

On Short-wave

EXPERIENCE WITH HARMONICS

SOME MORE STATIONS

Mr. F. W. Sellens (Northland) writes:—

I have had the same experience as your correspondent, Mr. S. R. Ellis (Okato) as regards harmonics of 4YA. This station can be heard at times on several of its harmonics. Several of the Australians also can be heard. 2BL on its eighth harmonic—about 43 metres—can be heard every evening. Once I heard 5CL. RFM can always be heard on its first harmonic at good strength.

Saturday, March 31.

On Saturday morning, March 31, 5SW opened up with the striking of Big Ben, followed by a talk on music. KDKA was weak and mushy in the

6.1G, Perth, was testing, and concluded the musical portion of his test at 1.17 a.m., West Australian time. KDKA was again weak, and spoilt by morse.

2XAF was very good; organ music was heard till 3.30, after which dance music from a hotel was relayed till they closed down.

3AR was testing, his strength and modulation were quite good.

Monday, April 2.

On Monday morning 2NM (Marcuse) was just audible. Music and talk was heard, but not intelligible. 3LO, as usual, was very good from 6 a.m. 4NW, Queensland, and RFM were heard during the evening.

Tuesday, April 3.

5SW and 2XAD on Tuesday morning were just concluding a test when I tuned 5SW in at 5.45 a.m.

At 6.30 a.m. 5SW started again. After the clock striking, Mr. James Leggett gave a talk on "Comedies." After some musical items Mr. Norman gave a talk on "German."

2YG, on about 32.5 metres, was testing during the evening, and announced as being the experimental

Our Mail Bag

Auckland Criticisms.

L. Workman, Adelphi Hotel, Kaitiaki, writes.—At last I've had to give in to the impulse to express my views on the mad criticism which continues to flow from the Queen City. As far as the actual transmissions from 1YA are concerned, they are received on a 5-valve set working off an aerial with no insulators whatever and running over a metal waterpipe 12 feet before entering the set. The programmes are quite all right, to, but as we know, it's useless to try to please everybody. Somebody complains of the same artists being put on again and again, but it was not long ago that there was great outcry in Christchurch that 3YA was being used for the encouragement of budding amateurs because there were no set artists.

As far as I am concerned, the programmes are the best balanced I've ever heard. They knock the Aussies out by miles.

that it is the end of the financial year, and all radio licenses have to be renewed, I would like to tell you why I, for one, am not going to renew mine. At the start 2YA used to put on a very entertaining programme, and I was always sorry when ten o'clock came. Then they started to "educate" us to appreciate, in their opinion, better music. What have they done with "Bill Hart," the Studio Orchestra, the jazz evenings and other pleasing and popular items. We don't want gramophone items. We have our own gramophones, and one is apt to get a little tired of a gramophone. Well, sir, I could write much more in showing my disliking of the present programmes, but one thing I will say is this: When the company goes back to their old style of programme, I will rebuild my set, re-erect my aerial and willingly pay thirty shillings for what will then be great value for the money.

Identity of a Station.

John E. Banks (Wellington).—While listening in very early this morning I picked up a station which I have not logged before. I had listened to all

by a lot of talking. More music followed, and I was able to recognise the piece they were playing. It was a piece called "Over the Waves," and the time was ten minutes to 2, New Zealand time. The station was fading badly, one minute being fairly clear and the next hardly discernible. Judging by the dial reading of the stations, I should say that the station was on about 230-240 metres. If any reader has heard this station I would very much like to hear from them as to its location.

M. O. Johnstone (Hick).—In a recent edition of the New Zealand "Radio Record" a reader reports having picked up a station on 230 metres. I, too, have heard this station, but never can find out who he is. Another reader said it was KFON, but he works on 242 metres, and I am pretty certain the announcer of this station is not an American. At 7.30 p.m. last night (Tuesday), I picked him up, and he was giving a speech session. He had a slight carrier wave.

The Auckland Position.

