

## Exhibit B – Antenna RX Gain Patterns

Plot notes:

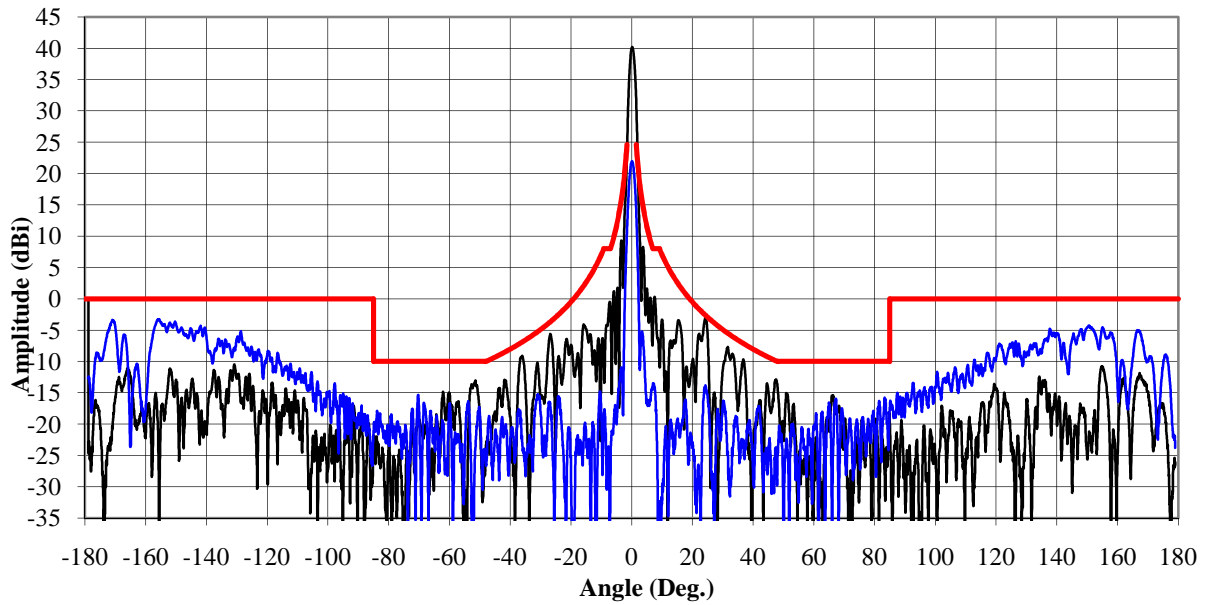
Black trace is co-polarization gain pattern

Blue trace is cross-polarization gain pattern

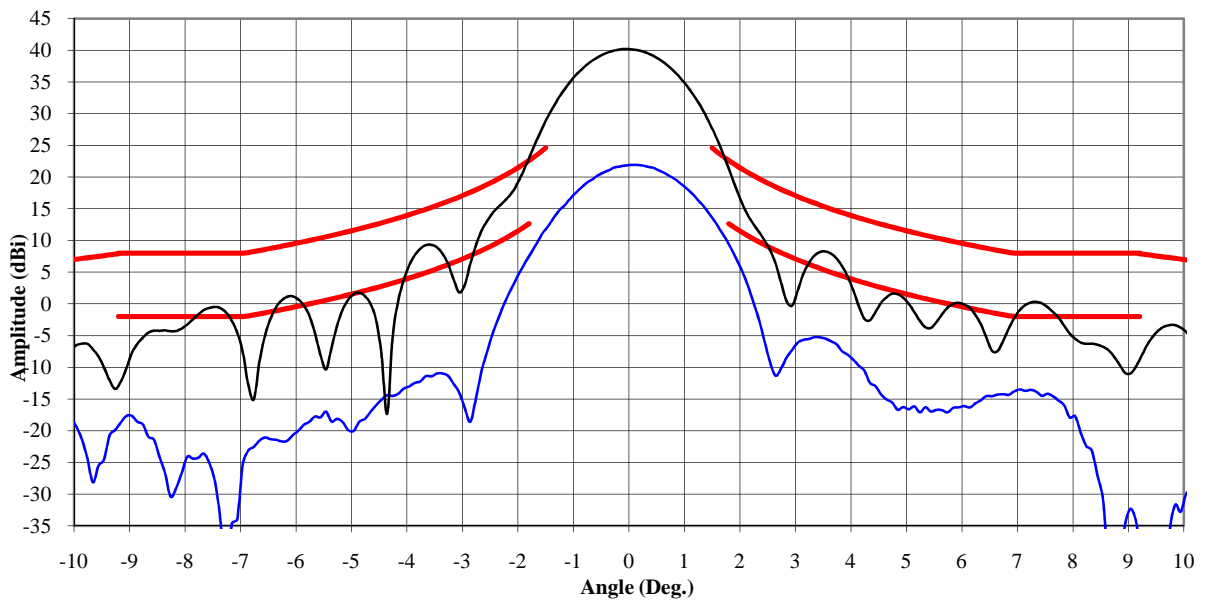
Upper red trace is FCC 25.209(a)(2) co-polarization mask

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

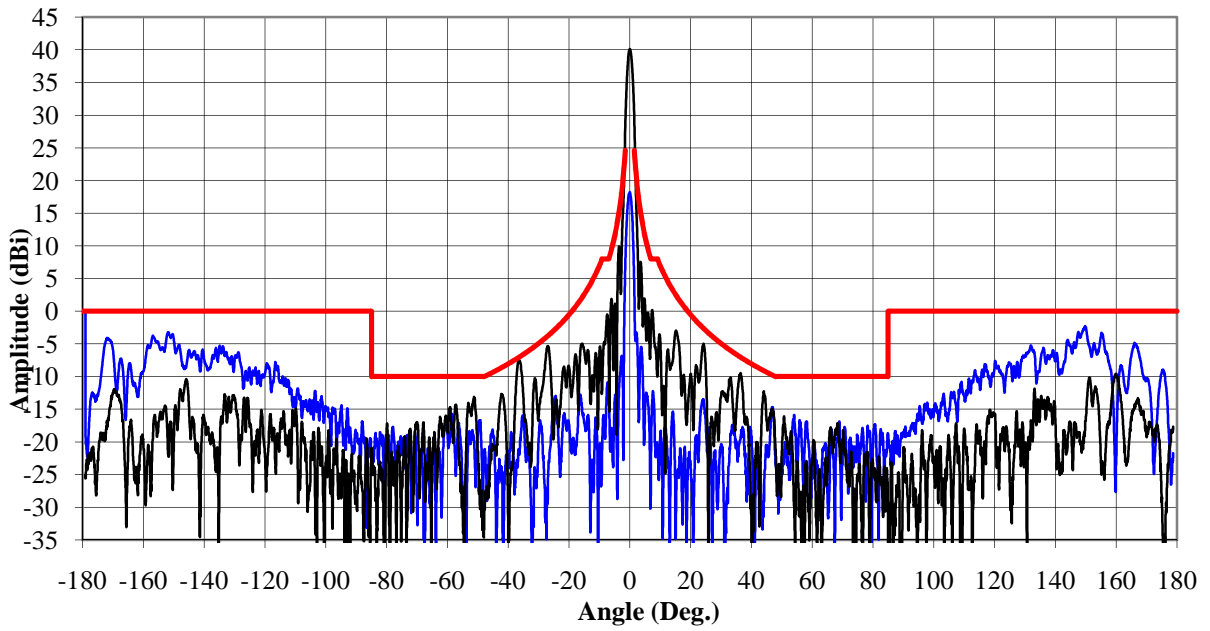
**Surfbeam-2 User Terminal**  
**Dish #2 Rx Az 18.30 GHz LHC**  
**Gain = 40.09 dBi**



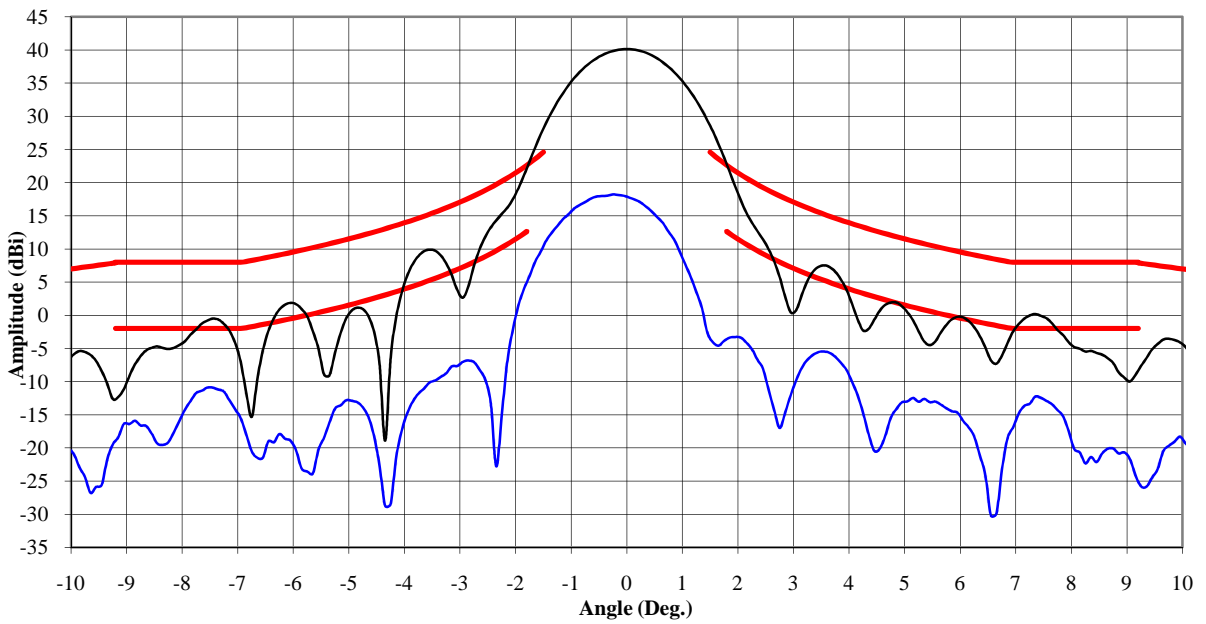
**Surfbeam-2 User Terminal**  
**Dish #2 Rx Az 18.30 GHz LHC**  
**Gain = 40.09 dBi**



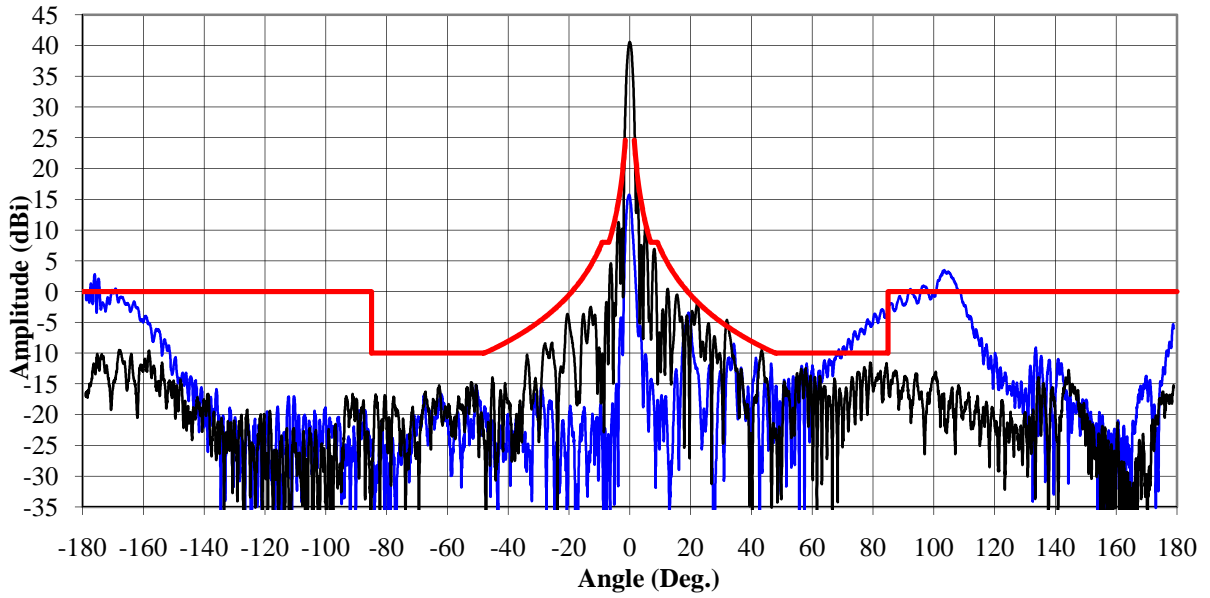
**Surfbeam-2 User Terminal**  
**Dish #2 Rx Az 18.30 GHz RHC**  
**Gain = 40.1dBi**



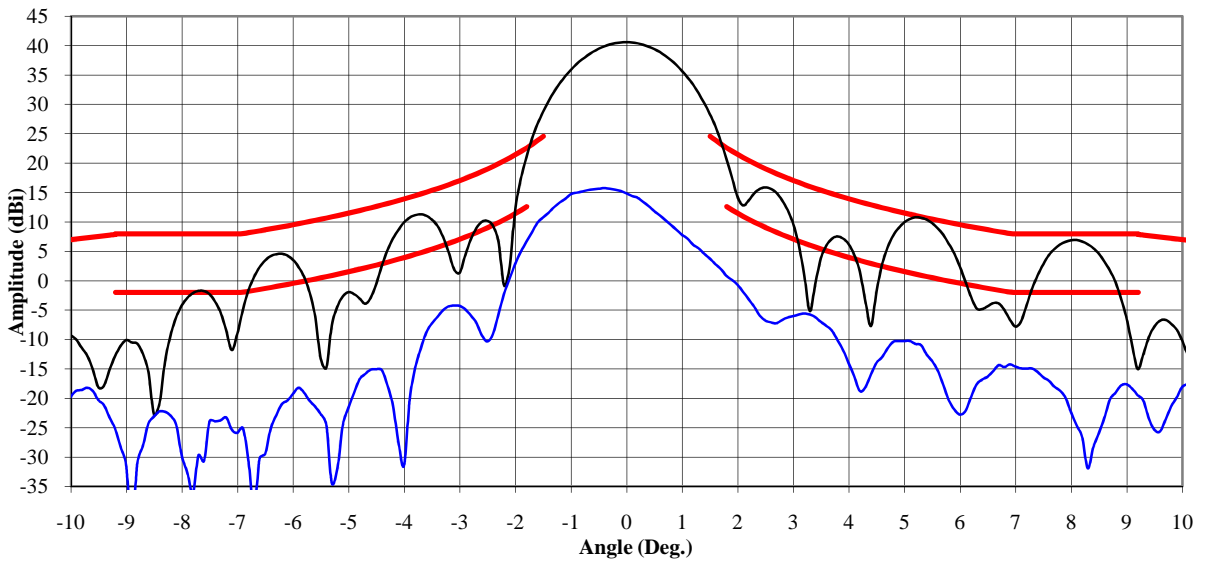
**Surfbeam-2 User Terminal**  
**Dish #2 Rx Az 18.30 GHz RHC**  
**Gain = 40.1dBi**



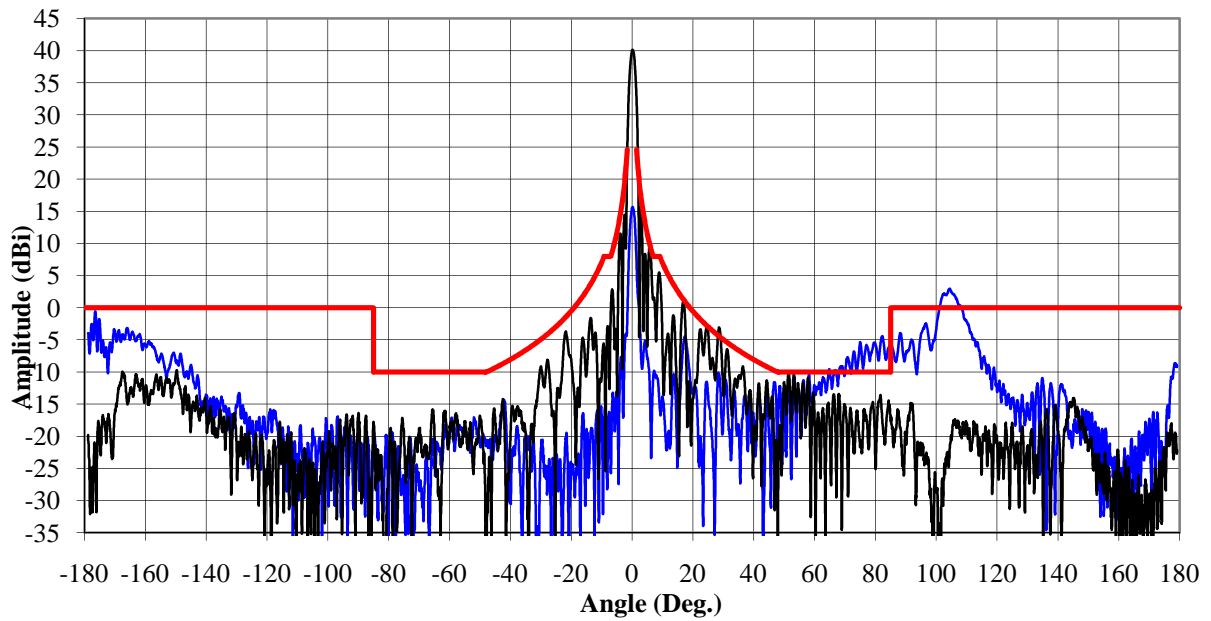
**Surfbeam-2 User Terminal**  
**Dish #2 Rx El 18.30 GHz LHC**  
**Gain = 40.09 dBi**



