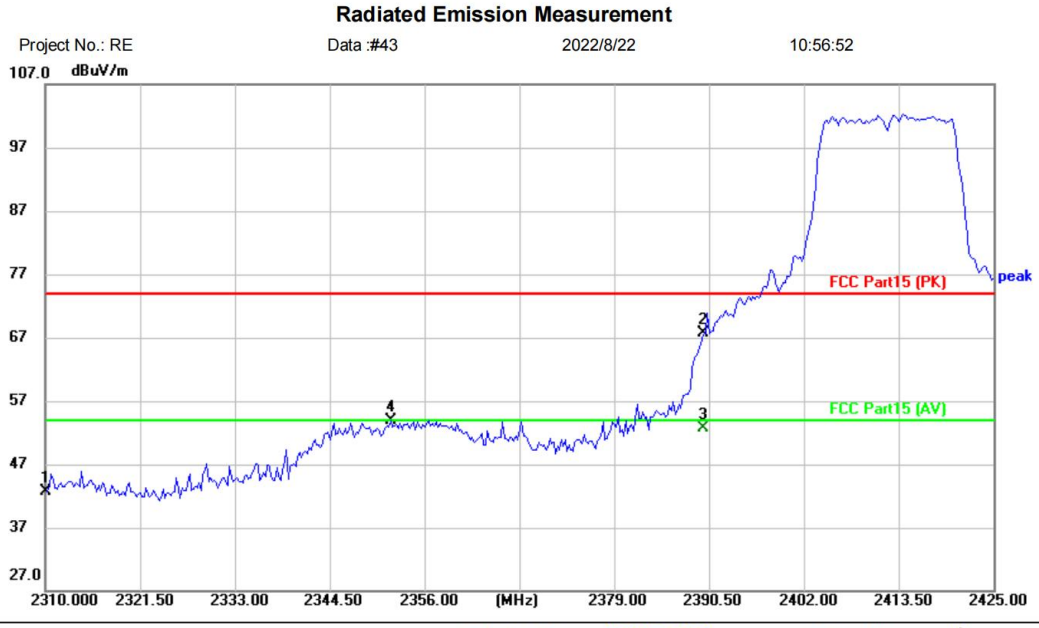
[TestMode: TX g low channel]; [Polarity: Horizontal]



Site
Limit: FCC Part15 (PK)
EUT: Bluetooth voice remote control
M/N: HTR-U29
Mode: 11G TX-L
Note:

Polarization: ***Horizontal***
Power:

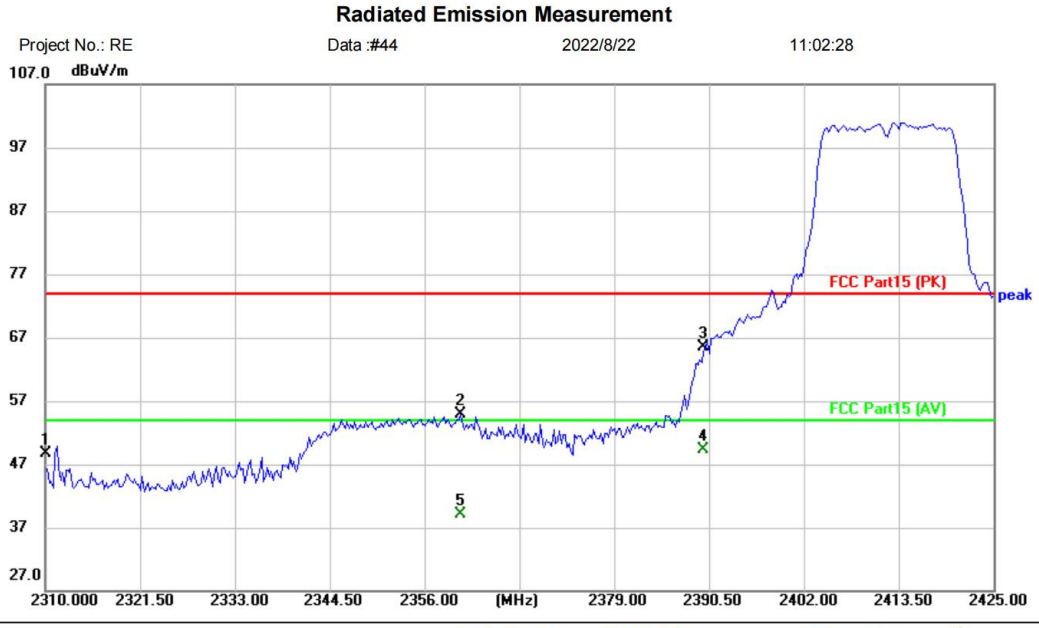
Temperature: (C)
Humidity: %RH

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		2310.000	45.78	-3.02	42.76	74.00	-31.24	peak	
2		2390.000	70.29	-2.50	67.79	74.00	-6.21	peak	
3	*	2390.000	55.24	-2.50	52.74	54.00	-1.26	AVG	
4		2351.860	56.68	-2.74	53.94	74.00	-20.06	peak	

*:Maximum data x:Over limit !:over margin (Reference Only

Test Result: Pass

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



Site
Limit: FCC Part15 (PK)
EUT: Bluetooth voice remote control
M/N: HTR-U29
Mode: 11G TX-L
Note:

Polarization: *Vertical*
Power:

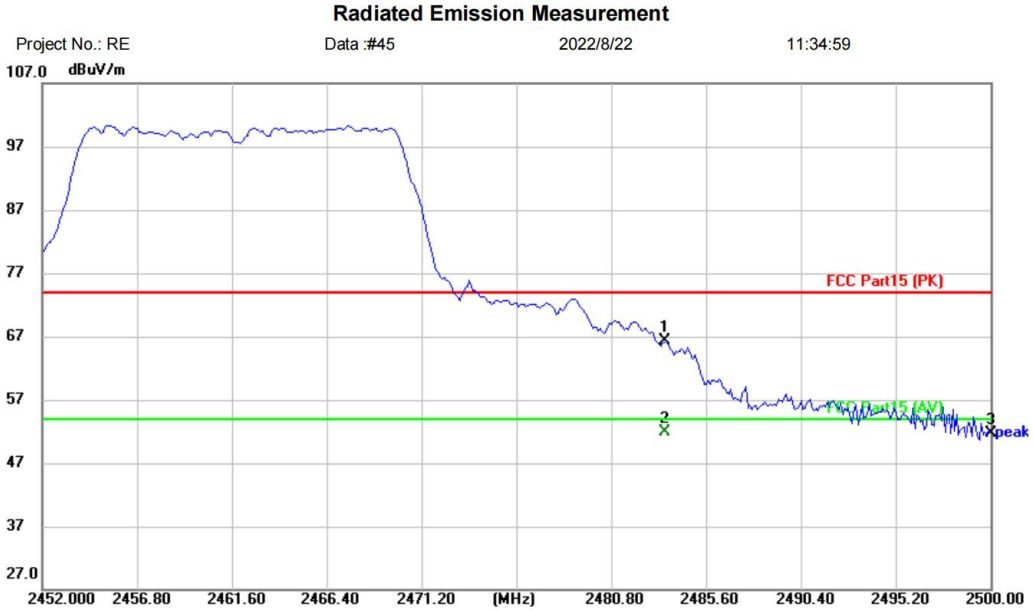
Temperature: (C)
Humidity: %RH

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		2310.000	51.81	-3.02	48.79	74.00	-25.21	peak	
2		2360.370	57.52	-2.69	54.83	74.00	-19.17	peak	
3		2390.000	67.94	-2.50	65.44	74.00	-8.56	peak	
4	*	2390.000	51.84	-2.50	49.34	54.00	-4.66	AVG	
5		2360.370	41.81	-2.69	39.12	54.00	-14.88	AVG	

*:Maximum data x:Over limit !:over margin (Reference Only

Test Result: Pass

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



Site
Limit: FCC Part15 (PK)
EUT: Bluetooth voice remote control
M/N: HTR-U29
Mode: 11G TX-H
Note:

Polarization: ***Horizontal***
Power:

