

Microwave Path Data Sheet

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COMSEARCH

19700 Janelia Farm Boulevard, Ashburn, VA, 20147
(858)232-4372 www.comsearch.com

PCN Date: 10/07/2010

Prev Job Num: 100819COMSSL02

Job Number: 101007COMSSL01

RCN Number: 10100703

Administrative Information**CA-SFO0565A CA****CA-SFO0564A CA**

City/County /Contra Costa
Status / License Basis Engineering Proposal / PRIMARY OPERATION
Call Sign WQLY441
Licensee Code CLESP3
Licensee Name Clearwire Spectrum Holdings III, LL
Radio Service / Station Class MG -- Microwave Industrial/Business Pool

/Contra Costa
Engineering Proposal / PRIMARY OPERATION
WQLY410
CLESP3
Clearwire Spectrum Holdings III, LL
FXO -- Fixed

Site Information

Latitude (NAD 83) 37 ° 44' 20.0" N
Longitude (NAD 83) 121 ° 59' 42.5" W
Ground Elevation (m/ft-AMSL) 562.40 / 1845.1
Antenna Structure Registration # 1222544
Path Azimuth (°) 325.260
Path Length (km / miles) 10.395 / 6.459

37 ° 48' 57.0" N
122 ° 3' 44.7" W
613.20 / 2011.8
1010559
145.218

Transmit Antenna

77091A
Manufacturer ANDREW CORPORATION
Model VHLP800-11A
Gain(dBi) / Beamwidth(°) / Tilt(°) 37.4 / 2.20 / 0.33
Centerline (m / ft - AGL) 15.24 / 50.0

77091A
ANDREW CORPORATION
VHLP800-11A
37.4 / 2.20 / -0.40
30.48 / 100.0

Receive Antenna

Same As Transmit

Manufacturer
Model
Gain (dBi) / Beamwidth (°)
Centerline (m / ft - AGL)

Diversity Receive Antenna

Manufacturer
Model
Gain (dBi) / Beamwidth (°)
Centerline (m / ft - AGL)

Radio Information

TEMO16
DRAGONWAVE INC
11HD40HFC277V02
HORIZON DUO
36M7D7W 256 QAM
1 CH DIG 277000.000
0.001
Nominal Coordinated Maximum
15.5
-43.5
52.9

TEMO16
DRAGONWAVE INC
11HD40HFC277V02
HORIZON DUO
36M7D7W 256 QAM
1 CH DIG 277000.000
0.001
Nominal Coordinated Maximum
15.5
-43.5
52.9

Fixed Loss: Tx / Common (dB) 0.0 / 0.0
Free Space Loss (dB) 133.8

0.0 / 0.0

Transmit Frequencies (MHz) 11545.0000H(9) 11665.0000H(12) 11055.0000H(9) 11175.0000H(12)

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PCN Date: 10/07/2010
Job Number 101007COMSSL01

Prev Job Num: 100819COMSSL02
RCN Number: 10100703

Administrative Information

CA-SFO0565A CA
City/County /Contra Costa
Status / License Basis Engineering Proposal / PRIMARY OPERATION
Call Sign WQLY441
Licensee Code CLESP3
Licensee Name Clearwire Spectrum Holdings III, LL
Radio Service / Station Class MG -- Microwave Industrial/Business Pool

CA-SFO0479A CA

Pleasanton/Alameda
Status / License Basis Engineering Proposal / PRIMARY OPERATION
Call Sign WQLY748
Licensee Code CLESP3
Licensee Name Clearwire Spectrum Holdings III, LL
Radio Service / Station Class FXO -- Fixed

Site Information

Latitude (NAD 83)	37 ° 44' 20.0" N	37 ° 42' 2.5" N
Longitude (NAD 83)	121 ° 59' 42.5" W	121 ° 55' 5.4" W
Ground Elevation (m/ft-AMSL)	562.40 / 1845.1	101.00 / 331.4
Antenna Structure Registration #	1222544	
Path Azimuth (°)	121.969	302.016
Path Length (km / miles)	8.002 / 4.972	

Transmit Antenna

77091A	77091A
Manufacturer ANDREW CORPORATION	ANDREW CORPORATION
Model VHLP800-11A	VHLP800-11A
Gain(dBi) / Beamwidth(°) / Tilt(°) 37.4 / 2.20 / -3.40	37.4 / 2.20 / 3.34
Centerline (m / ft - AGL) 30.48 / 100.0	20.73 / 68.0