"Pukekohe."—I observe that in the latest issue of the "Radio Record" Mr. Salt, despite the fact that his tactics have been exposed, continues on his same course of action. He still seems to be pursuing a policy of presuming to represent the Auckland listeners. I am a close follower of newspaper correspondence and reports in regard to broadcasting in New Zealand, and there is one question Mr. Salt should answer: "How does he reconcile his position when he forwarded remits to the old Advisory Board in the name of the Auckland Radio Society, when a few months later he admitted that this society had been practically defunct for two years?" He is still posturing in much the same way. I would like to know how many bona fide listeners were present when the Auckland Listeners' League was formed, and how many were present when Mr. Salt was elected secretary, and the new member, Mr. Tiaris, was appointed to the executive? In brief, by what mandate have Messrs. Jacob and Salt the right to make sweeping statements in the name of the great body of Auckland listeners? Auckland listeners, of whom I am but one, are enjoying broadcasting in this country under the control of a properly constituted national organisation.

Getting Thirty Shillings Worth.

2 M.U.C.H. (Nelson): I have been reading some very interesting letters lately in your valuable paper, referring to programmes, good and bad. Personally I am receiving my thirty shillings worth of entertainment from them, but I must confess that there are too many instrumental trios for my particular taste, and the majority of my listener friends are of the same opinion. I am not complaining about the artists themselves, as they are undoubtedly first-class musicians, but at the same time I think they are overdone. I feel almost certain that the majority of listeners would prefer to hear a few gramophone items instead of so many trios.

Now that the winter, with its cold and wet days, is drawing near, I feel sure that a Sunday afternoon concert from 2YA would be very much appreciated, say from 2 p.m. until 3.30 p.m., as the concert from 1YA only fills up a small portion of a dull afternoon.

I am pleased to see that 4YA is to broadcast the boxing contest on Saturday night. I heard the last one and must say that it was a great success. How about the other stations doing likewise?

I am not at all interested in the Broadcasting Company's balance-sheet or their method of engaging artists, as I suppose they have to get as much talent as possible for the cash available. And that is my reason for writing these lines. I want as much as possible for my money, although I am undoubtedly getting thirty shillings' worth at present.

