



Recommended calling QRGs: 7.028, 10.118/10.128/10.133, 14.058, 18.085, 21.058/21.138, 24.908, 28.058/28.158

FEA Net: 7.026 MHz 2300UTC on Saturdays, 14.054 MHz 0800UTC on Sundays

FEA Crossing: 7.025 to 7.030 MHz, from 2330UTC on Fridays

FEA-100 Award: http://www.feacw.net/qrv/FEA-100_Award.htm

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FISTS members can receive the morsEAsia via e-mail. Please email the web admin with your FISTS#.

Treasurer, Contest & Award Manager: Sugi JK7UST,

<http://www.feacw.net/> or <http://www.fists-ea.org/> (Secondary)

NEW MEMBERS

We're very pleased to welcome our latest members: Wang, BA7JMO #22448 and Maruf, S21FIA #22449.

RECENT ACTIVITIES - REED, BV4QO, #15130

Since it is not practical for me to get to the roof, I have set up my antenna, which is essentially a vertical dipole with shortened elements, along the house. Making the antenna resonate with the surrounding objects is my concept. Even though it reduces efficiency, my station is still functional.

The primary issue is that the spatial electrical conditions of the upper and lower segments of a vertical dipole are different. They have different electrical length at the same physical length, which make it difficult to trim. And I can't figure out a way to trim a single-sided element.

I am very grateful for Nao san's reminder! In a restricted space, shortened segments can more easily achieve similar electrical lengths. I ought to check out and move to the band 28 MHz.

TWO-WAY PLAYER - SUGI, JK7UST, #7178

Congratulations on the publication of the 100th issue of morsEAsia. This time I'd like to share with you my recent situation. In April, I stopped being a full-time employee and became a part-time employee working two days a week. I work on Wednesdays and Thursdays. On Tuesdays and Fridays, I am studying at university again, which was my dream. When I was a student, I studied to become an elementary school teacher. My interest now is not in education, but in law. I am studying administrative law and corporate law at university. It is refreshing to study with young people. Of course, I also have more time to enjoy ham radio. I am having a lot of fun now.



MY NEIGHBOUR MOVED OUT... (AND ... I WILL NOT MISS THEM !!!) GEORGE, 7J1ATG/VK4BGR/GW3YTC AND JS2PNZ, #15076

Hello - my name is George - I was born in Ireland - I have lived in various countries before settling in Japan in the early 90's and I hold the callsigns 7J1ATG / VK4BGR / GW3YTC and recently a fixed station callsign JS2PNZ. The heading line of this short story may come across as me being a very rude person? Of course - the neighbours were very nice people - so please read on to understand why I will not miss them.

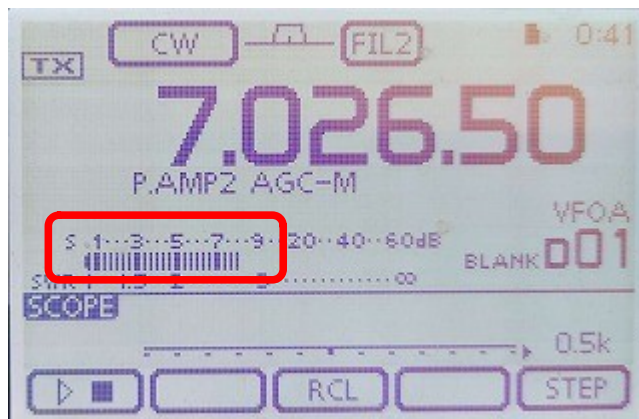
When in Yokohama my family and I live in a 3rd floor apartment of a 10 story building with a smallish balcony facing south. Not exactly the best situation for a ham radio freak? I have lived in this aparto for a few years now and have suffered from an S8 to S9 24/7 QRN on all HF bands up to and including 14 MHz - which pretty well prevented me from doing any, or much, HF ham radio at all from my Yokohama QTH.

