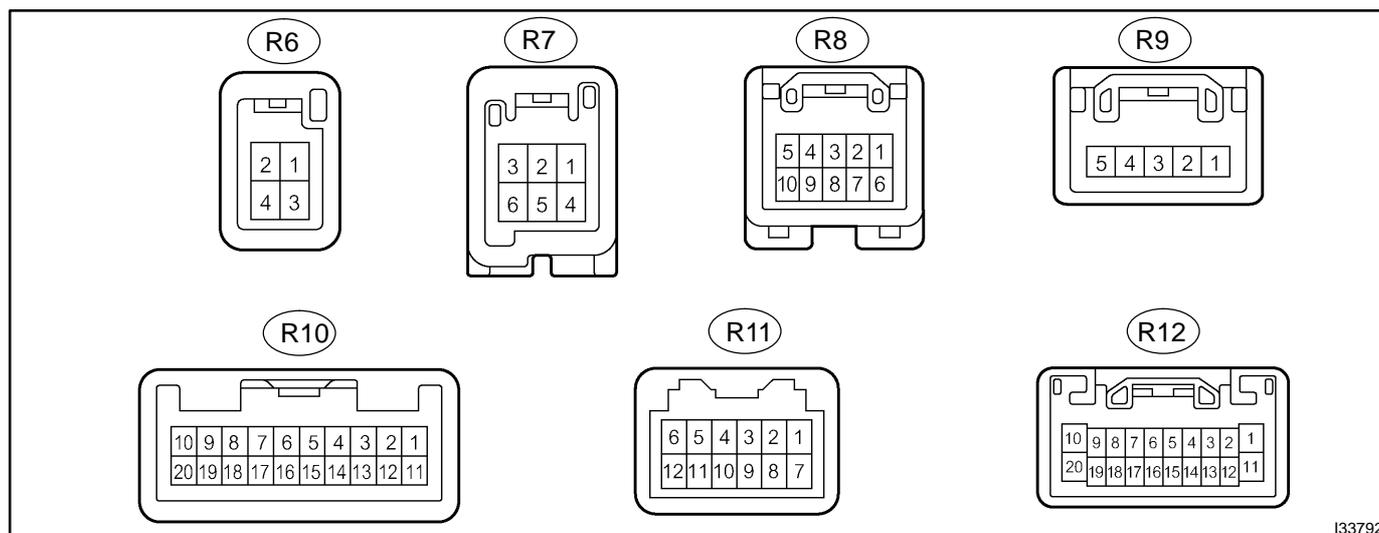


TERMINALS OF ECU

1. RADIO RECEIVER ASSY



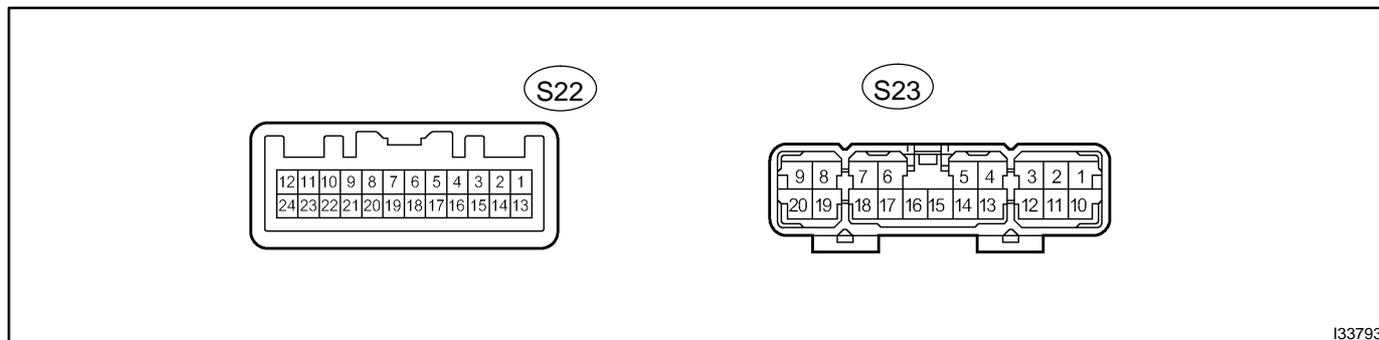
I33792

Terminal No. (Symbols)	Wiring Color	Condition	Specifeid condition
GND ⇔ Body ground (R6-4 ⇔ Body ground)	W ⇔ Body ground	Constant	Below 1V
+B ⇔ GND (R12-1 ⇔ R12-20)	L-Y ⇔ BR	Constant	10 - 14V
ILL+ ⇔ GND (R12-2 ⇔ R12-20)	G ⇔ BR	Light control switch TAIL or HEAD	10 - 14V
TX+ ⇔ - (R12-5 ⇔ -)	B ⇔ -	See "Service Check Mode"	-
MUTE ⇔ GND (R12-7 ⇔ R12-20)	W-R ⇔ BR	Radio switch is ON	3.5V or more
R+ ⇔ GND (R12-8 ⇔ R12-20)	B ⇔ BR	Audio system is sounding	A waveform synchronized with sounds is output
L+ ⇔ GND (R12-9 ⇔ R12-20)	R ⇔ BR	Audio system is sounding	A waveform synchronized with sounds is output
SGND ⇔ Body ground (R12-10 ⇔ Body ground)	Shielded ⇔ Body ground	Constant	Below 1V
ACC ⇔ GND (R12-11 ⇔ R12-20)	GR ⇔ BR	Ignition switch OFF	Below 1V
		Ignition switch ACC or ON	10 - 14V
ILL- ⇔ GND (R12-12 ⇔ R12-20)	W-G ⇔ BR	Light control switch ON	10 - 14V
ANT ⇔ GND (R12-13 ⇔ R12-20)	B ⇔ BR	Radio switch is ON	10 - 14V
TX- ⇔ - (R12-15 ⇔ -)	W ⇔ -	See "Service Check Mode"	-
R- ⇔ GND (R12-18 ⇔ R12-20)	W ⇔ BR	Audio system is sounding	A waveform synchronized with sounds is output
L- ⇔ GND (R12-19 ⇔ R12-20)	G ⇔ BR	Audio system is sounding	A waveform synchronized with sounds is output
GND ⇔ Body ground (R12-20 ⇔ Body ground)	BR ⇔ Body ground	Constant	Below 1V
PKB ⇔ GND (R9-1 ⇔ R12-20)	LG ⇔ BR	See "Vehicle Signal Check Mode"	-

SPD ⇔ GND (R9-3 ⇔ R12-20)	V-R ⇔ BR	See "Vehicle Signal Check Mode"	-
REV ⇔ - (R9-5 ⇔ -)	R-Y ⇔ -	See "Vehicle Signal Check Mode"	-
VR ⇔ GND (R8-1 ⇔ R12-20)	Y ⇔ BR	Ignition switch OFF	Below 1 V
R ⇔ GND (R8-2 ⇔ R12-20)	B ⇔ BR	Navigation switch is switched	Pulse generation *1
