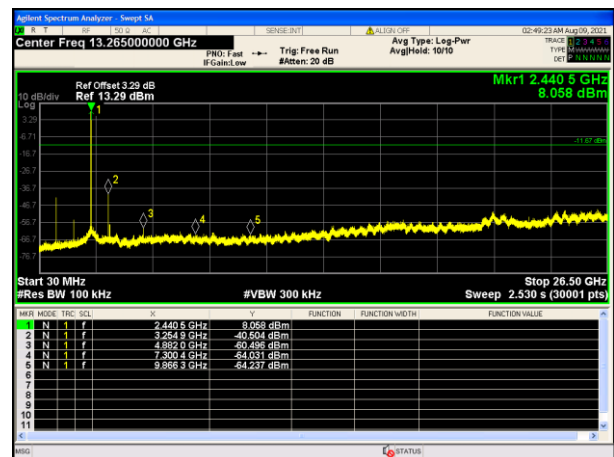
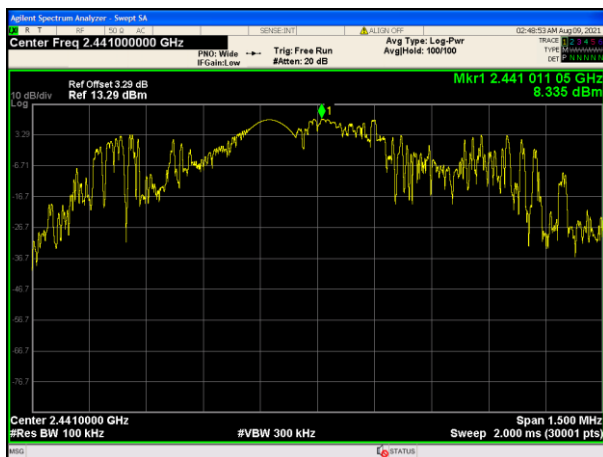
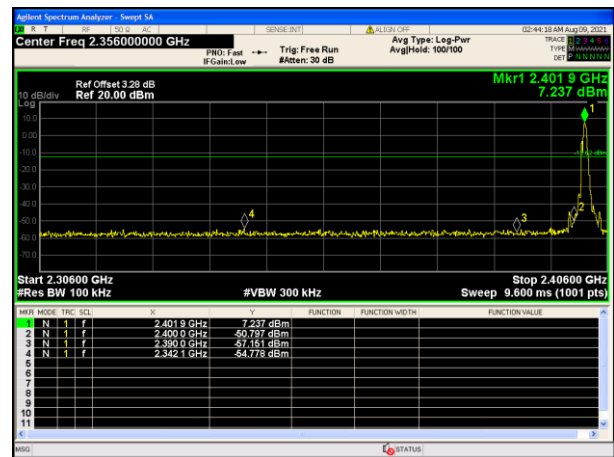
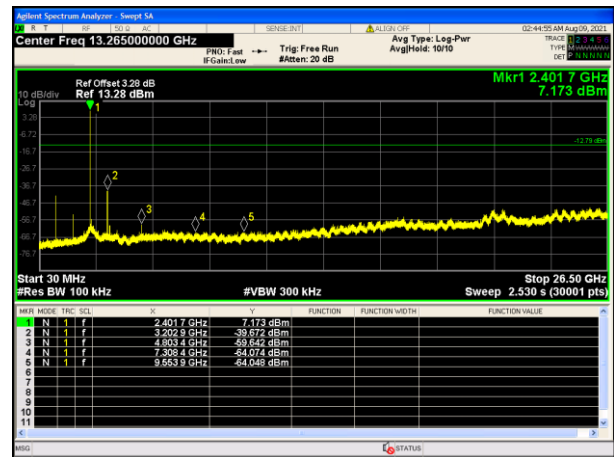
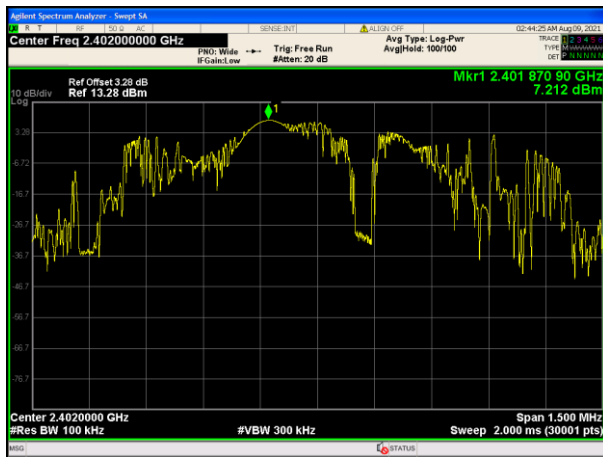
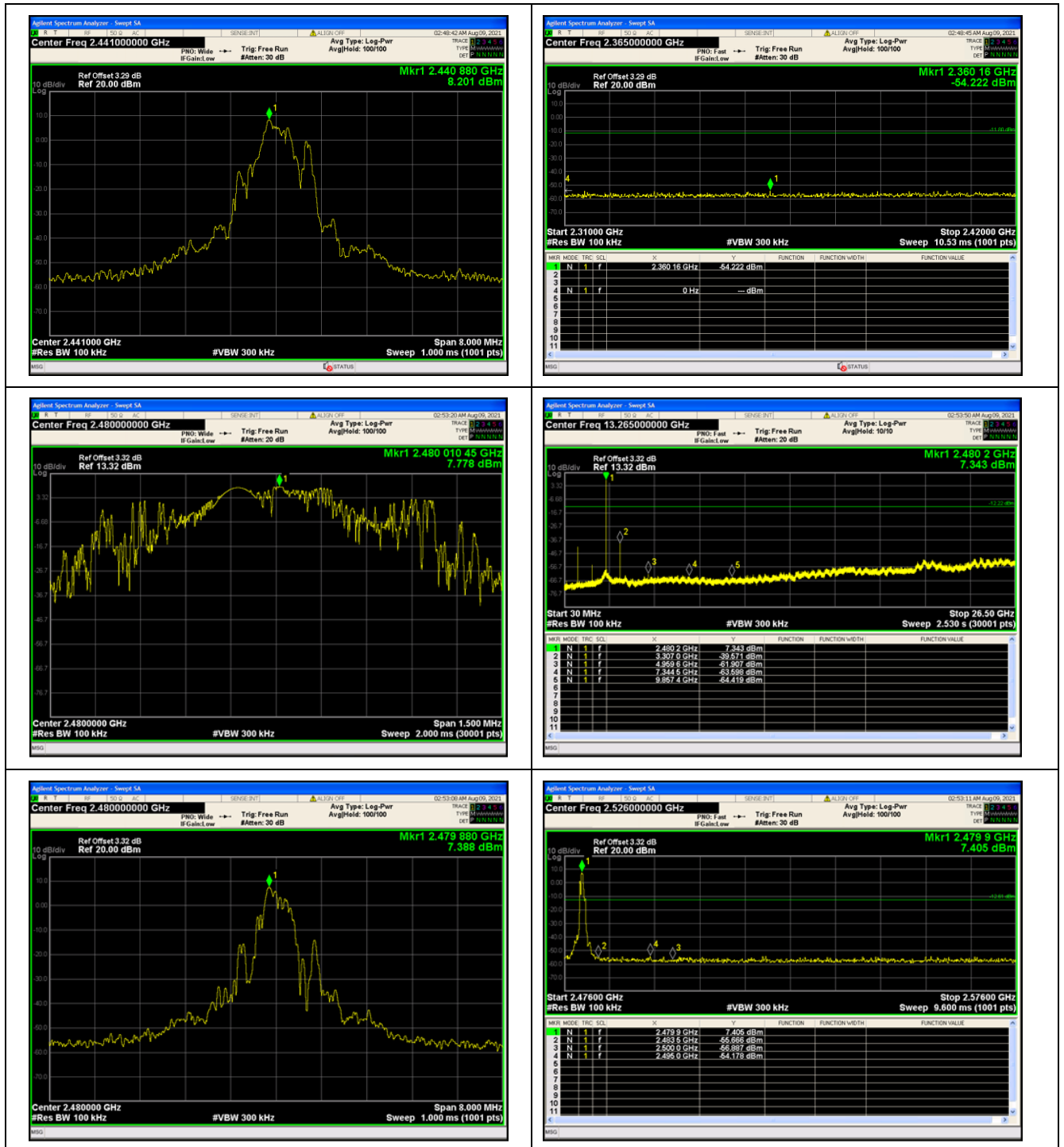


2Mbps(Pi/4 DQPSK_DH5)

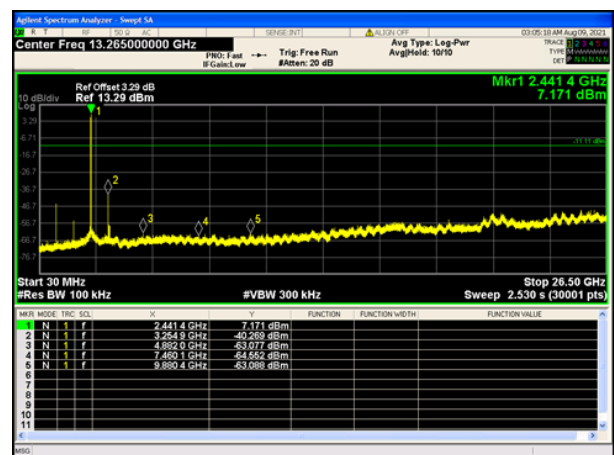
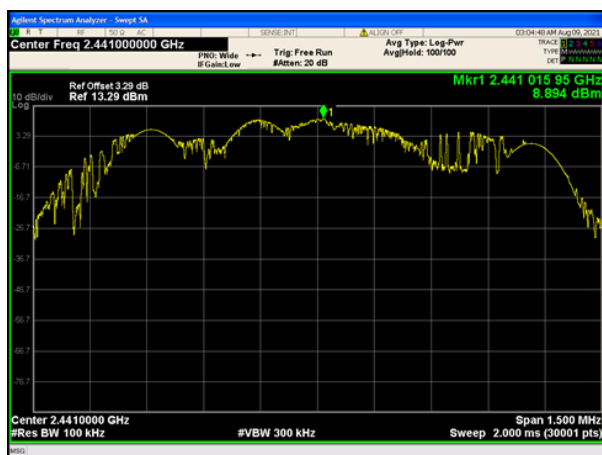
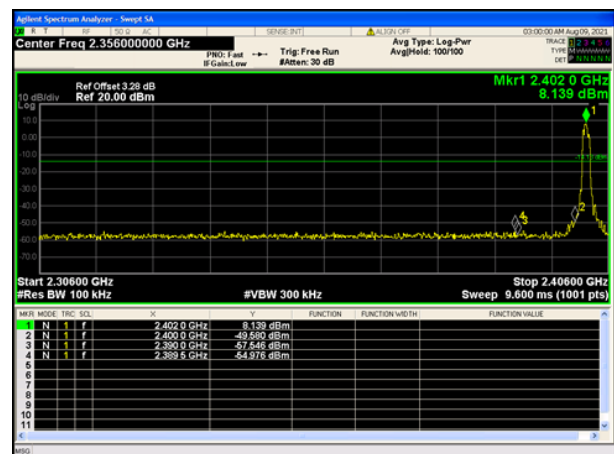
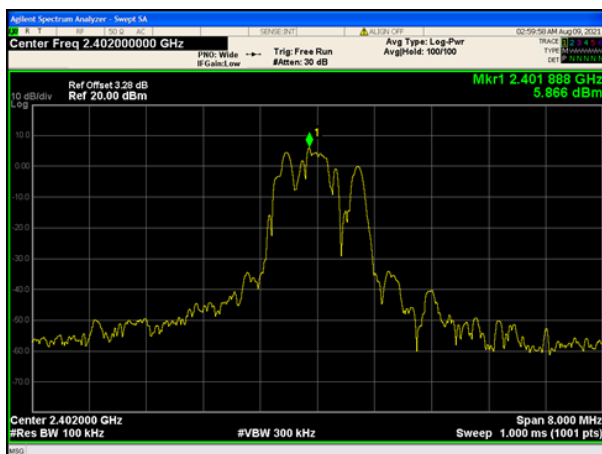
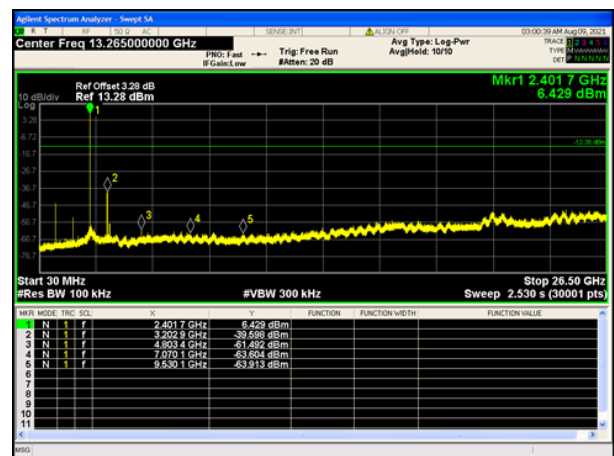
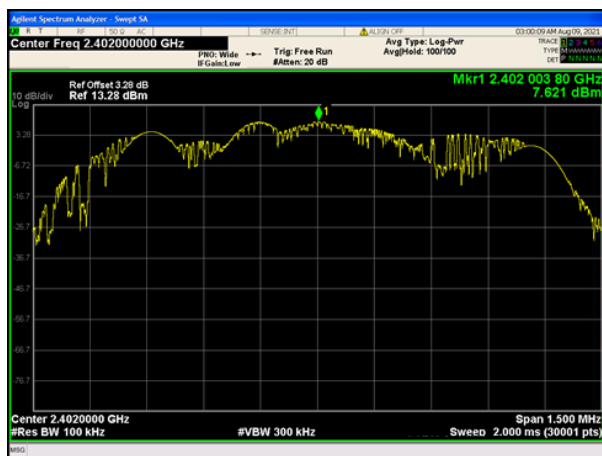


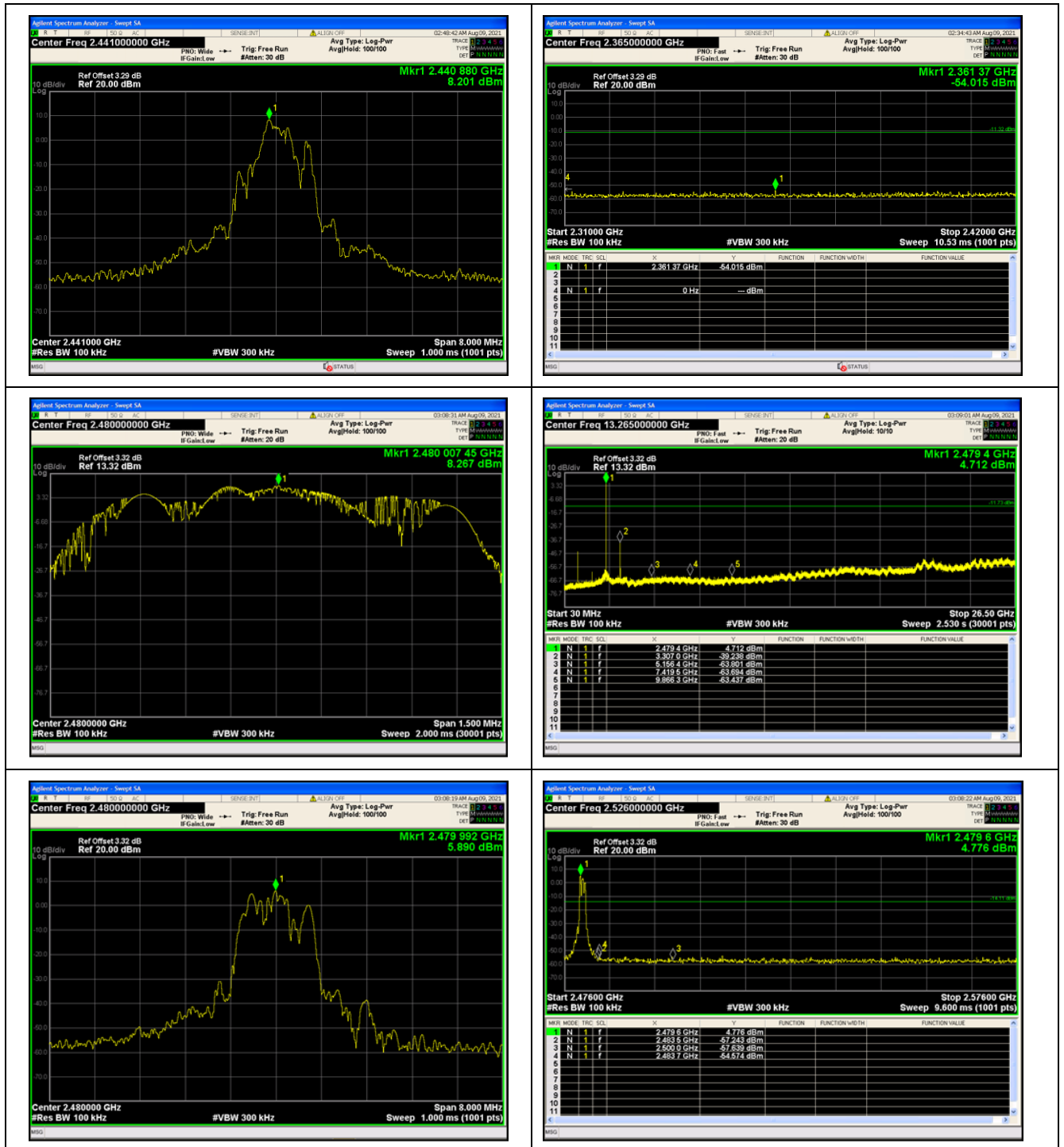


Product Name	:	Massage Chair	Power	:	120V/60Hz
Test Mode	:	Mode 3: Transmit -3Mbps(8DPSK_DH1)	Test Site	:	Test Room#1
Test Date	:	2021.08.09	Test Engineer	:	Heaven

Mode	Channel	Test Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Result
Mode 3: Transmit -3Mbps(8DPSK_DH1)	00	2402	-47.21	-20	Pass
	39	2441	-49.15	-20	Pass
	78	2480	-47.50	-20	Pass

3Mbps(8QPSK_DH1)

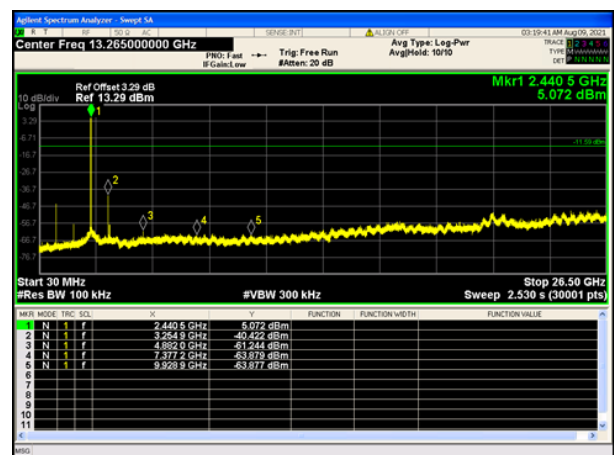
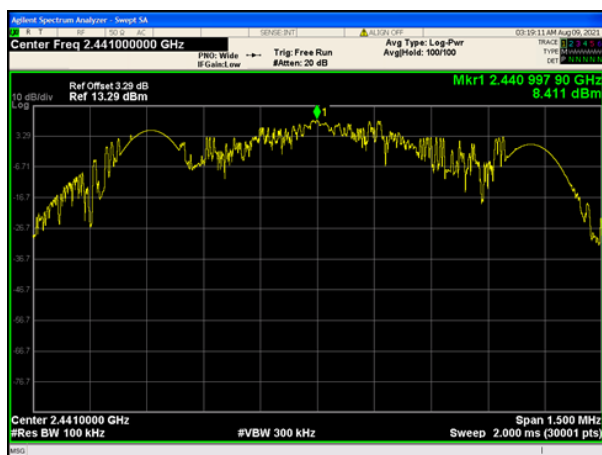
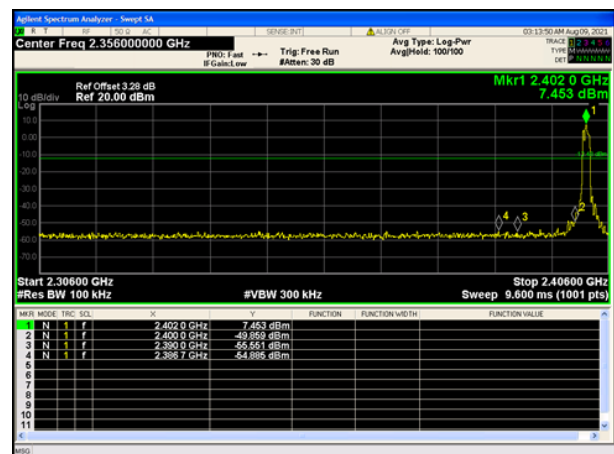
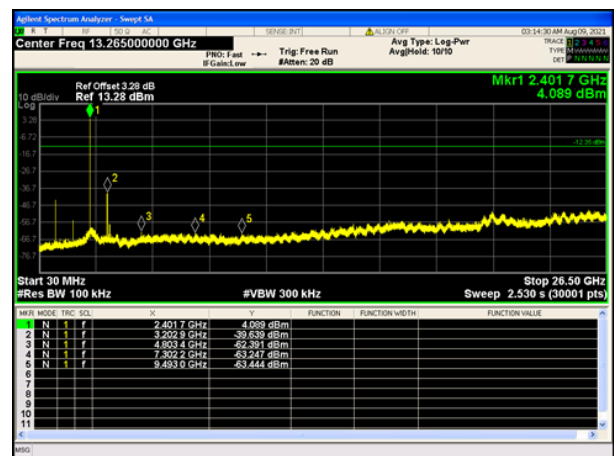
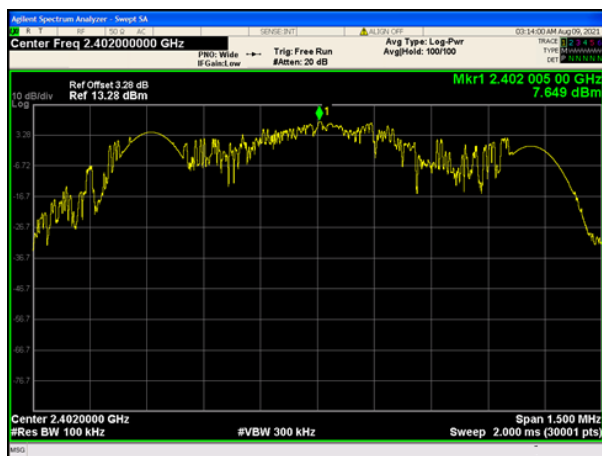


