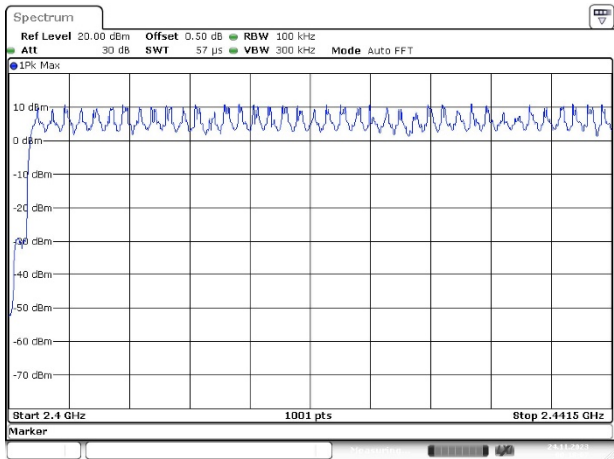


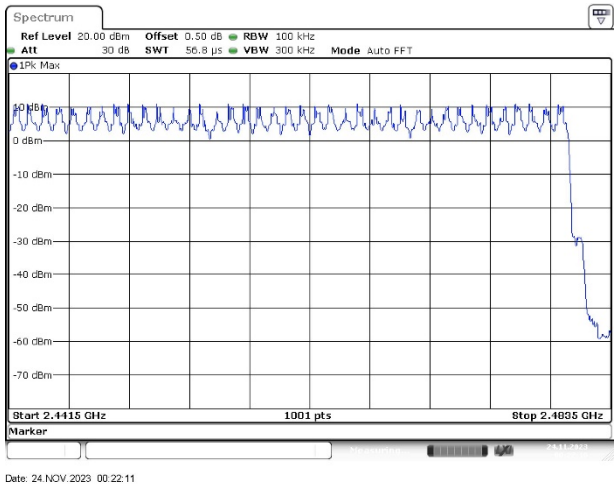
Product : Wireless headphone
Test Item : Channel Number
Test Mode : Transmit-2 Mbps_Right
Test Date : 2023/11/24

Frequency Range (MHz)	Measurement (Hopping Channel)	Required Limit (Hopping Channel)	Result
2402 ~ 2480	79	>15	Pass

2402 MHz



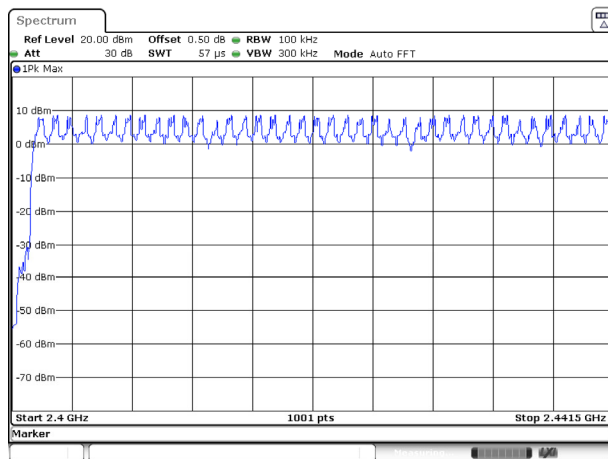
2480 MHz



Product : Wireless headphone
Test Item : Channel Number
Test Mode : Transmit-3 Mbps_Right
Test Date : 2023/09/05

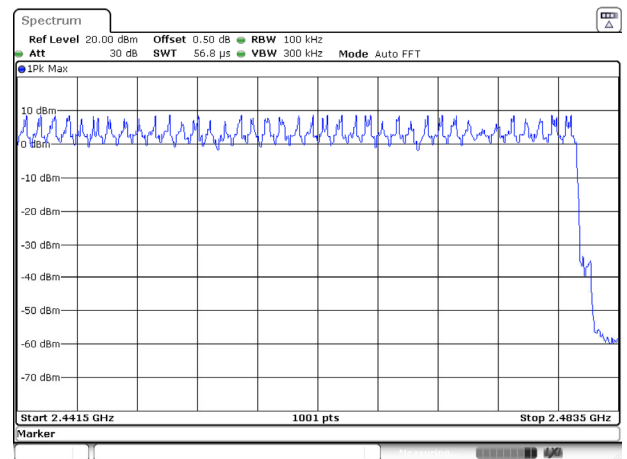
Frequency Range (MHz)	Measurement (Hopping Channel)	Required Limit (Hopping Channel)	Result
2402 ~ 2480	79	>15	Pass

2402 MHz



Date: 5 SEP 2023 12:54:06

2480 MHz

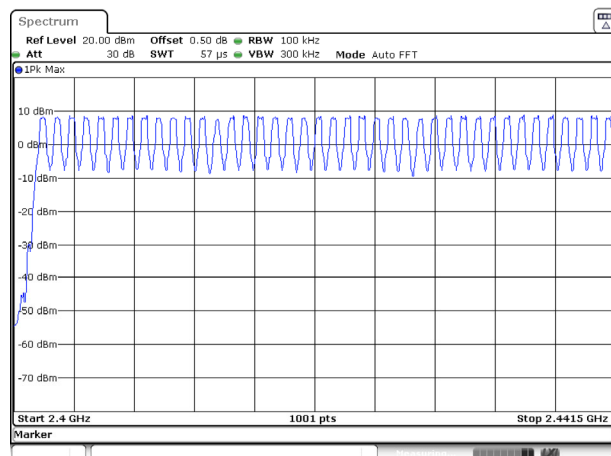


Date: 5 SEP 2023 12:58:48

Product : Wireless headphone
Test Item : Channel Number
Test Mode : Transmit-1 Mbps_Left
Test Date : 2023/09/05

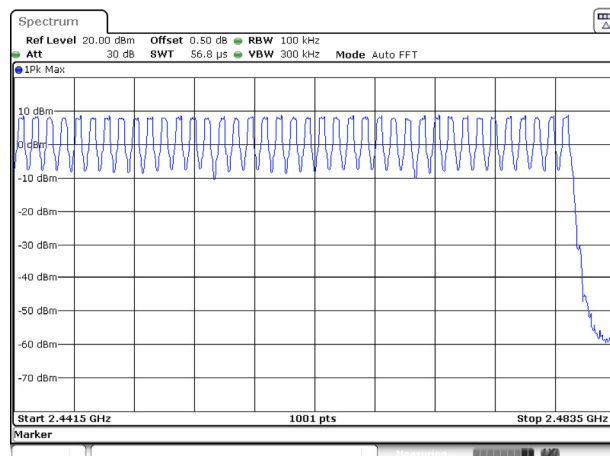
Frequency Range (MHz)	Measurement (Hopping Channel)	Required Limit (Hopping Channel)	Result
2402 ~ 2480	79	>15	Pass

2402 MHz



Date: 5 SEP 2023 10:00:14

2480 MHz

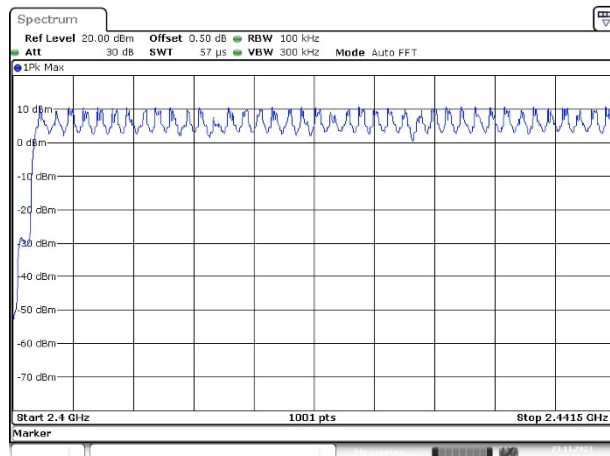


Date: 5 SEP 2023 10:03:11

Product : Wireless headphone
Test Item : Channel Number
Test Mode : Transmit-2 Mbps_Left
Test Date : 2023/11/23

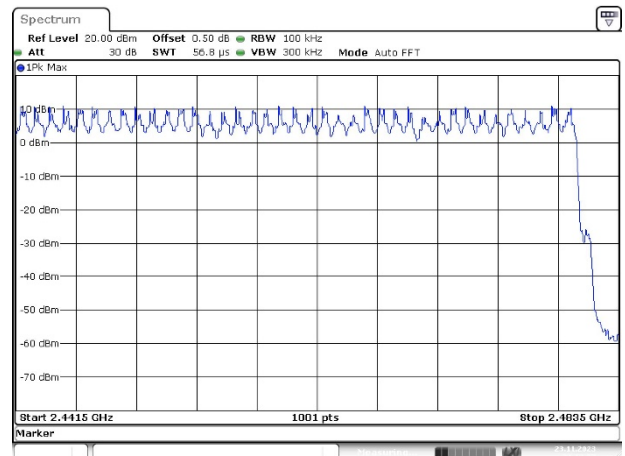
Frequency Range (MHz)	Measurement (Hopping Channel)	Required Limit (Hopping Channel)	Result
2402 ~ 2480	79	>15	Pass

