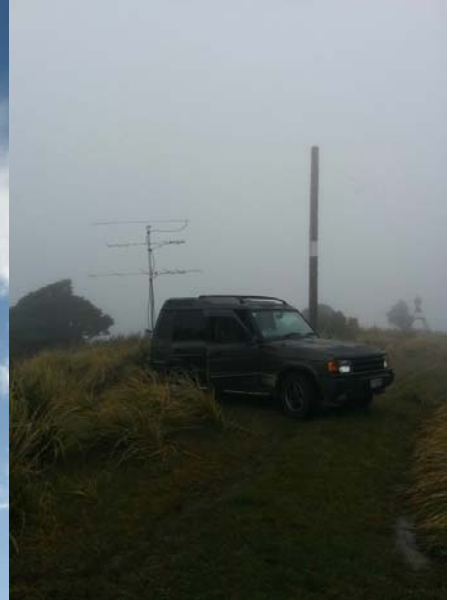


Results of the 2015 VHF Field Day – 5/6 December

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



VHF FD Contest stations 2015

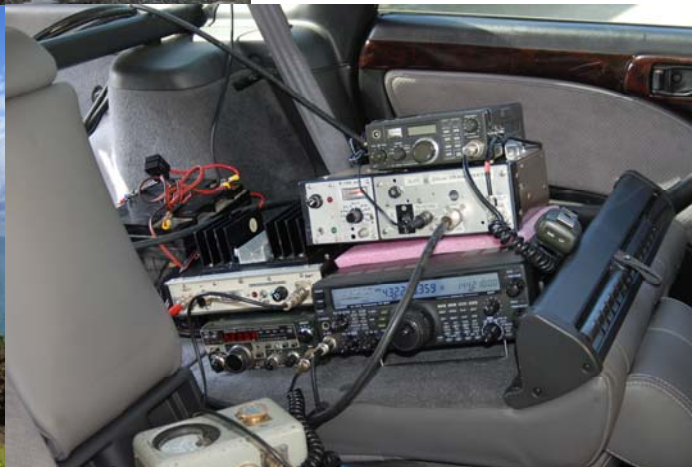
Top Left - Chris ZL2DX home station

Top Right - Simon ZL2BRG Mount Climie

Centre - ZL4AA Branch 30 Mount Car-gill Southland

Bottom Left - towards Simon ZL1SWW at ZL1BQ - Branch 66

Bottom Right - Laurie ZL2TC Hunterville



Results of the 2015 VHF Field Day – 5/6 December

VHF-UHF-SHF-EHF Contests, as administered by the Auckland VHF Group Inc; on behalf of all VHF groups, including all New Zealand radio amateurs and supported by NZART.

Overall Winner	Station	Points
	ZL1BQ	2901 *
	ZL1GSG	1741
	ZL4AA	1313
	ZL2WA	985
	ZL4OL	468
	ZL3RC	215
	ZL2TC	215
	ZL2DX	204
	ZL2ACG	180
	ZL1KNI	20

Check log: ZL1TBG

Band winner	Station	Points
6 m (50 MHz)	ZL1BQ	462 *
	ZL4AA	100
	ZL4OL	93
	ZL2DX	69
	ZL1KNI	4
	ZL3RC	4
	ZL2WA	2

Band winner	Station	Points
2 m (144 MHz)	ZL1BQ	863 *
	ZL4AA	613
	ZL2WA	566
	ZL4OL	327
	ZL3RC	215
	ZL1GSG	174
	ZL2TC	131
	ZL2ACG	108
	ZL2DX	68
	ZL1KNI	16

Band winner	Station	Points
70 cm (432 MHz)	ZL4AA	410 *
	ZL2WA	250
	ZL1GSG	122
	ZL1BQ	110
	ZL2TC	84
	ZL2ACG	72
	ZL2DX	67
	ZL4OL	24

Band winner	Station	Points
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32 cm (925 MHz)	ZL1GSG	108	*
	ZL1BQ	108	*

Band winner	Station	Points	
23 cm (1296 MHz)	ZL1GSG	527	*
	ZL1BQ	338	
	ZL2WA	51	
	ZL4AA	28	
	ZL4OL	24	

Band winner	Station	Points	
13 cm (2399 MHz)	ZL1BQ	12	*

Band winner	Station	Points	
9 cm (3400 MHz)	ZL1BQ	156	*

Band winner	Station	Points	
6 cm (5760 MHz)	ZL1GSG	450	*
	ZL1BQ	450	
	ZL4AA	162	

Band winner	Station	Points	
10 cm (10368 MHz)	ZL1GSG	360	*
	ZL1BQ	360	*
	ZL2WA	116	

