | ---- | 16.3 | -12.2 | ---- | 4.1 | 51.7 | 47.6 |
| | 648.720 | ---- | 16.2 | -11.9 | ---- | 4.3 | 51.7 | 47.4 |
| | 756.840 | ---- | 16.2 | -11.8 | ---- | 4.4 | 51.7 | 47.3 |
| | 864.960 | ---- | 16.3 | -11.8 | ---- | 4.5 | 51.7 | 47.2 |
| | 973.080 | ---- | 16.6 | -11.9 | ---- | 4.7 | 51.7 | 47.0 |
| | 1081.200 | 34.0 | ---- | -12.0 | 22.0 | ---- | 51.7 | 29.7 |
| | 1405.560 | 34.1 | ---- | -11.9 | 22.2 | ---- | 51.7 | 29.5 |
| | 107.680 | ---- | 16.5 | -13.0 | ---- | 3.5 | 51.7 | 48.2 |
| | 215.360 | ---- | 16.9 | -12.8 | ---- | 4.1 | 51.7 | 47.6 |
| | 323.040 | ---- | 17.0 | -12.6 | ---- | 4.4 | 51.7 | 47.3 |
| | 430.720 | ---- | 16.3 | -12.4 | ---- | 3.9 | 51.7 | 47.8 |
| | 538.400 | ---- | 16.3 | -12.2 | ---- | 4.1 | 51.7 | 47.6 |
| | 646.080 | ---- | 16.2 | -11.9 | ---- | 4.3 | 51.7 | 47.4 |
| | 753.760 | ---- | 16.2 | -11.8 | ---- | 4.4 | 51.7 | 47.3 |
| | 861.440 | ---- | 16.2 | -11.8 | ---- | 4.4 | 51.7 | 47.3 |
| | 969.120 | ---- | 16.4 | -11.9 | ---- | 4.5 | 51.7 | 47.2 |
| 1076.800 | 33.5 | ---- | -12.0 | 21.5 | ---- | 51.7 | 30.2 | |
| 1507.520 | 33.7 | ---- | -11.8 | 21.9 | ---- | 51.7 | 29.8 | |

Calculation:Result [dBuV] =Reading [dBuV] +Fac (Cable+Matching Pad-Amp) [dB] +1.76 (50 ohm to 75 ohm) [dB]

DATA OF ANTENNA TERMINAL TEST

UL Japan,Inc. Shonan EMC Lab. No.1 Shielded Room
Date : 2021/01/22

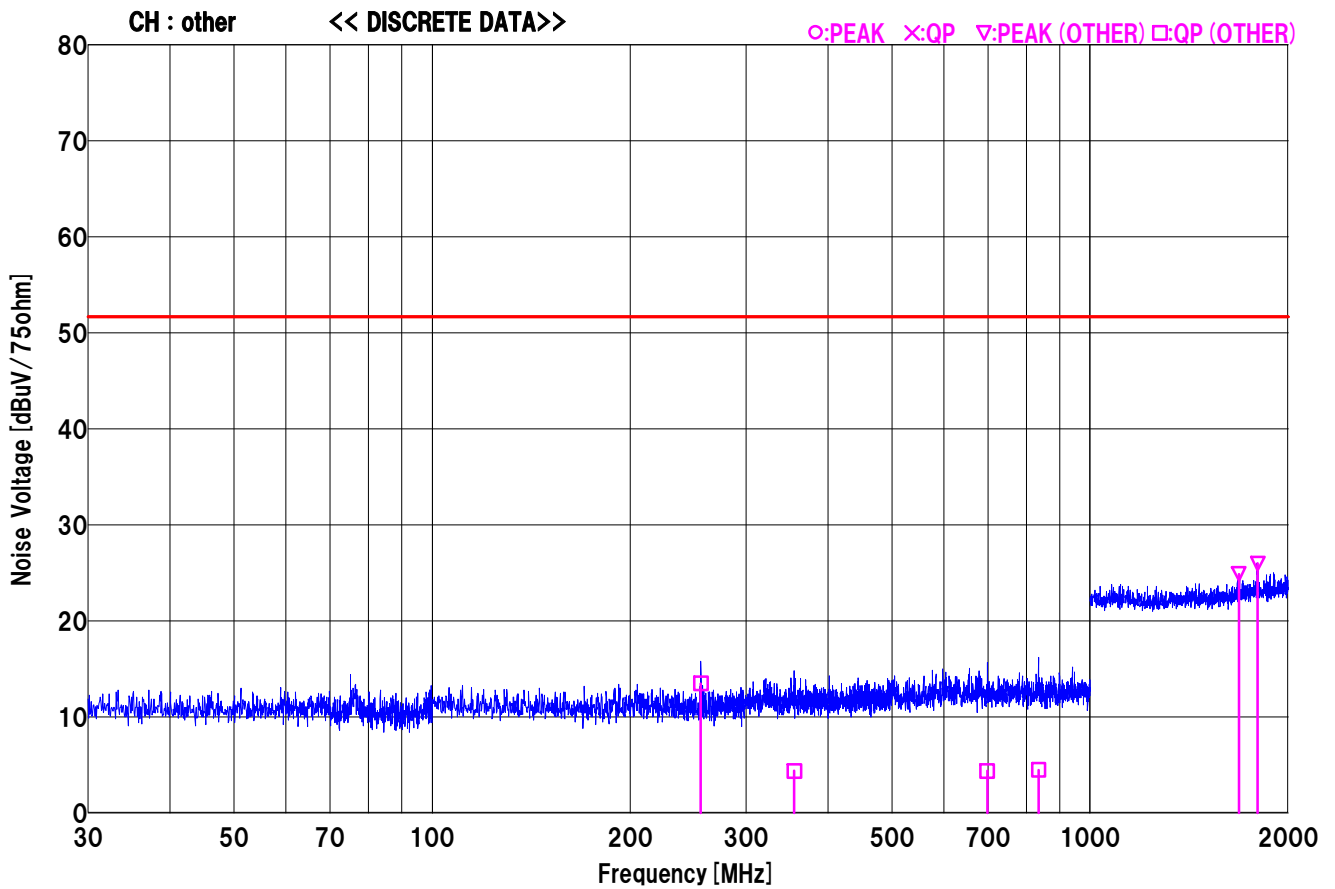
Company : DENSO Corporation
Kind of EUT : Cockpit Control Unit
Model No. : DNNS127
Serial No. : CP1.5-K3-GZ1-US-Base-105

Mode : FM Reception Digital (97.7 MHz)
Order No. : 13682531S
Power : DC 13.2 V
Temp./Humi. : 23 deg.C / 39 %RH

Remarks : Other, Port A

Engineer : Takahiro Suzuki

LIMIT (Fundamental) : — FCC Part15 SubpartB_Antenna terminal / FCC Part15 SubpartB_Antenna terminal
LIMIT (Harmonics) : — FCC Part15 SubpartB_Antenna terminal / FCC Part15 SubpartB_Antenna terminal



Calculation:Result [dBuV] =Reading [dBuV] +Fac (Cable+Matching Pad-Amp) [dB] +1.76 (50 ohm to 75 ohm) [dB]

