Co-location Report

FCC ID:	2ATRW-A7B10
APPLICANT:	Qingdao Pico Technology Co., Ltd.
Application Type:	Certification
Product:	VR All-In-One Headset
Model No.:	A7B10
Brand Name:	Pico
FCC Rule Part(s):	Part15 Subpart C (Section 15.247) Part15 Subpart E (Section 15.407)
Test Date:	July 31, 2019 ~ September 10, 2019

Reviewed By: (Jame Yuan)

Approved By: (Robin Wu)

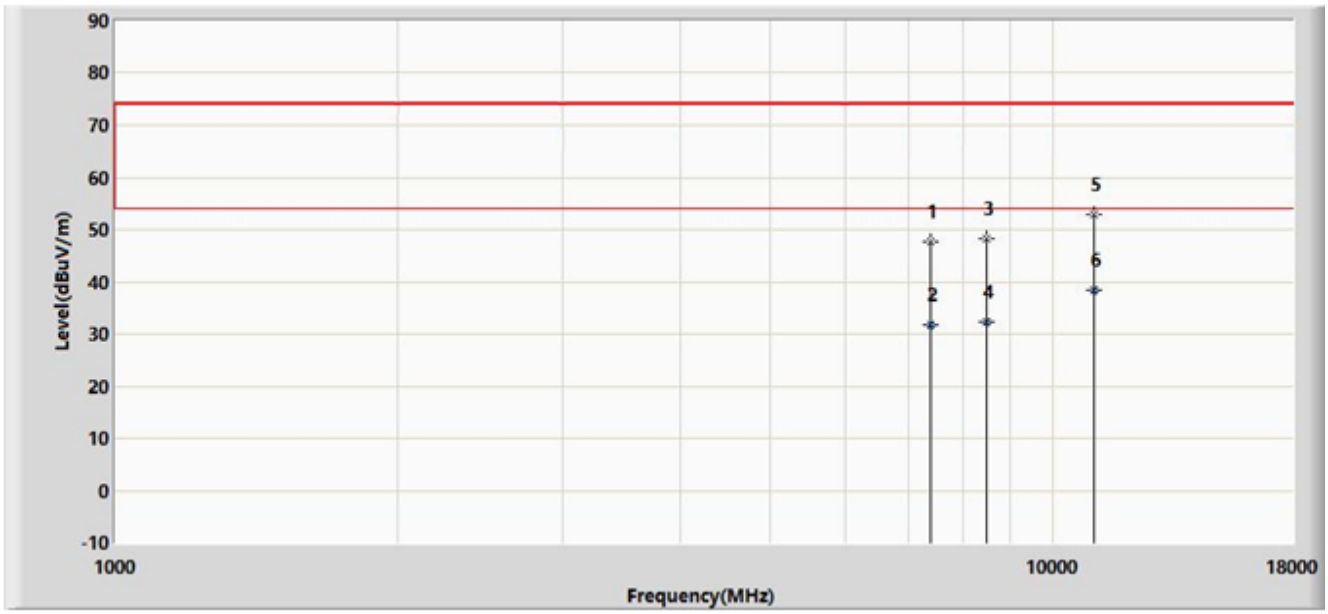
The test results relate only to the samples tested.
This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in ANSI C63.4-2013. Test results reported herein relate only to the item(s) tested.
The test report shall not be reproduced except in full without the written approval of MRT Technology (Suzhou) Co., Ltd.

Revision History

Report No.	Version	Description	Issue Date	Note
1907RSU061-U8	Rev. 01	Initial Report	09-11-2019	Valid

1. TEST RESULT of Radiated Emissions for Co-located

Test Mode:	2.4GHz Wi-Fi + Nordic BLE Transmit	Test Site:	AC1
Test Engineer:	Jason Gao	Polarity:	Horizontal
Remark:	There is the ambient noise within frequency range 9kHz~30MHz and 18GHz~40GHz, the permissible value is not show in the report.		