Receive Antenna

Same As Transmit

Manufacturer
Model
Gain (dBi) / Beamwidth (°)
Centerline (m / ft - AGL)

Diversity Receive Antenna

Manufacturer
Model
Gain (dBi) / Beamwidth (°)
Centerline (m / ft - AGL)

Radio Information

<u>TEMO28</u>	<u>TEMO28</u>
Manufacturer DRAGONWAVE INC	DRAGONWAVE INC
Model <u>11HD40HFC212V02</u>	<u>11HD40HFC212V02</u>
Model Description HORIZON DUO	HORIZON DUO
Emission Designator / Modulation <u>34M4D7W</u> <u>128 QAM</u>	<u>34M4D7W</u> <u>128 QAM</u>
Loading 1 CH DIG 212000.000	1 CH DIG 212000.000
Stability (%) 0.001	0.001
Nominal Coordinated Maximum	Nominal Coordinated Maximum
Power (dBm) <u>16.0</u>	<u>16.0</u>
Received Level (dBm) <u>-40.7</u>	<u>-40.7</u>
EIRP (dBm) <u>53.4</u>	<u>53.4</u>
Fixed Loss: Tx / Common (dB) 0.0 / 0.0	0.0 / 0.0
Free Space Loss (dB) 131.5	

Transmit Frequencies (MHz)	11465.0000V(7)	11545.0000V(9)	10975.0000V(7)	11055.0000V(9)
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COMSEARCH

19700 Janelia Farm Boulevard, Ashburn, VA, 20147
(858)232-4372 www.comsearch.com

PCN Date: 10/07/2010

Job Number 101007COMSSL01

New Path

RCN Number: 10100703

Administrative Information

CA-SFO0310D CA
City/County San Bruno/San Mateo
Status / License Basis Engineering Proposal / PRIMARY OPERATION
Call Sign
Licensee Code CLESP3
Licensee Name Clearwire Spectrum Holdings III, LL
Radio Service / Station Class MG -- Microwave Industrial/Business Pool

CA-SFO0554E CA

/San Mateo
Engineering Proposal / PRIMARY OPERATION
WQLY522
CLESP3
Clearwire Spectrum Holdings III, LL
FXO -- Fixed

Site Information

Latitude (NAD 83)	37 °36' 50.2" N	37 °41' 14.5" N
Longitude (NAD 83)	122 °25' 32.9" W	122 °26' 5.4" W
Ground Elevation (m/ft-AMSL)	109.00 / 357.6	380.10 / 1247.0
Antenna Structure Registration #		1205149
Path Azimuth (°)	354.419	174.413
Path Length (km / miles)		8.187 / 5.087

Transmit Antenna

77083A	77083A
Manufacturer ANDREW CORPORATION	ANDREW CORPORATION
Model VHLP2-11A	VHLP2-11A
Gain(dBi) / Beamwidth(°) / Tilt(°) 34.4 / 3.30 / 2.06	34.4 / 3.30 / -2.12
Centerline (m / ft - AGL) 13.11 / 43.0	41.15 / 135.0

Receive Antenna

Same As Transmit

Manufacturer
Model
Gain (dBi) / Beamwidth (°)
Centerline (m / ft - AGL)

Diversity Receive Antenna

Manufacturer
Model
Gain (dBi) / Beamwidth (°)
Centerline (m / ft - AGL)

Radio Information

TEM028	TEM028
Manufacturer DRAGONWAVE INC	DRAGONWAVE INC
Model 11HD40HFC212V02	11HD40HFC212V02
Model Description HORIZON DUO	HORIZON DUO
Emission Designator / Modulation 34M4D7W 128 QAM	34M4D7W 128 QAM
Loading 1 CH DIG 212000.000	1 CH DIG 212000.000
Stability (%) 0.001	0.001
Nominal Coordinated Maximum	Nominal Coordinated Maximum
Power (dBm) 16.0	16.0
Received Level (dBm) -46.9	-46.9
EIRP (dBm) 50.4	50.4
Fixed Loss: Tx / Common (dB) 0.0 / 0.0	0.0 / 0.0
Free Space Loss (dB) 131.7	

