

APPENDIX 3: Photographs of test setup

Radiated Emission
Sedan type (YEP0FX1515)

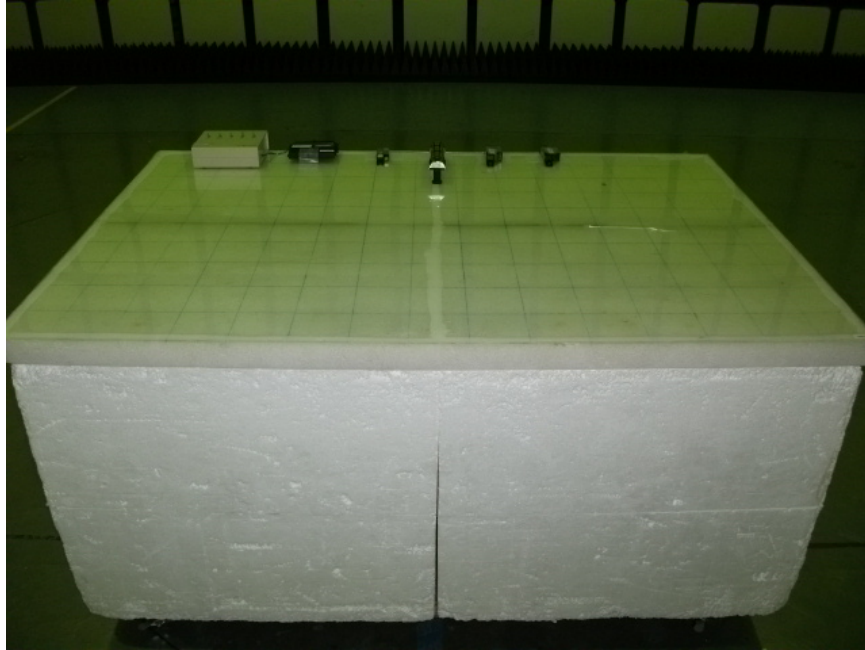


Photo 1

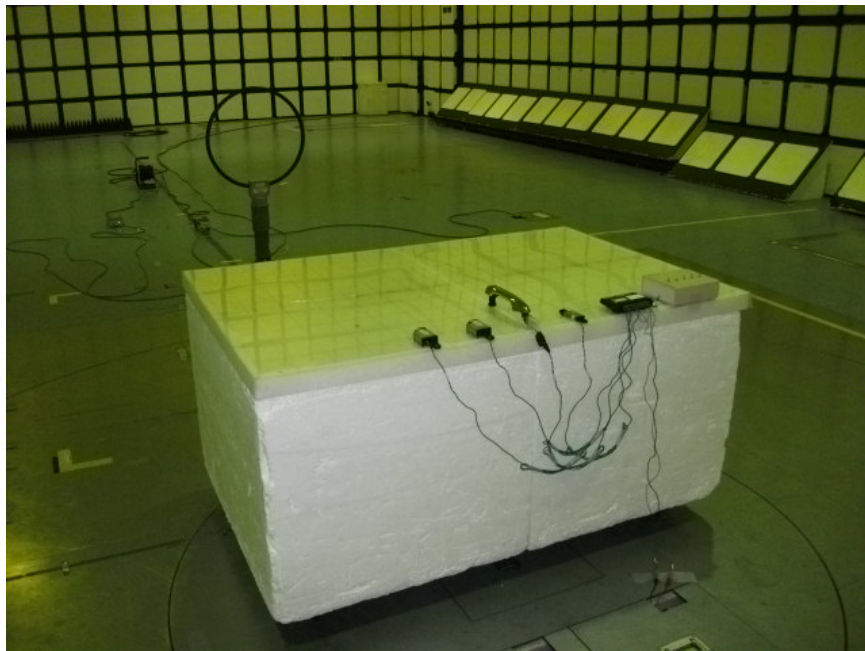


Photo 2

Radiated Emission
Wagon type (YEP0FX1518)



