

Measurement Report for Device, FRONT, U-NII-5, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps), Channel 57 (6235.0 MHz)

Device Under Test Properties

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| Device, | 316.0 x 225.0 x 15.0 | | Laptop |

Exposure Conditions

| Phantom Section | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz], Channel Number | Conversion Factor |
|-----------------|------------------------------|---------|-----------------|---------------------------------|-------------------|
| 5G | Bottom of Laptop, 2.00 | U-NII-5 | WLAN, 10062-CAE | 6235.0, 57 | 1.0 |

Hardware Setup

| Phantom | Medium | Probe, Calibration Date | DAE, Calibration Date |
|---------------|--------|---------------------------------------|-------------------------|
| mmWave - 1044 | Air - | EUmmWV4 - SN9441_F1-55GHz, 2023-11-17 | DAE4 Sn1399, 2023-02-21 |

Scans Setup

| | |
|---------------------|-----------------|
| Scan Type | 5G Scan |
| Grid Extents [mm] | 105.0 x 240.0 |
| Grid Steps [lambda] | 0.0625 x 0.0625 |
| Sensor Surface [mm] | 2.0 |
| MAIA | Y |

Measurement Results

| | |
|------------------------------|------------|
| Scan Type | 5G Scan |
| Date | 2024-01-19 |
| Avg. Area [cm ²] | 4.00 |
| psPDn+ [W/m ²] | 1.41 |
| psPDtot+ [W/m ²] | 1.77 |
| psPDmod+ [W/m ²] | 1.87 |
| E _{max} [V/m] | 33.2 |
| Power Drift [dB] | 0.08 |

