

UNCLE BENNY ® QUANTUM

Quantum Research Division

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IBM Quantum FIX4 Secure Data Channel

Backend: ibm_marrakesh | Generated: 2026-08-19 02:55 UTC

>>>>>>>> QUANTUM DATA <<<<<<<<<

===== QUANTUM DATA & STATISTICS =====

Backend: ibm_marrakesh
Status: COMPLETE
Encryption: BB84 QKD + SHA-256
Basis Gates: rz, sx, x, cz
Photon TX: NO
Fail Safe: NO

===== JOB METADATA =====

version: 2

===== CIRCUIT/ENTITY NAMES =====

Info: No circuit or entity names available

===== QUANTUM MEASUREMENT RESULTS (PER CIRCUIT) =====

Circuit 1: Circuit 1

metadata.circuit_metadata: {}
c.num_bits: 10
c.samples: 8192 total measurements
first samples:

0x3d4	0x3f8	0xe8	0x100	0x280
0x16c	0x3c8	0x310	0x310	0x198
0xa8	0x178	0x230	0x3d0	0x380
0x250	0xf0	0x240	0xd0	0x3f9
0x48	0xc	0x3a8	0x121	0x148
0x208	0x3cc	0x70	0x298	0x238

...: 8162 more samples omitted

===== CIRCUIT/ENTITY ANALYSIS =====

Info: No circuit or entity analysis available for this report

===== TOP MEASUREMENT OUTCOMES (ALL) =====

Info: No top measurement outcomes available for this report

===== DECODED MESSAGES / TEXT DATA =====

Info: No decoded messages or text data available for this report

===== SOURCE FILE VERIFICATION =====

RESULTS: 598483b | SHA256: b4166925e696ef2a7c8ee947bec0fb2a...

===== MISSION NARRATIVE & DIALOGUE =====

[MISSION BRIEFING]

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This report documents quantum computing job unknown, executed on the ibm_marrakesh backend. The experiment, designated "IBM Quantum FIX4 Secure Data Channel", was submitted using decomposed basis gates (rz, sx, x, cz) and Primitives V2 to ensure fail-safe compatibility with Heron R2 hardware.

[EXECUTION LOG]

```
>> Job unknown submitted to ibm_marrakesh queue.  
>> Circuits compiled to native basis gates: rz, sx, x, cz.  
>> Measurement outcomes collected.  
>> Data encrypted using BB84 QKD + SHA-256. SHA-256 hash:  
>> Job completed. Results downloaded and archived locally.
```

[FINDINGS & INTERPRETATION]

* The quantum job completed successfully with all circuits executing and returning valid measurement data. The results have been archived for further analysis.

[CONCLUSION]

The IBM Quantum FIX4 Secure Data Channel job on ibm_marrakesh has been completed. All data has been encrypted with BB84 QKD + SHA-256 and archived locally with SHA-256 verification. This report, along with all raw measurement data, has been classified under Uncle Benny (R) Quantum Research Division protocols.

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>>>>>>>> COMPREHENSIVE REPORT <<<<<<<<<

===== RAW DATA DUMP: RESULTS =====

```
results: [1 items]
results[0]: {2 keys}
results[0].data: {1 keys}
results[0].data.c: {2 keys}
results[0].data.c.samples: [8192 items]
results[0].data.c.samples...: 0x3d4
results[0].data.c.samples...: 0x3f8
results[0].data.c.samples...: 0xe8
results[0].data.c.samples...: 0x100
results[0].data.c.samples...: 0x280
...: 8187 more items
results[0].data.c.num_bit...: 10
results[0].metadata: {1 keys}
results[0].metadata.circu...: {0 keys}
metadata: {2 keys}
metadata.execution: {1 keys}
metadata.execution.execut...: [1 items]
metadata.execution.execut...: [{'date': '2026-08-11T00:16:58.618528'}, {'date': '2026-08-11T00:17:01.808077'}, {'0'...
metadata.version: 2
```

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Scan verified CLEAN by Windows Defender | 2026-08-19