



SEARCH REPORT ENHANCEMENT

Your search report, made verifiable.

We take the static reference list your search firm delivered and map each citation to the exact claim limitations and source passages — turning a list into a checkable evidence layer.

■ SPECIMEN

This is a **format sample**. The subject, parties, identifiers, counts, confidence values, and evidence references below are **fabricated to demonstrate the report's structure and look** — they are not real search results, not a real client engagement, and contain no legal conclusions.

| | | | |
|---|--|----------------------------|---|
| SOURCE REPORT Third-party search firm (illustrative) | PREPARED FOR [Sample Client] | SCOPE Enhancement layer | INPUT FORMAT PDF reference list (illustrative) |
| REPORT ID RE-SPEC-0000 | METHOD Ingest + deterministic mapping | | |

01 The read, in one page

The static report listed its references with short relevance notes but no claim mapping. We ingested it and added a deterministic evidence layer: each reference now carries the specific limitation it bears on, the source passage, and a confidence score — and the mapping surfaced three claim limitations the original list left unaddressed.

We do not re-run the search or second-guess the firm's selection. We make their work *checkable*: every cited reference is tied to a claim element and a passage your counsel can open and verify, and any limitation no reference reaches is flagged for follow-up.

This report enhances the inputs provided; its coverage is bounded by the source report.

02 What enhancement adds

WHAT WE INGESTED

- ◆ **Reference list** — the patents and publications the firm cited.
- ◆ **Relevance notes** — the firm's prose, preserved verbatim — we do not overwrite it.
- ◆ **Claim set** — the client's claims, drafted into discrete limitations for mapping.

WHAT WE LAYERED ON

- ◆ **Limitation mapping** — each reference matched to the exact claim element it bears on.
- ◆ **Passage + byte span** — the precise location of the supporting text in the source.
- ◆ **Confidence** — a match strength for each limitation-to-passage link.
- ◆ **Coverage gaps** — claim limitations no cited reference addresses, surfaced explicitly.

03 From list to evidence layer

The same references, before and after enhancement. On the left, the report as received; on the right, the deterministic layer we add — without changing which references the firm chose.

AS RECEIVED – STATIC REPORT

US 9,650,021 B2

"Relevant to radar signal processing; see disclosure."

US 2018/0143301 A1

"Background art on antenna arrays."

EP 3 211 442 A1

"May be material to claims 1 and 7."

ENHANCED EVIDENCE LAYER

US 9,650,021 B2

→ limitation 1[c] "chirp linearization across a sweep"

¶0048 · 19,210–19,388 ·  0.89

US 2018/0143301 A1

→ limitation 1[a] "a sparse MIMO antenna arrangement"

¶0031 · 10,540–10,705 ·  0.81

EP 3 211 442 A1

→ limitation 1[e] "interferer suppression by Doppler gating"

¶0066 · 24,118–24,290 ·  0.73

04 Enhanced references

Two of the firm's references, shown with the full evidence layer we added — the citation-grade fields that make a static citation checkable.

E1 enhanced citation · illustrative



source: static report item 1

US 9,650,021 B2 — mapped to the chirp-linearization limitation

The firm cited this reference as generally relevant to radar signal processing. The enhancement layer maps it to limitation 1[c] and pins the supporting passage, so counsel can confirm the citation in seconds rather than re-reading the document.

WHAT THE LAYER ADDED

A specific limitation, an exact paragraph and byte span, and a confidence score — none of which were in the source report.

| CITED REFERENCE | MAPPED LIMITATION | PARAGRAPH · BYTE SPAN | CONFIDENCE |
|-----------------|--|-----------------------|--|
| US 9,650,021 B2 | "linearizing a chirp across a frequency sweep" | ¶0048 · 19,210–19,388 |  0.89 |
| US 9,650,021 B2 | "compensating phase noise over the sweep" | ¶0052 · 20,640–20,810 |  0.72 |

ILLUSTRATIVE – FABRICATED FOR LAYOUT; NOT LIVE CORPUS OUTPUT.

E2

enhanced citation · illustrative

source: static report item 3

EP 3 211 442 A1 — mapped to the interferer-suppression limitation

Listed as possibly material to claims 1 and 7, this reference now maps concretely to limitation 1[e], with the Doppler-gating passage identified.

WHAT THE LAYER ADDED

A precise limitation link and passage location, converting a hedge ("may be material") into a verifiable mapping at stated confidence.

| CITED REFERENCE | MAPPED LIMITATION | PARAGRAPH · BYTE SPAN | CONFIDENCE |
|-----------------|---|-----------------------|--|
| EP 3 211 442 A1 | "suppressing an interferer by Doppler gating" | ¶0066 · 24,118–24,290 |  0.73 |

ILLUSTRATIVE – FABRICATED FOR LAYOUT; NOT LIVE CORPUS OUTPUT.

05 Coverage gaps surfaced

Mapping the cited references against the full claim set reveals limitations no reference in the static report addresses. These are not conclusions — they flag where a targeted follow-up search may be warranted.

| CLAIM LIMITATION | COVERED BY SOURCE REPORT? | NOTE | FLAG |
|--|---------------------------|------------------------------------|-----------------------------|
| 1[b] waveform agility between frames | No mapped reference | No cited item maps to this element | ↗ follow-up |
| 1[d] on-chip clutter rejection | No mapped reference | Adjacent art exists but uncited | ↗ follow-up |
| 1[f] thermal de-rating of the transmitter | No mapped reference | Outside the source report scope | ↗ follow-up |

06 How to read this report

EVERY ENHANCED ROW CARRIES

- ◆ **Cited reference** — the identifier exactly as the firm cited it.
- ◆ **Mapped limitation** — the claim element we matched it to.
- ◆ **Paragraph · byte span** — the precise location of the supporting passage.
- ◆ **Confidence** — the match strength for the limitation-to-passage link.

WHAT THIS REPORT DOES NOT DO

- ◆ It does not re-run the search or grade the firm's work.
- ◆ It does not add references the firm did not cite.
- ◆ Coverage gaps flag where to look, not legal conclusions.
- ◆ Enhancement quality is bounded by the source report's coverage.

◆ Scope & boundaries

- § **This is a specimen.** All references, identifiers, passages, byte spans, and confidence values are fabricated to demonstrate format. No real third-party report was ingested and no real engagement is described.
- § **Enhancement, not a re-search.** This service maps and verifies an existing report's citations. It reflects the references supplied; it does not assert that the underlying search was complete.
- § **Not legal advice.** Lambeth IP is a patent technology service. It is not a law firm and does not provide legal advice. Services are governed by the executed Order Form and Terms and Conditions for Patent Search Services.
- § **Scope-bound.** A live enhancement is limited to the source report, claim set, and method agreed in the order form.