

Exhibit B – Antenna Gain Patterns

Plot notes:

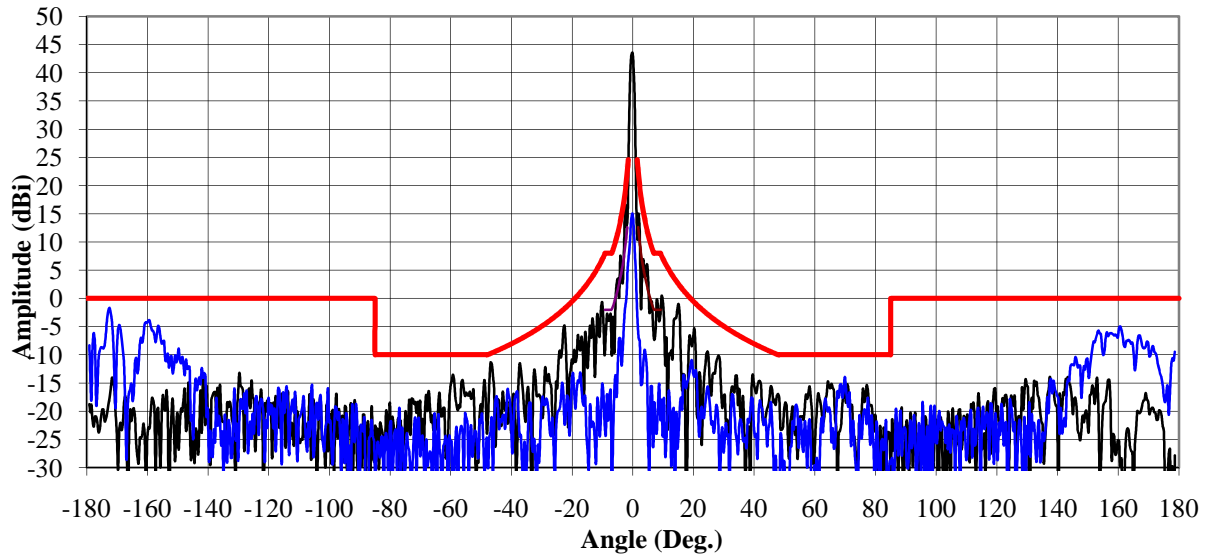
Black trace is co-polarization gain pattern

Blue trace is cross-polarization gain pattern

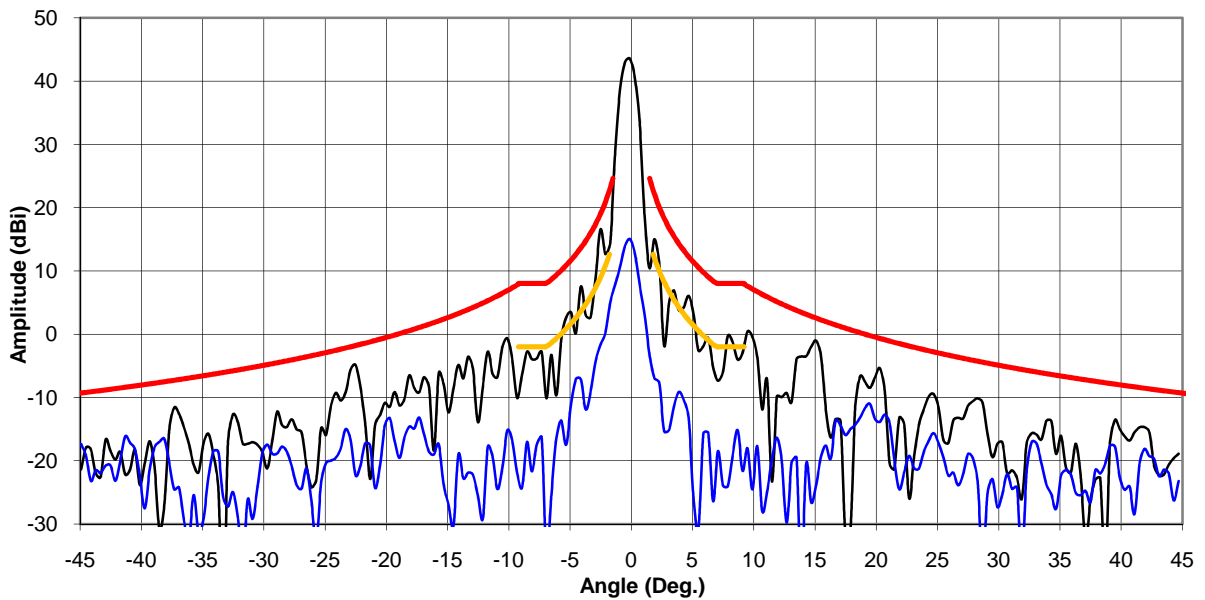
Red trace is FCC 25.209(a)(2) co-polarization mask

Yellow trace is FCC 25.209(b)(1) cross-polarization mask

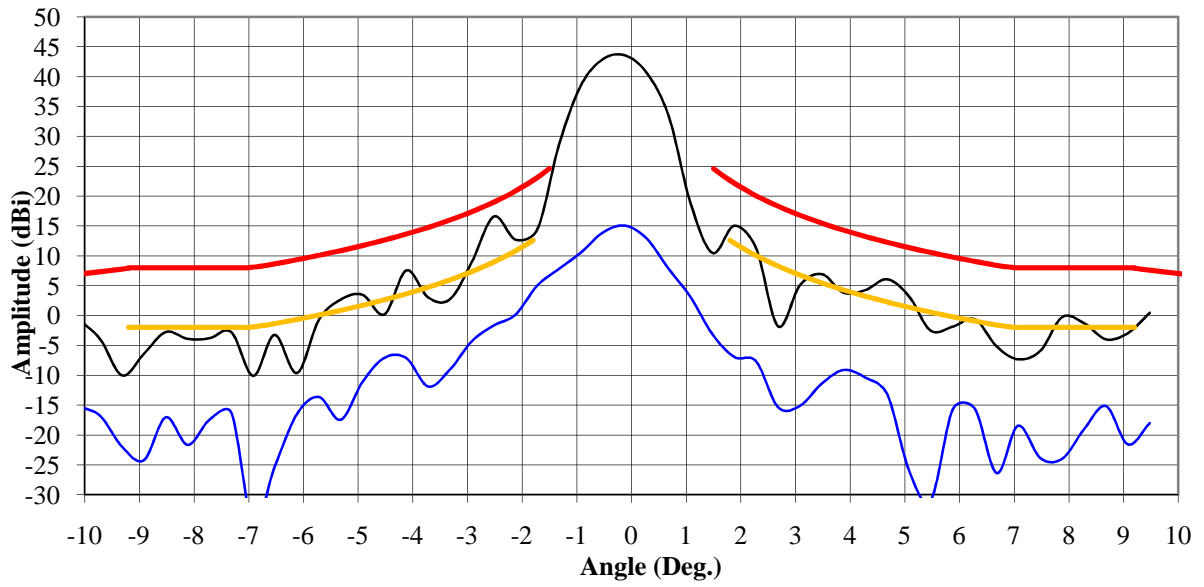
Surfbeam-2 User Terminal
Tx Az 28.35 GHz LHC
Gain = 43.89 dBi



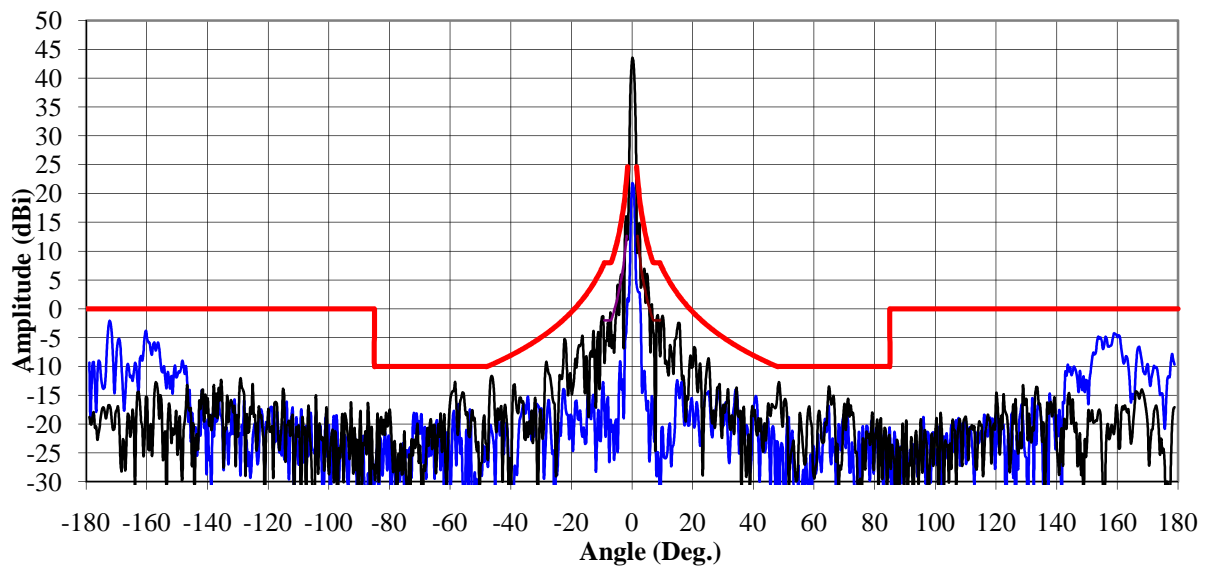
Surfbeam-2 User Terminal
Tx Az 28.35 GHz LHC
Gain = 43.89 dBi



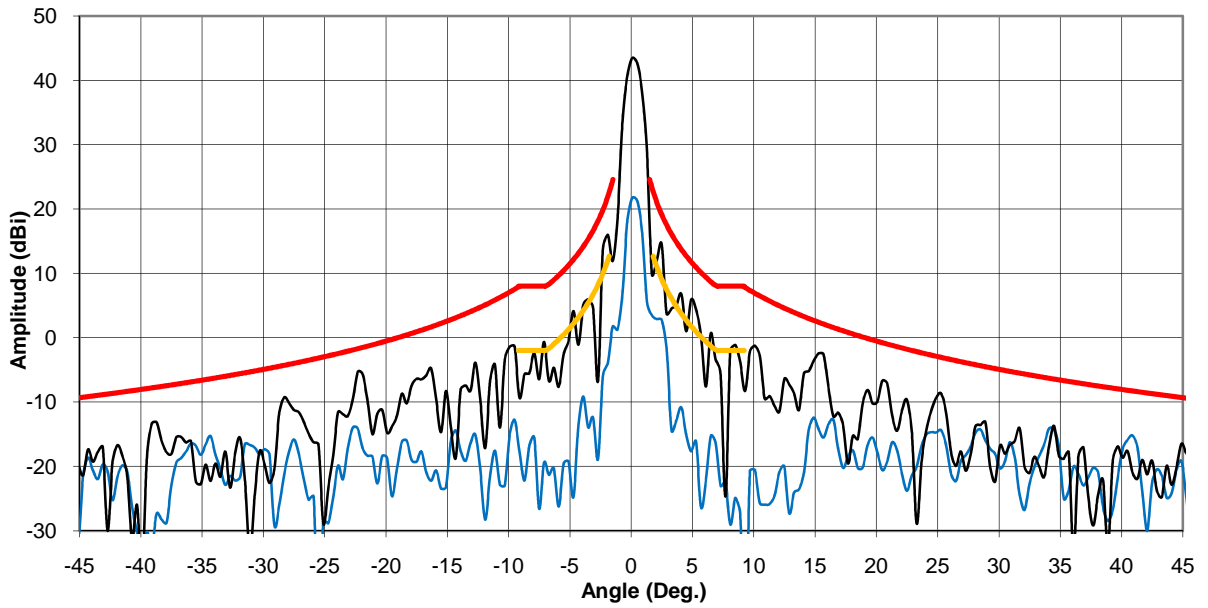
Surfbeam-2 User Terminal
Tx Az 28.35 GHz LHC
Gain = 43.89 dBi



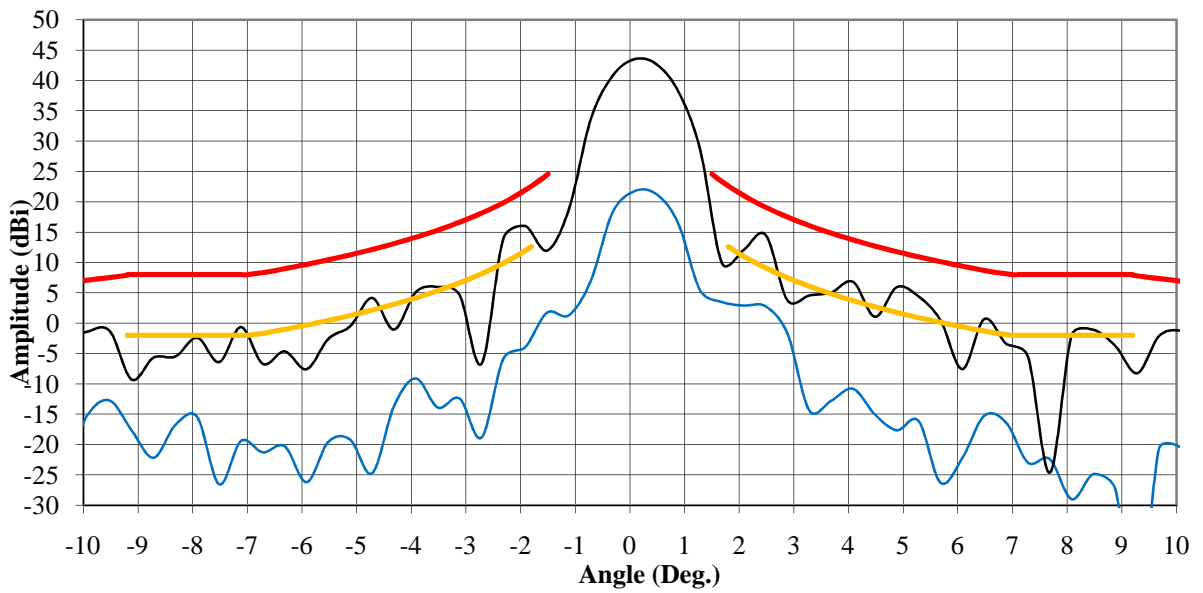
Surfbeam-2 User Terminal
Tx Az 28.35 GHz RHC
Gain = 43.84 dBi



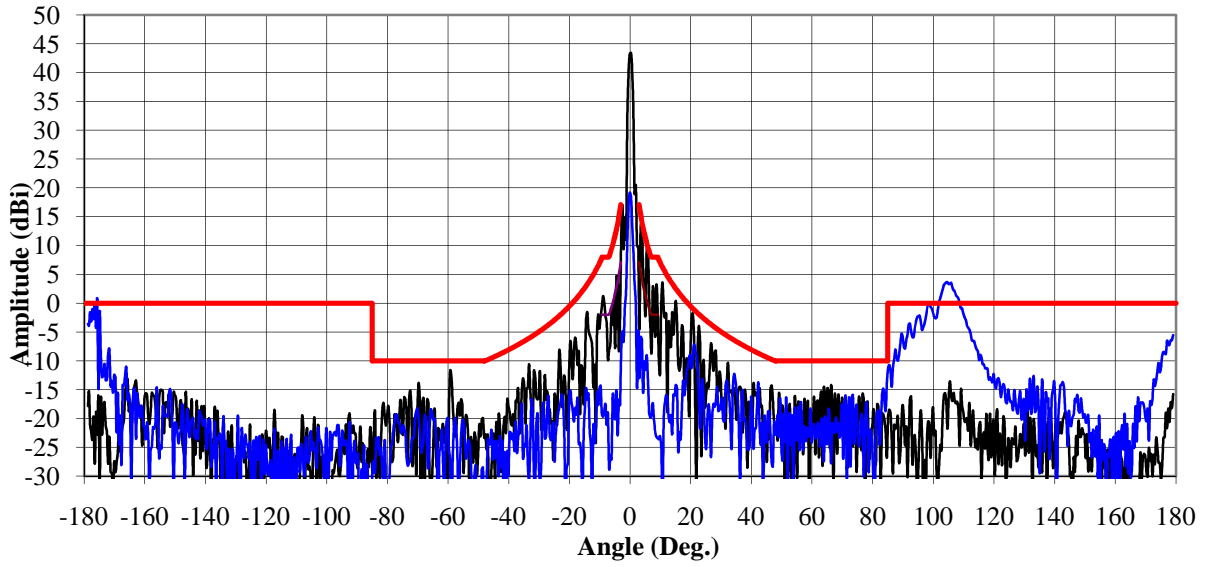
Surfbeam-2 User Terminal
Tx Az 28.35 GHz RHC
Gain = 43.84 dBi



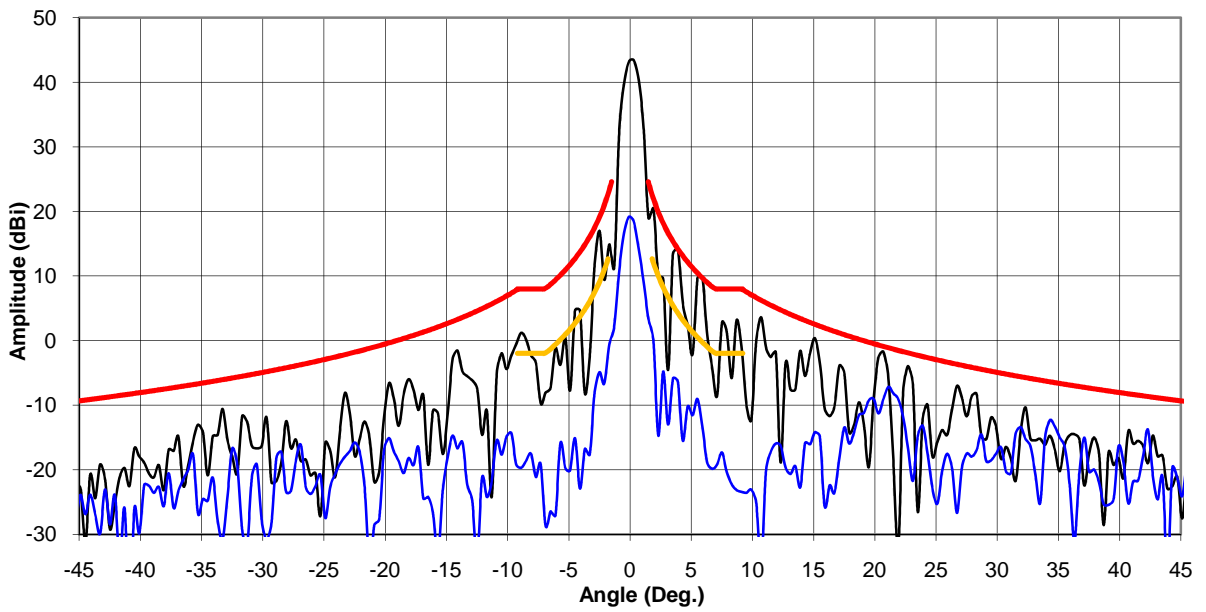
Surfbeam-2 User Terminal
Tx Az 28.35 GHz RHC
Gain = 43.84 dBi



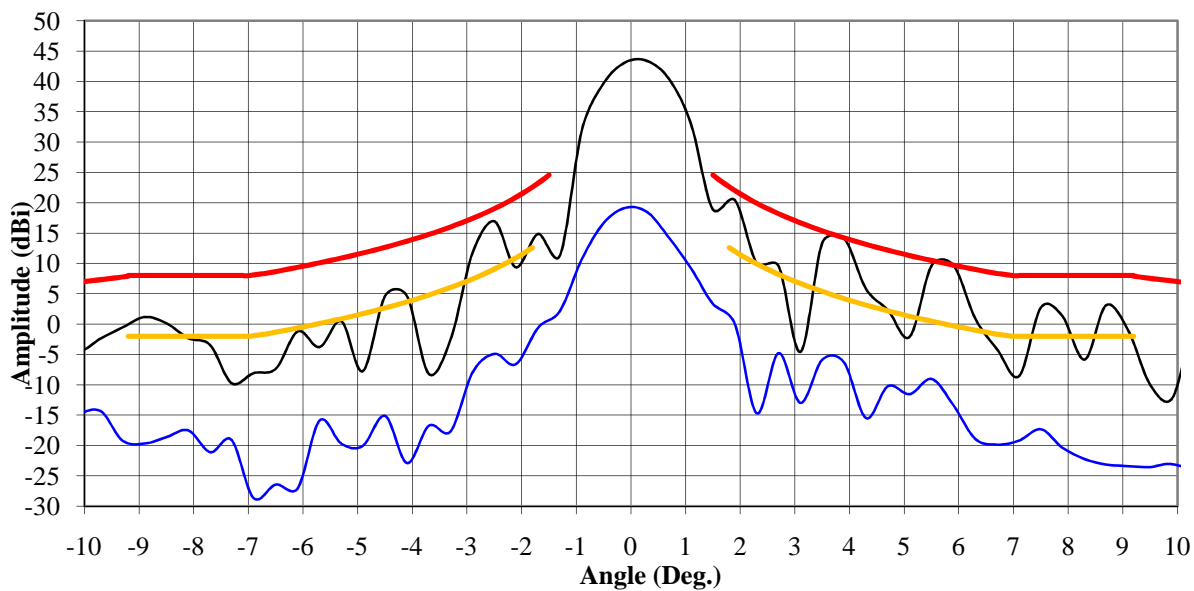
Surfbeam-2 User Terminal
Tx EL 28.35 GHz LHC
Gain = 43.89 dBi