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			7409.000	47.689	35.964	-26.311	74.000	11.725	PK
2			7409.500	31.848	20.118	-22.152	54.000	11.730	AV
3			8480.000	48.168	35.645	-25.832	74.000	12.523	PK
4			8480.300	32.459	19.936	-21.541	54.000	12.524	AV
5			11038.500	52.943	35.159	-21.057	74.000	17.784	PK
6		*	11038.700	38.368	20.586	-15.632	54.000	17.782	AV

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

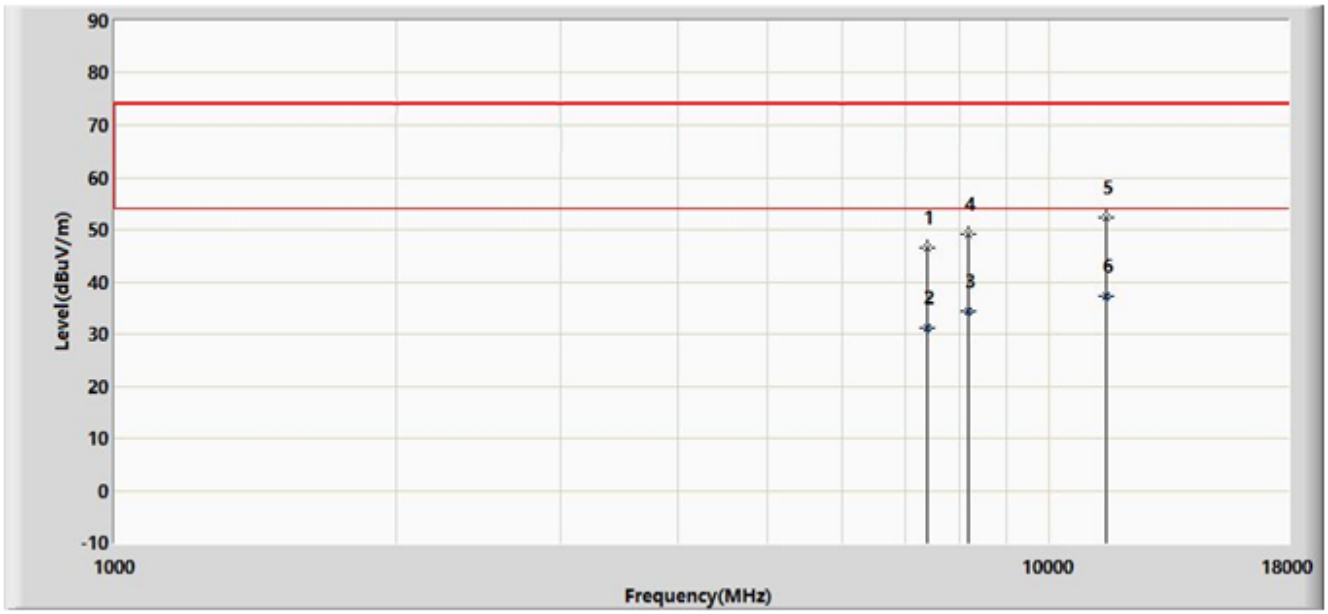
Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Note 2: We selected the 2.4GHz worst-case mode of radiated spurious emissions in the DTS reports.

Note 3: 2.4GHz Wi-Fi 802.11g Channel 2412MHz Power setting = 15.

Nordic Bluetooth LE channel 2402MHz Default Power setting.

Test Mode:	2.4GHz Wi-Fi + Nordic BLE Transmit	Test Site:	AC1
Test Engineer:	Jason Gao	Polarity:	Vertical
Remark:	There is the ambient noise within frequency range 9kHz~30MHz and 18GHz~40GHz, the permissible value is not show in the report.		