DATA OF ANTENNA TERMINAL TEST

UL Japan,Inc. Shonan EMC Lab. No.1 Shielded Room
Date : 2021/01/22

Company : DENSO Corporation
Kind of EUT : Cockpit Control Unit
Model No. : DNNS127
Serial No. : CP1.5-K3-GZ1-US-Base-105

Mode : FM Reception Digital (97.7 MHz)
Order No. : 13682531S
Power : DC 13.2 V
Temp./Humi. : 23 deg.C / 39 %RH

Remarks : Other, Port A

Engineer : Takahiro Suzuki

LIMIT (Fundamental) : FCC Part15 SubpartB_Antenna terminal / FCC Part15 SubpartB_Antenna terminal
LIMIT (Harmonics) : FCC Part15 SubpartB_Antenna terminal / FCC Part15 SubpartB_Antenna terminal

| CH | Freq | Reading | | Factor | Result | | Limit | Margin |
|-------|-----------|---------|------|--------|-----------|------|-----------|--------|
| | | PEAK | QP | | PEAK | QP | | |
| | [MHz] | [dBuV] | | [dB] | [dBuV/75] | | [dBuV/75] | [dB] |
| other | *255.998 | ---- | 26.3 | -12.8 | ---- | 13.5 | 51.7 | 38.2 |
| | *355.003 | ---- | 16.9 | -12.5 | ---- | 4.4 | 51.7 | 47.3 |
| | *698.000 | ---- | 16.2 | -11.8 | ---- | 4.4 | 51.7 | 47.3 |
| | *835.000 | ---- | 16.3 | -11.8 | ---- | 4.5 | 51.7 | 47.2 |
| | *1682.000 | 36.4 | ---- | -11.5 | 24.9 | ---- | 51.7 | 26.8 |
| | *1798.000 | 37.4 | ---- | -11.4 | 26.0 | ---- | 51.7 | 25.7 |

Calculation:Result [dBuV] =Reading [dBuV] +Fac (Cable+Matching Pad-Amp) [dB] +1.76 (50 ohm to 75 ohm) [dB]

DATA OF ANTENNA TERMINAL TEST

UL Japan,Inc. Shonan EMC Lab. No.1 Shielded Room
Date : 2021/01/22

Company : DENSO Corporation
Kind of EUT : Cockpit Control Unit
Model No. : DNN5127
Serial No. : CP1.5-K3-GZ1-US-Base-105

Mode : FM Reception Analog (87.75 MHz)
Order No. : 13682531S
Power : DC 13.2 V
Temp./Humi. : 23 deg.C / 39 %RH

Remarks : Local, Port A

Engineer : Takahiro Suzuki

LIMIT (Fundamental) : FCC Part15 SubpartB_Antenna terminal / FCC Part15 SubpartB_Antenna terminal
LIMIT (Harmonics) : FCC Part15 SubpartB_Antenna terminal / FCC Part15 SubpartB_Antenna terminal

| CH | Freq [MHz] | Reading | | Factor [dB] | Result | | Limit [dBuV/75] | Margin [dB] |
|----------|---------------|---------|-------|----------------|-----------|------|--------------------|----------------|
| | | PEAK | QP | | PEAK | QP | | |
| | | [dBuV] | | | [dBuV/75] | | | |
| 87.75MHz | 87.970 | ---- | 16.6 | -13.1 | ---- | 3.5 | 51.7 | 48.2 |
| | 175.940 | ---- | 16.6 | -12.8 | ---- | 3.8 | 51.7 | 47.9 |
| | 263.910 | ---- | 16.4 | -12.7 | ---- | 3.7 | 51.7 | 48.0 |
| | 351.880 | ---- | 16.6 | -12.5 | ---- | 4.1 | 51.7 | 47.6 |
| | 439.850 | ---- | 20.0 | -12.3 | ---- | 7.7 | 51.7 | 44.0 |
| | 527.820 | ---- | 16.8 | -12.2 | ---- | 4.6 | 51.7 | 47.1 |
| | 615.790 | ---- | 16.3 | -11.9 | ---- | 4.4 | 51.7 | 47.3 |
| | 703.760 | ---- | 16.1 | -11.8 | ---- | 4.3 | 51.7 | 47.4 |
| | 791.730 | ---- | 16.1 | -11.8 | ---- | 4.3 | 51.7 | 47.4 |
| | 879.700 | ---- | 16.2 | -11.8 | ---- | 4.4 | 51.7 | 47.3 |
| | 967.670 | ---- | 16.4 | -11.9 | ---- | 4.5 | 51.7 | 47.2 |
| | 1055.640 | 32.7 | ---- | -12.1 | 20.6 | ---- | 51.7 | 31.1 |
| | 1407.520 | 33.0 | ---- | -11.9 | 21.1 | ---- | 51.7 | 30.6 |
| | 87.530 | ---- | 16.3 | -13.1 | ---- | 3.2 | 51.7 | 48.5 |
| | 175.060 | ---- | 16.6 | -12.8 | ---- | 3.8 | 51.7 | 47.9 |
| | 262.590 | ---- | 16.4 | -12.7 | ---- | 3.7 | 51.7 | 48.0 |
| | 350.120 | ---- | 16.5 | -12.5 | ---- | 4.0 | 51.7 | 47.7 |
| | 437.650 | ---- | 16.4 | -12.3 | ---- | 4.1 | 51.7 | 47.6 |
| | 525.180 | ---- | 16.2 | -12.2 | ---- | 4.0 | 51.7 | 47.7 |
| | 612.710 | ---- | 16.2 | -11.9 | ---- | 4.3 | 51.7 | 47.4 |
| | 700.240 | ---- | 16.0 | -11.8 | ---- | 4.2 | 51.7 | 47.5 |
| 787.770 | ---- | 16.2 | -11.8 | ---- | 4.4 | 51.7 | 47.3 | |
| 875.300 | ---- | 16.2 | -11.8 | ---- | 4.4 | 51.7 | 47.3 | |
| 962.830 | ---- | 16.5 | -11.9 | ---- | 4.6 | 51.7 | 47.1 | |
| 1050.360 | 32.8 | ---- | -12.1 | 20.7 | ---- | 51.7 | 31.0 | |
| 1400.480 | 32.9 | ---- | -11.9 | 21.0 | ---- | 51.7 | 30.7 | |

Calculation:Result [dBuV] =Reading [dBuV] +Fac (Cable+Matching Pad-Amp) [dB] +1.76 (50 ohm to 75 ohm) [dB]

DATA OF ANTENNA TERMINAL TEST

UL Japan,Inc. Shonan EMC Lab. No.1 Shielded Room
Date : 2021/01/22

Company : DENSO Corporation
Kind of EUT : Cockpit Control Unit
Model No. : DNN5127
Serial No. : CP1.5-K3-GZ1-US-Base-105

Mode : FM Reception Analog (97.7 MHz)
Order No. : 13682531S
Power : DC 13.2 V
Temp./Humi. : 23 deg.C / 39 %RH