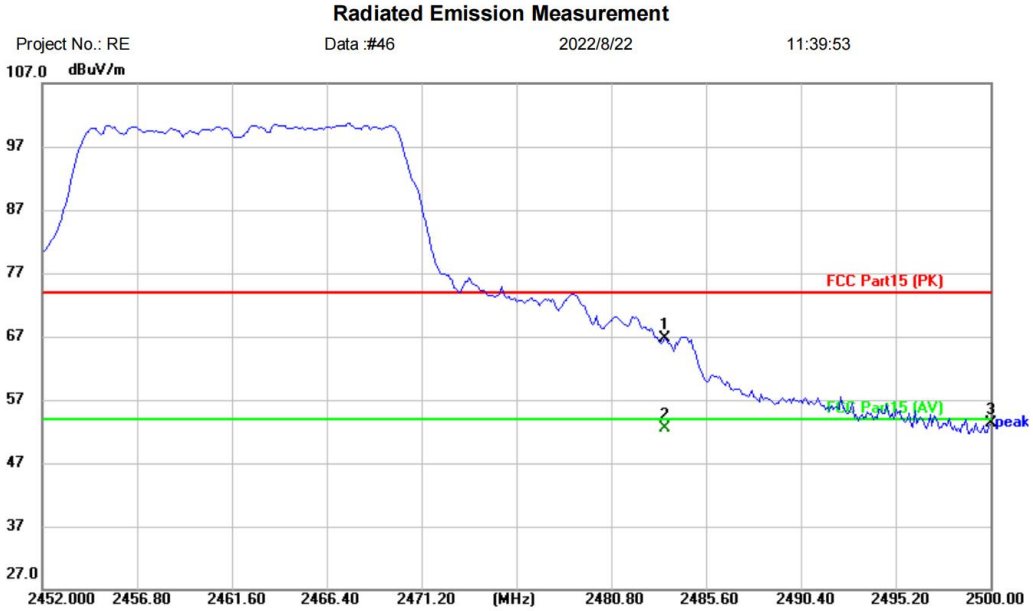
Temperature: (C)
Humidity: %RH

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	68.88	-2.52	66.36	74.00	-7.64	peak	
2	*	2483.500	54.51	-2.52	51.99	54.00	-2.01	AVG	
3		2500.000	54.24	-2.55	51.69	74.00	-22.31	peak	

*:Maximum data x:Over limit !:over margin 〈Reference Only

Test Result: Pass

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



Site
Limit: FCC Part15 (PK)
EUT: Bluetooth voice remote control
M/N: HTR-U29
Mode: 11G TX-H
Note:

Polarization: ***Vertical***
Power:

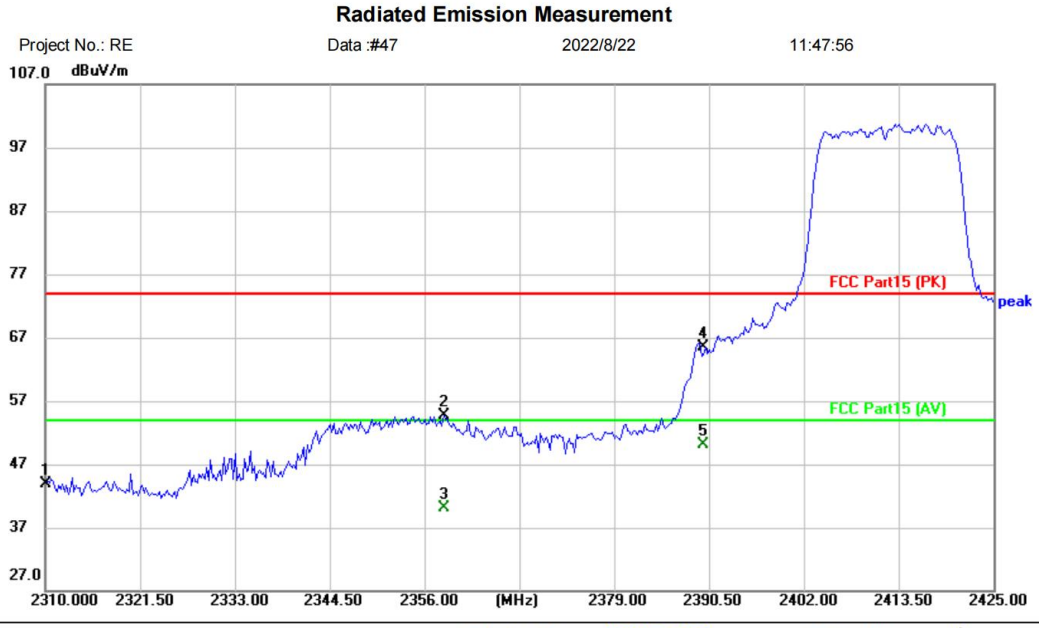
Temperature: (C)
Humidity: %RH

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	69.30	-2.52	66.78	74.00	-7.22	peak	
2	*	2483.500	54.93	-2.52	52.41	54.00	-1.59	AVG	
3		2500.000	55.93	-2.55	53.38	74.00	-20.62	peak	

*:Maximum data x:Over limit !:over margin 〈Reference Only

Test Result: Pass

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



Site
Limit: FCC Part15 (PK)
EUT: Bluetooth voice remote control
M/N: HTR-U29
Mode: 11N20 TX-L
Note:

Polarization: *Horizontal*
Power:

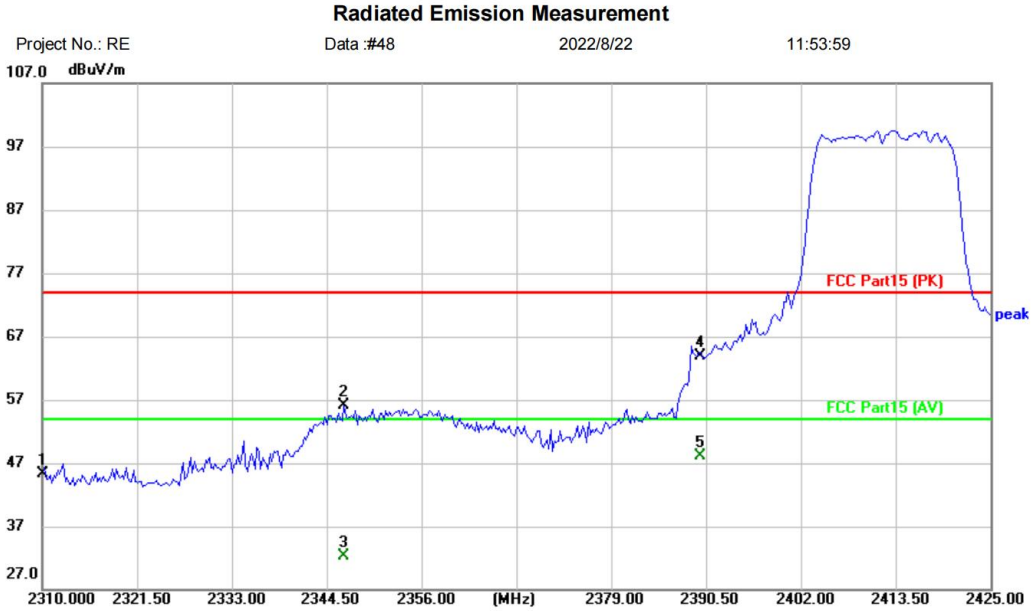
Temperature: (C)
Humidity: %RH

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		2310.000	47.02	-3.02	44.00	74.00	-30.00	peak	
2		2358.300	57.40	-2.70	54.70	74.00	-19.30	peak	
3		2358.300	42.78	-2.70	40.08	54.00	-13.92	AVG	
4		2390.000	68.02	-2.50	65.52	74.00	-8.48	peak	
5	*	2390.000	52.61	-2.50	50.11	54.00	-3.89	AVG	

*:Maximum data x:Over limit !:over margin (Reference Only

Test Result: Pass

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



Site
Limit: FCC Part15 (PK)
EUT: Bluetooth voice remote control
M/N: HTR-U29
Mode: 11N20 TX-L
Note:

Polarization: *Vertical*
Power:

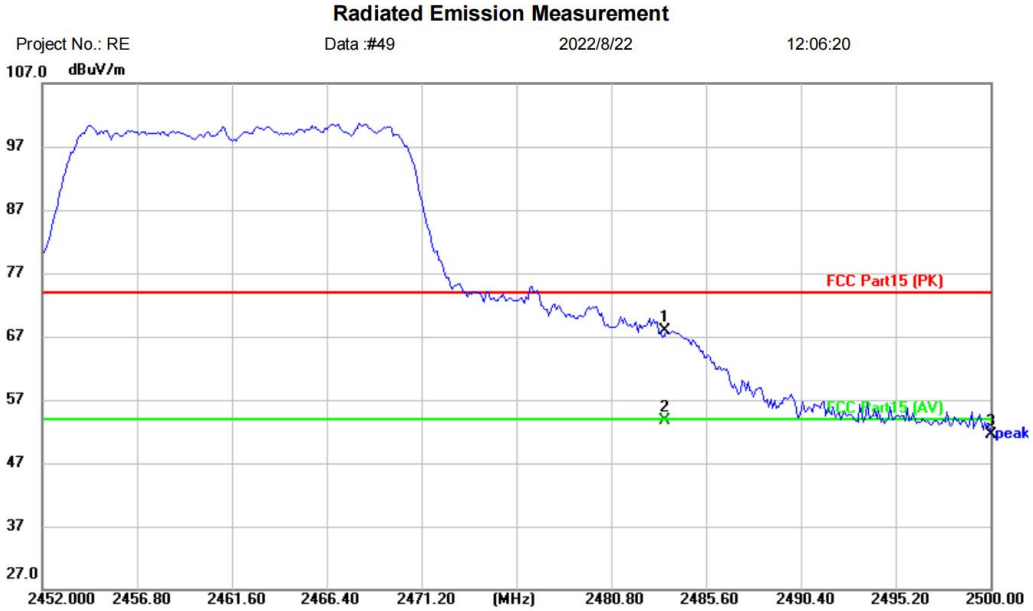
Temperature: (C)
Humidity: %RH

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		2310.000	48.33	-3.02	45.31	74.00	-28.69	peak	
2		2346.570	58.81	-2.78	56.03	74.00	-17.97	peak	
3		2346.570	35.00	-2.78	32.22	54.00	-21.78	AVG	
4		2390.000	66.49	-2.50	63.99	74.00	-10.01	peak	
5	*	2390.000	50.52	-2.50	48.02	54.00	-5.98	AVG	

