

12. BAND EDGE EMISSION

12.1. MEASUREMENT PROCEDURE

Radiated restricted band edge measurements

The radiated restricted band edge measurements are measured with an EMI test receiver connected to the receive antenna while the EUT is transmitting

12.2. TEST SET-UP

same as 11.2

Note:

1. Factor=Antenna Factor + Cable loss - Amplifier gain. Field Strength=Factor + Reading level
2. The factor had been edited in the "Input Correction" of the Spectrum Analyzer. So the Amplitude of test plots is equal to Reading level plus the Factor in dB. Use the A dB(μ V) to represent the Amplitude. Use the F dB(μ V/m) to represent the Field Strength. So A=F.



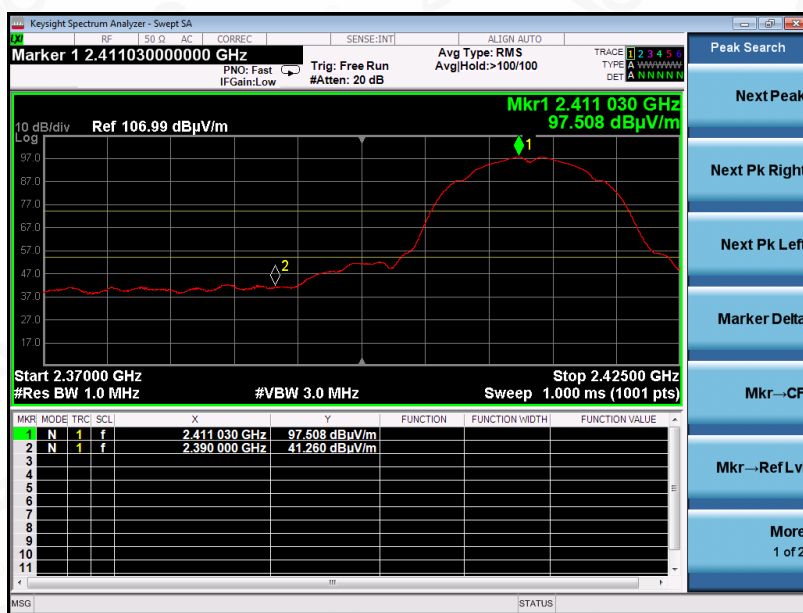
12.3. Test Result

EUT	VAVA 2K DUAL DASH CAM	Model Name	VA-VD009
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11b with data rate 1 2412MHZ	Antenna	Horizontal

PK



AV



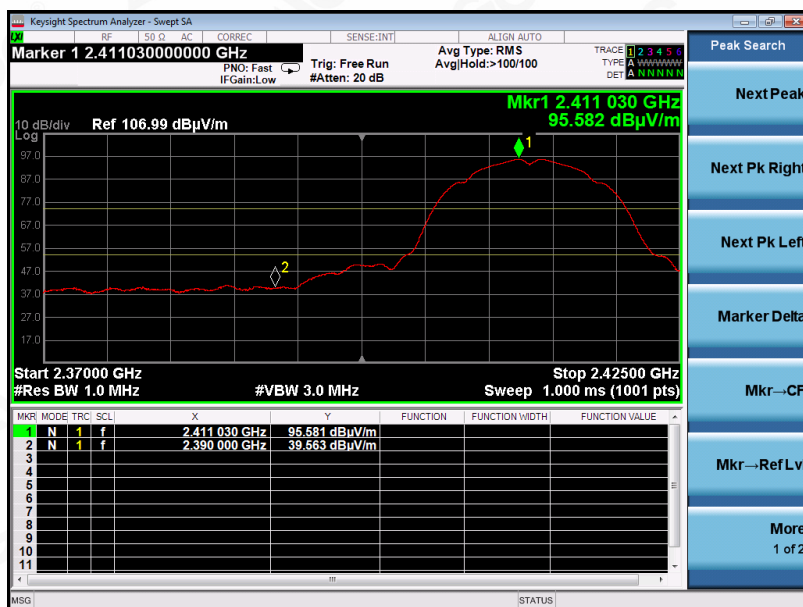
RESULT: PASS

EUT	VAVA 2K DUAL DASH CAM	Model Name	VA-VD009
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11b with data rate 1 2412MHZ	Antenna	Vertical

PK



AV



RESULT: PASS

EUT	VAVA 2K DUAL DASH CAM	Model Name	VA-VD009
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11b with data rate 1 2462MHZ	Antenna	Horizontal

PK



AV



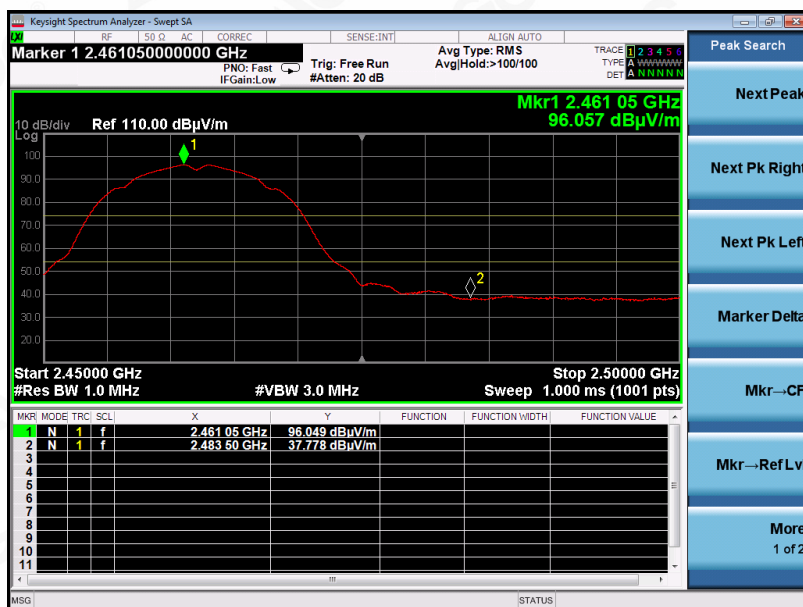
RESULT: PASS

EUT	VAVA 2K DUAL DASH CAM	Model Name	VA-VD009
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11b with data rate 1 2462MHZ	Antenna	Vertical

PK



AV



RESULT: PASS

EUT	VAVA 2K DUAL DASH CAM	Model Name	VA-VD009
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11g with data rate 6 2412MHZ	Antenna	Horizontal

PK



AV



RESULT: PASS

EUT	VAVA 2K DUAL DASH CAM	Model Name	VA-VD009
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11g with data rate 6 2412MHZ	Antenna	Vertical

PK



AV



RESULT: PASS

EUT	VAVA 2K DUAL DASH CAM	Model Name	VA-VD009
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11g with data rate 6 2462MHZ	Antenna	Horizontal

PK



AV



RESULT: PASS

EUT	VAVA 2K DUAL DASH CAM	Model Name	VA-VD009
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11g with data rate 6 2462MHZ	Antenna	Vertical