Luckily - I at least have my remote station installed at a location in the Izu mountains so I can use that remote station to enjoy my hobby from Yokohama and I have done that for some years now. However - I thought it would be nice if I could also use my simple set up at my Yokohama QTH - even for local QSOs - but the 24/7 QRN that has existed for all the time I have lived at my Yokohama QTH has prevented me from doing much HF radio from that QTH. Additionally - having only a smallish balcony also added to my troubles at Yokohama as the possible antennae choice was very limited. I had bought a UHV-10 multiband vertical and tried a few other types of mobile antenna that all seemed to do a great job of capturing all the local QRN noise. :-)

Whilst working on my PC - when at Yokohama I would often (in the hope of being able to hear some local S9 ++ QSOs) switch on my IC-7100. About two weeks ago (late May 2024) early one morning - I switched on my IC-7100 and had a quick QSX on the high bands to find nothing much there but being an "ever hopeful character" I then switched to the 40 mtr band and to my surprise (actually - more like a shock really) - I saw the S meter fluttering around the zero area. My immediate thought was "Houston, we have a problem" ... but upon tuning around the 7 MHz band I could hear numerous JA stns (CW and SSB) and ranging from S2 to S9 plus. This was not a problem - it was a miracle? After checking around my aparto to see what may have been switch off or changed - I could not find any reason that would explain the dramatic drop in the local QRN level ... then (in a light bulb moment) I recalled that our neighbours in the adjoining aparto had moved out the day before?

So far ... my neighbours moving out - and presumably taking with them some horrendously noisy (QRN-wise) item of equipment with them - is the only explanation I have for the dramatic drop in my local QRN ... and the reason I will not miss them - even they were very nice people! I hope that wherever they have relocated to is not close to a fellow radio ham. :-)

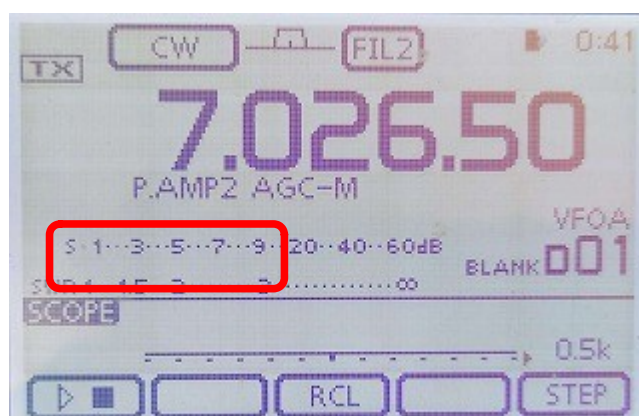
So now - (and hopefully this situation will continue) I can have reasonable results and a number of local / even DX



Usual (until recently) QRN level at my Yokohama QTH



UHV-10 multiband vertical



Unusual (recent) QRN level at my Yokohama QTH

QSOs on 7 MHz and above from my Yokohama aparto (usually using QRP and the UV-10 multiband or an alternative antenna). It is in no way as good as my Izu remote station but unlike when using my Izu remote - at Yokohama I am able to use a straight key rather than typing on a keyboard as I currently need to do when using my remote.

This PC keyboard use limitation when using my Izu remote station is currently being “worked on” and thanks to Atsu-san JE1TRV may be resolved soon and may become the subject of a future story. Take care / best 73s to all - George

VSWR OF MY ANTENNA R9 OBSERVED BY NANOVNA - TAKESHI, JA4IJJ #15084

Congratulations on the publication of the 100th issue of the FEA newsletter, morsEAsia. I would like to express my congratulations and gratitude to Nao-san (JO3HPM), the editor in chief.

I have written to morsEAsia several times about the assembly and repair of my antennas (2013/10, 2019/4, 2019/10, 2022/10). My current antenna is a non-radial multiband vertical R9 from Cushcraft (Figure 1) and I have been using it since 2013 with appropriate maintenance. The R9 is an End Fed Half Wave (EFHW) antenna, which does not require a large pseudo-ground. Although you cannot expect a large gain (3 dB according to the manual of the maker), it is an ideal antenna for my location.

Unfortunately, Cushcraft has finished producing R9 (gone out of business with MFJ, in May 2024), so I am worried about maintenance. Now I am inquiring about whether the main parts are available.

As the name suggests, the R9 is an antenna that can be used for QRV on 9 bands from 80 m to 6 m (shortened for 80 m, 40 m, 30 m, 20 m, and 17 m bands as shown in Fig.1). The R9 is very convenient because of its versatile utility including the WARC bands. It has a low vertical radiation angle of 16 degrees, so it is suitable for DX communication.