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			7400.500	46.618	34.904	-27.382	74.000	11.714	PK
2			7400.800	31.062	19.348	-22.938	54.000	11.714	AV
3			8189.200	34.426	21.946	-19.574	54.000	12.479	AV
4			8191.000	49.177	36.686	-24.823	74.000	12.491	PK
5			11497.500	52.304	34.664	-21.696	74.000	17.640	PK
6		*	11497.600	37.228	19.588	-16.772	54.000	17.639	AV

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

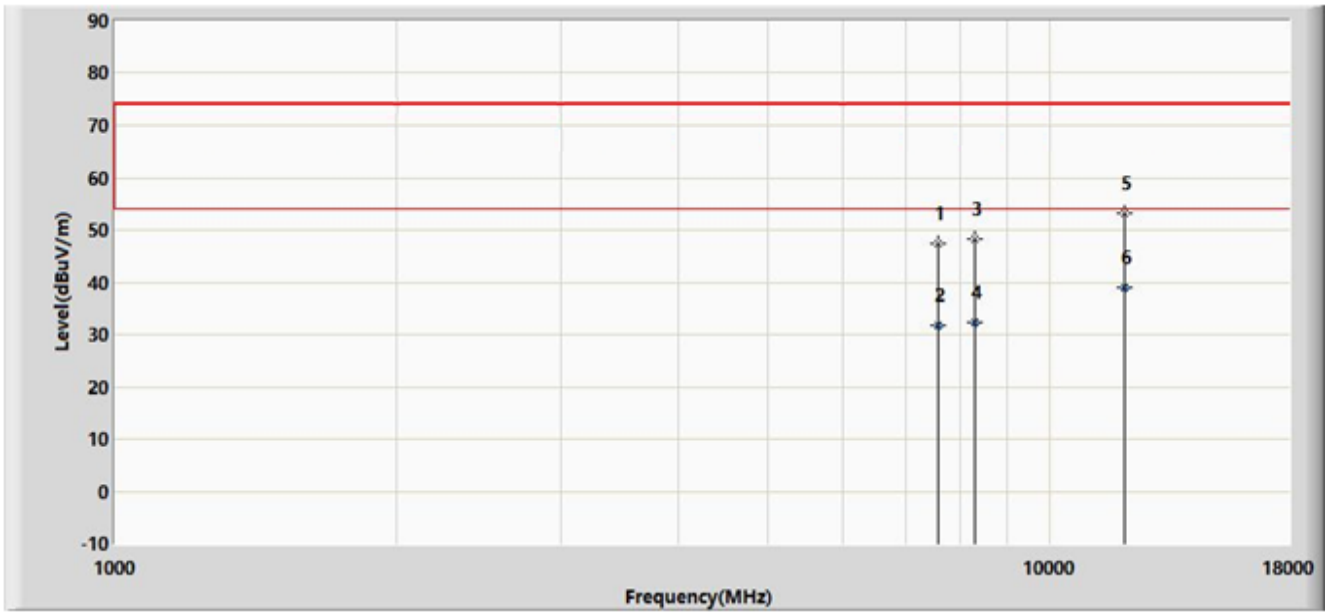
Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Note 2: We selected the 2.4GHz worst-case mode of radiated spurious emissions in the DTS reports.

Note 3: 2.4GHz Wi-Fi 802.11g Channel 2412MHz Power setting = 15;

Nordic Bluetooth LE channel 2402MHz Default Power setting.

Test Mode:	5GHz Wi-Fi + Nordic BLE Transmit	Test Site:	AC1
Test Engineer:	Jason Gao	Polarity:	Horizontal
Remark:	There is the ambient noise within frequency range 9kHz~30MHz and 18GHz~40GHz, the permissible value is not show in the report.		