PK



AV



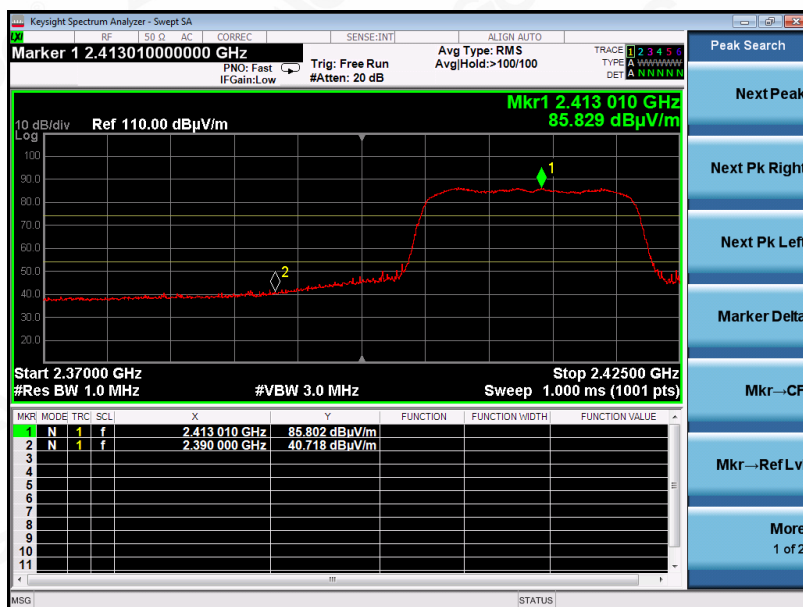
RESULT: PASS

EUT	VAVA 2K DUAL DASH CAM	Model Name	VA-VD009
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11n 20 with data rate 6.5 2412MHZ	Antenna	Horizontal

PK



AV



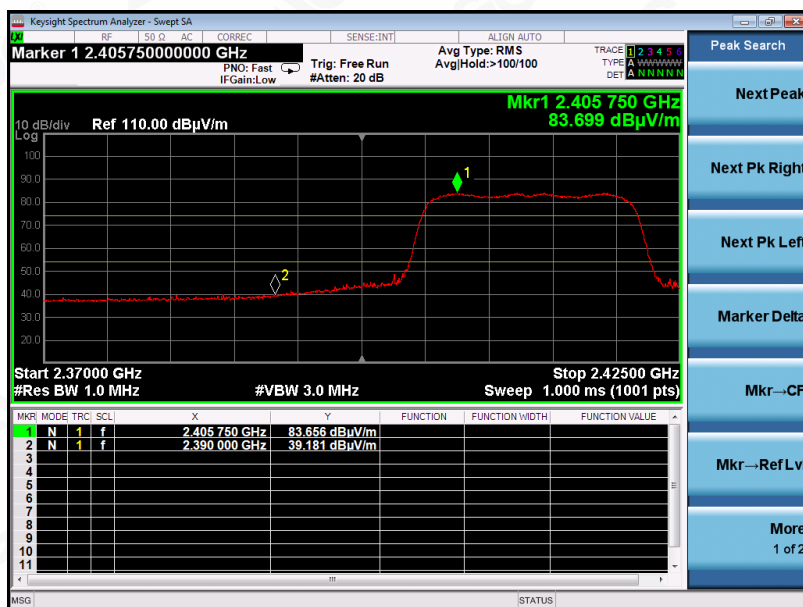
RESULT: PASS

EUT	VAVA 2K DUAL DASH CAM	Model Name	VA-VD009
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11n 20 with data rate 6.5 2412MHZ	Antenna	Vertical

PK



AV



RESULT: PASS

EUT	VAVA 2K DUAL DASH CAM	Model Name	VA-VD009
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11n 20 with data rate 6.5 2462MHZ	Antenna	Horizontal

PK



AV



RESULT: PASS

EUT	VAVA 2K DUAL DASH CAM	Model Name	VA-VD009
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11n 20 with data rate 6.5 2462MHZ	Antenna	Vertical

PK



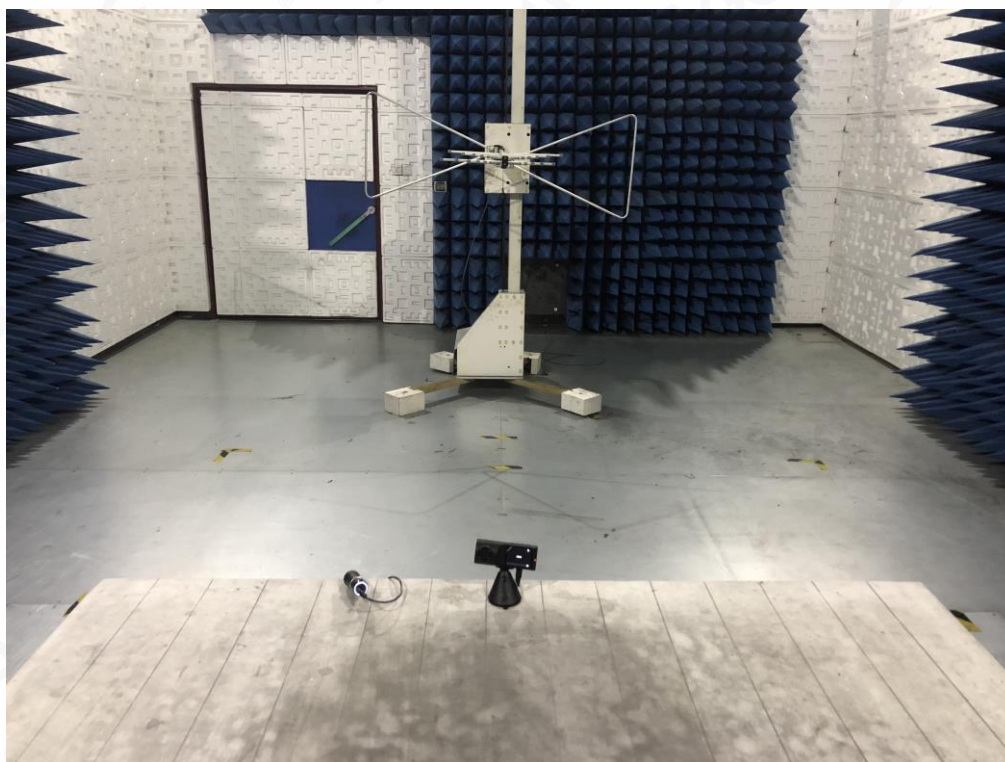
AV



RESULT: PASS

APPENDIX A: PHOTOGRAPHS OF TEST SETUP

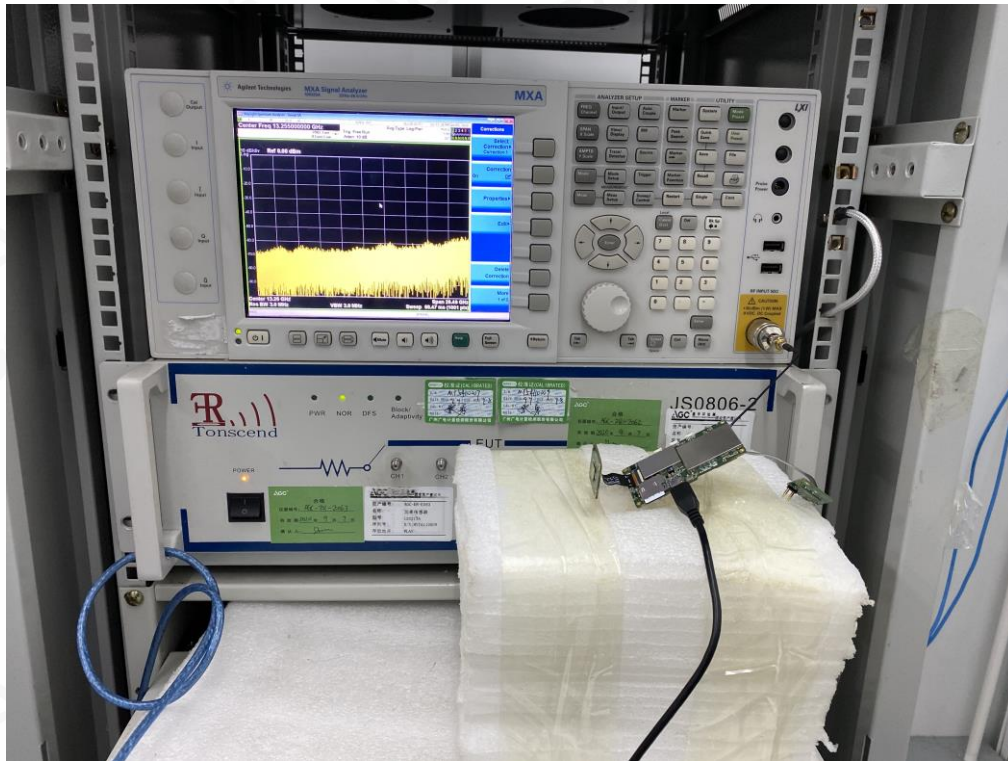
FCC RADIATED EMISSION TEST SETUP BELOW 1GHZ