Remarks : Local, Port A

Engineer : Takahiro Suzuki

LIMIT (Fundamental) : FCC Part15 SubpartB_Antenna terminal / FCC Part15 SubpartB_Antenna terminal
LIMIT (Harmonics) : FCC Part15 SubpartB_Antenna terminal / FCC Part15 SubpartB_Antenna terminal

| CH | Freq [MHz] | Reading | | Factor [dB] | Result | | Limit [dBuV/75] | Margin [dB] |
|----------|---------------|---------|-------|----------------|-----------|------|--------------------|----------------|
| | | PEAK | QP | | PEAK | QP | | |
| | | [dBuV] | | | [dBuV/75] | | | |
| 97.7MHz | 97.920 | ---- | 164 | -13.1 | ---- | 3.3 | 51.7 | 48.4 |
| | 195.840 | ---- | 164 | -12.8 | ---- | 3.6 | 51.7 | 48.1 |
| | 293.760 | ---- | 163 | -12.6 | ---- | 3.7 | 51.7 | 48.0 |
| | 391.680 | ---- | 16.1 | -12.5 | ---- | 3.6 | 51.7 | 48.1 |
| | 489.600 | ---- | 16.2 | -12.2 | ---- | 4.0 | 51.7 | 47.7 |
| | 587.520 | ---- | 16.2 | -12.0 | ---- | 4.2 | 51.7 | 47.5 |
| | 685.440 | ---- | 16.2 | -11.8 | ---- | 4.4 | 51.7 | 47.3 |
| | 783.360 | ---- | 16.3 | -11.8 | ---- | 4.5 | 51.7 | 47.2 |
| | 881.280 | ---- | 16.2 | -11.8 | ---- | 4.4 | 51.7 | 47.3 |
| | 979.200 | ---- | 16.4 | -11.9 | ---- | 4.5 | 51.7 | 47.2 |
| | 1077.120 | 32.4 | ---- | -12.0 | 20.4 | ---- | 51.7 | 31.3 |
| | 1468.800 | 32.7 | ---- | -11.8 | 20.9 | ---- | 51.7 | 30.9 |
| | 97.480 | ---- | 16.4 | -13.1 | ---- | 3.3 | 51.7 | 48.4 |
| | 194.960 | ---- | 16.3 | -12.8 | ---- | 3.5 | 51.7 | 48.2 |
| | 292.440 | ---- | 16.4 | -12.6 | ---- | 3.8 | 51.7 | 47.9 |
| | 389.920 | ---- | 16.1 | -12.5 | ---- | 3.6 | 51.7 | 48.1 |
| | 487.400 | ---- | 16.1 | -12.3 | ---- | 3.8 | 51.7 | 47.9 |
| | 584.880 | ---- | 16.2 | -12.0 | ---- | 4.2 | 51.7 | 47.5 |
| | 682.360 | ---- | 16.3 | -11.8 | ---- | 4.5 | 51.7 | 47.2 |
| | 779.840 | ---- | 16.3 | -11.8 | ---- | 4.5 | 51.7 | 47.2 |
| 877.320 | ---- | 16.2 | -11.8 | ---- | 4.4 | 51.7 | 47.3 | |
| 974.800 | ---- | 16.4 | -11.9 | ---- | 4.5 | 51.7 | 47.2 | |
| 1072.280 | 33.5 | ---- | -12.0 | 21.5 | ---- | 51.7 | 30.2 | |
| 1364.720 | 32.6 | ---- | -11.9 | 20.7 | ---- | 51.7 | 31.0 | |

Calculation:Result [dBuV] =Reading [dBuV] +Fac (Cable+Matching Pad-Amp) [dB] +1.76 (50 ohm to 75 ohm) [dB]

DATA OF ANTENNA TERMINAL TEST

UL Japan,Inc. Shonan EMC Lab. No.1 Shielded Room
Date : 2021/01/22

Company : DENSO Corporation
Kind of EUT : Cockpit Control Unit
Model No. : DNN5127
Serial No. : CP1.5-K3-GZ1-US-Base-105

Mode : FM Reception Analog (107.9 MHz)
Order No. : 13682531S
Power : DC 13.2 V
Temp./Humi. : 23 deg.C / 39 %RH

Remarks : Local, Port A

Engineer : Takahiro Suzuki

LIMIT (Fundamental) : FCC Part15 SubpartB_Antenna terminal / FCC Part15 SubpartB_Antenna terminal
LIMIT (Harmonics) : FCC Part15 SubpartB_Antenna terminal / FCC Part15 SubpartB_Antenna terminal

| CH | Freq [MHz] | Reading | | Factor [dB] | Result | | Limit [dBuV/75] | Margin [dB] |
|----------|---------------|---------|-------|----------------|-----------|------|--------------------|----------------|
| | | PEAK | QP | | PEAK | QP | | |
| | | [dBuV] | | | [dBuV/75] | | | |
| 107.9MHz | 108.120 | ---- | 163 | -13.0 | ---- | 3.3 | 51.7 | 48.4 |
| | 216.240 | ---- | 18.5 | -12.8 | ---- | 5.7 | 51.7 | 46.0 |
| | 324.360 | ---- | 16.6 | -12.6 | ---- | 4.0 | 51.7 | 47.7 |
| | 432.480 | ---- | 16.4 | -12.3 | ---- | 4.1 | 51.7 | 47.6 |
| | 540.600 | ---- | 16.2 | -12.2 | ---- | 4.0 | 51.7 | 47.7 |
| | 648.720 | ---- | 16.2 | -11.9 | ---- | 4.3 | 51.7 | 47.4 |
| | 756.840 | ---- | 16.1 | -11.8 | ---- | 4.3 | 51.7 | 47.4 |
| | 864.960 | ---- | 16.3 | -11.8 | ---- | 4.5 | 51.7 | 47.2 |
| | 973.080 | ---- | 16.5 | -11.9 | ---- | 4.6 | 51.7 | 47.1 |
| | 1081.200 | 32.9 | ---- | -12.0 | 20.9 | ---- | 51.7 | 30.8 |
| | 1405.560 | 32.9 | ---- | -11.9 | 21.0 | ---- | 51.7 | 30.7 |
| | 107.680 | ---- | 16.3 | -13.0 | ---- | 3.3 | 51.7 | 48.4 |
| | 215.360 | ---- | 16.4 | -12.8 | ---- | 3.6 | 51.7 | 48.1 |
| | 323.040 | ---- | 16.6 | -12.6 | ---- | 4.0 | 51.7 | 47.7 |
| | 430.720 | ---- | 16.3 | -12.4 | ---- | 3.9 | 51.7 | 47.8 |
| | 538.400 | ---- | 16.2 | -12.2 | ---- | 4.0 | 51.7 | 47.7 |
| | 646.080 | ---- | 16.2 | -11.9 | ---- | 4.3 | 51.7 | 47.4 |
| | 753.760 | ---- | 16.1 | -11.8 | ---- | 4.3 | 51.7 | 47.4 |
| | 861.440 | ---- | 16.2 | -11.8 | ---- | 4.4 | 51.7 | 47.3 |
| | 969.120 | ---- | 16.4 | -11.9 | ---- | 4.5 | 51.7 | 47.2 |
| 1076.800 | 33.4 | ---- | -12.0 | 21.4 | ---- | 51.7 | 30.3 | |
| 1507.520 | 33.5 | ---- | -11.8 | 21.7 | ---- | 51.7 | 30.0 | |

