

Exhibit A

1 same structure, right? We have a separate overlay code
2 generator, a separate orthogonal code generator, and two
3 separate encoders, right?

4 A. In this example, yes.

5 Q. Okay. And if we look at -- I didn't
6 color-code these -- on the receiver side, we see
7 orthogonal code generator, overlay code generator, and
8 two de-spreaders, right?

9 A. That's right. Yes, we do.

10 Q. Okay. If we look at the next figure, we see
11 the same thing, same structure: Orthogonal code
12 generator, overlay code generator, two de-spreaders on
13 the receive side, right?

14 A. That's right. In this example, we do.

15 Q. Okay. If we go to Figure 12, we see another
16 example. We see overlay code -- it's a little different
17 format. Overlay code over here, RW code, which is the
18 orthogonal code, separate place, and two separate
19 encoders, right?

20 A. Yes, we do.

21 Q. Okay. In fact, we could go through every
22 example in the patent, and that's the structure we're
23 going to see, right?

24 A. In those embodiments, yes.

25 Q. In every one of the embodiments in the patent,

1 that's what we're going to see, right?

2 A. Yes.

3 Q. Okay. And, in fact, the patent even lists
4 examples of how the code works.

5 So if we look at Column 10, right -- and
6 that's how patents are organized, in columns and line
7 numbers, right?

8 It says Column 10 of the '326 patent?

9 A. Yes.

10 Q. If we look down below, we see it's got a
11 table, and this is the RW codes or the orthogonal codes,
12 right?

13 A. Yes, that's right.

14 Q. All right. And then you have a separate table
15 with additional codes for the overlay, which we find in
16 Column 15, Table 2, the overlay codes, a separate table
17 of codes for the overlay, right?

18 A. That's right. In this example, we do.

19 Q. All right. And the way that would work, just
20 like the structure we saw in the claims, is that you
21 would first use -- or you would use the orthogonal
22 codes, and then you would use the overlay codes in
23 whatever order you want, right?

24 MR. BORGMAN: Objection, Your Honor. May

25 we approach?

1 THE COURT: Yes, you may.

2 (Bench conference.)

3 MR. BORGMAN: This is a limine issue,
4 Your Honor. We've got a limine motion and order about
5 suggesting that the claims require something different
6 than the claim construction or saying things that are
7 contrary to the claim construction order.

8 Mr. Arovas's question just went to the
9 order in which the overlay codes and the orthogonal
10 codes have to be applied. And in your order, it says
11 that they can be applied simultaneously; they do not
12 have to be applied in seriatim.

13 MR. AROVAS: I say in any order, but I'm
14 happy to reask the question and say simultaneously.
15 That wasn't the intent.

16 THE COURT: All right. Reask the
17 question.

18 (Bench conference concluded.)

19 Q. (By Mr. Arovas) Okay. So going back to what
20 we were talking about, so when we look at the examples
21 in the specification, you see there's a set of
22 orthogonal codes, a different set of overlay codes; and
23 you can apply them in any order or simultaneously, but
24 there's two sets, right?

25 A. In -- in this embodiment, yes.

1 Q. Okay. And, in fact, if we were to go through
2 the entire specification, we wouldn't find any example
3 that uses one code to both contain the orthogonal and
4 the overlay code, right?

5 A. Well, there's examples in there about how
6 codes can be mixed together.

7 Q. Okay. Here's my question, okay? It's a fact
8 that there isn't any example or embodiment in any of the
9 patents-in-suit that disclose the orthogonal code and
10 the overlay code to be a single code, correct?

11 A. The answer to that is no -- I beg your pardon.
12 The -- you are correct.

13 Q. I'm correct. There isn't a single example
14 that uses the orthogonal code and the overlay code to be
15 a single code, right?

16 A. That's right. There's examples of how you can
17 mix codes together, but you are correct.

18 Q. Okay. So now let's turn to some of your
19 allegations where you compare the claims to -- and I'll
20 just leave this up here in case we need to refer to
21 it -- when you compare the claims to the accused
22 products, okay?

