

## Inspections for Compliance criteria

Reference to the mandatory report: G0M20909-2538-C1\_rev01

### Technical specification:

<b>Frequency band(s)</b>	1920 – 1930 MHz (Base station)
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name			nature value	log value		
max conducted power			24,72 mW	13,93 dBm		
max Antenna gain			1,78	2,50 dBi		
calculated radiated power		EIRP	43,95 mW	16,43 dBm		
measured radiated power		EIRP	50,58 mW	17,04 dBm		
<b>Tx frequency</b>						
1928,448 MHz						
<b>duty cycle factor</b>						
duty cycle factor	10log(dwell time/100 ms)	declared	<b>50,0%</b>	-3,01 dB		
<b>max source-based time-averaged power</b>						
conducted power			<b>12,36</b> mW	10,92 dB		
calculated radiated power		EIRP	<b>21,98</b> mW	13,42 dB		
measured radiated power		EIRP	<b>25,29</b> mW	14,03 dB		
<b>M P E</b>						
$S = \frac{PG}{4\pi R^2}$		calculated with max source-based time-averaged power measured conducted power				
		r [cm]	20	2,5	1,5	<b>1,32</b>
		S [mW/cm <sup>2</sup> ]	<b>0,004</b>	<b>0,280</b>	<b>0,778</b>	1,0
Limit general population		[mW/cm <sup>2</sup> ]	1,0	for f = 1928,448 MHz		
Limit occupational population		[mW/cm <sup>2</sup> ]	5,0			
$S = \frac{EIRP}{4\pi R^2} = \frac{1.64 ERP}{4\pi R^2} = \frac{0.41 ERP}{\pi R^2}$		calculated with max source-based time-averaged power measured radiated power				
		r [cm]	20	2,5	1,5	<b>1,42</b>
		S [mW/cm <sup>2</sup> ]	<b>0,005</b>	<b>0,322</b>	<b>0,895</b>	1,0