

Appendix A: Test Results of Bluetooth BR & EDR

APPENDIX A: TEST RESULTS OF BLUETOOTH BR & EDR	1
APPENDIX A.1: TEST RESULTS OF NUMBER OF HOPPING FREQUENCY	2
<i>BR mode (DH5).....</i>	<i>2</i>
<i>EDR mode (3-DH5).....</i>	<i>3</i>
APPENDIX A.2: TEST RESULTS OF TIME OF OCCUPANCY	4
<i>BR mode (DH5).....</i>	<i>4</i>
<i>EDR mode (3-DH5).....</i>	<i>7</i>
APPENDIX A.3: TEST RESULTS OF 20dB BANDWIDTH	10
<i>BR mode (DH5).....</i>	<i>10</i>
<i>EDR mode (3-DH5).....</i>	<i>13</i>
APPENDIX A.4: TEST RESULTS OF 99% BANDWIDTH	16
<i>BR mode (DH5).....</i>	<i>16</i>
<i>EDR mode (3-DH5).....</i>	<i>17</i>
APPENDIX A.5: TEST RESULTS OF CARRIER FREQUENCY SEPARATION	19
<i>BR mode (DH5).....</i>	<i>19</i>
<i>EDR mode (3-DH5).....</i>	<i>20</i>
APPENDIX A.6: TEST RESULTS OF CONDUCTED SPURIOUS EMISSIONS MEASURED IN 100 kHz BANDWIDTH	22
<i>BR mode (DH5).....</i>	<i>22</i>
<i>Fixed mode, Band Edge.....</i>	<i>22</i>
<i>Fixed mode, Conducted Spurious Emission.....</i>	<i>23</i>
<i>Hopping Mode, Band Edge.....</i>	<i>26</i>
<i>Hopping Mode, Conducted Spurious Emission.....</i>	<i>27</i>
<i>EDR mode (3-DH5).....</i>	<i>28</i>
<i>Fixed mode, Band Edge.....</i>	<i>28</i>
<i>Fixed mode, Conducted Spurious Emission.....</i>	<i>29</i>
<i>Hopping Mode, Band Edge.....</i>	<i>32</i>
<i>Hopping Mode, Conducted Spurious Emission.....</i>	<i>33</i>
APPENDIX A.7: TEST RESULTS OF RADIATED SPURIOUS EMISSIONS	34
30MHz - 1GHz.....	34
1GHz - 18GHz	36
APPENDIX A.8: TEST RESULTS OF RADIATED EMISSIONS IN RESTRICTED BANDS	48
APPENDIX A.9: TEST RESULTS OF CONDUCTED EMISSION ON AC MAINS	52

Appendix A.1: Test Results of Number of Hopping Frequency

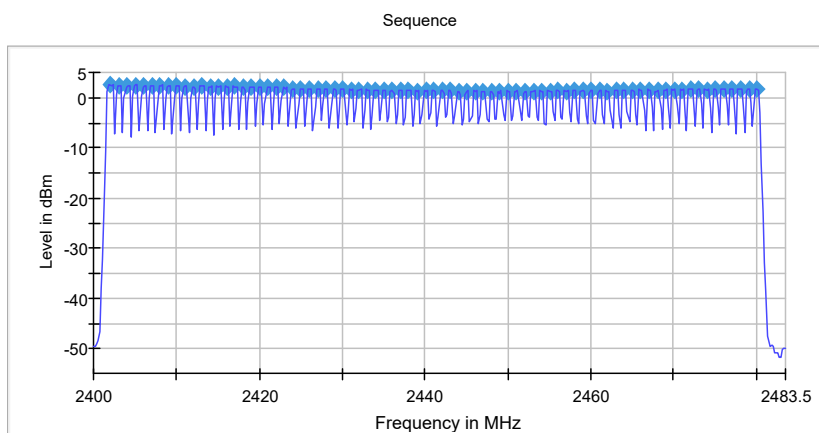
BR mode (DH5)

Hopping Frequencies (frequency independent; 10.000 dBm; 1 MHz)

Test according to FCC title 47 part 15 §15.247(a),(g), KDB 558074 D01 DTS Meas Guidance v04

Channels

Channels	Limit Min	Limit Max	Result
79	15	---	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.40000 GHz	2.40000 GHz
Stop Frequency	2.48350 GHz	2.48350 GHz
Span	83.500 MHz	83.500 MHz
RBW	200.000 kHz	<= 299.000 kHz
VBW	200.000 kHz	>= 200.000 kHz
SweepPoints	418	~ 418
SweepTime	1.060 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	61 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.28 dB	0.50 dB

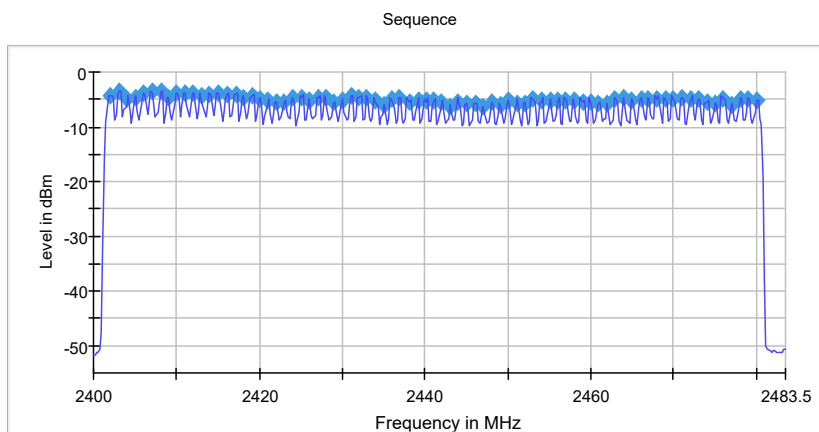
EDR mode (3-DH5)

Hopping Frequencies (frequency independent; 10.000 dBm; 1 MHz)

Test according to FCC title 47 part 15 §15.247(a),(g), KDB 558074 D01 DTS Meas Guidance v04

Channels

Channels	Limit Min	Limit Max	Result
79	15	---	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.40000 GHz	2.40000 GHz
Stop Frequency	2.48350 GHz	2.48350 GHz
Span	83.500 MHz	83.500 MHz
RBW	200.000 kHz	<= 299.000 kHz
VBW	200.000 kHz	>= 200.000 kHz
SweepPoints	418	~ 418
SweepTime	1.060 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	102 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.35 dB	0.50 dB

Appendix A.2: Test Results of Time of Occupancy

BR mode (DH5)

Time of Channel Occupancy (2441 MHz; 10.000 dBm; 1 MHz)

Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04

Result

DUT Frequency (MHz)	Result	Number of Hops	Average time of occupancy (ms)	Threshold (dBm)
2441.000000	PASS	79	84.760	-10.0

Periode

Min (ms)	Max (ms)	Mean (ms)
393.730	397.490	395.166

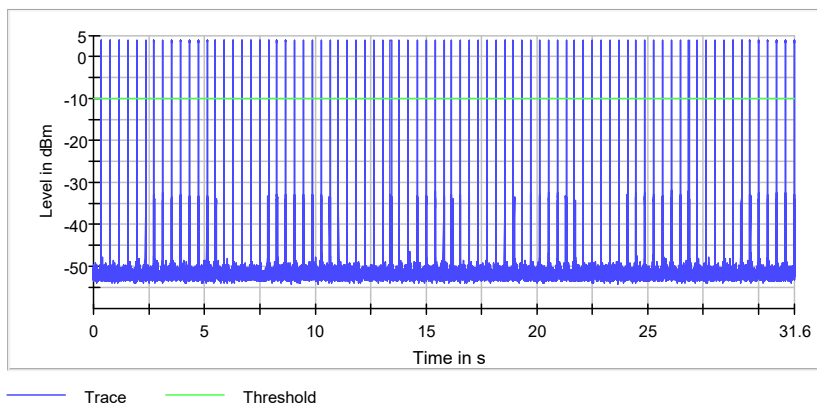
Transmit Time per Hop

Min (ms)	Max (ms)	Limit Max for Max (ms)	Limit Min for Max (ms)	Mean (ms)
0.76	1.170	400.000	0.000	1.058

DwellTime

Min (ms)	Max (ms)	Mean (ms)
1.630	2.890	2.583

Time of Channel Occupancy



Time of Channel Occupancy(2) (2441 MHz; 10.000 dBm; 1 MHz)

Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04

Result

DUT Frequency (MHz)	Result	Number of Hops	Average time of occupancy (ms)	Threshold (dBm)
2441.000000	PASS	62	205.510	-10.0

Periode

Min (ms)	Max (ms)	Mean (ms)
493.730	497.480	494.454

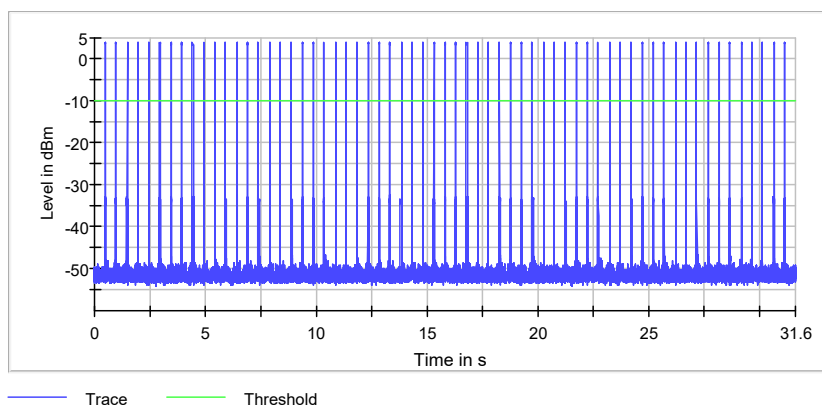
Transmit Time per Hop

Min (ms)	Max (ms)	Limit Max for Max (ms)	Limit Min for Max (ms)	Mean (ms)
3.260	3.280	400.000	0.000	3.262

DwellTime

Min (ms)	Max (ms)	Mean (ms)
4.130	4.140	4.131

Time of Channel Occupancy(2)



Time of Channel Occupancy(3) (2441 MHz; 10.000 dBm; 1 MHz)

Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04

Result

DUT Frequency (MHz)	Result	Number of Hops	Average time of occupancy (ms)	Threshold (dBm)
2441.000000	PASS	43	253.390	-10.0

Periode

Min (ms)	Max (ms)	Mean (ms)
707.480	728.730	720.249

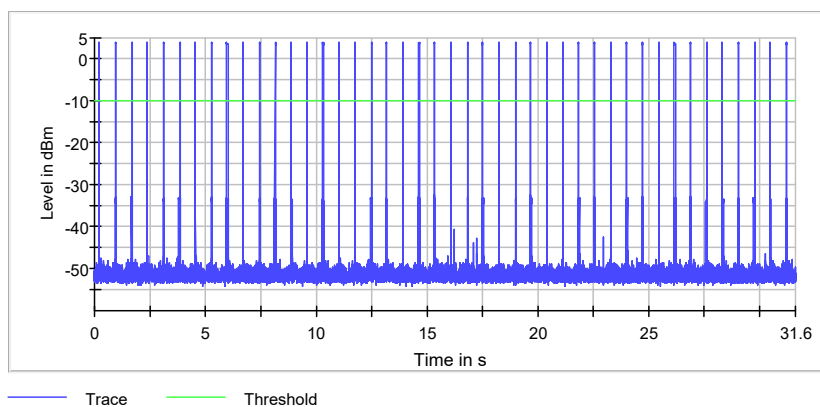
Transmit Time per Hop

Min (ms)	Max (ms)	Limit Max for Max (ms)	Limit Min for Max (ms)	Mean (ms)
5.740	5.760	400.000	0.000	5.759

DwellTime

Min (ms)	Max (ms)	Mean (ms)
6.620	6.630	6.629

Time of Channel Occupancy(3)



EDR mode (3-DH5)

Time of Channel Occupancy (2441 MHz; 10.000 dBm; 1 MHz)

Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04

Result

DUT Frequency (MHz)	Result	Number of Hops	Average time of occupancy (ms)	Threshold (dBm)
2441.000000	PASS	79	93.120	-10.0

Periode

Min (ms)	Max (ms)	Mean (ms)
393.740	397.490	395.166

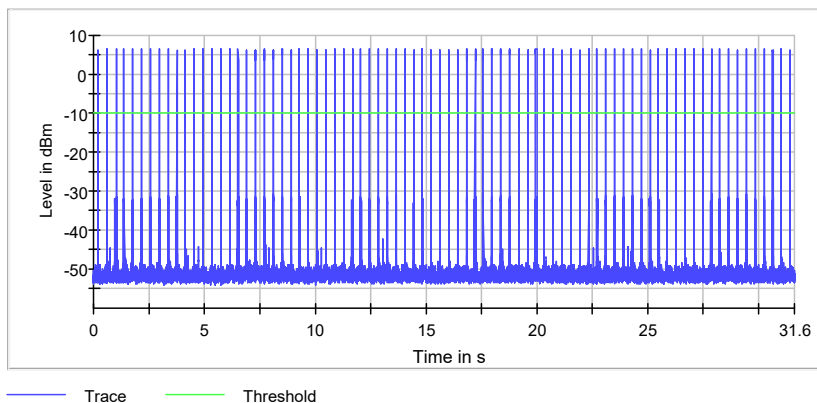
Transmit Time per Hop

Min (ms)	Max (ms)	Limit Max for Max (ms)	Limit Min for Max (ms)	Mean (ms)
0.78	1.200	400.000	0.000	1.164

DwellTime

Min (ms)	Max (ms)	Mean (ms)
1.640	2.900	2.876

Time of Channel Occupancy



Time of Channel Occupancy(2) (2441 MHz; 10.000 dBm; 1 MHz)

Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04

Result

DUT Frequency (MHz)	Result	Number of Hops	Average time of occupancy (ms)	Threshold (dBm)
2441.000000	PASS	59	195.780	-10.0

Periode

Min (ms)	Max (ms)	Mean (ms)
509.990	553.730	531.688

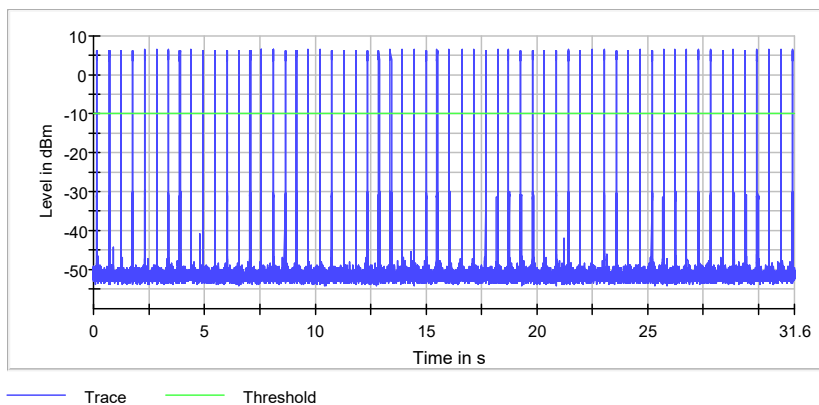
Transmit Time per Hop

Min (ms)	Max (ms)	Limit Max for Max (ms)	Limit Min for Max (ms)	Mean (ms)
3.230	3.280	400.000	0.000	3.263

DwellTime

Min (ms)	Max (ms)	Mean (ms)
4.130	4.150	4.141

Time of Channel Occupancy(2)



Time of Channel Occupancy(3) (2441 MHz; 10.000 dBm; 1 MHz)

Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04

Result

DUT Frequency (MHz)	Result	Number of Hops	Average time of occupancy (ms)	Threshold (dBm)
2441.000000	PASS	45	262.860	-10.0

Periode

Min (ms)	Max (ms)	Mean (ms)
692.490	707.480	700.123

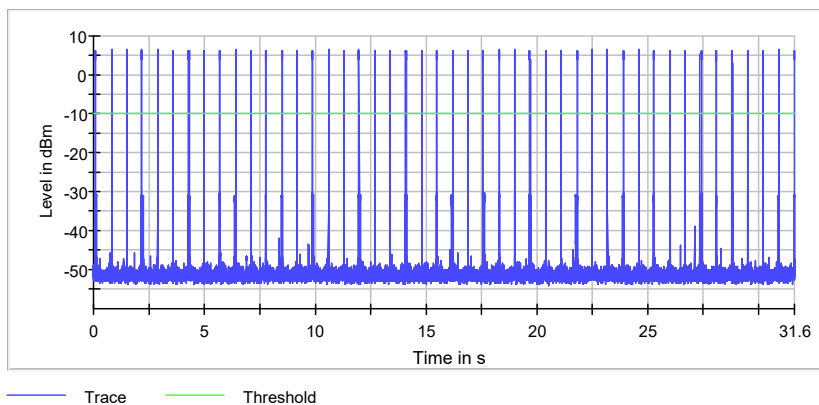
Transmit Time per Hop

Min (ms)	Max (ms)	Limit Max for Max (ms)	Limit Min for Max (ms)	Mean (ms)
5.710	5.780	400.000	0.000	5.750

DwellTime

Min (ms)	Max (ms)	Mean (ms)
6.640	6.650	6.642

Time of Channel Occupancy(3)



Appendix A.3: Test Results of 20dB Bandwidth

BR mode (DH5)

Emission Bandwidth 20 dB (2402 MHz; 10.000 dBm; 1 MHz; Test Mode)

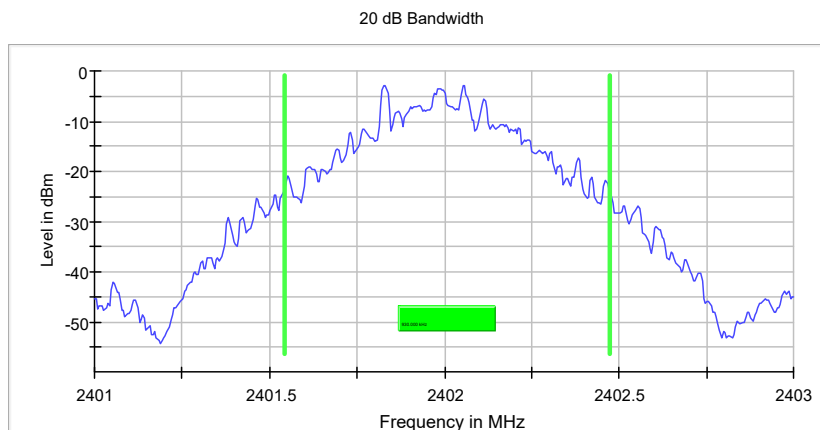
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04

20 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2402.000000	0.930000	---	---	2401.542500	2402.472500

(continuation of the "20 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2402.000000	-3.0	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.40100 GHz	2.40100 GHz
Stop Frequency	2.40300 GHz	2.40300 GHz
Span	2.000 MHz	2.000 MHz
RBW	10.000 kHz	>= 10.000 kHz
VBW	30.000 kHz	>= 30.000 kHz
SweepPoints	400	~ 400
SweepTime	189.648 µs	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	8 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.12 dB	0.50 dB

Emission Bandwidth 20 dB (2441 MHz; 10.000 dBm; 1 MHz; Test Mode)

Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04

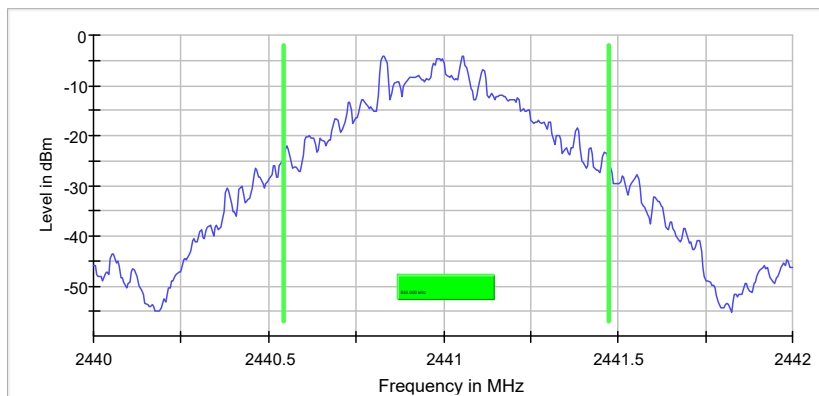
20 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2441.000000	0.930000	---	---	2440.542500	2441.472500

(continuation of the "20 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2441.000000	-4.1	PASS

20 dB Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.44000 GHz	2.44000 GHz
Stop Frequency	2.44200 GHz	2.44200 GHz
Span	2.000 MHz	2.000 MHz
RBW	10.000 kHz	>= 10.000 kHz
VBW	30.000 kHz	>= 30.000 kHz
SweepPoints	400	~ 400
SweepTime	189.648 µs	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	7 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.07 dB	0.50 dB

Emission Bandwidth 20 dB (2480 MHz; 10.000 dBm; 1 MHz; Test Mode)

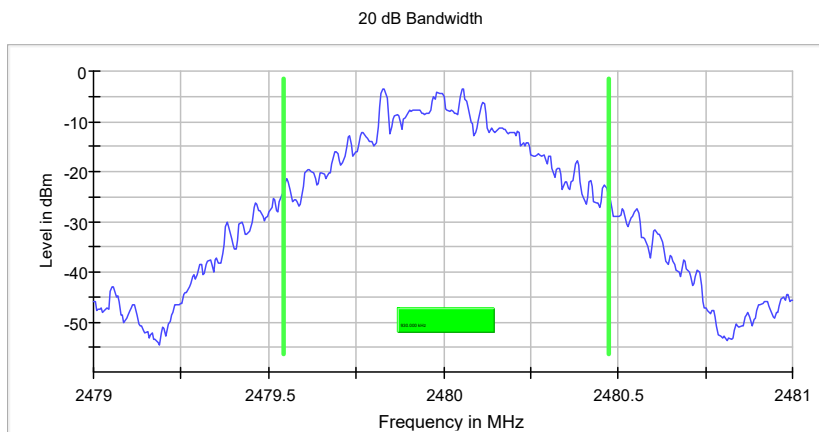
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04

20 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2480.000000	0.930000	---	---	2479.542500	2480.472500

(continuation of the "20 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2480.000000	-3.6	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.47900 GHz	2.47900 GHz
Stop Frequency	2.48100 GHz	2.48100 GHz
Span	2.000 MHz	2.000 MHz
RBW	10.000 kHz	>= 10.000 kHz
VBW	30.000 kHz	>= 30.000 kHz
SweepPoints	400	~ 400
SweepTime	189.648 µs	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	7 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.11 dB	0.50 dB

EDR mode (3-DH5)

Emission Bandwidth 20 dB (2402 MHz; 10.000 dBm; 1 MHz; Test Mode)

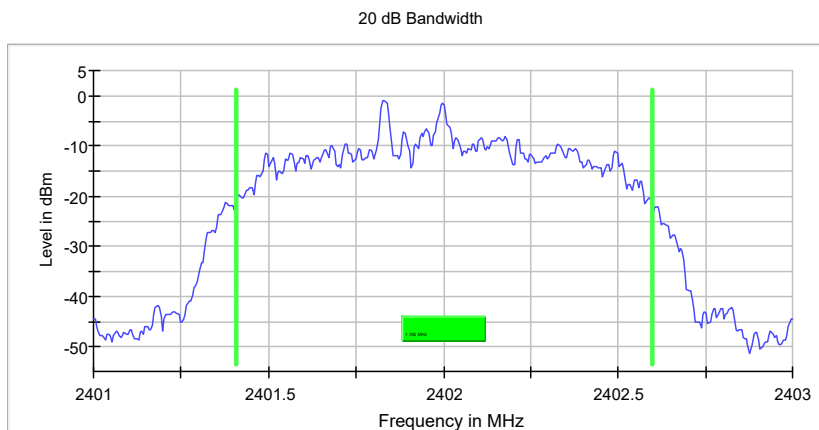
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04