23 So first let's talk about Alcatel-Lucent.
24 And so I think you explained on direct, as you did in
25 your deposition, that you were relying on the same

1 It's a fact that when this single OVSF code goes into
2 this single structure that it performs a single
3 spreading operation, right?

4 A. No, no. You're -- you're mischaracterizing
5 it.

6 Q. Well, let me ask it again.

7 Is it the case that in the Ericsson products,
8 that there is a single spreading operation performed
9 with the OVSF code?

10 A. No, there's not.

11 Q. Okay.

12 MR. AROVAS: Let's play Clip 34.

13 (Video playing.)

14 QUESTIONS: Now, the Ericsson accused
15 products spread a data item to be transmitted in a
16 single spreading operation, correct?

17 ANSWER: There is a single spreading
18 operation that includes the functions of the first
19 encoder and second encoder, as outlined in the claims.

20 QUESTIONS: But it's a single spreading
21 operation; is that fair to say?

22 ANSWER: Whilst it includes both of those
23 separate functions, it is a single spreading operation.

24 (End of video clip.)

25 Q. (By Mr. Arovas) Okay. So isn't it the case,

1 under oath, in your deposition, you said that it's a
2 single spreading operation? Right?

3 A. I did, but I tried to put that in context on
4 my --

5 Q. I understand your position that one can be
6 two, okay; and that you say that there's two functions.
7 But let's just talk about the spreading operation.
8 It is a fact that this single structure performs a
9 single spreading operation with a single OVSF code;
10 isn't that right?

11 A. I feel uncomfortable answering this as a yes
12 or no, but yes.

13 Q. Okay. And, in fact, if we go to the
14 Alcatel-Lucent product, you would see the same thing:
15 Single structure, single OVSF code, single spreading
16 operation, correct?

17 A. Performing the --

18 Q. I understand your position, that two-in-one,
19 but let's just -- but let's just talk about how the
20 products work.

21 Single structure, single OVSF code, single
22 spreading operation in the Alcatel-Lucent products,
23 correct?

24 MR. BORGMAN: Your Honor, may we
25 approach?

1 THE COURT: Yes, you may.

2 (Bench conference.)

3 MR. BORGMAN: We are getting back to the
4 motion in limine involving the simultaneous operation.

5 In the Court's claim construction, the
6 Court held that the claims do allow simultaneous
7 operations.

8 Mr. Arovas' question says I understand
9 that's your position, but he's suggesting that that's
10 not allowed by the Court.

11 MR. AROVAS: That's not our position at
12 all. Our position is there are two encoders. There are
13 two sets of codes. Whether you apply them at the same
14 time or not, is not the point.

15 The point is, it's one code, one encoder
16 applied once. I think it's fair cross-examination.

17 THE COURT: Okay. You can clean it up on
18 cross-examination.

19 MR. BORGMAN: All right.

20 (Bench conference concluded.)

21 Q. (By Mr. Arovas) Okay. Let's pick up where we
22 left off, and I want to be crystal-clear: I'm not
23 talking about order here.

24 You can use one code first, another code --
25 you can use the orthogonal code first and the overlay

1 codes second; the overlay code -- I'm sorry -- the
2 orthogonal first -- you can use the orthogonal first,
3 the overlay second; the overlay first, the orthogonal
4 second. You can do them simultaneously.

5 I'm not suggesting anything about order, okay?

6 A. Okay.

7 Q. Okay. But what we know is for both the
8 Ericsson and the Alcatel-Lucent products, as well as the
9 handset products, the structure that's the
10 encoder/decoder, single structure, uses single OVSF
11 code, and a single spreading operation, correct?

12 A. Well, yes.

13 Q. Thank you.

14 So now let's talk very briefly about where
15 those codes are or where they sort of physically reside
16 in the products. And it's correct, isn't it, that the
17 Defendants' products basically have an on-the-fly system
18 where they generate the codes as they need them, right?

19 A. Yes, they do.

20 Q. Okay. So whether you're talking about the
21 Alcatel-Lucent products, the Ericsson products, or the
22 HTC or Sony Mobile products, it's a fact that none of
23 those products store at any one point in time the entire
24 set of orthogonal codes, correct?

25 A. I mean, that's not required by the claims,