RF EXPOSURE TEST REPORT

Applicant	Belkin International, Inc.
Address	555 S. Aviation Blvd., Suite 180, El Segundo, CA 90245, USA

Manufacturer or Supplier	Belkin International, Inc.
Address	555 S. Aviation Blvd., Suite 180, El Segundo, CA 90245, USA
Product	BoostCharge Dual Magnetic Charging Pad
Brand Name	belkin
Model	WIZ033
Additional Model & Model Difference	N/A
Date of tests	Oct. 30, 2024 ~ Nov. 22, 2024

The submitted sample of the above equipment has been tested according to the requirements of the following standard:

☒ **47 CFR PART 1, Subpart I, Section 1.1310**
☒ **KDB 680106 D01**

CONCLUSION: The submitted sample was found to COMPLY with the test requirement

Prepared by Eric Fang Project Engineer / EMC Department	Approved by Glyn He Assistant Manager/ EMC Department
	 Date: Nov. 26, 2024

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
FM2410WDG0213	Original release	Nov. 26, 2024

1. GENERAL INFORMATION

1.1. GENERAL DESCRIPTION OF EUT

FCC ID	K7SWIZ033
PRODUCT	BoostCharge Dual Magnetic Charging Pad
MODEL NO.	WIZ033
ADDITIONAL MODEL	N/A
POWER SUPPLY	DC 15V From Adapter
MODULATION TECHNOLOGY	FSK
OPERATING FREQUENCY RANGE	Charging Pad(1&2):115-205K & 360kHz
MAXIMUM POWER OUTPUT FROM EACH CHARGING COIL (2)	15W
ANTENNA TYPE	Coil Antenna*2
I/O PORTS	Refer to user's manual
CABLE SUPPLIED	See note 4

NOTES:

1. For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.
2. For the test results, the EUT had been tested with all conditions, but only the worst case was shown in test report.
3. Please refer to the EUT photo document (Reference No.: 2410WDG0213-3) for detailed product photo.
4. Product cable information as follows：

ID	Descriptions	Qty.	Length (m)	Shielding (Y/N)	Cores (Qty.)	Manufacturer	Remark
1	USB-C to USB-C cable	1	1.5	Y	0	DONGGUAN HANK ELECTRONICS., LTD	HKU1006PBB; HKU1006PWW

Remark: The cable comes in two colors: black and white.

5. Adapter information as follows：

AC ADAPTER	
MODEL NO.:	A1C045A
BRAND NAME:	Belkin
INPUT:	100-240V~ 50-60Hz 1.5A
OUTPUT:	5.0V⎓3.0A 15.0W, 9.0V⎓3.0A 27.0W, 15.0V⎓3.0A 45.0W, 20.0V⎓2.25A 45.0W
Manufacturer	CWT

2. RF EXPOSURE MEASUREMENT

2.1 LIMITS

§ 1.1310 The criteria listed in table 1 shall be used to evaluate the environmental impact of human exposure to radiofrequency(RF) radiation as specified in § 1.1307(b), except in the case of portable devices which shall be evaluated according to the provisions of § 2.1093 of this chapter.

TABLE 1—LIMITS FOR MAXIMUM PERMISSIBLE EXPOSURE (MPE)

Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm²)	Averaging time (minutes)
(A) Limits for Occupational/Controlled Exposures				
0.3–3.0	614	1.63	*(100)	6
3.0–30	1842/f	4.89/f	*(900/f²)	6
30–300	61.4	0.163	1.0	6
300–1500	.....	.....	f/300	6
1500–100,000	.....	.....	5	6
(B) Limits for General Population/Uncontrolled Exposure				
0.3–1.34	614	1.63	*(100)	30
1.34–30	824/f	2.19/f	*(180/f²)	30
30–300	27.5	0.073	0.2	30
300–1500	.....	.....	f/1500	30
1500–100,000	.....	.....	1.0	30

f = frequency in MHz
* = Plane-wave equivalent power density
NOTE 1 TO TABLE 1: Occupational/controlled limits apply in situations in which persons are exposed as a consequence of their employment provided those persons are fully aware of the potential for exposure and can exercise control over their exposure. Limits for occupational/controlled exposure also apply in situations when an individual is transient through a location where occupational/controlled limits apply provided he or she is made aware of the potential for exposure.
NOTE 2 TO TABLE 1: General population/uncontrolled exposures apply in situations in which the general public may be exposed, or in which persons that are exposed as a consequence of their employment may not be fully aware of the potential for exposure or can not exercise control over their exposure.