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			7587.500	47.438	35.682	-26.562	74.000	11.756	PK
2			7587.700	31.689	19.933	-22.311	54.000	11.755	AV
3			8310.000	48.232	35.881	-25.768	74.000	12.351	PK
4			8310.100	32.354	20.004	-21.646	54.000	12.350	AV
5			11999.000	53.207	36.310	-20.793	74.000	16.897	PK
6		*	11999.300	38.940	22.044	-15.060	54.000	16.896	AV

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

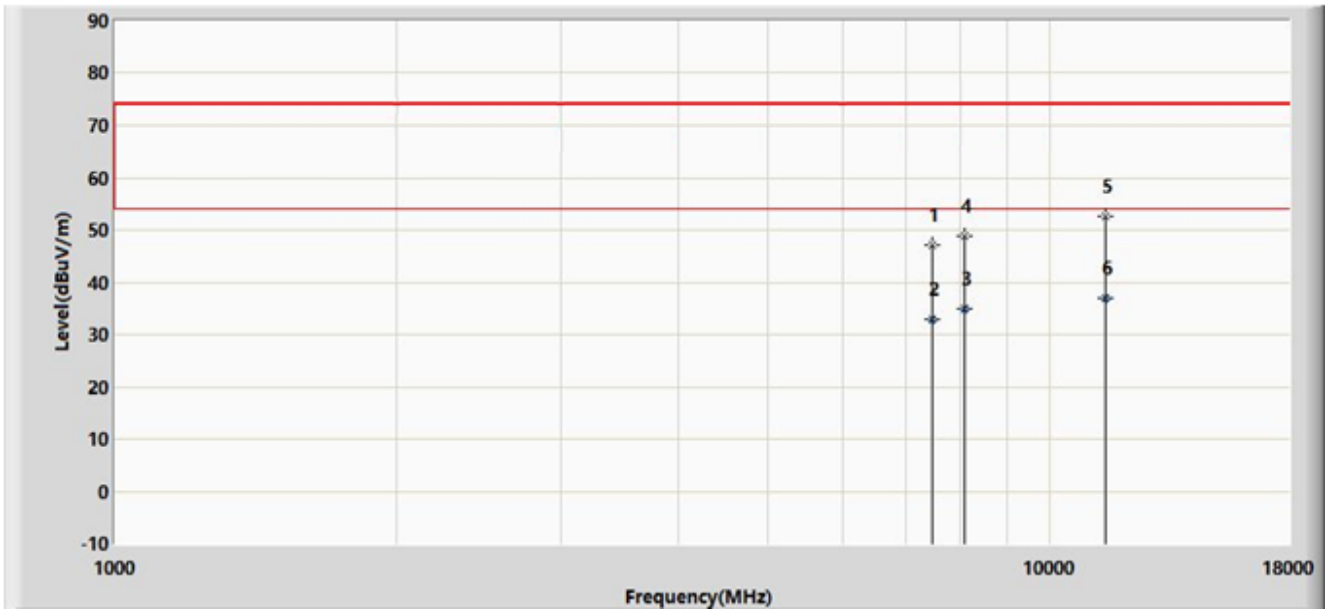
Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Note 2: We selected the 5GHz worst-case mode of radiated spurious emissions in the UNII reports.

Note 3: 5GHz Wi-Fi 802.11a Channel 5180MHz Power setting = 10;

Nordic Bluetooth LE channel 2402MHz Default Power setting.

Test Mode:	5GHz Wi-Fi + Nordic BLE Transmit	Test Site:	AC1
Test Engineer:	Jason Gao	Polarity:	Vertical
Remark:	There is the ambient noise within frequency range 9kHz~30MHz and 18GHz~40GHz, the permissible value is not show in the report.		