B ⇔ GND (R8-3 ⇔ R12-20)	R ⇔ BR	Navigation switch is switched	Pulse generation *1
TX+ ⇔ - (R8-5 ⇔ -)	R ⇔ -	See "Service Check Mode"	-
VG ⇔ Body ground (R8-6 ⇔ Body ground)	Shielded ⇔ Body ground	Constant	Continuity
G ⇔ GND (R8-7 ⇔ R12-20)	W ⇔ BR	Navigation switch is switched	Pulse generation *1
SYNC ⇔ GND (R8-8 ⇔ R12-20)	G ⇔ BR	Navigation switch is switched	Pulse generation *2
TX- ⇔ - (R8-10 ⇔ -)	G ⇔ -	See "Service Check Mode"	-
GND ⇔ Body ground (R10-6 ⇔ Body ground)	W-R ⇔ Body ground	Constant	Below 1V
SLD1 ⇔ Body ground (R10-14 ⇔ Body ground)	Shielded ⇔ Body ground	Constant	Continuity
R+ ⇔ GND (R10-15 ⇔ R12-20)	B ⇔ BR	Audio system is sounding (Rear Seat Audio System)	A waveform synchronized with sounds is output
L+ ⇔ GND (R10-17 ⇔ R12-20)	W ⇔ BR	Audio system is sounding (Rear Seat Audio System)	A waveform synchronized with sounds is output
R- ⇔ GND (R10-16 ⇔ R12-20)	R ⇔ BR	Audio system is sounding (Rear Seat Audio System)	A waveform synchronized with sounds is output
L- ⇔ GND (R10-18 ⇔ R12-20)	G ⇔ BR	Audio system is sounding (Rear Seat Audio System)	A waveform synchronized with sounds is output
RMU ⇔ GND (R10-19 ⇔ R12-20)	V ⇔ BR	Radio switch is ON (Rear Seat Audio System)	3.5V or more
SLD ⇔ Body ground (R11-1 ⇔ Body ground)	Shielded ⇔ Body ground	Constant	Continuity
R+ ⇔ GND (R11-2 ⇔ R12-20)	B ⇔ BR	Audio system is sounding	A waveform synchronized with sounds is output
R- ⇔ GND (R11-3 ⇔ R12-20)	W ⇔ BR	Audio system is sounding	A waveform synchronized with sounds is output
L+ ⇔ GND (R11-4 ⇔ R12-20)	R ⇔ BR	Audio system is sounding	A waveform synchronized with sounds is output
L- ⇔ GND (R11-5 ⇔ R12-20)	G ⇔ BR	Audio system is sounding	A waveform synchronized with sounds is output
MUTE ⇔ GND (R11-6 ⇔ R12-20)	P ⇔ BR	Radio switch is ON	3.5V or more