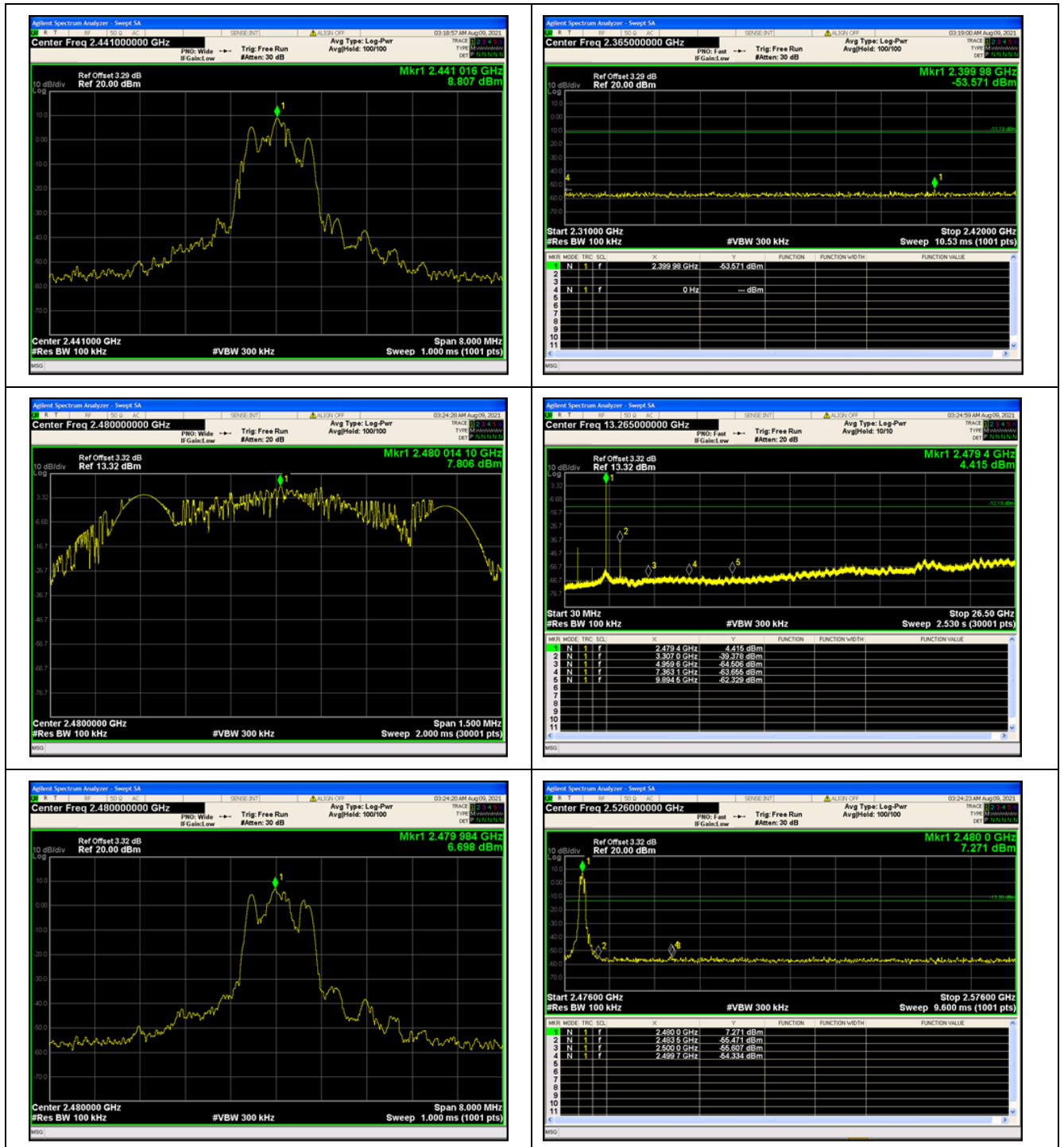


Product Name	:	Massage Chair	Power	:	120V/60Hz
Test Mode	:	Mode 3: Transmit -3Mbps(8DPSK_DH3)	Test Site	:	Test Room#1
Test Date	:	2021.08.09	Test Engineer	:	Heaven

Mode	Channel	Test Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Result
Mode 3: Transmit -3Mbps(8DPSK_DH3)	00	2402	-47.28	-20	Pass
	39	2441	-48.83	-20	Pass
	78	2480	-47.18	-20	Pass

3Mbps(8QPSK_DH3)

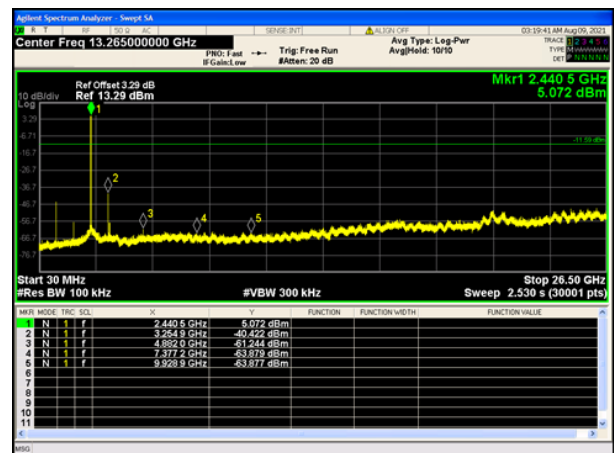
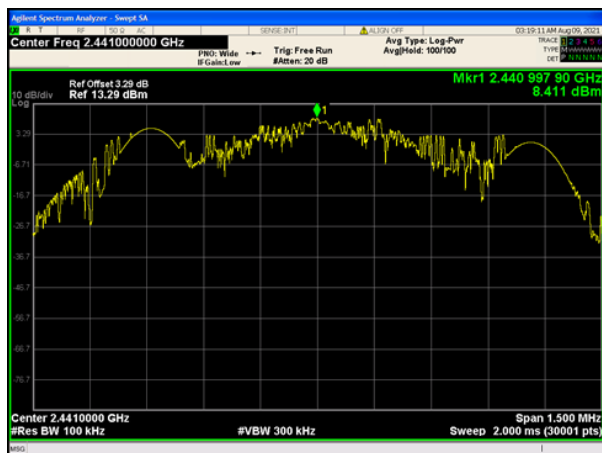
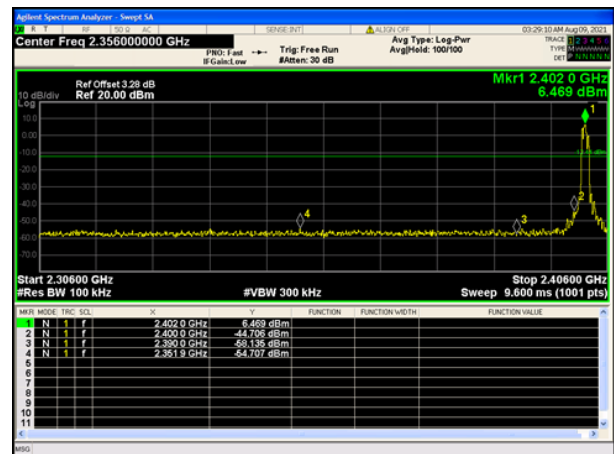
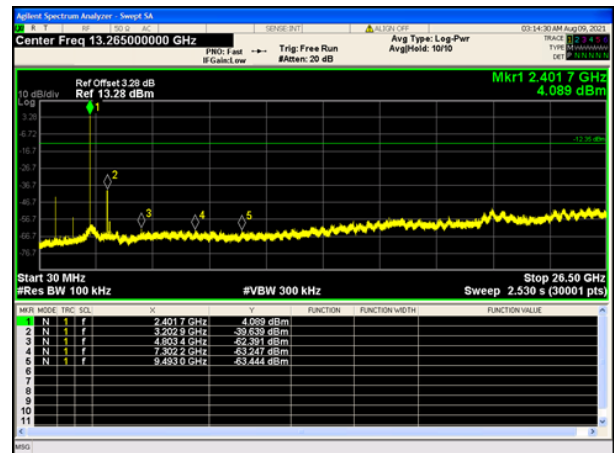
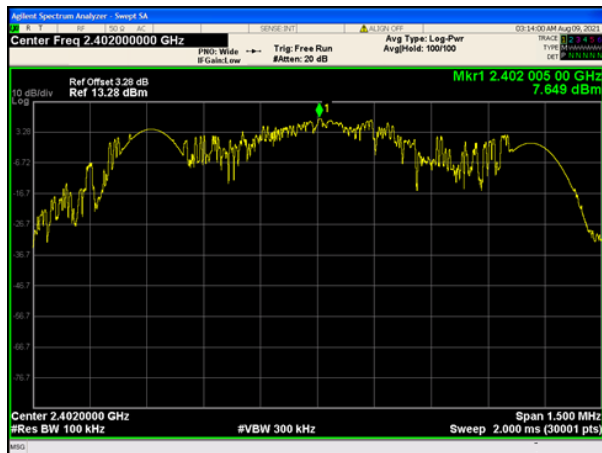


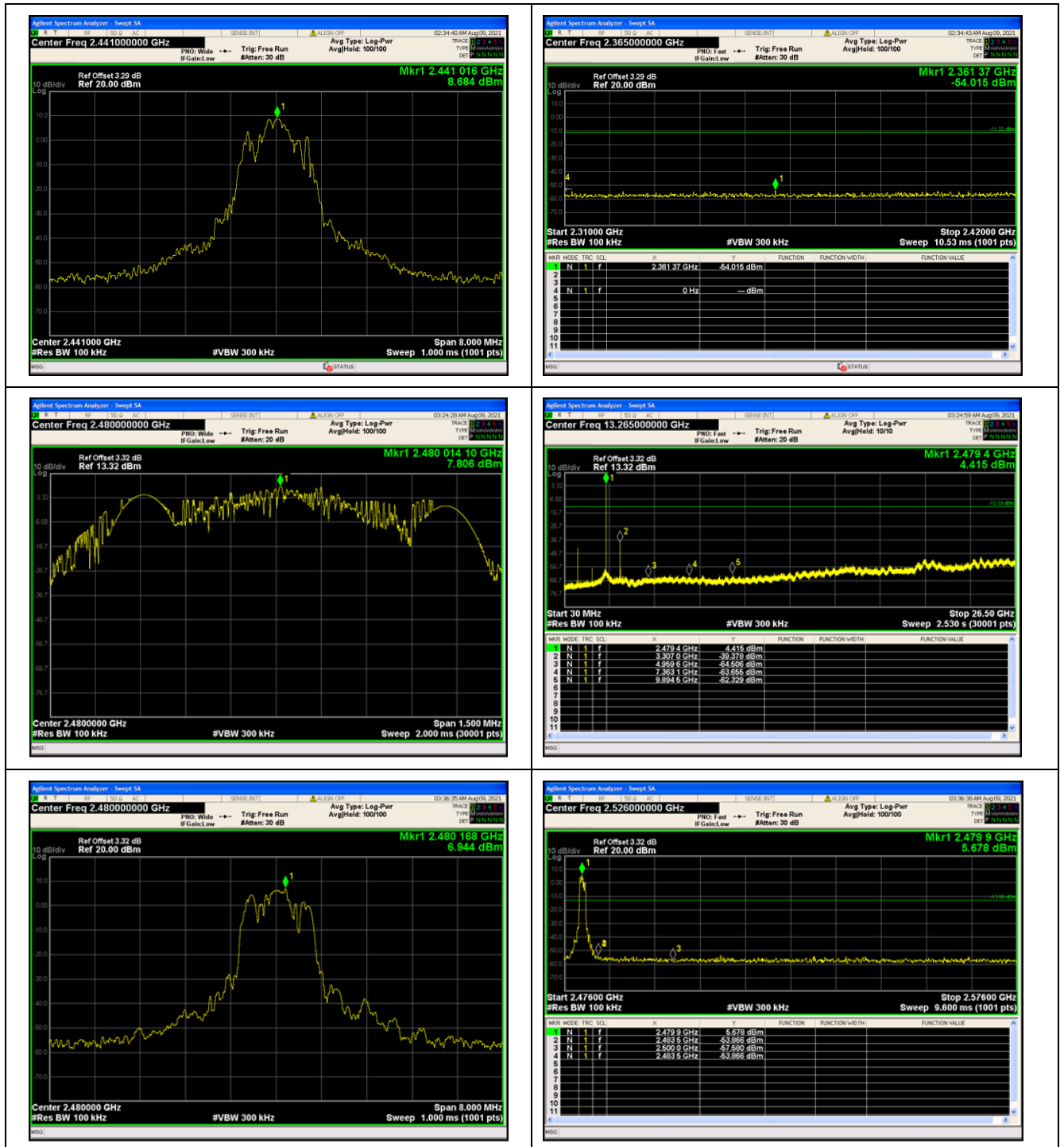


Product Name	:	Massage Chair	Power	:	120V/60Hz
Test Mode	:	Mode 3: Transmit -3Mbps(8DPSK_DH5)	Test Site	:	Test Room#1
Test Date	:	2021.08.09	Test Engineer	:	Heaven

Mode	Channel	Test Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Result
Mode 3: Transmit -3Mbps(8DPSK_DH5)	00	2402	-47.28	-20	Pass
	39	2441	-48.83	-20	Pass
	78	2480	-47.18	-20	Pass

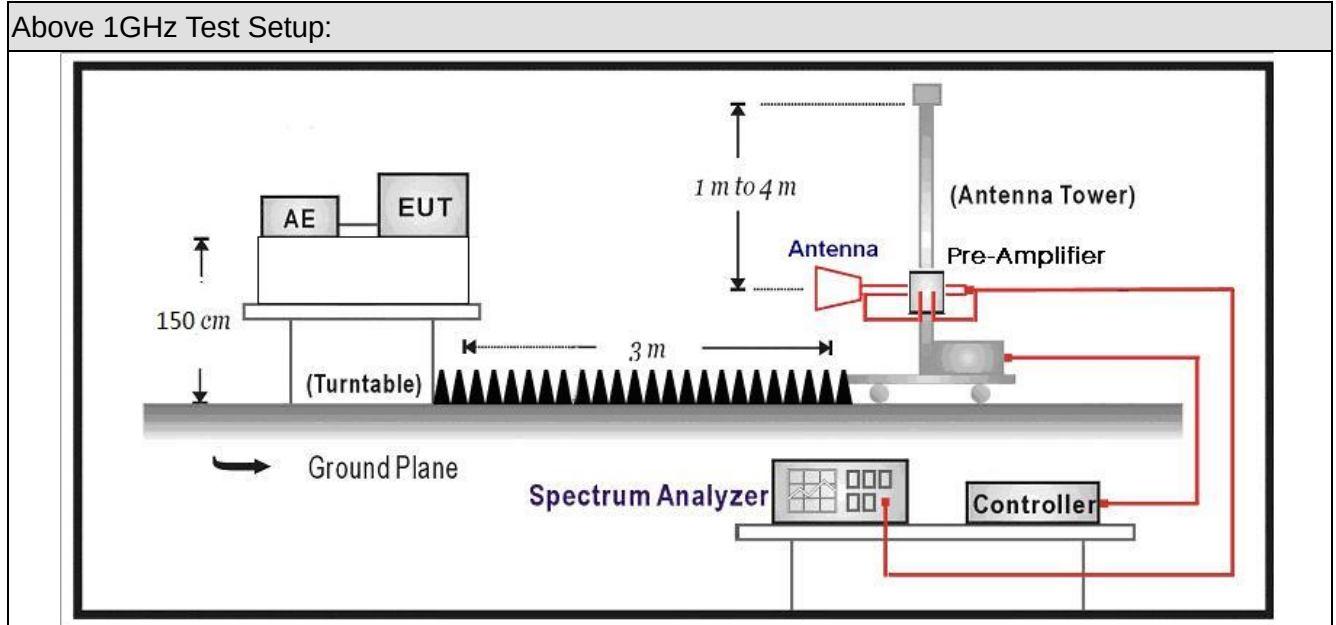
3Mbps(8QPSK_DH5)





11. Radiated Emission Band Edge

11.1. Test Setup



11.2. Limit

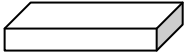
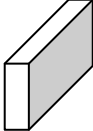
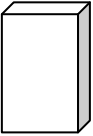
Band edge Limit				
Frequency bands (MHz)	Detector	Limit (dB μ V/m)	RBW (MHz)	Distance (m)
2310-2390	PK	74	1	3
2483.5-2500	AV	54	1	3

Note: The field strength of emissions appearing within these frequency bands shall not exceed the limits.

11.3. Test Procedure

Test Method			
	References Rule	Chapter	Description
☒	DA 00-705	N/A	duty cycle correction factor
☒	ANSI C63.10	6.10	Band-edge testing
	☒ ANSI C63.10	6.10.5	Restricted-band band-edge measurements
	☐ ANSI C63.10	6.10.6	Marker-delta method
☐	ANSI C63.10	6.4	Radiated emissions from unlicensed wireless devices below 30 MHz
☐	ANSI C63.10	6.5	Radiated emissions from unlicensed wireless devices in the frequency range of 30 MHz to 1000 MHz
☒	ANSI C63.10	6.6	Radiated emissions from unlicensed wireless devices above 1 GHz

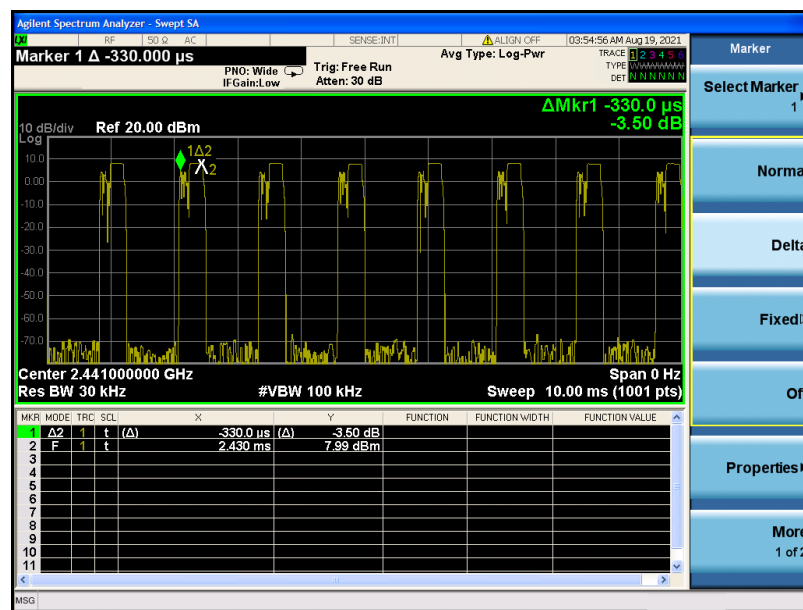
11.4. EUT test definition

Item	Radiated Emission Band Edge			
Device Category	☐	Fixed point-to-point		
	☐	Emit multiple directional beams, simultaneously or sequentially		
	☒	Other cases		
Test mode	Mode 1			
Test method	☒	Radiated		
		X Axis	Y Axis	Z Axis
				
		Worst Axis ☒	Worst Axis ☐	Worst Axis ☐
	☐	Conducted		
	☐	Chain 0		
				
	☐	Chain 0	Chain 1	
				
	☐	Chain 0	Chain 1	Chain 2
				

11.5. Duty Cycle

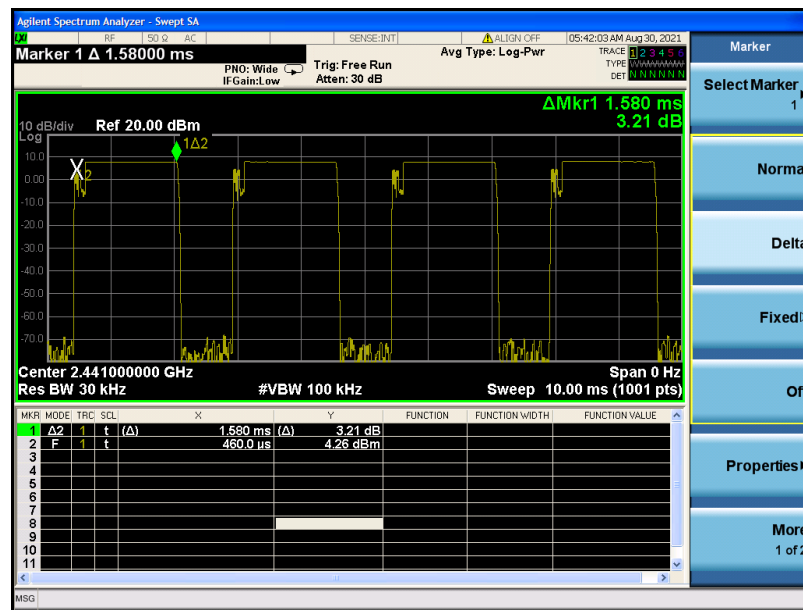
For DH1, the duty cycle is as below:

Pulse Time (ms)	Pulse Number in 10ms	Accumulated Transmit Time in 100ms (ms)	Duty Factor (dB)
0.33	8	26.4	-11.6



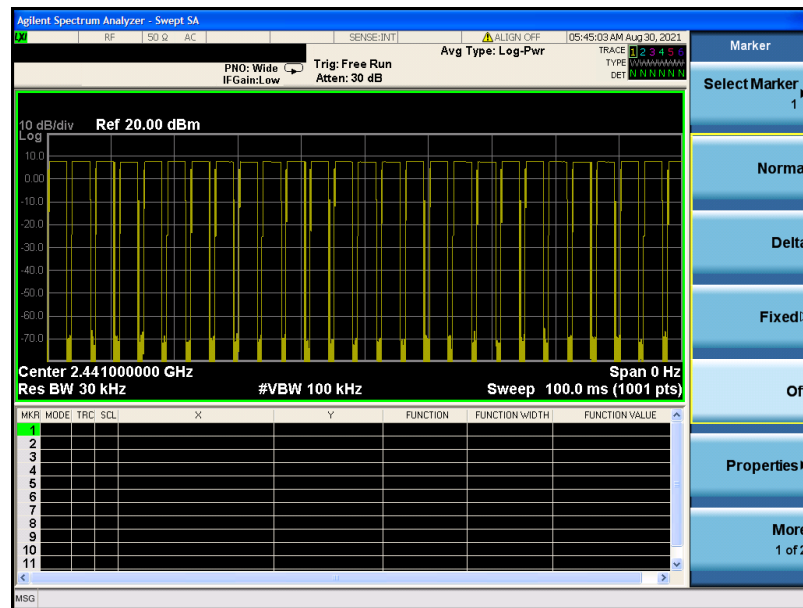
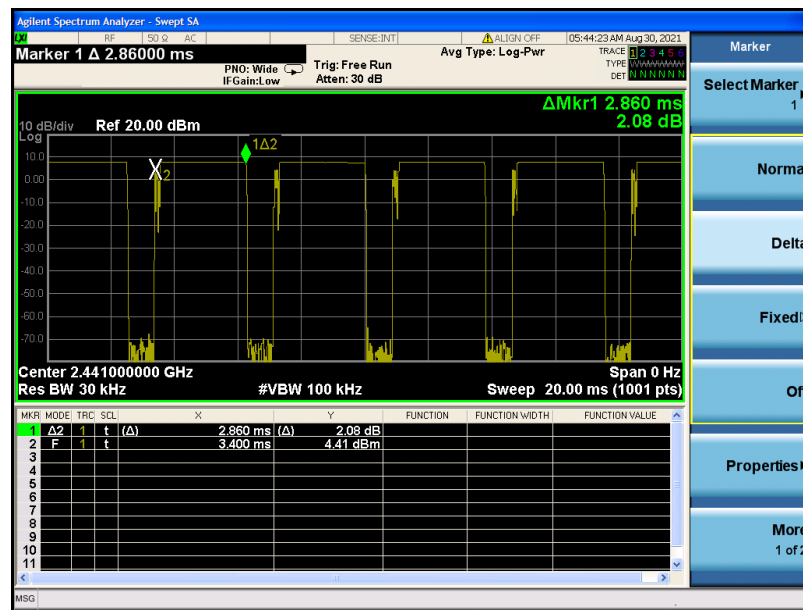
For DH3, the duty cycle is as below:

Pulse Time (ms)	Pulse Number in 10ms	Accumulated Transmit Time in 100ms (ms)	Duty Factor (dB)
1.58	4	63.2	-4.0



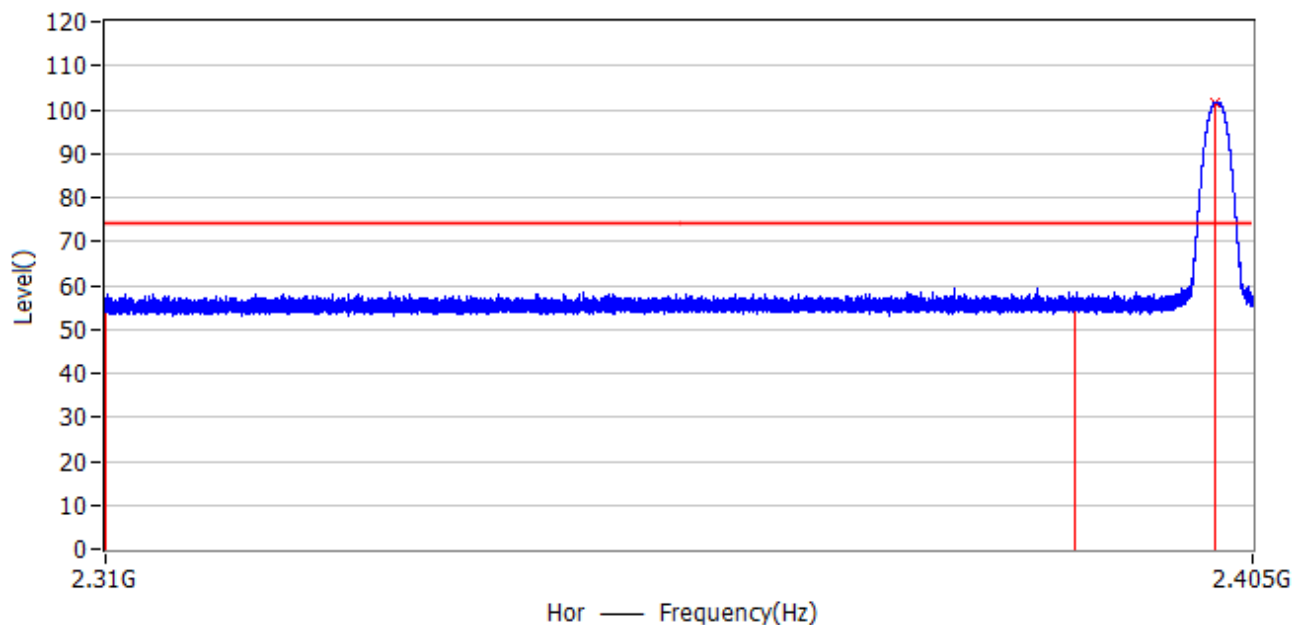
For DH5, the duty cycle is as below:

Pulse Time (ms)	Pulse Number in 100ms	Accumulated Transmit Time in 100ms (ms)	Duty Factor (dB)
2.86	27	77.22	-2.2



11.6. Test Result

Product Name	: Massage Chair	Power	: 120V/60Hz
Test Mode	: Mode 1: Transmit-1Mbps(GFSK_DH1)	Test Site	: Chamber
Test Date	: 2021.08.11	Test Engineer	: Heaven
Polarization	: Horizontal	Low Frequency	: 2402MHz



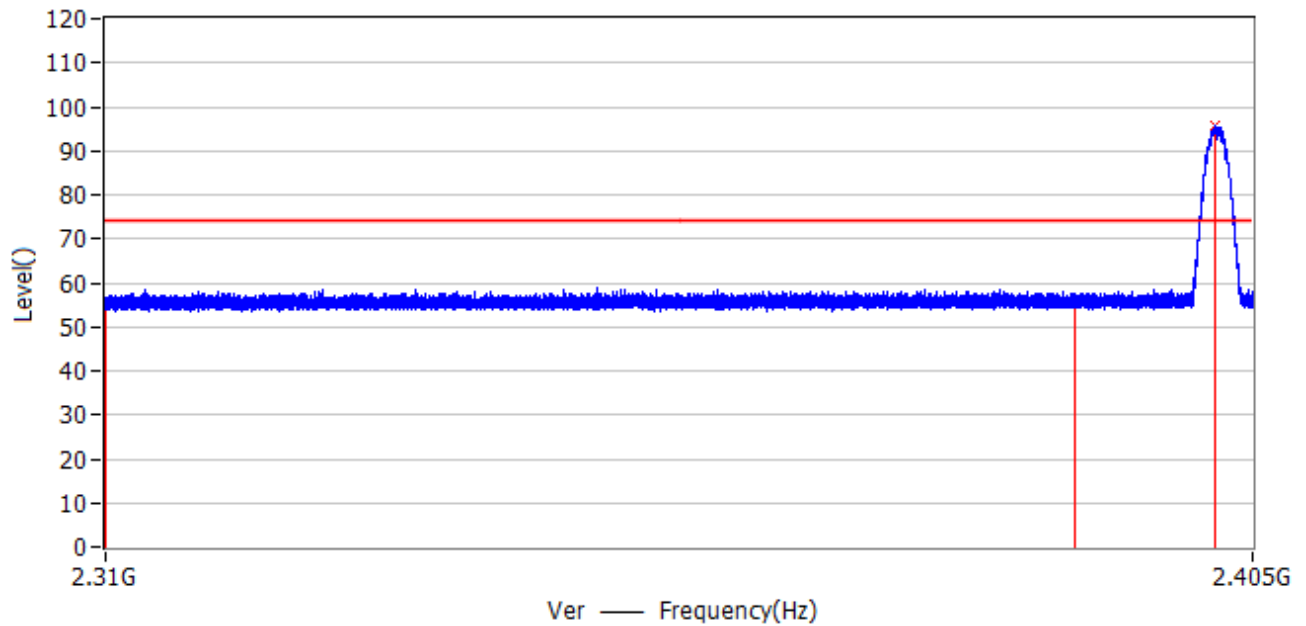
No.	Frequency (GHz)	Limit (dBμV/m)	Level (dBμV/m)	Delta dB	Factor dB	Detector	Polar
1	2.310 GHz	74.0	55.4	-18.6	30.0	PK	Hor
2	2.390 GHz	74.0	55.6	-18.4	30.2	PK	Hor
3	2.402 GHz	N/A	101.7	N/A	30.3	PK	Hor

No.	Frequency (GHz)	PK Level (dBμV/m)	AV Level (dBμV/m)	Delta dB	Limit (dBμV/m)	Factor dB	Polar
1	2.310 GHz	55.4	43.8	-10.2	54.0	-11.6	Hor
2	2.390 GHz	55.6	44.0	-10.0	54.0	-11.6	Hor
3	2.402 GHz	101.7	90.1	N/A	N/A	-11.6	Hor

Note: Level = Reading Level + Factor

Factor = Antenna factor + Cable Loss

Product Name	: Massage Chair	Power	: 120V/60Hz
Test Mode	: Mode 1: Transmit-1Mbps(GFSK_DH1)	Test Site	: Chamber
Test Date	: 2021.08.11	Test Engineer	: Heaven
Polarization	: Vertical	Low Frequency	: 2402MHz



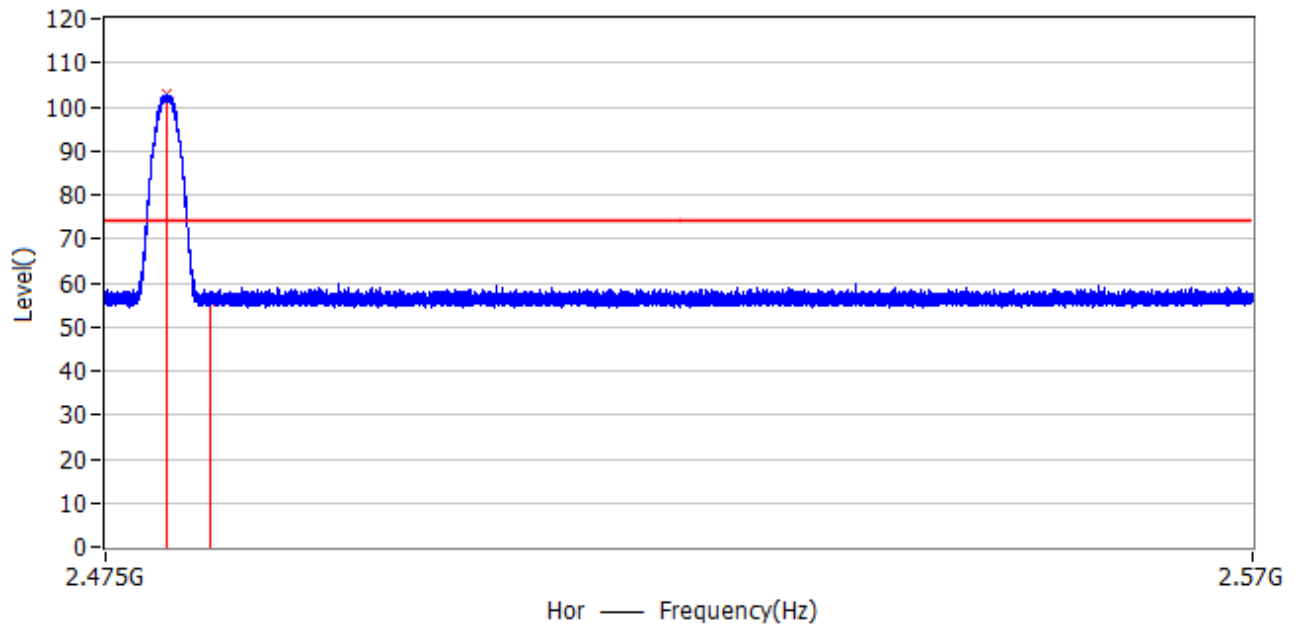
No.	Frequency (GHz)	Limit (dBμV/m)	Level (dBμV/m)	Delta dB	Factor dB	Detector	Polar
1	2.310 GHz	74.0	55.9	-18.1	30.0	PK	Ver
2	2.390 GHz	74.0	56.2	-17.8	30.2	PK	Ver
3	2.402 GHz	N/A	95.6	N/A	30.3	PK	Ver

No.	Frequency (GHz)	PK Level (dBμV/m)	AV Level (dBμV/m)	Delta dB	Limit (dBμV/m)	Factor dB	Polar
1	2.310 GHz	55.9	44.3	-9.7	54.0	-11.6	Ver
2	2.390 GHz	56.2	44.6	-9.4	54.0	-11.6	Ver
3	2.402 GHz	95.6	84.0	N/A	N/A	-11.6	Ver

Note: Level = Reading Level + Factor

Factor = Antenna factor + Cable Loss

Product Name	: Massage Chair	Power	: 120V/60Hz
Test Mode	: Mode 1: Transmit-1Mbps(GFSK_DH1)	Test Site	: Chamber
Test Date	: 2021.08.11	Test Engineer	: Heaven
Polarization	: Horizontal	High Frequency	: 2480MHz



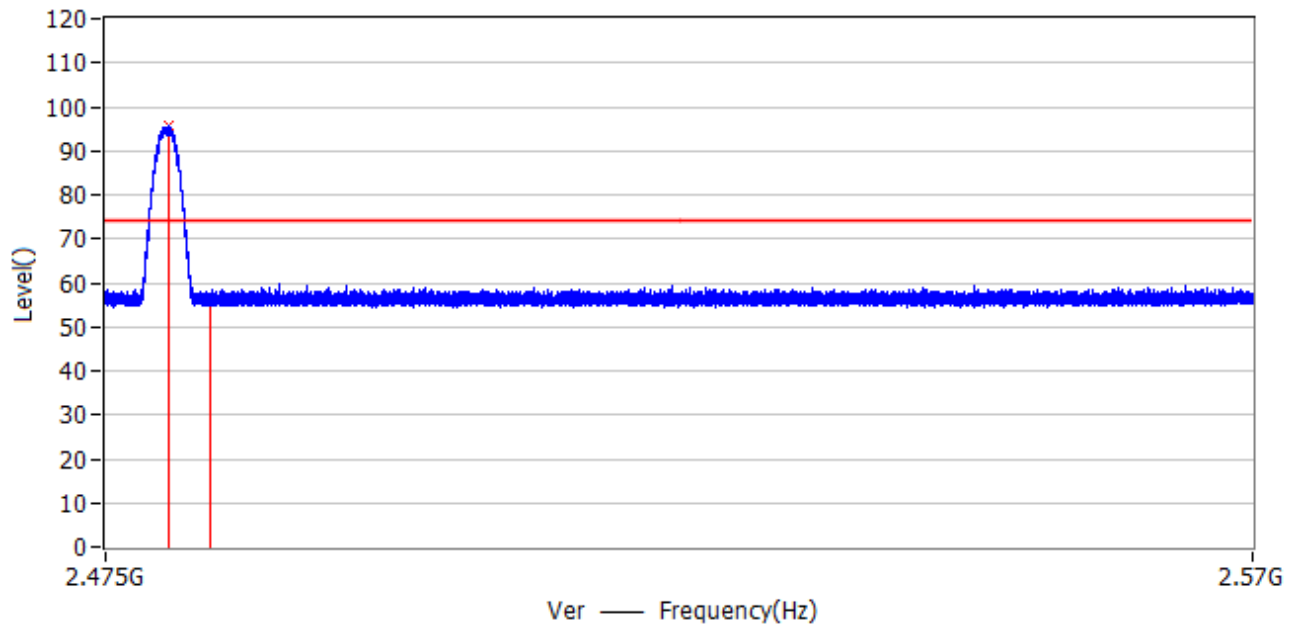
No.	Frequency (GHz)	Limit (dBμV/m)	Level (dBμV/m)	Delta dB	Factor dB	Detector	Polar
1	2.480 GHz	N/A	103.0	N/A	30.5	PK	Hor
2	2.4835 GHz	74.0	55.7	-18.3	30.5	PK	Hor

No.	Frequency (GHz)	PK Level (dBμV/m)	AV Level (dBμV/m)	Delta dB	Limit (dBμV/m)	Factor dB	Polar
1	2.480 GHz	103.0	91.4	N/A	N/A	-11.6	Hor
2	2.4835 GHz	55.7	44.1	-9.9	54.0	-11.6	Hor

Note: Level = Reading Level + Factor

Factor = Antenna factor + Cable Loss

Product Name	: Massage Chair	Power	: 120V/60Hz
Test Mode	: Mode 1: Transmit-1Mbps(GFSK_DH1)	Test Site	: Chamber
Test Date	: 2021.08.11	Test Engineer	: Heaven
Polarization	: Vertical	High Frequency	: 2480MHz



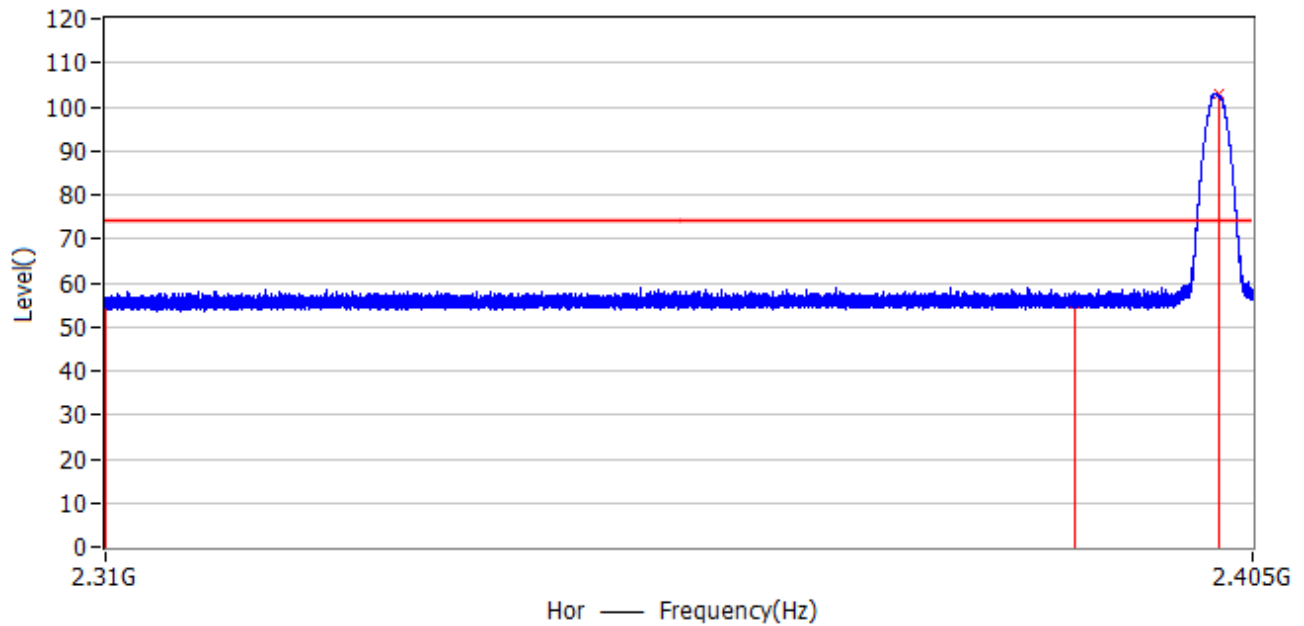
No.	Frequency (GHz)	Limit (dBμV/m)	Level (dBμV/m)	Delta dB	Factor dB	Detector	Polar
1	2.480 GHz	N/A	95.6	N/A	30.5	PK	Ver
2	2.4835 GHz	74.0	55.7	-18.3	30.5	PK	Ver

No.	Frequency (GHz)	PK Level (dBμV/m)	AV Level (dBμV/m)	Delta dB	Limit (dBμV/m)	Factor dB	Polar
1	2.480 GHz	95.6	84.0	N/A	N/A	-11.6	Ver
2	2.4835 GHz	55.7	44.1	-9.9	54.0	-11.6	Ver

Note: Level = Reading Level + Factor

Factor = Antenna factor + Cable Loss

Product Name	: Massage Chair	Power	: 120V/60Hz
Test Mode	: Mode 1: Transmit-1Mbps(GFSK_DH3)	Test Site	: Chamber
Test Date	: 2021.08.11	Test Engineer	: Heaven
Polarization	: Horizontal	Low Frequency	: 2402MHz



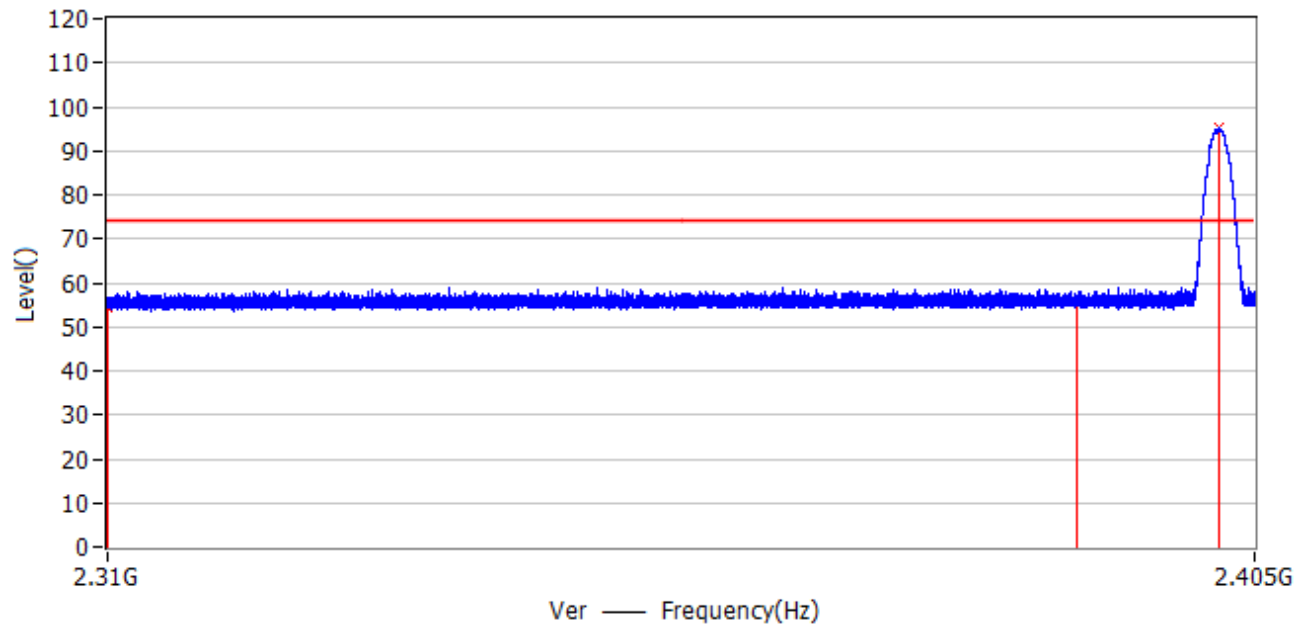
No.	Frequency (GHz)	Limit (dBμV/m)	Level (dBμV/m)	Delta dB	Factor dB	Detector	Polar
1	2.310 GHz	74.0	55.9	-18.1	30.0	PK	Hor
2	2.390 GHz	74.0	55.3	-18.7	30.2	PK	Hor
3	2.402 GHz	N/A	103.0	N/A	30.3	PK	Hor

No.	Frequency (GHz)	PK Level (dBμV/m)	AV Level (dBμV/m)	Delta dB	Limit (dBμV/m)	Factor dB	Polar
1	2.310 GHz	55.9	51.9	-2.1	54.0	-4.0	Hor
2	2.390 GHz	55.3	51.3	-2.7	54.0	-4.0	Hor
3	2.402 GHz	103.0	99.0	N/A	N/A	-4.0	Hor