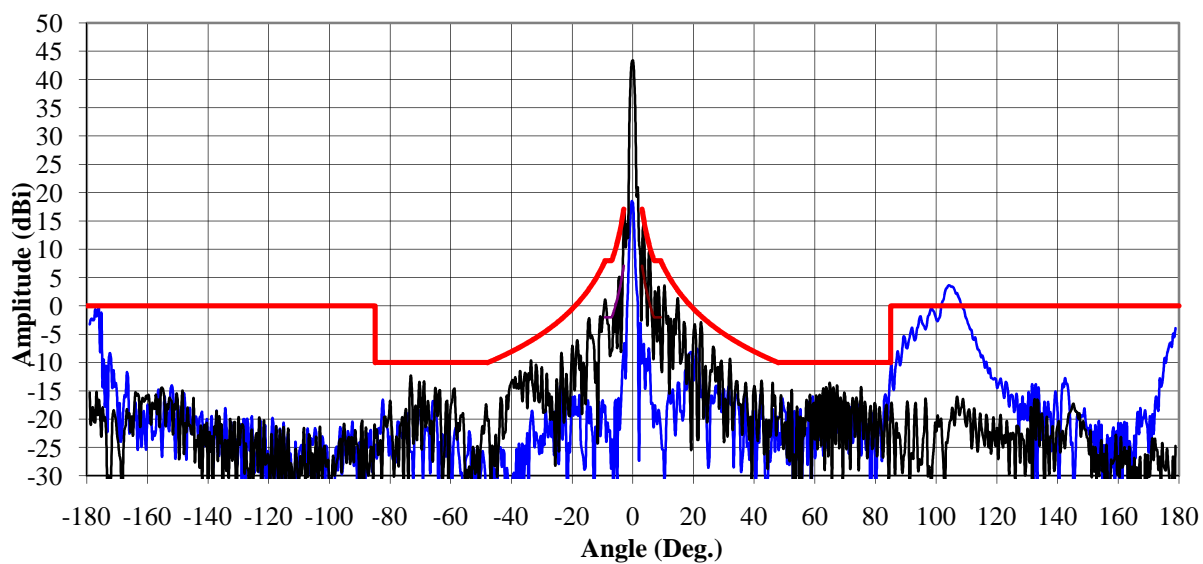
Surfbeam-2 User Terminal
Tx EL 28.35 GHz LHC
Gain = 43.94 dBi



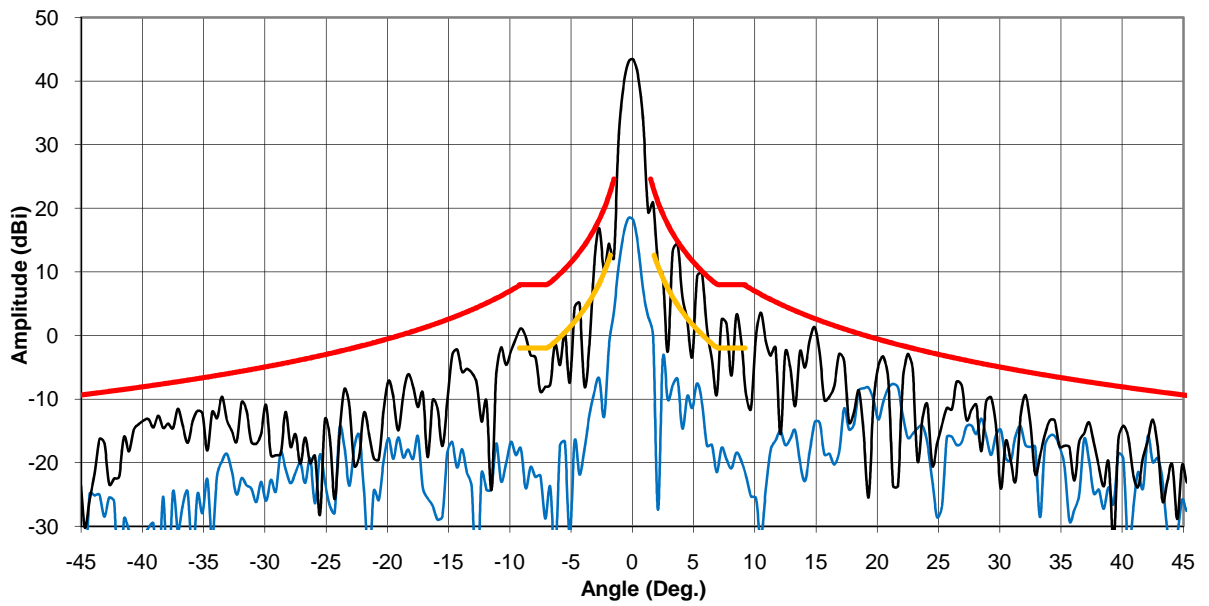
Surfbeam-2 User Terminal
Tx EL 28.35 GHz LHC
Gain = 43.94 dBi



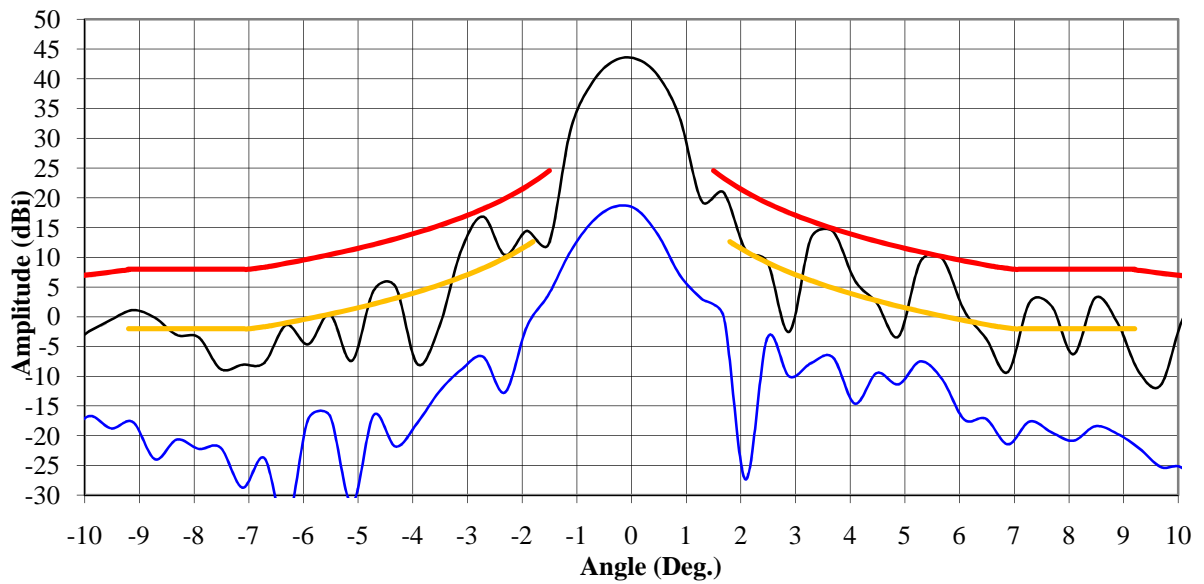
Surfbeam-2 User Terminal
Tx EL 28.35 GHz RHC
Gain = 43.84 dBi



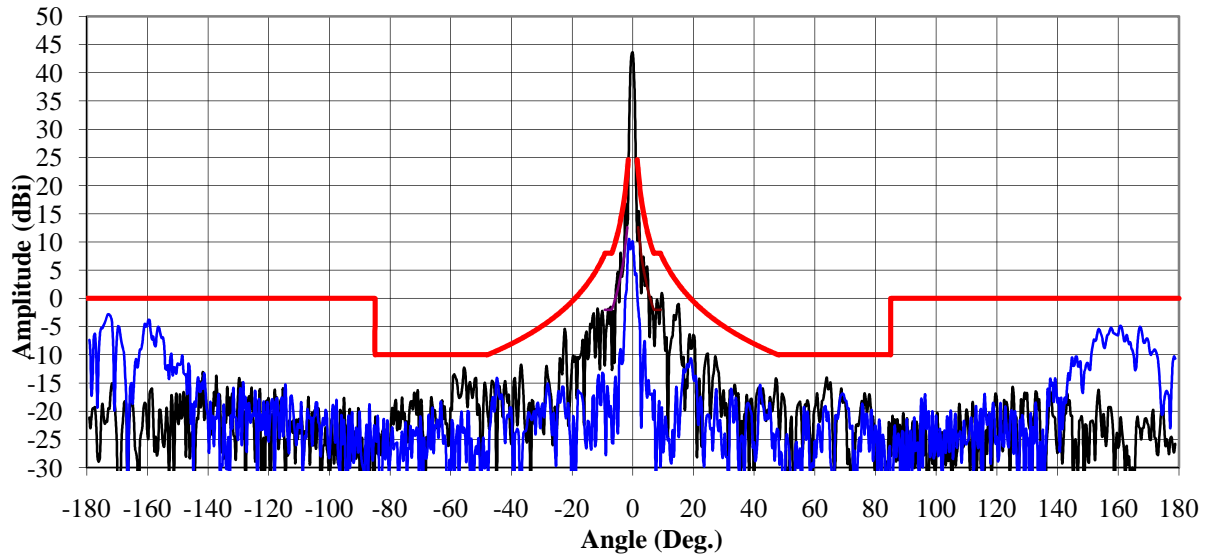
Surfbeam-2 User Terminal
Tx EL 28.35 GHz RHC
Gain = 43.84 dBi



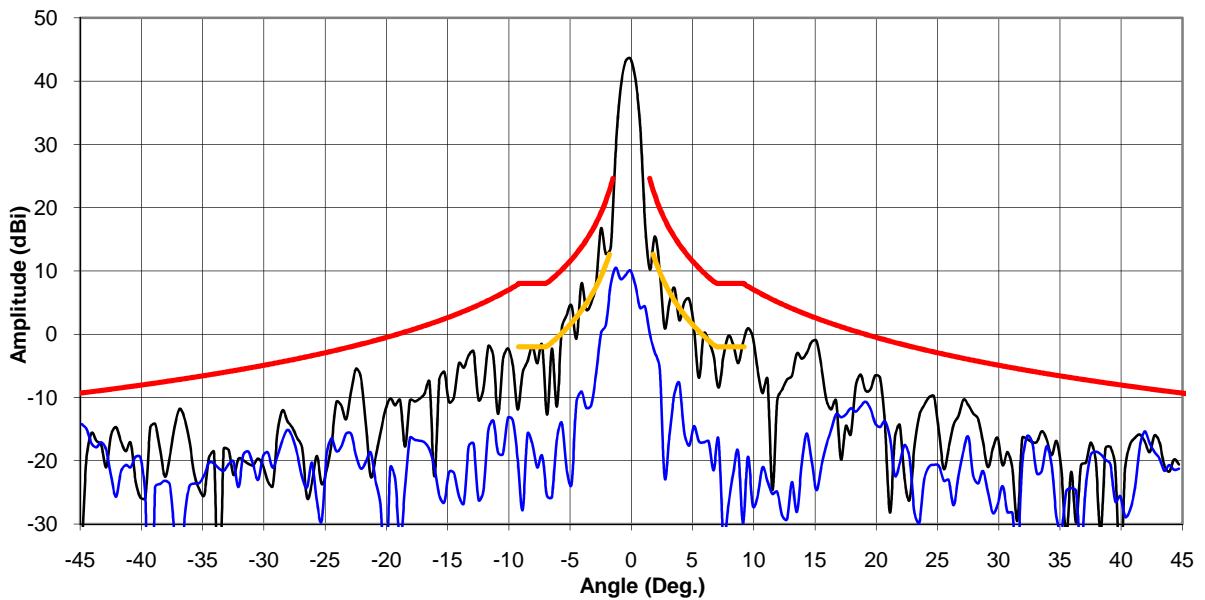
Surfbeam-2 User Terminal
Tx EL 28.35 GHz RHC
Gain = 43.84 dBi



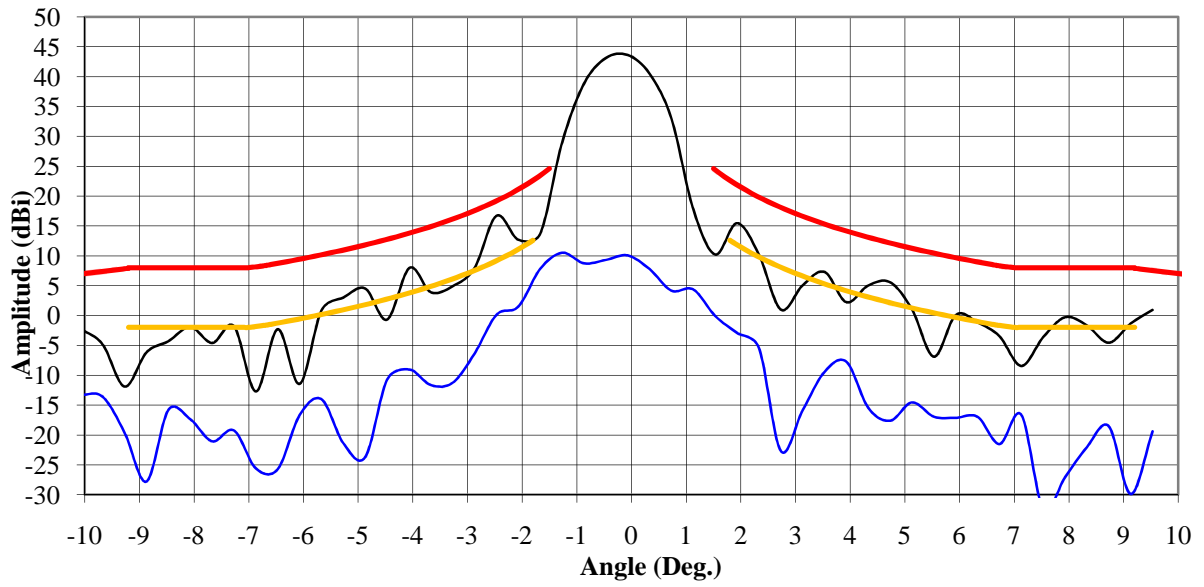
Surfbeam-2 User Terminal
Tx Az 28.60 GHz LHC
Gain = 43.99 dBi



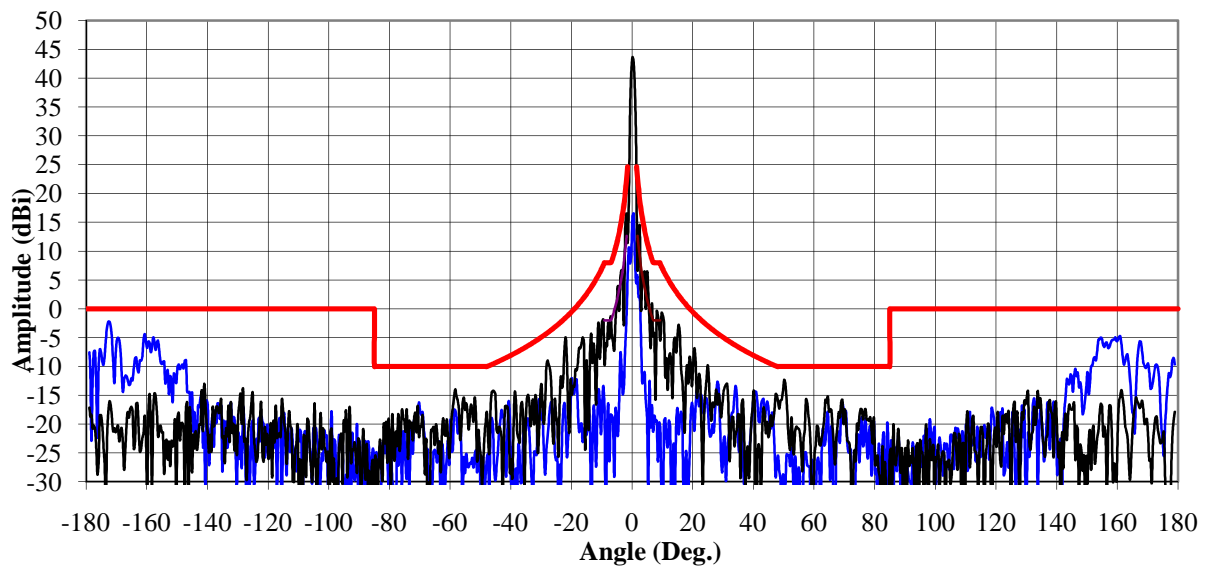
Surfbeam-2 User Terminal
Tx Az 28.60 GHz LHC
Gain = 43.99 dBi



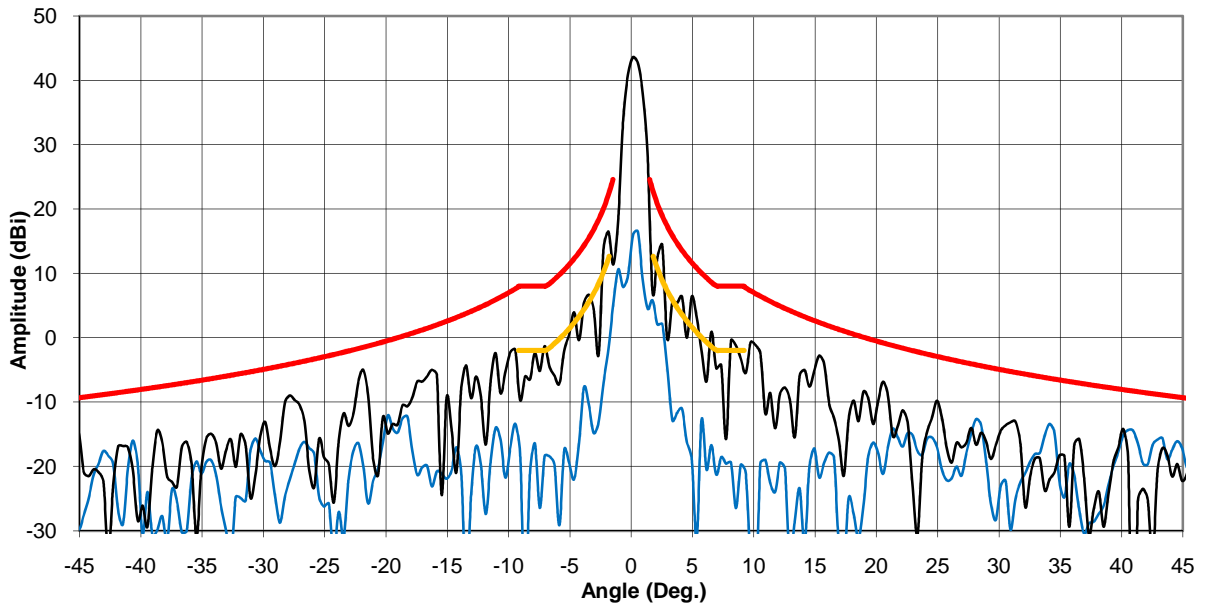
Surfbeam-2 User Terminal
Tx Az 28.60 GHz LHC
Gain = 43.99 dBi



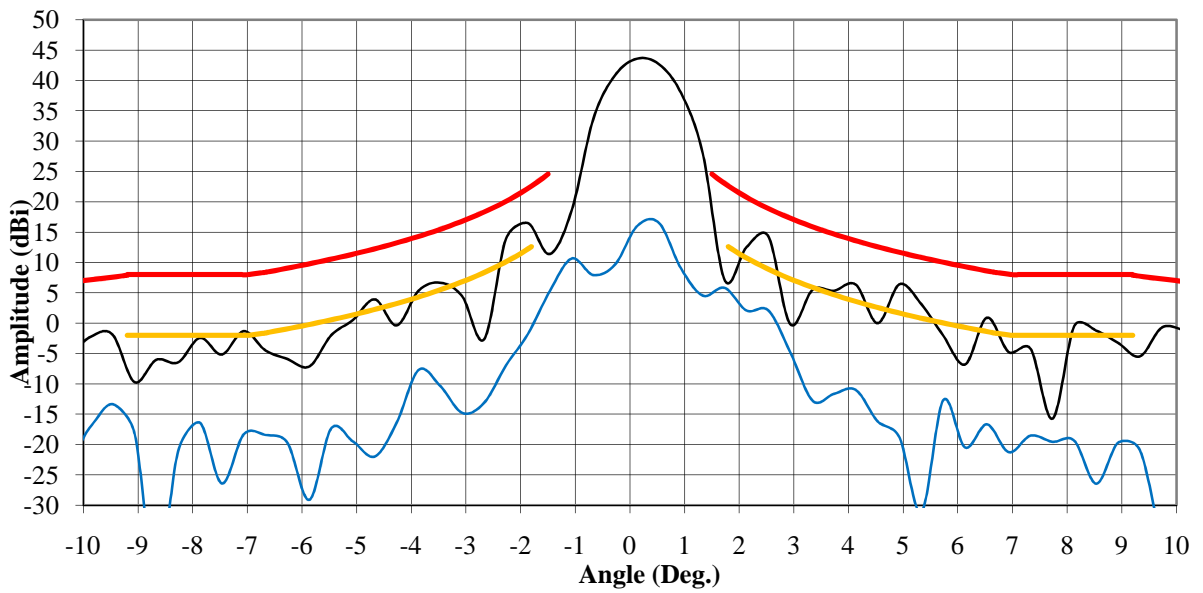
Surfbeam-2 User Terminal
Tx Az 28.60 GHz RHC
Gain = 43.94 dBi



