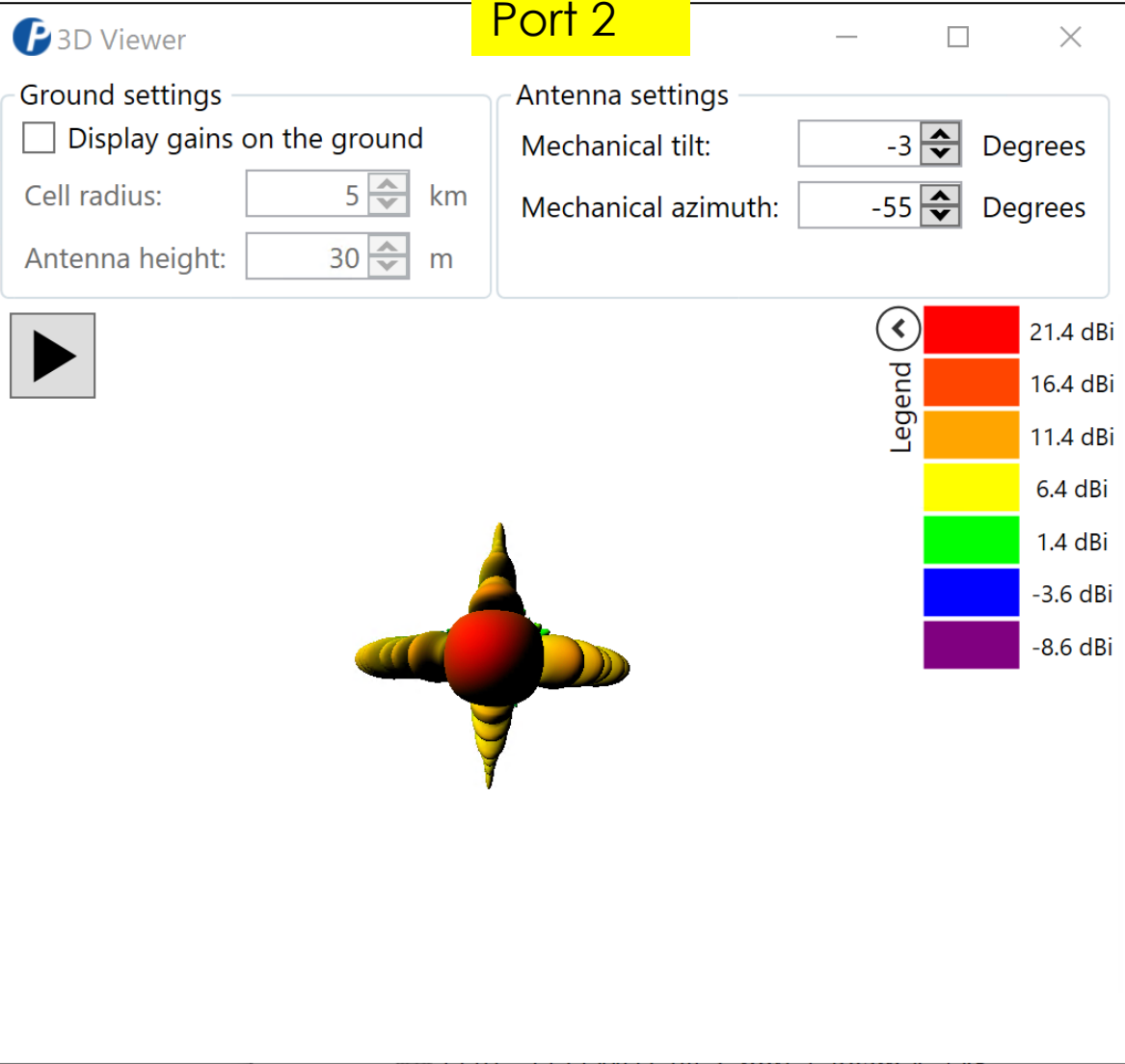
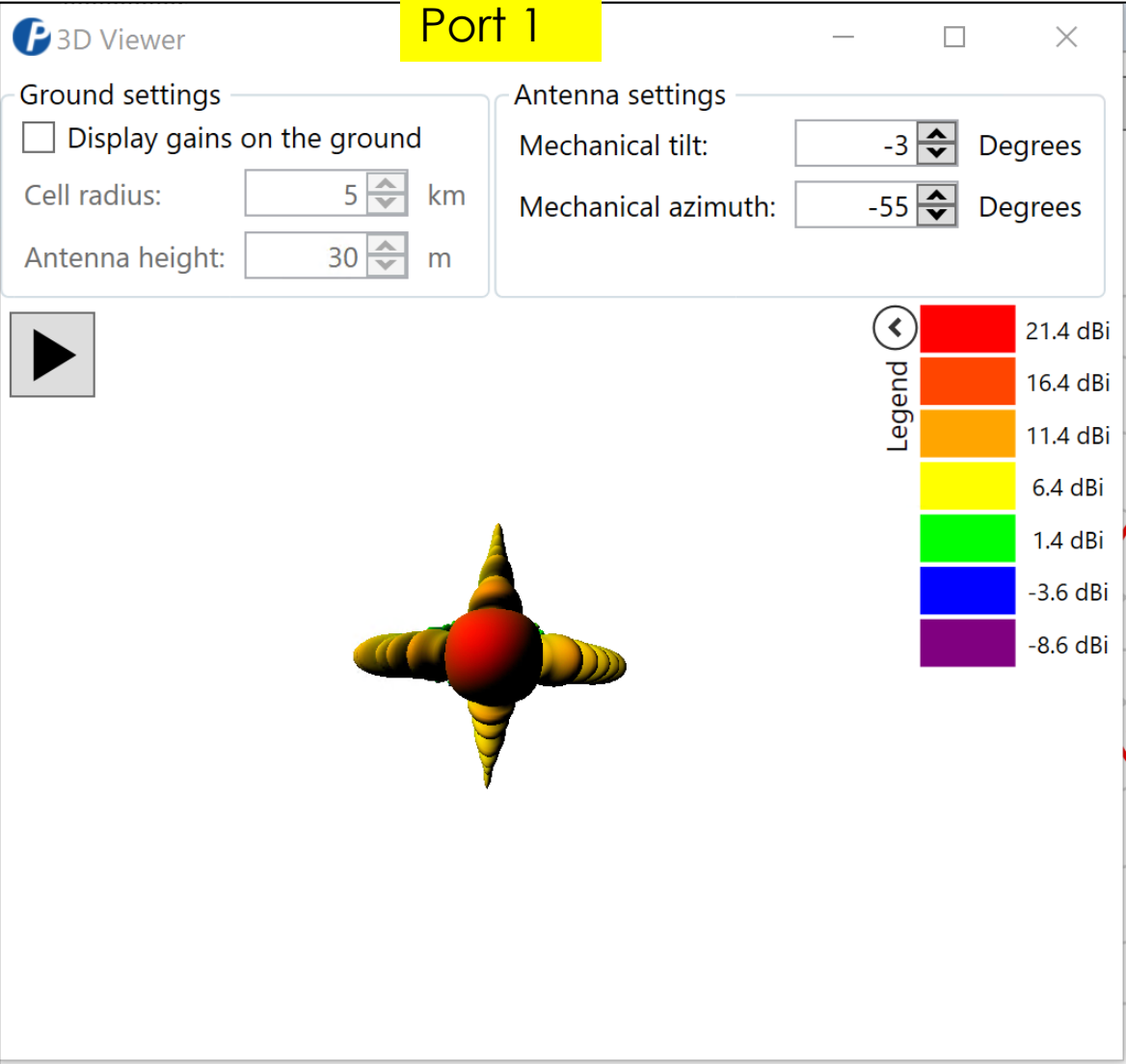
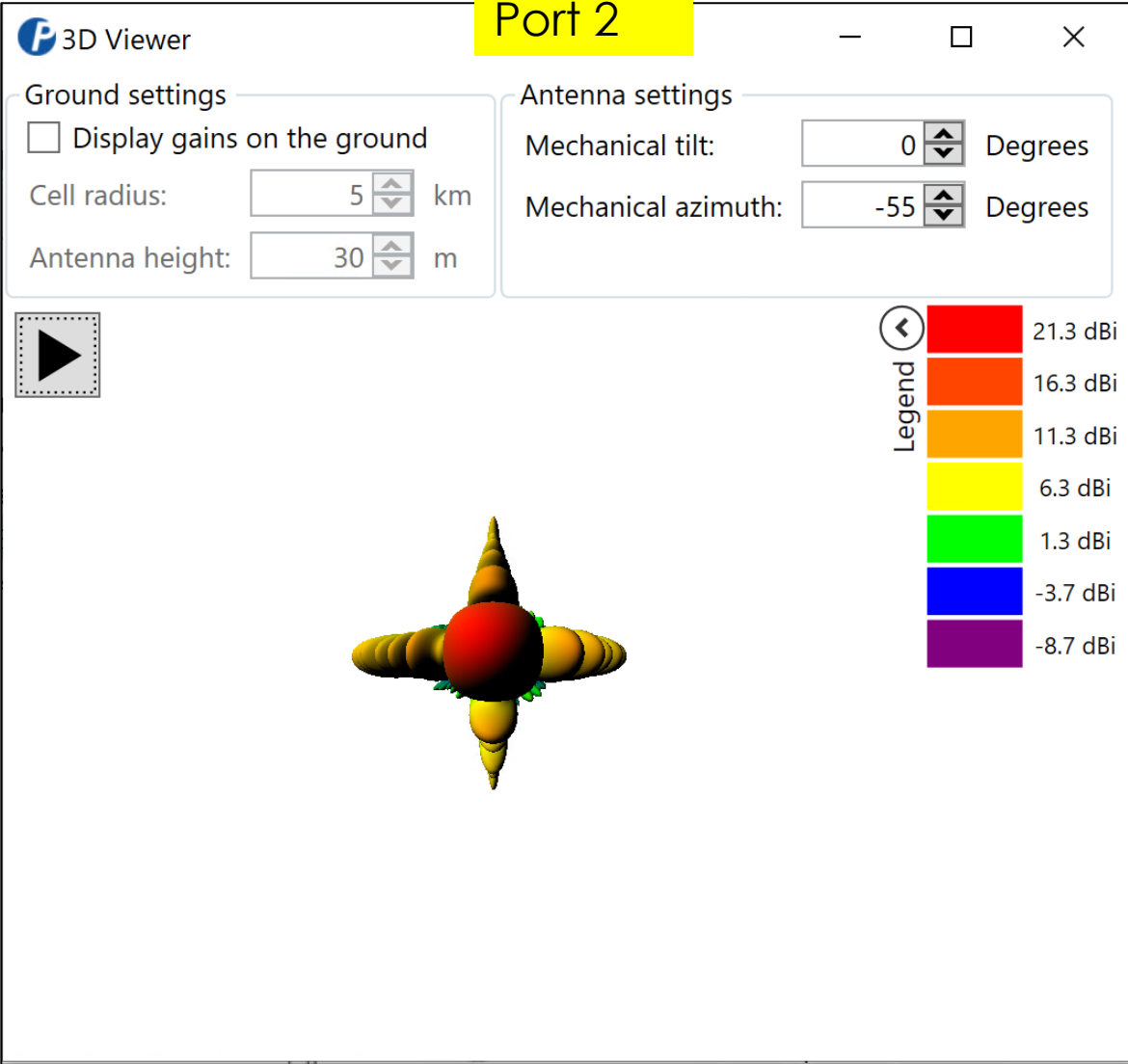
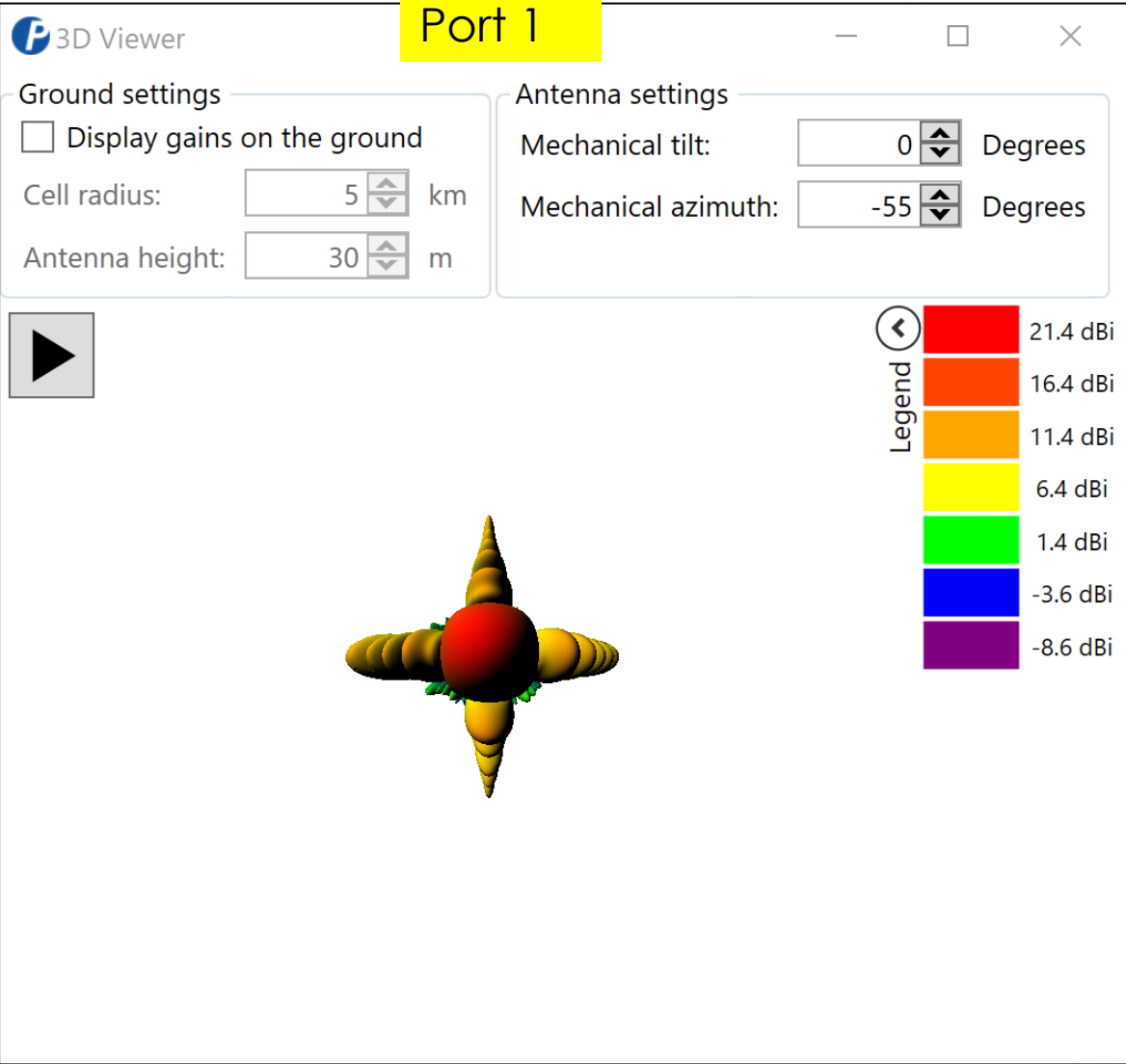


MS-12H90 PAFX Conversion
reference pattern MS-12H90 04-22-2020

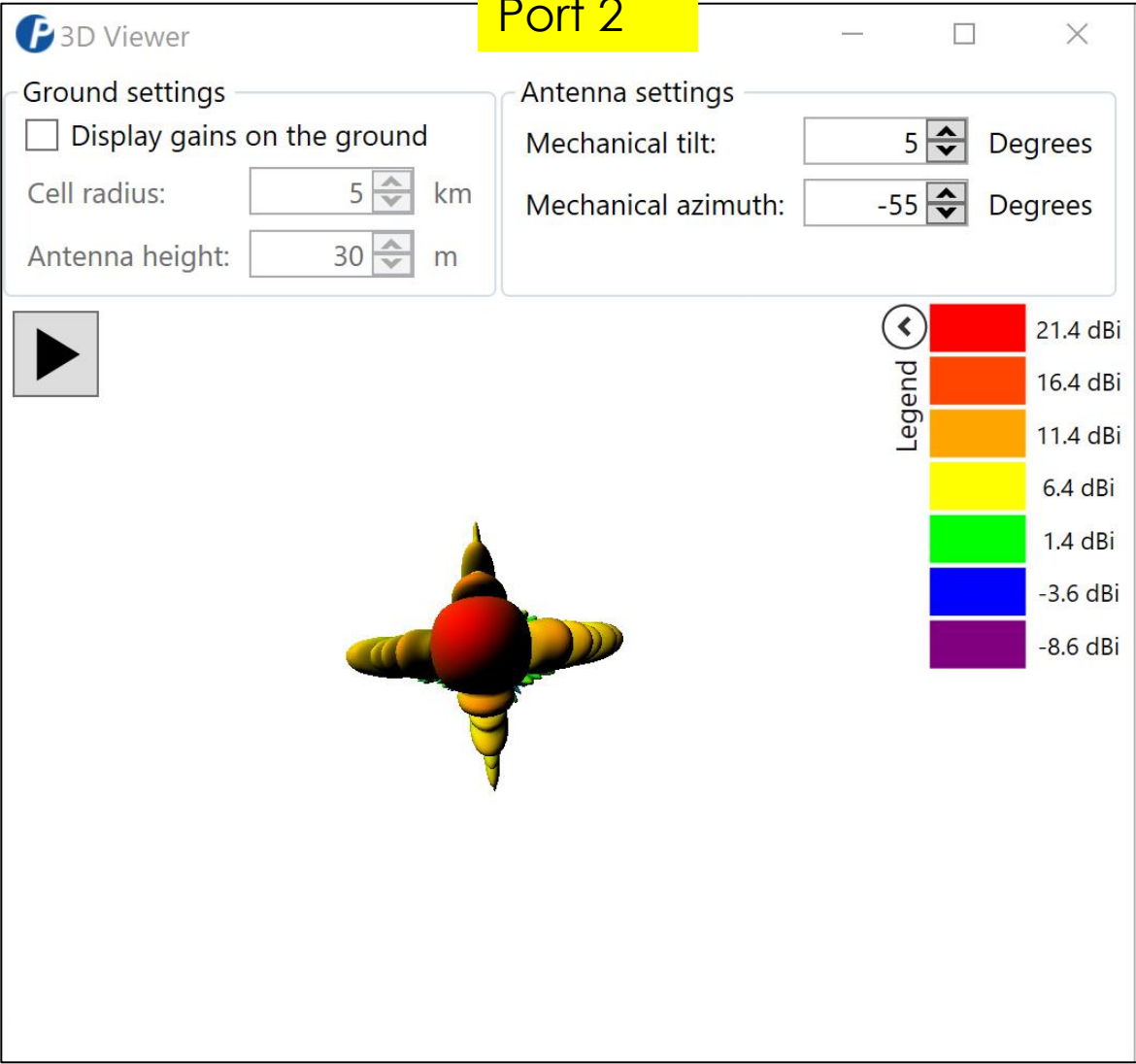
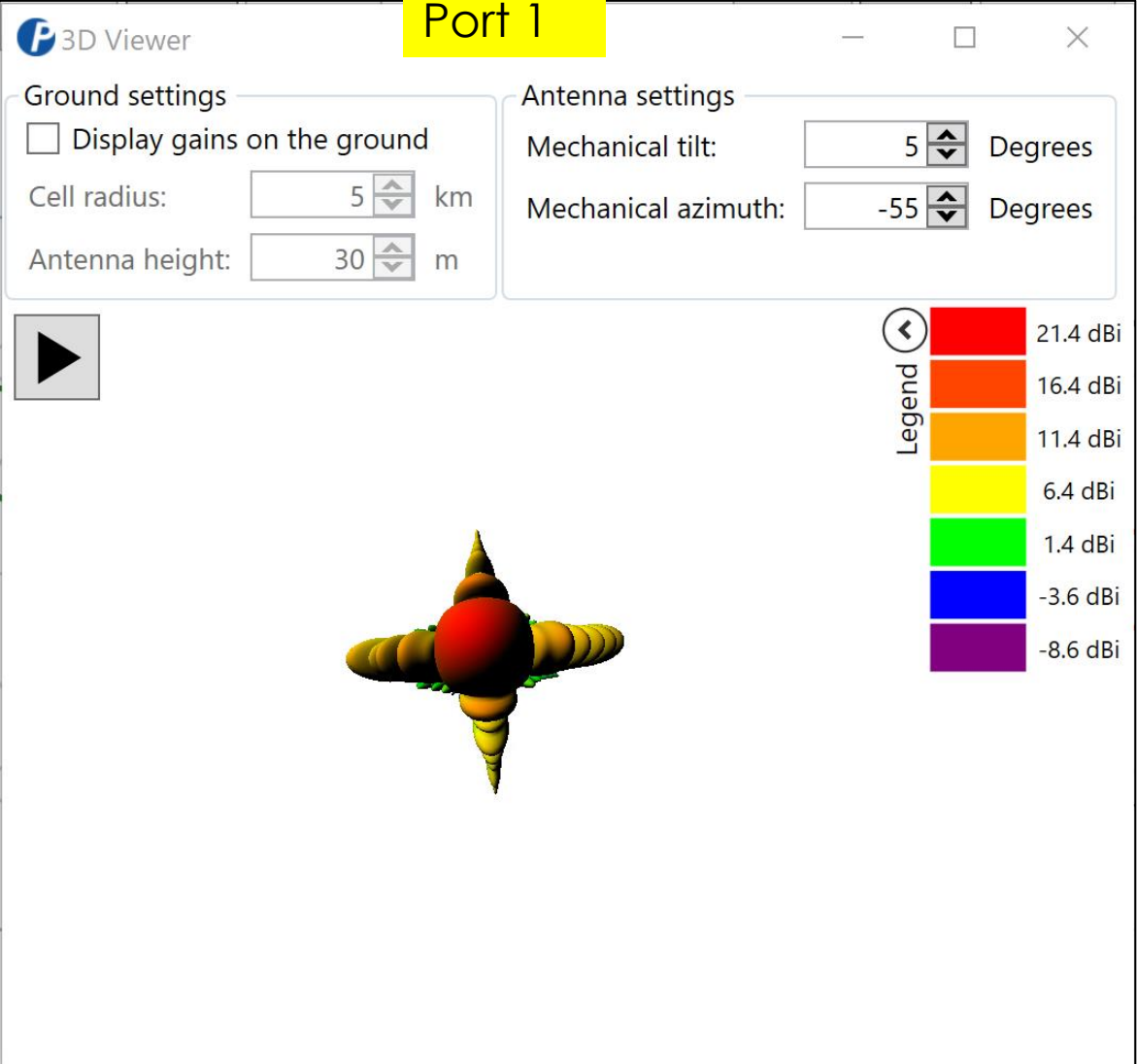
MS-12H90 (Boresight View) 1710-1722MHz T +3 Az -55



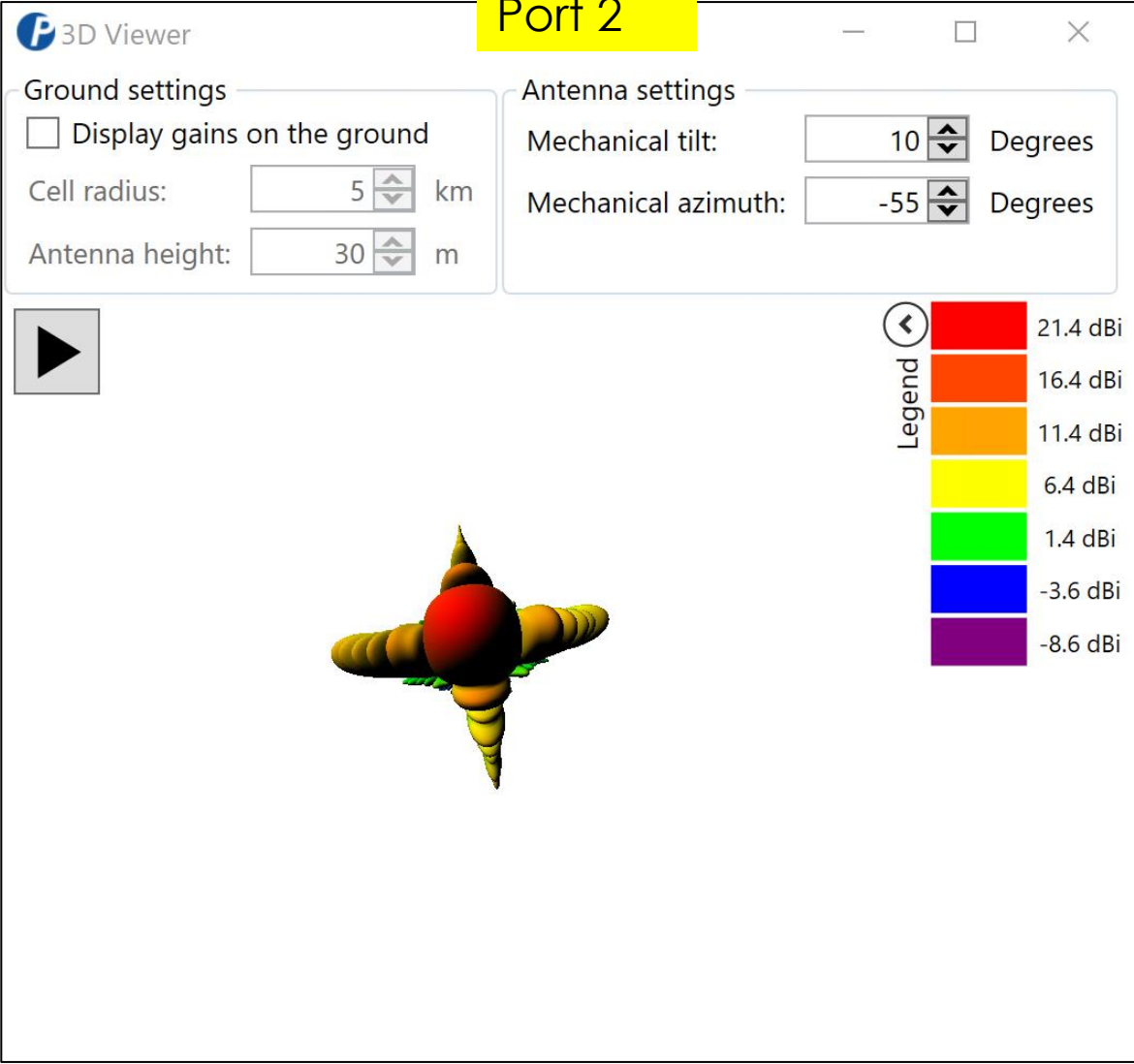
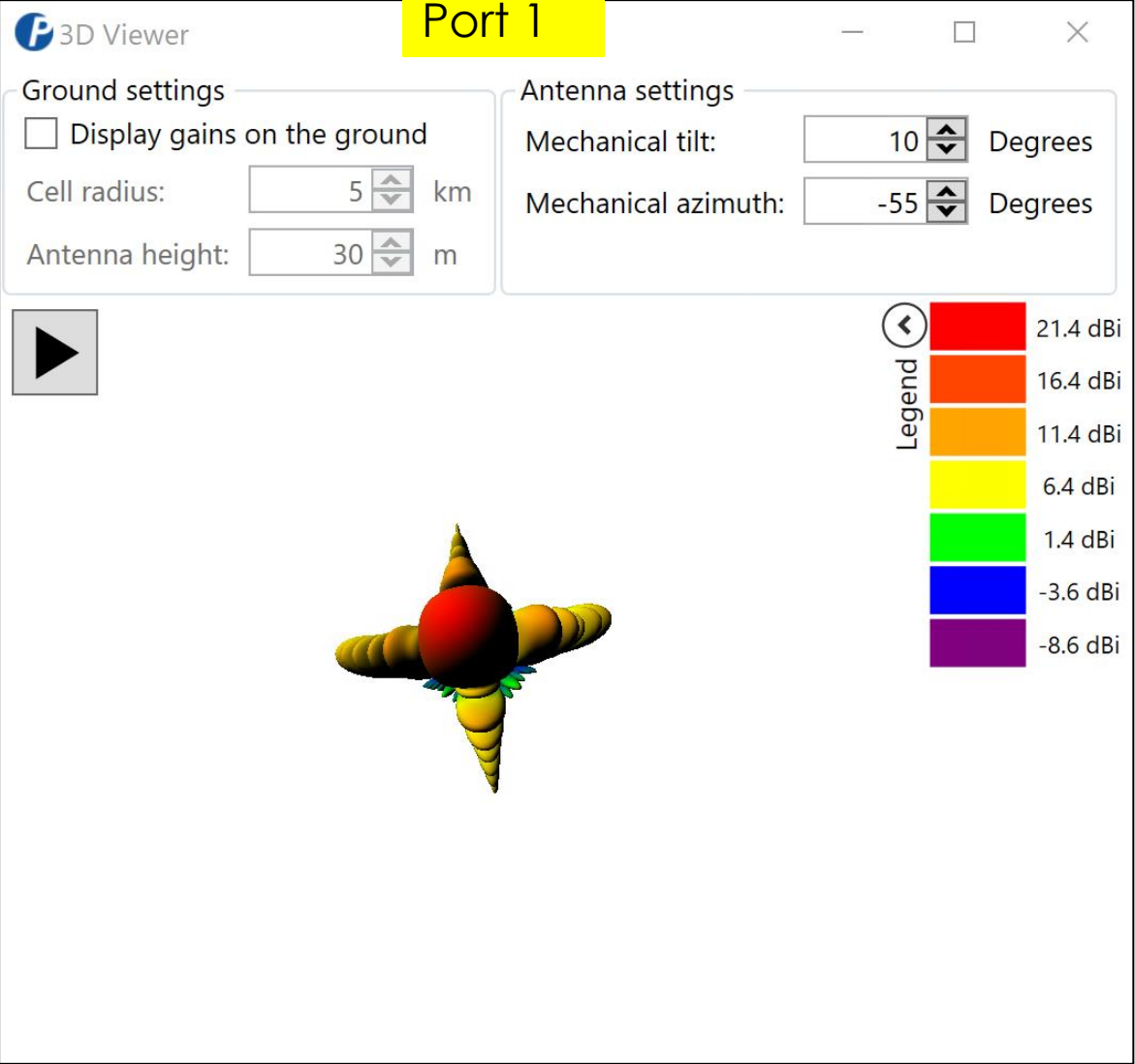
MS-12H90 (Boresight View) 1710-1722MHz T 0 Az -55



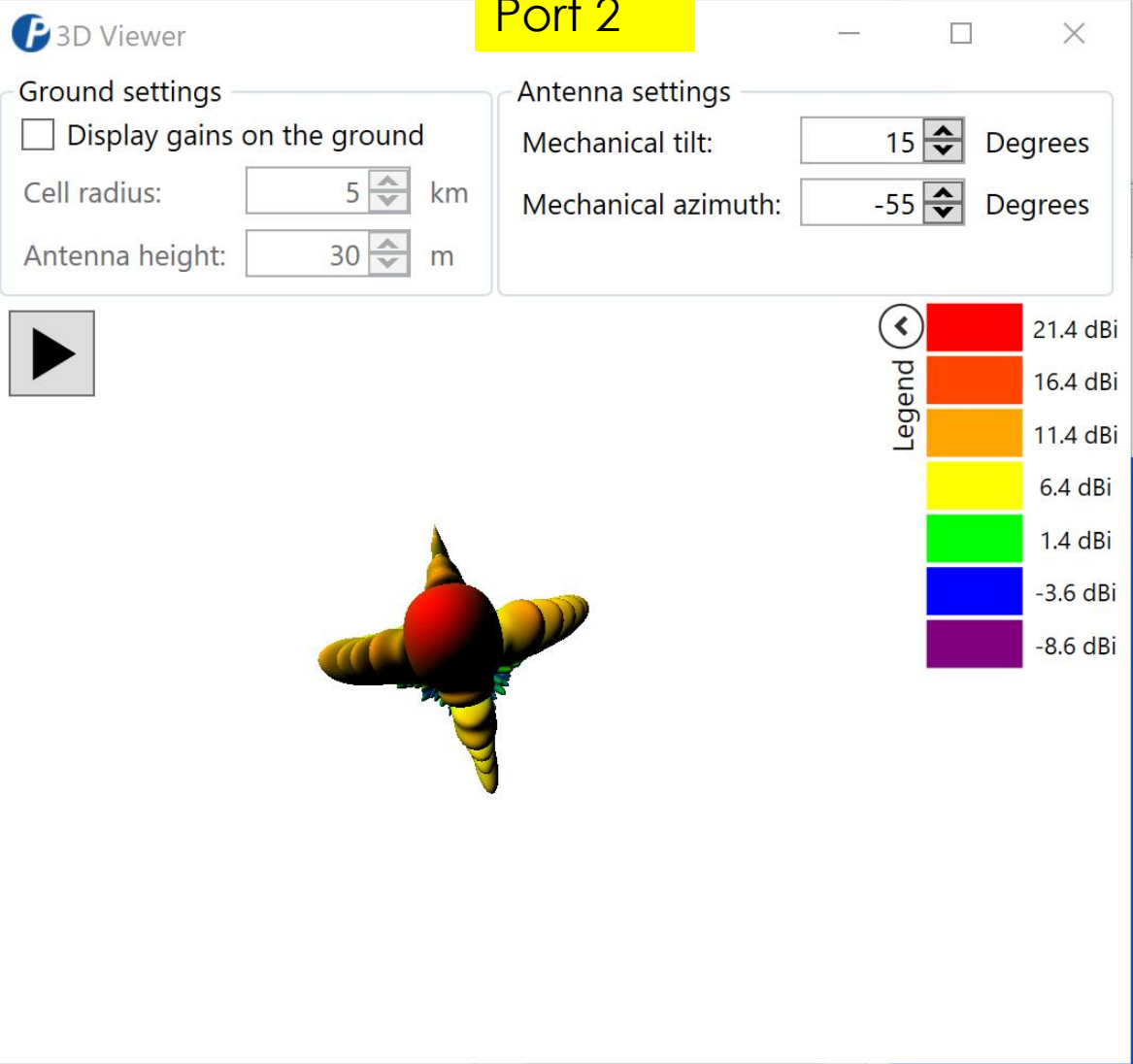
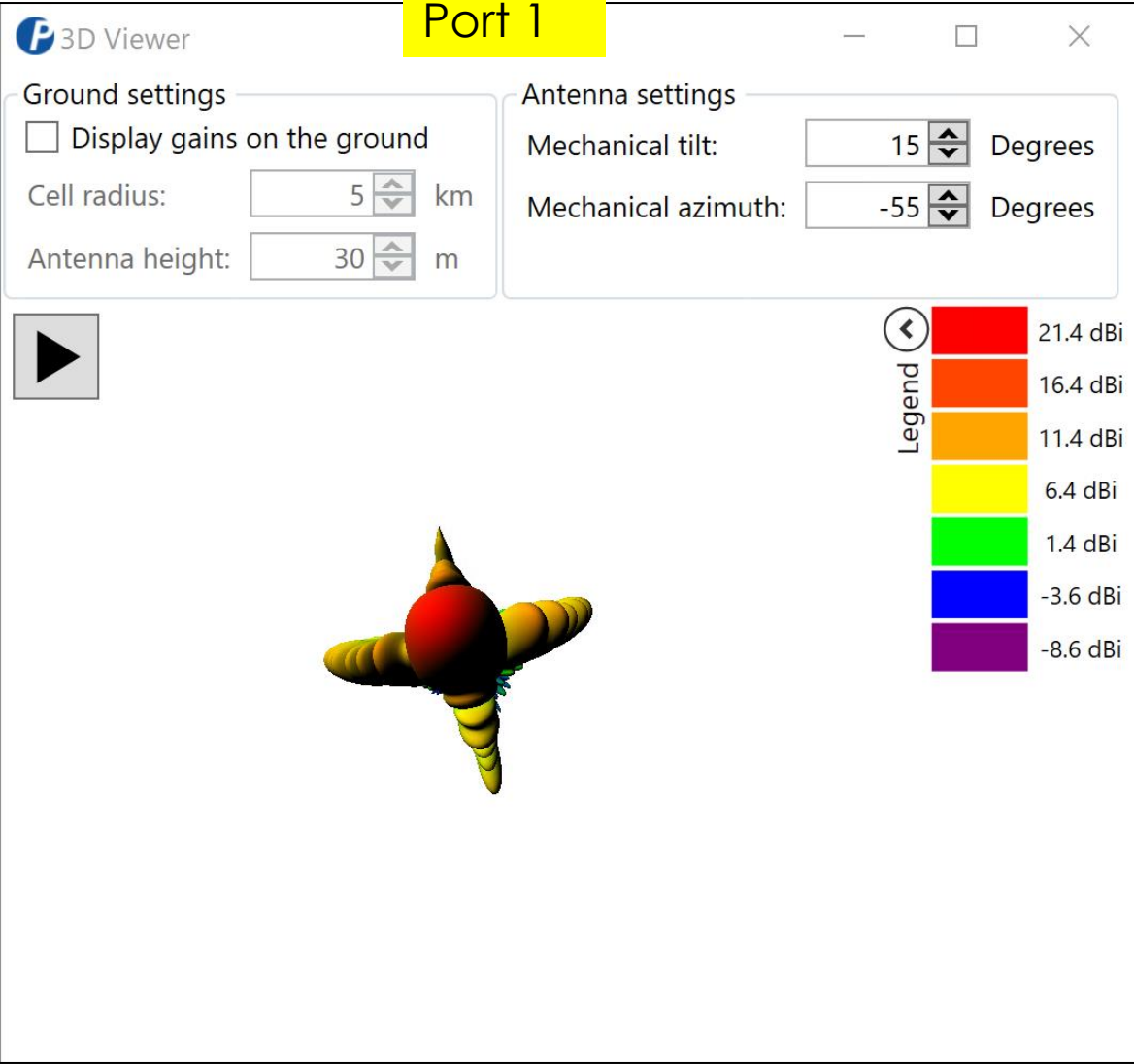
MS-12H90 (Boresight View) 1710-1722MHz T -5 Az -55



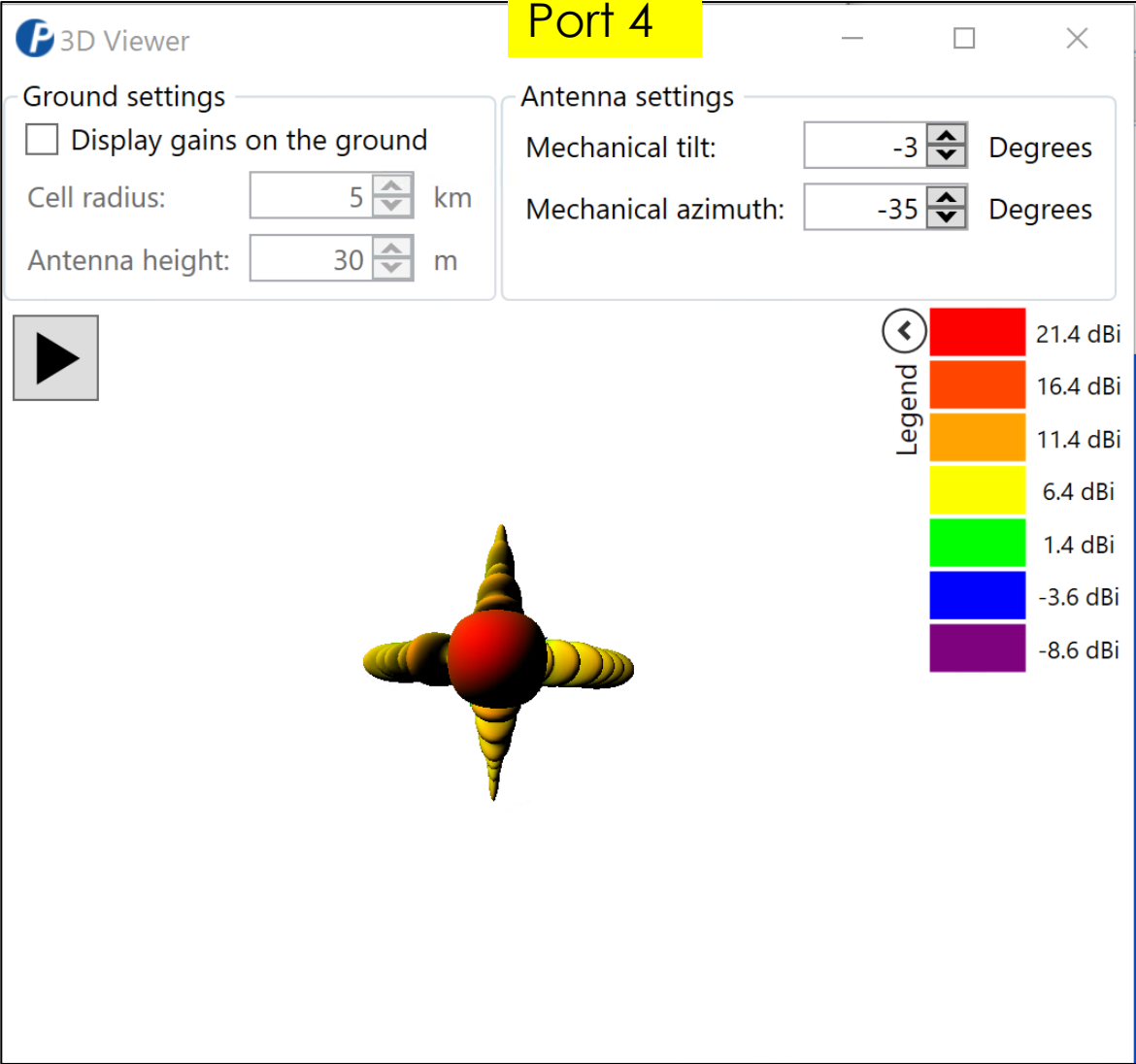
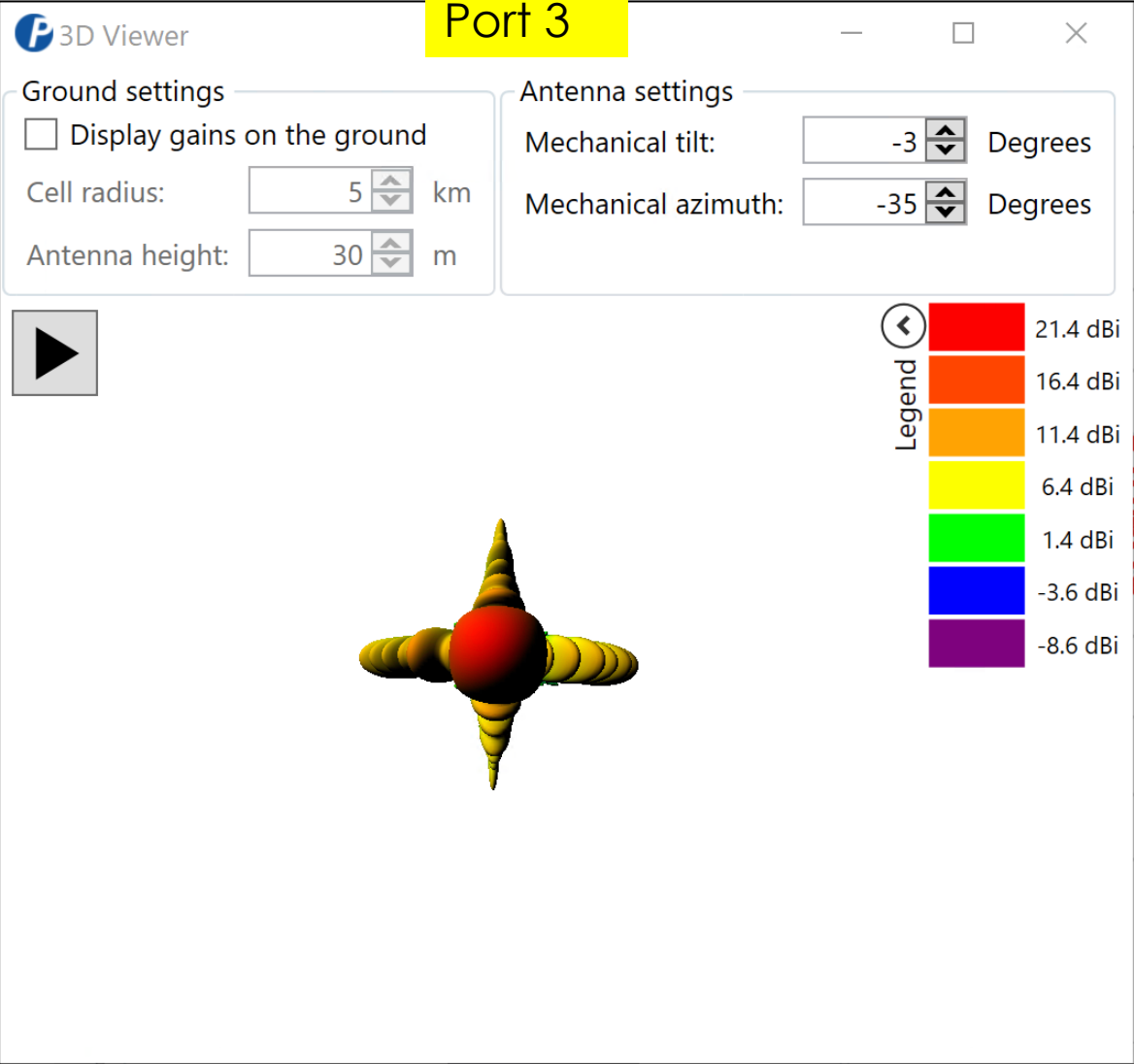
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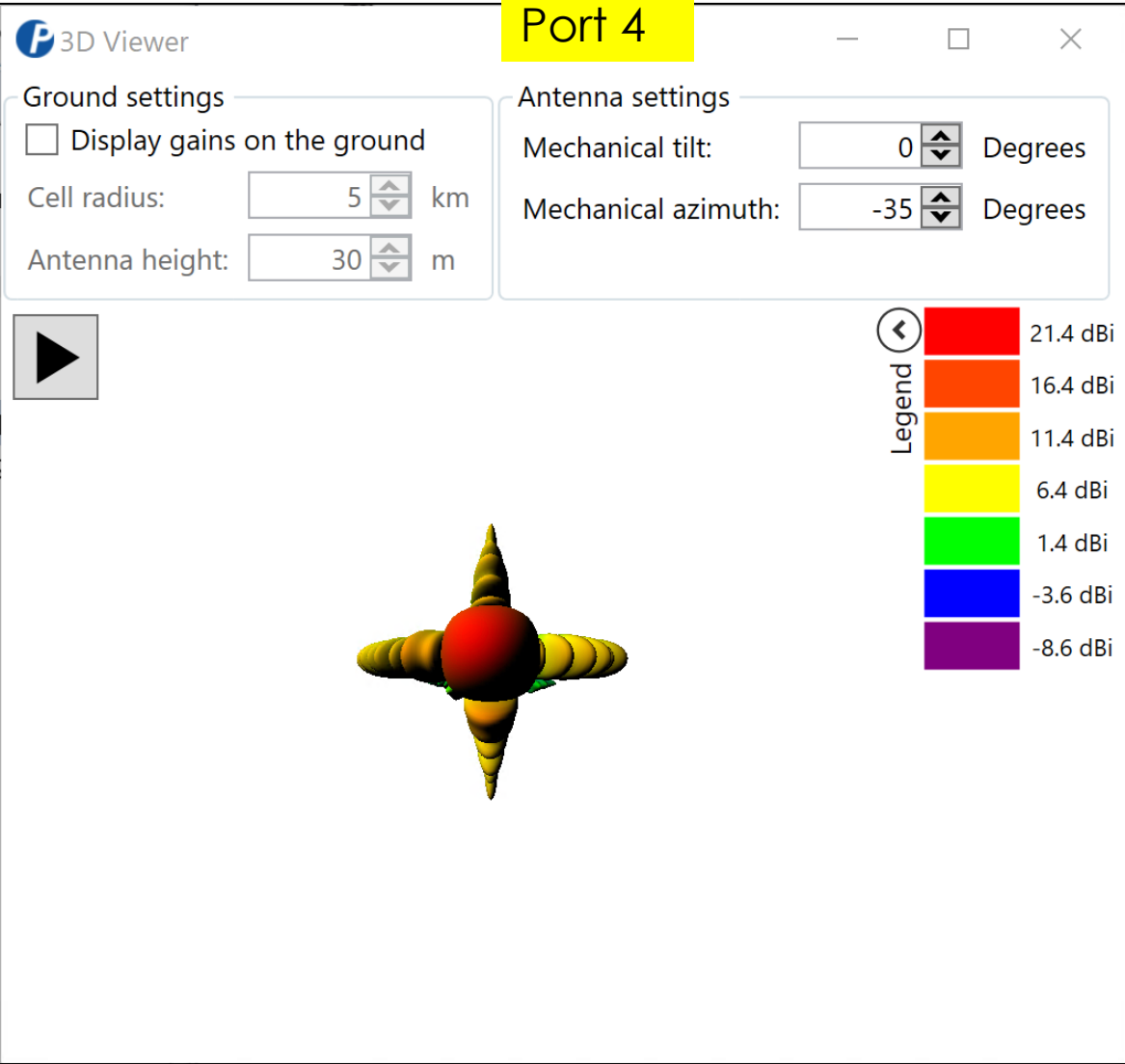
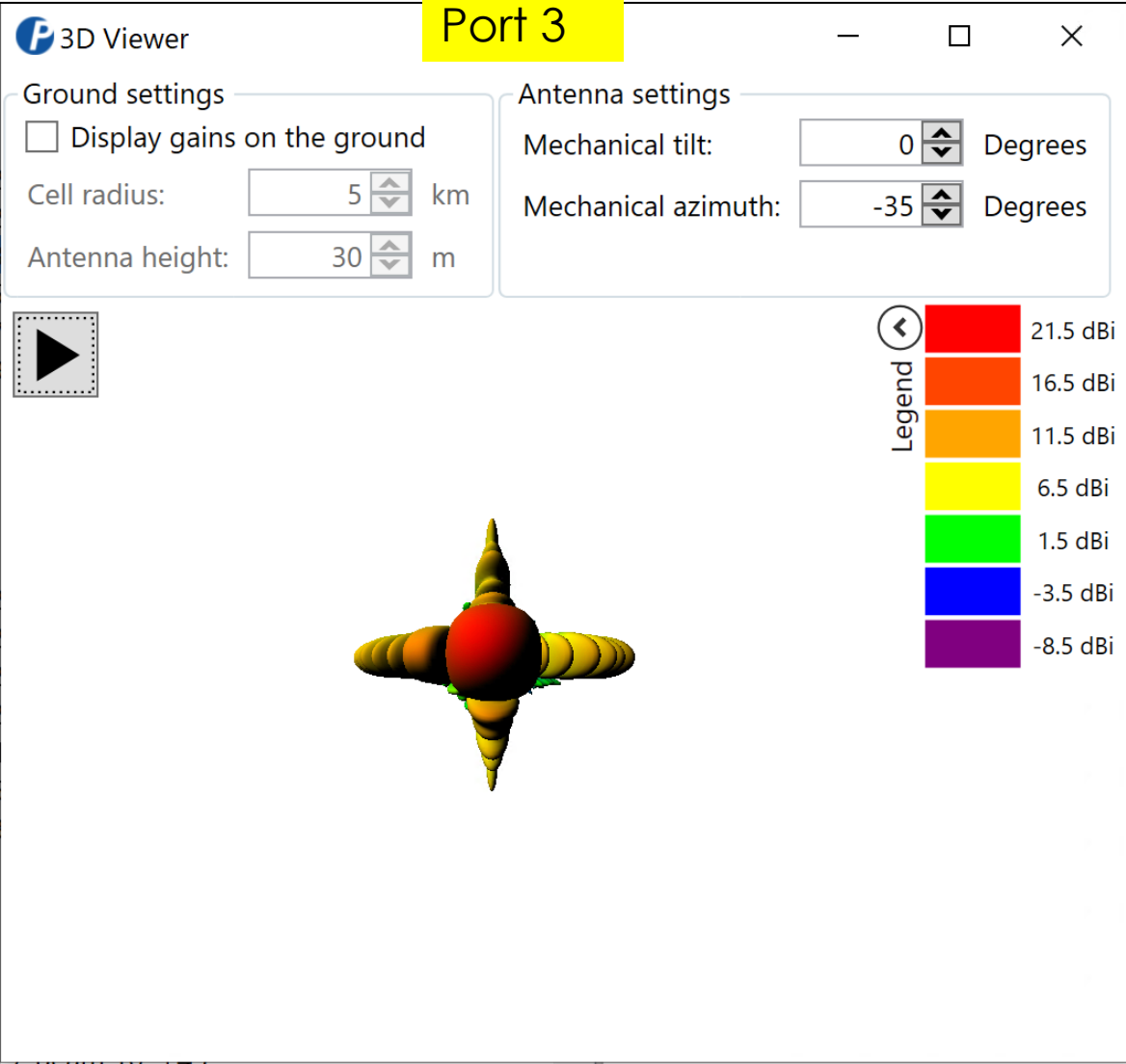
MS-12H90 (Boresight View) 1710-1722MHz T -15 Az -55



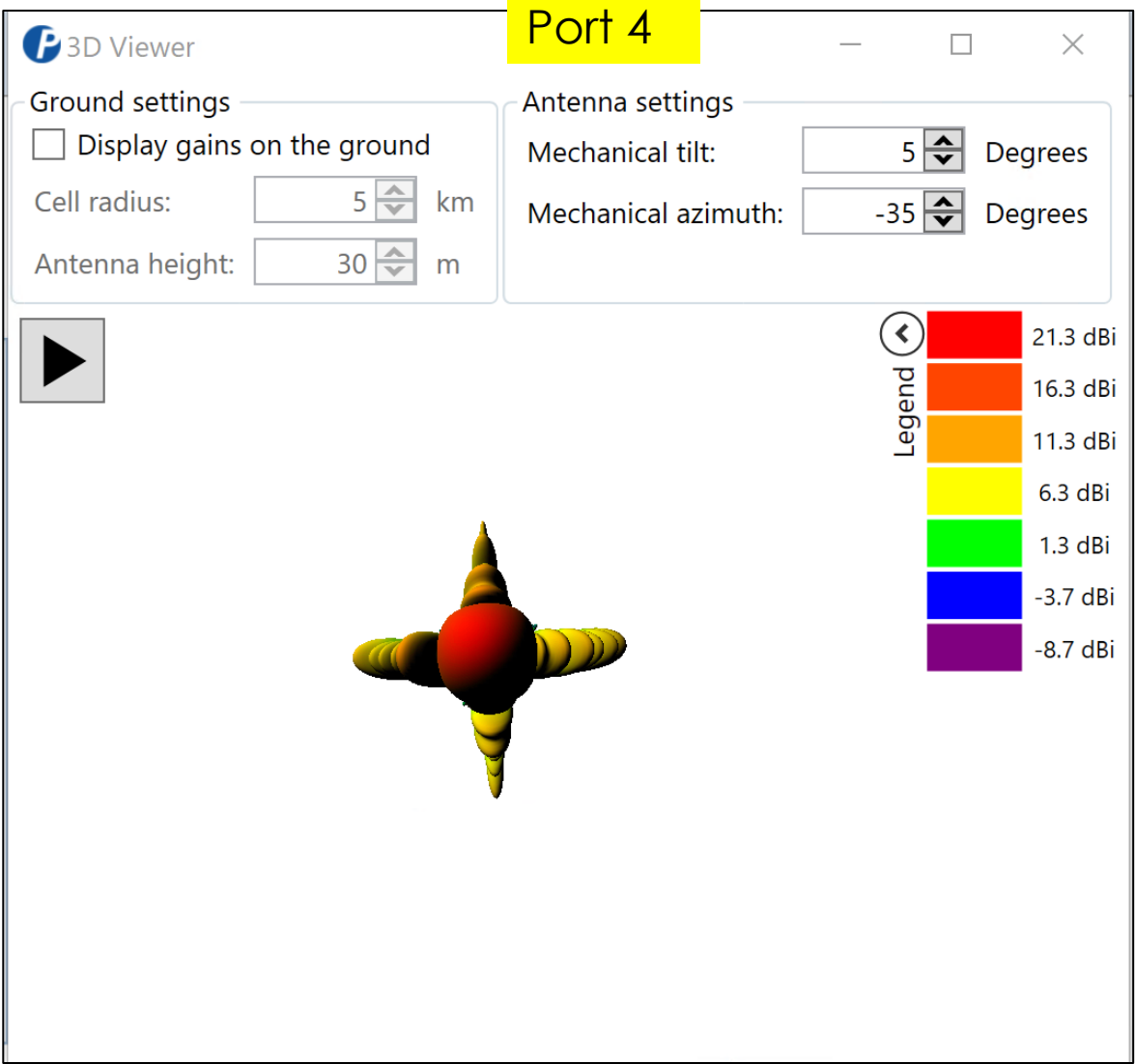
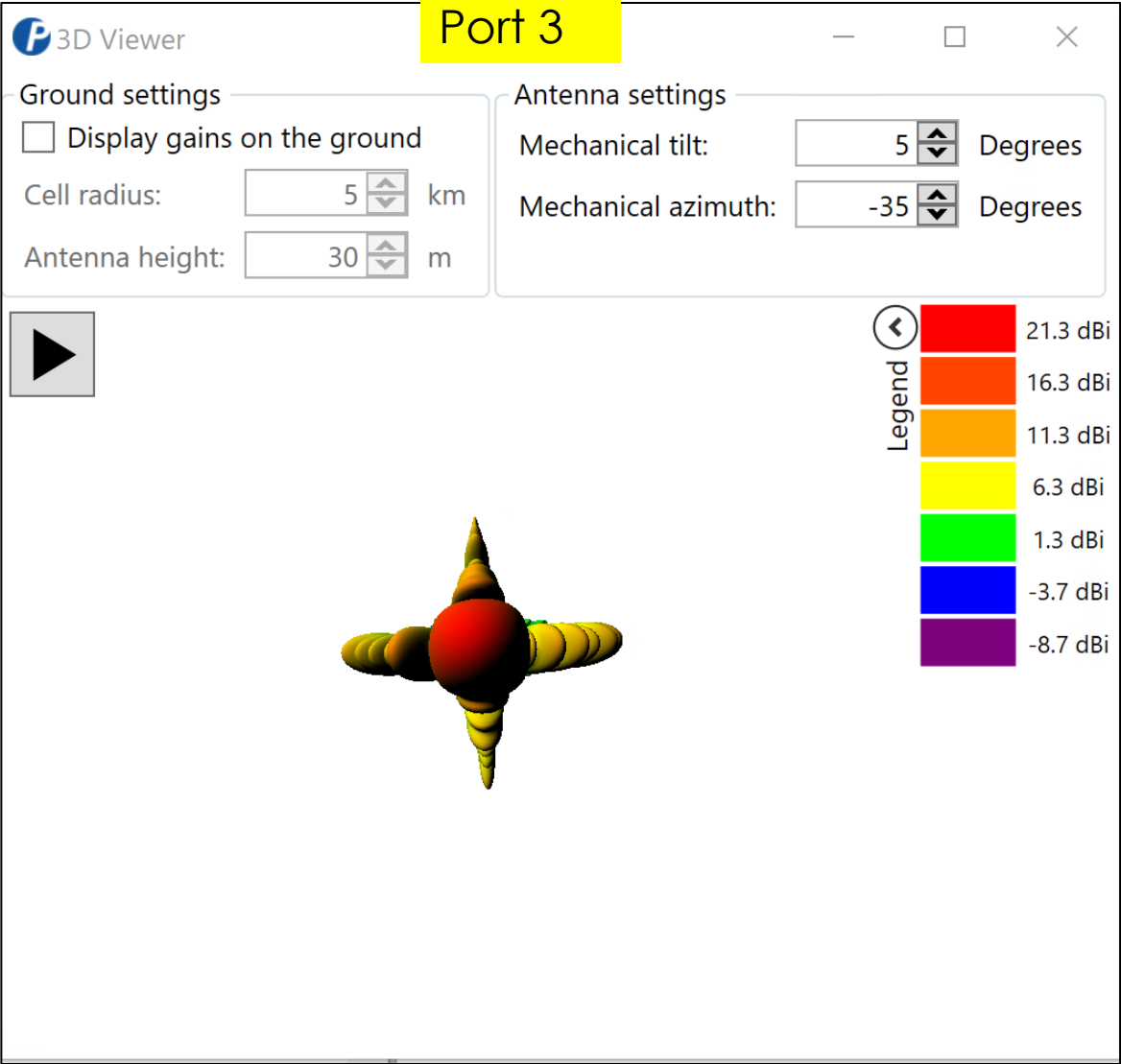
MS-12H90 (Boresight View) 1710-1722MHz T +3 Az -35