Note: Level = Reading Level + Factor

Factor = Antenna factor + Cable Loss

Product Name	: Massage Chair	Power	: 120V/60Hz
Test Mode	: Mode 1: Transmit-1Mbps(GFSK_DH3)	Test Site	: Chamber
Test Date	: 2021.08.11	Test Engineer	: Heaven
Polarization	: Vertical	Low Frequency	: 2402MHz



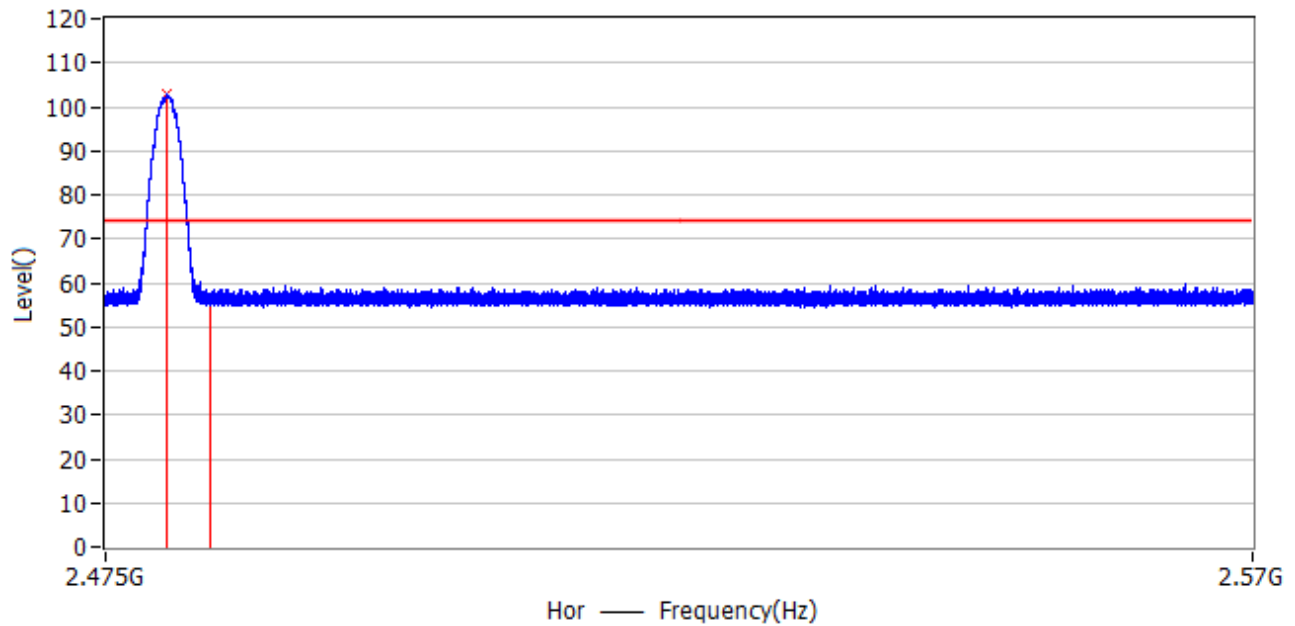
No.	Frequency (GHz)	Limit (dBμV/m)	Level (dBμV/m)	Delta dB	Factor dB	Detector	Polar
1	2.310 GHz	74.0	54.4	-19.6	30.0	PK	Ver
2	2.390 GHz	74.0	55.7	-18.3	30.2	PK	Ver
3	2.402 GHz	N/A	95.1	N/A	30.3	PK	Ver

No.	Frequency (GHz)	PK Level (dBμV/m)	AV Level (dBμV/m)	Delta dB	Limit (dBμV/m)	Factor dB	Polar
1	2.310 GHz	54.4	50.4	-3.6	54.0	-4.0	Ver
2	2.390 GHz	55.7	51.7	-2.3	54.0	-4.0	Ver
3	2.402 GHz	95.1	91.1	N/A	N/A	-4.0	Ver

Note: Level = Reading Level + Factor

Factor = Antenna factor + Cable Loss

Product Name	: Massage Chair	Power	: 120V/60Hz
Test Mode	: Mode 1: Transmit-1Mbps(GFSK_DH3)	Test Site	: Chamber
Test Date	: 2021.08.11	Test Engineer	: Heaven
Polarization	: Horizontal	High Frequency	: 2480MHz



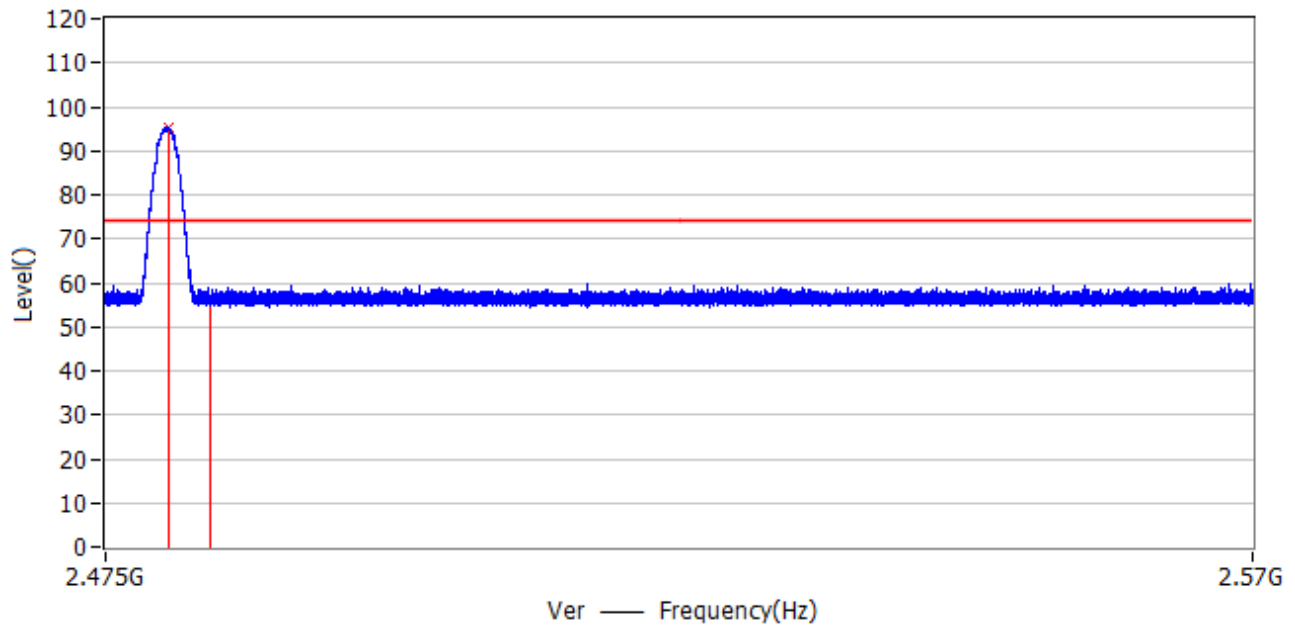
No.	Frequency (GHz)	Limit (dBμV/m)	Level (dBμV/m)	Delta dB	Factor dB	Detector	Polar
1	2.480 GHz	N/A	102.8	N/A	30.5	PK	Hor
2	2.4835 GHz	74.0	56.2	-17.8	30.5	PK	Hor

No.	Frequency (GHz)	PK Level (dBμV/m)	AV Level (dBμV/m)	Delta dB	Limit (dBμV/m)	Factor dB	Polar
1	2.480 GHz	102.8	98.8	N/A	N/A	-4.0	Hor
2	2.4835 GHz	56.2	52.2	-1.8	54.0	-4.0	Hor

Note: Level = Reading Level + Factor

Factor = Antenna factor + Cable Loss

Product Name	: Massage Chair	Power	: 120V/60Hz
Test Mode	: Mode 1: Transmit-1Mbps(GFSK_DH3)	Test Site	: Chamber
Test Date	: 2021.08.11	Test Engineer	: Heaven
Polarization	: Vertical	High Frequency	: 2480MHz



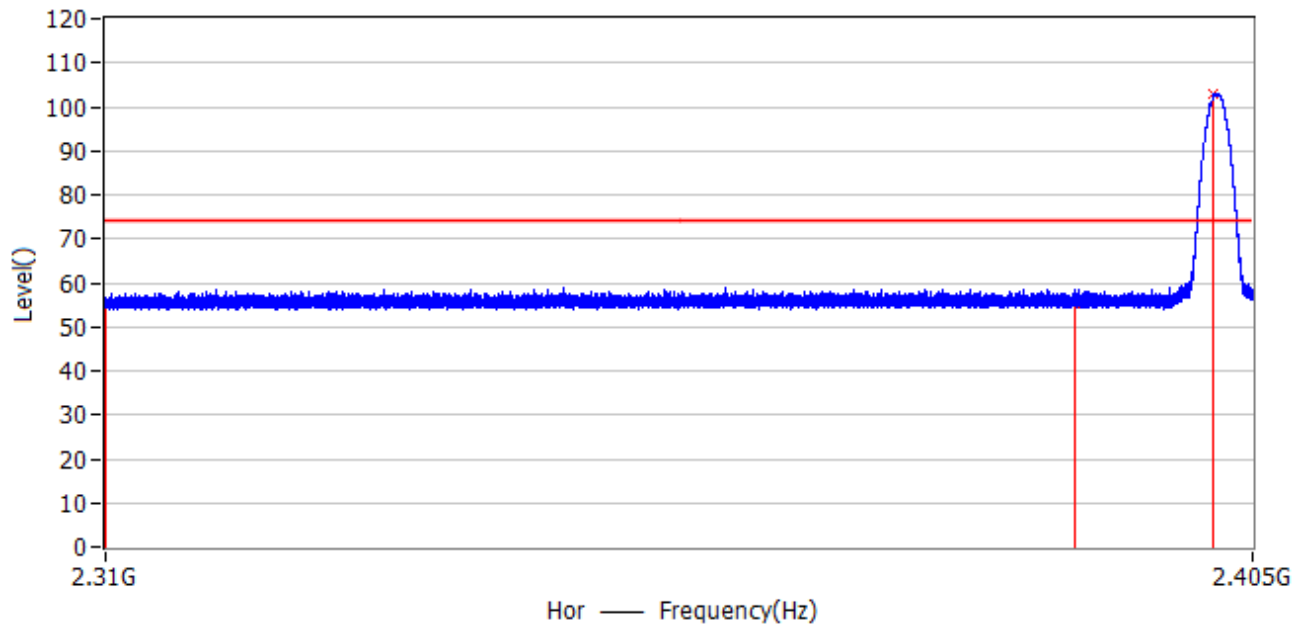
No.	Frequency (GHz)	Limit (dBμV/m)	Level (dBμV/m)	Delta dB	Factor dB	Detector	Polar
1	2.480 GHz	N/A	95.4	N/A	30.5	PK	Ver
2	2.4835 GHz	74.0	56.1	-17.9	30.5	PK	Ver

No.	Frequency (GHz)	PK Level (dBμV/m)	AV Level (dBμV/m)	Delta dB	Limit (dBμV/m)	Factor dB	Polar
1	2.480 GHz	95.4	91.4	N/A	N/A	-4.0	Ver
2	2.4835 GHz	56.1	52.1	-1.9	54.0	-4.0	Ver

Note: Level = Reading Level + Factor

Factor = Antenna factor + Cable Loss

Product Name	: Massage Chair	Power	: 120V/60Hz
Test Mode	: Mode 1: Transmit-1Mbps(GFSK_DH5)	Test Site	: Chamber
Test Date	: 2021.08.11	Test Engineer	: Heaven
Polarization	: Horizontal	Low Frequency	: 2402MHz



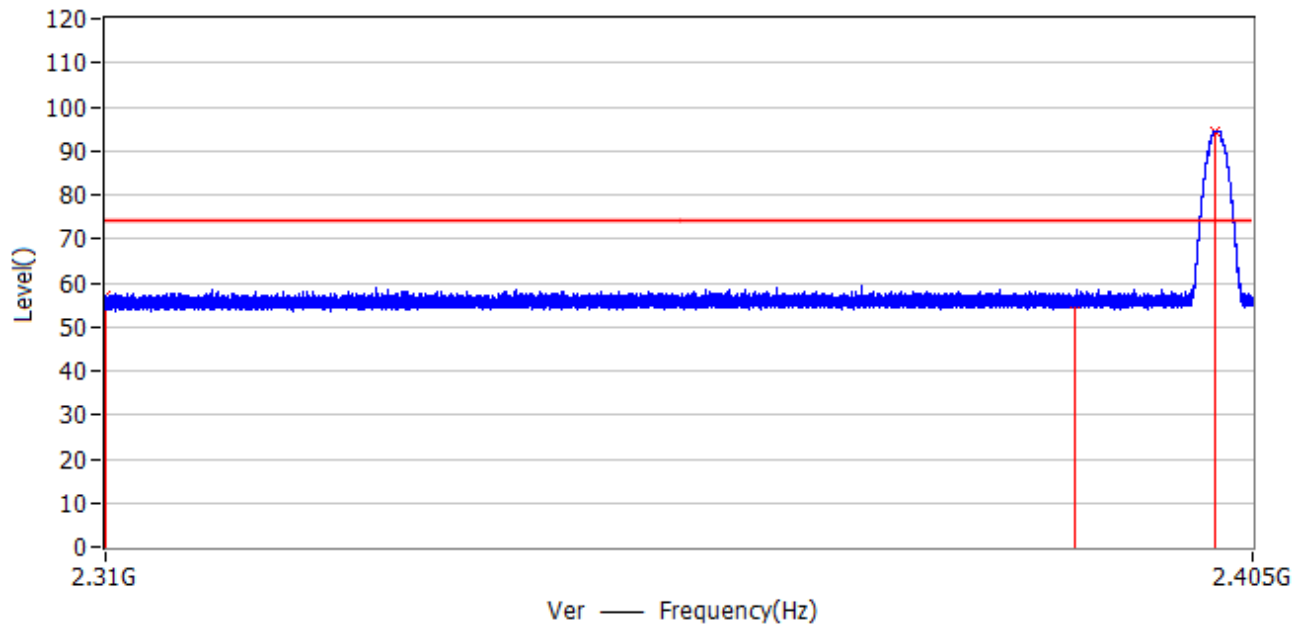
No.	Frequency (GHz)	Limit (dBμV/m)	Level (dBμV/m)	Delta dB	Factor dB	Detector	Polar
1	2.310 GHz	74.0	54.8	-19.2	30.0	PK	Hor
2	2.390 GHz	74.0	55.3	-18.7	30.2	PK	Hor
3	2.402 GHz	N/A	102.8	N/A	30.3	PK	Hor

No.	Frequency (GHz)	PK Level (dBμV/m)	AV Level (dBμV/m)	Delta dB	Limit (dBμV/m)	Factor dB	Polar
1	2.310 GHz	54.8	43.2	-10.8	54.0	-11.6	Ver
2	2.390 GHz	55.3	43.7	-10.3	54.0	-11.6	Ver
3	2.402 GHz	102.8	91.2	N/A	N/A	-11.6	Ver

Note: Level = Reading Level + Factor

Factor = Antenna factor + Cable Loss

Product Name	: Massage Chair	Power	: 120V/60Hz
Test Mode	: Mode 1: Transmit-1Mbps(GFSK_DH5)	Test Site	: Chamber
Test Date	: 2021.08.11	Test Engineer	: Heaven
Polarization	: Vertical	Low Frequency	: 2402MHz



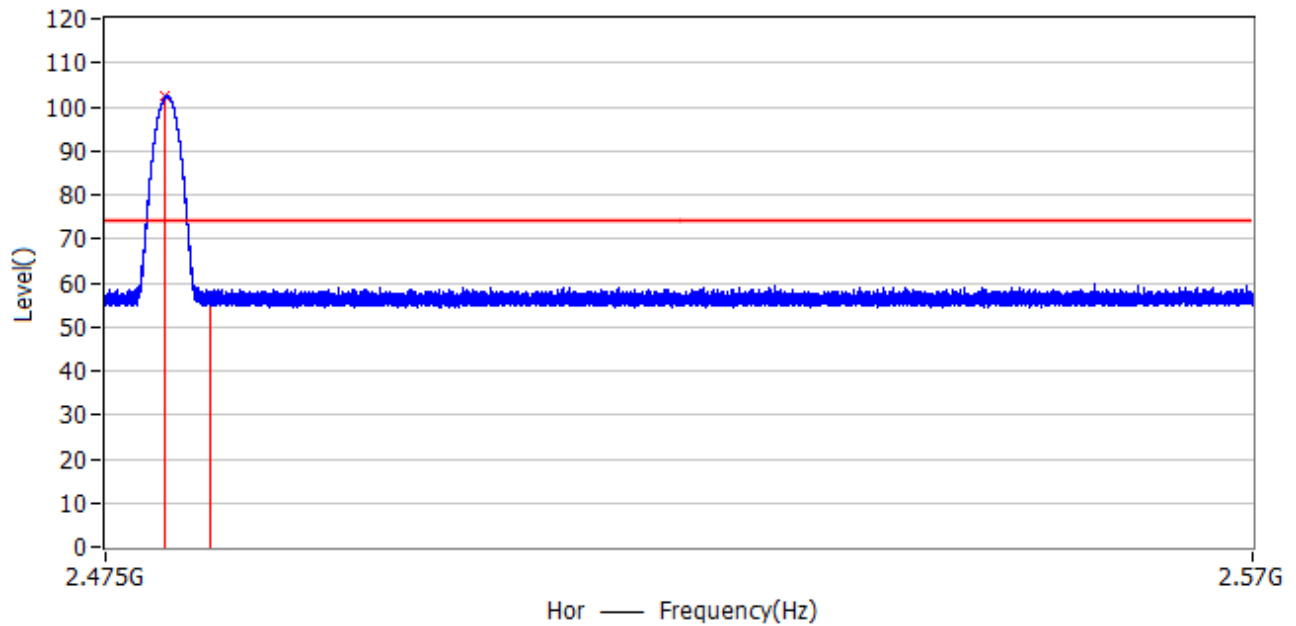
No.	Frequency (GHz)	Limit (dBμV/m)	Level (dBμV/m)	Delta dB	Factor dB	Detector	Polar
1	2.310 GHz	74.0	57.0	-17.0	30.0	PK	Ver
2	2.390 GHz	74.0	55.4	-18.6	30.2	PK	Ver
3	2.402 GHz	N/A	94.6	N/A	30.3	PK	Ver

No.	Frequency (GHz)	PK Level (dBμV/m)	AV Level (dBμV/m)	Delta dB	Limit (dBμV/m)	Factor dB	Polar
1	2.310 GHz	57.0	45.4	-8.6	54.0	-11.6	Ver
2	2.390 GHz	55.4	43.8	-10.2	54.0	-11.6	Ver
3	2.402 GHz	94.6	83.0	N/A	N/A	-11.6	Ver

Note: Level = Reading Level + Factor

Factor = Antenna factor + Cable Loss

Product Name	: Massage Chair	Power	: 120V/60Hz
Test Mode	: Mode 1: Transmit-1Mbps(GFSK_DH5)	Test Site	: Chamber
Test Date	: 2021.08.11	Test Engineer	: Heaven
Polarization	: Horizontal	High Frequency	: 2480MHz



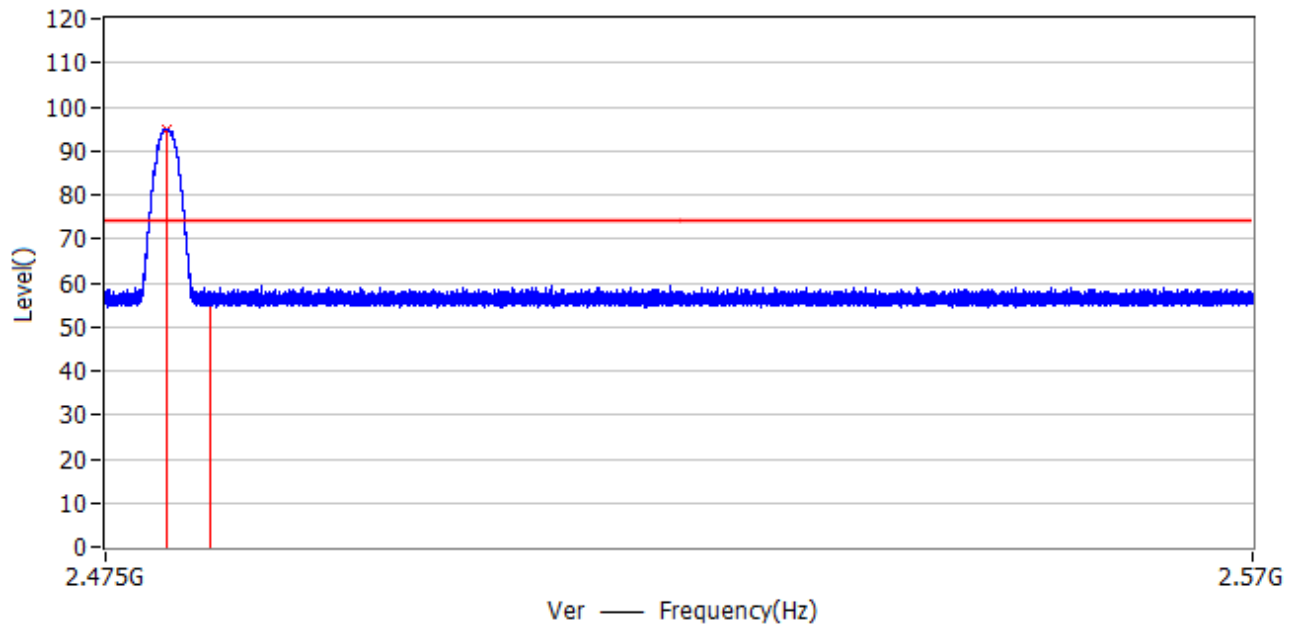
No.	Frequency (GHz)	Limit (dBμV/m)	Level (dBμV/m)	Delta dB	Factor dB	Detector	Polar
1	2.480 GHz	N/A	102.4	N/A	30.5	PK	Hor
2	2.4835 GHz	74.0	56.7	-17.3	30.5	PK	Hor

No.	Frequency (GHz)	PK Level (dBμV/m)	AV Level (dBμV/m)	Delta dB	Limit (dBμV/m)	Factor dB	Polar
1	2.480 GHz	102.4	90.8	N/A	N/A	-11.6	Hor
2	2.4835 GHz	56.7	45.1	-8.9	54.0	-11.6	Hor

Note: Level = Reading Level + Factor

Factor = Antenna factor + Cable Loss

Product Name	: Massage Chair	Power	: 120V/60Hz
Test Mode	: Mode 1: Transmit-1Mbps(GFSK_DH5)	Test Site	: Chamber
Test Date	: 2021.08.11	Test Engineer	: Heaven
Polarization	: Vertical	High Frequency	: 2480MHz