Reference KDB 680106 D01 RF Exposure Wireless Charging App v03
The aggregate H-field strengths at 15 cm surrounding the device and 20 cm above the top surface from all simultaneous transmitting coils are demonstrated to be less than 50% of the MPE limit.

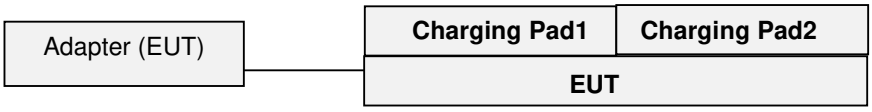
2.2 DESCRIPTION OF SUPPORT UNITS

The EUT has been tested with associated equipment below

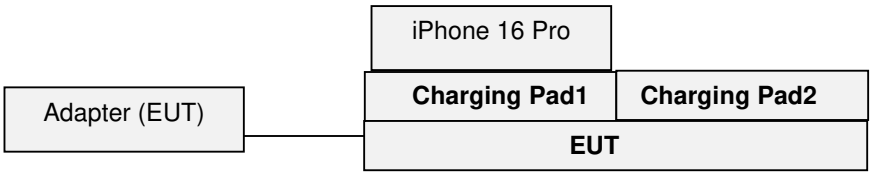
ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A	iPhone 16 Pro (1#)	Apple	A3083 (MYM93LL/A)	HY9H79YM6Y	BCG-E8666A	BV Lab.
B	iPhone 16 Pro (2#)	Apple	A3083 (MYM93LL/A)	C57JWWWYG0	BCG-E8666A	
C	AirPods Pro Charging Case	Apple	A2190	GXDGFE8W1059	N/A	
D	iPhone 11 Pro	Apple	MWDD2CH/A	F17ZMCAMN6YL	N/A	

