

## SAR Test exclusion documentation according to FCC KDB 447498

**Report identification number: 1-2842/16-01-17 Exclusion (FCC)**

Certification numbers and labeling requirements	
<b>FCC ID:</b>	<b>PQC-SRRBV7</b>
Model:	IntelliVue CL Respiration Pod 865218
Hardware:	1
Software:	D.00.70

This report is electronically signed and valid without handwriting signature. For verification of the electronic signatures, the public keys can be requested at the testing laboratory.

### Document authorised:

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**EUT technologies:**

Technologies:	Max. power:	Max. gain:	Min. pathloss:
MBAN 2.45 GHz*	4.6 dBm (AVG - Conducted)	-1.2 dBi	0 dB (if applicable)
SRR 2.45 GHz**	6.2 dBm (Max. EIRP)	-/-	0 dB (if applicable)

\*) Highest measured AVG output power and highest antenna gain from 47 CFR Part 95 report:  
 CTC advanced 1-2842/16-01-06-B\_MBAN  
 Overrated value 4.6dBm used for calculation.

\*\*\*) Highest measured AVG output power and highest antenna gain from 47 CFR Part 15 report:  
 CTC advanced 1-2842/16-01-05-B\_ShortRangeRadio\_radiated  
 Max. EIRP value 6.2dBm used for calculation.

**SAR test exclusion according to KDB447498 (General RF Exposure Guidance v06)**

Equation from Chapter 4.3.1: Standalone SAR test exclusion considerations page 11 and ff.

(1) Standalone SAR test exclusion for 100 MHz to 6 GHz at test separation distances ≤ 50mm

$$( \text{Threshold}_{1-g;10-g} ) \times d_{\text{separation}} / f^{0.5}$$

where

Threshold<sub>1-g;10-g</sub> is 3 for 1-g; 7.5 for 10-g  
 d<sub>separation</sub> is the min. test separation distance; 5mm is used if the distance is less  
 f is the RF channel transmit frequency

The table below gives the calculated maximal power that could be used for source based time averaged conducted or radiated power, adjusted for tune up tolerance. If this is at or below the calculated value the DUT is exempted from SAR evaluation.

Band	frequency [MHz]	d <sub>separation</sub> [mm]	Threshold <sub>1-g</sub>	Powerlimit [mW]	P <sub>max-declared</sub>		Exclusion
					[dBm]	[mW]	
MBAN	2450.00	5	3	9.58	4.60	2.88	yes
SRR	2450.00	5	3	9.58	6.20	4.17	yes
SUM	2450.00	5	3	9.58	8.48	7.05	yes