Photo 1

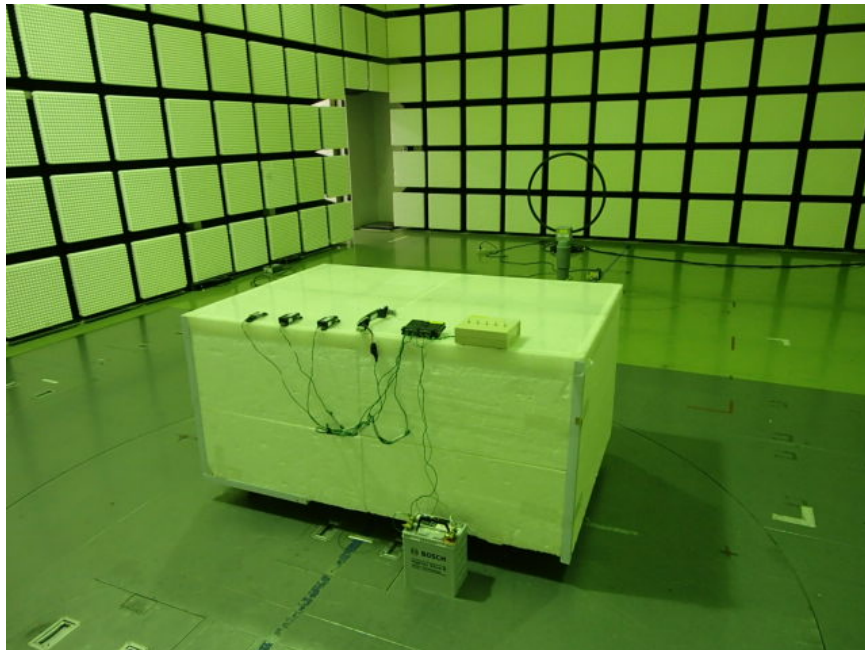


Photo 2

Worst Case Position
SMART ECU (Sedan Type (YEP0FX1515))

Below 30MHz	X-axis
Above 30MHz	Horizontal: X-axis / Vertical: X-axis (With FRDR Antenna) Horizontal: X-axis / Vertical: X-axis (With TR Antenna) Horizontal: X-axis / Vertical: X-axis (With M/TI Antenna) Horizontal: X-axis / Vertical: X-axis (With F Antenna)

X-axis



Y-axis



Z-axis



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Worst Case Position
SMART ECU (Wagon Type(YEP0FX1518))

Below 30MHz	X-axis
Above 30MHz	Horizontal: X-axis / Vertical: X-axis (With FRDR Antenna) Horizontal: X-axis / Vertical: X-axis (With R Antenna)

X-axis



Y-axis



Z-axis



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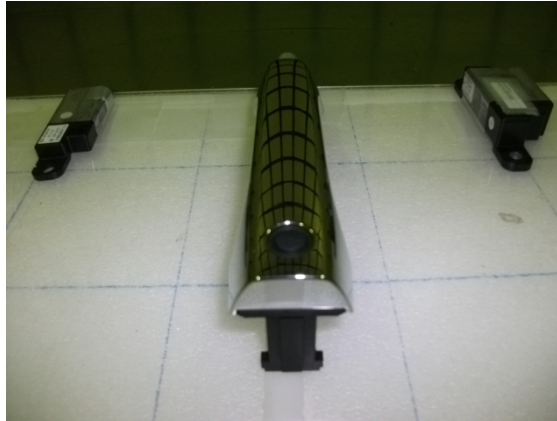
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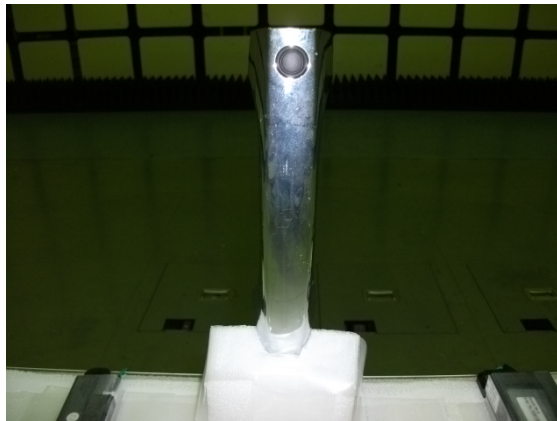
Worst Case Position
FRDR Antenna

Sedan type (YEP0FX1515)	Below 30MHz	Z-axis
	Above 30MHz	Horizontal: X-axis / Vertical: X-axis
Wagon type (YEP0FX1518)	Below 30MHz	X-axis
	Above 30MHz	Horizontal: X-axis / Vertical: X-axis

