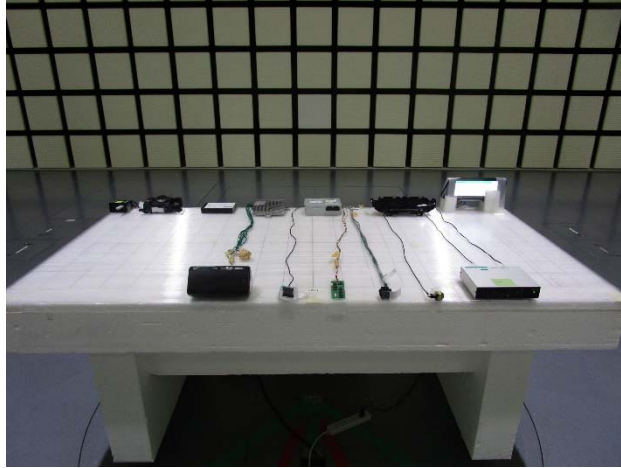


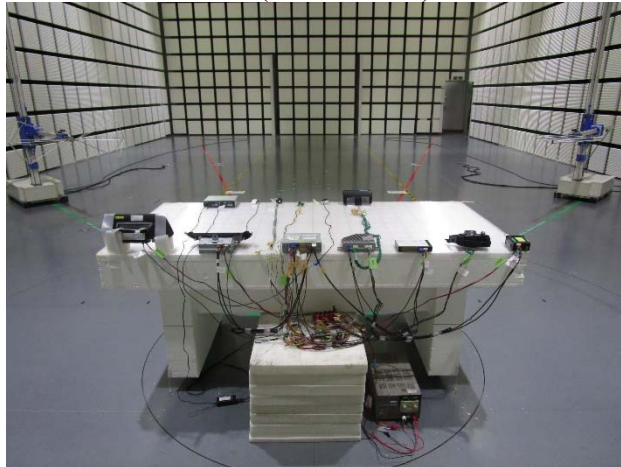
### **APPENDIX 3: Photographs of test setup**

#### **Radiated Spurious Emission**

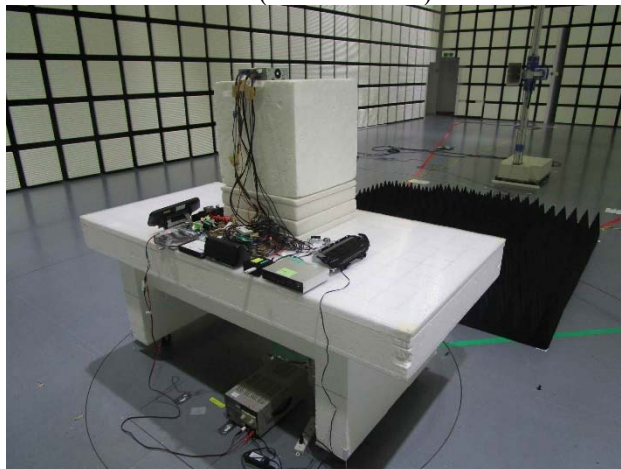
Front



Rear (Below 1 GHz)



Rear (Above 1 GHz)



