

SAR Test exclusion documentation according to FCC KDB 447498 and RSS-102

Report identification number: 1-3501/17-02-102

Certification numbers and labeling requirements	
FCC ID	IYZDAG16
IC number	2701A-DAG16
HVIN (Hardware Version Identification Number)	DAG16
PMN (Product Marketing Name)	DAG16
FVIN (Firmware Version Identification Number)	-/-
HMN (Host Marketing Name)	-/-

This test 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 authorized:

Thomas Vogler
Lab Manager
Radio Communications & EMC

EUT technologies:

Technologies:	Max. power: (AVG)	Max. gain:
21.85 kHz module)*	---	Fieldstrength 117.1 dBµV/m @ 3 m

)* exempted from routine evaluation for FCC, for RSS-102 see additional test report of the frequency range 3 kHz – 10 MHz

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

Equations from Chapter 4.3.1: Standalone SAR test exclusion considerations page 11 and ff. and tables in Annex C

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.

f in [MHz]	d _{separation} [mm]	Powerlimit [mW]	P _{max-declared} [mW]	Exclusion
0.1	< 50	948.00	< 1 mW	yes

SAR test exclusion according to RSS-102 Issue 5 Section 2.5.1/Table 1

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.

f in [MHz]	d _{separation} [mm]	tissue volume	Powerlimit [mW]	P _{max-declared} [mW]	Exclusion
< 300	5	1 g	71.00	< 1 mW	yes