

# 40 Haruru Road, Makarau

**Telco Report to Council for Infill Subdivision via  
Wireless Telecommunications**

Compass Communications Ltd

0800 969 869

[www.compass.net.nz](http://www.compass.net.nz)

Compass Communications Ltd

Delnaz Rana  
10/16/2018

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## Telco Report to Council for Infill Subdivision via Wireless Telecommunications

Subdivision address(s): 40 Haruru Road, Makarau

Surveyed/tested lots – Lot 1 – DP419730

Telco Reference: Niki Bakker

Line of Sight Test Date: 10/10/2018

### Services Expected to be supplied

Item	Service Detail	Telco to Certify if can supply (Yes/No)
Phone line	Standard exchange based phone services	Yes
	Option for second phone line	Yes
	Supports fax service	Subject to the fax machine
	Supports a monitored security alarm line	Yes for IP Alarms / No for Analogue monitoring
	Supports a medical alarm (such as St John's "Lifelink" service)	Yes for IP alarms / No for Analogue
Internet	Internet access for browsing and email	Yes

### Service Parameters

Parameter	Telco to Certify and/or Comment
Confirm good line of sight coverage from the telco radio node/base station to the individual homes in the subdivision *	Lot 1 has LOS to Tahekeroa base station
Schedule results of any signal strength or file transfer tests carried out	Refer notes below
Are any easements required to protect line of sight transmission? *	No* as below
Confirm satisfactory site tests have been performed to each property/home*	Yes*
State Internet speed achieved at the time of the site test	Up to 10Mbps downlink / 3Mbps uplink
Confirm a design reliability of at least 99.9% (approx. 8 hrs outage per year) averaged over a year from their network core to the home demarcation point	Yes
Confirm the <u>option</u> to remain working during a power outage (e.g. those with a medical condition or security alarm who may require it) by the addition of a back-up battery source of power with a capacity of 4-8 hours	Yes. Battery back up to be funded and maintained by customer
Confirm appropriate network capacity is available or planned to be available within an acceptable time to service the subdivision	Yes. Available currently.

## Pricing

Service		Pricing (\$, incl GST)
Compass Wireless Home phone + Internet	Installation	\$249 for standard install + non standard costs
	Monthly Rental (Up to 5/1Mbps Broadband Access+ 25GB + Home phone)	From \$88
Compass Wireless Internet	Installation	\$249 for standard install + non standard costs
	Monthly Rental (Up to 5/1Mbps Broadband Access + 25GB)	From \$78

## NOTES:

- \*Tests performed on bare subdivision with no existing buildings.
- \*Line of sight and throughput is acceptable from ground level within the tested lot
- \*Compass Communications has no control over future man-made or natural structures that may inhibit the delivery of service to the tested lot.

This report and certification is provided as evidence that the telecommunication requirements set by condition of subdivision have been complied with.

Signed



---

Print:

Delnaz Rana

Position

Office Administrator

Telco

Compass Communications LTD

Date

16/10/2018



**Proposed Subdivision Plan – Lot 1 (DP419730) :**



## Telco Report to Council for Infill Subdivision via Wireless Telecommunications

Subdivision address(s): 40 Haruru Road, Makarau  
 Surveyed/tested lots – Lot 2 DP419730  
 Telco Reference: Niki Bakker  
 Line of Sight Test Date: 10/10/2018

### Services Expected to be supplied

Item	Service Detail	Telco to Certify if can supply (Yes/No)
Phone line	Standard exchange based phone services	Yes
	Option for second phone line	Yes
	Supports fax service	Subject to the fax machine
	Supports a monitored security alarm line	Yes for IP Alarms / No for Analogue monitoring
	Supports a medical alarm (such as St John's "Lifelink" service)	Yes for IP alarms / No for Analogue
Internet	Internet access for browsing and email	Yes

### Service Parameters

Parameter	Telco to Certify and/or Comment
Confirm good line of sight coverage from the telco radio node/base station to the individual homes in the subdivision *	Lot 2 has LOS to Tahekeroa base station
Schedule results of any signal strength or file transfer tests carried out	Refer notes below
Are any easements required to protect line of sight transmission? *	No* as below
Confirm satisfactory site tests have been performed to each property/home*	Yes*
State Internet speed achieved at the time of the site test	Up to 10Mbps downlink / 3Mbps uplink
Confirm a design reliability of at least 99.9% (approx. 8 hrs outage per year) averaged over a year from their network core to the home demarcation point	Yes
Confirm the <u>option</u> to remain working during a power outage (e.g. those with a medical condition or security alarm who may require it) by the addition of a back-up battery source of power with a capacity of 4-8 hours	Yes. Battery back up to be funded and maintained by customer

Confirm appropriate network capacity is available or planned to be available within an acceptable time to service the subdivision	Yes. Available currently.
---	---------------------------