Calculation:Result [dBuV] =Reading [dBuV] +Fac (Cable+Matching Pad-Amp) [dB] +1.76 (50 ohm to 75 ohm) [dB]

DATA OF ANTENNA TERMINAL TEST

UL Japan,Inc. Shonan EMC Lab. No.1 Shielded Room
Date : 2021/01/22

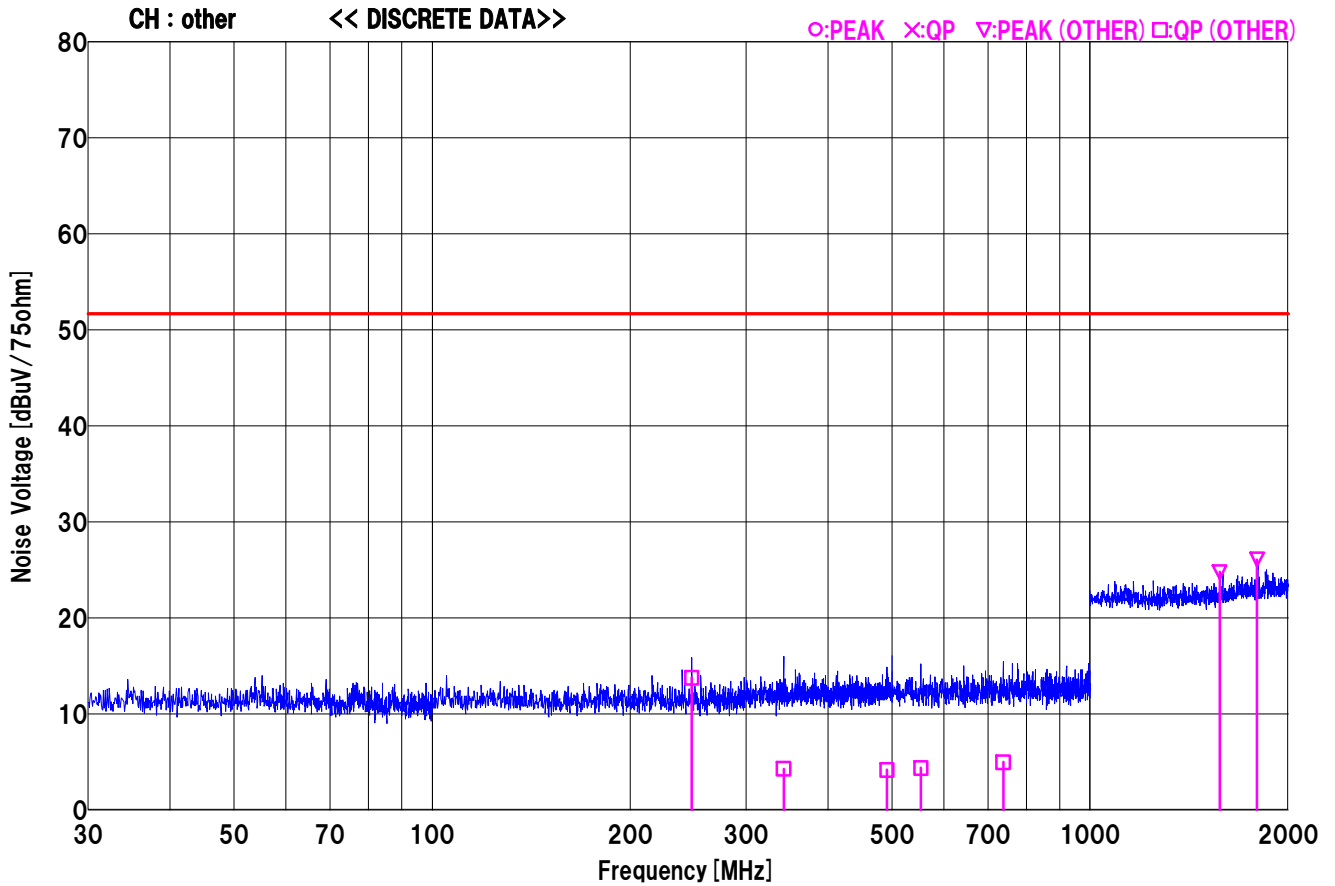
Company : DENSO Corporation
Kind of EUT : Cockpit Control Unit
Model No. : DNNS127
Serial No. : CP1.5-K3-GZ1-US-Base-105

Mode : FM Reception Analog (97.7 MHz)
Order No. : 13682531S
Power : DC 13.2 V
Temp./Humi. : 23 deg.C / 39 %RH

Remarks : Other, Port A

Engineer : Takahiro Suzuki

LIMIT (Fundamental) : — FCC Part15 SubpartB_Antenna terminal / FCC Part15 SubpartB_Antenna terminal
LIMIT (Harmonics) : — FCC Part15 SubpartB_Antenna terminal / FCC Part15 SubpartB_Antenna terminal



Calculation:Result [dBuV] =Reading [dBuV] +Fac (Cable+Matching Pad-Amp) [dB] +1.76 (50 ohm to 75 ohm) [dB]

DATA OF ANTENNA TERMINAL TEST

UL Japan,Inc. Shonan EMC Lab. No.1 Shielded Room
Date : 2021/01/22

Company : DENSO Corporation
Kind of EUT : Cockpit Control Unit
Model No. : DNNS127
Serial No. : CP1.5-K3-GZ1-US-Base-105

Mode : FM Reception Analog (97.7 MHz)
Order No. : 13682531S
Power : DC 13.2 V
Temp./Humi. : 23 deg.C / 39 %RH

Remarks : Other, Port A

Engineer : Takahiro Suzuki

LIMIT (Fundamental) : FCC Part15 SubpartB_Antenna terminal / FCC Part15 SubpartB_Antenna terminal
LIMIT (Harmonics) : FCC Part15 SubpartB_Antenna terminal / FCC Part15 SubpartB_Antenna terminal

| CH | Freq | Reading | | Factor | Result | | Limit | Margin |
|-------|-----------|---------|------|--------|-----------|------|-----------|--------|
| | | PEAK | QP | | PEAK | QP | | |
| | [MHz] | [dBuV] | | [dB] | [dBuV/75] | | [dBuV/75] | [dB] |
| other | *247.998 | ---- | 26.6 | -12.8 | ---- | 13.8 | 51.7 | 37.9 |
| | *342.203 | ---- | 16.9 | -12.6 | ---- | 4.3 | 51.7 | 47.4 |
| | *738.000 | ---- | 16.8 | -11.8 | ---- | 5.0 | 51.7 | 46.7 |
| | *553.000 | ---- | 16.5 | -12.1 | ---- | 4.4 | 51.7 | 47.3 |
| | *491.012 | ---- | 16.4 | -12.2 | ---- | 4.2 | 51.7 | 47.5 |
| | *1573.000 | 36.5 | ---- | -11.7 | 24.8 | ---- | 51.7 | 26.9 |
| | *1794.000 | 37.5 | ---- | -11.4 | 26.1 | ---- | 51.7 | 25.6 |