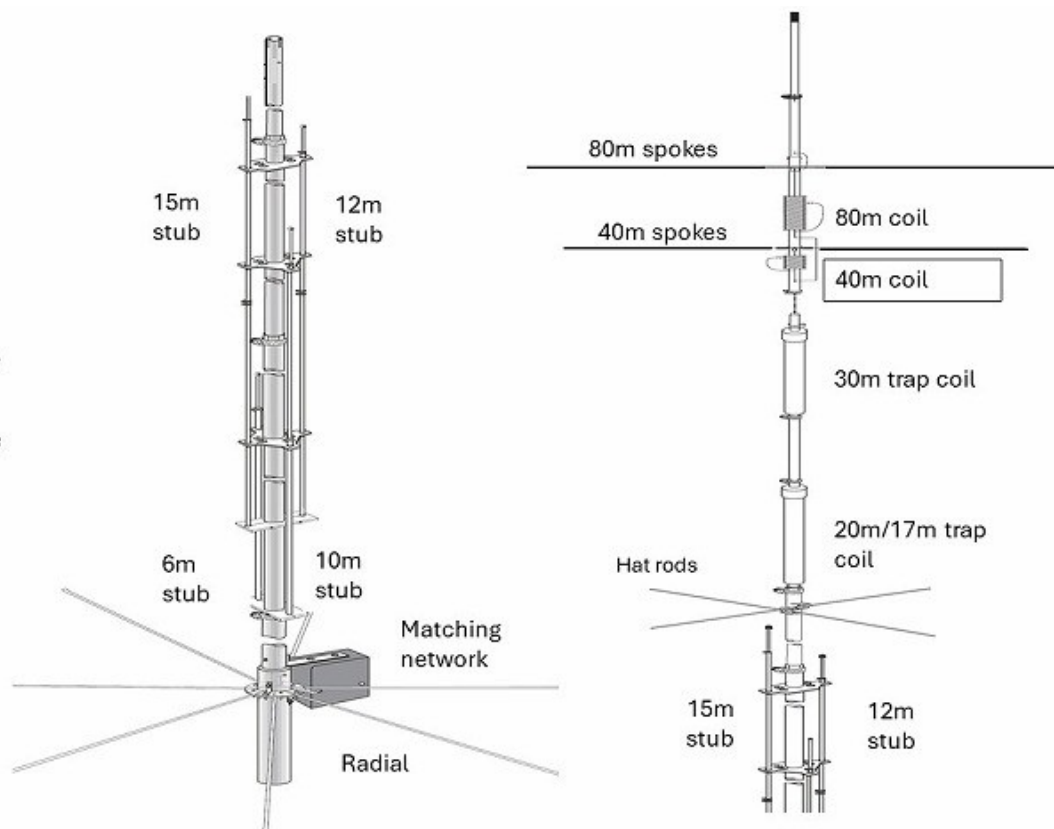


Figure 1: Schematic diagram of R9 (Original data from Cushcraft manual)

Readers may be interested in whether the R9 can be used without any operation while band QSY. Theoretically Yes, but it is not practical: Figure 2 shows the observed VSWR of my R9 by using an antenna analyzer, NanoVNA [1]. The resonance range is not very wide, particularly for the shortened bands. The minimum VSWR in all bands is less than 1.5, however, the frequencies for the minimum VSWR are not very satisfactory to cover the recommended frequencies for CW, FT8, and SSB modes. Particularly, the minimum in the 15 m band is out of the amateur band. Thus, you

definitely need an antenna tuner for practical operation. Anyway, you can QSY in a minute. Note that the resolution of the plot in Fig. 2 is not very good, about 100 kHz.

