

# RF Exposure Evaluation Report

## 1 RF EXPOSURE

<b>Product Name</b>	Car Media Receiver
<b>Model No.</b>	AVM700Ui, XVM700Ui,JVM700Ui,JVM700UiS, AVM700UiS,AVM700USN,CMM7720,CMM720, CMR2720,XDM700U,DM620N,XVM279NAV
<b>FCC ID</b>	2AFXA-AVM700UI

### 1.1 LIMITS

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances  $\leq 50$  mm are determined by:

$$\left[ \frac{\text{(max. power of channel, including tune-up tolerance, mW)}}{\text{(min. test separation distance, mm)}} \right] \cdot \sqrt{f(\text{GHz})} \leq 3.0 \text{ for 1-g SAR and } \leq 7.5 \text{ for 10-g extremity SAR, where}$$

- ☐  $f(\text{GHz})$  is the RF channel transmit frequency in GHz
- ☐ Power and distance are rounded to the nearest mW and mm before calculation<sup>17</sup>
- ☐ The result is rounded to one decimal place for comparison

The test exclusions are applicable only when the minimum test separation distance is  $\leq 50$  mm and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is  $< 5$  mm, a distance of 5 mm is applied to determine SAR test exclusion

## 1.2 EUT RF EXPOSURE EVALUATION

Operational Mode: EDR (pi/4DQPSK worst case)						
Channel	Maximum Peak Conducted Output Power (dBm)	Tune up tolerance (dB)	Maximum tune-up Power(dB m)	Maximum tune-up Power(mW )	Calculated value	Exclusion threshold
2402MHz	5.19	± 1	6.19	4.16	1.29	3
2441MHz	4.97	± 1	5.97	3.95	1.24	3
2480MHz	4.67	± 1	5.67	3.65	1.16	3
Conclusion: the calculated value ≤3.0, SAR is exempted.						