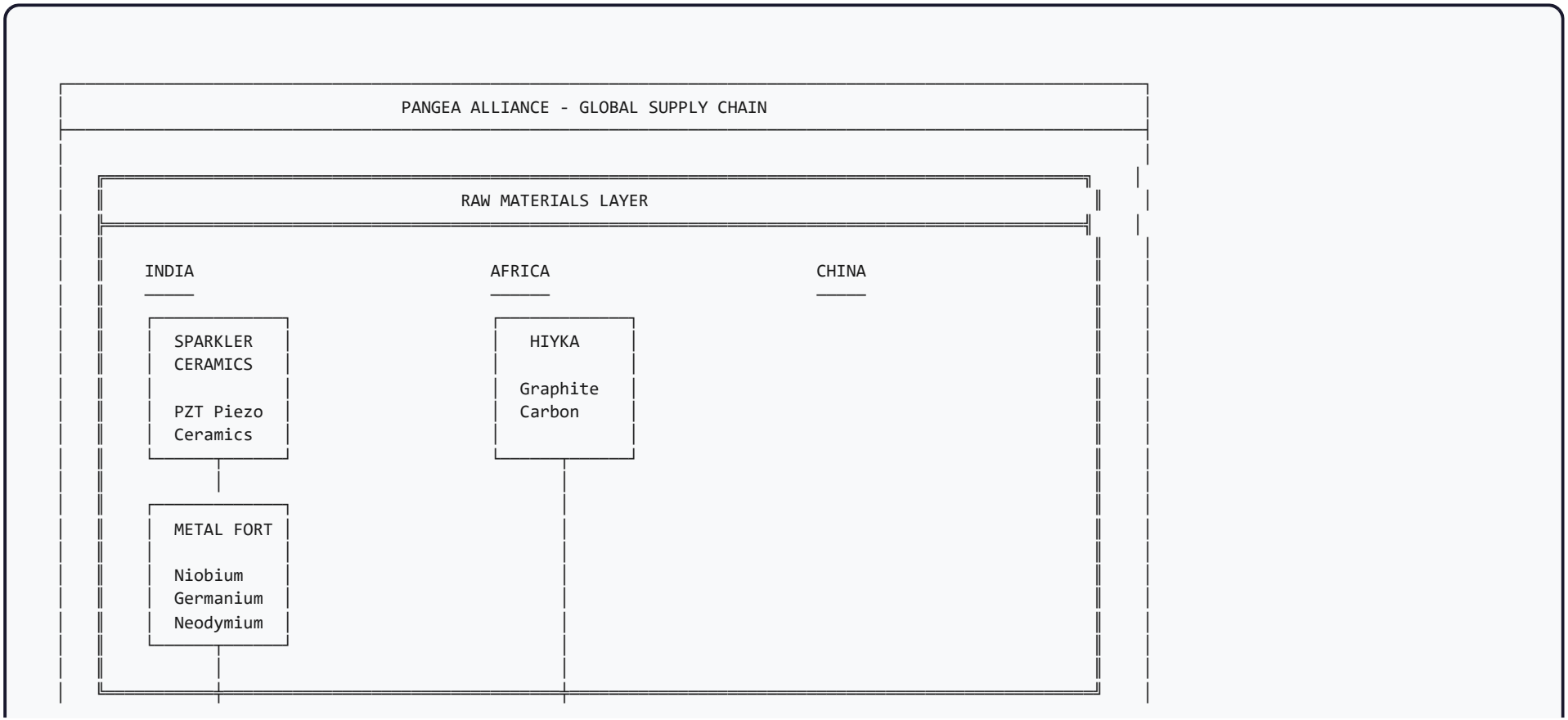