20 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2402.000000	1.190000	---	---	2401.407500	2402.597500

(continuation of the "20 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2402.000000	-0.9	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.40100 GHz	2.40100 GHz
Stop Frequency	2.40300 GHz	2.40300 GHz
Span	2.000 MHz	2.000 MHz
RBW	10.000 kHz	>= 10.000 kHz
VBW	30.000 kHz	>= 30.000 kHz
SweepPoints	400	~ 400
SweepTime	189.648 µs	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	10 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.16 dB	0.50 dB

Emission Bandwidth 20 dB (2441 MHz; 10.000 dBm; 1 MHz; Test Mode)

Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04

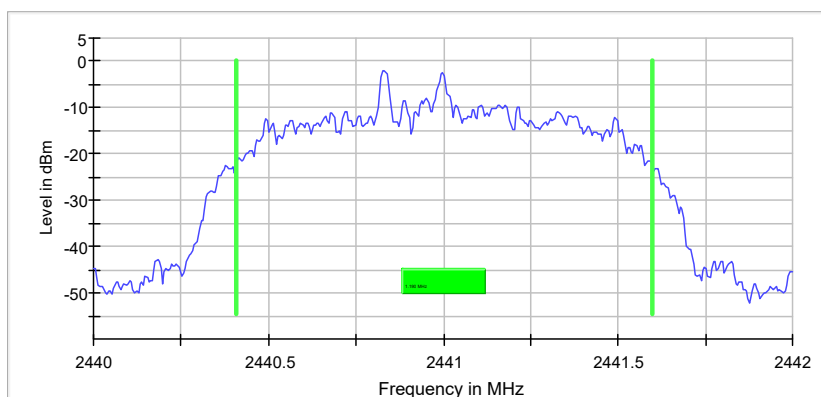
20 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2441.000000	1.190000	---	---	2440.407500	2441.597500

(continuation of the "20 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2441.000000	-2.0	PASS

20 dB Bandwidth

**Measurement**

Setting	Instrument Value	Target Value
Start Frequency	2.44000 GHz	2.44000 GHz
Stop Frequency	2.44200 GHz	2.44200 GHz
Span	2.000 MHz	2.000 MHz
RBW	10.000 kHz	>= 10.000 kHz
VBW	30.000 kHz	>= 30.000 kHz
SweepPoints	400	~ 400
SweepTime	189.648 µs	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	7 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.09 dB	0.50 dB

Emission Bandwidth 20 dB (2480 MHz; 10.000 dBm; 1 MHz; Test Mode)

Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04

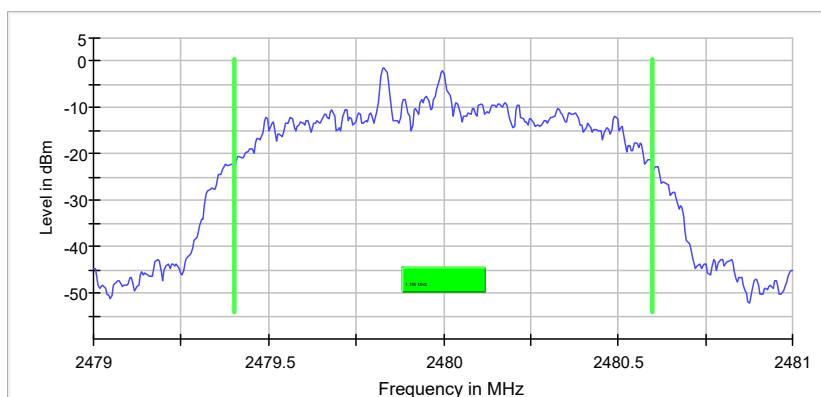
20 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2480.000000	1.195000	---	---	2479.402500	2480.597500

(continuation of the "20 dB Bandwidth" table from column 6 ...)

DUT Frequency (MHz)	Max Level (dBm)	Result
2480.000000	-1.6	PASS

20 dB Bandwidth

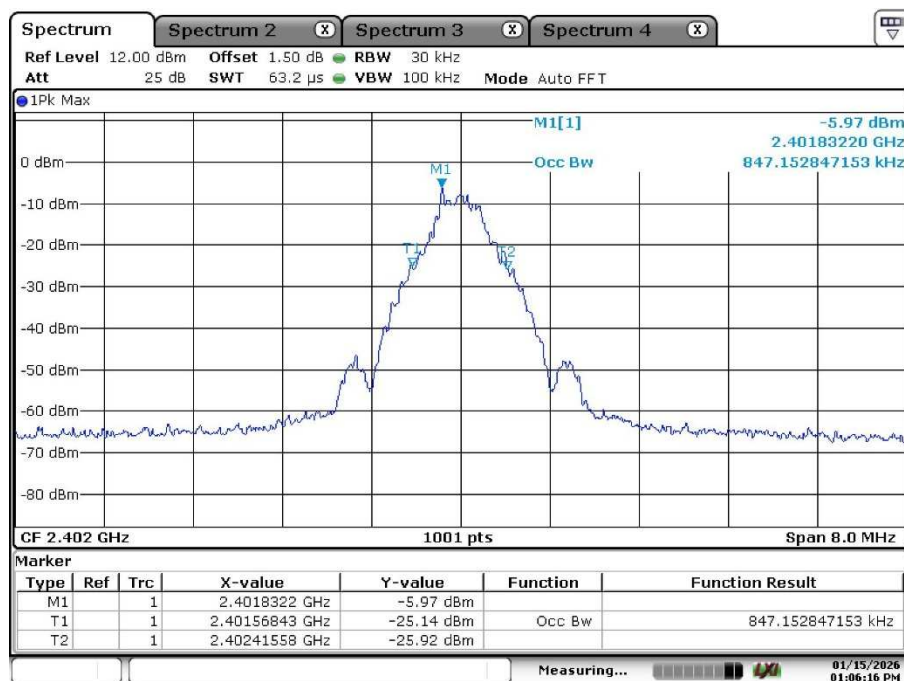


Measurement

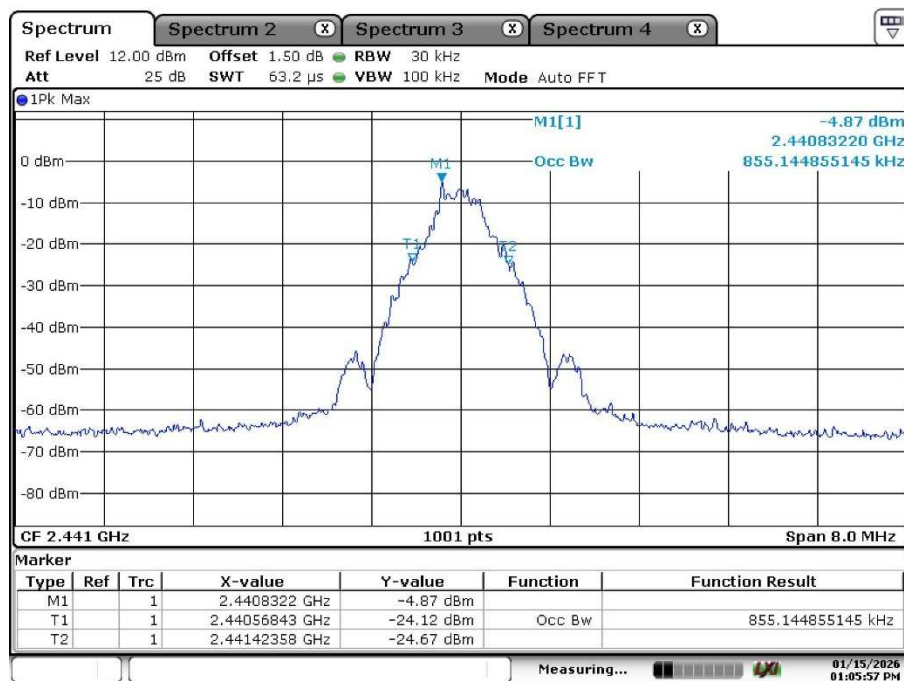
Setting	Instrument Value	Target Value
Start Frequency	2.47900 GHz	2.47900 GHz
Stop Frequency	2.48100 GHz	2.48100 GHz
Span	2.000 MHz	2.000 MHz
RBW	10.000 kHz	>= 10.000 kHz
VBW	30.000 kHz	>= 30.000 kHz
SweepPoints	400	~ 400
SweepTime	189.648 µs	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	8 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.16 dB	0.50 dB

Appendix A.4: Test Results of 99% Bandwidth

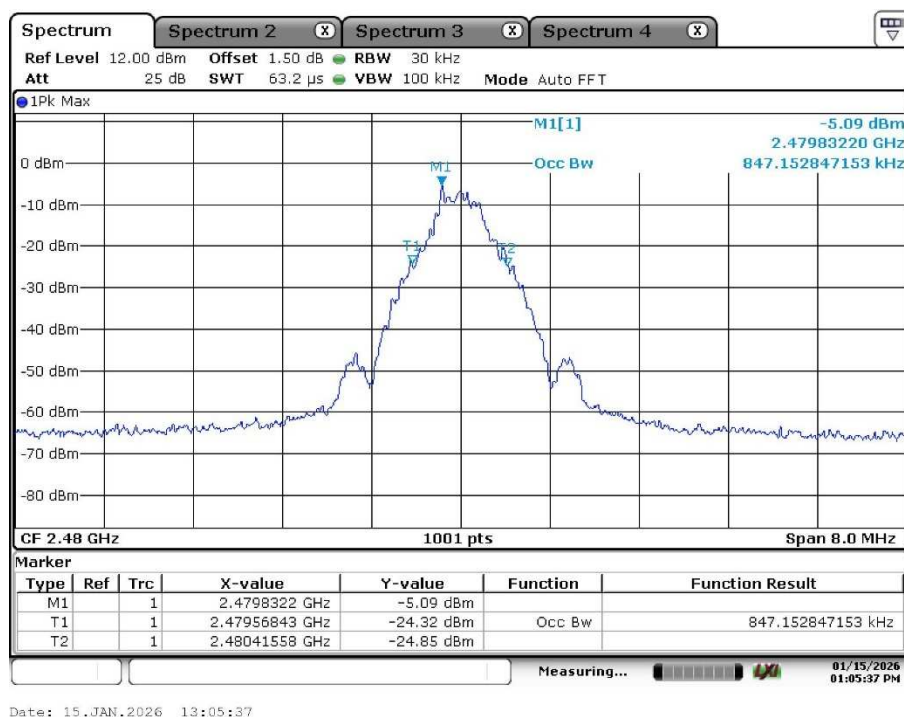
BR mode (DH5)