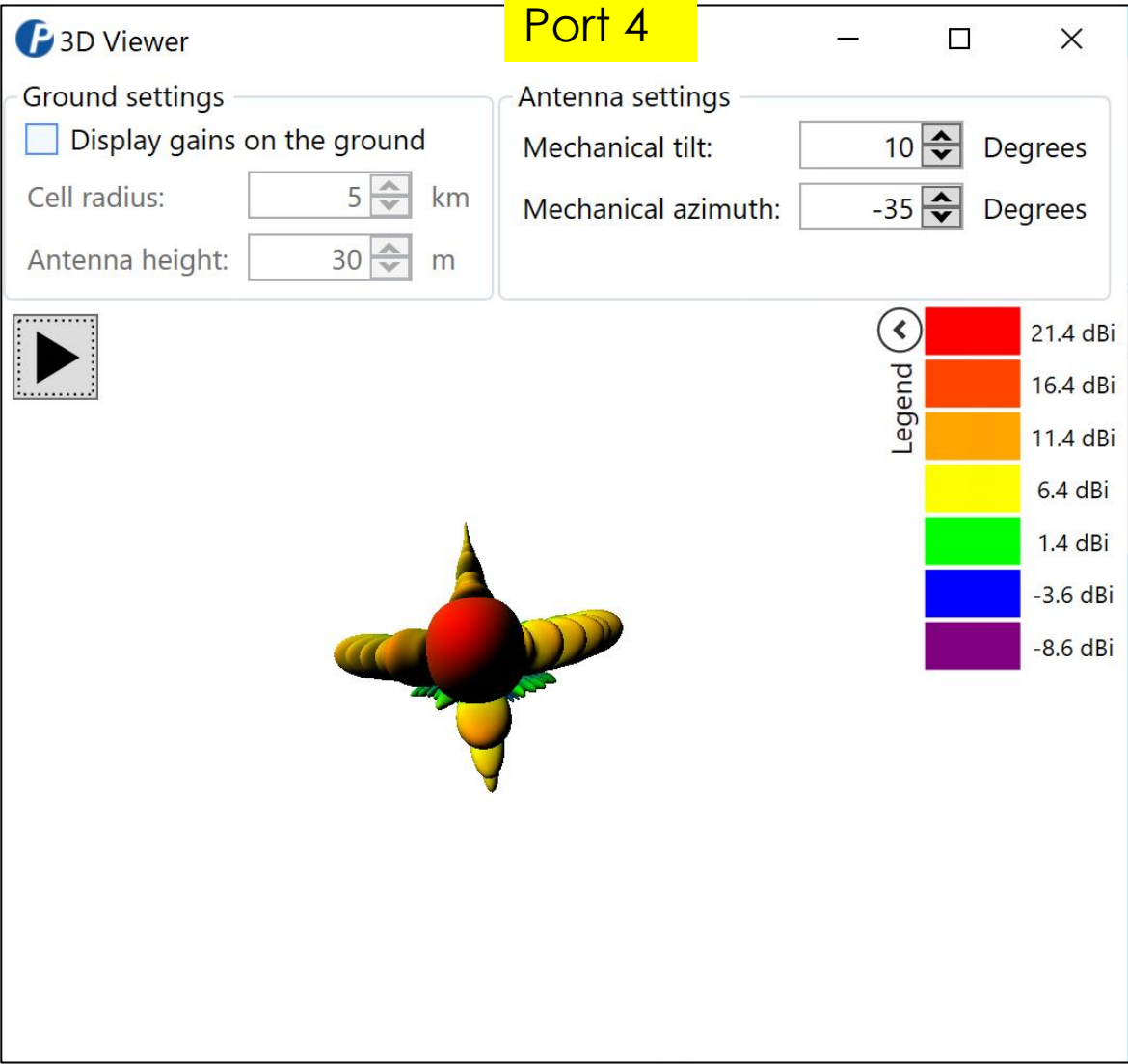
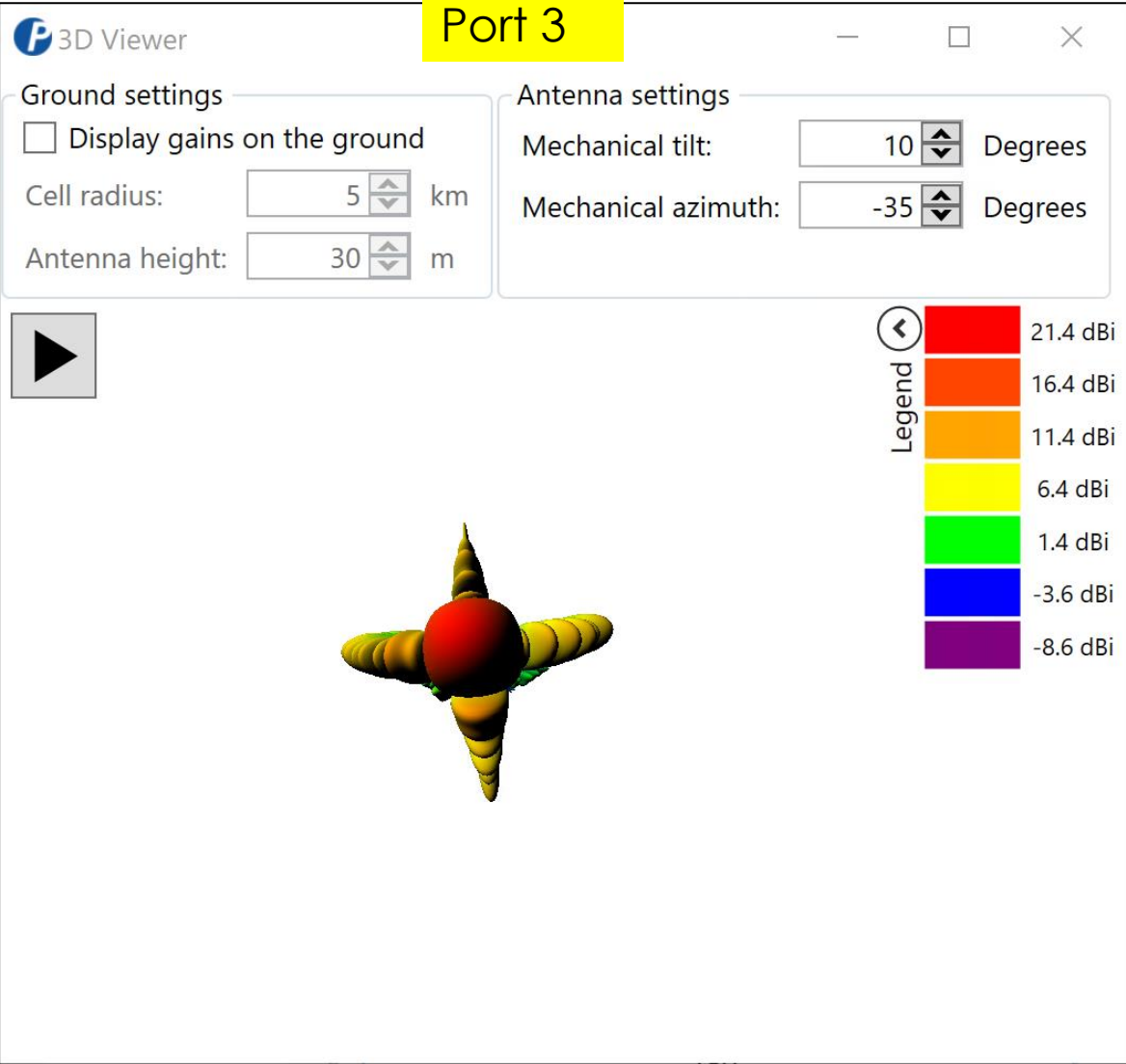
MS-12H90 (Boresight View) 1710-1722MHz T 0 Az -35



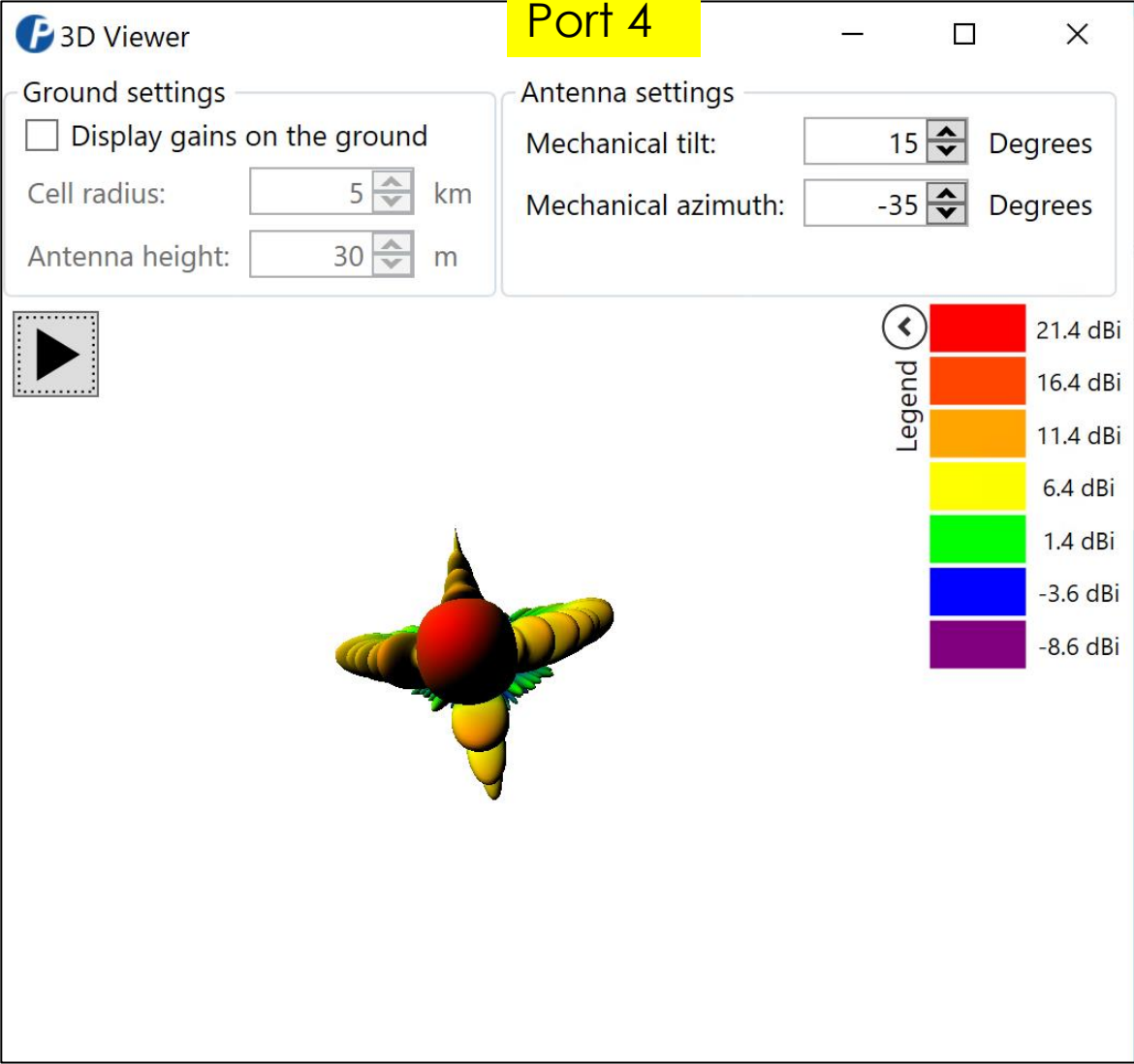
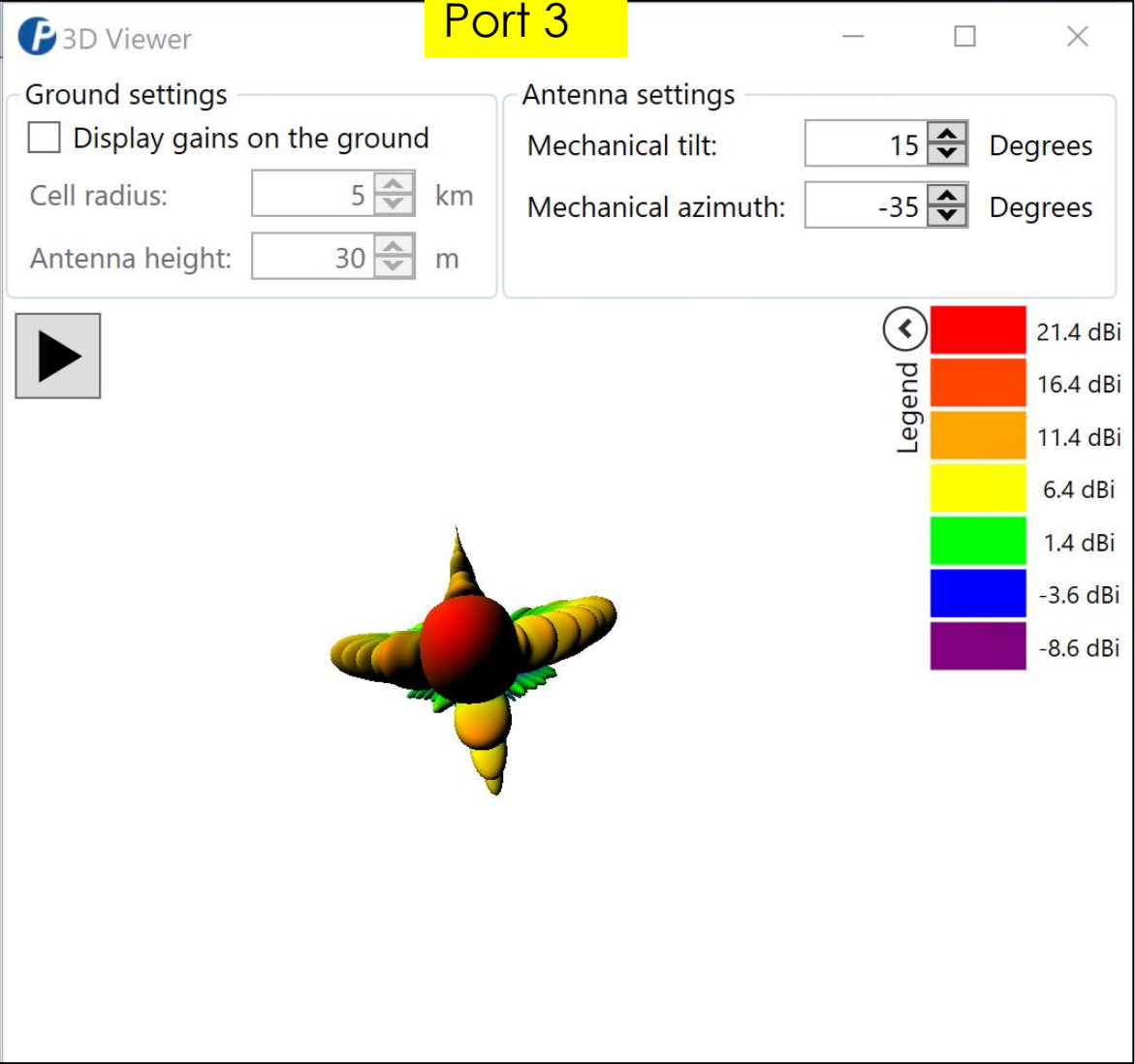
MS-12H90 (Boresight View) 1710-1722MHz T -5 Az -35



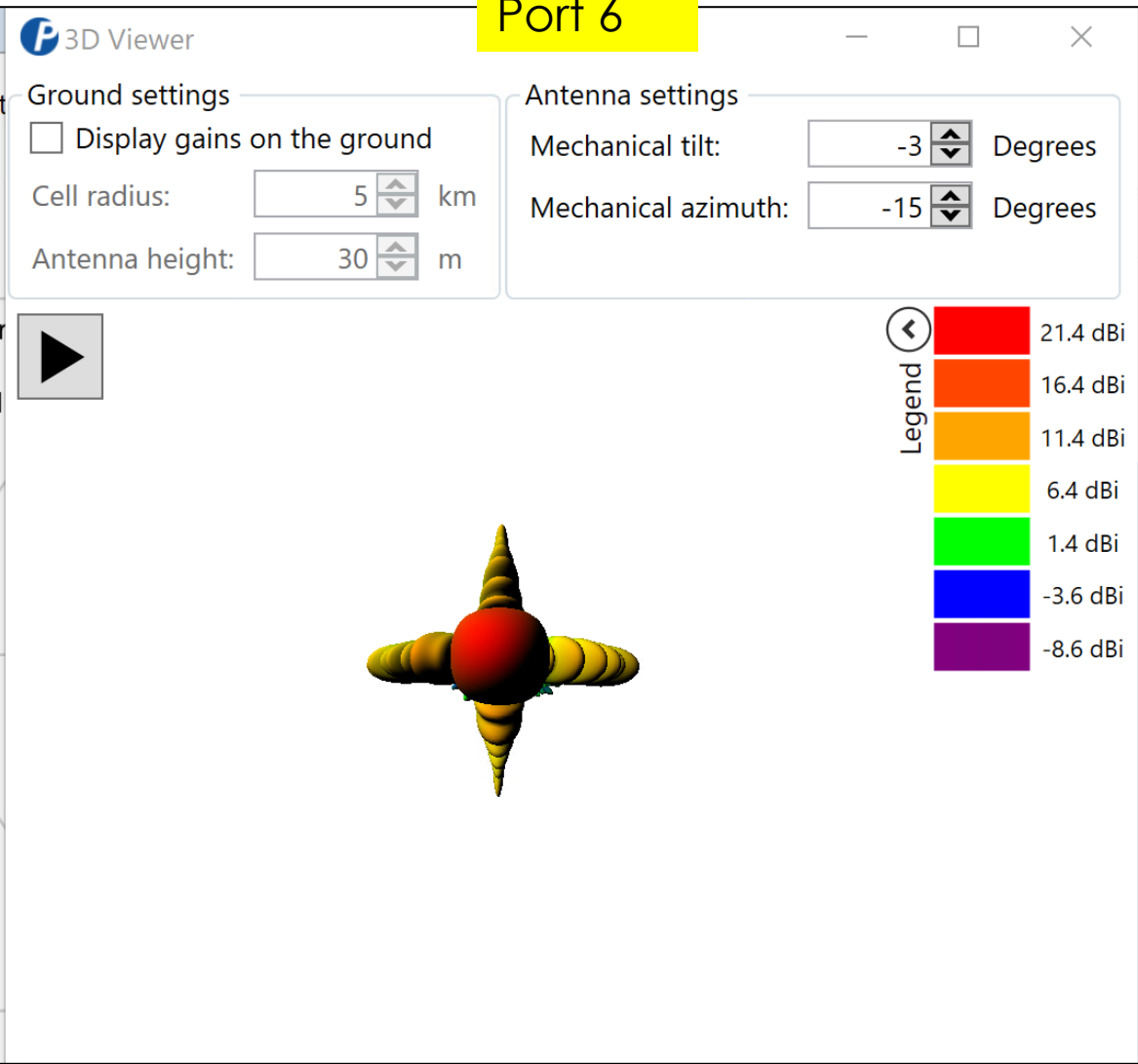
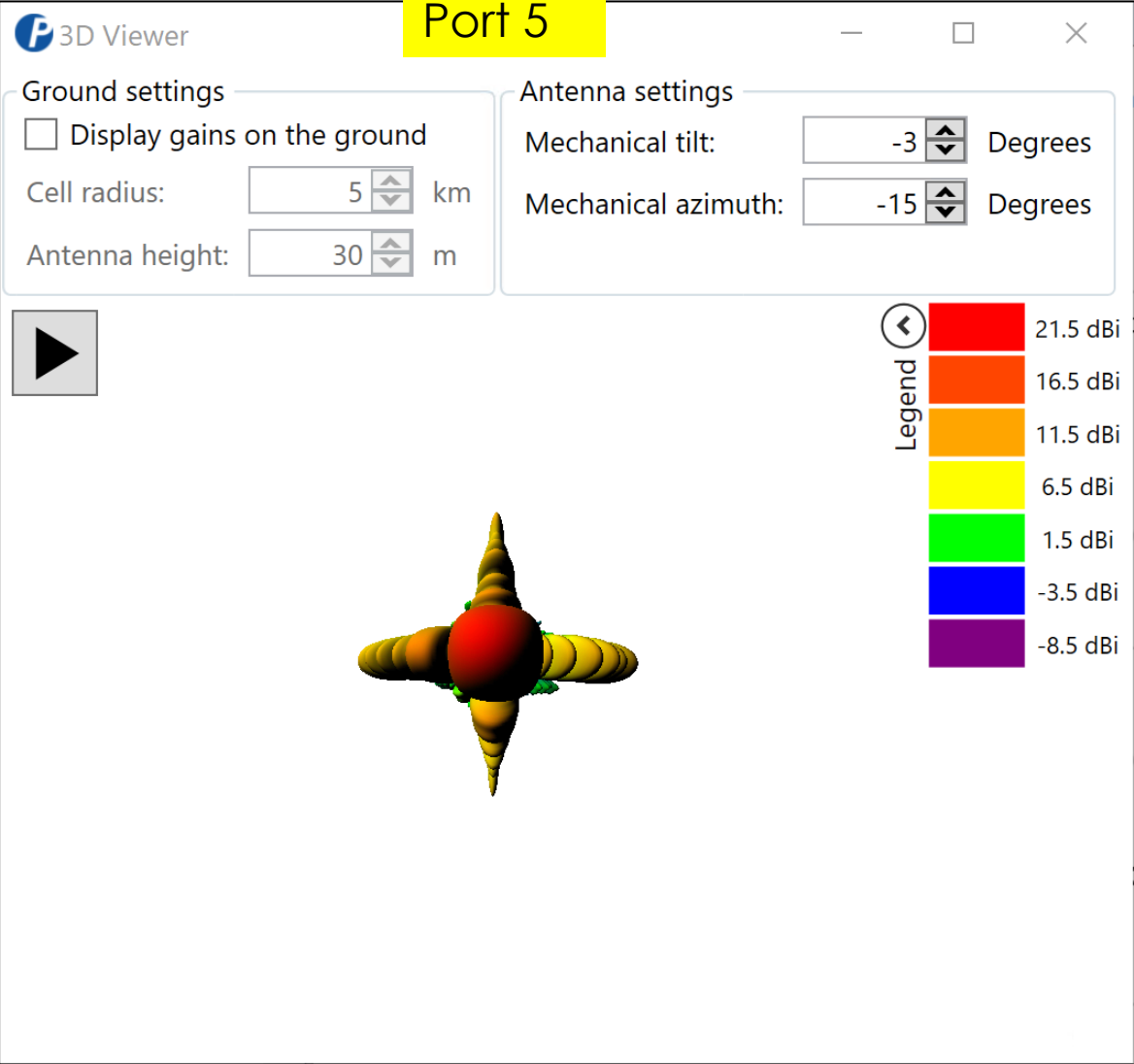
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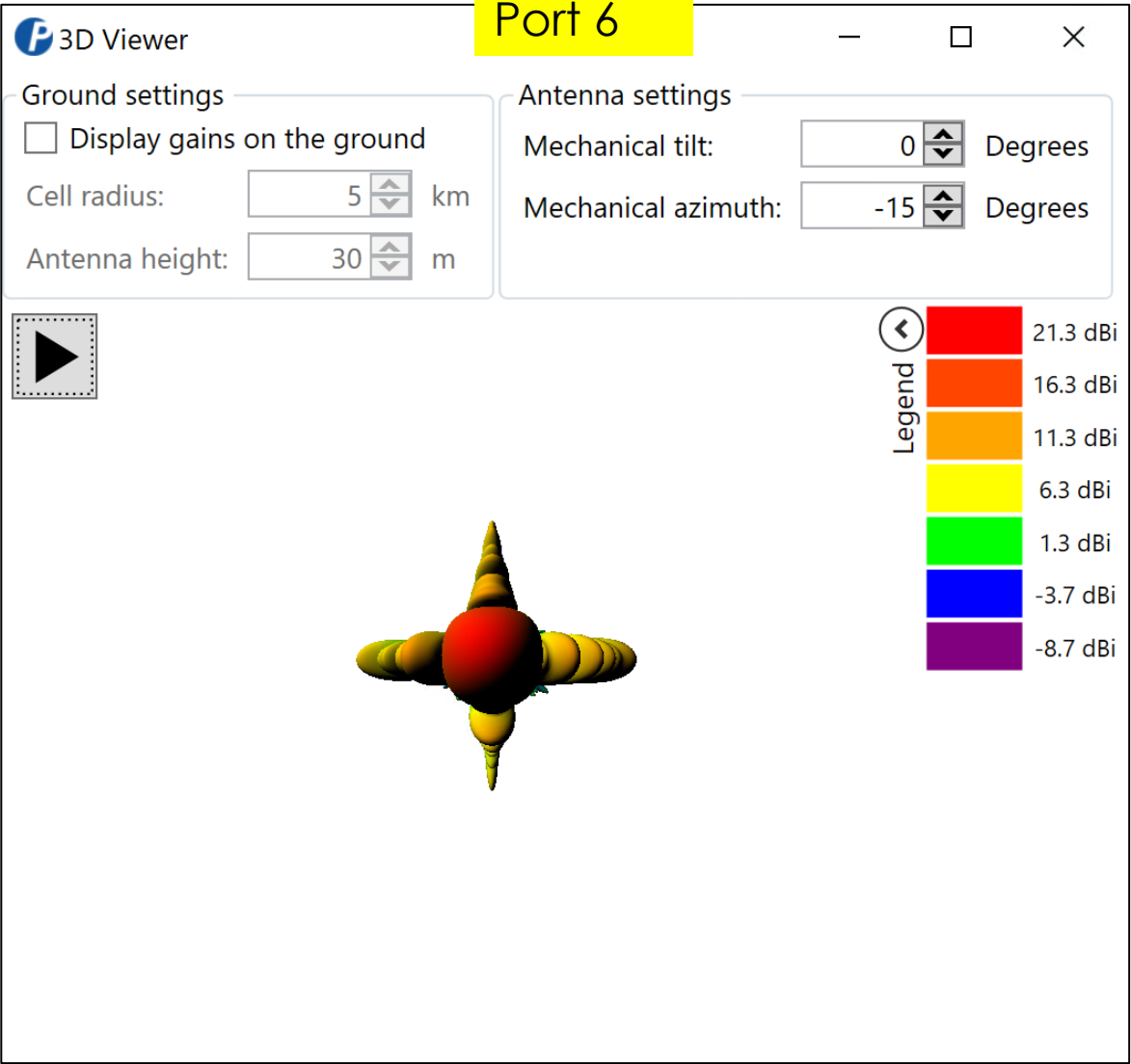
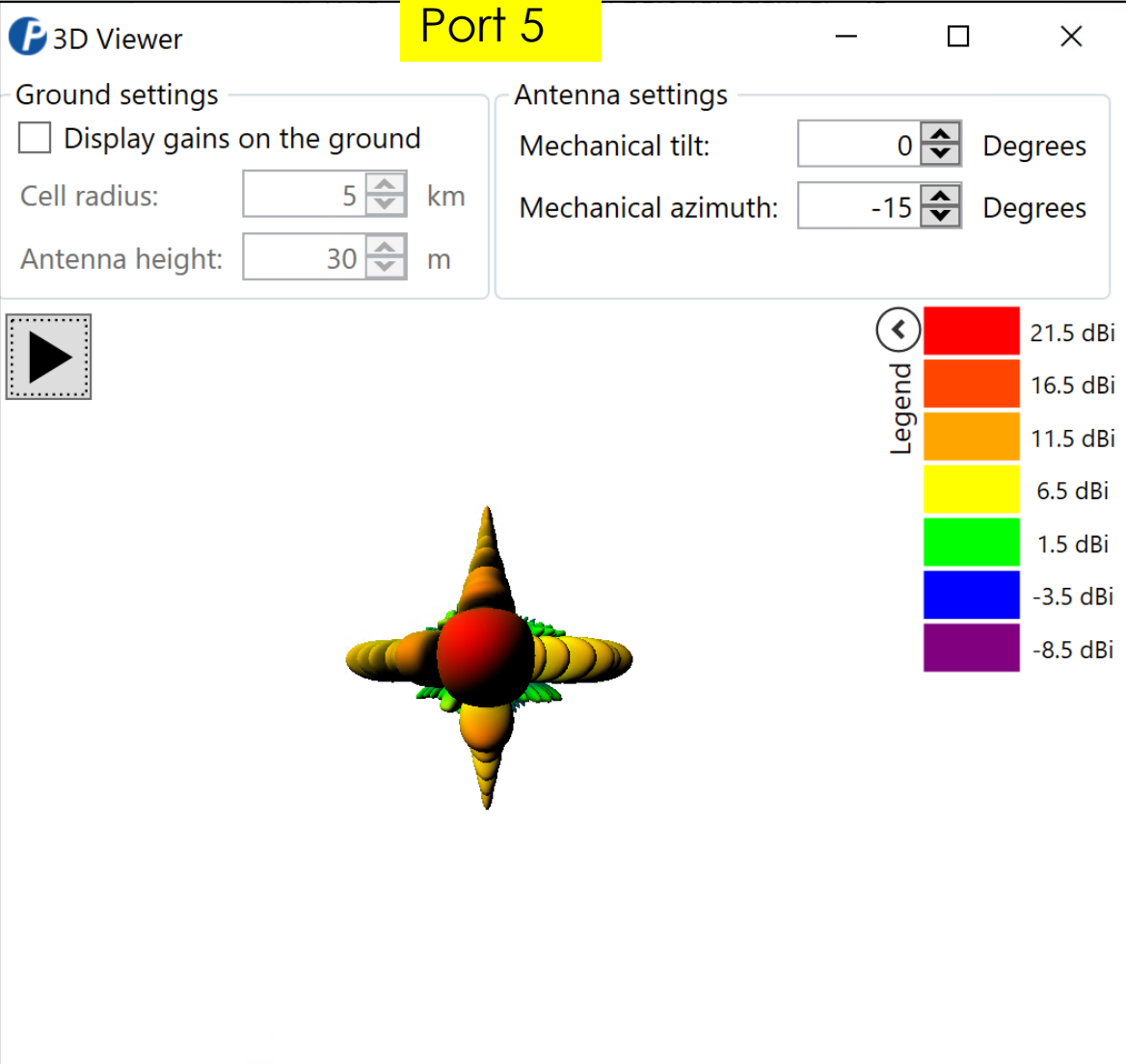
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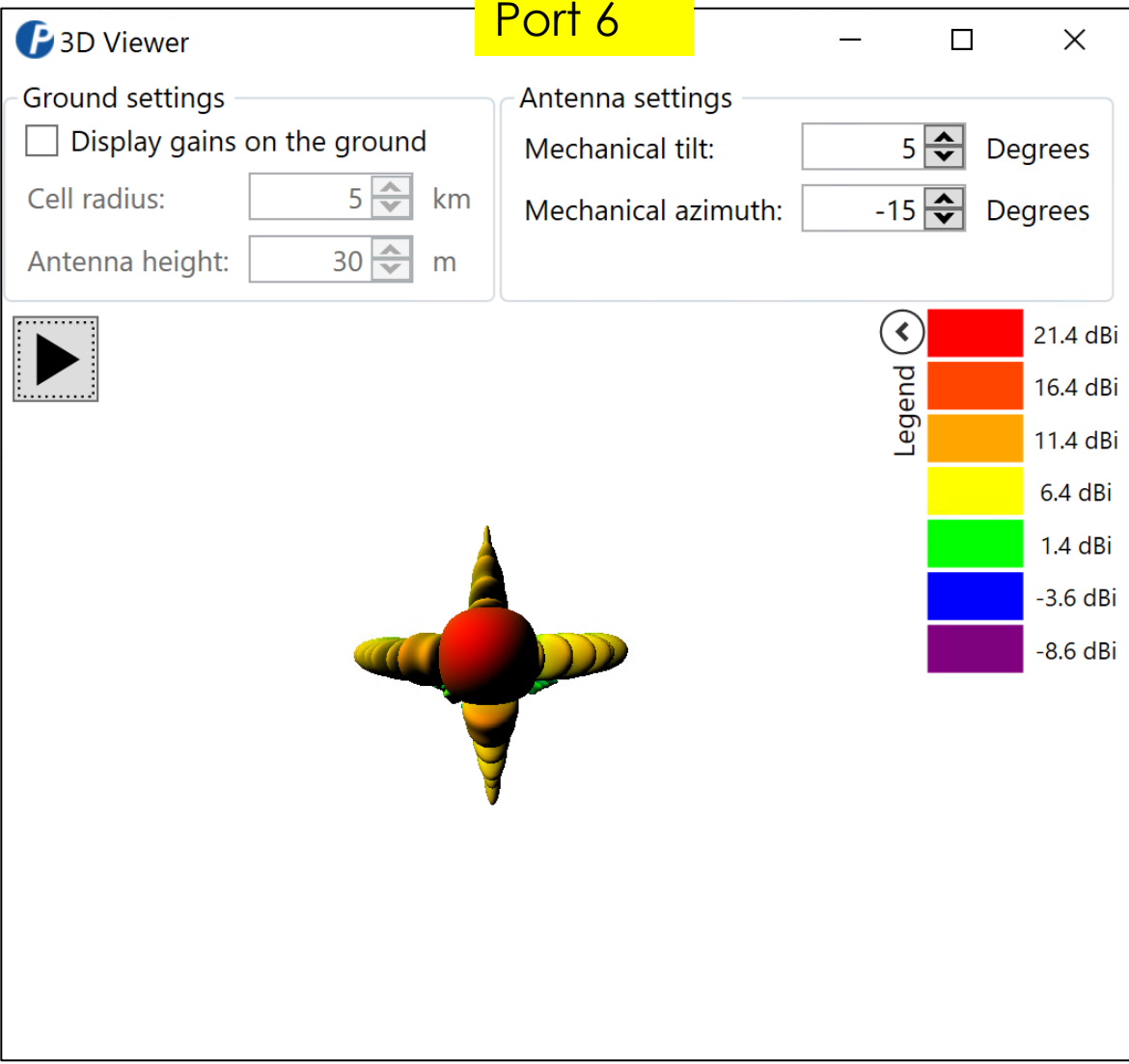
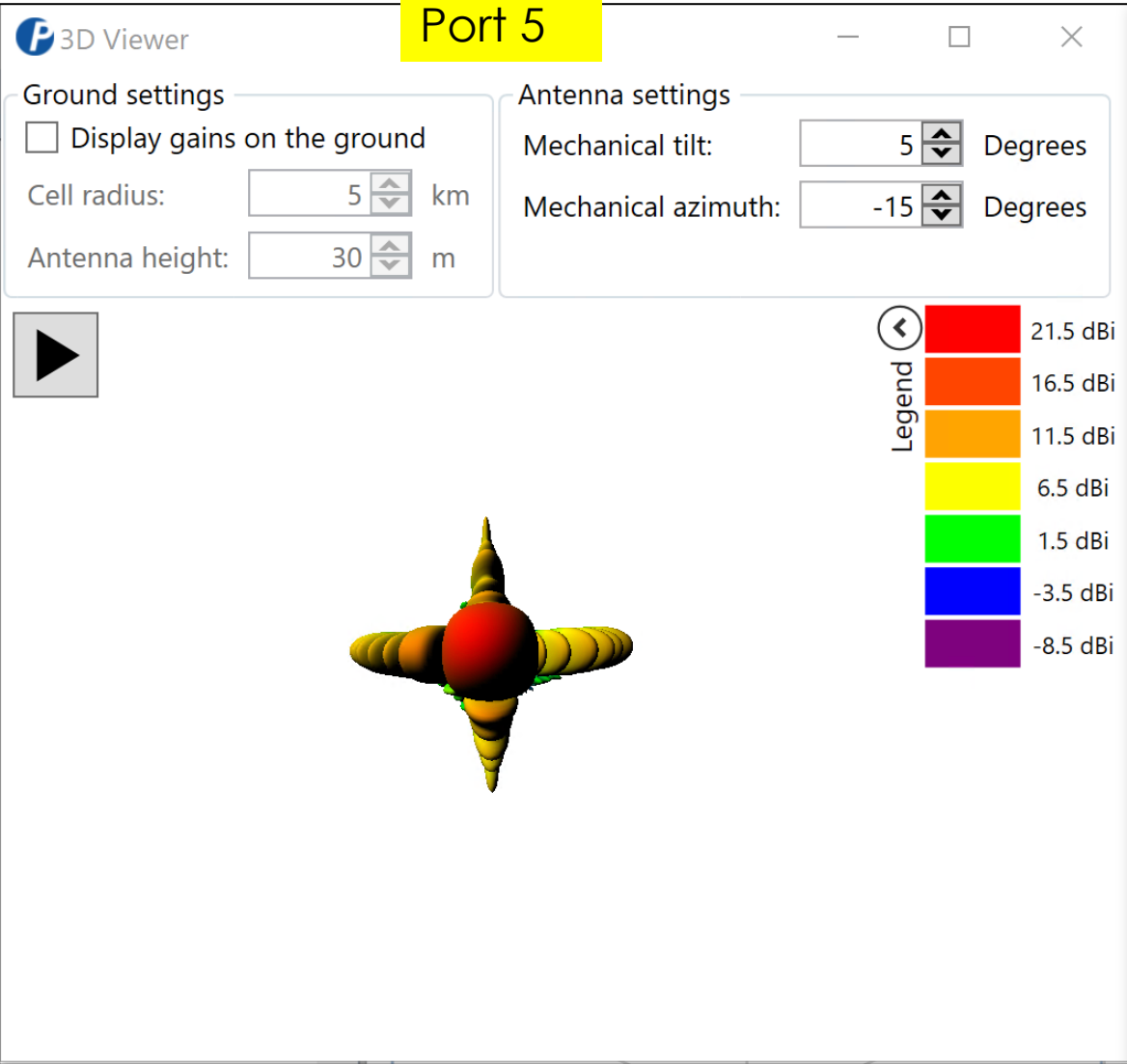
MS-12H90 (Boresight View) 1710-1722MHz T +3 Az -15



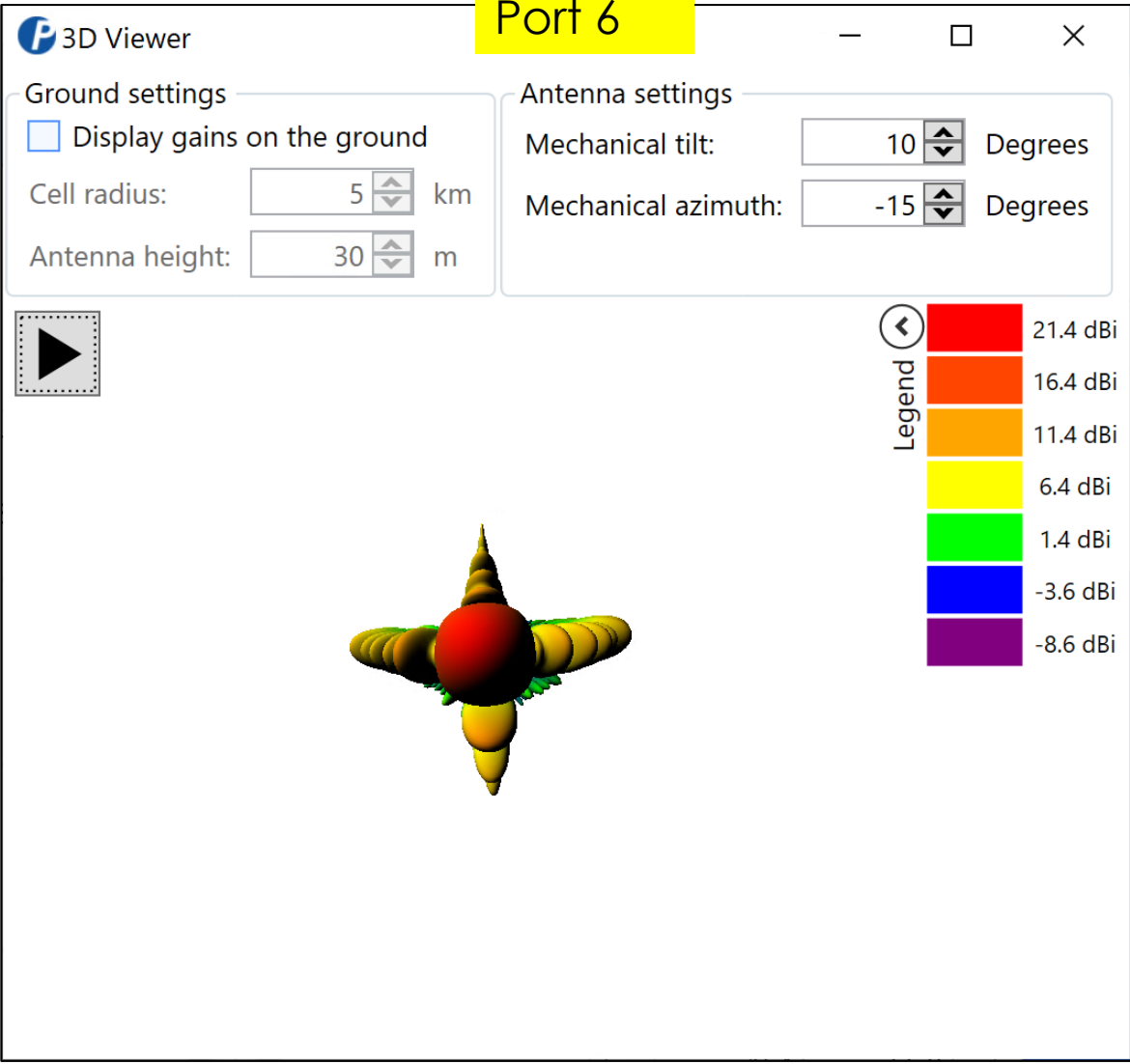
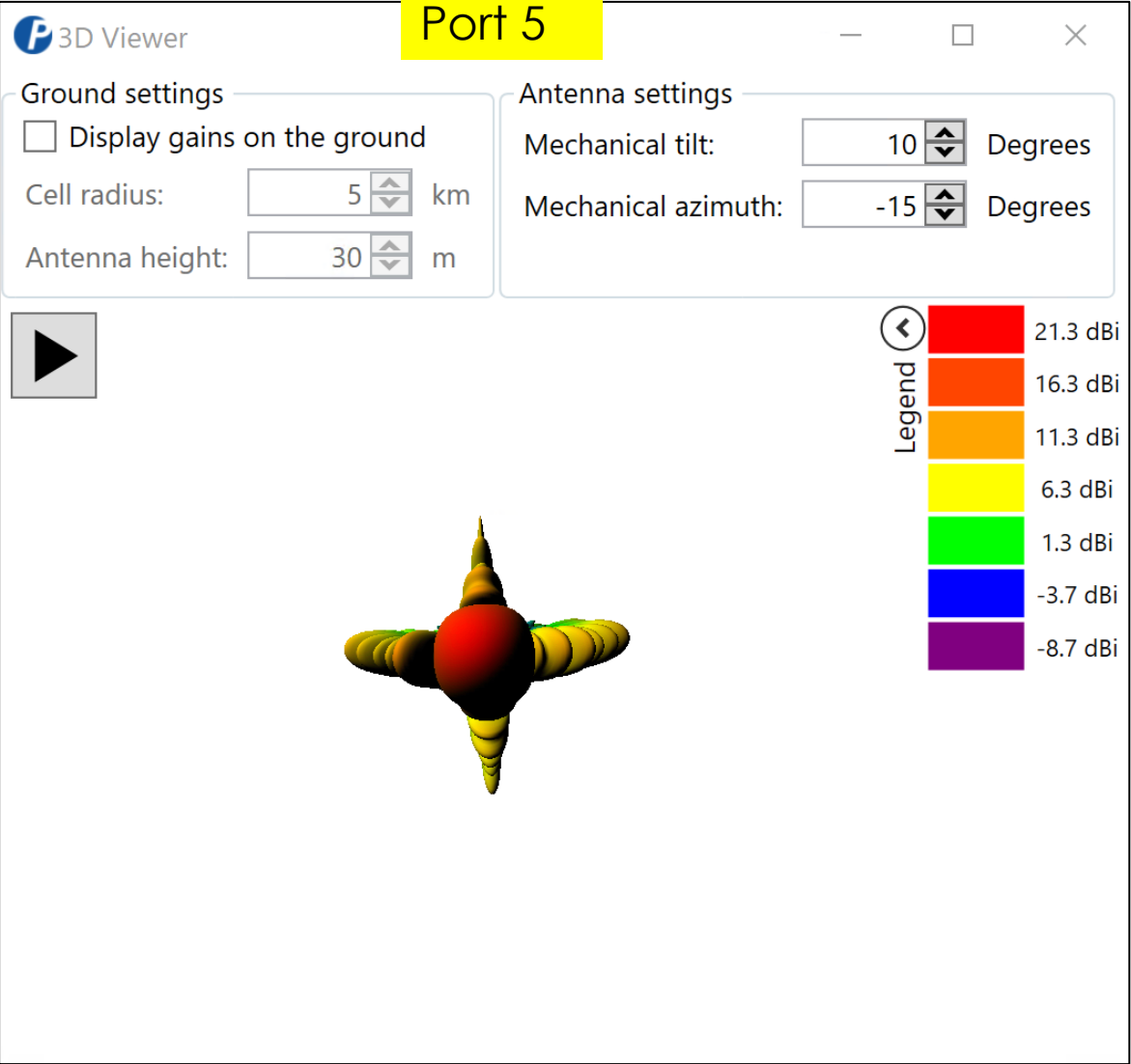
MS-12H90 (Boresight View) 1710-1722MHz T 0 Az -15



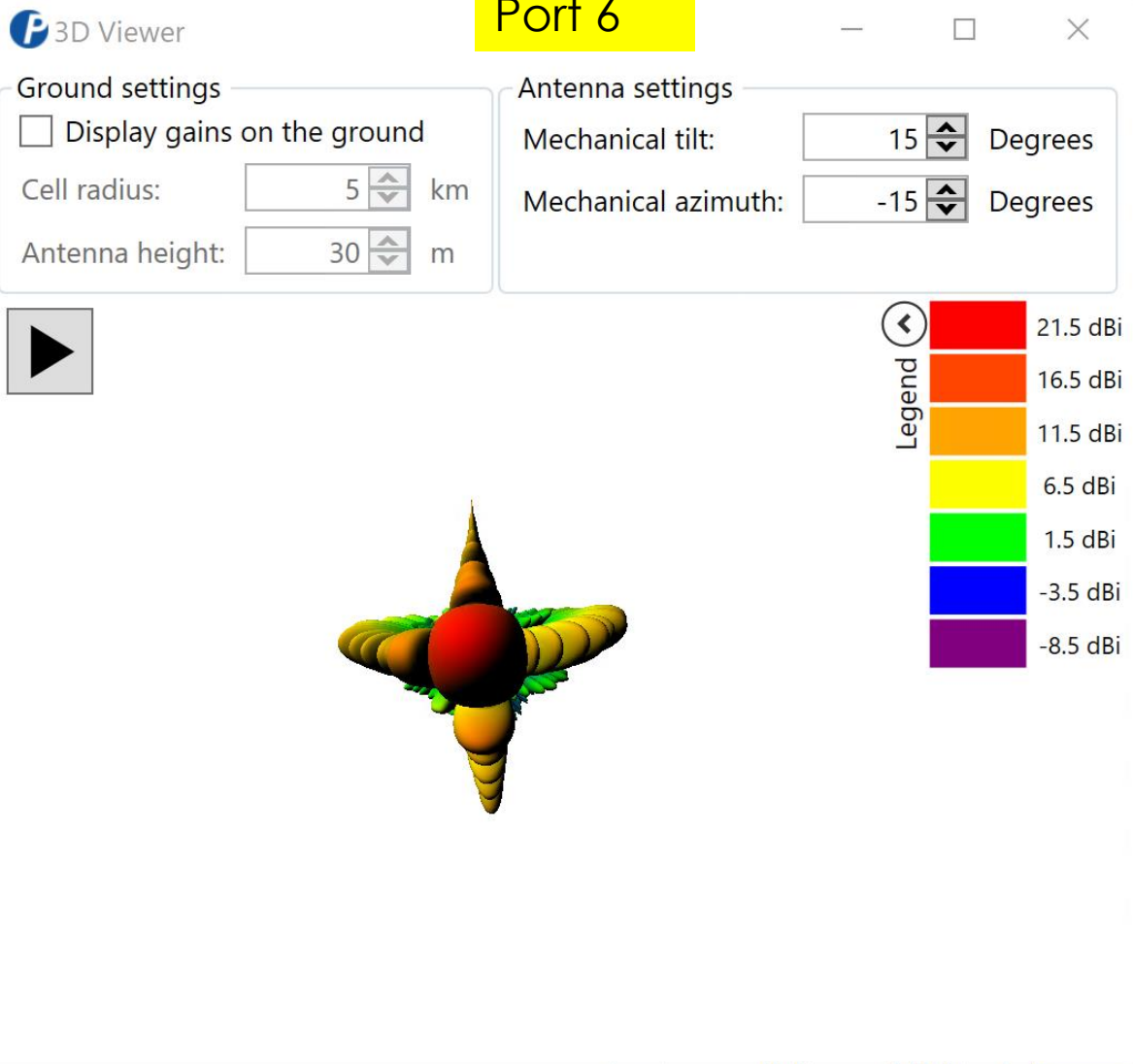
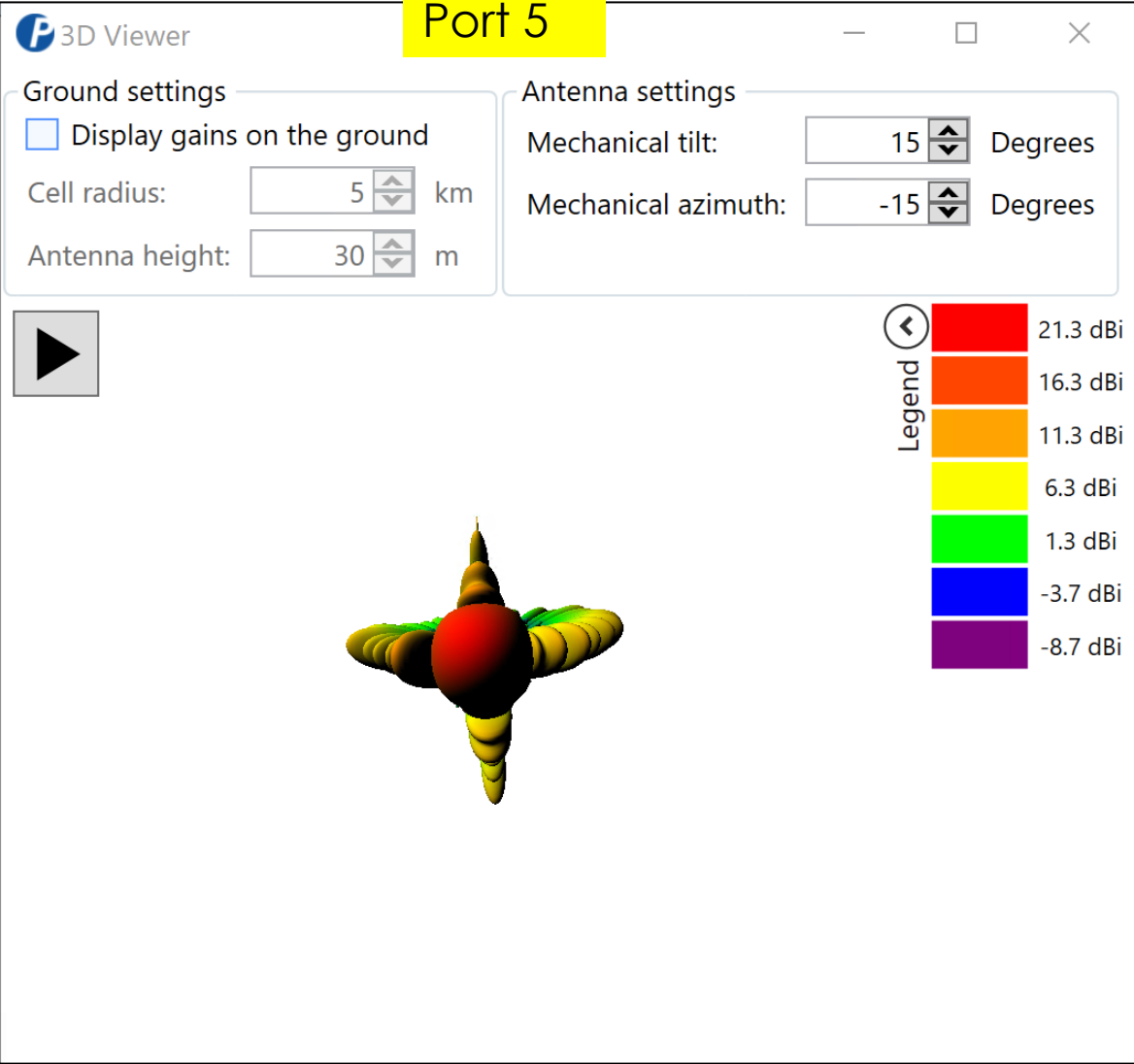
MS-12H90 (Boresight View) 1710-1722MHz T -5 Az -15



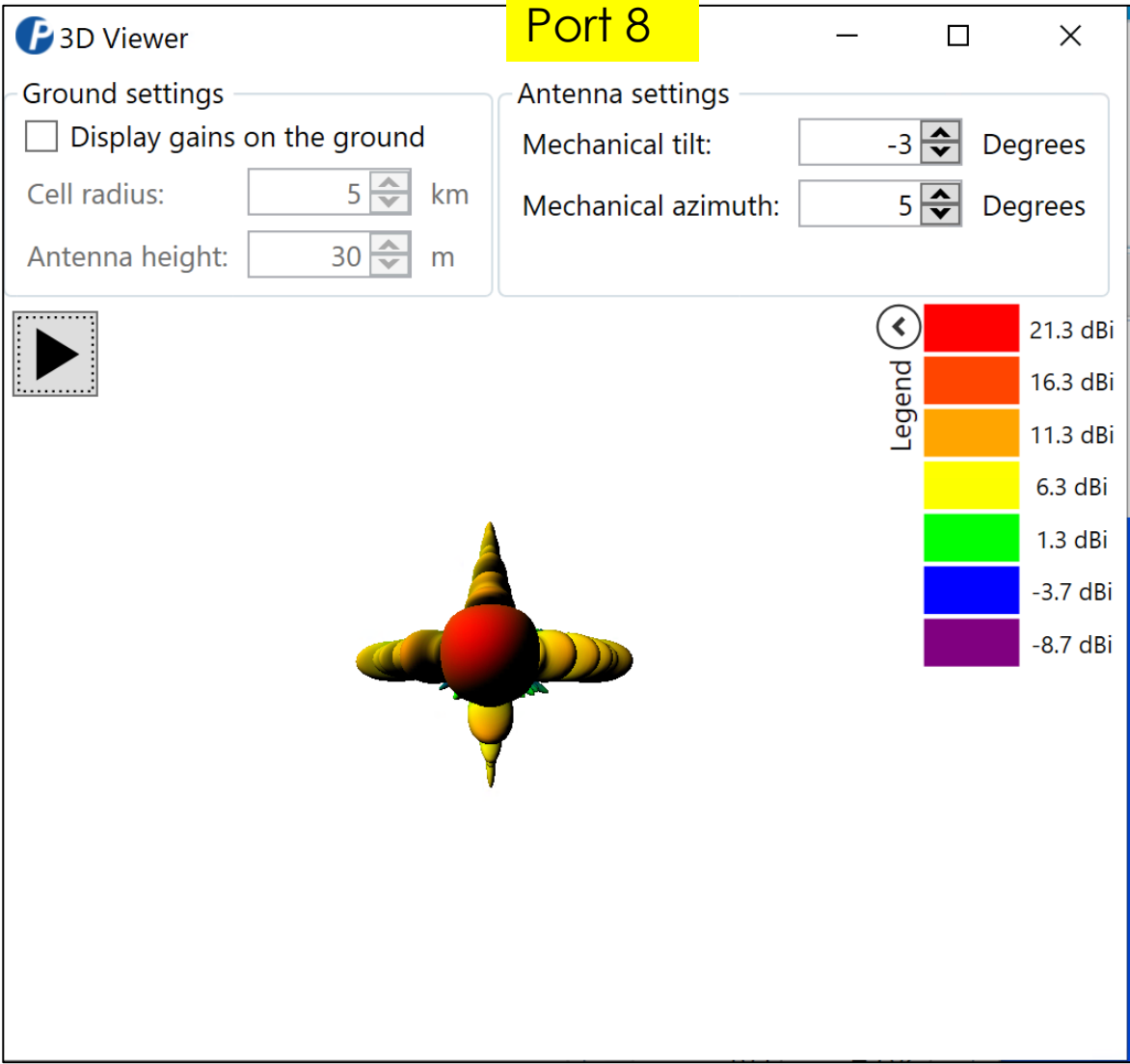
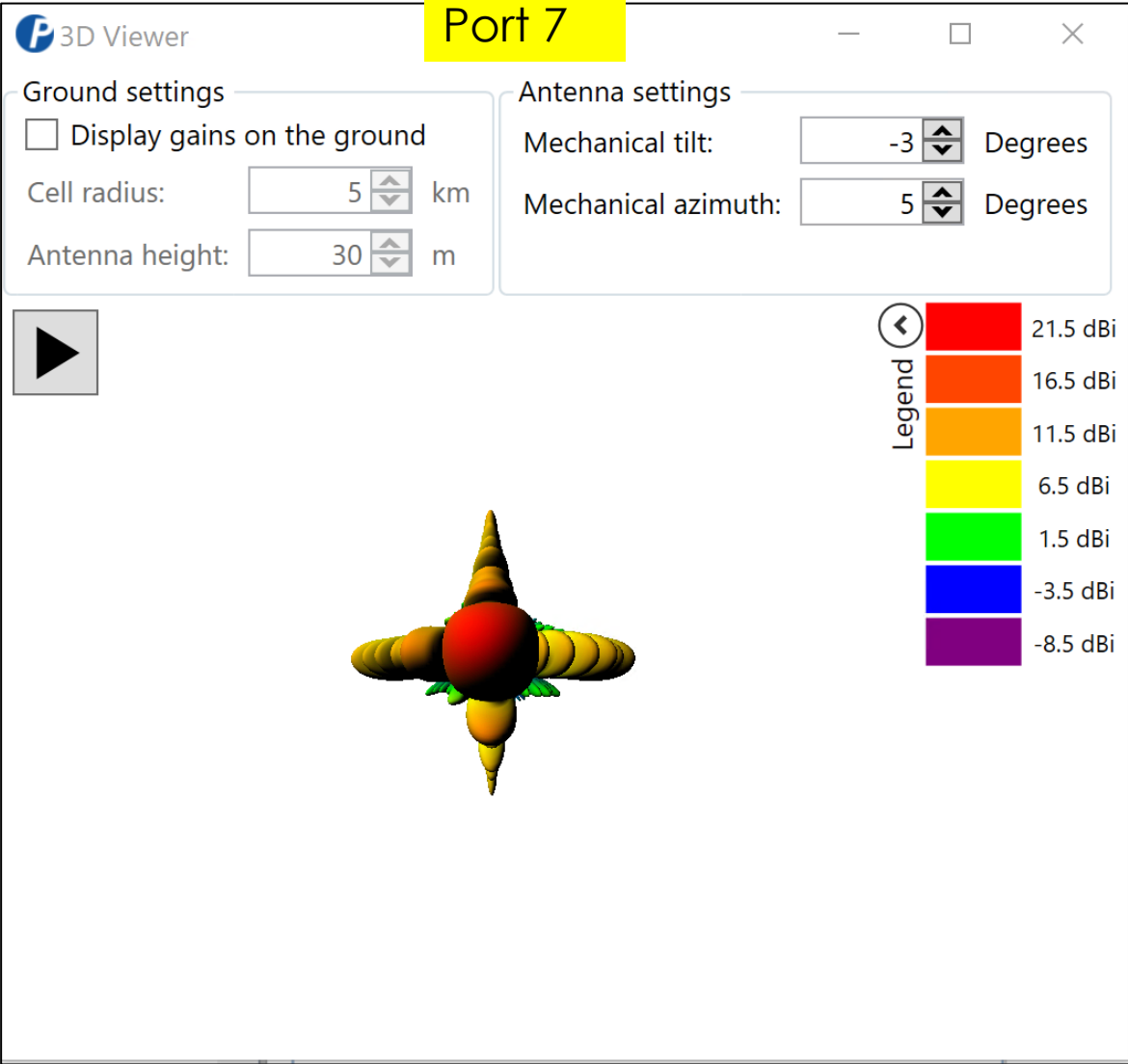
MS-12H90 (Boresight View) 1710-1722MHz T -10 Az -15