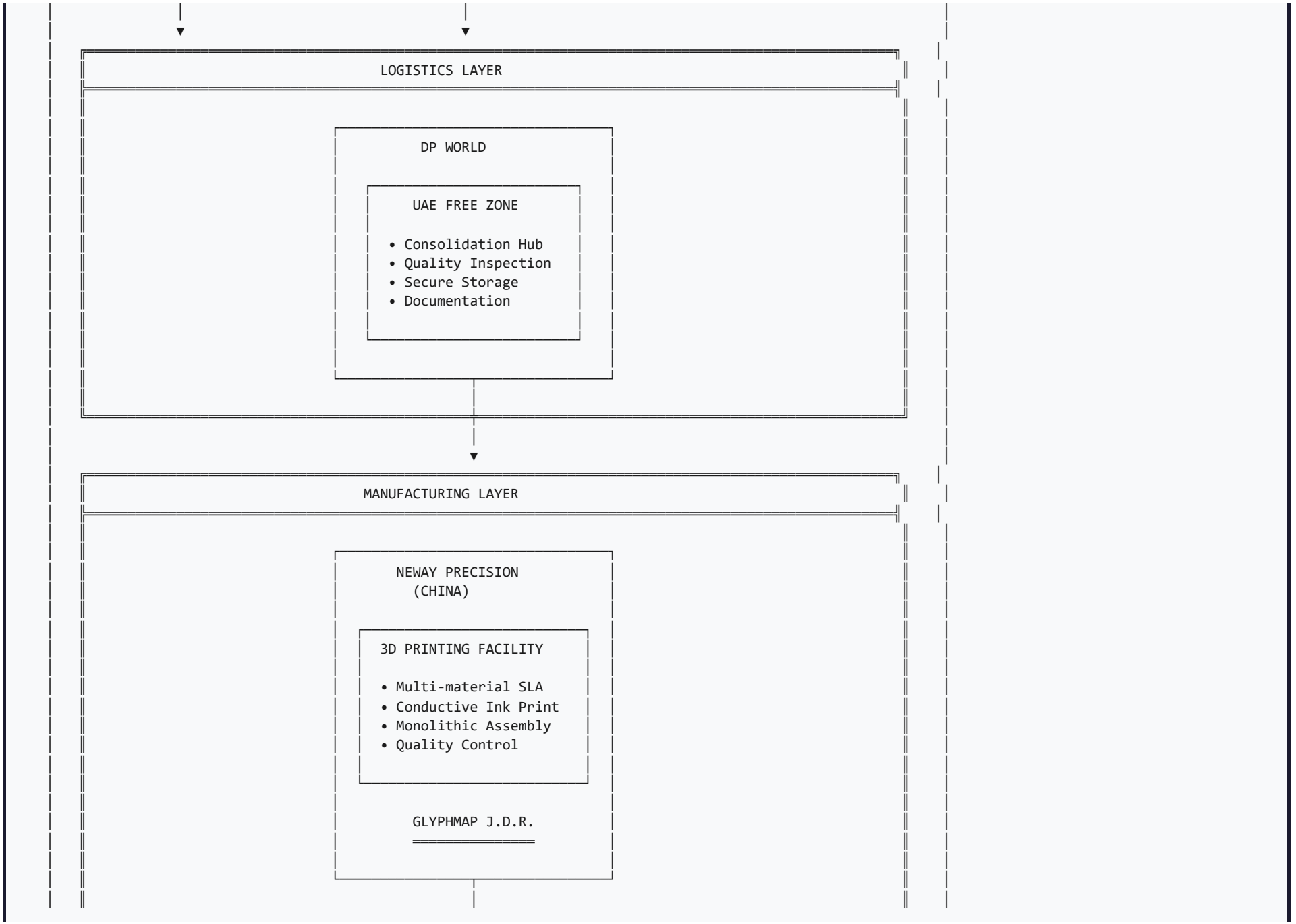
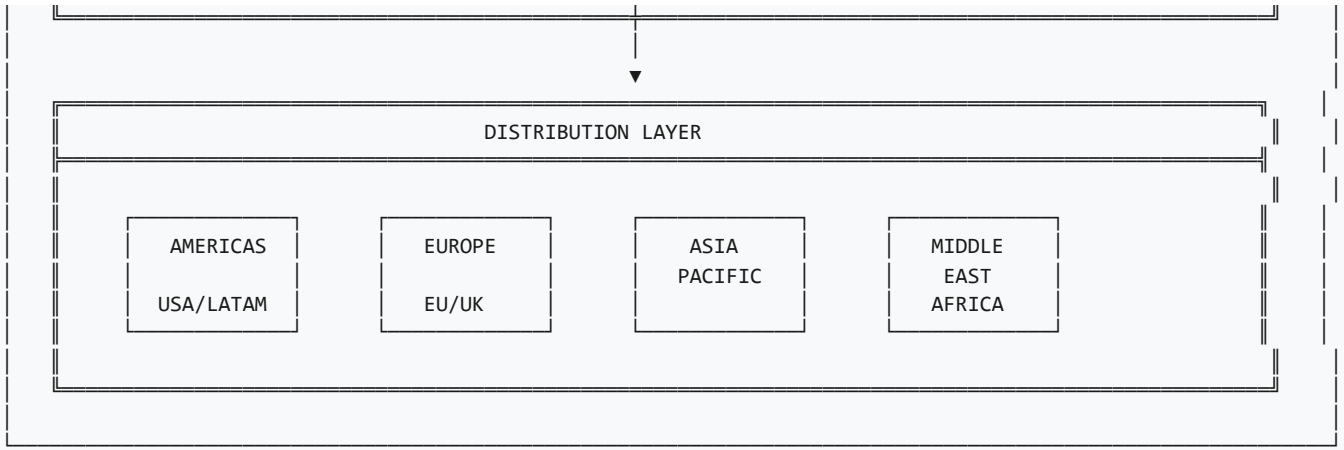
# PANGEA ALLIANCE - TECHNICAL DIAGRAMS