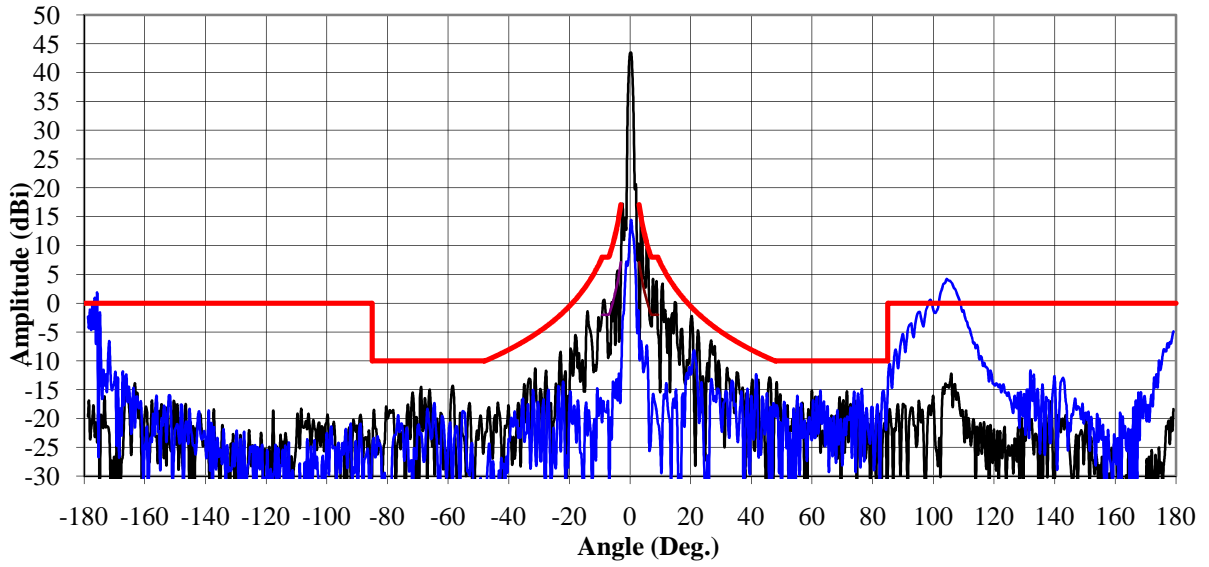
Surfbeam-2 User Terminal
Tx Az 28.60 GHz RHC
Gain = 43.94 dBi



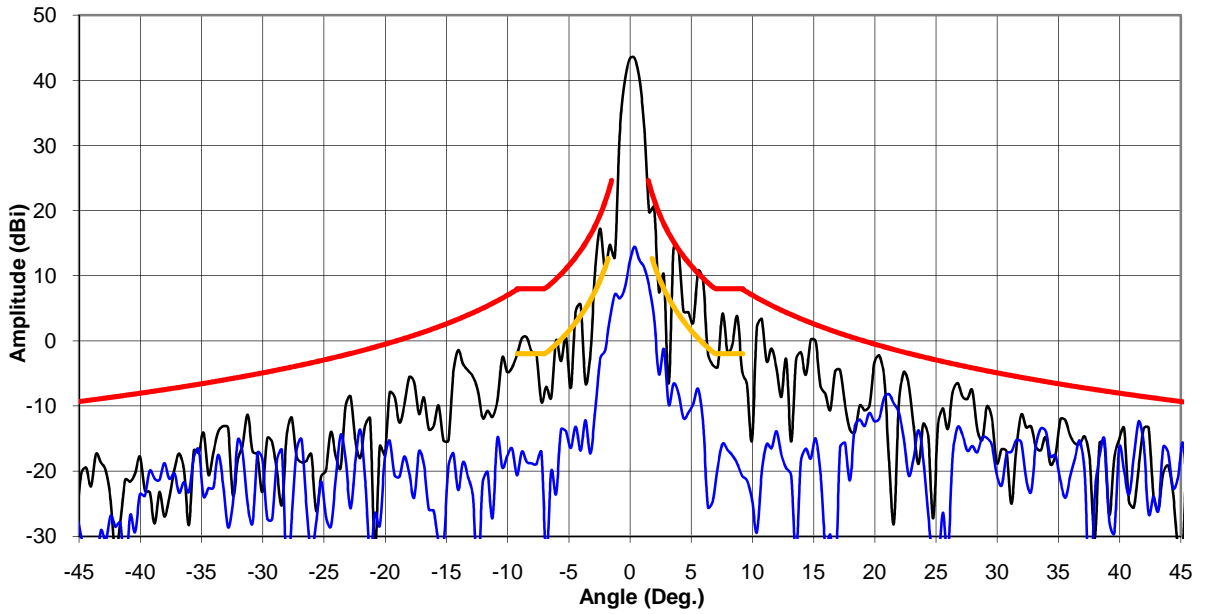
Surfbeam-2 User Terminal
Tx Az 28.60 GHz RHC
Gain = 43.94 dBi



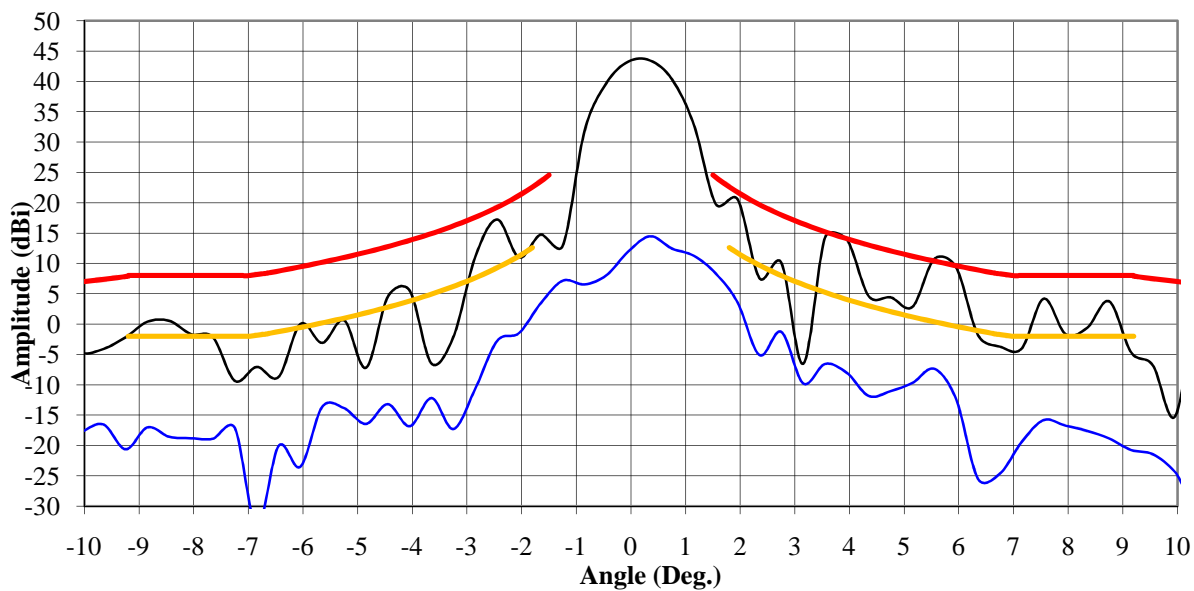
Surfbeam-2 User Terminal
Tx EL 28.60 GHz LHC
Gain = 43.99 dBi



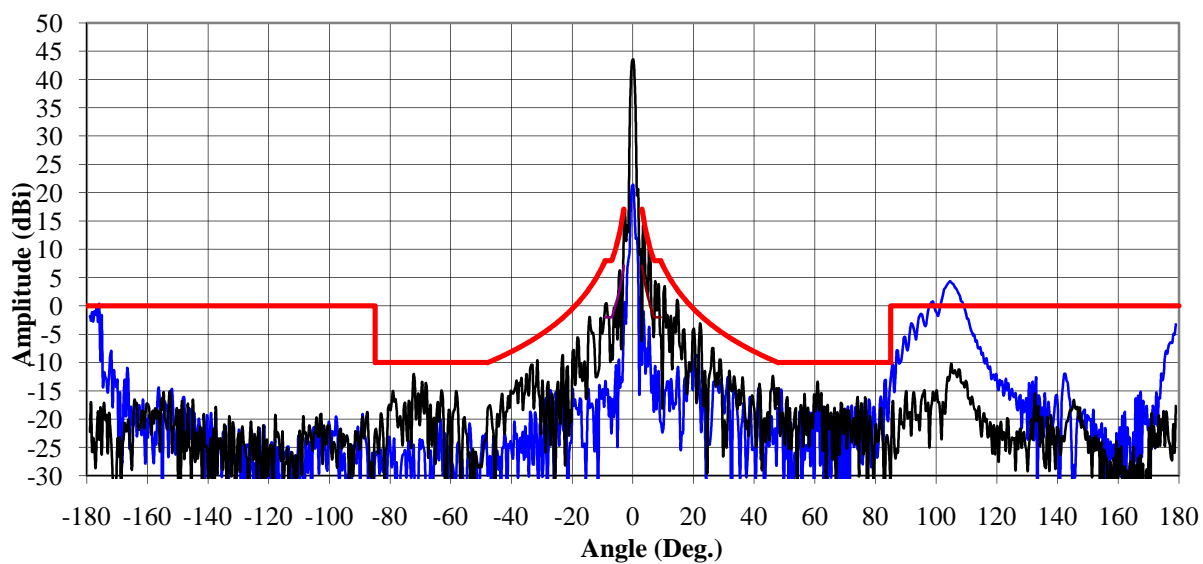
Surfbeam-2 User Terminal
Tx EL 28.60 GHz LHC
Gain = 43.99 dBi



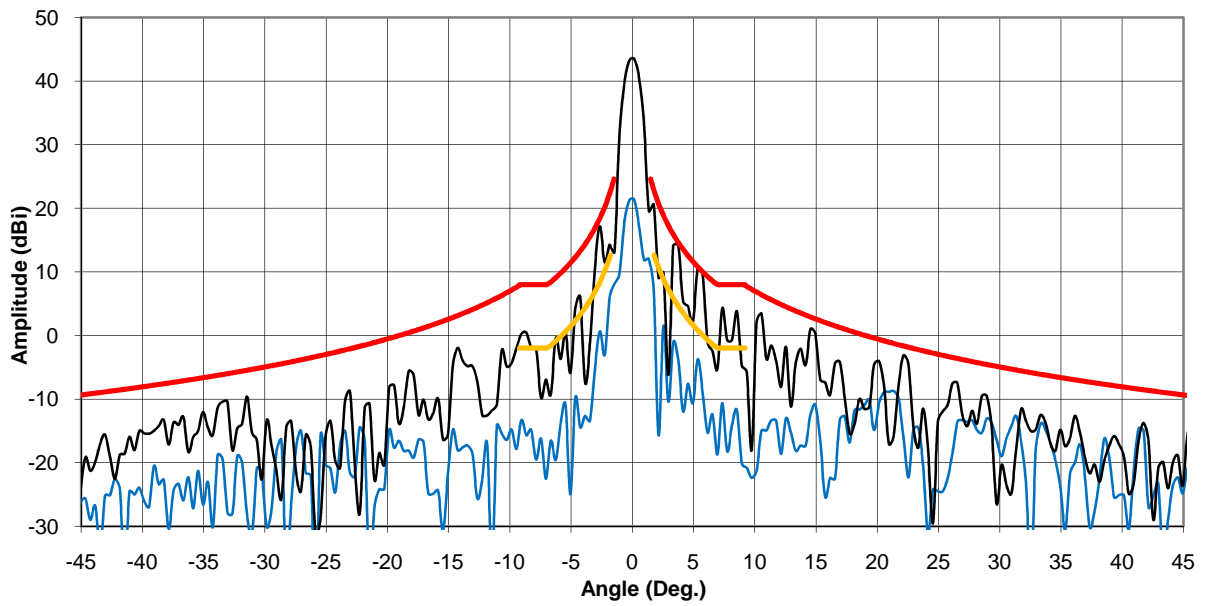
Surfbeam-2 User Terminal
Tx EL 28.60 GHz LHC
Gain = 43.99 dBi



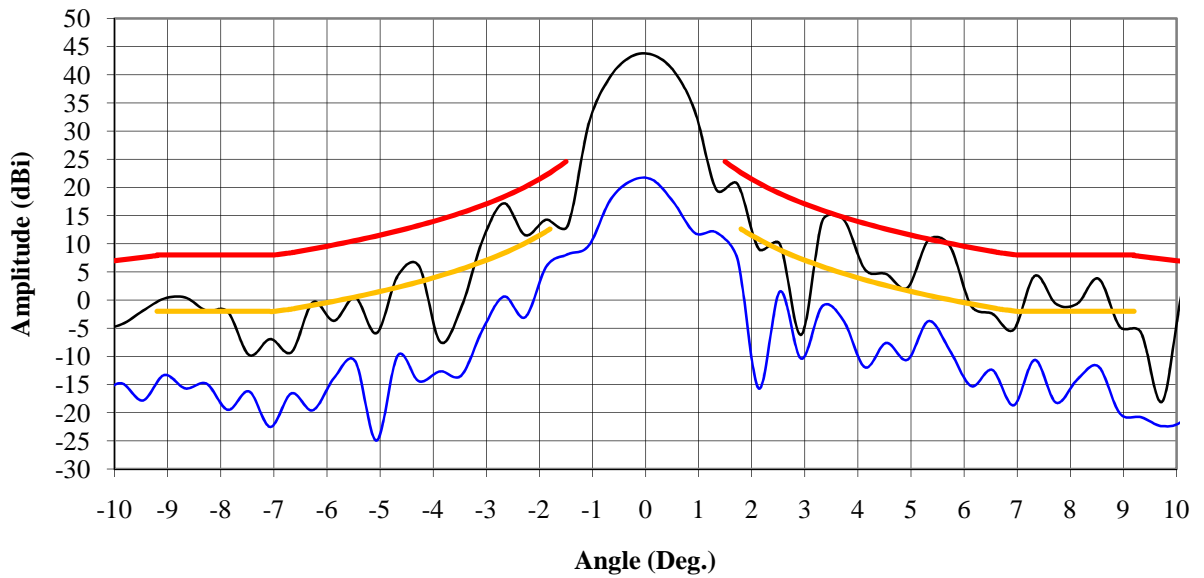
Surfbeam-2 User Terminal
Tx EL 28.60 GHz RHC
Gain = 43.94 dBi



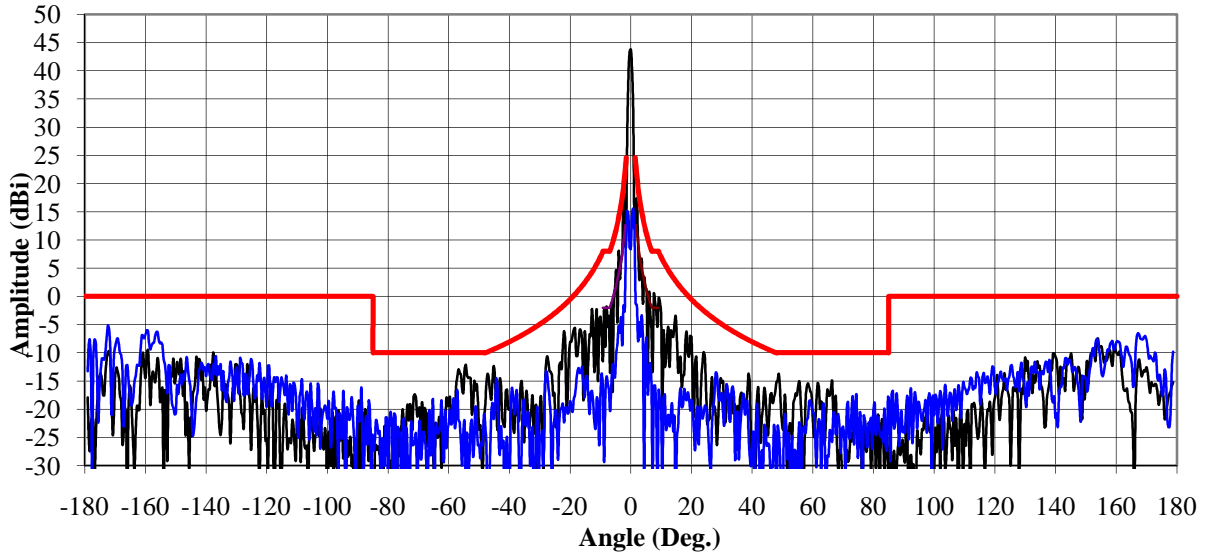
Surfbeam-2 User Terminal
Tx EL 28.60 GHz RHC
Gain = 43.94 dBi



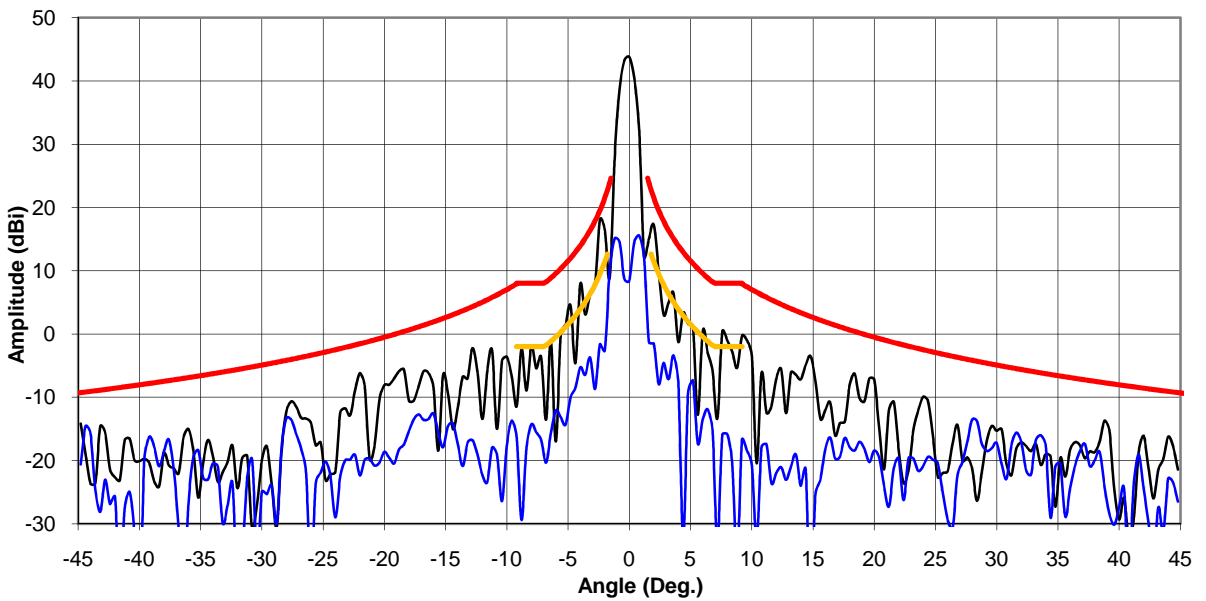
Surfbeam-2 User Terminal
Tx EL 28.60 GHz RHC
Gain = 43.94 dBi



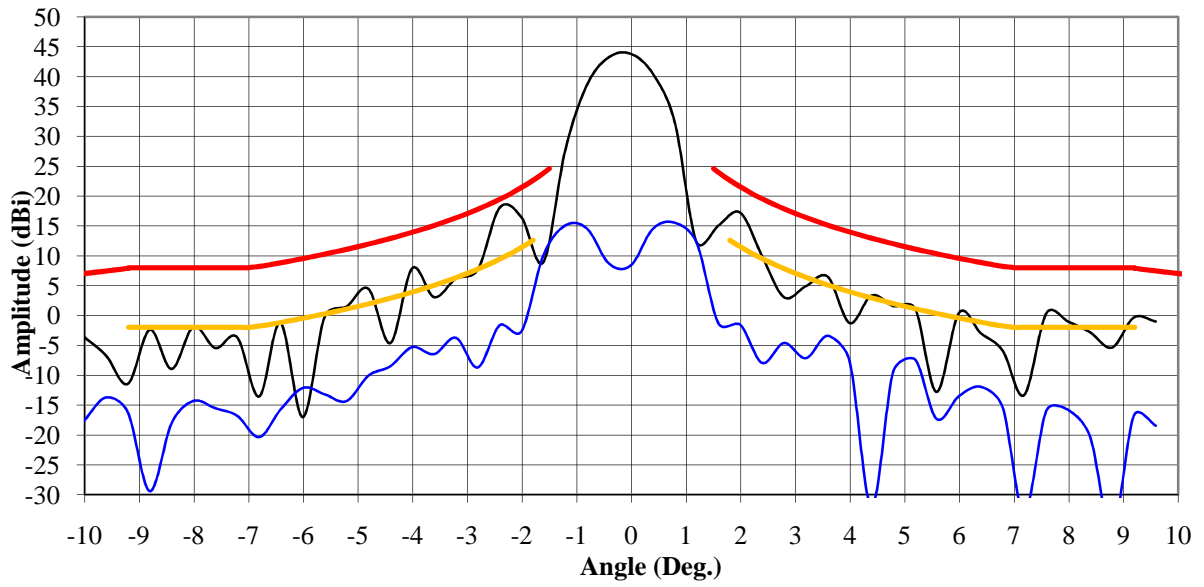
Surfbeam-2 User Terminal
Tx Az 29.10 GHz LHC
Gain = 44.15 dBi