2.3 CONFIGURATION OF SYSTEM UNDER TEST

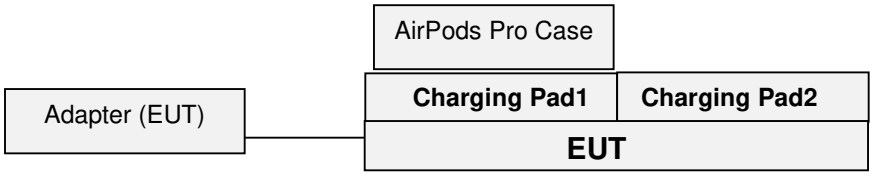
Mode A: Standby + Standby



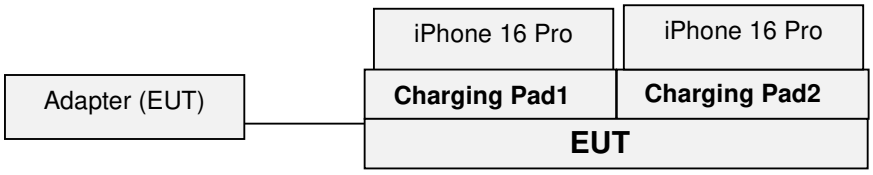
Mode B: iPhone 16 Pro+ Standby



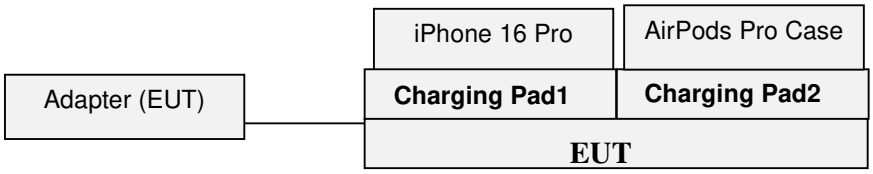
Mode C: AirPods Pro Case+ Standby



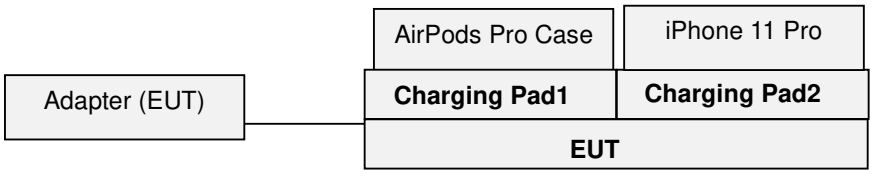
Mode D: iPhone 16 Pro+ iPhone 16 Pro



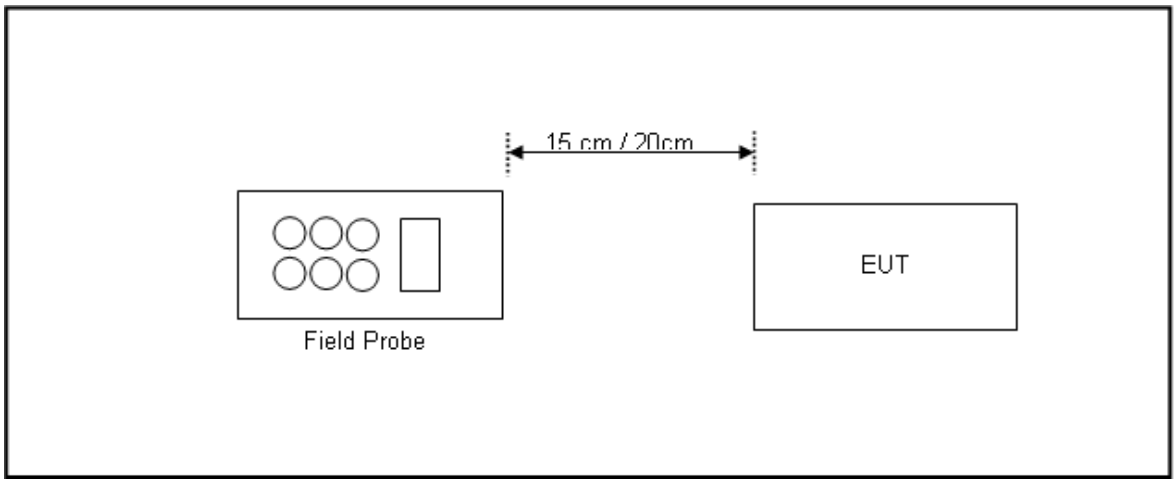
Mode E: iPhone 16 Pro+ AirPods Pro Case



Mode F: AirPods Pro Case+ iPhone 11 Pro



2.4 TEST SETUP FOR WPC



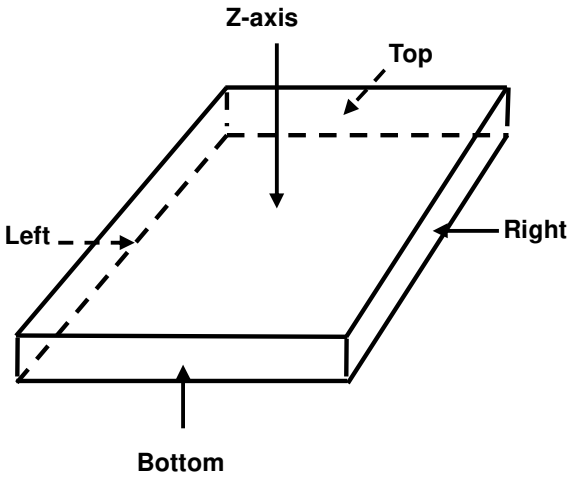
Note: Measurements should be made from all sides and the top of the primary/client pair, with the 15 cm or 20 cm measured from the center of the probe(s) to the edge of the device.

2.5 EQUIPMENTS USED DURING TEST

Equipment	Manufacturer	Model No.	Serial No.	Next Cal.
E-Field probe	Narda	NBM-520	2403/01B	Apr. 12, 25
Electric and Magnetic Field Probe-Analyzer	Narda	EHP-200A	180ZX10216	Feb. 19, 25
3mFully Anechoic Chamber	Chance Most	8m*4m*4m	D3040011DG	May 27, 25
Test Software	Narda	EHP200-TS	V1.94	N/A

NOTE: 1. The test was performed in RS chamber.
2. Equipment are calibrated by calibration laboratory accredited to ISO/IEC 17025 by a mutually recognized Accreditation and all tests are conducted within a valid calibration cycle.

2.6 TEST POINT DESCRIPTION



2.7 TEST RESULTS

Mode A:Standby+ Standby

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	0.2244	0.1637	0.214	0.1925	0.2748
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-613.7756	-613.8363	-613.786	-613.8075	-613.7252
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-306.7756	-306.8363	-306.786	-306.8075	-306.7252

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (A/m)	0.036	0.017	0.022	0.037	0.069
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.594	-1.613	-1.608	-1.593	-1.561
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.779	-0.798	-0.793	-0.778	-0.746

Mode B: iPhone 16 Pro 10% Charging +Standby

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	0.5226	0.2674	0.5244	0.4669	0.5904
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-613.4774	-613.7326	-613.4756	-613.5331	-613.4096
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-306.4774	-306.7326	-306.4756	-306.5331	-306.4096

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (A/m)	0.023	0.016	0.021	0.039	0.043
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.607	-1.614	-1.609	-1.591	-1.587
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.792	-0.799	-0.794	-0.776	-0.772