Document ID: ZEDEC-DIAGRAMS-2025-001

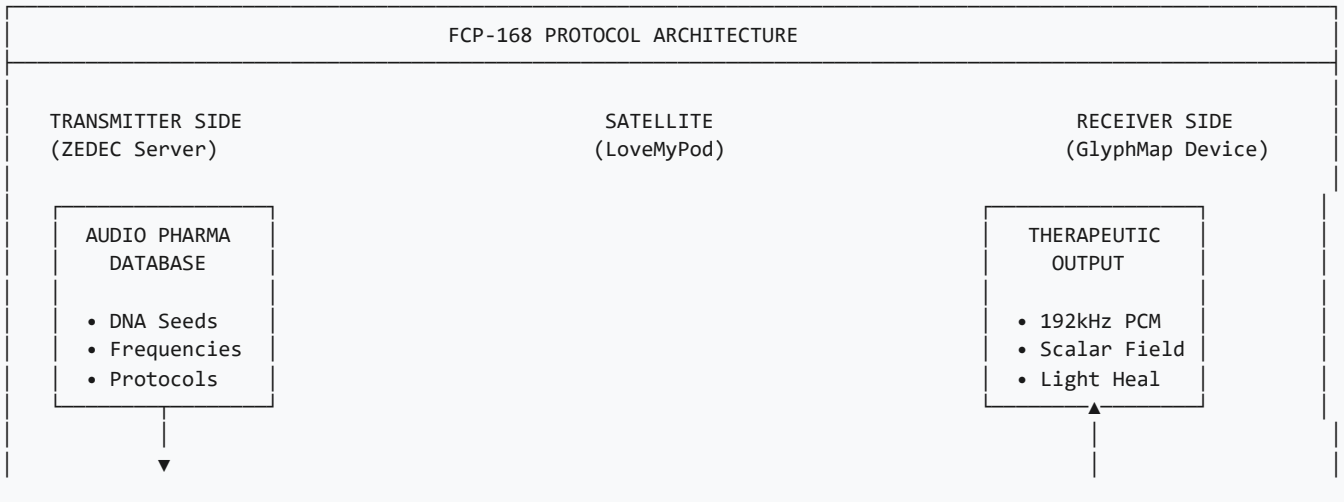
## 1. GLOBAL SUPPLY CHAIN FLOW

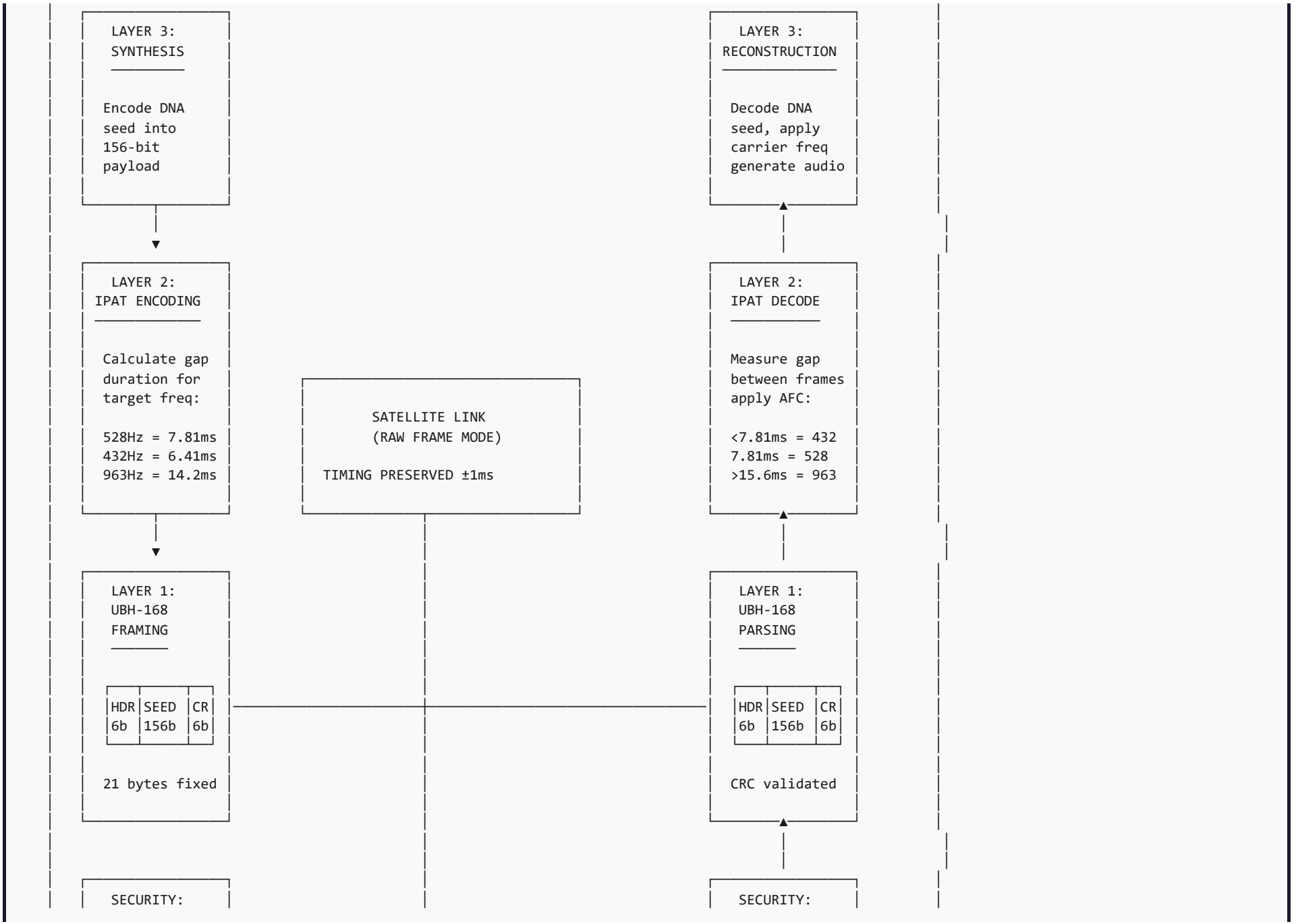


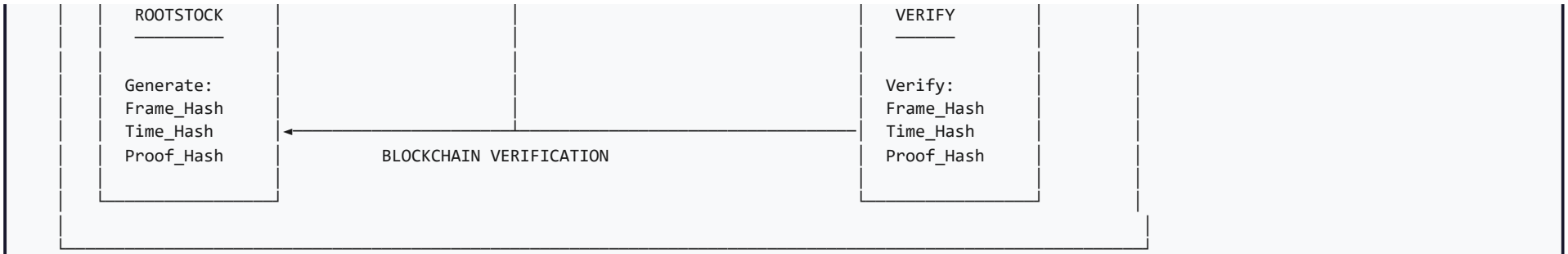

LOGISTICS LAYER
DP WORLD
UAE FREE ZONE
• Consolidation Hub
• Quality Inspection
• Secure Storage
• Documentation
MANUFACTURING LAYER
NEWAY PRECISION
(CHINA)
3D PRINTING FACILITY
• Multi-material SLA
• Conductive Ink Print
• Monolithic Assembly
• Quality Control
GLYPHMAP J.D.R.