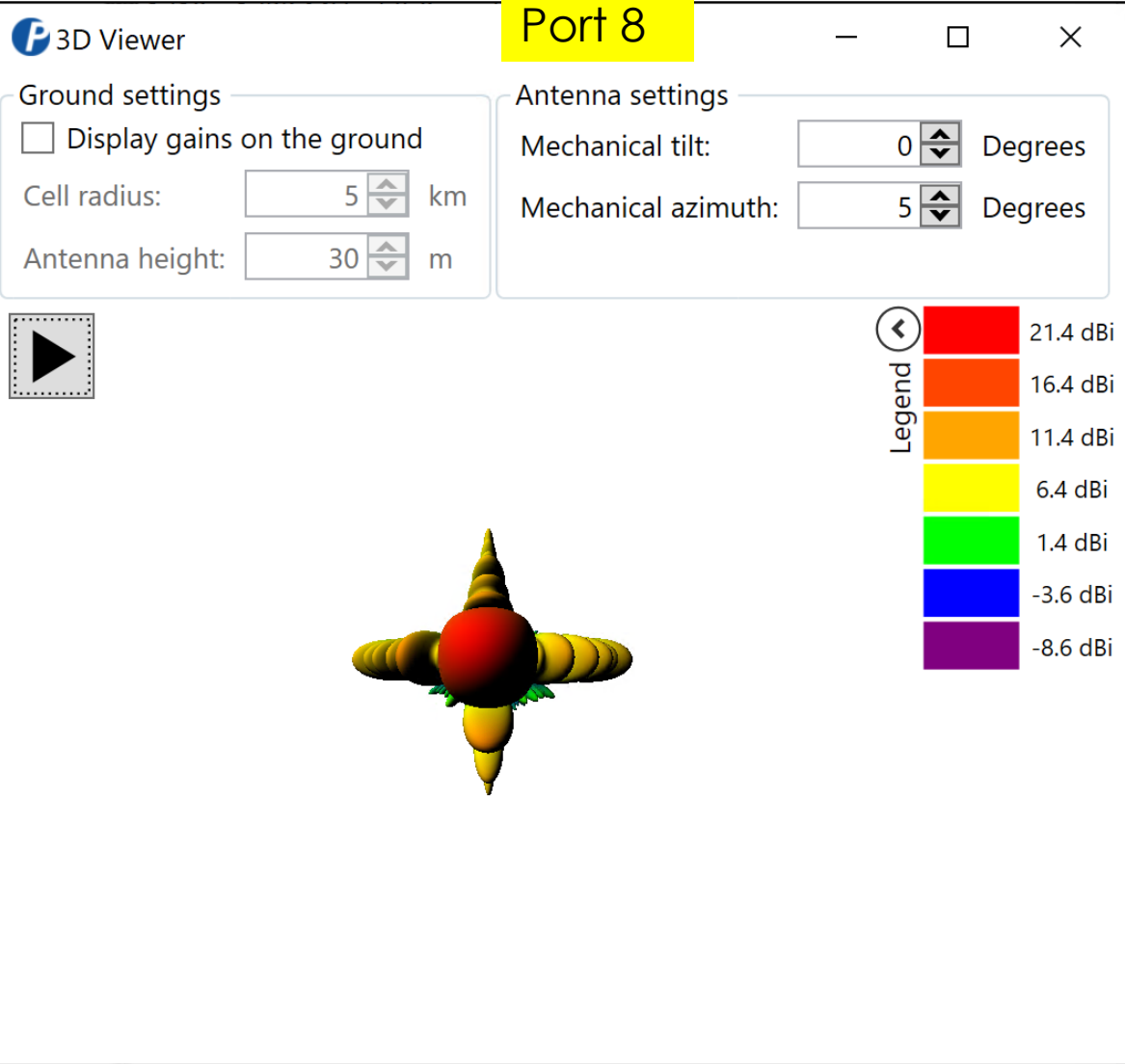
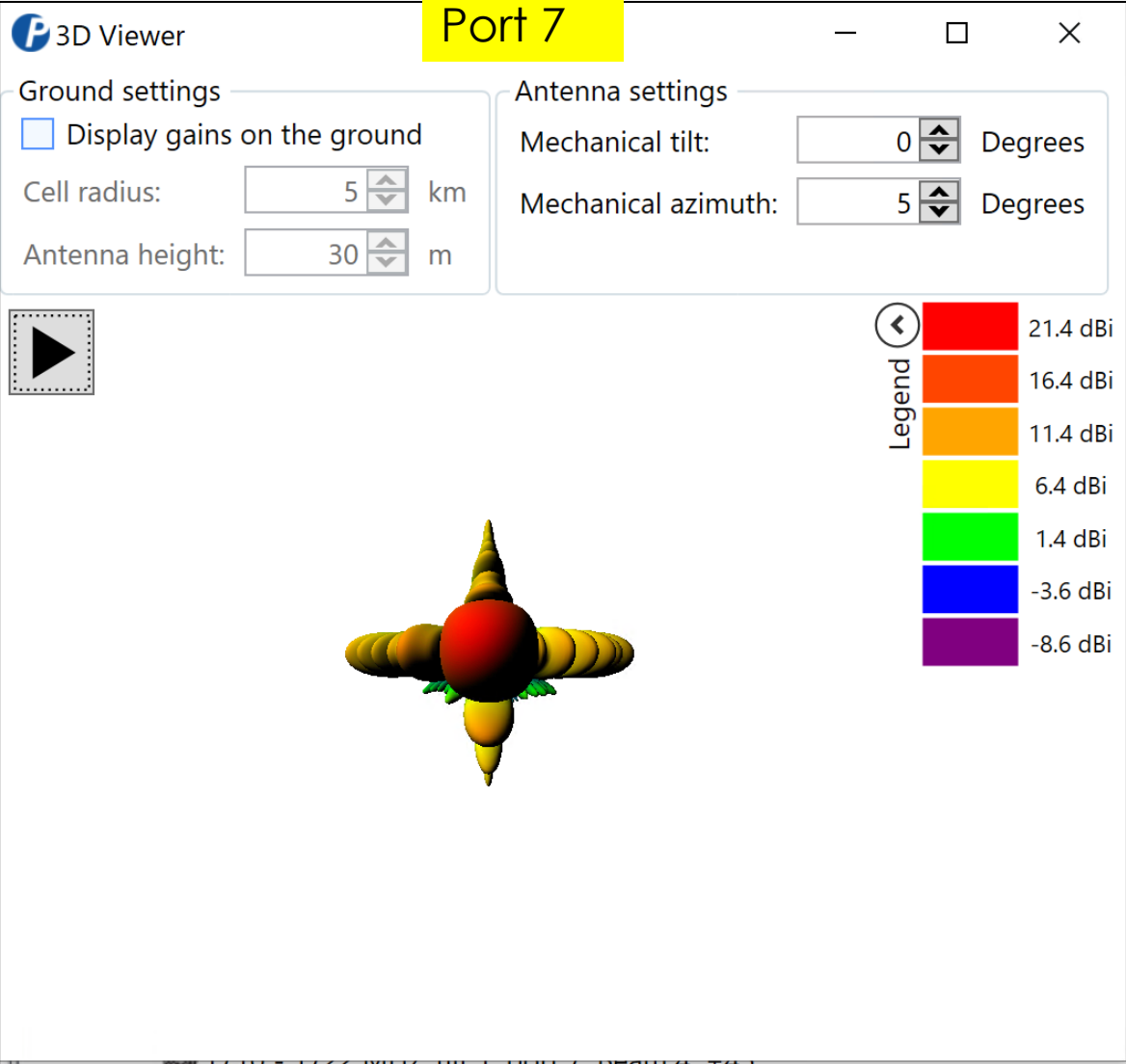
MS-12H90 (Boresight View) 1710-1722MHz T -15 Az -15



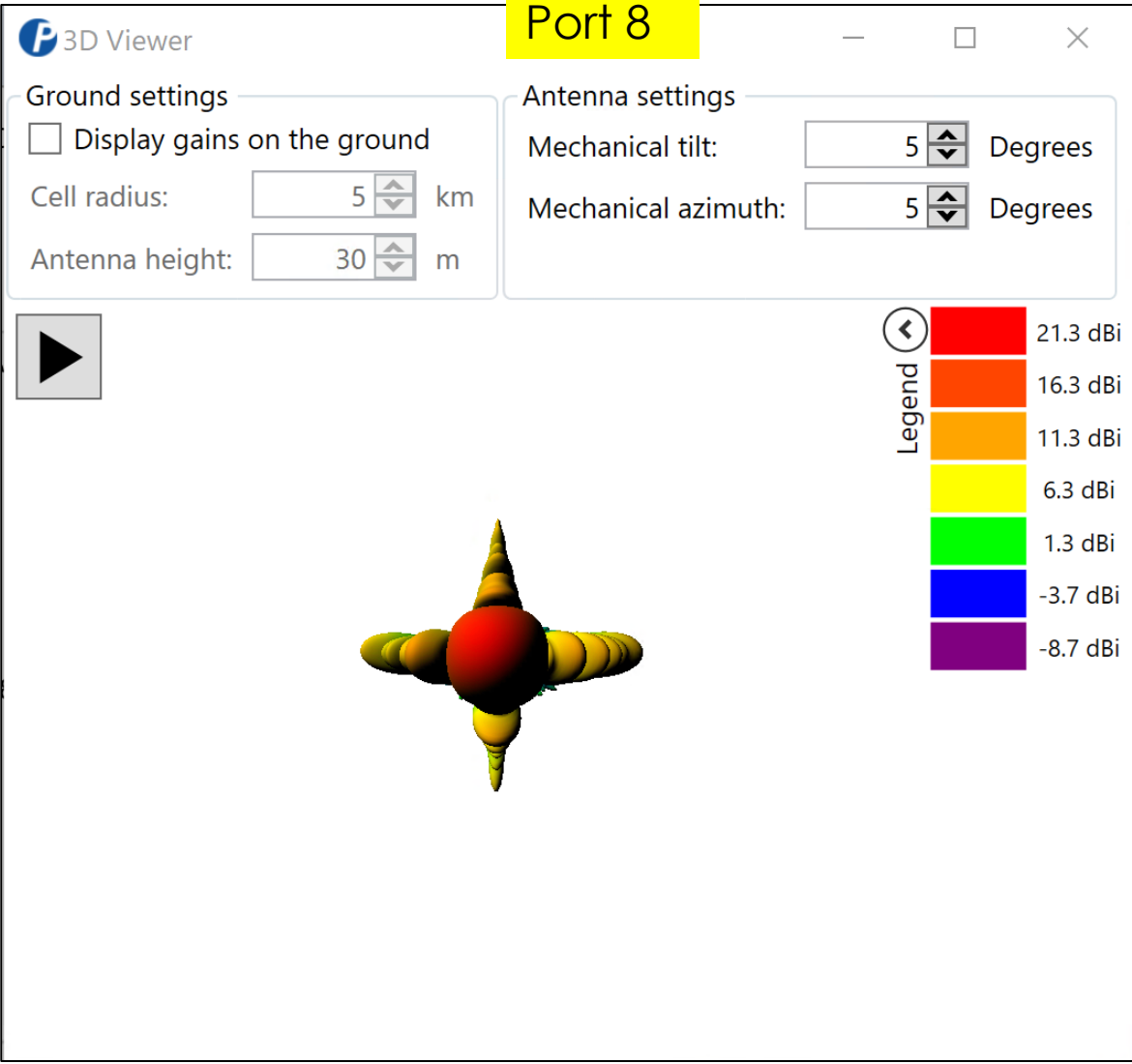
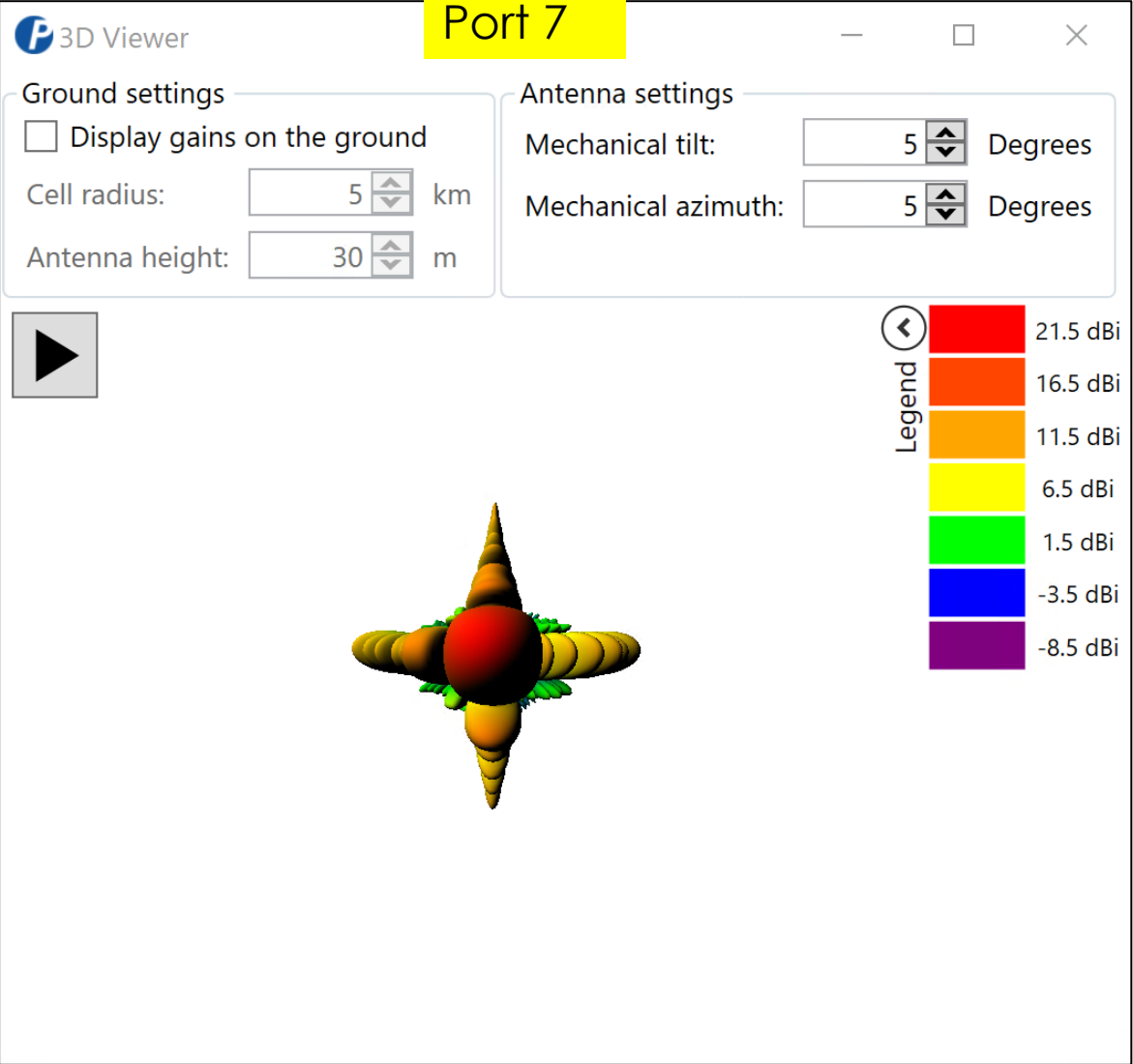
MS-12H90 (Boresight View) 1710-1722MHz T +3 Az +5



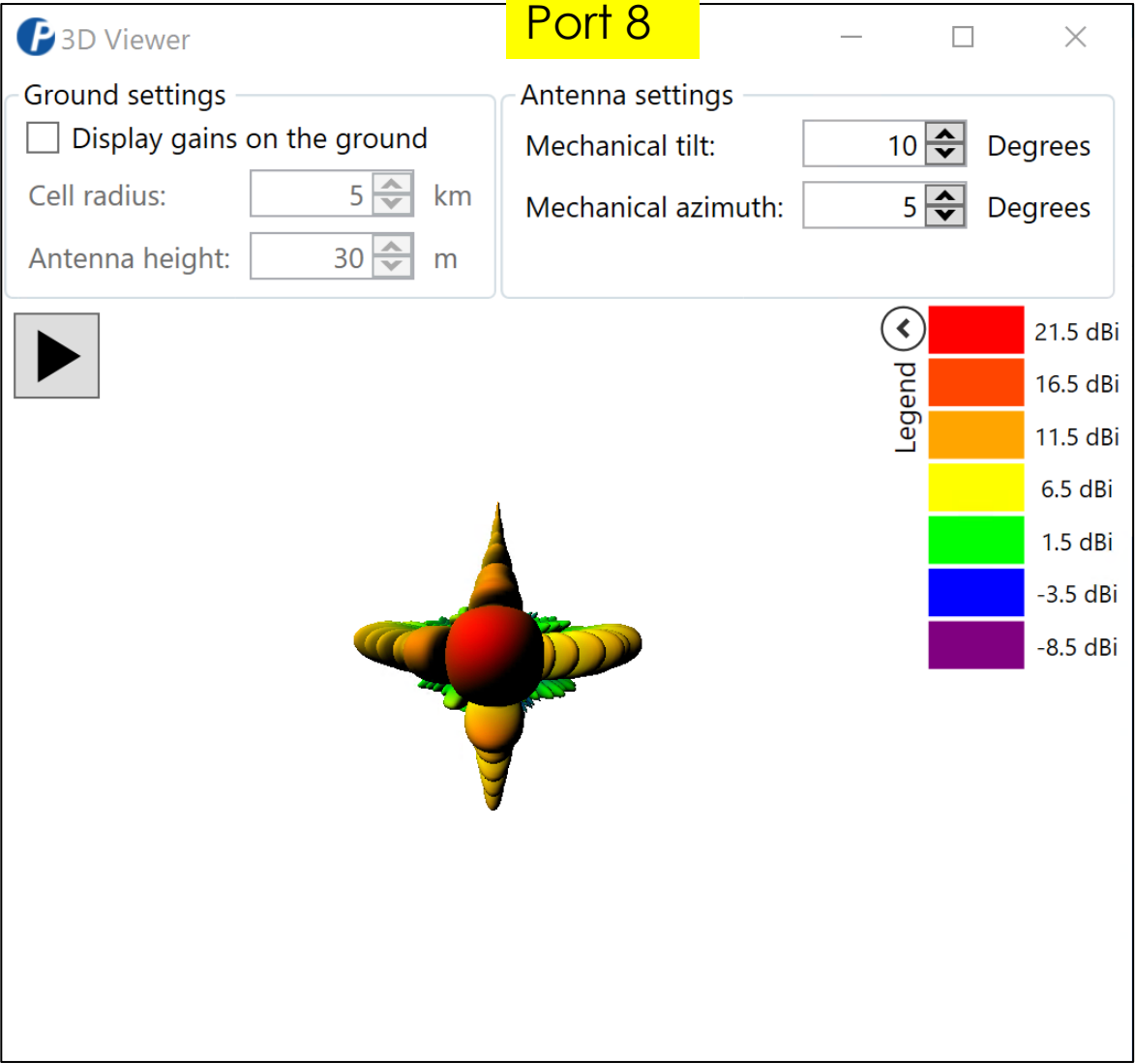
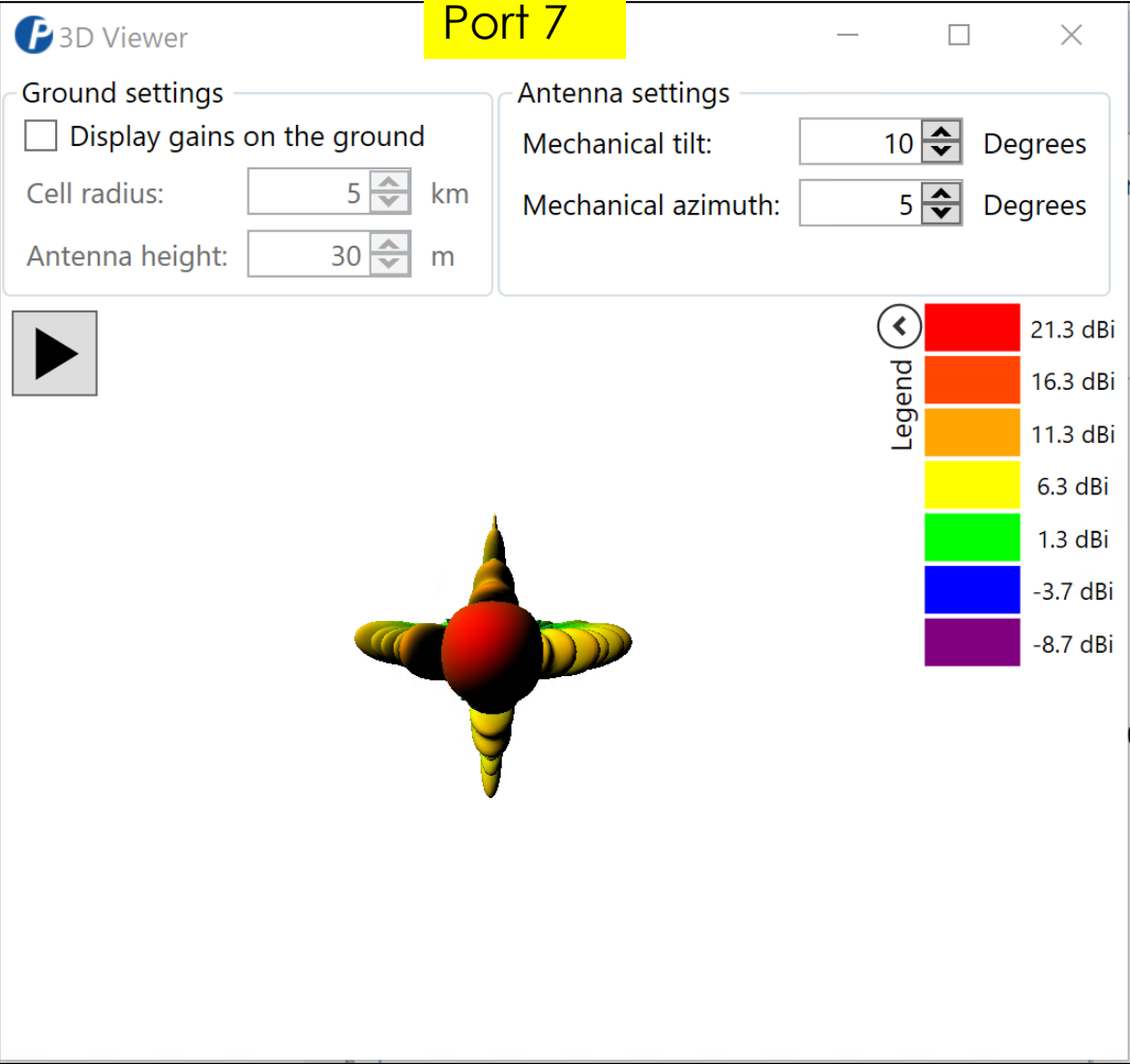
MS-12H90 (Boresight View) 1710-1722MHz T 0 Az +5



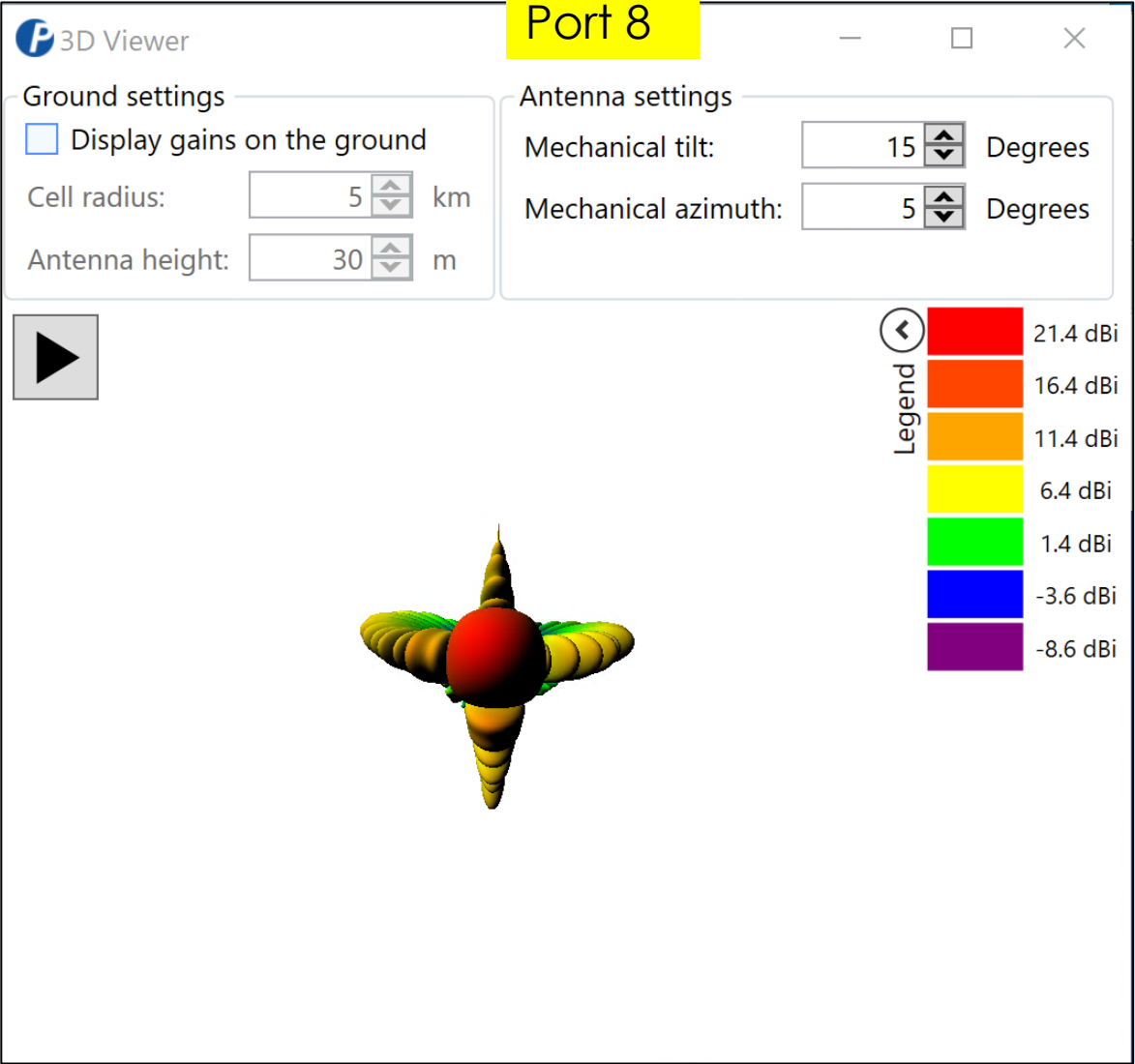
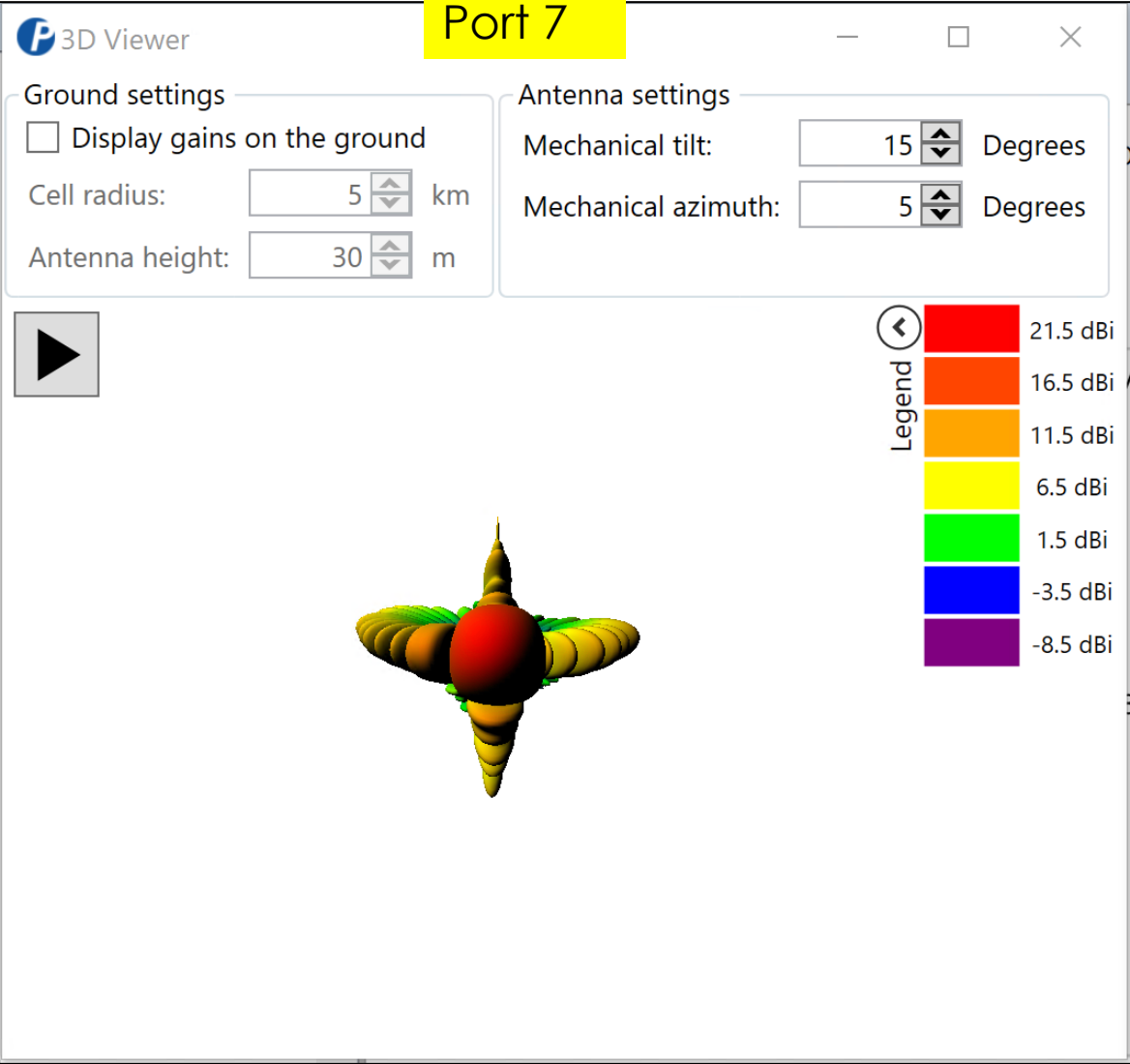
MS-12H90 (Boresight View) 1710-1722MHz T -5 Az +5



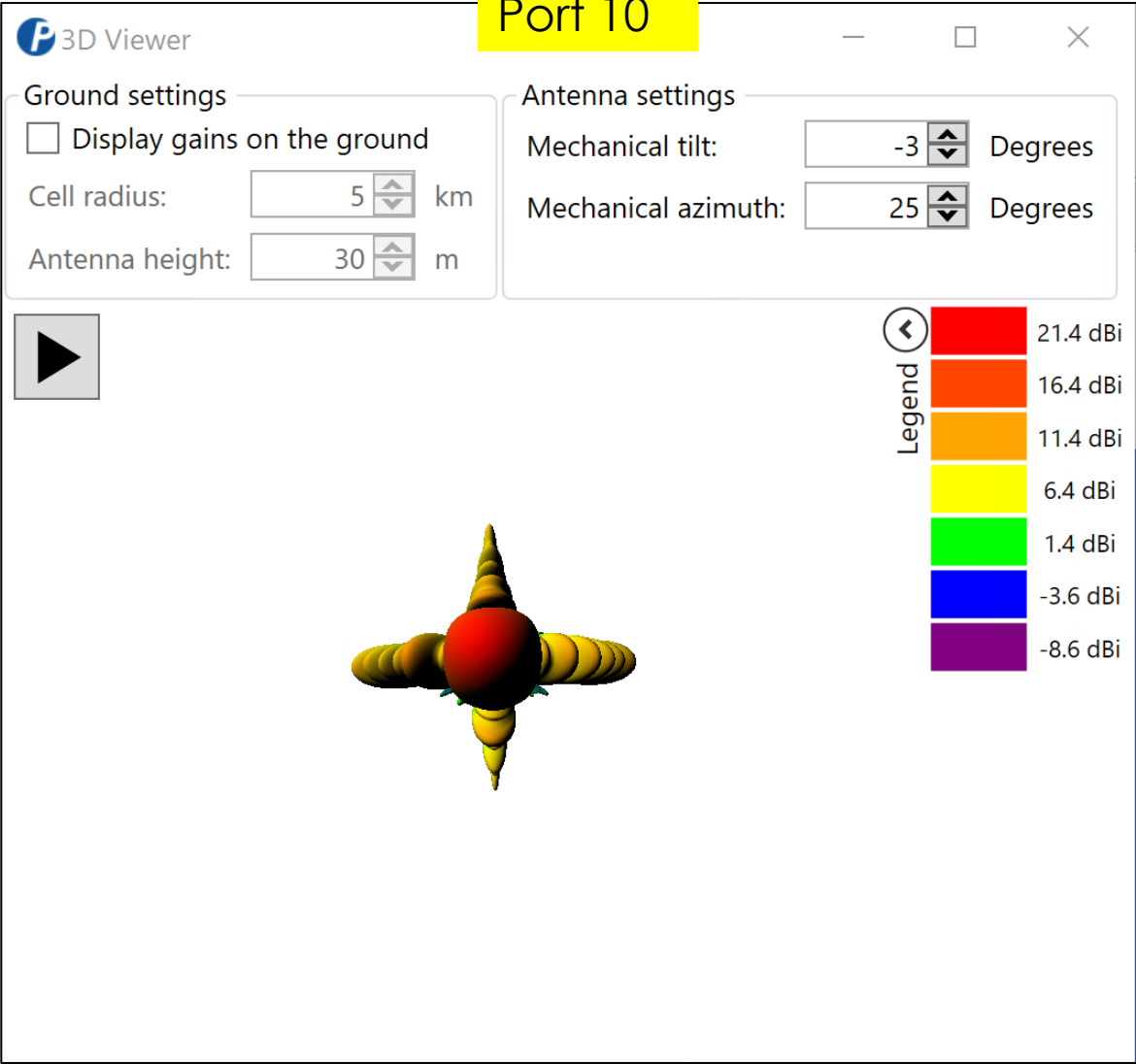
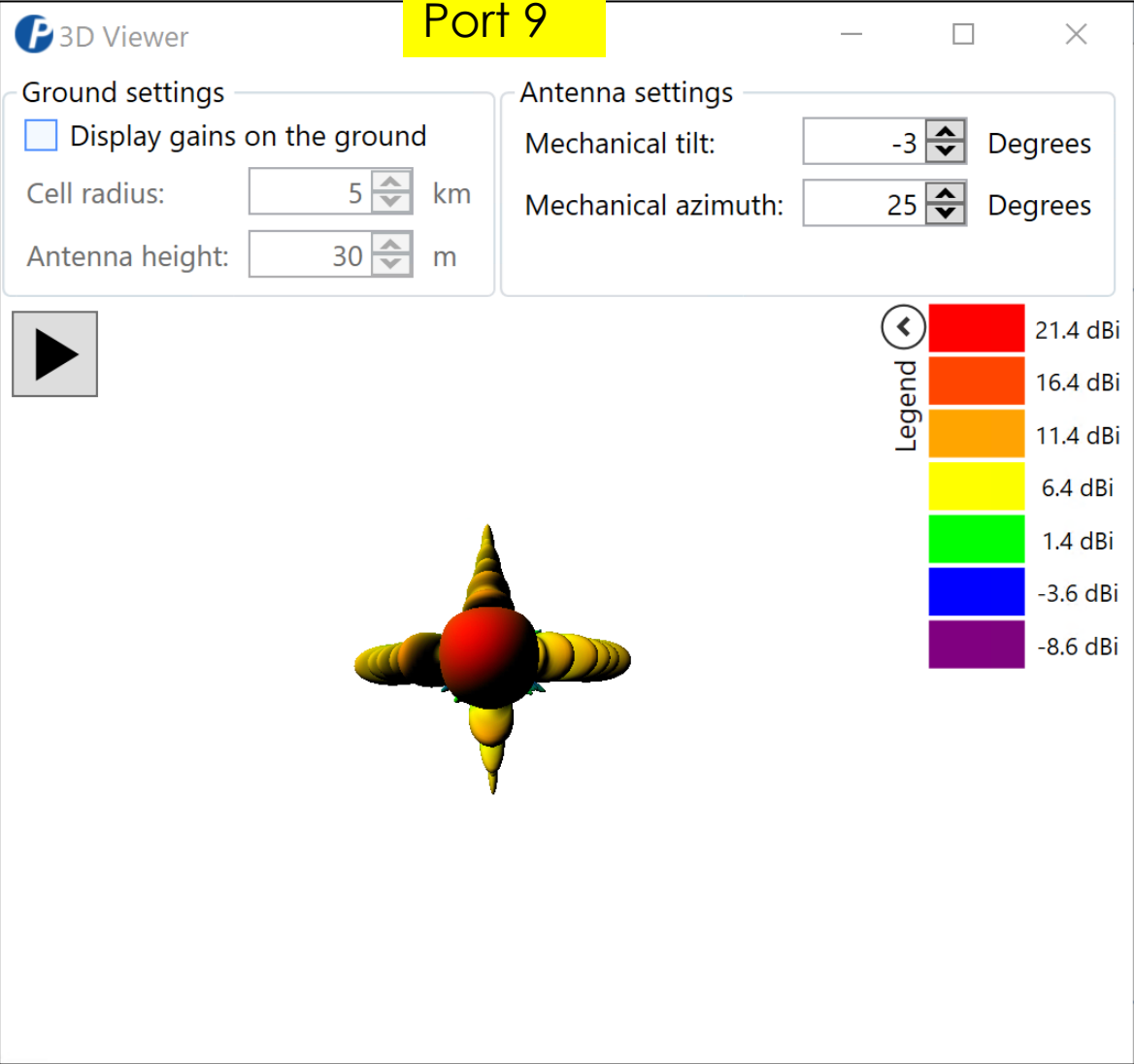
MS-12H90 (Boresight View) 1710-1722MHz T -10 Az +5



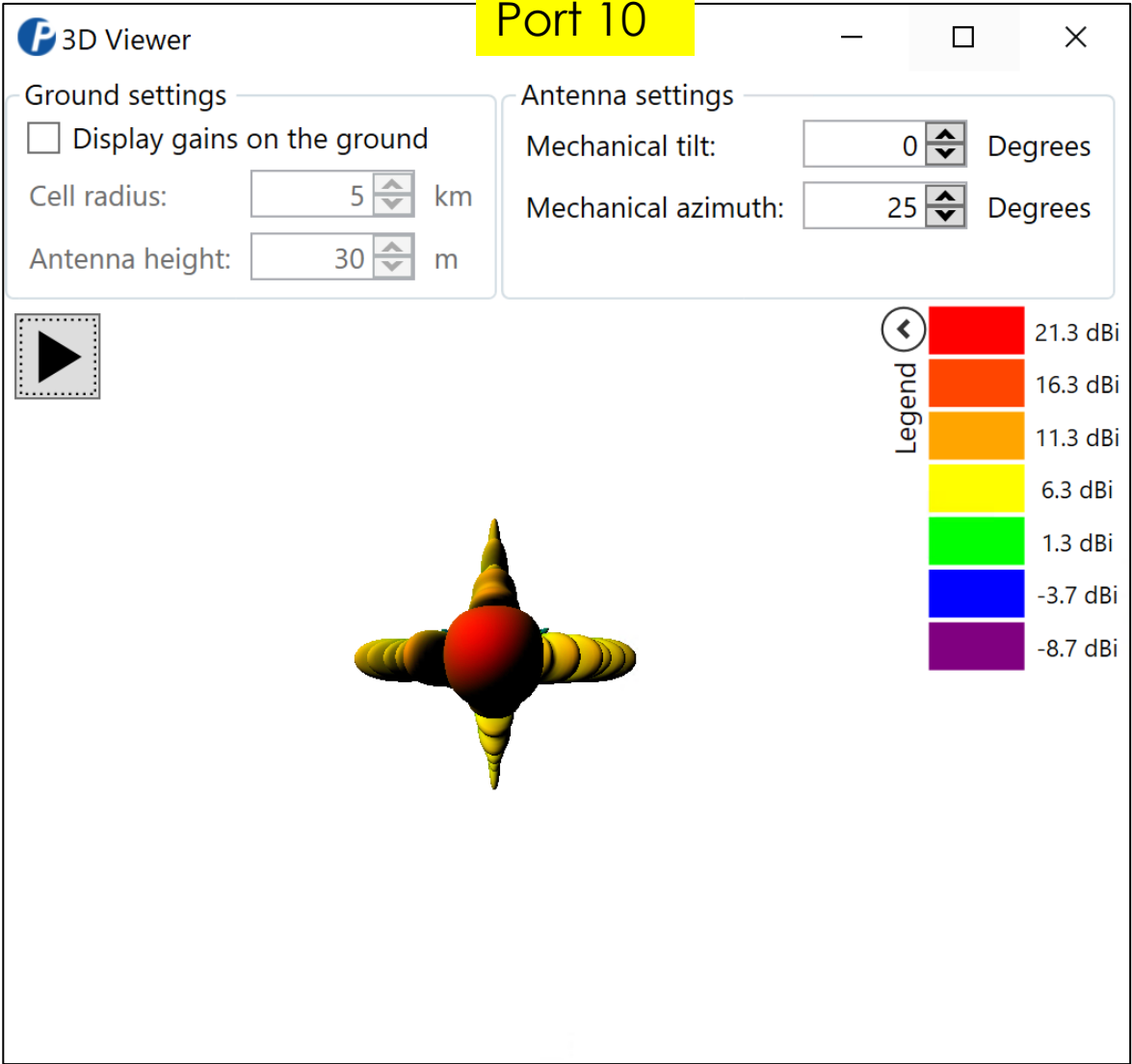
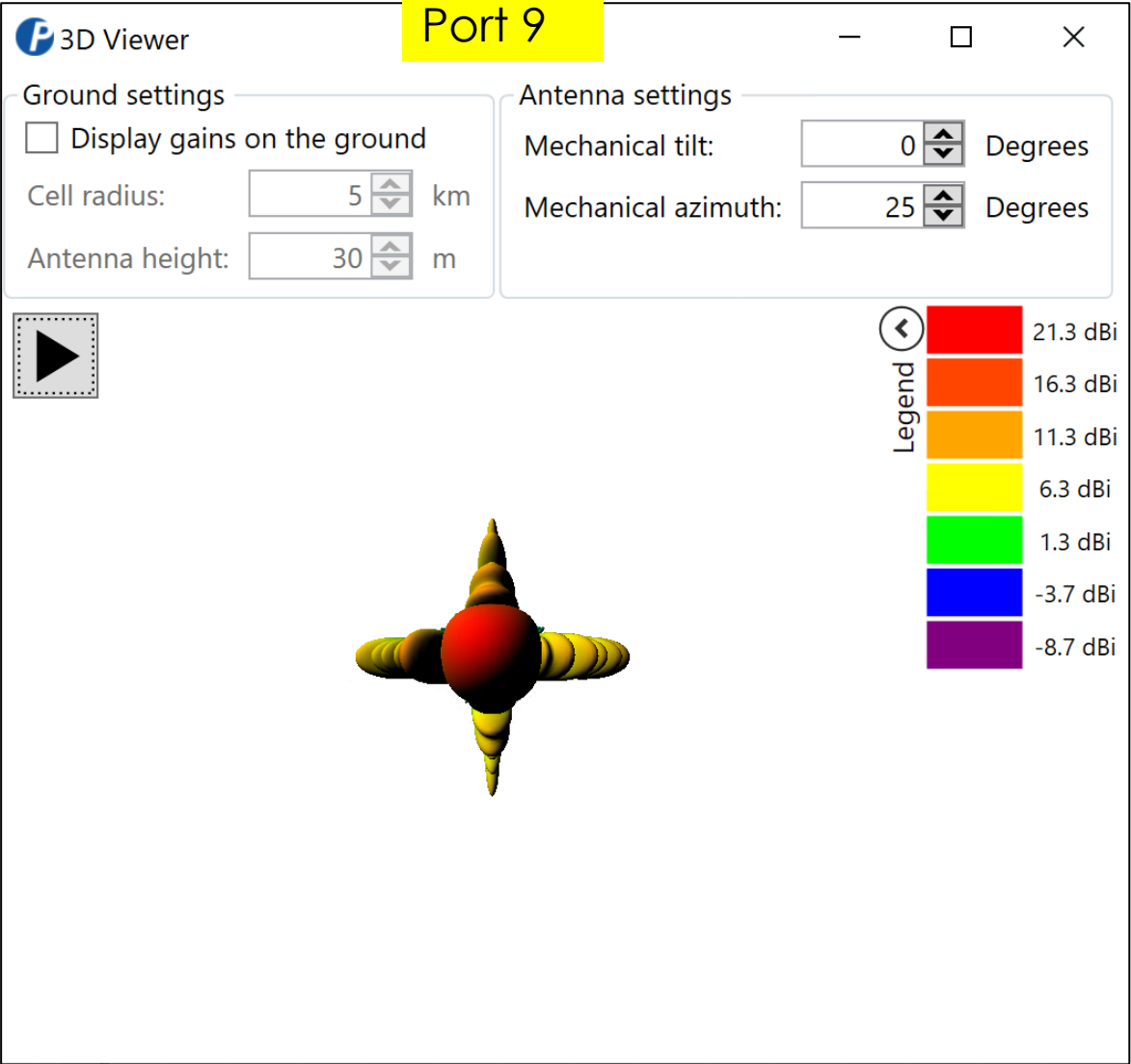
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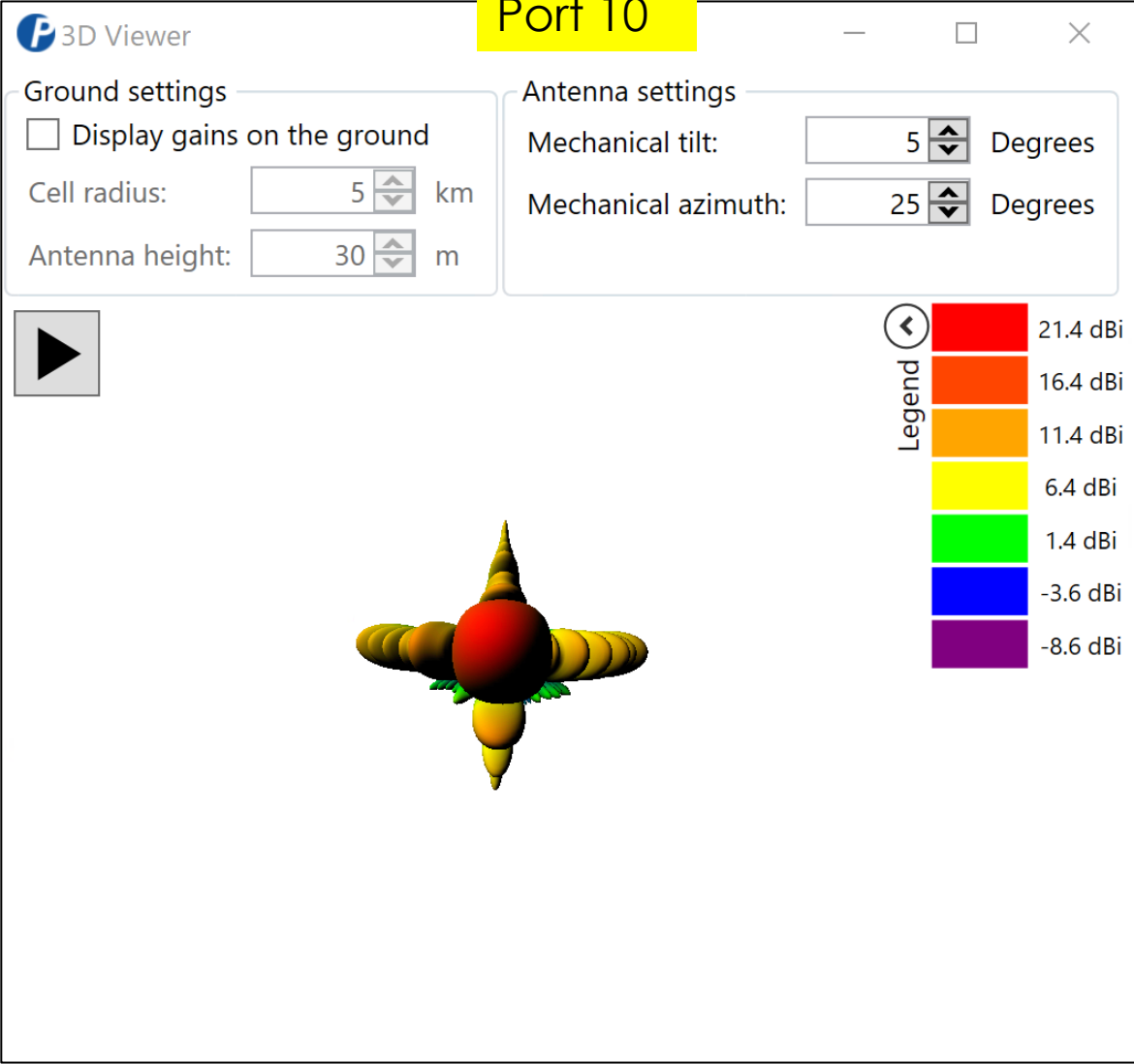
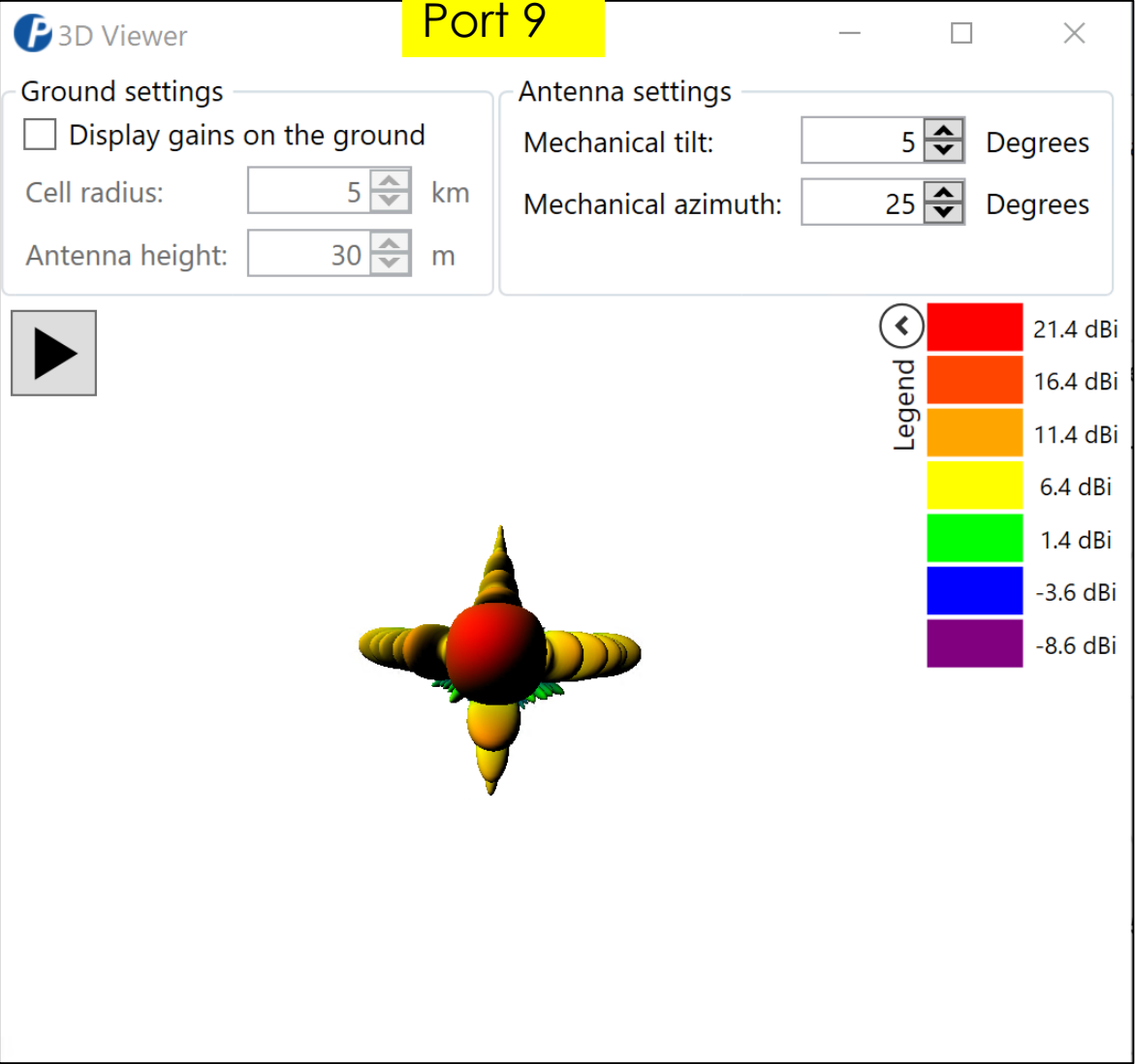
MS-12H90 (Boresight View) 1710-1722MHz T +3 Az +25