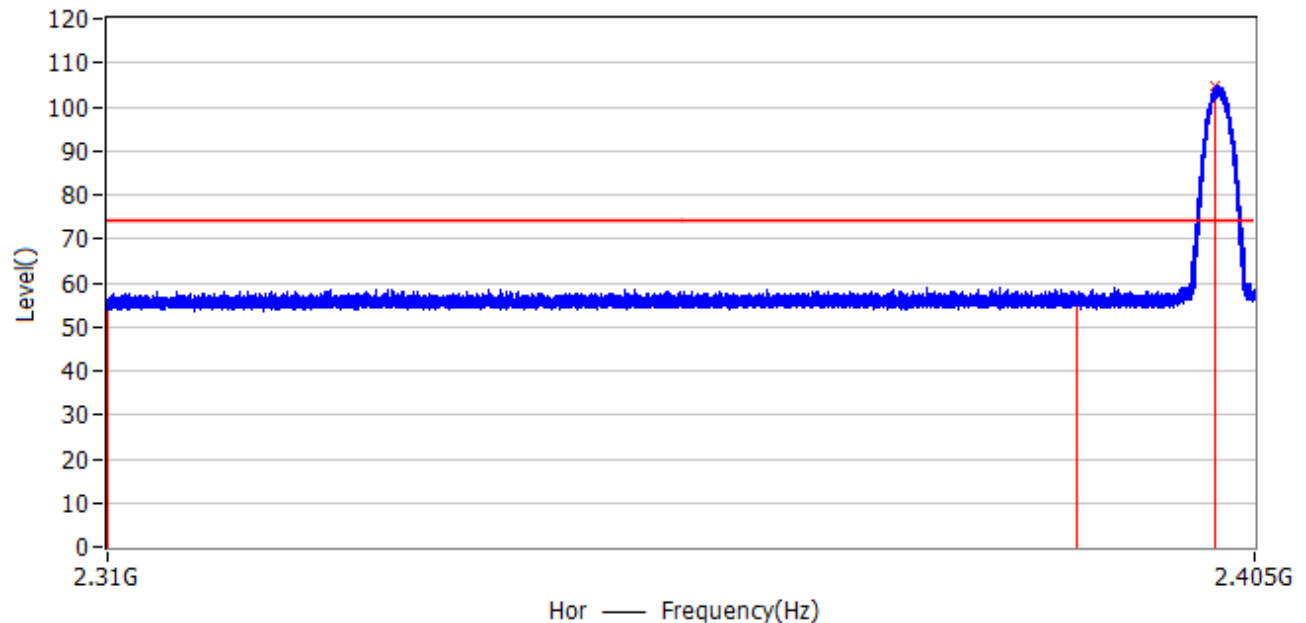
No.	Frequency (GHz)	Limit (dBμV/m)	Level (dBμV/m)	Delta dB	Factor dB	Detector	Polar
1	2.480 GHz	N/A	95.0	N/A	30.5	PK	Ver
2	2.4835 GHz	74.0	56.4	-17.6	30.5	PK	Ver

No.	Frequency (GHz)	PK Level (dBμV/m)	AV Level (dBμV/m)	Delta dB	Limit (dBμV/m)	Factor dB	Polar
1	2.480 GHz	95.0	83.4	N/A	N/A	-11.6	Ver
2	2.4835 GHz	56.4	44.8	-9.2	54.0	-11.6	Ver

Note: Level = Reading Level + Factor

Factor = Antenna factor + Cable Loss

Product Name	: Massage Chair	Power	: 120V/60Hz
Test Mode	: Mode 2: Transmit-2Mbps(Pi/4 DQPSK _DH1)	Test Site	: Chamber
Test Date	: 2021.08.11	Test Engineer	: Heaven
Polarization	: Horizontal	Low Frequency	: 2402MHz



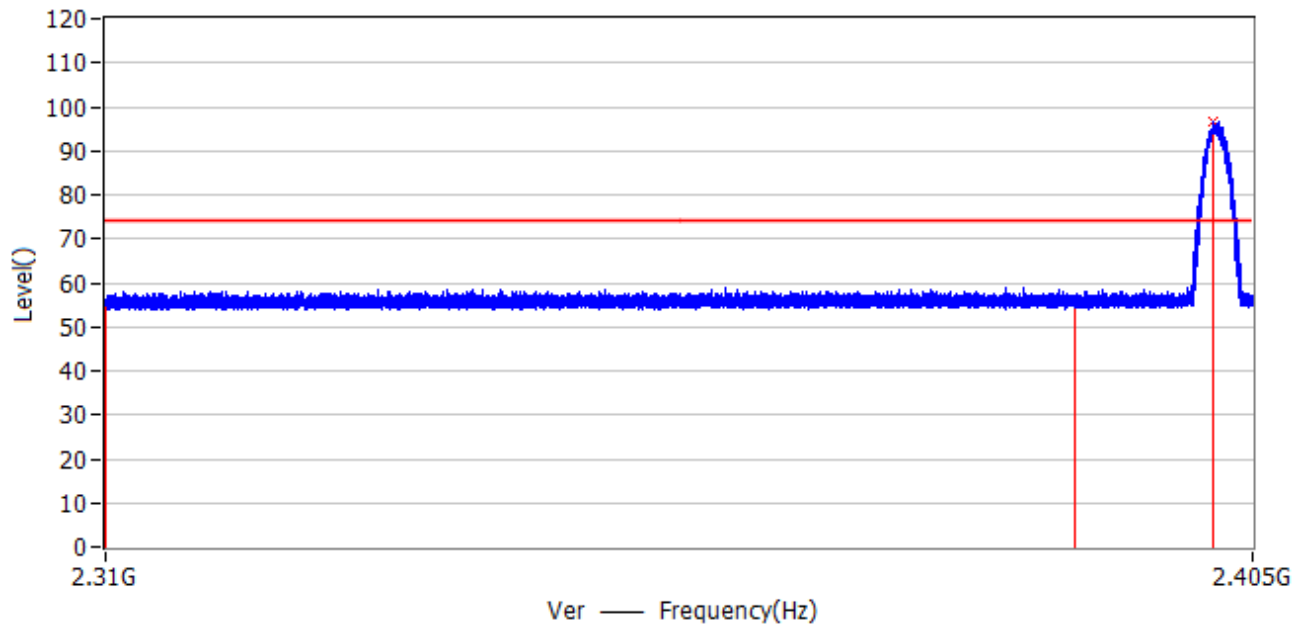
No.	Frequency (GHz)	Limit (dBμV/m)	Level (dBμV/m)	Delta dB	Factor dB	Detector	Polar
1	2.310 GHz	74.0	55.3	-18.7	30.0	PK	Hor
2	2.390 GHz	74.0	55.6	-18.4	30.2	PK	Hor
3	2.402 GHz	N/A	104.8	N/A	30.3	PK	Hor

No.	Frequency (GHz)	PK Level (dBμV/m)	AV Level (dBμV/m)	Delta dB	Limit (dBμV/m)	Factor dB	Polar
1	2.310 GHz	55.3	43.7	-10.3	54.0	-11.6	Ver
2	2.390 GHz	55.6	44.0	-10.0	54.0	-11.6	Ver
3	2.402 GHz	104.8	93.2	N/A	N/A	-11.6	Ver

Note: Level = Reading Level + Factor

Factor = Antenna factor + Cable Loss

Product Name	: Massage Chair	Power	: 120V/60Hz
Test Mode	: Mode 2: Transmit-2Mbps(Pi/4 DQPSK _DH1)	Test Site	: Chamber
Test Date	: 2021.08.11	Test Engineer	: Heaven
Polarization	: Vertical	Low Frequency	: 2402MHz



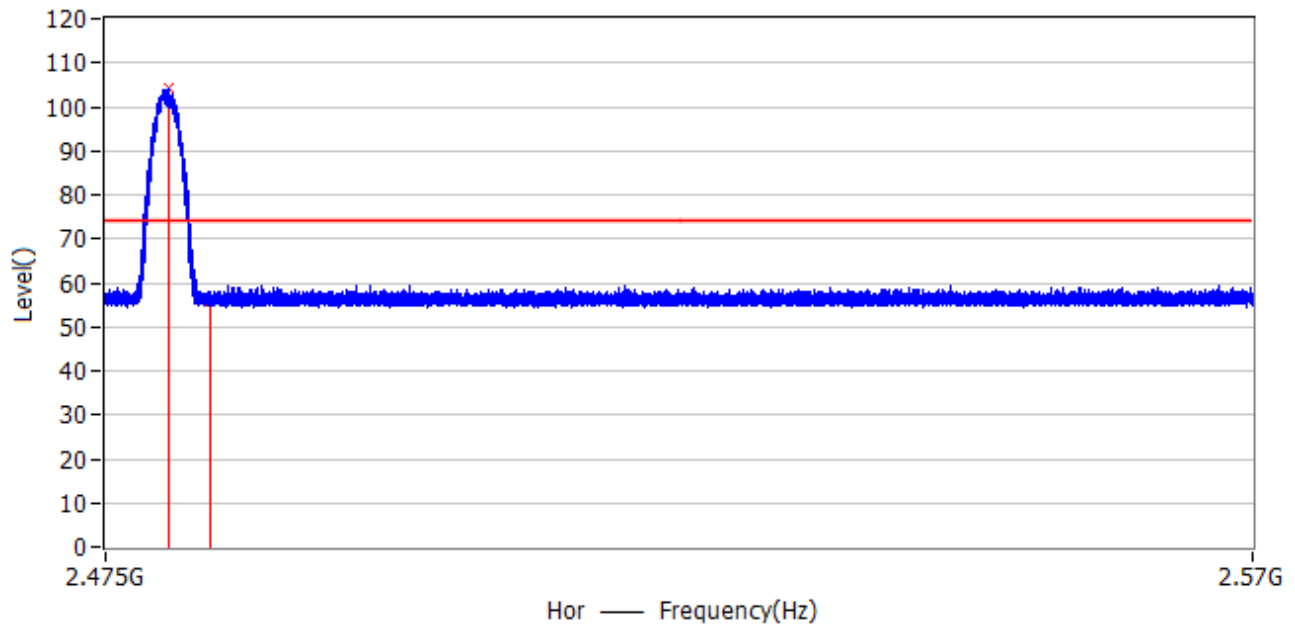
No.	Frequency (GHz)	Limit (dBμV/m)	Level (dBμV/m)	Delta dB	Factor dB	Detector	Polar
1	2.310 GHz	74.0	55.0	-19.0	30.0	PK	Ver
2	2.390 GHz	74.0	55.9	-18.1	30.2	PK	Ver
3	2.402 GHz	N/A	96.6	N/A	30.3	PK	Ver

No.	Frequency (GHz)	PK Level (dBμV/m)	AV Level (dBμV/m)	Delta dB	Limit (dBμV/m)	Factor dB	Polar
1	2.310 GHz	55.0	43.4	-10.6	54.0	-11.6	Ver
2	2.390 GHz	55.9	44.3	-9.7	54.0	-11.6	Ver
3	2.402 GHz	96.6	85.0	N/A	N/A	-11.6	Ver

Note: Level = Reading Level + Factor

Factor = Antenna factor + Cable Loss

Product Name	: Massage Chair	Power	: 120V/60Hz
Test Mode	: Mode 2: Transmit-2Mbps(Pi/4 DQPSK _DH1)	Test Site	: Chamber
Test Date	: 2021.08.11	Test Engineer	: Heaven
Polarization	: Horizontal	High Frequency	: 2480MHz



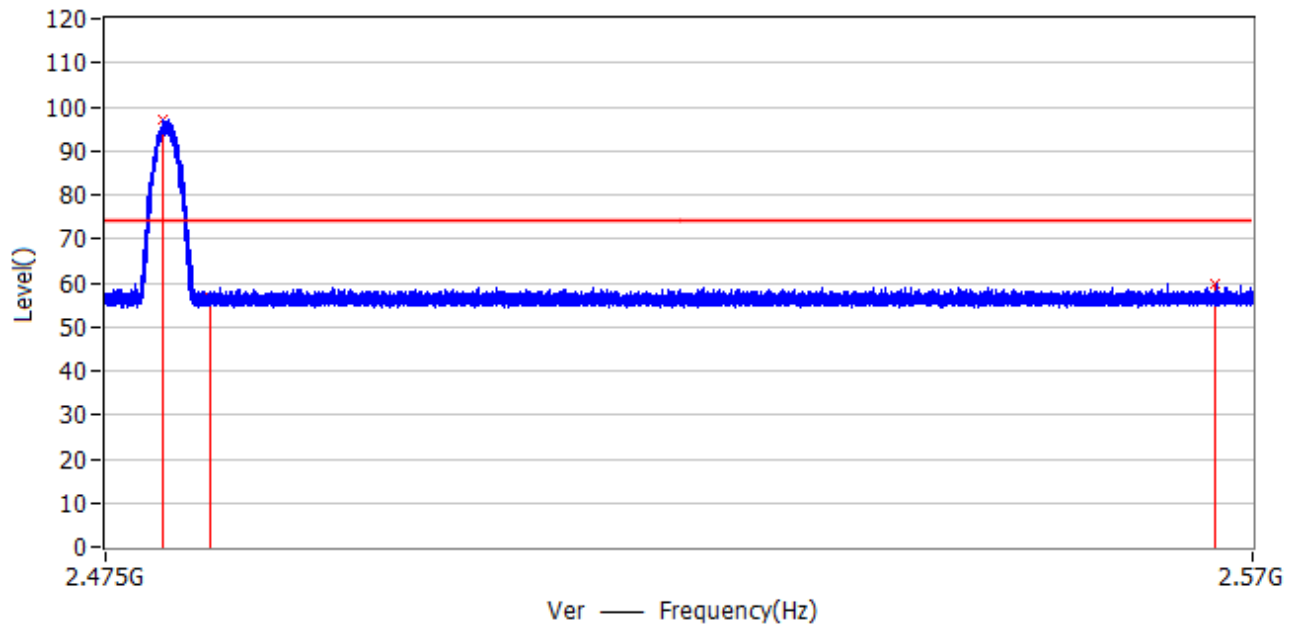
No.	Frequency (GHz)	Limit (dBμV/m)	Level (dBμV/m)	Delta dB	Factor dB	Detector	Polar
1	2.480 GHz	N/A	104.3	N/A	30.5	PK	Hor
2	2.4835 GHz	74.0	55.9	-18.1	30.5	PK	Hor

No.	Frequency (GHz)	PK Level (dBμV/m)	AV Level (dBμV/m)	Delta dB	Limit (dBμV/m)	Factor dB	Polar
1	2.480 GHz	104.3	92.7	N/A	N/A	-11.6	Hor
2	2.4835 GHz	55.9	44.3	-9.7	54.0	-11.6	Hor

Note: Level = Reading Level + Factor

Factor = Antenna factor + Cable Loss

Product Name	: Massage Chair	Power	: 120V/60Hz
Test Mode	: Mode 2: Transmit-2Mbps(Pi/4 DQPSK _DH1)	Test Site	: Chamber
Test Date	: 2021.08.11	Test Engineer	: Heaven
Polarization	: Vertical	High Frequency	: 2480MHz



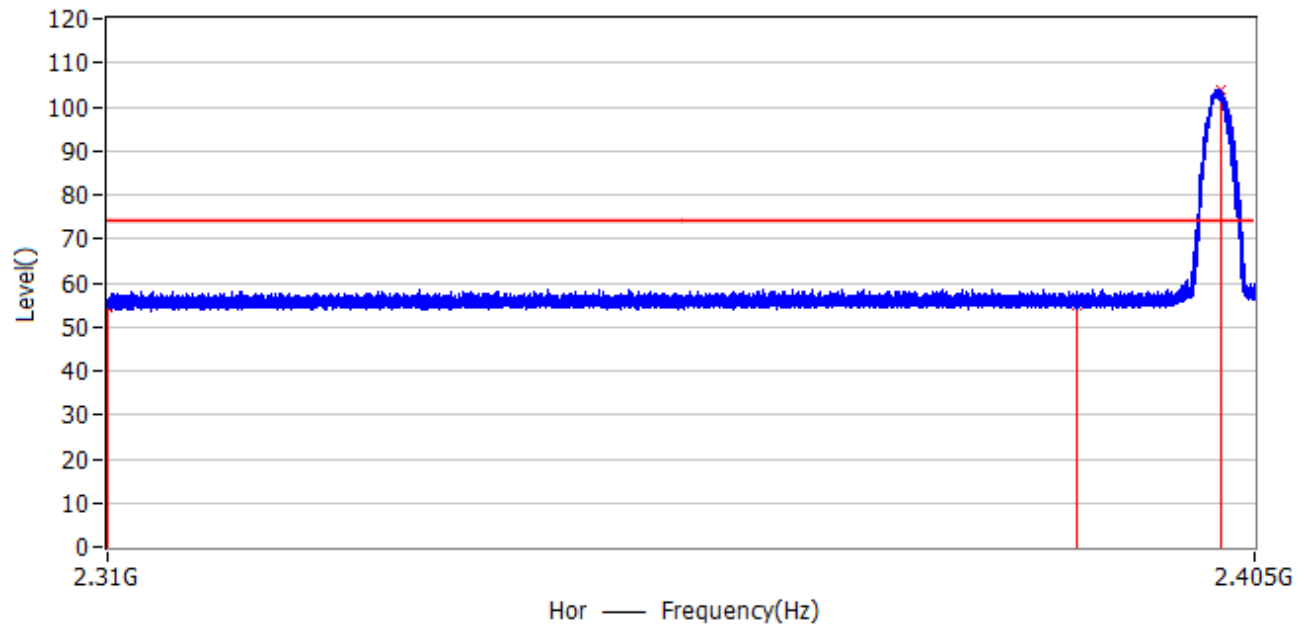
No.	Frequency (GHz)	Limit (dBμV/m)	Level (dBμV/m)	Delta dB	Factor dB	Detector	Polar
1	2.480 GHz	N/A	97.1	N/A	30.5	PK	Ver
2	2.4835 GHz	74.0	56.6	-17.4	30.5	PK	Ver

No.	Frequency (GHz)	PK Level (dBμV/m)	AV Level (dBμV/m)	Delta dB	Limit (dBμV/m)	Factor dB	Polar
1	2.480 GHz	97.1	85.5	N/A	N/A	-11.6	Ver
2	2.4835 GHz	56.6	45.0	-9.0	54.0	-11.6	Ver

Note: Level = Reading Level + Factor

Factor = Antenna factor + Cable Loss

Product Name	: Massage Chair	Power	: 120V/60Hz
Test Mode	: Mode 2: Transmit-2Mbps(Pi/4 DQPSK _DH3)	Test Site	: Chamber
Test Date	: 2021.08.11	Test Engineer	: Heaven
Polarization	: Horizontal	Low Frequency	: 2402MHz



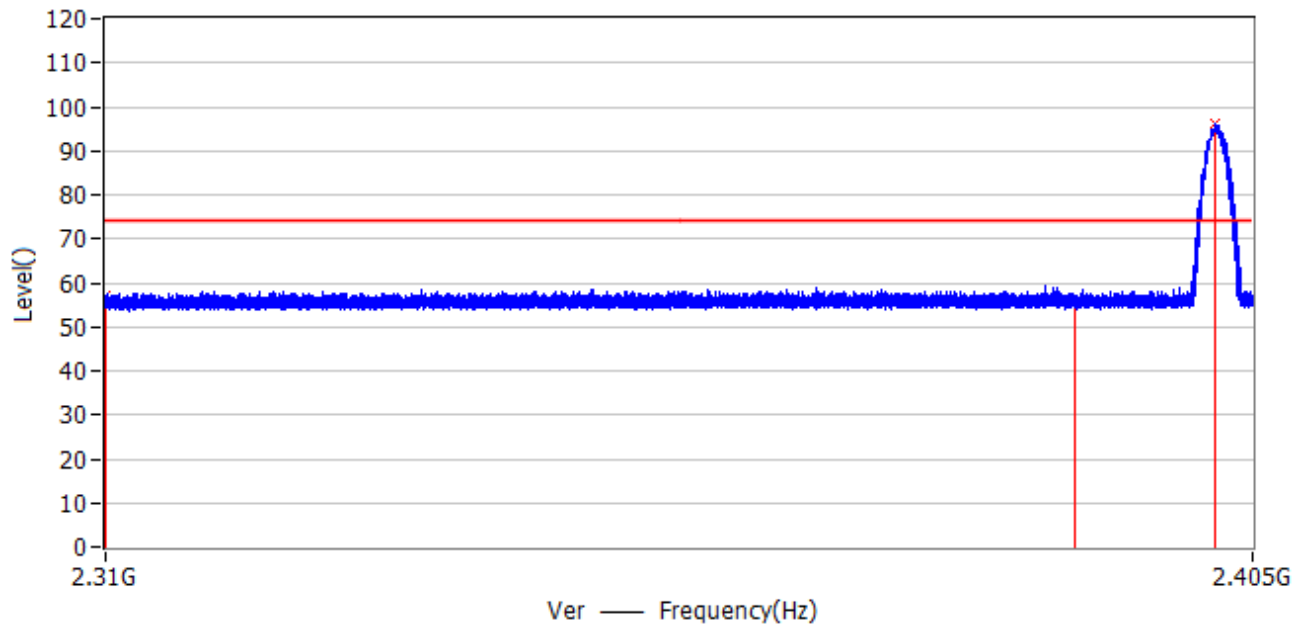
No.	Frequency (GHz)	Limit (dBμV/m)	Level (dBμV/m)	Delta dB	Factor dB	Detector	Polar
1	2.310 GHz	74.0	54.4	-19.6	30.0	PK	Hor
2	2.390 GHz	74.0	54.7	-19.3	30.2	PK	Hor
3	2.402 GHz	74.0	104.0	30.0	30.3	PK	Hor

No.	Frequency (GHz)	PK Level (dBμV/m)	AV Level (dBμV/m)	Delta dB	Limit (dBμV/m)	Factor dB	Polar
1	2.310 GHz	54.4	42.8	-11.2	54.0	-11.6	Hor
2	2.390 GHz	54.7	43.1	-10.9	54.0	-11.6	Hor
3	2.402 GHz	104.0	92.4	N/A	N/A	-11.6	Hor

Note: Level = Reading Level + Factor

Factor = Antenna factor + Cable Loss

Product Name	: Massage Chair	Power	: 120V/60Hz
Test Mode	: Mode 2: Transmit-2Mbps(Pi/4 DQPSK _DH3)	Test Site	: Chamber
Test Date	: 2021.08.11	Test Engineer	: Heaven
Polarization	: Vertical	Low Frequency	: 2402MHz