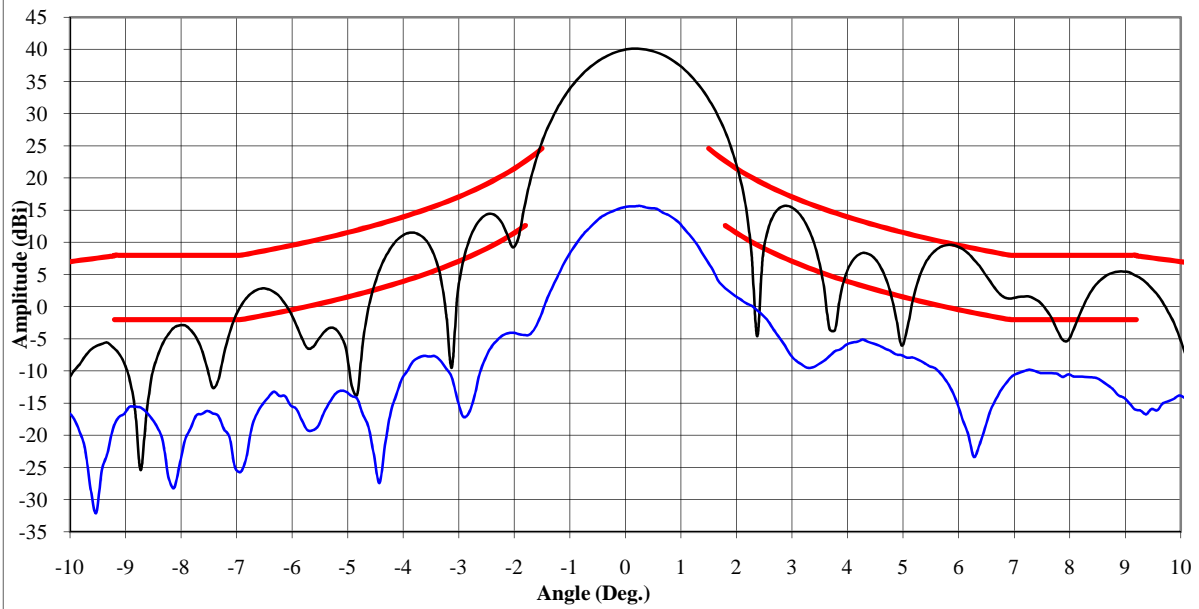
**Surfbeam-2 User Terminal**  
**Dish #2 Rx El 18.30 GHz LHC**  
**Gain = 40.09 dBi**



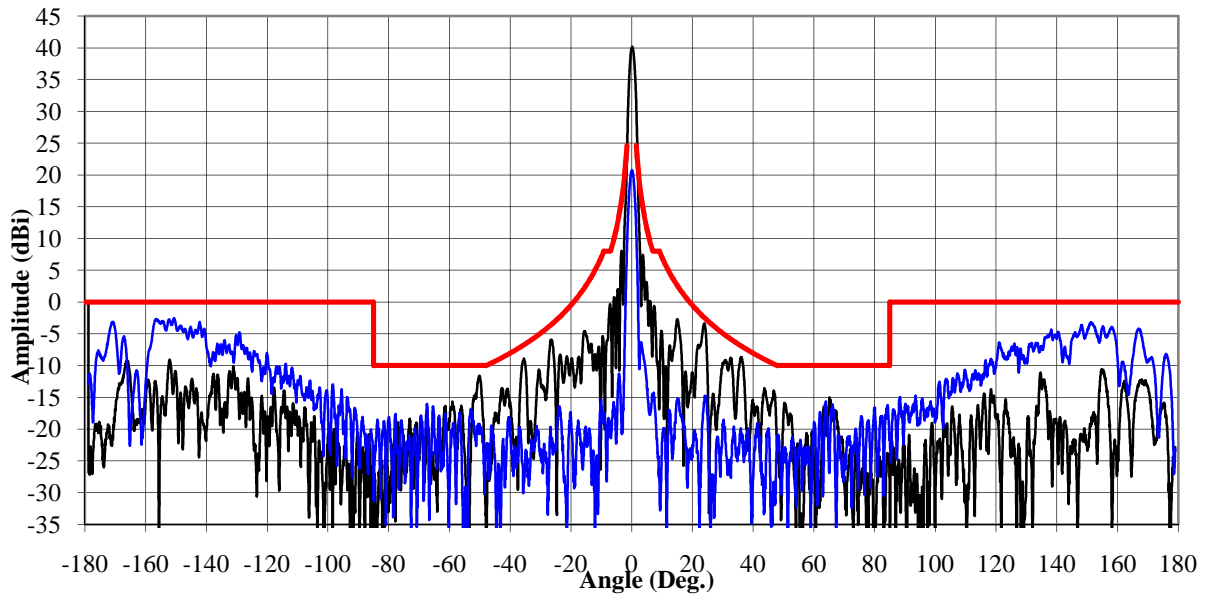
**Surfbeam-2 User Terminal**  
**Dish #2 Rx El 18.30 GHz RHC**  
**Gain = 40.1 dBi**



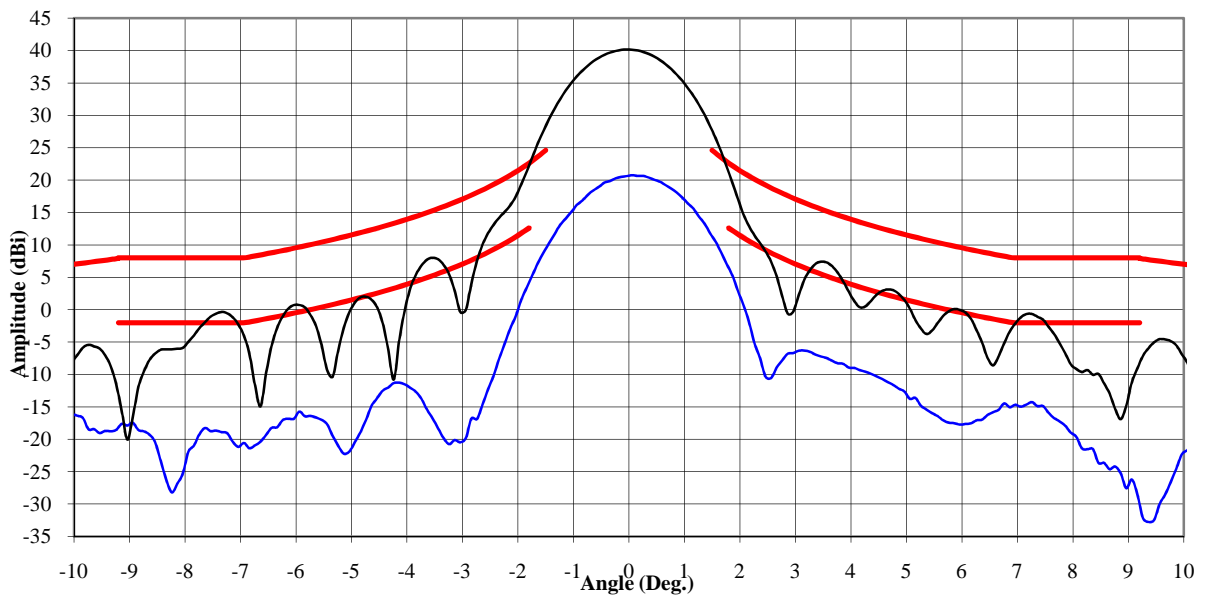
**Surfbeam-2 User Terminal**  
**Dish #2 Rx El 18.30 GHz RHC**  
**Gain = 40.1 dBi**



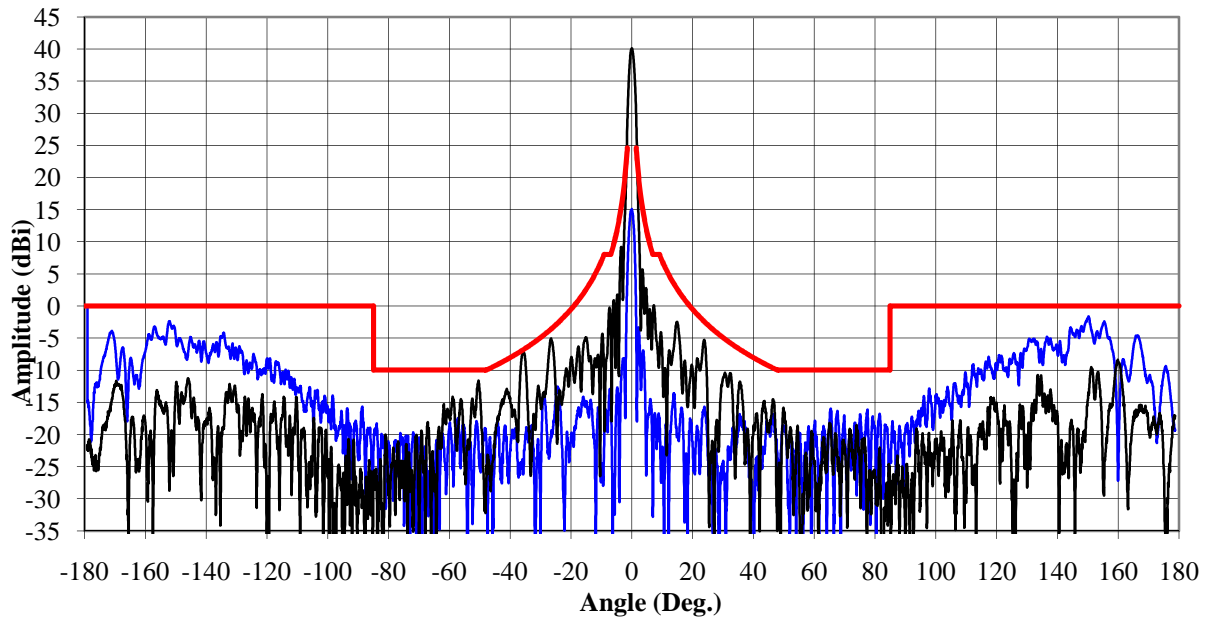
**Surfbeam-2 User Terminal**  
**Dish #2 Rx Az 18.55 GHz LHC**  
**Gain = 40.08dBi**



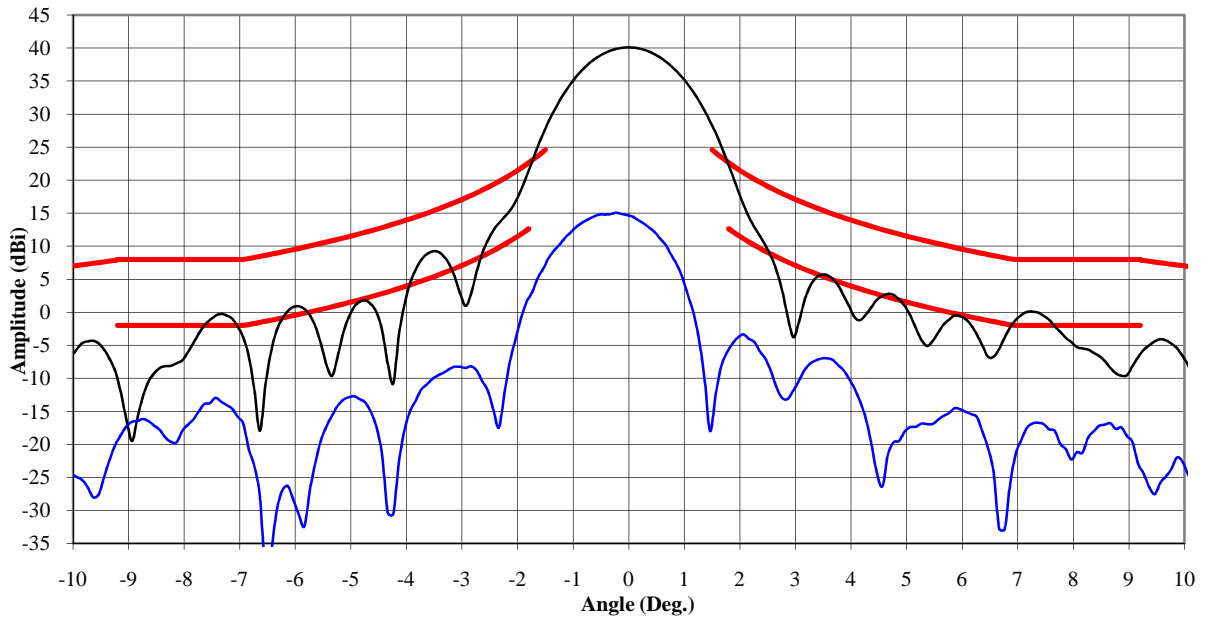
**Surfbeam-2 User Terminal**  
**Dish #2 Rx Az 18.55 GHz LHC**  
**Gain = 40.08 dBi**



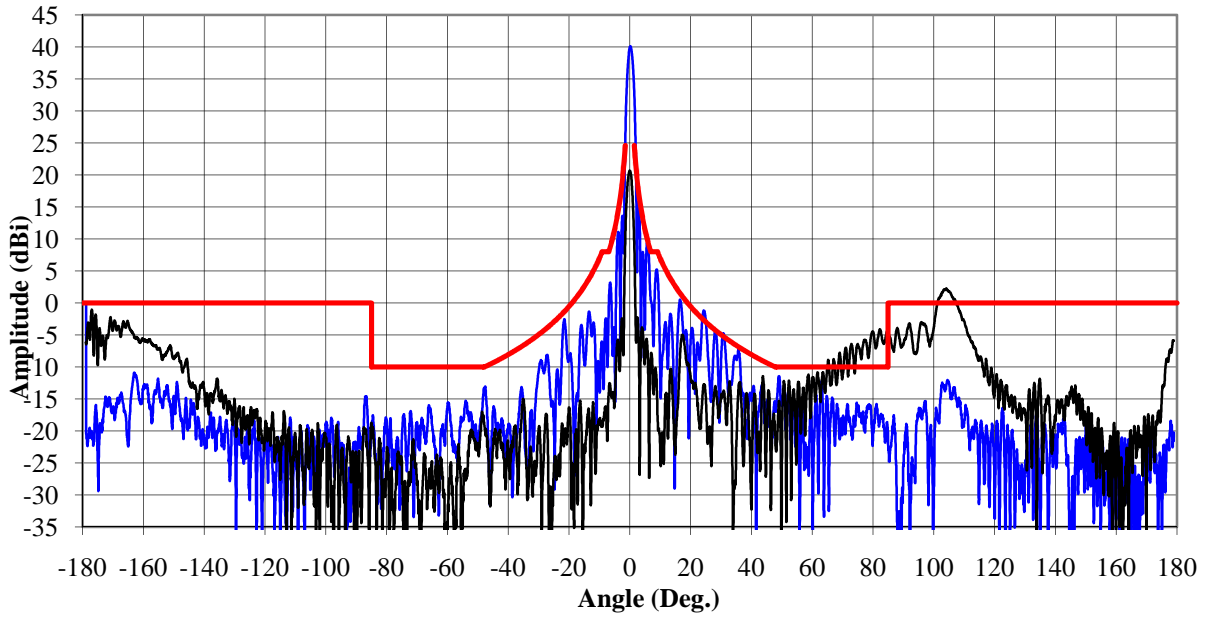
**Surfbeam-2 User Terminal**  
**Dish #2 Rx Az 18.55 GHz RHC**  
**Gain = 40.08 dBi**



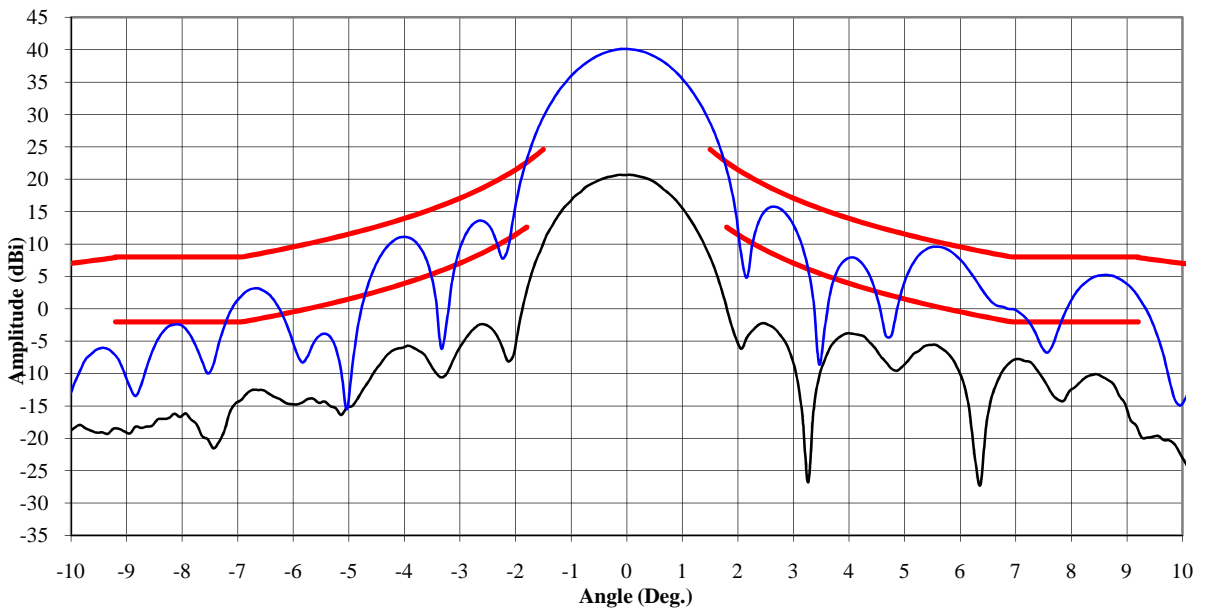
**Surfbeam-2 User Terminal**  
**Dish #2 Rx Az 18.55 GHz RHC**  
**Gain = 40.08 dBi**