Date: 15.JAN.2026 13:06:16

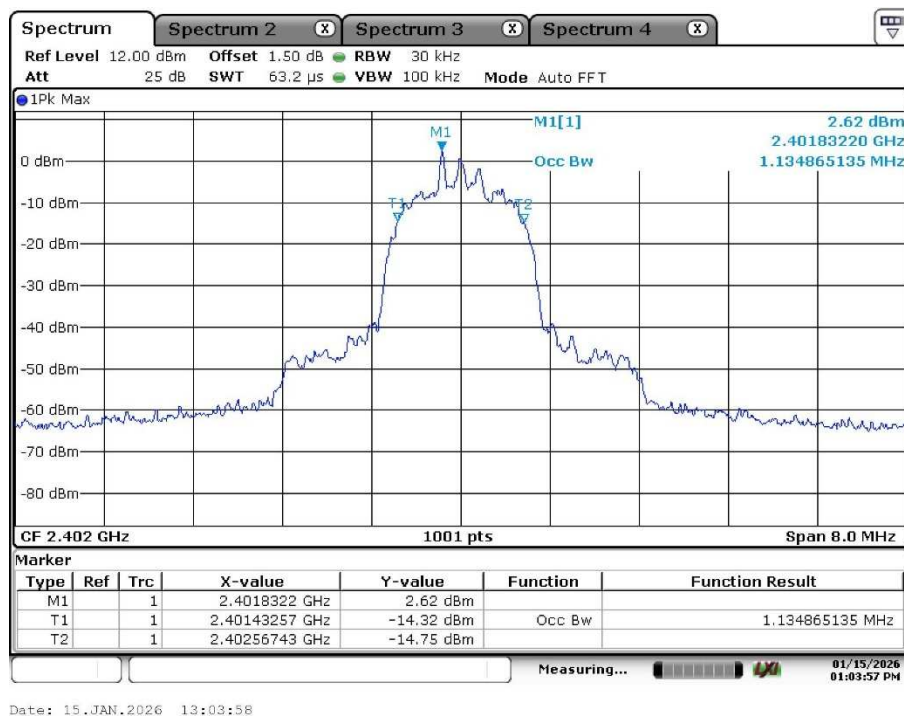


Date: 15.JAN.2026 13:05:57

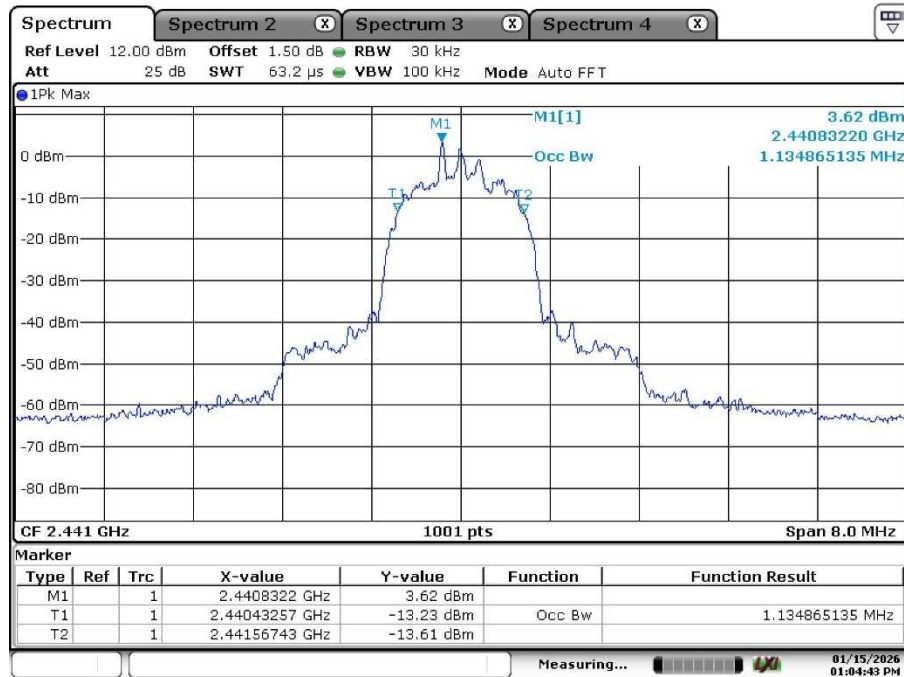


Date: 15.JAN.2026 13:05:37

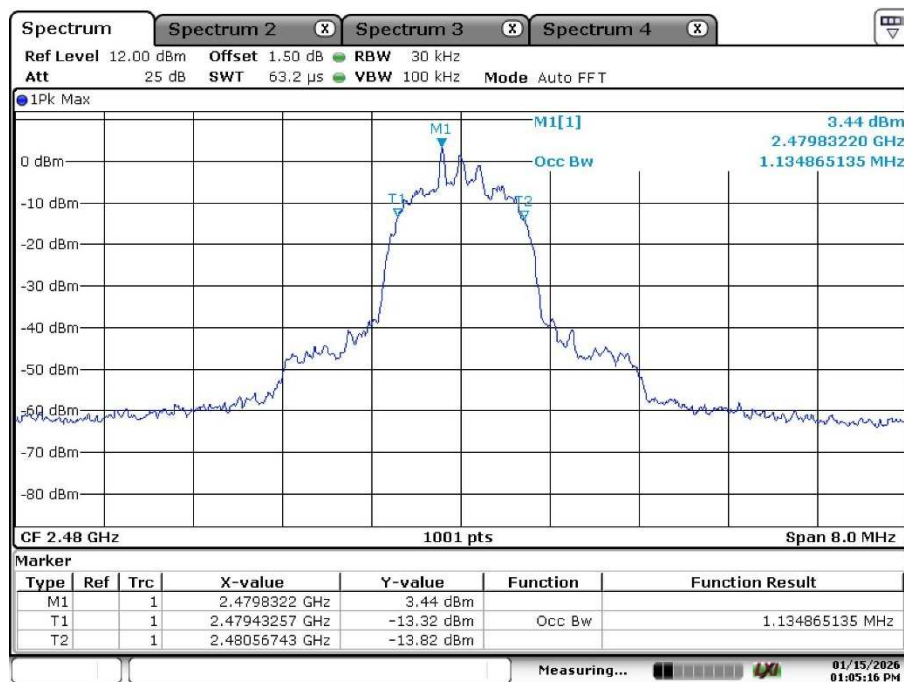
EDR mode (3-DH5)



Date: 15.JAN.2026 13:03:58



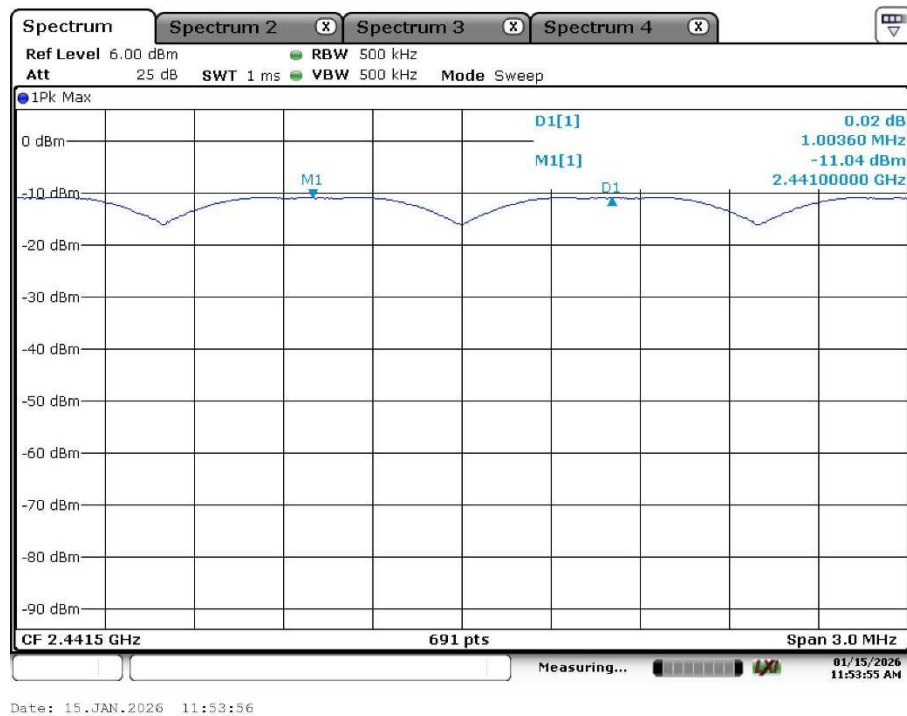
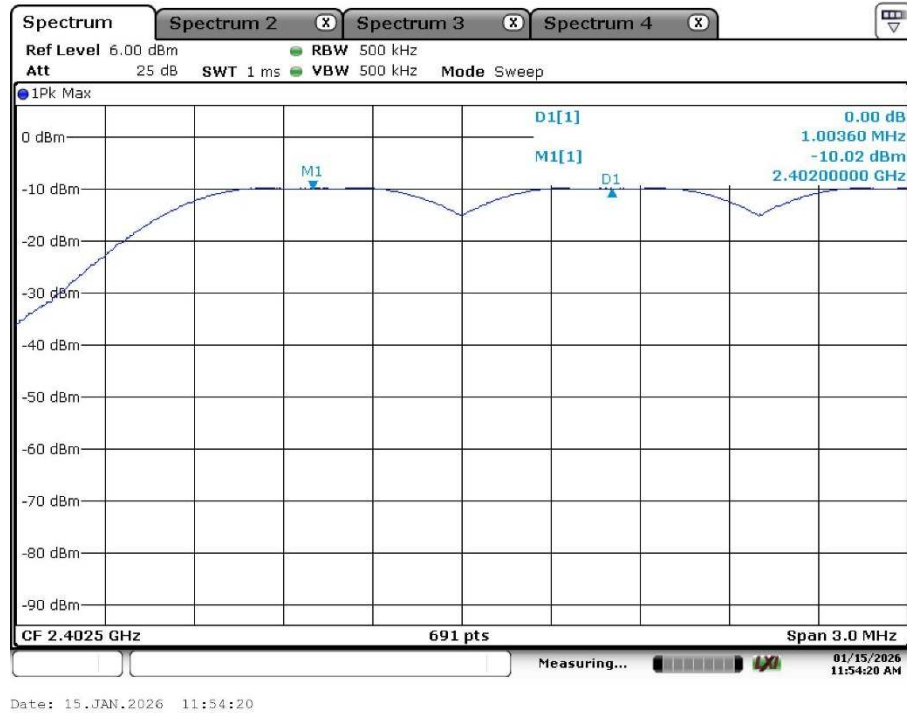
Date: 15.JAN.2026 13:04:43

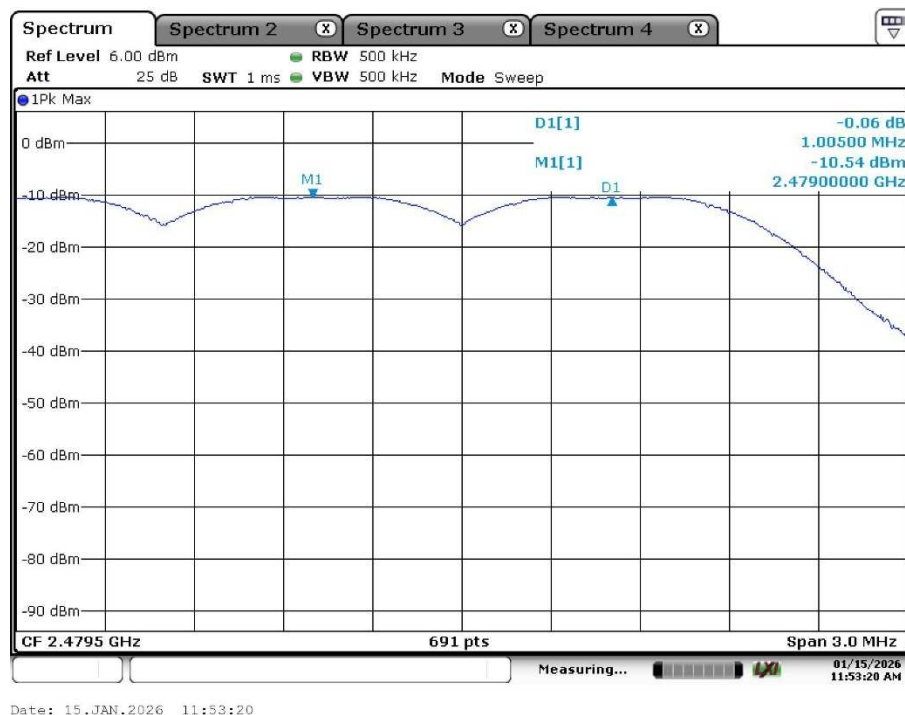


Date: 15.JAN.2026 13:05:16

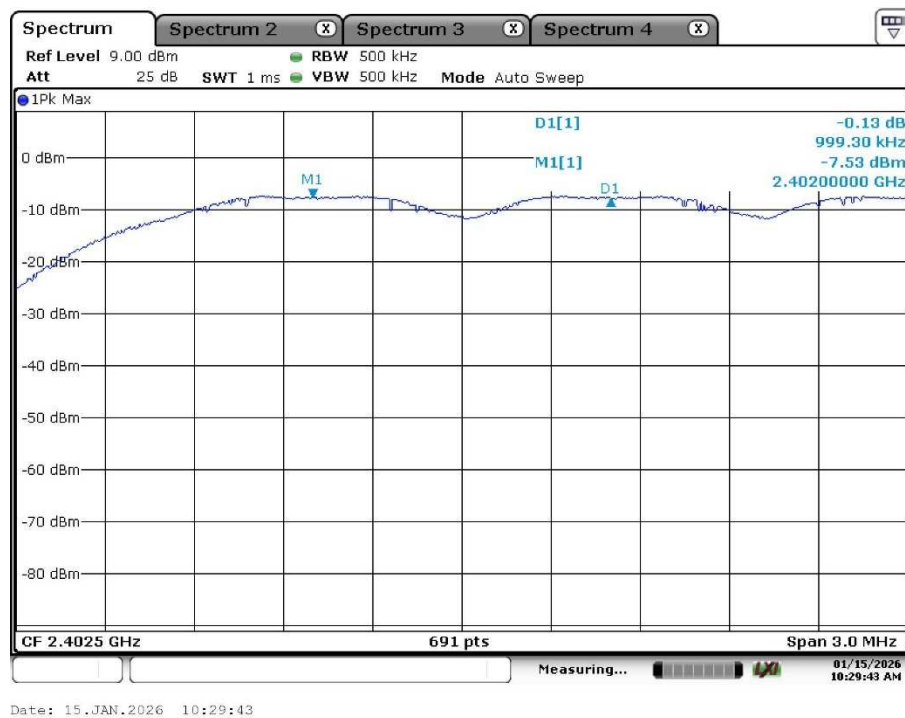
Appendix A.5: Test Results of Carrier Frequency Separation