Calculation:Result [dBuV] =Reading [dBuV] +Fac (Cable+Matching Pad-Amp) [dB] +1.76 (50 ohm to 75 ohm) [dB]

DATA OF ANTENNA TERMINAL TEST

UL Japan,Inc. Shonan EMC Lab. No.1 Shielded Room
Date : 2021/01/22

Company : DENSO Corporation
Kind of EUT : Cockpit Control Unit
Model No. : DNN5127
Serial No. : CP1.5-K3-GZ1-US-Base-105

Mode : FM Reception Analog (87.75 MHz)
Order No. : 13682531S
Power : DC 13.2 V
Temp./Humi. : 23 deg.C / 39 %RH

Remarks : Local, Port B

Engineer : Takahiro Suzuki

LIMIT (Fundamental) : FCC Part15 SubpartB_Antenna terminal / FCC Part15 SubpartB_Antenna terminal
LIMIT (Harmonics) : FCC Part15 SubpartB_Antenna terminal / FCC Part15 SubpartB_Antenna terminal

| CH | Freq [MHz] | Reading | | Factor [dB] | Result | | Limit [dBuV/75] | Margin [dB] |
|----------|---------------|---------|-------|----------------|-----------|------|--------------------|----------------|
| | | PEAK | QP | | PEAK | QP | | |
| | | [dBuV] | | | [dBuV/75] | | | |
| 87.75MHz | 87.970 | ---- | 16.5 | -13.1 | ---- | 3.4 | 51.7 | 48.3 |
| | 175.940 | ---- | 16.4 | -12.8 | ---- | 3.6 | 51.7 | 48.1 |
| | 263.910 | ---- | 16.4 | -12.7 | ---- | 3.7 | 51.7 | 48.0 |
| | 351.880 | ---- | 16.4 | -12.5 | ---- | 3.9 | 51.7 | 47.8 |
| | 439.850 | ---- | 16.3 | -12.3 | ---- | 4.0 | 51.7 | 47.7 |
| | 527.820 | ---- | 17.5 | -12.2 | ---- | 5.3 | 51.7 | 46.4 |
| | 615.790 | ---- | 16.3 | -11.9 | ---- | 4.4 | 51.7 | 47.3 |
| | 703.760 | ---- | 16.2 | -11.8 | ---- | 4.4 | 51.7 | 47.3 |
| | 791.730 | ---- | 16.3 | -11.8 | ---- | 4.5 | 51.7 | 47.2 |
| | 879.700 | ---- | 16.4 | -11.8 | ---- | 4.6 | 51.7 | 47.1 |
| | 967.670 | ---- | 16.6 | -11.9 | ---- | 4.7 | 51.7 | 47.0 |
| | 1055.640 | 34.5 | ---- | -12.1 | 22.4 | ---- | 51.7 | 29.3 |
| | 1407.520 | 33.9 | ---- | -11.9 | 22.0 | ---- | 51.7 | 29.7 |
| | 87.530 | ---- | 16.4 | -13.1 | ---- | 3.3 | 51.7 | 48.4 |
| | 175.060 | ---- | 16.4 | -12.8 | ---- | 3.6 | 51.7 | 48.1 |
| | 262.590 | ---- | 16.5 | -12.7 | ---- | 3.8 | 51.7 | 47.9 |
| | 350.120 | ---- | 16.5 | -12.5 | ---- | 4.0 | 51.7 | 47.7 |
| | 437.650 | ---- | 16.3 | -12.3 | ---- | 4.0 | 51.7 | 47.7 |
| | 525.180 | ---- | 16.3 | -12.2 | ---- | 4.1 | 51.7 | 47.6 |
| | 612.710 | ---- | 16.3 | -11.9 | ---- | 4.4 | 51.7 | 47.3 |
| | 700.240 | ---- | 16.1 | -11.8 | ---- | 4.3 | 51.7 | 47.4 |
| 787.770 | ---- | 16.3 | -11.8 | ---- | 4.5 | 51.7 | 47.2 | |
| 875.300 | ---- | 16.3 | -11.8 | ---- | 4.5 | 51.7 | 47.2 | |
| 962.830 | ---- | 16.6 | -11.9 | ---- | 4.7 | 51.7 | 47.0 | |
| 1050.360 | 33.9 | ---- | -12.1 | 21.8 | ---- | 51.7 | 29.9 | |
| 1400.480 | 33.6 | ---- | -11.9 | 21.7 | ---- | 51.7 | 30.0 | |

Calculation:Result [dBuV] =Reading [dBuV] +Fac (Cable+Matching Pad-Amp) [dB] +1.76 (50 ohm to 75 ohm) [dB]

DATA OF ANTENNA TERMINAL TEST

UL Japan,Inc. Shonan EMC Lab. No.1 Shielded Room
Date : 2021/01/22

Company : DENSO Corporation
Kind of EUT : Cockpit Control Unit
Model No. : DNN5127
Serial No. : CP1.5-K3-GZ1-US-Base-105

Mode : FM Reception Analog (97.7 MHz)
Order No. : 13682531S
Power : DC 13.2 V
Temp./Humi. : 23 deg.C / 39 %RH

Remarks : Local, Port B

Engineer : Takahiro Suzuki

LIMIT (Fundamental) : FCC Part15 SubpartB_Antenna terminal / FCC Part15 SubpartB_Antenna terminal
LIMIT (Harmonics) : FCC Part15 SubpartB_Antenna terminal / FCC Part15 SubpartB_Antenna terminal

