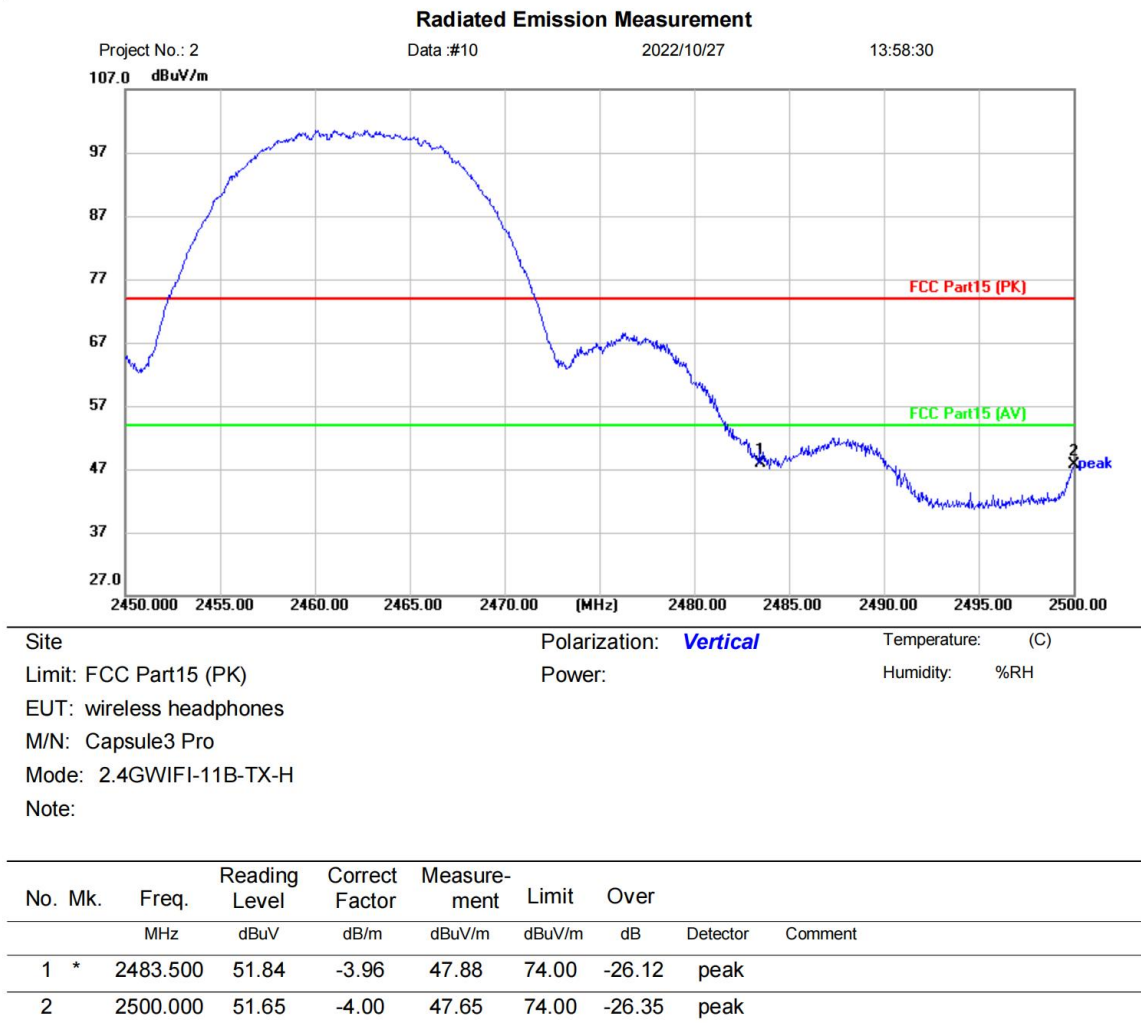
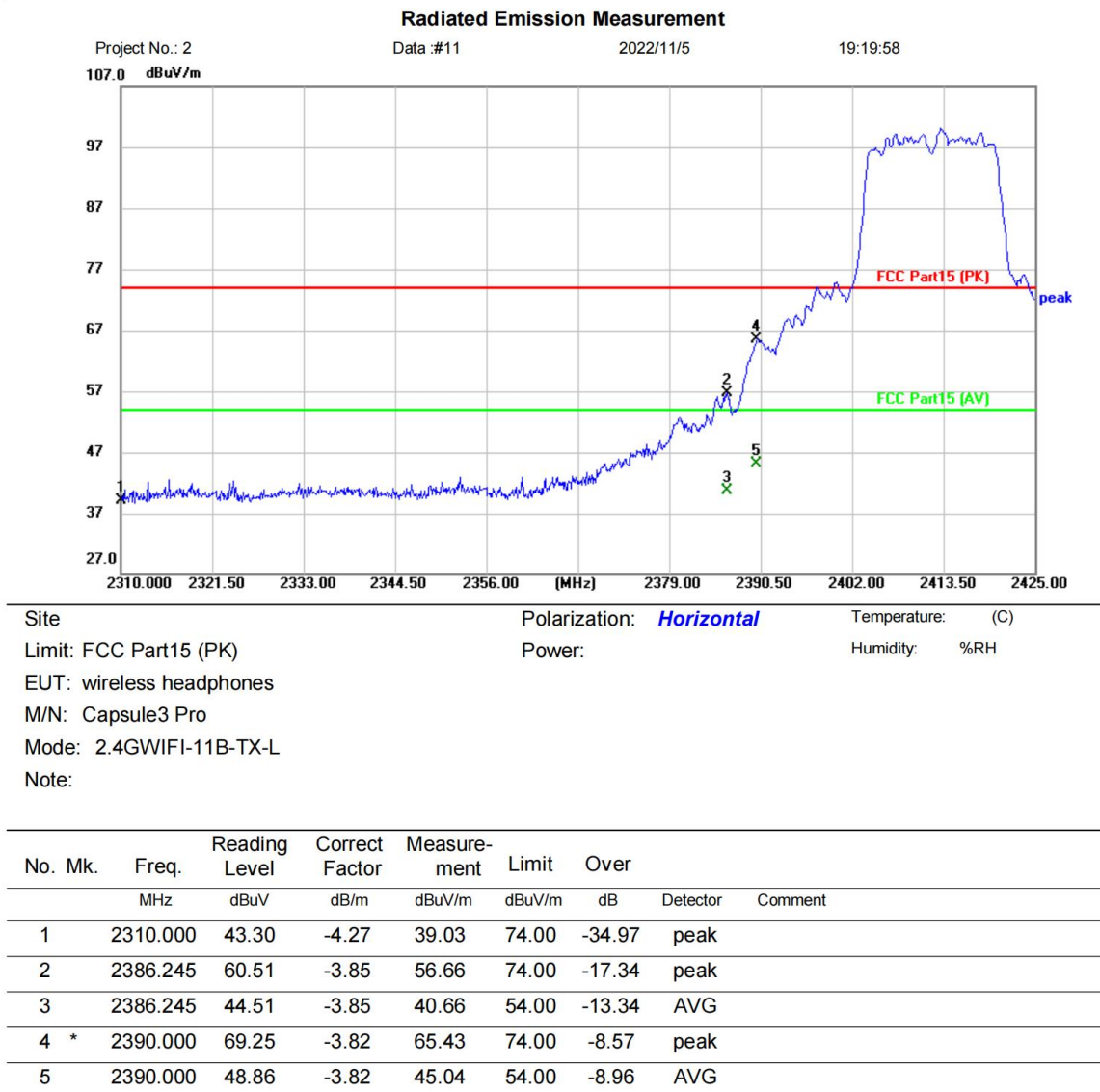


[TestMode: TX b high channel]; [Polarity: Vertical]