### Pricing

Service		Pricing (\$, incl GST)
Compass Wireless Home phone + Internet	Installation	\$249 for standard install + non-standard costs
	Monthly Rental (Up to 5/1Mbps Broadband Access+ 25GB + Home phone)	From \$88
Compass Wireless Internet	Installation	\$249 for standard install + non-standard costs
	Monthly Rental (Up to 5/1Mbps Broadband Access + 25GB)	From \$78

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Print:

Delnaz Rana

Position

Office Administrator

Telco

Compass Communications LTD

Date

16/10/2018



**Proposed Subdivision Plan – Lot 2 (DP419730) :**





## Telco Report to Council for Infill Subdivision via Wireless Telecommunications

Subdivision address(s): 40 Haruru Road, Makarau

Surveyed/tested lots – Lot 3 DP419730

Telco Reference: Niki Bakker

Line of Sight Test Date: 10/10/2018

### Services Expected to be supplied

Item	Service Detail	Telco to Certify if can supply (Yes/No)
Phone line	Standard exchange based phone services	Yes
	Option for second phone line	Yes
	Supports fax service	Subject to the fax machine
	Supports a monitored security alarm line	Yes for IP Alarms / No for Analogue monitoring
	Supports a medical alarm (such as St John's "Lifelink" service)	Yes for IP alarms / No for Analogue
Internet	Internet access for browsing and email	Yes

### Service Parameters

Parameter	Telco to Certify and/or Comment
Confirm good line of sight coverage from the telco radio node/base station to the individual homes in the subdivision *	Lot 3 has LOS to Tahekeroa base station
Schedule results of any signal strength or file transfer tests carried out	Refer notes below
Are any easements required to protect line of sight transmission? *	No* as below
Confirm satisfactory site tests have been performed to each property/home*	Yes*
State Internet speed achieved at the time of the site test	Up to 10Mbps downlink / 3Mbps uplink
Confirm a design reliability of at least 99.9% (approx. 8 hrs outage per year) averaged over a year from their network core to the home demarcation point	Yes
Confirm the <b>option</b> to remain working during a power outage (e.g. those with a medical condition or security alarm who may require it) by the addition of a back-up battery source of power with a capacity of 4-8 hours	Yes. Battery back up to be funded and maintained by customer
Confirm appropriate network capacity is available or planned to be available within an acceptable time to service the subdivision	Yes. Available currently.

## Pricing

Service		Pricing (\$, incl GST)
Compass Wireless Home phone + Internet	Installation	\$249 for standard install + non-standard costs
	Monthly Rental (Up to 5/1Mbps Broadband Access+ 25GB + Home phone)	From \$88
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Print:

Delnaz Rana

Position

Office Administrator

Telco

Compass Communications LTD

Date

16/10/2018

[illegible]

## Telco Report to Council for Infill Subdivision via Wireless Telecommunications

Subdivision address(s): 40 Haruru Road, Makarau  
 Surveyed/tested lots – Part Allot 17 Parish of Makarau

Telco Reference: Niki Bakker

Line of Sight Test Date: 10/10/2018

### Services Expected to be supplied

Item	Service Detail	Telco to Certify if can supply (Yes/No)
Phone line	Standard exchange based phone services	Yes
	Option for second phone line	Yes
	Supports fax service	Subject to the fax machine
	Supports a monitored security alarm line	Yes for IP Alarms / No for Analogue monitoring
	Supports a medical alarm (such as St John's "Lifelink" service)	Yes for IP alarms / No for Analogue
Internet	Internet access for browsing and email	Yes

### Service Parameters

Parameter	Telco to Certify and/or Comment
Confirm good line of sight coverage from the telco radio node/base station to the individual homes in the subdivision *	LOS to Tahekeroa base station
Schedule results of any signal strength or file transfer tests carried out	Refer notes below
Are any easements required to protect line of sight transmission? *	No* as below
Confirm satisfactory site tests have been performed to each property/home*	Yes*
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Confirm the <u>option</u> to remain working during a power outage (e.g. those with a medical condition or security alarm who may require it) by the addition of a back-up battery source of power with a capacity of 4-8 hours	Yes. Battery back up to be funded and maintained by customer



Confirm appropriate network capacity is available or planned to be available within an acceptable time to service the subdivision	Yes. Available currently.
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### Pricing

Service		Pricing (\$, incl GST)
Compass Wireless Home phone + Internet	Installation	\$249 for standard install + non-standard costs
	Monthly Rental (Up to 5/1Mbps Broadband Access+ 25GB + Home phone)	From \$88
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Delnaz Rana

Position

Office Administrator

Telco

Compass Communications LTD

Date

16/10/2018

**Lot 2**  
0.50 ha.  
CT 10365 (sued)  
HS3912

**Lot 7**  
0.68 ha.  
CT 10365 (sued)  
HS3912

**Lot 1**  
120 ha.  
CT 10365 (sued)  
HS3912

**Lot 9**  
120 ha.

**Lot 10**  
120 ha.

**Lot 11**  
120 ha.

**Lot 12**  
120 ha.

**Lot 13**  
120 ha.

**Lot 14**  
120 ha.

**Lot 15**  
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**Lot 16**  
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**Lot 18**  
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**Lot 19**  
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**Lot 21**  
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**Lot 22**  
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**Lot 25**  
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**Lot 26**  
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**Lot 27**  
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**Lot 35**  
120 ha.

