RF Exposure Conditions (Test Configurations)

Evaluation is based on a minimum distance of 5mm from the antenna to the edge.

Standalone SAR Test Exclusion Considerations

According to KDB 447498 D01 General RF Exposure Guidance v06, since the Dedicated Host Approach is applied, the standalone SAR test exclusion procedure specified in KDB 447498 4.3.1 is applied.

SAR Test Exclusion Calculations

Frequency range: 915MHz ~ 915.7MHz
Max. Tune-up Power: 20 dBm
Duty Cycle:0.096
Pavg (dBm)=P(dBm)+10log10(Duty Cycle)
10log10(0.096) ≈ −10.18 dB
Pavg=20−10.18=9.82 dBm

According to 447498 D01 General RF Exposure Guidance v06 section 4.3.1, the 1-g SAR test exclusion thresholds at test separation distance ≤ 50 mm are determined by:

[(max. power of channel, including tune-up tolerance, mW) / (min. test separation distance, mm)] *·[$\sqrt{}$ f(GHz)] ≤ 3.0

Frequency (MHz)	Output Power		Separation Distances (mm)	Calculated Threshold Value
	dBm	mW		
915	9.82	10	5	1.9 -EXEMPT-

Therefore, separate SAR testing is not required for SAR exemption evaluation.

Note:

1. The tune-up power refers to the average power from test report TMTN2603000208NR, used for SAR test exclusion purposes.
2. The duty cycle is referenced from test report TMTN2603000208NR

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