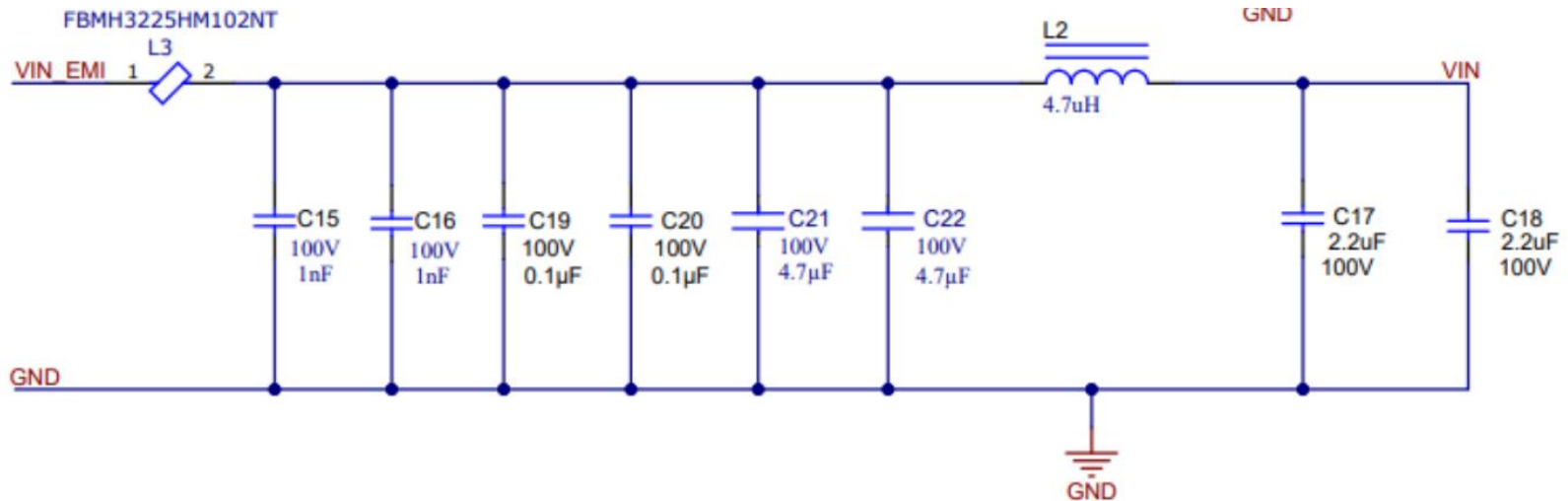


NIXON 80V EVM CE Performance (LMR380XXF, LMR380XXS)