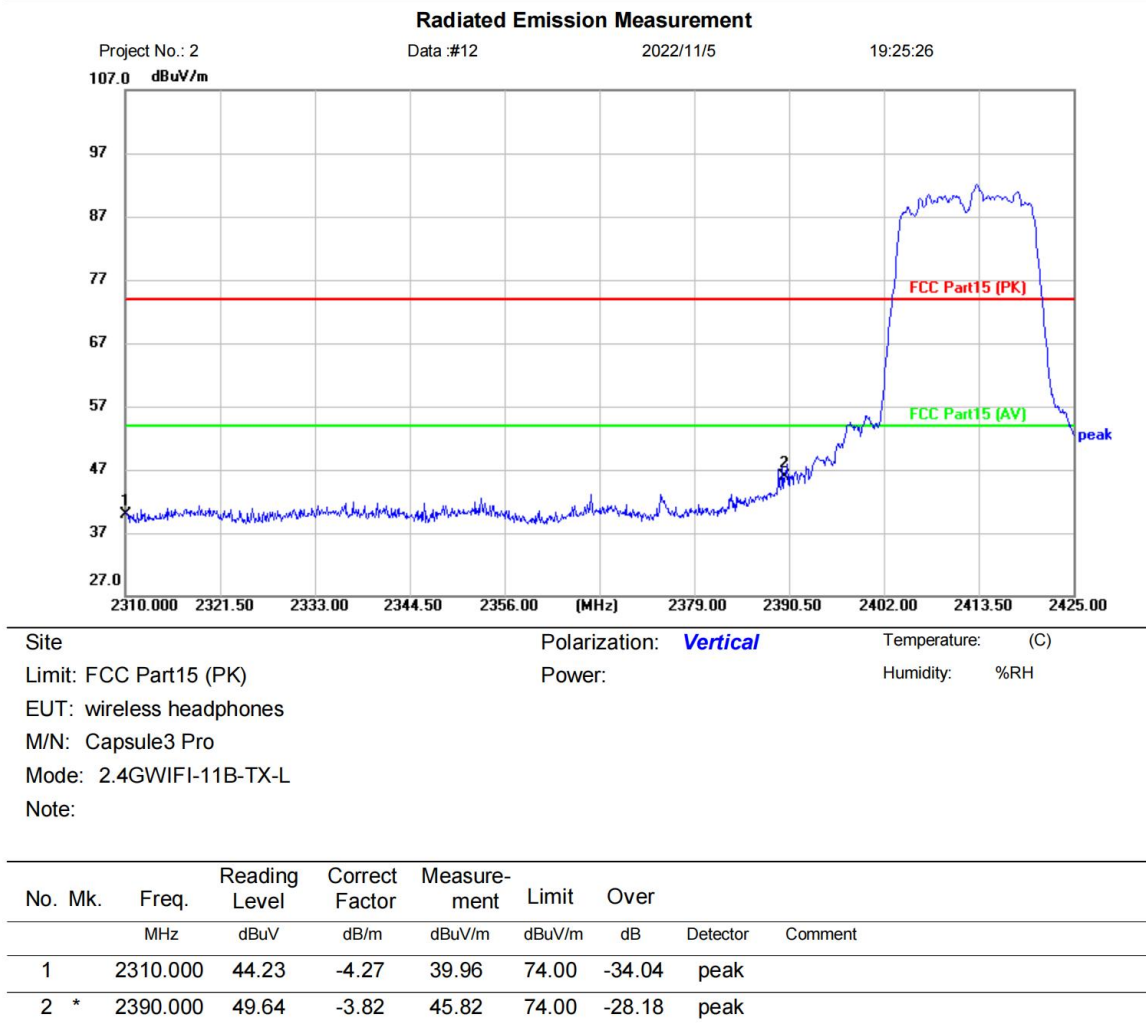
Test Result: Pass

[TestMode: TX g low channel]; [Polarity: Horizontal]



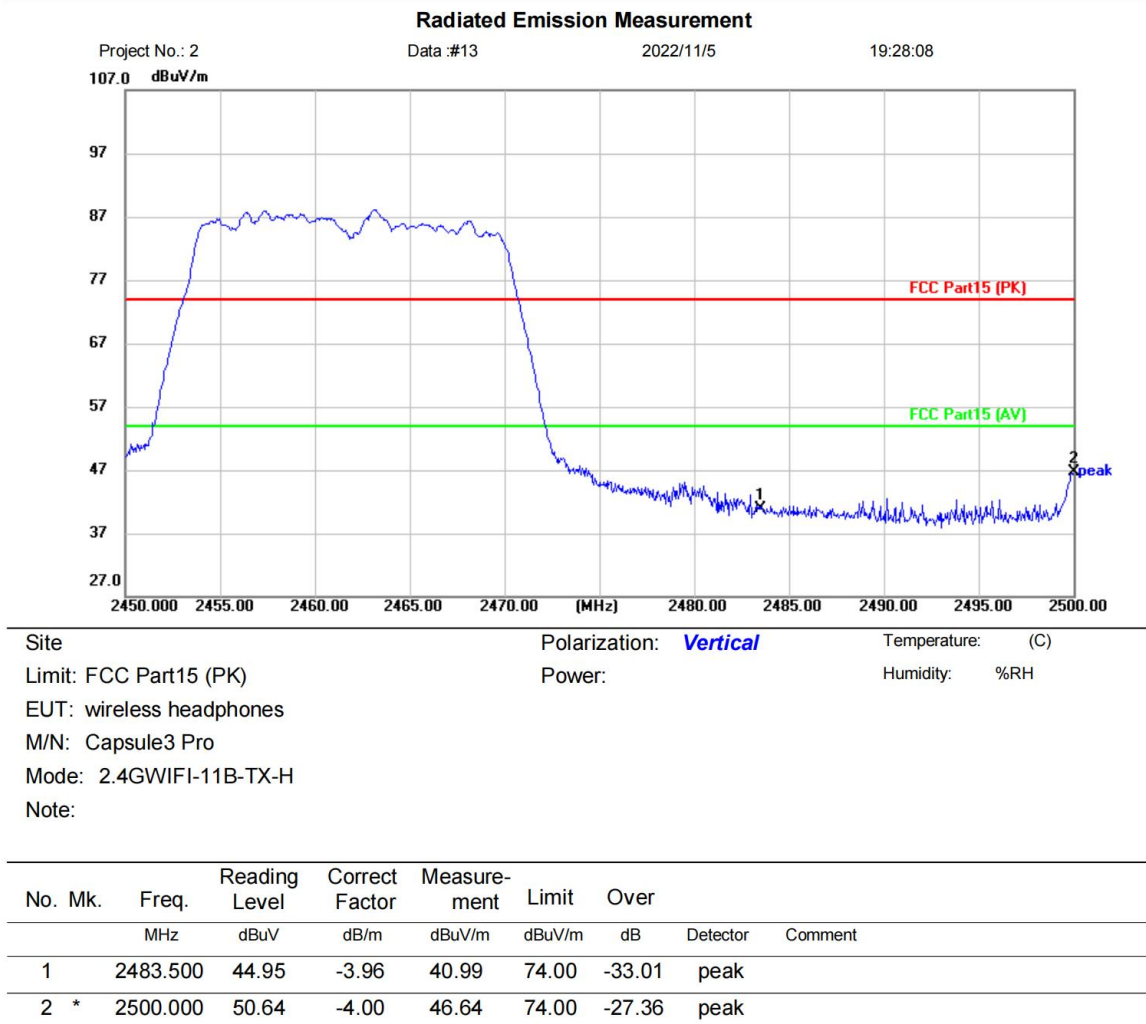
Test Result: Pass

[TestMode: TX g low channel]; [Polarity: Vertical]



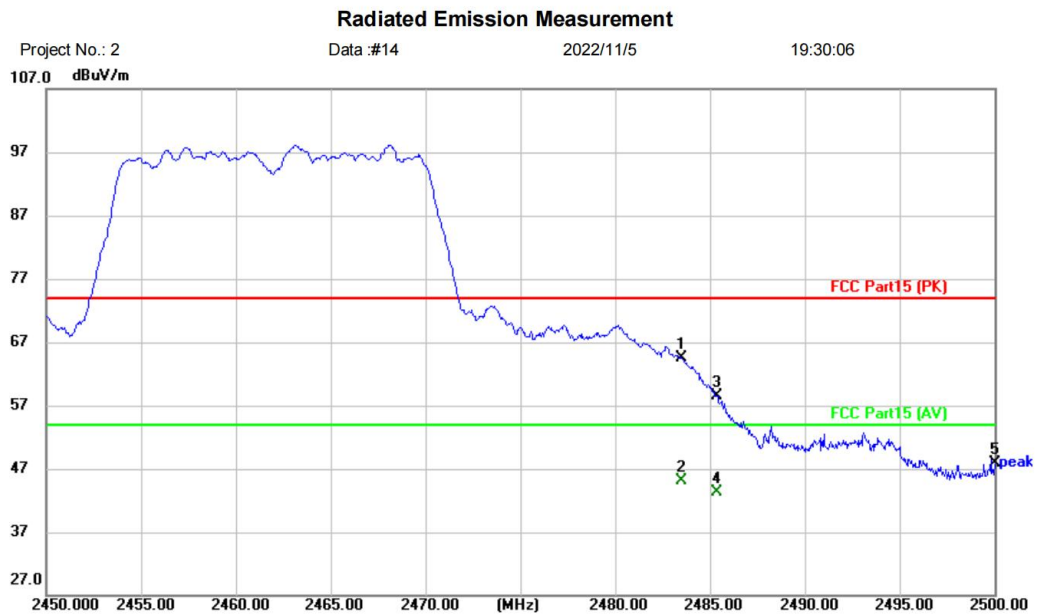
Test Result: Pass

[TestMode: TX g high channel]; [Polarity: Vertical]



Test Result: Pass

[TestMode: TX g high channel]; [Polarity: Horizontal]