TX+ ↔ - (R11-9 ↔ -)	R ↔ -	See "Service Check Mode"	-
TX- ↔ - (R11-10 ↔ -)	G ↔ -	See "Service Check Mode"	-

2. STEREO COMPONENT AMPLIFIER ASSY

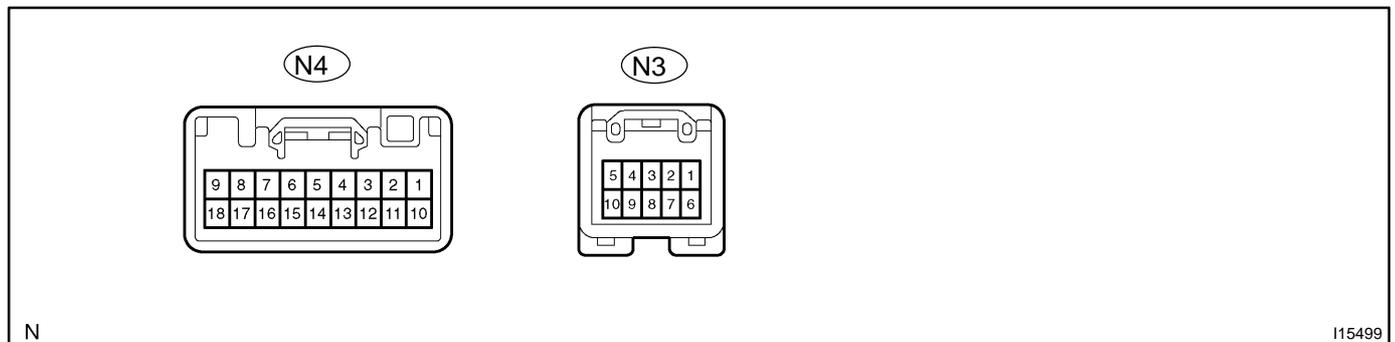


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Terminal No. (Symbols)	Wiring Color	Condition	Specifeid condition
S22-1 ↔ S23-15 (MUTE ↔ GND)	W-R ↔ BR	Audio system is sounding	3.5V or more
S22-2 ↔ S23-15 (L- ↔ GND)	G ↔ BR	Audio system is sounding	A waveform synchro- nized with sounds is output
S22-3 ↔ S23-15 (L+ ↔ GND)	R ↔ BR	Audio system is sounding	A waveform synchro- nized with sounds is output
S22-4 ↔ S23-15 (R- ↔ GND)	W ↔ BR	Audio system is sounding	A waveform synchro- nized with sounds is output
S22-5 ↔ S23-15 (R+ ↔ GND)	B ↔ BR	Audio system is sounding	A waveform synchro- nized with sounds is output
S22-7 (TX-)	W	See "Service Check Mode"	-
S22-8 (TX+)	B	See "Service Check Mode"	-
S22-12 ↔ S23-15 (ACC ↔ GND)	GR ↔ BR	Ignition switch OFF	Below 1 V
		Ignition switch ACC or ON	10 - 14 V
S23-1 ↔ S23-15 (+B ↔ GND)	W-L ↔ BR	Constant	10 - 14V
S23-3 ↔ S23-15 (CSP+ ↔ GND)	G ↔ BR	Audio system is sounding	A waveform synchro- nized with sounds is output
S23-4 ↔ S23-15 (RL+ ↔ GND)	B ↔ BR	Audio system is sounding	A waveform synchro- nized with sounds is output
S23-5 ↔ S23-15 (RR+ ↔ GND)	R ↔ BR	Audio system is sounding	A waveform synchro- nized with sounds is output
S23-6 ↔ S23-15 (FL+ ↔ GND)	P ↔ BR	Audio system is sounding	A waveform synchro- nized with sounds is output
S23-7 ↔ S23-15 (FR+ ↔ GND)	LG ↔ BR	Audio system is sounding	A waveform synchro- nized with sounds is output
S23-8 ↔ S23-15 (WFL+ ↔ GND)	BR ↔ BR	Audio system is sounding	A waveform synchro- nized with sounds is output