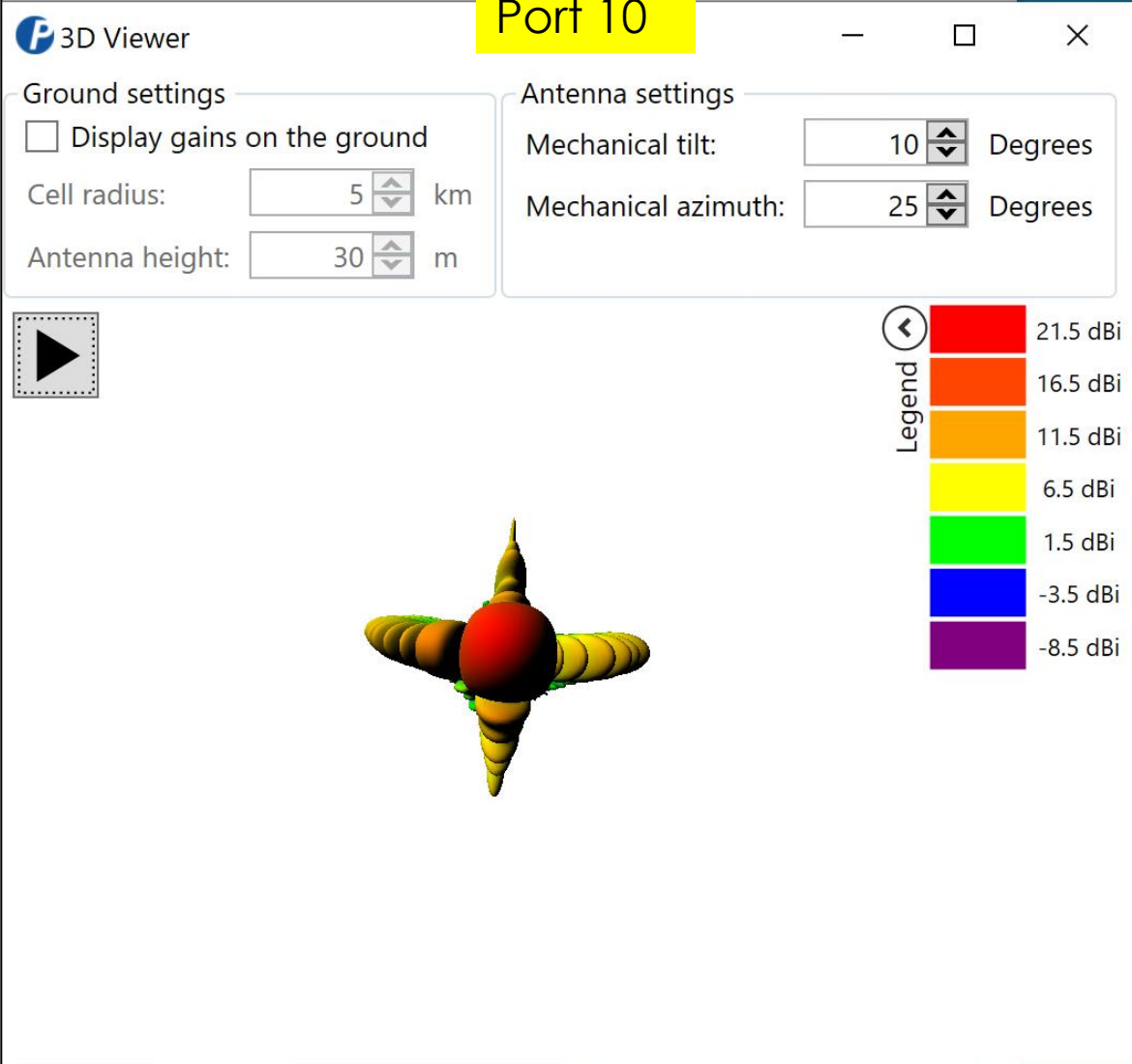
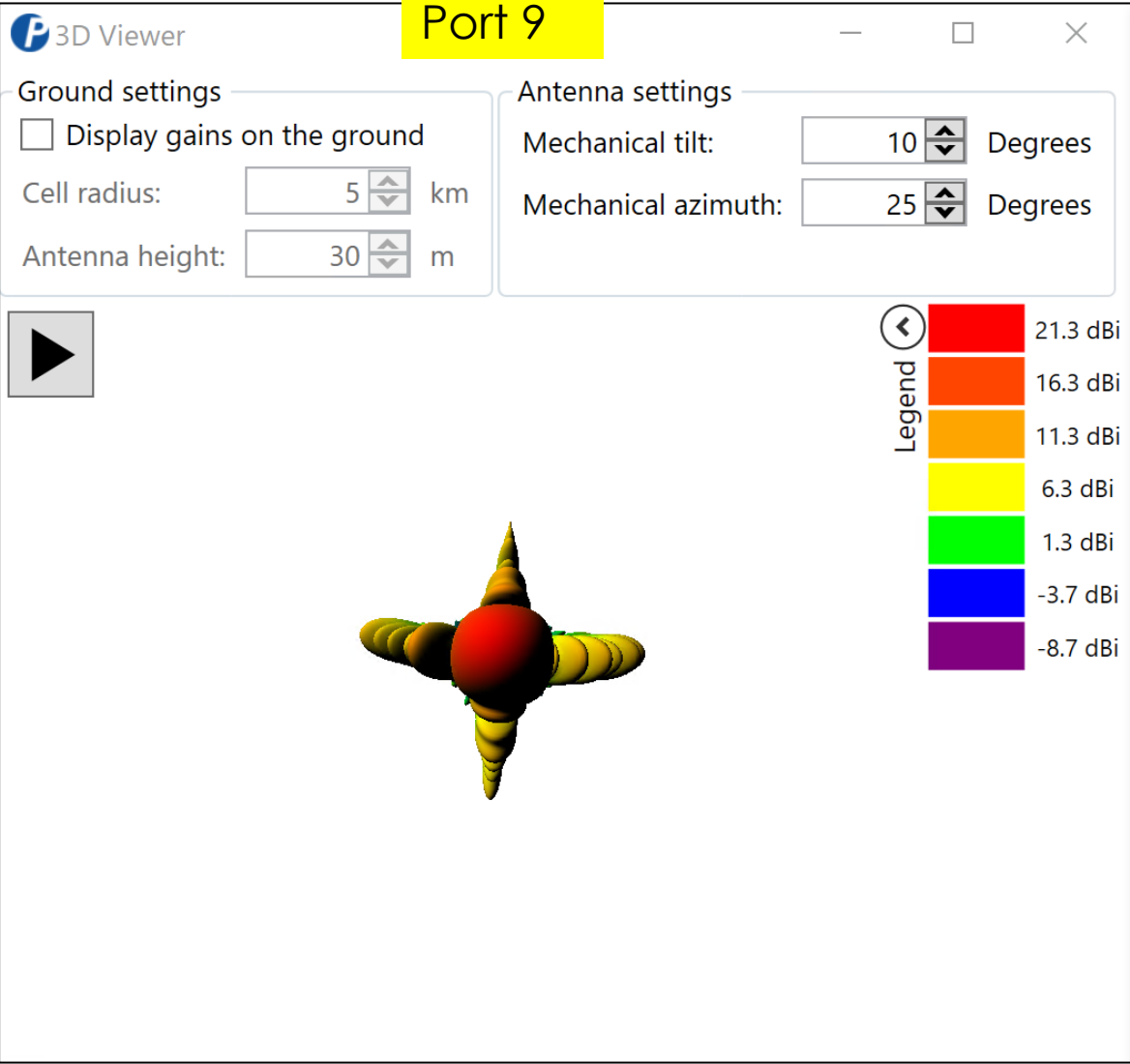
MS-12H90 (Boresight View) 1710-1722MHz T 0 Az +25



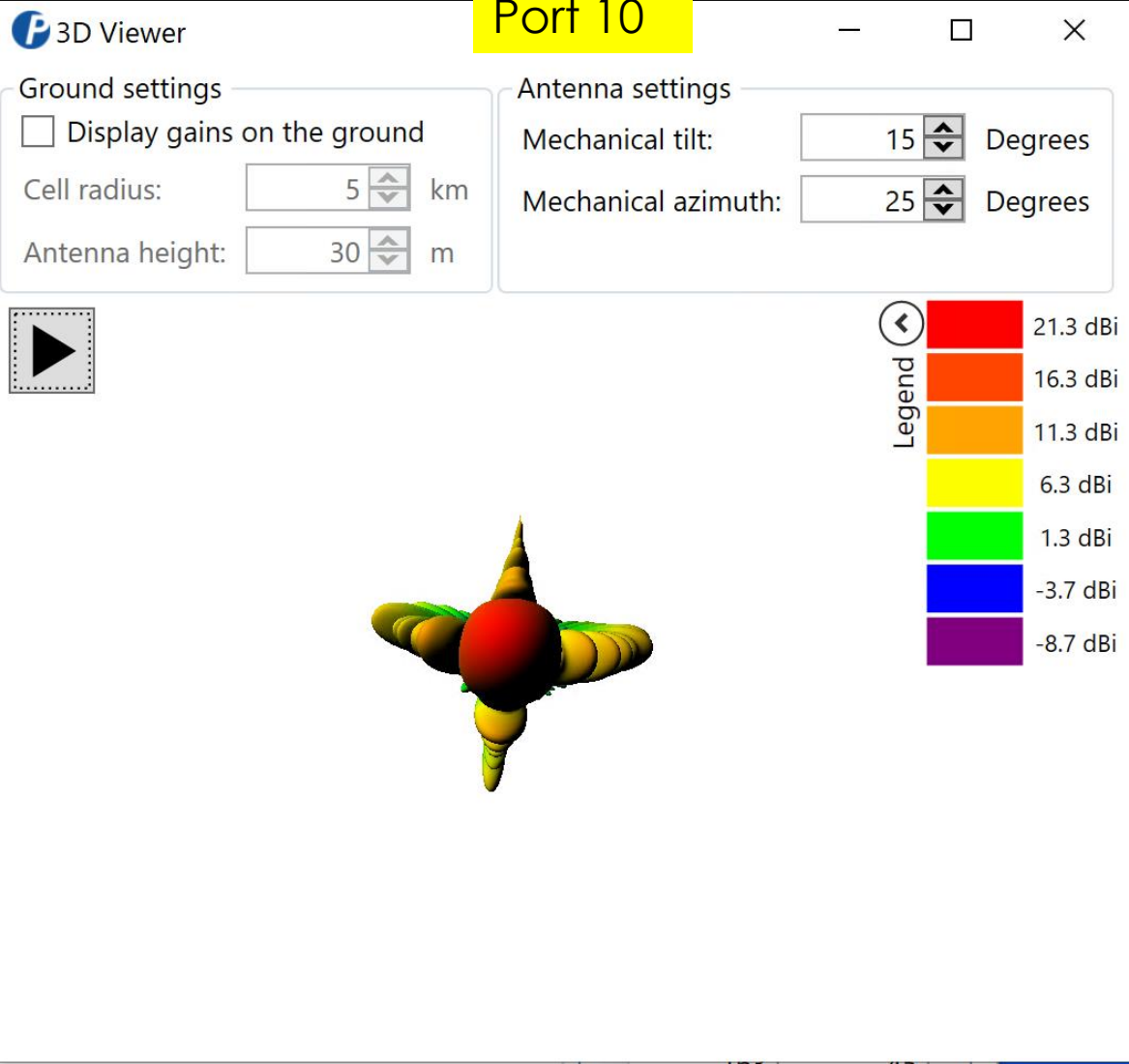
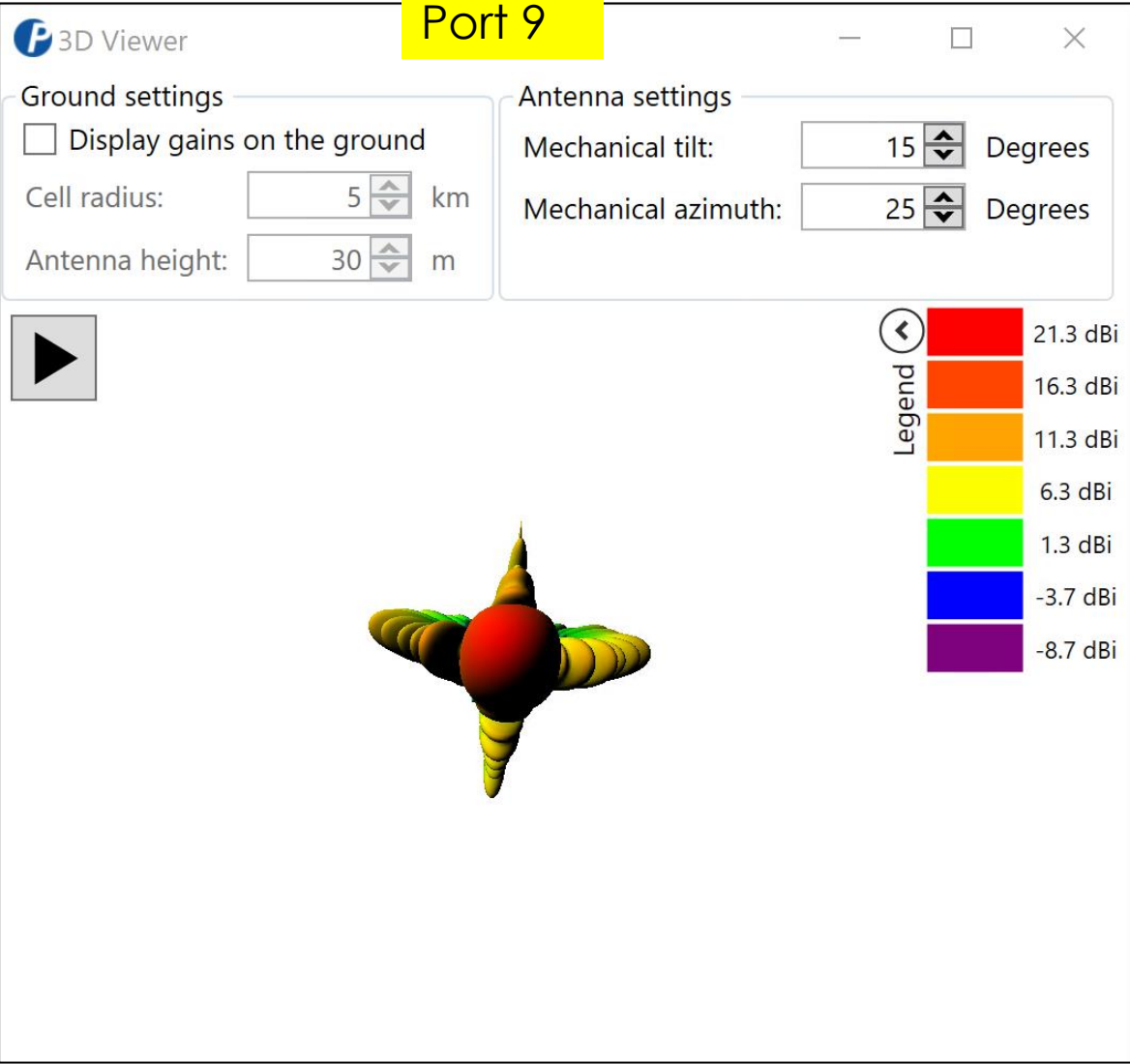
MS-12H90 (Boresight View) 1710-1722MHz T -5 Az +25



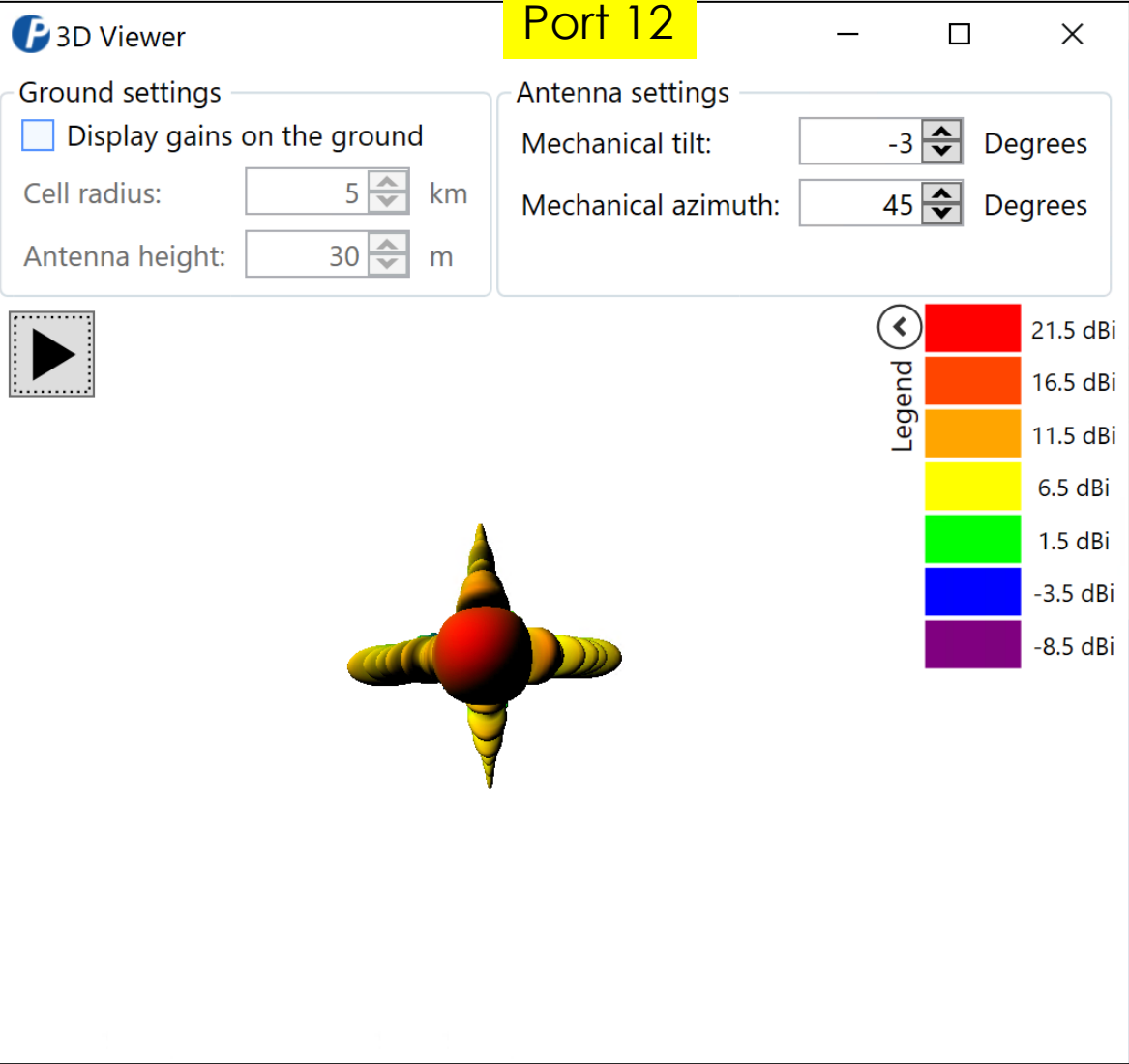
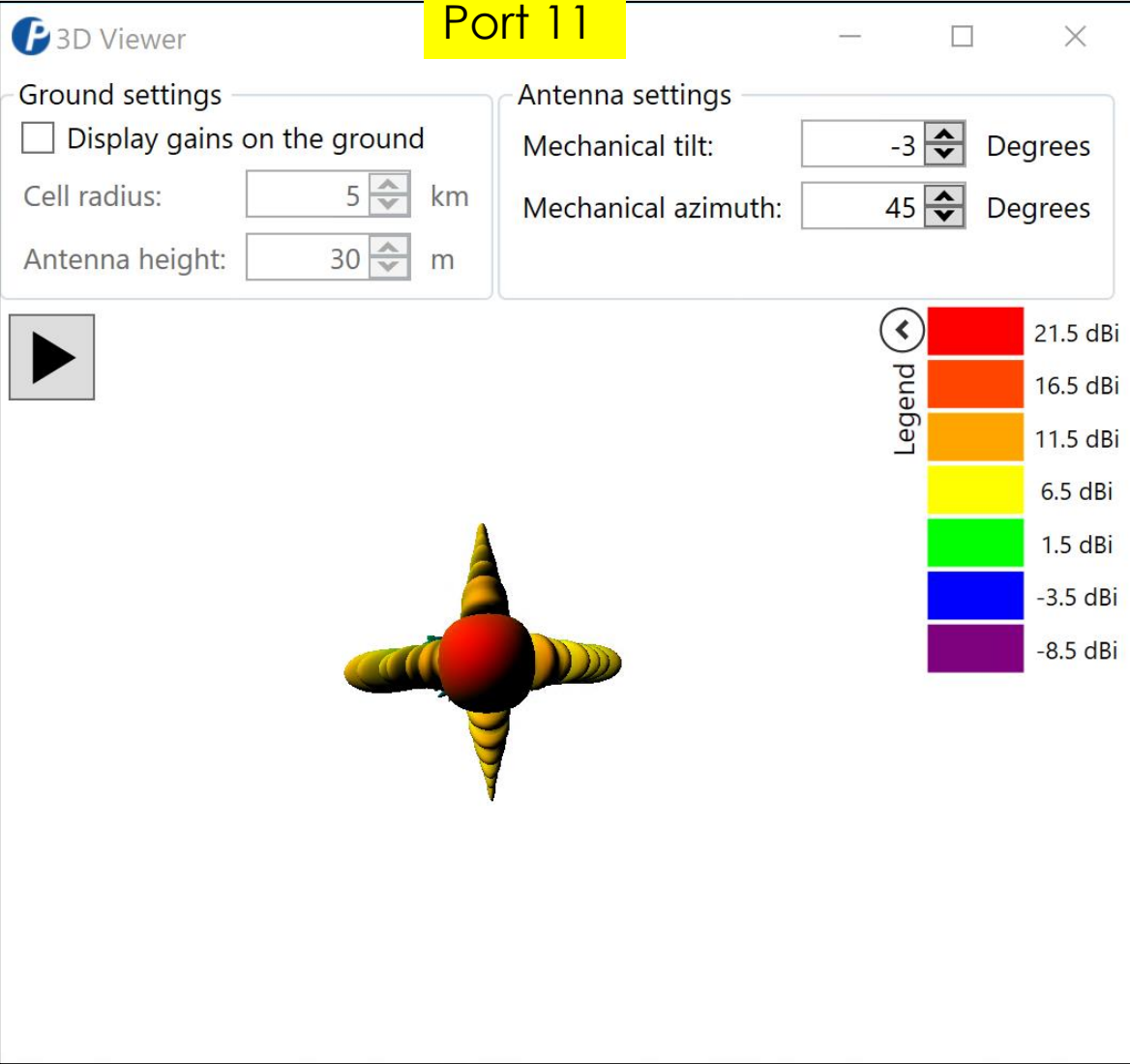
MS-12H90 (Boresight View) 1710-1722MHz T -10 Az +25



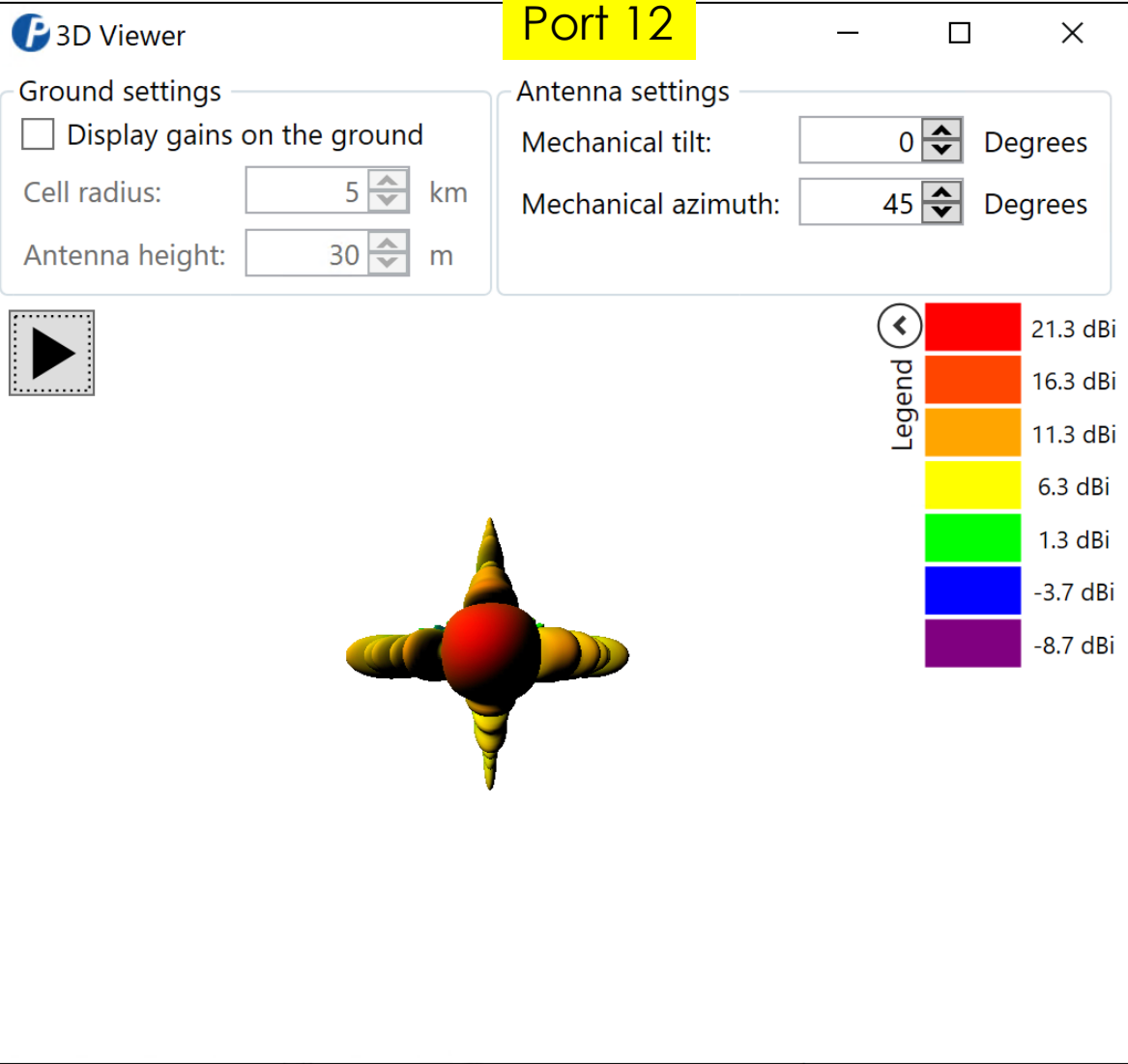
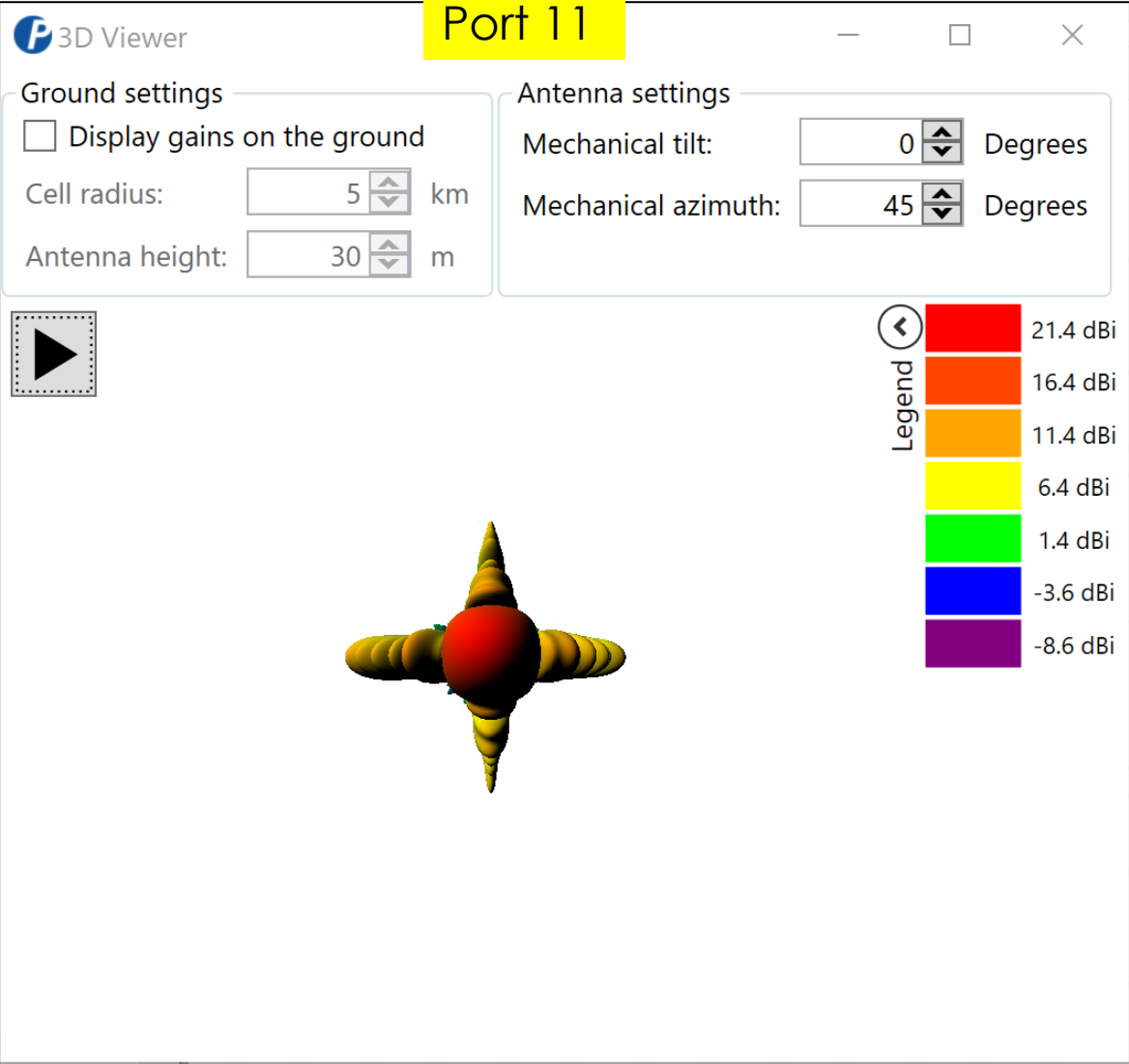
MS-12H90 (Boresight View) 1710-1722MHz T -15 Az +25



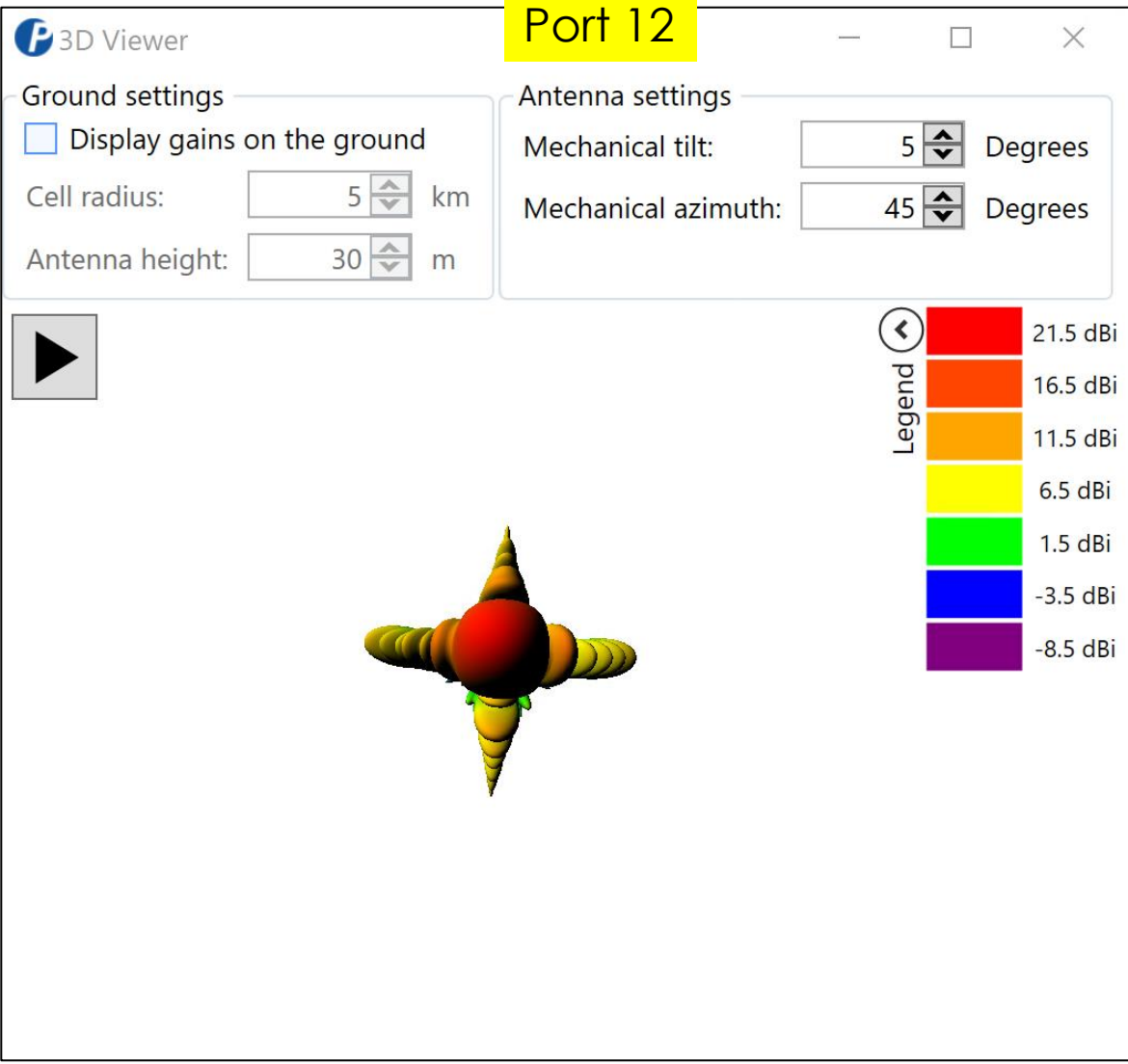
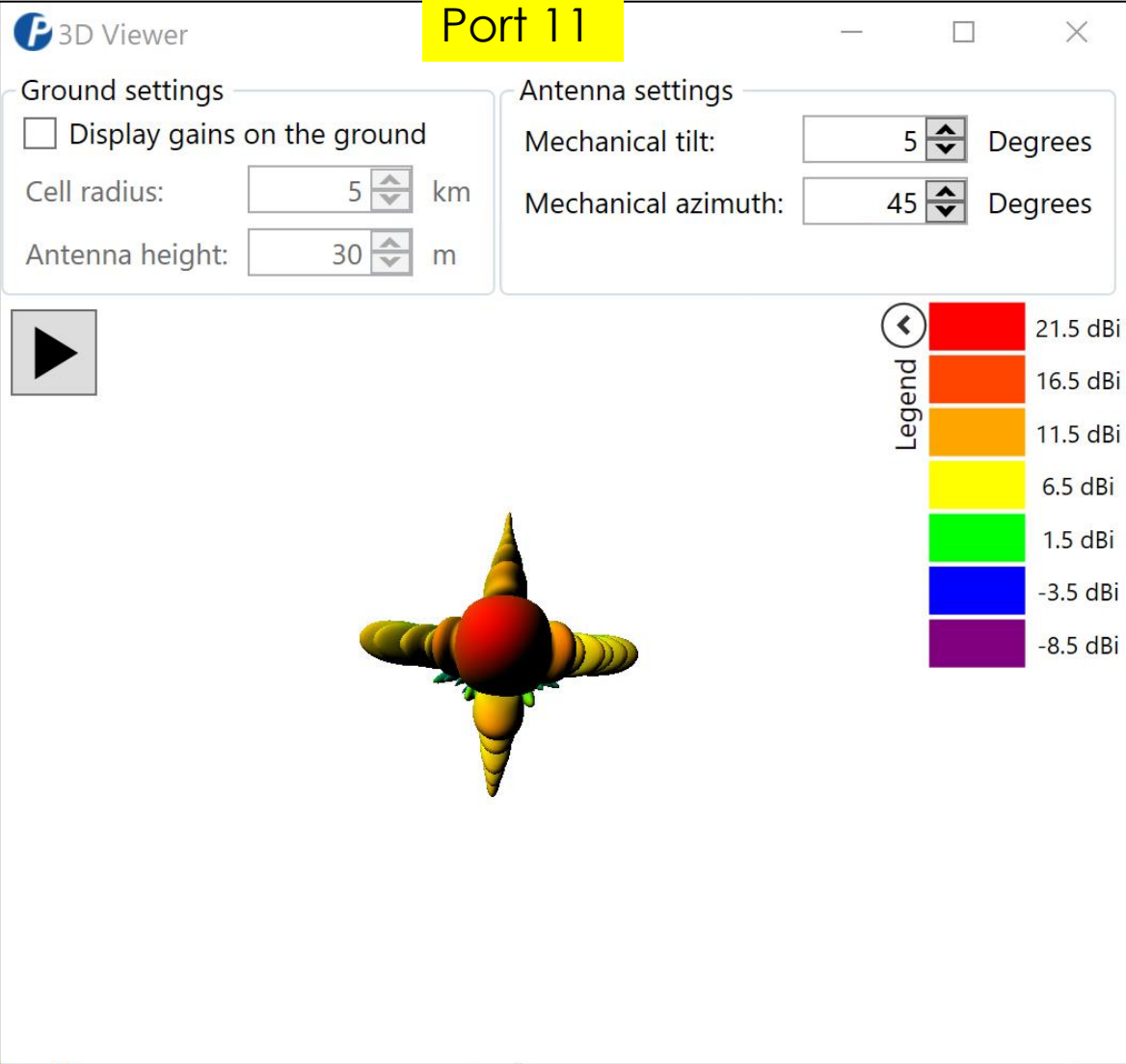
MS-12H90 (Boresight View) 1710-1722MHz T +3 Az +45



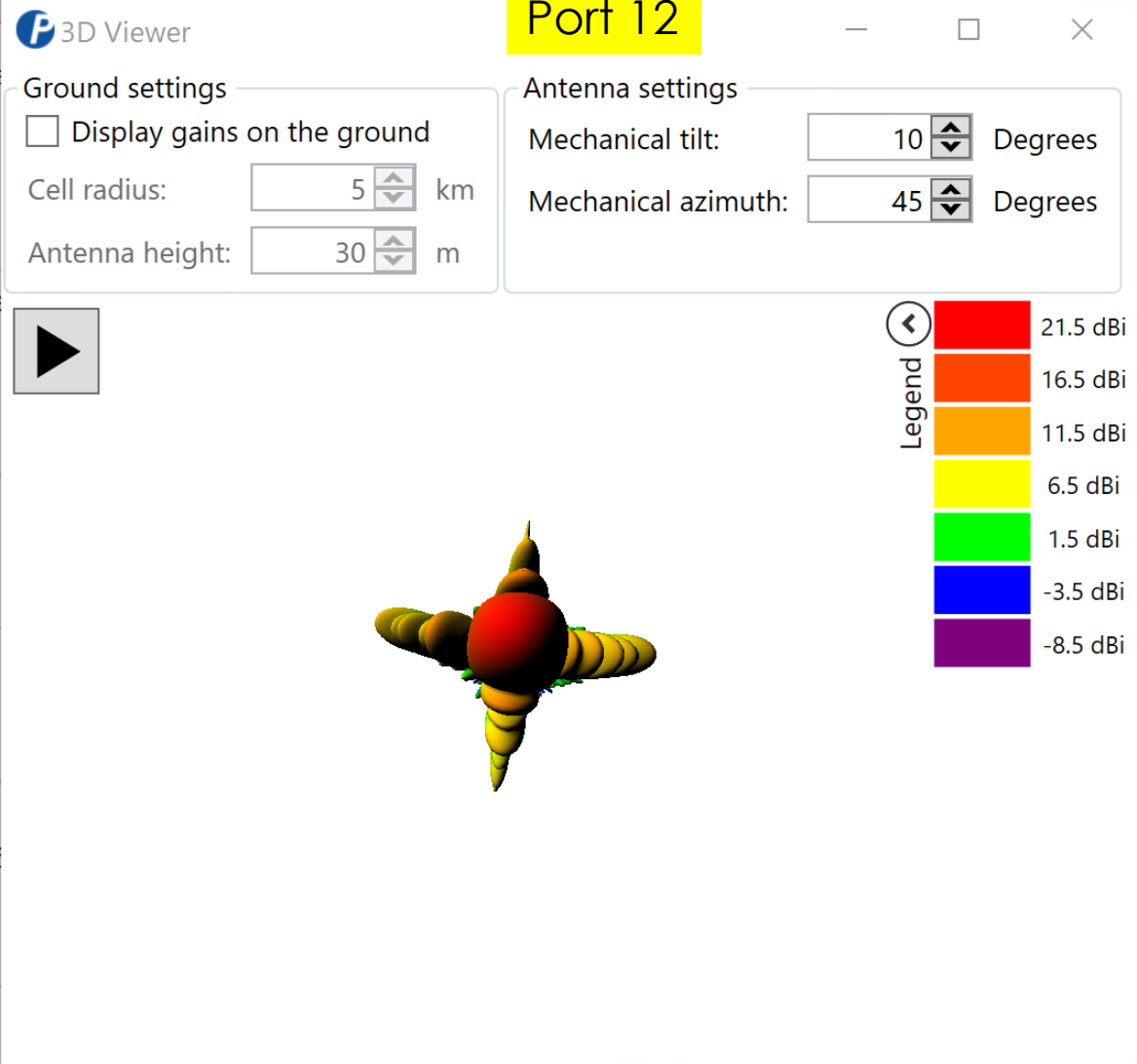
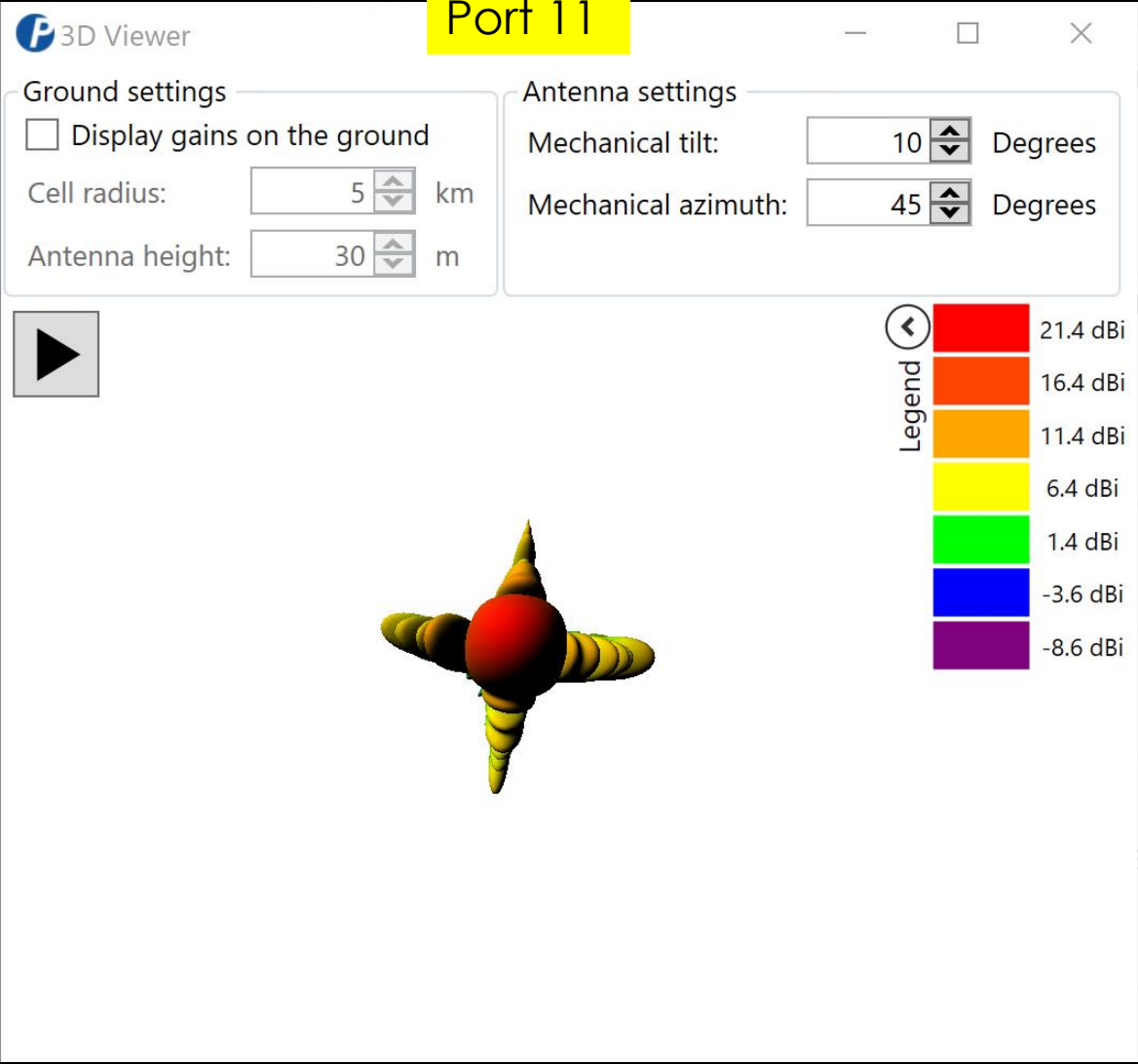
MS-12H90 (Boresight View) 1710-1722MHz T 0 Az +45



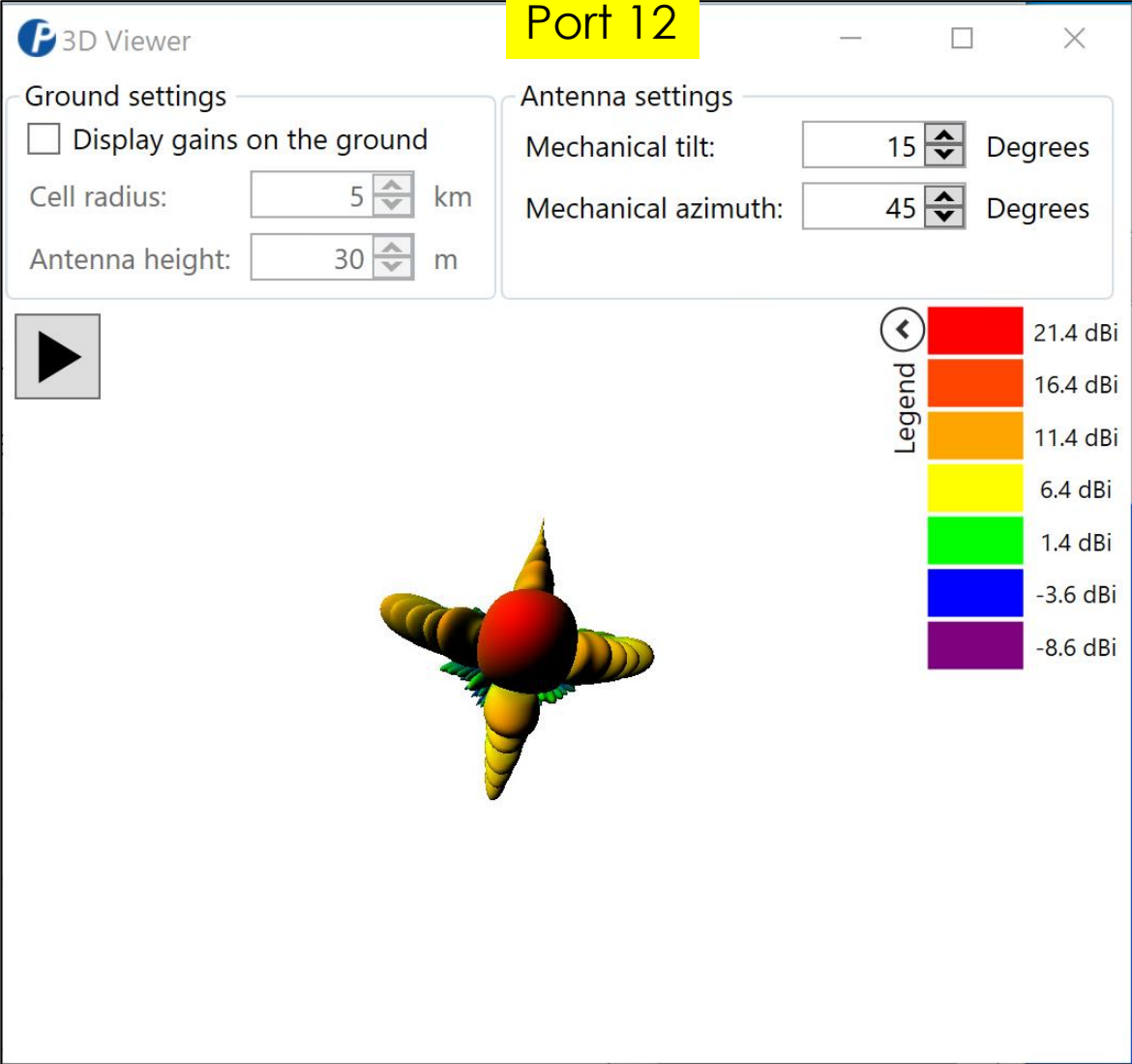
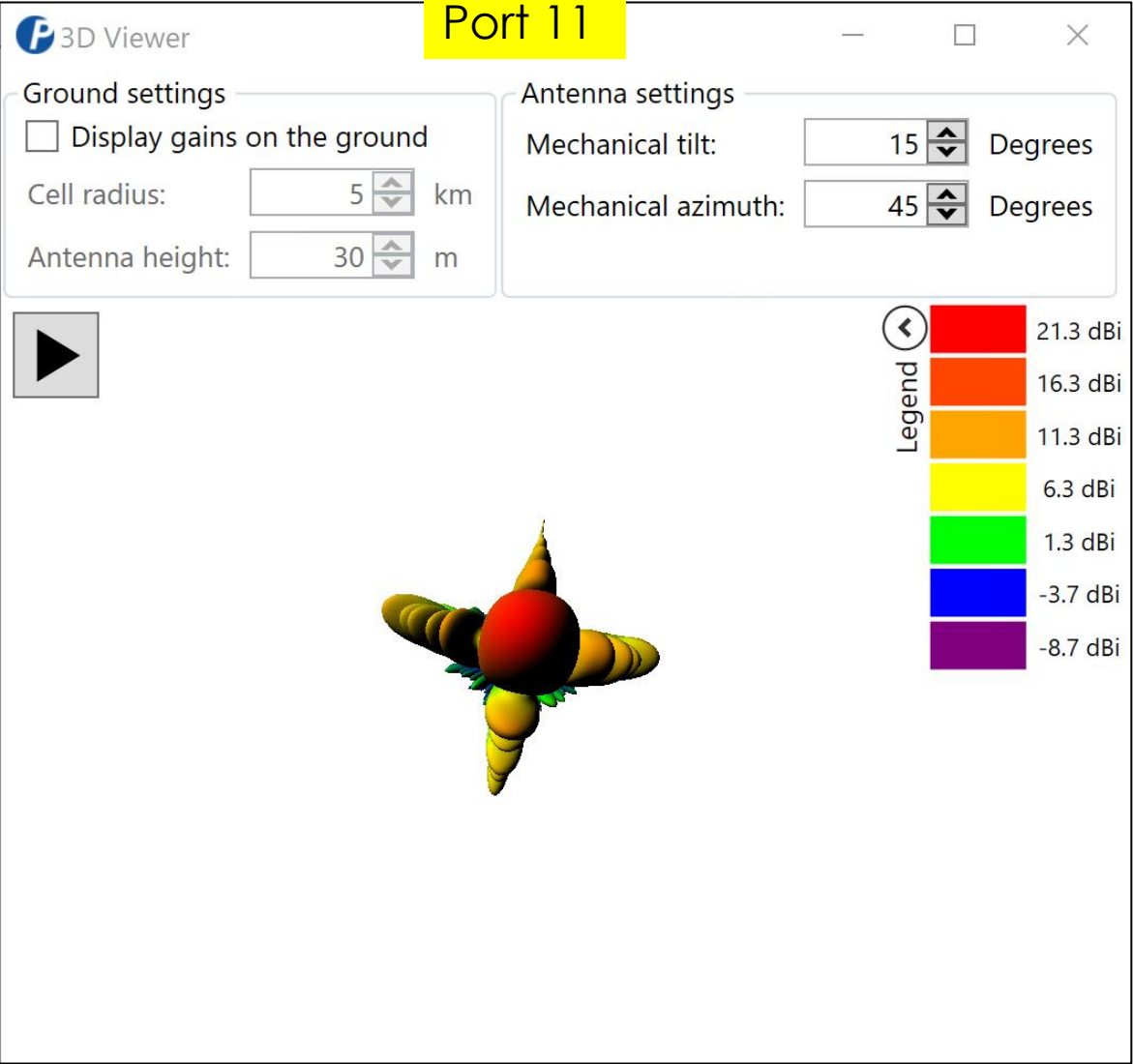
MS-12H90 (Boresight View) 1710-1722MHz T -5 Az +45



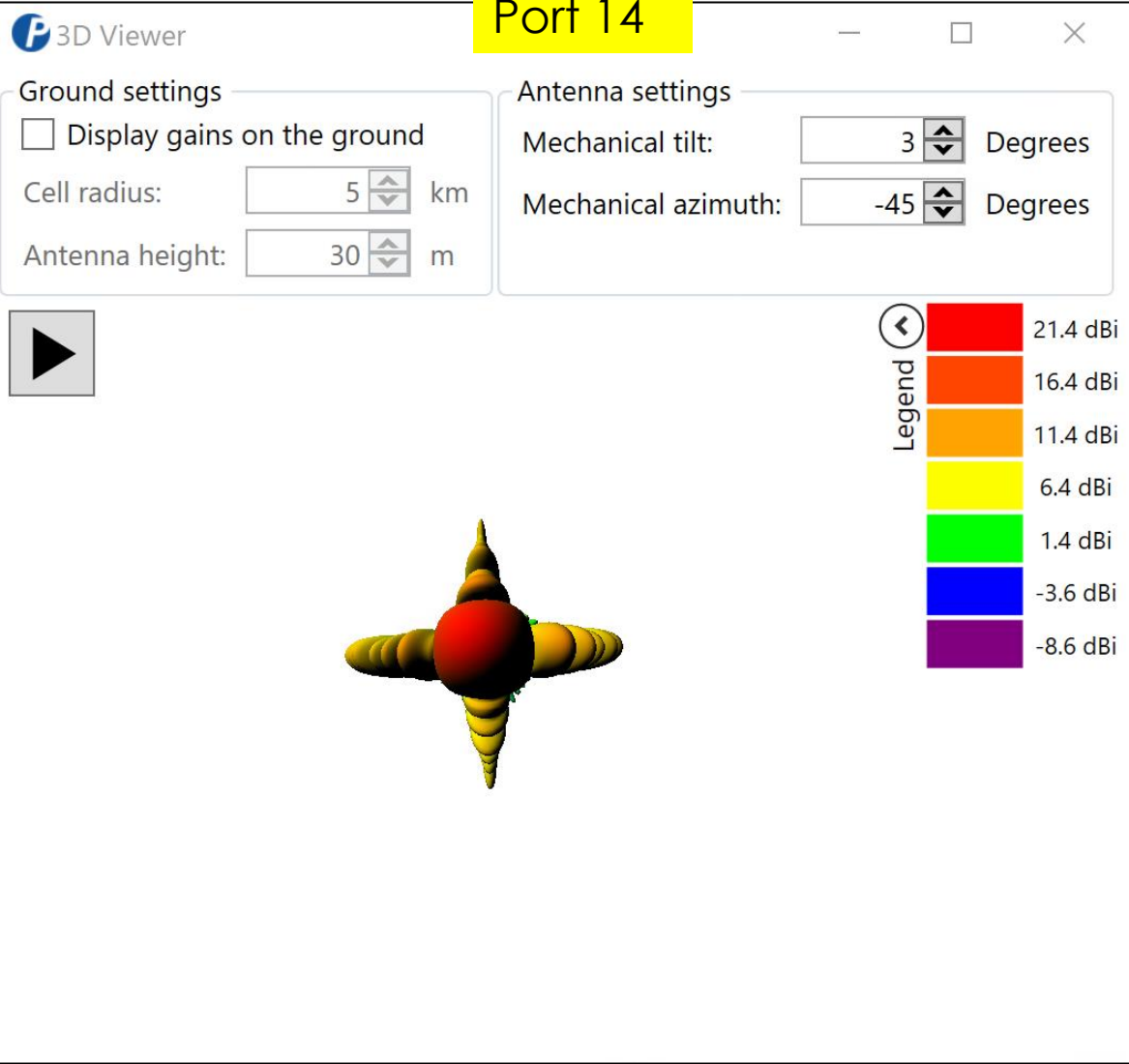
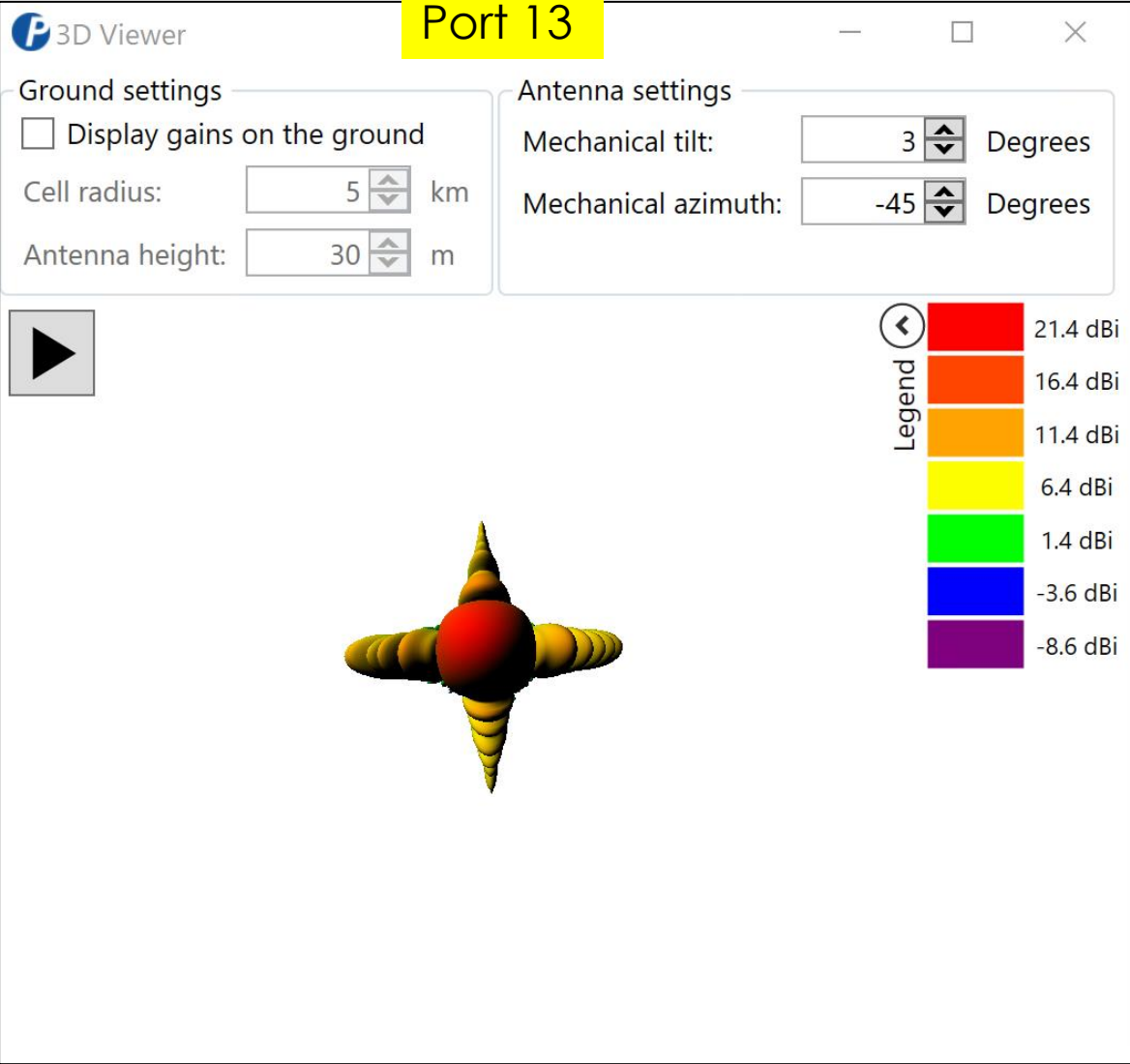
MS-12H90 (Boresight View) 1710-1722MHz T -10 Az +45