2402 MHz



Date: 23 NOV 2023 22:10:54

2480 MHz

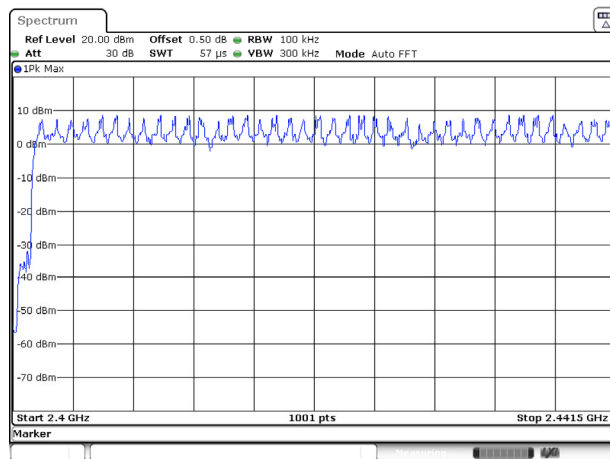


Date: 23 NOV 2023 22:12:27

Product : Wireless headphone
Test Item : Channel Number
Test Mode : Transmit-3 Mbps_Left
Test Date : 2023/09/05

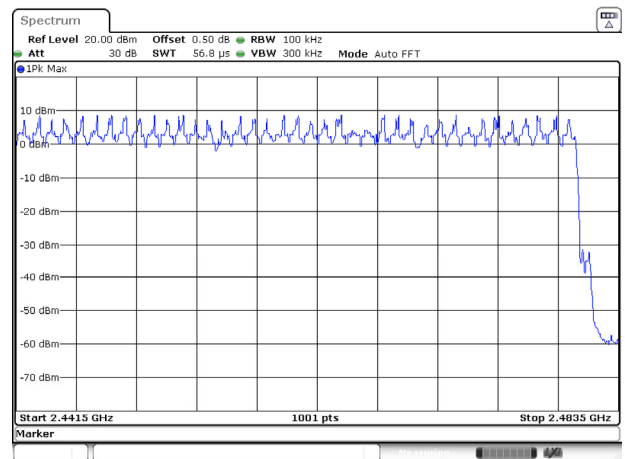
Frequency Range (MHz)	Measurement (Hopping Channel)	Required Limit (Hopping Channel)	Result
2402 ~ 2480	79	>15	Pass

2402 MHz



Date: 5 SEP 2023 10:05:01

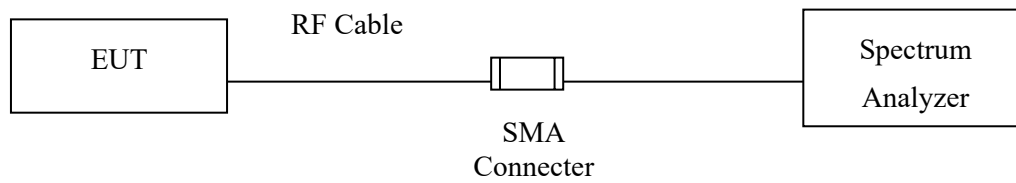
2480 MHz



Date: 5 SEP 2023 10:09:01

8. Channel Separation

8.1. Test Setup



8.2. Limit

Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater.

8.3. Test Procedure

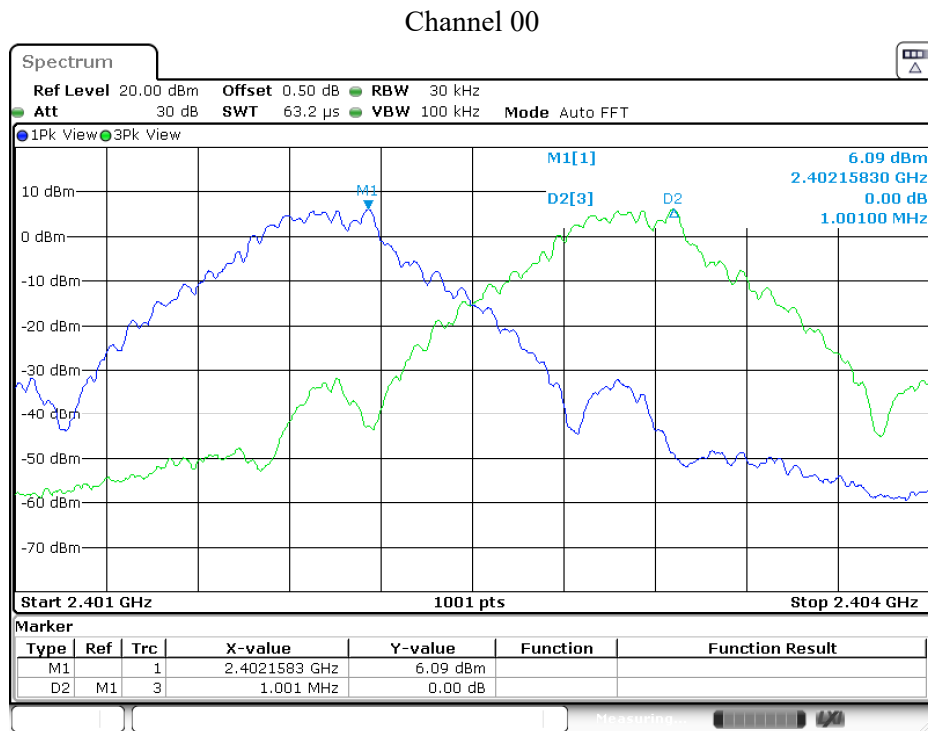
Tested according to FHSS test procedure of KDB558074 section 9 (b for compliance to FCC 47CFR 15.247 requirements.

8.4. Test Result of Channel Separation

Product : Wireless headphone
 Test Item : Channel Separation
 Test Mode : Transmit-1 Mbps_Right
 Test Date : 2023/09/05

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Limit (kHz)	Limit of (2/3)*20dB Bandwidth (kHz)	Result
00	2402	1001	>25 kHz	635.3	Pass
39	2441	1001	>25 kHz	635.3	Pass
78	2480	998	>25 kHz	635.3	Pass

Note: The 20dB Bandwidth is refer to section 10.



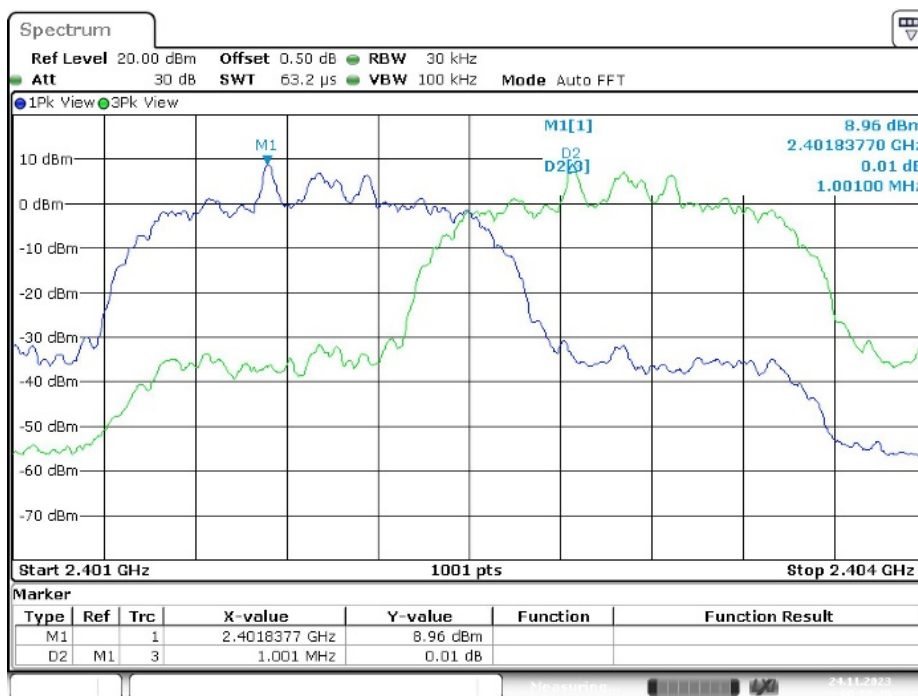
Date: 5.SEP.2023 10:35:57

Product : Wireless headphone
 Test Item : Channel Separation
 Test Mode : Transmit-2 Mbps_Right
 Test Date : 2023/11/24

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Limit (kHz)	Limit of (2/3)*20dB Bandwidth (kHz)	Result
00	2402	1001	>25 kHz	823.2	Pass
39	2441	1001	>25 kHz	825.2	Pass
78	2480	1001	>25 kHz	825.2	Pass

Note: The 20dB Bandwidth is refer to section 10.