AVERAGE CHARACTERISTICS OF RECEIVING RADIOTRONS

GENERAL										DETECTION					AMPLIFICATION									
MODEL	USE	CIRCUIT REQUIREMENTS	BASE	MAXIMUM OVERALL HEIGHT	MAXIMUM OVERALL DIAMETER	"A" SUPPLY	FILAMENT TERMINAL VOLTAGE (AMPERES)	FILAMENT CURRENT (AMPERES)	DETECTOR GRID RETURN LEAD TO	GRID LEAK (MEG OHMS)	DETECTOR "B" BATTERY VOLTAGE	DETECTOR PLATE CURRENT (MILLIAMPERES)	AMPLIFIER "A" BATTERY VOLTAGE	AMPLIFIER "B" BATTERY VOLTAGE	AMPLIFIER PLATE CURRENT (MILLIAMPERES)	A.C. PLATE RESISTANCE (OHMS)	MUTUAL INDUCTANCE (MICROHMS)	VOLTAGE AMPLIFICATION FACTOR	MAXIMUM MODULATION (PERCENT)					
RADIOTRON UX-11	Detector or Amplifier	Transformer Coupling	UX-11 Base	4 1/8"	1 1/8"	By Cell 11 V. Storage 2 V.	1.1	.25	+	3 to 5	22 1/2 to 45	1.5	90	4 1/2	2.5	15,500	425	6.6	7					
RADIOTRON UX-12	Detector or Amplifier	Transformer Coupling	UX-12 Base	4 1/8"	1 1/8"	By Cell 11 V. Storage 2 V.	1.1	.25	+	3 to 5	22 1/2 to 45	1.5	90	4 1/2	2.5	15,500	425	6.6	7					
RADIOTRON UX-12-A	Detector or Amplifier	Transformer Coupling	UX-12-A Base	4 1/8"	1 1/8"	Storage 6 V.	5.0	.25	+	3 to 5	45	1.5	90	4 1/2	2.5	15,500	425	6.6	7					
RADIOTRON UX-19	Detector or Amplifier	Transformer Coupling	UX-19 Base	3 1/2"	1 1/8"	By Cell 11 V. Storage 4 V.	3.0	.063	+	2 to 9	45	1	90	4 1/2	2.5	15,500	425	6.6	7					
RADIOTRON UX-19-A	Detector or Amplifier	Transformer Coupling	UX-19-A Base	4 1/8"	1 1/8"	By Cell 11 V. Storage 4 V.	3.0	.063	+	2 to 9	45	1	90	4 1/2	2.5	15,500	425	6.6	7					
RADIOTRON UX-20-A	Detector or Amplifier	Transformer Coupling	UX-20-A Base	4 1/8"	1 1/8"	Storage 6 V.	5.0	.25	+	2 to 9	45	1.5	90	4 1/2	2.5	15,500	425	6.6	7					
RADIOTRON UX-22	Detector or Amplifier	Transformer Coupling	UX-22 Base	4 1/8"	1 1/8"	Storage 6 V.	5.0	.25	+	2 to 9	45	1.5	90	4 1/2	2.5	15,500	425	6.6	7					
RADIOTRON UX-22-A	Detector or Amplifier	Transformer Coupling	UX-22-A Base	4 1/8"	1 1/8"	Storage 6 V.	5.0	.25	+	2 to 9	45	1.5	90	4 1/2	2.5	15,500	425	6.6	7					
RADIOTRON UX-22-B	Detector or Amplifier	Transformer Coupling	UX-22-B Base	4 1/8"	1 1/8"	Storage 6 V.	5.0	.25	+	2 to 9	45	1.5	90	4 1/2	2.5	15,500	425	6.6	7					
RADIOTRON UX-22-C	Detector or Amplifier	Transformer Coupling	UX-22-C Base	4 1/8"	1 1/8"	Storage 6 V.	5.0	.25	+	2 to 9	45	1.5	90	4 1/2	2.5	15,500	425	6.6	7					
RADIOTRON UX-22-D	Detector or Amplifier	Transformer Coupling	UX-22-D Base	4 1/8"	1 1/8"	Storage 6 V.	5.0	.25	+	2 to 9	45	1.5	90	4 1/2	2.5	15,500	425	6.6	7					
RADIOTRON UX-22-E	Detector or Amplifier	Transformer Coupling	UX-22-E Base	4 1/8"	1 1/8"	Storage 6 V.	5.0	.25	+	2 to 9	45	1.5	90	4 1/2	2.5	15,500	425	6.6	7					
RADIOTRON UX-22-F	Detector or Amplifier	Transformer Coupling	UX-22-F Base	4 1/8"	1 1/8"	Storage 6 V.	5.0	.25	+	2 to 9	45	1.5	90	4 1/2	2.5	15,500	425	6.6	7					
RADIOTRON UX-22-G	Detector or Amplifier	Transformer Coupling	UX-22-G Base	4 1/8"	1 1/8"	Storage 6 V.	5.0	.25	+	2 to 9	45	1.5	90	4 1/2	2.5	15,500	425	6.6	7					