S23-9 ⇔ S23-15 (WFR+⇔ GND)	L-B ⇔ BR	Audio system is sounding	A waveform synchronized with sounds is output
S23-10 ⇔ S23-15 (+B2⇔ GND)	W-L ⇔ BR	Constant	10 - 14V
S23-12 ⇔ S23-15 (CSP- ⇔ GND)	G-B ⇔ BR	Audio system is sounding	A waveform synchronized with sounds is output
S23-13 ⇔ S23-15 (RL- ⇔ GND)	Y ⇔ BR	Audio system is sounding	A waveform synchronized with sounds is output
S23-4 ⇔ S23-15 (RR- ⇔ GND)	W ⇔ BR	Audio system is sounding	A waveform synchronized with sounds is output
S23-15 ⇔ Body ground (GND ⇔ Body ground)	BR ⇔ Body ground	Constant	Below 1V
S23-16 ⇔ Body ground (E ⇔ Body ground)	BR ⇔ Body ground	Constant	Below 1V
S23-17 ⇔ S23-15 (FL- ⇔ GND)	V ⇔ BR	Audio system is sounding	A waveform synchronized with sounds is output
S23-18 ⇔ S23-15 (FR- ⇔ GND)	L ⇔ BR	Audio system is sounding	A waveform synchronized with sounds is output
S23-19 ⇔ S23-15 (WFL- ⇔ GND)	G-W ⇔ BR	Audio system is sounding	A waveform synchronized with sounds is output
S23-20 ⇔ S23-15 (WFR- ⇔ GND)	L-R ⇔ BR	Audio system is sounding	A waveform synchronized with sounds is output

