Antenna port(s) with PT-RS
Antenna port(s) without PT-RS
Layer 1
DMRS port 0
PT-RS port 0
Layer 2
DMRS port 1
Layer 3
DMRS port 2
Layer 4
DMRS port 3

Without PT-RS power boosting
Transmission power per RE across per port
PT-RS
PUSCH

With 3dB PT-RS power boosting
(1 port is mapped to 2 layers)
Transmission power per RE per port
PT-RS
PUSCH