RADIOTRON UX-22-H	Detector or Amplifier	Transformer Coupling	UX-22-H Base	4 1/8"	1 1/8"	Storage 6 V.	5.0	.25	+	2 to 9	45	1.5	90	4 1/2	2.5	15,500	425	6.6	7					
RADIOTRON UX-22-I	Detector or Amplifier	Transformer Coupling	UX-22-I Base	4 1/8"	1 1/8"	Storage 6 V.	5.0	.25	+	2 to 9	45	1.5	90	4 1/2	2.5	15,500	425	6.6	7					
RADIOTRON UX-22-J	Detector or Amplifier	Transformer Coupling	UX-22-J Base	4 1/8"	1 1/8"	Storage 6 V.	5.0	.25	+	2 to 9	45	1.5	90	4 1/2	2.5	15,500	425	6.6	7					
RADIOTRON UX-22-K	Detector or Amplifier	Transformer Coupling	UX-22-K Base	4 1/8"	1 1/8"	Storage 6 V.	5.0	.25	+	2 to 9	45	1.5	90	4 1/2	2.5	15,500	425	6.6	7					
RADIOTRON UX-22-L	Detector or Amplifier	Transformer Coupling	UX-22-L Base	4 1/8"	1 1/8"	Storage 6 V.	5.0	.25	+	2 to 9	45	1.5	90	4 1/2	2.5	15,500	425	6.6	7					
RADIOTRON UX-22-M	Detector or Amplifier	Transformer Coupling	UX-22-M Base	4 1/8"	1 1/8"	Storage 6 V.	5.0	.25	+	2 to 9	45	1.5	90	4 1/2	2.5	15,500	425	6.6	7					
RADIOTRON UX-22-N	Detector or Amplifier	Transformer Coupling	UX-22-N Base	4 1/8"	1 1/8"	Storage 6 V.	5.0	.25	+	2 to 9	45	1.5	90	4 1/2	2.5	15,500	425	6.6	7					
RADIOTRON UX-22-O	Detector or Amplifier	Transformer Coupling	UX-22-O Base	4 1/8"	1 1/8"	Storage 6 V.	5.0	.25	+	2 to 9	45	1.5	90	4 1/2	2.5	15,500	425	6.6	7					
RADIOTRON UX-22-P	Detector or Amplifier	Transformer Coupling	UX-22-P Base	4 1/8"	1 1/8"	Storage 6 V.	5.0	.25	+	2 to 9	45	1.5	90	4 1/2	2.5	15,500	425	6.6	7					
RADIOTRON UX-22-Q	Detector or Amplifier	Transformer Coupling	UX-22-Q Base	4 1/8"	1 1/8"	Storage 6 V.	5.0	.25	+	2 to 9	45	1.5	90	4 1/2	2.5	15,500	425	6.6	7					
RADIOTRON UX-22-R	Detector or Amplifier	Transformer Coupling	UX-22-R Base	4 1/8"	1 1/8"	Storage 6 V.	5.0	.25	+	2 to 9	45	1.5	90	4 1/2	2.5	15,500	425	6.6	7					
RADIOTRON UX-22-S	Detector or Amplifier	Transformer Coupling	UX-22-S Base	4 1/8"	1 1/8"	Storage 6 V.	5.0	.25	+	2 to 9	45	1.5	90	4 1/2	2.5	15,500	425	6.6	7					
RADIOTRON UX-22-T	Detector or Amplifier	Transformer Coupling	UX-22-T Base	4 1/8"	1 1/8"	Storage 6 V.	5.0	.25	+	2 to 9	45	1.5	90	4 1/2	2.5	15,500	425	6.6	7					
RADIOTRON UX-22-U	Detector or Amplifier	Transformer Coupling	UX-22-U Base	4 1/8"	1 1/8"	Storage 6 V.	5.0	.25	+	2 to 9	45	1.5	90	4 1/2	2.5	15,500	425	6.6	7					
RADIOTRON UX-22-V	Detector or Amplifier	Transformer Coupling	UX-22-V Base	4 1/8"	1 1/8"	Storage 6 V.	5.0	.25	+	2 to 9	45	1.5	90	4 1/2	2.5	15,500	425	6.6	7					
RADIOTRON UX-22-W	Detector or Amplifier	Transformer Coupling	UX-22-W Base	4 1/8"	1 1/8"	Storage 6 V.	5.0	.25	+	2 to 9	45	1.5	90	4 1/2	2.5	15,500	425	6.6	7					
RADIOTRON UX-22-X	Detector or Amplifier	Transformer Coupling	UX-22-X Base	4 1/8"	1 1/8"	Storage 6 V.	5.0	.25	+	2 to 9	45	1.5	90	4 1/2	2.5	15,500	425	6.6	7					
RADIOTRON UX-22-Y	Detector or Amplifier	Transformer Coupling	UX-22-Y Base	4 1/8"	1 1/8"	Storage 6 V.	5.0	.25	+	2 to 9	45	1.5	90	4 1/2	2.5	15,500	425	6.6	7					
