

SAMPLE

検査成績表
<TEST REPORT>

品名<Model Name> (インピーダンスアナライザ<IMPEDANCE ANALYZER>)
 形名<Model Number> (IM7587-01)
 製造番号<Serial No.> (No. 160811825)
 検査年月日<Test Date> (2016/08/03 06:47:01)
 <YYYY-MM-DD>
 検査条件<Test Conditions> (26.0 °C, 60 %rh)

1. 測定精度<Measurement Accuracy>

項目 <Item>	設定値 <Setup Value>	標準器(校正値) <Standard(Calibration)>	許容範囲 <Tolerance>	*1 校正値 <Calibration Value>
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-1. 測定周波数<Measurement Frequency>

1MHz	1dBm	—	999900 Hz ~	1000100 Hz	(999994 Hz)
300MHz	1dBm	—	299970000 Hz ~	300030000 Hz	(299998537 Hz)

-2. 測定信号レベル<Measurement Signal Level>

1MHz	+1.0dBm	—	-1.00 dBm ~	3.00 dBm	(1.02 dBm)	
100MHz	+1.0dBm	—	-1.00 dBm ~	3.00 dBm	(1.00 dBm)	
	+0.7dBm	—	-1.30 dBm ~	2.70 dBm	(0.70 dBm)	
	+0.5dBm	—	-1.50 dBm ~	2.50 dBm	(0.50 dBm)	
	0.0dBm	—	-2.00 dBm ~	2.00 dBm	(0.01 dBm)	
	-13.0dBm	—	-15.00 dBm ~	-11.00 dBm	(-13.04 dBm)	
300MHz	-23.0dBm	—	-25.00 dBm ~	-21.00 dBm	(-22.84 dBm)	
	-40.0dBm	—	-42.00 dBm ~	-38.00 dBm	(-39.92 dBm)	
	+1.0dBm	—	-1.00 dBm ~	3.00 dBm	(1.01 dBm)	
	600MHz	+1.0dBm	—	-1.00 dBm ~	3.00 dBm	(1.02 dBm)
800MHz	+0.7dBm	—	-1.30 dBm ~	2.70 dBm	(0.71 dBm)	
	+0.5dBm	—	-1.50 dBm ~	2.50 dBm	(0.51 dBm)	
	0.0dBm	—	-2.00 dBm ~	2.00 dBm	(0.06 dBm)	
	-13.0dBm	—	-15.00 dBm ~	-11.00 dBm	(-12.84 dBm)	
	-23.0dBm	—	-25.00 dBm ~	-21.00 dBm	(-22.70 dBm)	
1000MHz	-40.0dBm	—	-42.00 dBm ~	-38.00 dBm	(-39.79 dBm)	
	+1.0dBm	—	-1.00 dBm ~	3.00 dBm	(1.00 dBm)	
	1800MHz	+1.0dBm	—	-1.00 dBm ~	3.00 dBm	(1.02 dBm)
	2400MHz	+1.0dBm	—	-1.00 dBm ~	3.00 dBm	(1.01 dBm)
2800MHz	+1.0dBm	—	-1.00 dBm ~	3.00 dBm	(1.01 dBm)	
3000MHz	+1.0dBm	—	-1.00 dBm ~	3.00 dBm	(1.01 dBm)	

備考<Note>

*1. FAIL判定箇所は、グレー表示としています。<FAIL decision points are highlighted in gray.>

総合判定<Overall Result> (PASS)	検査者<Inspected By> ()	承認者<Approved By> ()
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1. 測定精度<Measurement Accuracy>

項目	設定値	標準器(校正値)	許容範囲	校正値
<Item>	<Setup Value>	<Standard(Calibration)>	<Tolerance>	<Calibration Value>

*1

-3. 精度<Accuracy>

(Sample: OPEN)

SLOW2, 1dBm	100MHz	Z	2526.27 Ω (2550.00 Ω)	2362.29 Ω ~ 2737.71 Ω	(2551.25 Ω)
	300MHz	Z	842.090 Ω (850.300 Ω)	803.813 Ω ~ 896.787 Ω	(849.157 Ω)
	500MHz	Z	505.254 Ω (509.400 Ω)	478.247 Ω ~ 540.553 Ω	(508.445 Ω)
	600MHz	Z	421.045 Ω (424.300 Ω)	398.550 Ω ~ 450.050 Ω	(423.070 Ω)
	1000MHz	Z	252.627 Ω (252.700 Ω)	238.472 Ω ~ 266.928 Ω	(251.581 Ω)
	1300MHz	Z	194.328 Ω (192.600 Ω)	181.489 Ω ~ 203.711 Ω	(191.711 Ω)
	1800MHz	Z	140.348 Ω (136.100 Ω)	126.016 Ω ~ 146.184 Ω	(135.567 Ω)
	2000MHz	Z	126.313 Ω (121.100 Ω)	108.150 Ω ~ 134.050 Ω	(120.702 Ω)
	2200MHz	Z	114.830 Ω (108.700 Ω)	97.0836 Ω ~ 120.316 Ω	(108.375 Ω)
	2400MHz	Z	105.261 Ω (98.2000 Ω)	87.6695 Ω ~ 108.730 Ω	(98.0721 Ω)
	2600MHz	Z	97.1642 Ω (89.3000 Ω)	79.6505 Ω ~ 98.9495 Ω	(89.3014 Ω)
	2800MHz	Z	90.2239 Ω (81.4000 Ω)	72.5097 Ω ~ 90.2903 Ω	(81.6486 Ω)
3000MHz	Z	84.2090 Ω (74.6000 Ω)	66.3328 Ω ~ 82.8672 Ω	(74.9055 Ω)	

