



**I. P.R. 4-3(a) Agreed Claim Constructions**

The Parties have not agreed on any constructions. However, the Parties agree that the terms that are not proposed for construction in Exhibit A do not require construction.

**II. P.R. 4-3(b) Proposed Constructions for Terms in Dispute**

See Exhibit A for a chart showing the Parties' proposed constructions with intrinsic and extrinsic evidence supporting such constructions. All Parties reserve the right to rely upon any intrinsic or extrinsic evidence identified by any other Party, and any evidence obtained through claim construction discovery. In addition, each Party reserves the right to amend, correct, or supplement its claim construction positions and supporting evidence in response to any change of position by any other Party, or for other good cause.

**III. P.R. 4-3(c) Anticipated Length of Time for Claim Construction Hearing**

Rembrandt proposes that each side receive 30 minutes for oral argument on claim construction issues. Apple proposes that each side receive 45 minutes for oral argument on claim construction issues.

**IV. P.R. 4-3(d) Anticipated Witnesses at the Claim Construction Hearing**

No Party currently expects to call any witnesses, including expert witnesses, at the claim construction hearing.

**V. P.R. 4-3(e) Other Issues to Be Addressed at Claim Construction Prehearing Conference**

The Parties are not aware of any other issues at this time that might be appropriately addressed at a prehearing conference prior to the Claim Construction Hearing.

Dated: September 9, 2019

Respectfully submitted,

For Plaintiff	For Apple
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EXHIBIT A

Term to be Construed	Rembrandt's Proposed Construction	Rembrandt's Supporting Evidence	Apple's Proposed Construction	Apple's Supporting Evidence
<p>modulation method [ ] of different type" / different types of modulation methods"                      30 claims 1, 58                      28 claim 1</p>	<p>"different families of modulation techniques, such as the FSK family of modulation methods and the QAM family of modulation methods"</p>	<p><b>Extrinsic Evidence:</b>                      Claim Construction Order (Payne), Case 2:13-cv-213- JRG-RSP, Dkt. No. 114, p.29, RIP00087141.                       Order Denying JMOL (Gilstrap), Case 2:13-cv-213-JRG, Dkt. No. 352 at 7-8, RIP00087177-8.                       Fed. Cir. Opinion, Case No.16-1729, Dkt. No. 66-2 at 9, RIP00087188.                       Fed. Cir. Order Denying Petition for Rehearing, Case No. 16-1729, Dkt. No. 72.                       Collins English Dictionary (2012), RIP0013522                       EnggPedia.com (2014), RIP0013523-6                       The IEEE Standard Dictionary of Electrical and Electronics Terms (6th ed.,1996), RIP0013539                       Modern Dictionary of</p>	<p>"different families of modulation techniques, such as the FSK family of modulation methods and the QAM family of modulation methods, wherein different families may have overlapping characteristics"</p>	<p><b>Extrinsic Evidence:</b>                      GRAHAME SMILLIE, ANALOGUE AND DIGITAL COMMUNICATION TECHNIQUES at e.g., 59-96 (Arnold 1999)                       GEOFFREY E. LEWIS, NEWNES COMMUNICATIONS TECHNOLOGY HANDBOOK at e.g., 186-203 (Newnes 1994)                       CARL NASSAR, TELECOMMUNICATIONS DEMYSTIFIED: A STREAMLINED COURSE IN DIGITAL COMMUNICATIONS (AND SOME ANALOG) FOR EE STUDENTS AND PRACTICING ENGINEERS at e.g., 115-70 (LLH Technology 2001)                       FUQIN XIONG, DIGITAL MODULATION TECHNIQUES at e.g., 1-16 (Artech House 2000)                       WAYNE TOMASI, ELECTRONIC</p>

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