Band winner	Station	Points	
1.2 cm (24048 MHz)	ZL1BQ	42	*

Greatest DX	Station	Distance
6 m (External)	ZL1BQ-3D2AG	2670 km
6 m (Internal)	ZL1RS-ZL4OL	1201 km
2 m	ZL2IT-ZL4OL	867 km
70 cm	ZL3ADT-ZL4AA	323 km
32 cm	ZL1BQ-ZL1GSG	50 km
23 cm	ZL1BQ-ZL1AKW	198 km
13 cm	ZL1BQ-ZL1TPH	13 km
9 cm	ZL1BQ-ZL1TPH	25 km
3 cm	ZL1BQ-ZL1GSG	50 km
1.2 cm	ZL1BQ-ZL1TPH	13 km

Certificate *

Active Stations (59 in total)

- ZL1AKW ZL1AVZ ZL1BK ZL1BQ ZL1GSG ZL1GSM ZL1HD ZL1HI ZL1KNI ZL1NX ZL1PO ZL1RCC ZL1RS ZL1TPH ZL1TWR ZL1WTT ZL1X
- ZL2ACG ZL2ADU ZL2ASF ZL2BRG ZL2CMC ZL2DX ZL2FAE ZL2IT ZL2IY ZL2OK ZL2TAL ZL2TC ZL2TDA ZL2TLF ZL2WA ZL2WHO
- ZL3ADT ZL3CU ZL3MH ZL3NW ZL3RC ZL3OZ ZL3PX ZL3TJ ZL3TKI ZL3TY
- ZL4AA ZL4BC ZL4IV ZL4KX ZL4LV ZL4NR ZL4OL ZL4SA ZL4TH

- 3D2AG VK2EVB VK2FAD VK2YOC VK3WE VK4RF VK7DX

Active team members

- ZL1VH ZL1UKG ZL1SWW ZL1EME ZL2BKC ZL2REES ZL3FJ ZL4DK ZL4KX ZL4TAE ZL4ASC

Operator comments

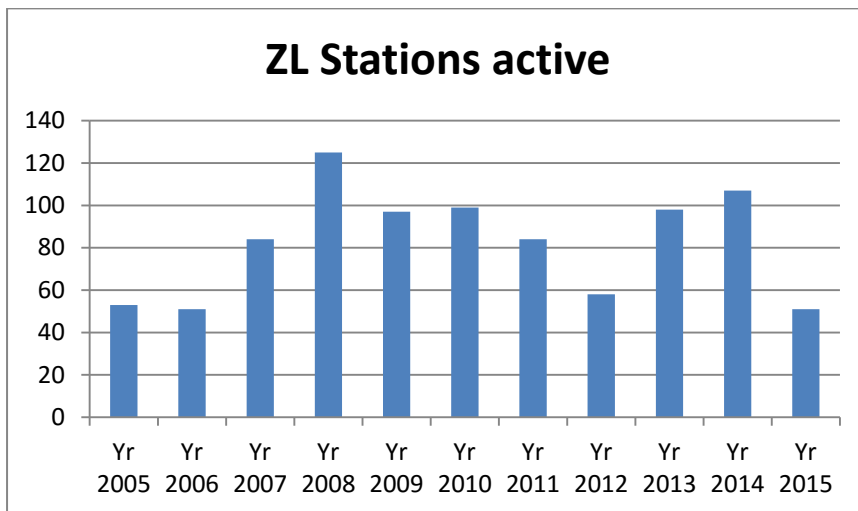
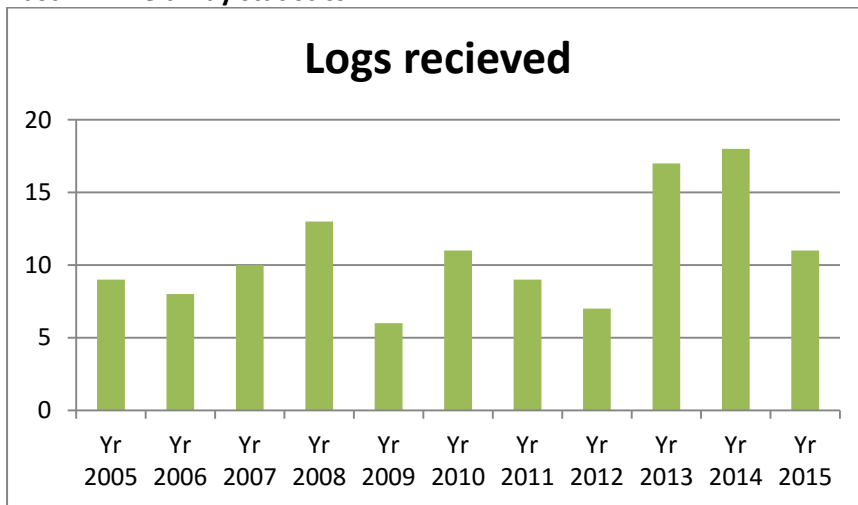
- Very pleased to work ZL2BRG on 10 GHz for the first time in a contest
- Conditions were well below average this year. It was a real struggle to work some of the distance stations
- Conditions seem very flat over the weekend and signals really only seemed to be favouring the high site portable stations. I wish more stations would see the benefits of using decent preamps too...
- One Field station consistently calling CQ on 50.110 and moving the answering stations to 50.150 to exchange contest numbers. That consistent CQing on 50.110 seems to be "contest activity" which is contrary to Clause 15 (and the intention of it)
- One Field station making numerous contest contacts on 50.110 for the next 2 hours so I was unable to work non-contest SI and VK stations seen on VK logger at this time.
- A pretty average contest, No DX on 6, miserable condx, 30-40 knots and horizontal freezing rain
- As always, a most enjoyable contest, despite the very poor propagation! Many thanks to the field stations who braved the wet, wind and cold! The highlights for me were the 2 m meteor scatter contact with Errol ZL2IT and also the booming SSB signal just for a few minutes of Bob ZL1RS on 6 metres. That may have been a meteor too?
- Well I had my first go on the contest using the old TS700 & it went as good as expected, but the 2 meter band didn't seem too good
- Unfortunately pointing beam south increases noise to S7, which is a recent thing, probably from Aucklanders shifting down here with a plasma, so as a result could hear Ray in the noise only, & unreadable
- ZL2TC operated from Mt Curl, West of Hunterville; Weather was rubbish, too windy to erect antennas on Saturday, Sunday cold and raining. Best DX was ZL3NW in Christchurch on 2 metres. Nothing heard from upper Nth. Is
- It was a great that I was able to work on 6 bands, but it would have been even better if there would have been more than 2 stations on 32 cm, 6 cm and 3 cm
- Conditions where the worst I've experienced for a while and all sigs where way down. It was raining from around noon on Saturday and didn't stop till around midday Sunday