RADIOTRON UX-22-Z	Detector or Amplifier	Transformer Coupling	UX-22-Z Base	4 1/8"	1 1/8"	Storage 6 V.	5.0	.25	+	2 to 9	45	1.5	90	4 1/2	2.5	15,500	425	6.6	7					
RADIOTRON UX-25	Detector or Amplifier	Transformer Coupling	UX-25 Base	4 1/8"	1 1/8"	Transformer 2.5 V.	2.5	.175	—	—	—	—	135	1 1/2	1.5	850,000	350	300	—					
RADIOTRON UX-27	Detector or Amplifier	Transformer Coupling	UX-27 Base	4 1/8"	1 1/8"	Transformer 2.5 V.	2.5	.175	—	—	—	—	135	1 1/2	1.5	850,000	350	300	—					
RADIOTRON UX-27-A	Detector or Amplifier	Transformer Coupling	UX-27-A Base	4 1/8"	1 1/8"	Storage 6 V.	5.0	.25	+	2 to 5	135	3	135	1 1/2	1.5	850,000	350	300	—					
RADIOTRON UX-27-B	Detector or Amplifier	Transformer Coupling	UX-27-B Base	4 1/8"	1 1/8"	Storage 6 V.	5.0	.25	+	2 to 5	135	3	135	1 1/2	1.5	850,000	350	300	—					
RADIOTRON UX-27-C	Detector or Amplifier	Transformer Coupling	UX-27-C Base	4 1/8"	1 1/8"	Storage 6 V.	5.0	.25	+	2 to 5	135	3	135	1 1/2	1.5	850,000	350	300	—					
RADIOTRON UX-27-D	Detector or Amplifier	Transformer Coupling	UX-27-D Base	4 1/8"	1 1/8"	Storage 6 V.	5.0	.25	+	2 to 5	135	3	135	1 1/2	1.5	850,000	350	300	—					
RADIOTRON UX-27-E	Detector or Amplifier	Transformer Coupling	UX-27-E Base	4 1/8"	1 1/8"	Storage 6 V.	5.0	.25	+	2 to 5	135	3	135	1 1/2	1.5	850,000	350	300	—					
RADIOTRON UX-27-F	Detector or Amplifier	Transformer Coupling	UX-27-F Base	4 1/8"	1 1/8"	Storage 6 V.	5.0	.25	+	2 to 5	135	3	135	1 1/2	1.5	850,000	350	300	—					
RADIOTRON UX-27-G	Detector or Amplifier	Transformer Coupling	UX-27-G Base	4 1/8"	1 1/8"	Storage 6 V.	5.0	.25	+	2 to 5	135	3	135	1 1/2	1.5	850,000	350	300	—					
RADIOTRON UX-27-H	Detector or Amplifier	Transformer Coupling	UX-27-H Base	4 1/8"	1 1/8"	Storage 6 V.	5.0	.25	+	2 to 5	135	3	135	1 1/2	1.5	850,000	350	300	—					
RADIOTRON UX-27-I	Detector or Amplifier	Transformer Coupling	UX-27-I Base	4 1/8"	1 1/8"	Storage 6 V.	5.0	.25	+	2 to 5	135	3	135	1 1/2	1.5	850,000	350	300	—					
RADIOTRON UX-27-J	Detector or Amplifier	Transformer Coupling	UX-27-J Base	4 1/8"	1 1/8"	Storage 6 V.	5.0	.25	+	2 to 5	135	3	135	1 1/2	1.5	850,000	350	300	—					
RADIOTRON UX-27-K	Detector or Amplifier	Transformer Coupling	UX-27-K Base	4 1/8"	1 1/8"	Storage 6 V.	5.0	.25	+	2 to 5	135	3	135	1 1/2	1.5	850,000	350	300	—					
RADIOTRON UX-27-L	Detector or Amplifier	Transformer Coupling	UX-27-L Base	4 1/8"	1 1/8"	Storage 6 V.	5.0	.25	+	2 to 5	135	3	135	1 1/2	1.5	850,000	350	300	—					
RADIOTRON UX-27-M	Detector or Amplifier	Transformer Coupling	UX-27-M Base	4 1/8"	1 1/8"	Storage 6 V.	5.0	.25	+	2 to 5	135	3	135	1 1/2	1.5	850,000	350	300	—					
RADIOTRON UX-27-N	Detector or Amplifier	Transformer Coupling	UX-27-N Base	4 1/8"	1 1/8"	Storage 6 V.	5.0	.25	+	2 to 5	135	3	135	1 1/2	1.5	850,000	350	300	—					
RADIOTRON UX-27-O	Detector or Amplifier	Transformer Coupling	UX-27-O Base	4 1/8"	1 1/8"	Storage 6 V.	5.0	.25	+	2 to 5	135	3	135	1 1/2	1.5	850,000	350	300	—					
RADIOTRON UX-27-P	Detector or Amplifier	Transformer Coupling	UX-27-P Base	4 1/8"	1 1/8"	Storage 6 V.	5.0	.25	+	2 to 5	135	3	135	1 1/2	1.5	850,000	350	300	—					