**Lot 36**  
120 ha.

**Lot 37**  
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**Lot 38**  
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**Lot 39**  
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**Lot 40**  
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**Lot 90**  
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**Lot 107**  
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**Lot 114**  
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**Lot 115**  
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**Lot 116**  
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**Lot 117**  
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**Lot 118**  
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**Lot 119**  
120 ha.

**Lot 120**  
120 ha.

**Lot 121**  
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**Lot 125**  
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**Lot 133**  
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**Lot 134**  
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**Lot 135**  
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**Lot 136**  
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**Lot 137**  
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**Lot 138**  
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**Lot 139**  
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**Lot 140**  
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**Lot 141**  
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120 ha.

**Lot 149**  
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**Lot 150**  
120 ha.

**Lot 151**  
120 ha.

**Lot 152**  
120 ha.

**Lot 153**  
120 ha.

**Lot 154**  
120 ha.

**Lot 155**  
120 ha.

**Lot 156**  
120 ha.

**Lot 157**  
120 ha.

**Lot 158**  
120 ha.

**Lot 159**  
120 ha.

**Lot 160**  
120 ha.

**Lot 161**  
120 ha.

**Lot 162**  
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**Lot 163**  
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**Lot 164**  
120 ha.

**Lot 165**  
120 ha.

**Lot 166**  
120 ha.

**Lot 167**  
120 ha.

**Lot 168**  
120 ha.

**Lot 169**  
120 ha.

**Lot 170**  
120 ha.

**Lot 171**  
120 ha.

**Lot 172**  
120 ha.

**Lot 173**  
120 ha.

**Lot 174**  
120 ha.

**Lot 175**  
120 ha.

**Lot 176**  
120 ha.

**Lot 177**  
120 ha.

**Lot 178**  
120 ha.

**Lot 179**  
120 ha.

**Lot 180**  
120 ha.

**Lot 181**  
120 ha.

**Lot 182**  
120 ha.

**Lot 183**  
120 ha.

**Lot 184**  
120 ha.

**Lot 185**  
120 ha.

**Lot 186**  
120 ha.

**Lot 187**  
120 ha.

**Lot 188**  
120 ha.

## Telco Report to Council for Infill Subdivision via Wireless Telecommunications

Subdivision address(s): 40 Haruru Road, Makarau

Surveyed/tested lots – Lot 5 – DP487280

Telco Reference: Niki Bakker

Line of Sight Test Date: 10/10/2018

### Services Expected to be supplied

Item	Service Detail	Telco to Certify if can supply (Yes/No)
Phone line	Standard exchange based phone services	Yes
	Option for second phone line	Yes
	Supports fax service	Subject to the fax machine
	Supports a monitored security alarm line	Yes for IP Alarms / No for Analogue monitoring
	Supports a medical alarm (such as St John's "Lifelink" service)	Yes for IP alarms / No for Analogue
Internet	Internet access for browsing and email	Yes

### Service Parameters

Parameter	Telco to Certify and/or Comment
Confirm good line of sight coverage from the telco radio node/base station to the individual homes in the subdivision *	Lot 5 has LOS to Tahekeroa base station
Schedule results of any signal strength or file transfer tests carried out	Refer notes below
Are any easements required to protect line of sight transmission? *	No* as below
Confirm satisfactory site tests have been performed to each property/home*	Yes*
State Internet speed achieved at the time of the site test	Up to 10Mbps downlink / 3Mbps uplink
Confirm a design reliability of at least 99.9% (approx. 8 hrs outage per year) averaged over a year from their network core to the home demarcation point	Yes
Confirm the <u>option</u> to remain working during a power outage (e.g. those with a medical condition or security alarm who may require it) by the addition of a back-up battery source of power with a capacity of 4-8 hours	Yes. Battery back up to be funded and maintained by customer
Confirm appropriate network capacity is available or planned to be available within an acceptable time to service the subdivision	Yes. Available currently.