Transmit Frequencies (MHz)	10975.0000H(7)	11055.0000H(9)	11465.0000H(7)	11545.0000H(9)
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COMSEARCH

19700 Janelia Farm Boulevard, Ashburn, VA, 20147
(858)232-4372 www.comsearch.com

PCN Date: 10/07/2010

Job Number 101007COMSSL01

New Path

RCN Number: 10100703

Administrative Information

CA-SFO0212A CA
City/County San Francisco/San Francisco
Status / License Basis Engineering Proposal / PRIMARY OPERATION
Call Sign WQML885
Licensee Code CLESP3
Licensee Name Clearwire Spectrum Holdings III, LL
Radio Service / Station Class MG -- Microwave Industrial/Business Pool

CA-SFO0702A CA

San Francisco/San Francisco
Engineering Proposal / PRIMARY OPERATION

CLESP3
Clearwire Spectrum Holdings III, LL
FXO -- Fixed

Site Information

Latitude (NAD 83)	37 ° 45' 18.6" N	37 ° 47' 20.1" N
Longitude (NAD 83)	122 ° 25' 6.0" W	122 ° 24' 42.8" W
Ground Elevation (m/ft-AMSL)	21.00 / 68.9	48.50 / 159.1
Antenna Structure Registration #		
Path Azimuth (°)	8.617	188.621
Path Length (km / miles)		3.789 / 2.354

Transmit Antenna

87204A	87204A
Manufacturer ANDREW CORPORATION	ANDREW CORPORATION
Model VHLP2-18B	VHLP2-18B
Gain(dBi) / Beamwidth(°) / Tilt(°) 38.9 / 2.10 / 0.16	38.9 / 2.10 / -0.18
Centerline (m / ft - AGL) 40.54 / 133.0	24.38 / 80.0

Receive Antenna

Same As Transmit

Manufacturer
Model
Gain (dBi) / Beamwidth (°)
Centerline (m / ft - AGL)

Diversity Receive Antenna

Manufacturer
Model
Gain (dBi) / Beamwidth (°)
Centerline (m / ft - AGL)

Radio Information

TEMR29	TEMR29
Manufacturer DRAGONWAVE INC	DRAGONWAVE INC
Model 18HD50HFC364V02	18HD50HFC364V02
Model Description HORIZON DUO	HORIZON DUO
Emission Designator / Modulation 47M1D7W 256 QAM	47M1D7W 256 QAM
Loading 1 CH DIG 364000.000	1 CH DIG 364000.000
Stability (%) 0.001	0.001
Nominal Coordinated Maximum	Nominal Coordinated Maximum
Power (dBm) 15.5	15.5
Received Level (dBm) -36.2	-36.2
EIRP (dBm) 54.4	54.4
Fixed Loss: Tx / Common (dB) 0.0 / 0.0	0.0 / 0.0
Free Space Loss (dB) 129.5	

Transmit Frequencies (MHz)	19575.0000H(6)	19675.0000H(8)	18015.0000H(6)	18115.0000H(8)
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19700 Janelia Farm Boulevard, Ashburn, VA, 20147
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PCN Date: 10/07/2010

Job Number 101007COMSSL01

New Path

RCN Number: 10100703

Administrative Information

CA-SJC0416A CA
City/County San Jose/Santa Clara
Status / License Basis Engineering Proposal / PRIMARY OPERATION
Call Sign
Licensee Code CLESP3
Licensee Name Clearwire Spectrum Holdings III, LL
Radio Service / Station Class MG -- Microwave Industrial/Business Pool

CA-SJC0166D CA

City/County Campbell/Santa Clara
Status / License Basis Engineering Proposal / PRIMARY OPERATION
Call Sign WQMA224
Licensee Code CLESP3
Licensee Name Clearwire Spectrum Holdings III, LL
Radio Service / Station Class FXO -- Fixed

Site Information

Latitude (NAD 83)	37 °15' 52.3" N	37 °17' 18.7" N
Longitude (NAD 83)	121 °56' 28.7" W	121 °56' 5.8" W
Ground Elevation (m/ft-AMSL)	73.20 / 240.2	59.40 / 194.9
Antenna Structure Registration #		
Path Azimuth (°)	11.957	191.961
Path Length (km / miles)	2.723 / 1.692	