### Pre-check Worst Case Position

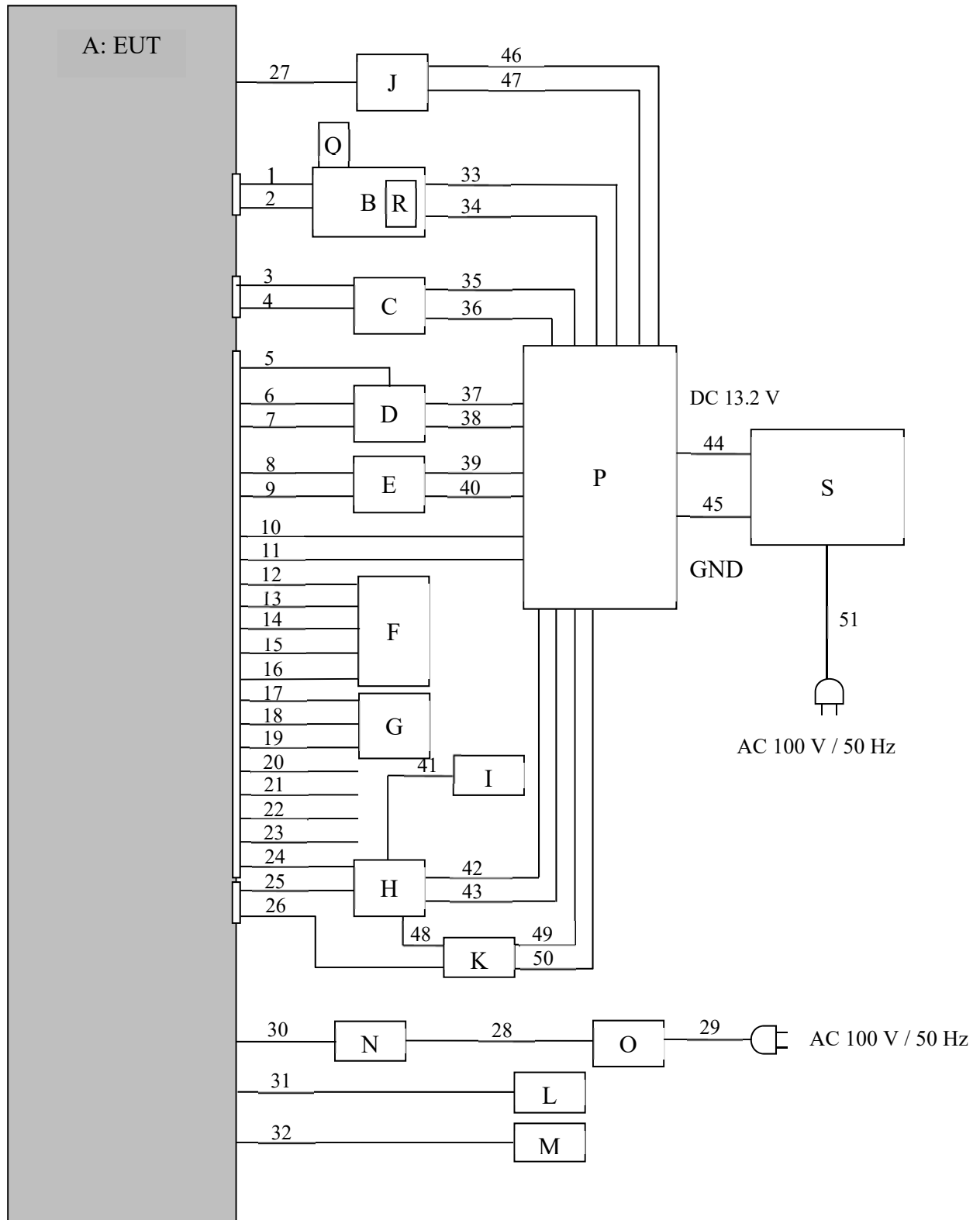
0 deg.



28 deg.



## APPENDIX 4: Configuration and peripherals



\* Cabling and setup(s) were taken into consideration and test data was taken under worse case conditions.

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#### **Description of EUT and Support equipment**

| No. | Item                                        | Model number  | Serial number      | Manufacturer                | Remarks |
|-----|---------------------------------------------|---------------|--------------------|-----------------------------|---------|
| A   | AV Control Unit for In-Vehicle Infotainment | AM1904        | CY20-CMU-VE-IS-173 | Panasonic Corporation       | EUT     |
| B   | Rear Hub                                    | MD4128/46     | CG00171211         | Huizhou Desay SV Automotive | -       |
| C   | CD Deck                                     | MD4608/46     | CG00171031         | Huizhou Desay SV Automotive | -       |
| D   | Commander                                   | BDGF 66 CM0   | SAJMC2A028AE       | ALPINE ELECTRONICS          | -       |
| E   | CAN SIM BOX                                 | TS17040-200   | 00068              | Panasonic Corporation       | -       |
| F   | Microphone                                  | BDGF 66 EM0   | 046                | MITSUMI ELECTRIC CO., LTD.  | -       |
| G   | ST-SW                                       | 7GCMU         | [S] 300            | Panasonic Corporation       | -       |
| H   | Amp                                         | BDGF-66A20    | SD-8453-25         | MITSUBISHI                  | -       |
| I   | Speaker                                     | KYOTO         | -                  | Catch Hunter                | -       |
| J   | C-Display                                   | D41S-611J0    | B90424161          | ALPINE ELECTRONICS          | -       |
| K   | RT                                          | BDMD 66 DR0   | 500106             | Panasonic Corporation       | -       |
| L   | Camera                                      | K4238         | DN237410-9990      | DENSO Corporation           | -       |
| M   | GPS Antenna                                 | KA986         | D09H66 DY0-Y01     | MITSUMI ELECTRIC CO., LTD.  | -       |
| N   | GMSL Display Box                            | GMSL-DVI-BOX2 | 00019              | -                           | -       |
| O   | AC adapter                                  | UIA324-12     | H03-0255303        | MISUMI Corporation          | -       |
| P   | Power Box                                   | ROCKI         | 069                | Panasonic Corporation       | -       |
| Q   | USB Memory                                  | USM4GU        | -                  | Sony                        | -       |
| R   | SD Card                                     | BOYO 79EZ1    | 640                | -                           | -       |
| S   | Power Supply                                | PAN35-10A     | NA000955           | KIKUSUI                     | -       |