Channel 00

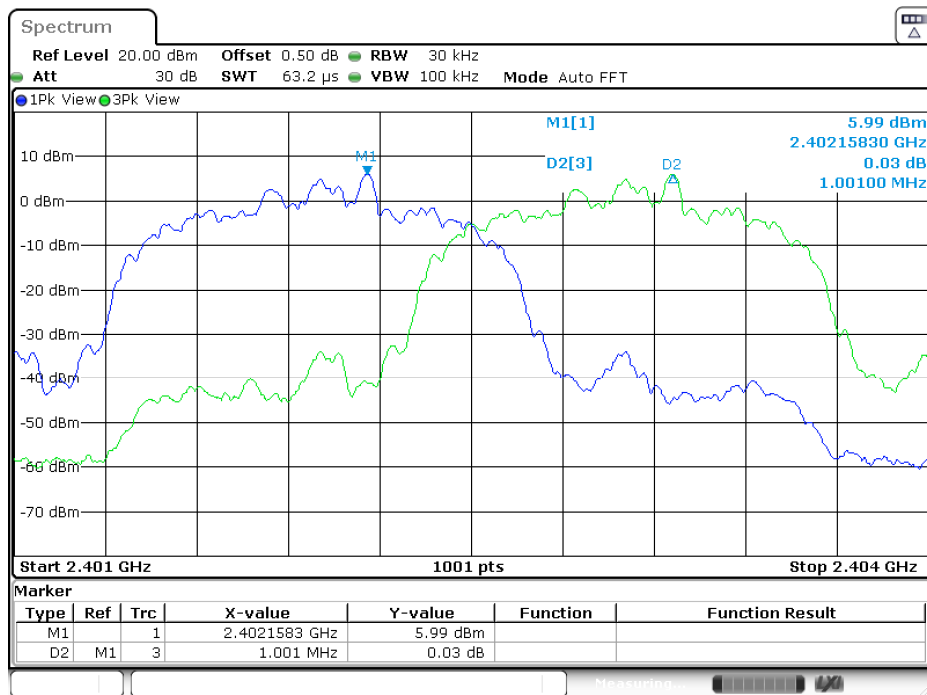


Product : Wireless headphone
 Test Item : Channel Separation
 Test Mode : Transmit-3 Mbps_Right
 Test Date : 2023/09/05

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Limit (kHz)	Limit of (2/3)*20dB Bandwidth (kHz)	Result
00	2402	1001	>25 kHz	841.1	Pass
39	2441	1001	>25 kHz	841.1	Pass
78	2480	1001	>25 kHz	841.1	Pass

Note: The 20dB Bandwidth is refer to section 10.

Channel 00



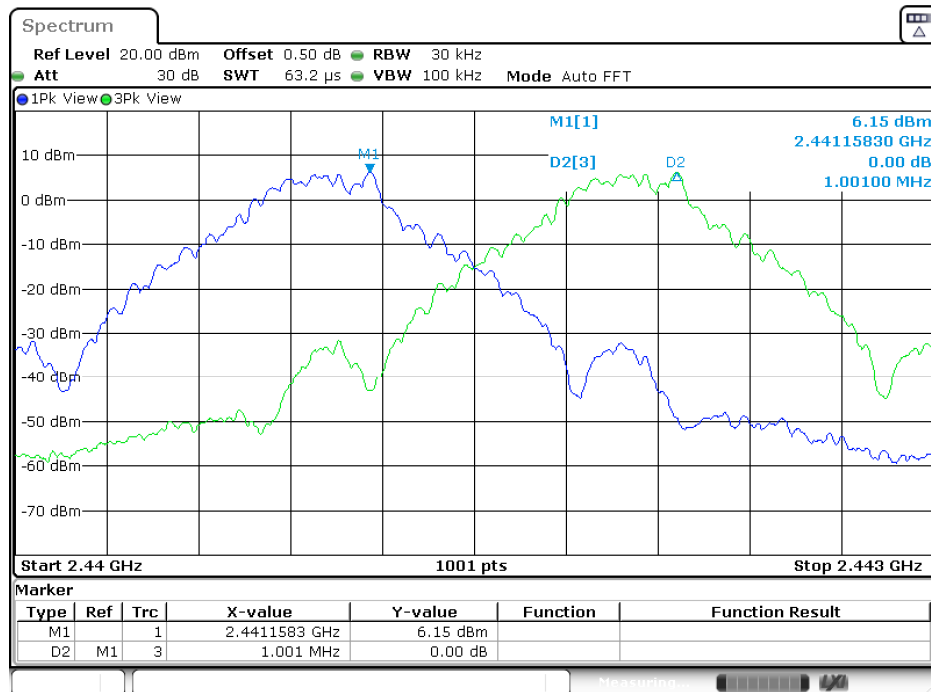
Date: 5.SEP.2023 12:31:01

Product : Wireless headphone
 Test Item : Channel Separation
 Test Mode : Transmit-1 Mbps_Left
 Test Date : 2023/09/05

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Limit (kHz)	Limit of (2/3)*20dB Bandwidth (kHz)	Result
00	2402	998	>25 kHz	635.4	Pass
39	2441	1001	>25 kHz	637.4	Pass
78	2480	998	>25 kHz	635.3	Pass

Note: The 20dB Bandwidth is refer to section 10.

Channel 39



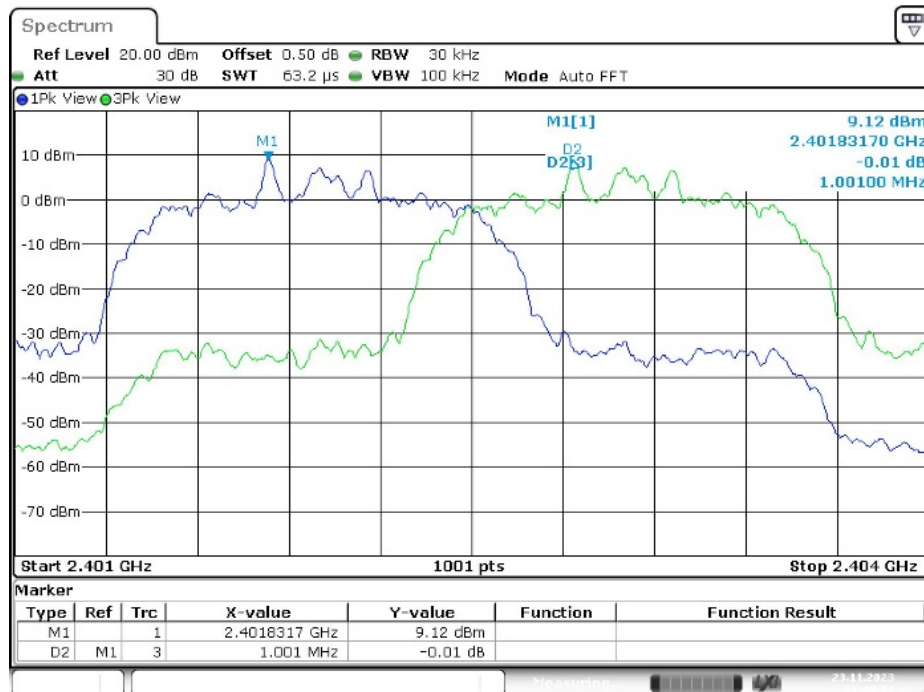
Date: 5.SEP.2023 09:43:36

Product : Wireless headphone
 Test Item : Channel Separation
 Test Mode : Transmit-2 Mbps_Left
 Test Date : 2023/11/23

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Limit (kHz)	Limit of (2/3)*20dB Bandwidth (kHz)	Result
00	2402	1001	>25 kHz	825.2	Pass
39	2441	1001	>25 kHz	827.2	Pass
78	2480	1001	>25 kHz	827.2	Pass

Note: The 20dB Bandwidth is refer to section 10.

