

Declaration of Essential IPR

Patent Holder

Legal Name Adaptive Spectrum and Signal Alignment, Incorporated
 Group Company (if applicable) _____
 Company Registration Number C2536002

Contact for license application

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NICC Standards activity for which Essential IPR is declared

Work Item Study 321
 Task Group DSL TG
 Draft ND(s) ND1602, ND1405

Licensing declaration

The person named above (the **Patent Holder**) believes that it (or its Group Company specified above) holds granted patents and/or pending applications, whose use may be required to implement the above proposed NICC Standard(s) and hereby declares, in accordance with the NICC Standards IPR Policy: *(tick one)*

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By signing this declaration, the Patent Holder declares that it is authorised to do so by its Group Company specified above.

Words and expressions defined in the NICC Standards Limited IPR Policy have the same meaning in this Declaration.

Patent Information			
Number	Registration Number/Country	Title/Inventor	Status (granted/pending)
1			
2			
3			

Signature

Organisation
Name of authorised person
Title of authorised person

Adaptive Spectrum and Signal Alignment, Incorporated
Ken Kerpez
Director of Standards

Signature
Place, Date


NEW JERSEY, USA 1/28/2019