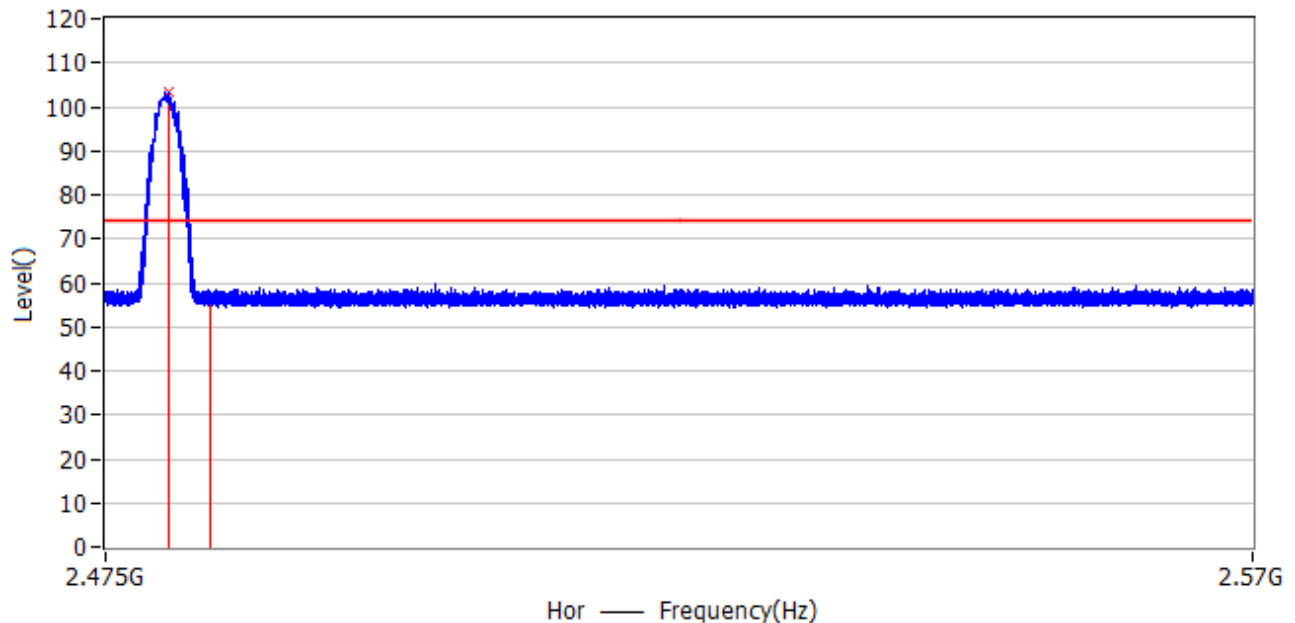
No.	Frequency (GHz)	Limit (dBμV/m)	Level (dBμV/m)	Delta dB	Factor dB	Detector	Polar
1	2.310 GHz	74.0	57.3	-16.7	30.0	PK	Ver
2	2.390 GHz	74.0	55.8	-18.2	30.2	PK	Ver
3	2.402 GHz	N/A	96.3	N/A	30.3	PK	Ver

No.	Frequency (GHz)	PK Level (dBμV/m)	AV Level (dBμV/m)	Delta dB	Limit (dBμV/m)	Factor dB	Polar
1	2.310 GHz	57.3	45.7	-8.3	54.0	-11.6	Ver
2	2.390 GHz	55.8	44.2	-9.8	54.0	-11.6	Ver
3	2.402 GHz	96.3	84.7	N/A	N/A	-11.6	Ver

Note: Level = Reading Level + Factor

Factor = Antenna factor + Cable Loss

Product Name	: Massage Chair	Power	: 120V/60Hz
Test Mode	: Mode 2: Transmit-2Mbps(Pi/4 DQPSK _DH3)	Test Site	: Chamber
Test Date	: 2021.08.11	Test Engineer	: Heaven
Polarization	: Horizontal	High Frequency	: 2480MHz



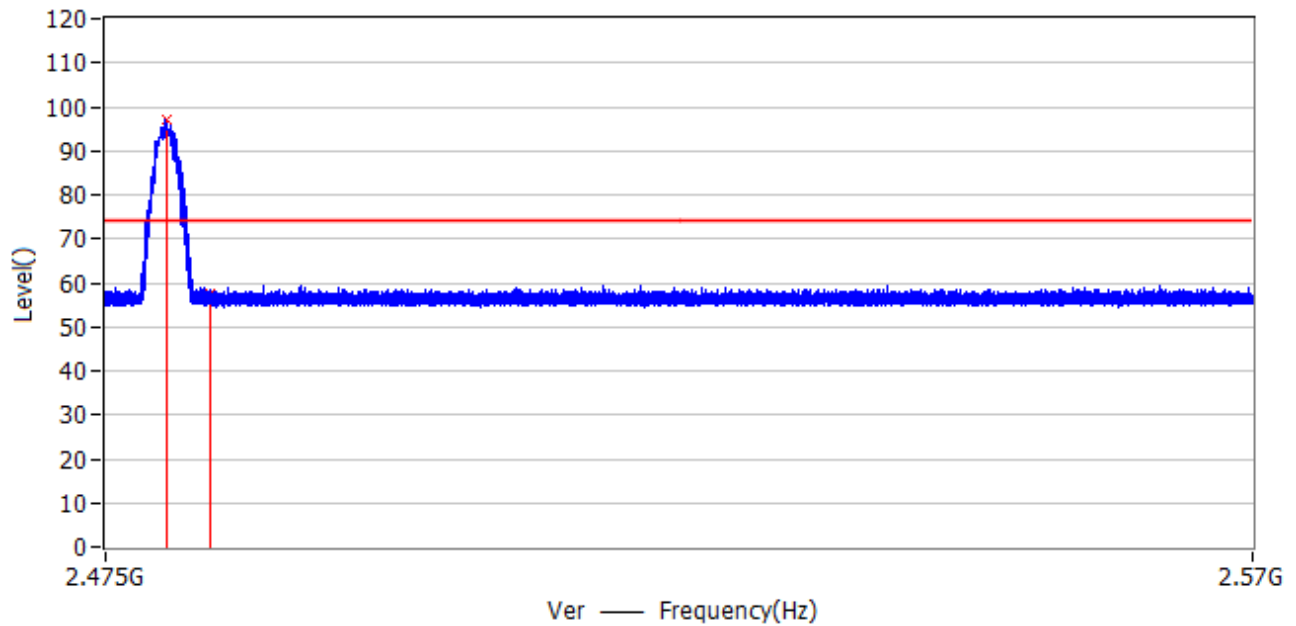
No.	Frequency (GHz)	Limit (dBμV/m)	Level (dBμV/m)	Delta dB	Factor dB	Detector	Polar
1	2.480 GHz	N/A	103.5	N/A	30.5	PK	Hor
2	2.4835 GHz	74.0	56.7	-17.3	30.5	PK	Hor

No.	Frequency (GHz)	PK Level (dBμV/m)	AV Level (dBμV/m)	Delta dB	Limit (dBμV/m)	Factor dB	Polar
1	2.480 GHz	103.5	91.9	N/A	N/A	-11.6	Hor
2	2.4835 GHz	56.7	45.1	-8.9	54.0	-11.6	Hor

Note: Level = Reading Level + Factor

Factor = Antenna factor + Cable Loss

Product Name	: Massage Chair	Power	: 120V/60Hz
Test Mode	: Mode 2: Transmit-2Mbps(Pi/4 DQPSK _DH3)	Test Site	: Chamber
Test Date	: 2021.08.11	Test Engineer	: Heaven
Polarization	: Vertical	High Frequency	: 2480MHz



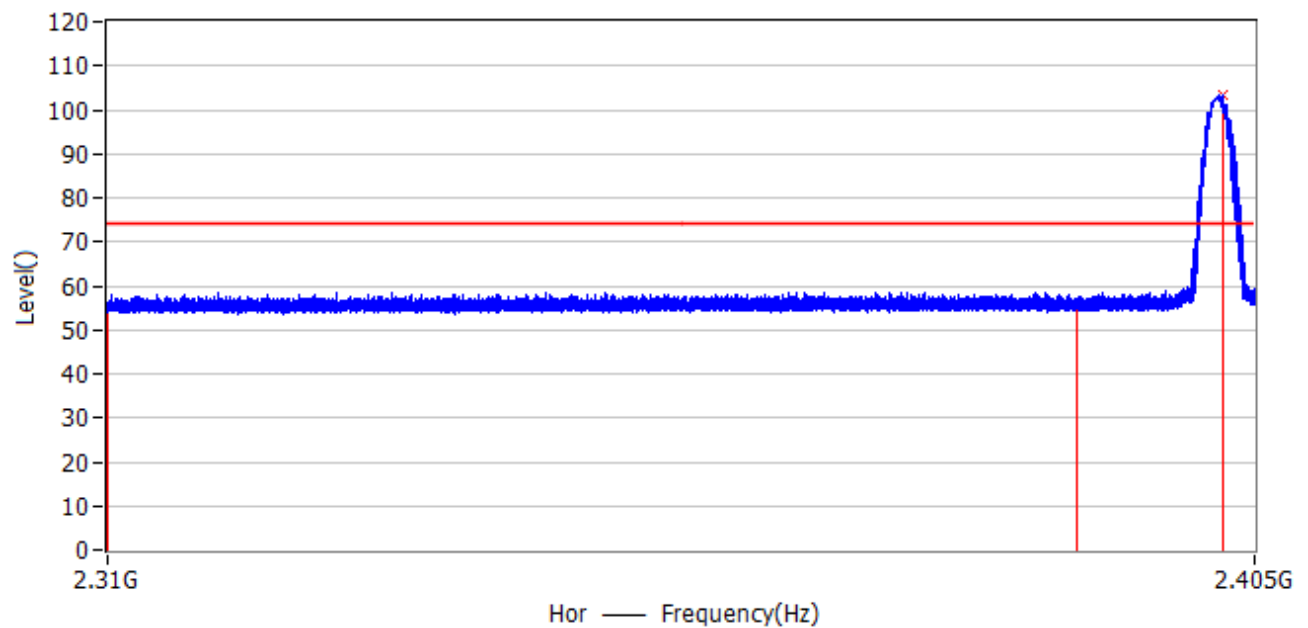
No.	Frequency (GHz)	Limit (dBμV/m)	Level (dBμV/m)	Delta dB	Factor dB	Detector	Polar
1	2.480 GHz	N/A	96.9	N/A	30.5	PK	Ver
2	2.4835 GHz	74.0	57.5	-16.5	30.5	PK	Ver

No.	Frequency (GHz)	PK Level (dBμV/m)	AV Level (dBμV/m)	Delta dB	Limit (dBμV/m)	Factor dB	Polar
1	2.480 GHz	96.9	85.3	N/A	N/A	-11.6	Ver
2	2.4835 GHz	57.5	45.9	-8.1	54.0	-11.6	Ver

Note: Level = Reading Level + Factor

Factor = Antenna factor + Cable Loss

Product Name	: Massage Chair	Power	: 120V/60Hz
Test Mode	: Mode 2: Transmit-2Mbps(Pi/4 DQPSK _DH5)	Test Site	: Chamber
Test Date	: 2021.08.11	Test Engineer	: Heaven
Polarization	: Horizontal	Low Frequency	: 2402MHz



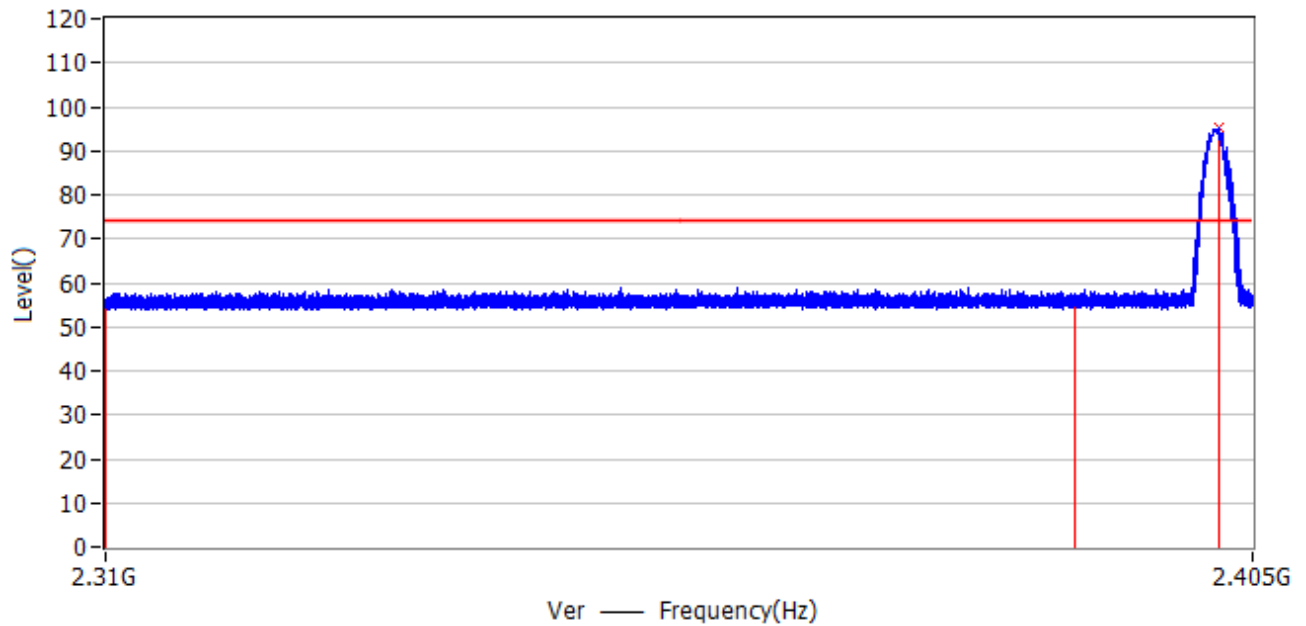
No.	Frequency (GHz)	Limit (dBμV/m)	Level (dBμV/m)	Delta dB	Factor dB	Detector	Polar
1	2.310 GHz	74.0	55.6	-18.4	30.0	PK	Hor
2	2.390 GHz	74.0	55.3	-18.7	30.2	PK	Hor
3	2.402 GHz	N/A	103.3	N/A	30.3	PK	Hor

No.	Frequency (GHz)	PK Level (dBμV/m)	AV Level (dBμV/m)	Delta dB	Limit (dBμV/m)	Factor dB	Polar
1	2.310 GHz	55.6	53.4	-0.6	54.0	-2.2	Hor
2	2.390 GHz	55.3	53.1	-0.9	54.0	-2.2	Hor
3	2.402 GHz	103.3	101.1	N/A	N/A	-2.2	Hor

Note: Level = Reading Level + Factor

Factor = Antenna factor + Cable Loss

Product Name	: Massage Chair	Power	: 120V/60Hz
Test Mode	: Mode 2: Transmit-2Mbps(Pi/4 DQPSK _DH5)	Test Site	: Chamber
Test Date	: 2021.08.11	Test Engineer	: Heaven
Polarization	: Vertical	Low Frequency	: 2402MHz



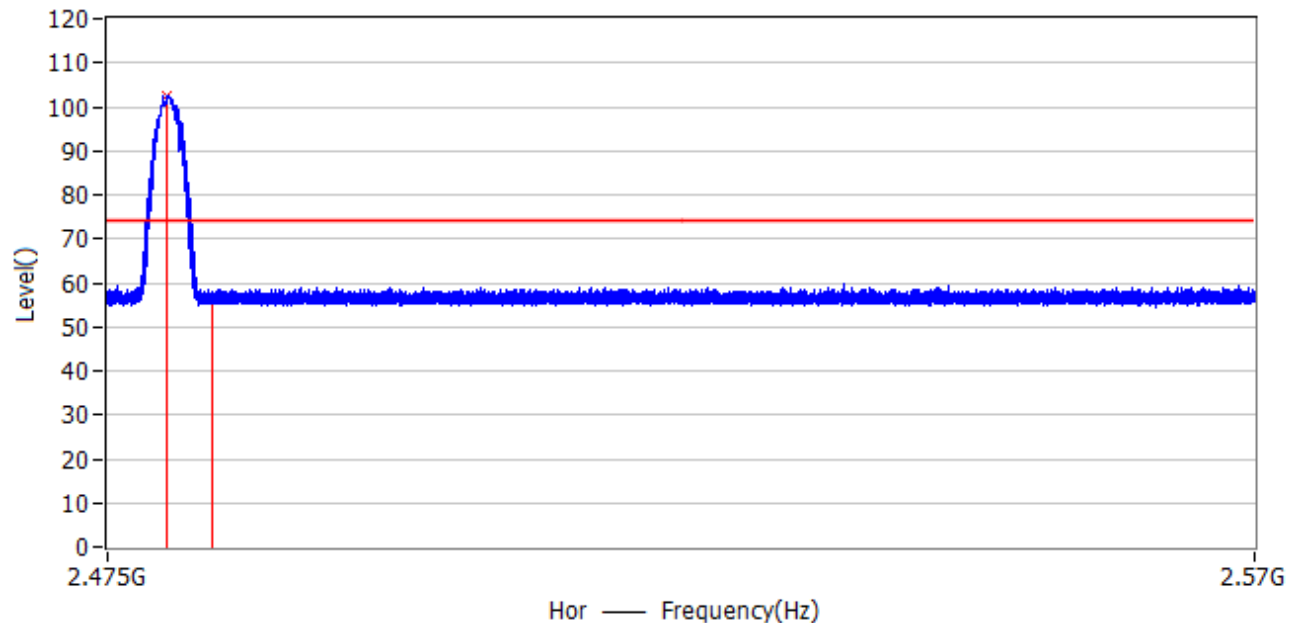
No.	Frequency (GHz)	Limit (dBμV/m)	Level (dBμV/m)	Delta dB	Factor dB	Detector	Polar
1	2.310 GHz	74.0	55.7	-18.3	30.0	PK	Ver
2	2.390 GHz	74.0	55.9	-18.1	30.2	PK	Ver
3	2.402 GHz	N/A	95.1	N/A	30.3	PK	Ver

No.	Frequency (GHz)	PK Level (dBμV/m)	AV Level (dBμV/m)	Delta dB	Limit (dBμV/m)	Factor dB	Polar
1	2.310 GHz	55.7	53.5	-0.5	54.0	-2.2	Ver
2	2.390 GHz	55.9	53.7	-0.3	54.0	-2.2	Ver
3	2.402 GHz	95.1	92.9	N/A	N/A	-2.2	Ver

Note: Level = Reading Level + Factor

Factor = Antenna factor + Cable Loss

Product Name	: Massage Chair	Power	: 120V/60Hz
Test Mode	: Mode 2: Transmit-2Mbps(Pi/4 DQPSK _DH5)	Test Site	: Chamber
Test Date	: 2021.08.11	Test Engineer	: Heaven
Polarization	: Horizontal	High Frequency	: 2480MHz



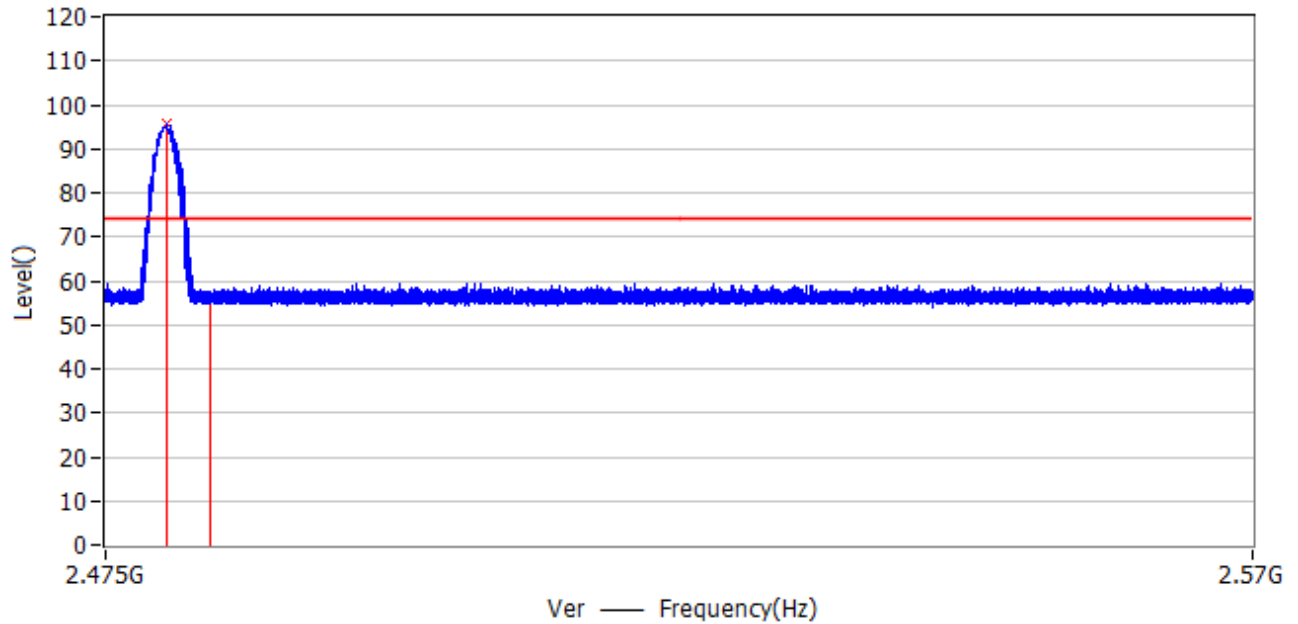
No.	Frequency (GHz)	Limit (dBμV/m)	Level (dBμV/m)	Delta dB	Factor dB	Detector	Polar
1	2.480 GHz	N/A	102.6	N/A	30.5	PK	Hor
2	2.4835 GHz	74.0	55.4	-18.6	30.5	PK	Hor

No.	Frequency (GHz)	PK Level (dBμV/m)	AV Level (dBμV/m)	Delta dB	Limit (dBμV/m)	Factor dB	Polar
1	2.480 GHz	102.6	100.4	N/A	N/A	-2.2	Hor
2	2.4835 GHz	55.4	53.2	-0.8	54.0	-2.2	Hor

Note: Level = Reading Level + Factor

Factor = Antenna factor + Cable Loss

Product Name	: Massage Chair	Power	: 120V/60Hz
Test Mode	: Mode 2: Transmit-2Mbps(Pi/4 DQPSK _DH5)	Test Site	: Chamber
Test Date	: 2021.08.11	Test Engineer	: Heaven
Polarization	: Vertical	High Frequency	: 2480MHz