FCC RADIATED EMISSION TEST SETUP ABOVE 1GHZ



CONDUCTED TEST SETUP



APPENDIX B: PHOTOGRAPHS OF EUT

ALL VIEW OF EUT



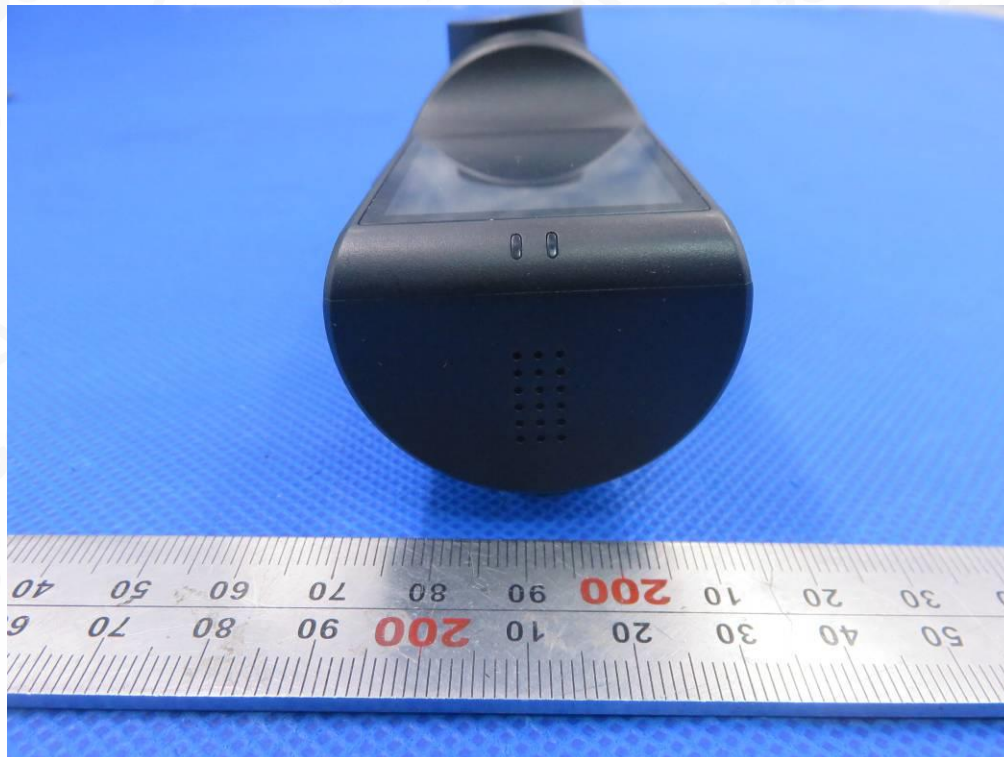
TOP VIEW OF EUT



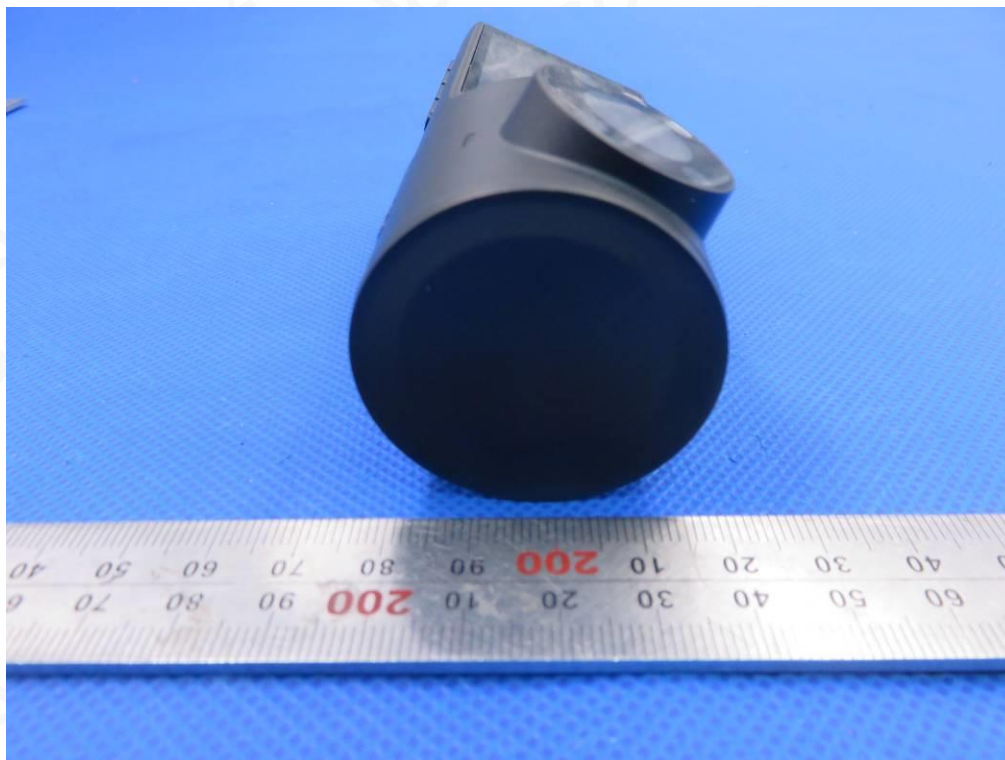
BOTTOM VIEW OF EUT



FRONT VIEW OF EUT



BACK VIEW OF EUT



LEFT VIEW OF EUT



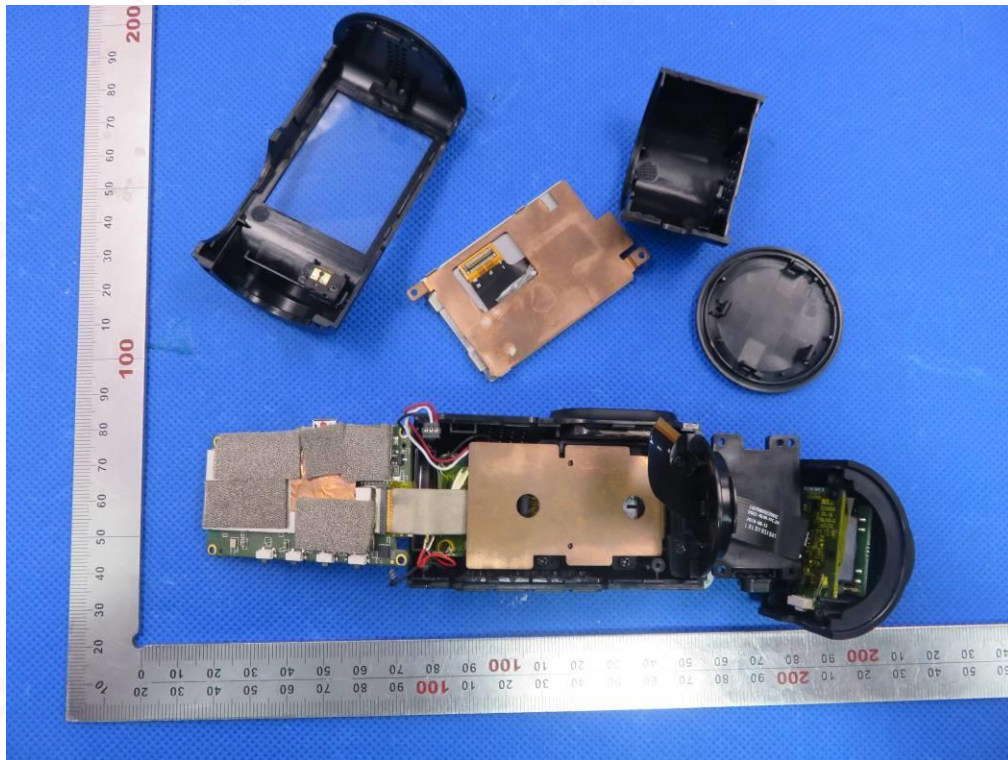
RIGHT VIEW OF EUT



VIEW OF EUT(PORT)