Mode B: iPhone 16 Pro 90% Charging +Standby

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	0.3905	0.2189	0.5296	0.4206	0.4808
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-613.6095	-613.7811	-613.4704	-613.5794	-613.5192
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-306.6095	-306.7811	-306.4704	-306.5794	-306.5192

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (A/m)	0.017	0.020	0.018	0.036	0.105
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.613	-1.610	-1.612	-1.594	-1.525
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.798	-0.795	-0.797	-0.779	-0.710

Mode C: AirPods Pro Case 10% Charging +Standby

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	0.2699	0.1997	0.2298	0.1597	0.3325
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-613.7301	-613.8003	-613.7702	-613.8403	-613.6675
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-306.7301	-306.8003	-306.7702	-306.8403	-306.6675

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (A/m)	0.029	0.028	0.044	0.035	0.089
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.601	-1.602	-1.586	-1.595	-1.541
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.786	-0.787	-0.771	-0.780	-0.726

Mode C: AirPods Pro Case 90% Charging +Standby

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	0.246	0.1881	0.205	0.1482	0.2266
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-613.754	-613.8119	-613.795	-613.8518	-613.7734
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-306.754	-306.8119	-306.795	-306.8518	-306.7734

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (A/m)	0.024	0.025	0.022	0.023	0.071
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.606	-1.605	-1.608	-1.607	-1.559
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.791	-0.790	-0.793	-0.792	-0.744

Mode D: iPhone 16 Pro 10% Battery Charging+ iPhone 16 Pro 10% Battery Charging

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	0.7888	0.4922	0.5933	0.4666	0.582
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-613.2112	-613.5078	-613.4067	-613.5334	-613.418
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-306.2112	-306.5078	-306.4067	-306.5334	-306.418

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (A/m)	0.029	0.018	0.021	0.022	0.021
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.601	-1.612	-1.609	-1.608	-1.609
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.786	-0.797	-0.794	-0.793	-0.794

Mode D: iPhone 16 Pro 90% Battery Charging+ iPhone 16 Pro 90% Battery Charging

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	0.427	0.3777	0.5386	0.4989	0.5467
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-613.573	-613.6223	-613.4614	-613.5011	-613.4533
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-306.573	-306.6223	-306.4614	-306.5011	-306.4533

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (A/m)	0.022	0.017	0.018	0.022	0.017
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.608	-1.613	-1.612	-1.608	-1.613
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.793	-0.798	-0.797	-0.793	-0.798

Mode E: iPhone 16 Pro 10% Battery Charging+ AirPods Pro Case 10% Battery Charging

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	0.5107	0.2144	0.5509	0.4062	0.4588
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-613.4893	-613.7856	-613.4491	-613.5938	-613.5412
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-306.4893	-306.7856	-306.4491	-306.5938	-306.5412

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (A/m)	0.022	0.039	0.038	0.044	0.068
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.608	-1.591	-1.592	-1.586	-1.562
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.793	-0.776	-0.777	-0.771	-0.747

Mode E: iPhone 16 Pro 90% Battery Charging+ AirPods Pro Case 90% Battery Charging

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	0.4004	0.2299	0.4485	0.3869	0.407
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-613.5996	-613.7701	-613.5515	-613.6131	-613.593
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-306.5996	-306.7701	-306.5515	-306.6131	-306.593

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (A/m)	0.017	0.028	0.038	0.037	0.060
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.613	-1.602	-1.592	-1.593	-1.570
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.798	-0.787	-0.777	-0.778	-0.755

Mode F: iPhone 11 Pro 10% Battery Charging+ AirPods Pro Case 10% Battery Charging

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	0.2138	0.2014	0.2177	0.2082	0.3017
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-613.7862	-613.7986	-613.7823	-613.7918	-613.6983
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-306.7862	-306.7986	-306.7823	-306.7918	-306.6983

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (A/m)	0.033	0.023	0.032	0.029	0.108
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.597	-1.607	-1.598	-1.601	-1.522
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.782	-0.792	-0.783	-0.786	-0.707

Mode F: iPhone 11 Pro 90% Battery Charging+ AirPods Pro Case 90% Battery Charging

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	0.3809	0.2357	0.3922	0.3678	0.7096
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-613.6191	-613.7643	-613.6078	-613.6322	-613.2904
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-306.6191	-306.7643	-306.6078	-306.6322	-306.2904

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (A/m)	0.024	0.038	0.044	0.030	0.074
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.606	-1.592	-1.586	-1.600	-1.556
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.791	-0.777	-0.771	-0.785	-0.741

3. PHOTOGRAPHS OF THE TEST CONFIGURATION

Please refer to the attached file (Test Setup Photo).

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