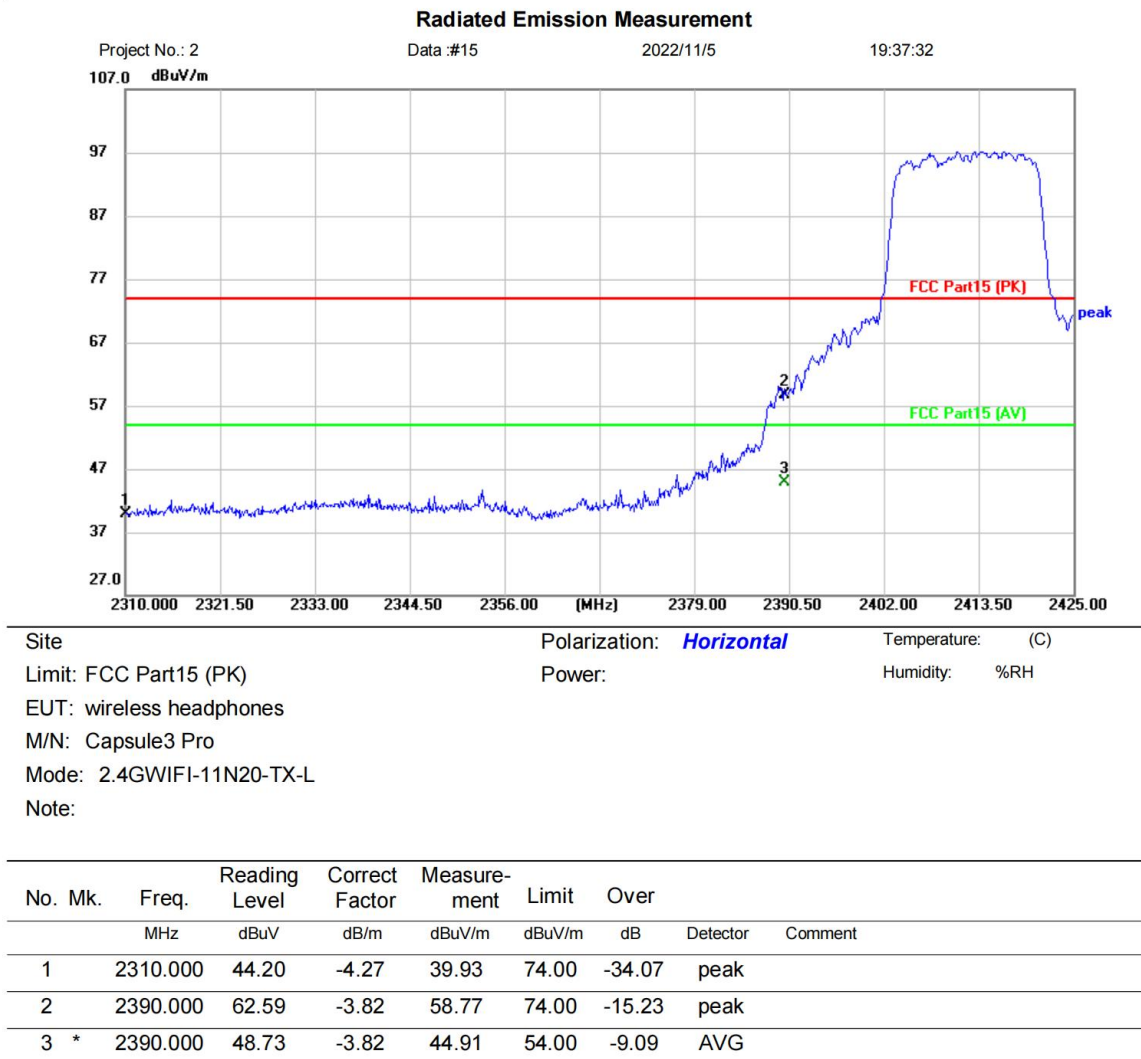


Site: Polarization: **Horizontal** Temperature: (C)
Limit: FCC Part15 (PK) Power: Humidity: %RH
EUT: wireless headphones
M/N: Capsule3 Pro
Mode: 2.4GWIFI-11B-TX-H
Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		2483.500	68.43	-3.96	64.47	74.00	-9.53	peak	
2	*	2483.500	49.08	-3.96	45.12	54.00	-8.88	AVG	
3		2485.350	62.51	-3.97	58.54	74.00	-15.46	peak	
4		2485.350	47.18	-3.97	43.21	54.00	-10.79	AVG	
5		2500.000	51.88	-4.00	47.88	74.00	-26.12	peak	

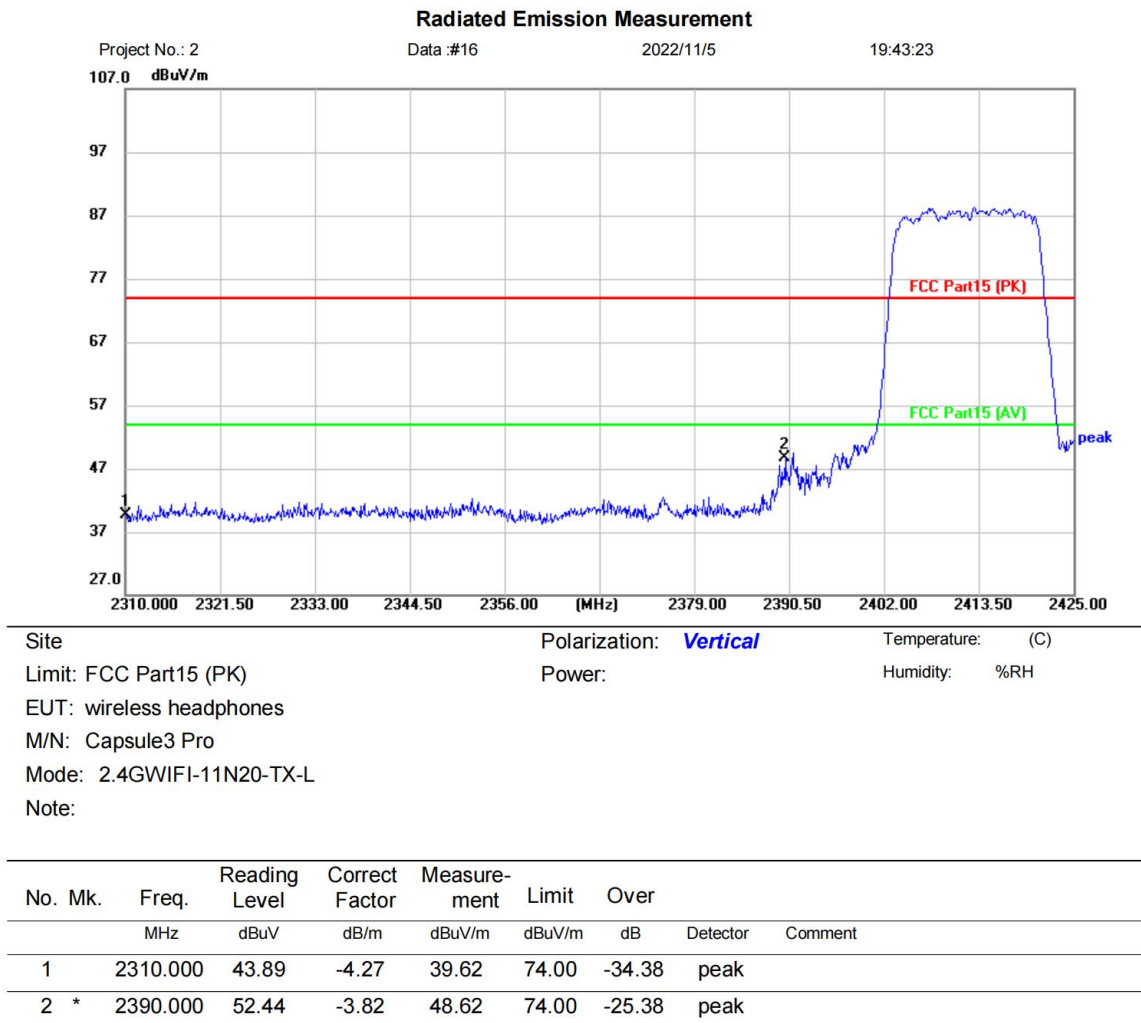
Test Result: Pass

[TestMode: TX n20 low channel]; [Polarity: Horizontal]



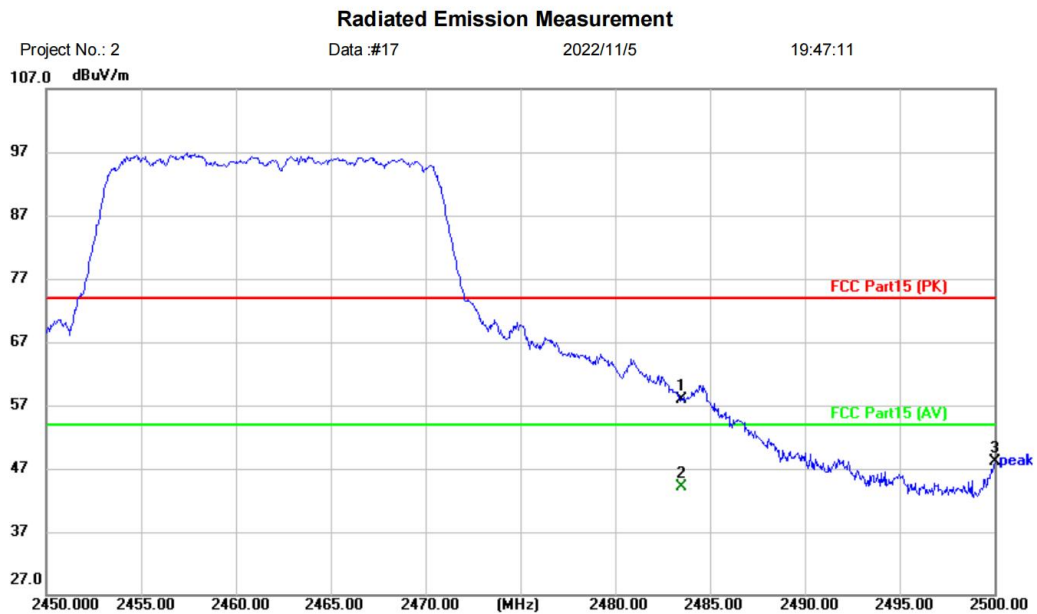
Test Result: Pass

[TestMode: TX n20 low channel]; [Polarity: Vertical]



Test Result: Pass

[TestMode: TX n20 high channel]; [Polarity: Vertical]

