

Exhibit 15-O-2 Composite WMAL Conductivity Data

WMAL 630 kHz Lic DA2U BL850515AC 20060522
DC WASHINGTON 5.000 kW 4 Towers 15 Augmentations
N.Lat: 39 00 55 W.Lon: 77 08 30 12 Measured Cond

' ' means estimated conductivity, from M-3 map.
'M*' means measured conductivity (main bearing).

All distances are in kilometers (US metric curves)
All distances are cumulative.
All radiations are in mV/m at one kilometer

Bearing	Radiation	Region		Region		Region	
		Cond	Dist	Cond	Dist	Cond	Dist
0.0M*	564.0	2.5M*	34.1	2.0	70.5	4.0	97.8
		2.0	256.3	4.0	476.0	8.0	500.0
5.0+	615.1	2.5+	34.1	2.0	69.4	4.0	112.1
		2.0	256.0	4.0	492.6	8.0	500.0
10.0-	649.7	2.6-	33.4	2.0	69.8	4.0	135.7
		2.0	255.6	4.0	500.0		
15.0M*	661.1	2.6M*	33.4	2.0	70.7	4.0	159.2
		2.0	248.7	4.0	500.0		
20.0+	640.4	2.6+	33.4	2.0	72.3	4.0	175.2
		2.0	242.1	4.0	500.0		
25.0+	592.5	2.6+	33.4	2.0	74.4	4.0	185.4
		2.0	247.2	4.0	500.0		
30.0	536.6	2.0	75.8	4.0	205.0	2.0	272.6
		4.0	500.0				
35.0	487.2	2.0	76.7	4.0	245.2	2.0	312.6
		4.0	500.0				
40.0	442.4	2.0	76.3	4.0	281.2	2.0	352.2
		4.0	518.2				
45.0	402.2	2.0	67.8	4.0	284.8	2.0	343.2
		4.0	420.1	1.0	500.0		
45.4-	399.9	3.0-	21.7	2.3-	29.7	2.0	66.8
		4.0	285.3	2.0	339.7	4.0	406.9
		1.0	500.0				
50.0-	389.2	3.0-	21.7	2.3-	29.7	2.0	55.8
		4.0	371.6	1.0	447.4	2.0	500.0

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Bearing	Radiation	Region		Region		Region	
		Cond	Dist	Cond	Dist	Cond	Dist
55.0-	405.4	3.0-	21.7	2.3-	29.7	2.0	45.0
		4.0	49.8	40.0	50.7	4.0	294.4
		5000.0	297.8	4.0	317.8	5000.0	321.5
		0.5	342.0	4.0	357.5	5000.0	358.7
		4.0	379.1	5000.0	382.4	4.0	385.1
		5000.0	452.1	2.0	500.0		
55.4M*	407.5	3.0M*	21.7	2.3M*	29.7	2.0	44.0
		4.0	49.9	40.0	51.0	4.0	294.9
		5000.0	303.1	4.0	311.0	5000.0	320.8
		0.5	380.1	4.0	380.5	5000.0	380.7
		4.0	387.3	5000.0	457.4	2.0	481.2
		5000.0	481.4	2.0	500.0		
60.0+	438.6	3.0+	21.7	2.3+	29.7	2.0	35.3
		4.0	51.0	40.0	55.2	4.0	65.0
		40.0	65.3	4.0	78.3	40.0	80.1
		4.0	85.4	40.0	88.4	4.0	101.5
		40.0	114.8	4.0	128.2	40.0	128.6
		4.0	161.0	5000.0	167.5	4.0	308.8
		5000.0	394.1	0.5	440.7	5000.0	461.9
		0.5	464.9	5000.0	473.2	0.5	474.4
		5000.0	500.0				
65.0+	483.6	3.0+	21.7	2.3+	29.7	4.0	50.5
		40.0	60.3	4.0	65.7	40.0	67.2
		4.0	69.1	40.0	78.8	4.0	79.6
		40.0	106.8	4.0	147.2	5000.0	153.0
		4.0	284.8	5000.0	287.8	4.0	291.2
		5000.0	500.0				
65.4+	487.5	3.0+	21.7	2.3+	29.7	4.0	50.4
		40.0	56.4	4.0	56.9	40.0	60.6
		4.0	65.8	40.0	67.4	4.0	69.0
		40.0	104.7	4.0	147.4	5000.0	153.1
		4.0	285.5	5000.0	500.0		
70.0	533.0	2.0	25.1	4.0	54.1	40.0	64.2
		4.0	64.4	40.0	84.5	4.0	141.1
		5000.0	150.1	4.0	273.0	5000.0	500.0
75.0	581.8	2.0	22.5	4.0	58.2	40.0	78.9
		4.0	148.1	5000.0	156.3	4.0	244.1
		5000.0	245.2	4.0	251.6	5000.0	500.0
80.0	627.6	2.0	20.4	4.0	45.3	40.0	45.8
		4.0	60.3	40.0	77.1	4.0	93.7
		40.0	94.6	4.0	151.6	5000.0	167.6
		4.0	216.4	5000.0	218.8	4.0	230.8
		5000.0	500.0				