*:Maximum data x:Over limit !:over margin 〈Reference Only

Test Result: Pass

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



Site
Limit: FCC Part15 (PK)
EUT: Bluetooth voice remote control
M/N: HTR-U29
Mode: 11N20 TX-H
Note:

Polarization: ***Horizontal***
Power:

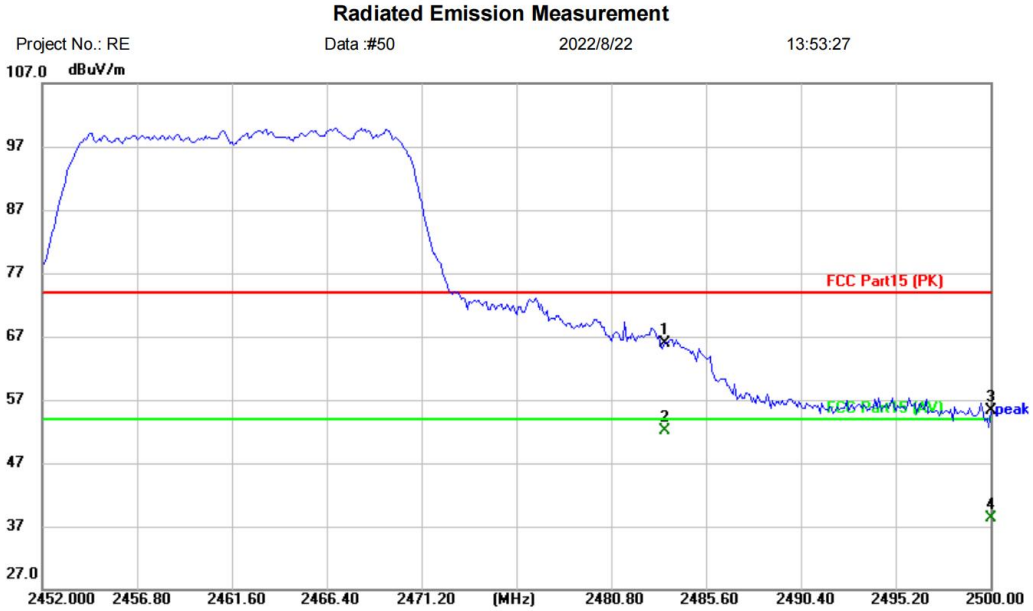
Temperature: (C)
Humidity: %RH

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	70.35	-2.52	67.83	74.00	-6.17	peak	
2	*	2483.500	56.17	-2.52	53.65	54.00	-0.35	AVG	
3		2500.000	54.08	-2.55	51.53	74.00	-22.47	peak	

*:Maximum data x:Over limit !:over margin 〈Reference Only

Test Result: Pass

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



Site
Limit: FCC Part15 (PK)
EUT: Bluetooth voice remote control
M/N: HTR-U29
Mode: 11N20 TX-H
Note:

Polarization: ***Vertical***
Power:

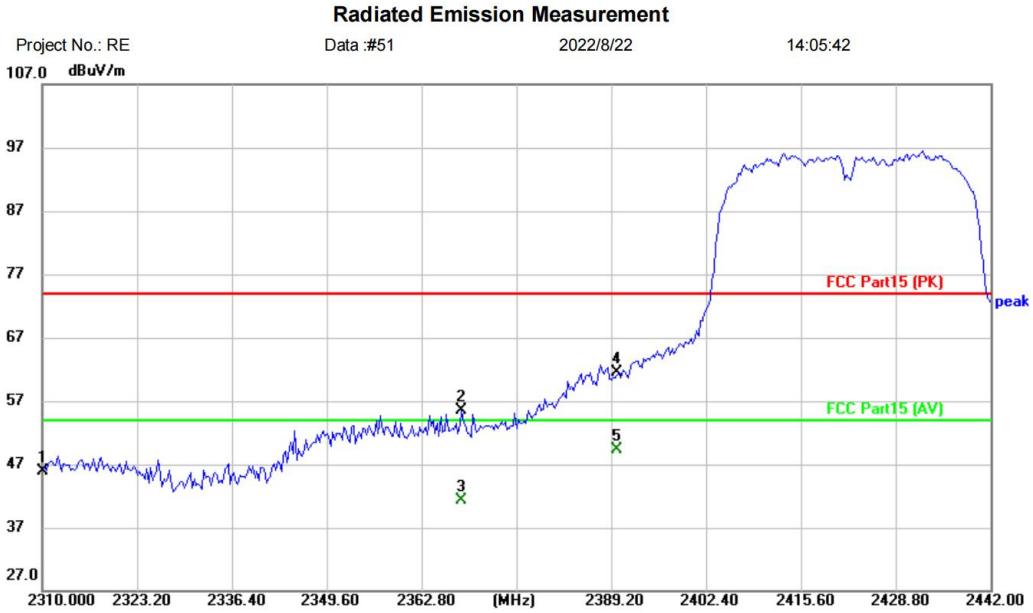
Temperature: (C)
Humidity: %RH

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	68.36	-2.52	65.84	74.00	-8.16	peak	
2	*	2483.500	54.69	-2.52	52.17	54.00	-1.83	AVG	
3		2500.000	57.88	-2.55	55.33	74.00	-18.67	peak	
4		2500.000	40.90	-2.55	38.35	54.00	-15.65	AVG	

*:Maximum data x:Over limit !:over margin 〈Reference Only

Test Result: Pass

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



Site
Limit: FCC Part15 (PK)
EUT: Bluetooth voice remote control
M/N: HTR-U29
Mode: 11N40 TX-L
Note:

Polarization: ***Horizontal***
Power:

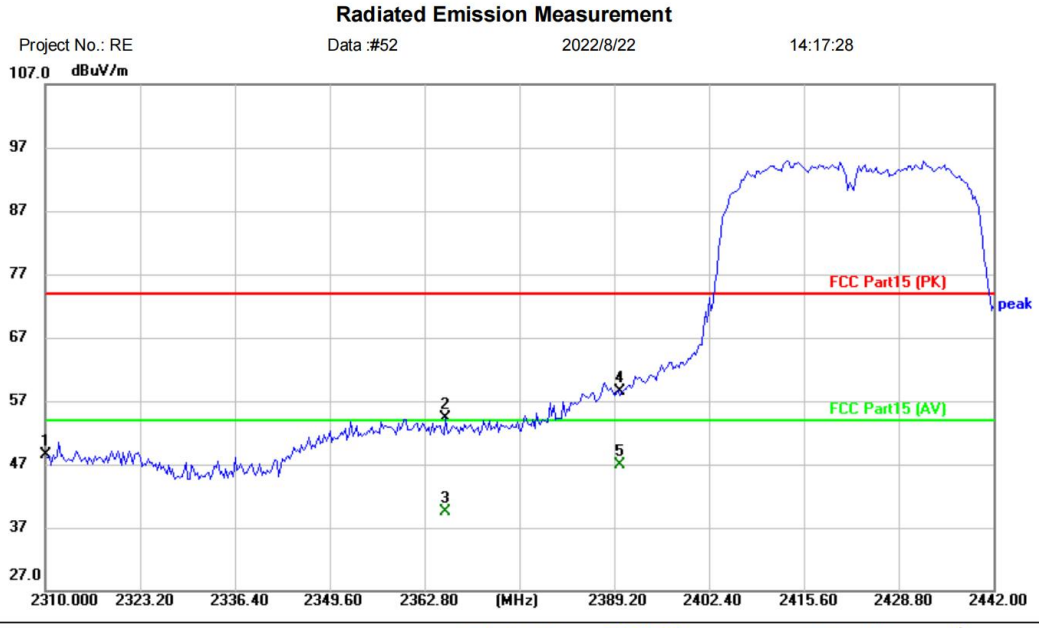
Temperature: (C)
Humidity: %RH

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		2310.000	48.92	-3.02	45.90	74.00	-28.10	peak	
2		2368.344	58.04	-2.63	55.41	74.00	-18.59	peak	
3		2368.344	43.98	-2.63	41.35	54.00	-12.65	AVG	
4		2390.000	64.03	-2.50	61.53	74.00	-12.47	peak	
5	*	2390.000	51.80	-2.50	49.30	54.00	-4.70	AVG	