(Sample: LOAD(50Ω))

SLOW2, 1dBm	100MHz	Z	50.0000 Ω (50.0400 Ω)	49.6284 Ω ~ 50.4516 Ω	(50.0693 Ω)
		θ	0.000 ° (0.030 °)	-0.447 ° ~ 0.507 °	(-0.007 °)
	300MHz	Z	50.0000 Ω (50.0800 Ω)	49.4468 Ω ~ 50.7132 Ω	(50.0646 Ω)
		θ	0.000 ° (0.050 °)	-0.683 ° ~ 0.783 °	(-0.015 °)
	500MHz	Z	50.0000 Ω (50.0900 Ω)	49.2112 Ω ~ 50.9688 Ω	(50.0571 Ω)
		θ	0.000 ° (0.060 °)	-0.957 ° ~ 1.077 °	(-0.025 °)
	600MHz	Z	50.0000 Ω (50.1000 Ω)	49.0322 Ω ~ 51.1678 Ω	(50.0537 Ω)
		θ	0.000 ° (0.060 °)	-1.176 ° ~ 1.296 °	(-0.026 °)
	1000MHz	Z	50.0000 Ω (50.1100 Ω)	48.6913 Ω ~ 51.5287 Ω	(50.0335 Ω)
		θ	0.000 ° (0.070 °)	-1.572 ° ~ 1.712 °	(-0.030 °)
	1300MHz	Z	50.0000 Ω (50.1200 Ω)	48.3629 Ω ~ 51.8771 Ω	(50.0181 Ω)
		θ	0.000 ° (0.060 °)	-1.973 ° ~ 2.093 °	(-0.023 °)
	1800MHz	Z	50.0000 Ω (50.1400 Ω)	47.2640 Ω ~ 53.0160 Ω	(49.9977 Ω)
		θ	0.000 ° (0.040 °)	-3.286 ° ~ 3.366 °	(0.003 °)
	2000MHz	Z	50.0000 Ω (50.1400 Ω)	45.6188 Ω ~ 54.6612 Ω	(49.9919 Ω)
		θ	0.000 ° (0.040 °)	-5.189 ° ~ 5.269 °	(0.019 °)
	2200MHz	Z	50.0000 Ω (50.1500 Ω)	45.4525 Ω ~ 54.8475 Ω	(49.9855 Ω)
		θ	0.000 ° (0.050 °)	-5.382 ° ~ 5.482 °	(0.027 °)
	2400MHz	Z	50.0000 Ω (50.1400 Ω)	45.2680 Ω ~ 55.0120 Ω	(49.9876 Ω)
		θ	0.000 ° (0.050 °)	-5.585 ° ~ 5.685 °	(0.047 °)
	2600MHz	Z	50.0000 Ω (50.1400 Ω)	45.0926 Ω ~ 55.1874 Ω	(49.9850 Ω)
		θ	0.000 ° (0.050 °)	-5.788 ° ~ 5.888 °	(0.063 °)
	2800MHz	Z	50.0000 Ω (50.1300 Ω)	44.9082 Ω ~ 55.3518 Ω	(49.9939 Ω)
		θ	0.000 ° (0.040 °)	-6.001 ° ~ 6.081 °	(0.079 °)
	3000MHz	Z	50.0000 Ω (50.1200 Ω)	44.7238 Ω ~ 55.5162 Ω	(50.0006 Ω)
		θ	0.000 ° (0.050 °)	-6.194 ° ~ 6.294 °	(0.095 °)

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 製造番号〈Serial No.〉 (No. 160811825)
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 (〈YYYY-MM-DD〉)
 検査条件〈Test Conditions〉 (26.0 °C, 60 %rh)

1. 測定精度〈Measurement Accuracy〉

項目	設定値	標準器(校正値)	許容範囲	校正値
〈Item〉	〈Setup Value〉	〈Standard(Calibration)〉	〈Tolerance〉	〈Calibration Value〉

*1

-3. 精度〈Accuracy〉

(Sample: Airline OPEN)