RADIOTRON UX-27-Q	Detector or Amplifier	Transformer Coupling	UX-27-Q Base	4 1/8"	1 1/8"	Storage 6 V.	5.0	.25	+	2 to 5	135	3	135	1 1/2	1.5	850,000	350	300	—					
RADIOTRON UX-27-R	Detector or Amplifier	Transformer Coupling	UX-27-R Base	4 1/8"	1 1/8"	Storage 6 V.	5.0	.25	+	2 to 5	135	3	135	1 1/2	1.5	850,000	350	300	—					
RADIOTRON UX-27-S	Detector or Amplifier	Transformer Coupling	UX-27-S Base	4 1/8"	1 1/8"	Storage 6 V.	5.0	.25	+	2 to 5	135	3	135	1 1/2	1.5	850,000	350	300	—					
RADIOTRON UX-27-T	Detector or Amplifier	Transformer Coupling	UX-27-T Base	4 1/8"	1 1/8"	Storage 6 V.	5.0	.25	+	2 to 5	135	3	135	1 1/2	1.5	850,000	350	300	—					
RADIOTRON UX-27-U	Detector or Amplifier	Transformer Coupling	UX-27-U Base	4 1/8"	1 1/8"	Storage 6 V.	5.0	.25	+	2 to 5	135	3	135	1 1/2	1.5	850,000	350	300	—					
RADIOTRON UX-27-V	Detector or Amplifier	Transformer Coupling	UX-27-V Base	4 1/8"	1 1/8"	Storage 6 V.	5.0	.25	+	2 to 5	135	3	135	1 1/2	1.5	850,000	350	300	—					
RADIOTRON UX-27-W	Detector or Amplifier	Transformer Coupling	UX-27-W Base	4 1/8"	1 1/8"	Storage 6 V.	5.0	.25	+	2 to 5	135	3	135	1 1/2	1.5	850,000	350	300	—					
RADIOTRON UX-27-X	Detector or Amplifier	Transformer Coupling	UX-27-X Base	4 1/8"	1 1/8"	Storage 6 V.	5.0	.25	+	2 to 5	135	3	135	1 1/2	1.5	850,000	350	300	—					
RADIOTRON UX-27-Y	Detector or Amplifier	Transformer Coupling	UX-27-Y Base	4 1/8"	1 1/8"	Storage 6 V.	5.0	.25	+	2 to 5	135	3	135	1 1/2	1.5	850,000	350	300	—					
RADIOTRON UX-27-Z	Detector or Amplifier	Transformer Coupling	UX-27-Z Base	4 1/8"	1 1/8"	Storage 6 V.	5.0	.25	+	2 to 5	135	3	135	1 1/2	1.5	850,000	350	300	—					
RADIOTRON UX-25-A	Detector or Amplifier	Transformer Coupling	UX-25-A Base	4 1/8"	1 1/8"	Transformer 2.5 V.	2.5	.175	—	—	—	—	135	1 1/2	1.5	850,000	350	300	—					
RADIOTRON UX-25-B	Detector or Amplifier	Transformer Coupling	UX-25-B Base	4 1/8"	1 1/8"	Transformer 2.5 V.	2.5	.175	—	—	—	—	135	1 1/2	1.5	850,000	350	300	—					
RADIOTRON UX-25-C	Detector or Amplifier	Transformer Coupling	UX-25-C Base	4 1/8"	1 1/8"	Transformer 2.5 V.	2.5	.175	—	—	—	—	135	1 1/2	1.5	850,000	350	300	—					
RADIOTRON UX-25-D	Detector or Amplifier	Transformer Coupling	UX-25-D Base	4 1/8"	1 1/8"	Transformer 2.5 V.	2.5	.175	—	—	—	—	135	1 1/2	1.5	850,000	350	300	—					
RADIOTRON UX-25-E	Detector or Amplifier	Transformer Coupling	UX-25-E Base	4 1/8"	1 1/8"	Transformer 2.5 V.	2.5	.175	—	—	—	—	135	1 1/2	1.5	850,000	350	300	—					
RADIOTRON UX-25-F	Detector or Amplifier	Transformer Coupling	UX-25-F Base	4 1/8"	1 1/8"	Transformer 2.5 V.	2.5	.175	—	—	—	—	135	1 1/2	1.5	850,000	350	300	—					
RADIOTRON UX-25-G	Detector or Amplifier	Transformer Coupling	UX-25-G Base	4 1/8"	1 1/8"	Transformer 2.5 V.	2.5	.175	—	—	—	—	135	1 1/2	1.5	850,000	350	300	—					
RADIOTRON UX-25-H	Detector or Amplifier	Transformer Coupling	UX-25-H Base	4 1/8"	1 1/8"	Transformer 2.5 V.																		