| CH | Freq [MHz] | Reading | | Factor [dB] | Result | | Limit [dBuV/75] | Margin [dB] |
|----------|---------------|---------|-------|----------------|-----------|------|--------------------|----------------|
| | | PEAK | QP | | PEAK | QP | | |
| | | [dBuV] | | | [dBuV/75] | | | |
| 97.7MHz | 97.920 | ---- | 166 | -13.1 | ---- | 3.5 | 51.7 | 48.2 |
| | 195.840 | ---- | 16.7 | -12.8 | ---- | 3.9 | 51.7 | 47.8 |
| | 293.760 | ---- | 16.4 | -12.6 | ---- | 3.8 | 51.7 | 47.9 |
| | 391.680 | ---- | 16.3 | -12.5 | ---- | 3.8 | 51.7 | 47.9 |
| | 489.600 | ---- | 16.3 | -12.2 | ---- | 4.1 | 51.7 | 47.6 |
| | 587.520 | ---- | 16.2 | -12.0 | ---- | 4.2 | 51.7 | 47.5 |
| | 685.440 | ---- | 16.3 | -11.8 | ---- | 4.5 | 51.7 | 47.2 |
| | 783.360 | ---- | 16.4 | -11.8 | ---- | 4.6 | 51.7 | 47.1 |
| | 881.280 | ---- | 16.4 | -11.8 | ---- | 4.6 | 51.7 | 47.1 |
| | 979.200 | ---- | 16.4 | -11.9 | ---- | 4.5 | 51.7 | 47.2 |
| | 1077.120 | 34.4 | ---- | -12.0 | 224 | ---- | 51.7 | 29.3 |
| | 1468.800 | 34.0 | ---- | -11.8 | 222 | ---- | 51.7 | 29.5 |
| | 97.480 | ---- | 16.6 | -13.1 | ---- | 3.5 | 51.7 | 48.2 |
| | 194.960 | ---- | 16.6 | -12.8 | ---- | 3.8 | 51.7 | 47.9 |
| | 292.440 | ---- | 16.4 | -12.6 | ---- | 3.8 | 51.7 | 47.9 |
| | 389.920 | ---- | 16.3 | -12.5 | ---- | 3.8 | 51.7 | 47.9 |
| | 487.400 | ---- | 16.2 | -12.3 | ---- | 3.9 | 51.7 | 47.8 |
| | 584.880 | ---- | 16.2 | -12.0 | ---- | 4.2 | 51.7 | 47.5 |
| | 682.360 | ---- | 16.2 | -11.8 | ---- | 4.4 | 51.7 | 47.3 |
| | 779.840 | ---- | 16.4 | -11.8 | ---- | 4.6 | 51.7 | 47.1 |
| 877.320 | ---- | 16.3 | -11.8 | ---- | 4.5 | 51.7 | 47.2 | |
| 974.800 | ---- | 16.4 | -11.9 | ---- | 4.5 | 51.7 | 47.2 | |
| 1072.280 | 34.2 | ---- | -12.0 | 222 | ---- | 51.7 | 29.5 | |
| 1364.720 | 34.5 | ---- | -11.9 | 226 | ---- | 51.7 | 29.1 | |

Calculation:Result [dBuV] =Reading [dBuV] +Fac (Cable+Matching Pad-Amp) [dB] +1.76 (50 ohm to 75 ohm) [dB]

DATA OF ANTENNA TERMINAL TEST

UL Japan,Inc. Shonan EMC Lab. No.1 Shielded Room
Date : 2021/01/22

Company : DENSO Corporation
Kind of EUT : Cockpit Control Unit
Model No. : DNN5127
Serial No. : CP1.5-K3-GZ1-US-Base-105

Mode : FM Reception Analog (107.9 MHz)
Order No. : 13682531S
Power : DC 13.2 V
Temp./Humi. : 23 deg.C / 39 %RH

Remarks : Local, Port B

Engineer : Takahiro Suzuki

LIMIT (Fundamental) : FCC Part15 SubpartB_Antenna terminal / FCC Part15 SubpartB_Antenna terminal
LIMIT (Harmonics) : FCC Part15 SubpartB_Antenna terminal / FCC Part15 SubpartB_Antenna terminal

| CH | Freq [MHz] | Reading | | Factor [dB] | Result | | Limit [dBuV/75] | Margin [dB] |
|----------|---------------|---------|-------|----------------|-----------|------|--------------------|----------------|
| | | PEAK | QP | | PEAK | QP | | |
| | | [dBuV] | | | [dBuV/75] | | | |
| 107.9MHz | 108.120 | ---- | 16.5 | -13.0 | ---- | 3.5 | 51.7 | 48.2 |
| | 216.240 | ---- | 16.9 | -12.8 | ---- | 4.1 | 51.7 | 47.6 |
| | 324.360 | ---- | 16.6 | -12.6 | ---- | 4.0 | 51.7 | 47.7 |
| | 432.480 | ---- | 16.3 | -12.3 | ---- | 4.0 | 51.7 | 47.7 |
| | 540.600 | ---- | 16.9 | -12.2 | ---- | 4.7 | 51.7 | 47.0 |
| | 648.720 | ---- | 16.3 | -11.9 | ---- | 4.4 | 51.7 | 47.3 |
| | 756.840 | ---- | 16.2 | -11.8 | ---- | 4.4 | 51.7 | 47.3 |
| | 864.960 | ---- | 16.3 | -11.8 | ---- | 4.5 | 51.7 | 47.2 |
| | 973.080 | ---- | 16.4 | -11.9 | ---- | 4.5 | 51.7 | 47.2 |
| | 1081.200 | 34.0 | ---- | -12.0 | 22.0 | ---- | 51.7 | 29.7 |
| | 1405.560 | 33.8 | ---- | -11.9 | 21.9 | ---- | 51.7 | 29.8 |
| | 107.680 | ---- | 16.5 | -13.0 | ---- | 3.5 | 51.7 | 48.2 |
| | 215.360 | ---- | 16.7 | -12.8 | ---- | 3.9 | 51.7 | 47.8 |
| | 323.040 | ---- | 16.6 | -12.6 | ---- | 4.0 | 51.7 | 47.7 |
| | 430.720 | ---- | 16.2 | -12.4 | ---- | 3.8 | 51.7 | 47.9 |
| | 538.400 | ---- | 16.6 | -12.2 | ---- | 4.4 | 51.7 | 47.3 |
| | 646.080 | ---- | 16.2 | -11.9 | ---- | 4.3 | 51.7 | 47.4 |
| | 753.760 | ---- | 16.3 | -11.8 | ---- | 4.5 | 51.7 | 47.2 |
| | 861.440 | ---- | 16.2 | -11.8 | ---- | 4.4 | 51.7 | 47.3 |
| | 969.120 | ---- | 16.7 | -11.9 | ---- | 4.8 | 51.7 | 46.9 |
| 1076.800 | 33.6 | ---- | -12.0 | 21.6 | ---- | 51.7 | 30.1 | |
| 1507.520 | 34.6 | ---- | -11.8 | 22.8 | ---- | 51.7 | 28.9 | |

Calculation:Result [dBuV] =Reading [dBuV] +Fac (Cable+Matching Pad-Amp) [dB] +1.76 (50 ohm to 75 ohm) [dB]