Channel 00



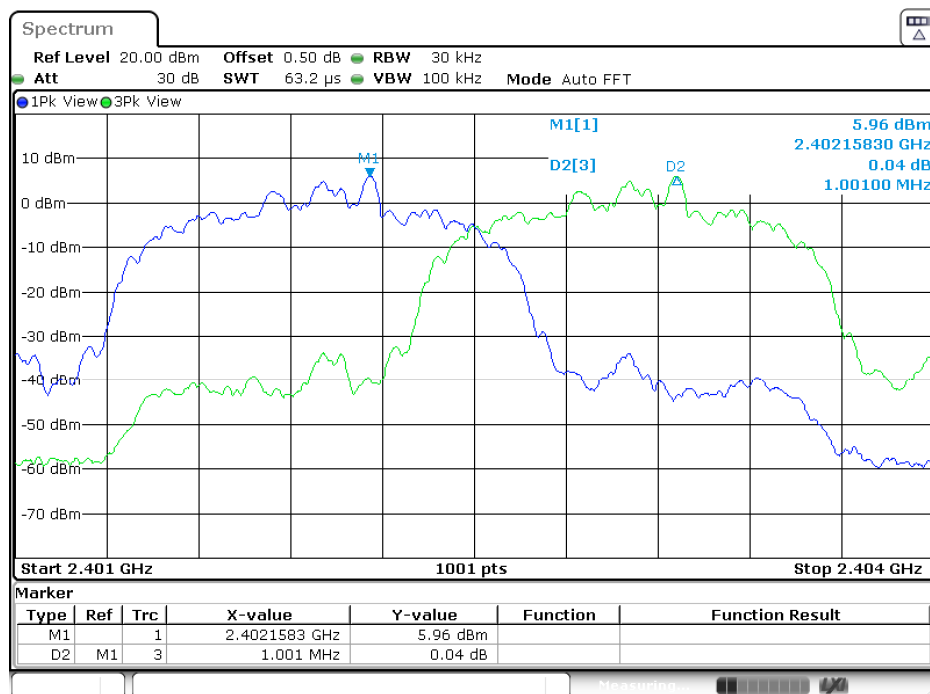
Date: 23.NOV.2023 21:48:03

Product : Wireless headphone
 Test Item : Channel Separation
 Test Mode : Transmit-3 Mbps_Left
 Test Date : 2023/09/05

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Limit (kHz)	Limit of (2/3)*20dB Bandwidth (kHz)	Result
00	2402	1001	>25 kHz	839.1	Pass
39	2441	1001	>25 kHz	841.1	Pass
78	2480	998	>25 kHz	841.1	Pass

Note: The 20dB Bandwidth is refer to section 10.

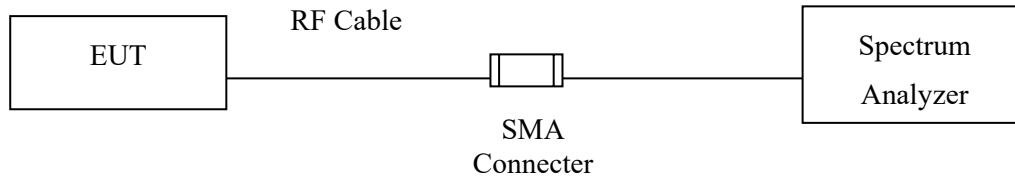
Channel 00



Date: 5.SEP.2023 09:51:13

9. Dwell Time

9.1. Test Setup



9.2. Limit

The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by the number of hopping channels employed.

9.3. Test Procedure

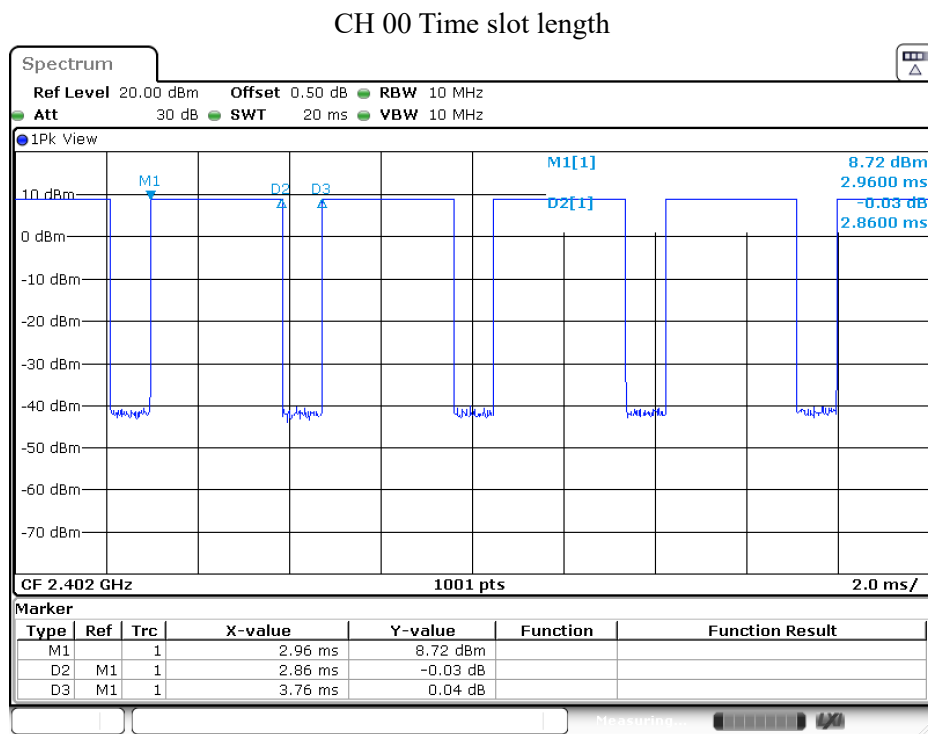
Tested according to FHSS test procedure of KDB558074 section 9 (b for compliance to FCC 47CFR 15.247 requirements.

9.4. Test Result of Dwell Time

Product : Wireless headphone
 Test Item : Dwell Time
 Test Mode : Transmit-1 Mbps (Channel 00, 39, 78)_Right
 Test Date : 2023/09/05

Frequency (MHz)	Time slot length (ms)	Period (sec)	(calculation)	Dwell Time (ms)	Limit (ms)	Result
2402	2.860	31.6	$\text{Time}(\text{sec}) \times (266.67/79) \times 31.6$	305.070	400	Pass
2441	2.860	31.6	$\text{Time}(\text{sec}) \times (266.67/79) \times 31.6$	305.070	400	Pass
2480	2.860	31.6	$\text{Time}(\text{sec}) \times (266.67/79) \times 31.6$	305.070	400	Pass

Note: Dwell time = Time slot length * calculation

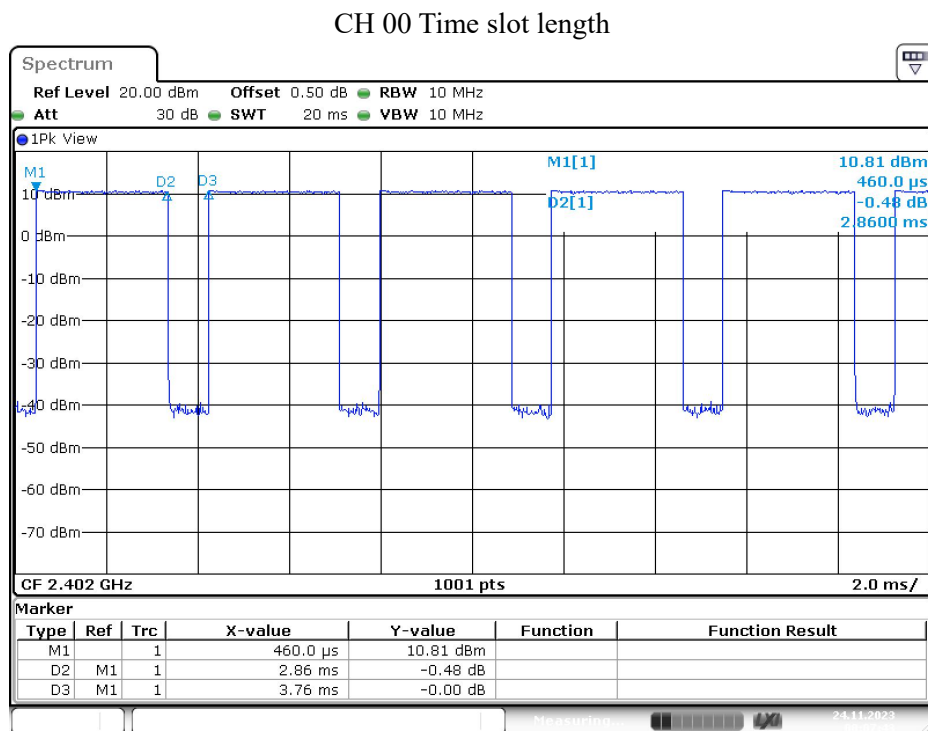


Date: 5.SEP.2023 10:34:30

Product : Wireless headphone
 Test Item : Dwell Time
 Test Mode : Transmit-2 Mbps (Channel 00, 39, 78)_Right
 Test Date : 2023/11/24