**Surfbeam-2 User Terminal**  
**Dish #2 Rx El 18.55 GHz LHC**  
**Gain = 40.08 dBi**

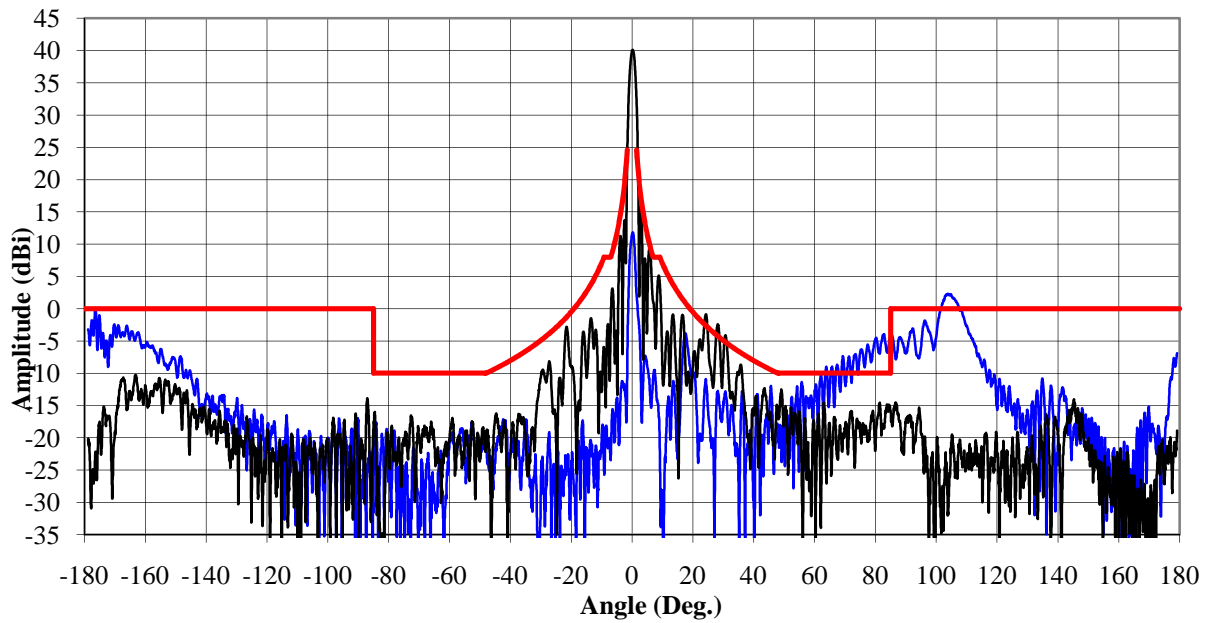


**Surfbeam-2 User Terminal**  
**Dish #2 Rx El 18.55 GHz LHC**  
**Gain = 40.08 dBi**

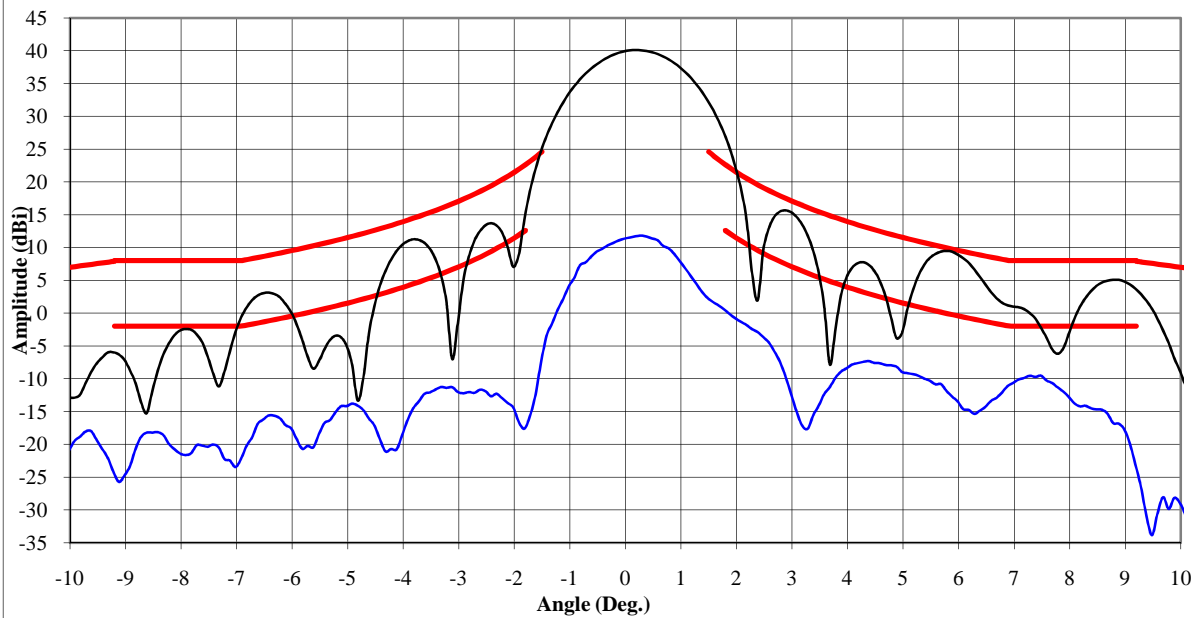




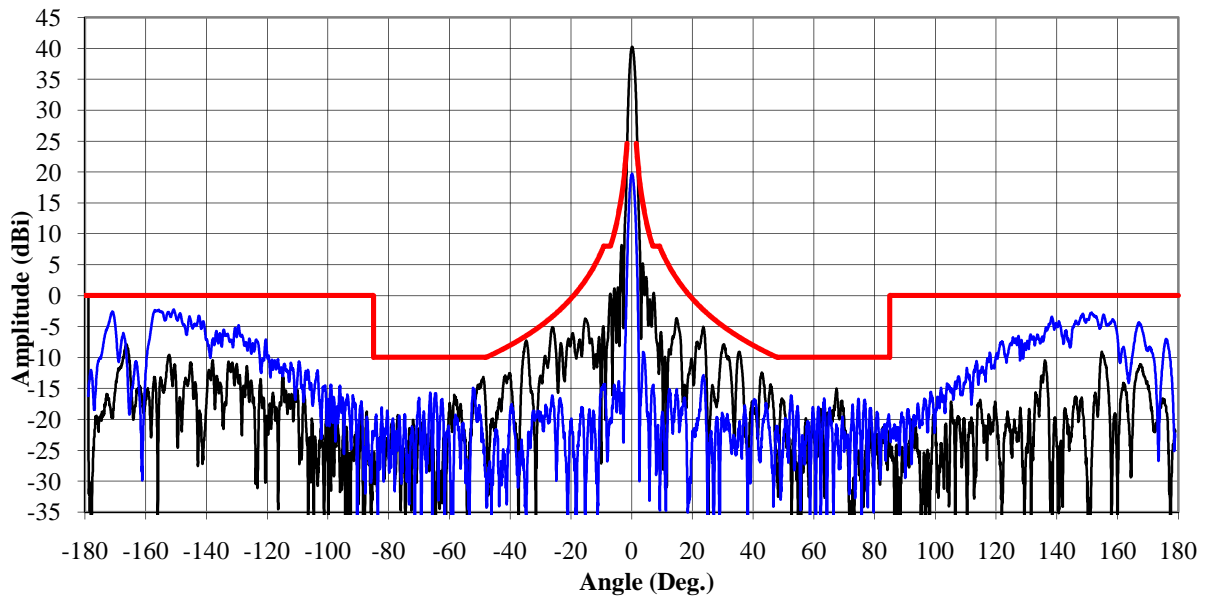
**Surfbeam-2 User Terminal**  
**Dish #2 Rx El 18.55GHz RHC**  
**Gain = 40.08 dBi**



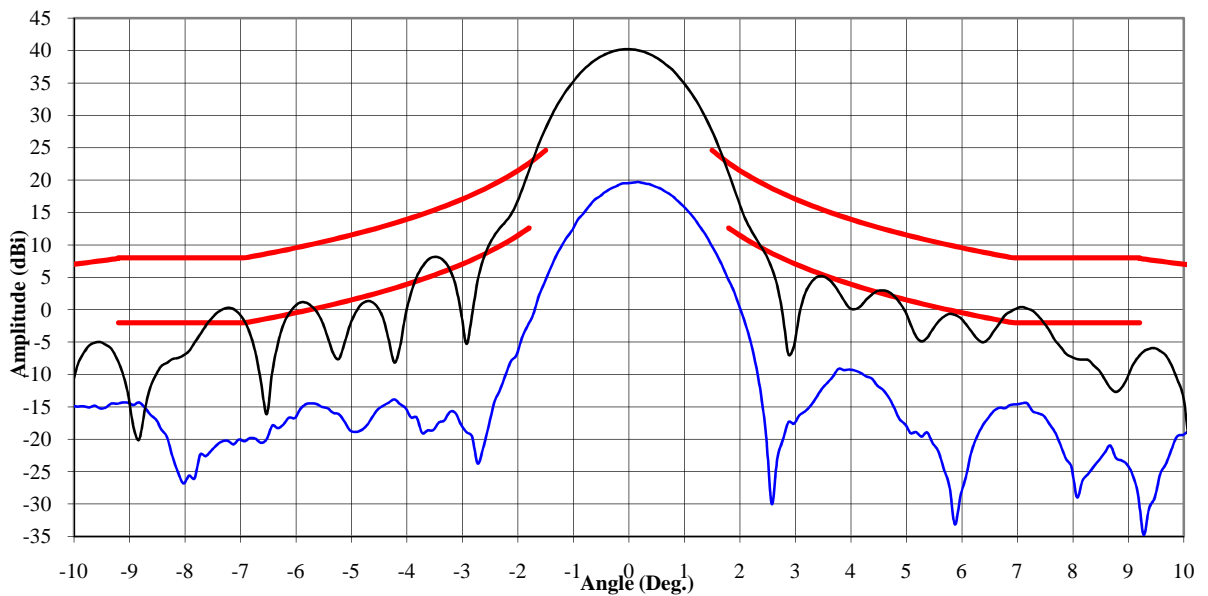
**Surfbeam-2 User Terminal**  
**Dish #2 Rx El 18.55GHz RHC**  
**Gain = 40.08 dBi**



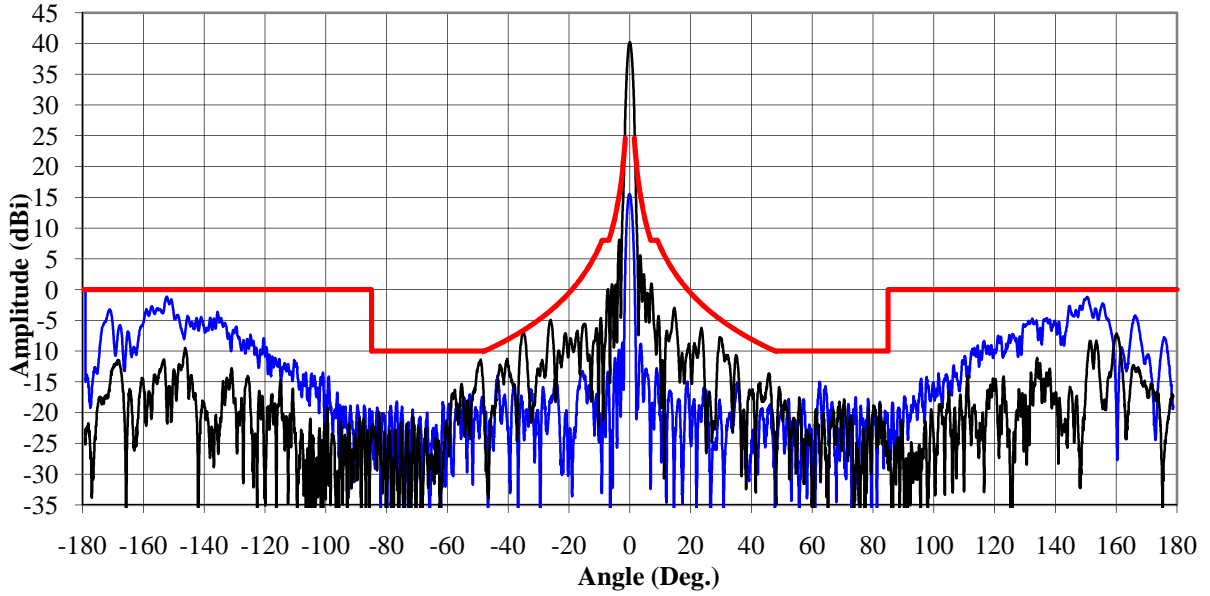
**Surfbeam-2 User Terminal  
Dish #2 Rx Az 18.80 GHz LHC  
Gain = 40.17dBi**



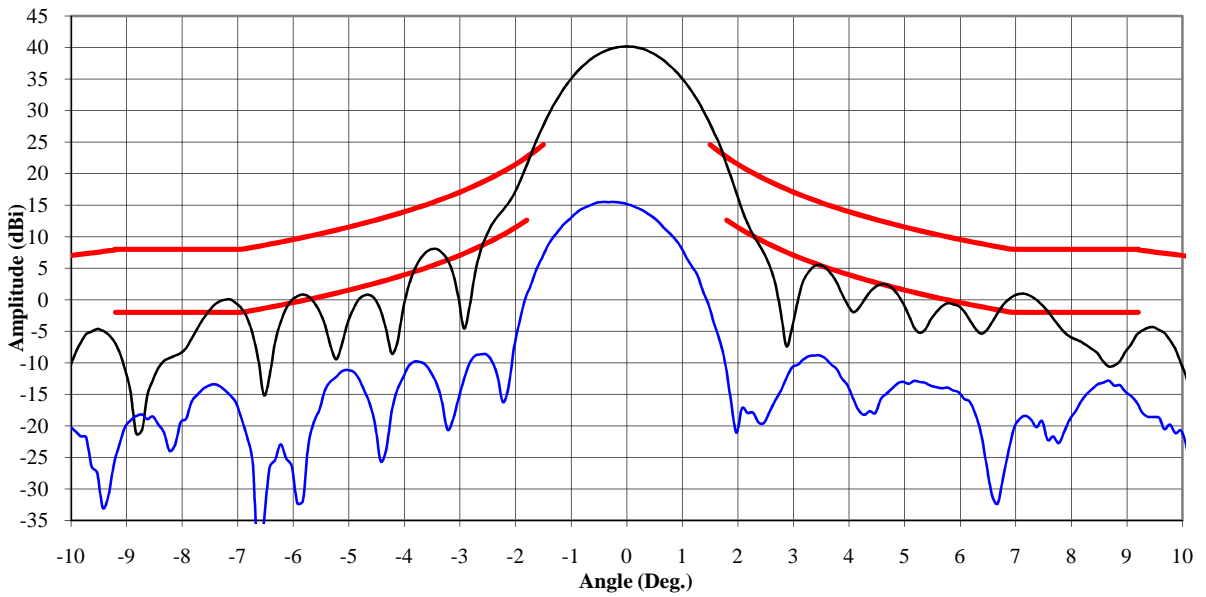
**Surfbeam-2 User Terminal  
Dish #2 Rx Az 18.80 GHz LHC  
Gain = 40.17 dBi**