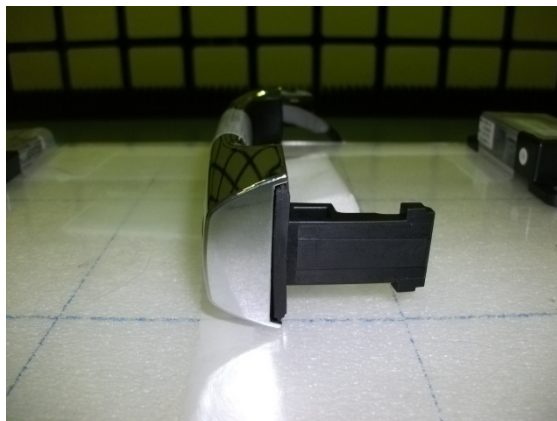
X-axis



Y-axis



Z-axis



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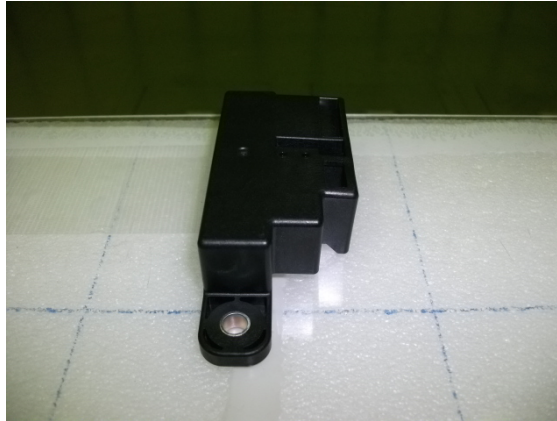
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Worst Case Position
TR Antenna / M/TI Antenna

TR Antenna	Below 30MHz	Z-axis
	Above 30MHz	Horizontal: X-axis / Vertical: X-axis
M/TI Antenna	Below 30MHz	X-axis
	Above 30MHz	Horizontal: X-axis / Vertical: X-axis

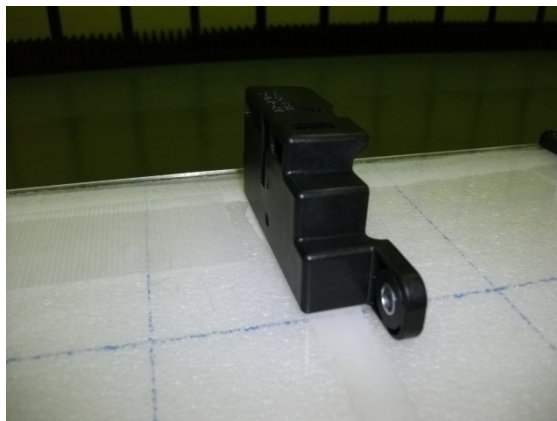
X-axis



Y-axis



Z-axis

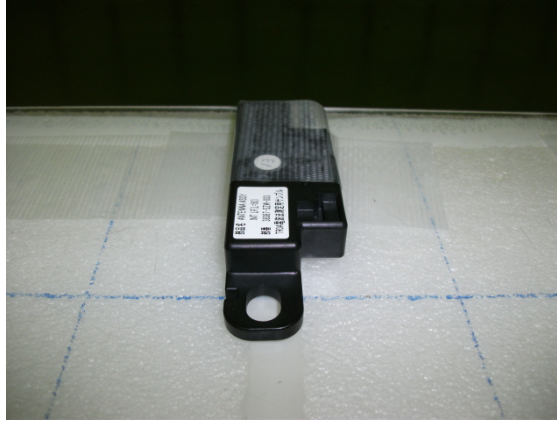


Worst Case Position

F Antenna

Below 30MHz	X-axis
Above 30MHz	Horizontal: X-axis / Vertical: X-axis

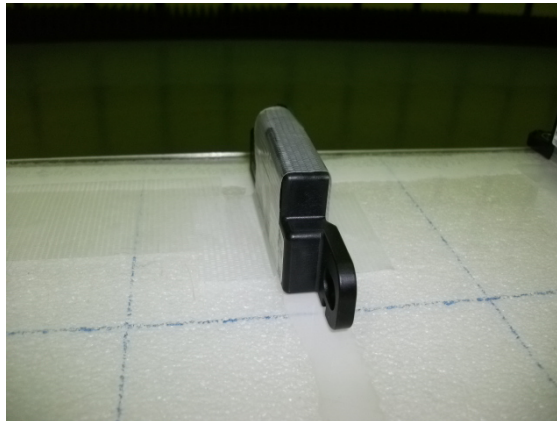
X-axis



Y-axis



Z-axis



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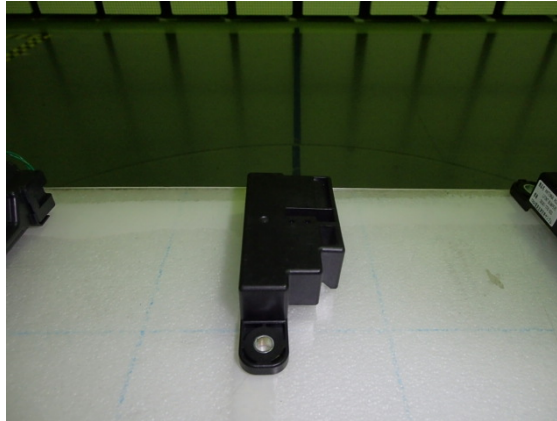
Facsimile : +81 596 24 8124