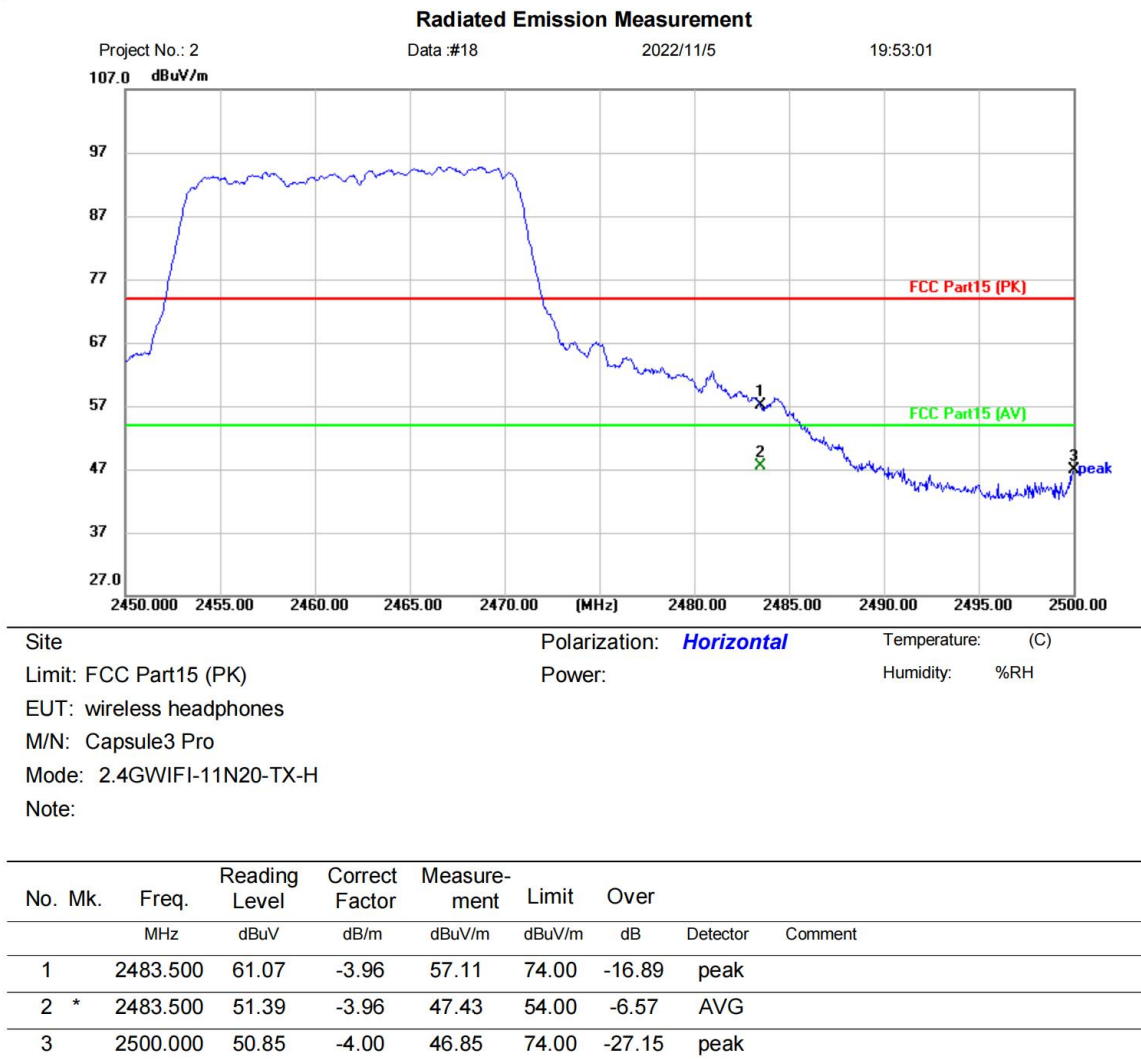


Site	Polarization: Vertical	Temperature: (C)
Limit: FCC Part15 (PK)	Power:	Humidity: %RH
EUT: wireless headphones		
M/N: Capsule3 Pro		
Mode: 2.4GWIFI-11N20-TX-H		
Note:		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		2483.500	61.82	-3.96	57.86	74.00	-16.14	peak	
2	*	2483.500	48.13	-3.96	44.17	54.00	-9.83	AVG	
3		2500.000	52.14	-4.00	48.14	74.00	-25.86	peak	

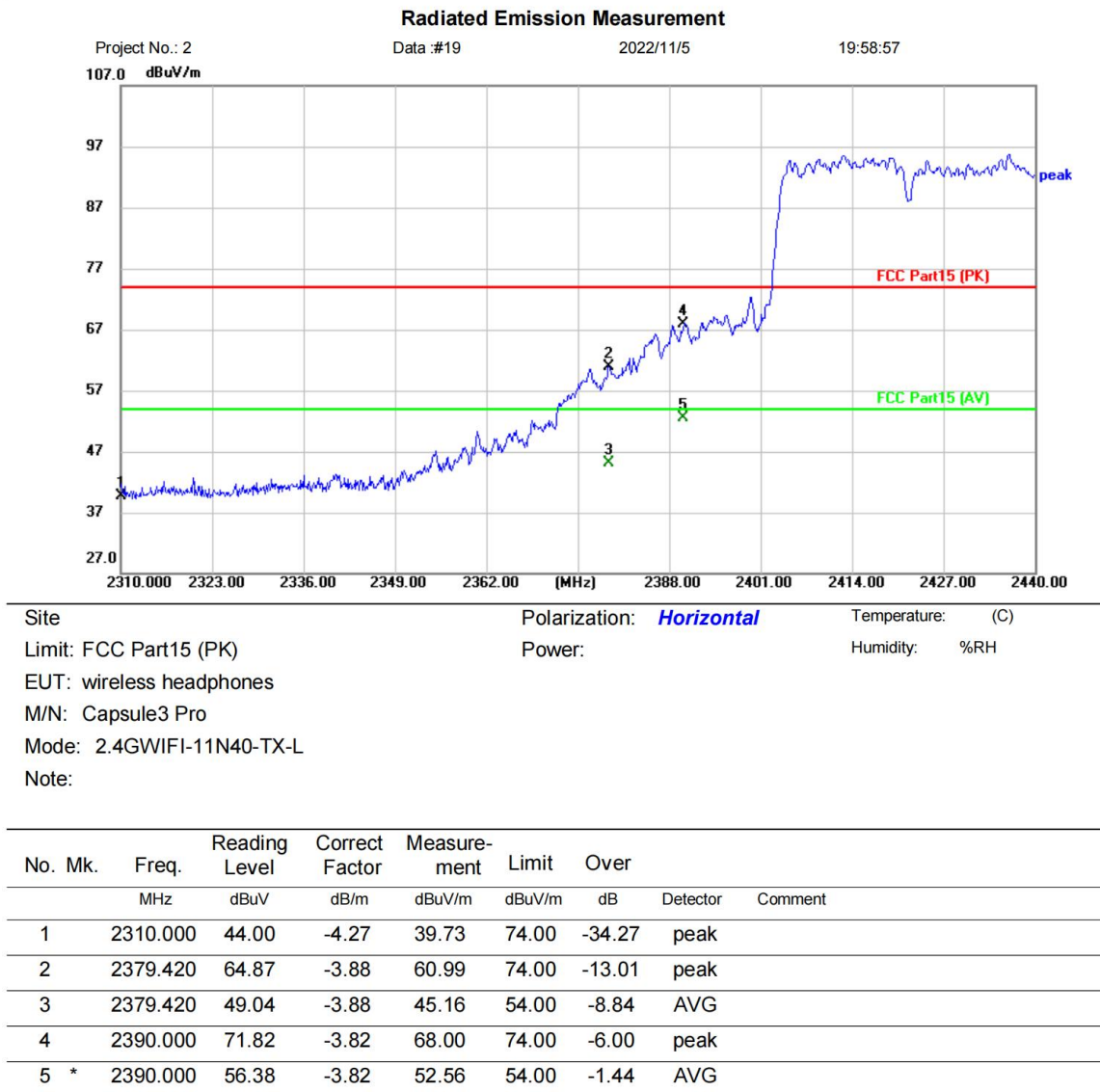
Test Result: Pass

[TestMode: TX n20 high channel]; [Polarity: Horizontal]