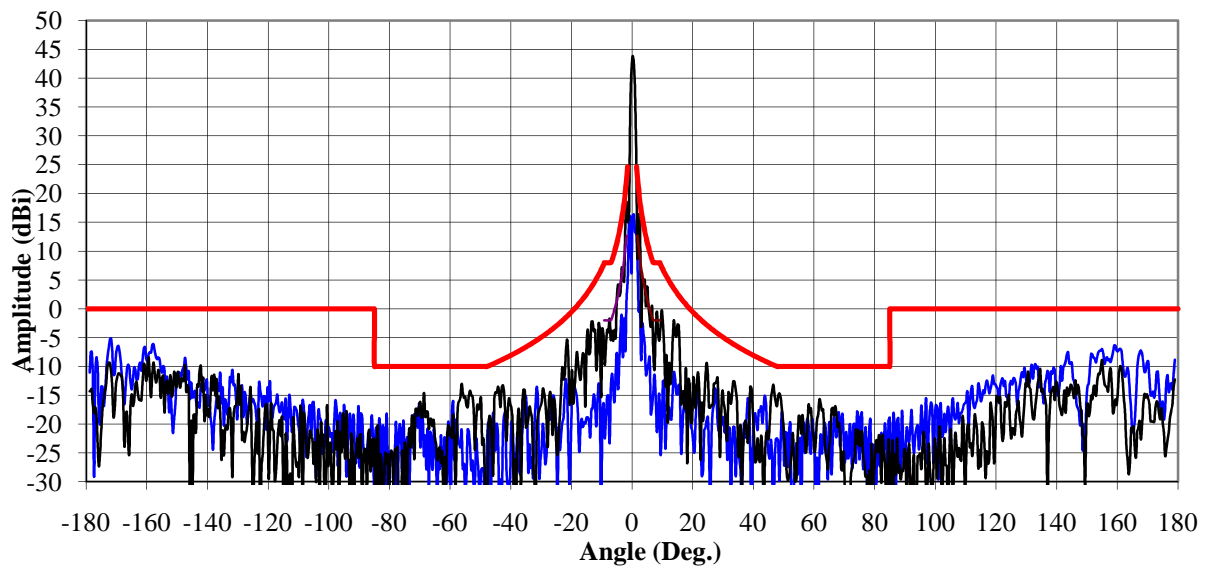
Surfbeam-2 User Terminal
Tx Az 29.10 GHz LHC
Gain = 44.15 dBi



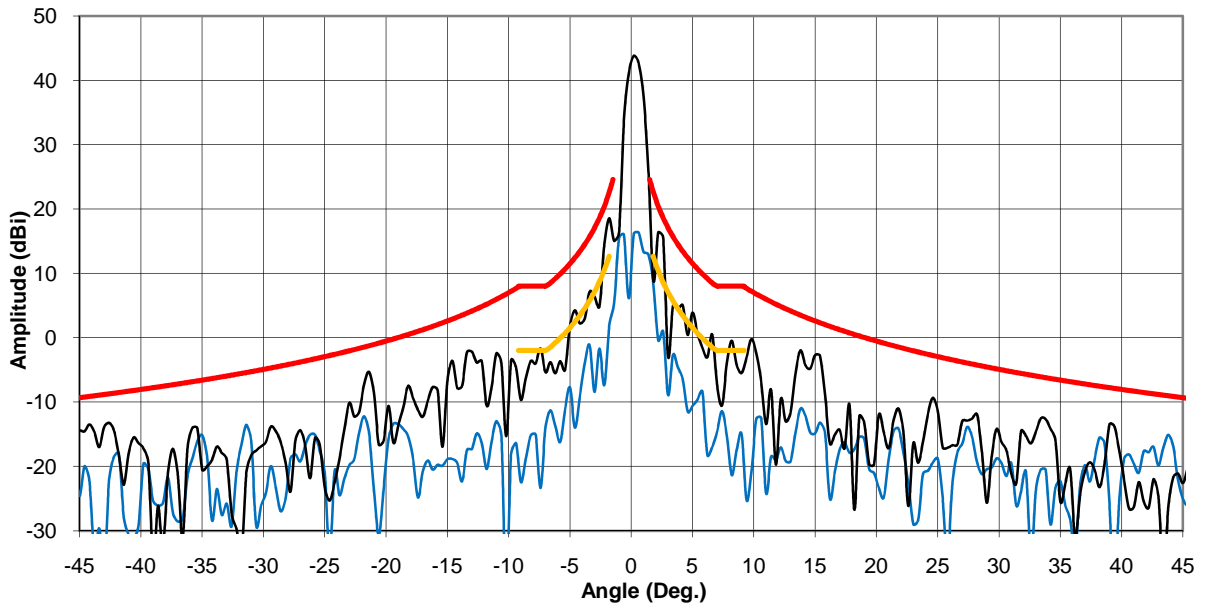
Surfbeam-2 User Terminal
Tx Az 29.10 GHz LHC
Gain = 44.15 dBi



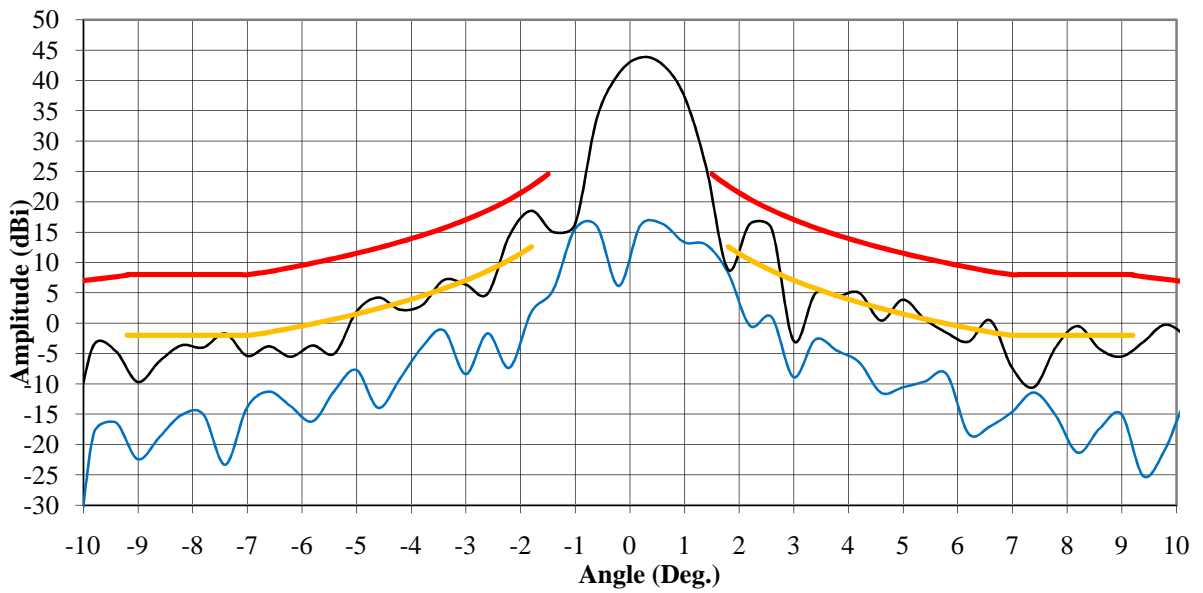
Surfbeam-2 User Terminal
Tx Az 29.10 GHz RHC
Gain = 44.1 dBi



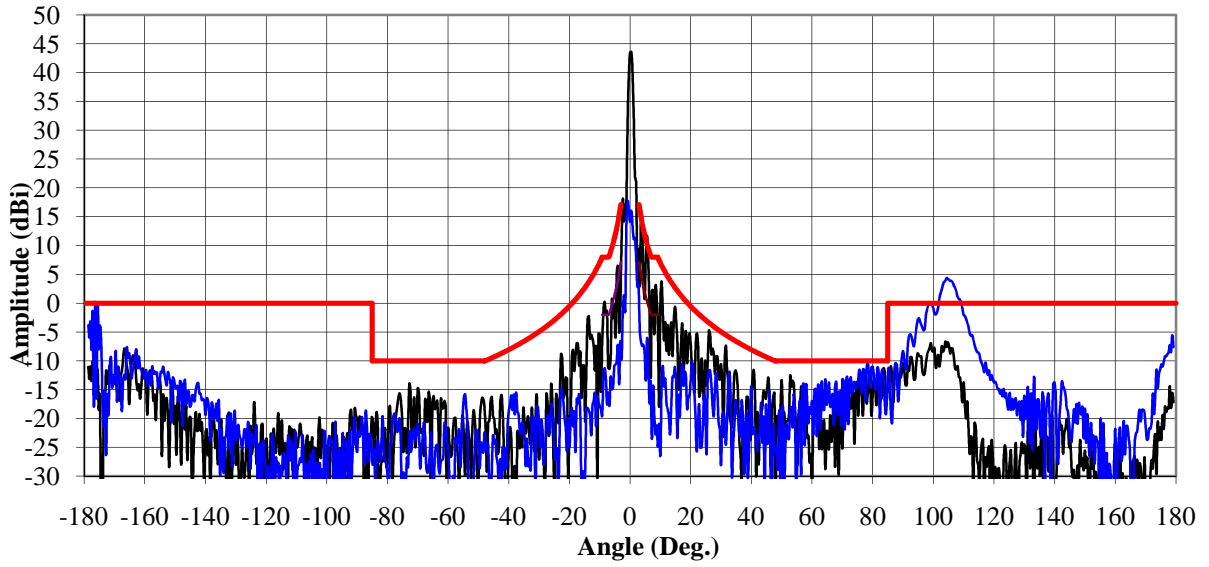
Surfbeam-2 User Terminal
Tx Az 29.10 GHz RHC
Gain = 44.1 dBi



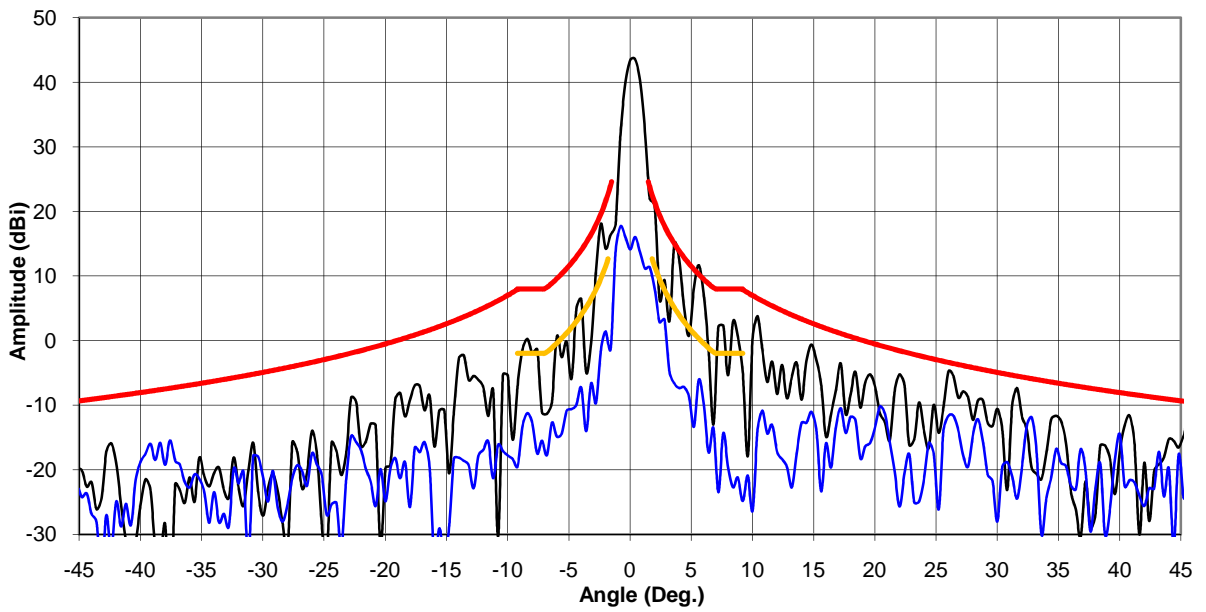
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Tx Az 29.10 GHz RHC
Gain = 44.1 dBi



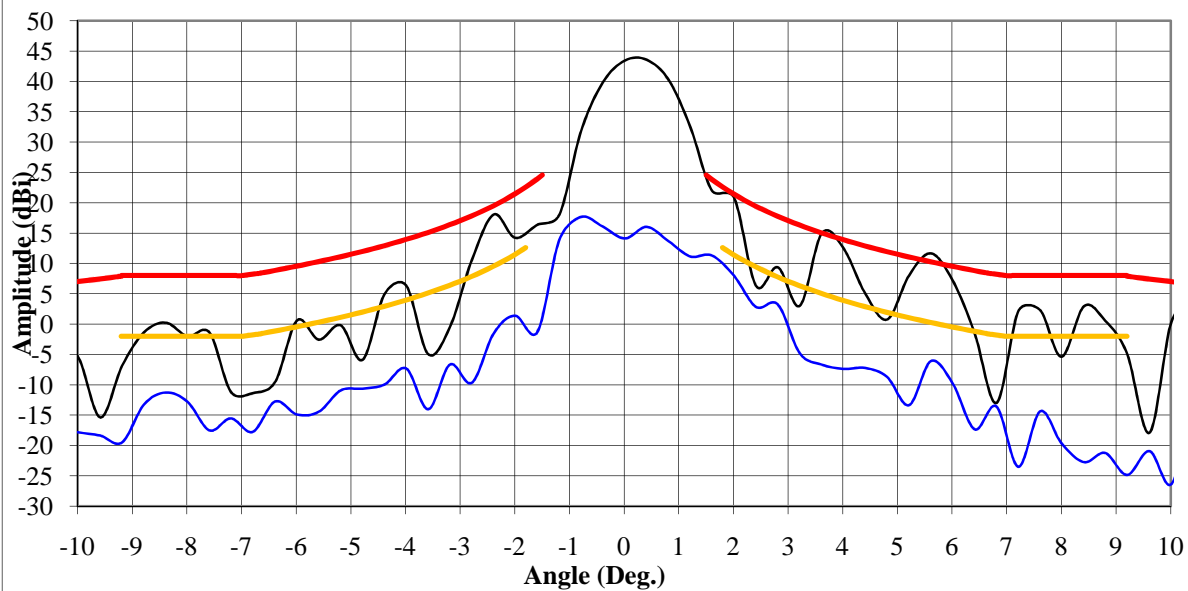
Surfbeam-2 User Terminal
Tx EL 29.10 GHz LHC
Gain = 44.15 dBi



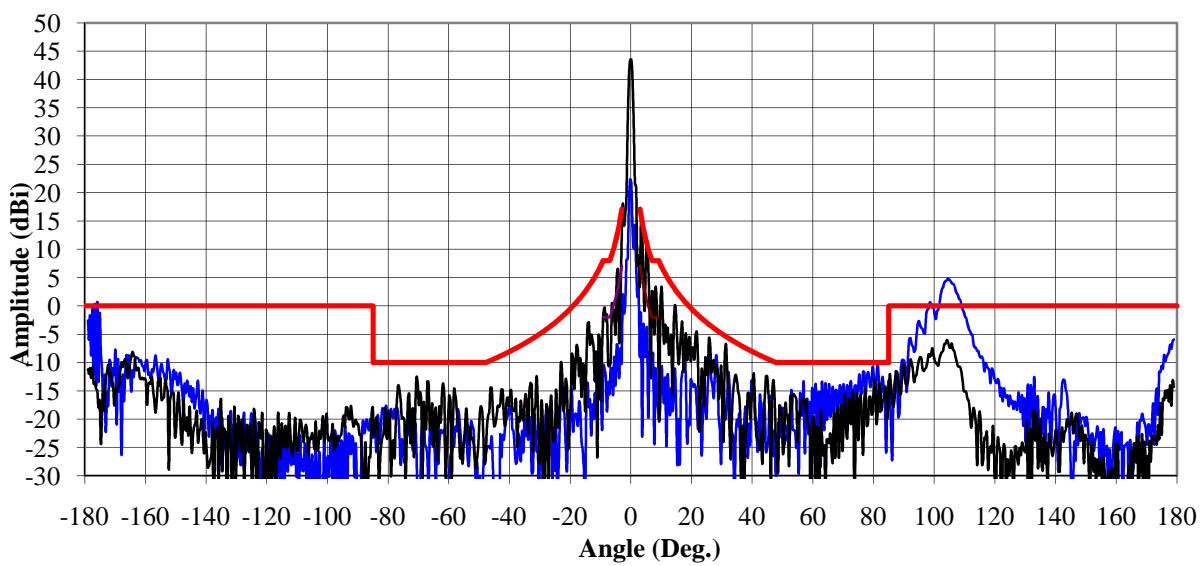
Surfbeam-2 User Terminal
Tx EL 29.10 GHz LHC
Gain = 44.15 dBi



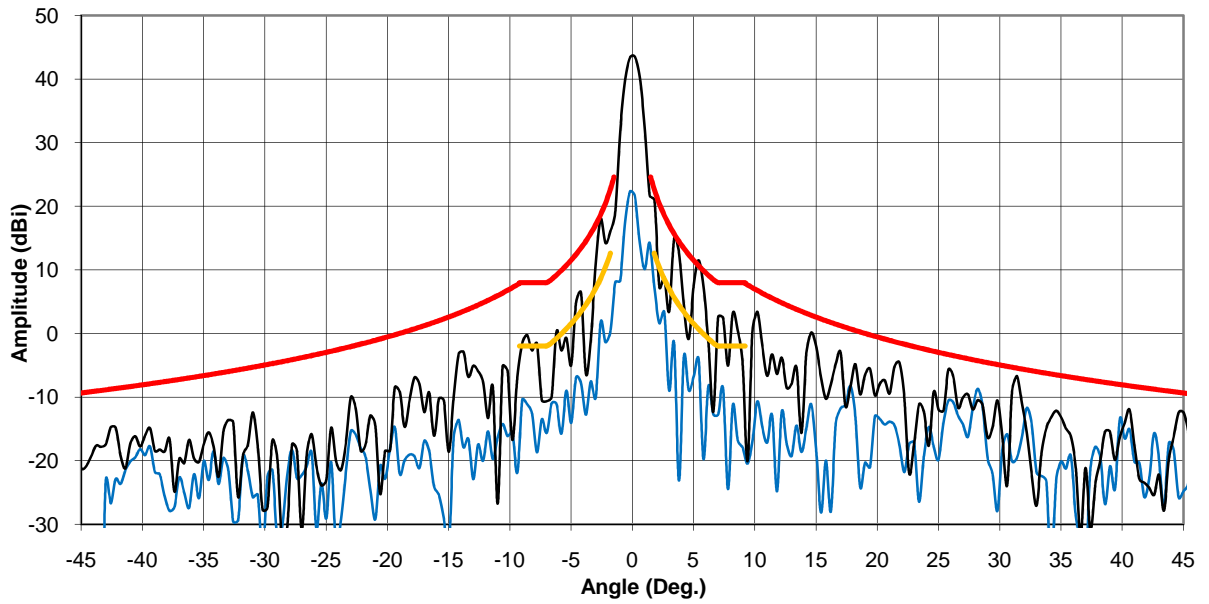
Surfbeam-2 User Terminal
Tx EL 29.10 GHz LHC
Gain = 44.15 dBi