SLOW2, 1dBm	100MHz	Z	214.148 Ω (	214.290 Ω)	211.855 Ω ~	216.725 Ω (	214.391 Ω)
		θ	-90.000 ° (	-89.990 °)	-90.649 ° ~	-89.331 ° (	-90.007 °)
	300MHz	Z	60.8213 Ω (	60.8800 Ω)	60.1122 Ω ~	61.6478 Ω (	60.8662 Ω)
		θ	-90.000 ° (	-89.950 °)	-90.681 ° ~	-89.219 ° (	-90.018 °)
	500MHz	Z	22.5831 Ω (	22.5800 Ω)	22.0842 Ω ~	23.0758 Ω (	22.5481 Ω)
		θ	-90.000 ° (	-89.810 °)	-91.083 ° ~	-88.537 ° (	-89.842 °)
	600MHz	Z	9.88020 Ω (	9.85000 Ω)	9.40531 Ω ~	10.2946 Ω (	9.82516 Ω)
		θ	-90.000 ° (	-89.450 °)	-92.068 ° ~	-86.832 ° (	-89.443 °)
	1000MHz	Z	43.8927 Ω (	44.1000 Ω)	42.8334 Ω ~	45.3666 Ω (	44.1552 Ω)
		θ	90.000 ° (	89.540 °)	87.875 ° ~	91.205 ° (	89.498 °)
	1800MHz	Z	34.0332 Ω (	33.1900 Ω)	31.1392 Ω ~	35.2408 Ω (	33.0428 Ω)
		θ	-90.000 ° (	-89.700 °)	-93.283 ° ~	-86.117 ° (	-89.576 °)
	2000MHz	Z	7.23912 Ω (	6.36000 Ω)	4.85633 Ω ~	7.86367 Ω (	6.32630 Ω)
		θ	-90.000 ° (	-88.100 °)	-101.812 ° ~	-74.388 ° (	-88.082 °)
	2200MHz	Z	15.9688 Ω (	17.2400 Ω)	15.0331 Ω ~	19.4469 Ω (	17.2344 Ω)
		θ	90.000 ° (	89.100 °)	81.676 ° ~	96.524 ° (	89.032 °)
	2400MHz	Z	47.6269 Ω (	50.5300 Ω)	45.6213 Ω ~	55.4387 Ω (	50.4357 Ω)
		θ	90.000 ° (	89.500 °)	83.866 ° ~	95.134 ° (	89.362 °)
	2600MHz	Z	133.348 Ω (	150.530 Ω)	130.461 Ω ~	170.599 Ω (	149.399 Ω)
		θ	90.000 ° (	89.300 °)	81.567 ° ~	97.033 ° (	88.925 °)
	3000MHz	Z	83.3806 Ω (	73.6400 Ω)	65.4985 Ω ~	81.7815 Ω (	73.8734 Ω)
		θ	-90.000 ° (	-89.200 °)	-95.612 ° ~	-82.788 ° (	-89.342 °)

(Sample: Airline SHORT)

SLOW2, 1dBm	100MHz	Z	10.6354 Ω (	10.7160 Ω)	10.5745 Ω ~	10.8575 Ω (	10.7306 Ω)
		θ	90.000 ° (	89.530 °)	88.764 ° ~	90.296 ° (	89.468 °)
	300MHz	Z	36.3604 Ω (	36.5300 Ω)	36.0469 Ω ~	37.0131 Ω (	36.5355 Ω)
		θ	90.000 ° (	89.690 °)	88.923 ° ~	90.457 ° (	89.626 °)
	500MHz	Z	86.7477 Ω (	87.1200 Ω)	85.4705 Ω ~	88.7695 Ω (	87.1717 Ω)
		θ	90.000 ° (	89.660 °)	88.562 ° ~	90.758 ° (	89.538 °)
	600MHz	Z	154.341 Ω (	155.090 Ω)	150.540 Ω ~	159.640 Ω (	155.397 Ω)
		θ	90.000 ° (	89.510 °)	87.809 ° ~	91.211 ° (	89.366 °)
	1300MHz	Z	22.1486 Ω (	22.0600 Ω)	21.0121 Ω ~	23.1079 Ω (	22.0203 Ω)
		θ	-90.000 ° (	-89.600 °)	-92.355 ° ~	-86.845 ° (	-89.597 °)
	1800MHz	Z	36.5269 Ω (	36.6900 Ω)	34.4849 Ω ~	38.8951 Ω (	36.6337 Ω)
		θ	90.000 ° (	89.500 °)	86.015 ° ~	92.985 ° (	89.380 °)
	2000MHz	Z	87.1854 Ω (	87.5600 Ω)	79.1391 Ω ~	95.9809 Ω (	87.4887 Ω)
		θ	90.000 ° (	89.400 °)	83.822 ° ~	94.978 ° (	89.344 °)
	2400MHz	Z	152.081 Ω (	150.940 Ω)	131.571 Ω ~	170.309 Ω (	150.860 Ω)
		θ	-90.000 ° (	-89.200 °)	-96.642 ° ~	-81.758 ° (	-89.206 °)
	2600MHz	Z	55.1114 Ω (	54.8300 Ω)	49.3162 Ω ~	60.3438 Ω (	54.8329 Ω)
		θ	-90.000 ° (	-89.400 °)	-95.232 ° ~	-83.568 ° (	-89.535 °)
	2800MHz	Z	22.0186 Ω (	21.9000 Ω)	19.0585 Ω ~	24.7415 Ω (	21.8788 Ω)
		θ	-90.000 ° (	-89.100 °)	-96.625 ° ~	-81.575 ° (	-89.236 °)