1. Schematic and Layout

Please refer to the EVM user guide

2. Input filter parameters

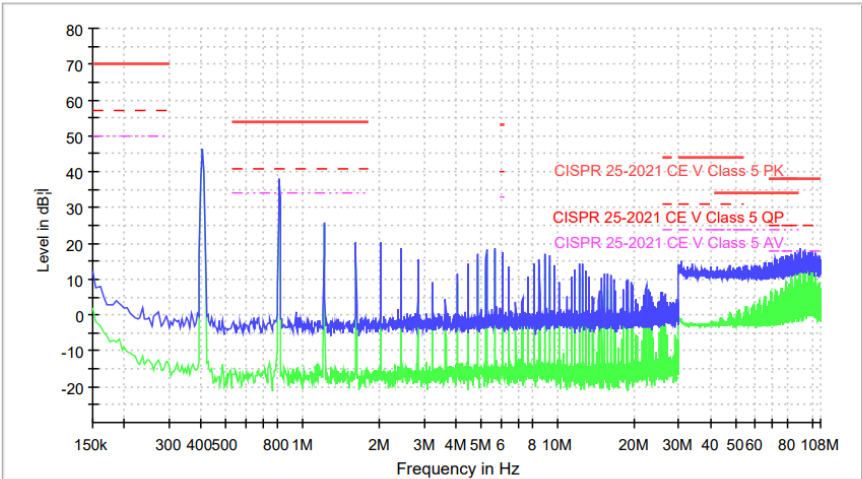


3.1 LMR380XF CE Test Results(48V->5V/2A-400kHz)

1) Positive

CISPR 25-2021 CE V PK&AV

CISPR 25-2021 CE V PK&AV

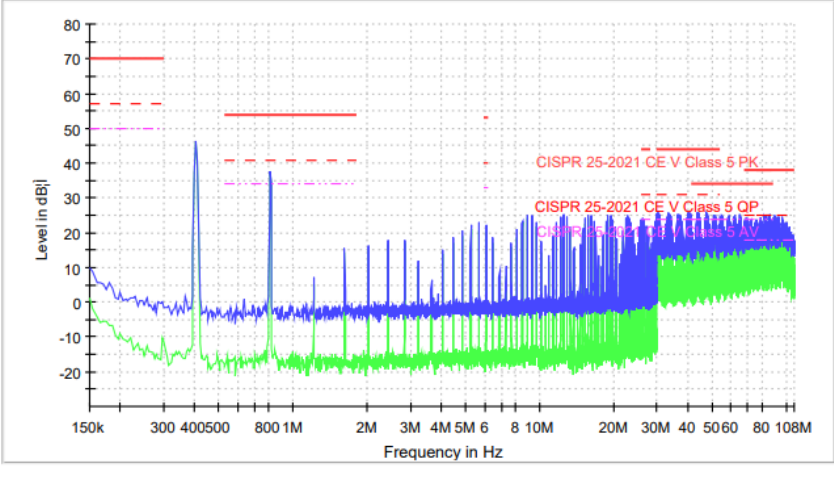


- AVG_CLRWR
- PK+_CLRWR
- CISPR 25-2021 CE V Class 5 PK
- CISPR 25-2021 CE V Class 5 AV
- - - CISPR 25-2021 CE V Class 5 QP

2) Negative

CISPR 25-2021 CE V PK&AV

CISPR 25-2021 CE V PK&AV



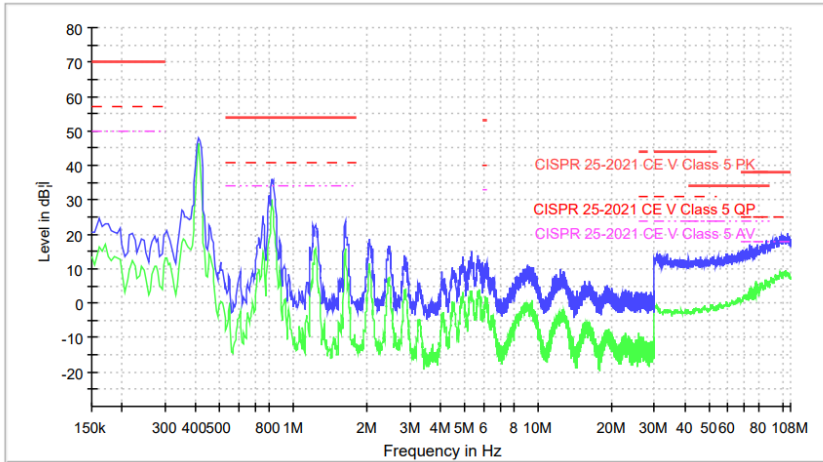
- AVG_CLRWR
- PK+_CLRWR
- CISPR 25-2021 CE V Class 5 PK
- CISPR 25-2021 CE V Class 5 AV
- - - CISPR 25-2021 CE V Class 5 QP

3.1 LMR380XXS CE Test Results(48V->5V/2A-400kHz)

1) Positive

CISPR 25-2021 CE V PK&AV

CISPR 25-2021 CE V PK&AV

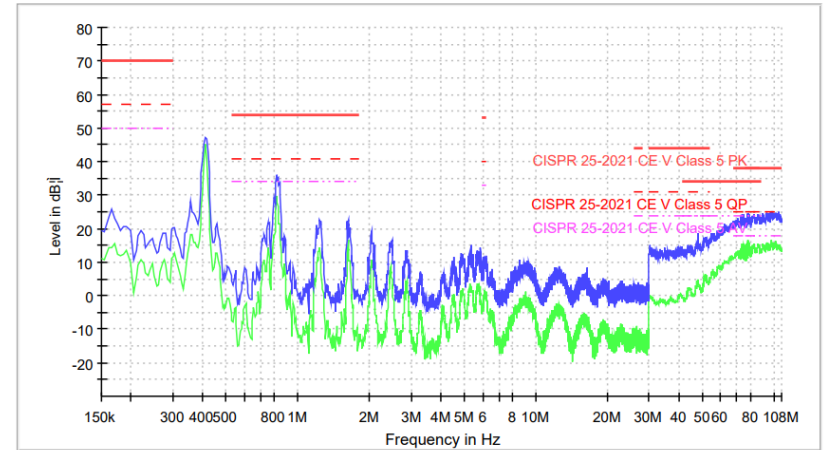


- AVG_CLRWR
- PK+_CLRWR
- CISPR 25-2021 CE V Class 5 PK
- - - CISPR 25-2021 CE V Class 5 QP
- - - CISPR 25-2021 CE V Class 5 AV

2) Negative

CISPR 25-2021 CE V PK&AV

CISPR 25-2021 CE V PK&AV



- AVG_MAXH
- PK+_MAXH
- CISPR 25-2021 CE V Class 5 PK
- - - CISPR 25-2021 CE V Class 5 QP
- - - CISPR 25-2021 CE V Class 5 AV

Thank You!