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DC WASHINGTON 5.000 kW 4 Towers 15 Augmentations
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Bearing	Radiation	Region		Region		Region	
		Cond	Dist	Cond	Dist	Cond	Dist
165.0	746.4	2.0	19.1	4.0	34.4	5000.0	36.8
		4.0	82.6	5000.0	96.8	4.0	132.8
		5000.0	141.2	2.0	199.5	5000.0	203.3
		2.0	218.0	4.0	230.4	5000.0	243.3
		4.0	252.1	5000.0	252.3	4.0	332.3
		5000.0	347.6	4.0	380.8	5000.0	386.3
		4.0	405.9	5000.0	500.0		
168.0-	673.8	3.0-	29.1	4.0	34.9	5000.0	36.9
		4.0	78.6	5000.0	93.8	4.0	118.0
		5000.0	125.5	2.0	176.4	5000.0	183.4
		2.0	206.1	5000.0	226.5	2.0	229.6
		4.0	249.1	5000.0	249.3	4.0	324.0
		5000.0	327.4	4.0	333.2	5000.0	350.2
		4.0	417.0	5000.0	500.0		
170.0-	626.5	3.0-	29.1	4.0	35.2	5000.0	37.0
		4.0	76.2	5000.0	85.7	4.0	91.4
		5000.0	92.0	4.0	108.5	5000.0	117.0
		4.0	119.0	2.0	168.0	5000.0	169.0
		2.0	204.4	5000.0	210.0	2.0	238.1
		4.0	338.9	5000.0	345.2	4.0	412.2
		5000.0	500.0				
175.0-	533.1	3.0-	29.1	4.0	36.4	5000.0	45.3
		4.0	65.6	5000.0	69.9	4.0	106.2
		2.0	197.4	5000.0	200.8	2.0	337.3
		4.0	399.4	5000.0	405.9	4.0	447.7
		5000.0	453.2	4.0	472.3	5000.0	500.0
178.0M*	510.4	3.0M*	29.1	4.0	37.3	5000.0	45.8
		4.0	63.8	5000.0	71.3	4.0	99.8
		2.0	364.2	4.0	390.8	5000.0	396.5
		4.0	438.5	5000.0	446.3	4.0	478.9
		5000.0	500.0				
180.0+	511.3	3.0+	29.1	4.0	38.0	5000.0	40.2
		4.0	43.2	5000.0	46.2	4.0	66.9
		5000.0	72.3	4.0	96.0	2.0	376.4
		4.0	482.4	5000.0	500.0		
180.5+	513.6	3.0+	29.1	4.0	38.2	5000.0	39.3
		4.0	43.4	5000.0	46.3	4.0	67.8
		5000.0	72.6	4.0	95.1	2.0	379.4
		4.0	486.3	5000.0	500.0		
185.0-	568.8	3.0-	30.8	4.0	45.1	5000.0	47.4
		4.0	70.9	5000.0	75.5	4.0	86.9
		2.0	409.5	4.0	500.0		