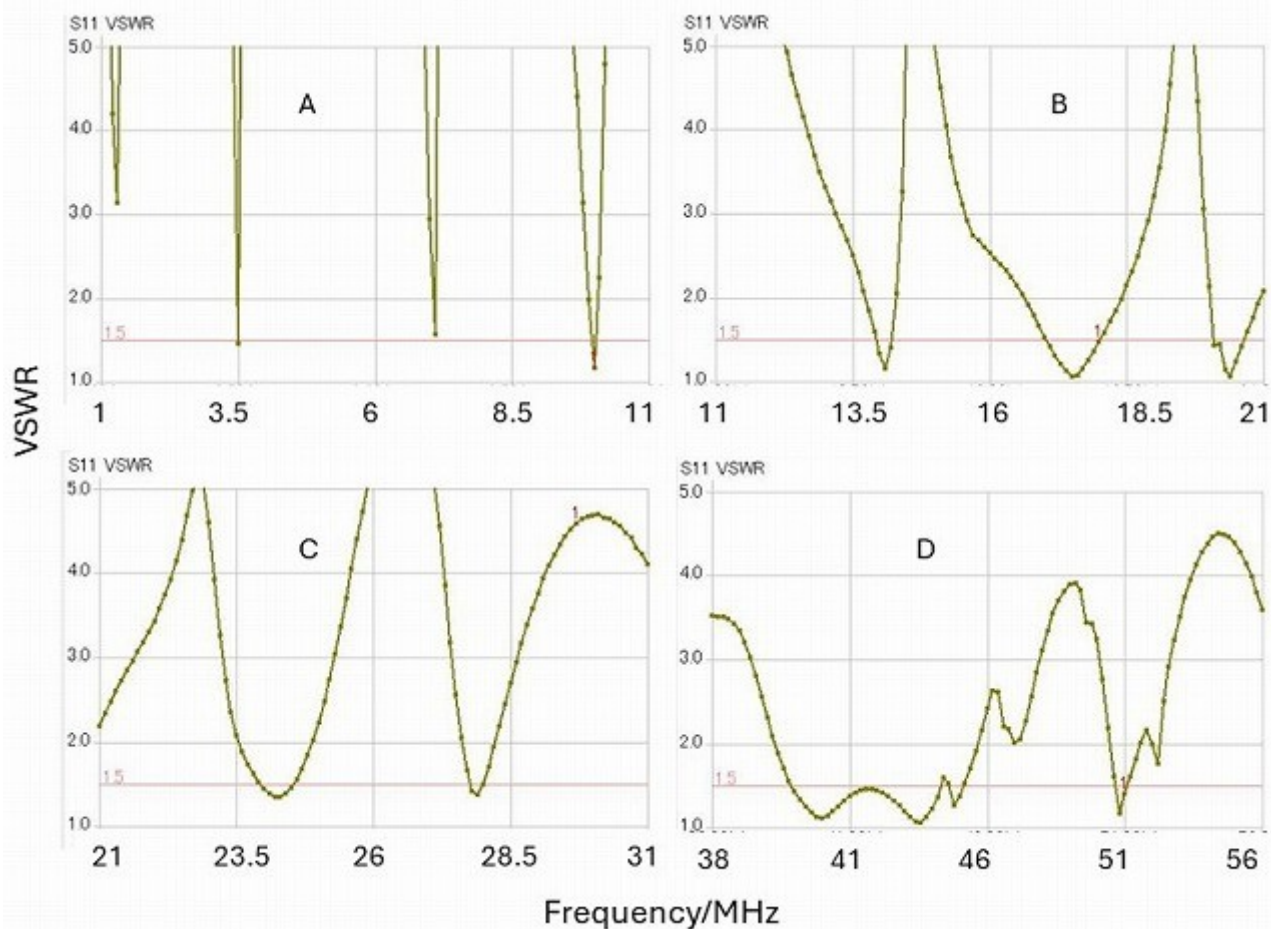


Figure 2: VSWR of my R9 observed by NanoVNA, A;1-11 MHz, B;11-21 MHz, C;21-31 MHz, D;38-56 MHz (data resolution = about 100 kHz)

What is interesting is that there is a shallow dip at 1.3 MHz, although I don't understand the cause. A few years ago, I tried to modify my R9 to QRV on 160 m (morseEAsia, 2019/7, "160M BAND ADD-ON FOR CUSHCRAFT R9"), but the modified R9 seemed to be very low efficient, so the add-on was removed in a year. Since the shallow dip at 1.3 MHz is observed in the original R9, I tuned R9 to 1.9 MHz with the antenna tuner to QRV on the top band from time to time.