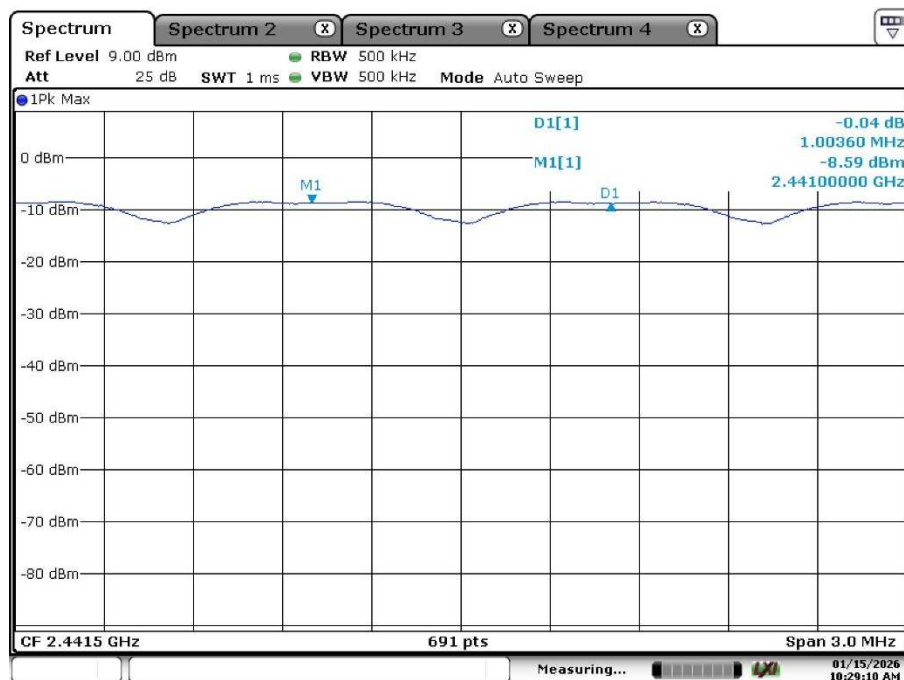
BR mode (DH5)



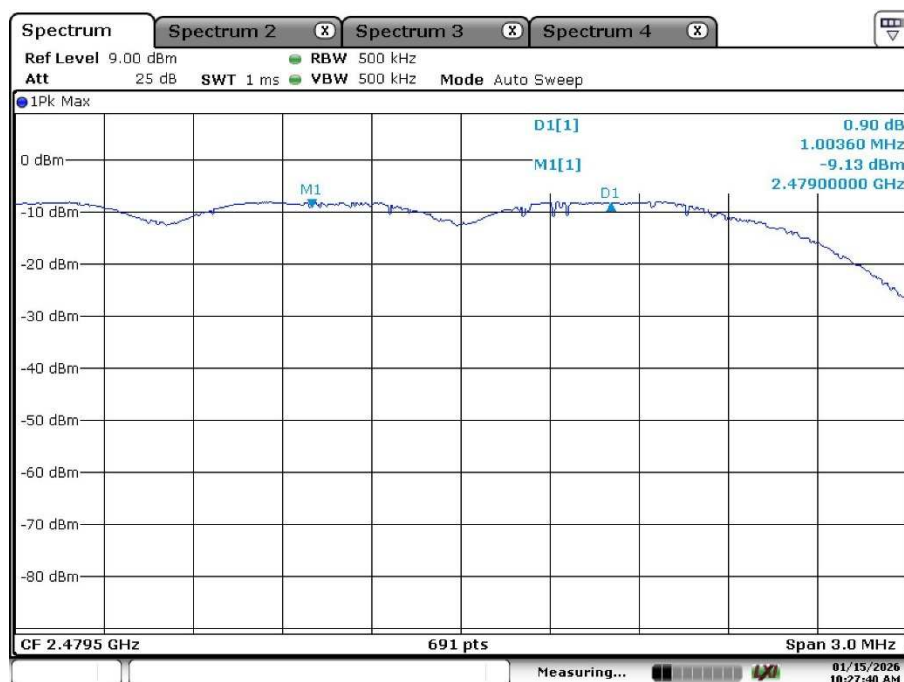


EDR mode (3-DH5)





Date: 15.JAN.2026 10:29:10



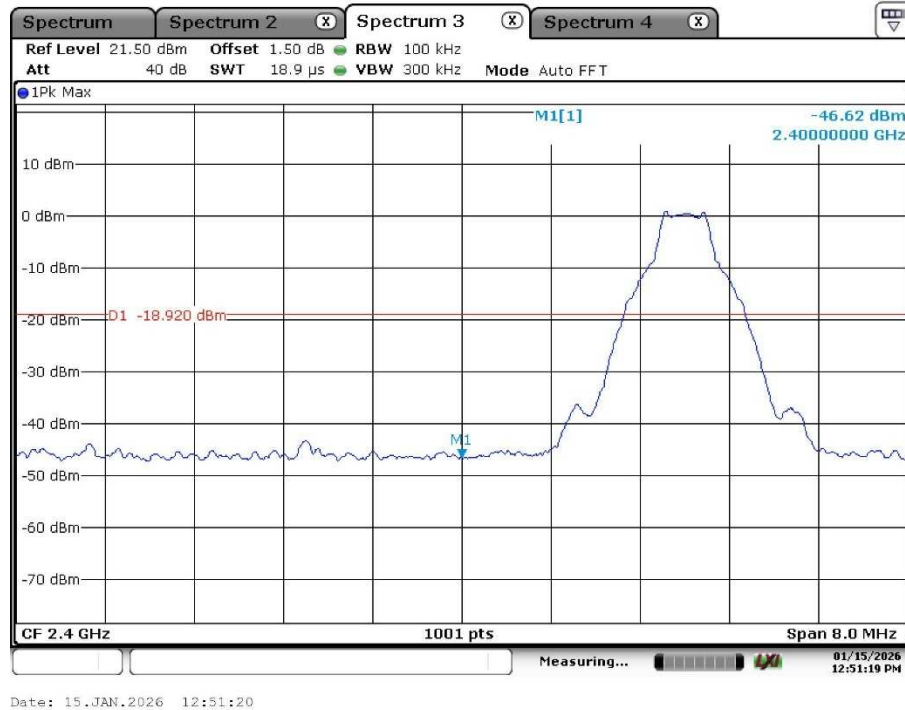
Date: 15.JAN.2026 10:27:40

Appendix A.6: Test Results of Conducted Spurious Emissions Measured in 100 kHz Bandwidth

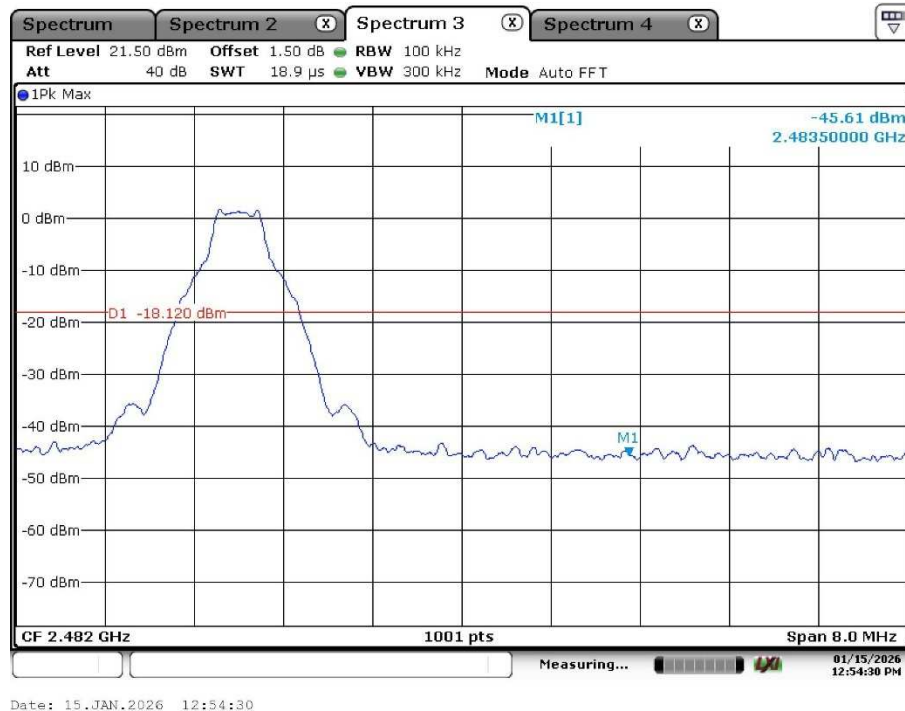
BR mode (DH5)