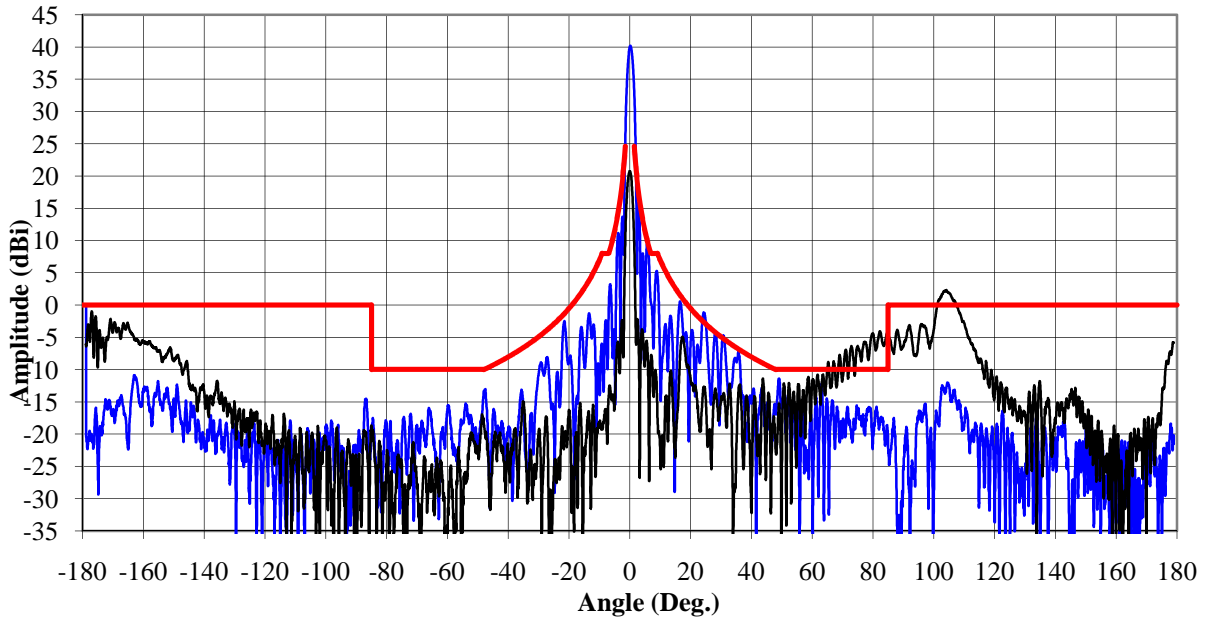
**Surfbeam-2 User Terminal**  
**Dish #2 Rx Az 18.80 GHz RHC**  
**Gain = 40.16 dBi**



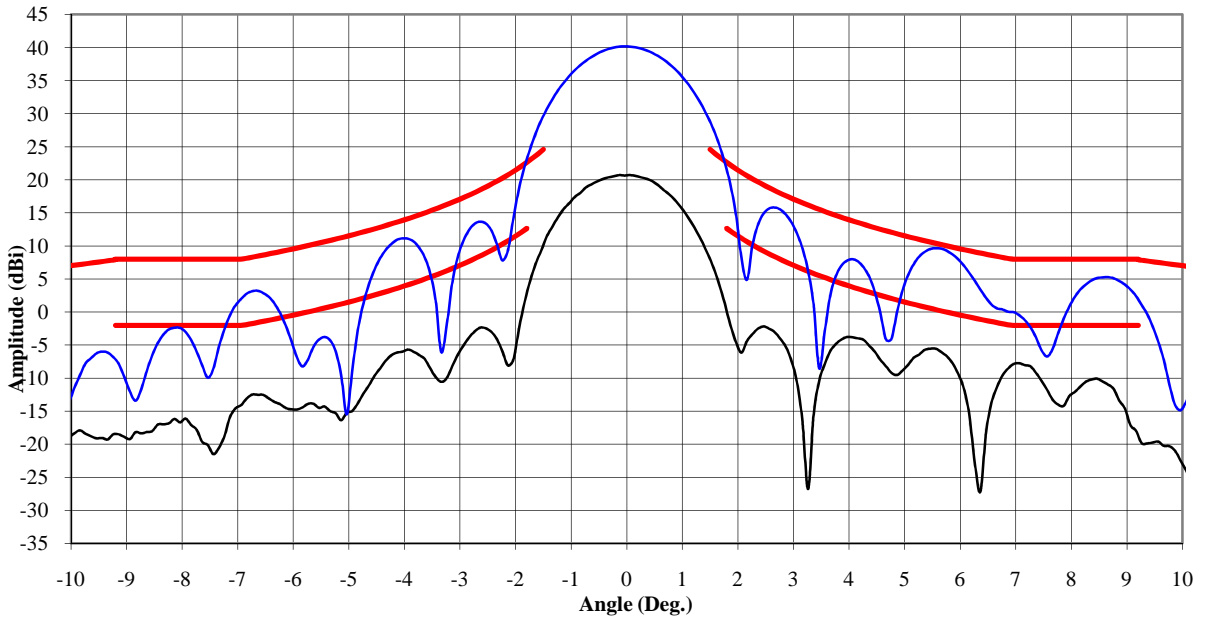
**Surfbeam-2 User Terminal**  
**Dish #2 Rx Az 18.80 GHz RHC**  
**Gain = 40.16 dBi**



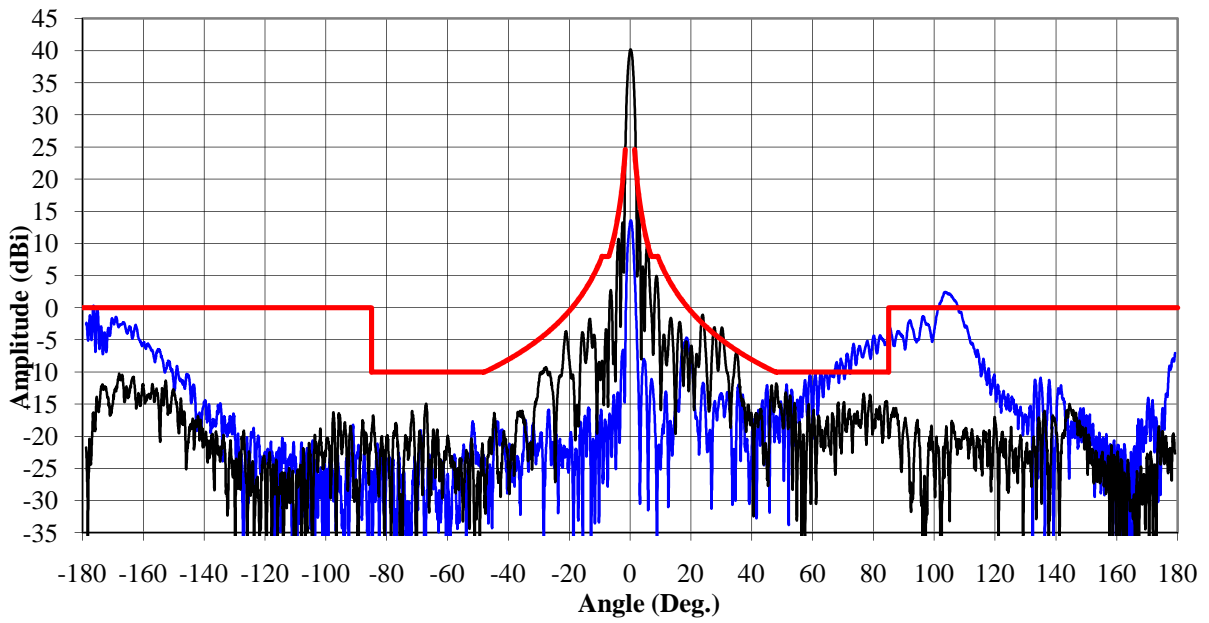
**Surfbeam-2 User Terminal**  
**Dish #2 Rx El 18.80 GHz LHC**  
**Gain = 40.17 dBi**



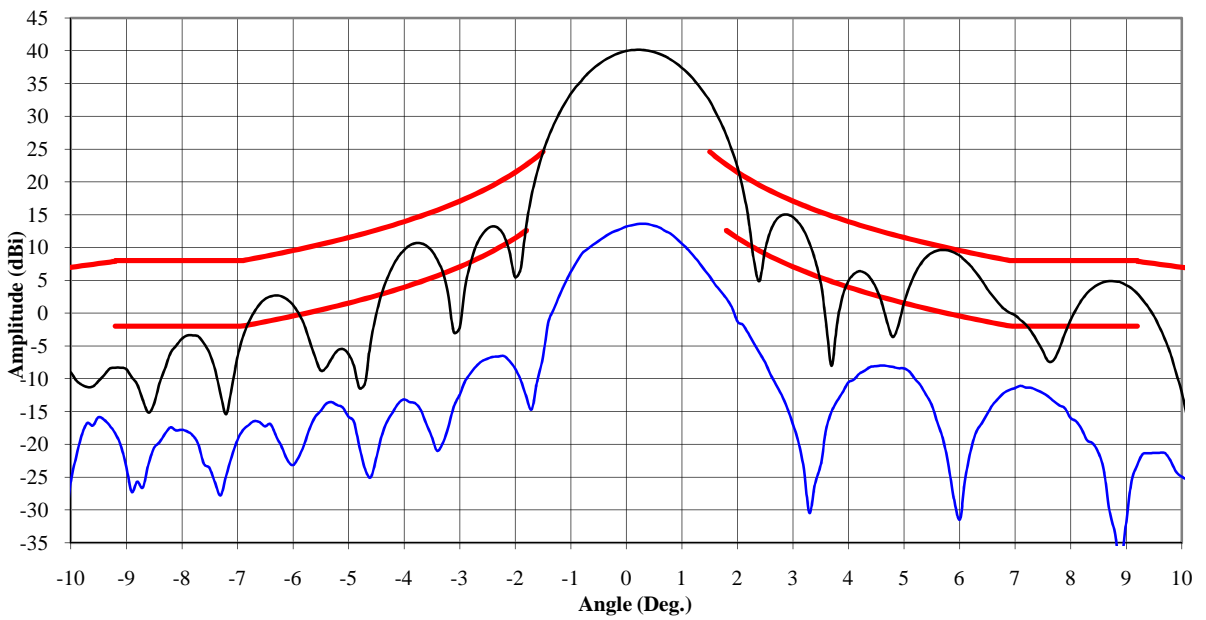
**Surfbeam-2 User Terminal**  
**Dish #2 Rx El 18.80 GHz LHC**  
**Gain = 40.17 dBi**



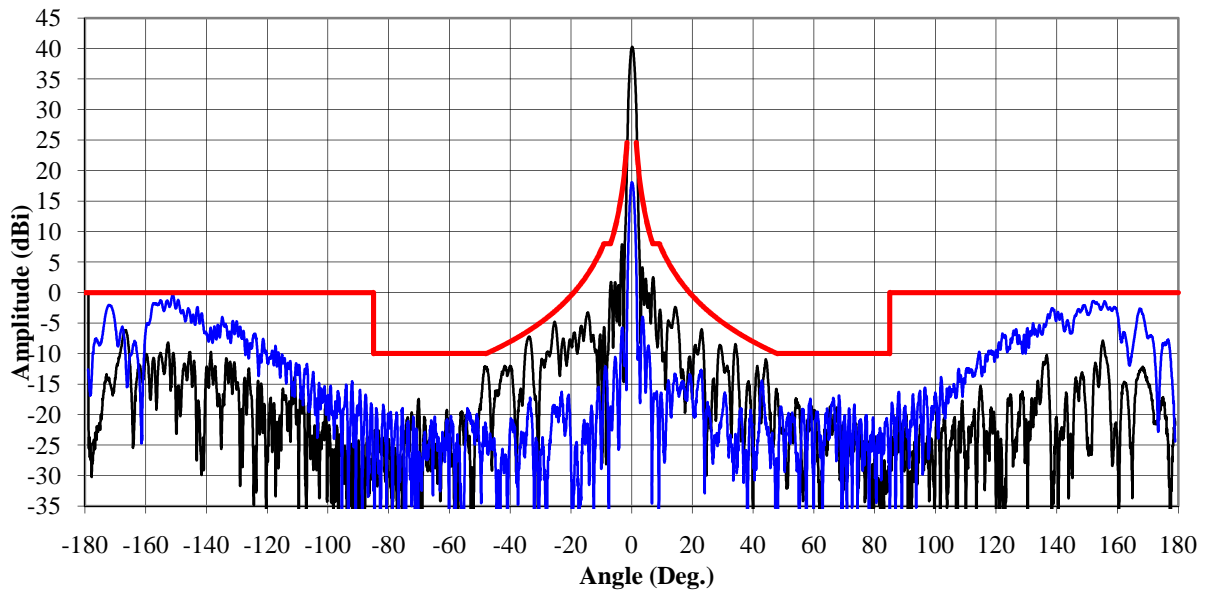
**Surfbeam-2 User Terminal**  
**Dish #2 Rx El 18.80GHz RHC**  
**Gain = 40.16 dBi**



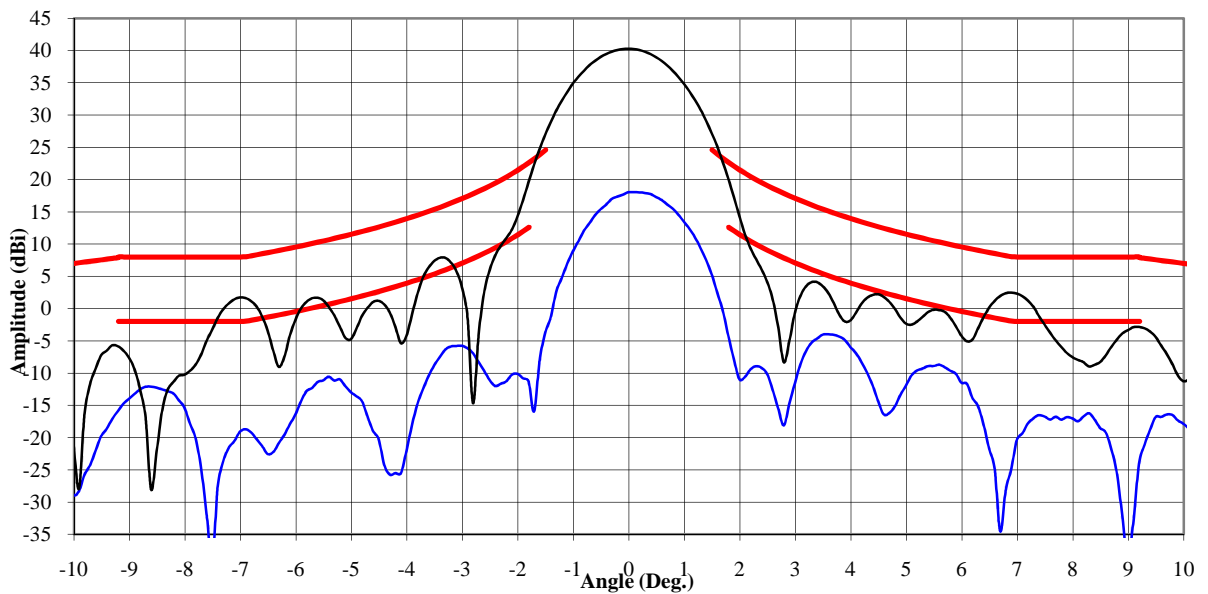
**Surfbeam-2 User Terminal**  
**Dish #2 Rx El 18.80GHz RHC**  
**Gain = 40.16 dBi**



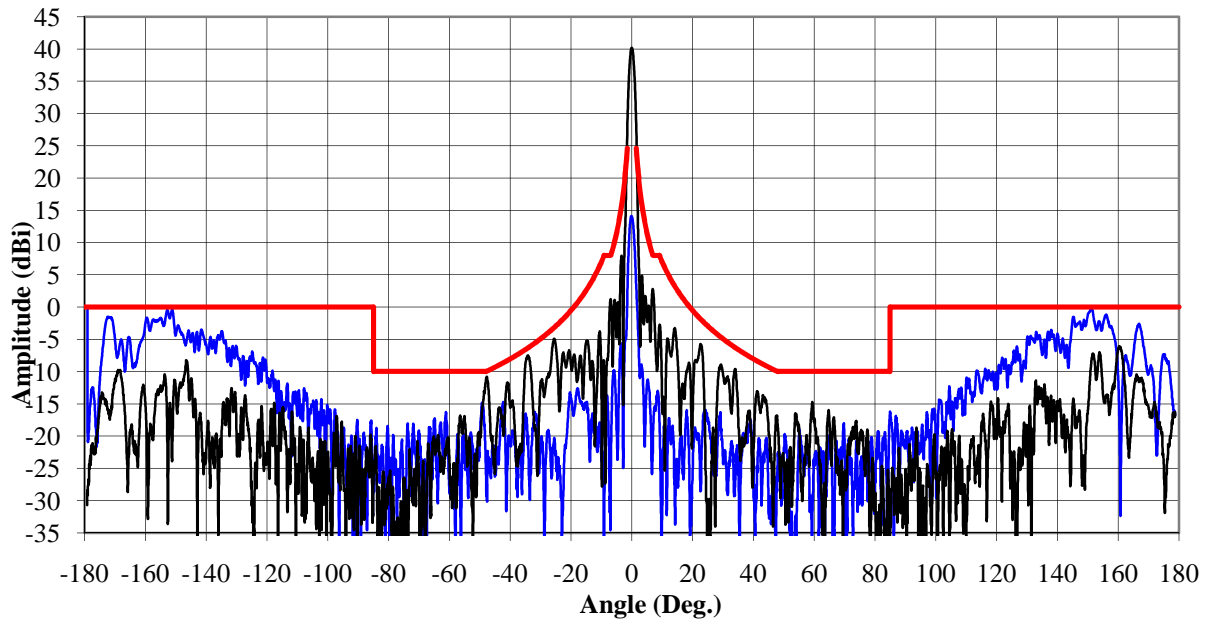
**Surfbeam-2 User Terminal**  
**Dish #2 Rx Az 19.3 GHz LHC**  
**Gain = 40.18dBi**