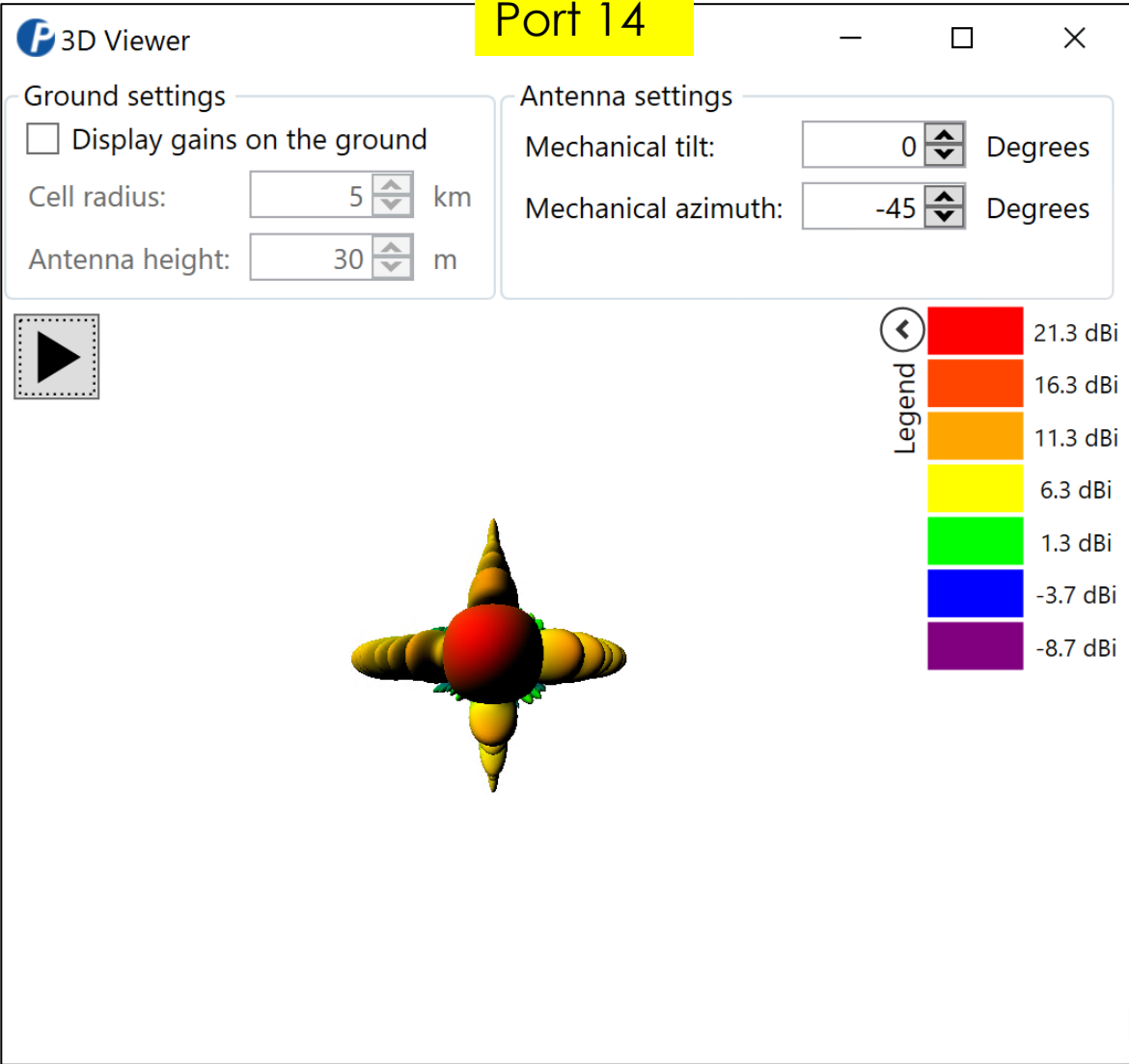
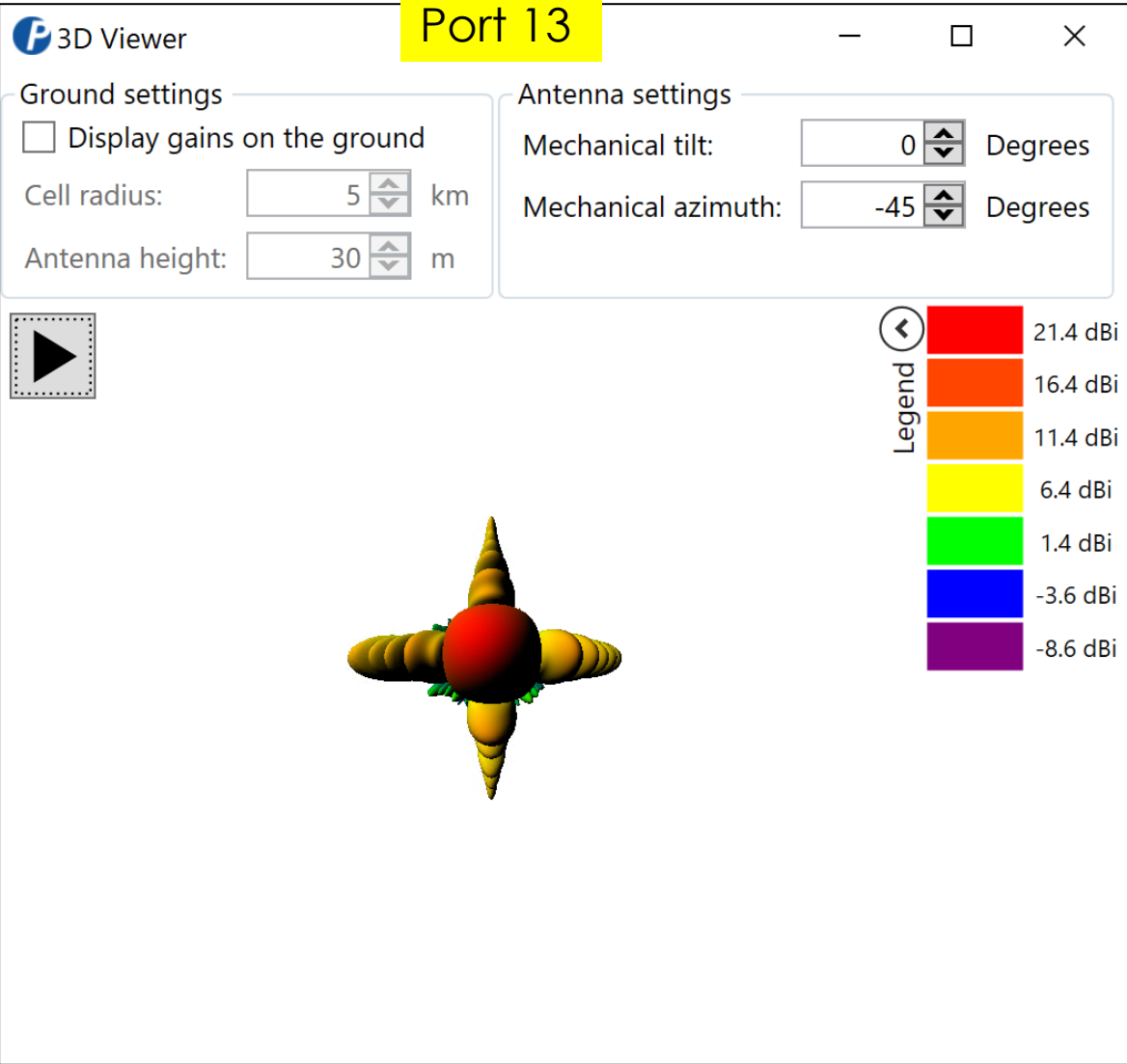
MS-12H90 (Boresight View) 1710-1722MHz T -15 Az +45



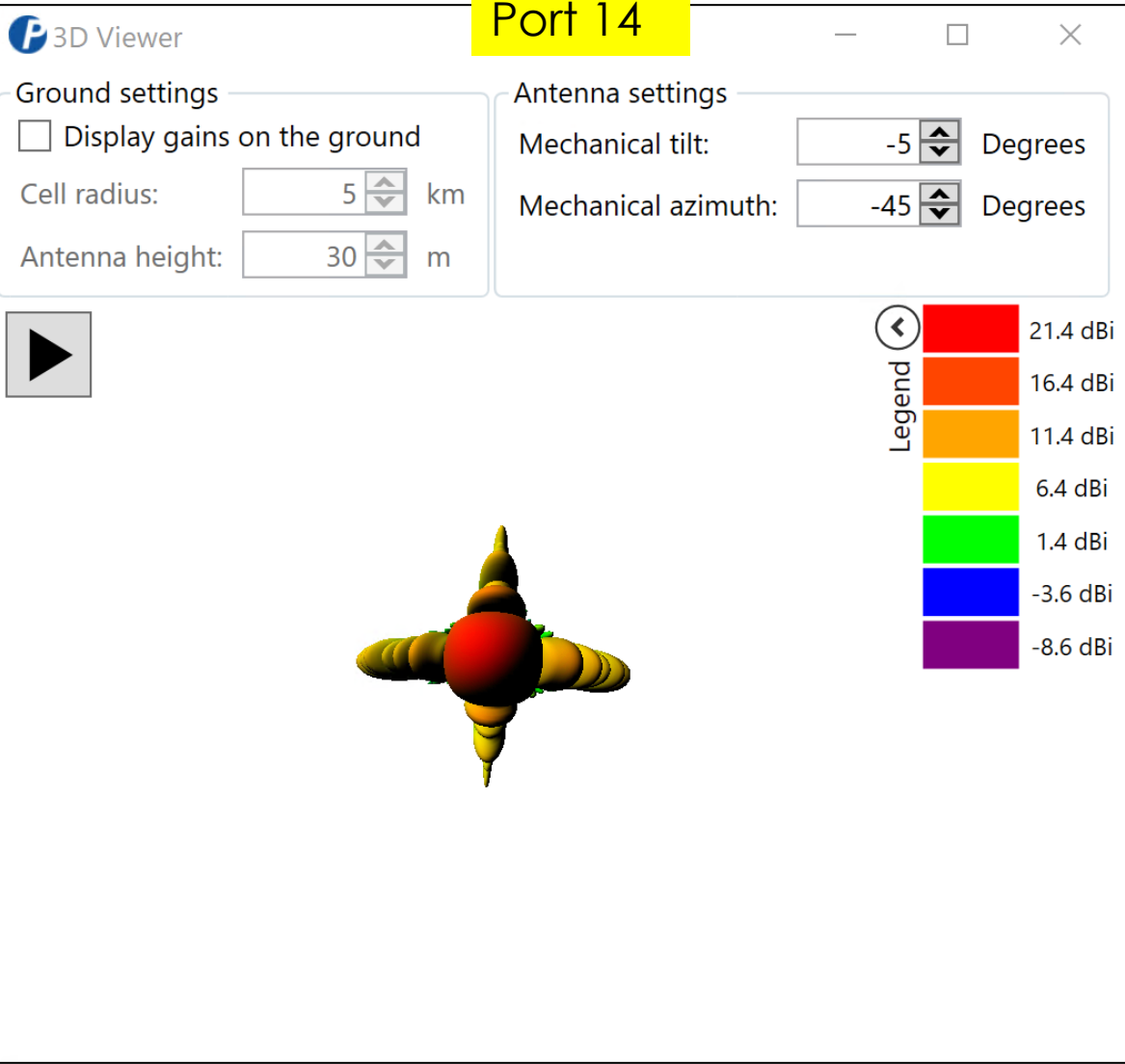
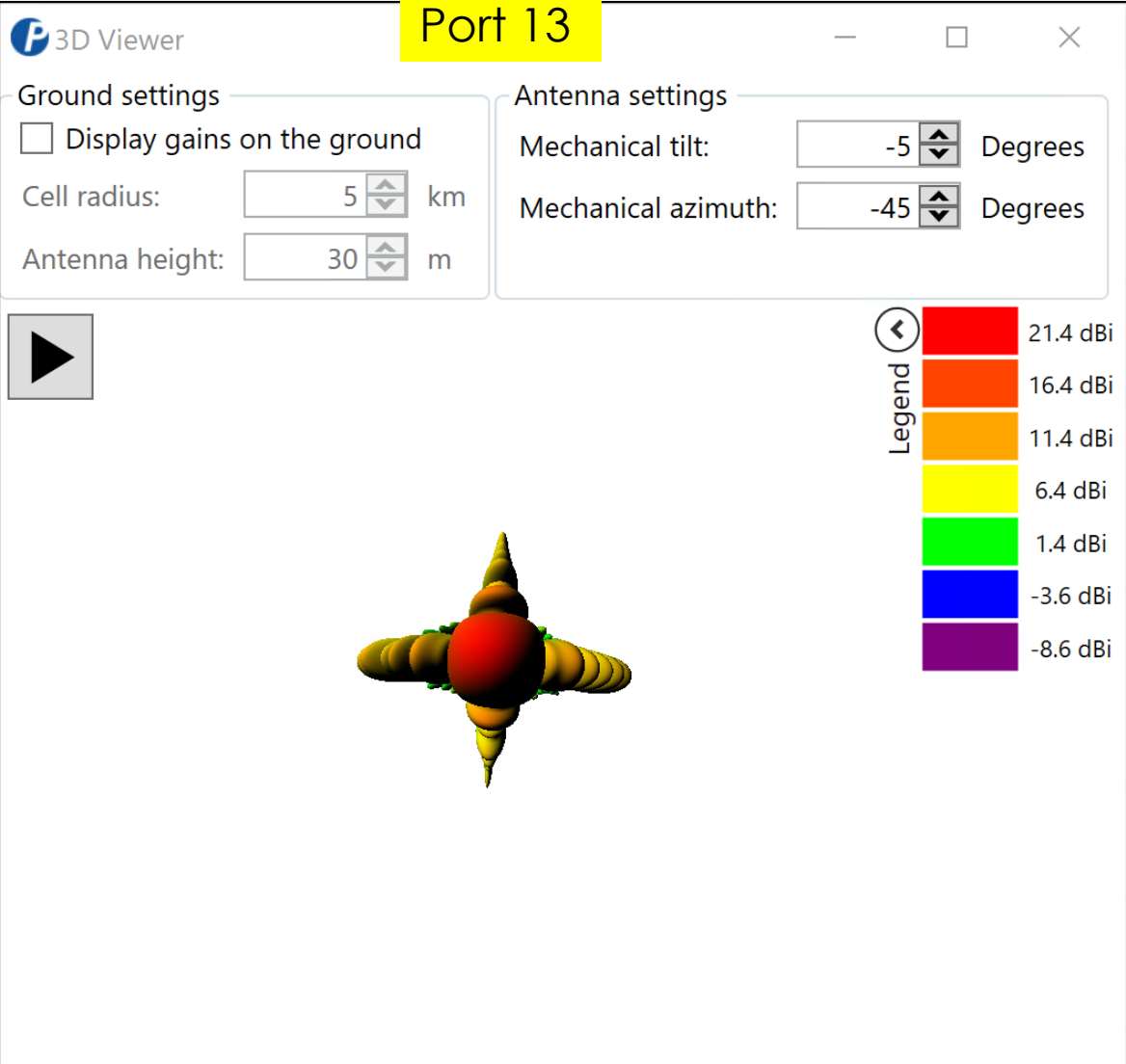
MS-12H90 (Boresight View) 1710-1722MHz T -3 Az -45



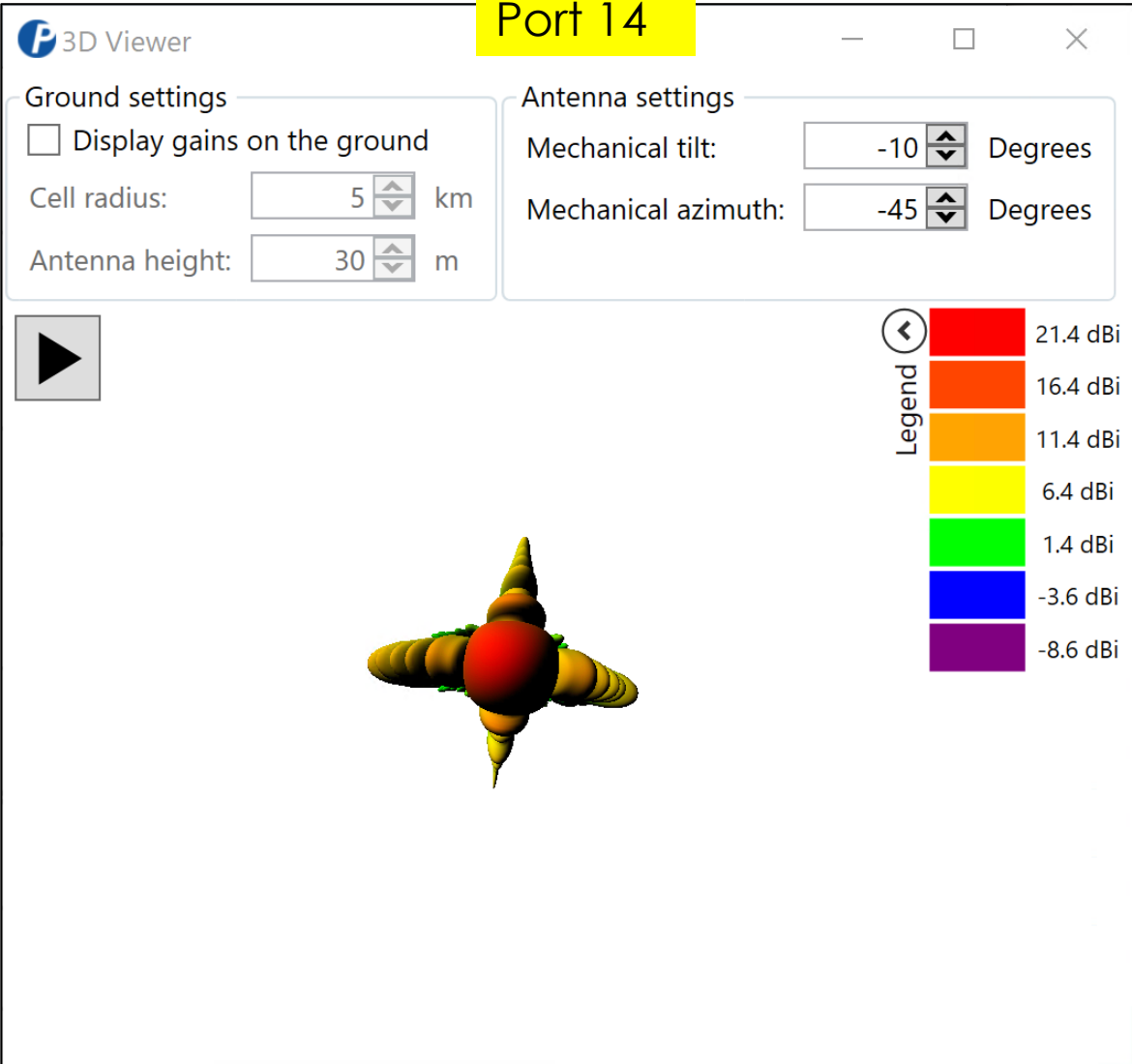
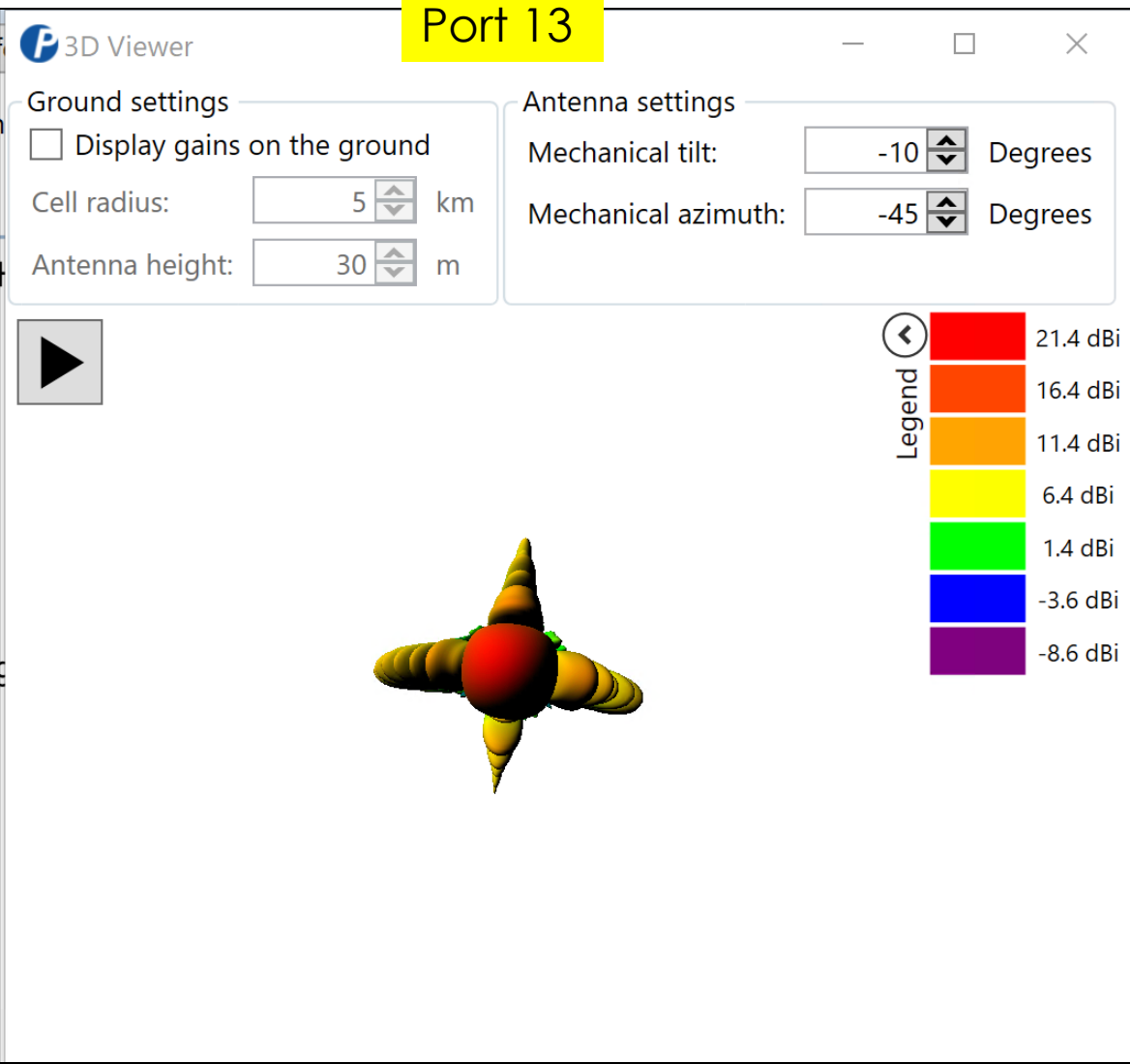
MS-12H90 (Boresight View) 1710-1722MHz T 0 Az -45



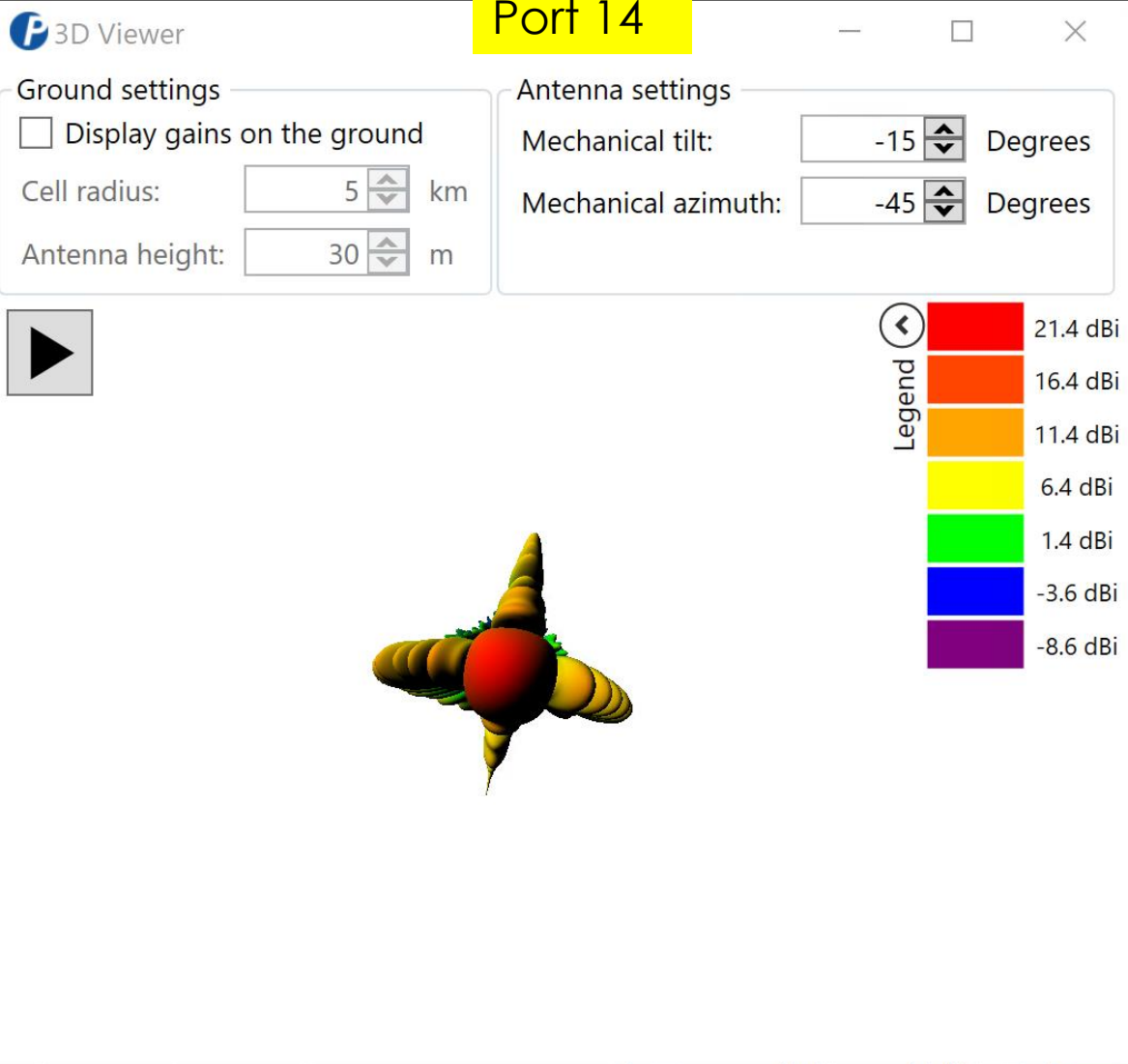
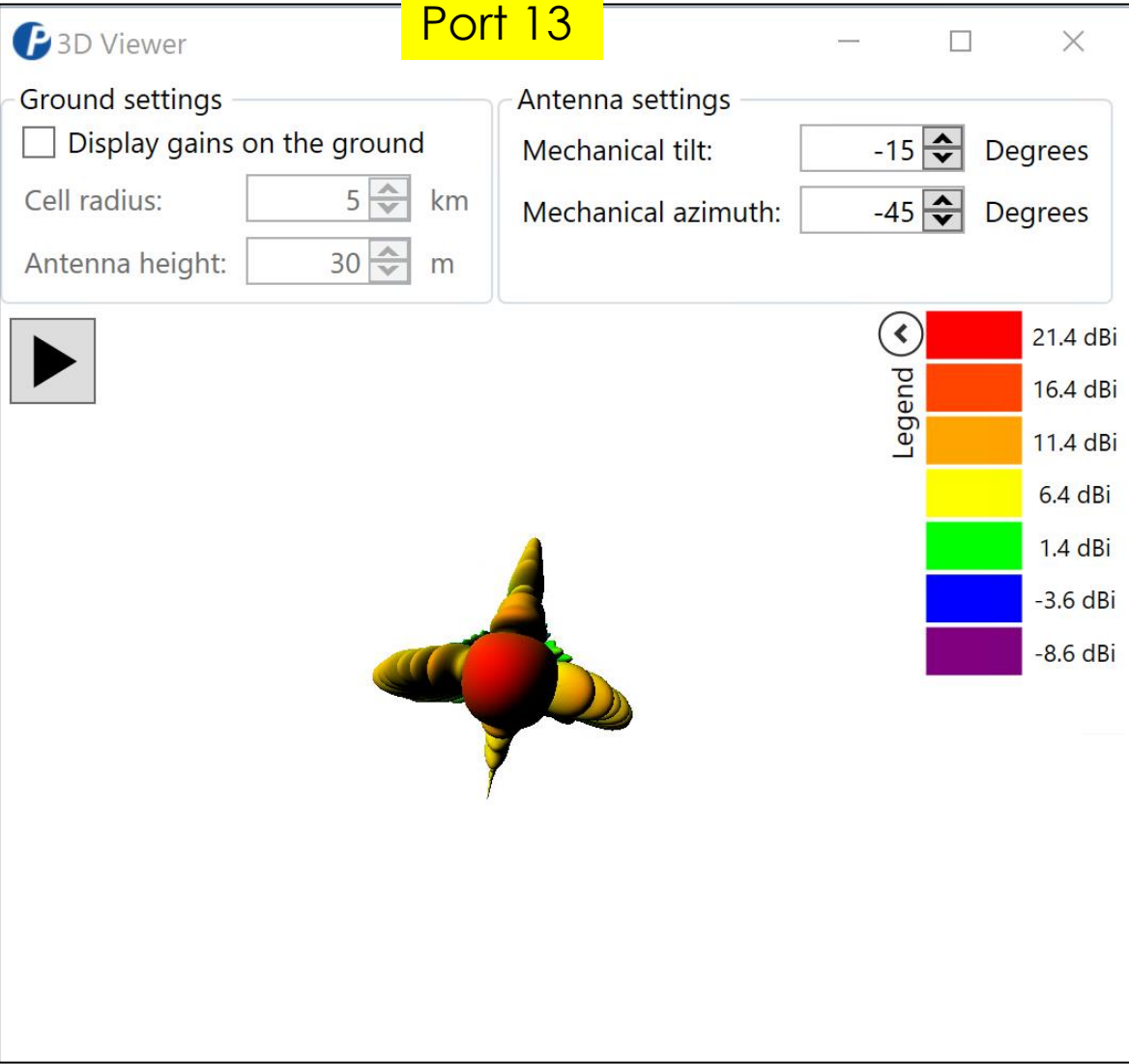
MS-12H90 (Boresight View) 1710-1722MHz T +5 Az -45



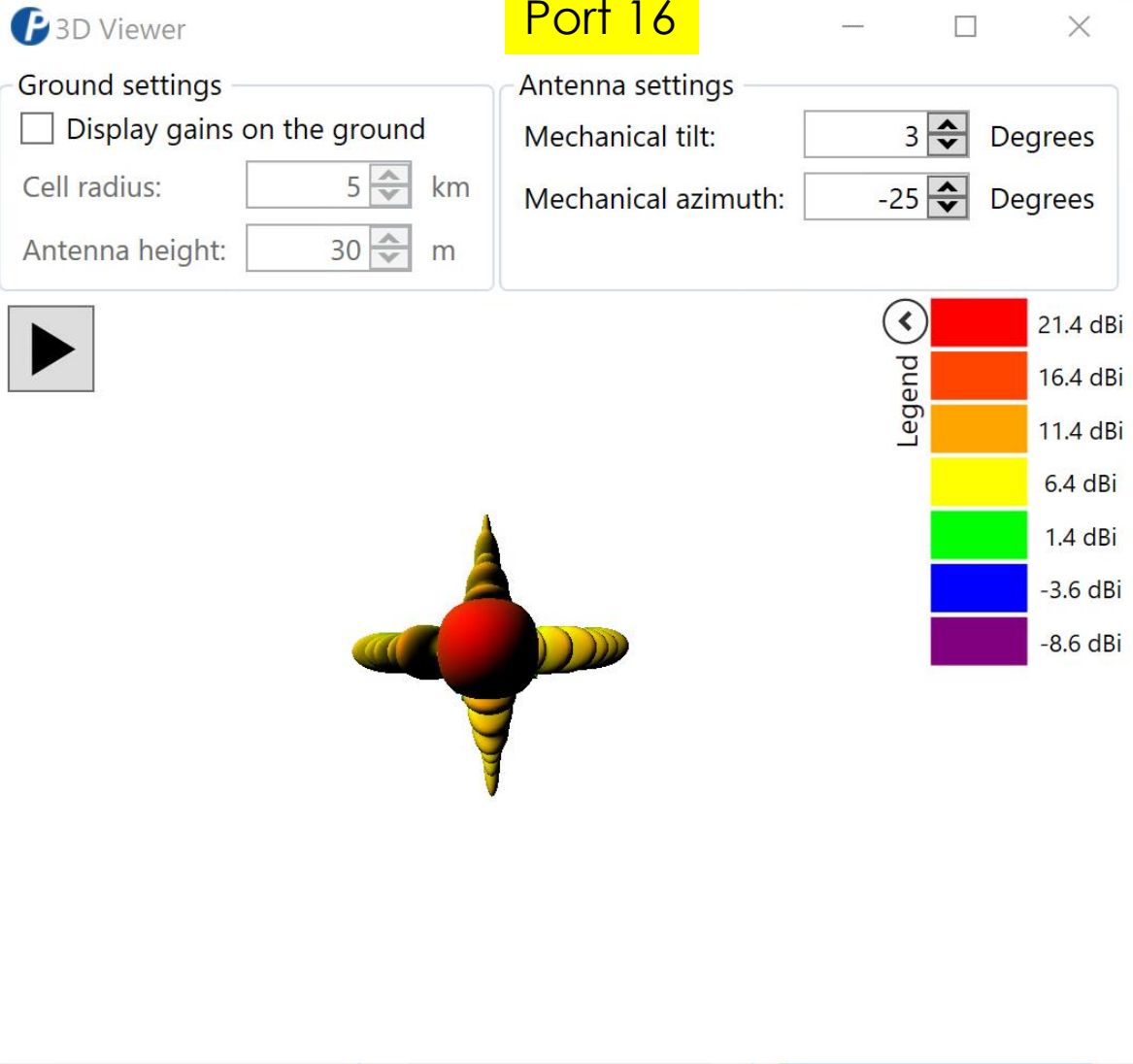
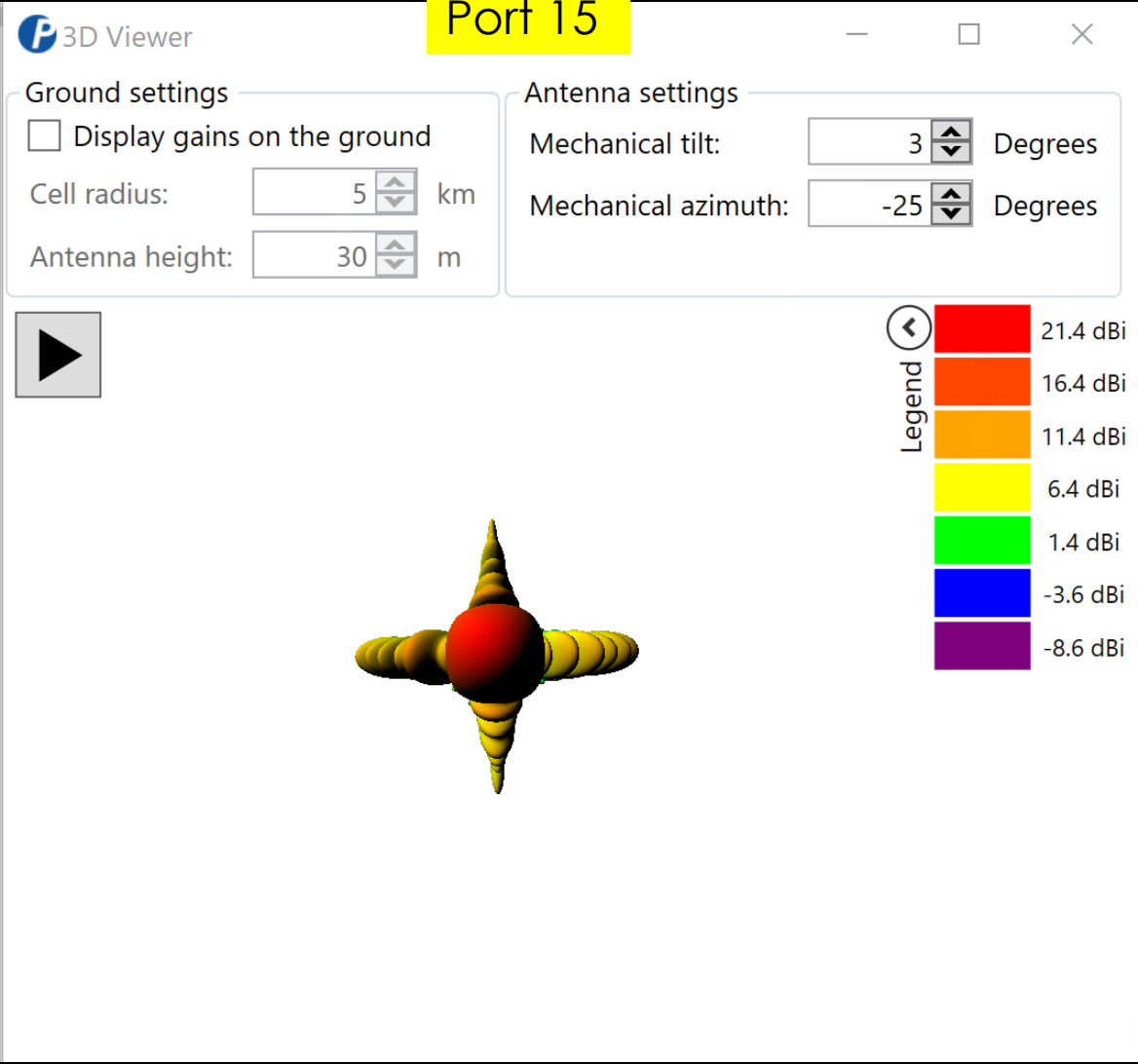
MS-12H90 (Boresight View) 1710-1722MHz T +10 Az -45



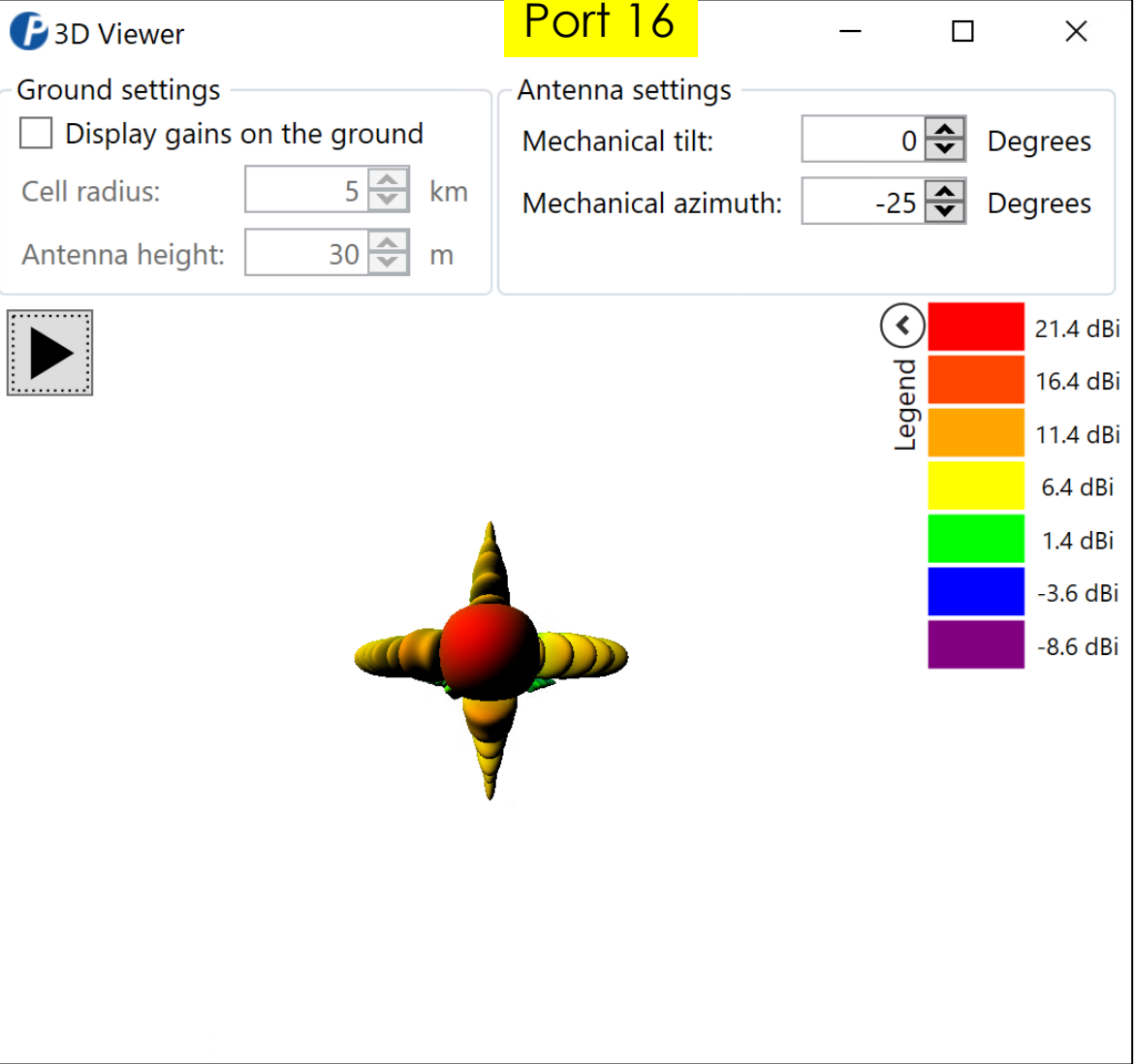
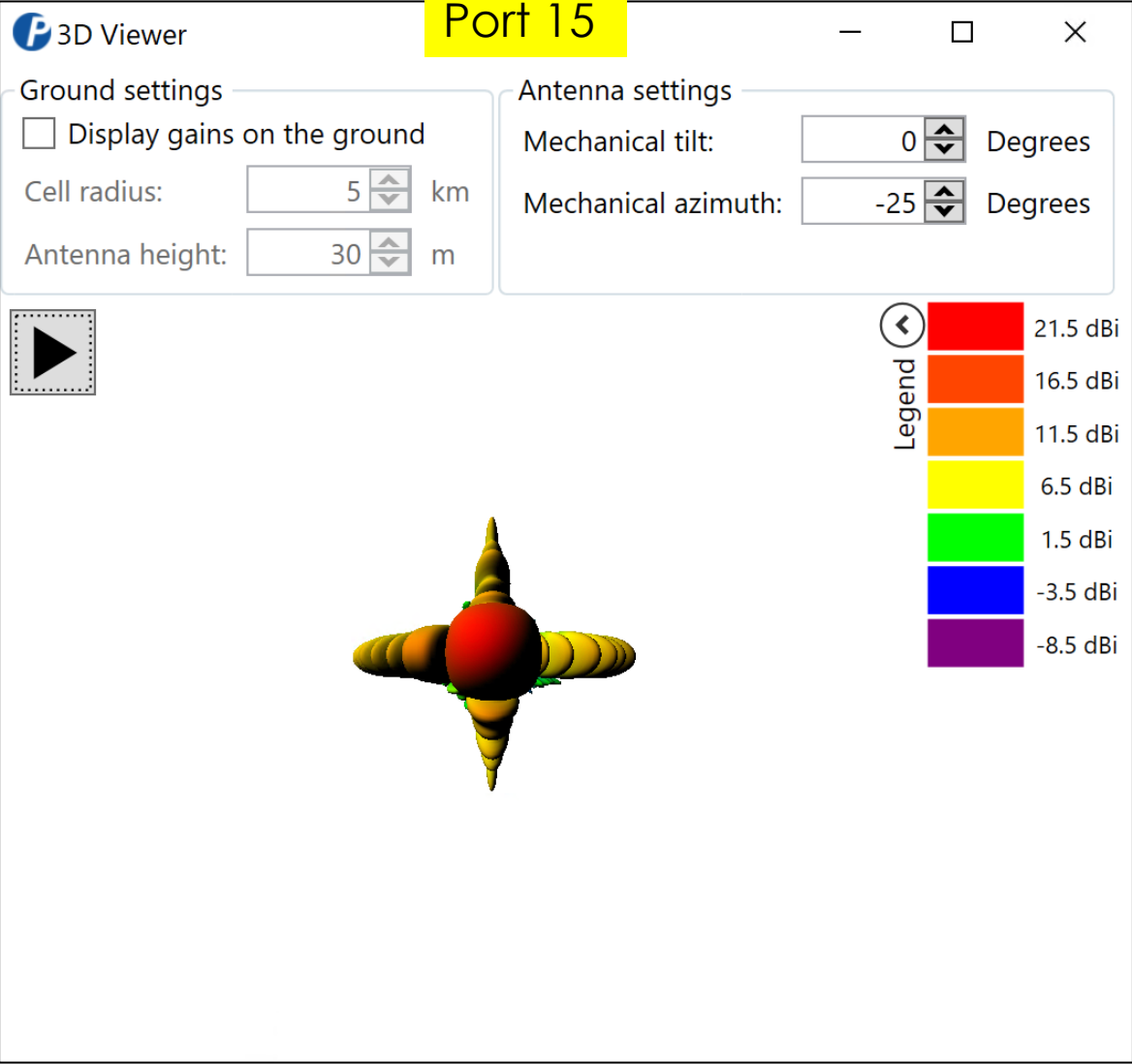
MS-12H90 (Boresight View) 1710-1722MHz T +15 Az -45



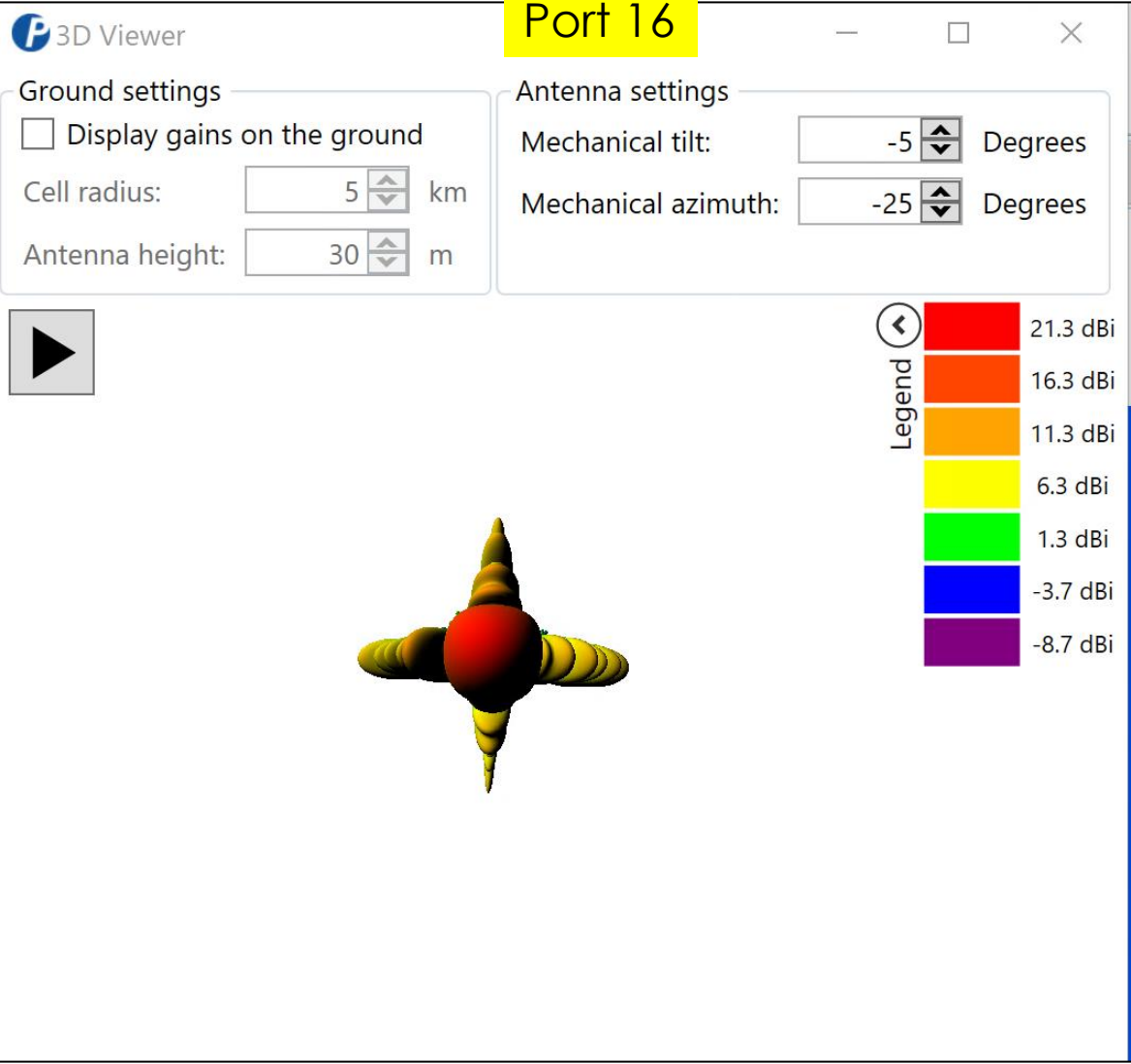
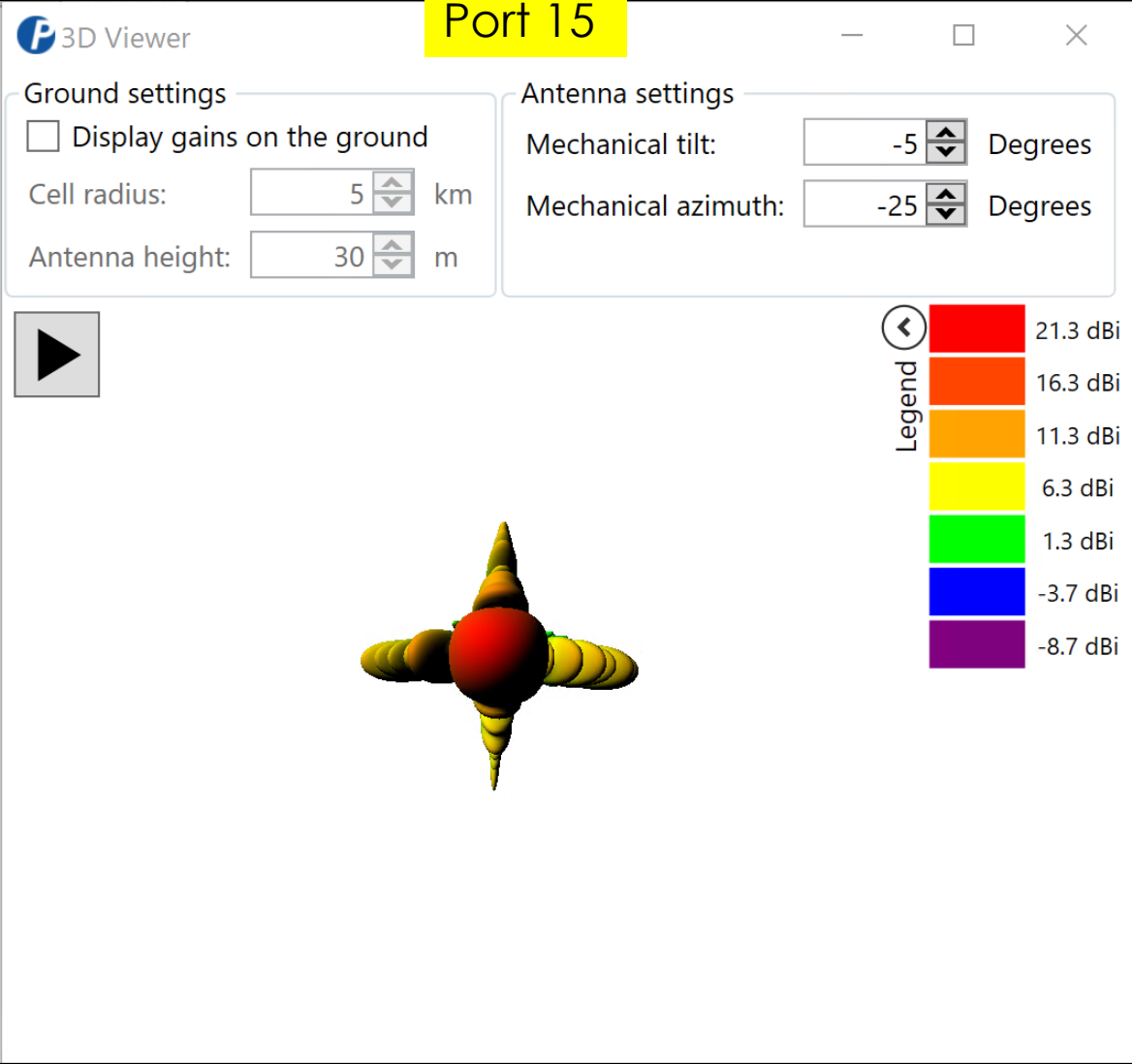
MS-12H90 (Boresight View) 1710-1722MHz T -3 Az -25



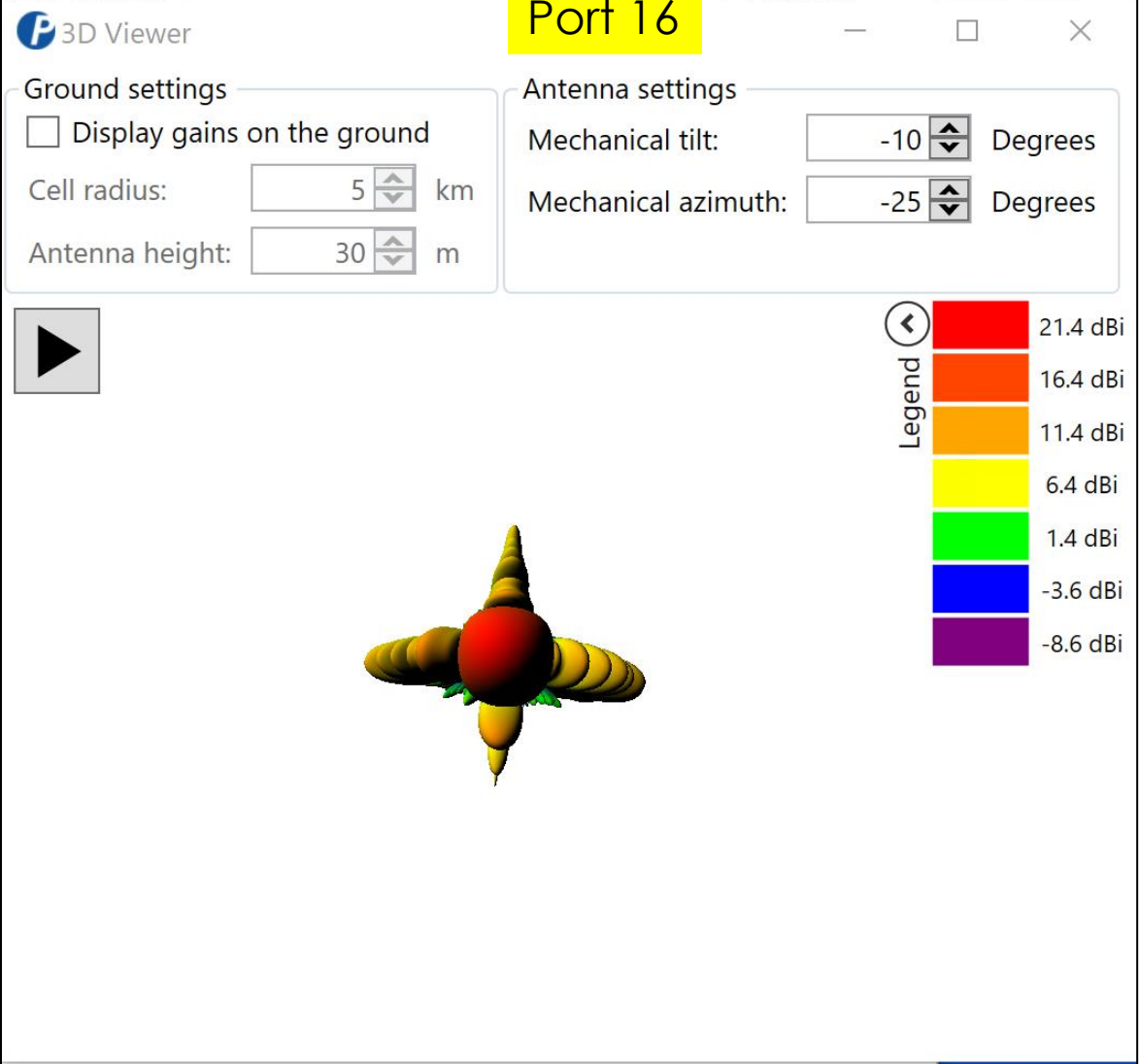
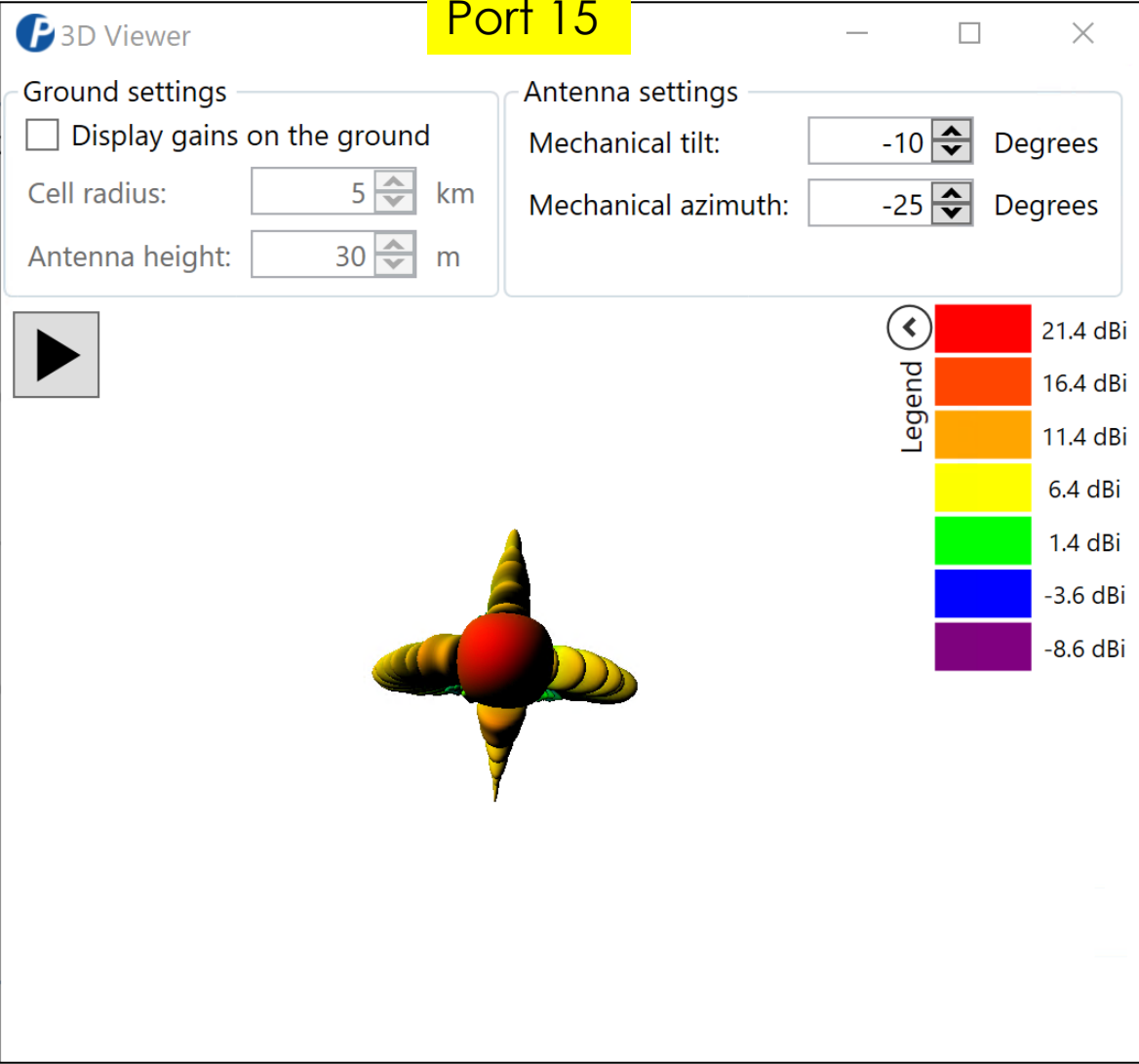
MS-12H90 (Boresight View) 1710-1722MHz T 0 Az -25