## Pricing

Service		Pricing (\$, incl GST)
Compass Wireless Home phone + Internet	Installation	\$249 for standard install + non-standard costs
	Monthly Rental (Up to 5/1Mbps Broadband Access+ 25GB + Home phone)	From \$88
Compass Wireless Internet	Installation	\$249 for standard install + non-standard costs
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## NOTES:

- \*Tests performed on bare subdivision with no existing buildings.
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Signed

Print:

Delnaz Rana

Position

Office Administrator

Telco

Compass Communications LTD

Date

16/10/2018



[illegible]

## Telco Report to Council for Infill Subdivision via Wireless Telecommunications

Subdivision address(s): 40 Haruru Road, Makarau

Surveyed/tested lots – Lot 6 – DP487280

Telco Reference: Niki Bakker

Line of Sight Test Date: 10/10/2018

### Services Expected to be supplied

Item	Service Detail	Telco to Certify if can supply (Yes/No)
Phone line	Standard exchange based phone services	Yes
	Option for second phone line	Yes
	Supports fax service	Subject to the fax machine
	Supports a monitored security alarm line	Yes for IP Alarms / No for Analogue monitoring
	Supports a medical alarm (such as St John's "Lifelink" service)	Yes for IP alarms / No for Analogue
Internet	Internet access for browsing and email	Yes

### Service Parameters

Parameter	Telco to Certify and/or Comment
Confirm good line of sight coverage from the telco radio node/base station to the individual homes in the subdivision *	Lot 6 has LOS to Tahekeroa base station
Schedule results of any signal strength or file transfer tests carried out	Refer notes below
Are any easements required to protect line of sight transmission? *	No* as below
Confirm satisfactory site tests have been performed to each property/home*	Yes*
State Internet speed achieved at the time of the site test	Up to 10Mbps downlink / 3Mbps uplink
Confirm a design reliability of at least 99.9% (approx. 8 hrs outage per year) averaged over a year from their network core to the home demarcation point	Yes
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Service		Pricing (\$, incl GST)
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Position

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Date

16/10/2018



[illegible]



## Telco Report to Council for Infill Subdivision via Wireless Telecommunications

Subdivision address(s): 40 Haruru Road, Makarau

Surveyed/tested lots – Lot 8 – DP487280

Telco Reference: Niki Bakker

Line of Sight Test Date: 10/10/2018

### Services Expected to be supplied

Item	Service Detail	Telco to Certify if can supply (Yes/No)
Phone line	Standard exchange based phone services	Yes
	Option for second phone line	Yes
	Supports fax service	Subject to the fax machine
	Supports a monitored security alarm line	Yes for IP Alarms / No for Analogue monitoring
	Supports a medical alarm (such as St John's "Lifelink" service)	Yes for IP alarms / No for Analogue
Internet	Internet access for browsing and email	Yes

### Service Parameters

Parameter	Telco to Certify and/or Comment
Confirm good line of sight coverage from the telco radio node/base station to the individual homes in the subdivision *	Lot 7 has LOS to Tahekeroa base station
Schedule results of any signal strength or file transfer tests carried out	Refer notes below
Are any easements required to protect line of sight transmission? *	No* as below
Confirm satisfactory site tests have been performed to each property/home*	Yes*
State Internet speed achieved at the time of the site test	Up to 10Mbps downlink / 3Mbps uplink
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Delnaz Rana

Position

Office Administrator

Telco

Compass Communications LTD

Date

16/10/2018

[illegible]

## LOT 1 # 27

**T-770336 - 1344764 – Telco Cert for 40 HARURU ROAD MAKARAU AUCKLAND**

The LOS/ Telco Cert for the above mentioned location is a pass as per the details below:

Subscriber Module

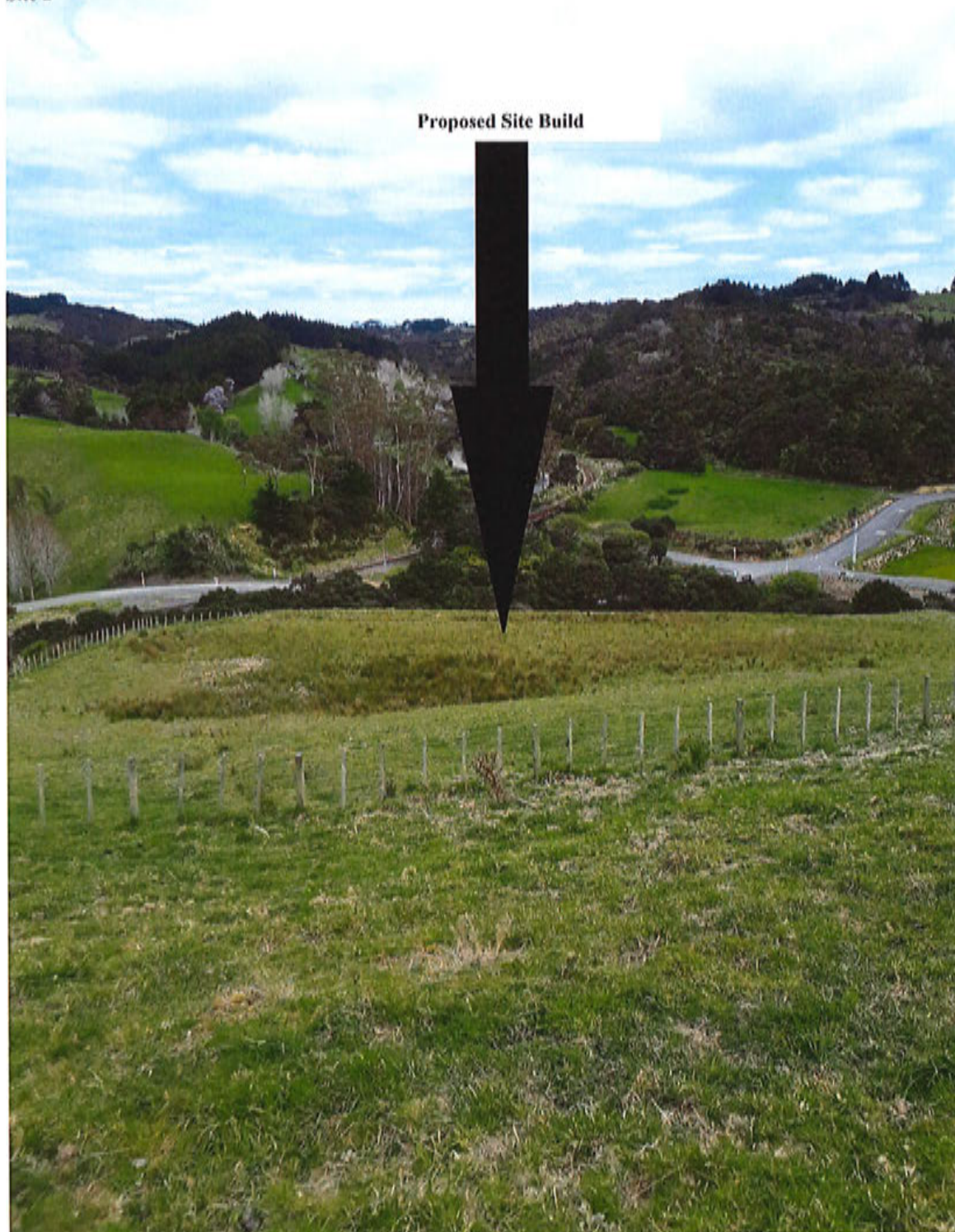
Home

Device Name	Test
Operating Frequency	2487 MHz
Operating Channel Bandwidth	20 MHz
Transmitter Output Power	18 dBm
Antenna Gain	11 dBi
Country	New Zealand
Subscriber Module Mode	TD0
Subscriber Module Priority	Normal
Network Mode	Bridge
Downlink RSSI	-57 dBm
Downlink SINR	41 dB
Uplink MCS	MCS 11
Downlink MCS	MCS 1
onfesto Remote Management	Disabled

Wireless MAC Address	00:04:56:D6:2D:39
Ethernet MAC Address	00:04:56:D6:2D:38
IP Address	10.250.2.177
Date and Time	10 Oct 2016, 18:34:34 NZDT
System Uptime	7 minutes, 32 seconds
System Description	—
Registered AP SSID	Tahelara045
Registered AP MAC Address	00:04:56:CA:82:CC
Device Coordinates	—
DPS Status	In-Service Monitoring
Link Quality (Uplink)	100 %
Link Capacity (Uplink)	39 %
Ethernet Status	100 Mbps / Full
Wireless Status	Up



**40 HARURU ROAD MAKARAU AUCKLAND**  
**Site 2**



**40 HARURU ROAD MAKARAU AUCKLAND**  
**Site 2**





## LOT 2 # 26

**T-770336 - 1344764 – Telco Cert for 40 HARURU ROAD MAKARAU AUCKLAND**

The LOS/ Telco Cert for the above mentioned location is a pass as per the details below:

Subscriber Module

Administrator

Home

Device Name	Test
Operating Frequency	2412 MHz
Operating Channel Bandwidth	20 MHz
Transmitter Output Power	25 dBm
Antenna Gain	11 dBi
Country	New Zealand
Subscriber Module Mode	TDD
Subscriber Module Priority	Normal
Network Mode	Bridge
Downlink RSSI	-69 dBm
Downlink SNR	30 dB
Uplink MCS	MCS 9
Downlink MCS	MCS 2
en/aastro Remote Management	Disabled

Wireless MAC Address	00:04:56:09:2D:39
Ethernet MAC Address	00:04:56:06:2D:38
IP Address	10.250.2.177
Date and Time	19 Oct 2018, 13:38:45 NZDT
System Uptime	11 minutes, 45 seconds
System Description	--
Registered AP SSID	Tshakeroad
Registered AP MAC Address	00:04:56:CA:82:E4
Device Coordinates	--
DPS Status	In-Service Monitoring
Link Quality (Uplink)	100 %
Link Capacity (Uplink)	30 %
Ethernet Status	100 Mbps / Full
Wireless Status	Up

40 HARURU ROAD MAKARAU AUCKLAND  
Site 3





40 HARURU ROAD MAKARAU  
AUCKLAND



### LOT 3 # 28

#### **T-770336 - 1344764 – Telco Cert for 40 HARURU ROAD MAKARAU AUCKLAND**

The LOS/ Telco Cert for the above mentioned location is a pass as per the details below:

##### Home

Device Name	Test
Operating Frequency	2457 MHz
Operating Channel Bandwidth	20 MHz
Transmitter Output Power	25 dBm
Antenna Gain	11 dBi
Country	New Zealand
Subscriber Module Mode	TDD
Subscriber Module Priority	Normal
Network Mode	Bridge
Downlink RSSI	-44 dBm
Downlink SNR	31 dB
Uplink MCS	MCS 33
Downlink MCS	MCS 1
cnMaestro Remote Management	Disabled

Wireless MAC Address	00:04:56:06:20:39
Ethernet MAC Address	00:04:56:06:20:38
IP Address	10.250.2.177
Date and Time	10 Oct 2018, 13:30:13 NZDT
System Uptime	3 minutes, 12 seconds
System Description	--
Registered AP SSID	Tsharus5
Registered AP MAC Address	00:04:56:CA:87:CC
Device Coordinates	--
DPS Status	In-Service Monitoring
Link Quality (Uplink)	100 %
Link Capacity (Uplink)	10 N
Ethernet Status	100 Mbps / Full
Wireless Status	Up



**40 HARURU ROAD MAKARAU AUCKLAND**  
**Site 1**





40 HARURU ROAD MAKARAU  
AUCKLAND  
Site 1





**# 25 –Part Allot 17 Parish of Makarau**

**T-770336 - 1344764 – Telco Cert for 40 HARURU ROAD MAKARAU AUCKLAND**

The LOS/ Telco Cert for the above mentioned location is a pass as per the details below:

Subscriber Module

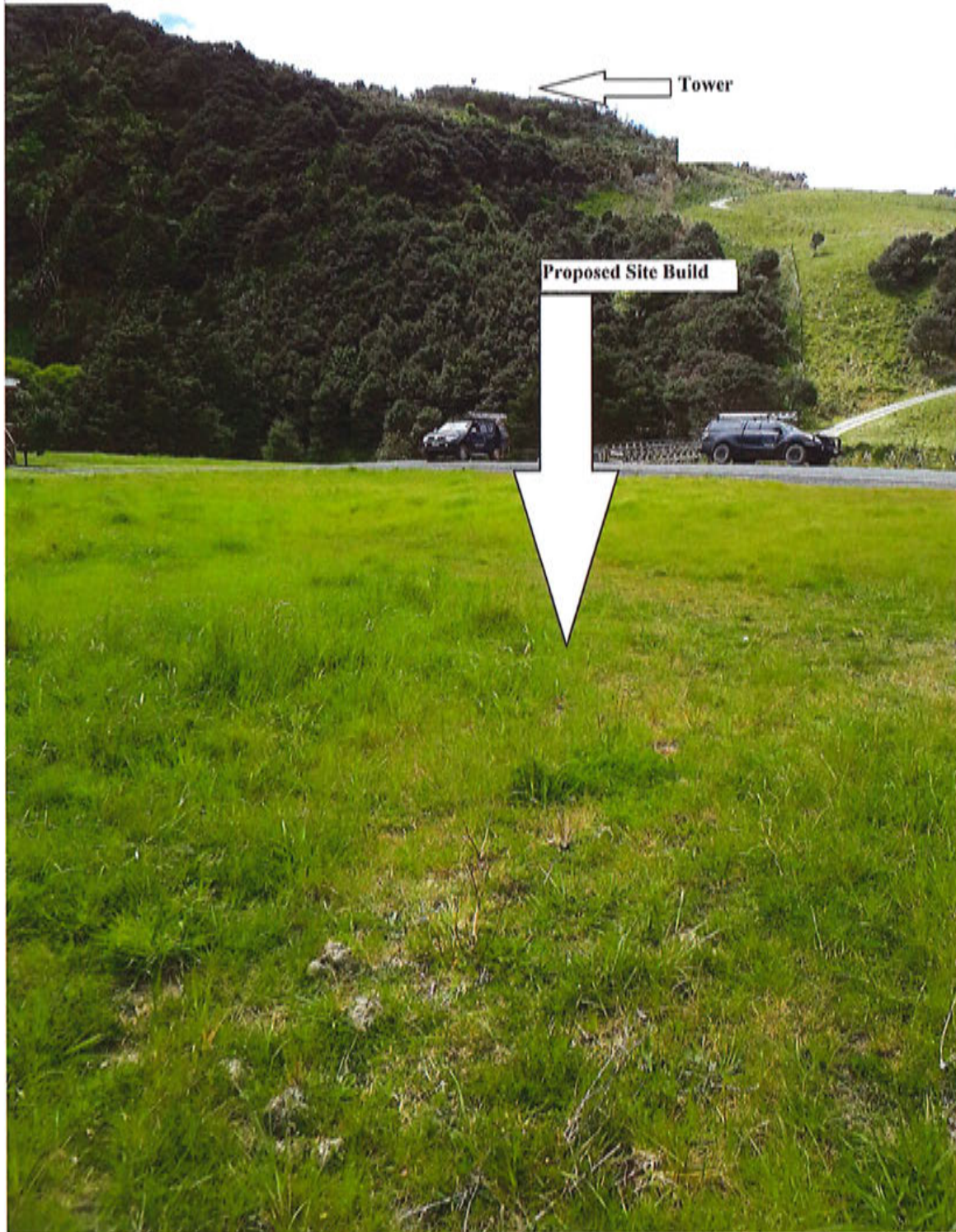
Administrator

Home

Device Name	Test
Operating Frequency	2457 MHz
Operating Channel Bandwidth	20 MHz
Transmitter Output Power	25 dBm
Antenna Gain	11 dBi
Country	New Zealand
Subscriber Module Mode	TDD
Subscriber Module Priority	Normal
Network Mode	Bridge
Downlink RSSI	-63 dBm
Downlink SNR	34 dB
Uplink MCS	MCS 13
Downlink MCS	MCS 1
onMaestro Remote Management	Disabled

Wireless MAC Address	00:04:56:06:20:39
Ethernet MAC Address	00:04:56:06:20:38
IP Address	10.250.3.177
Date and Time	10 Oct 2018, 13:49:14 NZDT
System Uptime	22 minutes, 12 seconds
System Description	=
Registered AP SSID	Tahakopa5
Registered AP MAC Address	00:04:56:CA:82:CC
Device Coordinates	=
DFS Status	In-Service Monitoring
Link Quality (Uplink)	98 %
Link Capacity (Uplink)	80 %
Ethernet Status	100 Mbps / Full
Wireless Status	Up

40 HARURU ROAD MAKARAU AUCKLAND  
Site 4



## LOT 5 # 29

### **T-770336 - 1344764 – Telco Cert for 40 HARURU ROAD MAKARAU AUCKLAND**

The LOS/ Telco Cert for the above mentioned location is a pass as per the details below:

#### Home

Device Name	Test	Wireless MAC Address	00:04:56:06:2D:39
Operating Frequency	2457 MHz	Ethernet MAC Address	00:04:56:06:2D:38
Operating Channel Bandwidth	20 MHz	IP Address	10.250.3.177
Transmitter Output Power	25 dBm	Date and Time	10 Oct 2018, 11:52:51 NZDT
Antenna Gain	11 dBi	System Uptime	25 minutes, 50 seconds
Country	New Zealand	System Description	--
Subscriber Module Mode	TDD	Registered AP SSID	Tahakeroa3
Subscriber Module Priority	Normal	Registered AP MAC Address	00:04:56:CA:82:CC
Network Mode	Bridge	Device Coordinates	--
Downlink RSSI	-63 dBm	DPS Status	In-Service Monitoring
Downlink SNR	35 dB	Link Quality (Uplink)	84 %
Uplink MCS	MCS 7	Link Capacity (Uplink)	30 %
Downlink MCS	MCS 1	Ethernet Status	100 Mbps / Full
cnMaestro Remote Management	Disabled	Wireless Status	Up