*:Maximum data x:Over limit !:over margin (Reference Only

Test Result: Pass

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



Site
Limit: FCC Part15 (PK)
EUT: Bluetooth voice remote control
M/N: HTR-U29
Mode: 11N40 TX-L
Note:

Polarization: *Vertical*
Power:

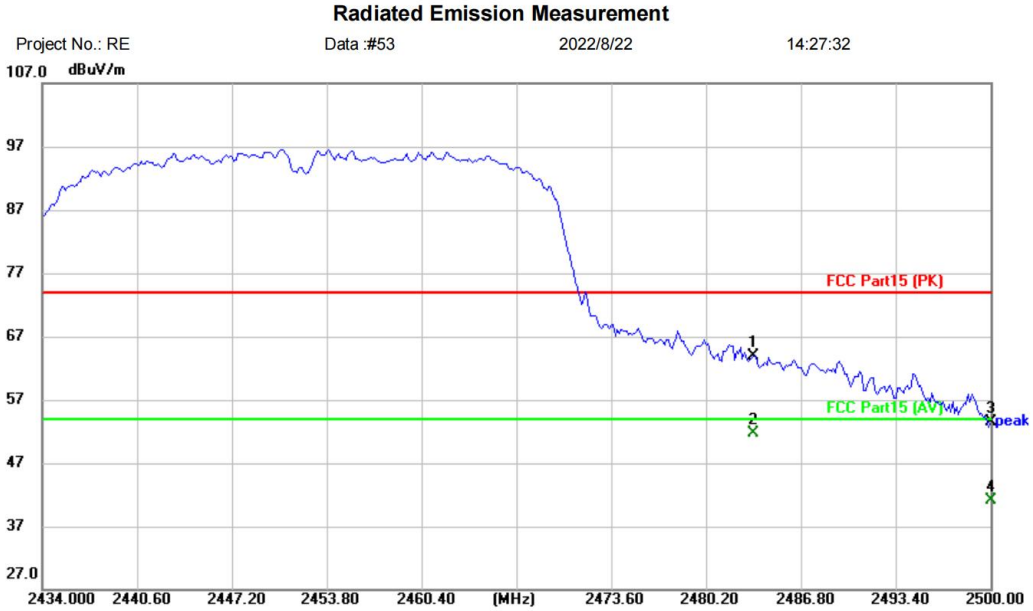
Temperature: (C)
Humidity: %RH

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		2310.000	51.60	-3.02	48.58	74.00	-25.42	peak	
2		2365.704	56.94	-2.65	54.29	74.00	-19.71	peak	
3		2365.704	42.21	-2.65	39.56	54.00	-14.44	AVG	
4		2390.000	61.01	-2.50	58.51	74.00	-15.49	peak	
5	*	2390.000	49.50	-2.50	47.00	54.00	-7.00	AVG	

*:Maximum data x:Over limit !:over margin (Reference Only

Test Result: Pass

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



Site
Limit: FCC Part15 (PK)
EUT: Bluetooth voice remote control
M/N: HTR-U29
Mode: 11N40 TX-H
Note:

Polarization: ***Horizontal***
Power:

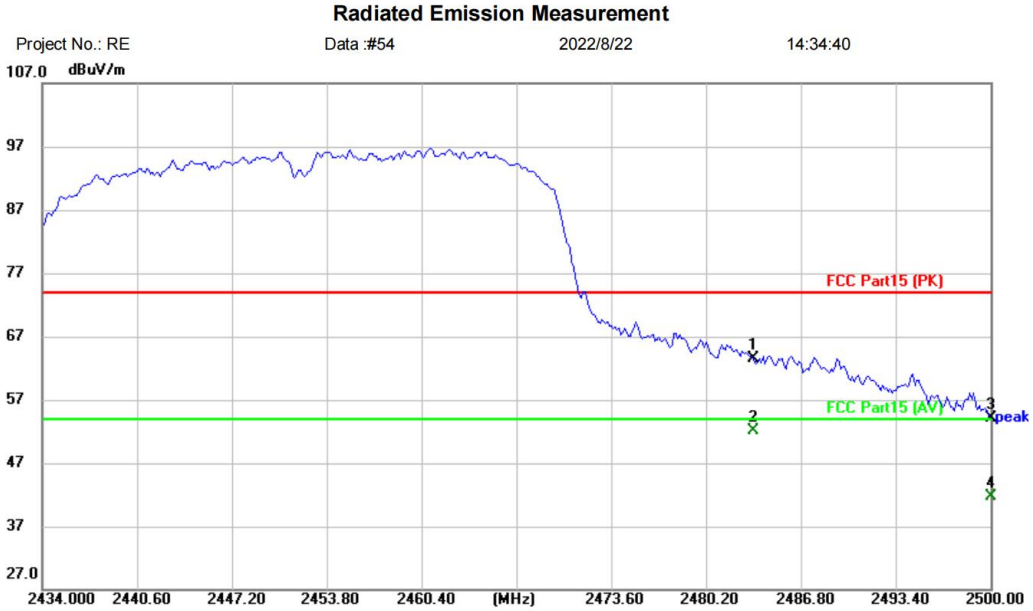
Temperature: (C)
Humidity: %RH

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	66.39	-2.52	63.87	74.00	-10.13	peak	
2	*	2483.500	54.16	-2.52	51.64	54.00	-2.36	AVG	
3		2500.000	55.96	-2.55	53.41	74.00	-20.59	peak	
4		2500.000	43.70	-2.55	41.15	54.00	-12.85	AVG	

*:Maximum data x:Over limit !:over margin 〈Reference Only

Test Result: Pass

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



Site
Limit: FCC Part15 (PK)
EUT: Bluetooth voice remote control
M/N: HTR-U29
Mode: 11N40 TX-H
Note:

Polarization: *Vertical*
Power:

Temperature: (C)
Humidity: %RH

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	66.04	-2.52	63.52	74.00	-10.48	peak	
2	*	2483.500	54.70	-2.52	52.18	54.00	-1.82	AVG	
3		2500.000	56.56	-2.55	54.01	74.00	-19.99	peak	
4		2500.000	44.21	-2.55	41.66	54.00	-12.34	AVG	

*:Maximum data x:Over limit !:over margin 〈Reference Only

Test Result: Pass

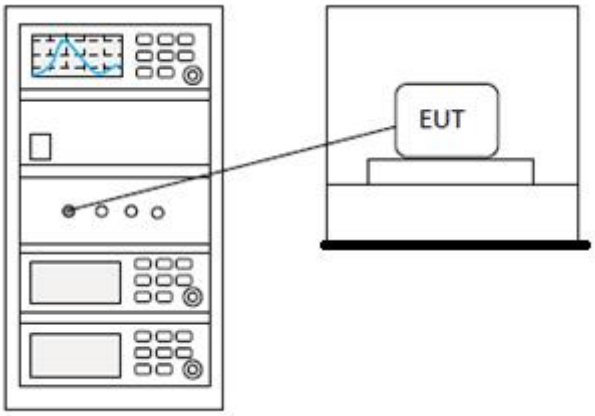
13 CONDUCTED SPURIOUS EMISSIONS

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℃
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

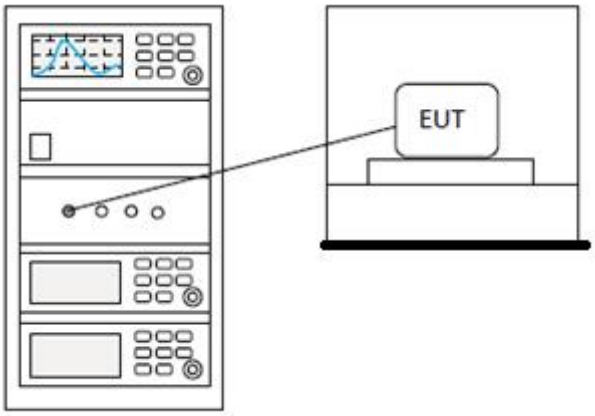
14 CONDUCTED BAND EDGES MEASUREMENT

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℃
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)).