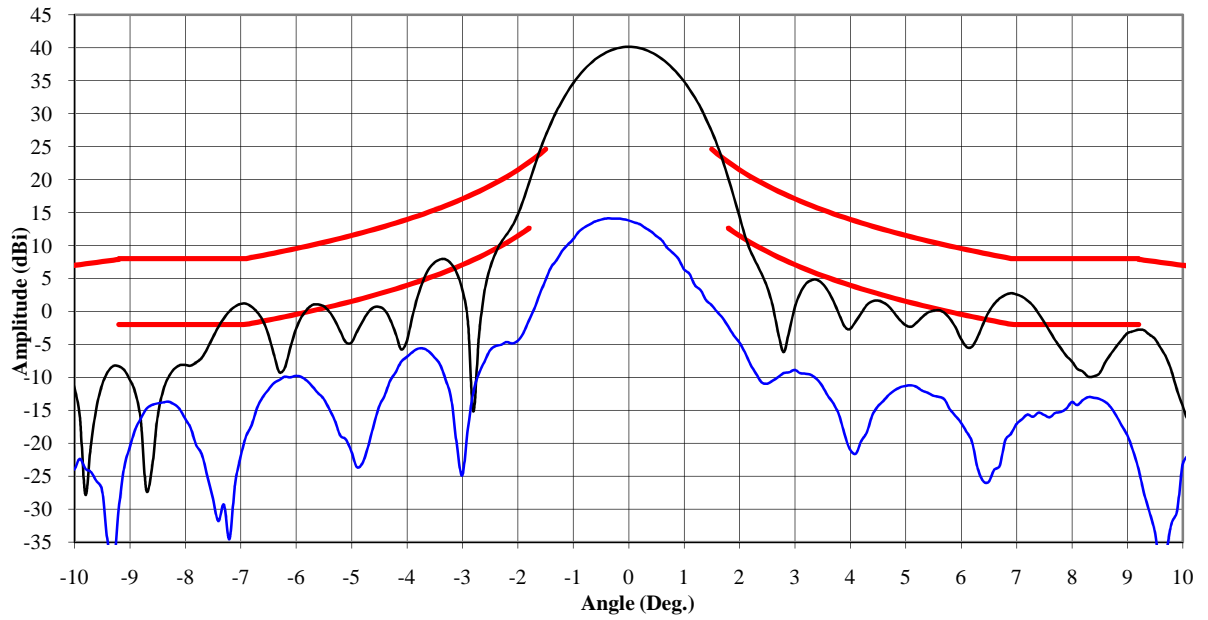
**Surfbeam-2 User Terminal**  
**Dish #2 Rx Az 19.30 GHz LHC**  
**Gain = 40.18 dBi**



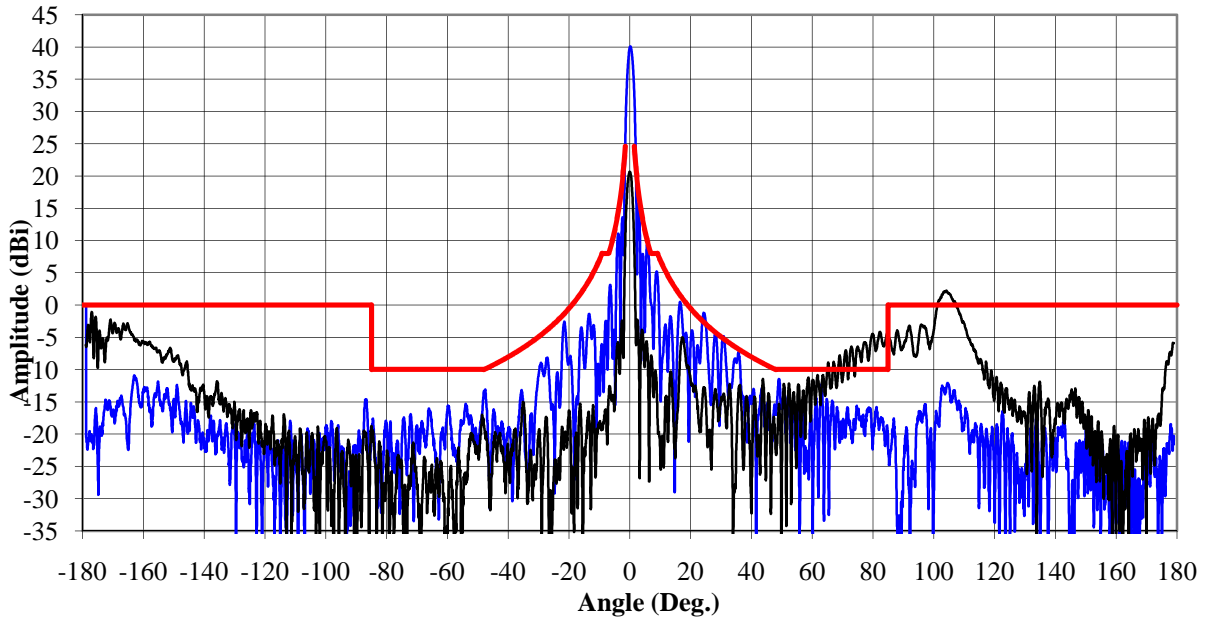
**Surfbeam-2 User Terminal**  
**Dish #2 Rx Az 19.30 GHz RHC**  
**Gain = 40.14 dBi**



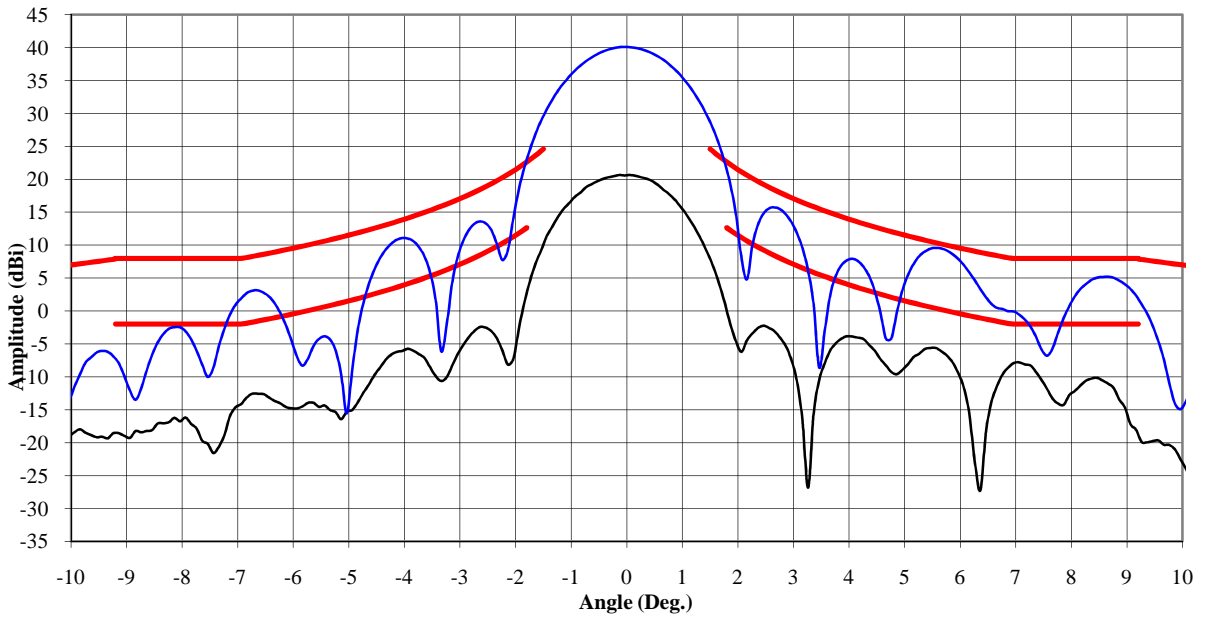
**Surfbeam-2 User Terminal**  
**Dish #2 Rx Az 19.30 GHz RHC**  
**Gain = 40.14 dBi**



**Surfbeam-2 User Terminal**  
**Dish #2 Rx El 19.3 GHz LHC**  
**Gain = 40.18 dBi**

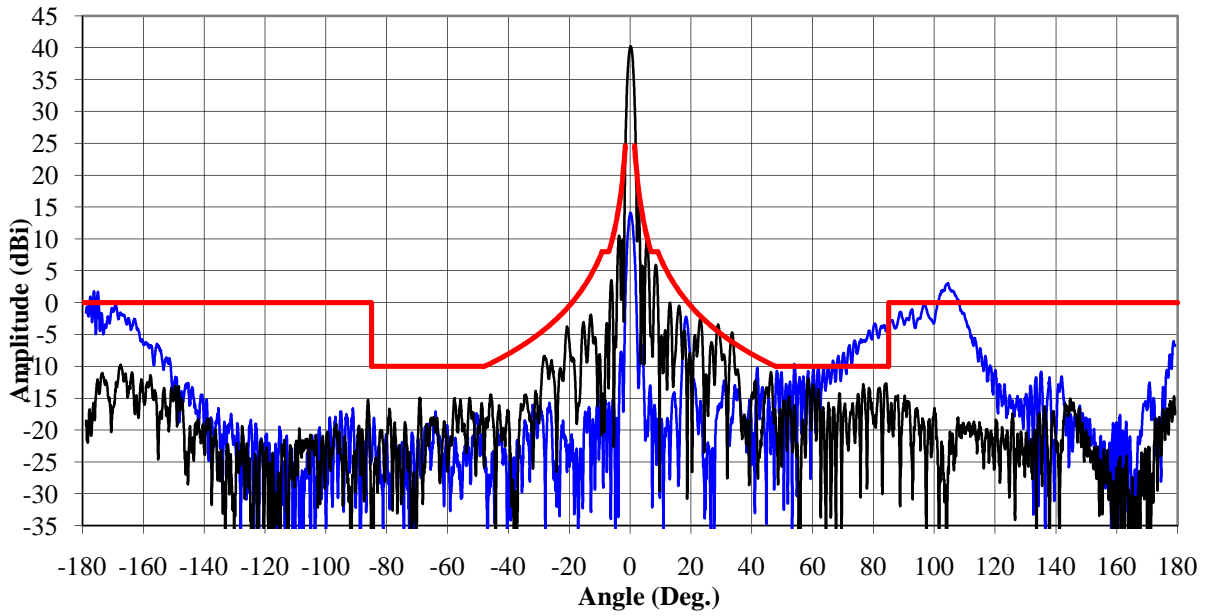


**Surfbeam-2 User Terminal**  
**Dish #2 Rx El 19.3 GHz LHC**  
**Gain = 40.18 dBi**

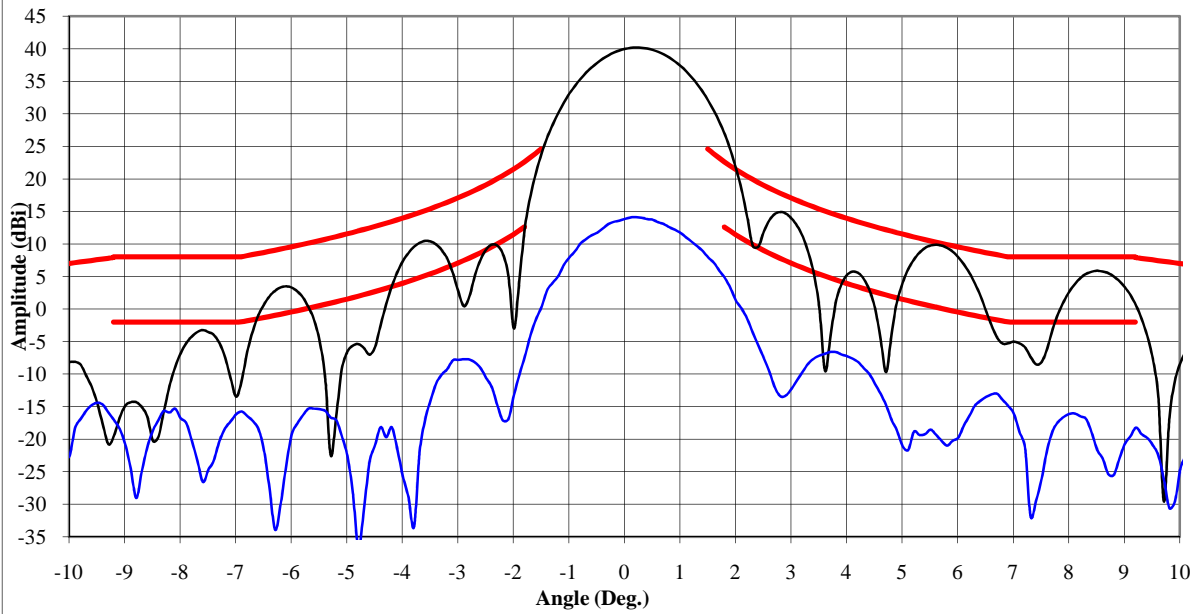




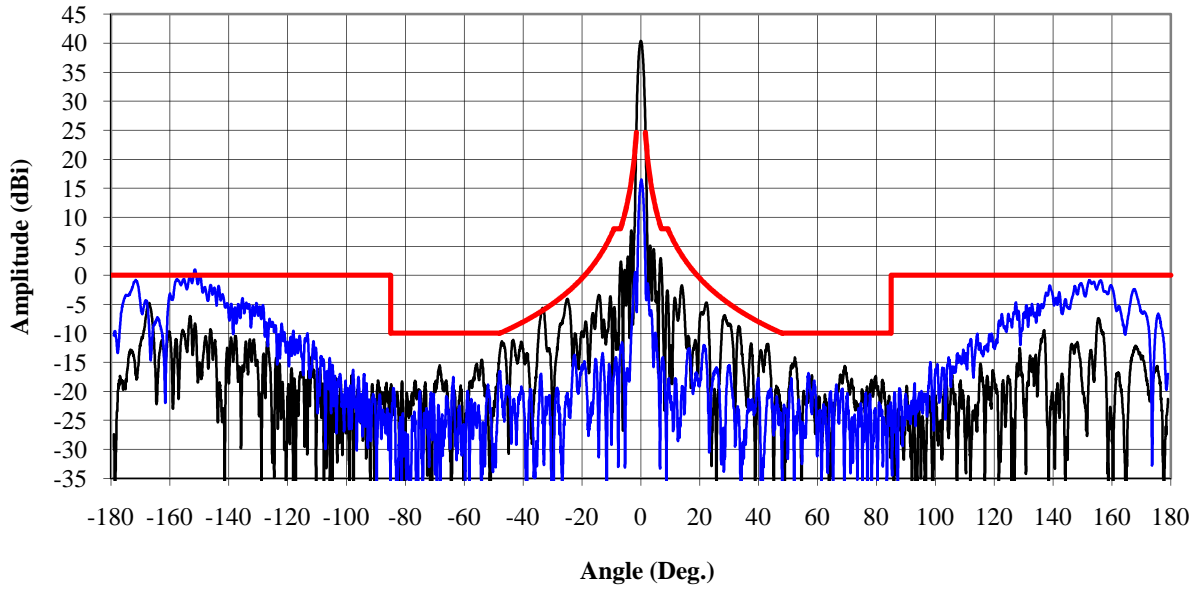
**Surfbeam-2 User Terminal**  
**Dish #2 Rx El 19.30GHz RHC**  
**Gain = 40.14 dBi**



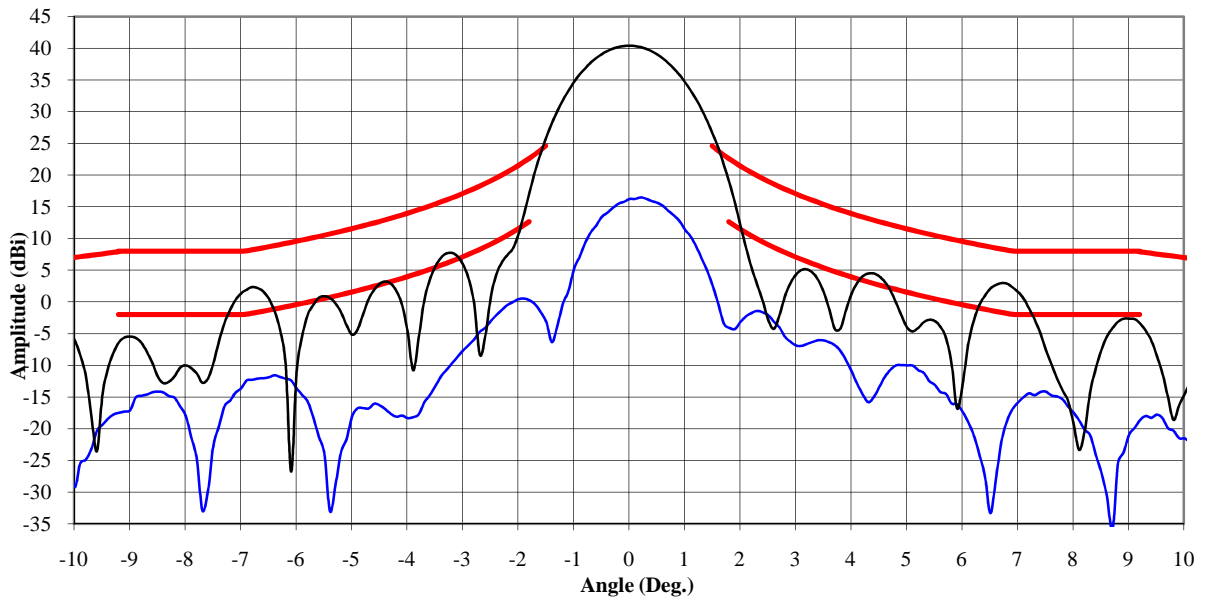
**Surfbeam-2 User Terminal**  
**Dish #2 Rx El 19.30GHz RHC**  
**Gain = 40.14 dBi**