Station equipment

- 23 cm Down-East Microwave transverter board and xtal multiplier, with a 20W Mitsubishi PA block and a Down-East PHEMT pre-amp
- 6M FT920 to 2 x 4-400As 8 element HB yagi at 13 m
- 2M IC746Pro @100w to 12 x 12el crossed yagi at 8 m
- 70 cm FT847 @ 50w to 20 x 20 crossed yagi at 8m
- Equipment: Elecraft K3 - Diamond X50 Omnidirectional. Power: 5W
- 23 cm 150 watts, 45 element loop yagi, on 2 metres 16 element yagi
- 925 MHz, home brew transverter 3 watts 11 element
- 1296 MHz, HB TRV, 130 watts 27 element Yagi
- 3400 MHz, converted ex DXR100 boards, 3 watt
- 10 GHz, converted DXR710 5 watt
- 24 GHz (24048 MHz) Kuhne LO, Milliwave 500 m/w PA, 300 m/W PA used as preamp - Wellington VHF group waveguide relays
- 6 m, TS60, 100 watt, 3 elements yagi

- ICOM 910 11 element Yagi on 2 metres
- 432, TS811A, 25 watt, to TE systems 4412G linear into 4*10 element horizontal
- 2 metres, FT-847 to 7 element LFA yagi
- 70 cm, Icom IC-290 to 70 cm Transverter 50 W and 10 element yagi
- 23 cm HB transceiver + 3.3 metre dish (and used dual dipole feed after dish blew down)
- 6 cm HB TRV + Horn antennas 5 watts
- Homebrew 6 cm TRV with 20 m/W output
- 70 cm IC402 + PA 20 W 13 element Flexa Yagi
- 32 cm 1m dish with Multiband feed for 925, 1296, 5760 and 10368 MHz
- 2 m Yaesu 847 to HB LDMOS amp 1 kW 9 element G4CQM at 5 meters

Past VHF Field Day statistics



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

Stephen Hayman - ZL1TPH (20 December 2015)



Top Left - ZL2ACG portable above Taihapa — Top right - ZL1BQ field day tent North Auckland

Middle left - ZL1ACG 2 and 70 cm yagi's — Middle right - ZL1BQ 2 m yagi

Bottom left - ZL2TC field day prepared — Bottom right - ZL1GSG microwave portable Scenic drive Waiaatarua



Top left - Roger ZL3RC shack in 6.2 m Motorhome

Top right - ZL1RC parked up in Westport

Middle - Greg ZL1GSG 1 metre dish with multi-band feed horn



Above - ZL1GSG VHF and microwave radios

Roger ZL3RC CQ contest - picture taken by Dave ZL3FJ