Transmit Antenna

RD1150	RD1150
MANUFACTURER RADIO WAVES, INC	RADIO WAVES, INC
Model HP2-23	HP2-23
Gain(dBi) / Beamwidth(°) / Tilt(°) 40.2 / 1.70 / 0.87	40.2 / 1.70 / -0.89
Centerline (m / ft - AGL) 10.67 / 35.0	66.45 / 218.0

Receive Antenna

Same As Transmit

Manufacturer
Model
Gain (dBi) / Beamwidth (°)
Centerline (m / ft - AGL)

Diversity Receive Antenna

Manufacturer
Model
Gain (dBi) / Beamwidth (°)
Centerline (m / ft - AGL)

Radio Information

TEMR36	TEMR36
DRAGONWAVE INC	DRAGONWAVE INC
Model 23HD50HFC364V02	23HD50HFC364V02
Model Description HORIZON DUO	HORIZON DUO
Emission Designator / Modulation 47M1D7W 256 QAM	47M1D7W 256 QAM
Loading 1 CH DIG 364000.000	1 CH DIG 364000.000
Stability (%) 0.001	0.001
Nominal Coordinated Maximum	Nominal Coordinated Maximum
Power (dBm) 12.5	12.5
Received Level (dBm) -35.2	-35.2
EIRP (dBm) 52.7	52.7
Fixed Loss: Tx / Common (dB) 0.0 / 0.0	0.0 / 0.0
Free Space Loss (dB) 128.1	

Transmit Frequencies (MHz)	22275.0000H(10)	22375.0000H(12)	23475.0000H(10)	23575.0000H(12)
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Microwave Path Data Sheet

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COMSEARCH

19700 Janelia Farm Boulevard, Ashburn, VA, 20147
(858)232-4372 www.comsearch.com

PCN Date: 10/07/2010

Job Number 101007COMSSL01

New Path

RCN Number: 10100703

Administrative Information

CA-SFO0162B CA
City/County Oakland/Alameda
Status / License Basis Engineering Proposal / PRIMARY OPERATION
Call Sign
Licensee Code CLESP3
Licensee Name Clearwire Spectrum Holdings III, LL
Radio Service / Station Class MG -- Microwave Industrial/Business Pool

CA-SFO0168A CA

Alameda/Alameda
Engineering Proposal / PRIMARY OPERATION
WQLY341
CLESP3
Clearwire Spectrum Holdings III, LL
FXO -- Fixed

Site Information

Latitude (NAD 83)	37 ° 47' 27.0" N	37 ° 47' 22.4" N
Longitude (NAD 83)	122 ° 15' 19.6" W	122 ° 16' 31.5" W
Ground Elevation (m/ft-AMSL)	0.00 / 0.0	2.30 / 7.5
Antenna Structure Registration #		
Path Azimuth (°)	265.397	85.385
Path Length (km / miles)	1.765 / 1.097	

Transmit Antenna

80014A	80014A
ANDREW CORPORATION	ANDREW CORPORATION
VHLP1-23A	VHLP1-23A
Gain(dBi) / Beamwidth(°) / Tilt(°) 35.3 / 3.00 / 0.24	35.3 / 3.00 / -0.25
Centerline (m / ft - AGL) 15.24 / 50.0	20.42 / 67.0

Receive Antenna

Same As Transmit

Manufacturer
Model
Gain (dBi) / Beamwidth (°)
Centerline (m / ft - AGL)

Diversity Receive Antenna

Manufacturer
Model
Gain (dBi) / Beamwidth (°)
Centerline (m / ft - AGL)

Radio Information

TEMQ16	TEMQ16
DRAGONWAVE INC	DRAGONWAVE INC
23HD50SFC322V02	23HD50SFC322V02
HORIZON DUO	HORIZON DUO
Emission Designator / Modulation 45M8D7W 256 QAM	45M8D7W 256 QAM
Loading 1 CH DIG 322000.000	1 CH DIG 322000.000
Stability (%) 0.001	0.001
Nominal Coordinated Maximum	Nominal Coordinated Maximum
Power (dBm) 7.5	7.5
Received Level (dBm) -46.2	-46.2
EIRP (dBm) 42.8	42.8
Fixed Loss: Tx / Common (dB) 0.0 / 0.0	0.0 / 0.0
Free Space Loss (dB) 124.3	