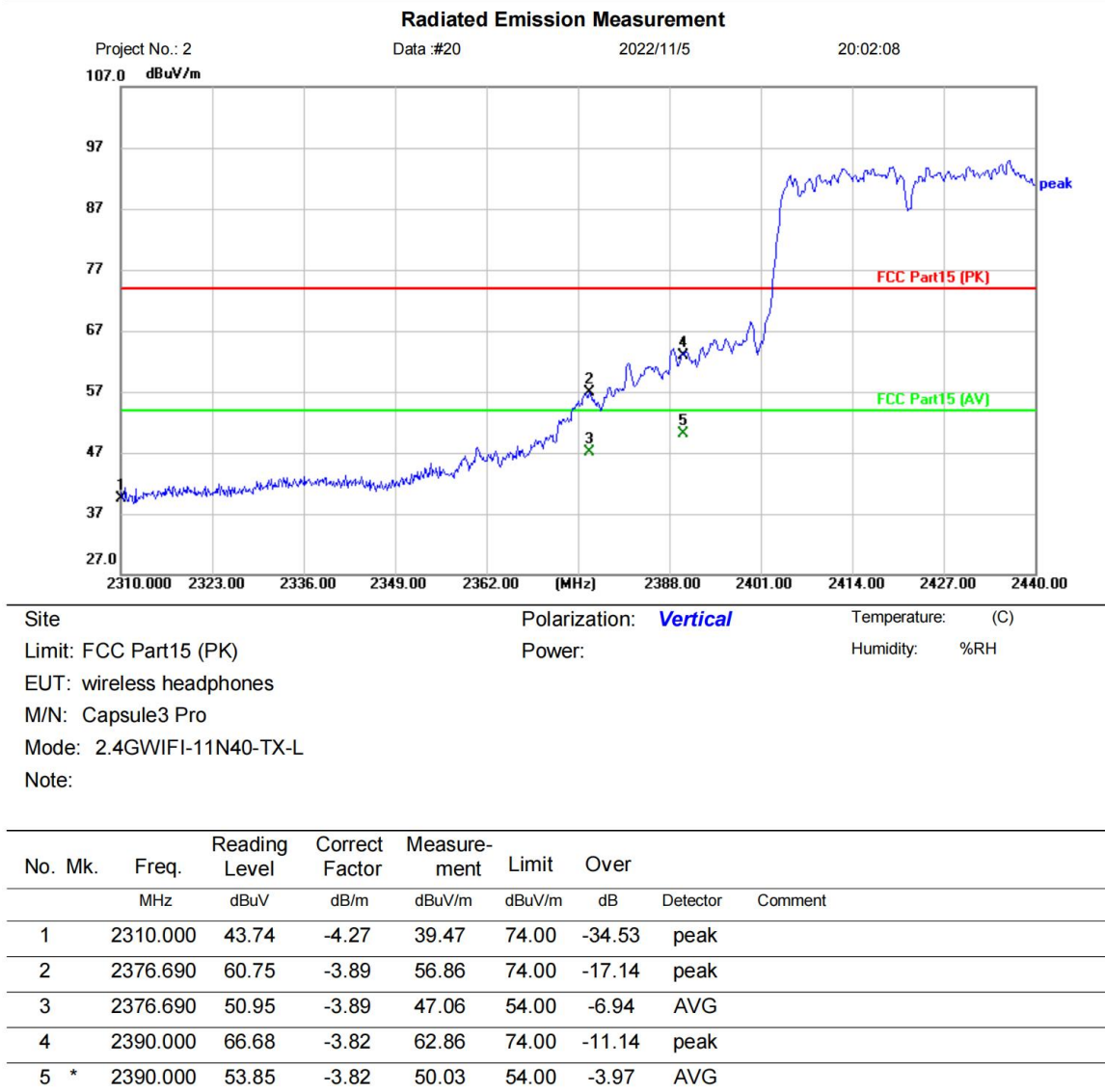
Test Result: Pass

[TestMode: TX n40 low channel]; [Polarity: Horizontal]



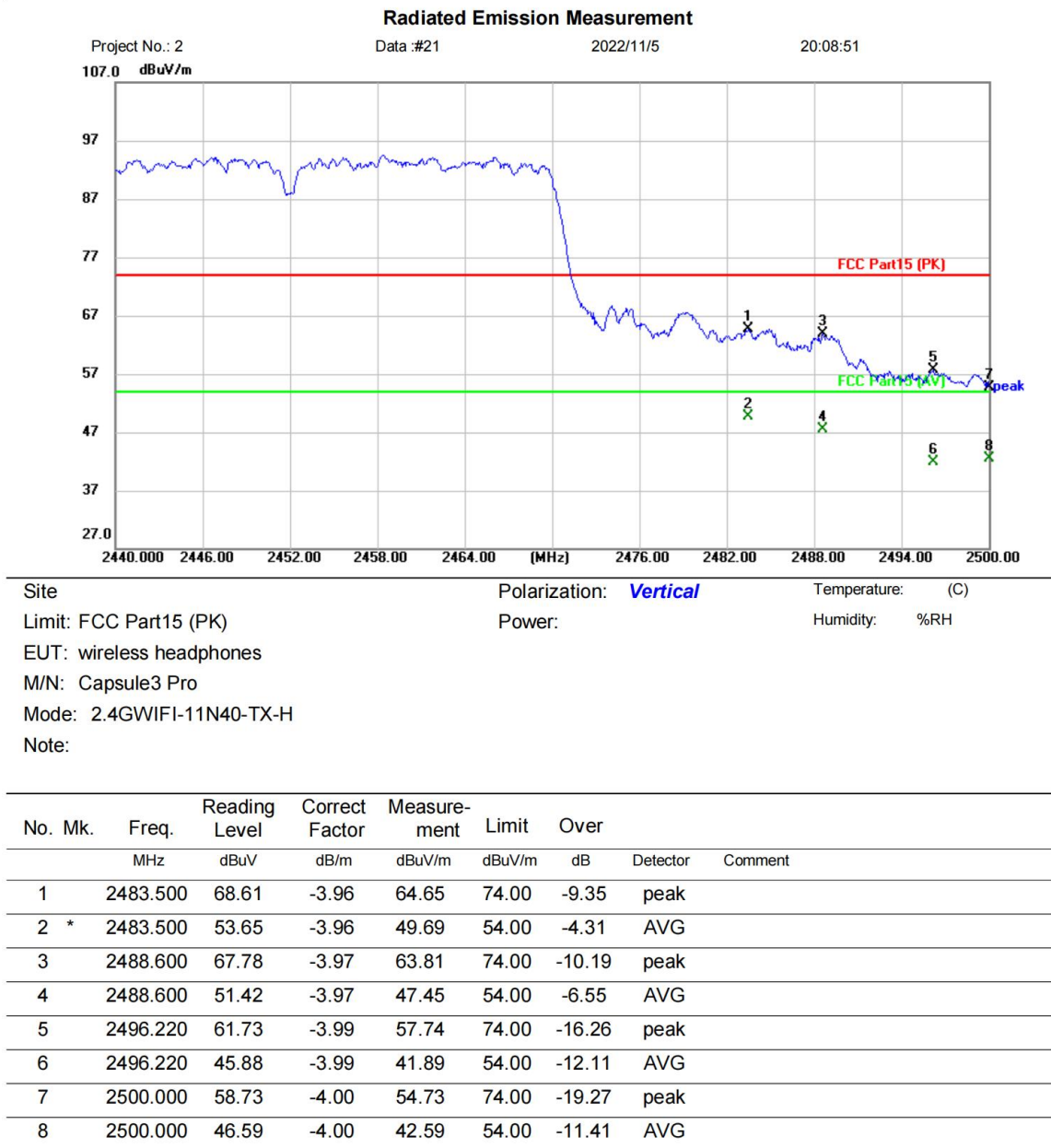
Test Result: Pass

[TestMode: TX n40 low channel]; [Polarity: Vertical]



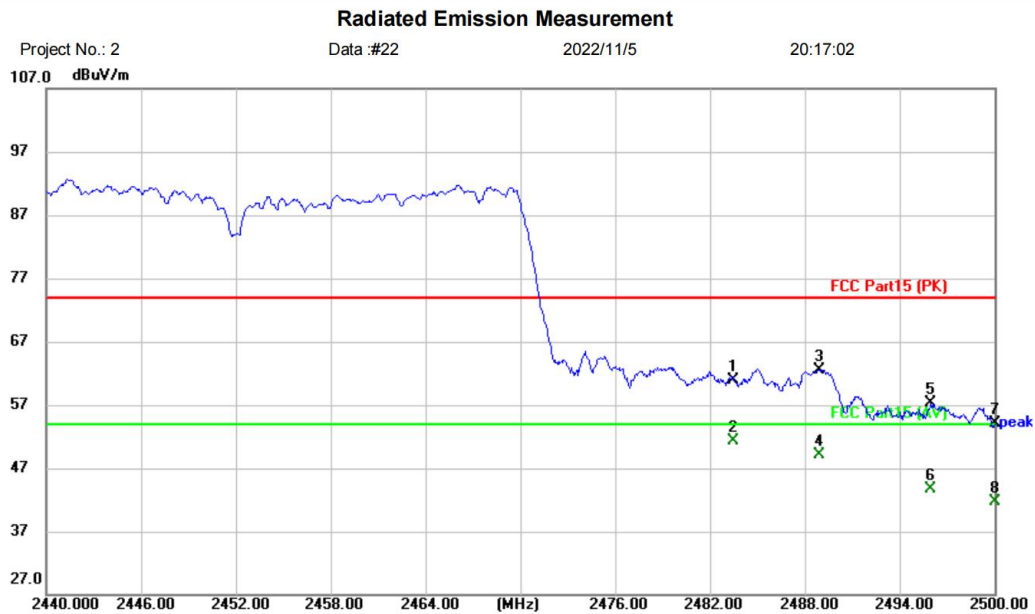
Test Result: Pass

[TestMode: TX n40 high channel]; [Polarity: Vertical]



Test Result: Pass

[TestMode: TX n40 high channel]; [Polarity: Horizontal]



Site: Polarization: **Horizontal** Temperature: (C)

Limit: FCC Part15 (PK) Power: Humidity: %RH

EUT: wireless headphones

M/N: Capsule3 Pro

Mode: 2.4GWIFI-11N40-TX-H

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		
1		2483.500	64.94	-3.96	60.98	74.00	-13.02	peak	
2	*	2483.500	55.20	-3.96	51.24	54.00	-2.76	AVG	
3		2488.900	66.57	-3.97	62.60	74.00	-11.40	peak	
4		2488.900	53.09	-3.97	49.12	54.00	-4.88	AVG	
5		2495.980	61.32	-3.99	57.33	74.00	-16.67	peak	
6		2495.980	47.63	-3.99	43.64	54.00	-10.36	AVG	
7		2500.000	58.16	-4.00	54.16	74.00	-19.84	peak	
8		2500.000	45.78	-4.00	41.78	54.00	-12.22	AVG	

Test Result: Pass

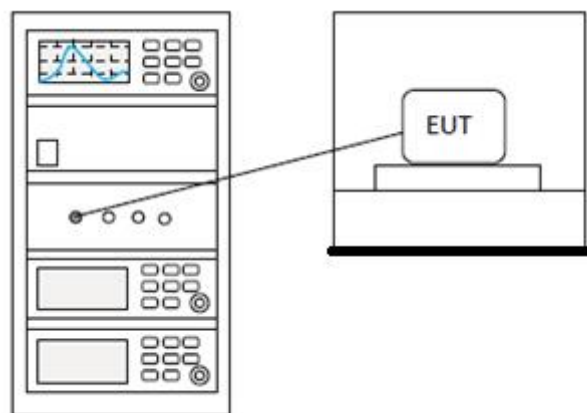
13 CONDUCTED SPURIOUS EMISSIONS

Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	ANSI C63.10 (2013) Section 7.8.6 & Section 11.11
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX
Tester	Jozu
Temperature	25°C
Humidity	60%