Thus, there is room for adjustment of the SWR on each band. However, maintenance is getting increasingly difficult as I get older. I hope the R9 will do its best as long as I can maintain my activity. Thank you for reading. 73! Takeshi/JA4IJJ

REFERENCE

[1] NanoVNA is a handy vector net analyzer originally developed by Tomohiro Takahashi. A historical review: CQ publishing Co, RF World, pp8-25, vol. 52, 2020.

FILMING - TAK, JS1QIZ, #15150

In the April 2023 newsletter, I first wrote about my struggle making CW camp videos for YouTube. One year has passed, and filming/editing has become part of my life.

Filming myself in the camp is still tricky for me, but filming the nature surrounding my campsite is now a great pleasure. Filming light through green leaves, running streams, and sometimes wild mushrooms, together with the bird songs, are soothing experiences and do not add much time to my camp activities such as cooking, making QSOs, napping, etc. Editing these scenes with Morse conversations and background music is also a "creative" artwork like painting, which I also found enjoyable. I always thought I lacked the talent of the art, and it might be true. However, I

am at least enjoying the video-making as much as CW communications.

Please consider visiting my YouTube Channel below and leave a comment on how you feel about the video. 73
<https://www.youtube.com/channel/UCmTN9CKyDaczFVfNfbxyKMQ>



**MORSEASIA PUBLISHED 100 ISSUES OVER A PERIOD OF 20 YEARS
 NAO, JO3HPM, #15008**

The first issue of the FISTS East Asia newsletter morsEAsia was published in July 2004. Since 47th issue, we have published morsEAsia four times a year (January, April, July, and October). This time we have finally published our 100th issue. We would like to express our deepest gratitude to the authors who have contributed so enthusiastically. For questions or submissions, please send an email to jo3hpm@fists-ea.org.

The member who named morsEAsia: John, 9V1VV, #8998.
 The total number of authors who contributed morsEAsia during 20 years: 168 members.
 Top 10 authors excluding editors:

Ranking	No of contributions	Name	Call	FISTS #
1	51	Manabu	JE1RZR	15020
2	41	Sugi	JK7UST	7178
3	34	Tak	JS1QIZ	15150
4	30	Aki	JL1GEL	15147
5	27	Taro	JR0QWW	5578
6	25	Atsu	JE1TRV	7763
7	17	Masumi	JA3AVO	15029
8	16	Takeshi	JA4IJJ	15084
9	15	Man	JG0SXC	8934
10	13	George	7J1ATG	15076

The issue with the most pages: 54th , 2013/1, 18 pages, featured member’s keys.

Editors:

From	To	Name	Call	FISTS #
1 (2004/7)	2 (2004/11)	Jean	JL3SIK	9836
3 (2005/10)	17 (2007/6)	Leo	JJ8KGZ	4843
18 (2008/1)	46 (2011/1)	Harry	JL3AMK	15002
47 (2011/4)	100 (2024/7)	Nao	JO3HPM	15008

FISTS EA Newsletter "morsEAsia": <https://www.feacw.net/nl/index.htm>

Table of contents: https://www.feacw.net/nl/morsEAsia_TOC.html

morsEAsia Search: <https://www.fists-ea.org/nl/search.cgi>

Search example: the key manufacturer HI-MOUND is also written as Hi-Mound, Hi-mound, Himound in the morsEAsia. If you want to search for all of these expression, try to set Keyword to hi-?mound, check both Ignore case and Regular expression.