Transmit Frequencies (MHz)	22175.0000V(8)	22275.0000V(10)	23375.0000V(8)	23475.0000V(10)
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19700 Janelia Farm Boulevard, Ashburn, VA, 20147
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PCN Date: 10/07/2010

Job Number 101007COMSSL01

New Path

RCN Number: 10100703

Administrative Information

CA-SFO0008A CA
City/County San Francisco/San Francisco
Status / License Basis Engineering Proposal / PRIMARY OPERATION
Call Sign WQML509
Licensee Code CLESP3
Licensee Name Clearwire Spectrum Holdings III, LL
Radio Service / Station Class MG -- Microwave Industrial/Business Pool

CA-SFO0212A CA

San Francisco/San Francisco
Engineering Proposal / PRIMARY OPERATION
WQML885
CLESP3
Clearwire Spectrum Holdings III, LL
FXO -- Fixed

Site Information

Latitude (NAD 83)	37 ° 46' 37.9" N	37 ° 45' 18.6" N
Longitude (NAD 83)	122 ° 25' 3.6" W	122 ° 25' 6.0" W
Ground Elevation (m/ft-AMSL)	17.90 / 58.7	21.00 / 68.9
Antenna Structure Registration #		
Path Azimuth (°)	181.376	1.376
Path Length (km / miles)	2.446 / 1.520	

Transmit Antenna

80014A	80014A
Manufacturer ANDREW CORPORATION	ANDREW CORPORATION
Model VHLP1-23A	VHLP1-23A
Gain(dBi) / Beamwidth(°) / Tilt(°) 35.3 / 3.00 / -1.46	35.3 / 3.00 / 1.44
Centerline (m / ft - AGL) 105.46 / 346.0	40.54 / 133.0

Receive Antenna

Same As Transmit

Manufacturer
Model
Gain (dBi) / Beamwidth (°)
Centerline (m / ft - AGL)

Diversity Receive Antenna

Manufacturer
Model
Gain (dBi) / Beamwidth (°)
Centerline (m / ft - AGL)

Radio Information

TEMR36	TEMR36
Manufacturer DRAGONWAVE INC	DRAGONWAVE INC
Model 23HD50HFC364V02	23HD50HFC364V02
Model Description HORIZON DUO	HORIZON DUO
Emission Designator / Modulation 47M1D7W 256 QAM	47M1D7W 256 QAM
Loading 1 CH DIG 364000.000	1 CH DIG 364000.000
Stability (%) 0.001	0.001
Nominal Coordinated Maximum	Nominal Coordinated Maximum
Power (dBm) 15.5	15.5
Received Level (dBm) -41.0	-41.0
EIRP (dBm) 50.8	50.8
Fixed Loss: Tx / Common (dB) 0.0 / 0.0	0.0 / 0.0
Free Space Loss (dB) 127.1	

Transmit Frequencies (MHz)	23075.0000V(2)	23275.0000V(6)	21875.0000V(2)	22075.0000V(6)
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PCN Date: 10/07/2010

Job Number 101007COMSSL01

New Path

RCN Number: 10100703

Administrative Information

CA-SFO0008A CA
City/County San Francisco/San Francisco
Status / License Basis Engineering Proposal / PRIMARY OPERATION
Call Sign WQML509
Licensee Code CLESP3
Licensee Name Clearwire Spectrum Holdings III, LL
Radio Service / Station Class MG -- Microwave Industrial/Business Pool

CA-SFO0702A CA

San Francisco/San Francisco
Engineering Proposal / PRIMARY OPERATION

CLESP3
Clearwire Spectrum Holdings III, LL
FXO -- Fixed

Site Information

Latitude (NAD 83)	37 ° 46' 37.9" N	37 ° 47' 20.1" N
Longitude (NAD 83)	122 ° 25' 3.6" W	122 ° 24' 42.8" W
Ground Elevation (m/ft-AMSL)	17.90 / 58.7	48.50 / 159.1
Antenna Structure Registration #		
Path Azimuth (°)	21.363	201.367
Path Length (km / miles)		1.397 / 0.868

Transmit Antenna

99141R	99141R
MANUFACTURER RADIO WAVES, INC	RADIO WAVES, INC
MODEL HPCPE-23	HPCPE-23
GAIN(dBi) / Beamwidth(°) / Tilt(°) 34.4 / 2.90 / -2.07	34.4 / 2.90 / 2.06
CENTERLINE (m / ft - AGL) 105.46 / 346.0	24.38 / 80.0