Frequency (MHz)	Time slot length (ms)	Period (sec)	(calculation)	Dwell Time (ms)	Limit (ms)	Result
2402	2.860	31.6	$\text{Time}(\text{sec}) \times (266.67/79) \times 31.6$	305.070	400	Pass
2441	2.860	31.6	$\text{Time}(\text{sec}) \times (266.67/79) \times 31.6$	305.070	400	Pass
2480	2.860	31.6	$\text{Time}(\text{sec}) \times (266.67/79) \times 31.6$	305.070	400	Pass

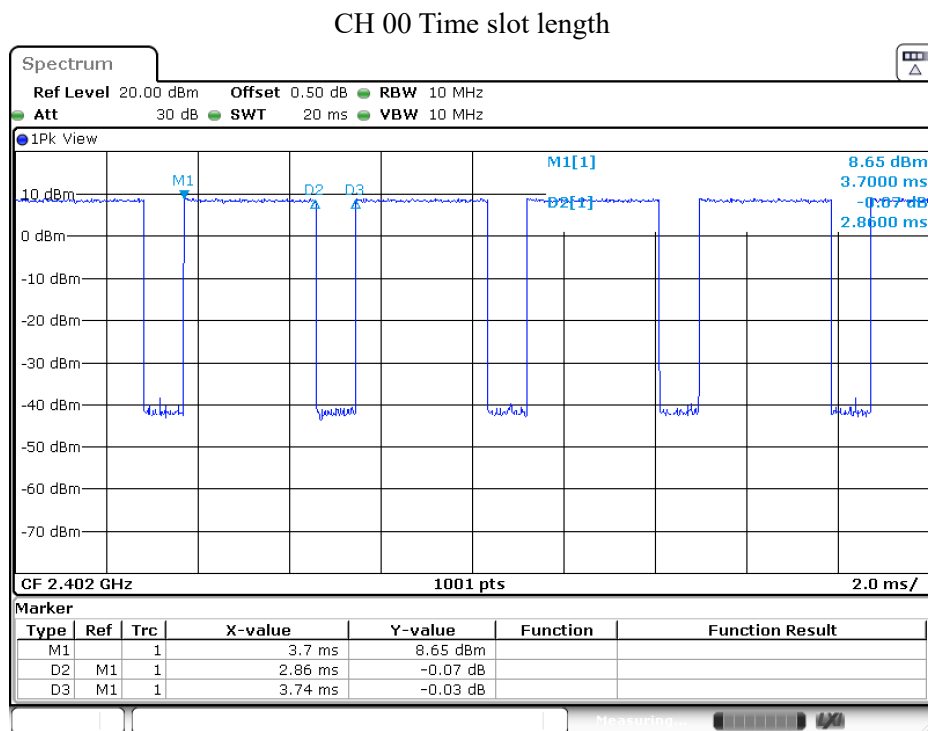
Note: Dwell time = Time slot length * calculation



Product : Wireless headphone
 Test Item : Dwell Time
 Test Mode : Transmit-3 Mbps (Channel 00, 39, 78)_Right
 Test Date : 2023/09/05

Frequency (MHz)	Time slot length (ms)	Period (sec)	(calculation)	Dwell Time (ms)	Limit (ms)	Result
2402	2.860	31.6	$\text{Time(sec)} \times (266.67/79) \times 31.6$	305.070	400	Pass
2441	2.860	31.6	$\text{Time(sec)} \times (266.67/79) \times 31.6$	305.070	400	Pass
2480	2.860	31.6	$\text{Time(sec)} \times (266.67/79) \times 31.6$	305.070	400	Pass

Note: Dwell time = Time slot length * calculation



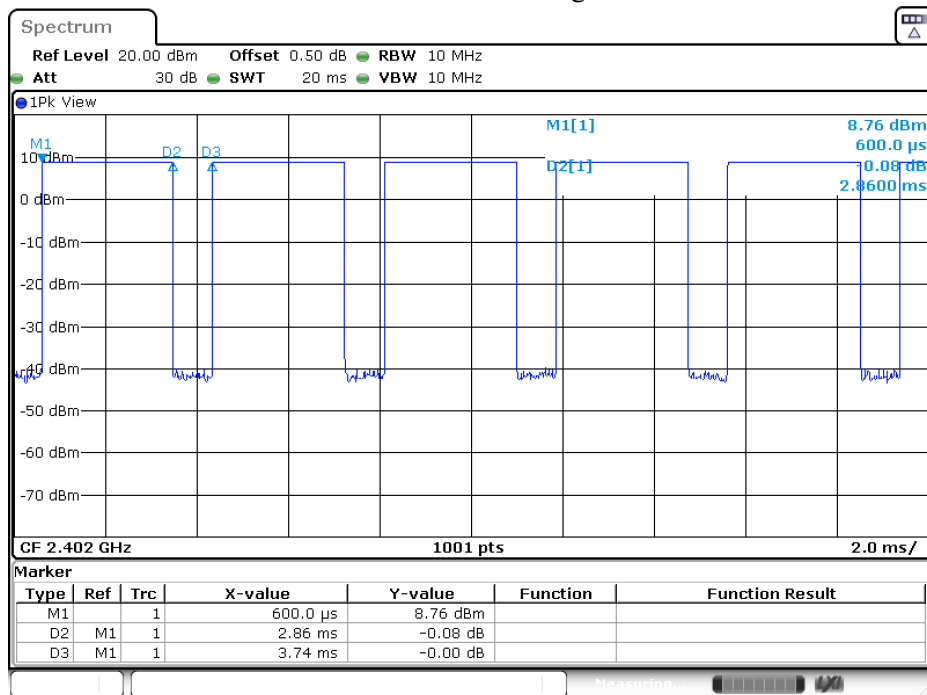
Date: 5.SEP.2023 12:29:59

Product : Wireless headphone
 Test Item : Dwell Time
 Test Mode : Transmit-1 Mbps (Channel 00, 39, 78)_Left
 Test Date : 2023/09/05

Frequency (MHz)	Time slot length (ms)	Period (sec)	(calculation)	Dwell Time (ms)	Limit (ms)	Result
2402	2.860	31.6	$\text{Time}(\text{sec}) \times (266.67/79) \times 31.6$	305.070	400	Pass
2441	2.860	31.6	$\text{Time}(\text{sec}) \times (266.67/79) \times 31.6$	305.070	400	Pass
2480	2.860	31.6	$\text{Time}(\text{sec}) \times (266.67/79) \times 31.6$	305.070	400	Pass

Note: Dwell time = Time slot length * calculation

CH 00 Time slot length

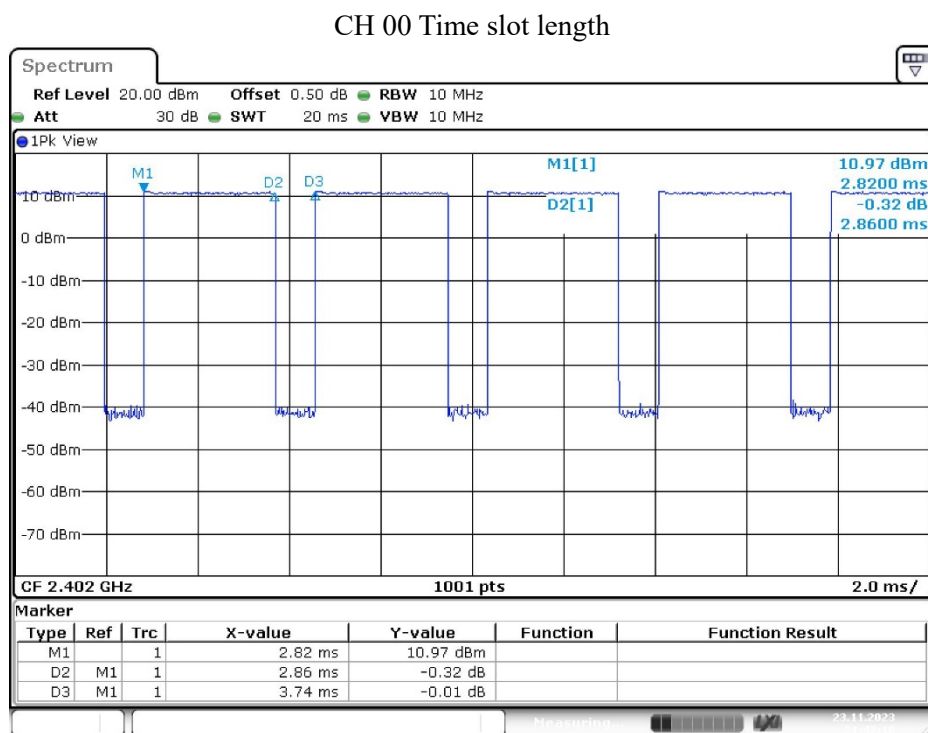


Date: 5.SEP.2023 09:40:08

Product : Wireless headphone
 Test Item : Dwell Time
 Test Mode : Transmit-2 Mbps (Channel 00, 39, 78)_Left
 Test Date : 2023/11/23