13.1 LIMITS

Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).
---------------	--

13.2 BLOCK DIAGRAM OF TEST SETUP



13.3 TEST DATA

Pass: Please Refer To Appendix: Appendix1 For Details

BlueAsia

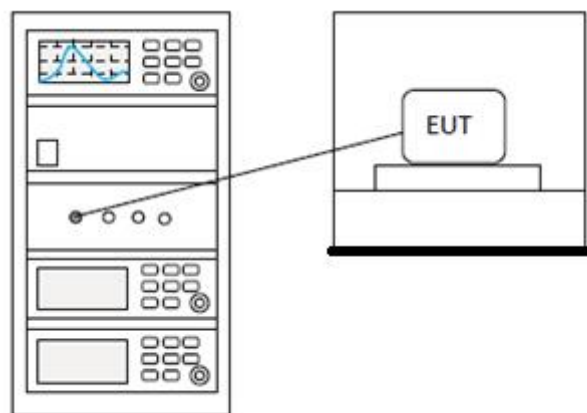
14 CONDUCTED BAND EDGES MEASUREMENT

Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	ANSI C63.10 (2013) Section 7.8.8 & Section 11.13.3.2
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX
Tester	Jozu
Temperature	25°C
Humidity	60%

14.1 LIMITS

Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).
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14.2 BLOCK DIAGRAM OF TEST SETUP



14.3 TEST DATA

Pass: Please Refer To Appendix: Appendix1 For Details

BlueAsia

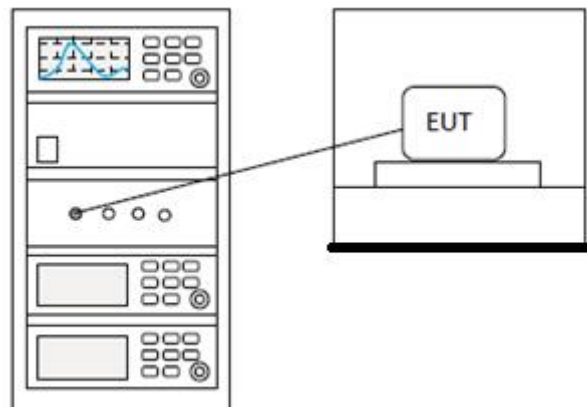
15 MINIMUM 6DB BANDWIDTH

Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	ANSI C63.10 (2013) Section 11.8.1
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX
Tester	Jozu
Temperature	25°C
Humidity	60%

15.1 LIMITS

Limit:	≥ 500 kHz
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15.2 BLOCK DIAGRAM OF TEST SETUP



15.3 TEST DATA

Pass: Please Refer To Appendix: Appendix1 For Details

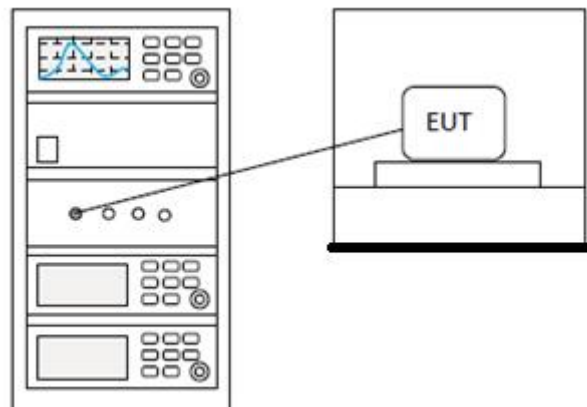
16 POWER SPECTRUM DENSITY

Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	ANSI C63.10 (2013) Section 11.10.2
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX
Tester	Jozu
Temperature	25°C
Humidity	60%

16.1 LIMITS

Limit: $\leq 8\text{dBm}$ in any 3 kHz band during any time interval of continuous transmission

16.2 BLOCK DIAGRAM OF TEST SETUP



16.3 TEST DATA

Pass: Please Refer To Appendix: Appendix1 For Details

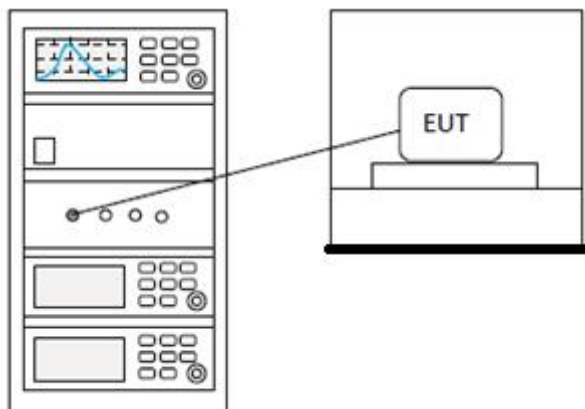
17 CONDUCTED PEAK OUTPUT POWER

Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	ANSI C63.10 (2013) Section 7.8.5 & Section 11.9.1
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX
Tester	Jozu
Temperature	25°C
Humidity	60%

17.1 LIMITS

Frequency range(MHz)	Output power of the intentional radiator(watt)
902-928	1 for ≥ 50 hopping channels
	0.25 for $25 \leq \text{hopping channels} < 50$
	1 for digital modulation
2400-2483.5	1 for ≥ 75 non-overlapping hopping channels
	0.125 for all other frequency hopping systems
	1 for digital modulation
5725-5850	1 for frequency hopping systems and digital modulation

17.2 BLOCK DIAGRAM OF TEST SETUP



17.3 TEST DATA

Pass: Please Refer To Appendix: Appendix1 For Details

BlueAsia

18 CONDUCTED EMISSIONS AT AC POWER LINE (150KHZ-30MHZ)

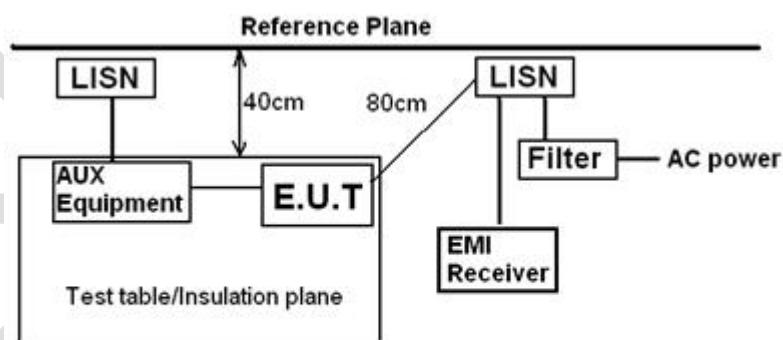
Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	ANSI C63.10 (2013) Section 6.2
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX
Tester	Jozu
Temperature	25℃
Humidity	60%

18.1 LIMITS

Frequency of emission(MHz)	Conducted limit(dBμV)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

18.2 BLOCK DIAGRAM OF TEST SETUP



Remark:
E.U.T: Equipment Under Test
LISN: Line Impedance Stabilization Network
Test table height=0.8m

18.3 PROCEDURE

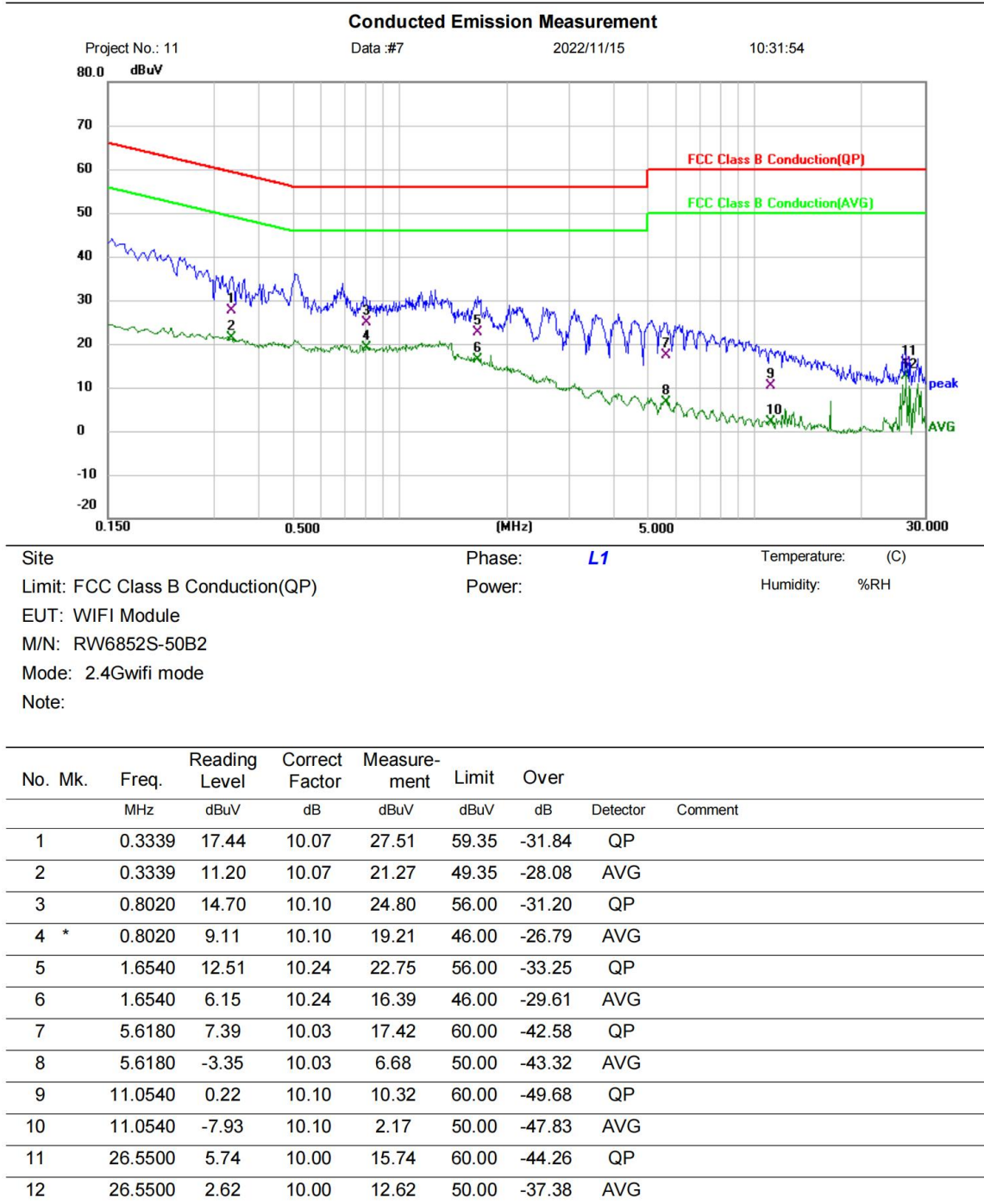
- 1) The mains terminal disturbance voltage test was conducted in a shielded room.
- 2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a 50ohm/50H + 5ohm linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded.

