

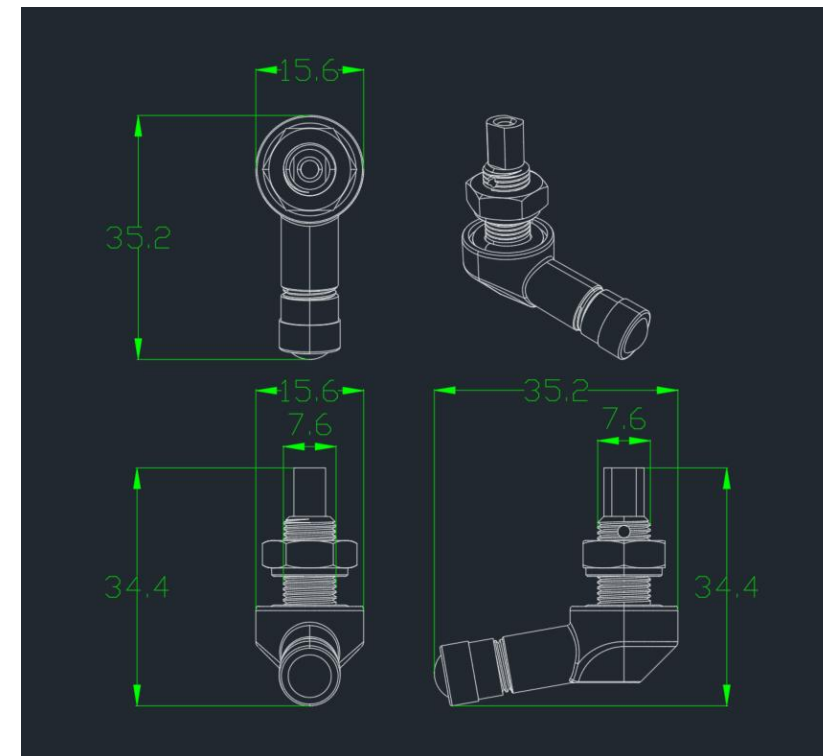
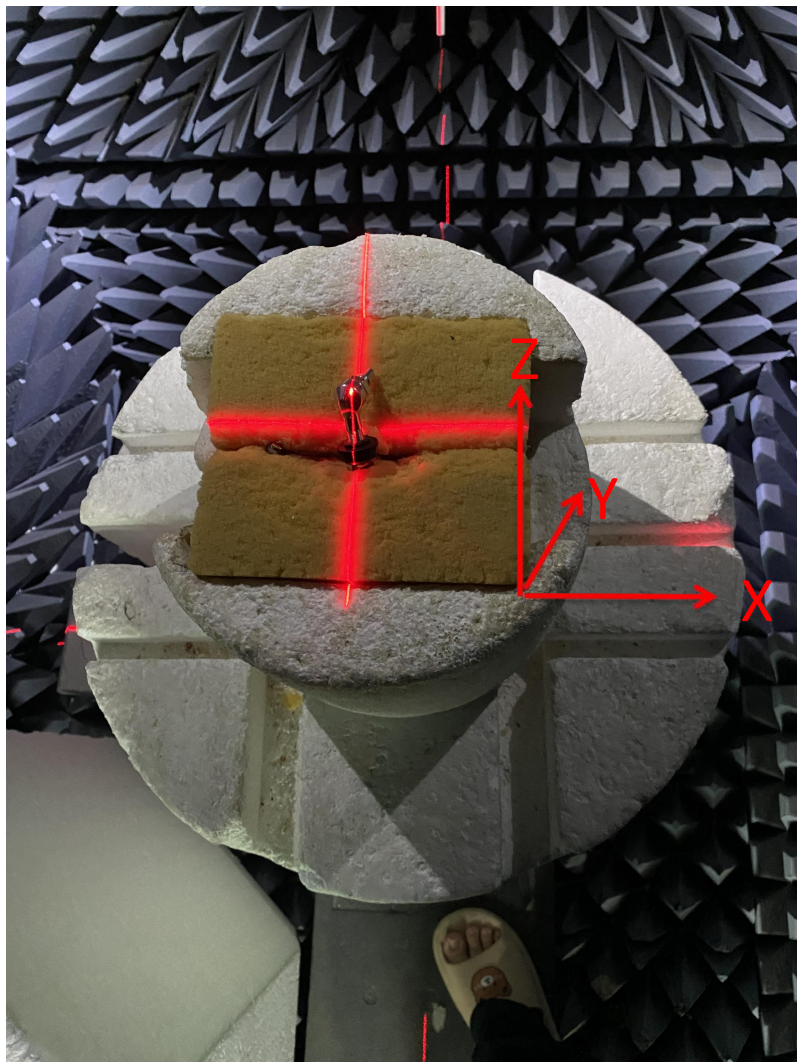
# 433 Air nozzle antenna specification

Manufacture: Ningbo Haode Auto Accessories Co., Ltd.