14.2 BLOCK DIAGRAM OF TEST SETUP



14.3 TEST DATA

Pass: Please Refer To Appendix: Appendix1 For Details

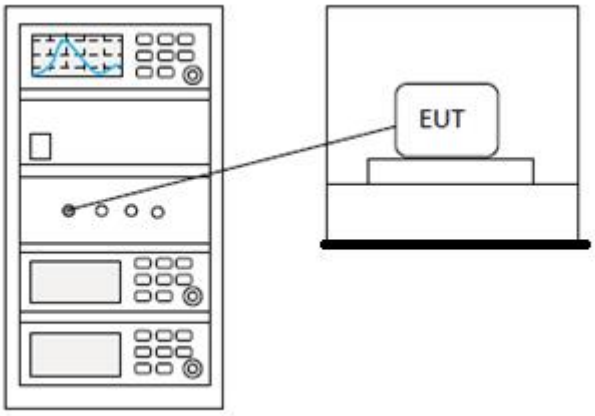
15 MINIMUM 6DB BANDWIDTH

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℃
Humidity	60%

15.1 LIMITS

Limit:	≥500 kHz

15.2 BLOCK DIAGRAM OF TEST SETUP



15.3 TEST DATA

Pass: Please Refer To Appendix: Appendix1 For Details

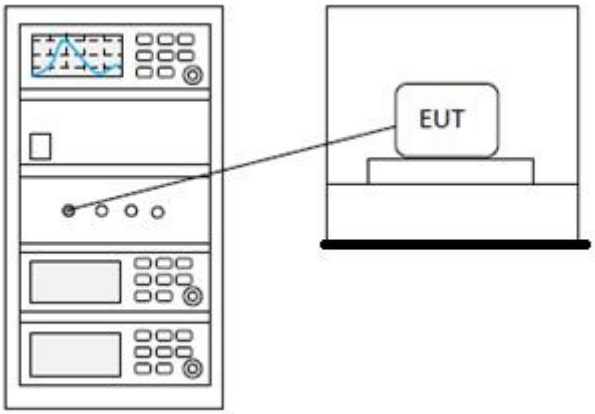
16 POWER SPECTRUM DENSITY

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℃
Humidity	60%

16.1 LIMITS

Limit:	≤8dBm 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

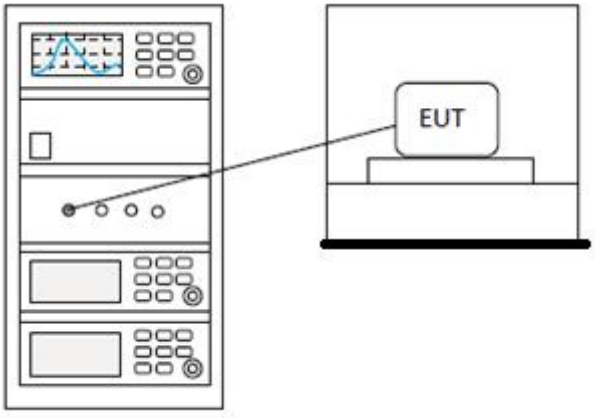
17 CONDUCTED PEAK OUTPUT POWER

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℃
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≤ 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

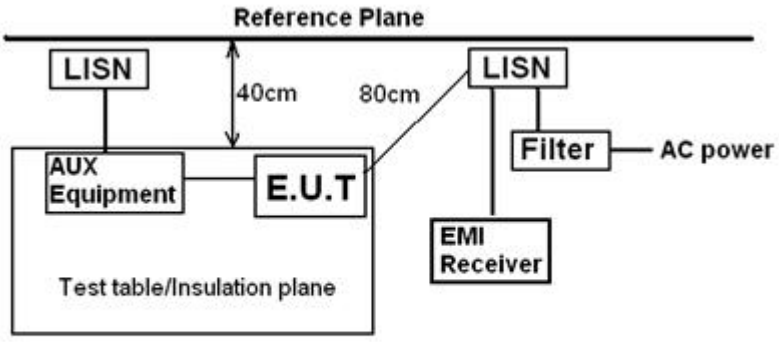
18 CONDUCTED EMISSIONS AT AC POWER LINE (150KHZ-30MHZ)

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 Impedence Stabilization Network
Test table height=0.8m

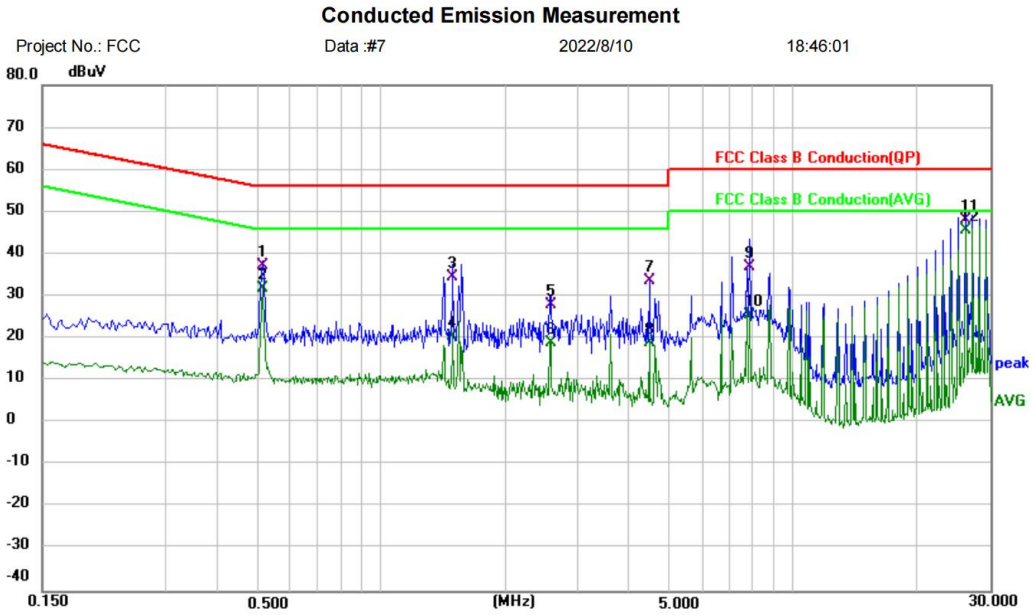
18.3 PROCEDURE

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

18.4 TEST DATA

[TestMode: TX]; [Line: Line] ;[Power:AC120V/60Hz]



Site
Limit: FCC Class B Conduction(QP)
EUT: Anti Snoring pillow
M/N: GN03P
Mode: 2.4G mode
Note:

Phase: *L1*
Power:

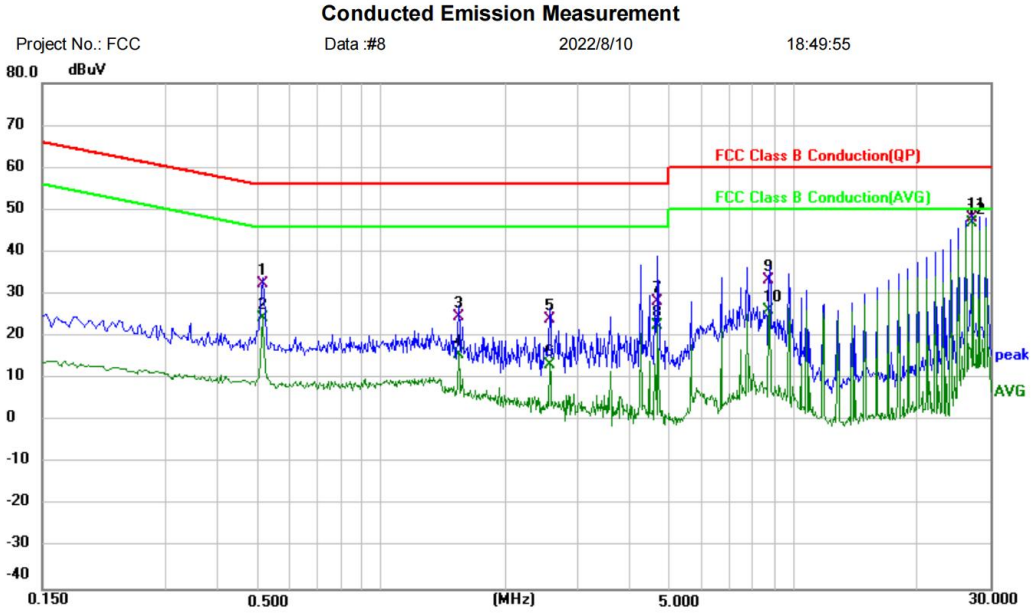
Temperature: (C)
Humidity: %RH

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.5140	37.61	-0.34	37.27	56.00	-18.73	QP	
2		0.5140	32.09	-0.34	31.75	46.00	-14.25	AVG	
3		1.4900	34.23	0.18	34.41	56.00	-21.59	QP	
4		1.4900	20.14	0.18	20.32	46.00	-25.68	AVG	
5		2.5700	27.62	0.19	27.81	56.00	-28.19	QP	
6		2.5700	18.79	0.19	18.98	46.00	-27.02	AVG	
7		4.4660	33.42	0.18	33.60	56.00	-22.40	QP	
8		4.4660	18.78	0.18	18.96	46.00	-27.04	AVG	
9		7.8260	36.77	0.20	36.97	60.00	-23.03	QP	
10		7.8260	25.21	0.20	25.41	50.00	-24.59	AVG	
11		26.1860	47.72	0.36	48.08	60.00	-11.92	QP	
12	*	26.1860	45.16	0.36	45.52	50.00	-4.48	AVG	

*:Maximum data x:Over limit !:over margin 〈Reference Only

Test Result: Pass

[TestMode: TX]; [Line: Nutral] ;[Power:AC120V/60Hz]