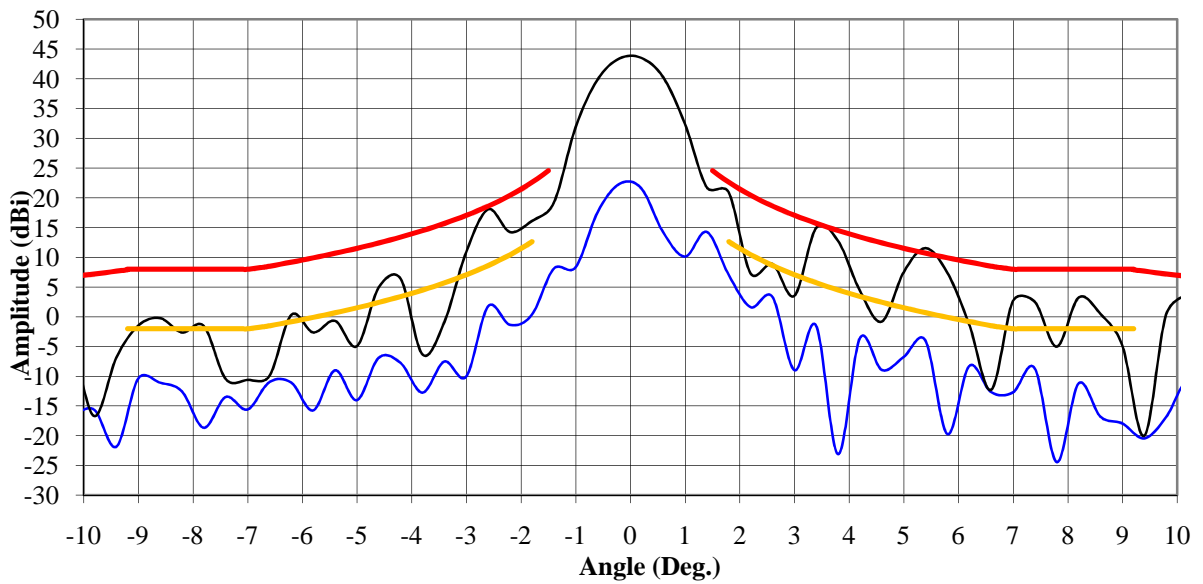
Surfbeam-2 User Terminal
Tx EL 29.10 GHz RHC
Gain = 44.10 dBi



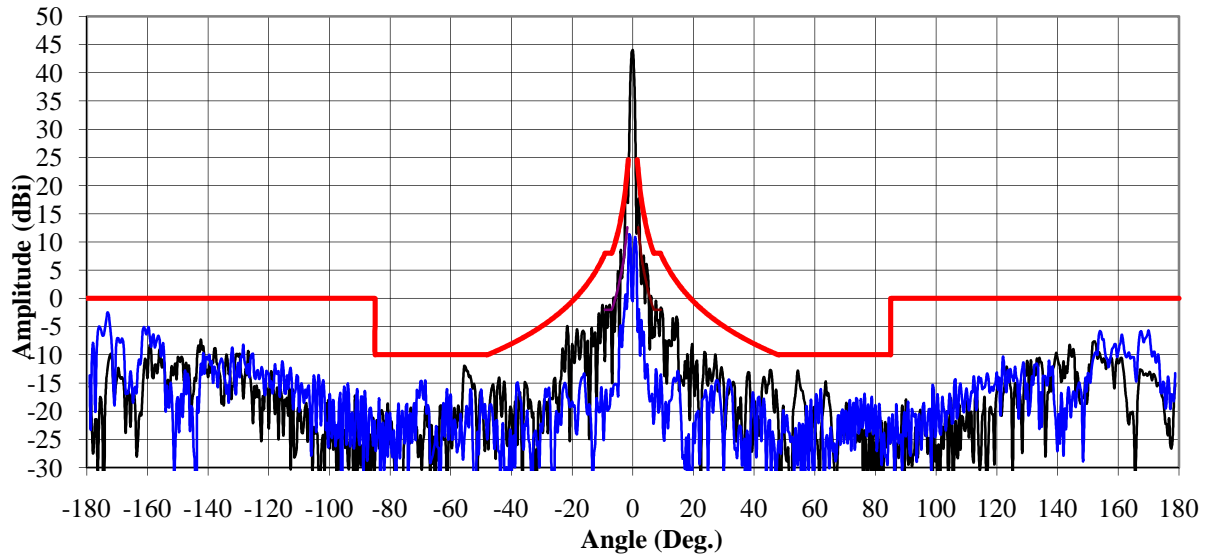
Surfbeam-2 User Terminal
Dish #2 Tx EL 29.10 GHz RHC
Gain = 44.10 dBi



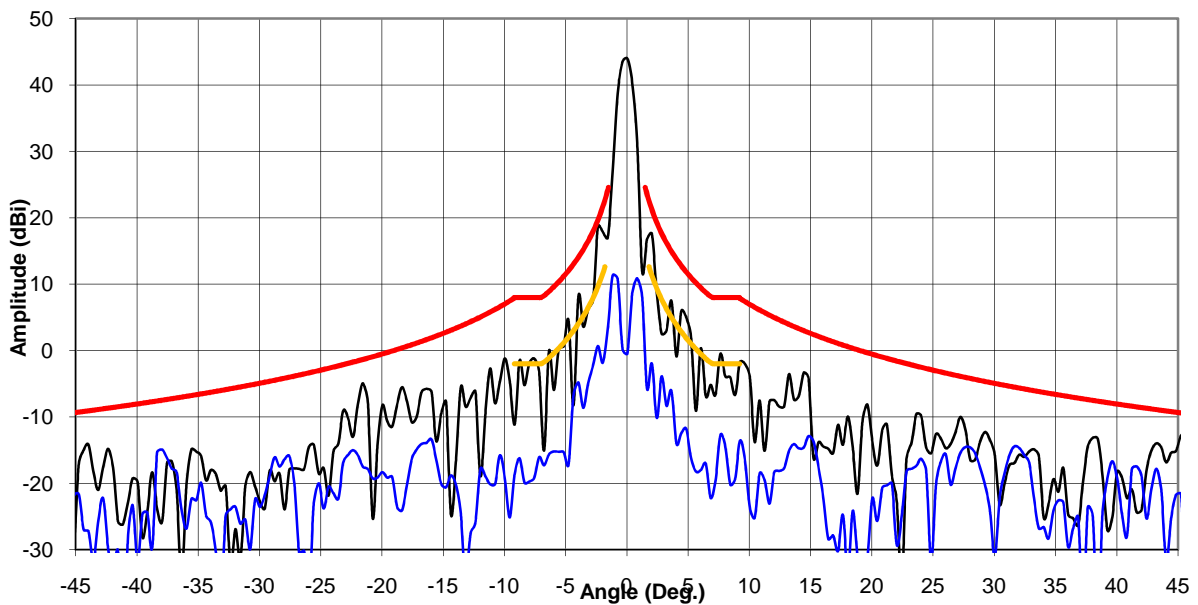
Surfbeam-2 User Terminal
Tx EL 29.10 GHz RHC
Gain = 44.10 dBi



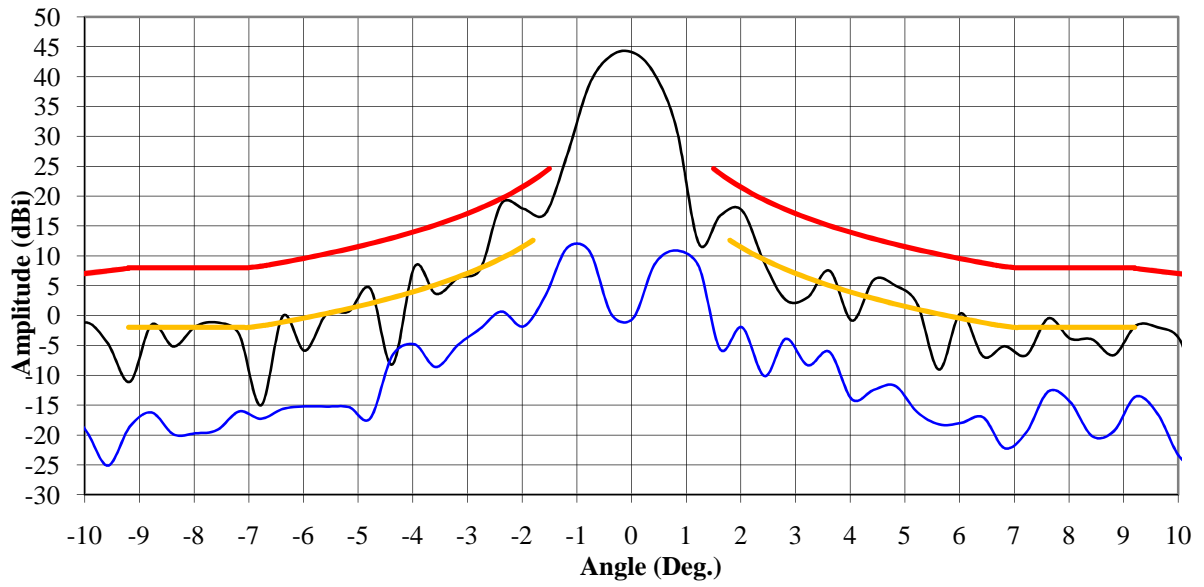
Surfbeam-2 User Terminal
Tx Az 29.50 GHz LHC
Gain = 44.45 dBi



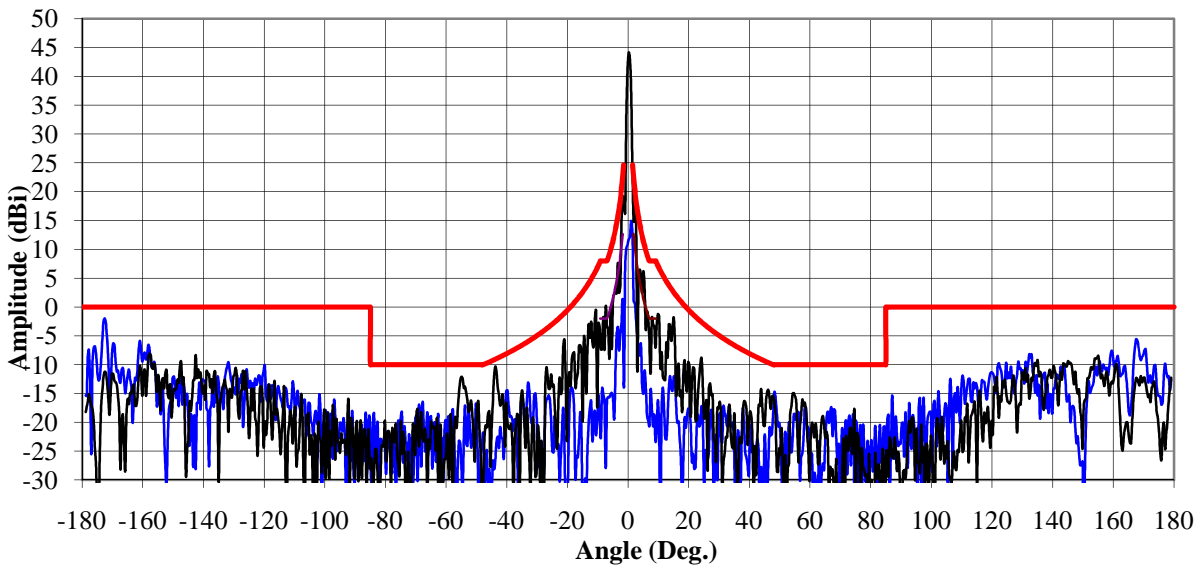
Surfbeam-2 User Terminal
Tx Az 29.50 GHz LHC
Gain = 44.45 dBi



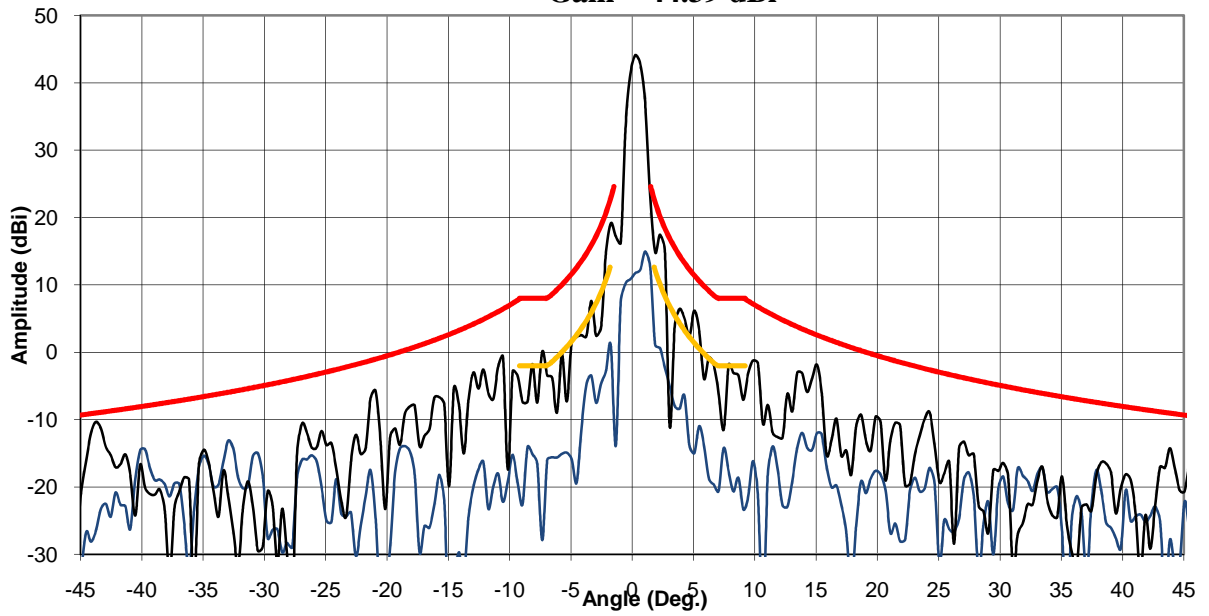
Surfbeam-2 User Terminal
Tx Az 29.50 GHz LHC
Gain = 44.45 dBi



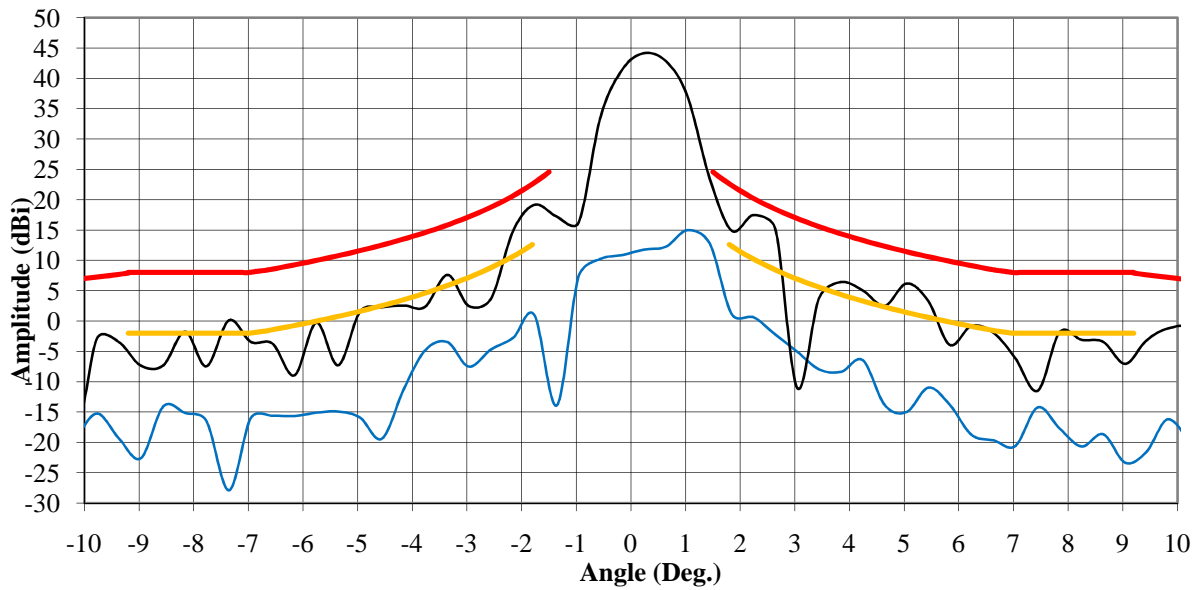
Surfbeam-2 User Terminal
Tx Az 29.50 GHz RHC
Gain = 44.39 dBi



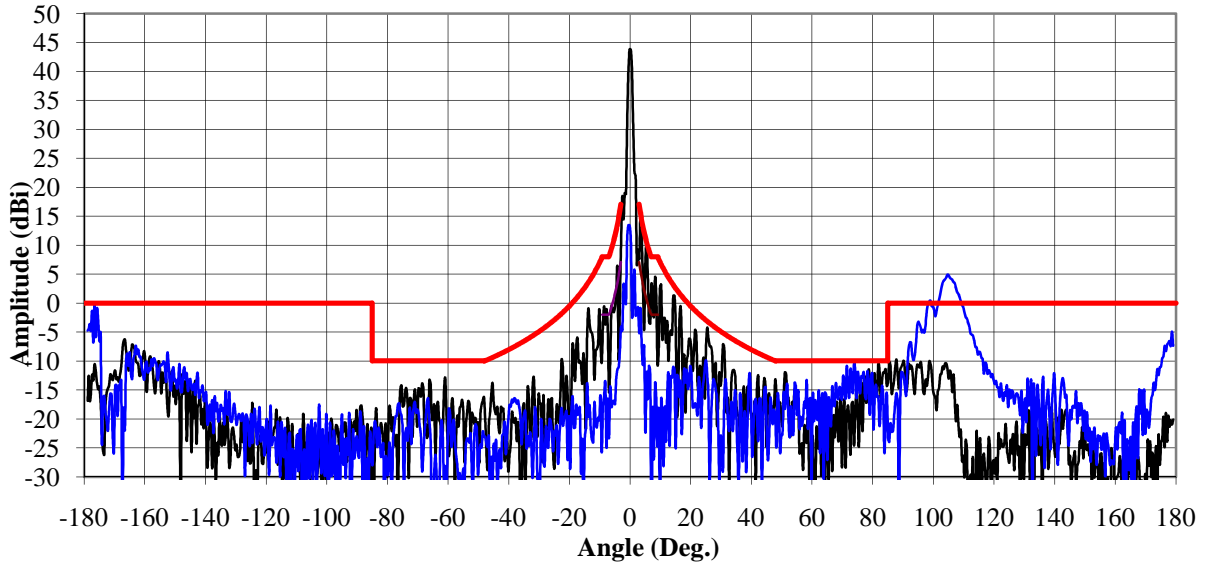
Surfbeam-2 User Terminal
Tx Az 29.50 GHz RHC
Gain = 44.39 dBi



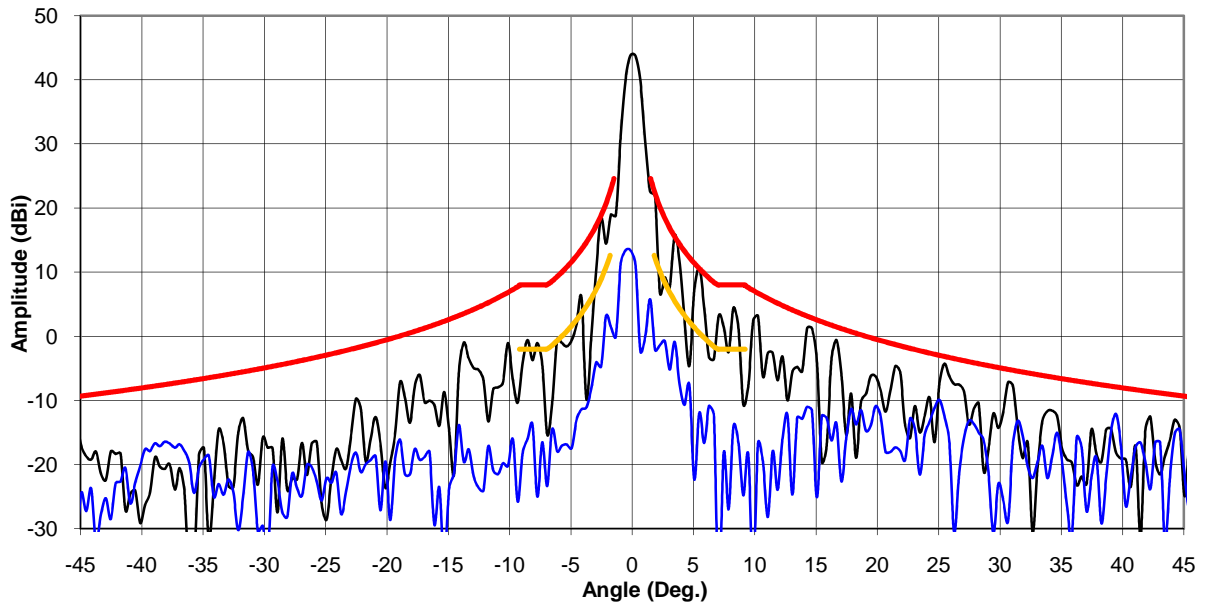
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Tx Az 29.50 GHz RHC
Gain = 44.39 dBi