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Bearing	Radiation	Region		Region		Region	
		Cond	Dist	Cond	Dist	Cond	Dist
188.0-	632.8	3.0-	30.8	2.0	32.5	4.0	44.1
		5000.0	53.8	4.0	68.6	5000.0	76.1
		4.0	80.8	2.0	410.8	4.0	500.0
190.0-	683.0	3.0-	30.8	2.0	34.9	4.0	48.6
		5000.0	59.3	4.0	59.4	5000.0	75.6
		4.0	77.3	2.0	405.7	4.0	500.0
190.5M*	696.2	3.0M*	30.8	2.0	35.6	4.0	49.9
		5000.0	75.5	4.0	76.5	2.0	404.5
		4.0	500.0				
195.0+	819.6	3.0+	30.8	2.0	43.4	4.0	61.5
		2.0	395.4	4.0	448.7	2.0	494.0
		4.0	500.0				
200.0+	949.4	3.0+	30.8	2.0	388.2	4.0	428.4
		2.0	500.0				
200.5+	960.9	3.0+	30.8	2.0	387.6	4.0	427.4
		2.0	500.0				
205.0	1049.5	2.0	335.8	4.0	424.8	2.0	500.0
210.0	1119.4	2.0	301.3	4.0	476.2	2.0	500.0
215.0-	1158.6	1.8-	27.4	2.0	290.0	4.0	500.0
220.0-	1169.4	1.8-	27.4	2.0	285.9	4.0	378.1
		2.0	458.3	4.0	467.5	2.0	500.0
225.0M*	1155.7	1.8M*	27.4	2.0	500.0		
230.0+	1117.7	1.8+	27.4	2.0	500.0		
235.0+	1060.6	1.8+	27.4	2.0	500.0		
240.0	990.3	2.0	436.8	4.0	500.0		
245.0	912.7	2.0	488.4	4.0	500.0		
250.0	832.5	2.0	500.0				
255.0	747.4	2.0	500.0				
260.0	663.0	2.0	500.0				
261.3-	644.2	1.8-	20.9	3.0-	30.3	2.0	500.0
265.0-	600.1	1.8-	20.9	3.0-	30.3	2.0	500.0
270.0-	556.6	1.8-	20.9	3.0-	30.3	2.0	500.0
271.3M*	546.8	1.8M*	20.9	3.0M*	30.3	2.0	193.0
		4.0	270.4	2.0	500.0		
275.0+	524.9	1.8+	20.9	3.0+	30.3	2.0	156.5
		4.0	289.5	2.0	500.0		
280.0+	511.4	1.8+	20.9	3.0+	30.3	2.0	138.5
		4.0	274.5	2.0	408.8	4.0	433.3
		2.0	448.4	8.0	500.0		

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Bearing	Radiation	Region		Region		Region	
		Cond	Dist	Cond	Dist	Cond	Dist
281.3+	509.5	1.8+	20.9	3.0+	30.3	2.0	134.7
		4.0	270.2	2.0	366.3	4.0	437.3
		8.0	500.0				
285.0	503.8	2.0	125.8	4.0	259.4	2.0	322.8
		4.0	412.9	8.0	500.0		
290.0-	495.6	2.0-	30.7	2.0	119.9	4.0	388.0
		8.0	500.0				
295.0-	491.7	2.0-	30.7	2.0	117.0	4.0	370.4
		8.0	500.0				
300.0M*	493.7	2.0M*	30.7	2.0	115.0	4.0	356.2
		8.0	500.0				
302.6+	489.7	2.0+	30.7	2.0	114.4	4.0	350.1
		8.0	500.0				
305.0+	483.3	2.0+	30.7	2.0	114.0	4.0	345.3
		8.0	500.0				
310.0-	465.5	1.8-	28.1	2.0	113.8	4.0	338.0
		8.0	500.0				
312.6M*	456.9	1.8M*	28.1	2.0	114.1	4.0	337.1
		8.0	500.0				
315.0+	450.4	1.8+	28.1	2.0	114.6	4.0	186.0
		2.0	267.5	4.0	339.8	8.0	496.5
		10.0	500.0				
320.0+	425.5	1.8+	28.1	2.0	117.3	4.0	186.1
		2.0	353.8	8.0	413.5	4.0	435.3
		8.0	475.8	10.0	500.0		
322.6+	405.7	1.8+	28.1	2.0	119.6	4.0	188.5
		2.0	365.2	8.0	391.6	4.0	430.4
		8.0	463.2	10.0	500.0		
325.0-	385.2	2.8-	32.0	2.0	121.9	4.0	191.8
		2.0	373.7	4.0	426.5	8.0	427.5
		4.0	429.8	8.0	455.4	10.0	489.8
		4.0	500.0				
330.0-	345.3	2.8-	32.0	2.0	128.0	4.0	200.3
		2.0	359.0	4.0	423.6	8.0	445.9
		10.0	488.4	20.0	505.3		
335.0M*	328.1	2.8M*	32.0	2.0	137.3	4.0	210.7
		2.0	323.6	4.0	407.8	8.0	444.3
		10.0	473.7	20.0	500.0		

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Bearing	Radiation	Region		Region		Region	
		Cond	Dist	Cond	Dist	Cond	Dist
340.0+	340.0	2.8+	32.0	2.0	149.8	4.0	213.5
		2.0	300.2	4.0	420.8	8.0	450.5
		10.0	457.4	20.0	498.9	15.0	500.0
345.0+	383.6	2.8+	32.0	2.0	178.9	4.0	194.3
		2.0	283.9	4.0	437.7	8.0	500.0
350.0-	445.2	2.5-	34.1	2.0	270.5	4.0	418.7
		8.0	500.0				
355.0-	507.5	2.5-	34.1	2.0	74.6	4.0	86.4
		2.0	261.6	4.0	429.8	8.0	500.0