Site
Limit: FCC Class B Conduction(QP)
EUT: Anti Snoring pillow
M/N: GN03P
Mode: 2.4G mode
Note:

Phase: *N*
Power:

Temperature: (C)
Humidity: %RH

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.5140	32.88	-0.34	32.54	56.00	-23.46	QP	
2		0.5140	24.63	-0.34	24.29	46.00	-21.71	AVG	
3		1.5380	24.40	0.18	24.58	56.00	-31.42	QP	
4		1.5380	15.55	0.18	15.73	46.00	-30.27	AVG	
5		2.5660	23.95	0.19	24.14	56.00	-31.86	QP	
6		2.5660	12.92	0.19	13.11	46.00	-32.89	AVG	
7		4.6940	28.21	0.18	28.39	56.00	-27.61	QP	
8		4.6940	22.50	0.18	22.68	46.00	-23.32	AVG	
9		8.7299	33.14	0.22	33.36	60.00	-26.64	QP	
10		8.7299	26.07	0.22	26.29	50.00	-23.71	AVG	
11		27.2100	47.55	0.39	47.94	60.00	-12.06	QP	
12	*	27.2100	46.56	0.39	46.95	50.00	-3.05	AVG	

*:Maximum data x:Over limit !:over margin 〈Reference Only

Test Result: Pass

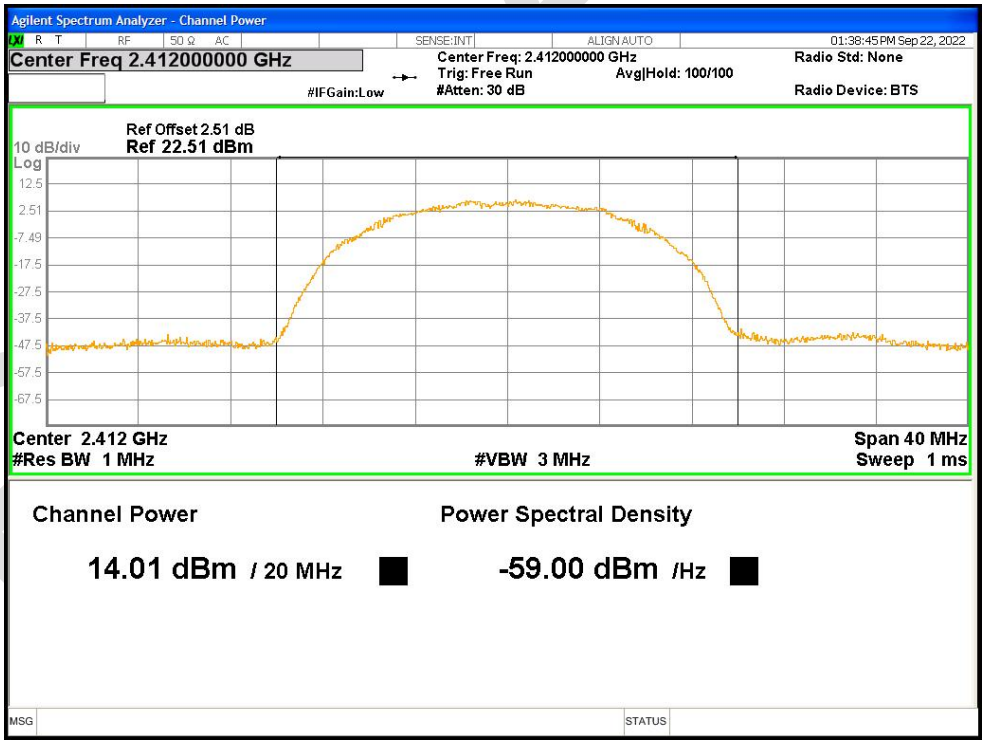
19 APPENDIX

Appendix1

Maximum Conducted Output Power

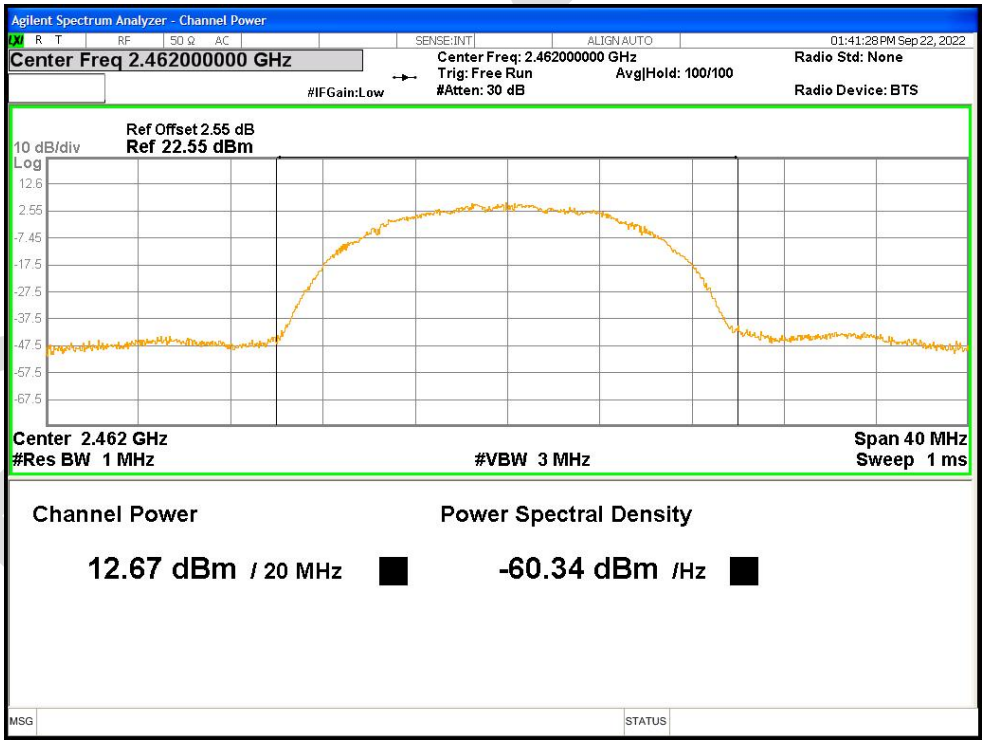
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	14.012	30	Pass
NVNT	b	2437	Ant1	13.59	30	Pass
NVNT	b	2462	Ant1	12.671	30	Pass
NVNT	g	2412	Ant1	8.299	30	Pass
NVNT	g	2437	Ant1	7.602	30	Pass
NVNT	g	2462	Ant1	7.349	30	Pass
NVNT	n20	2412	Ant1	8.349	30	Pass
NVNT	n20	2437	Ant1	7.472	30	Pass
NVNT	n20	2462	Ant1	7.292	30	Pass
NVNT	n40	2422	Ant1	7.485	30	Pass
NVNT	n40	2437	Ant1	6.821	30	Pass
NVNT	n40	2452	Ant1	6.879	30	Pass

