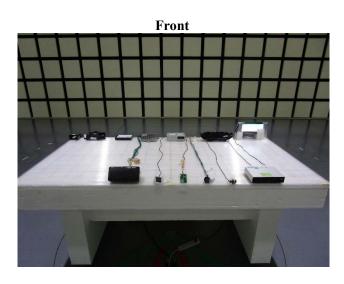
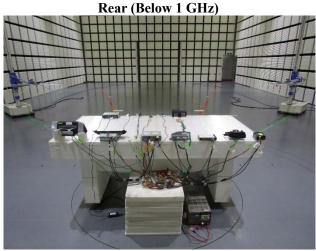
Test report No. : 12952598S-C-R1
Page : 100 of 104
Issued date : January 28, 2020
FCC ID : ACJ932AM1904

APPENDIX 3: Photographs of test setup

Radiated Spurious Emission







UL Japan, Inc. Shonan EMC Lab.

1-22-3 Megumigaoka, Hiratsuka-shi, Kanagawa-ken, 259-1220 JAPAN

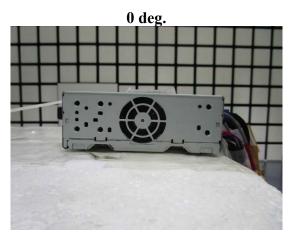
 Test report No.
 : 12952598S-C-R1

 Page
 : 101 of 104

 Issued date
 : January 28, 2020

 FCC ID
 : ACJ932AM1904

Pre-check Worst Case Position

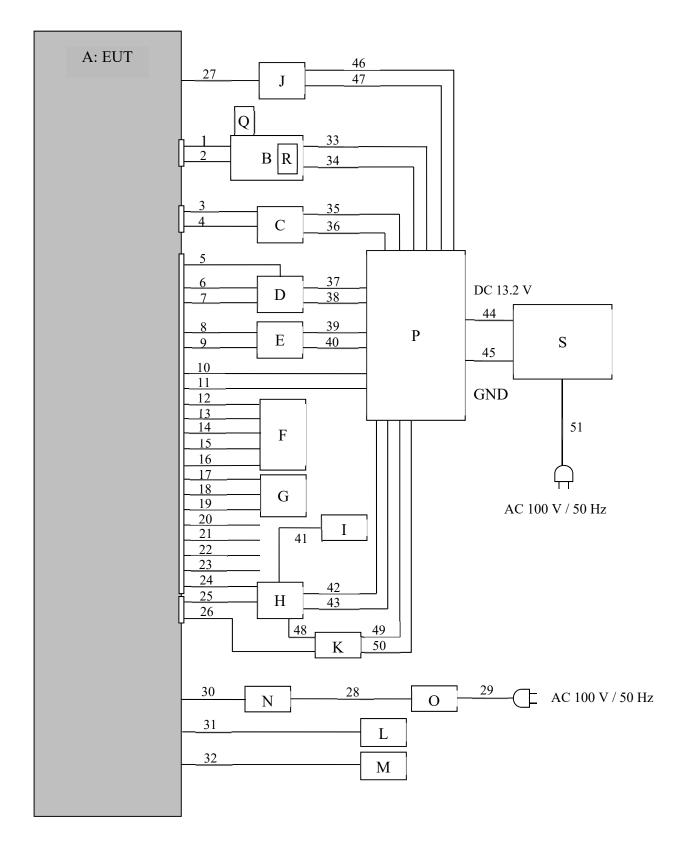




1-22-3 Megumigaoka, Hiratsuka-shi, Kanagawa-ken, 259-1220 JAPAN

Test report No. : 12952598S-C-R1
Page : 102 of 104
Issued date : January 28, 2020
FCC ID : ACJ932AM1904

APPENDIX 4: Configuration and peripherals



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

UL Japan, Inc. Shonan EMC Lab.

1-22-3 Megumigaoka, Hiratsuka-shi, Kanagawa-ken, 259-1220 JAPAN

 Test report No.
 : 12952598S-C-R1

 Page
 : 103 of 104

 Issued date
 : January 28, 2020

 FCC ID
 : ACJ932AM1904

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
В	Rear Hub	MD4128/46	CG00171211	Huizhou Desay SV Automotive	-
С	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	-
Н	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	-	-
О	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	-

1-22-3 Megumigaoka, Hiratsuka-shi, Kanagawa-ken, 259-1220 JAPAN

 Test report No.
 : 12952598S-C-R1

 Page
 : 104 of 104

 Issued date
 : January 28, 2020

 FCC ID
 : ACJ932AM1904

List of cables used

No.	Name	Length (m)	S	Shield	
			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	1-
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	1_
46	BATT	1.0	Unshielded	Unshielded	-
47	GND	1.0	Unshielded	Unshielded	1-
48	Signal	2.0	Shielded	Shielded	-
49	BATT	1.0	Unshielded	Unshielded	-
50	GND	1.0	Unshielded	Unshielded	-
50	AC	1.8	Unshielded	Unshielded	ļ -

End of Report

UL Japan, Inc. Shonan EMC Lab.

1-22-3 Megumigaoka, Hiratsuka-shi, Kanagawa-ken, 259-1220 JAPAN