Receive Antenna

Same As Transmit

MANUFACTURER
MODEL
GAIN (dBi) / Beamwidth (°)
CENTERLINE (m / ft - AGL)

Diversity Receive Antenna

MANUFACTURER
MODEL
GAIN (dBi) / Beamwidth (°)
CENTERLINE (m / ft - AGL)

Radio Information

TEMR36	TEMR36
DRAGONWAVE INC	DRAGONWAVE INC
23HD50HFC364V02	23HD50HFC364V02
HORIZON DUO	HORIZON DUO
EMISSION DESIGNATOR / MODULATION 47M1D7W 256 QAM	47M1D7W 256 QAM
LOADING 1 CH DIG 364000.000	1 CH DIG 364000.000
STABILITY (%) 0.001	0.001
Nominal Coordinated Maximum	Nominal Coordinated Maximum
Power (dBm) 15.5	15.5
Received Level (dBm) -38.0	-38.0
EIRP (dBm) 49.9	49.9
Fixed Loss: Tx / Common (dB) 0.0 / 0.0	0.0 / 0.0
Free Space Loss (dB) 122.3	

Transmit Frequencies (MHz)	23475.0000V(10)	23575.0000V(12)	22275.0000V(10)	22375.0000V(12)
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19700 Janelia Farm Boulevard, Ashburn, VA, 20147
(858)232-4372 www.comsearch.com

PCN Date: 10/07/2010

Job Number 101007COMSSL01

New Path

RCN Number: 10100703

Administrative Information

CA-SFO0212A CA
City/County San Francisco/San Francisco
Status / License Basis Engineering Proposal / PRIMARY OPERATION
Call Sign WQML885
Licensee Code CLESP3
Licensee Name Clearwire Spectrum Holdings III, LL
Radio Service / Station Class MG -- Microwave Industrial/Business Pool

CA-SFO0701A CA

San Francisco/San Francisco
Engineering Proposal / PRIMARY OPERATION

CLESP3
Clearwire Spectrum Holdings III, LL
FXO -- Fixed

Site Information

Latitude (NAD 83)	37 ° 45' 18.6" N	37 ° 46' 21.2" N
Longitude (NAD 83)	122 ° 25' 6.0" W	122 ° 25' 3.9" W
Ground Elevation (m/ft-AMSL)	21.00 / 68.9	12.10 / 39.7
Antenna Structure Registration #		
Path Azimuth (°)	1.525	181.526
Path Length (km / miles)	1.931 / 1.200	

Transmit Antenna

99141R	99141R
MANUFACTURER RADIO WAVES, INC	RADIO WAVES, INC
MODEL HPCPE-23	HPCPE-23
GAIN(dBi) / BEAMWIDTH(°) / TILT(°) 34.4 / 2.90 / -1.07	34.4 / 2.90 / 1.05
CENTERLINE (m / ft - AGL) 40.54 / 133.0	13.72 / 45.0

Receive Antenna

Same As Transmit

MANUFACTURER
MODEL
GAIN (dBi) / BEAMWIDTH (°)
CENTERLINE (m / ft - AGL)

Diversity Receive Antenna

MANUFACTURER
MODEL
GAIN (dBi) / BEAMWIDTH (°)
CENTERLINE (m / ft - AGL)

Radio Information

TEMR36	TEMR36
DRAGONWAVE INC	DRAGONWAVE INC
23HD50HFC364V02	23HD50HFC364V02
HORIZON DUO	HORIZON DUO
EMISSION DESIGNATOR / MODULATION 47M1D7W 256 QAM	47M1D7W 256 QAM
LOADING 1 CH DIG 364000.000	1 CH DIG 364000.000
STABILITY (%) 0.001	0.001
Nominal Coordinated Maximum	Nominal Coordinated Maximum
Power (dBm) 15.5	15.5
Received Level (dBm) -40.8	-40.8
EIRP (dBm) 49.9	49.9
Fixed Loss: Tx / Common (dB) 0.0 / 0.0	0.0 / 0.0
Free Space Loss (dB) 125.1	

Transmit Frequencies (MHz)	22175.0000V(8)	22275.0000V(10)	23375.0000V(8)	23475.0000V(10)
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