

# Results of the 2014 VHF DX Weekend - 1/2 February

VHF-UHF-SHF-EHF Contests, as administered by the Auckland VHF Group Inc.

<b>Overall Winner</b>	<b>Station</b>	<b>Points</b>
	ZL1AA	10064 *
	ZL2BKC	7123
	ZL4AA	3213
	ZL2FAE	2806
	ZL2ADU	1578
	ZL1RS	1497
	ZL2IP	654
	ZL2TAL	146
	ZL3UYJ	94

<b>Band winner</b>	<b>Station</b>	<b>Points</b>
6 m (50 MHz)	ZL4AA	515 *
	ZL1RS	413
	ZL2FAE	169
	ZL1AA	61

<b>Band winner</b>	<b>Station</b>	<b>Points</b>
2 m (144 MHz)	ZL2FAE	1771 *
	ZL4AA	1596
	ZL2ADU	1578
	ZL1RS	1084
	ZL2BKC	531
	ZL1AA	419
	ZL2TAL	131
	ZL3UYJ	82

<b>Band winner</b>	<b>Station</b>	<b>Points</b>
70 cm (432 MHz)	ZL4AA	928 *
	ZL2FAE	866
	ZL2BKC	308
	ZL1AA	216
	ZL3UYJ	12
	ZL2IP	2

<b>Band winner</b>	<b>Station</b>	<b>Points</b>
32 cm (925 MHz)	ZL2BKC	727 *
	ZL1AA	727 *

<b>Band winner</b>	<b>Station</b>	<b>Points</b>
23 cm (1296 MHz)	ZL1AA	1202 *
	ZL2BKC	1095
	ZL2IP	305
	ZL4AA	174
	ZL2TAL	15

<b>Band winner</b>	<b>Station</b>	<b>Points</b>
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13 cm (2399 MHz)	ZL1AA	1112
	ZL2BKC	814
	ZL2IP	12

Band winner	Station	Points
9 cm (3400 MHz)	ZL1AA	6269 *
	ZL2BKC	3648
	ZL2IP	335

Band winner	Station	Points
6 cm (5760 MHz)	ZL1AA	58 *

Greatest DX	Station	Distance
6 m	ZL1RS-ZL4AA	1211 km
2 m EME	ZL2ADU-WA3QPX	14190 km
2 m Internal	ZL2ADU-ZL4AA	759 km
70 cm	ZL2FAE-ZL4AA	645 km
32 cm	ZL2BKC-ZL1AA	337 km
23 cm	ZL2BKC-ZL1AA	337 km
13 cm	ZL2BKC-ZL1AA	337 km
9 cm	ZL2BKC-ZL1AA	337 km
6 cm	ZL1TBG-ZL1AA	16 km

Certificate \*

#### Active Stations 38 in total

ZL1AA ZL1AKW ZL1AVZ ZL1IU ZL1IW ZL1JV ZL1RS ZL1TBG ZL1TWR ZL1UET

ZL2ADU ZL2ALW ZL2BKC ZL2BRG ZL2CMC ZL2FAE ZL2IP ZL2KG ZL2MQ ZL2TAL ZL2TGQ ZL2TLF  
ZL2WHO

ZL3ADT ZL3CU ZL3GE ZL3LM ZL3MH ZL3NW ZL3PX ZL3THQ ZL3UYJ

ZL4AA ZL4CG ZL4DC ZL4LV ZL4SA

WA3QPX

#### VHF mangers comments

Looking through the VHF UHF logs you could see an advantage with running QRP and high antenna gain from a high central site for a higher point's tally, feedback received was that with low power it is hard work, but to follow, or tag along behind other big stations help.

Tropo band conditions appeared to favour the South Island stations, although the northerners had reasonable tropo, noted was one 6 metre long haul contact using the propagation of meteor scatter with SSB, this required good operating skill at both ends to exchange serial numbers.

One station had a contact via the moon and exchanged serial numbers using JT65, although the rules do not specifically cater for EME, this was allowed and this is something that could be discussed further at the next VHF convention.

Higher microwave band activity was up this time compared to the December FD, most bands where worked, the 3 cm band or 10 GHz missed out for some reason with equipment failure on the day, the 23 cm and 32 cm had similar points recorded, the 9 cm band points where high because of the 1 point per km.

Thanks to all that participated.

#### **Operator comments**

- Yippy 1<sup>st</sup> ZL4 on SSB.
- 144 MHz: FT290 Mk1, 2.5W output power.
- 432 MHz: IC402, 2.5W output power.
- Found a loose plug meant we were probably running QRP on 2m much of the time on Saturday.
- Common: 6 m RG213, DK7ZB 2 m/70 cm Yagi 5el/8el.
- This was the first contest I've entered in New Zealand. Most of the activity on 2 m was centred on 144.2 MHz +/-10 kHz which was a problem with so many stations trying to interact. I guess I'm used to stations being more spread.
- Congratulations to ZL3UYJ for working ZL2ADU with only 2.5 Watts on the 2 metre band at a 470 km.
- 2 metre antenna: 4 x 7 element Yagi's at 8m height.
- 15 Element Hi-Gain 215B Beam (The blowtorch)
- The highlight was making ZL4AA on 70cm more than once on 5 watts!!!!
- Dome tent (was a rough night but slept lying flat which is better than in the seat of the cruiser). Took till 2am to get tent up in the wind!
- Power: 12 volts from Land cruiser batteries (only went through 20lt diesel)
- Diamond X50 (for the FM's) but not used.
- I operated QRP as a single operator /p under my own call sign (ZL2FAE) on 6 Mt 2 Mt and 70 cm.
- Weather was heavy overcast and mist/fog on Saturday but brilliantly fine on Sunday. Band conditions improved with the weather.
- Many signals on 2m on Sunday were so strong that QSYing 10 or 20 kHz was not far enough away to avoid hammering our receiver.
- ZL2FAE showed you can make up for a lack of power with a good site, patience, and lots of antenna gain.

The rules for VHF-UHF-SHF-EHF Contests, as administered by the Auckland VHF Group; on behalf of all VHF groups are available on the NZART website: <http://www.nzart.org.nz/activities/contest-rules/rules-vhf-and-above/>

All contest logs should be sent, to arrive within two weeks, to: [VHFcontest@nzart.org.nz](mailto:VHFcontest@nzart.org.nz)

Or by mail to: Contest Manager, PO Box 10138, Dominion Road, Auckland 1446.

Stephen Hayman - ZL1TPH

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