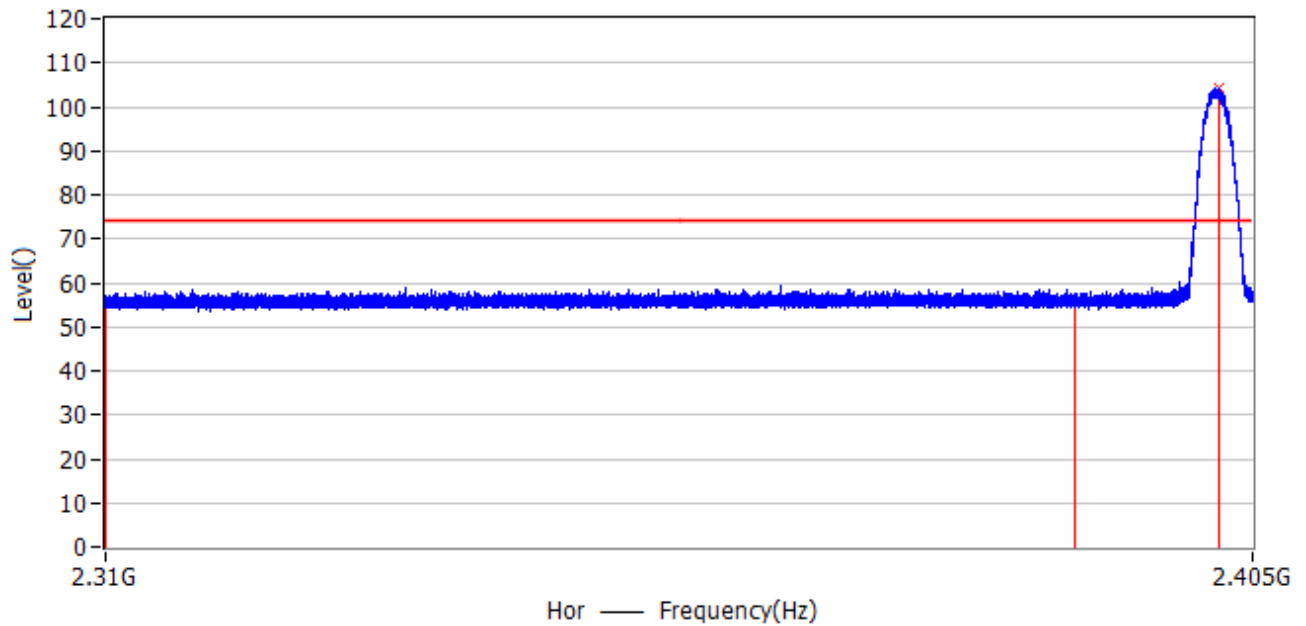
No.	Frequency (GHz)	Limit (dBμV/m)	Level (dBμV/m)	Delta dB	Factor dB	Detector	Polar
1	2.480 GHz	N/A	95.7	N/A	30.5	PK	Ver
2	2.4835 GHz	74.0	55.9	-18.1	30.5	PK	Ver

No.	Frequency (GHz)	PK Level (dBμV/m)	AV Level (dBμV/m)	Delta dB	Limit (dBμV/m)	Factor dB	Polar
1	2.480 GHz	95.7	93.5	N/A	N/A	-2.2	Ver
2	2.4835 GHz	55.9	53.7	-0.3	54.0	-2.2	Ver

Note: Level = Reading Level + Factor

Factor = Antenna factor + Cable Loss

Product Name	: Massage Chair	Power	: 120V/60Hz
Test Mode	: Mode 3: Transmit-3Mbps(8DPSK _DH1)	Test Site	: Chamber
Test Date	: 2021.08.11	Test Engineer	: Heaven
Polarization	: Horizontal	Low Frequency	: 2402MHz



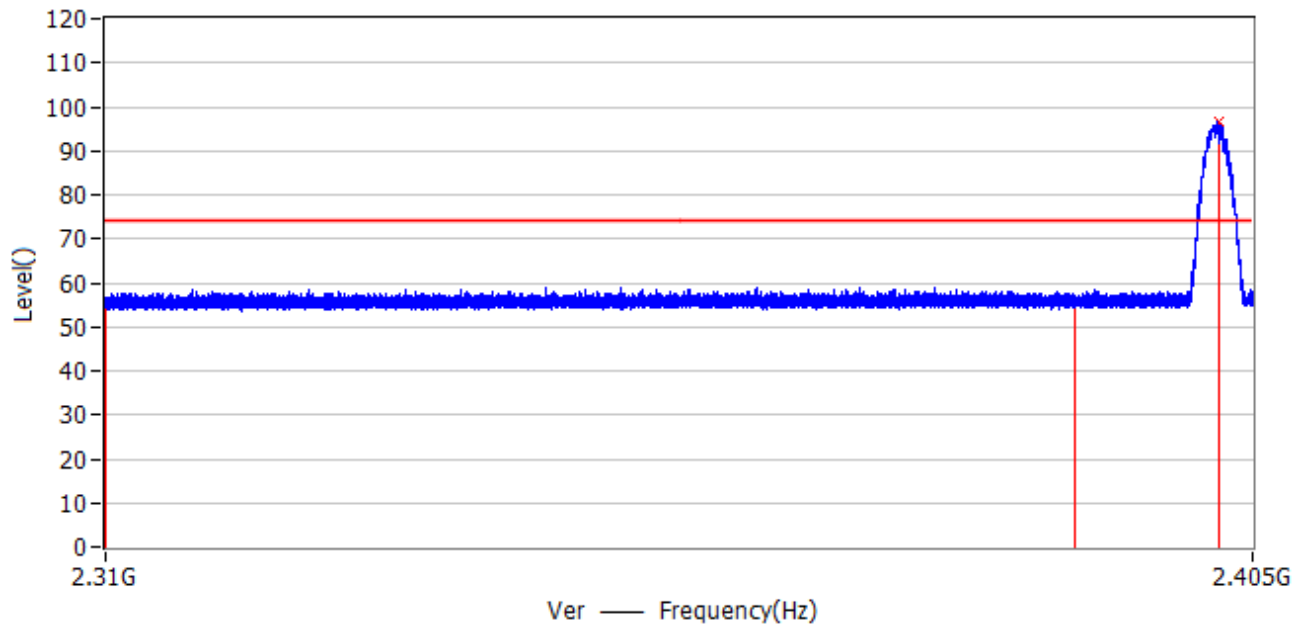
No.	Frequency (GHz)	Limit (dBμV/m)	Level (dBμV/m)	Delta dB	Factor dB	Detector	Polar
1	2.310 GHz	74.0	55.6	-18.4	30.0	PK	Hor
2	2.390 GHz	74.0	55.7	-18.3	30.2	PK	Hor
3	2.402 GHz	N/A	104.3	N/A	30.3	PK	Hor

No.	Frequency (GHz)	PK Level (dBμV/m)	AV Level (dBμV/m)	Delta dB	Limit (dBμV/m)	Factor dB	Polar
1	2.310 GHz	55.6	44.0	-10.0	54.0	-11.6	Hor
2	2.390 GHz	55.7	44.1	-9.8	54.0	-11.6	Hor
3	2.402 GHz	104.3	92.7	N/A	N/A	-11.6	Hor

Note: Level = Reading Level + Factor

Factor = Antenna factor + Cable Loss

Product Name	: Massage Chair	Power	: 120V/60Hz
Test Mode	: Mode 3: Transmit-3Mbps(8DPSK _DH1)	Test Site	: Chamber
Test Date	: 2021.08.11	Test Engineer	: Heaven
Polarization	: Vertical	Low Frequency	: 2402MHz



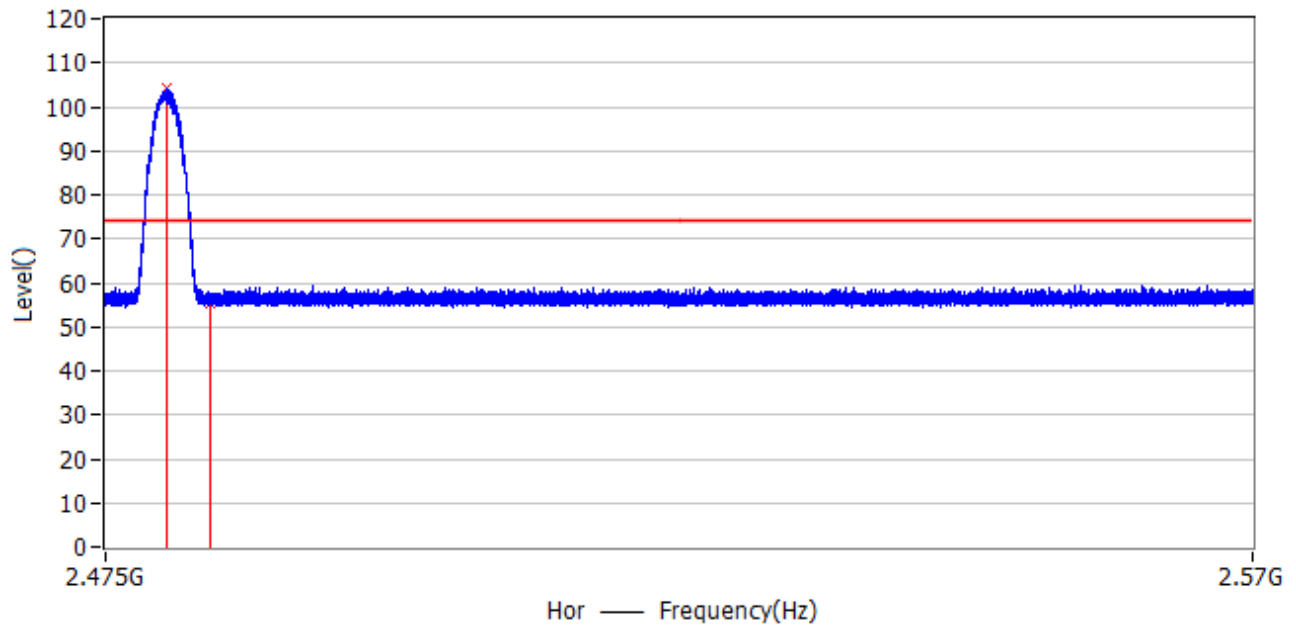
No.	Frequency (GHz)	Limit (dBμV/m)	Level (dBμV/m)	Delta dB	Factor dB	Detector	Polar
1	2.310 GHz	74.0	55.2	-18.8	30.0	PK	Ver
2	2.390 GHz	74.0	56.4	-17.6	30.2	PK	Ver
3	2.402 GHz	N/A	96.5	N/A	30.3	PK	Ver

No.	Frequency (GHz)	PK Level (dBμV/m)	AV Level (dBμV/m)	Delta dB	Limit (dBμV/m)	Factor dB	Polar
1	2.310 GHz	55.2	43.6	-10.4	54.0	-11.6	Ver
2	2.390 GHz	56.4	44.8	-9.2	54.0	-11.6	Ver
3	2.402 GHz	96.5	84.9	N/A	N/A	-11.6	Ver

Note: Level = Reading Level + Factor

Factor = Antenna factor + Cable Loss

Product Name	: Massage Chair	Power	: 120V/60Hz
Test Mode	: Mode 3: Transmit-3Mbps(8DPSK _DH1)	Test Site	: Chamber
Test Date	: 2021.08.11	Test Engineer	: Heaven
Polarization	: Horizontal	High Frequency	: 2480MHz



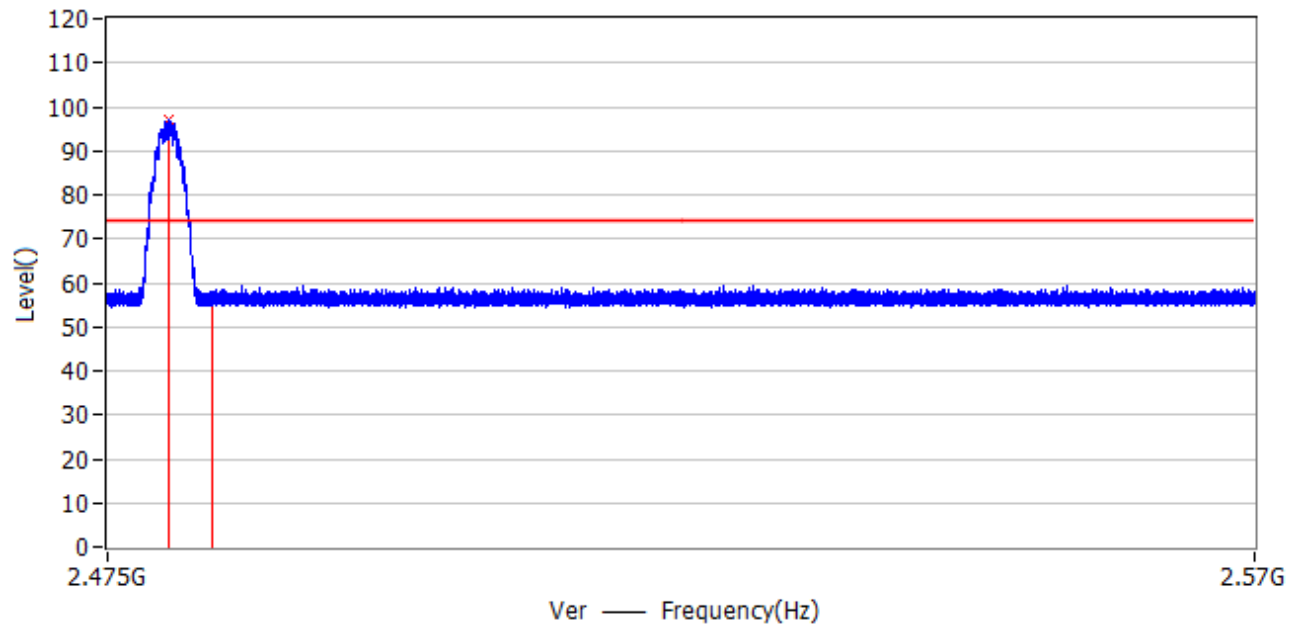
No.	Frequency (GHz)	Limit (dBμV/m)	Level (dBμV/m)	Delta dB	Factor dB	Detector	Polar
1	2.480 GHz	N/A	104.3	N/A	30.5	PK	Hor
2	2.4835 GHz	74.0	55.3	-18.7	30.5	PK	Hor

No.	Frequency (GHz)	PK Level (dBμV/m)	AV Level (dBμV/m)	Delta dB	Limit (dBμV/m)	Factor dB	Polar
1	2.480 GHz	104.3	92.7	N/A	N/A	-11.6	Hor
2	2.4835 GHz	55.3	43.7	-10.3	54.0	-11.6	Hor

Note: Level = Reading Level + Factor

Factor = Antenna factor + Cable Loss

Product Name	: Massage Chair	Power	: 120V/60Hz
Test Mode	: Mode 3: Transmit-3Mbps(8DPSK _DH1)	Test Site	: Chamber
Test Date	: 2021.08.11	Test Engineer	: Heaven
Polarization	: Vertical	High Frequency	: 2480MHz



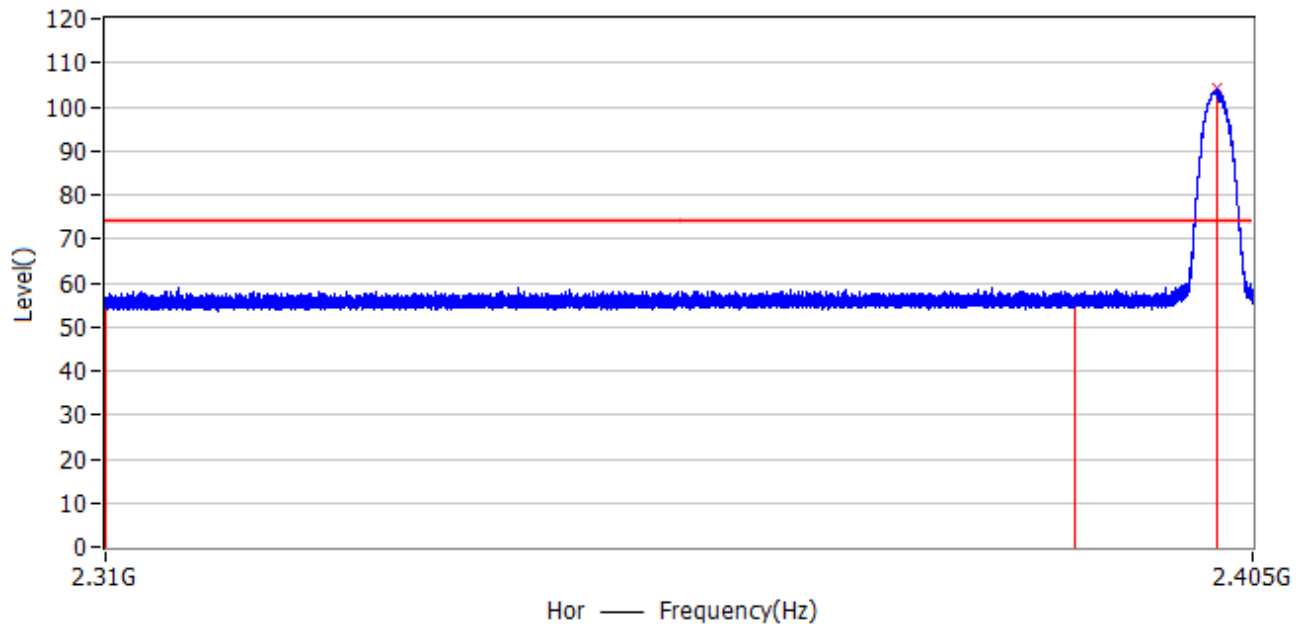
No.	Frequency (GHz)	Limit (dBμV/m)	Level (dBμV/m)	Delta dB	Factor dB	Detector	Polar
1	2.480 GHz	N/A	97.1	N/A	30.5	PK	Ver
2	2.4835 GHz	74.0	56.0	-18.0	30.5	PK	Ver

No.	Frequency (GHz)	PK Level (dBμV/m)	AV Level (dBμV/m)	Delta dB	Limit (dBμV/m)	Factor dB	Polar
1	2.480 GHz	97.1	85.5	N/A	N/A	-11.6	Ver
2	2.4835 GHz	56.0	44.4	-9.6	54.0	-11.6	Ver

Note: Level = Reading Level + Factor

Factor = Antenna factor + Cable Loss

Product Name	: Massage Chair	Power	: 120V/60Hz
Test Mode	: Mode 3: Transmit-3Mbps(8DPSK_DH3)	Test Site	: Chamber
Test Date	: 2021.08.11	Test Engineer	: Heaven
Polarization	: Horizontal	Low Frequency	: 2402MHz



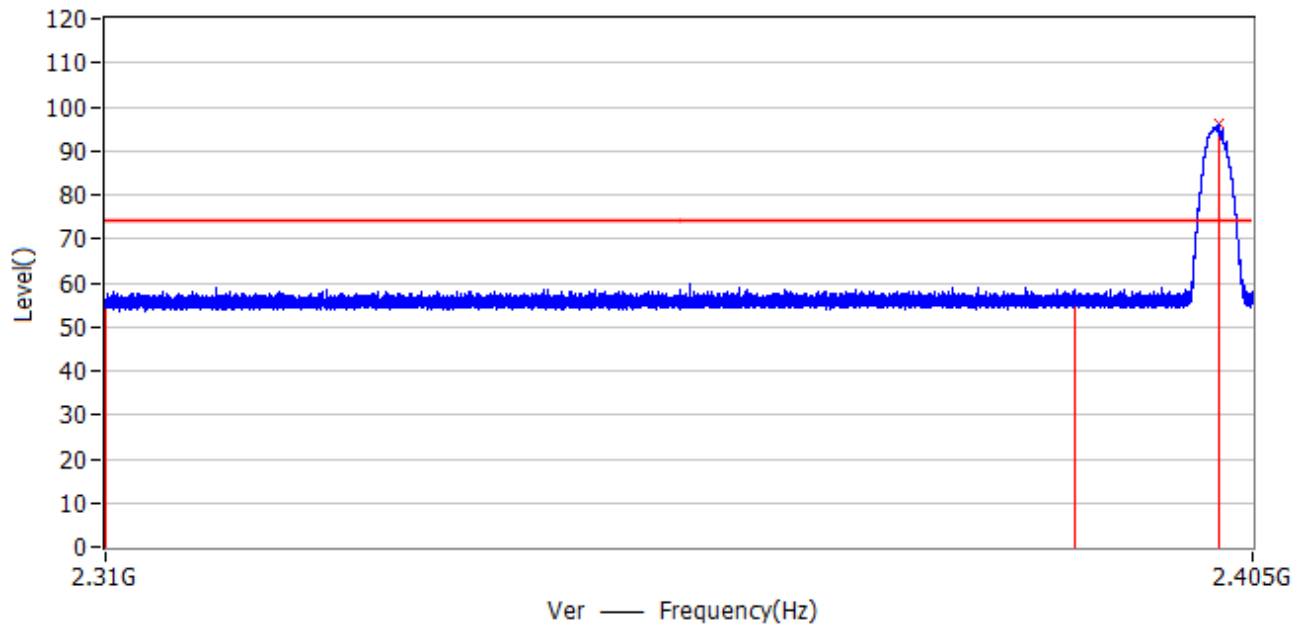
No.	Frequency (GHz)	Limit (dBμV/m)	Level (dBμV/m)	Delta dB	Factor dB	Detector	Polar
1	2.310 GHz	74.0	56.2	-17.8	30.0	PK	Hor
2	2.390 GHz	74.0	56.4	-17.6	30.2	PK	Hor
3	2.402 GHz	N/A	104.4	N/A	30.3	PK	Hor

No.	Frequency (GHz)	PK Level (dBμV/m)	AV Level (dBμV/m)	Delta dB	Limit (dBμV/m)	Factor dB	Polar
1	2.310 GHz	56.2	52.2	-1.8	54.0	-4.0	Hor
2	2.390 GHz	56.4	52.4	-1.6	54.0	-4.0	Hor
3	2.402 GHz	104.4	100.4	N/A	N/A	-4.0	Hor

Note: Level = Reading Level + Factor

Factor = Antenna factor + Cable Loss

Product Name	: Massage Chair	Power	: 120V/60Hz
Test Mode	: Mode 3: Transmit-3Mbps(8DPSK_DH3)	Test Site	: Chamber
Test Date	: 2021.08.11	Test Engineer	: Heaven
Polarization	: Vertical	Low Frequency	: 2402MHz