Power NVNT b 2412MHz Ant1

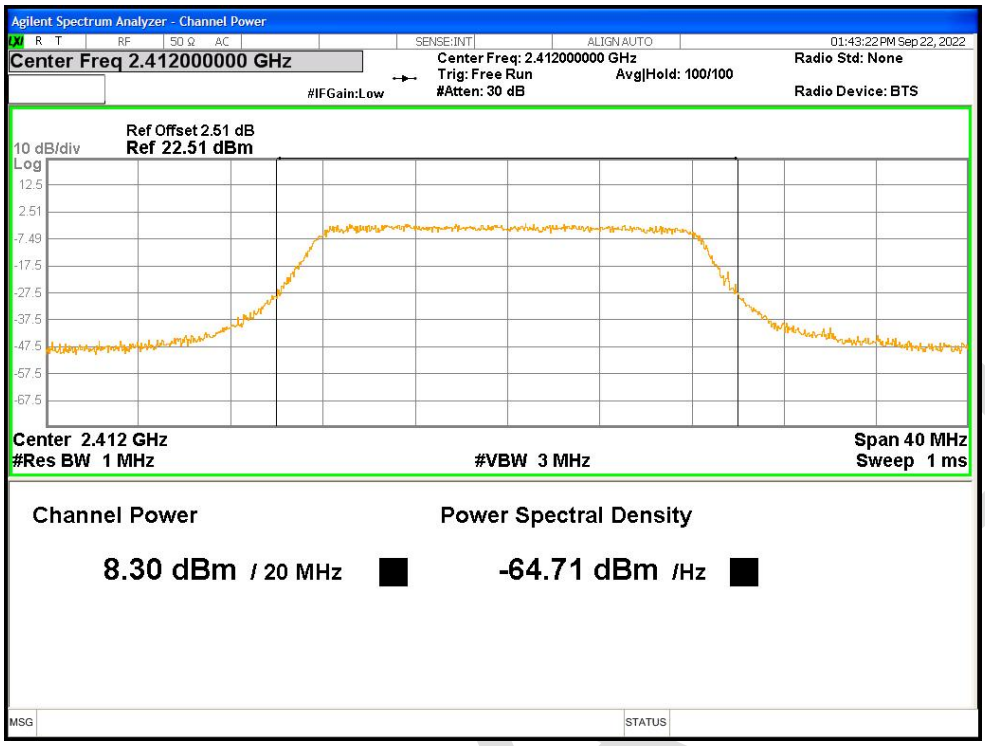


Power NVNT b 2437MHz Ant1

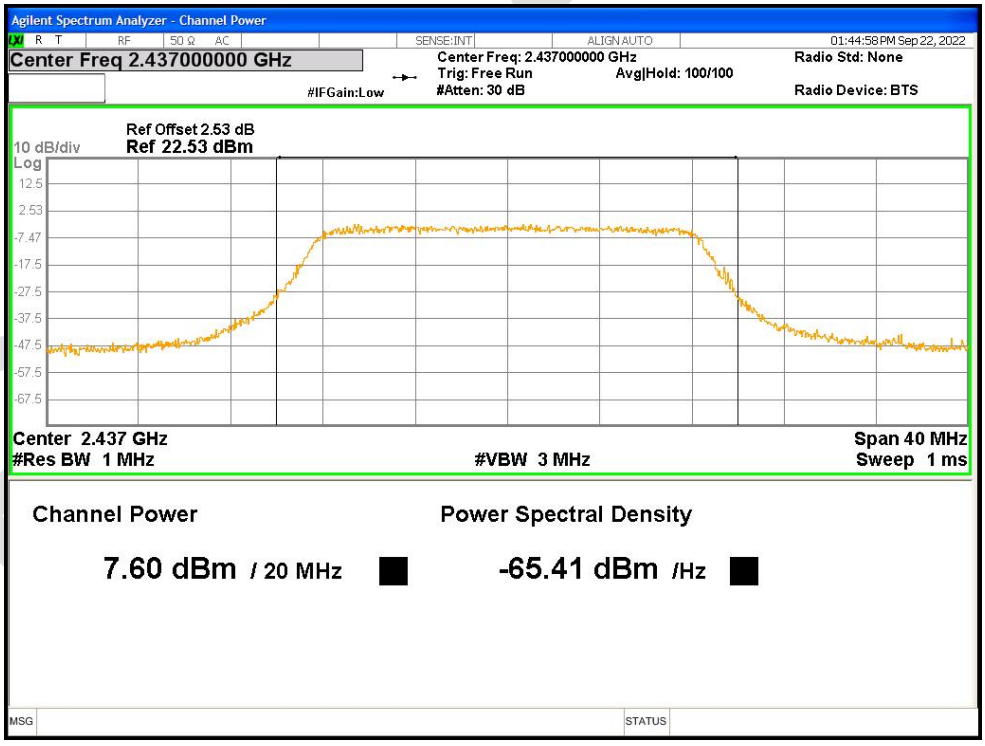
Power NVNT b 2462MHz Ant1



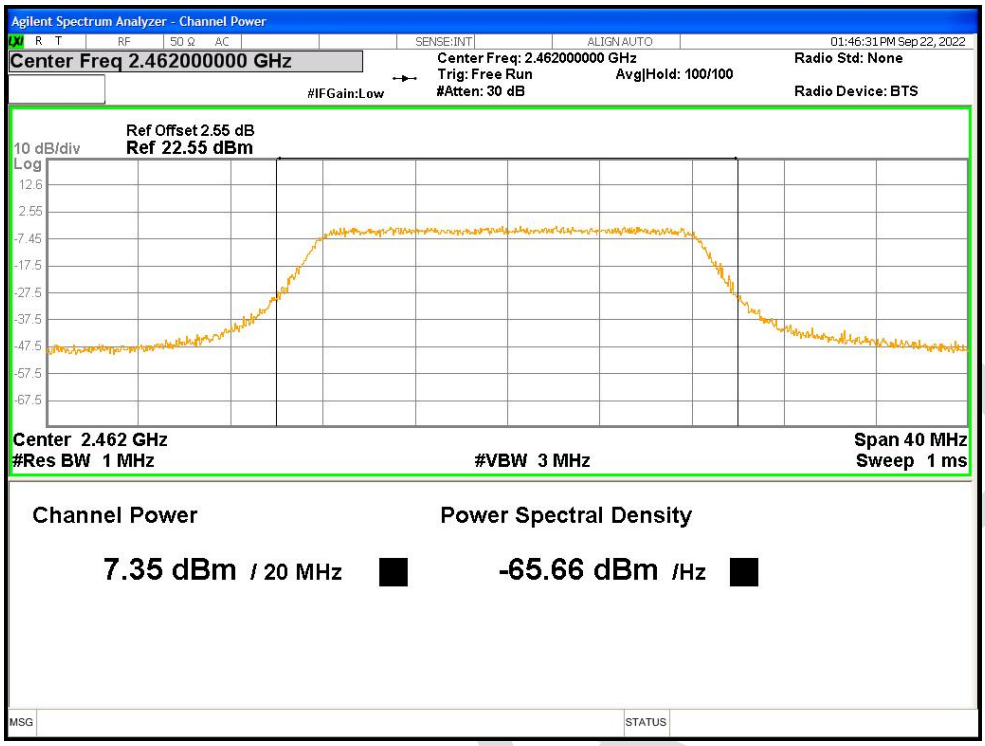
Power NVNT g 2412MHz Ant1



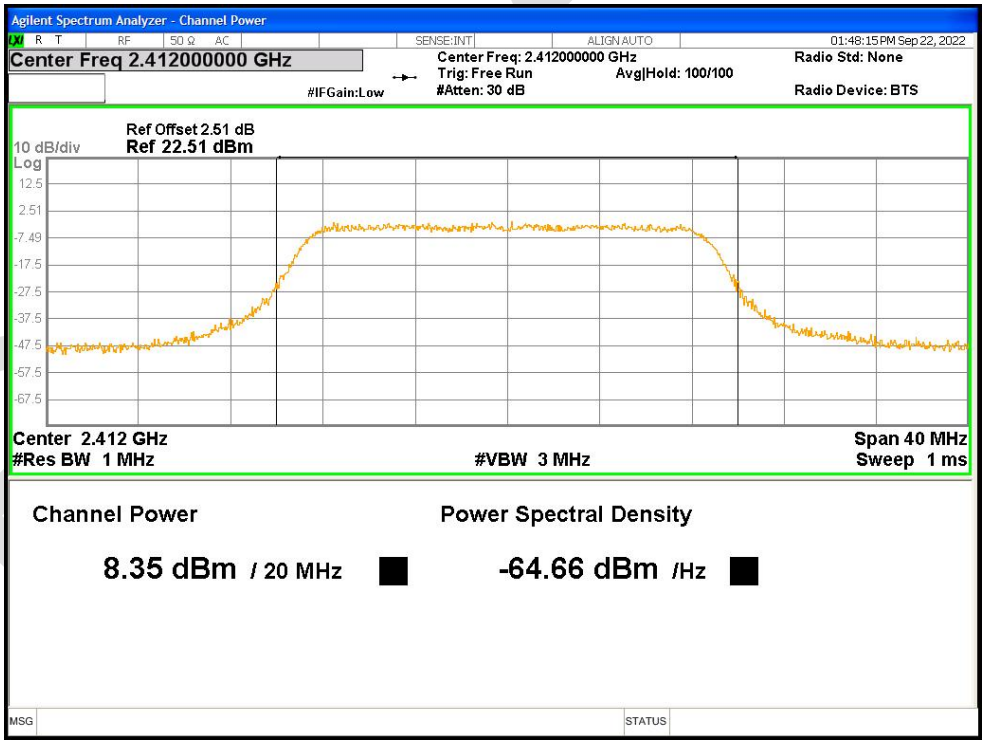
Power NVNT g 2437MHz Ant1



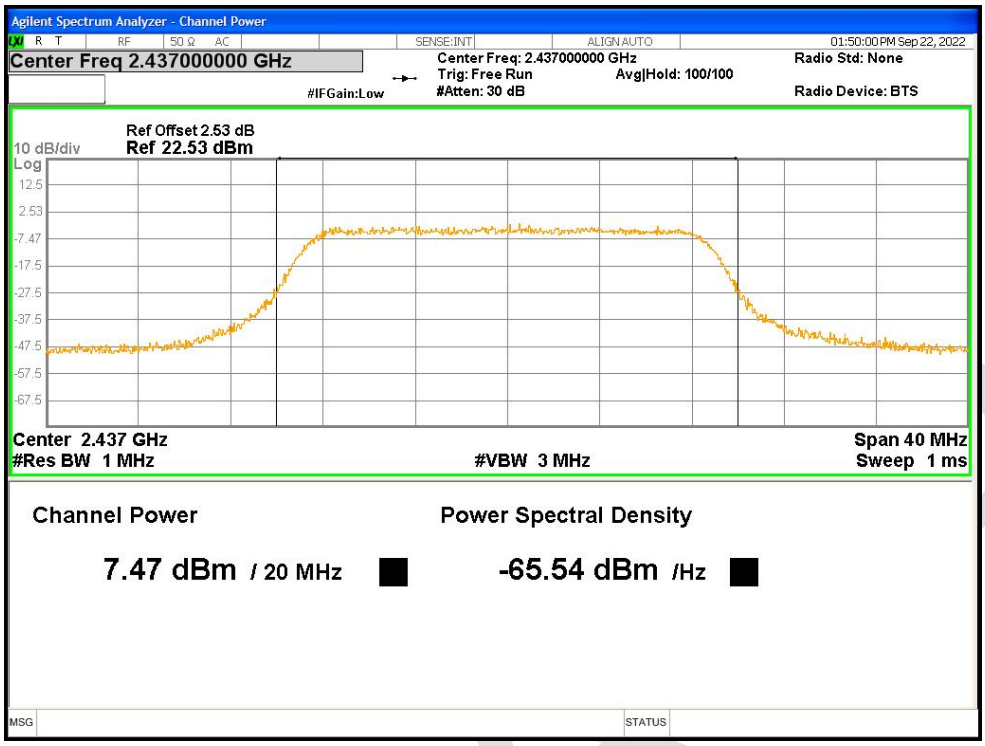