Frequency (MHz)	Time slot length (ms)	Period (sec)	(calculation)	Dwell Time (ms)	Limit (ms)	Result
2402	2.860	31.6	$\text{Time(sec)} \times (266.67/79) \times 31.6$	305.070	400	Pass
2441	2.860	31.6	$\text{Time(sec)} \times (266.67/79) \times 31.6$	305.070	400	Pass
2480	2.860	31.6	$\text{Time(sec)} \times (266.67/79) \times 31.6$	305.070	400	Pass

Note: Dwell time = Time slot length * calculation

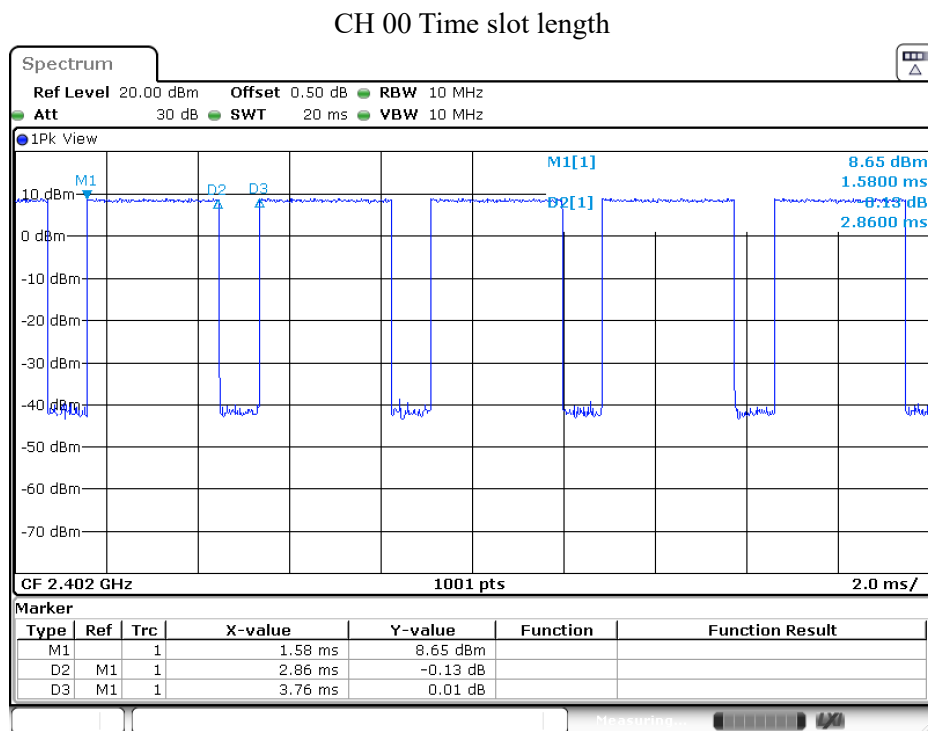


Date: 23.NOV.2023 21:47:09

Product : Wireless headphone
 Test Item : Dwell Time
 Test Mode : Transmit-3 Mbps (Channel 00, 39, 78)_Left
 Test Date : 2023/09/05

Frequency (MHz)	Time slot length (ms)	Period (sec)	(calculation)	Dwell Time (ms)	Limit (ms)	Result
2402	2.860	31.6	$\text{Time(sec)} \times (266.67/79) \times 31.6$	305.070	400	Pass
2441	2.860	31.6	$\text{Time(sec)} \times (266.67/79) \times 31.6$	305.070	400	Pass
2480	2.860	31.6	$\text{Time(sec)} \times (266.67/79) \times 31.6$	305.070	400	Pass

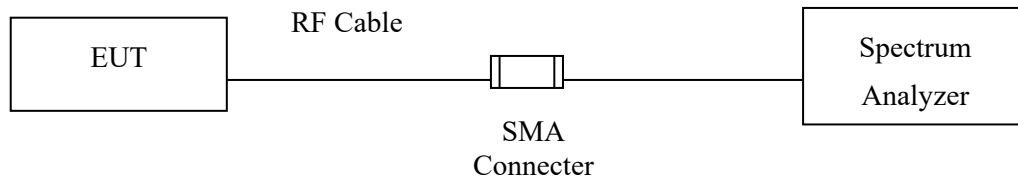
Note: Dwell time = Time slot length * calculation



Date: 5.SEP.2023 09:50:13

10. Occupied Bandwidth

10.1. Test Setup



10.2. Limits

N/A

10.3. Test Procedure

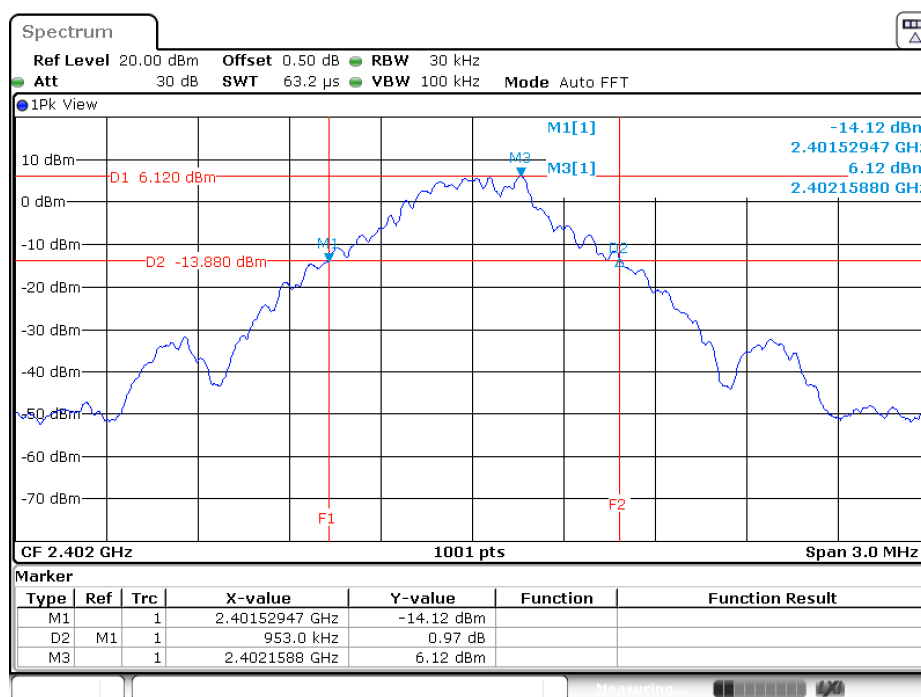
Tested according to FHSS test procedure of KDB558074 section 9 (b for compliance to FCC 47CFR 15.247 requirements.

10.4. Test Result of Occupied Bandwidth

Product : Wireless headphone
 Test Item : Occupied Bandwidth Data
 Test Mode : Transmit-1 Mbps_Right
 Test Date : 2023/09/05

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
00	2402	953	--	NA
39	2441	953	--	NA
78	2480	953	--	NA

Channel 00

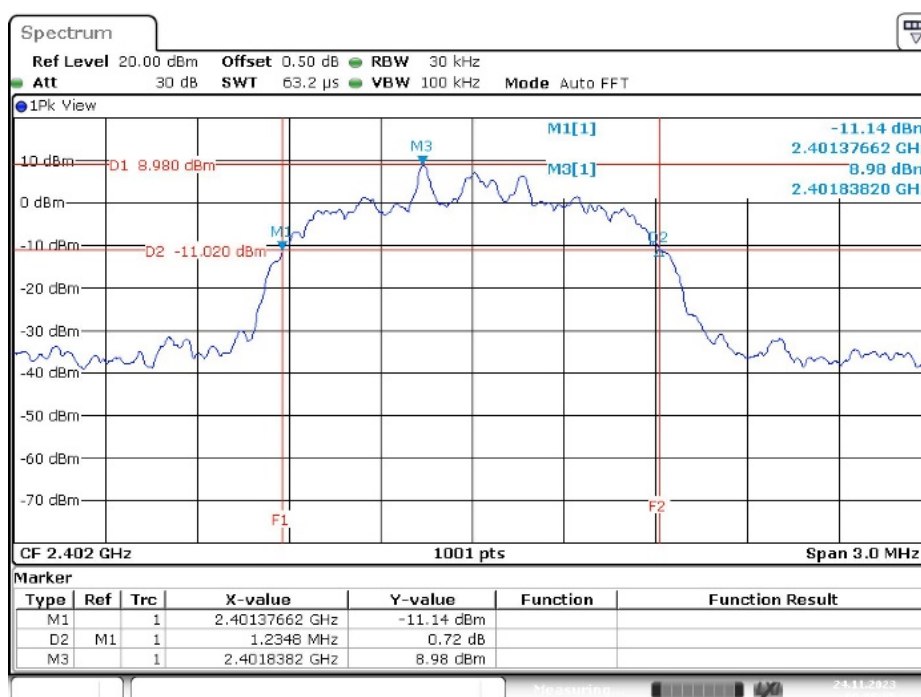


Date: 5.SEP.2023 10:34:53

Product : Wireless headphone
 Test Item : Occupied Bandwidth Data
 Test Mode : Transmit-2 Mbps_Right
 Test Date : 2023/11/24