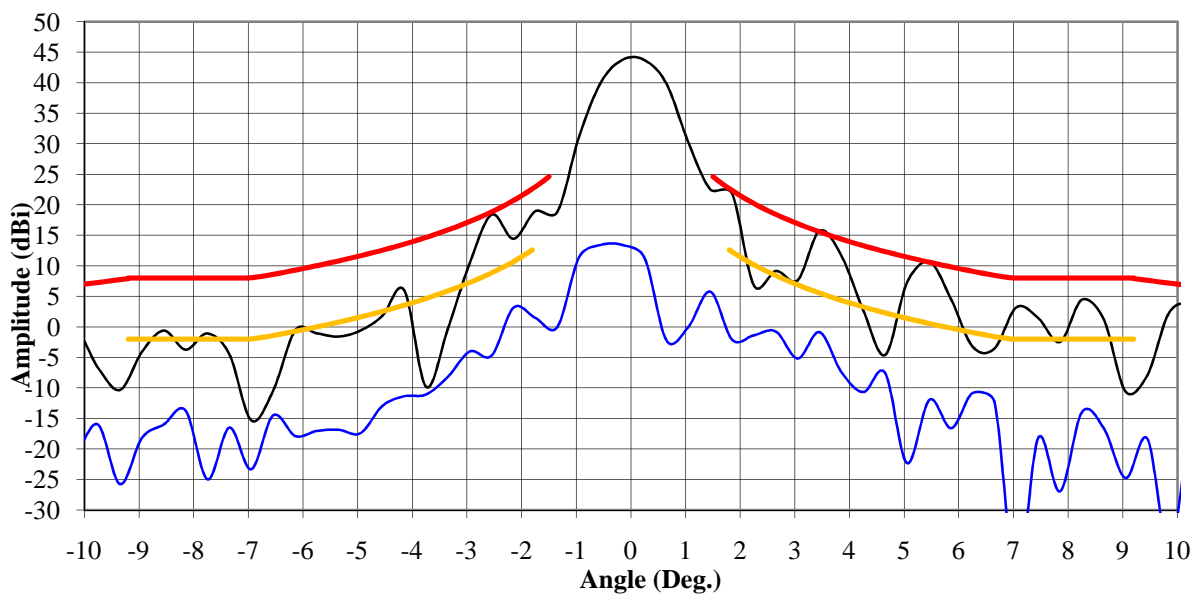
Surfbeam-2 User Terminal
Tx EL 29.50 GHz LHC
Gain = 44.45 dBi



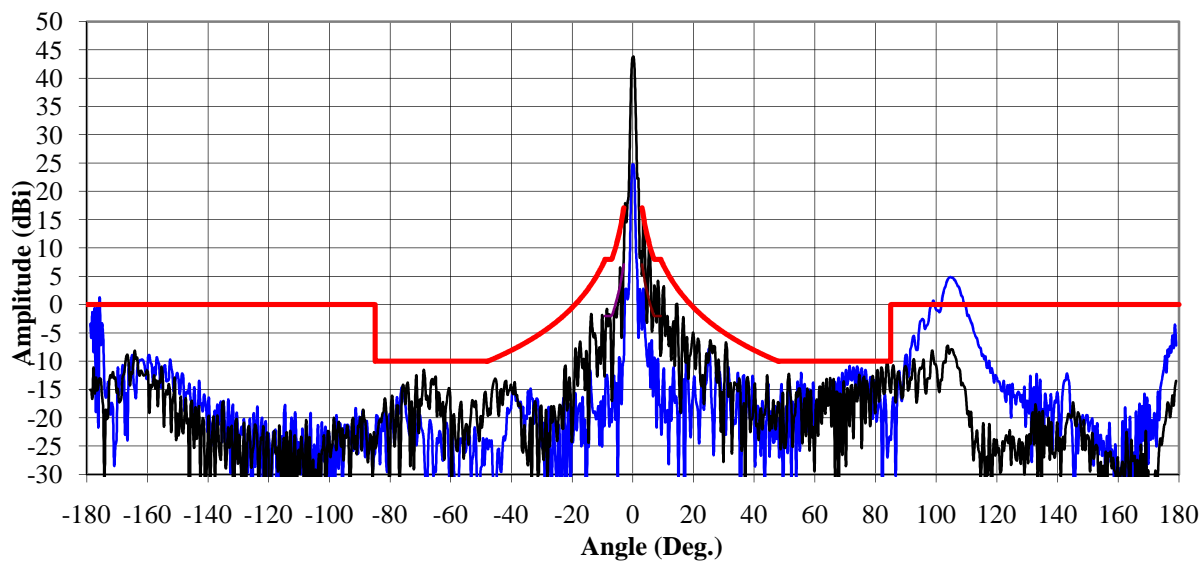
Surfbeam-2 User Terminal
Tx EL 29.50 GHz LHC
Gain = 44.45 dBi



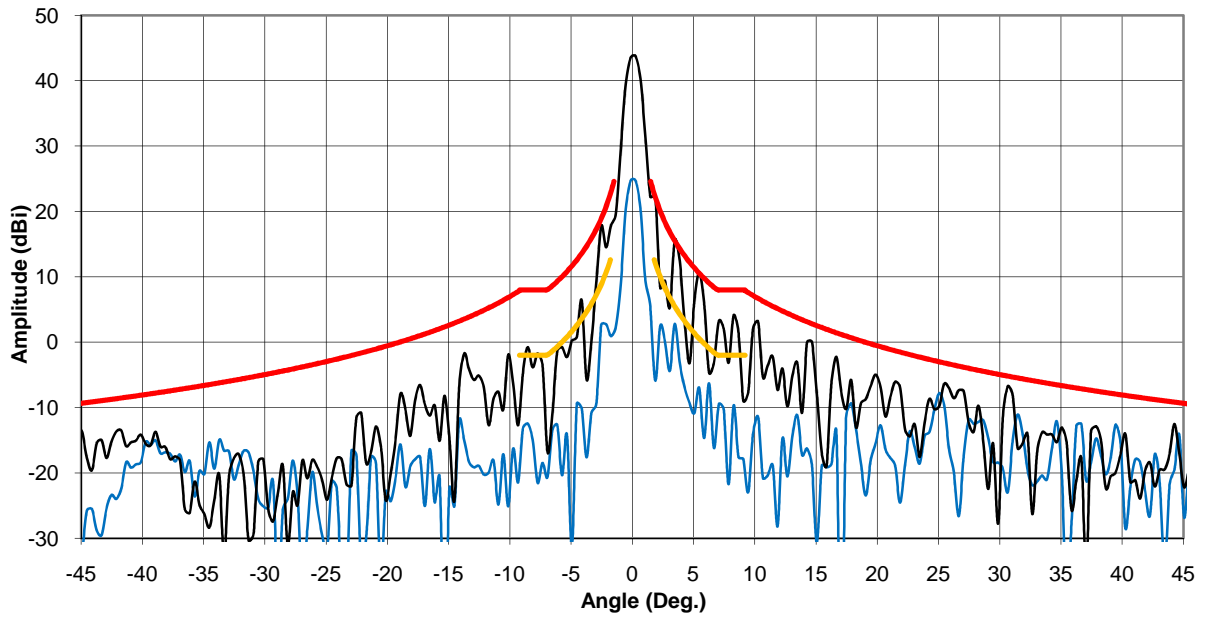
Surfbeam-2 User Terminal
Tx EL 29.50 GHz LHC
Gain = 44.45 dBi



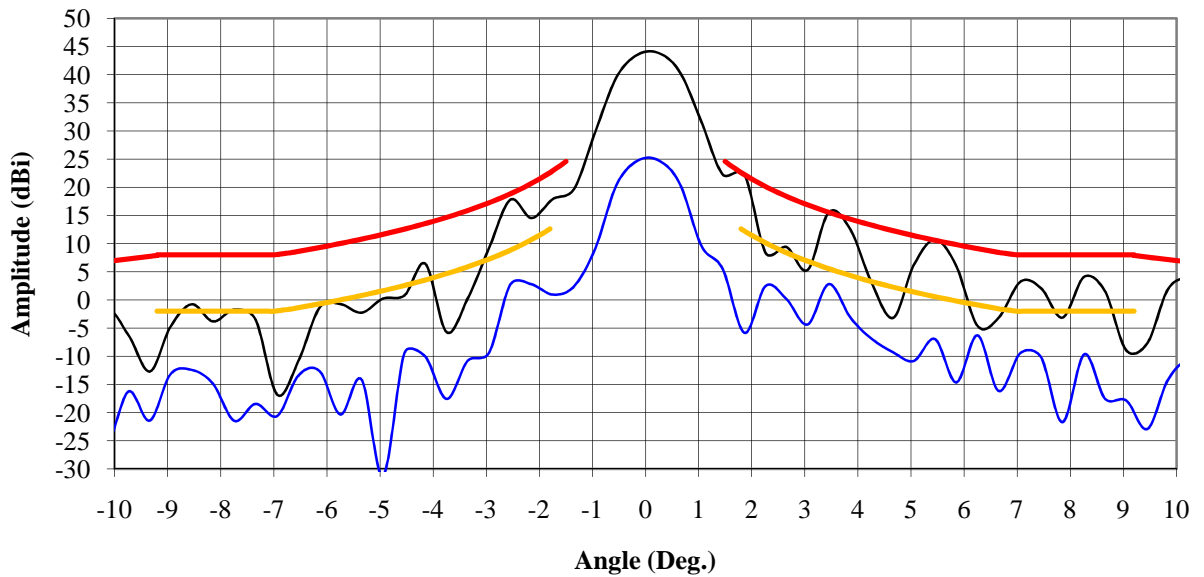
Surfbeam-2 User Terminal
Tx EL 29.50 GHz RHC
Gain = 44.39 dBi



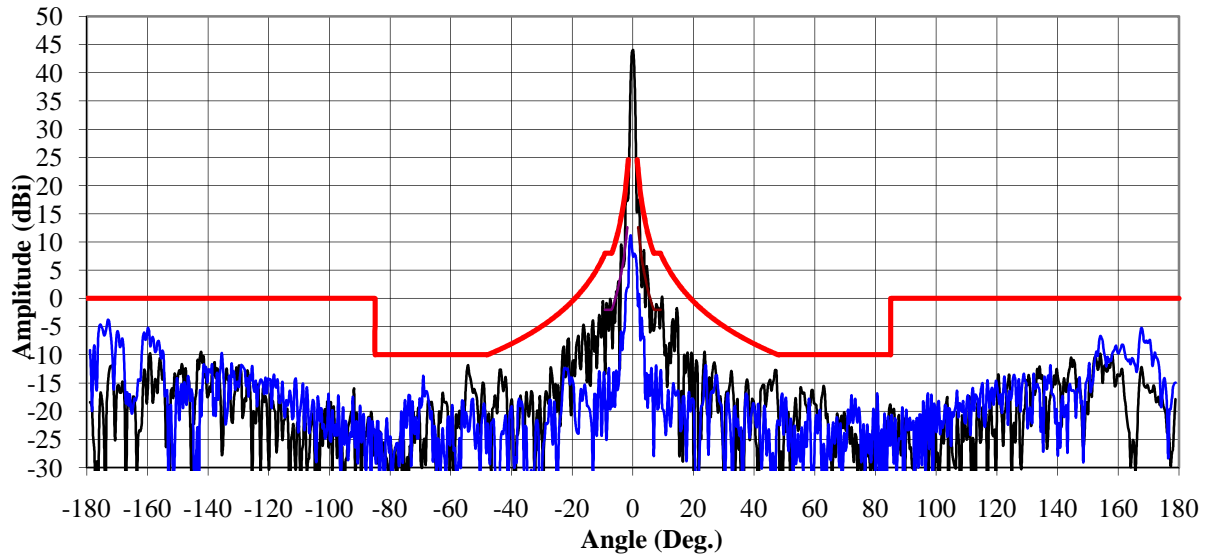
Surfbeam-2 User Terminal
Tx EL 29.50 GHz RHC
Gain = 44.39 dBi



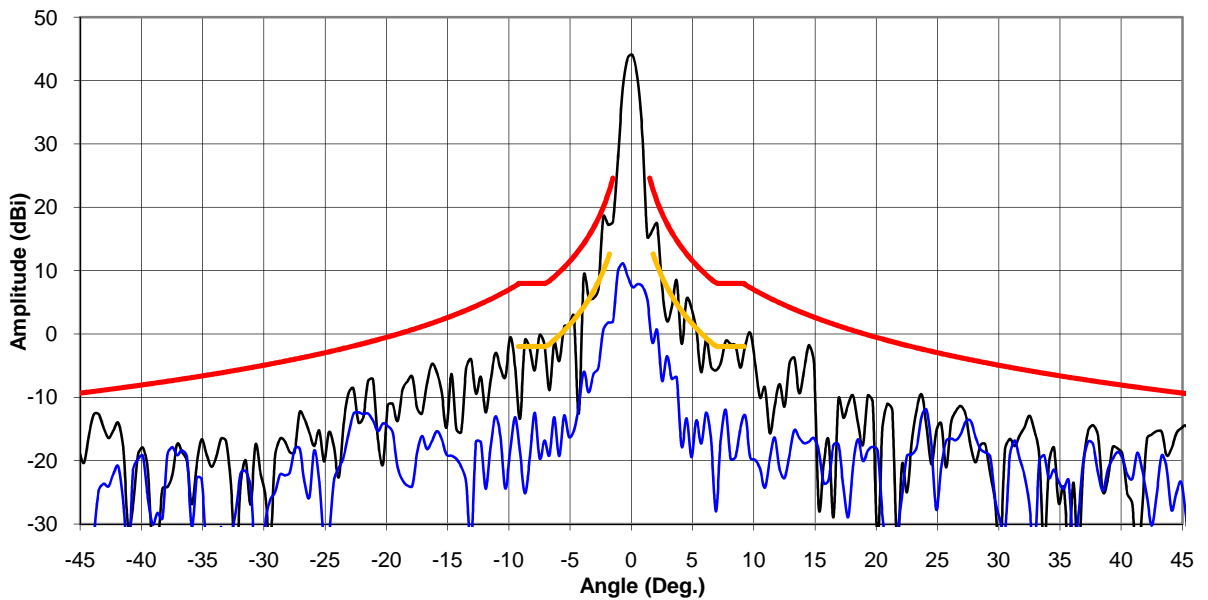
Surfbeam-2 User Terminal
Tx EL 29.50 GHz RHC
Gain = 44.39 dBi



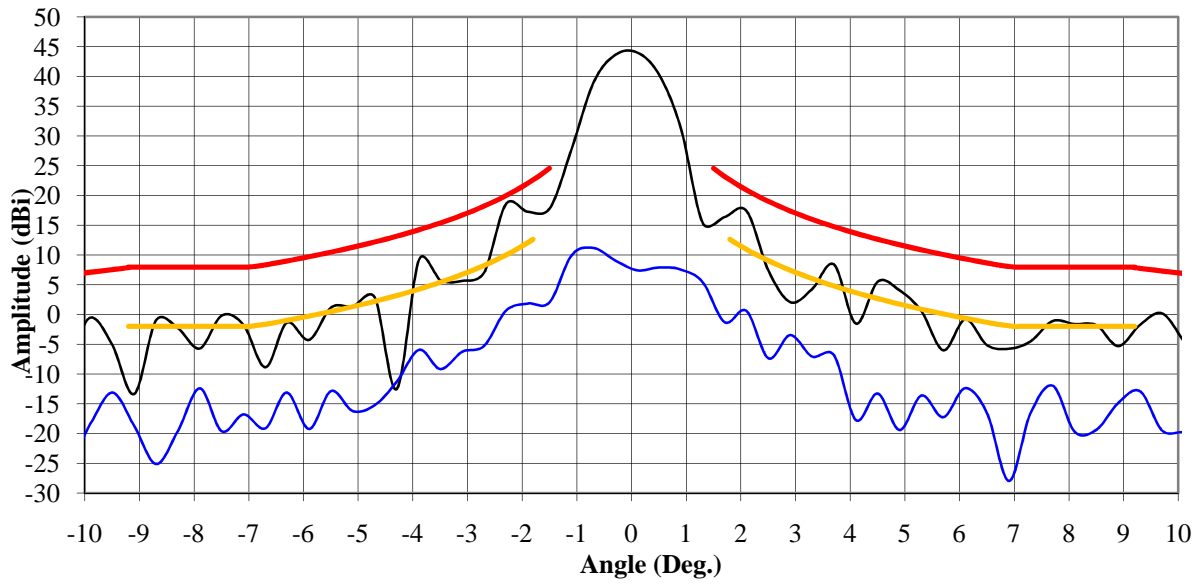
Surfbeam-2 User Terminal
Tx Az 29.75 GHz LHC
Gain = 44.48 dBi



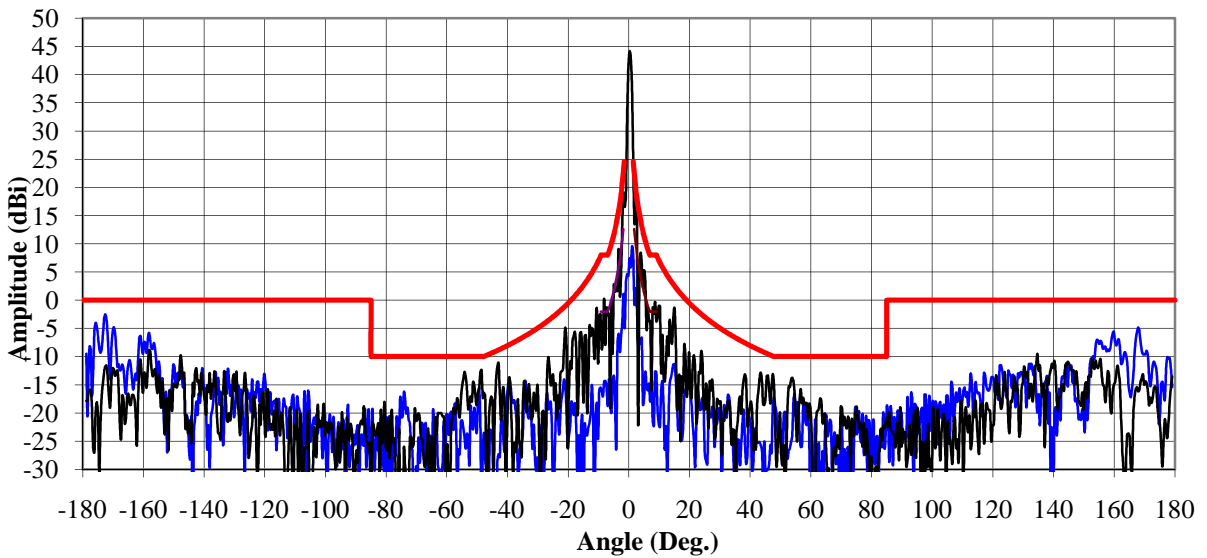
Surfbeam-2 User Terminal
Tx Az 29.75 GHz LHC
Gain = 44.48 dBi



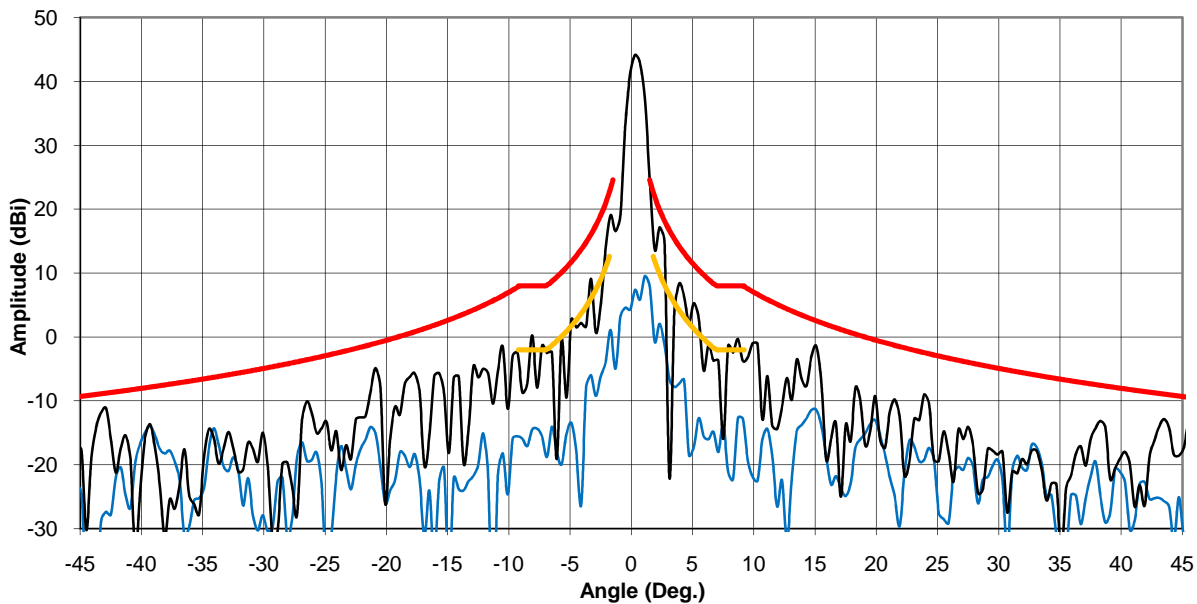
Surfbeam-2 User Terminal
Tx Az 29.75 GHz LHC
Gain = 44.48 dBi