Worst Case Position

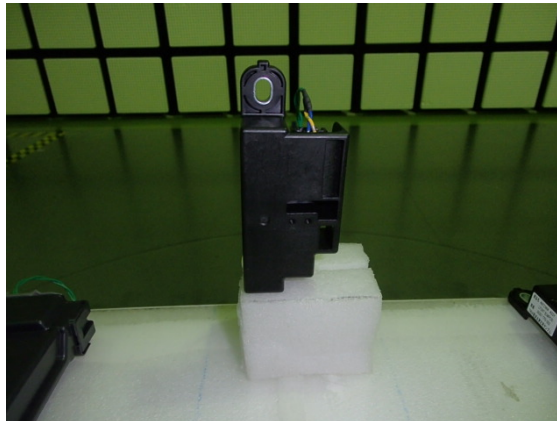
R Antenna

Below 30MHz	Z-axis
Above 30MHz	Horizontal: X-axis / Vertical: X-axis

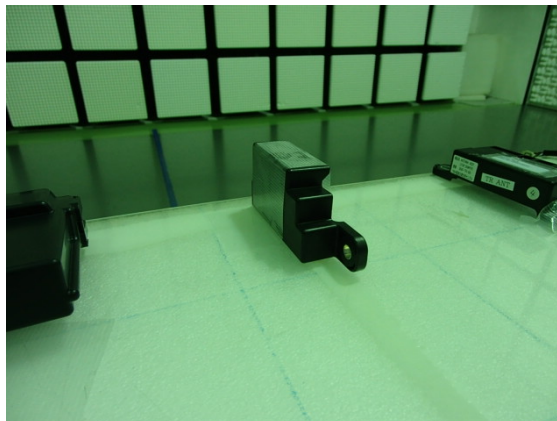
X-axis



Y-axis



Z-axis



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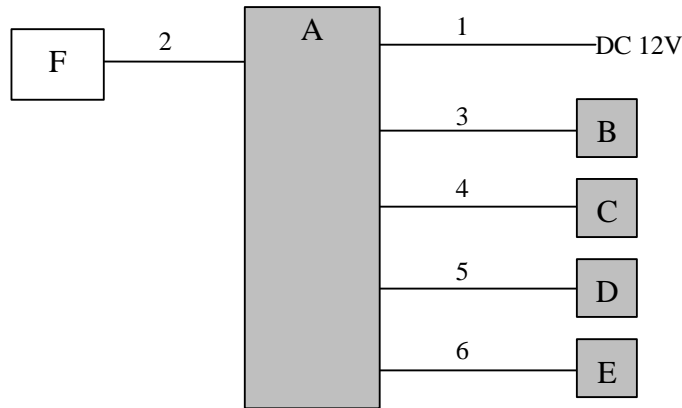
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4.2 Configuration and peripherals



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

Description of EUT and Support equipment

No.	Item	Model number	Serial number	Manufacturer	Remarks
A	SMART ECU	YEP0FX1515	001	Panasonic Corporation	EUT
		YEP0FX1518	001		
B	FRDR Antenna	TR0-7B000-000	L14	Panasonic Corporation	EUT
		TV0-7B000-000	1		
C	TR Antenna	38387-TF0-003	16	Panasonic Corporation	EUT
D	M/TI Antenna	38387-TF0-003	12	Panasonic Corporation	EUT
E	F Antenna *1)	38387-SZW-003	13	Panasonic Corporation	EUT
	R Antenna *2)	38387-SLE-003	32		
F	Switch Jig	-	-	Panasonic Corporation	-

*1) Used for ECU: YEP0FX1515

*2) Used for ECU: YEP0FX1518

List of cables used

No.	Name	Length (m)	Shield		Remarks
			Cable	Connector	
1	DC Cable	1.2	Unshielded	Unshielded	-
2	Signal Cable	0.8	Unshielded	Unshielded	-
3	Antenna Cable	1.0	Unshielded	Unshielded	-
4	Antenna Cable	1.0	Unshielded	Unshielded	-
5	Antenna Cable	1.0	Unshielded	Unshielded	-
6	Antenna Cable	1.0	Unshielded	Unshielded	-

End of Report

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