Fixed mode, Band Edge

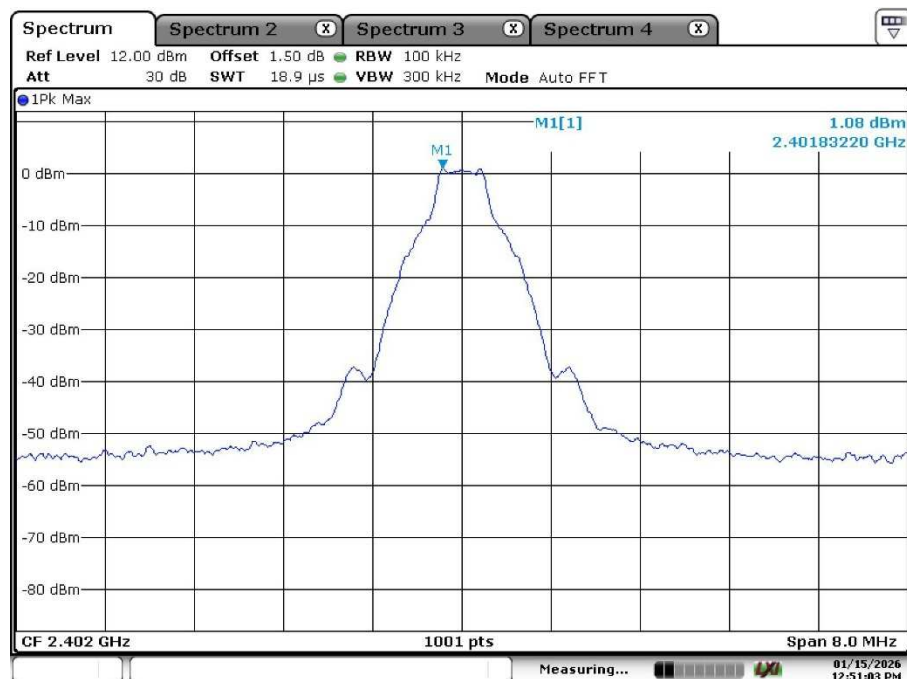
Low Channel



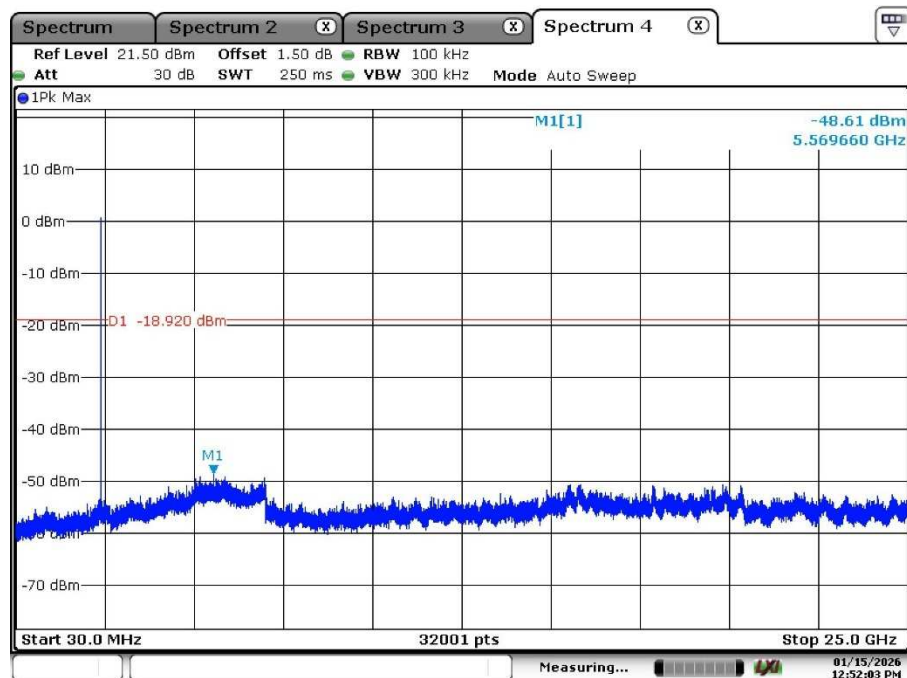
High Channel



Fixed mode, Conducted Spurious Emission
Low Channel

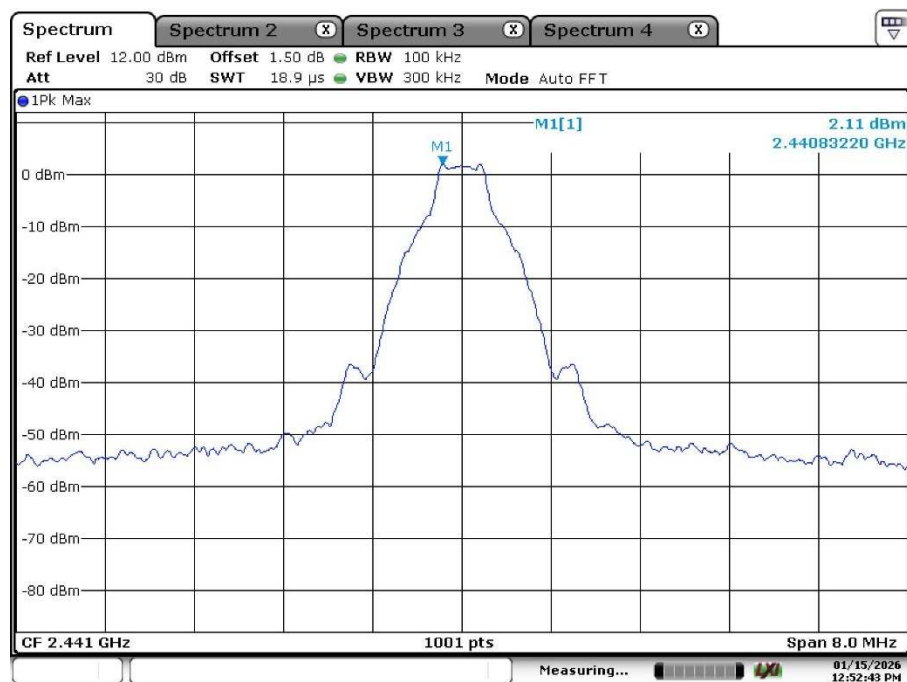


Date: 15.JAN.2026 12:51:03

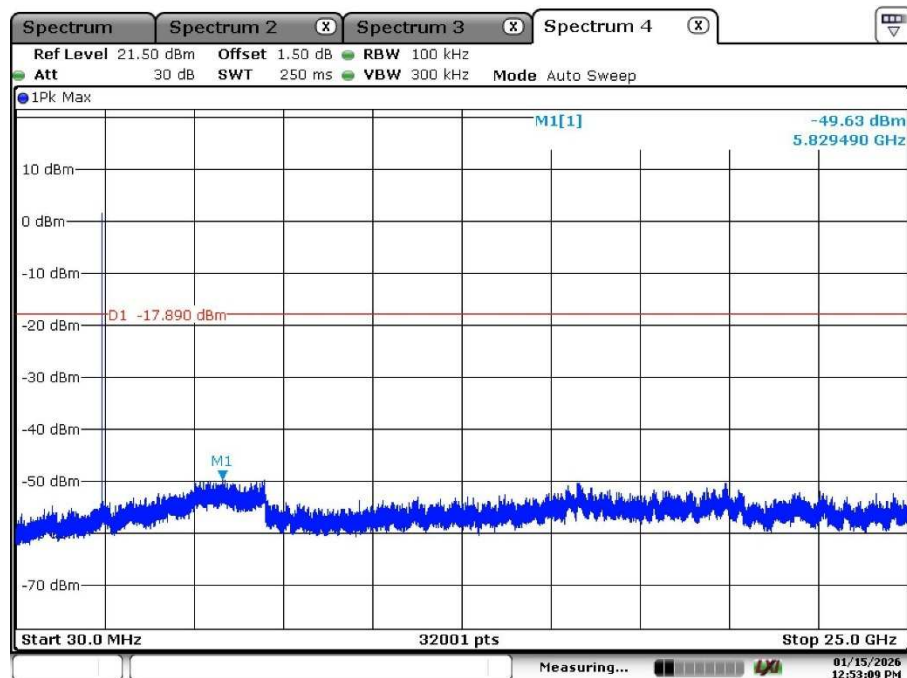


Date: 15.JAN.2026 12:52:03

Middle Channel

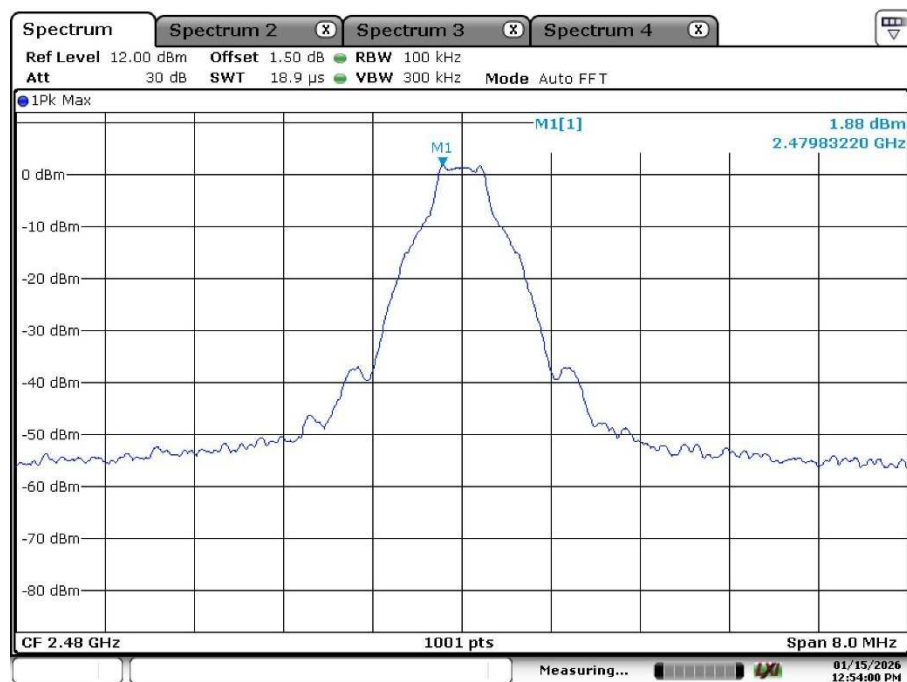


Date: 15.JAN.2026 12:52:43

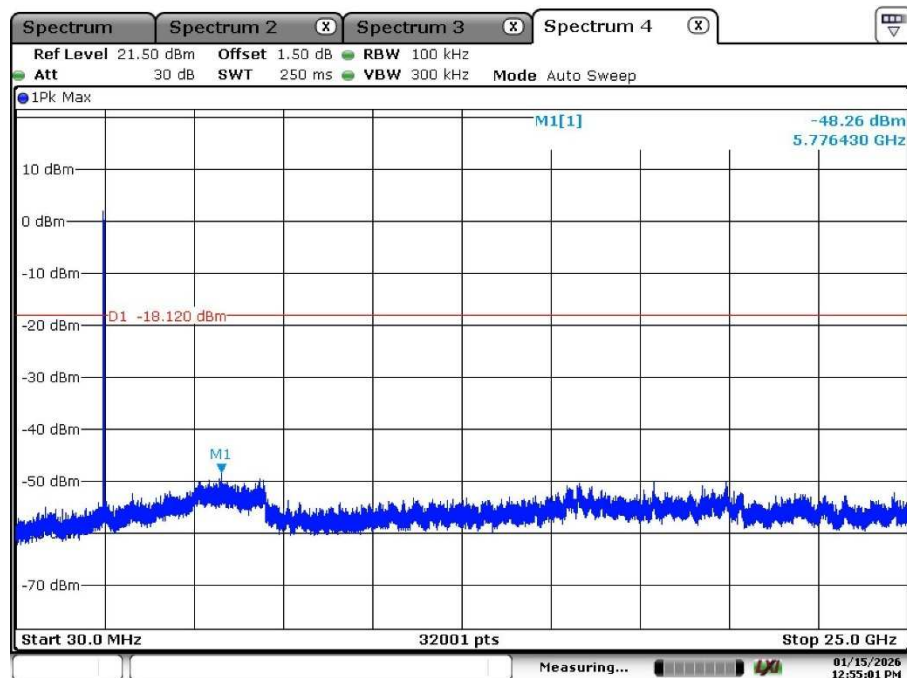


Date: 15.JAN.2026 12:53:09