DATA OF ANTENNA TERMINAL TEST

UL Japan, Inc. Shonan EMC Lab. No.1 Shielded Room
Date : 2021/01/22

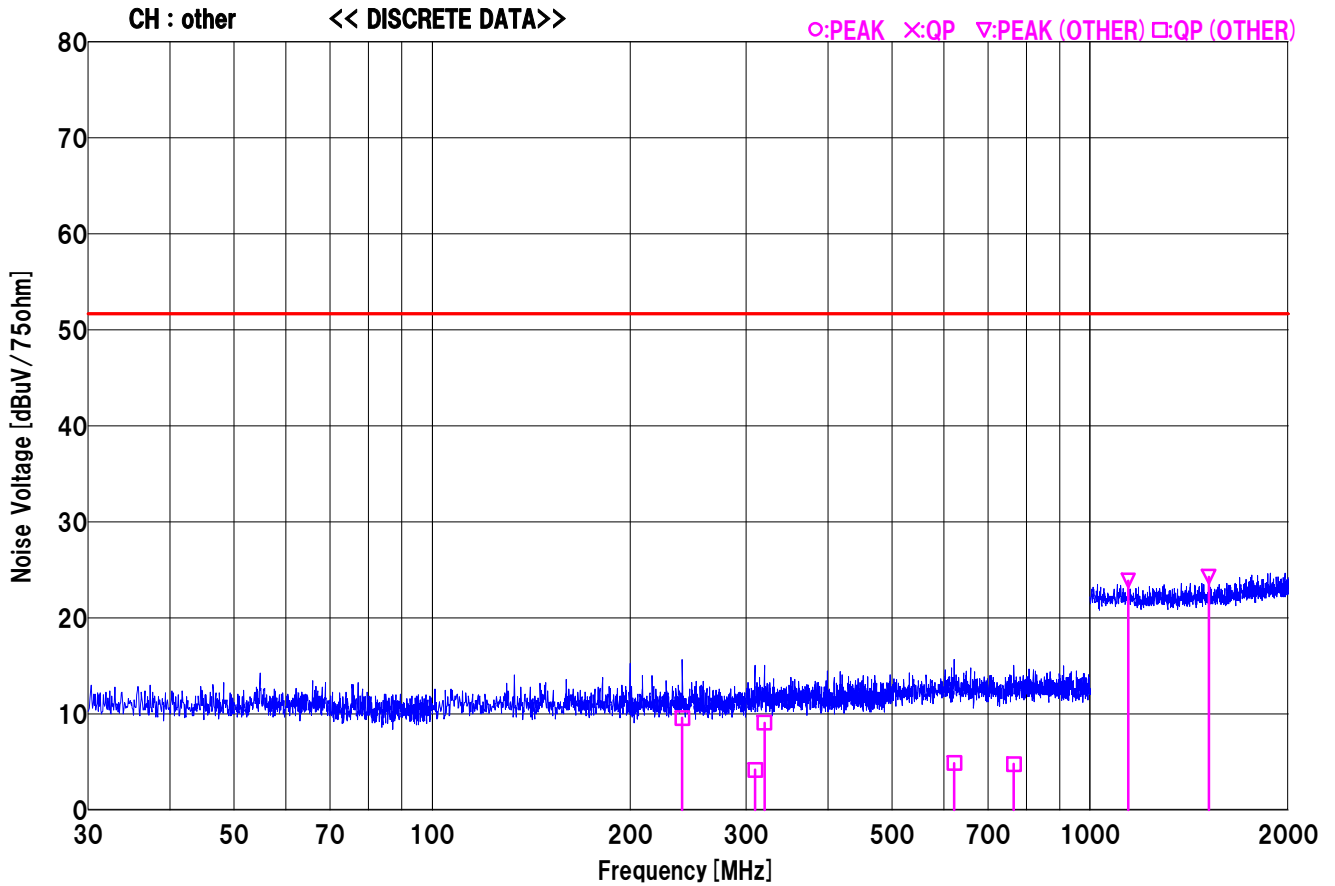
Company : DENSO Corporation
Kind of EUT : Cockpit Control Unit
Model No. : DNNS127
Serial No. : CP1.5-K3-GZ1-US-Base-105

Mode : FM Reception Analog (97.7 MHz)
Order No. : 13682531S
Power : DC 13.2 V
Temp./Humi. : 23 deg.C / 39 %RH

Remarks : Other, Port B

Engineer : Takahiro Suzuki

LIMIT (Fundamental) : — FCC Part15 SubpartB_Antenna terminal / FCC Part15 SubpartB_Antenna terminal
LIMIT (Harmonics) : — FCC Part15 SubpartB_Antenna terminal / FCC Part15 SubpartB_Antenna terminal



Calculation:Result [dBuV] =Reading [dBuV] +Fac (Cable+Matching Pad-Amp) [dB] +1.76 (50 ohm to 75 ohm) [dB]

DATA OF ANTENNA TERMINAL TEST

UL Japan,Inc. Shonan EMC Lab. No.1 Shielded Room
Date : 2021/01/22

Company : DENSO Corporation
Kind of EUT : Cockpit Control Unit
Model No. : DNNS127
Serial No. : CP1.5-K3-GZ1-US-Base-105

Mode : FM Reception Analog (97.7 MHz)
Order No. : 13682531S
Power : DC 13.2 V
Temp./Humi. : 23 deg.C / 39 %RH

Remarks : Other, Port B

Engineer : Takahiro Suzuki

LIMIT (Fundamental) : FCC Part15 SubpartB_Antenna terminal / FCC Part15 SubpartB_Antenna terminal
LIMIT (Harmonics) : FCC Part15 SubpartB_Antenna terminal / FCC Part15 SubpartB_Antenna terminal

| CH | Freq | Reading | | Factor | Result | | Limit | Margin |
|-------|-----------|---------|------|--------|-----------|------|-----------|--------|
| | | PEAK | QP | | PEAK | QP | | |
| | [MHz] | [dBuV] | | [dB] | [dBuV/75] | | [dBuV/75] | [dB] |
| other | *239.998 | ---- | 22.4 | -12.8 | ---- | 9.6 | 51.7 | 42.1 |
| | *309.601 | ---- | 16.8 | -12.6 | ---- | 4.2 | 51.7 | 47.5 |
| | *320.001 | ---- | 21.7 | -12.6 | ---- | 9.1 | 51.7 | 42.6 |
| | *621.500 | ---- | 16.8 | -11.9 | ---- | 4.9 | 51.7 | 46.8 |
| | *766.000 | ---- | 16.6 | -11.8 | ---- | 4.8 | 51.7 | 46.9 |
| | *1143.000 | 35.9 | ---- | -12.0 | 23.9 | ---- | 51.7 | 27.8 |
| | *1515.000 | 36.1 | ---- | -11.8 | 24.3 | ---- | 51.7 | 27.4 |

Calculation:Result [dBuV] =Reading [dBuV] +Fac (Cable+Matching Pad-Amp) [dB] +1.76 (50 ohm to 75 ohm) [dB]