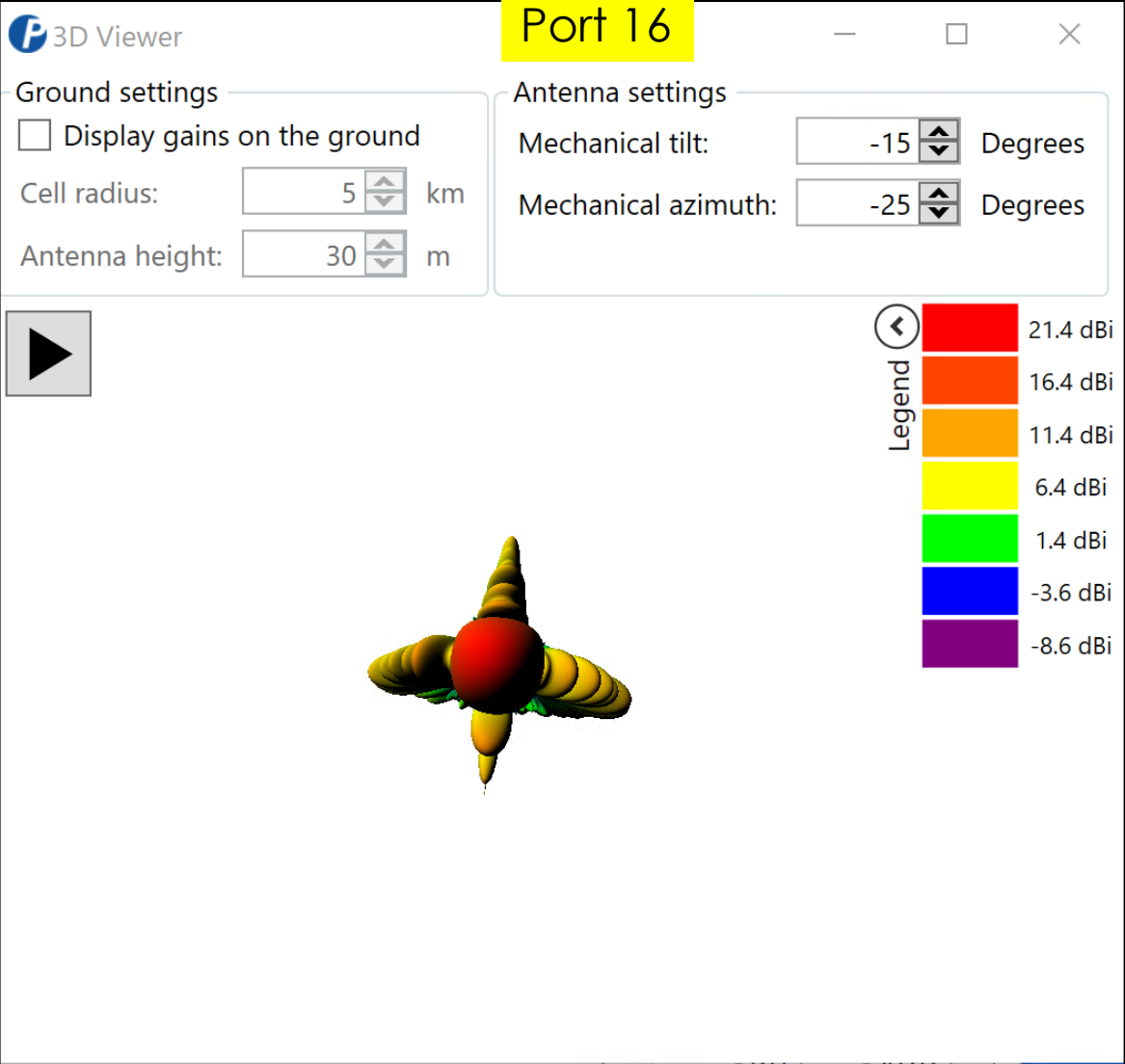
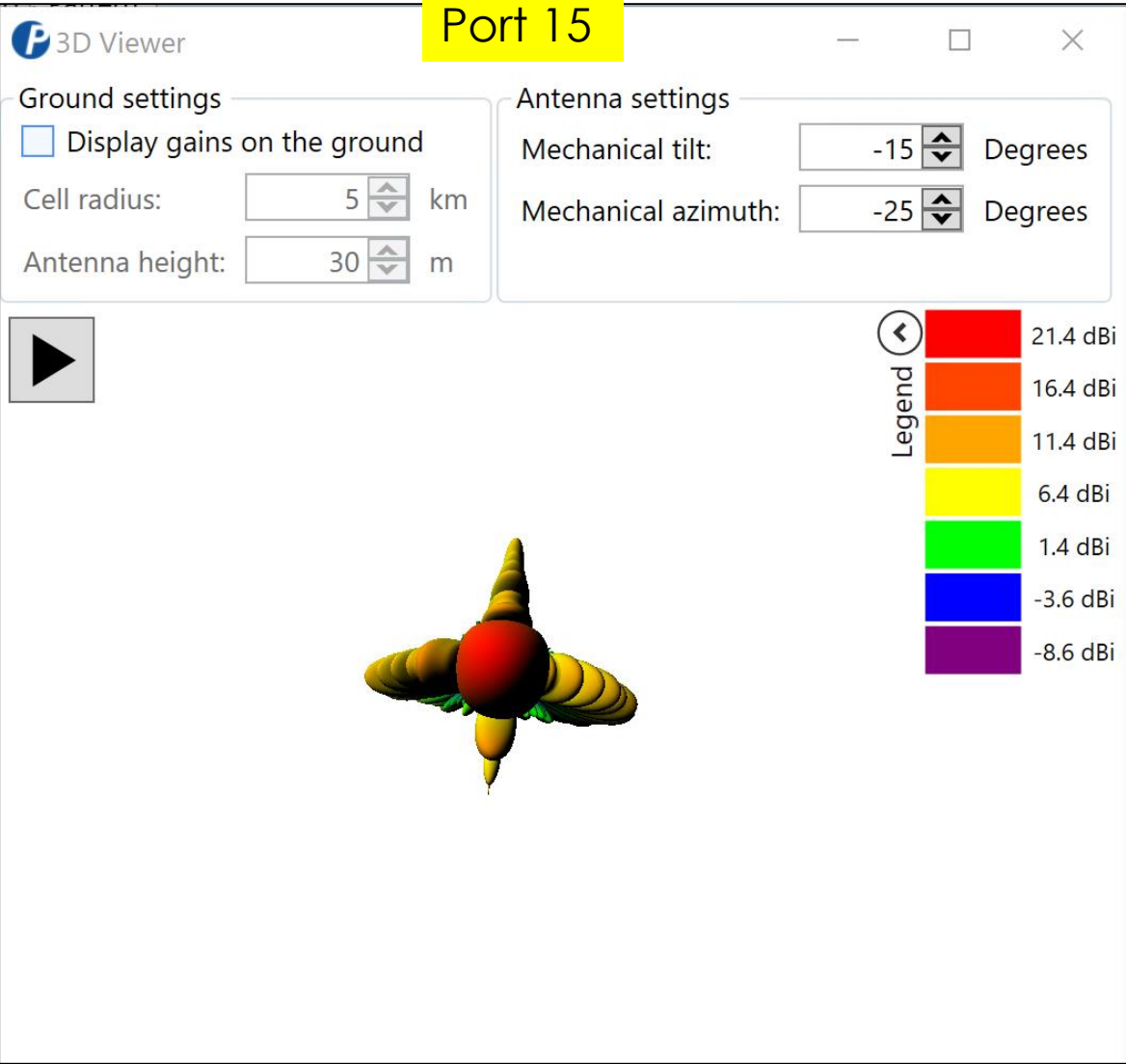
MS-12H90 (Boresight View) 1710-1722MHz T +5 Az -25



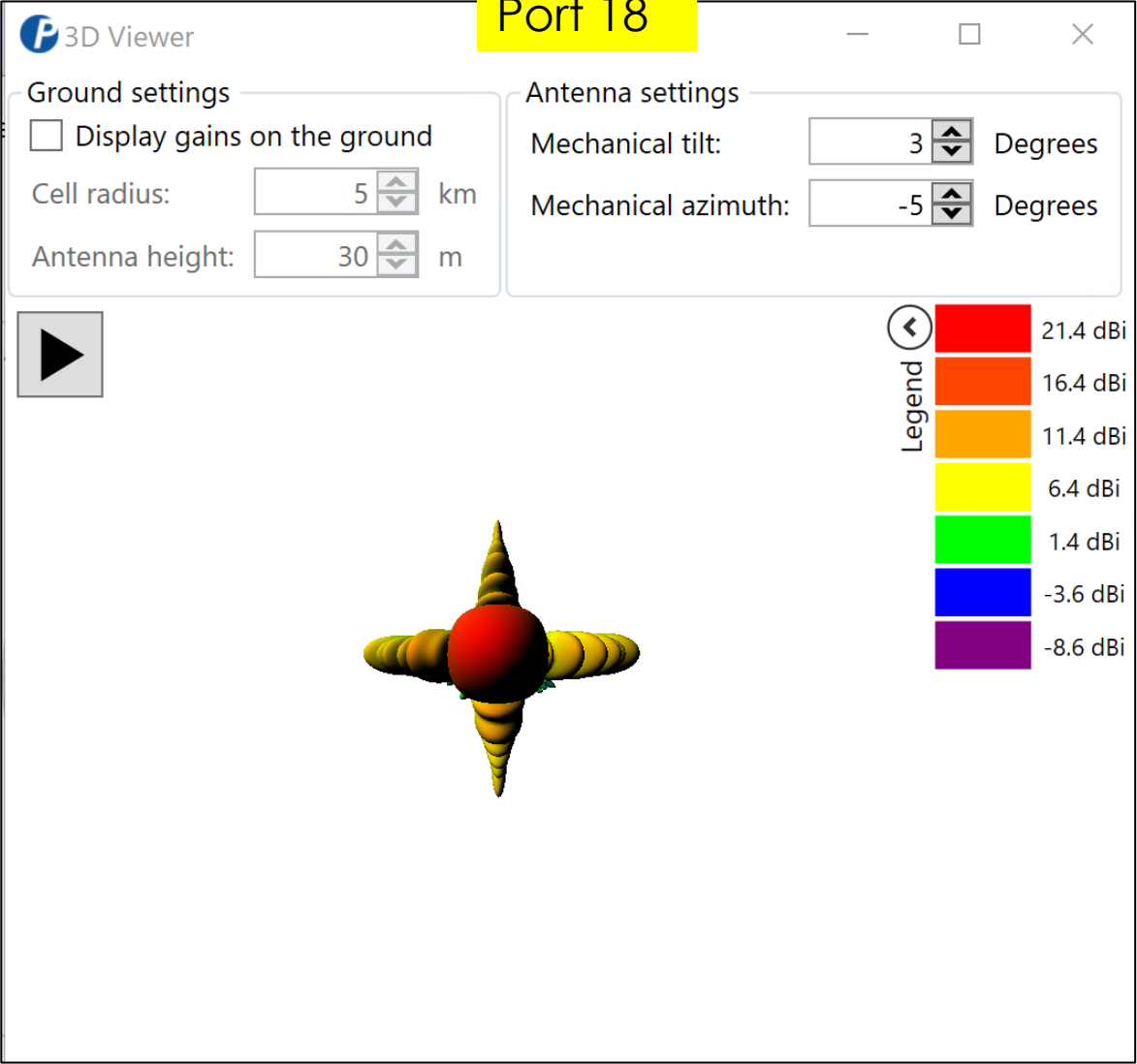
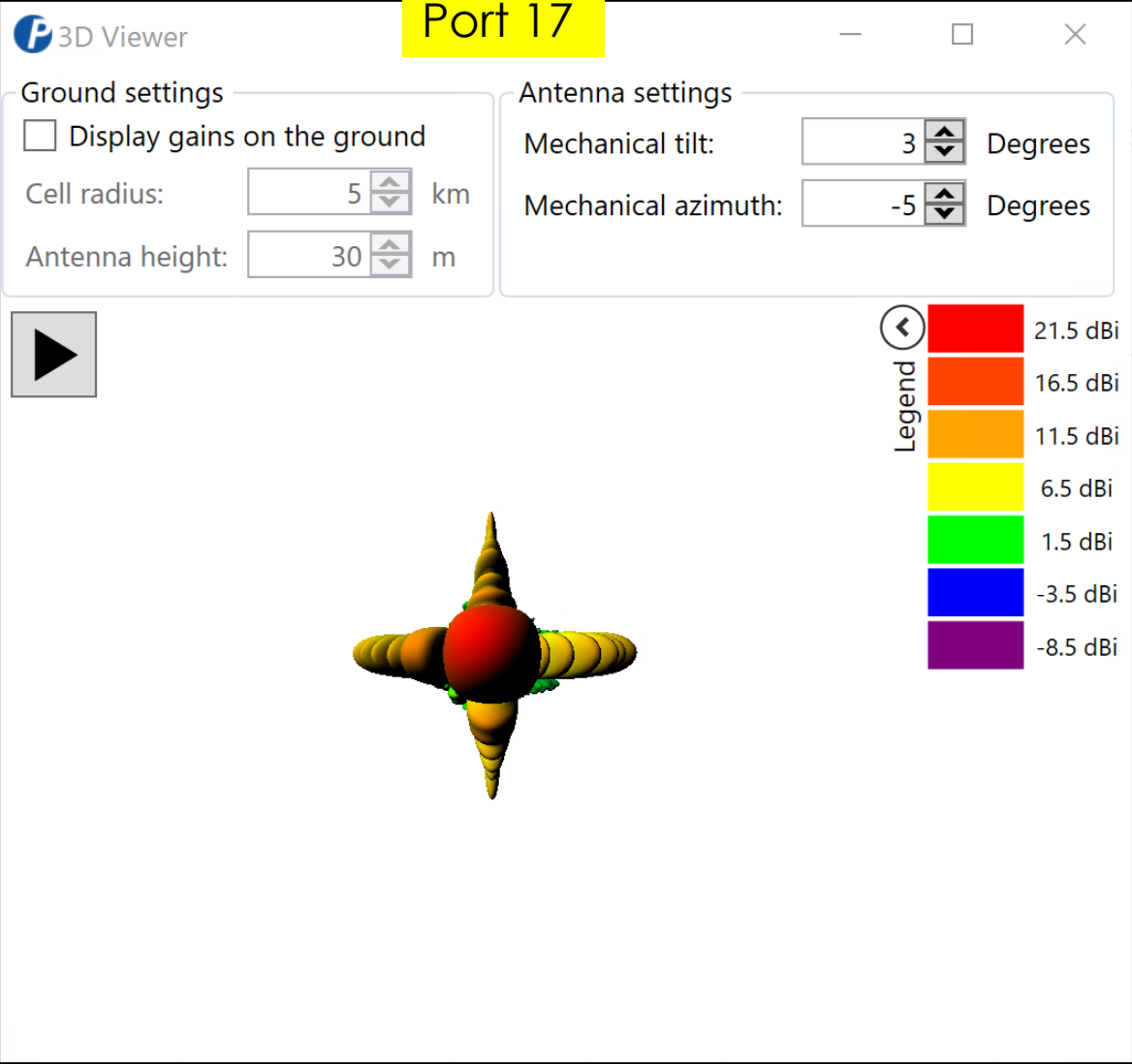
MS-12H90 (Boresight View) 1710-1722MHz T +10 Az -25



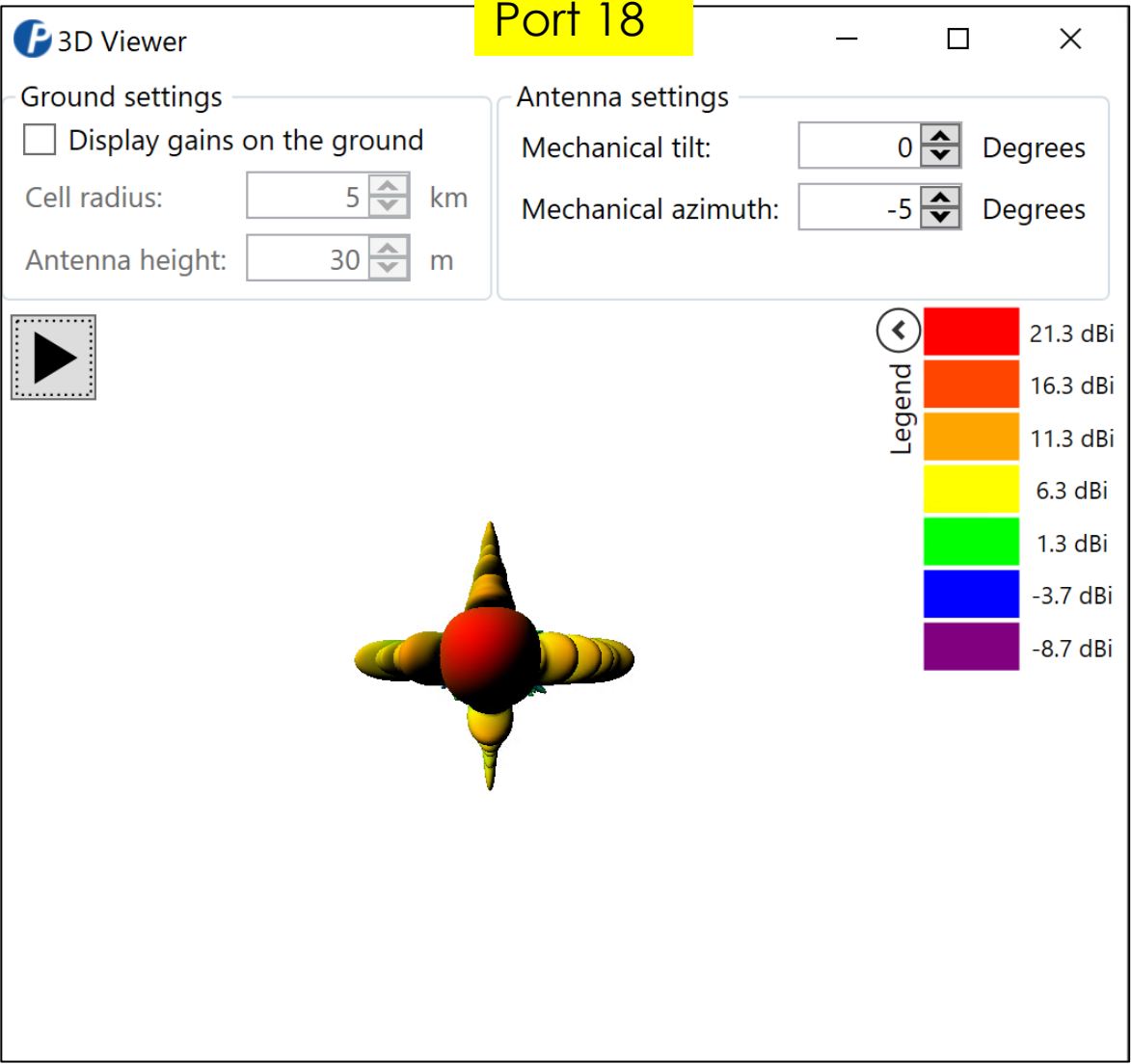
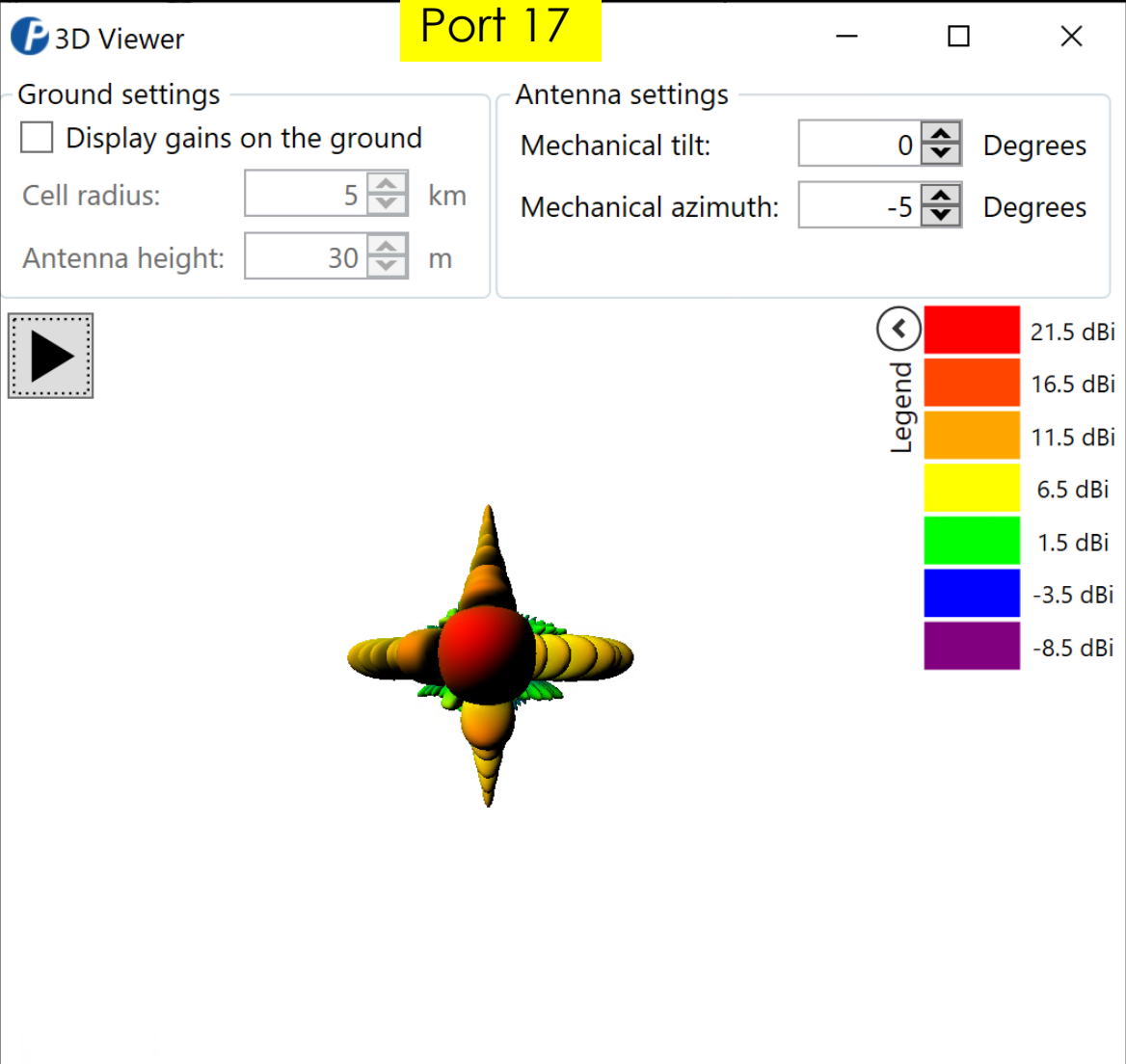
MS-12H90 (Boresight View) 1710-1722MHz T +15 Az -25



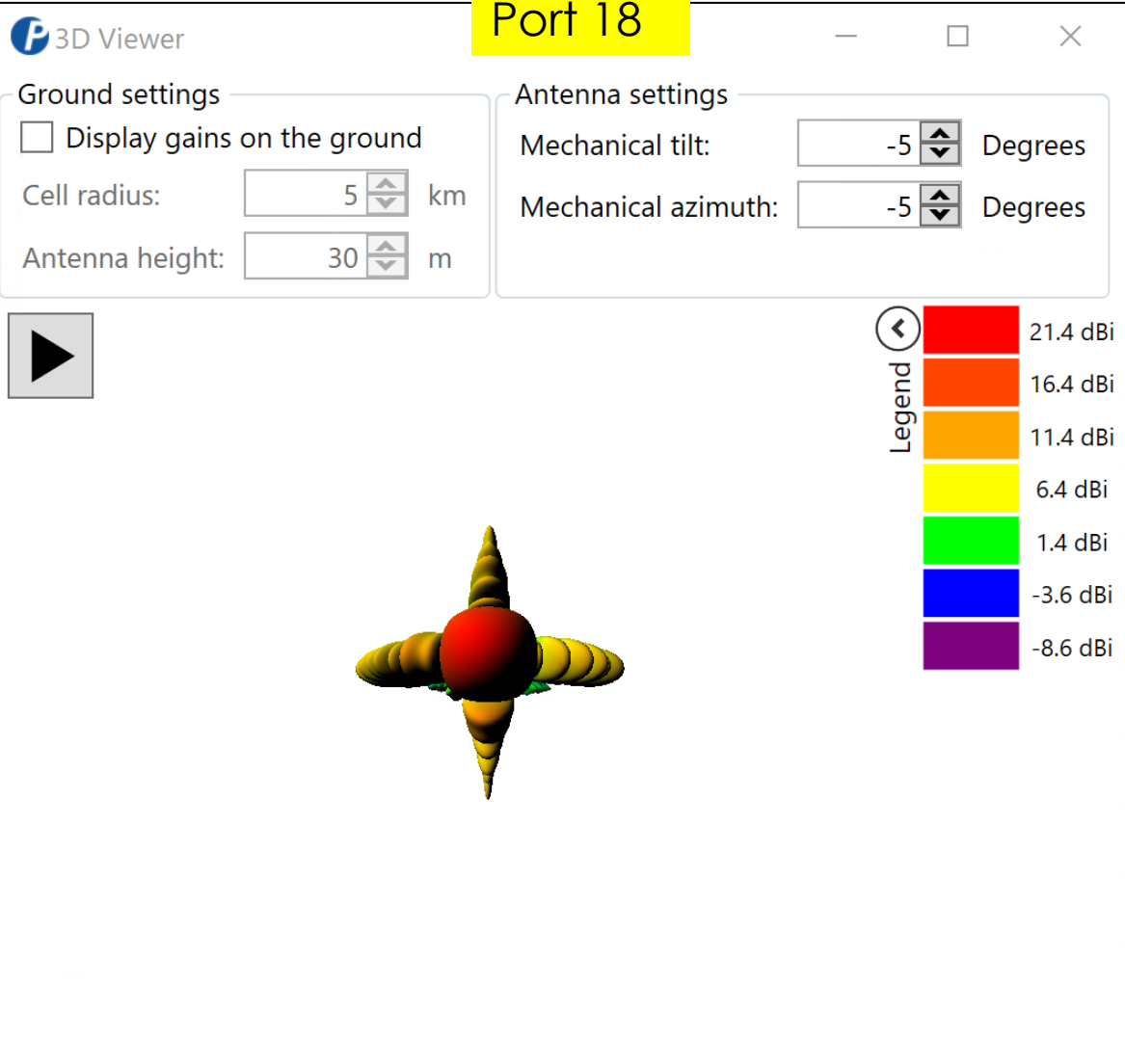
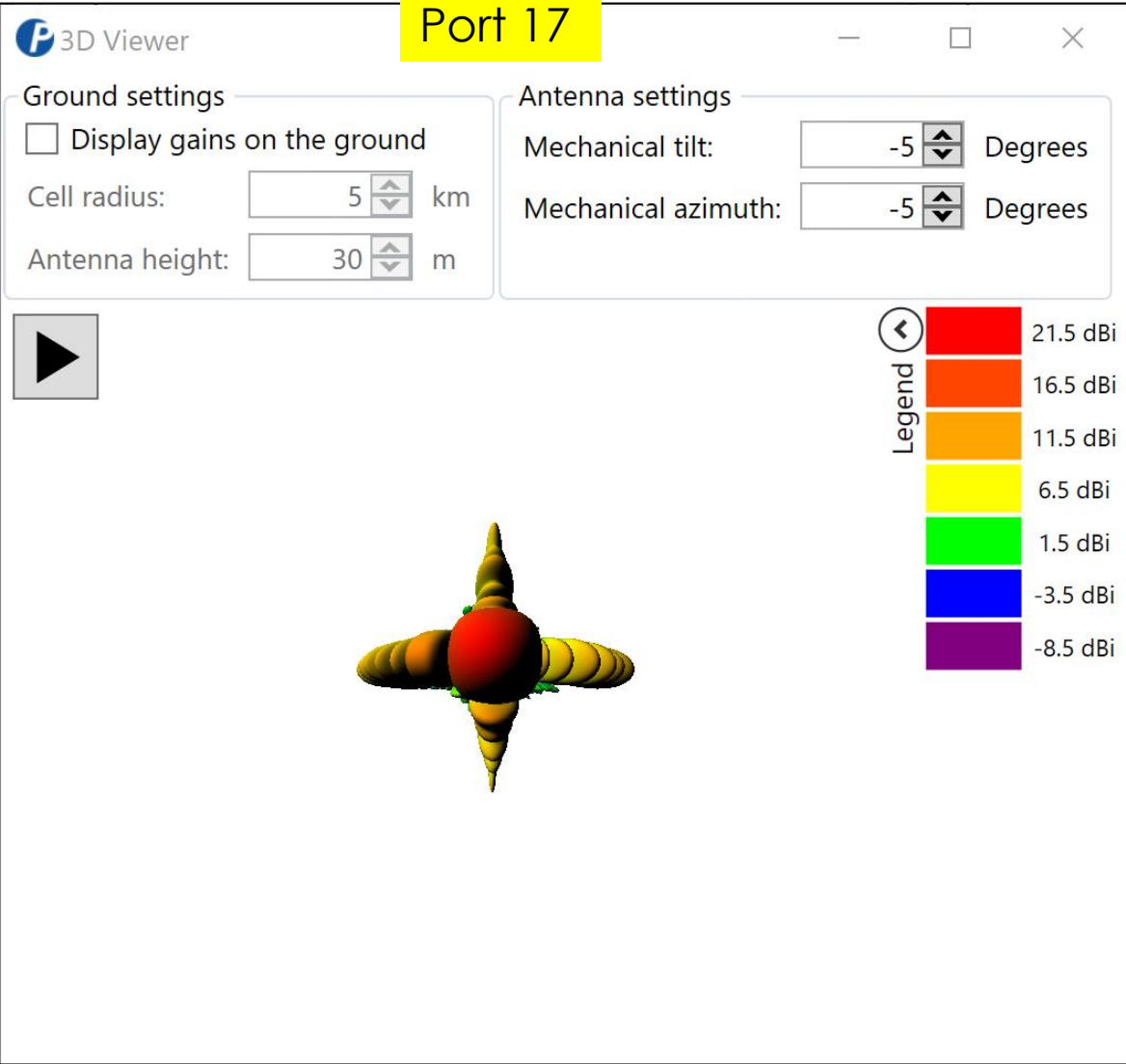
MS-12H90 (Boresight View) 1710-1722MHz T -3 Az -5



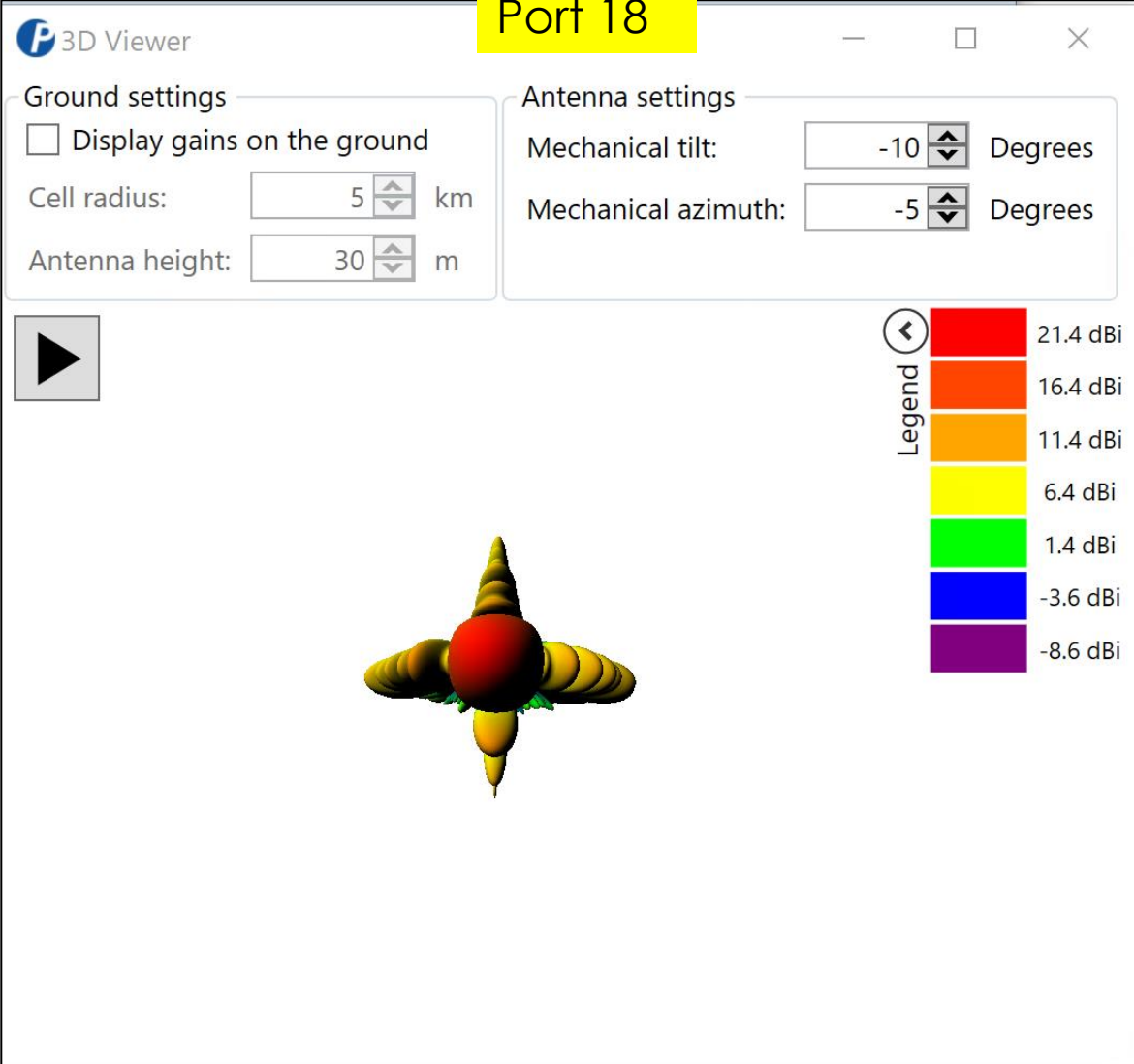
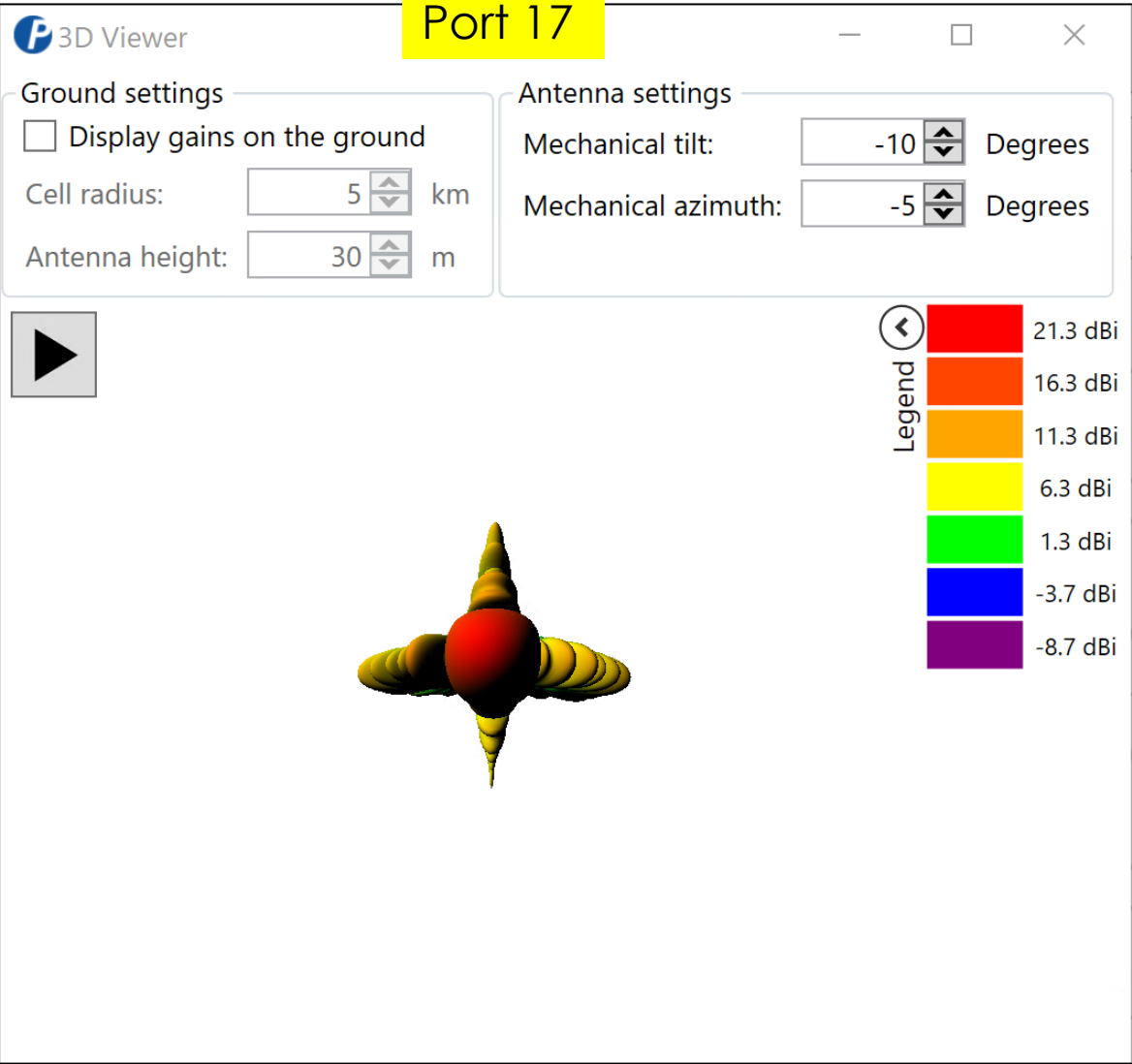
MS-12H90 (Boresight View) 1710-1722MHz T 0 Az -5



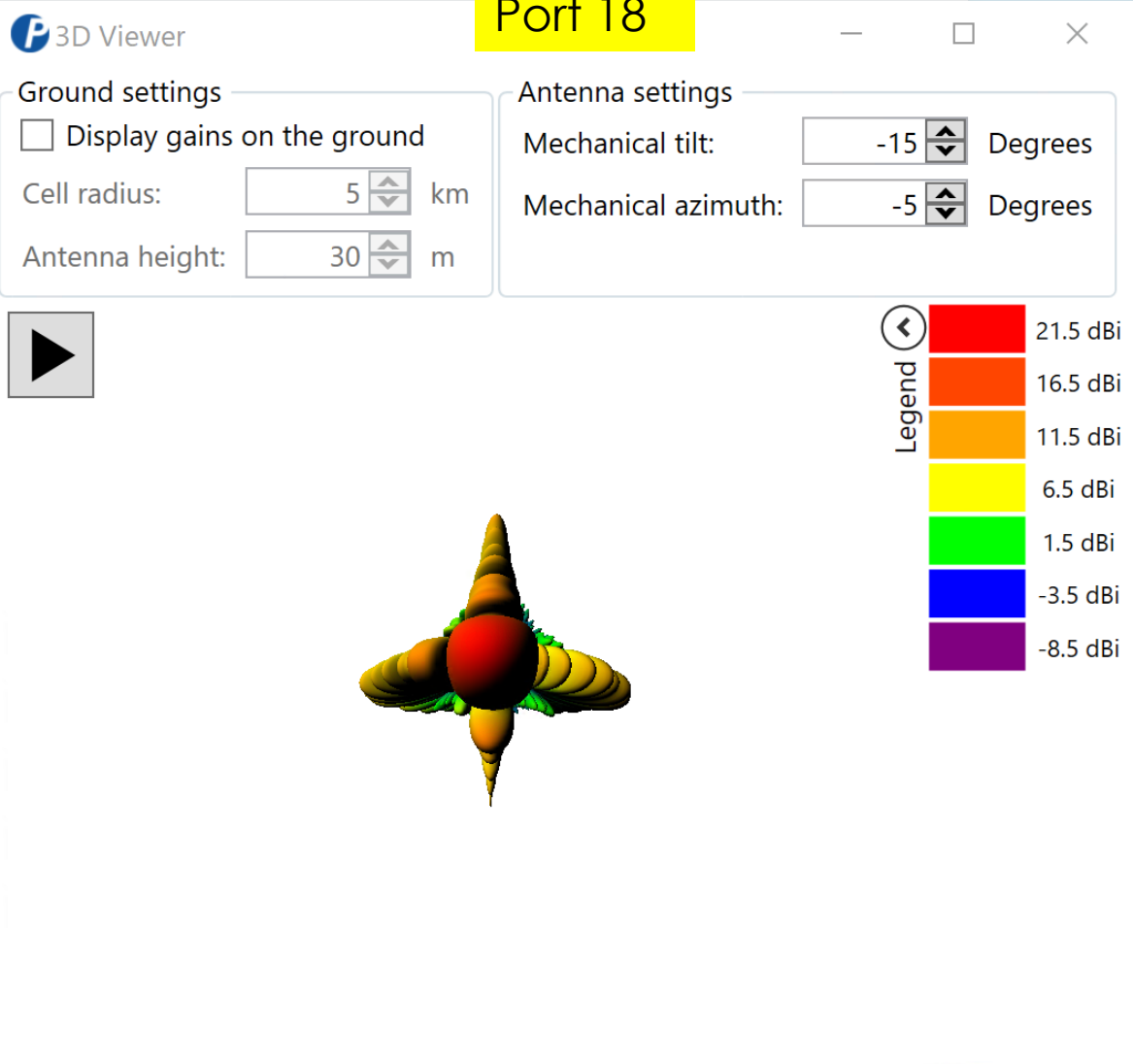
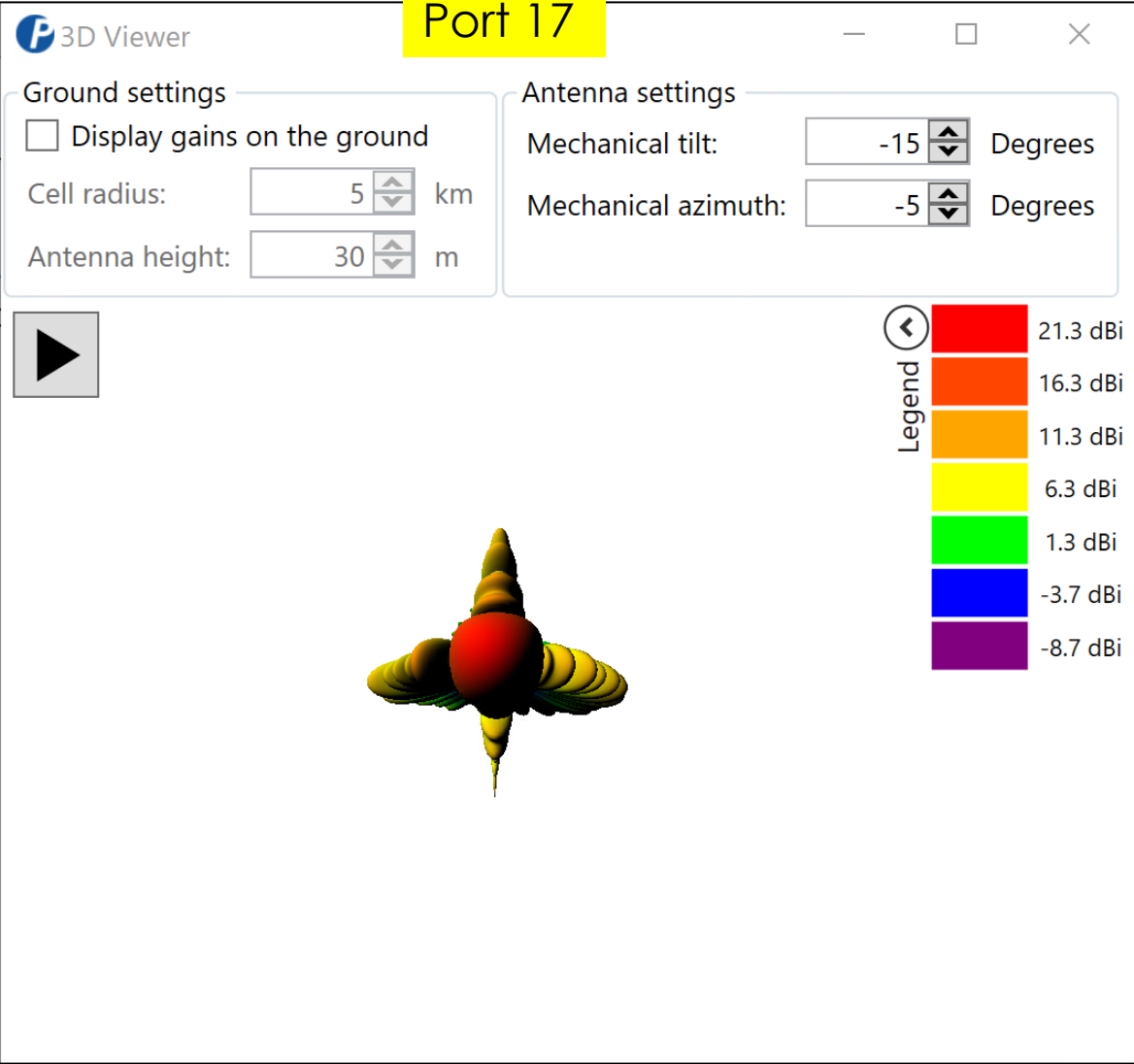
MS-12H90 (Boresight View) 1710-1722MHz T +5 Az -5



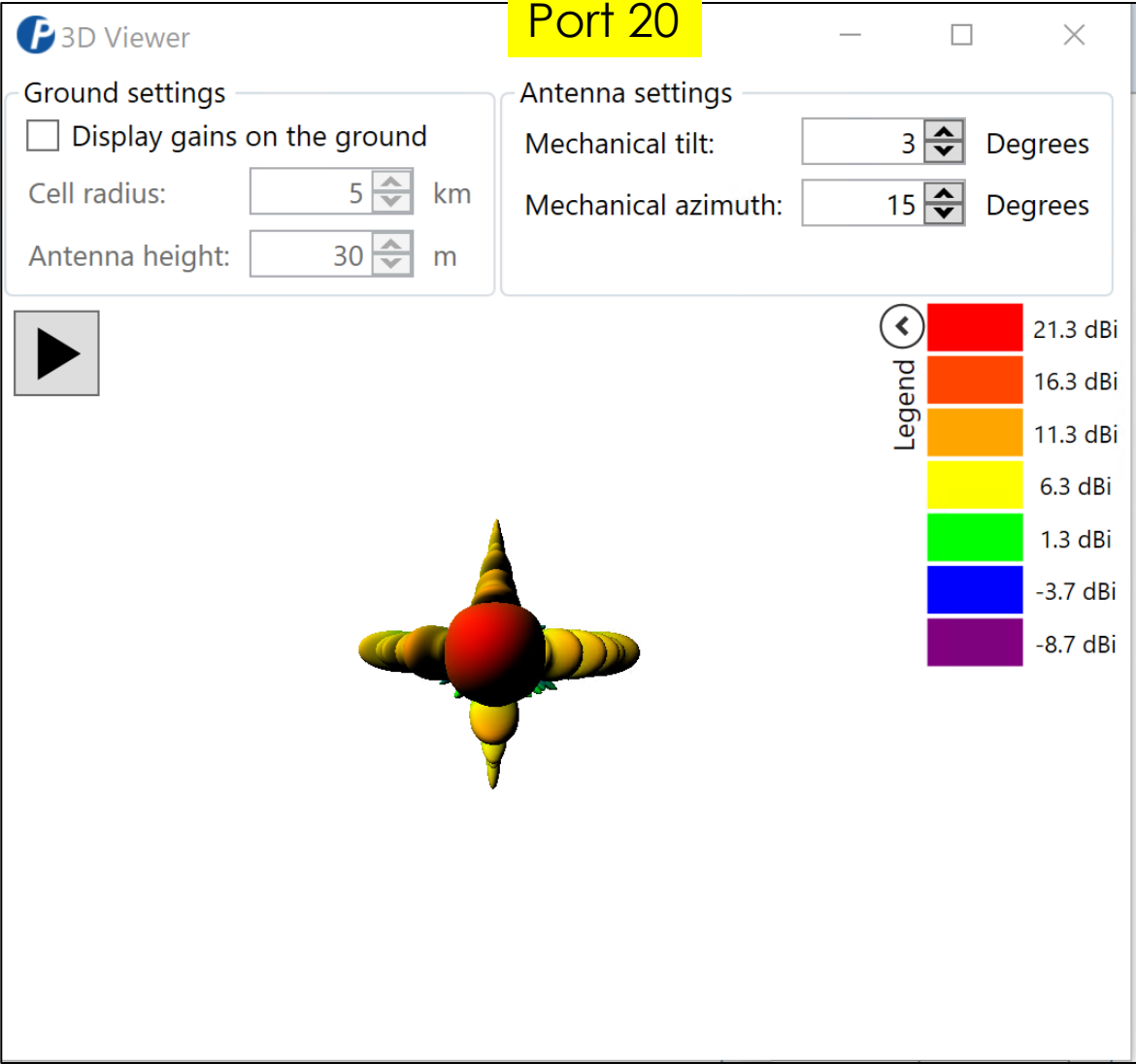
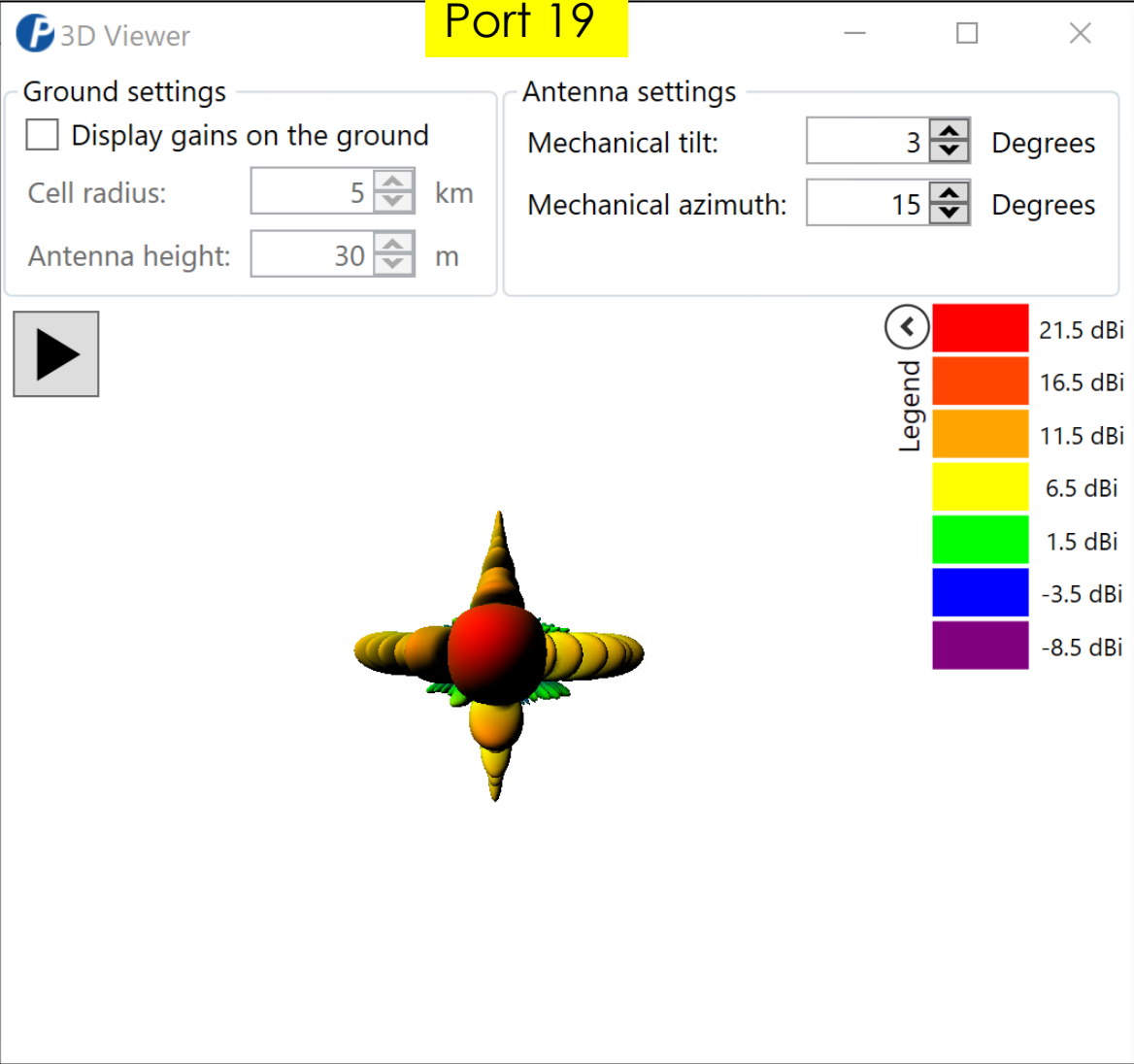
MS-12H90 (Boresight View) 1710-1722MHz T +10 Az -5



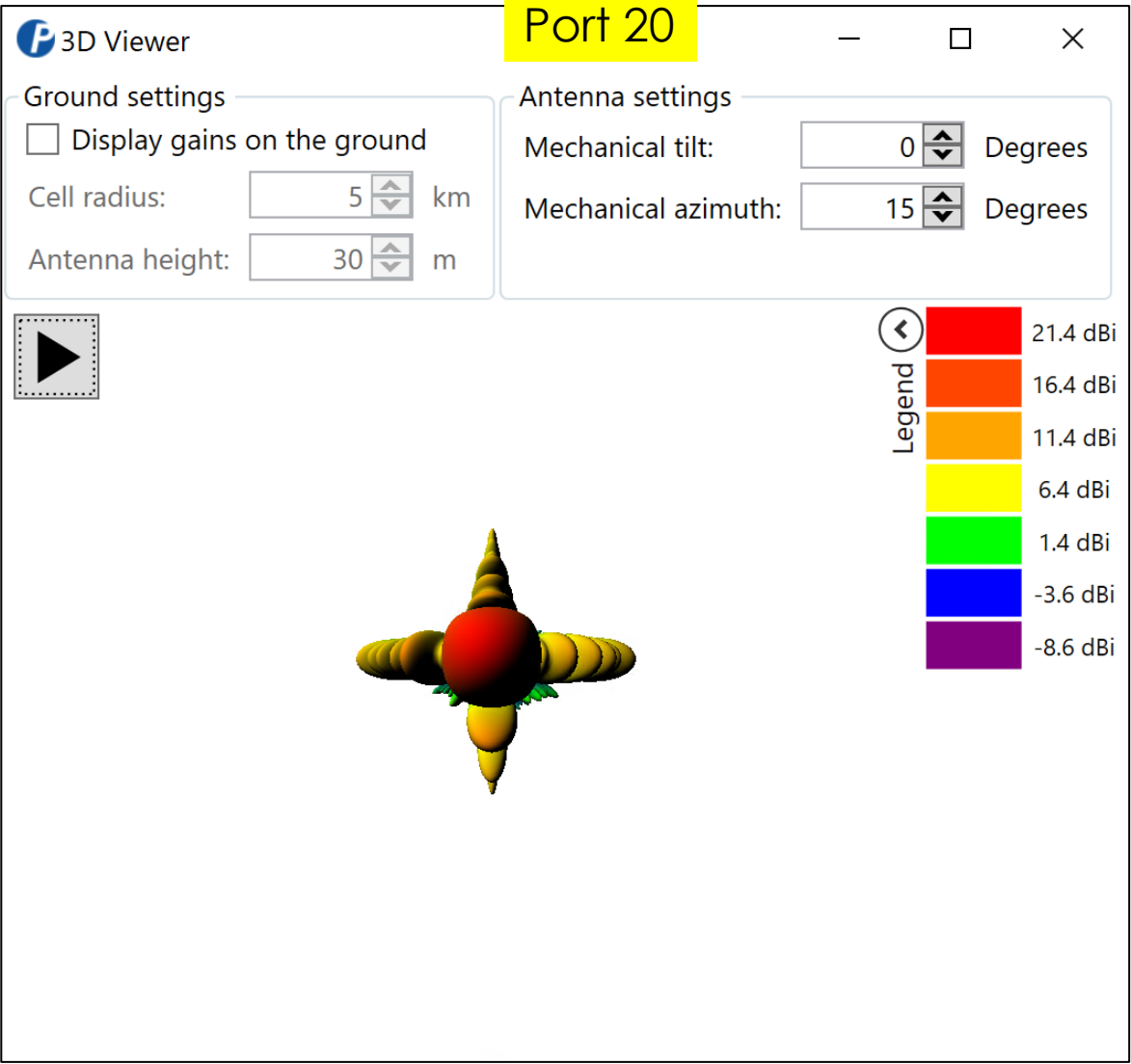
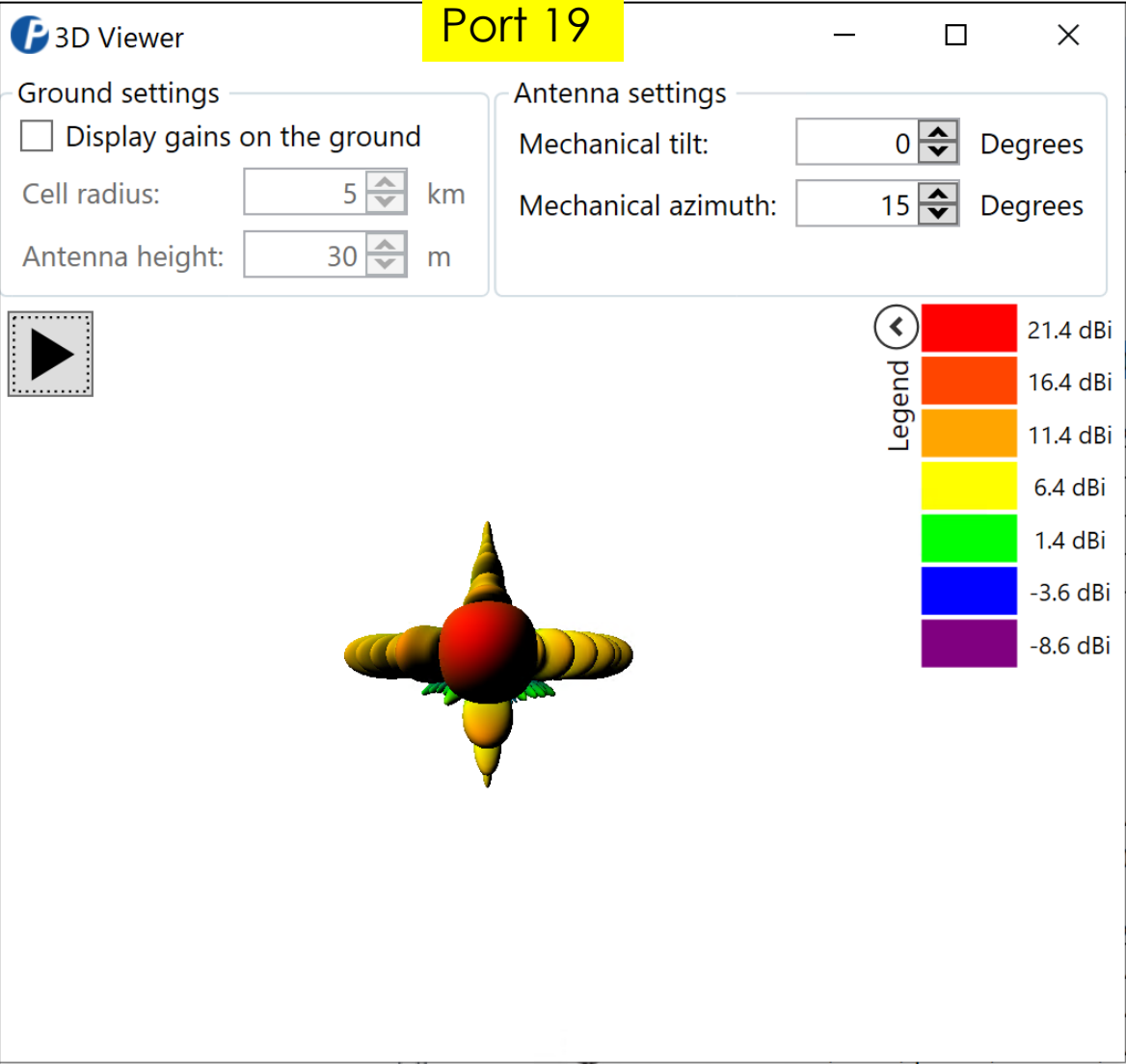
MS-12H90 (Boresight View) 1710-1722MHz T +15 Az -5