**40 HARURU ROAD MAKARAU AUCKLAND**  
**Site 5**





40 HARURU ROAD MAKARAU AUCKLAND  
Site 5



## LOT 6 # 30

### **T-770336 - 1344764 – Telco Cert for 40 HARURU ROAD MAKARAU AUCKLAND**

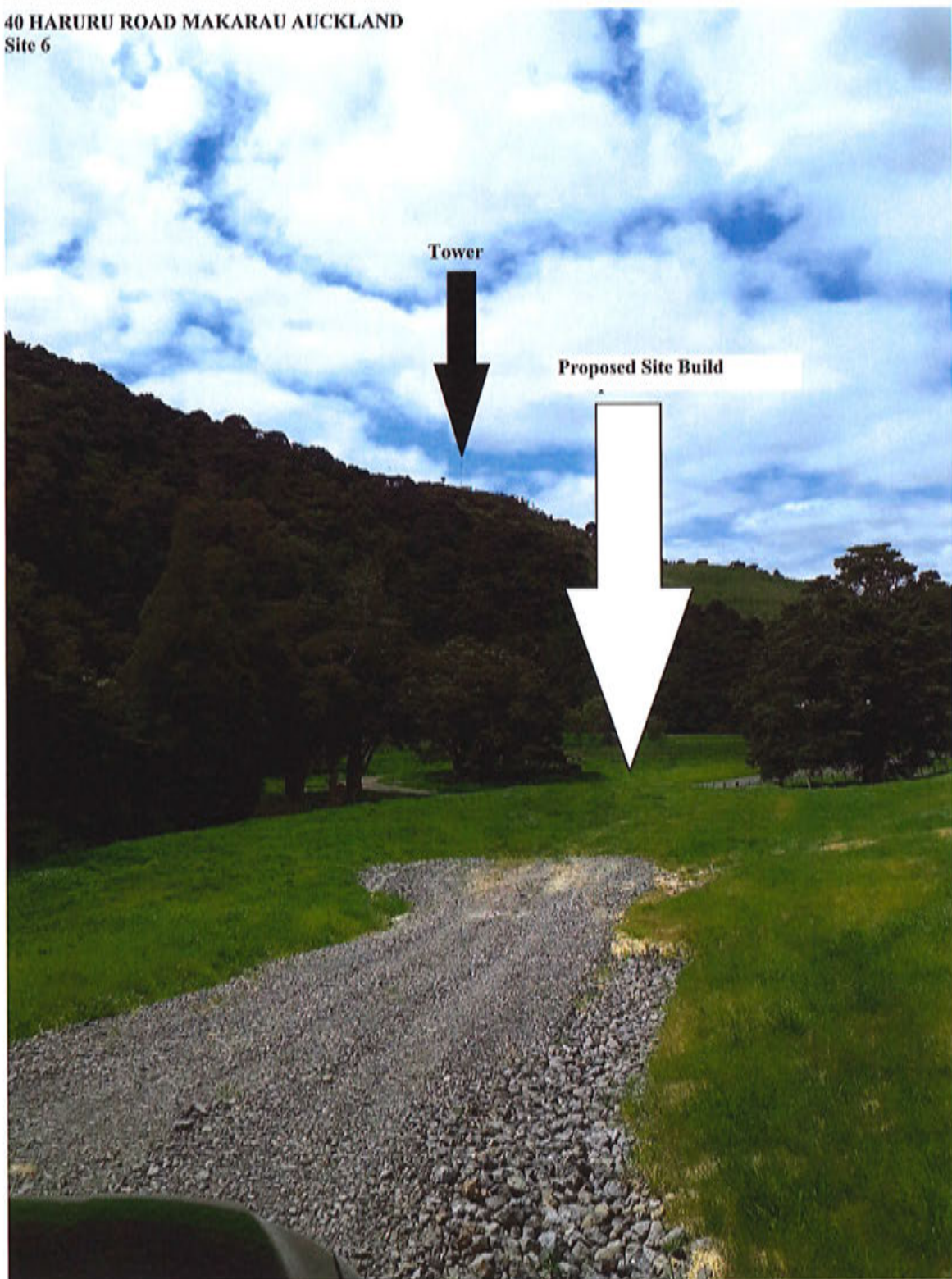
The LOS/ Telco Cert for the above mentioned location is a pass as per the details below:

#### Home

Device Name	Test	Wireless MAC Address	00:04:56:06:20:39
Operating Frequency	2457 MHz	Ethernet MAC Address	00:04:56:06:20:38
Operating Channel Bandwidth	20 MHz	IP Address	10.250.2.177
Transmitter Output Power	19 dBm	Date and Time	10 Oct 2018, 11:56:55 NZDT
Antenna Gain	11 dBi	System Uptime	29 minutes, 53 seconds
Country	New Zealand	System Description	-
Subscriber Module Mode	TDD	Registered AP SSID	Tshakera5
Subscriber Module Priority	Normal	Registered AP MAC Address	00:04:56:CA:82:CC
Network Mode	Bridge	Device Coordinates	-
Downlink RSSI	-51 dBm	DPS Status	In-Service Monitoring
Downlink SNR	45 dB	Link Quality (Uplink)	100 %
Uplink MCS	MCS 9	Link Capacity (Uplink)	15 %
Downlink MCS	MCS 1	Ethernet Status	100 Mbps / Full
cnMasestro Remote Management	Disabled	Wireless Status	Up



40 HARURU ROAD MAKARAU AUCKLAND  
Site 6



## LOT 8 # 31

**T-770336 - 1344764 – Telco Cert for 40 HARURU ROAD MAKARAU AUCKLAND**

The LOS/ Telco Cert for the above mentioned location is a pass as per the details below:

Home

Device Name	Test
Operating Frequency	2437 MHz
 Operating Channel Bandwidth	20 MHz
Transmitter Output Power	32 dBm
Antenna Gain	11 dBi
Country	New Zealand
Subscriber Module Mode	TDD
Subscriber Module Priority	Normal
Network Mode	Bridge
Downlink RSSI	-50 dBm
Downlink SINR	48 dB
Uplink MCS	MCS 32
Downlink MCS	MCS 3
enMastrol Remote Management	Disabled

Wireless MAC Address	00:04:56:06:2D:39
Ethernet MAC Address	00:04:56:06:2D:58
IP Address	10.250.2.177
Date and Time	10 Oct 2018, 14:02:31 NZDT
System Uptime	35 minutes, 20 seconds
System Description	—
Registered AP SSID	Tshelara5
Registered AP MAC Address	00:04:56:CA:82:CC
Device Coordinates	—
DPS Status	In-Service Monitoring
Link Quality (Uplink)	100 %
Link Capacity (Uplink)	40 %
Ethernet Status	100 Mbps / Full
Wireless Status	Up



40 HARURU ROAD MAKARAU AUCKLAND  
Site 7