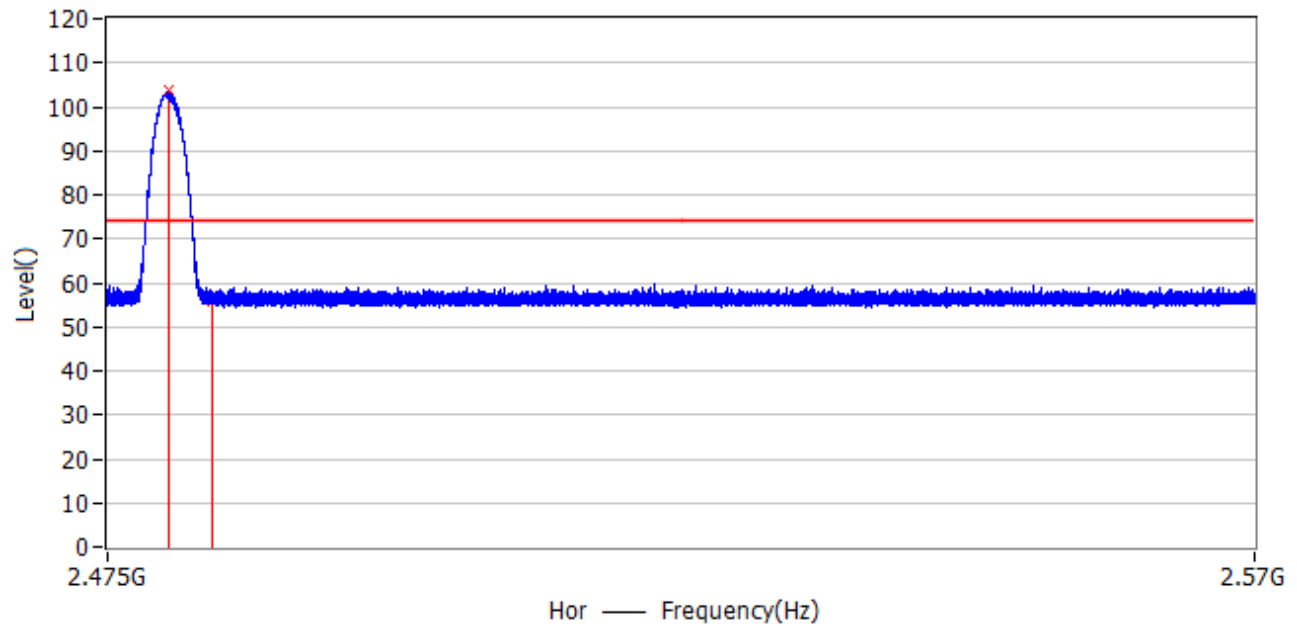
No.	Frequency (GHz)	Limit (dBμV/m)	Level (dBμV/m)	Delta dB	Factor dB	Detector	Polar
1	2.310 GHz	74.0	55.3	-18.7	30.0	PK	Ver
2	2.390 GHz	74.0	55.7	-18.3	30.2	PK	Ver
3	2.402 GHz	N/A	96.3	N/A	30.3	PK	Ver

No.	Frequency (GHz)	PK Level (dBμV/m)	AV Level (dBμV/m)	Delta dB	Limit (dBμV/m)	Factor dB	Polar
1	2.310 GHz	55.3	51.3	-2.7	54.0	-4.0	Ver
2	2.390 GHz	55.7	51.7	-2.3	54.0	-4.0	Ver
3	2.402 GHz	96.3	92.3	N/A	N/A	-4.0	Ver

Note: Level = Reading Level + Factor

Factor = Antenna factor + Cable Loss

Product Name	: Massage Chair	Power	: 120V/60Hz
Test Mode	: Mode 3: Transmit-3Mbps(8DPSK _DH3)	Test Site	: Chamber
Test Date	: 2021.08.11	Test Engineer	: Heaven
Polarization	: Horizontal	High Frequency	: 2480MHz



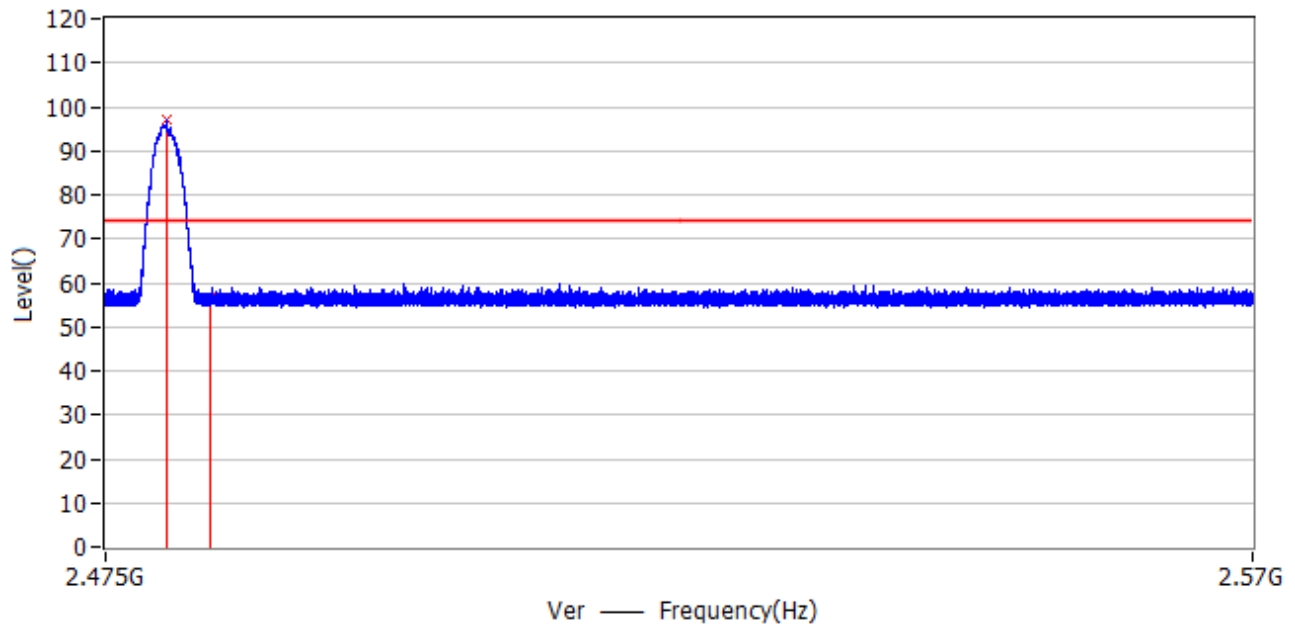
No.	Frequency (GHz)	Limit (dBμV/m)	Level (dBμV/m)	Delta dB	Factor dB	Detector	Polar
1	2.480 GHz	N/A	103.6	N/A	30.5	PK	Hor
2	2.4835 GHz	74.0	55.8	-18.2	30.5	PK	Hor

No.	Frequency (GHz)	PK Level (dBμV/m)	AV Level (dBμV/m)	Delta dB	Limit (dBμV/m)	Factor dB	Polar
1	2.480 GHz	103.6	99.6	N/A	N/A	-4.0	Hor
2	2.4835 GHz	55.8	51.8	-2.2	54.0	-4.0	Hor

Note: Level = Reading Level + Factor

Factor = Antenna factor + Cable Loss

Product Name	: Massage Chair	Power	: 120V/60Hz
Test Mode	: Mode 3: Transmit-3Mbps(8DPSK _DH3)	Test Site	: Chamber
Test Date	: 2021.08.11	Test Engineer	: Heaven
Polarization	: Vertical	High Frequency	: 2480MHz



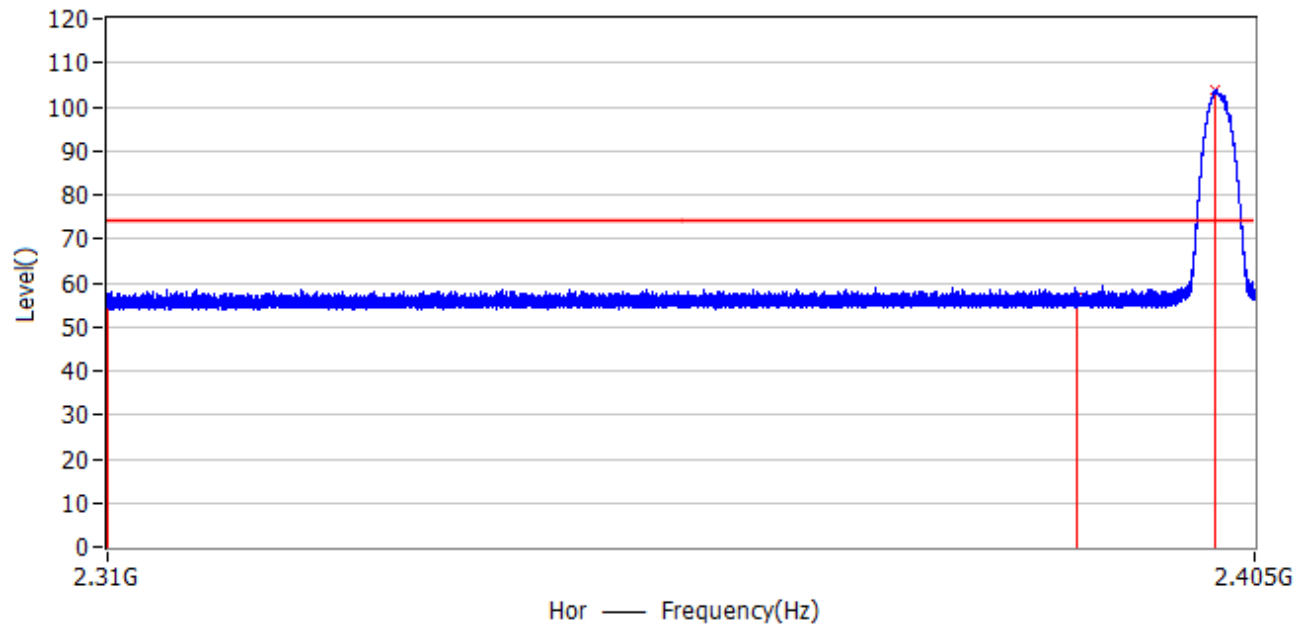
No.	Frequency (GHz)	Limit (dBμV/m)	Level (dBμV/m)	Delta dB	Factor dB	Detector	Polar
1	2.480 GHz	N/A	96.9	N/A	30.5	PK	Ver
2	2.4835 GHz	74.0	56.7	-17.3	30.5	PK	Ver

No.	Frequency (GHz)	PK Level (dBμV/m)	AV Level (dBμV/m)	Delta dB	Limit (dBμV/m)	Factor dB	Polar
1	2.480 GHz	96.9	92.9	N/A	N/A	-4.0	Ver
2	2.4835 GHz	56.7	52.7	-1.3	54.0	-4.0	Ver

Note: Level = Reading Level + Factor

Factor = Antenna factor + Cable Loss

Product Name	: Massage Chair	Power	: 120V/60Hz
Test Mode	: Mode 3: Transmit-3Mbps(8DPSK _DH5)	Test Site	: Chamber
Test Date	: 2021.08.11	Test Engineer	: Heaven
Polarization	: Horizontal	Low Frequency	: 2402MHz



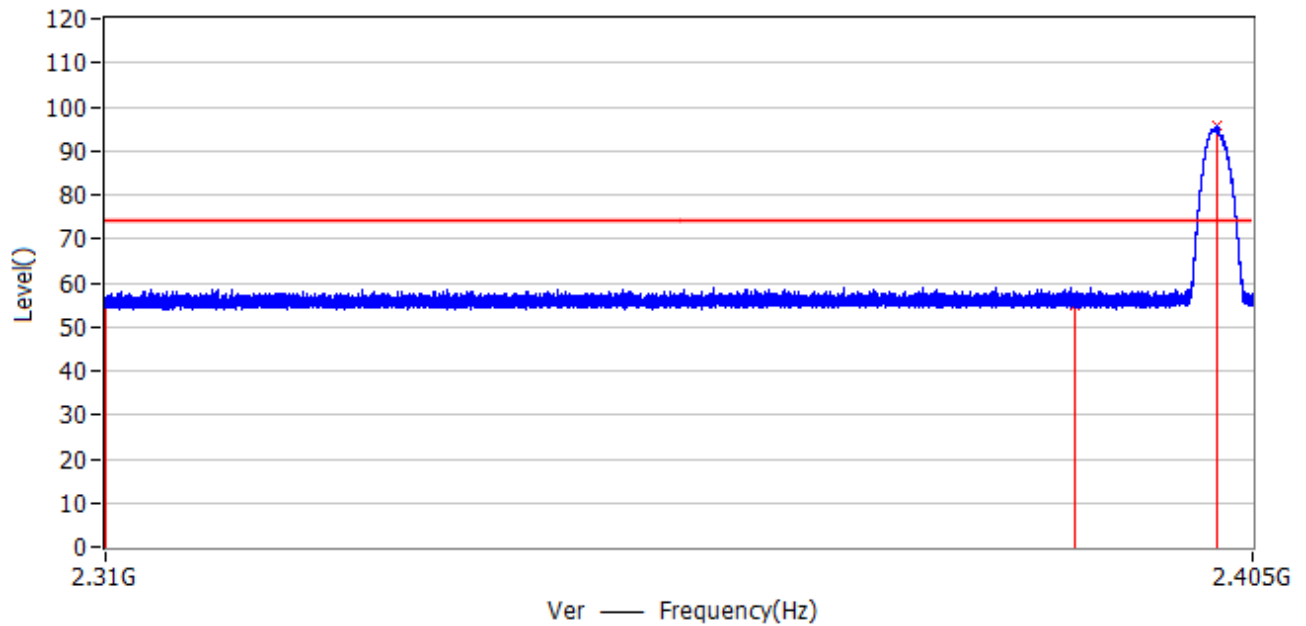
No.	Frequency (GHz)	Limit (dBμV/m)	Level (dBμV/m)	Delta dB	Factor dB	Detector	Polar
1	2.310 GHz	74.0	55.0	-19.0	30.0	PK	Hor
2	2.390 GHz	74.0	55.8	-18.2	30.2	PK	Hor
3	2.402 GHz	N/A	103.8	N/A	30.3	PK	Hor

No.	Frequency (GHz)	PK Level (dBμV/m)	AV Level (dBμV/m)	Delta dB	Limit (dBμV/m)	Factor dB	Polar
1	2.310 GHz	55.0	43.4	-10.6	54.0	-2.2	Hor
2	2.390 GHz	55.8	53.6	-0.4	54.0	-2.2	Hor
3	2.402 GHz	103.8	101.6	N/A	N/A	-2.2	Hor

Note: Level = Reading Level + Factor

Factor = Antenna factor + Cable Loss

Product Name	: Massage Chair	Power	: 120V/60Hz
Test Mode	: Mode 3: Transmit-3Mbps(8DPSK _DH5)	Test Site	: Chamber
Test Date	: 2021.08.11	Test Engineer	: Heaven
Polarization	: Vertical	Low Frequency	: 2402MHz



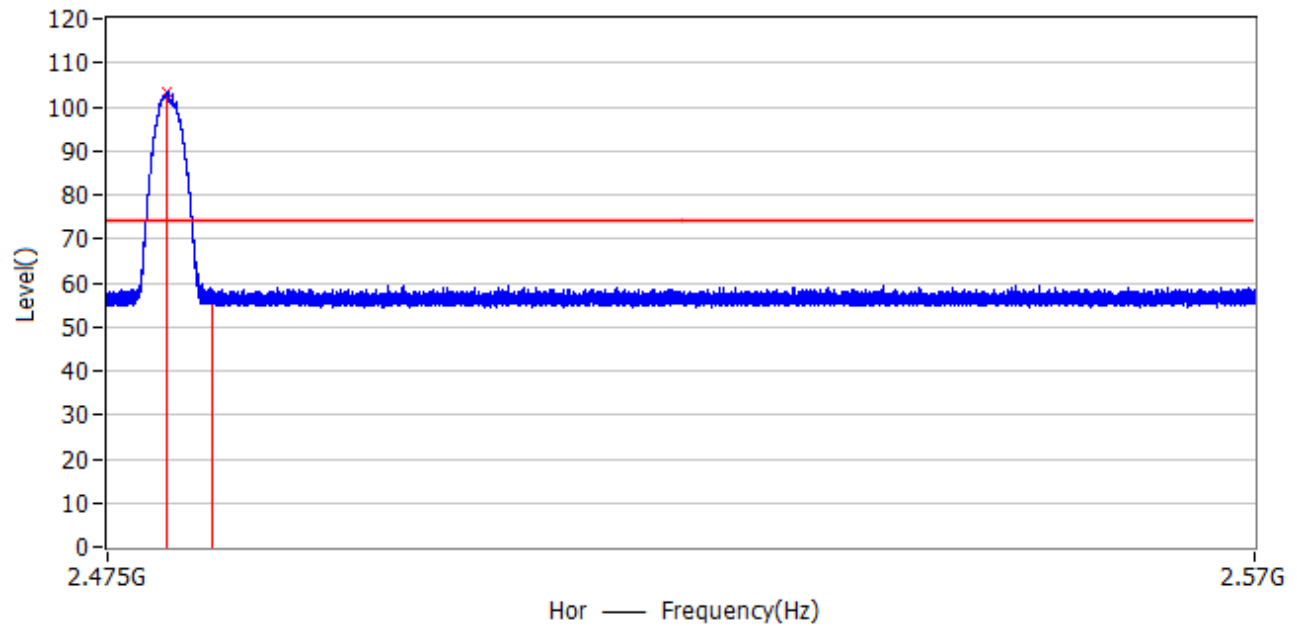
No.	Frequency (GHz)	Limit (dBμV/m)	Level (dBμV/m)	Delta dB	Factor dB	Detector	Polar
1	2.310 GHz	74.0	55.7	-18.3	30.0	PK	Ver
2	2.390 GHz	74.0	54.8	-19.2	30.2	PK	Ver
3	2.402 GHz	N/A	95.7	N/A	30.3	PK	Ver

No.	Frequency (GHz)	PK Level (dBμV/m)	AV Level (dBμV/m)	Delta dB	Limit (dBμV/m)	Factor dB	Polar
1	2.310 GHz	55.7	53.5	-0.5	54.0	-2.2	Ver
2	2.390 GHz	54.8	52.6	-1.4	54.0	-2.2	Ver
3	2.402 GHz	95.7	93.5	N/A	N/A	-2.2	Ver

Note: Level = Reading Level + Factor

Factor = Antenna factor + Cable Loss

Product Name	: Massage Chair	Power	: 120V/60Hz
Test Mode	: Mode 3: Transmit-3Mbps(8DPSK _DH5)	Test Site	: Chamber
Test Date	: 2021.08.11	Test Engineer	: Heaven
Polarization	: Horizontal	High Frequency	: 2480MHz



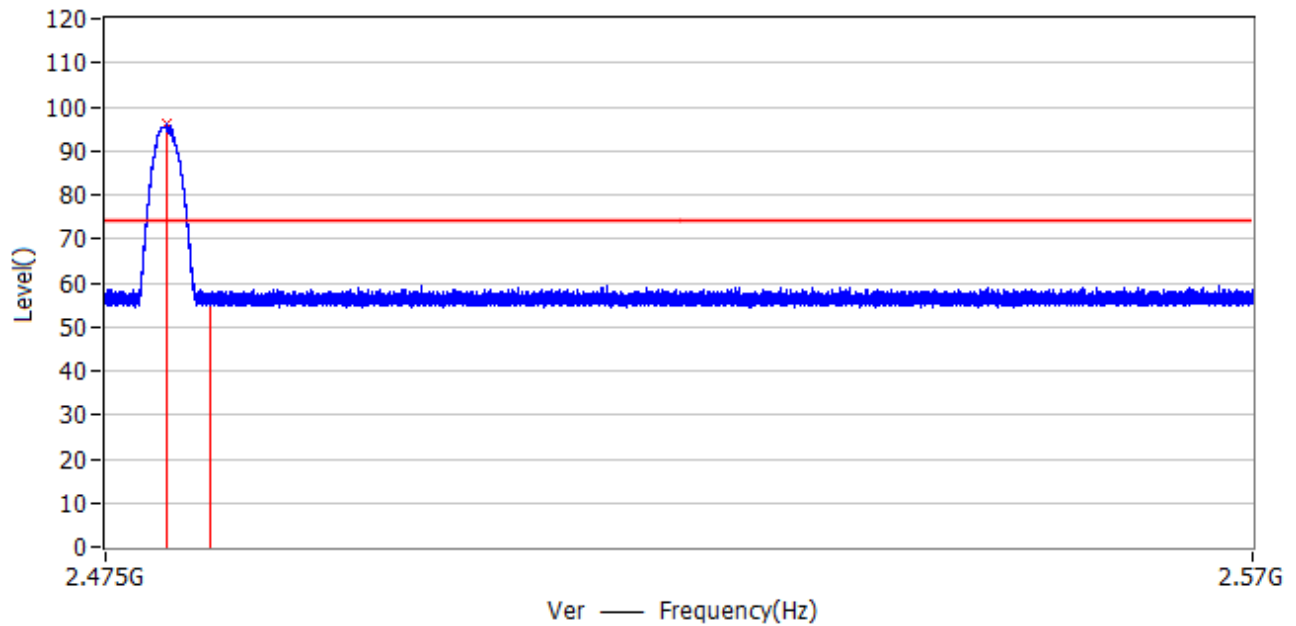
No.	Frequency (GHz)	Limit (dBμV/m)	Level (dBμV/m)	Delta dB	Factor dB	Detector	Polar
1	2.480 GHz	N/A	103.2	N/A	30.5	PK	Hor
2	2.4835 GHz	74.0	56.0	-18.0	30.5	PK	Hor

No.	Frequency (GHz)	PK Level (dBμV/m)	AV Level (dBμV/m)	Delta dB	Limit (dBμV/m)	Factor dB	Polar
1	2.480 GHz	103.2	101.0	N/A	N/A	-2.2	Hor
2	2.4835 GHz	56.0	53.8	-0.2	54.0	-2.2	Hor

Note: Level = Reading Level + Factor

Factor = Antenna factor + Cable Loss

Product Name	: Massage Chair	Power	: 120V/60Hz
Test Mode	: Mode 3: Transmit-3Mbps(8DPSK _DH5)	Test Site	: Chamber
Test Date	: 2021.08.11	Test Engineer	: Heaven
Polarization	: Vertical	High Frequency	: 2480MHz



No.	Frequency (GHz)	Limit (dBμV/m)	Level (dBμV/m)	Delta dB	Factor dB	Detector	Polar
1	2.480 GHz	N/A	96.2	N/A	30.5	PK	Ver
2	2.4835 GHz	74.0	55.8	-18.2	30.5	PK	Ver

No.	Frequency (GHz)	PK Level (dBμV/m)	AV Level (dBμV/m)	Delta dB	Limit (dBμV/m)	Factor dB	Polar
1	2.480 GHz	96.2	94.0	N/A	N/A	-2.2	Ver
2	2.4835 GHz	55.8	53.6	-0.4	54.0	-2.2	Ver

Note: Level = Reading Level + Factor

Factor = Antenna factor + Cable Loss

12. Antenna Requirement

12.1. Limit

Antenna Requirement Limit	
An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of §15.211, §15.213, §15.217, §15.219, or §15.221. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with §15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.	

12.2. Antenna Connector Construction

Antenna Connector Construction	
☐	The use of a permanently attached antenna
☐	The antenna use of a unique coupling to the intentional radiator
☒	The use of a nonstandard antenna jack or electrical connector
Please refer to the attached document "Internal Photograph" to show the antenna connector.	

_____ The End _____