- 3) The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane,
- 4) The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the LISN 2.
- 5) In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10 on conducted measurement.

Remark: $LISN = Read\ Level + Cable\ Loss + LISN\ Factor$

18.1 TEST DATA

[TestMode: Transmitting mode]; [Line: Line] ;[Power:AC120V/60Hz]



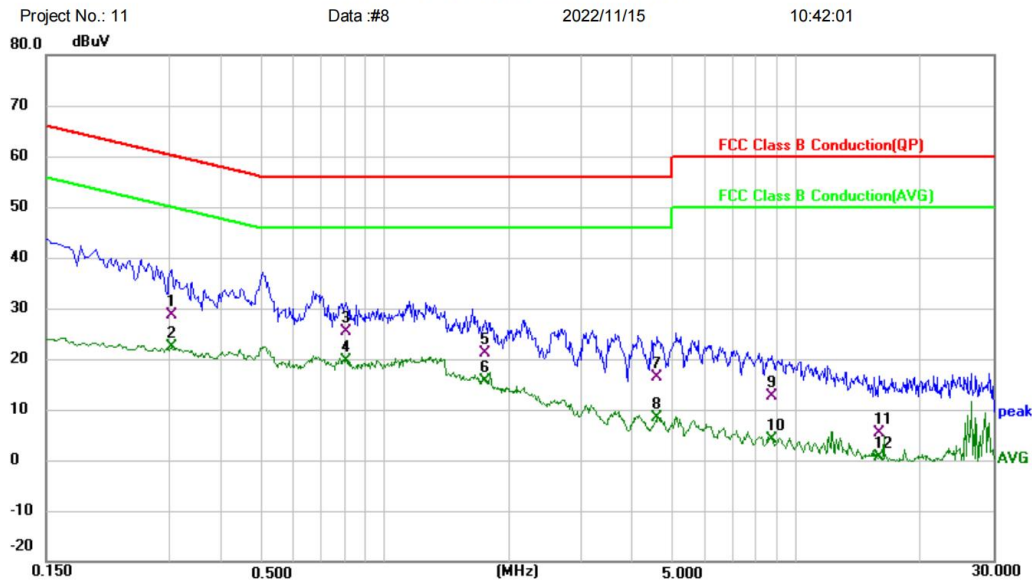
*:Maximum data x:Over limit !:over margin

⟨Reference Only

Test Result: Pass

[TestMode: Transmitting mode]; [Line: Neutral] ;[Power:AC120V/60Hz]

Conducted Emission Measurement



Site: Phase: **N** Temperature: (C)
Limit: FCC Class B Conduction(QP) Power: Humidity: %RH
EUT: WIFI Module
M/N: RW6852S-50B2
Mode: 2.4Gwifi mode
Note:

No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.3020	18.52	10.07	28.59	60.19	-31.60	QP	
2	0.3020	12.20	10.07	22.27	50.19	-27.92	AVG	
3	0.8059	15.30	10.03	25.33	56.00	-30.67	QP	
4 *	0.8059	9.58	10.03	19.61	46.00	-26.39	AVG	
5	1.7460	11.00	10.08	21.08	56.00	-34.92	QP	
6	1.7460	5.51	10.08	15.59	46.00	-30.41	AVG	
7	4.5900	6.65	9.85	16.50	56.00	-39.50	QP	
8	4.5900	-1.58	9.85	8.27	46.00	-37.73	AVG	
9	8.7020	2.81	9.90	12.71	60.00	-47.29	QP	
10	8.7020	-5.88	9.90	4.02	50.00	-45.98	AVG	
11	15.8540	-4.53	10.02	5.49	60.00	-54.51	QP	
12	15.8540	-9.43	10.02	0.59	50.00	-49.41	AVG	

*:Maximum data x:Over limit !:over margin

< Reference Only

Test Result: Pass

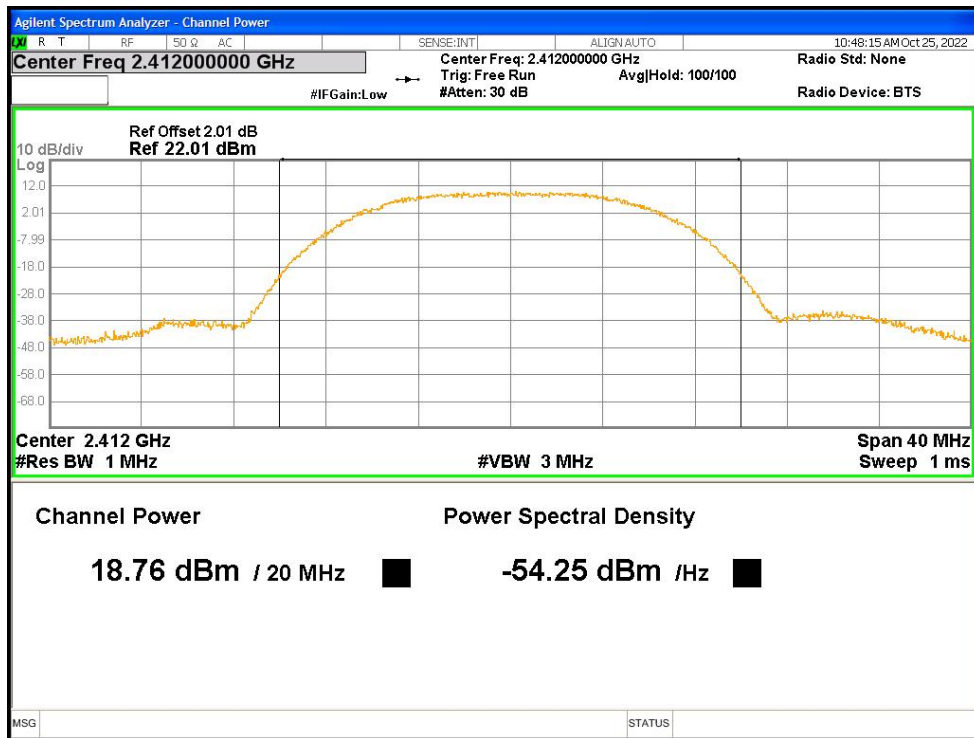
19 APPENDIX

Appendix1

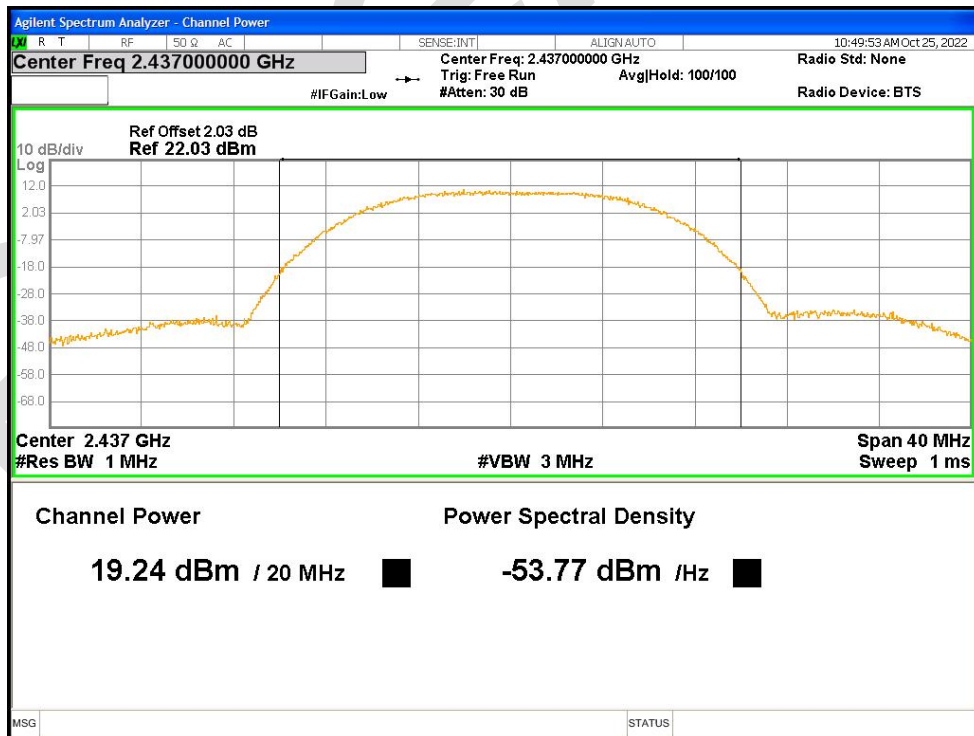
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Type	Conducted Power (dBm)			Limit (dBm)	Verdict
NVNT	b	2412	Ant1	SISO	18.757			30	Pass
NVNT	b	2437	Ant1	SISO	19.238			30	Pass
NVNT	b	2462	Ant1	SISO	18.639			30	Pass
NVNT	b	2412	Ant2	SISO	19.436			30	Pass
NVNT	b	2437	Ant2	SISO	19.927			30	Pass
NVNT	b	2462	Ant2	SISO	18.943			30	Pass
NVNT	g	2412	Ant1	SISO	18.128			30	Pass
NVNT	g	2437	Ant1	SISO	18.256			30	Pass
NVNT	g	2462	Ant1	SISO	18.231			30	Pass
NVNT	g	2412	Ant2	SISO	18.593			30	Pass
NVNT	g	2437	Ant2	SISO	18.719			30	Pass
NVNT	g	2462	Ant2	SISO	18.477			30	Pass
NVNT	n20	2412	Ant1	SISO	17.965			30	Pass
NVNT	n20	2437	Ant1	SISO	17.98			30	Pass
NVNT	n20	2462	Ant1	SISO	17.966			30	Pass
NVNT	n20	2412	Ant2	SISO	17.454			30	Pass
NVNT	n20	2437	Ant2	SISO	17.612			30	Pass
NVNT	n20	2462	Ant2	SISO	17.304			30	Pass
NVNT	n20	2412	Sum	MIMO	Ant1	16.805	20.051	29.69	Pass
					Ant2	17.265			
NVNT	n20	2437	Sum	MIMO	Ant1	16.848	20.192	29.69	Pass
					Ant2	17.491			
NVNT	n20	2462	Sum	MIMO	Ant1	17.04	20.083	29.69	Pass
					Ant2	17.105			
NVNT	n40	2422	Ant1	SISO	17.261			30	Pass
NVNT	n40	2437	Ant1	SISO	17.522			30	Pass
NVNT	n40	2452	Ant1	SISO	17.68			30	Pass
NVNT	n40	2422	Ant2	SISO	17.912			30	Pass
NVNT	n40	2437	Ant2	SISO	17.937			30	Pass
NVNT	n40	2452	Ant2	SISO	17.934			30	Pass
NVNT	n40	2422	Sum	MIMO	Ant1	17.239	20.573	29.69	Pass
					Ant2	17.864			
NVNT	n40	2437	Sum	MIMO	Ant1	17.39	20.698	29.69	Pass
					Ant2	17.967			
NVNT	n40	2452	Sum	MIMO	Ant1	17.531	20.757	29.69	Pass
					Ant2	17.953			