High Channel



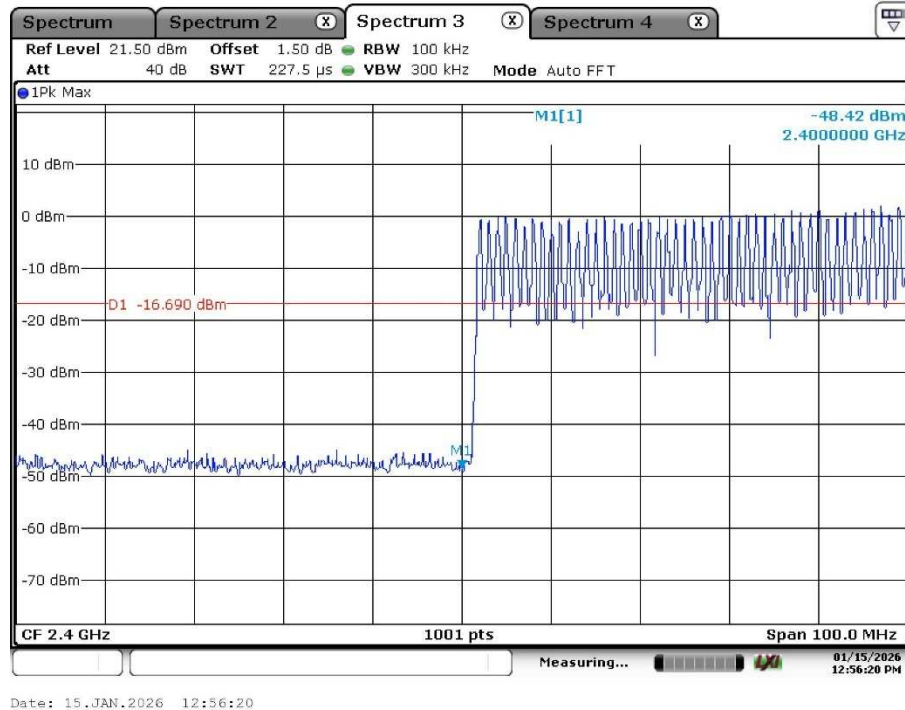
Date: 15.JAN.2026 12:54:00



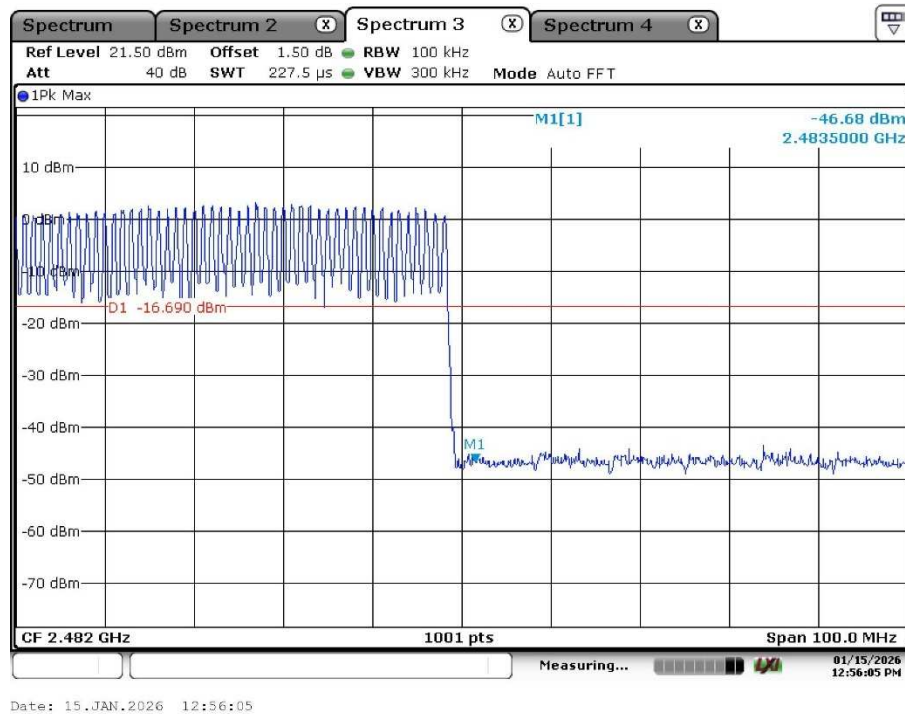
Date: 15.JAN.2026 12:55:01

Hopping Mode, Band Edge

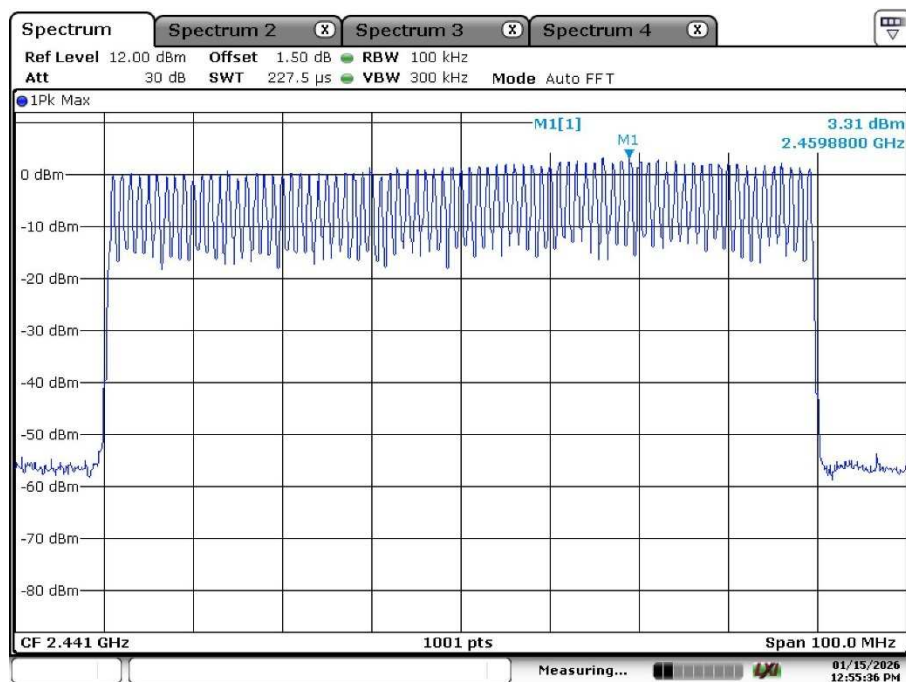
Low Channel



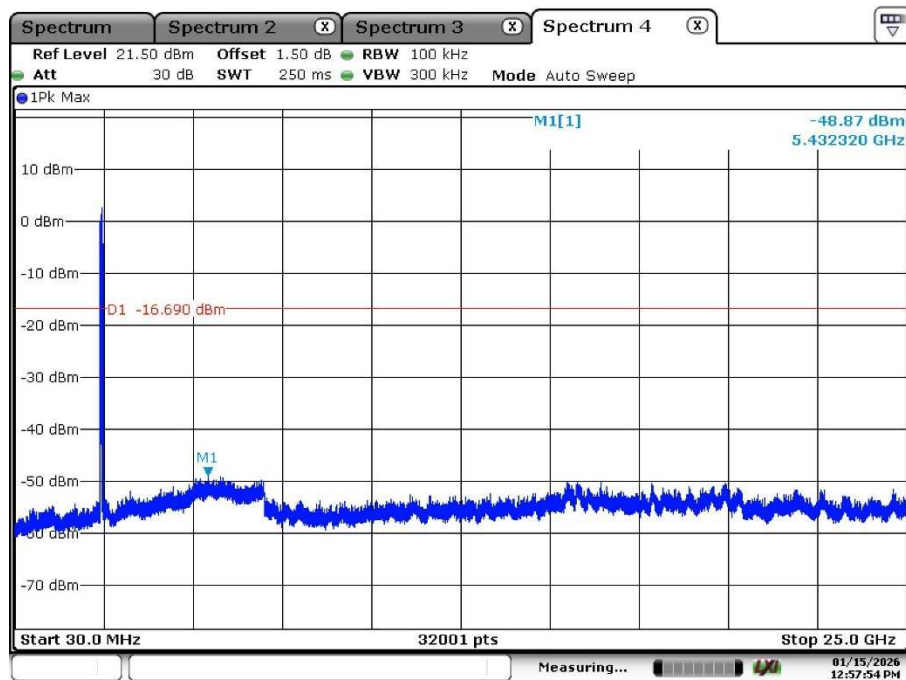
High Channel



Hopping Mode, Conducted Spurious Emission



Date: 15.JAN.2026 12:55:36

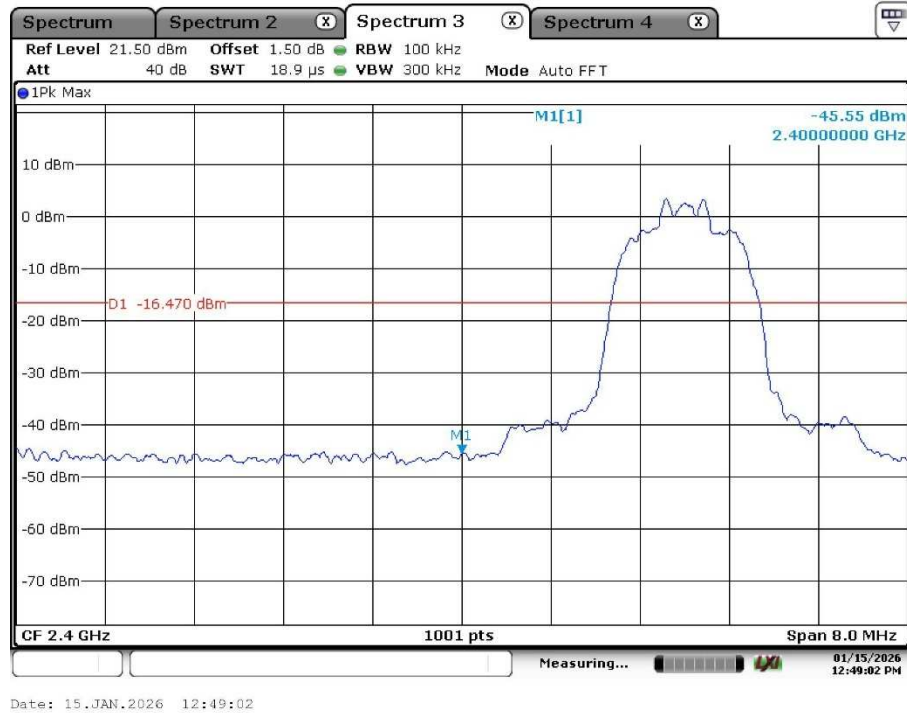


Date: 15.JAN.2026 12:57:54

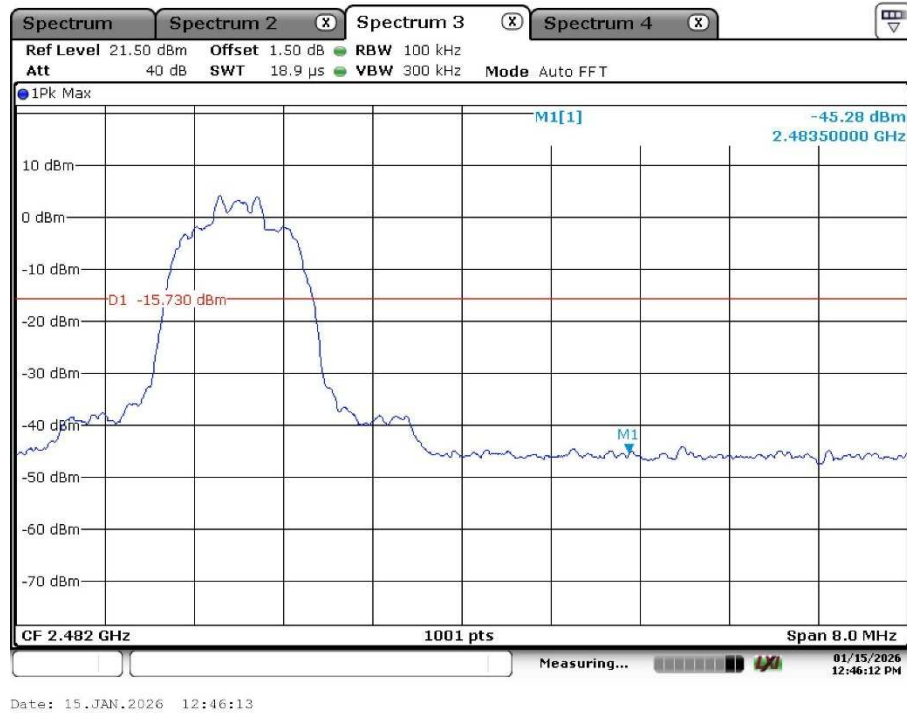
EDR mode (3-DH5)