Address: No. 142, Mo'ao, Sanqi City Village, Sanqi City, Yuyao City, Zhejiang Province

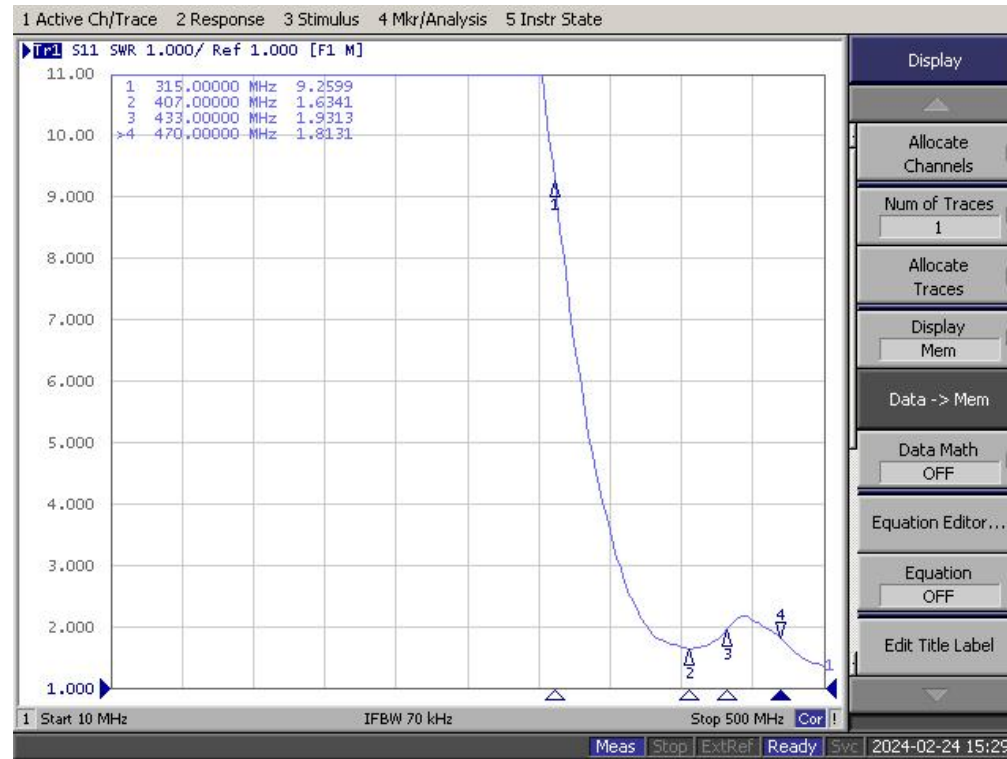
Model: N/A

# Overall machine diagram and test environment



单位: mm  
未标注公差:  $\pm 0.1\text{mm}$

# Antenna standing wave diagram





# 433 passive test data



Freq (MHz)	Gain (dBi)	Efficiency (dB)	Efficiency (%)
411	-6.018222295	-8.859808754	13.00226833
412	-6.01169317	-8.811839144	13.14667981
413	-5.919858217	-8.756263999	13.31599428
414	-5.942059627	-8.742881083	13.35709121
415	-5.955589021	-8.7102749	13.45775166
416	-5.873281659	-8.661130206	13.61090427
417	-5.89453965	-8.644853391	13.66201195
418	-5.88138578	-8.620456502	13.73897552
419	-5.835405603	-8.61939504	13.74233389
420	-5.797261603	-8.584830005	13.85214406
421	-5.777619259	-8.565246693	13.91474752
422	-5.756931307	-8.548866813	13.96732757
423	-5.79896271	-8.530145087	14.02766841
424	-5.779277921	-8.520651731	14.05836539
425	-5.777916723	-8.515879139	14.07382304
426	-5.717248573	-8.477617521	14.1983621
427	-5.703597238	-8.448284248	14.29458578
428	-5.678524573	-8.453688067	14.27681044
429	-5.70100755	-8.414839937	14.405091
430	-5.631779908	-8.382180201	14.51382826
431	-5.632427503	-8.359255485	14.59064368
432	-5.56877687	-8.337969822	14.66233094
433	-5.459929453	-8.310674676	14.754773

434	-5.452895579	-8.293272822	14.81401288
435	-5.558438617	-8.312115556	14.74987855
436	-5.45120085	-8.277017763	14.86956363
437	-5.478251478	-8.302303838	14.78323961
438	-5.454766844	-8.302044841	14.78412126
439	-5.484261192	-8.269048141	14.89687542
440	-5.499041202	-8.285712768	14.83982308
441	-5.462348582	-8.268670899	14.89816947
442	-5.437115014	-8.261693572	14.92212394
443	-5.477304293	-8.256306803	14.94064407
444	-5.42805444	-8.229763537	15.03223811
445	-5.415616876	-8.198919974	15.13937696
446	-5.348473141	-8.146206743	15.32425343
447	-5.321651113	-8.140078885	15.34589108
448	-5.286046968	-8.112669177	15.44305017
449	-5.236045978	-8.072279686	15.58734082
450	-5.231171277	-8.054169549	15.65247595
451	-5.202413255	-8.048738467	15.67206244
452	-5.134189264	-8.020337651	15.7748862
453	-5.079440568	-7.997000488	15.85988198
454	-5.152025831	-8.04957786	15.66903368
455	-5.066501769	-8.022620204	15.76659746
456	-5.083710225	-8.048842185	15.67168817
457	-5.075326295	-8.038765165	15.70809371
458	-5.096599705	-8.035427976	15.7201687
459	-5.062130253	-8.037133279	15.71399722
460	-5.011367658	-8.015074442	15.79401535



THANKS FOR YOU