

Prüfbericht - Nr.:
Test Report No.:

16023053 001

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Note:

While in Step 2, the EUT was placed in 3 orthogonal planes to find a maximum reading.

Measurement result:

Table 2: Measurement result of radiated output power at low, high channel

| Channel | Freq. (MHz) | Polarization (V/H) | Reading (SG) (dBm) | Cable loss (dB) | Antenna Gain(dB) | Transmit power (dBm) | Transmit power (mW) | Limit (mW) |
|---------|-------------|--------------------|--------------------|-----------------|------------------|----------------------|---------------------|------------|
| Low | 642.375 | V | -18.364 | 5.0 | -10 | -33.364 | 0.0004 | 250 |
| | | H | -4.574 | 5.0 | -10 | -19.574 | 0.0115 | 250 |
| High | 645.750 | V | -20.502 | 5.2 | -10 | -35.500 | 0.0003 | 250 |
| | | H | -4.439 | 5.2 | -10 | -19.437 | 0.0114 | 250 |

Note:

SG means Signal Generator.

Transmit power (dBm) = Reading(SG) (dBm) - Cable loss(dB) + Antenna Gain(dB)

Transmit power (dBm) = 10Log(transmit power(mW)/1mW)

RF-Exposure evaluation

No SAR evaluation is required if the power is below the following threshold:

| Tunable Range | | Center of Tunable Band [GHz] | 60/f SAR imitation used on Center of Band [mW] |
|------------------------|-------------------------|------------------------------|--|
| Lowest Frequency [GHz] | Highest Frequency [GHz] | | |
| 0.6423 | 0.6457 | 0.6444 | 86.96 |

Maximum measured transmitter power:

| Transmit power Pout [mW] | Maximum Antenna Gain [dBi] | Pout EIRP [mW] |
|--------------------------|----------------------------|----------------|
| 0.0115 | 0 | 0.0115 |

The threshold for SAR evaluation is 86.96 mW.

The maximum TX output power is 0.0115 mW EIRP.

Conclusion:

SAR evaluation is not required since the maximum transmitter Pout (EIRP) is below the FCC threshold.