FEA CW NET RESULTS: NO. 1007 TO 1019 - NAO, JO3HPM, #15008

No.	Part	Date (Y/M/D)	Start Time (UTC)	End Time (UTC)	Freq (MHz)	Controller	Participants
1019	2	2024/06/30	08:00	08:35	14.054	JL3YMV	VK4BGR, JA4IIJ, JJ1FXF, VK6RR/M, JL1GEL
1019	1	2024/06/29	23:00	23:53	7.026	JA4IIJ	JS1QIZ, JE1TRV, JL1GEL, JO3HPM, JJ1FXF
1018	2	2024/06/23	08:00	08:22	14.054	JL1GEL	VK4BGR, JK7UST, VK6RR
1018	1	2024/06/22	23:00	23:47	7.026	JS1QIZ	JO3HPM, JA4IIJ, JL1GEL, JJ1FXF, JE1TRV, JE1RZR/2
1017	2	2024/06/16	08:00	08:38	14.054	JE7YTQ	VK6RR, JS2AHG, JL1GEL, JO3HPM
1017	1	2024/06/15	23:00	23:42	7.0265	JL1GEL	JE1TRV, JS1QIZ, JJ1FXF, 7J1ATG/2, JO3HPM
1016	2	2024/06/09	08:00	08:27	14.054	JL3YMV	VK4BGR, JJ1FXF, VK6RR
1016	1	2024/06/08	23:00	00:03	7.026	JA4IIJ	JL1GEL, 7J1ATG/2, JS1QIZ/1, JE1RZR, JO3HPM, JS2AHG, JJ1FXF
1015	2	2024/06/02	08:00	08:40	14.054	JE7YTQ	VK6RR, JO3HPM, JS2AHG, VK4BGR
1015	1	2024/06/01	23:00	23:38	7.026	JL1GEL	JJ1FXF, JE1TRV, 7J1ATG, JO3HPM
1014	2	2024/05/26	08:00	08:36	14.0535	JE7YTQ	JO3HPM, VK4BGR, JJ1FXF, VK6RR, JL1GEL
1014	1	2024/05/25	23:00	23:45	7.027	JS1QIZ	JO3HPM, JE1RZR, JE1TRV, 7J1ATG/2, JL1GEL, JJ1FXF, JA4IIJ
1013	2	2024/05/19	08:00	08:29	14.054	JL3YMV	JK7UST, VK4BGR, JJ1FXF
1013	1	2024/05/18	23:00	00:03	7.026	JA4IIJ	7J1ATG/2, JJ1FXF, JS1QIZ/1, JE1RZR/2, JO3HPM, JL1GEL
1012	2	2024/05/12	08:00	08:25	14.054	JL1GEL	VK4BGR, JJ1FXF, JO3HPM
1012	1	2024/05/11	23:00	23:50	7.026	JS1QIZ	JO3HPM, JL1GEL, JA4IIJ, JE1TRV/1, JJ1FXF, 7J1ATG/2
1011	2	2024/05/05	08:00	08:52	14.054	JE7YTQ	VK5GG, VK4BGR, JL1GEL, VK6RR, JJ1FXF, JO3HPM
1011	1	2024/05/04	23:00	23:41	7.026	JL3YMV	JE1TRV, JL1GEL, 7J1ATG/2, JE1RZR/2, JJ1FXF, JA4IIJ
1010	2	2024/04/28	08:00	08:29	14.048	JL1GEL	JO3HPM, JS2AHG, VK4BGR, JJ1FXF
1010	1	2024/04/27	23:00	23:55	7.008	JA4IIJ	JO3HPM, 7J1ATG/2, JE1TRV, JJ1FXF, JS1QIZ
1009	2	2024/04/21	08:00	08:30	14.054	JL3YMV	VK4BGR, VK5GG, JK7UST
1009	1	2024/04/20	23:00	00:11	7.026	JA4IIJ	JO3HPM, JS2AHG, JJ1FXF, JF3KNW, HL5JZB, JS1QIZ/1, JE1RZR/2
1008	2	2024/04/14	08:00	08:52	14.054	JE7YTQ	VK6RR, VK4BGR, VK5GG, JO3HPM, JA4IIJ, JL1GEL
1008	1	2024/04/13	23:00	23:55	7.026	JS1QIZ	JJ1FXF, JS2AHG, JL1GEL, JE1RZR/2, JO3HPM, JA4IIJ
1007	2	2024/04/07	08:00	08:38	14.054	JL3YMV	VK4BGR, VK5GG, JJ1FXF, VK6RR
1007	1	2024/04/06	23:00	23:51	7.026	JL1GEL	JK7UST, JJ0SFV, JS1QIZ, JE1TRV, JJ1FXF, JO3HPM, JA4IIJ

FINALE

It is a great pleasure for me to publish the 100th issue. I believe that each member has a story to tell. Whether you have a long story that summarize your ham radio life or even a short story about a daily pleasant QSO, both are welcome. I am always waiting for your contributions, not only from FEA but also from other chapters. I pray for a peaceful world. 73/88 and stay sober de Nao.