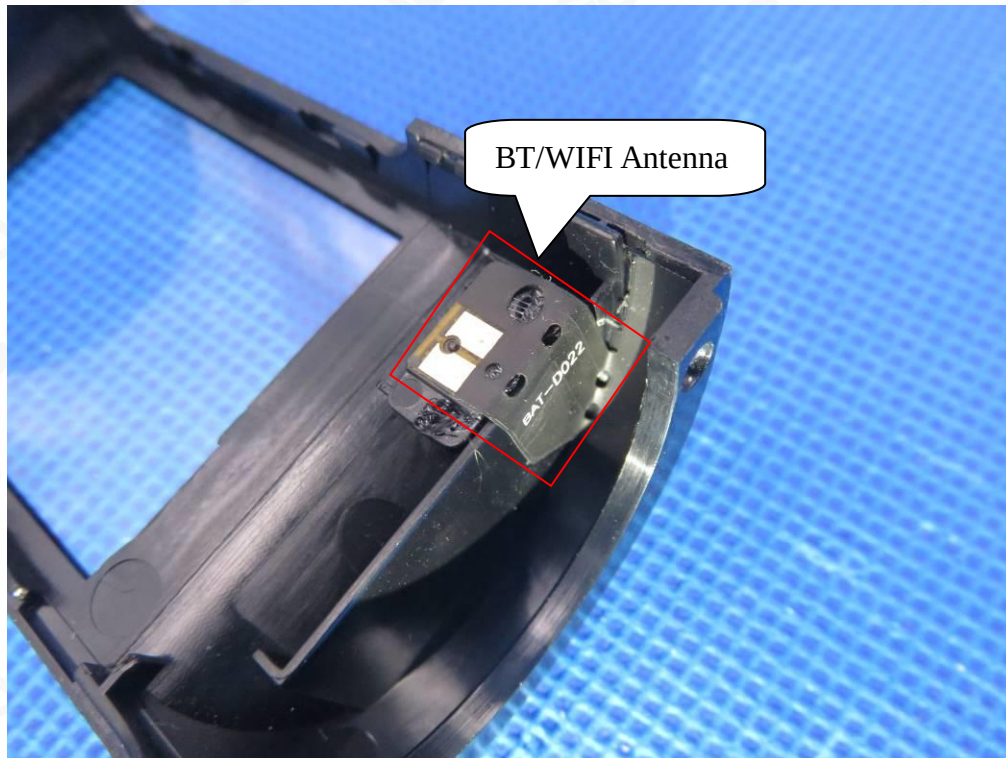
OPEN VIEW OF EUT-1



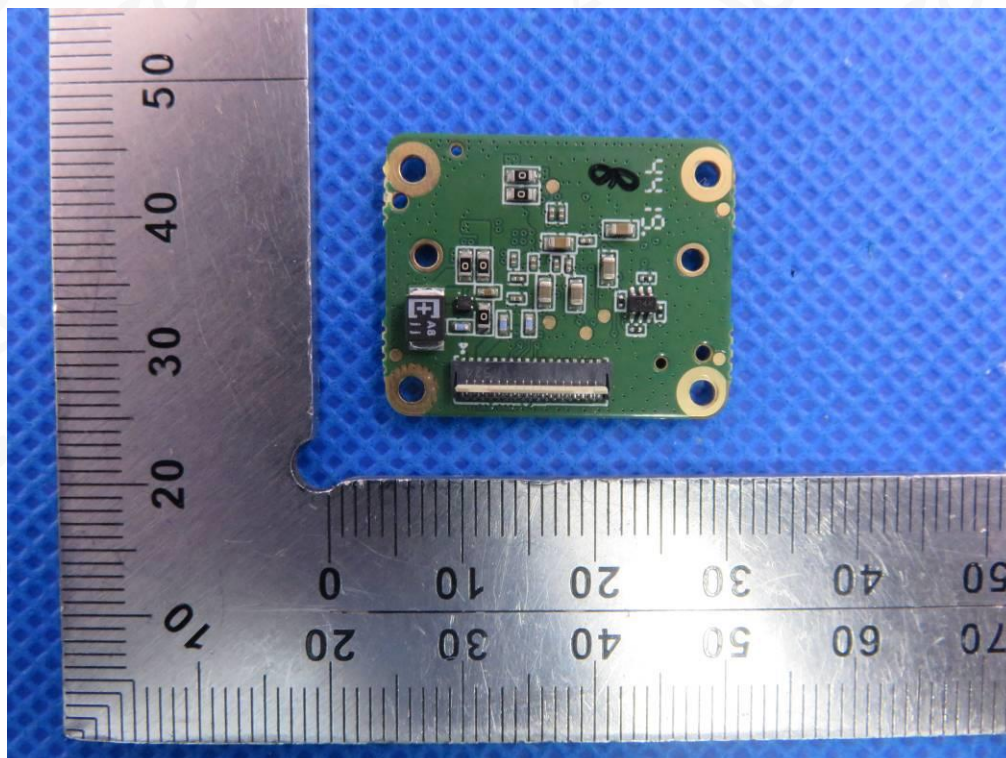
OPEN VIEW OF EUT-2



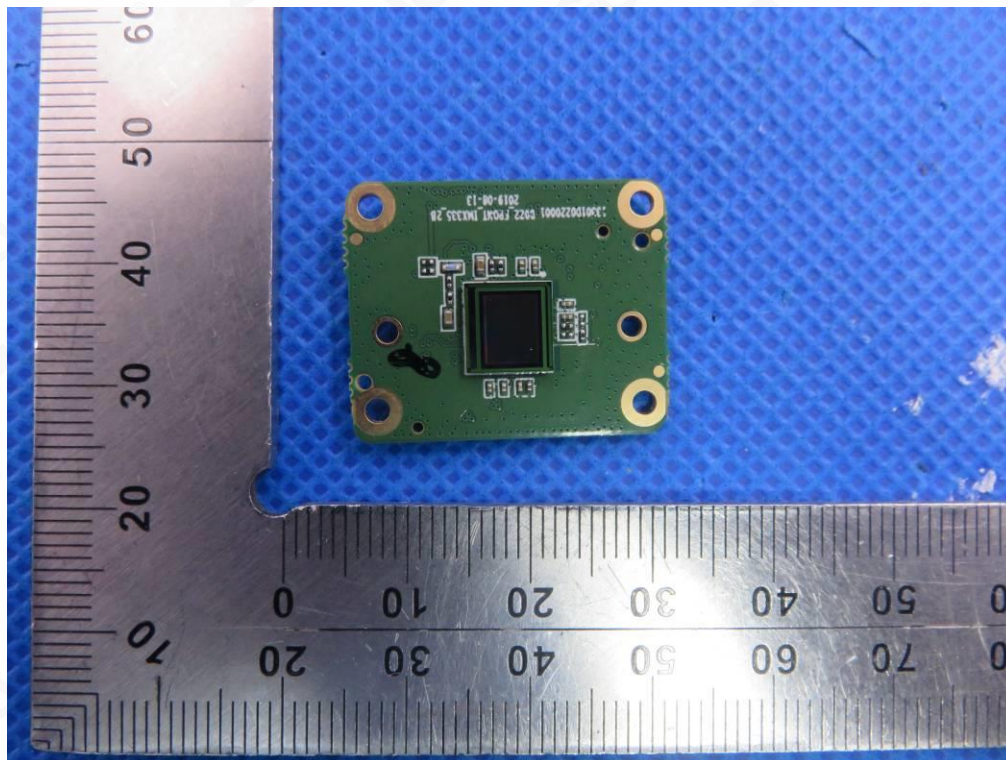
OPEN VIEW OF EUT-3



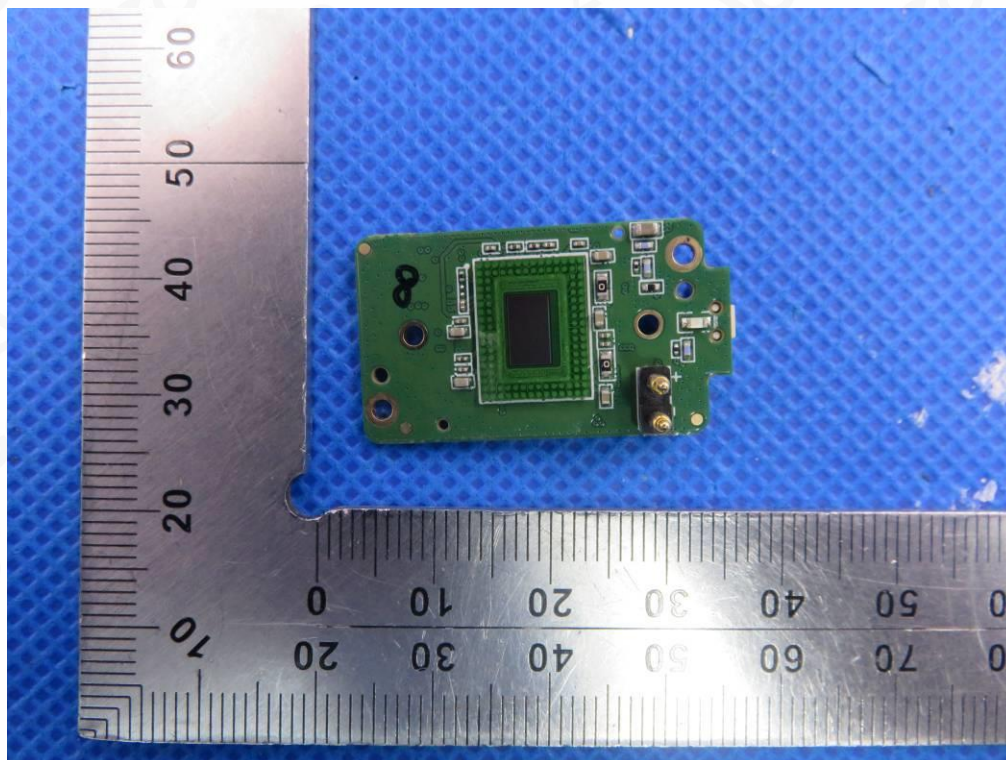
INTERNAL VIEW-1 OF EUT



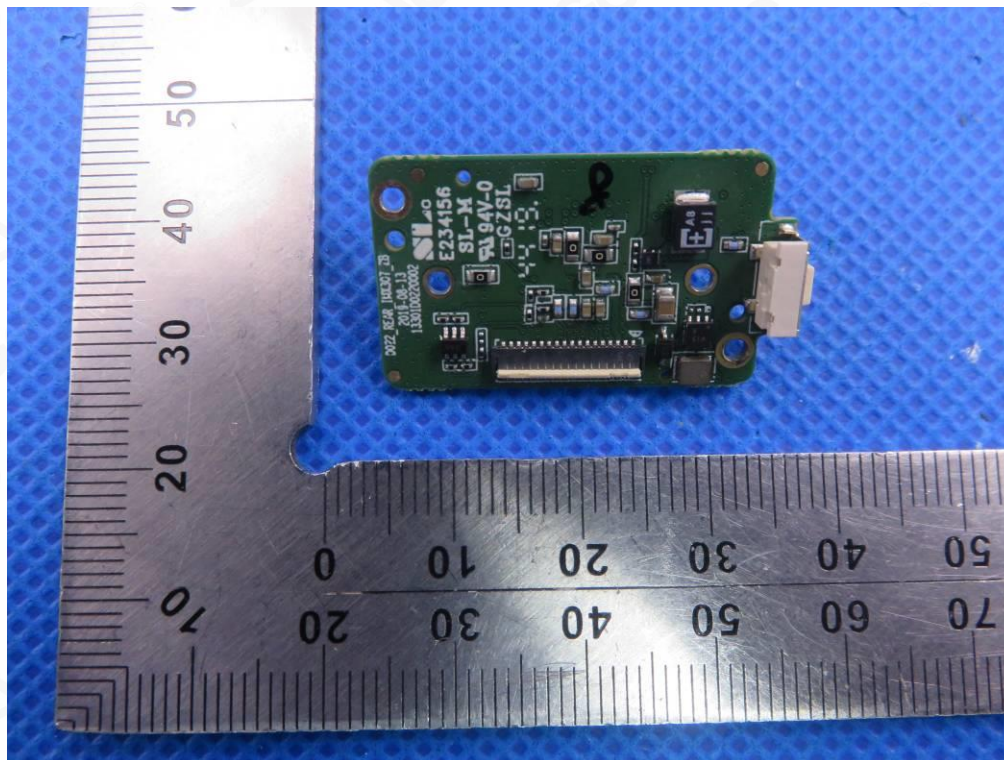
INTERNAL VIEW-2 OF EUT