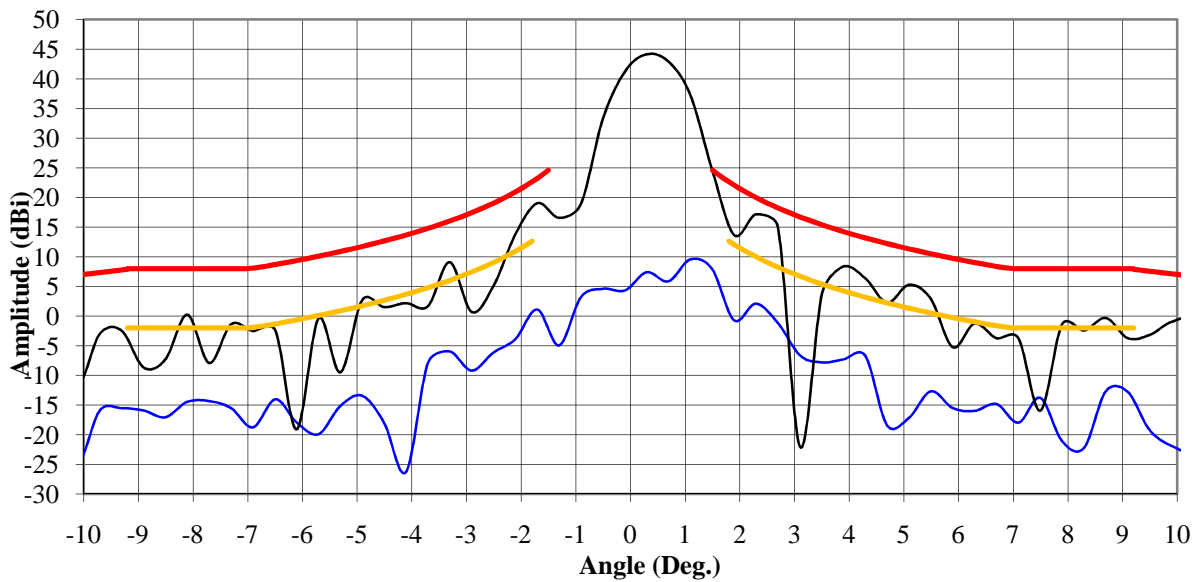
Surfbeam-2 User Terminal
Tx Az 29.75 GHz RHC
Gain = 44.44 dBi



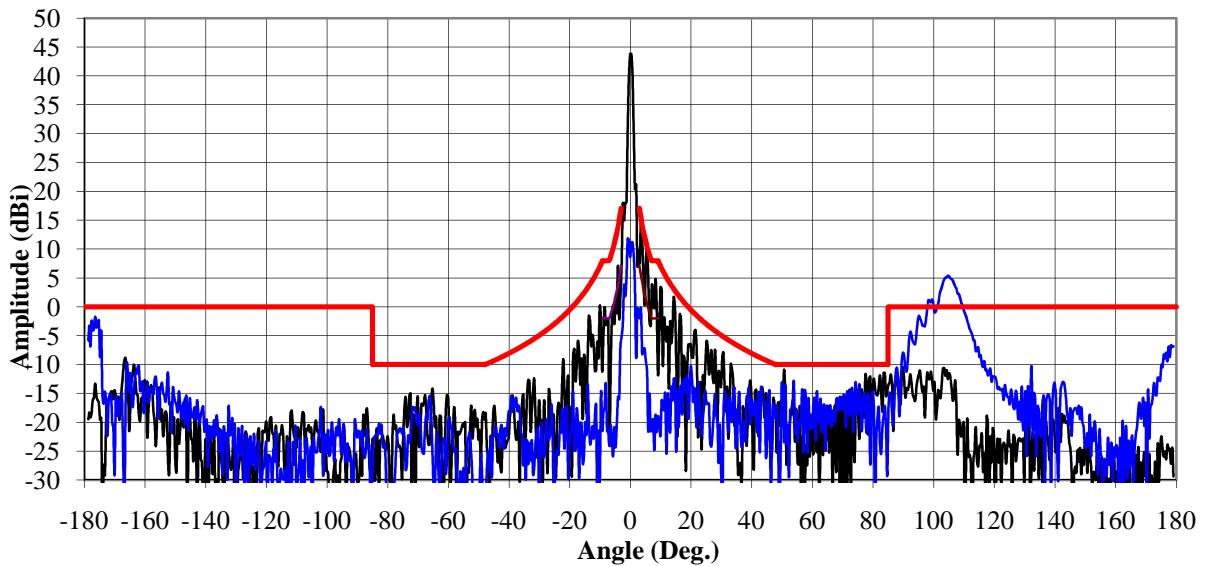
Surfbeam-2 User Terminal
Tx Az 29.75 GHz RHC
Gain = 44.44 dBi



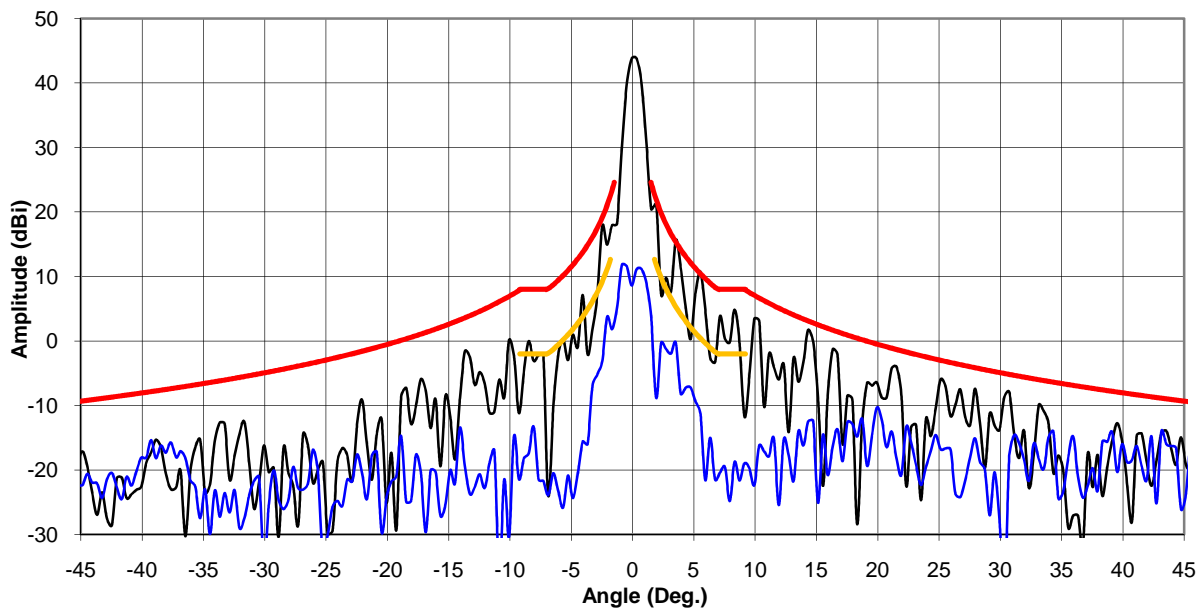
Surfbeam-2 User Terminal
Tx Az 29.75 GHz RHC
Gain = 44.44 dBi



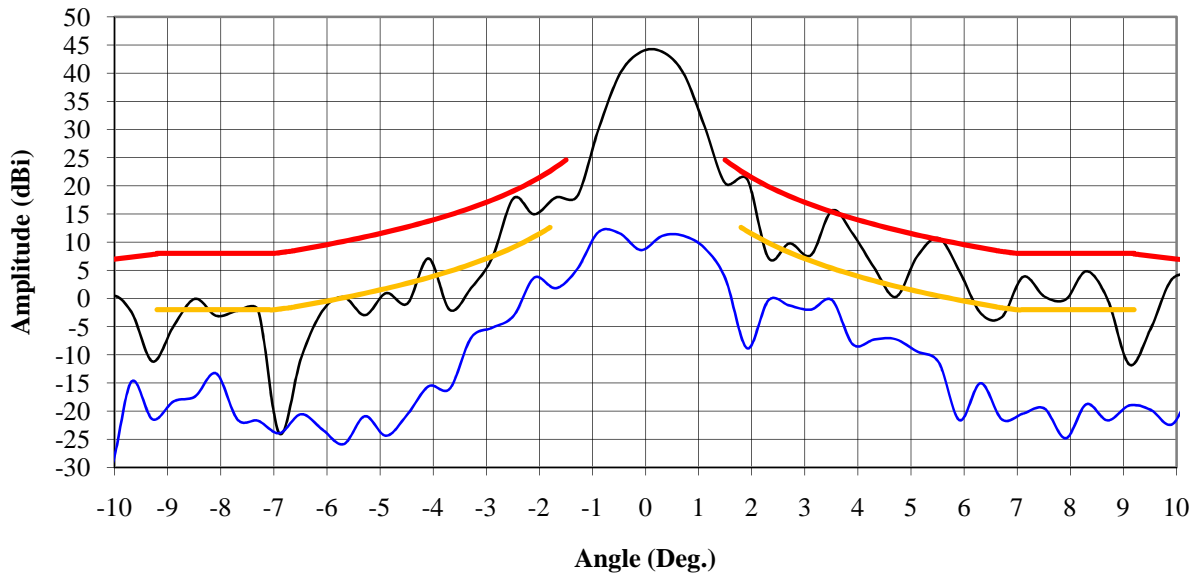
Surfbeam-2 User Terminal
Tx EL 29.75 GHz LHC
Gain = 44.48 dBi



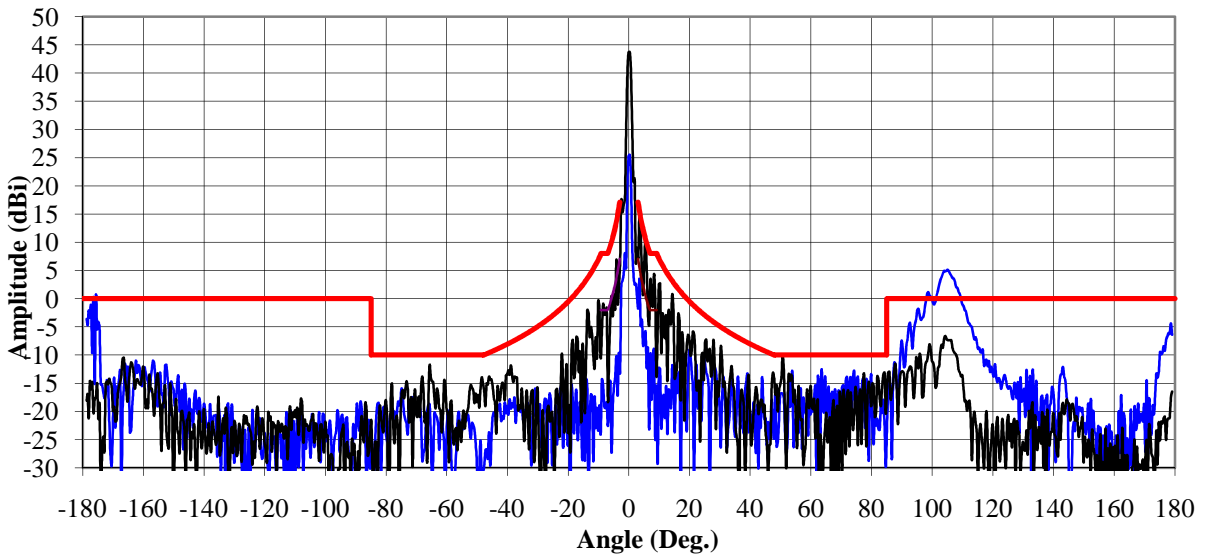
Surfbeam-2 User Terminal
Tx EL 29.75 GHz LHC
Gain = 44.48 dBi



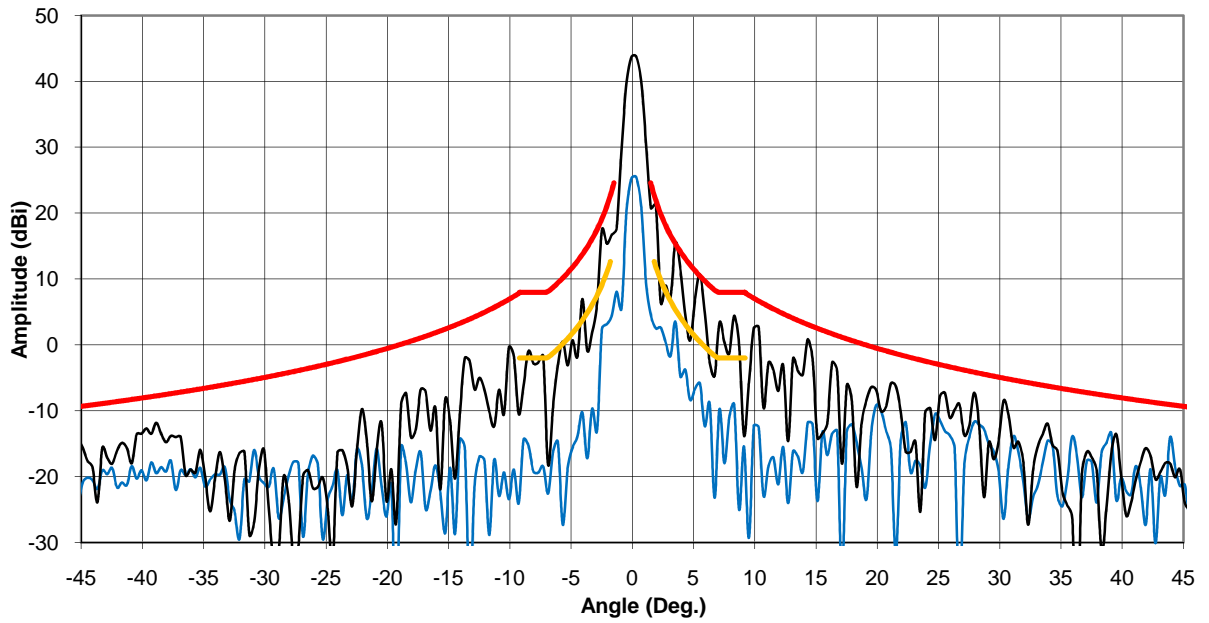
Surfbeam-2 User Terminal
Tx EL 29.75 GHz LHC
Gain = 44.48 dBi



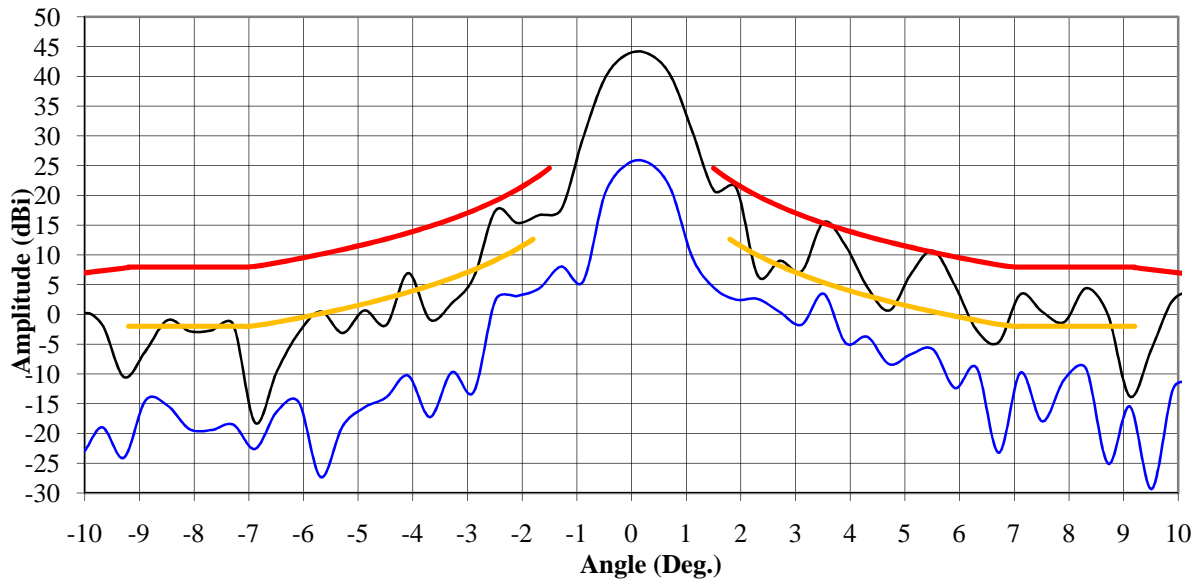
Surfbeam-2 User Terminal
Tx EL 29.75 GHz RHC
Gain = 44.44 dBi



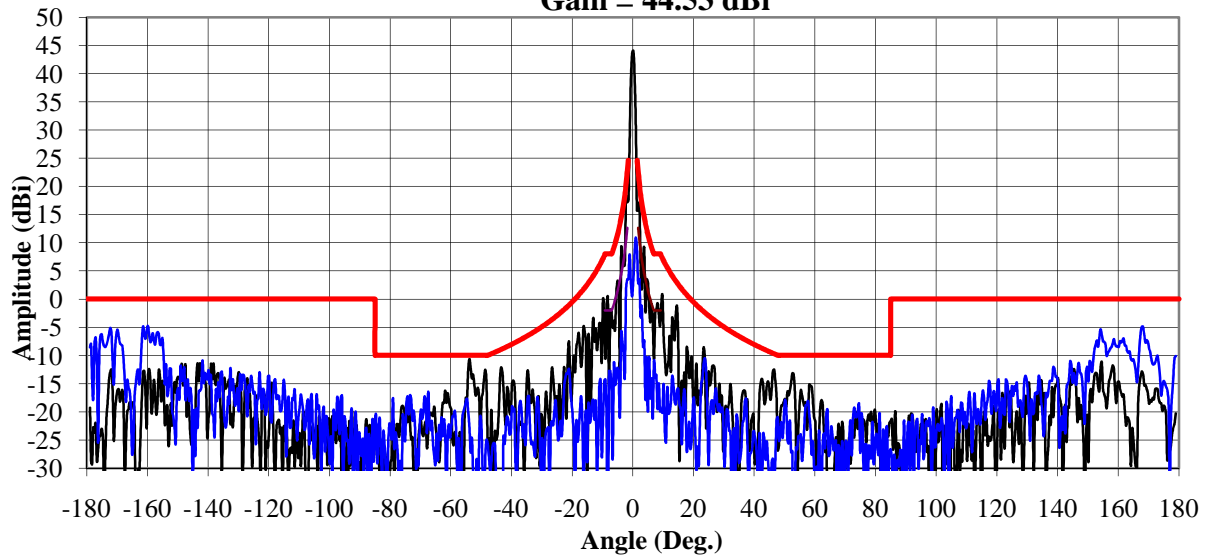
Surfbeam-2 User Terminal
Tx EL 29.75 GHz RHC
Gain = 44.44 dBi



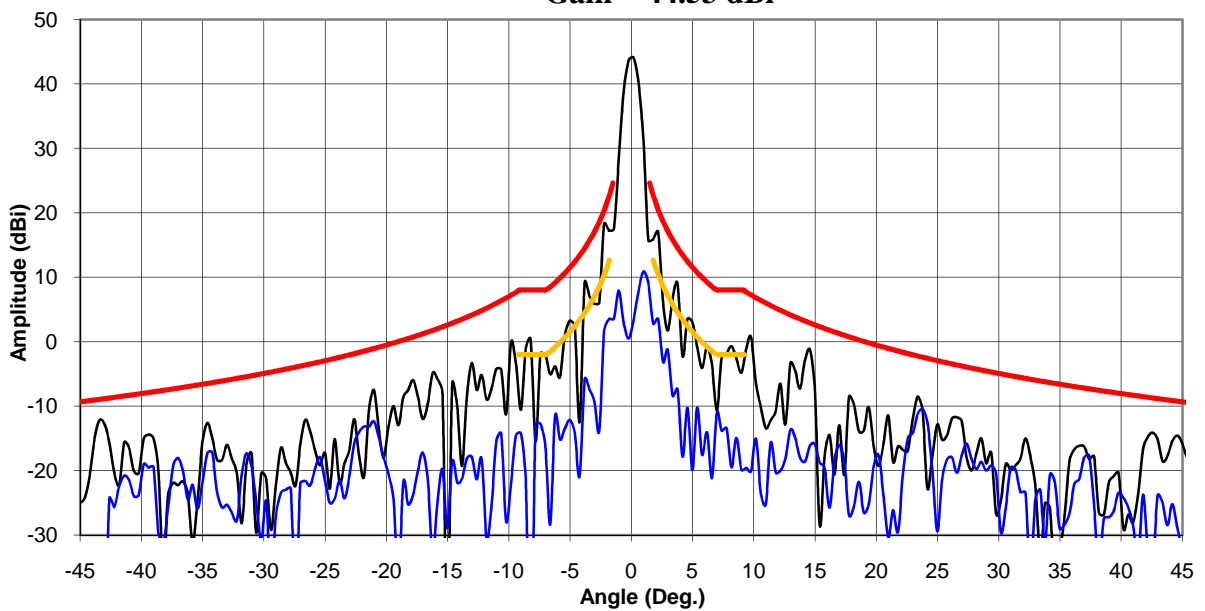
Surfbeam-2 User Terminal
Tx EL 29.75 GHz RHC
Gain = 44.44 dBi



