



1. GENERAL INFORMATION

1.1. Description of Device (EUT)

EUT	: Android Mobile Scanning Device
Test Model	: DRS-50
Additional Model No.	: W1, SH168
Model Declaration	: PCB board, structure and internal of these model(s) are the same, So no additional models were tested
Power Supply	: Input: DC 5V, 1A DC 3.8V by Rechargeable Li-ion Battery, 900mAh
Hardware Version	: V3.3
Software Version	: V3.3
Bluetooth	:
Frequency Range	: 2402MHz ~ 2480MHz
Channel Number	: 79 channels for Bluetooth V5.0 (BDR/EDR) 40 channels for Bluetooth V5.0 (BT LE)
Channel Spacing	: 1MHz for Bluetooth V5.0 (BDR/EDR) 2MHz for Bluetooth V5.0 (BT LE)
Modulation Type	: GFSK, $\pi/4$ -DQPSK, 8-DPSK for Bluetooth V5.0 (BDR/EDR) GFSK for Bluetooth V5.0 (BT LE)
Bluetooth Version	: V5.0
Antenna Description	: FPC Antenna, 2.0dBi(Max.)
WIFI(2.4G Band)	:
Frequency Range	: 2412MHz ~ 2462MHz
Channel Spacing	: 5MHz
Channel Number	: 11 Channels for 20MHz bandwidth (2412~2462MHz) 7 Channels for 40MHz bandwidth (2422~2452MHz)
Modulation Type	: IEEE 802.11b: DSSS (CCK, DQPSK, DBPSK) IEEE 802.11g: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11n: OFDM (64QAM, 16QAM, QPSK, BPSK)
Antenna Description	: FPC Antenna, 2.0dBi(Max.)
5G WLAN	:
Frequency Range	: 5180-5240MHz, 5260-5320MHz, 5500-5700MHz
Channel Number	: 4 Channels for 20MHz bandwidth(5180MHz-5240MHz) 4 Channels for 20MHz bandwidth(5260MHz-5320MHz) 11 Channels for 20MHz bandwidth(5500MHz-5700MHz) 2 channels for 40MHz bandwidth(5190MHz~5230MHz) 2 channels for 40MHz bandwidth(5270MHz~5310MHz) 5 Channels for 40MHz bandwidth(5510MHz-5670MHz) 1 channels for 80MHz bandwidth(5210MHz)