3. NAVIGATION ECU

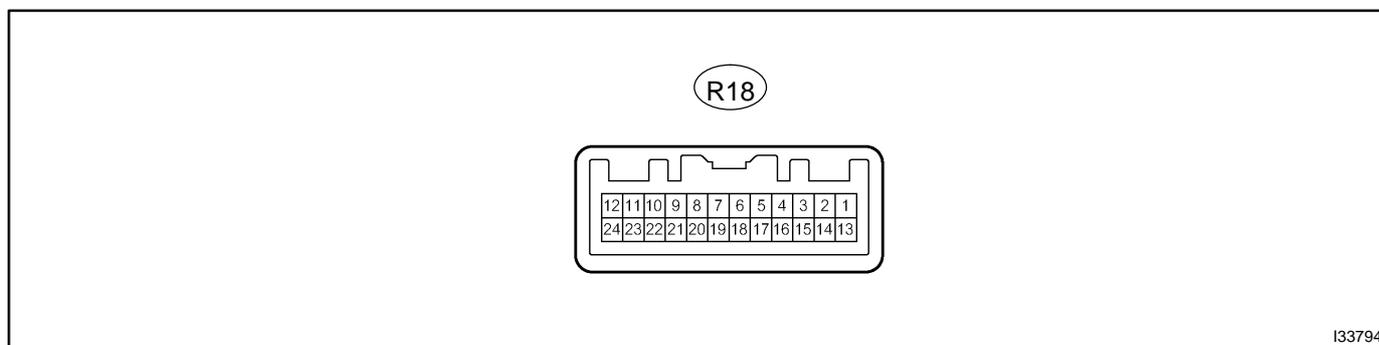


Symbols (Terminals No.)	Wiring Color	Condition	Specifeid condition
AUI+ ⇔ GND (N4-1 ⇔ N4-17)	LG ⇔BR	Audio system is sounding	A waveform synchronized with sounds is output
AUO+ ⇔ GND (N4-2 ⇔ N4-17)	LG ⇔BR	Sound quality test	-
SPD ⇔ GND (N4-5 ⇔ N4-17)	V-R ⇔ BR	See "Vehicle Signal Check Mode"	-
+B ⇔GND (N4-9 ⇔ N4-17)	L-Y ⇔ BR	Constant	10 - 14 V
AUI- ⇔ GND (N4-10 ⇔ N4-17)	L ⇔ BR	Audio system is sounding	A waveform synchronized with sounds is output

DIAGNOSTICS - NAVIGATION SYSTEM

AUO- ↔ - (N4-11 ↔ -)	L ↔ -	Sound quality test	-
REV ↔ - (N4-14 ↔ -)	R-Y ↔ -	See "Vehicle Signal Check Mode"	-
MUTE ↔ GND (N4-15 ↔ N4-17)	V-W ↔ BR	Navigation voice sounding	Below 1 V
GND ↔ Body ground (N4-17 ↔ Body ground)	BR ↔ Body ground	Constant	Below 1 V
ACC ↔ GND (N4-18 ↔ N4-17)	GR ↔ BR	Ignition switch OFF	Below 1 V
		Ignition switch ACC or ON	10 - 14 V
VR ↔ VG (N3-1 ↔ N3-6)	Y ↔ Shielded	Ignition switch OFF	Below 1 V
R ↔ VG (N3-2 ↔ N3-6)	B ↔ Shielded	Navigation map is switched	Pulse generation *1
B ↔ VG (N3-3 ↔ N3-6)	R ↔ Shielded	Navigation map is switched	Pulse generation *1
TX+ ↔ - (N3-5 ↔ -)	R ↔ -	See "Service Check Mode"	-
VG ↔ GND (N3-6 ↔ N4-17)	Shielded ↔ BR	Ignition switch OFF	Below 1 V
G ↔ VG (N3-7 ↔ N3-6)	W ↔ Shielded	Navigation map is switched	Pulse generation *1
SYNC ↔ VG (N3-8 ↔ N3-6)	G ↔ Shielded	Navigation display is displayed	Pulse generation *2
TX- ↔ - (N3-10 ↔ -)	G ↔ -	See "Service Check Mode"	-