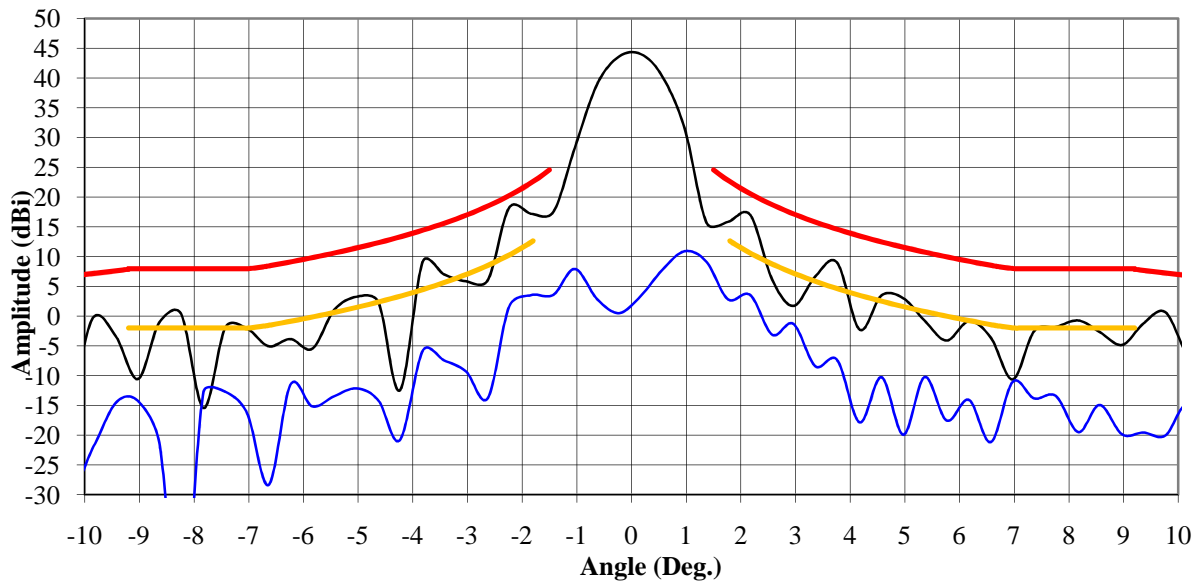
Surfbeam-2 User Terminal
Tx Az 30.00 GHz LHC
Gain = 44.53 dBi



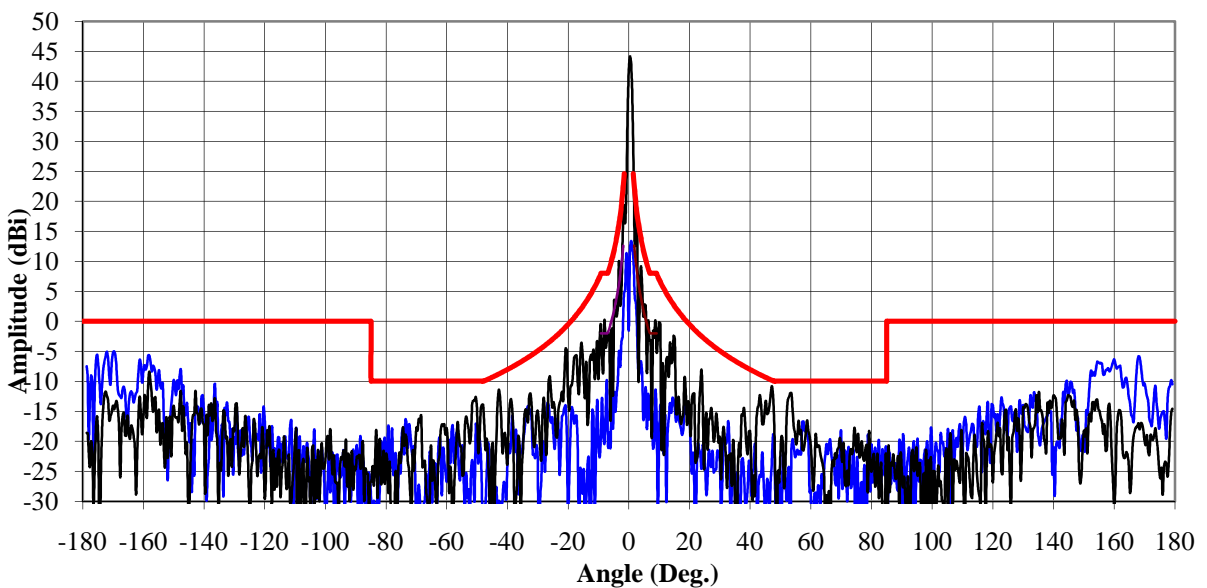
Surfbeam-2 User Terminal
Tx Az 30.00 GHz LHC
Gain = 44.53 dBi



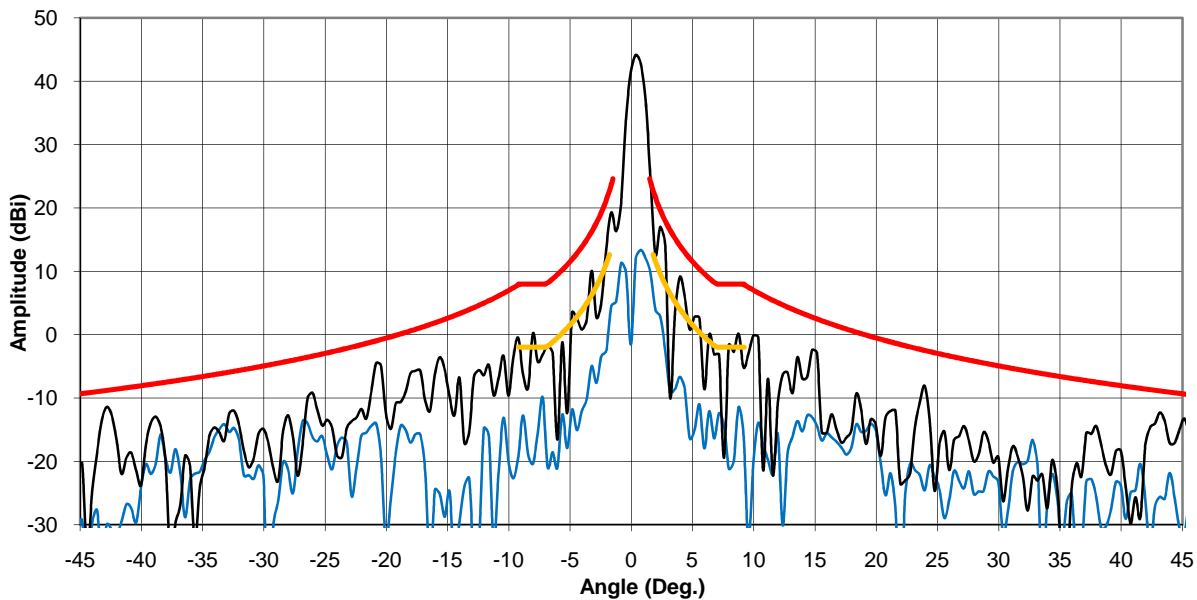
Surfbeam-2 User Terminal
Tx Az 30.00 GHz LHC
Gain = 44.53 dBi



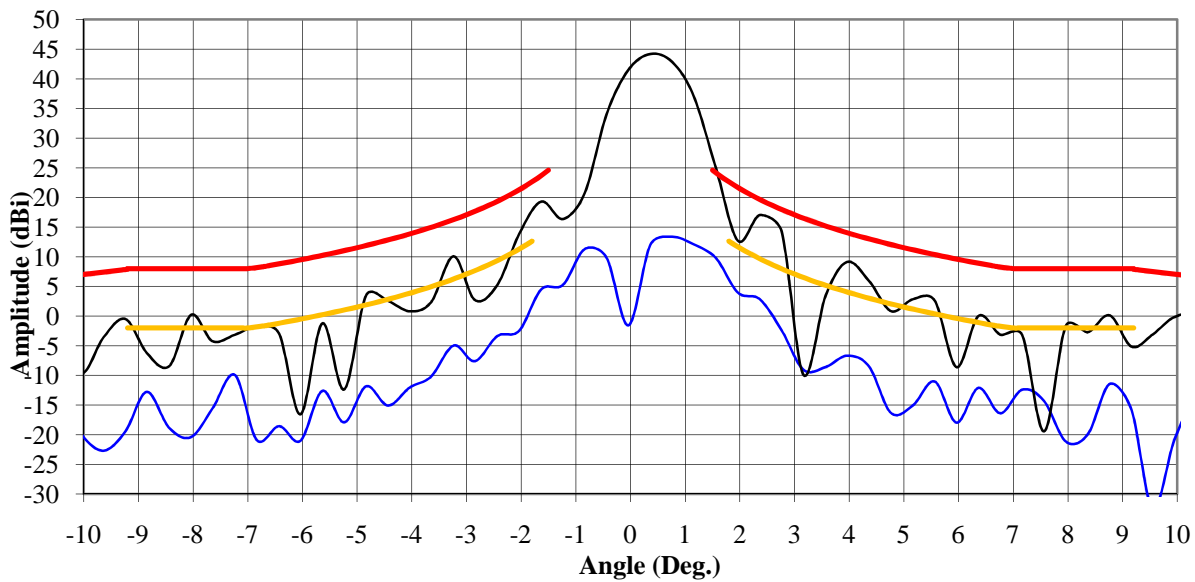
Surfbeam-2 User Terminal
Tx Az 30.00 GHz RHC
Gain = 44.47 dBi



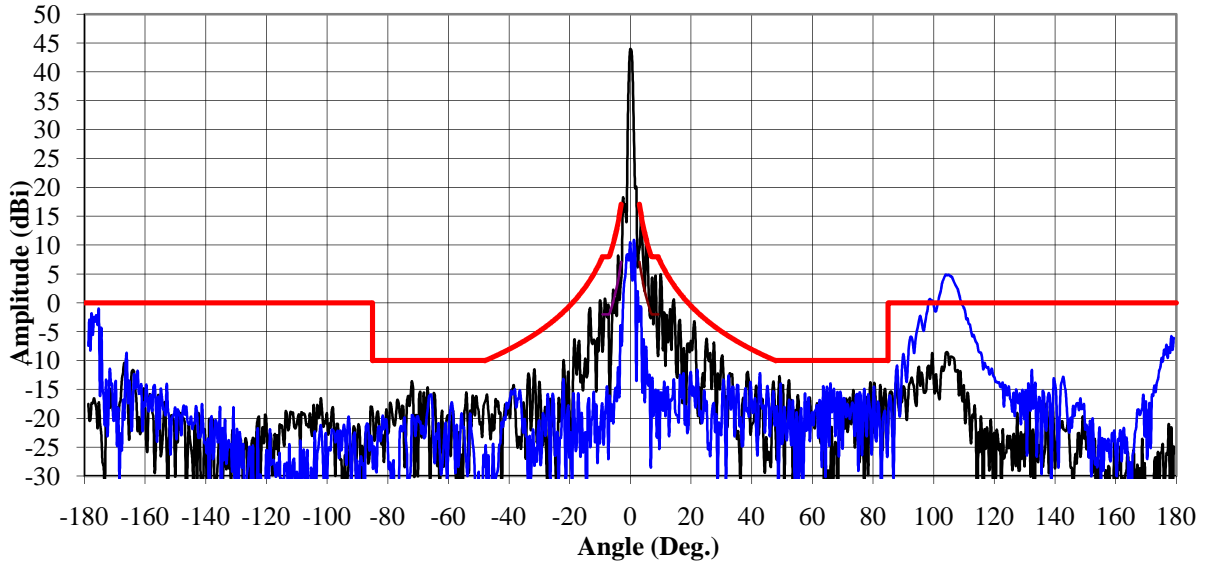
Surfbeam-2 User Terminal
Tx Az 30.00 GHz RHC
Gain = 44.47 dBi



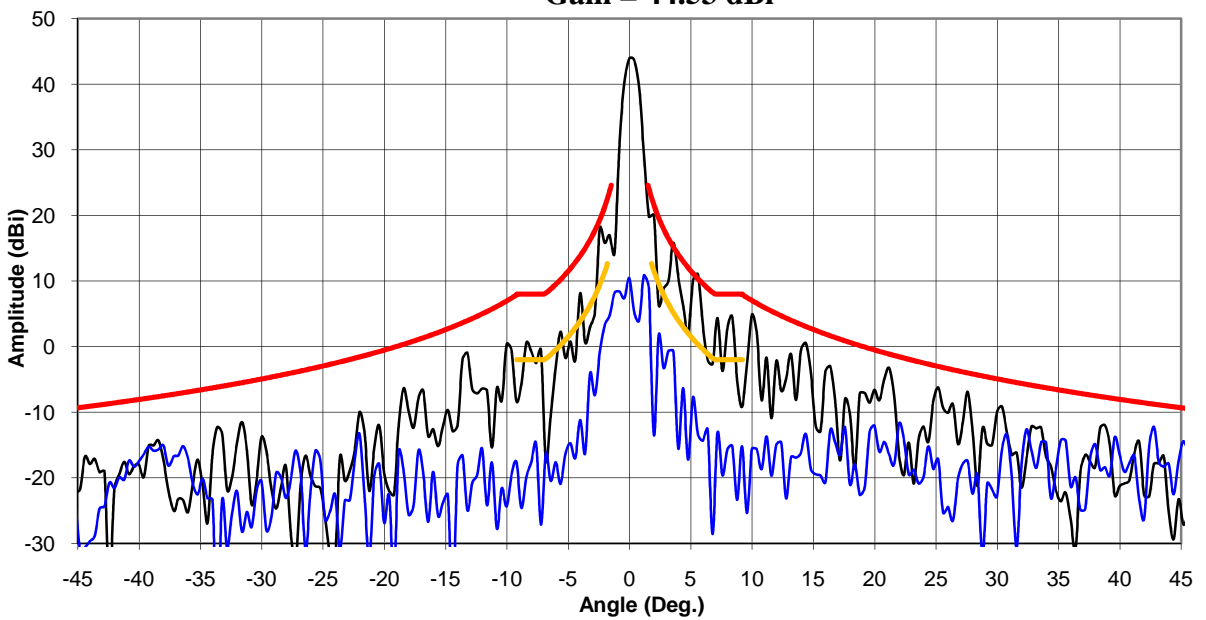
Surfbeam-2 User Terminal
Tx Az 30.00 GHz RHC
Gain = 44.47 dBi



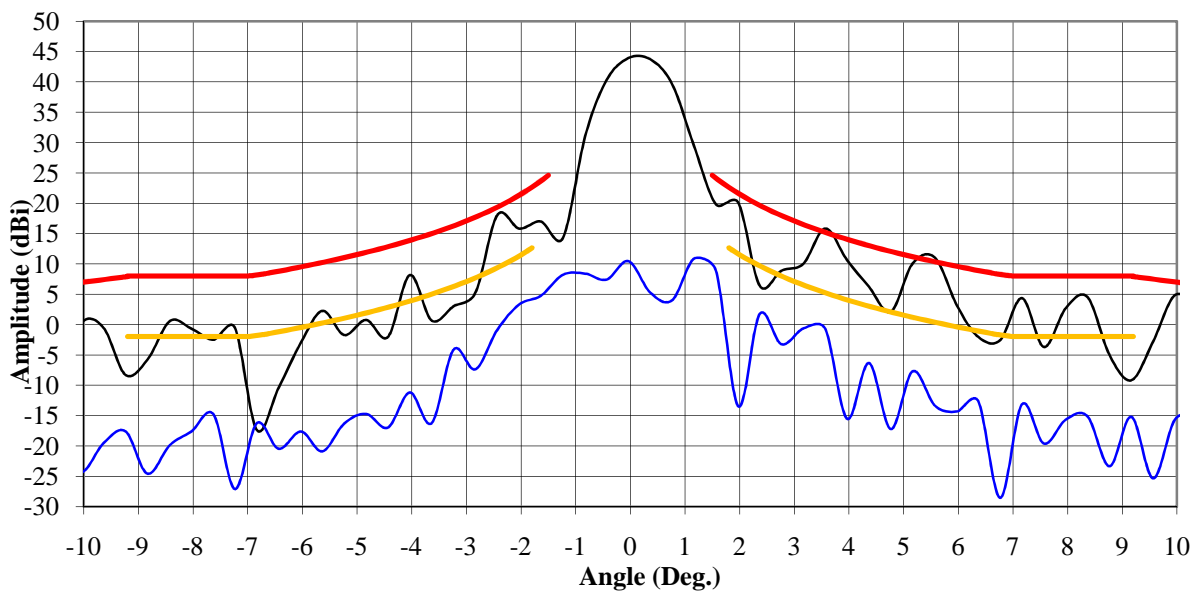
Surfbeam-2 User Terminal
Tx EL 30.00 GHz LHC
Gain = 44.53 dBi



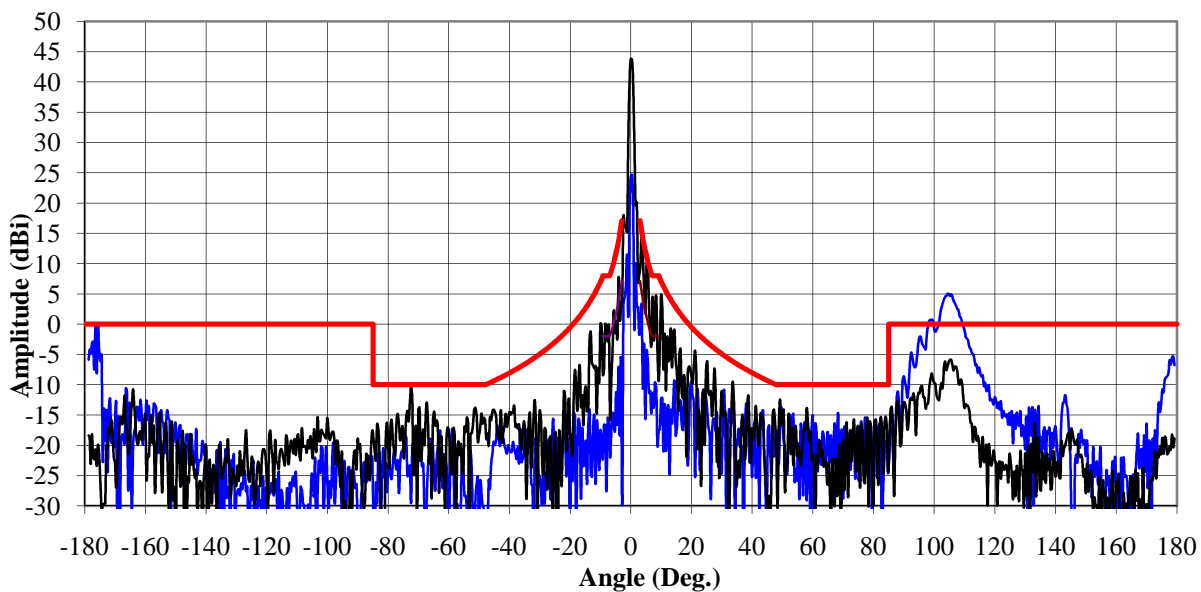
Surfbeam-2 User Terminal
Tx EL 30.00 GHz LHC
Gain = 44.53 dBi



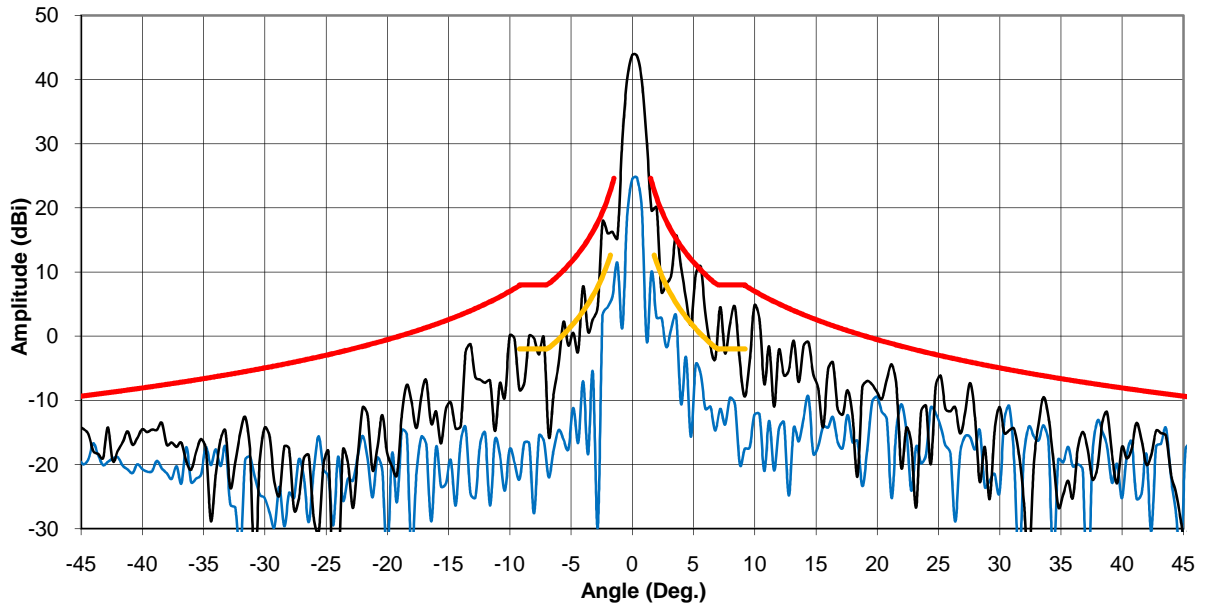
Surfbeam-2 User Terminal
Tx EL 30.00 GHz LHC
Gain = 44.53 dBi



Surfbeam-2 User Terminal
Tx EL 30.00 GHz RHC
Gain = 44.47 dBi



Surfbeam-2 User Terminal
Tx EL 30.00 GHz RHC
Gain = 44.47 dBi



Surfbeam-2 User Terminal
Tx EL 30.00 GHz RHC
Gain = 44.47 dBi