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
00	2402	1235	--	NA
39	2441	1238	--	NA
78	2480	1238	--	NA

Channel 00

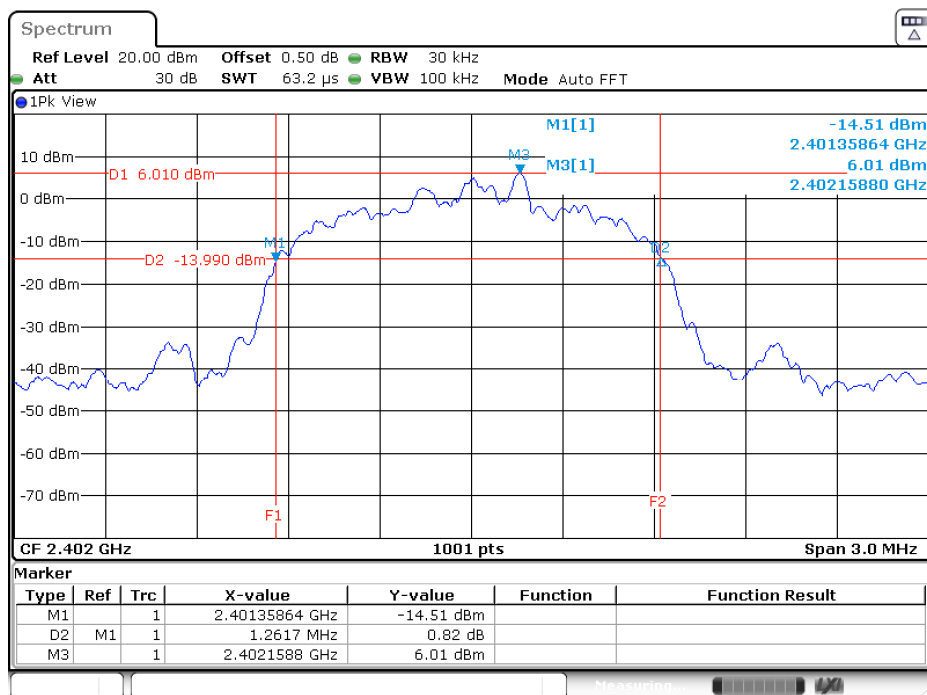


Date: 24 NOV. 2023 00:08:05

Product : Wireless headphone
 Test Item : Occupied Bandwidth Data
 Test Mode : Transmit-3 Mbps_Right
 Test Date : 2023/09/05

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
00	2402	1262	--	NA
39	2441	1262	--	NA
78	2480	1262	--	NA

Channel 00

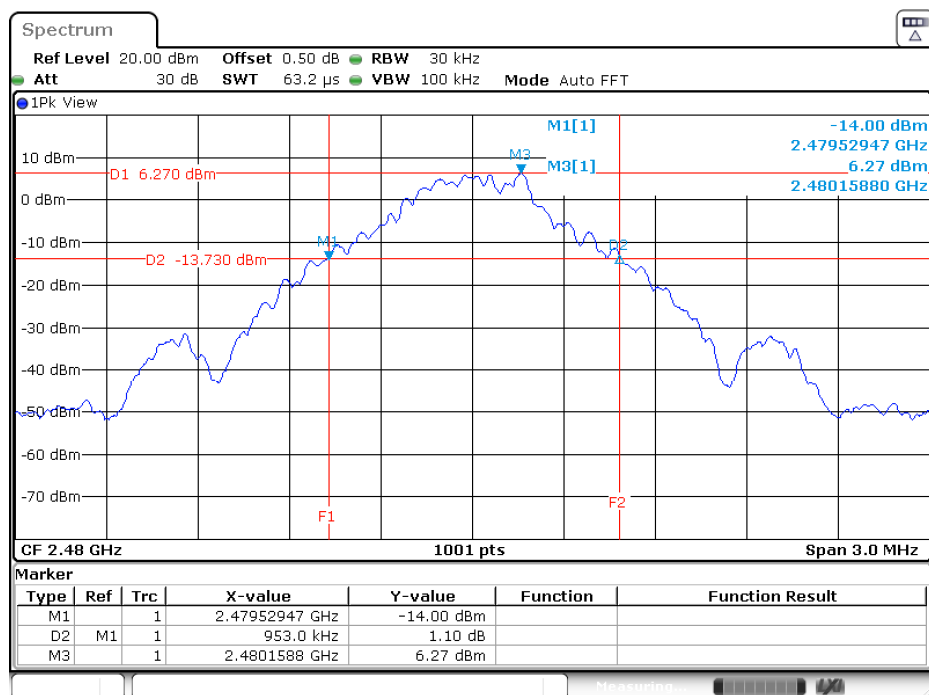


Date: 5.SEP.2023 12:30:20

Product : Wireless headphone
 Test Item : Occupied Bandwidth Data
 Test Mode : Transmit-1 Mbps_Left
 Test Date : 2023/09/05

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
00	2402	953	--	NA
39	2441	956	--	NA
78	2480	953	--	NA

Channel 78

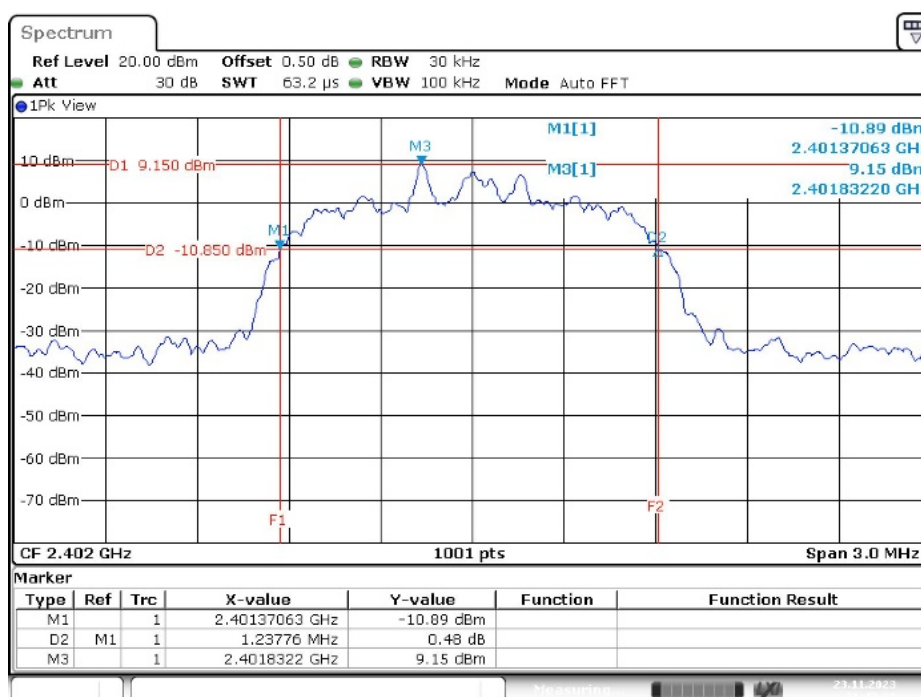


Date: 5 SEP.2023 09:47:21

Product : Wireless headphone
 Test Item : Occupied Bandwidth Data
 Test Mode : Transmit-2 Mbps_Left
 Test Date : 2023/11/23

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
00	2402	1238	--	NA
39	2441	1241	--	NA
78	2480	1241	--	NA

