Exhibit A-14 - Invalidity of U.S. Patent No. 10,715,235 in view of U.S. Patent No. 7,155,2

Based upon XR Communications' Complaint, Infringement Contentions, and apparent claim constructions and a accused products, as best as they can be deciphered, the reference charted below anticipates or at least renders ob invalidity contentions are not an admission that the accused products are covered by or infringe the asserted clai claims are properly construed and applied. These invalidity contentions are not an admission that concedes or ac construction implied or suggested by XR Communications' Complaint or Infringement Contentions. These inval asserting any claim construction positions through these charts, including whether the preamble is a limitation. T reference cited below are not exhaustive but are exemplary in nature.

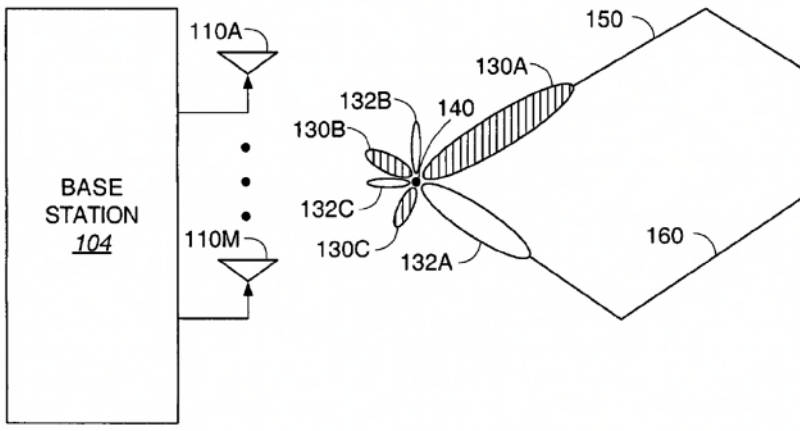
U.S. Patent No. 7,155,231 to Joseph P. Burke ("Burke"), filed Oct. 15, 2002, with Provisional Application No. 6 and published Aug. 14, 2003, qualifies as prior art under at least pre-AIA 35 U.S.C. §§ 102(a), (b) and (e). As de chart, the asserted claims of the U.S. Patent No. 10,715,235 (the "'235 Patent") are invalid as anticipated by Bur

To the extent that Burke is found not to anticipate one or more of the asserted claims of the '235 Patent, these cla view of Burke alone, in view of the background knowledge and ordinary creativity of a person having ordinary s '235 Patent was invented, or in combination with other prior art references disclosed in Defendants' Invalidity C accompanying charts, including without limitation as set forth below.

Claim 1

No.	U.S. Patent No. 10,715,235	U.S. Patent No. 7,155,231 ("Burke
1pre	A receiver for use in a wireless communications system, the receiver comprising:	To the extent the preamble is limiting, Burke expressly or inhere element. *See, e.g.*, "Techniques for pre-correction of transmit signals are disclosed. antenna array configurable to generate multiple transmit beams i for configuring the antenna array are computed in response to ch floor estimate made at the receiver. Information is transmitted in transmit beams, delayed as necessary, such that the multipaths m phase at the receiver. In another aspect, pre-RAKE pre-correctio

No.	U.S. Patent No. 10,715,235	U.S. Patent No. 7,155,231 ("Burke
		Wiener weights. In yet another aspect, space-time diversity is de values for FIR filters used in transmission on the transmit antenn space only pre-correction is deployed. Various other aspects are have the benefit of reducing the interference experienced at a rec capacity, increased data throughput, and other system benefits." "For clarity, the examples used in describing this invention may originator of signals and mobile stations as receivers and acquire on the forward link. Those skilled in the art will understand that stations may be equipped to transmit data as described herein an invention apply in those situations as well." Burke, 3:54-61. "FIG. 12 depicts a present embodiment of a mobile station 106, with base station 104 and any of the signal conditioners 320, des received at antenna 112 (which may be a single antenna, or an a deploying diversity techniques known in the art). The received s receiver 1210, using techniques appropriate for one or more com compatible with mobile station 106, such as those described abo include amplification, filtering, down conversion, analog to digi techniques known in the art." Burke, 25:56-67. "In an alternate embodiment, base station 104 may be deployed processor 310. The pre-correction parameters may be generated mobile station 106, and transmitted for application to signal con receiver 370, and message decoder 380, as described above. Thi shown." Burke, 5:65-6:4.
1a	An antenna, wherein the antenna comprises a first antenna element and a second antenna element;	Burke expressly or inherently discloses this claim element. *See, e.g.*,