Power NVNT g 2462MHz Ant1



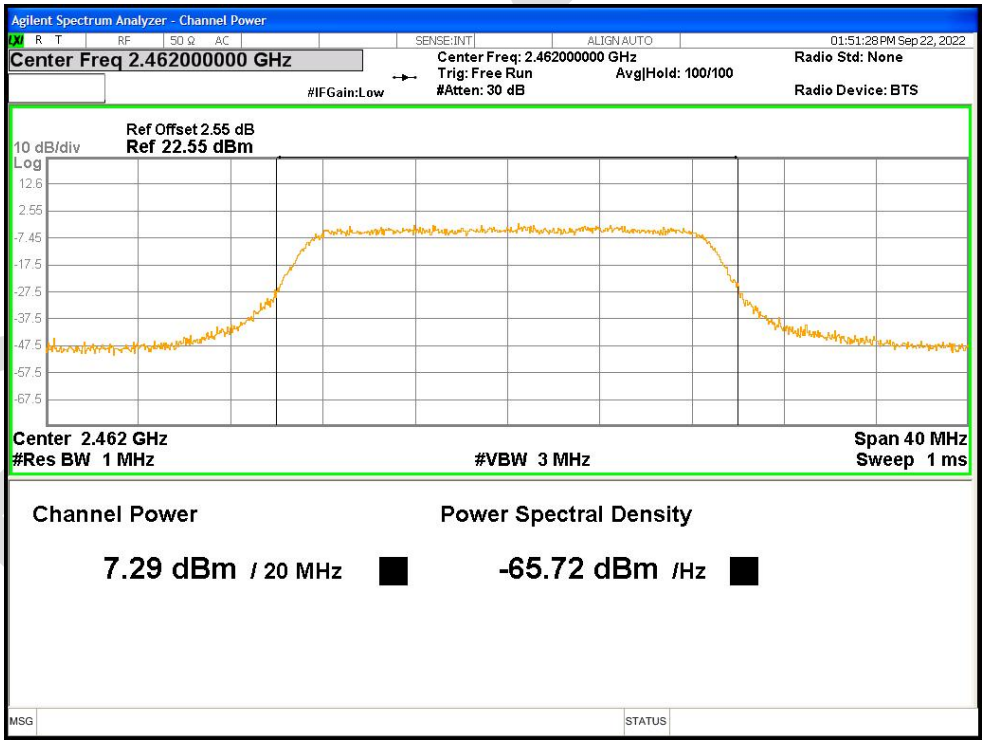
Power NVNT n20 2412MHz Ant1



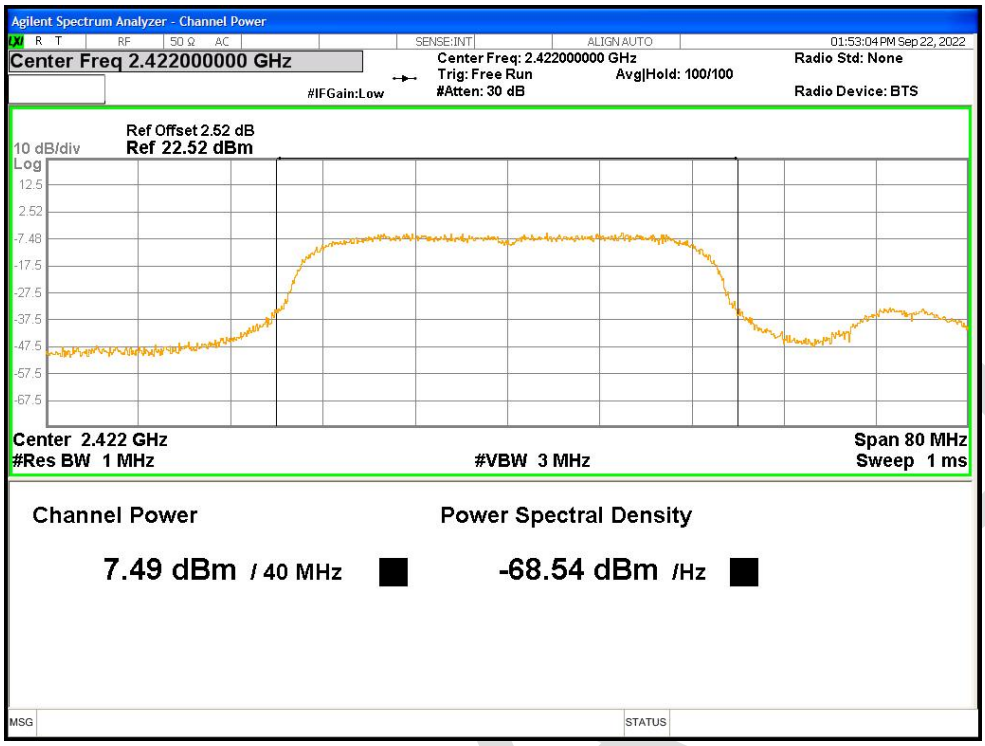
Power NVNT n20 2437MHz Ant1



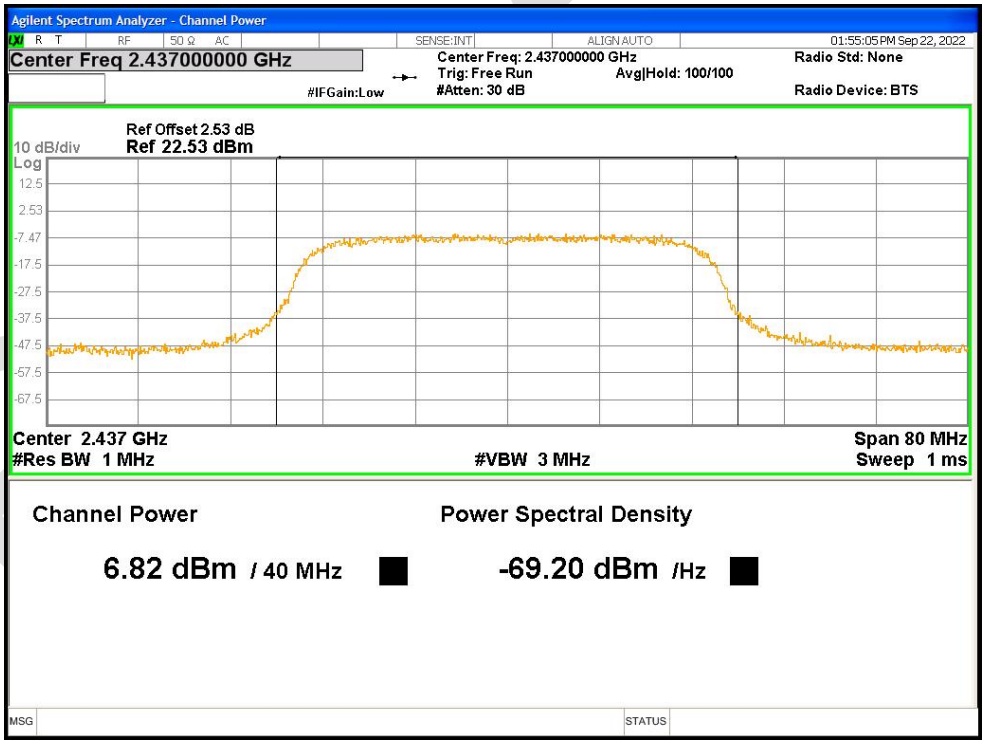
Power NVNT n20 2462MHz Ant1



Power NVNT n40 2422MHz Ant1



Power NVNT n40 2437MHz Ant1



Power NVNT n40 2452MHz Ant1