APPENDIX 3

Test Instruments

EMI test equipment

| Test Name | Local ID | LIMS ID | Description | Manufacturer | Model | Serial | Last Calibration Date | Calibration Interval (Month) |
|-----------|--------------------------------|---------|-------------------------------|---|--------------------------------------|-------------------------|-----------------------|------------------------------|
| AT | COTS-SEMI-2 | 144866 | EMI Software for AV Equipment | TSJ (Techno Science Japan) | TEPTO-DV(AT,TV) | 2 | - | - |
| AT | SAF-07 | 145006 | Pre Amplifier | TSJ (Techno Science Japan) | MLA-8k03-D01-35 | 81212 | 2020/06/24 | 12 |
| AT | SCC-AT1/AT2/KM P-09 | 180424 | Coaxial cable, Matching pad | TAMAGAWA | 5D2W/ZT-130 | -/1454514E | 2020/06/24 | 12 |
| AT | SOS-16 | 167990 | Humidity Indicator | CUSTOM. Inc | CTH-202 | 708Q08R | 2020/10/01 | 12 |
| AT,RE | STR-01 | 145790 | Test Receiver | Rohde & Schwarz | ESU40 | 100093 | 2020/04/24 | 12 |
| AT,RE | STS-01 | 145792 | Digital Hitester | HIOKI E.E. CORPORATION | 3805-50 | 80997812 | 2020/10/19 | 12 |
| RE | COTS-SEMI-5 | 170932 | EMI Software | TSJ (Techno Science Japan) | TEPTO-DV3(RE,CE,ME,PE) | - | - | - |
| RE | KAT6-04 | 144899 | Attenuator | Inmet | 18N-6dB | - | 2020/12/10 | 12 |
| RE | KJM-09 | 145929 | Measure | KOMELON | KMC-36 | - | - | - |
| RE | SAEC-01(NSA) | 145597 | Semi-Anechoic Chamber | TDK | SAEC-01(NSA) | 1 | 2020/04/08 | 12 |
| RE | SAEC-01(SVSWR) | 145561 | Semi-Anechoic Chamber | TDK | SAEC-01(SVSWR) | 1 | 2020/05/04 | 12 |
| RE | SAEC-02(NSA) | 145563 | Semi-Anechoic Chamber | TDK | SAEC-02(NSA) | 2 | 2020/03/20 | 12 |
| RE | SAF-01 | 145003 | Pre Amplifier | SONOMA | 310N | 290211 | 2020/02/19 | 12 |
| RE | SAF-02 | 145004 | Pre Amplifier | SONOMA | 310N | 290212 | 2020/02/19 | 12 |
| RE | SAF-04 | 145127 | Pre Amplifier | Toyo Corporation | TPA0118-36 | 2072554 | 2020/06/02 | 12 |
| RE | SAF-05 | 145128 | Pre Amplifier | Toyo Corporation | TPA0118-36 | 1440490 | 2020/06/03 | 12 |
| RE | SAT3-09 | 144959 | Attenuator | JFW | 50HF-003N | - | 2020/08/18 | 12 |
| RE | SAT3-11 | 150921 | Attenuator | JFW | 50HF-003N | - | 2021/01/26 | 12 |
| RE | SAT6-14 | 167095 | Attenuator | JFW | 50HF-006N | - | 2020/02/21 | 12 |
| RE | SBA-01 | 145161 | Biconical Antenna | Schwarzbeck Mess - Elektronik | BBA9106 | 91032664 | 2020/04/04 | 12 |
| RE | SBA-02 | 145022 | Biconical Antenna | Schwarzbeck Mess - Elektronik | BBA9106 | 91032665 | 2020/04/04 | 12 |
| RE | SCC-A1/A3/A5/A7/A8/A13/SRSE-01 | 144967 | Coaxial Cable&RF Selector | Fujikura/Fujikura/Suhner/Suhner/Suhner/TOYO | 8D2W/12DSFA/141PE/141PE/141PE/NS4906 | -/0901-269(RF Selector) | 2020/04/12 | 12 |
| RE | SCC-A2/A4/A6/A7/A8/A13/SRSE-01 | 144968 | Coaxial Cable&RF Selector | Fujikura/Fujikura/Suhner/Suhner/Suhner/TOYO | 8D2W/12DSFA/141PE/141PE/141PE/NS4906 | -/0901-269(RF Selector) | 2020/04/12 | 12 |
| RE | SCC-B1/B3/B5/B7/B8/B13/SRSE-02 | 144975 | Coaxial Cable&RF Selector | Fujikura/Fujikura/Suhner/Suhner/Suhner/TOYO | 8D2W/12DSFA/141PE/141PE/141PE/NS4906 | -/0901-270(RF Selector) | 2020/04/17 | 12 |
| RE | SCC-B2/B4/B6/B7/B8/B13/SRSE-02 | 144976 | Coaxial Cable&RF Selector | Fujikura/Fujikura/Suhner/Suhner/Suhner/TOYO | 8D2W/12DSFA/141PE/141PE/141PE/NS4906 | -/0901-270(RF Selector) | 2020/04/17 | 12 |
| RE | SCC-G05 | 145039 | Coaxial Cable | Junkosha | J12J102207-00 | APR-30-15-037 | 2020/01/31 | 12 |
| RE | SCC-G41 | 151617 | Coaxial Cable | Junkosha | MWX221-01000NFSNMS/B | 1612S006 | 2021/01/19 | 12 |
| RE | SCC-G50 | 178573 | Coaxial Cable | HUBER+SUNER | SUCOFLEX_104_E | MY13407/4E | 2020/03/09 | 12 |
| RE | SCC-G51 | 178572 | Coaxial Cable | HUBER+SUNER | SUCOFLEX 104 | 800288 /4A | 2020/03/09 | 12 |
| RE | SCC-G62 | 196985 | Coaxial Cable | HUBER+SUNER | SUCOFLEX 102 | 803650/2 | 2020/03/10 | 12 |
| RE | SHA-01 | 145383 | Horn Antenna | Schwarzbeck Mess - Elektronik | BBHA9120D | 9120D-725 | 2020/05/27 | 12 |
| RE | SHA-02 | 145384 | Horn Antenna | Schwarzbeck Mess - Elektronik | BBHA9120D | 9120D-726 | 2020/06/15 | 12 |
| RE | SJM-09 | 145336 | Measure | PROMART | SEN1935 | - | - | - |
| RE | SLA-05 | 145527 | Logperiodic Antenna | Schwarzbeck Mess - Elektronik | VUSLP9111B | 193 | 2020/04/04 | 12 |

EMI test equipment

| Test Name | Local ID | LIMS ID | Description | Manufacturer | Model | Serial | Last Calibration Date | Calibration Interval (Month) |
|-----------|----------|---------|---------------------|-------------------------------|------------|----------|-----------------------|------------------------------|
| RE | SLA-06 | 145528 | Logperiodic Antenna | Schwarzbeck Mess - Elektronik | VUSLP9111B | 195 | 2020/04/04 | 12 |
| RE | SOS-20 | 191837 | Humidity Indicator | CUSTOM. Inc | CTH-201 | - | 2020/09/28 | 12 |
| RE | SOS-21 | 191838 | Humidity Indicator | CUSTOM. Inc | CTH-201 | - | 2020/09/28 | 12 |
| RE | STR-07 | 146209 | Receiver, EMI | Rohde & Schwarz | ESU26 | 100484 | 2020/09/07 | 12 |
| RE | STS-02 | 145793 | Digital Hitester | HIOKI E.E. CORPORATION | 3805-50 | 80997819 | 2020/04/09 | 12 |

*Hyphens for Last Calibration Date and Cal Int (month) are instruments that Calibration is not required (e.g. software), or instruments checked in advance before use.

The expiration date of the calibration is the end of the expired month.

As for some calibrations performed after the tested dates, those test equipment have been controlled by means of an unbroken chains of calibrations.

All equipment is calibrated with valid calibrations. Each measurement data is traceable to the national or international standards

Test Item:

RE: Radiated emission,

AT: Antenna terminal disturbance voltage

End of Report