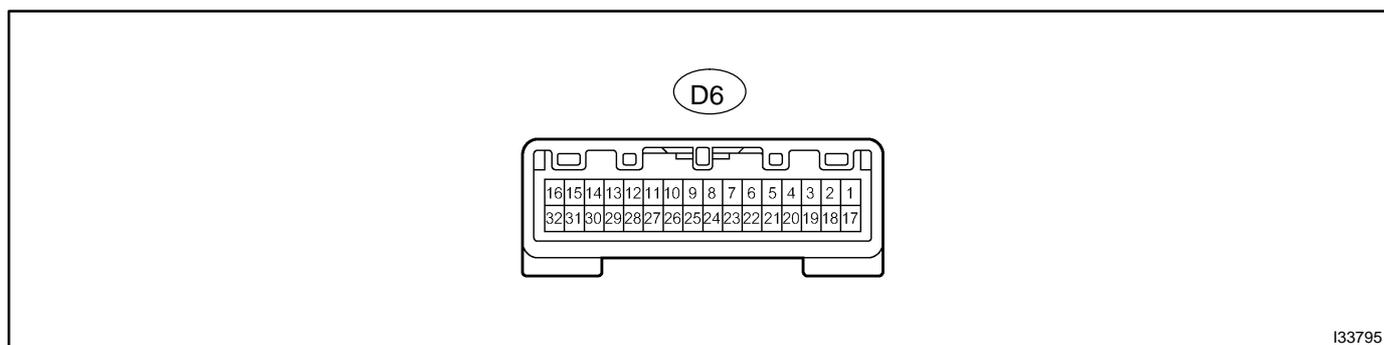
4. STEREO COMPONENT CONTROLLER ASSY



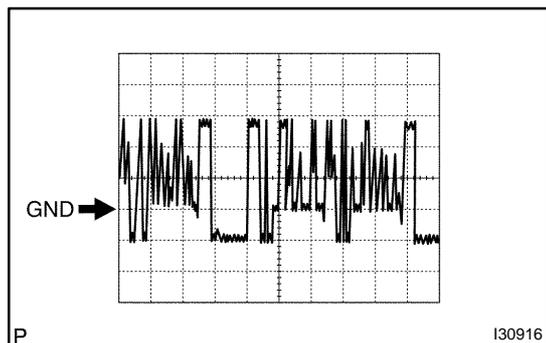
Terminal No. (Symbols)	Wiring Color	Condition	Specified condition
R18-21 ↔ R18-17 (MUTE ↔ GND)	LG ↔ LG	Radio switch is ON	3.5V or more
R18-22 (TX+)	LG	See "Service check mode"	-
R18-23 (TX-)	W	See "Service check mode"	-
R18-12 ↔ R18-17 (+B ↔ GND)	LG ↔ LG	Constant	10 - 14V
R18-24 ↔ R18-17 (ACC ↔ GND)	LG ↔ LG	Ignition switch OFF	Below 1V
		Ignition switch ACC or ON	10 - 14V
R18-17 ↔ Body ground (GND ↔ Body ground)	LG ↔ Body ground	Constant	Below 1V
R18-9 ↔ R18-17 (RSR+ ↔ GND)	W ↔ LG	Audio system is sounding	A waveform synchronized with sounds is output

R18-8 ⇔ R18-17 (RSR- ⇔ GND)	W ⇔ LG	Audio system is sounding	A waveform synchronized with sounds is output
R18-7 ⇔ R18-17 (RSL+ ⇔ GND)	W ⇔ LG	Audio system is sounding	A waveform synchronized with sounds is output
R18-6 ⇔ R18-17 (RSL- ⇔ GND)	W ⇔ LG	Audio system is sounding	A waveform synchronized with sounds is output

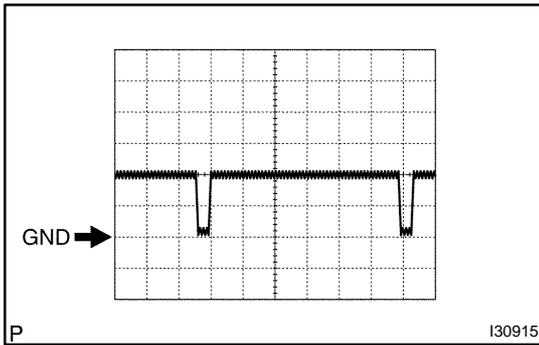
5. DISK PLAYER ASSY:



Terminal No. (Symbols)	Wiring Color	Condition	Specifeid condition
D6-16 ⇔ D6-28 (MUTE ⇔ GND)	P-B ⇔ W-B	Navigation voice sounding	3.5V or more
D6-15 ⇔ D6-28 (L- ⇔ GND)	G ⇔ W-B	Audio system is sounding	A waveform synchronized with sounds is output
D6-14 ⇔ D6-28 (L+ ⇔ GND)	R ⇔ W-B	Audio system is sounding	A waveform synchronized with sounds is output
D6-13 ⇔ D6-28 (R- ⇔ GND)	W ⇔ W-B	Audio system is sounding	A waveform synchronized with sounds is output
D6-12 ⇔ D6-28 (R+ ⇔ GND)	B ⇔ W-B	Audio system is sounding	A waveform synchronized with sounds is output
D6-11 ⇔ D6-28 (SLD ⇔ GND)	Shielded ⇔ W-B	Ignition switch OFF	Below 1 V
D6-32 ⇔ D6-28 (+B ⇔ GND)	L-Y ⇔ W-B	Constant	10 - 14V
D6-31 ⇔ D6-28 (ACC ⇔ GND)	GR ⇔ W-B	Ignition switch OFF	Below 1 V
		Ignition switch ACC or ON	10 - 14 V
D6-30 (TX1-)	LG	See "Service Check Mode"	-
D6-29 (TX1+)	L	See "Service Check Mode"	-



*1: Oscilloscope wave
 Terminal to be measured: R, G, B - GND
 Setting for measurement: 200 mV/DIV 10 μs/DIV
 Condition: Navigation map is switched.



*2: Oscilloscope wave

Terminal to be measured: SYNC - GND

Setting for measurement: 500 mV/DIV 10 μ s/DIV

Condition: Navigation display is displayed.