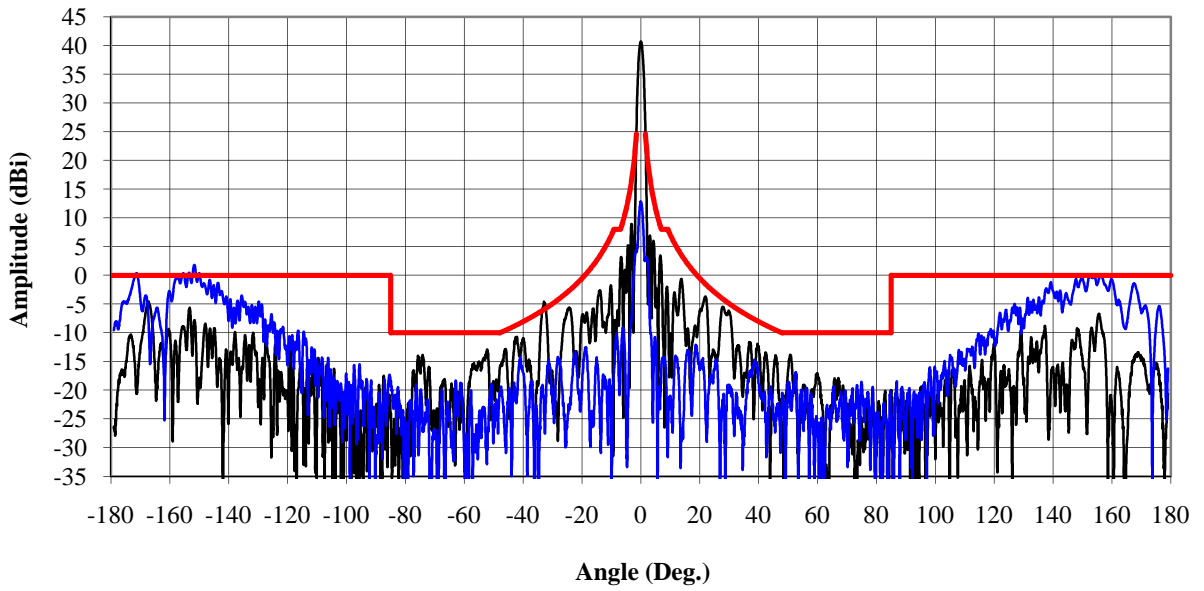
**Surfbeam-2 User Terminal  
Rx Az 19.70 GHz LHC  
Gain = 40.31 dBi**



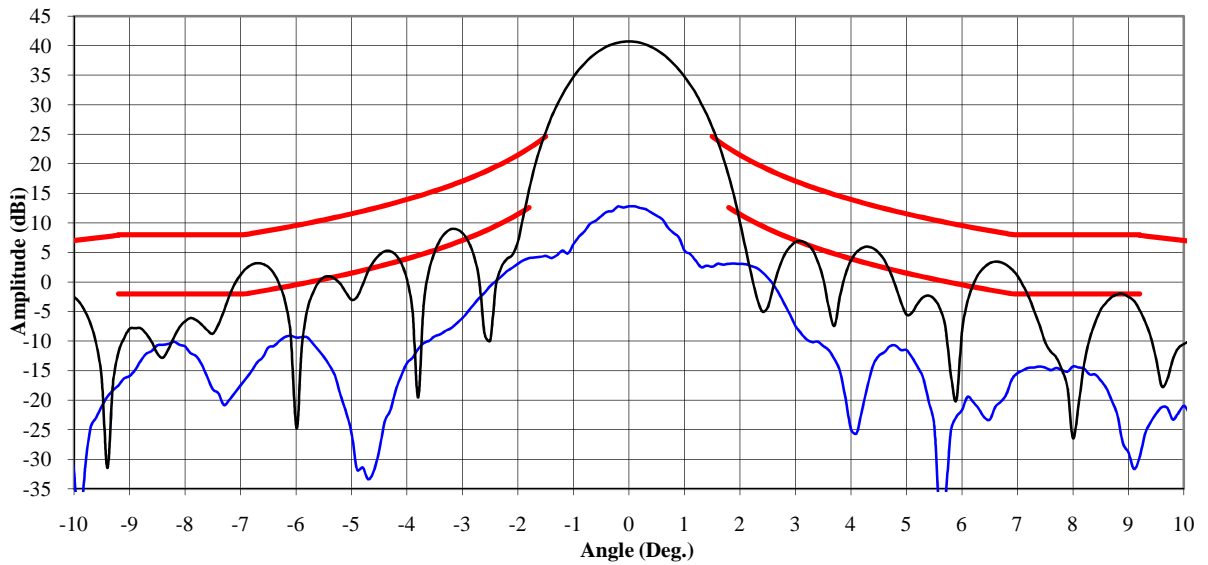
**Surfbeam-2 User Terminal  
Rx Az 19.70 GHz LHC  
Gain = 40.31 dBi**



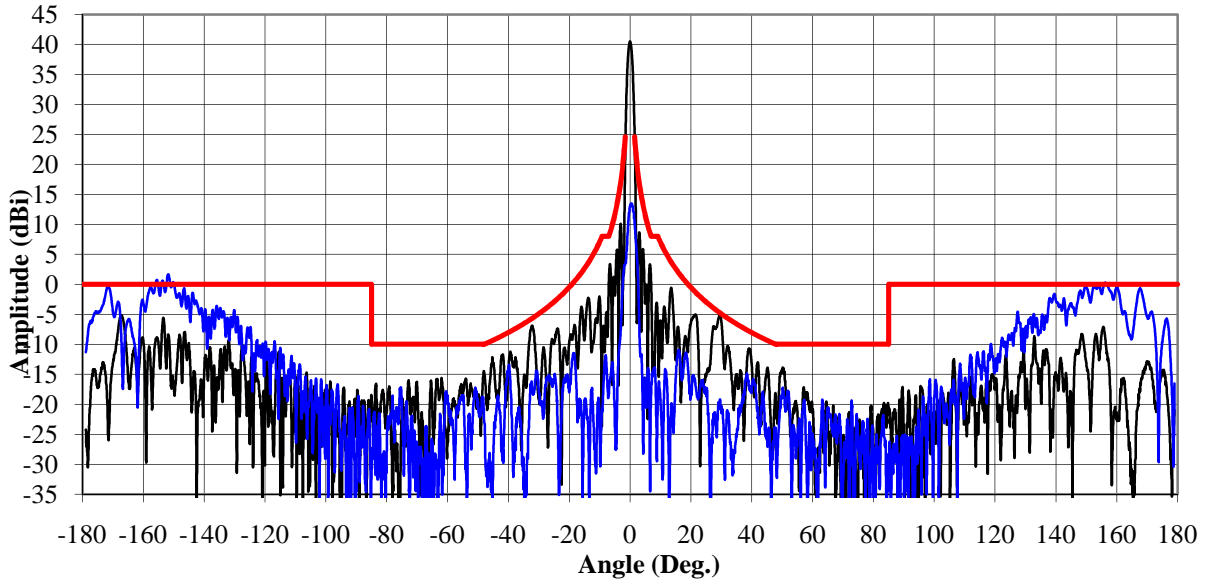
**Surfbeam-2 User Terminal**  
**Rx Az 19.95 GHz LHC**  
**Gain = 40.60 dBi**



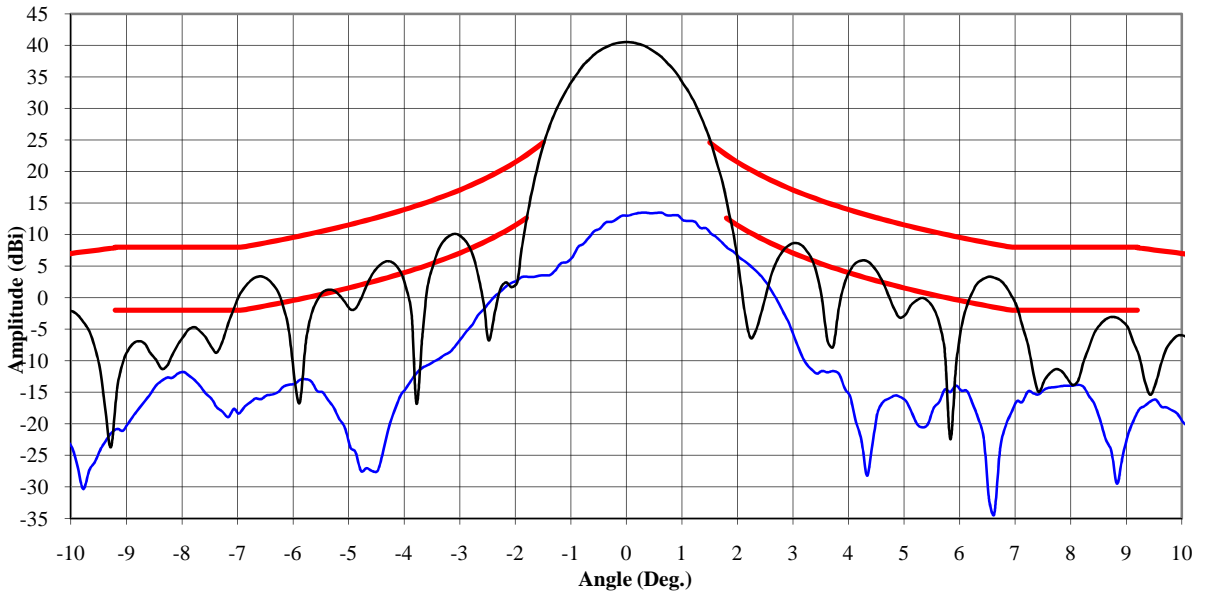
**Surfbeam-2 User Terminal**  
**Rx Az 19.95 GHz LHC**  
**Gain = 40.60 dBi**



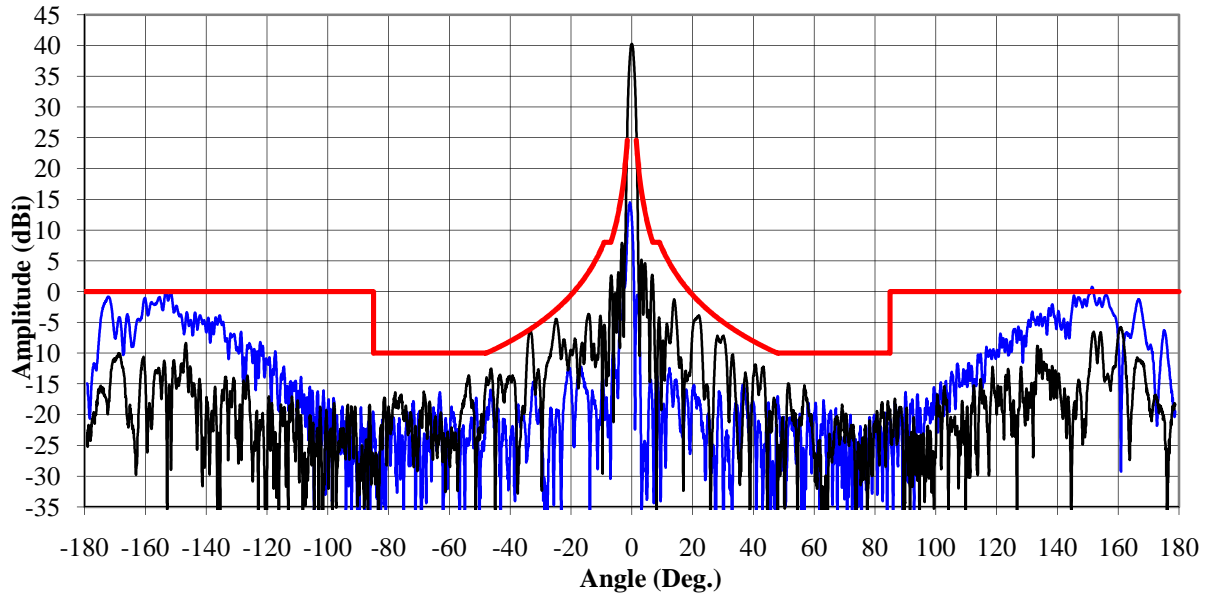
**Surfbeam-2 User Terminal**  
**Rx Az 20.20 GHz LHC**  
**Gain = 40.40 dBi**



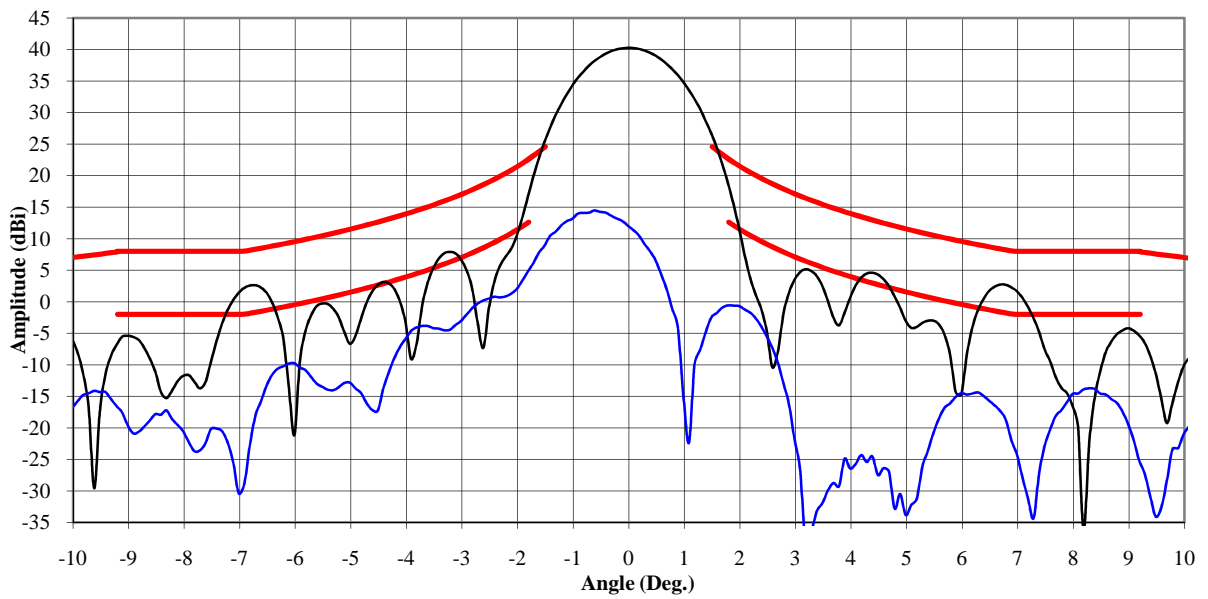
**Surfbeam-2 User Terminal**  
**Rx Az 20.20 GHz LHC**  
**Gain = 40.40 dBi**



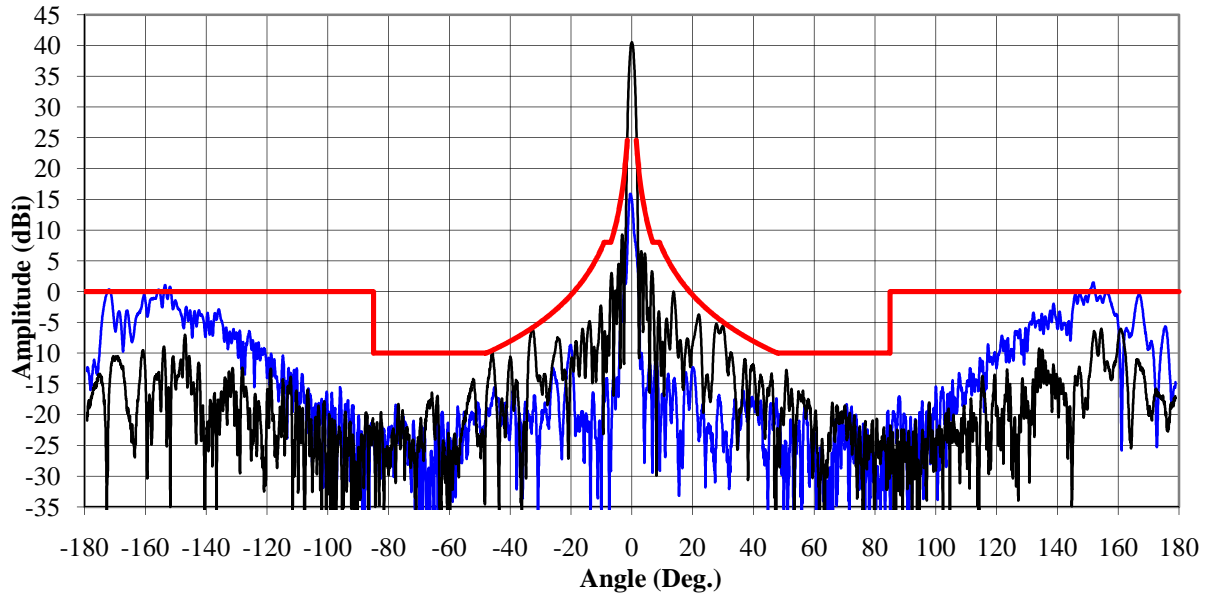
**Surfbeam-2 User Terminal**  
**Rx Az 19.70 GHz RHC**  
**Gain = 40.23 dBi**