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			7494.000	47.162	35.153	-26.838	74.000	12.009	PK
2			7494.200	33.015	21.007	-20.985	54.000	12.007	AV
3			8114.400	35.038	22.448	-18.962	54.000	12.590	AV
4			8114.500	48.874	36.284	-25.126	74.000	12.590	PK
5			11455.000	52.658	34.936	-21.342	74.000	17.722	PK
6		*	11455.200	37.006	19.283	-16.994	54.000	17.723	AV

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

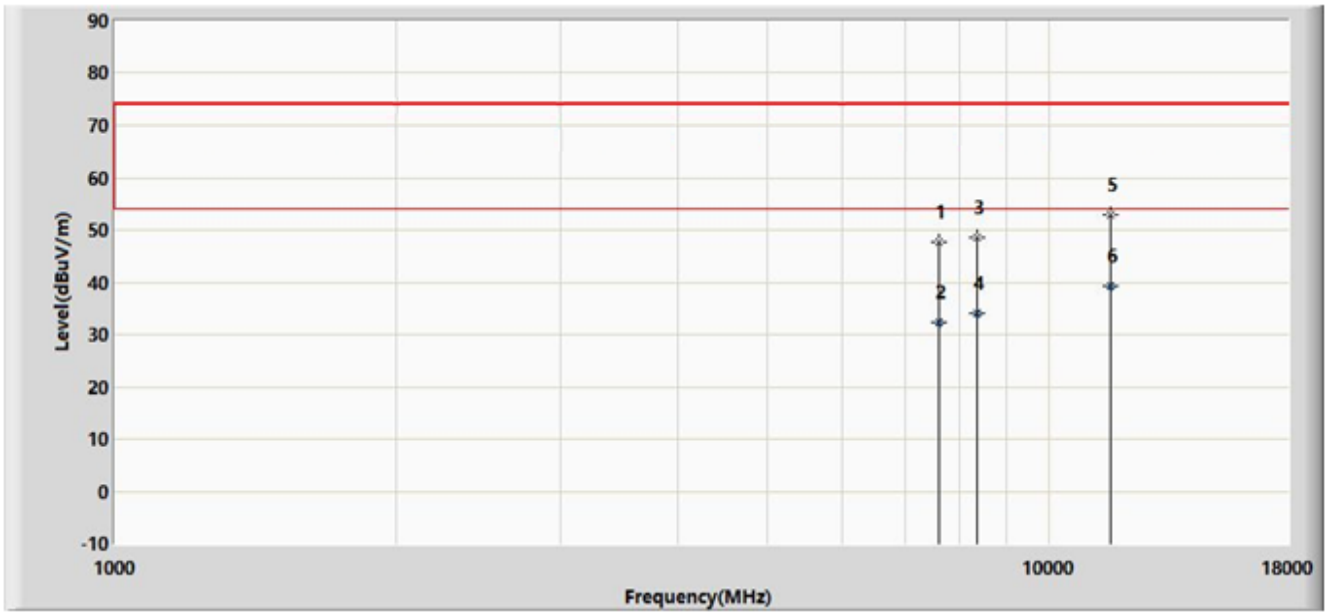
Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Note 2: We selected the 5GHz worst-case mode of radiated spurious emissions in the UNII reports.

Note 3: 5GHz Wi-Fi 802.11a Channel 5180MHz Power setting = 10;

Nordic Bluetooth LE channel 2402MHz Default Power setting.

Test Mode:	Qualcomm BLE + Nordic BLE Transmit	Test Site:	AC1
Test Engineer:	Jason Gao	Polarity:	Horizontal
Remark:	There is the ambient noise within frequency range 9kHz~30MHz and 18GHz~40GHz, the permissible value is not show in the report.		