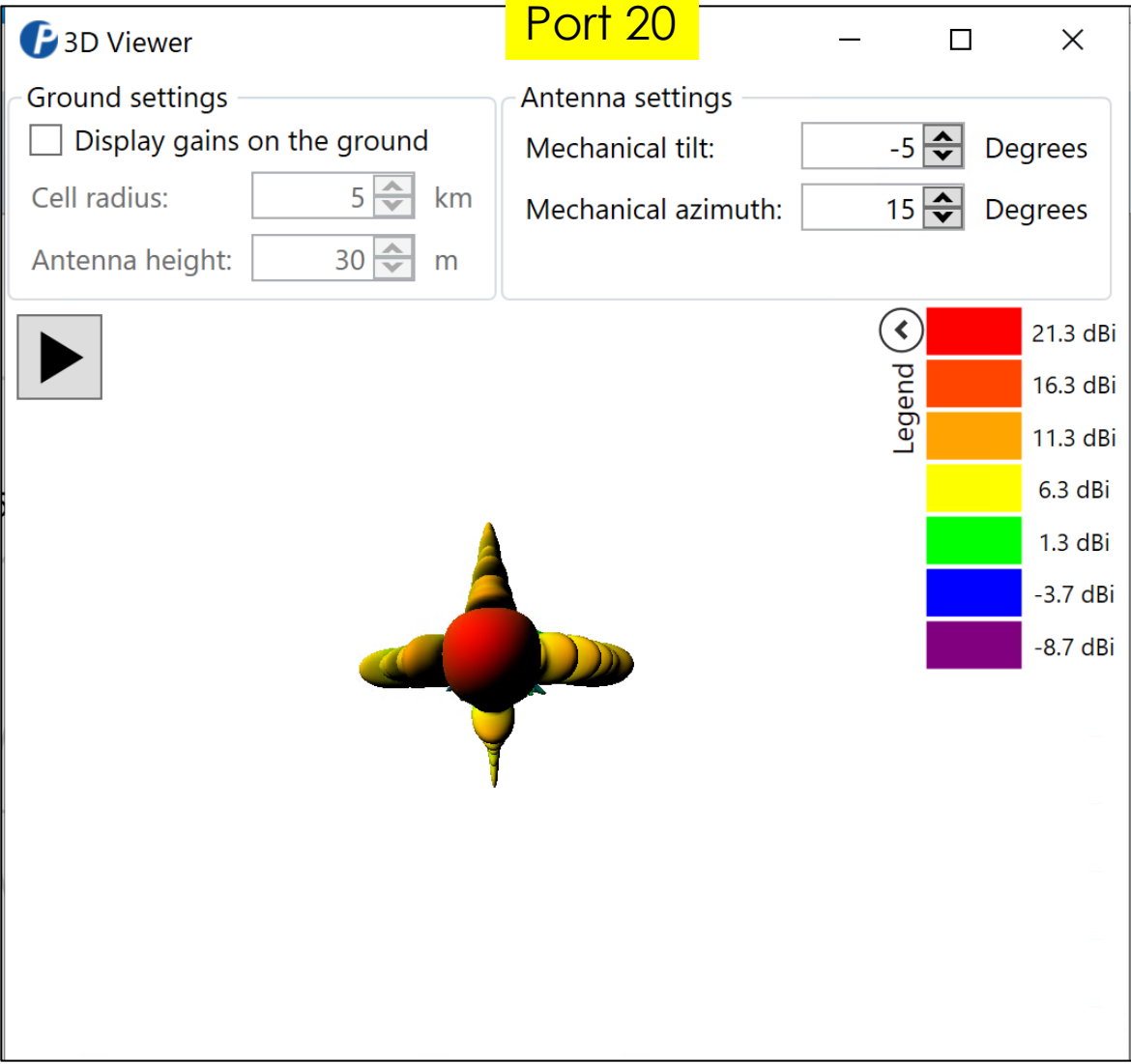
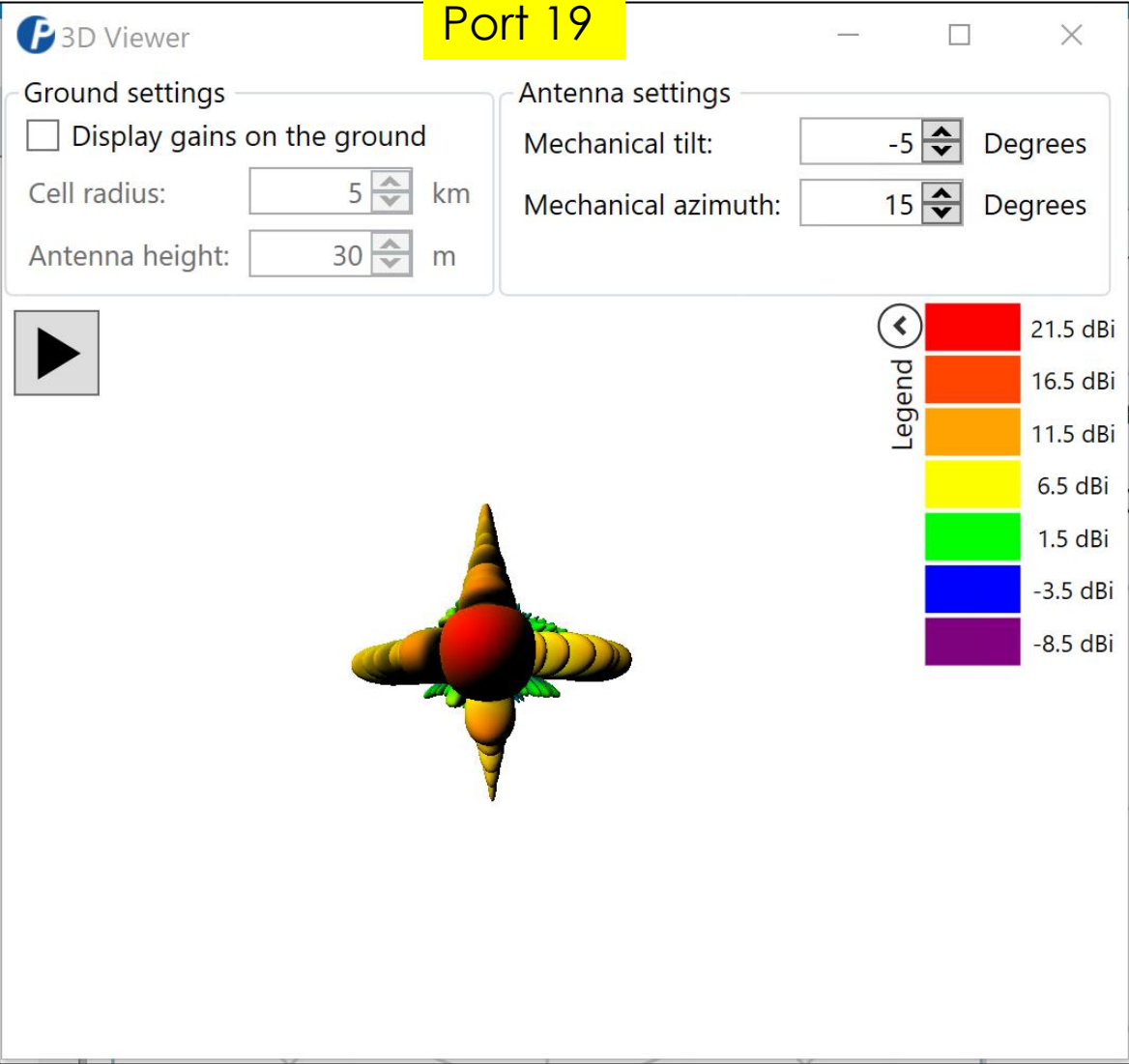
MS-12H90 (Boresight View) 1710-1722MHz T -3 Az +15



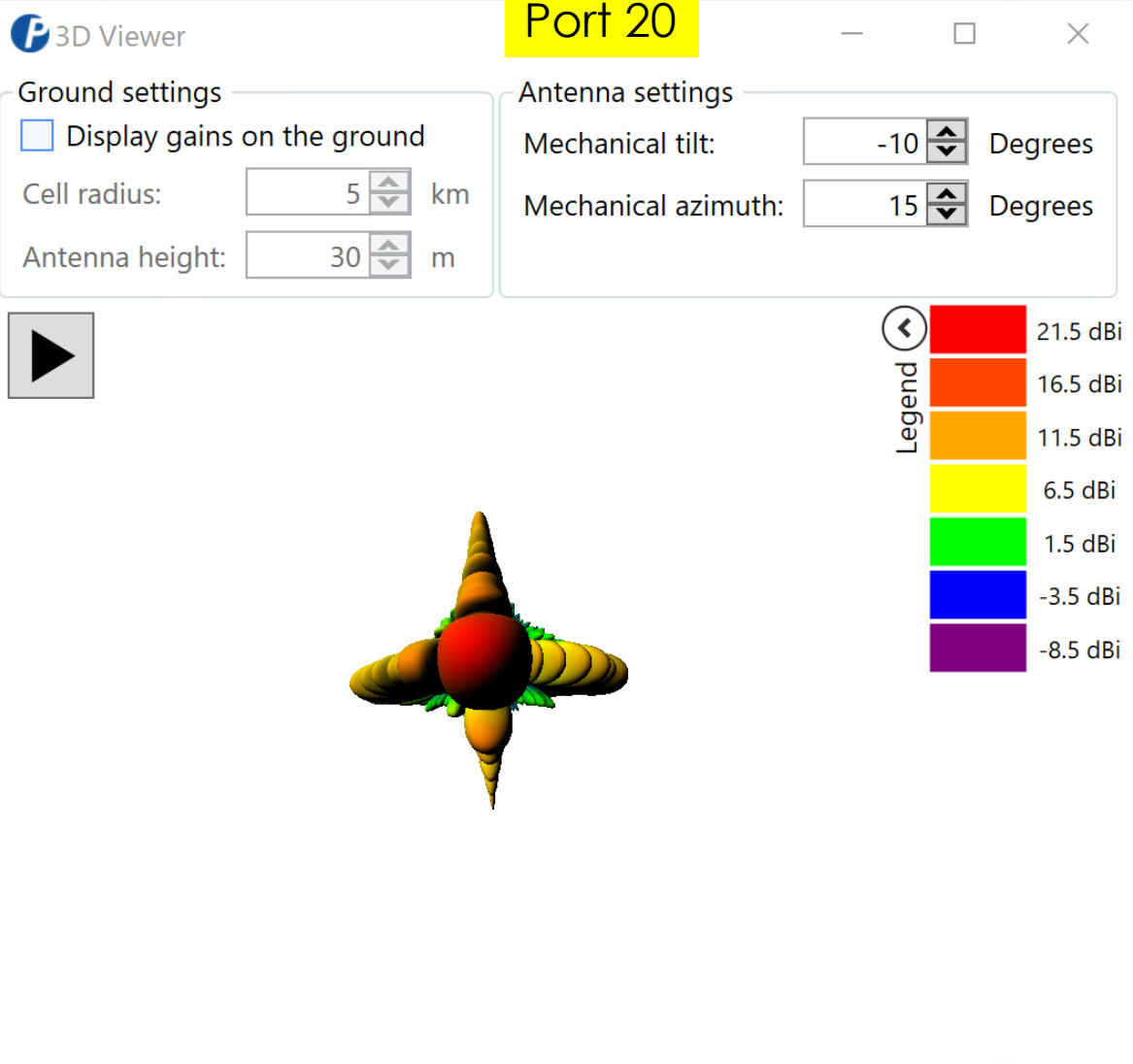
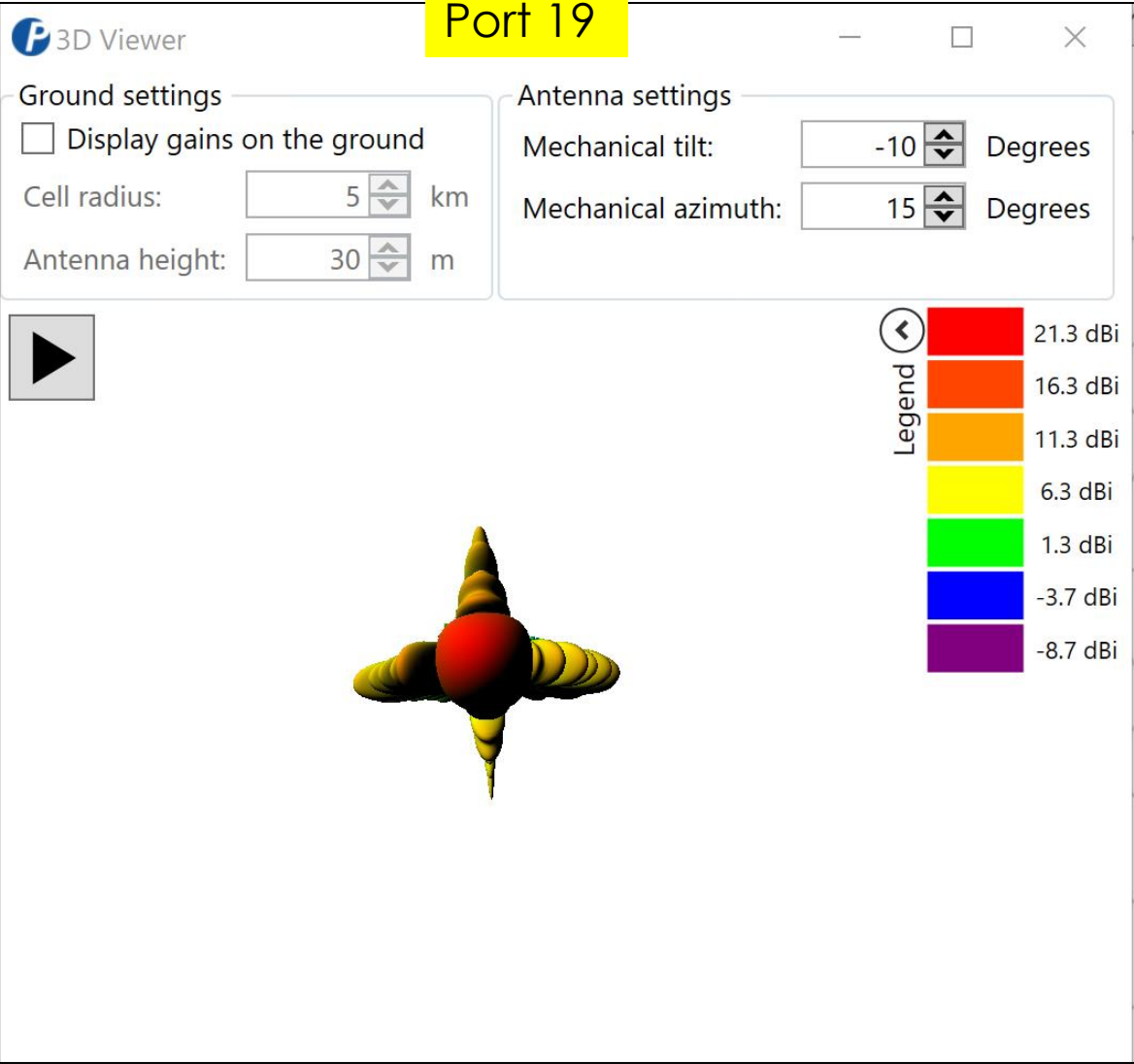
MS-12H90 (Boresight View) 1710-1722MHz T 0 Az +15



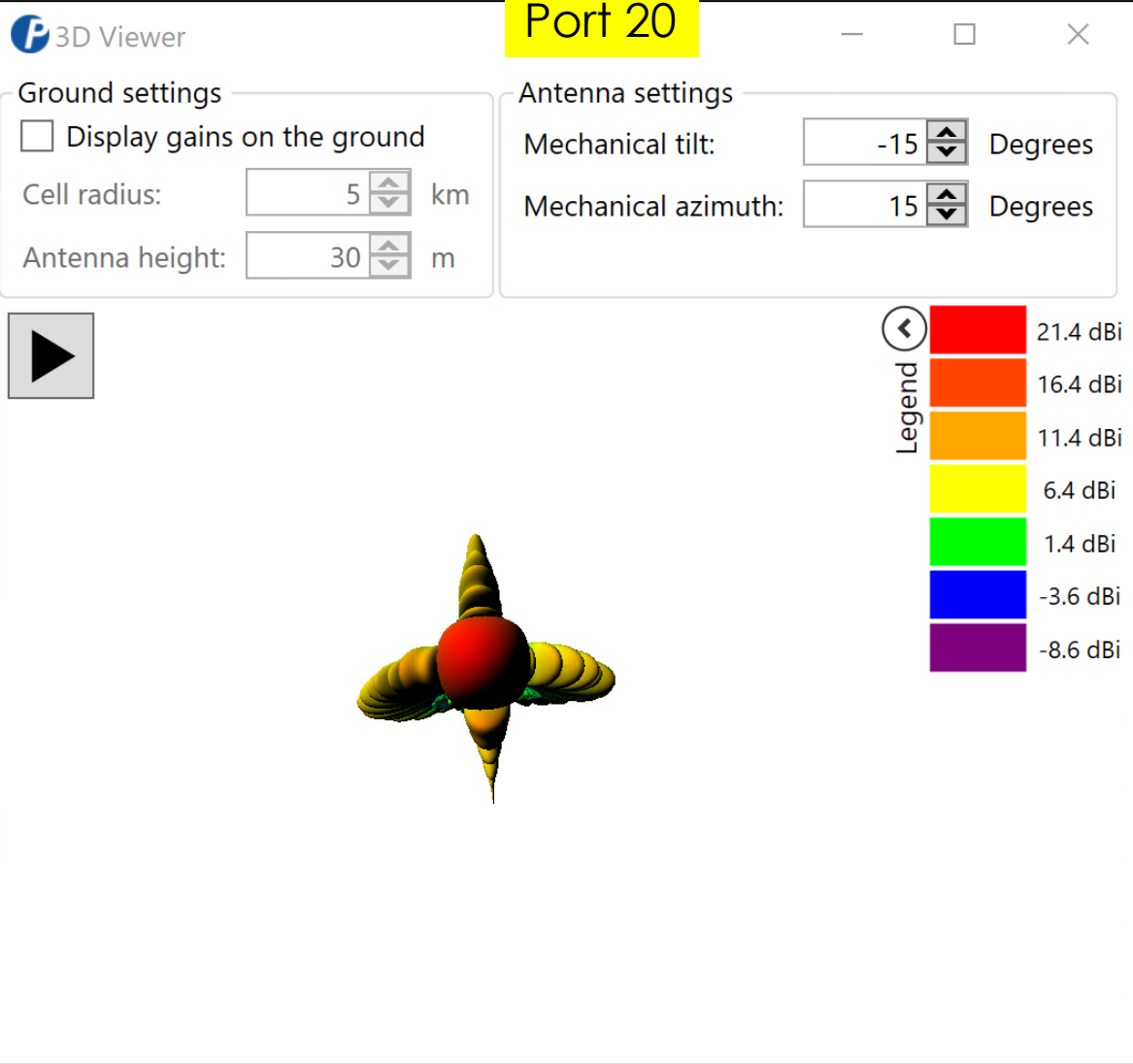
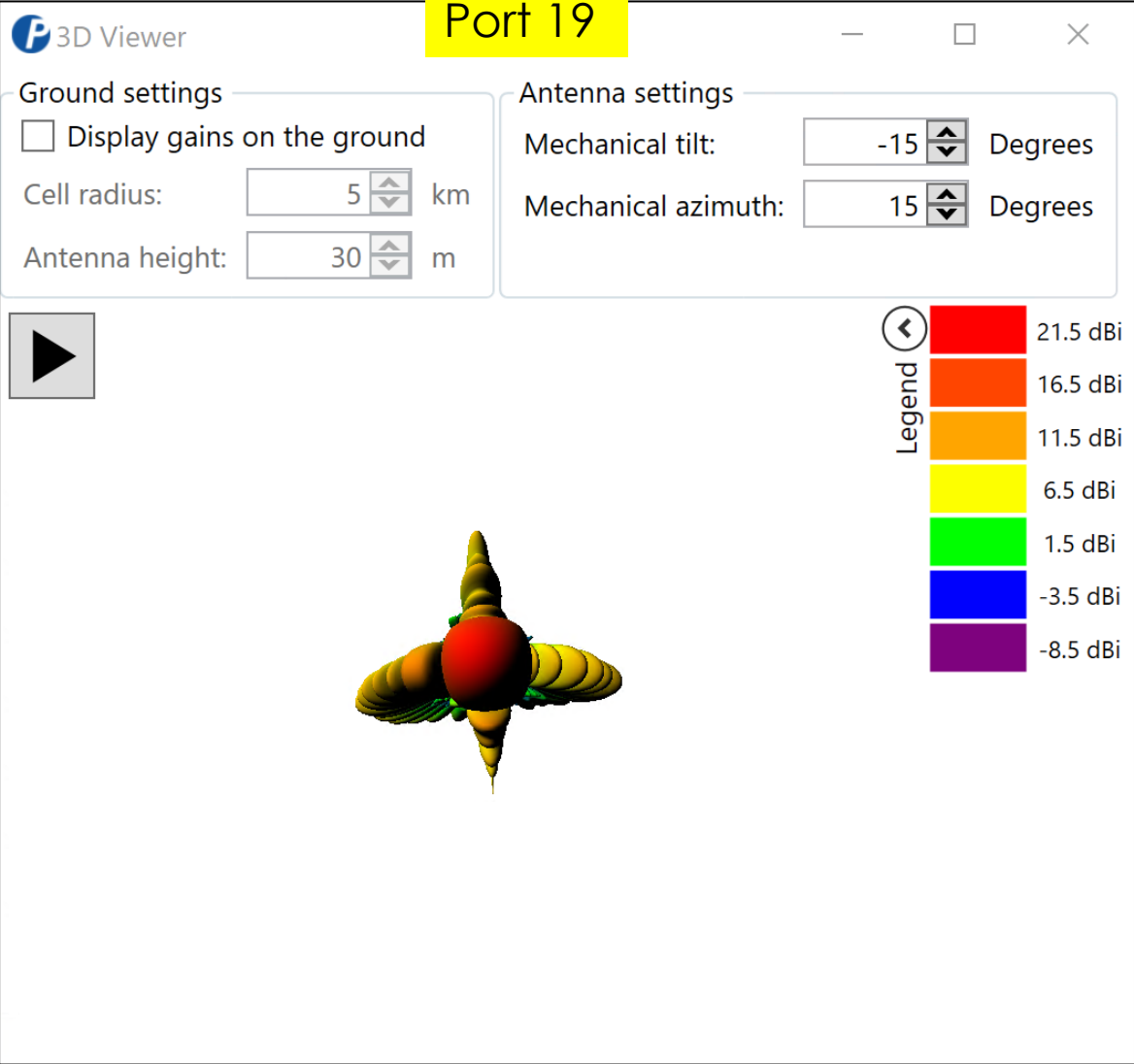
MS-12H90 (Boresight View) 1710-1722MHz T +5 Az +15



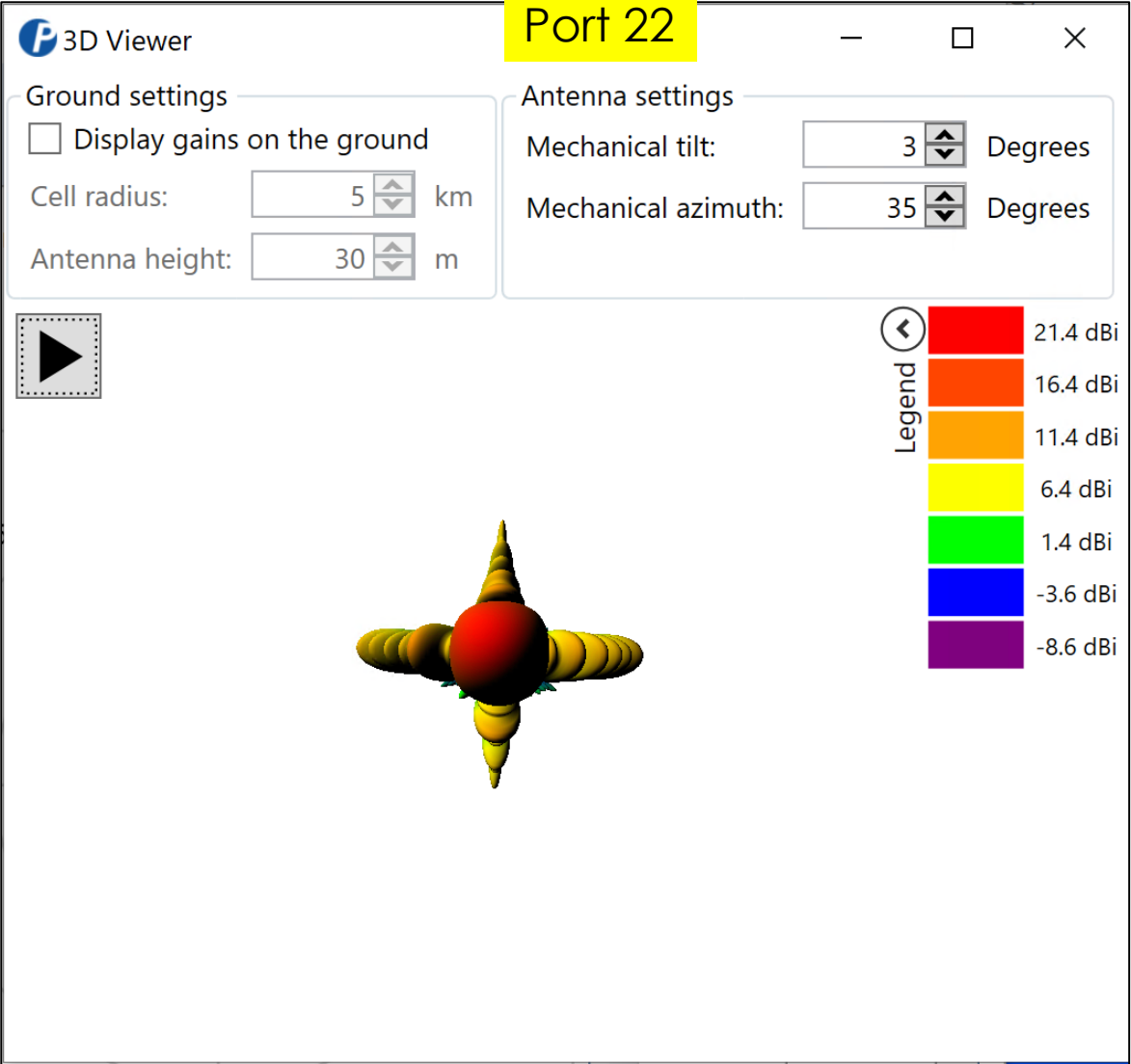
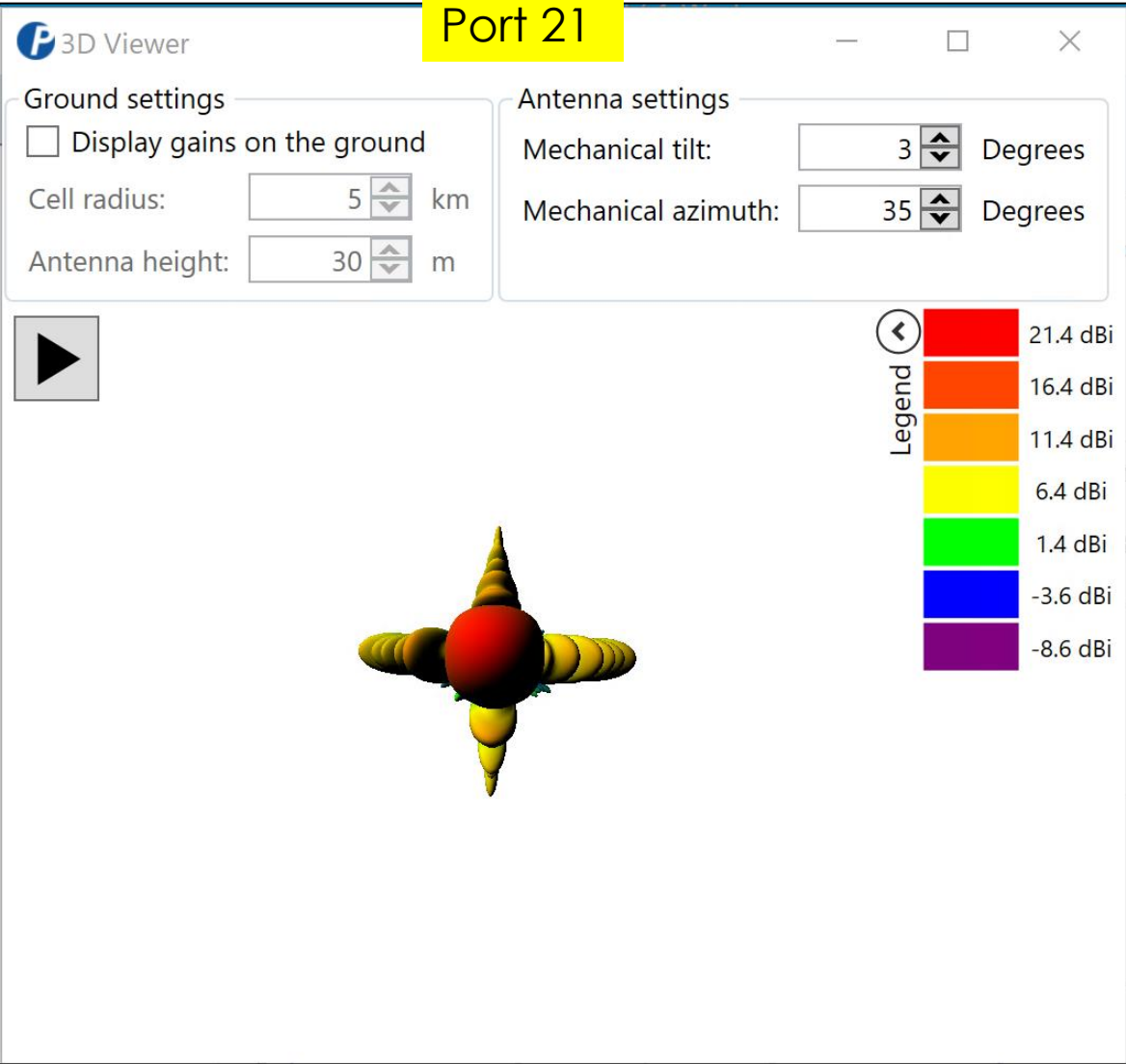
MS-12H90 (Boresight View) 1710-1722MHz T +10 Az +15



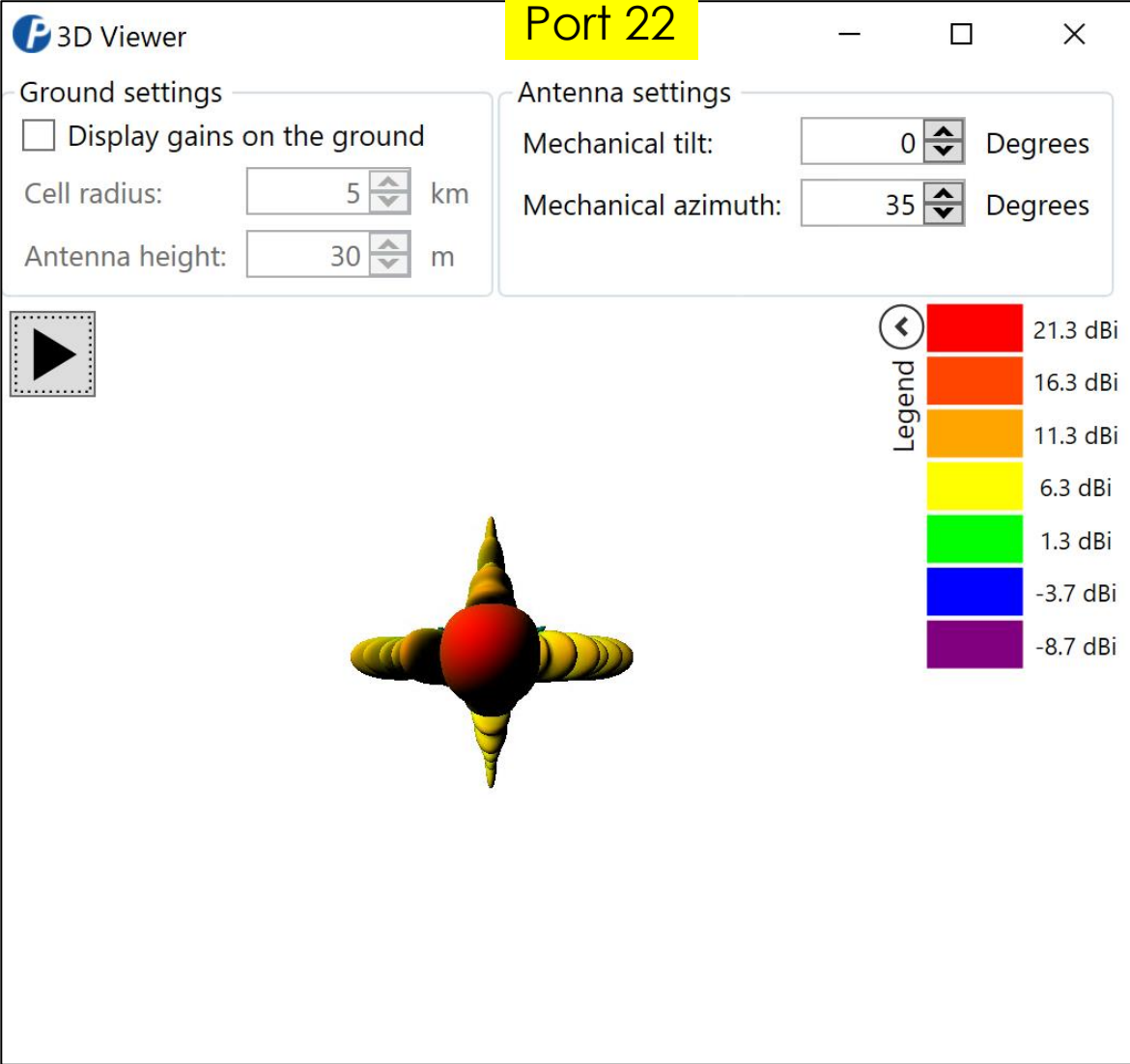
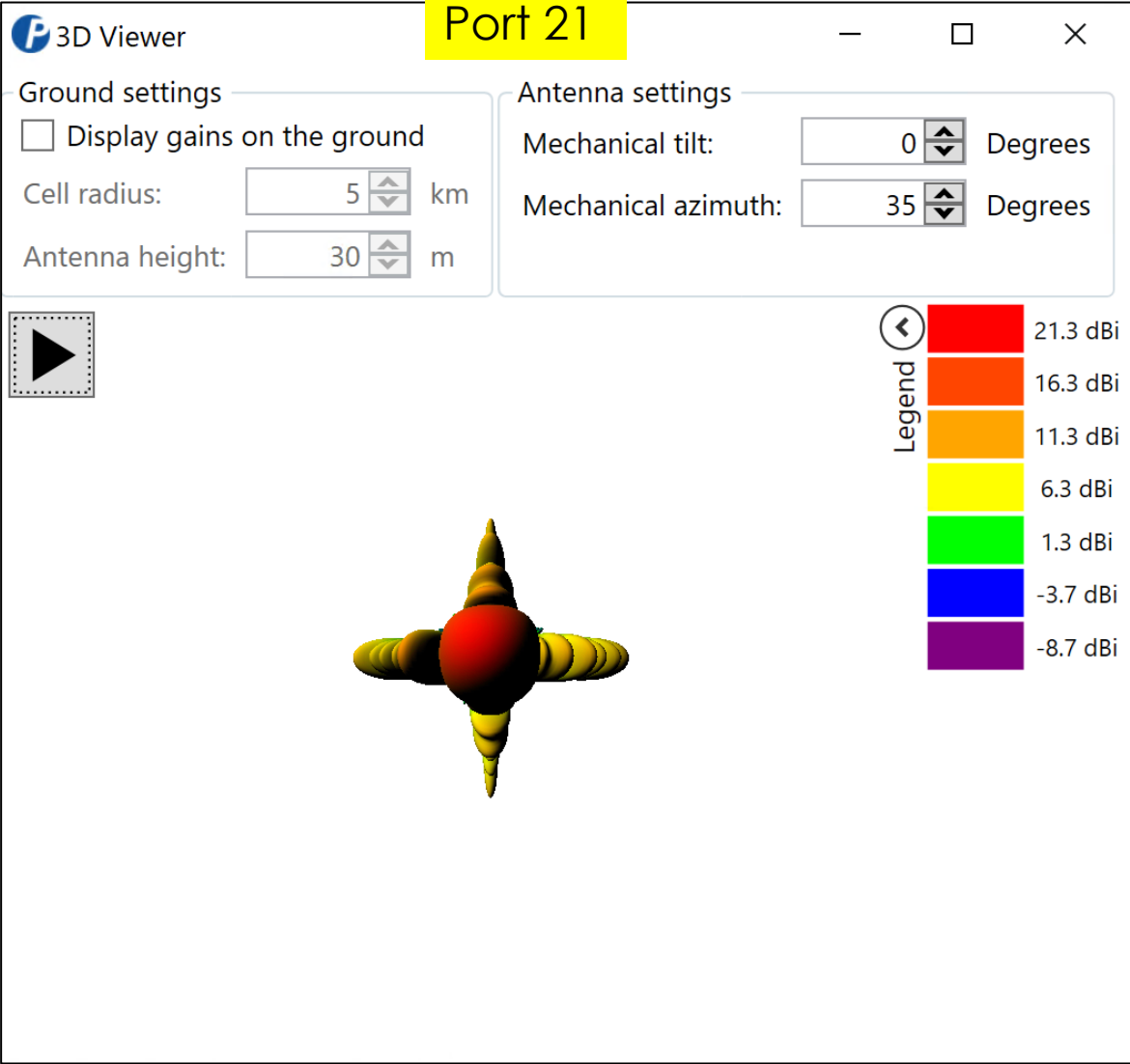
MS-12H90 (Boresight View) 1710-1722MHz T +15 Az +15



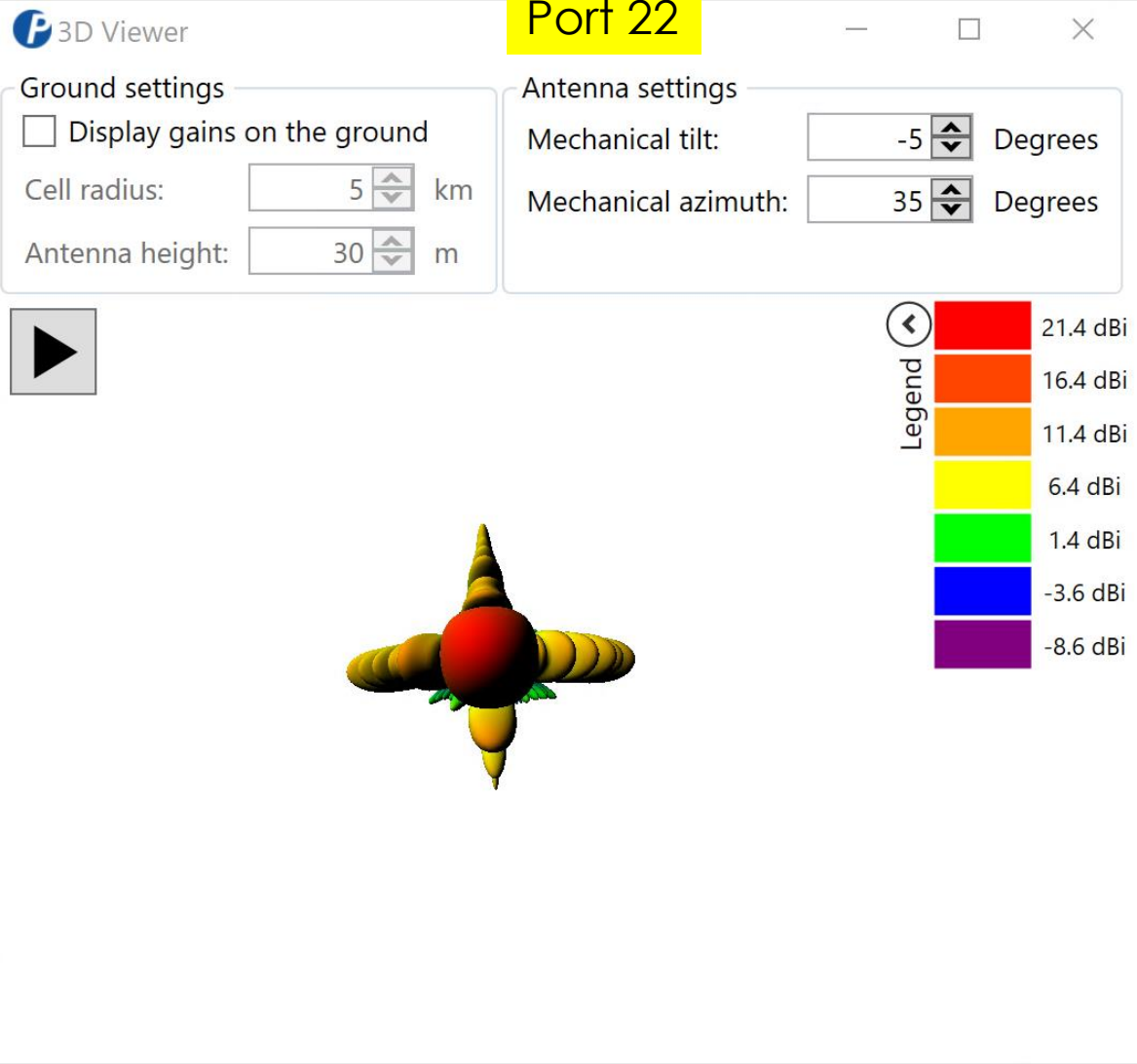
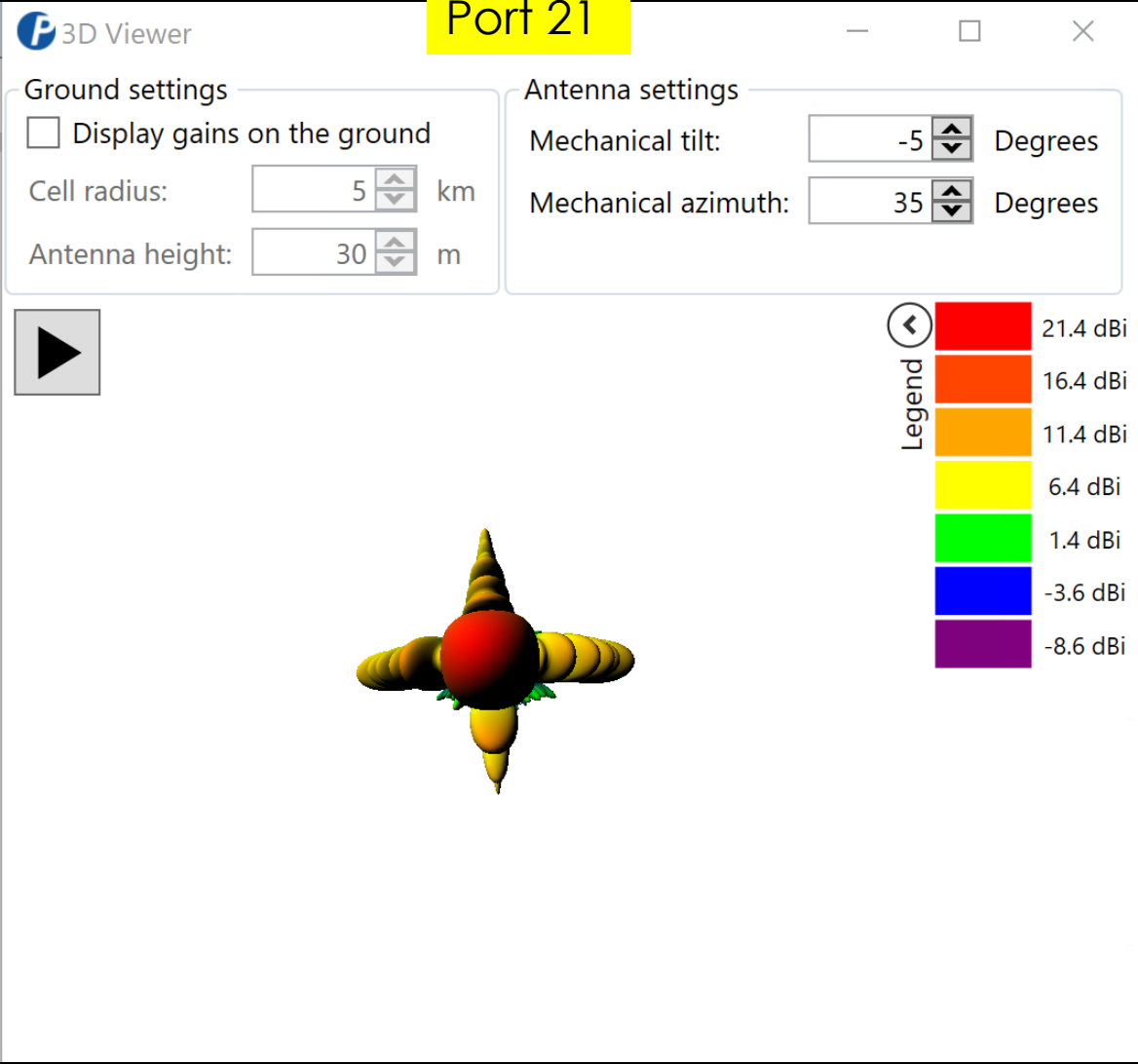
MS-12H90 (Boresight View) 1710-1722MHz T -3 Az +35



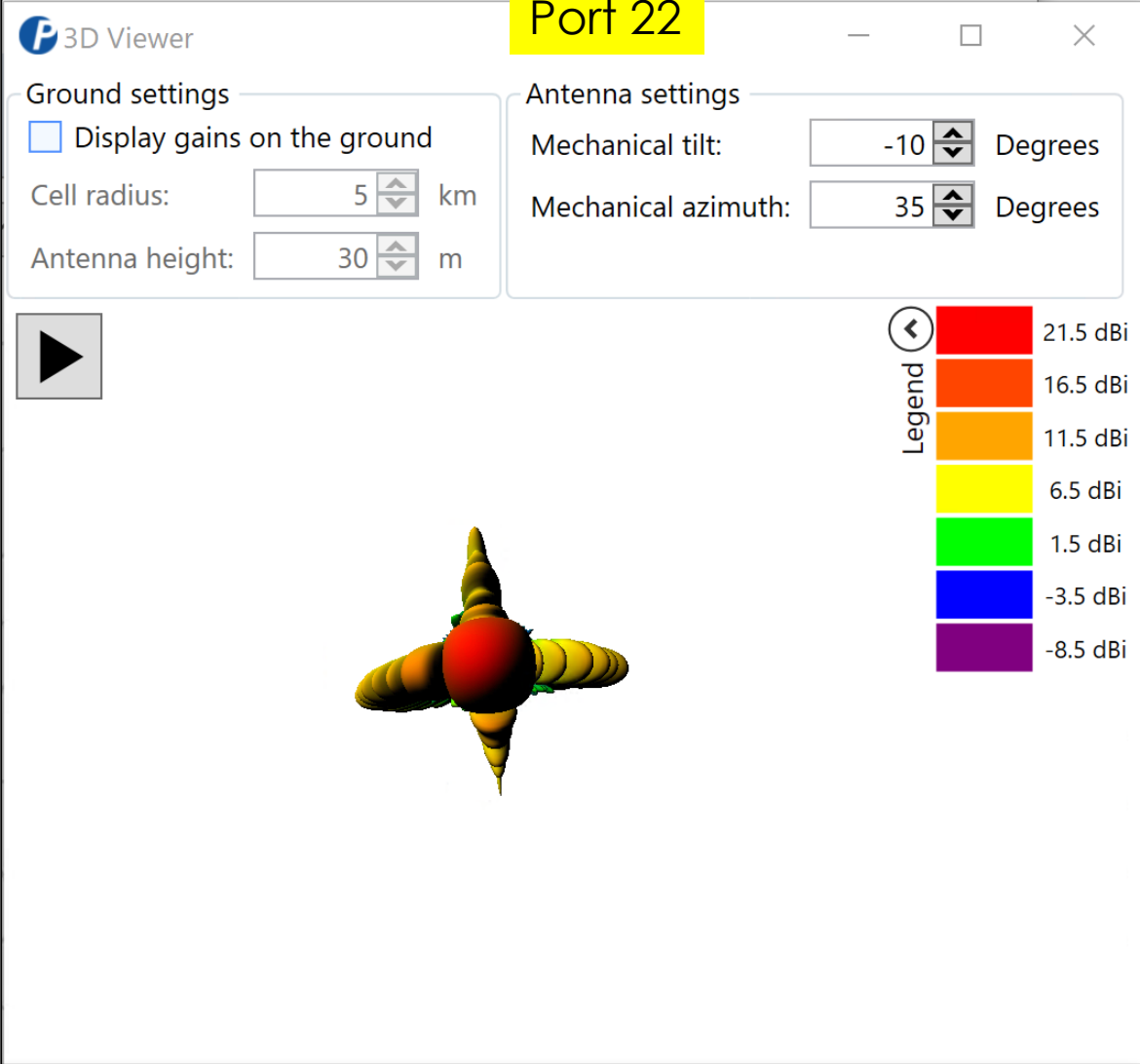
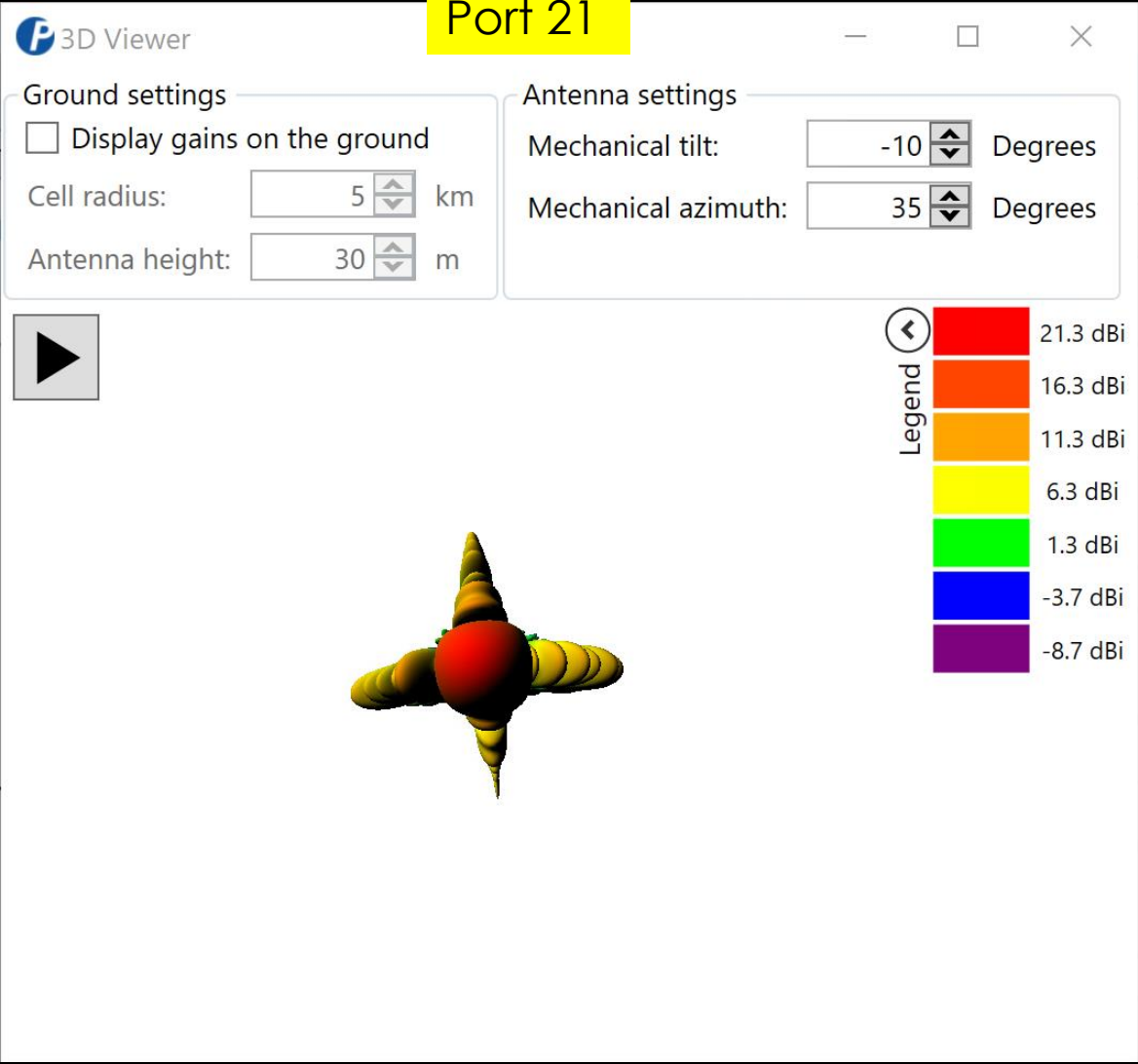
MS-12H90 (Boresight View) 1710-1722MHz T 0 Az +35