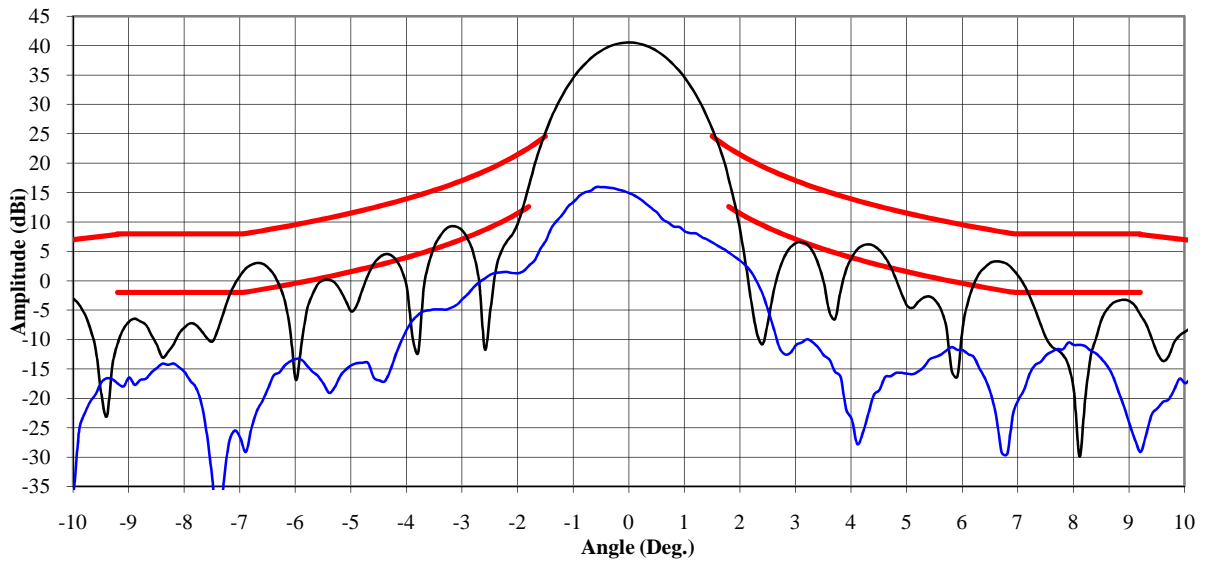
**Surfbeam-2 User Terminal**  
**Rx Az 19.70 GHz RHC**  
**Gain = 40.23 dBi**



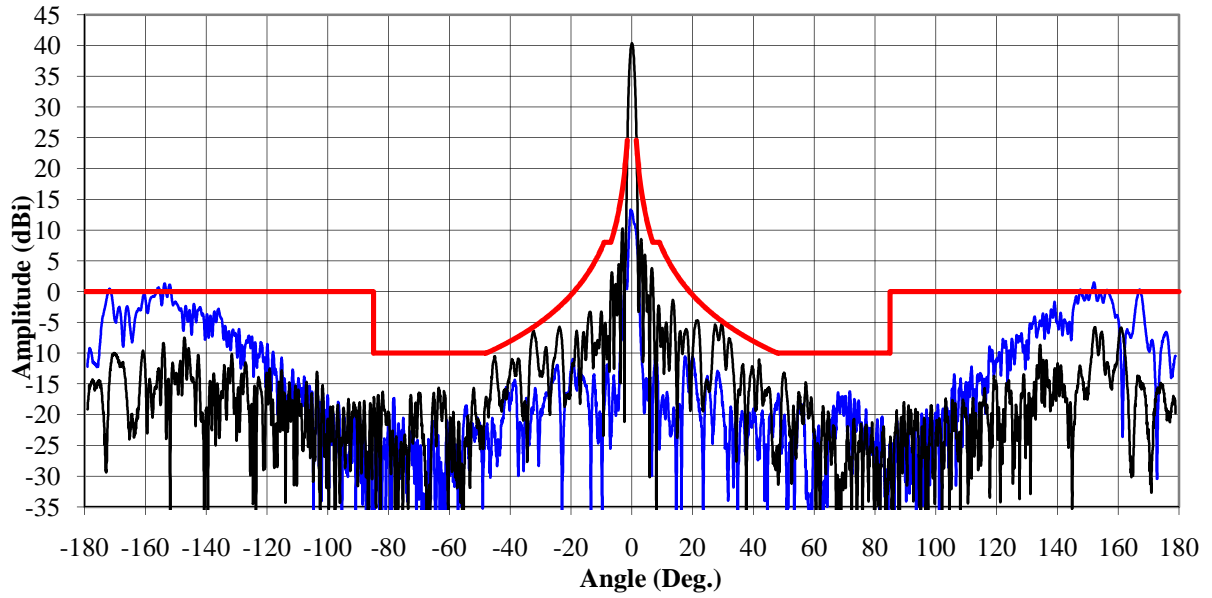
**Surfbeam-2 User Terminal**  
**Rx Az 19.95 GHz RHC**  
**Gain = 40.53 dBi**



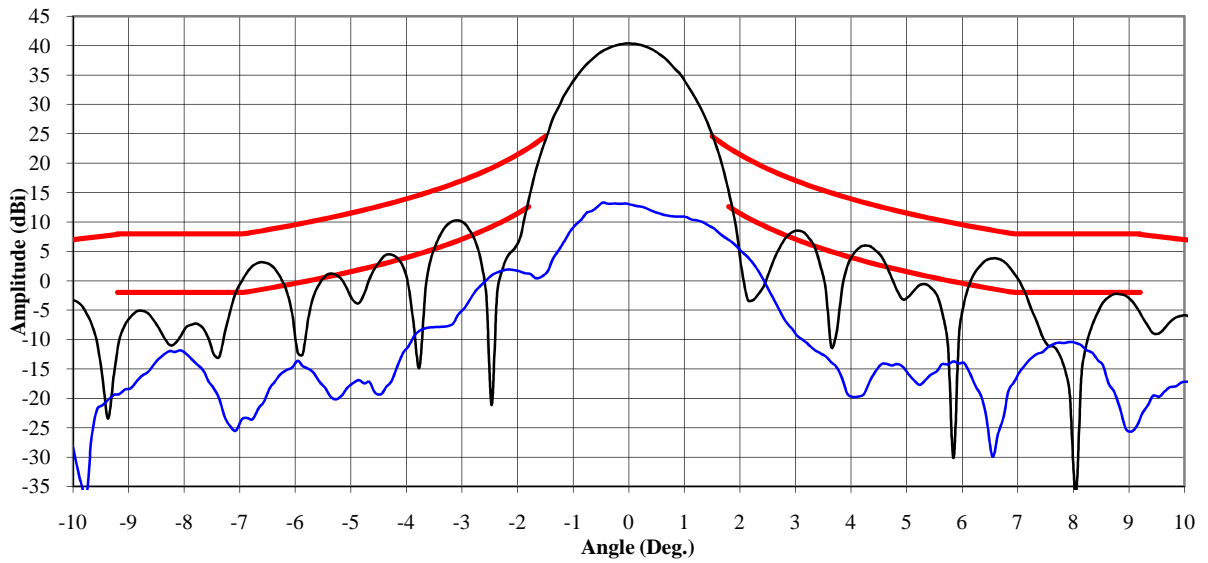
**Surfbeam-2 User Terminal**  
**Rx Az 19.95 GHz RHC**  
**Gain = 40.53 dBi**



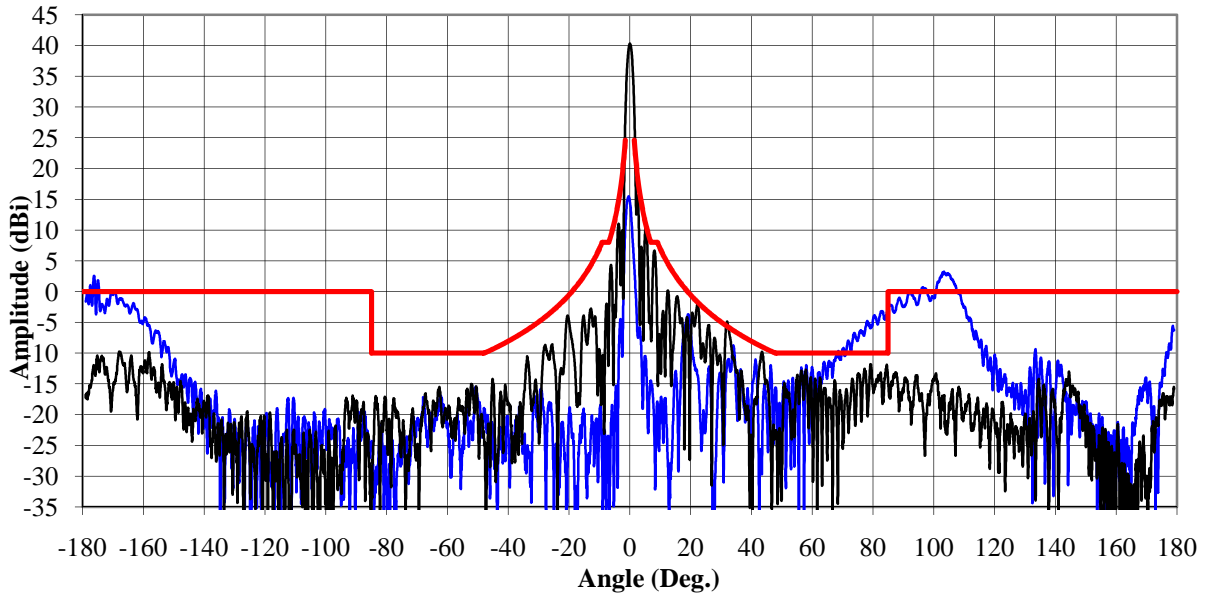
**Surfbeam-2 User Terminal**  
**Rx Az 20.20 GHz RHC**  
**Gain = 40.36 dBi**



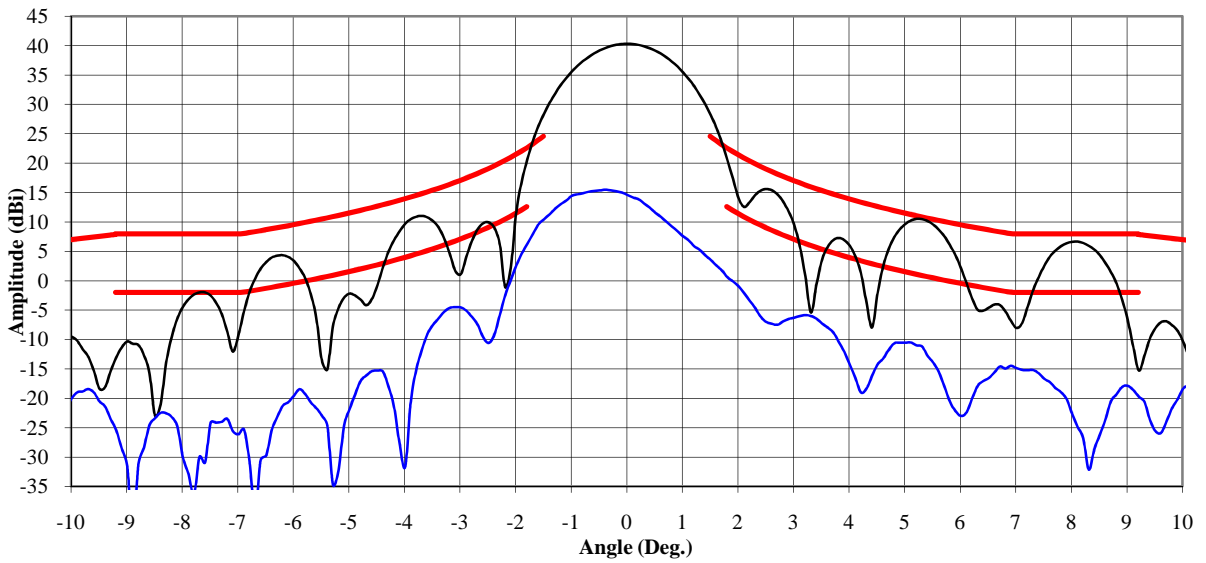
**Surfbeam-2 User Terminal**  
**Rx Az 20.20 GHz RHC**  
**Gain = 40.36 dBi**



**Surfbeam-2 User Terminal**  
**Rx El 19.70 GHz LHC**  
**Gain = 40.31 dBi**

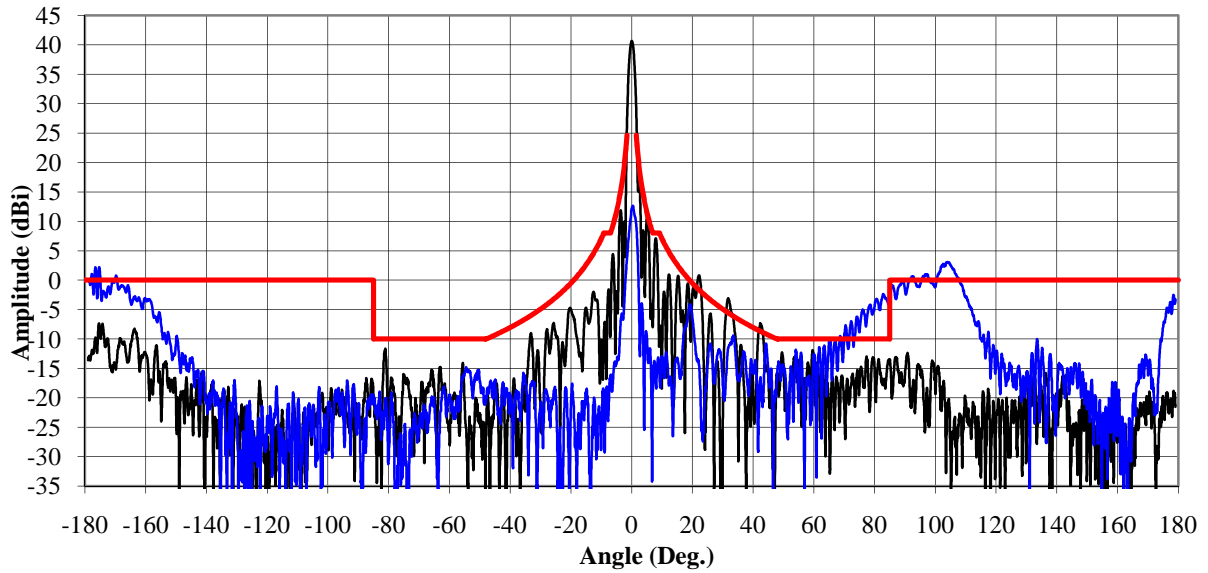


**Surfbeam-2 User Terminal**  
**Rx El 19.70 GHz LHC**  
**Gain = 40.31 dBi**

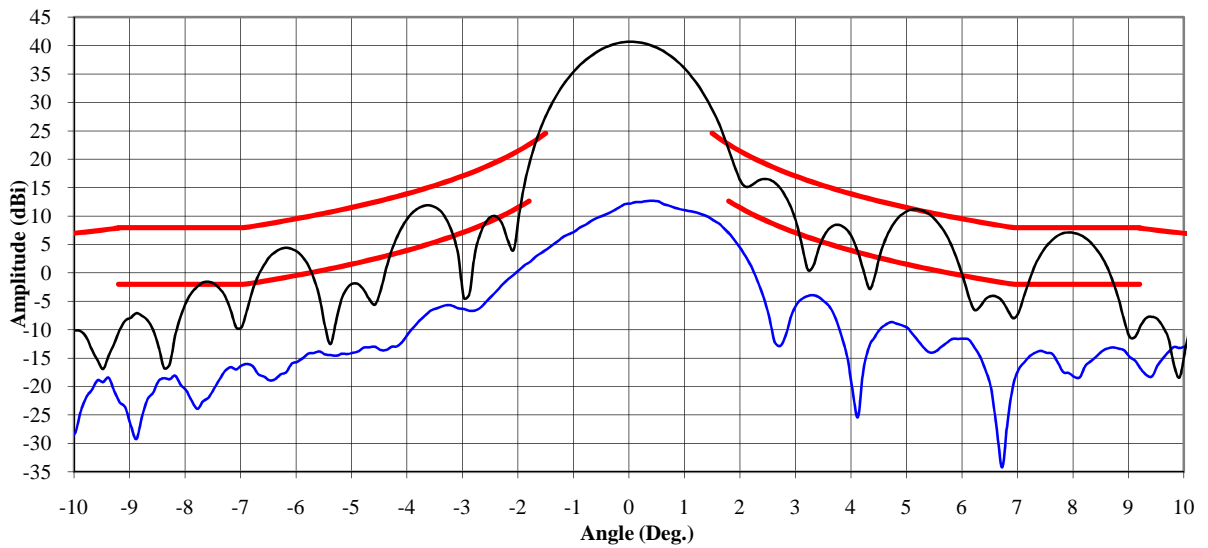




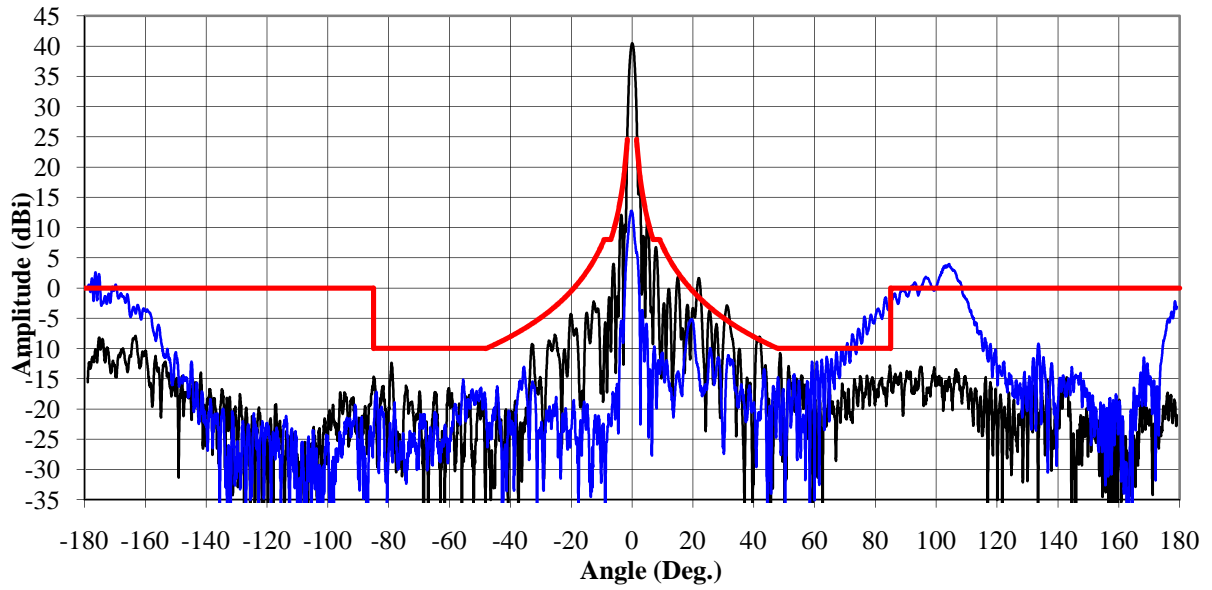
**Surfbeam-2 User Terminal**  
**Rx El 19.95 GHz LHC**  
**Gain = 40.60 dBi**