No.	U.S. Patent No. 10,715,235	U.S. Patent No. 7,155,231 ("Burke
		Burke's mobile station 106 receives a first signal transmission th second signal transmission through signal path 160 from the bas  FIG. 2 Burke, Fig. 2. An array of antennas 110A-110M can "be used to transmit signa simultaneously" and that each antenna in the array can be used t individual path. Burke, 5:54-55, 8:42-51. Antenna 112 at the mobile station "may be a single antenna, or a Burke, 25:58-61.

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		"As described above, during optimum performance, pre correcti weights and delays that cause the signals received along the vari simultaneously and in-phase." Burke, 7:66-8:2. "[D]uring optimum performance, precorrection processor 310 pr that cause the signals received along the various M multipaths to phase." Burke, 26:16-22; *see also id.* 5:54-55; *see also* 7:18-25 "Fig. 12 depicts a present embodiment of a mobile station 106, c with base station 104 and any of the signal conditioners 320, des received at antenna 112 (which may be a single antenna or an ar deploying diversity techniques known in the art). The received receiver 1210, using techniques appropriate for one or more com compatible with mobile station 106, such as those described abo include amplification, filtering, down conversion, and other tech Burke, 25:56-27:22; *see also id.* 4:6-18.

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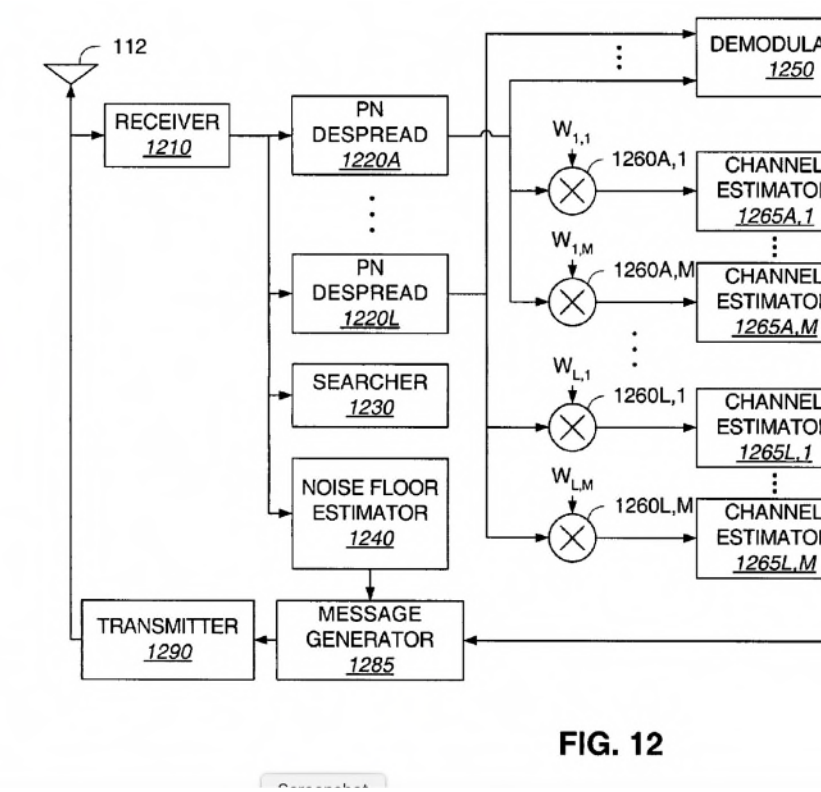

FIG. 12

Burke, Fig. 12.

"Between the lobes of an antenna beam pattern there exists a nu
transmitted through antennas 104 destructively interfere with e
antenna pattern 130, nulls exist between lobes 130A and 130B, b
130C, and between 130C and 130A. In an embodiment, anten
formed such that its primary lobe 130A is placed within or nearly
lobes 132A and 132B of antenna beam pattern 132. Similarly
132 is formed such that its primary lobe 132A is placed within o

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