Channel 00

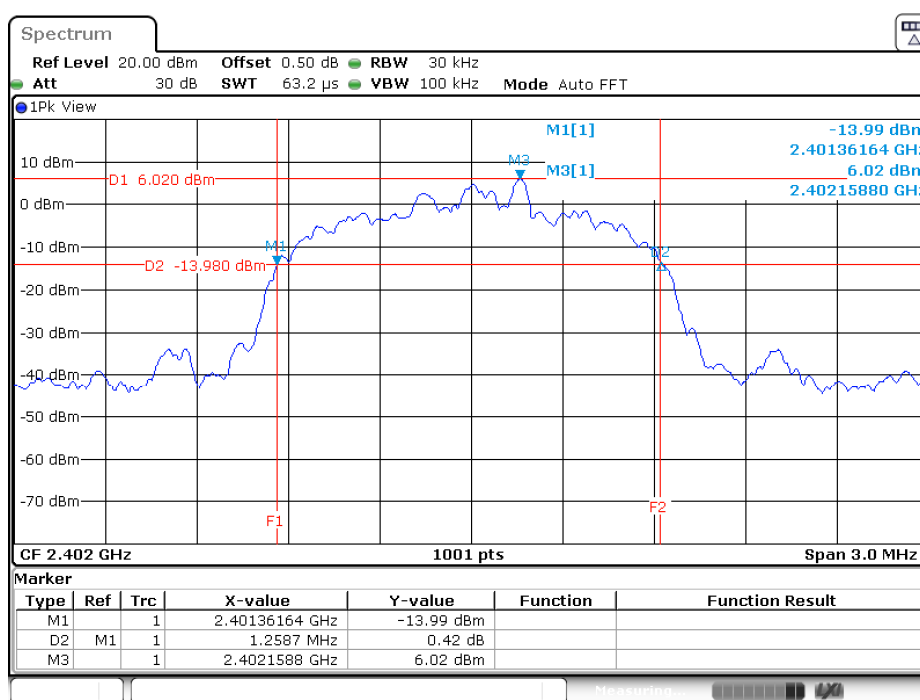


Date: 23 NOV. 2023 21:47:31

Product : Wireless headphone
 Test Item : Occupied Bandwidth Data
 Test Mode : Transmit-3 Mbps_Left
 Test Date : 2023/09/05

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
00	2402	1259	--	NA
39	2441	1262	--	NA
78	2480	1262	--	NA

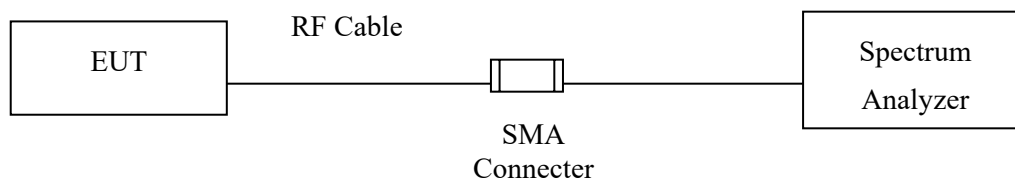
Channel 00



Date: 5.SEP.2023 09:50:34

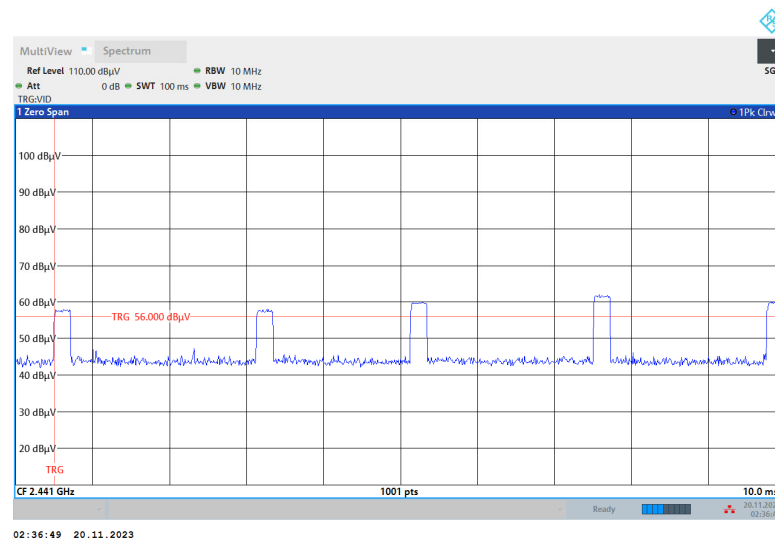
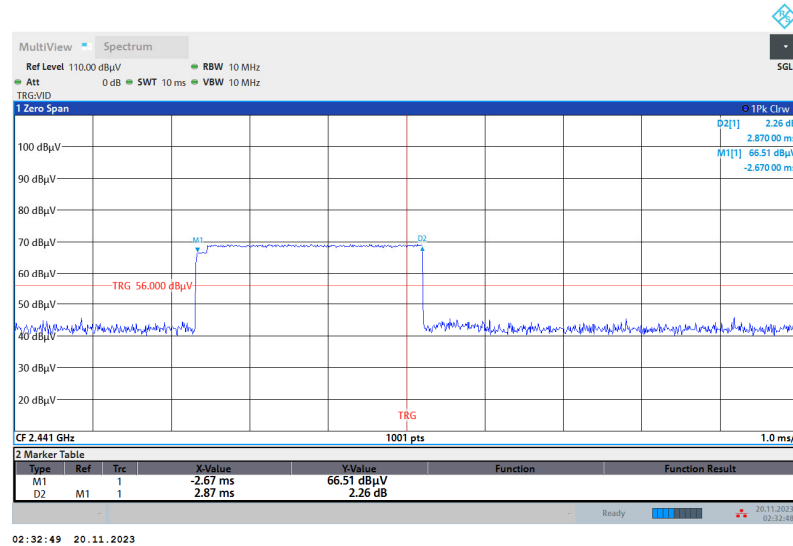
11. Duty Cycle

11.1. Test Setup



11.2. Test Result of Duty Cycle

Product : Wireless headphone
 Test Item : Duty Cycle Data
 Test Mode : Transmit-2 Mbps_Right



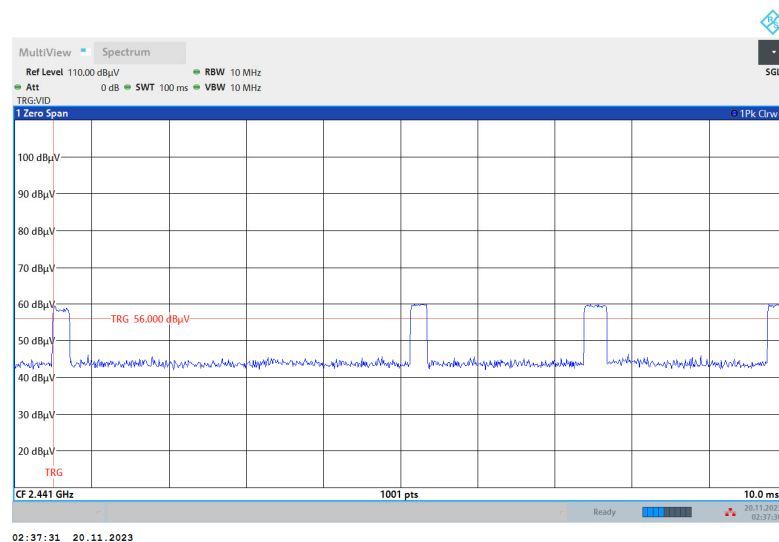
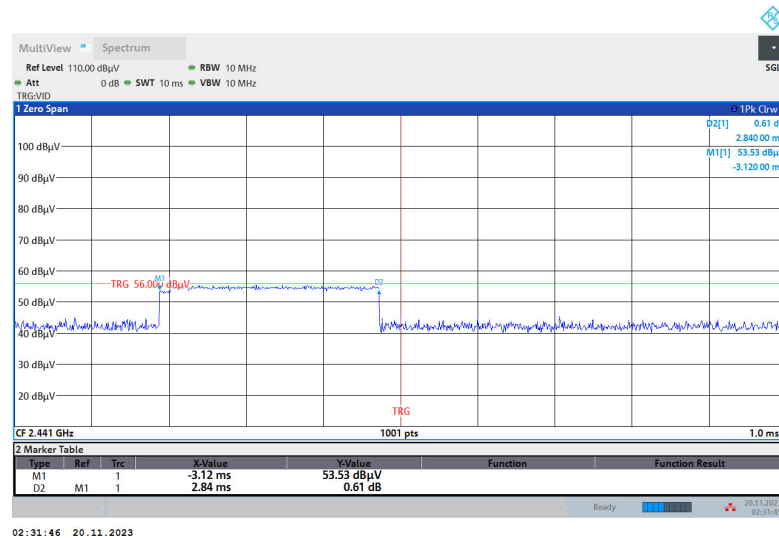
Time on of 100ms = 14.35 msec

Duty Cycle = 14.35 msec / 100 msec = 0.1435

Duty Cycle correction factor = 20 LOG 0.1435 = -16.863 dB

Duty Cycle correction factor	-16.863 dB
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Product : Wireless headphone
 Test Item : Duty Cycle Data
 Test Mode : Transmit-2 Mbps_Left



Time on of 100ms = 11.36 msec

Duty Cycle = 11.36 msec / 100 msec = 0.1136

Duty Cycle correction factor = 20 LOG 0.1136 = -18.892 dB

Duty Cycle correction factor	-18.892 dB
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