



Cinch Systems, Inc.
12075 43 ST NE Ste 300
St. Michael, MN 55375
763. 497. 1064

12 December 2016

TUV SUD BABT
Octagon House,
Concorde Way
Segensworth Rd N,
Fareham
PO15 5RL

Subject: SAR Evaluation Exemption Compliance information

FCC KDB 447498 D01v05 Clause 4.3.1.1 SAR test exemption criteria

FCC ID: 2ABBZ-RF-CHW-ITI-S

Portable Exposure SAR Exemption

Per FCC KDB 447498 D01 RF Exposure v05r01

Maximum e.r.p. power = .000697 mW (average), 0.579 mW (peak)
 $f_{(GHz)} = 0.3195$

A test separation distance of 5 mm has been applied to the SAR test exclusion calculation.

$$[(\text{max. power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})] [vf_{(GHz)}] \leq 3.0$$

$f_{(GHz)}$ is the RF channel transmit frequency in GHz
Power and distance are rounded to the nearest mW and mm before calculation¹⁷
The result is rounded to one decimal place for comparison
[Ref: Clause 4.3.1.1]

$$[(0.000697mW)/(5, mm)] [v0.3195_{(GHz)}] \leq 3.0$$
$$.0000787 \leq 3.0 \text{ (average)}$$
$$[(0.579mW)/(5, mm)] [v0.3195_{(GHz)}] \leq 3.0$$
$$.00654 \leq 3.0 \text{ (peak)}$$

Therefore, the device meets the FCC SAR exemption requirements.

Yours sincerely,

Company Officer: Joel C Christianson
Telephone Number: 763-497-1064
Email: joel.christianson@cinchsystems.com