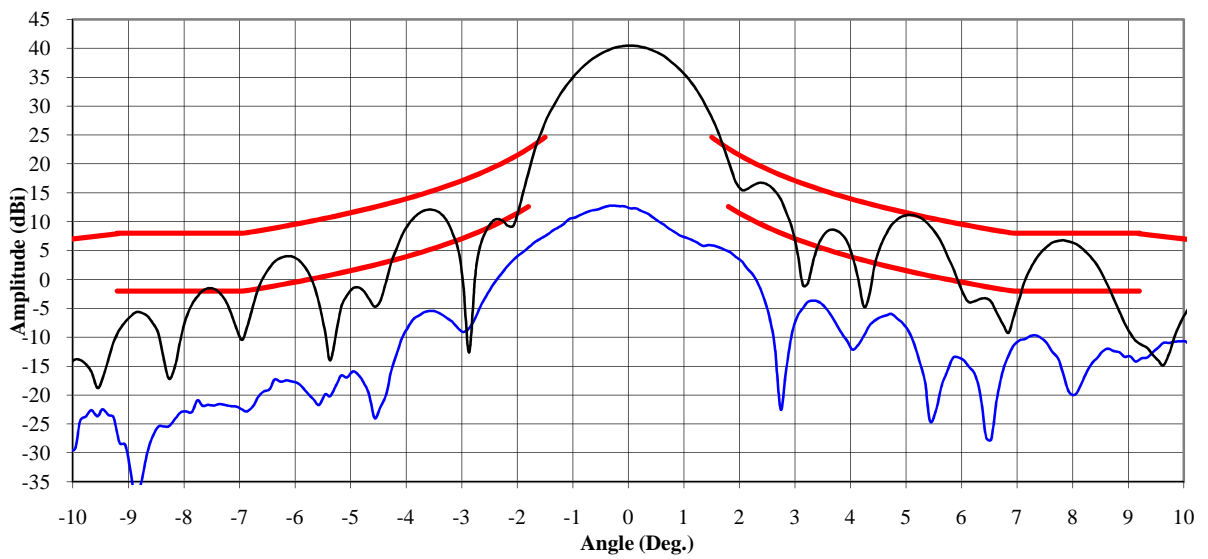
**Surfbeam-2 User Terminal**  
**Rx El 19.95 GHz LHC**  
**Gain = 40.60 dBi**



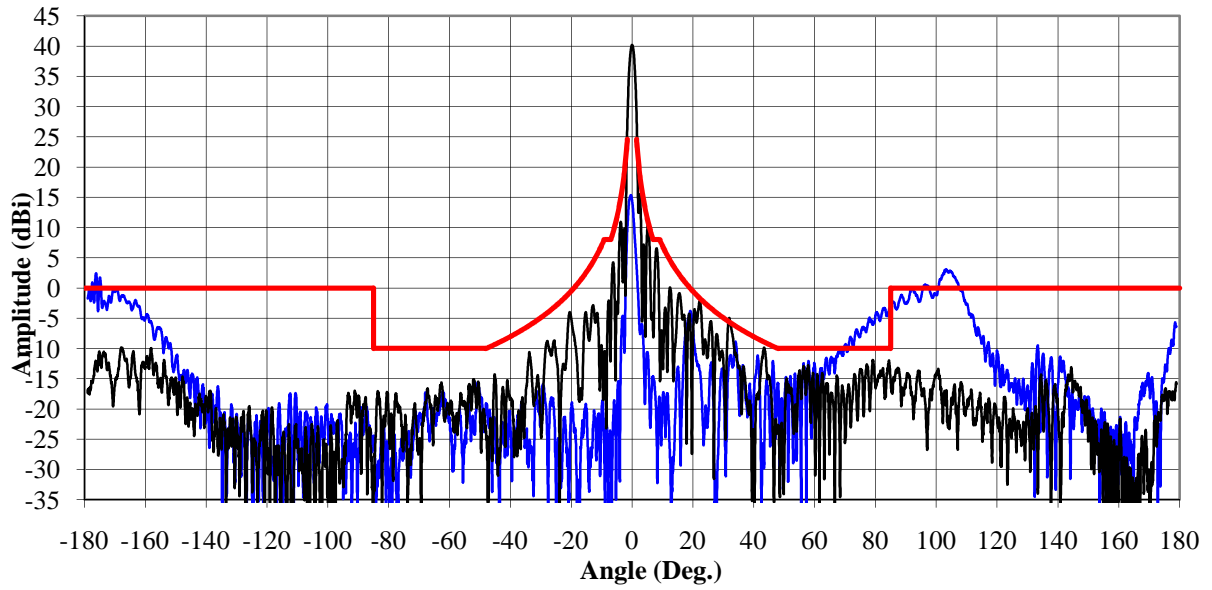
**Surfbeam-2 User Terminal**  
**Rx El 20.20 GHz LHC**  
**Gain = 40.40 dBi**



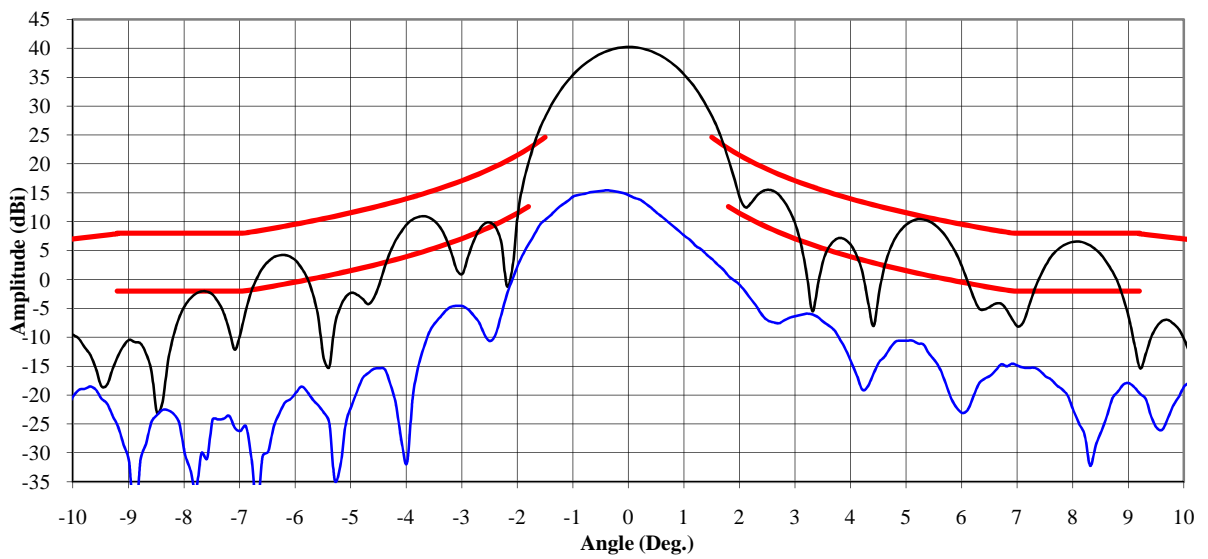
**Surfbeam-2 User Terminal**  
**Rx El 20.20 GHz LHC**  
**Gain = 40.40 dBi**



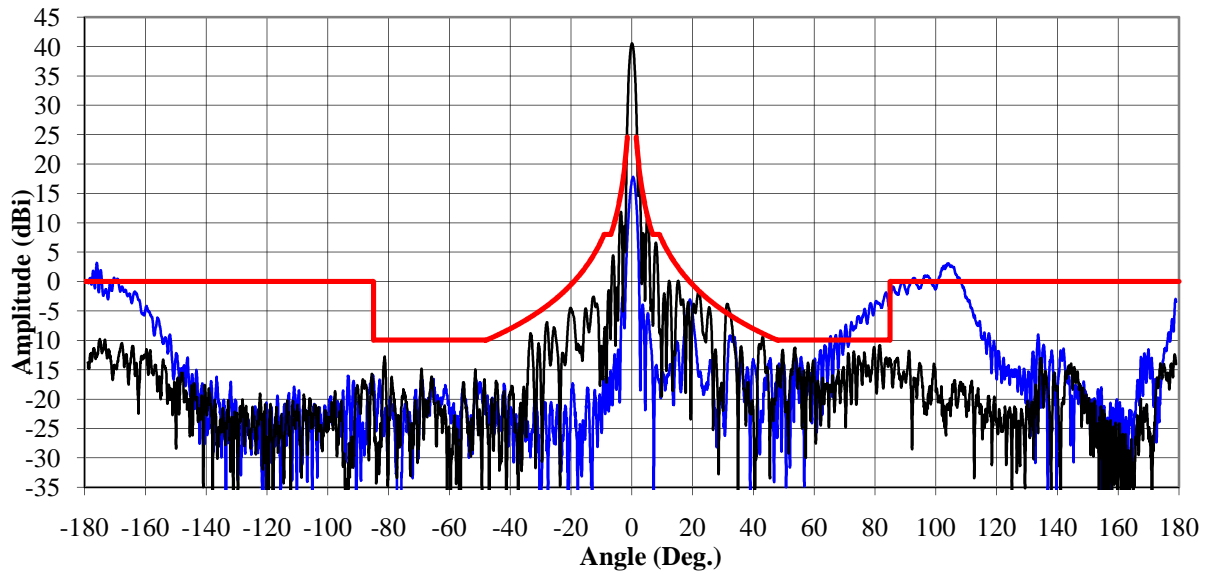
**Surfbeam-2 User Terminal**  
**Rx El 19.70 GHz RHC**  
**Gain = 40.23 dBi**



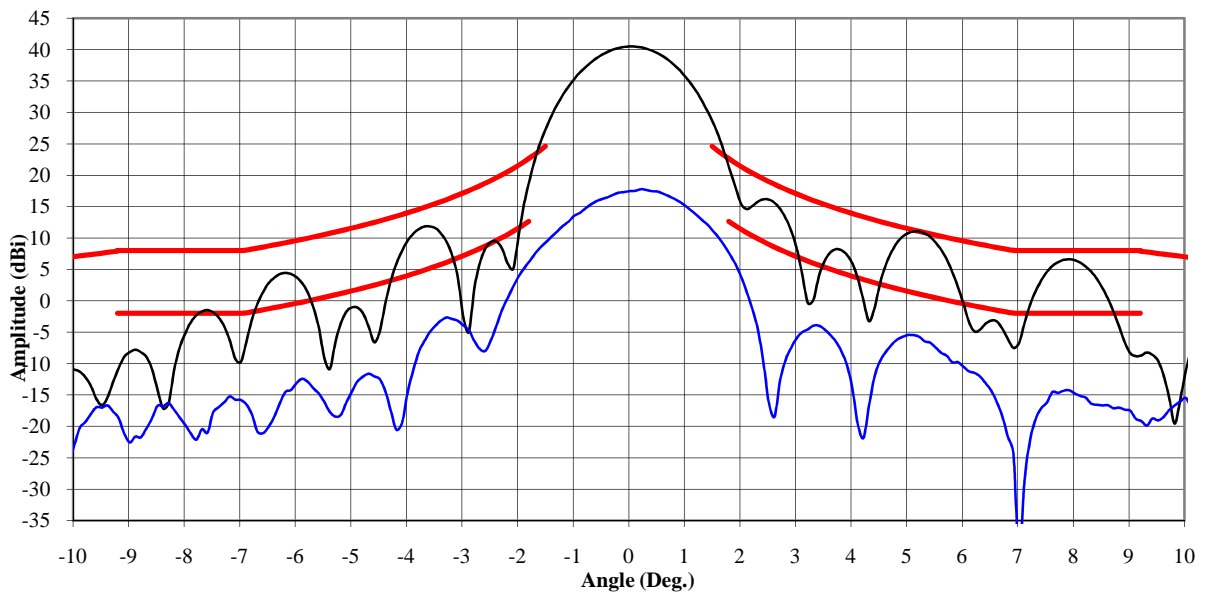
**Surfbeam-2 User Terminal**  
**Rx El 19.70 GHz RHC**  
**Gain = 40.23 dBi**



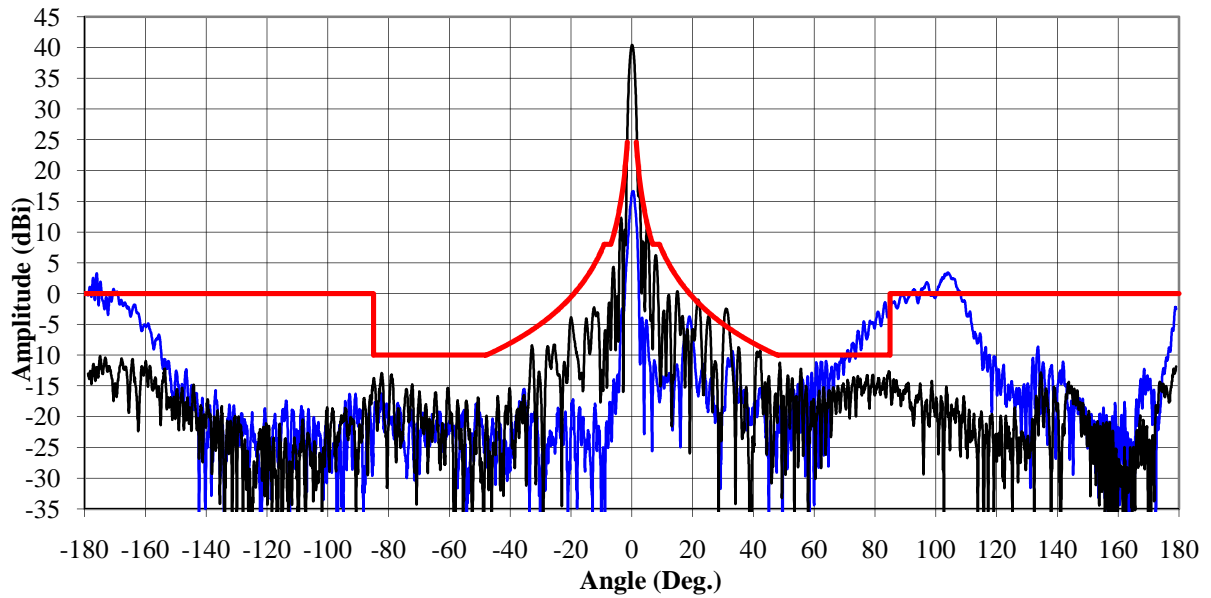
**Surfbeam-2 User Terminal**  
**Rx El 19.95 GHz RHC**  
**Gain = 40.53 dBi**



**Surfbeam-2 User Terminal**  
**Rx El 19.95 GHz RHC**  
**Gain = 40.43 dBi**



**Surfbeam-2 User Terminal**  
**Rx El 20.20 GHz RHC**  
**Gain = 40.36 dBi**



**Surfbeam-2 User Terminal**  
**Rx El 20.20 GHz RHC**  
**Gain = 40.36 dBi**