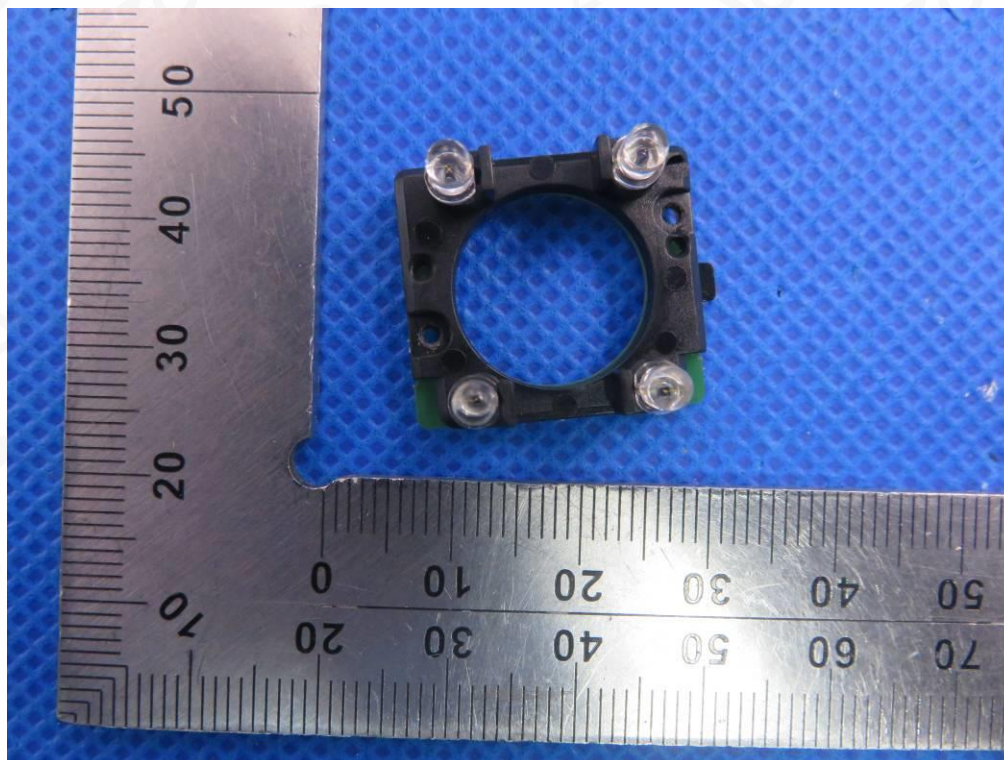
INTERNAL VIEW-3 OF EUT



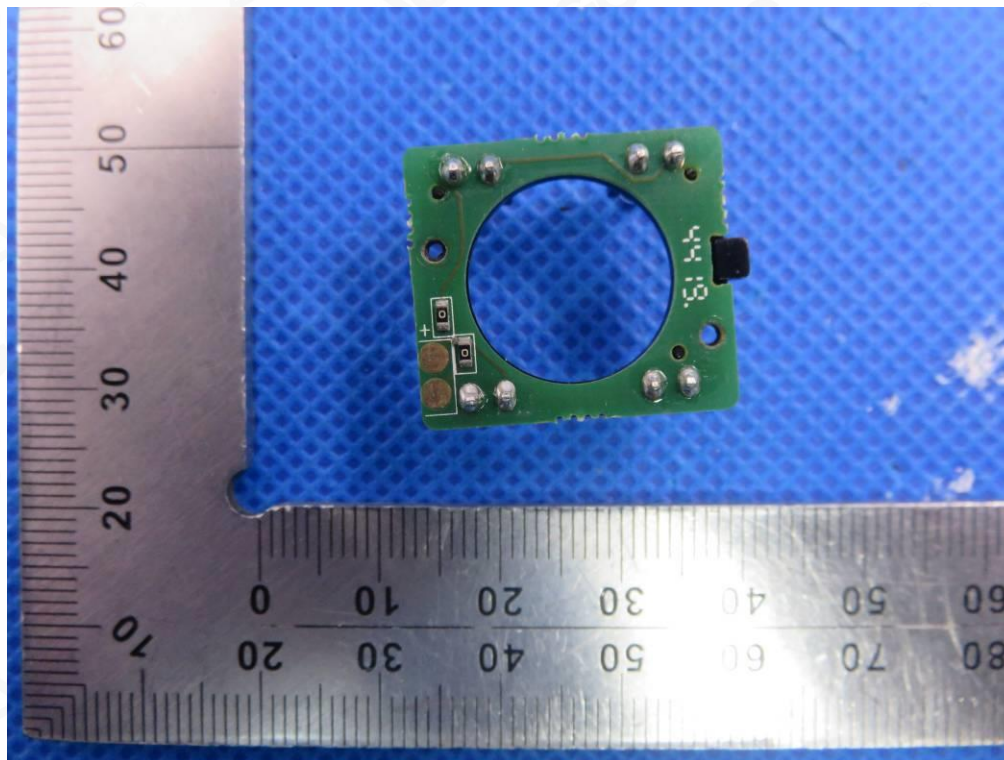
INTERNAL VIEW-4 OF EUT



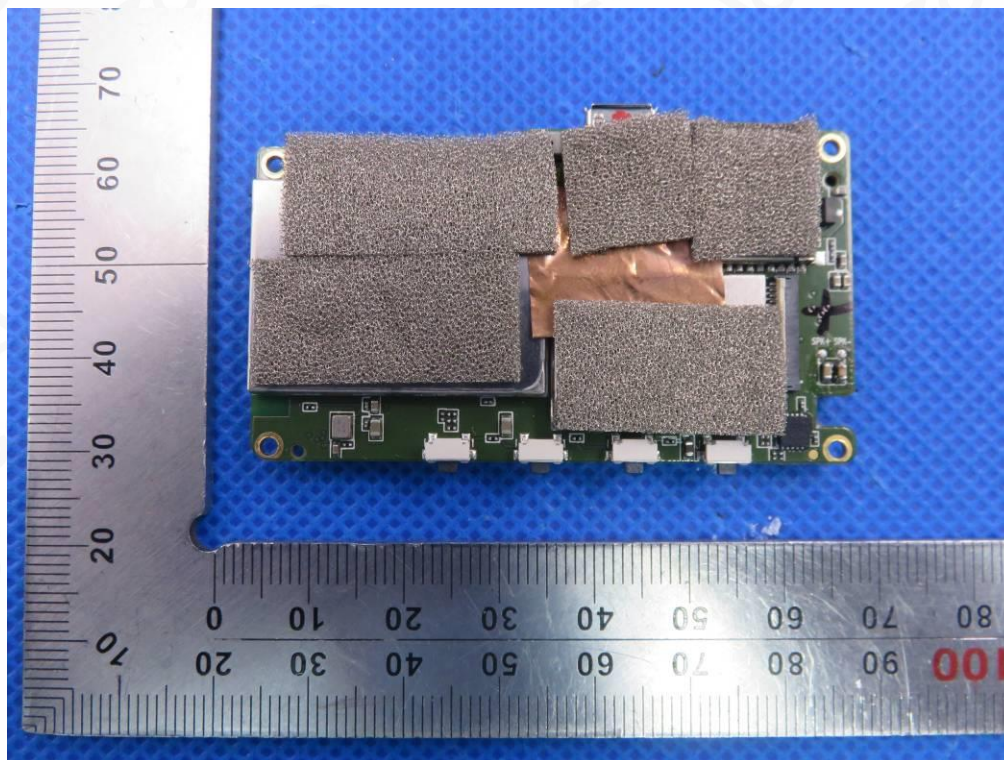
INTERNAL VIEW-5 OF EUT



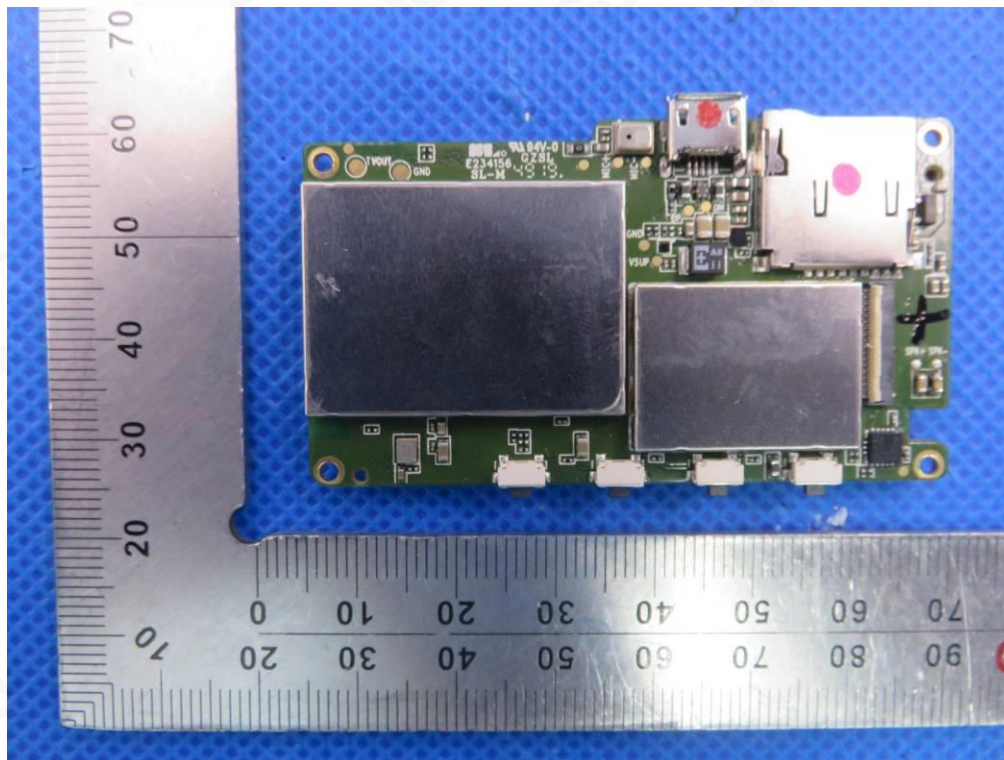
INTERNAL VIEW-6 OF EUT



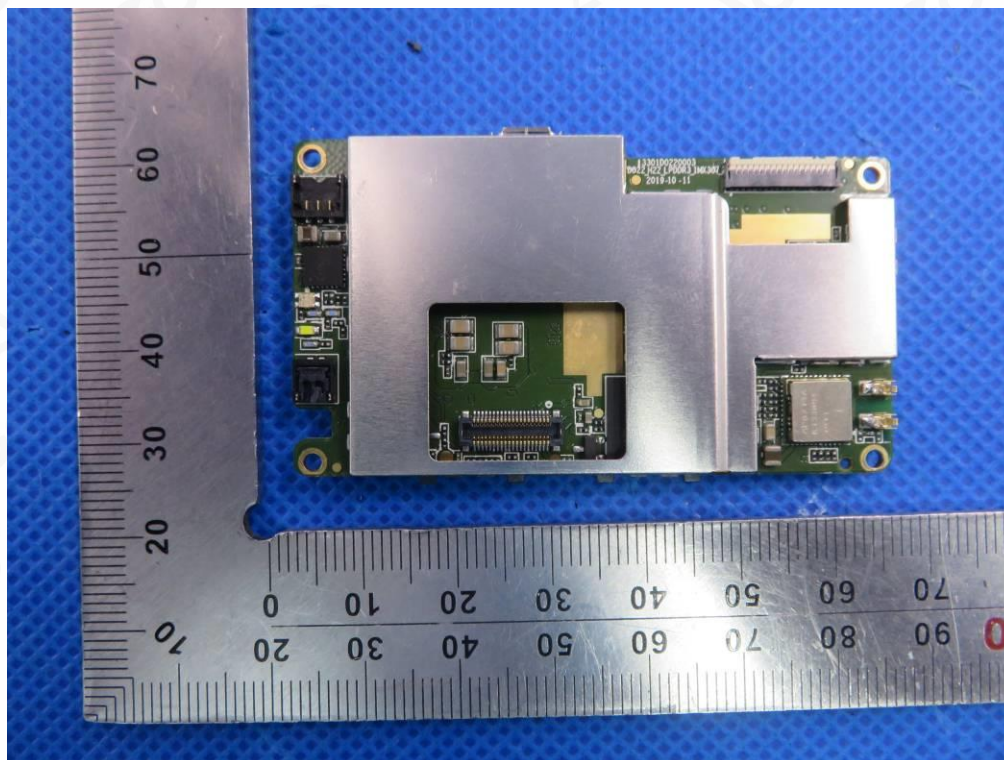