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			7613.000	47.579	35.725	-26.421	74.000	11.854	PK
2			7613.200	32.324	20.472	-21.676	54.000	11.852	AV
3			8369.500	48.603	36.313	-25.397	74.000	12.290	PK
4			8369.600	34.144	21.853	-19.856	54.000	12.291	AV
5			11642.000	52.883	35.661	-21.117	74.000	17.222	PK
6		*	11642.200	39.168	21.943	-14.832	54.000	17.225	AV

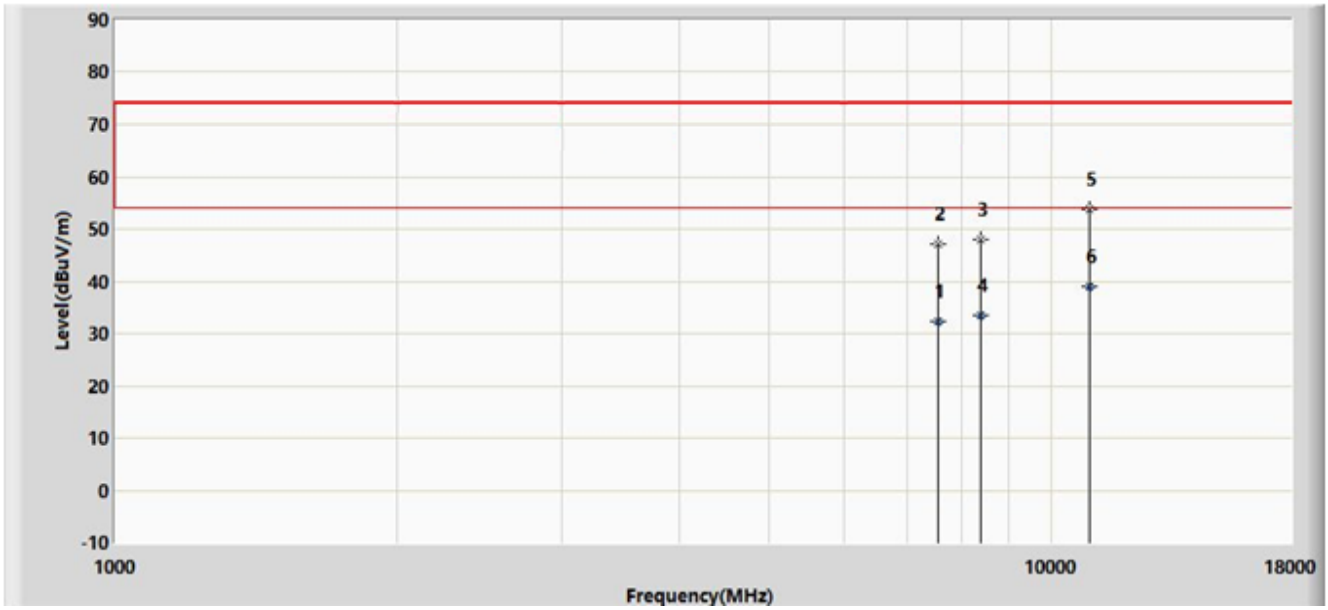
Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Note 2: Qualcomm Bluetooth LE Channel 2402MHz Default Power setting;

Nordic Bluetooth LE Channel 2402MHz Default Power setting.

Test Mode:	Qualcomm BLE + Nordic BLE Transmit	Test Site:	AC1
Test Engineer:	Jason Gao	Polarity:	Vertical
Remark:	There is the ambient noise within frequency range 9kHz~30MHz and 18GHz~40GHz, the permissible value is not show in the report.		



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			7570.400	32.263	20.423	-21.737	54.000	11.840	AV
2			7570.500	46.989	35.150	-27.011	74.000	11.838	PK
3			8395.000	48.001	35.848	-25.999	74.000	12.153	PK
4			8395.200	33.499	21.346	-20.501	54.000	12.153	AV
5			10987.500	53.711	35.866	-20.289	74.000	17.845	PK
6		*	10987.600	38.893	21.048	-15.107	54.000	17.844	AV

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Note 2: Qualcomm Bluetooth LE Channel 2402MHz Default Power setting;

Nordic Bluetooth LE Channel 2402MHz Default Power setting.

The End

Appendix A - Test Setup Photograph

Refer to “1907RSU061-UT” file.

Appendix B - EUT Photograph

Refer to “1907RSU061-UE” file.