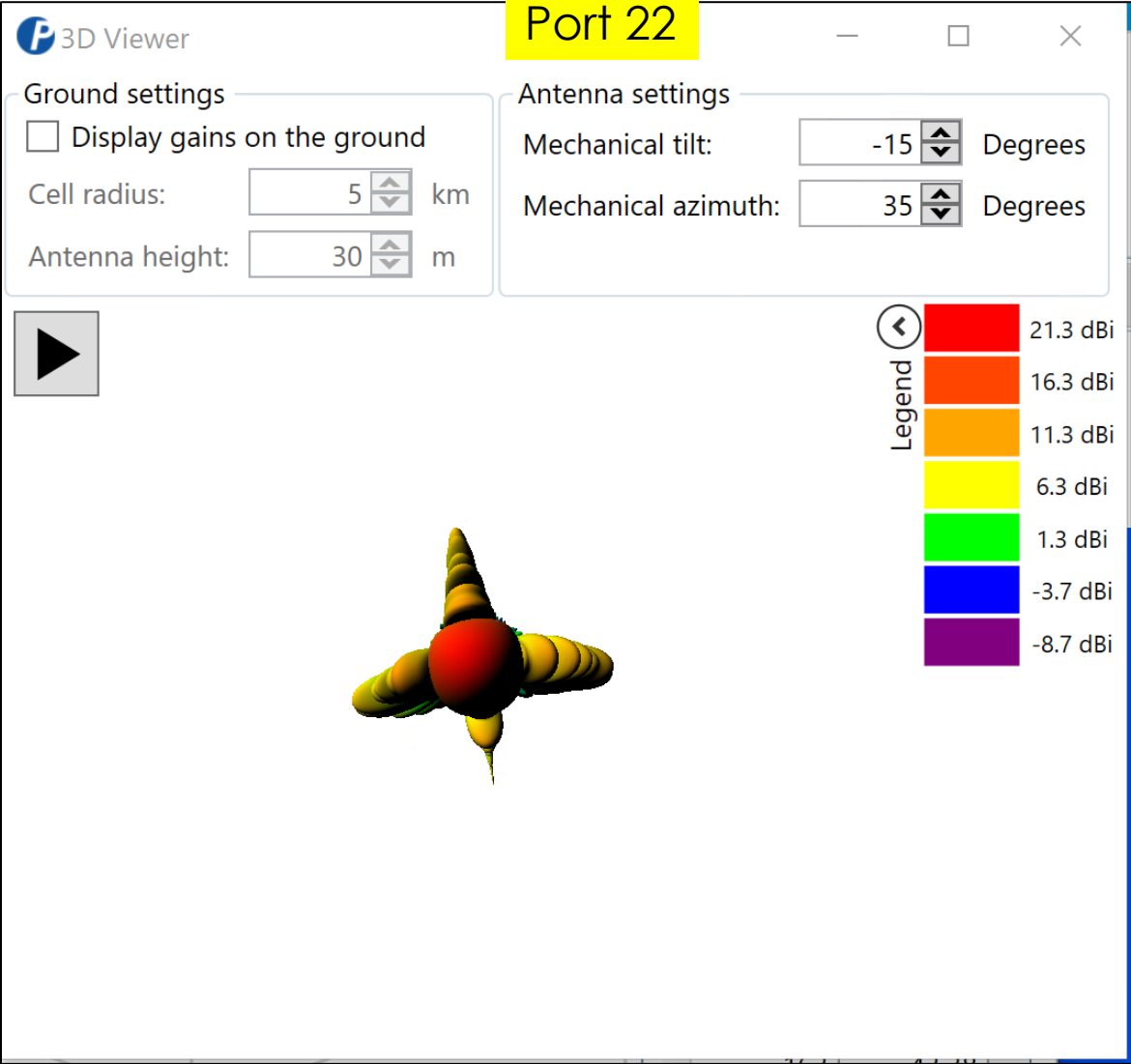
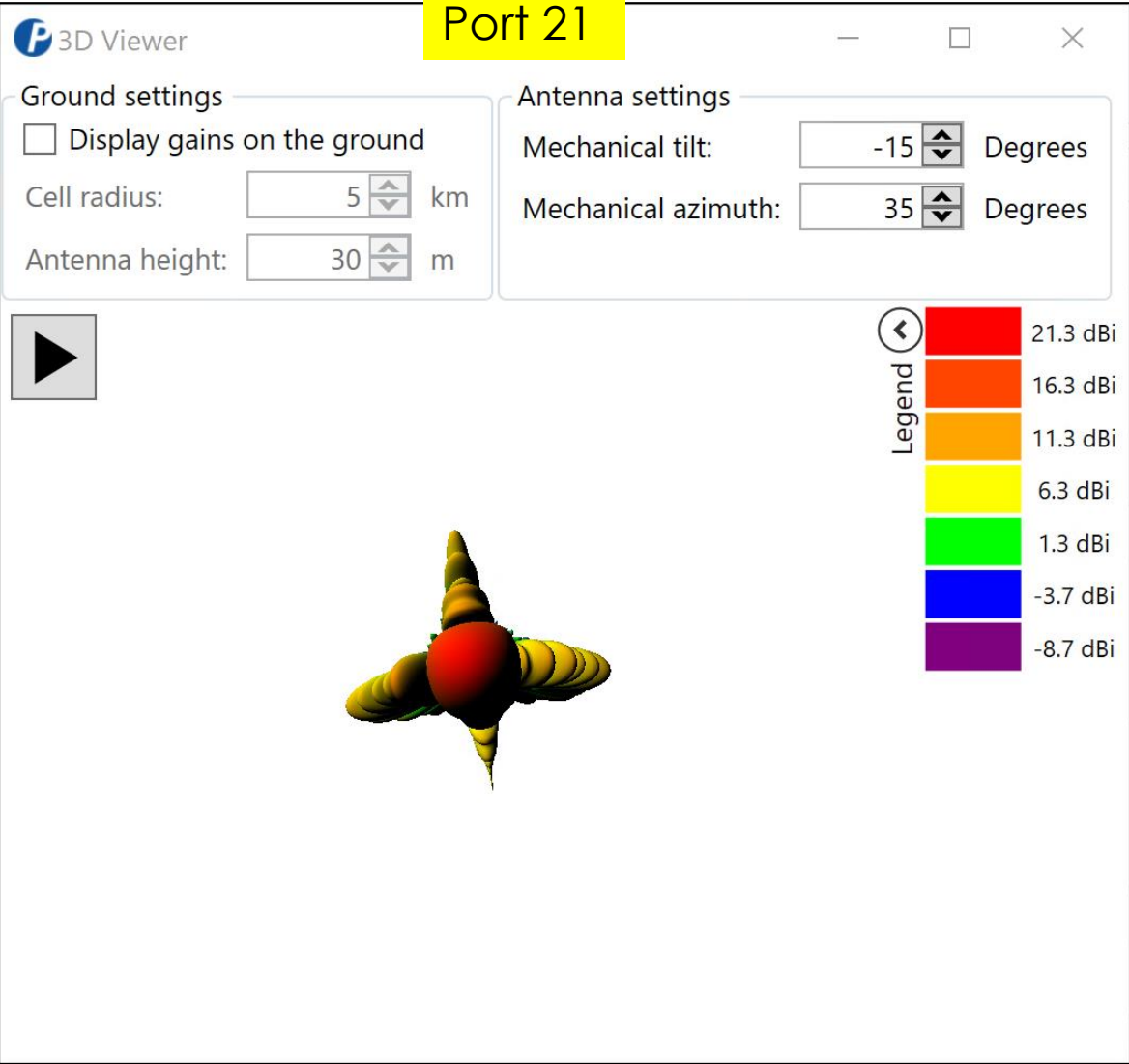
MS-12H90 (Boresight View) 1710-1722MHz T +5 Az +35



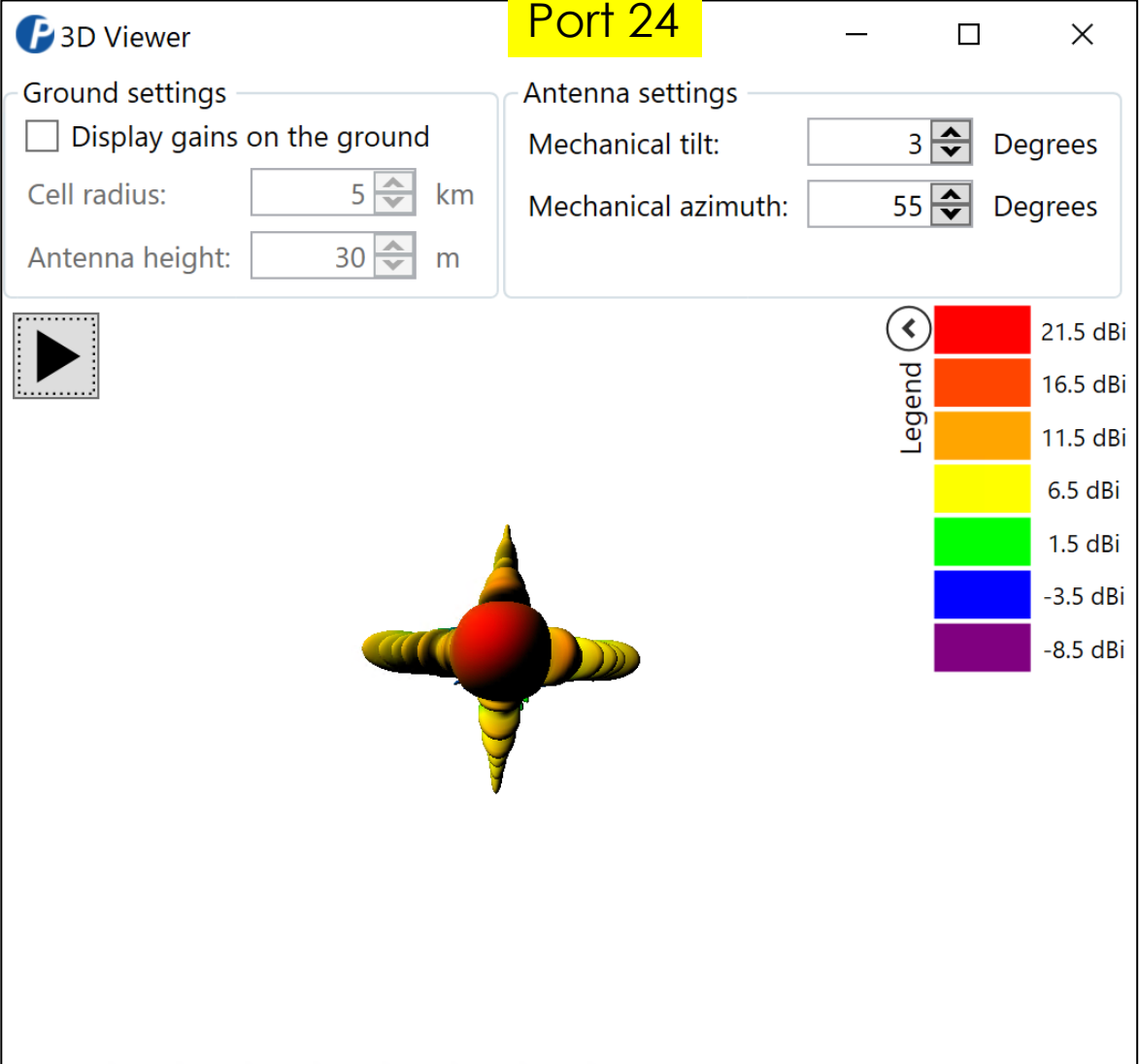
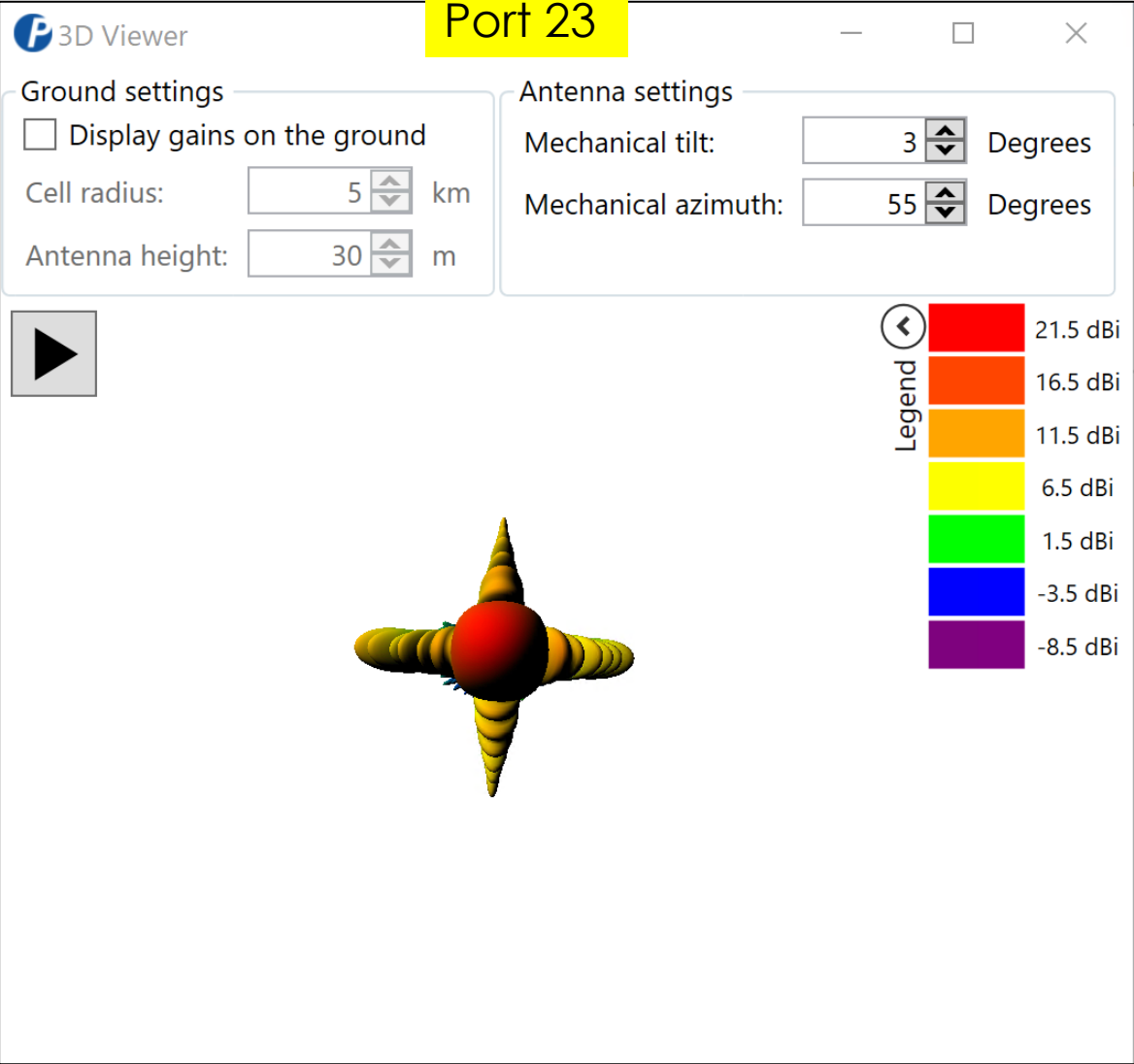
MS-12H90 (Boresight View) 1710-1722MHz T +10 Az +35



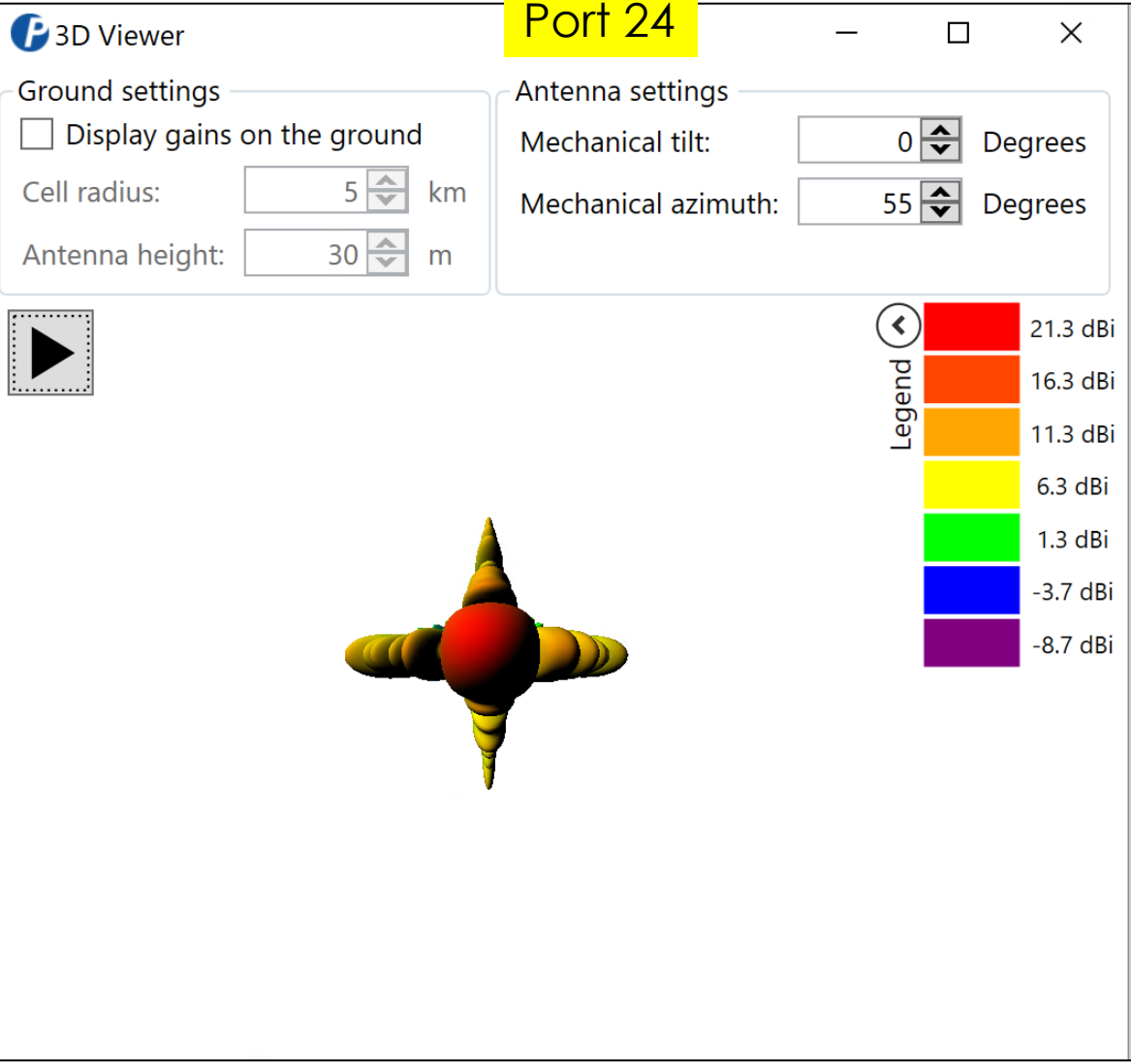
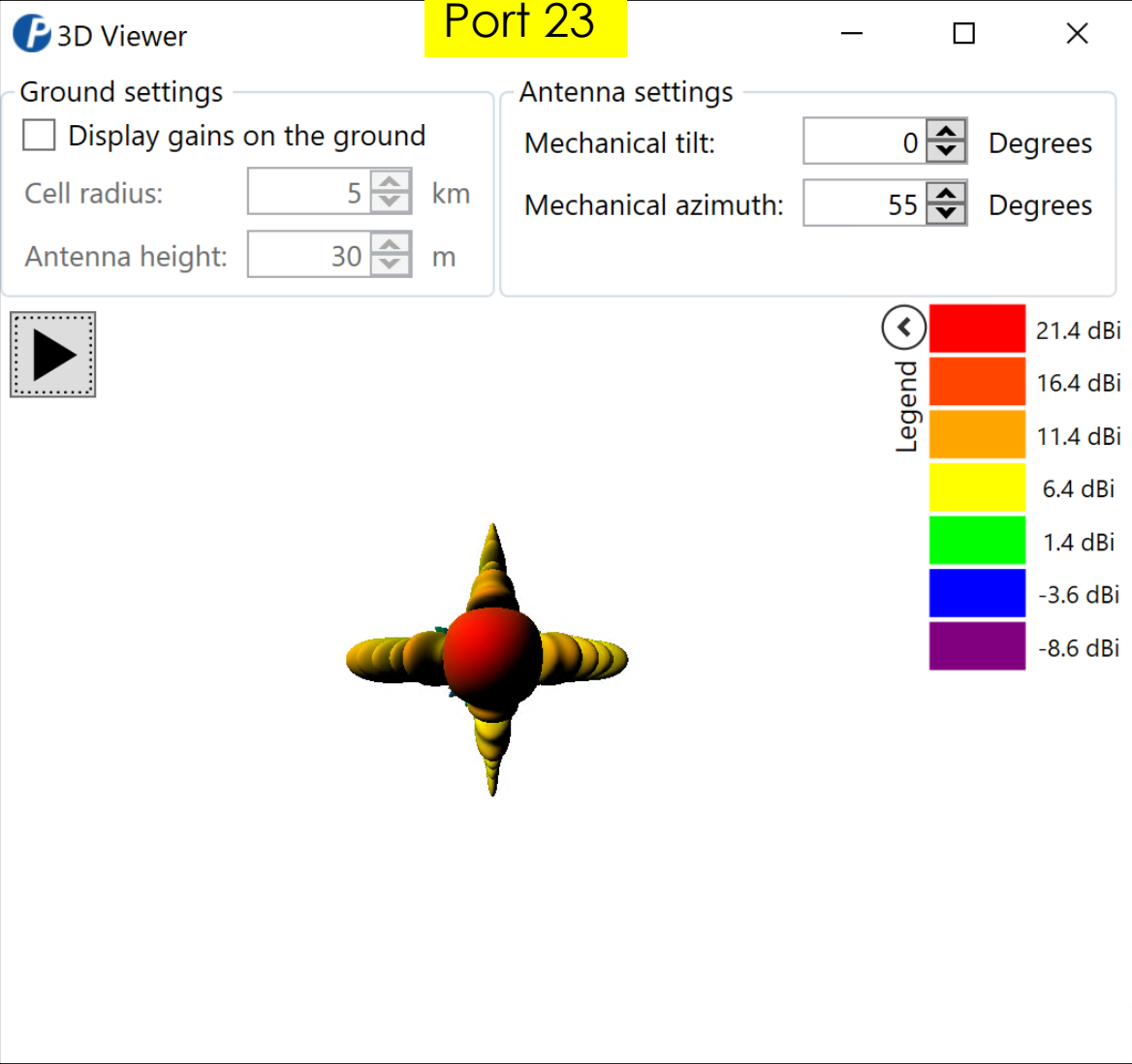
MS-12H90 (Boresight View) 1710-1722MHz T +15 Az +35



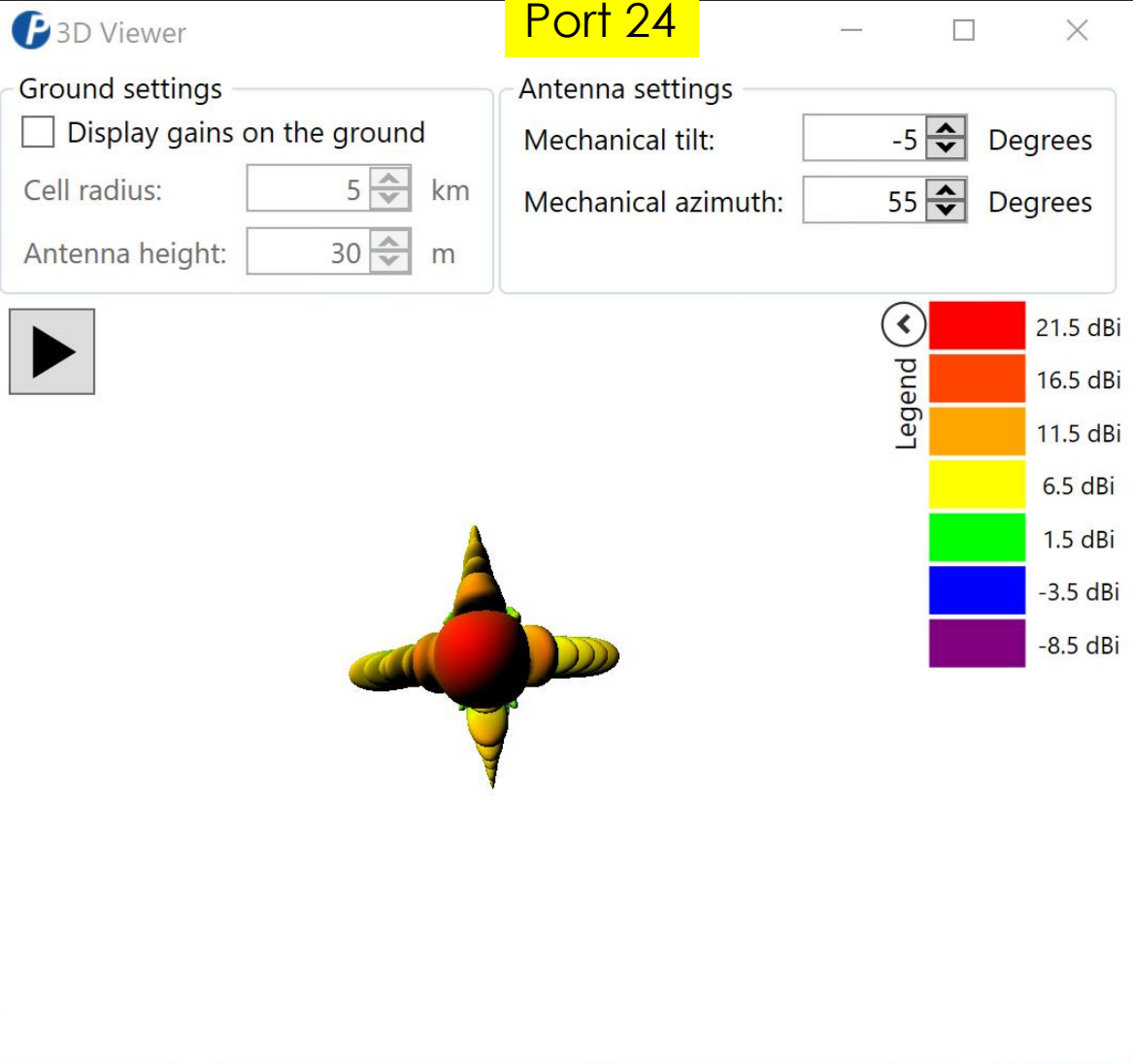
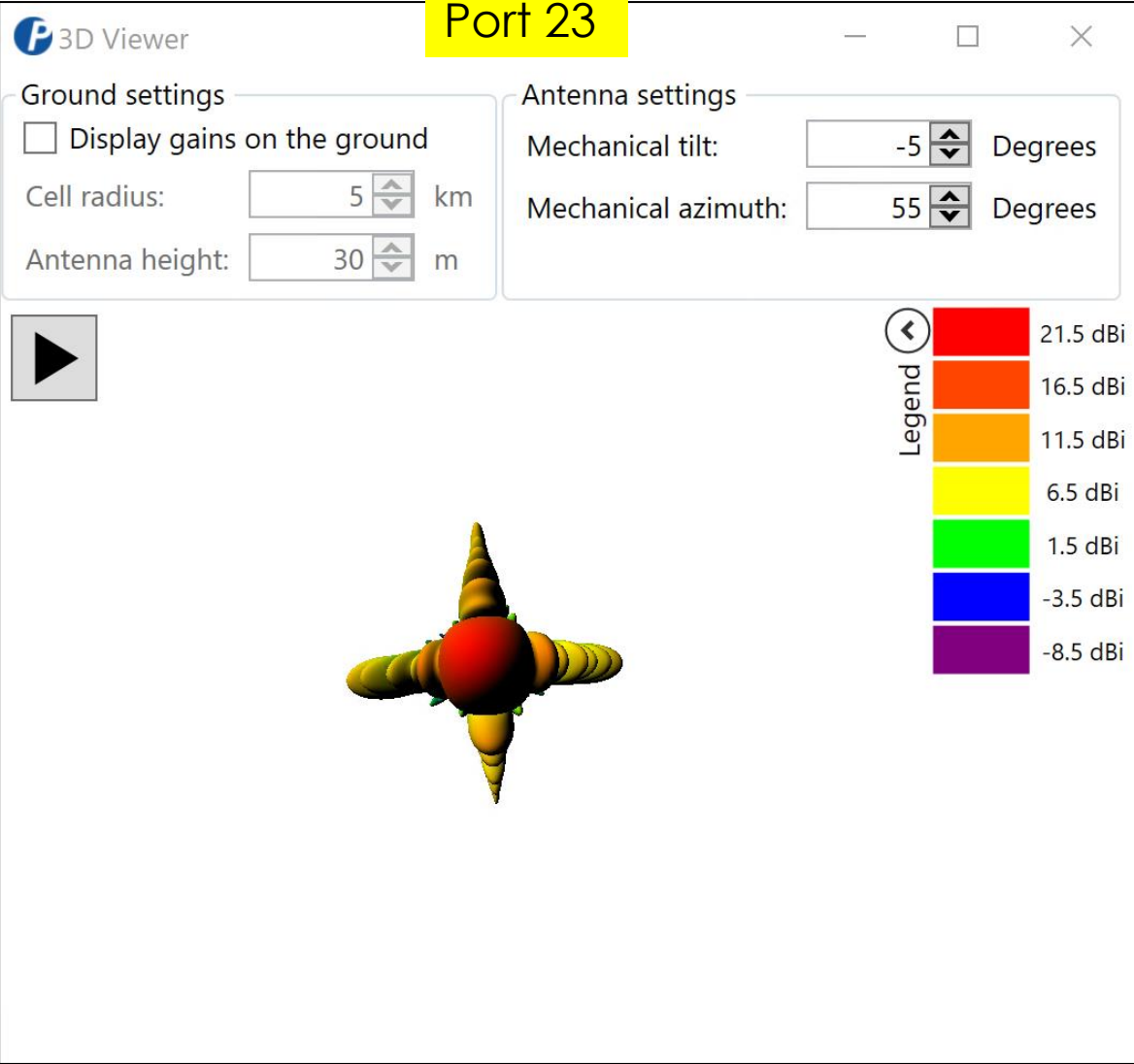
MS-12H90 (Boresight View) 1710-1722MHz T -3 Az +55



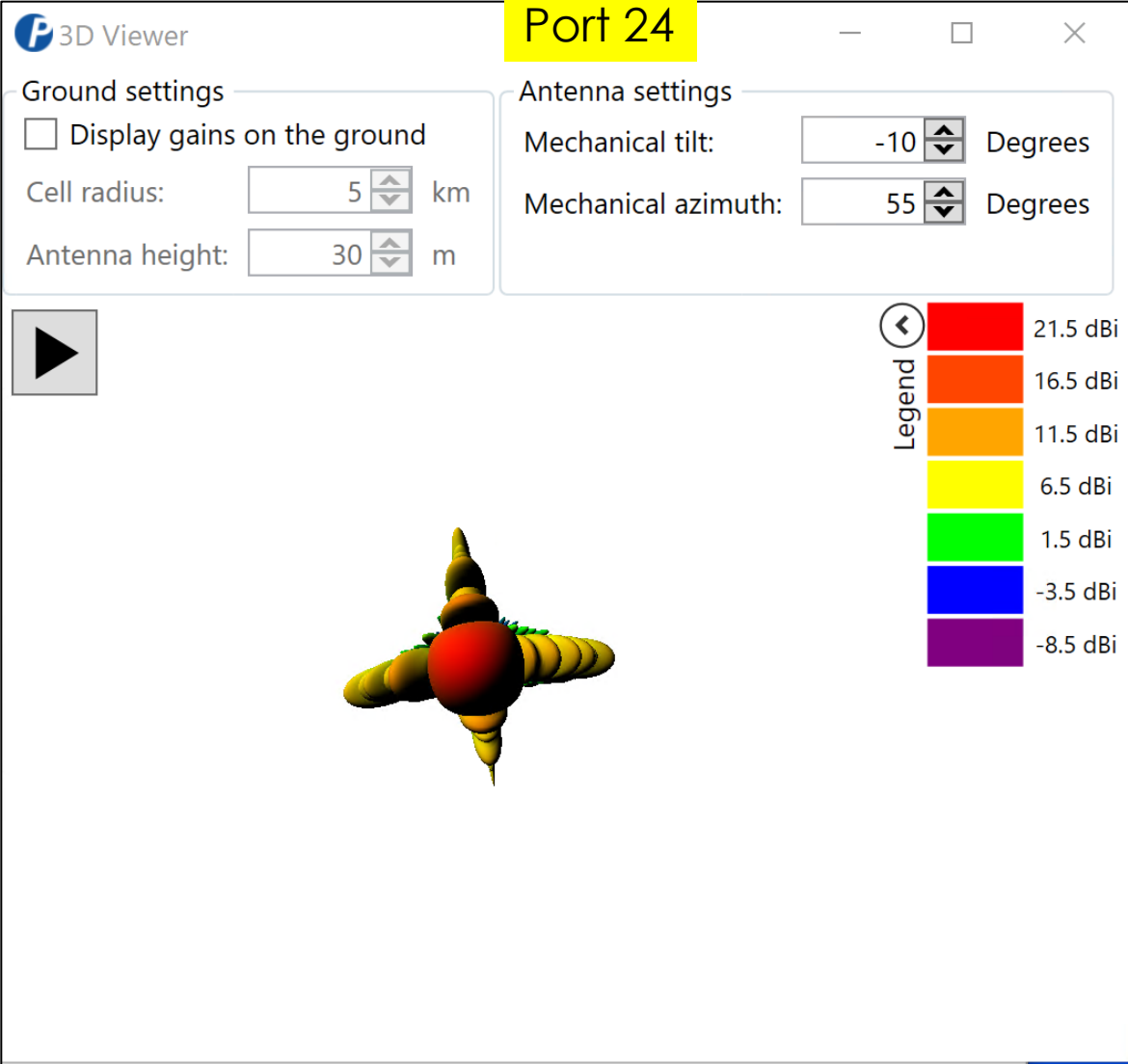
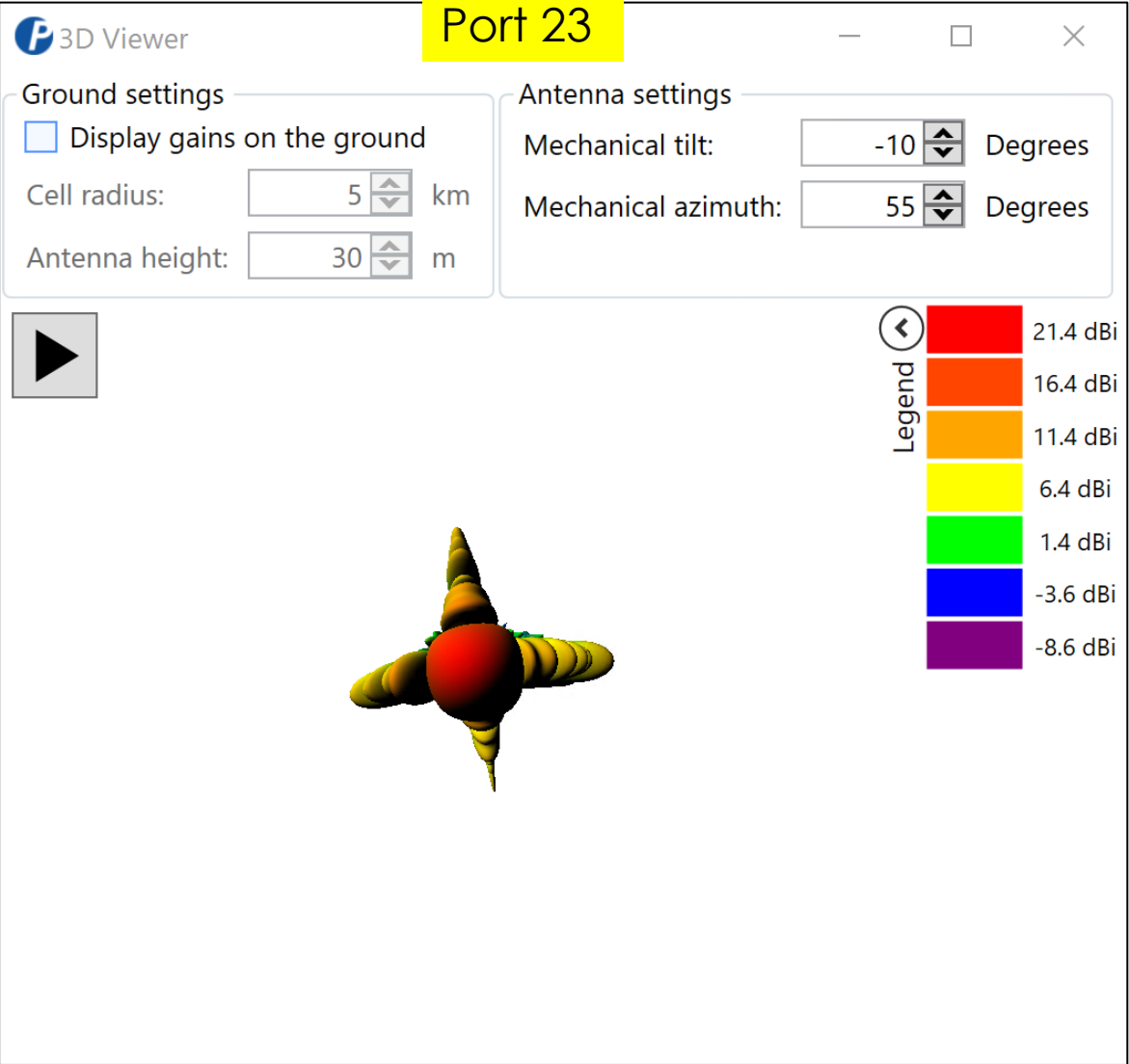
MS-12H90 (Boresight View) 1710-1722MHz T 0 Az +55



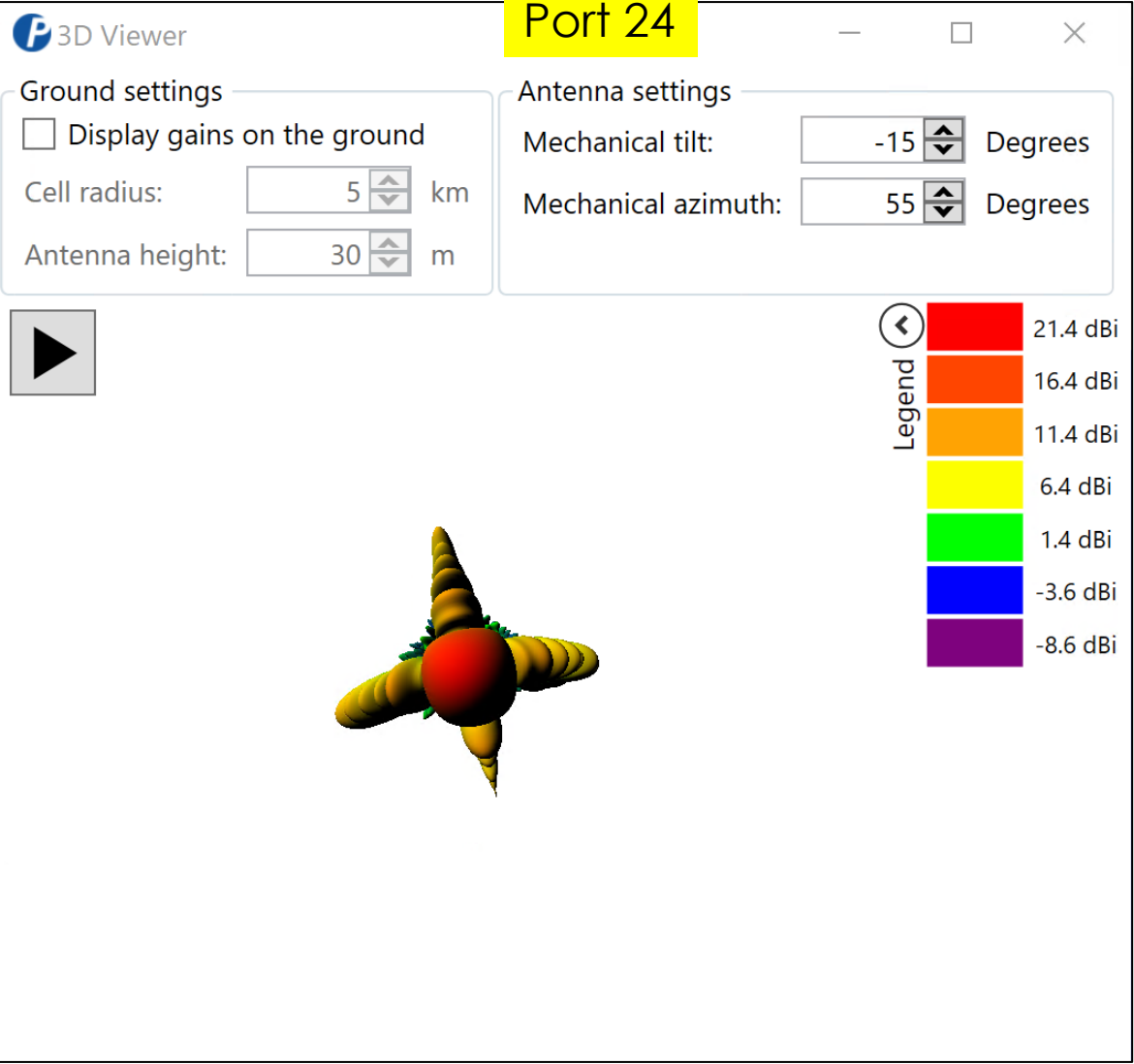
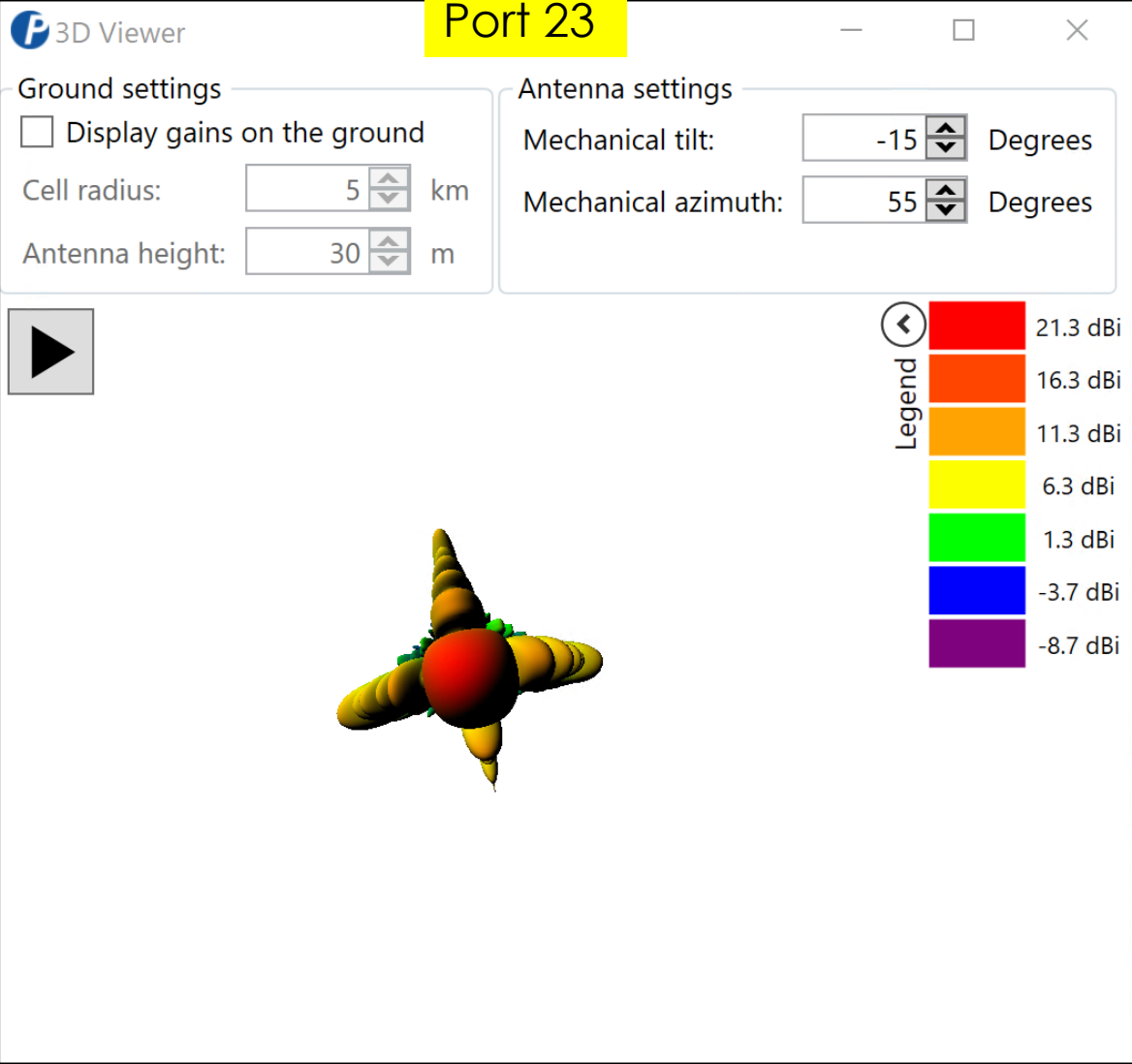
MS-12H90 (Boresight View) 1710-1722MHz T +5 Az +55



MS-12H90 (Boresight View) 1710-1722MHz T +10 Az +55



MS-12H90 (Boresight View) 1710-1722MHz T +15 Az +55



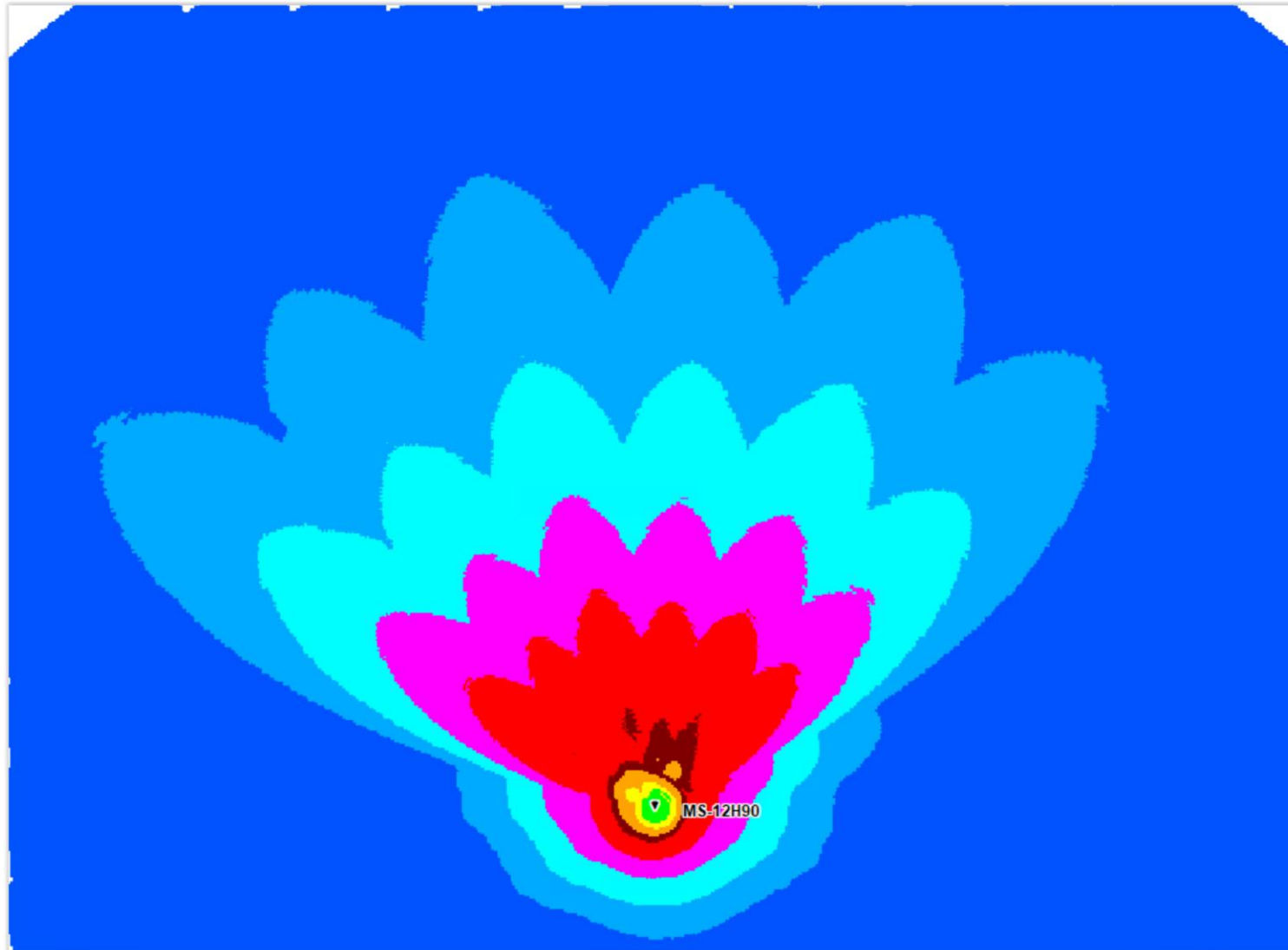
MS-12H90: Beam 1 – Beam 6 Tilt: +3, Mtilt: 0



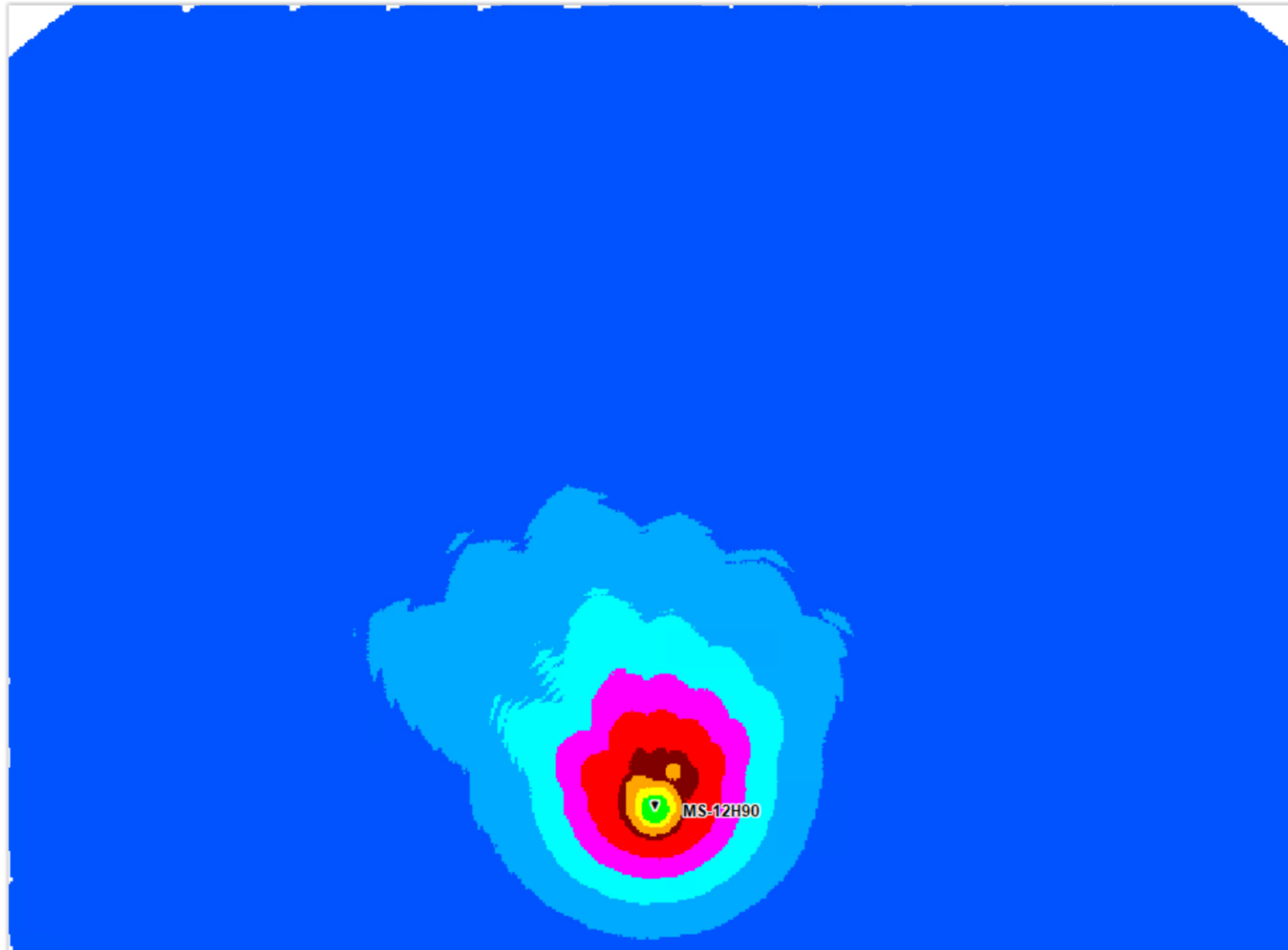
MS-12H90: Beam 1 – Beam 6 Tilt: 0, Mtilt: 0



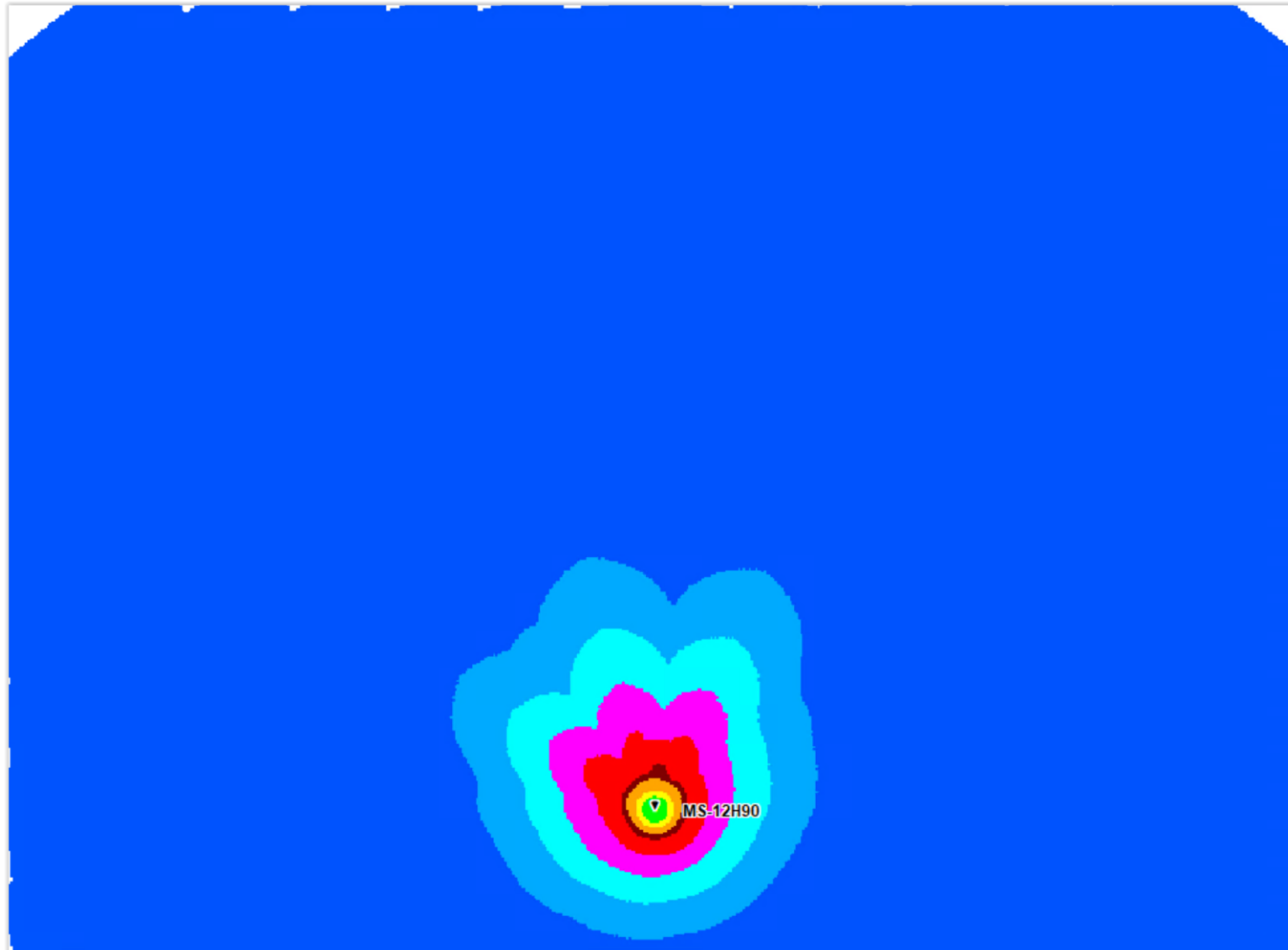
MS-12H90: Beam 1 – Beam 6 Tilt: -5, Mtilt: 0



MS-12H90: Beam 1 – Beam 6 Tilt: -10, Mtilt: 0



MS-12H90: Beam 1 – Beam 6 Tilt: -15, Mtilt: 0



MS-12H90: Beam 7 – Beam 12 Tilt: -3, Mtilt: 0



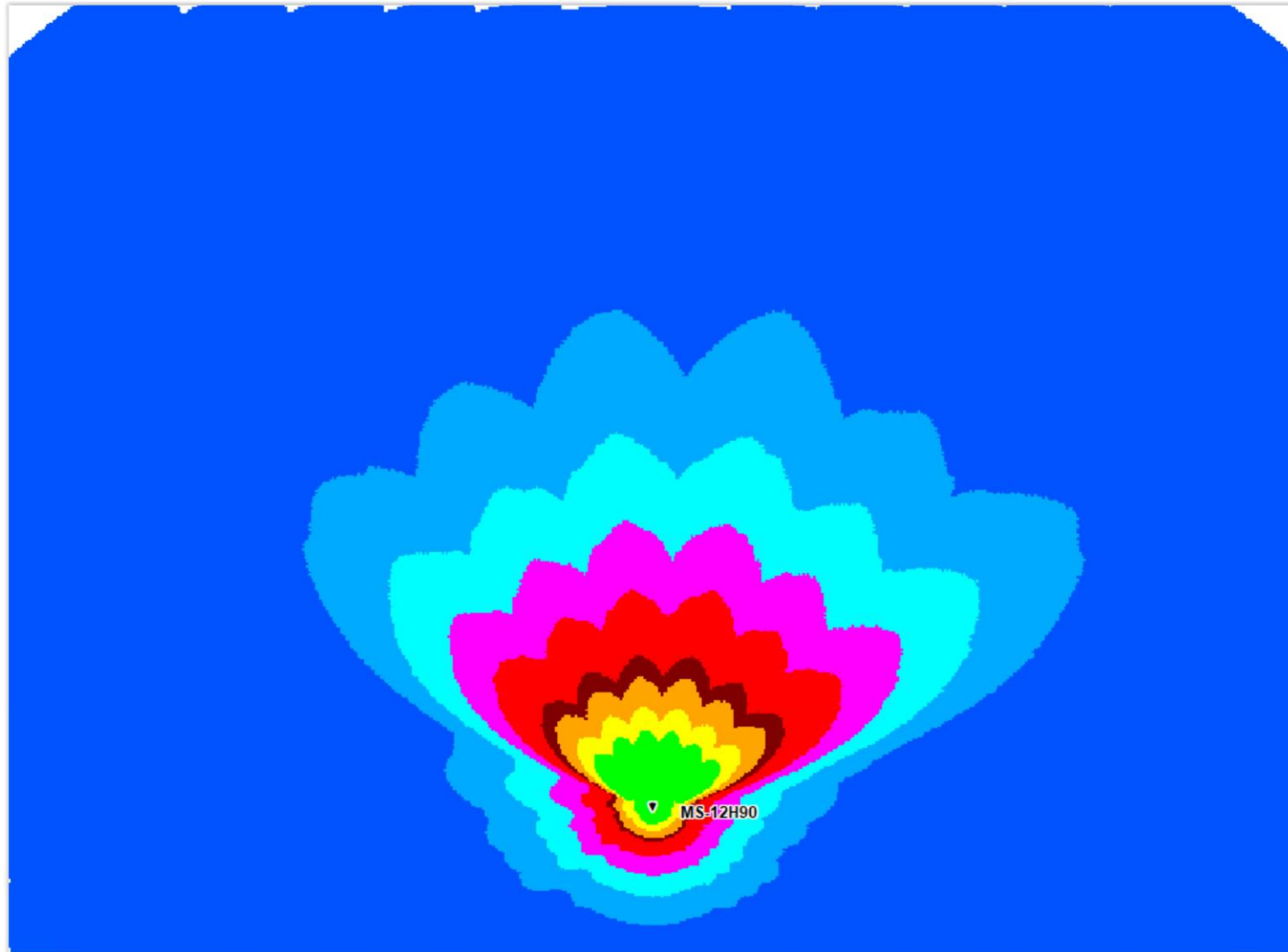
MS-12H90: Beam 7 – Beam 12 Tilt: 0, Mtilt: 0



MS-12H90: Beam 7 – Beam 12 Tilt: +5, Mtilt: 0



MS-12H90: Beam 7 – Beam 12 Tilt: +10, Mtilt: 0



MS-12H90: Beam 7 – Beam 12 Tilt: +15, Mtilt: 0