INTERNAL VIEW-7 OF EUT



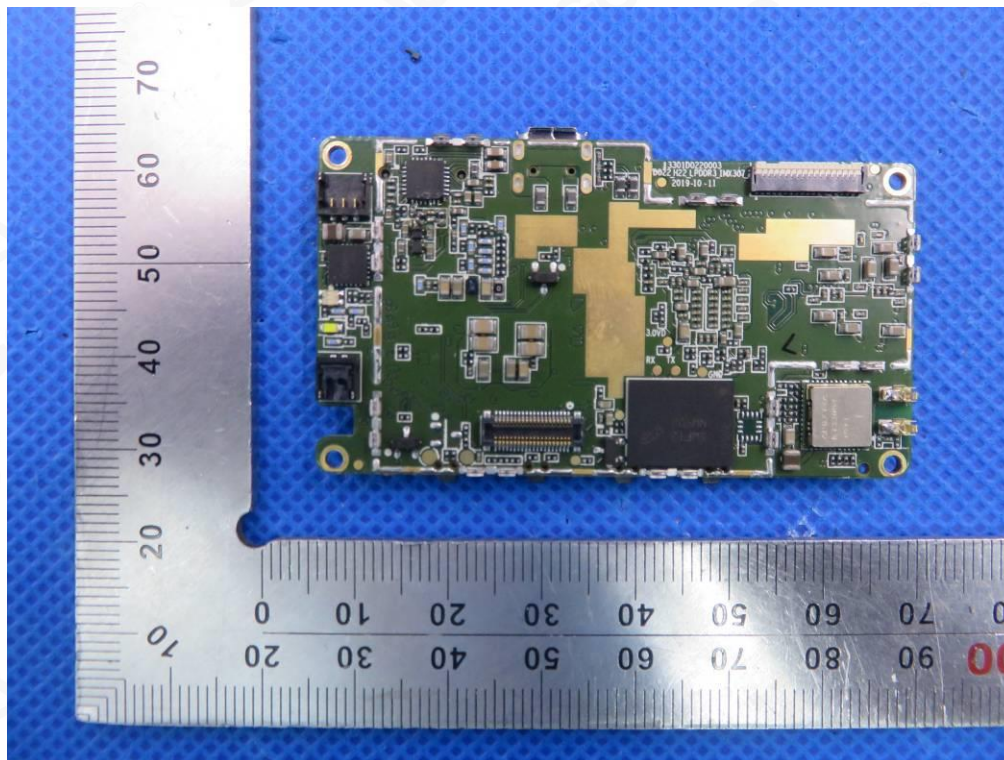
INTERNAL VIEW-8 OF EUT



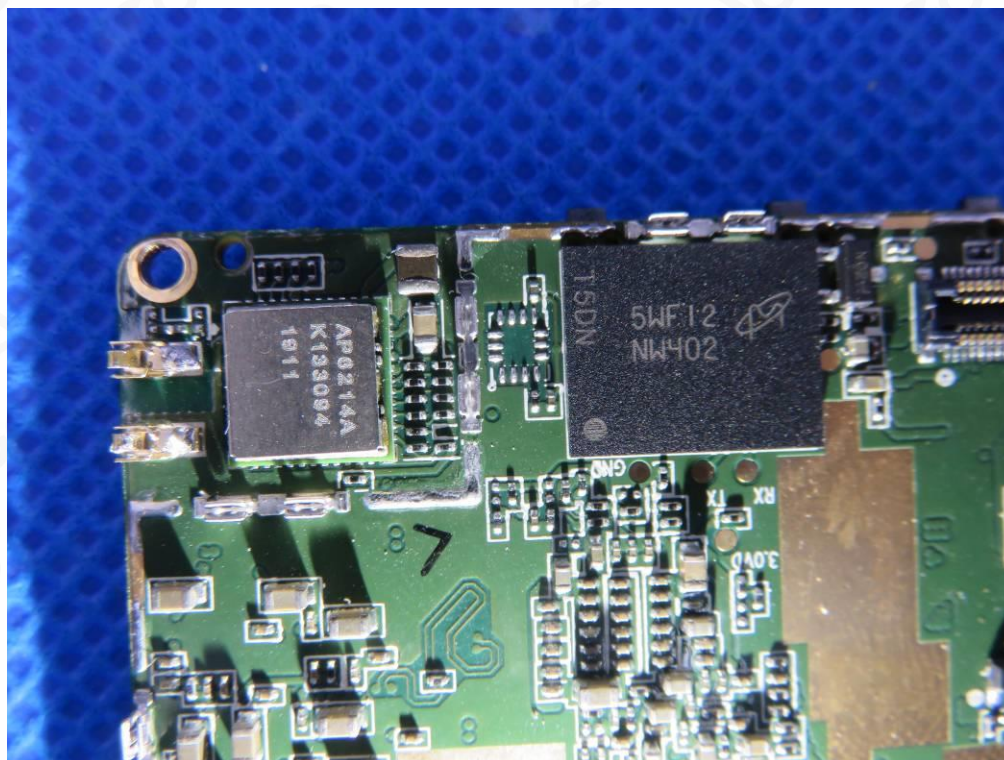
INTERNAL VIEW-9 OF EUT



INTERNAL VIEW-10 OF EUT

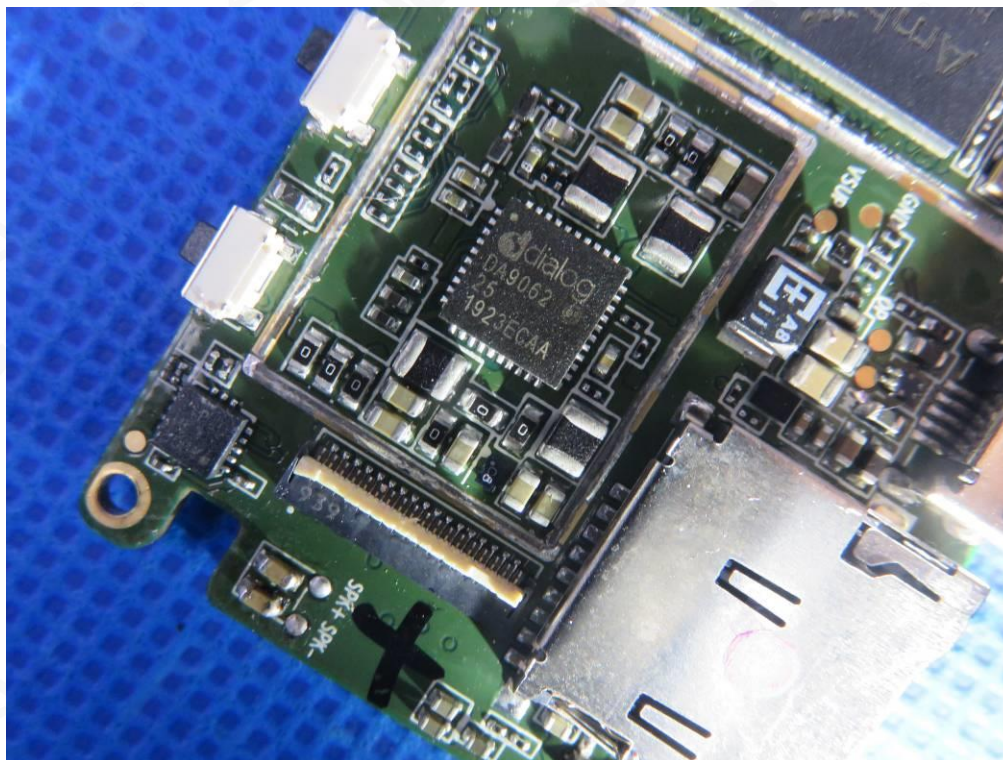


INTERNAL VIEW-11 OF EUT

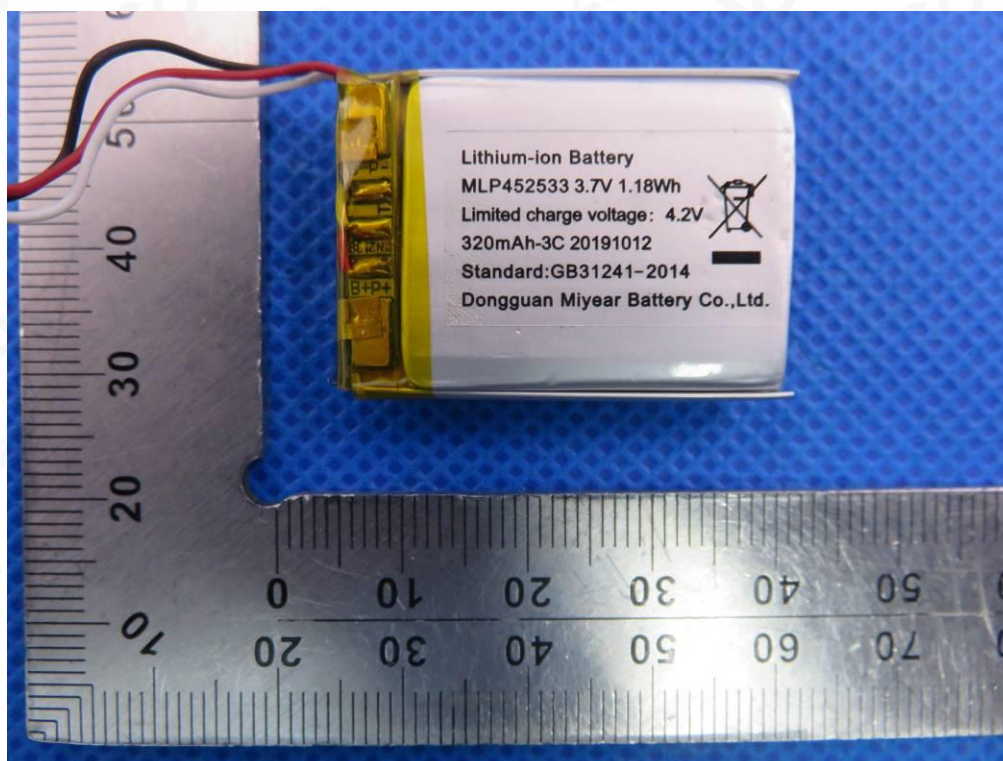


A close-up photograph of a green printed circuit board (PCB) featuring two large black integrated circuits (ICs). The IC on the left is an Ambarella H22A055, with the text "Ambarella", "H22-A0-RH", "A1945", "SAC9V-2N5", and "H22A55" visible. The IC on the right is a SEC 934, with the text "SEC 934", "KUE8E32", "4E8E6C7", and "FR1369W" visible. The PCB is populated with various components, including capacitors, resistors, and connectors. Labels on the PCB include "VSUP", "GND", "MIC", "G7SL", "E234156", "SL-1", and "9A 8AV-0". The background is a blue textured surface.

INTERNAL VIEW-14 OF EUT



VIEW OF BATTERY



----END OF REPORT----