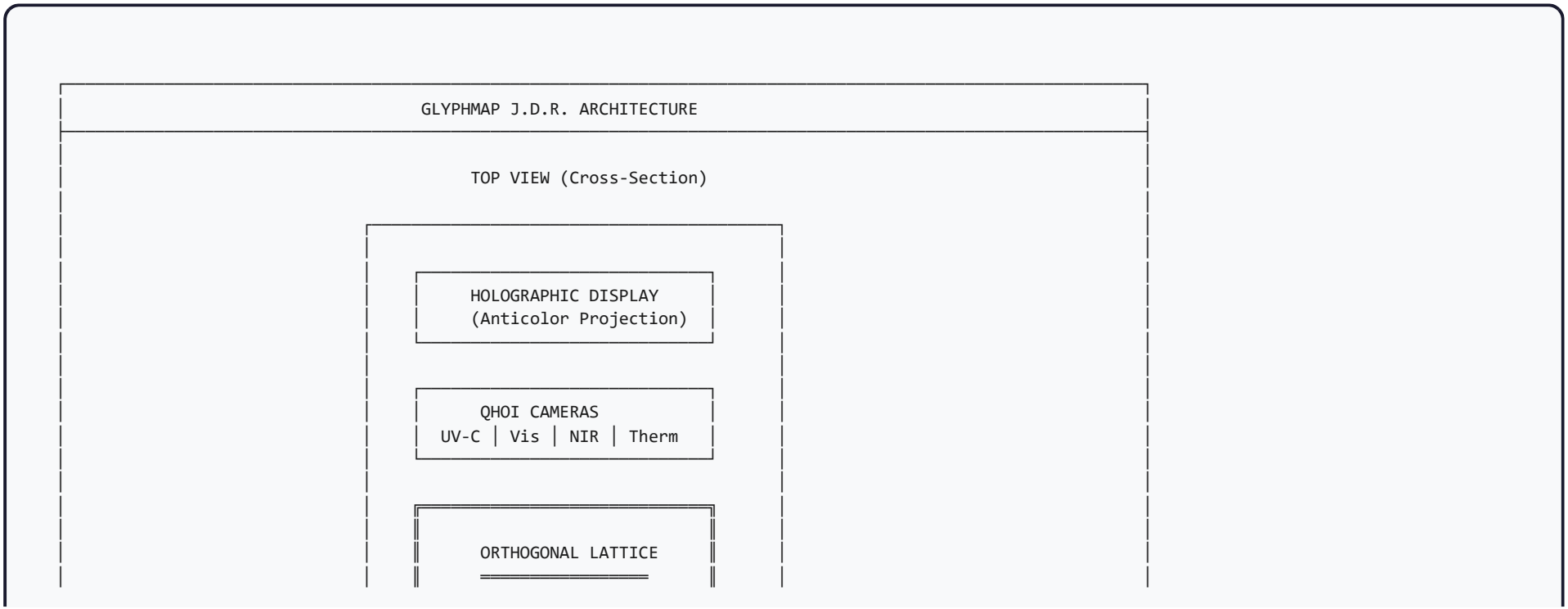

## 2. FCP-168 PROTOCOL STACK

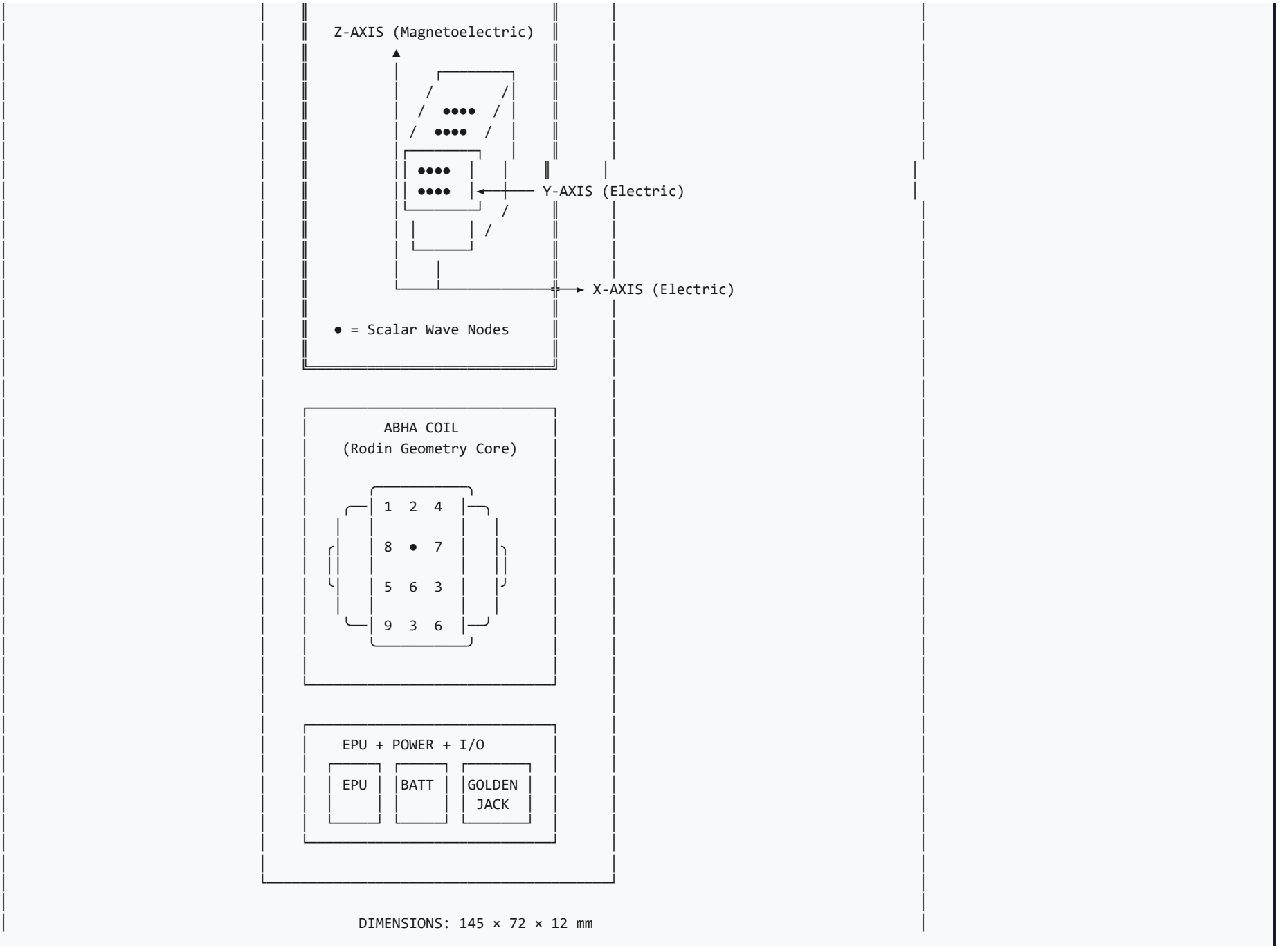


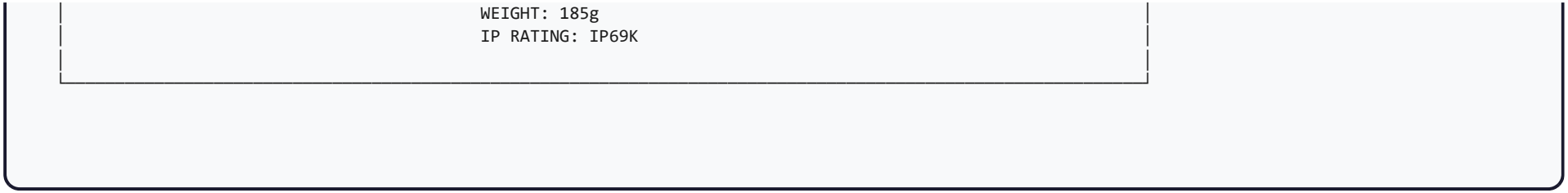

LAYER 3:
SYNTHESIS
Encode DNA
seed into
156-bit
payload
LAYER 2:
IPAT ENCODING
Calculate gap
duration for
target freq:
528Hz = 7.81ms
432Hz = 6.41ms
963Hz = 14.2ms
LAYER 1:
UBH-168
FRAMING
HDR
6b
SEED
156b
CR
6b
21 bytes fixed
SECURITY:
SATELLITE LINK
(RAW FRAME MODE)
TIMING PRESERVED ±1ms
LAYER 3:
RECONSTRUCTION
Decode DNA
seed, apply
carrier freq
generate audio
LAYER 2:
IPAT DECODE
Measure gap
between frames
apply AFC:
<7.81ms = 432
7.81ms = 528
>15.6ms = 963
LAYER 1:
UBH-168
PARSING
HDR
6b
SEED
156b
CR
6b
CRC validated
SECURITY:




## 3. DEVICE ARCHITECTURE




Z-AXIS (Magnetoelectric)
Y-AXIS (Electric)
X-AXIS (Electric)
● = Scalar Wave Nodes
ABHA COIL
(Rodin Geometry Core)
1 2 4
8 ● 7
5 6 3
9 3 6
EPU + POWER + I/O
EPU
BATT
GOLDEN JACK
DIMENSIONS: 145 × 72 × 12 mm



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