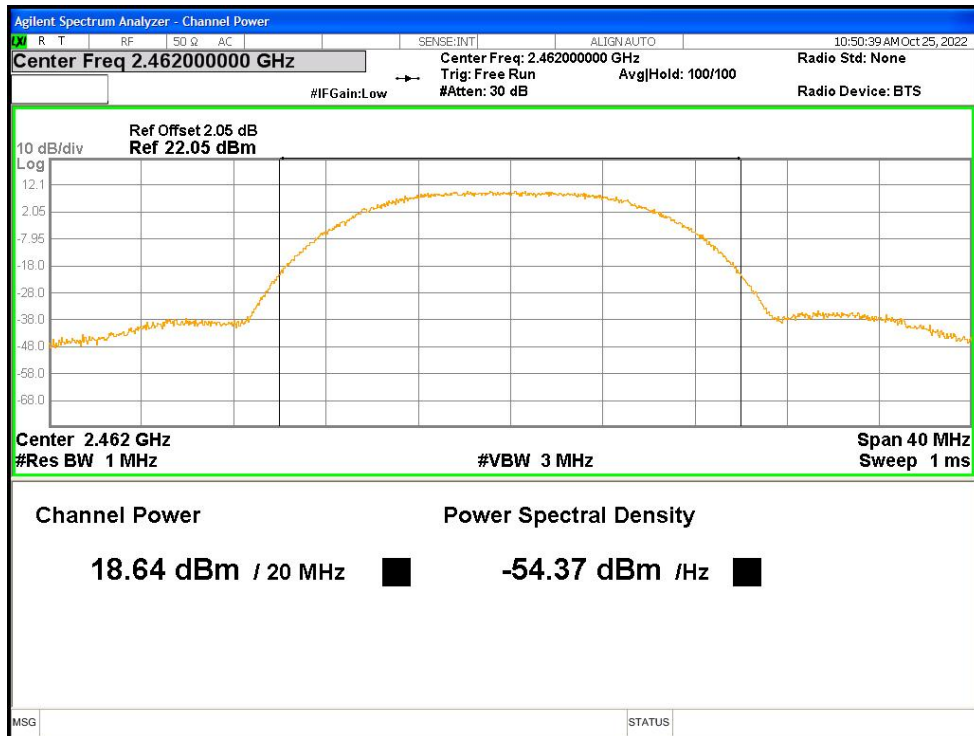
Power NVNT b 2412MHz Ant1



Power NVNT b 2437MHz Ant1



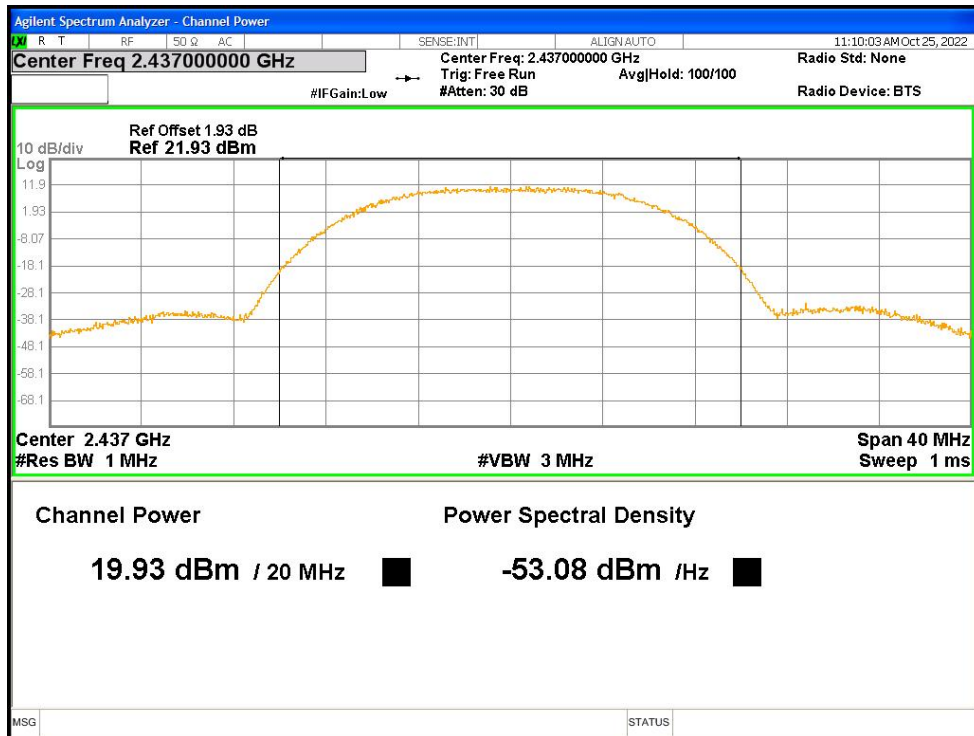
Power NVNT b 2462MHz Ant1



Power NVNT b 2412MHz Ant2



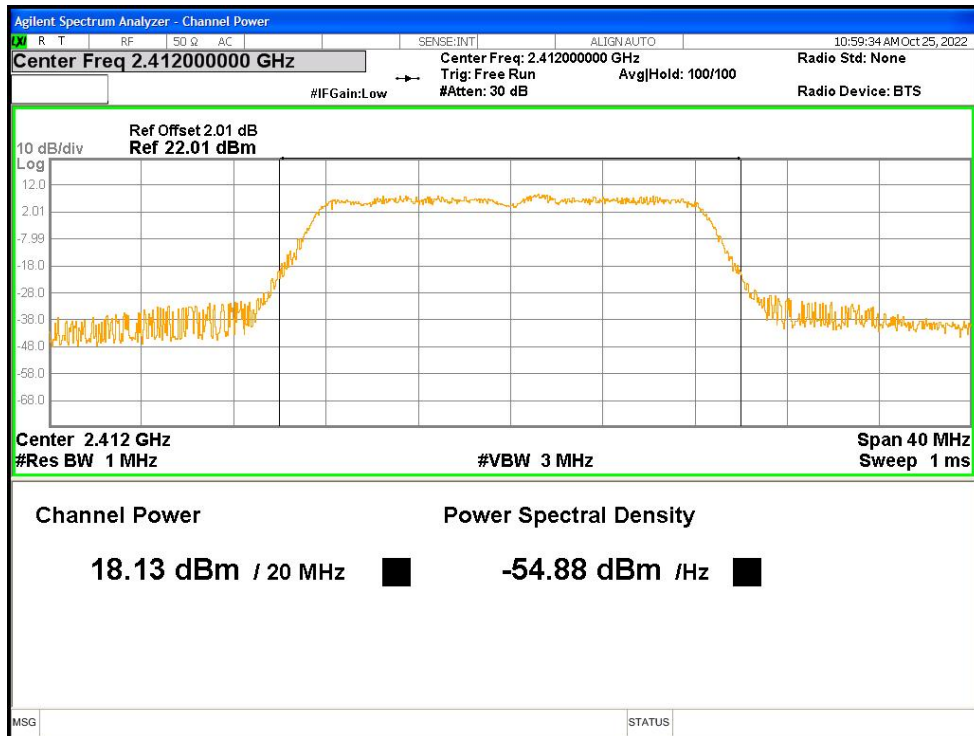
Power NVNT b 2437MHz Ant2



Power NVNT b 2462MHz Ant2



Power NVNT g 2412MHz Ant1



Power NVNT g 2437MHz Ant1