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**List of cables used**

| No. | Name          | Length (m) | Shield     |            | Remarks |
|-----|---------------|------------|------------|------------|---------|
|     |               |            | Cable      | Connector  |         |
| 1   | Signal        | 2.0        | Shielded   | Shielded   | -       |
| 2   | Signal        | 2.0        | Shielded   | Shielded   | -       |
| 3   | Signal        | 2.0        | Shielded   | Shielded   | -       |
| 4   | Signal        | 2.0        | Shielded   | Shielded   | -       |
| 5   | PWR-CTRL      | 2.0        | Unshielded | Unshielded | -       |
| 6   | RS-485 +      | 2.0        | Unshielded | Unshielded | -       |
| 7   | RS-485 -      | 2.0        | Unshielded | Unshielded | -       |
| 8   | PBLC HS CAN + | 2.0 + 0.15 | Unshielded | Unshielded | -       |
| 9   | PBLC HS CAN - | 2.0 + 0.15 | Unshielded | Unshielded | -       |
| 10  | B+            | 2.5        | Unshielded | Unshielded | -       |
| 11  | GND           | 2.5        | Unshielded | Unshielded | -       |
| 12  | MIC PWR       | 2.0 + 1.0  | Unshielded | Unshielded | -       |
| 13  | MIC GND       | 2.0 + 1.0  | Unshielded | Unshielded | -       |
| 14  | MIC IN +      | 2.0 + 1.0  | Unshielded | Unshielded | -       |
| 15  | MIC IN -      | 2.0 + 1.0  | Unshielded | Unshielded | -       |
| 16  | MIC MODE IN   | 2.0 + 1.0  | Unshielded | Unshielded | -       |
| 17  | ST SW1        | 2.1        | Unshielded | Unshielded | -       |
| 18  | ST SW2        | 2.1        | Unshielded | Unshielded | -       |
| 19  | ST SW3        | 2.1        | Unshielded | Unshielded | -       |
| 20  | N.C (ACC)     | 2.0        | Unshielded | Unshielded | -       |
| 21  | Signal        | 2.0        | Unshielded | Unshielded | -       |
| 22  | Signal        | 2.0        | Unshielded | Unshielded | -       |
| 23  | Signal        | 2.0        | Unshielded | Unshielded | -       |
| 24  | Signal        | 2.0        | Unshielded | Unshielded | -       |
| 25  | Signal        | 2.0        | Shielded   | Shielded   | -       |
| 26  | Signal        | 2.0        | Shielded   | Shielded   | -       |
| 27  | Signal        | 2.0        | Shielded   | Shielded   | -       |
| 28  | DC            | 1.8        | Unshielded | Unshielded | -       |
| 29  | AC            | 1.7        | Unshielded | Unshielded | -       |
| 30  | GMSL          | 2.0        | Shielded   | Shielded   | -       |
| 31  | Camera        | 2.4        | Shielded   | Shielded   | -       |
| 32  | GPS Antenna   | 1.2        | Shielded   | Shielded   | -       |
| 33  | BATT          | 1.0        | Unshielded | Unshielded | -       |
| 34  | GND           | 1.0        | Unshielded | Unshielded | -       |
| 35  | BATT          | 1.0        | Unshielded | Unshielded | -       |
| 36  | GND           | 1.0        | Unshielded | Unshielded | -       |
| 37  | BATT          | 1.0        | Unshielded | Unshielded | -       |
| 38  | GND           | 1.0        | Unshielded | Unshielded | -       |
| 39  | BATT          | 0.5        | Unshielded | Unshielded | -       |
| 40  | GND           | 0.5        | Unshielded | Unshielded | -       |
| 41  | Speaker       | 1.0        | Unshielded | Unshielded | -       |
| 42  | BATT          | 1.0        | Unshielded | Unshielded | -       |
| 43  | GND           | 1.0        | Unshielded | Unshielded | -       |
| 44  | BATT          | 0.5 + 2.0  | Unshielded | Unshielded | -       |
| 45  | GND           | 0.5 + 2.0  | Unshielded | Unshielded | -       |
| 46  | BATT          | 1.0        | Unshielded | Unshielded | -       |
| 47  | GND           | 1.0        | Unshielded | Unshielded | -       |
| 48  | Signal        | 2.0        | Shielded   | Shielded   | -       |
| 49  | BATT          | 1.0        | Unshielded | Unshielded | -       |
| 50  | GND           | 1.0        | Unshielded | Unshielded | -       |
| 51  | AC            | 1.8        | Unshielded | Unshielded | -       |

**End of Report**

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