Fixed mode, Band Edge

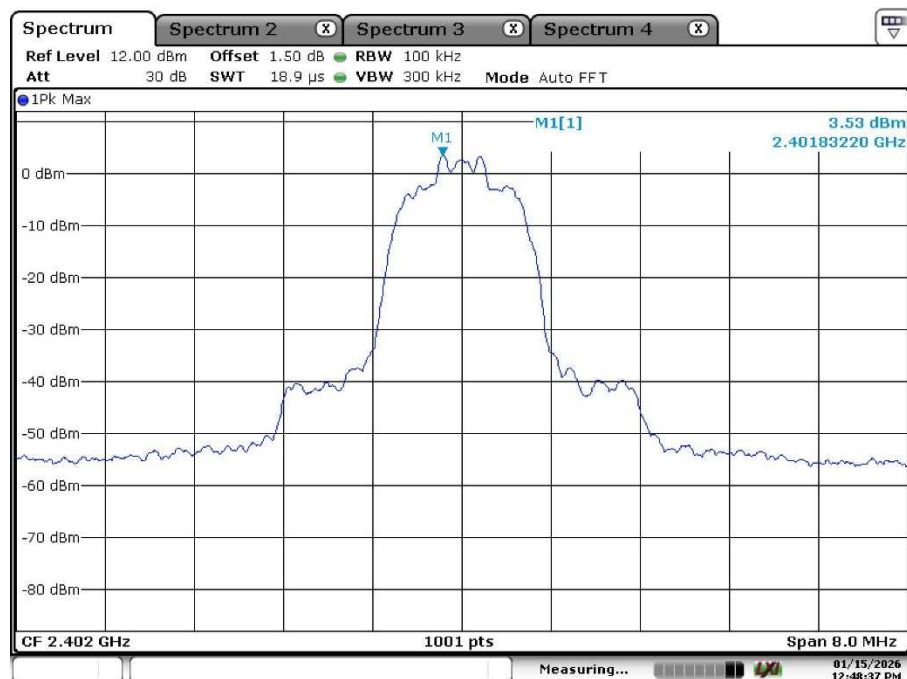
Low Channel



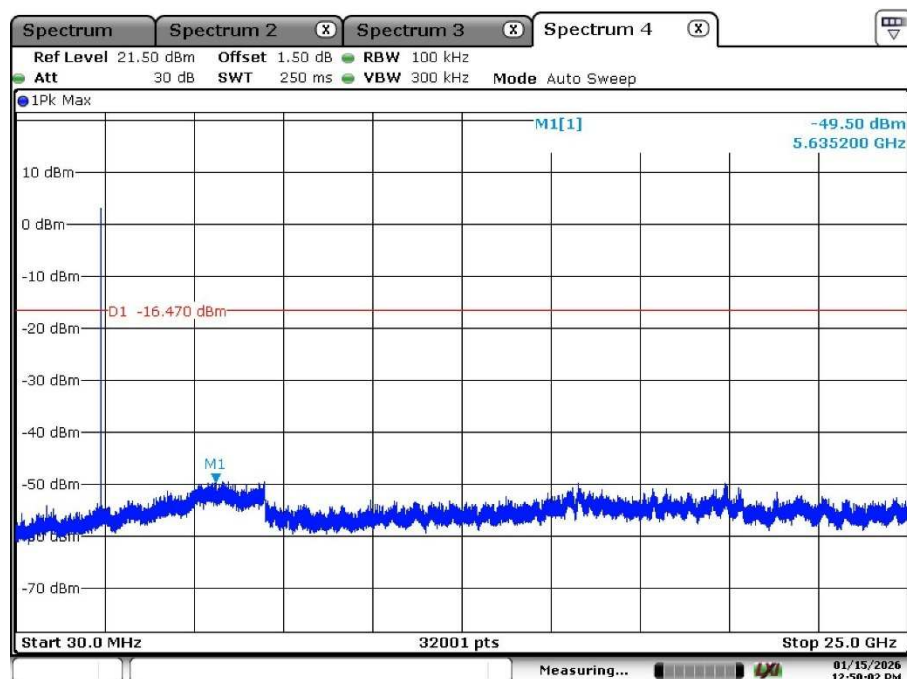
High Channel



Fixed mode, Conducted Spurious Emission
Low Channel

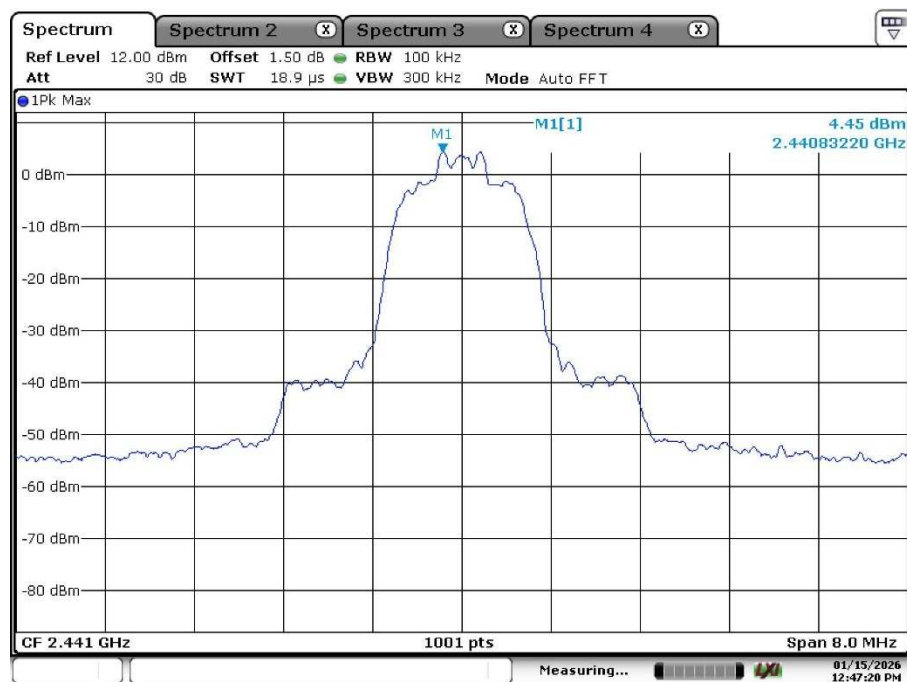


Date: 15.JAN.2026 12:48:37

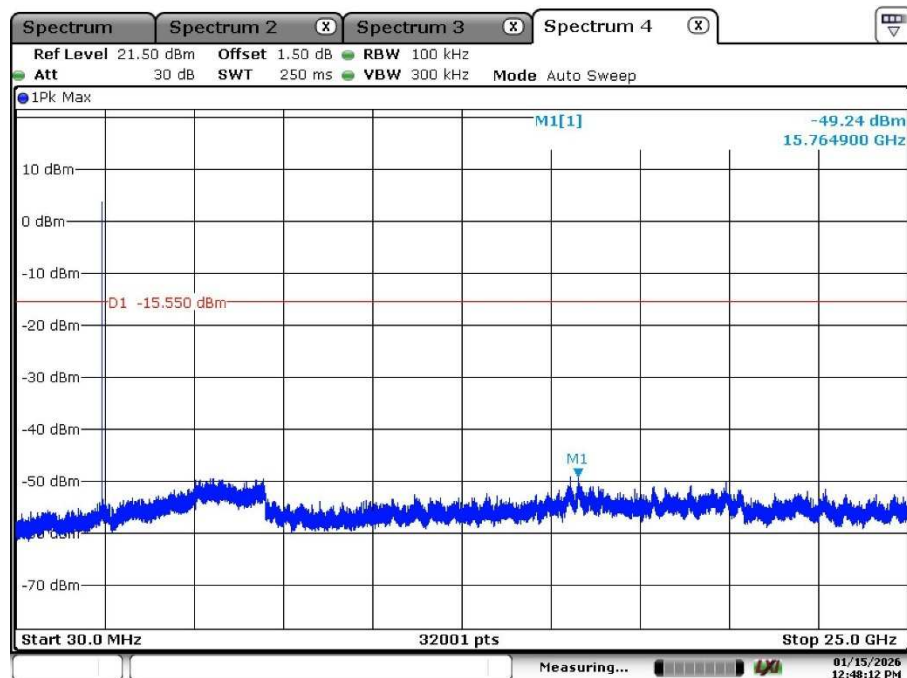


Date: 15.JAN.2026 12:50:02

Middle Channel

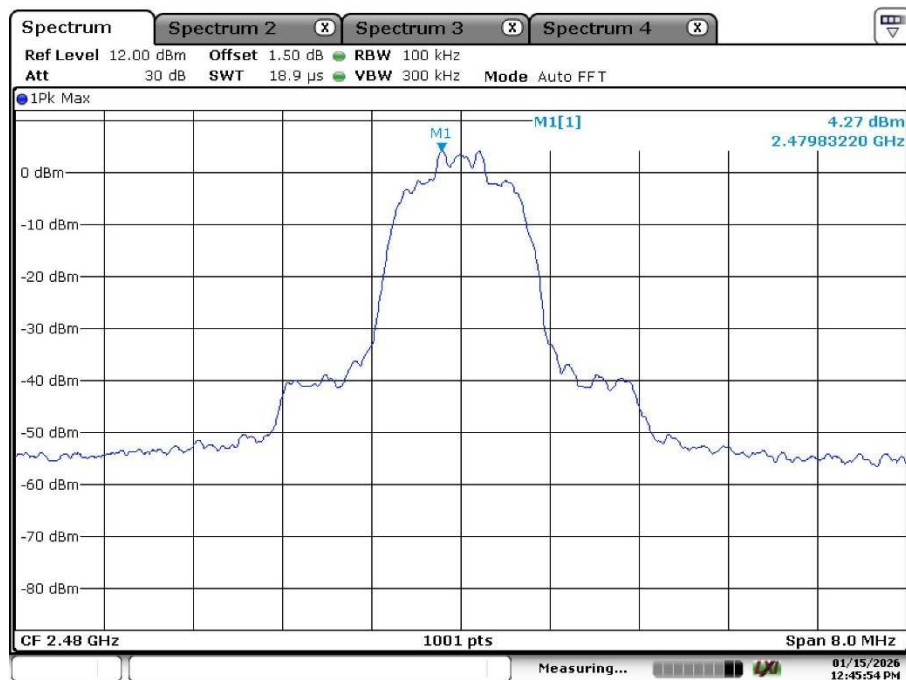


Date: 15.JAN.2026 12:47:20

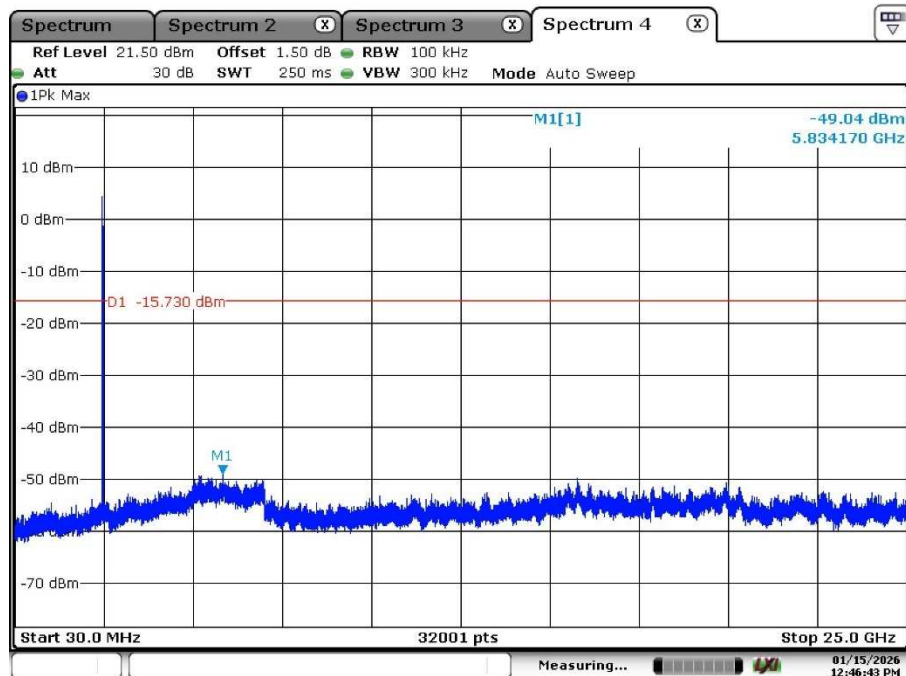


Date: 15.JAN.2026 12:48:12

High Channel



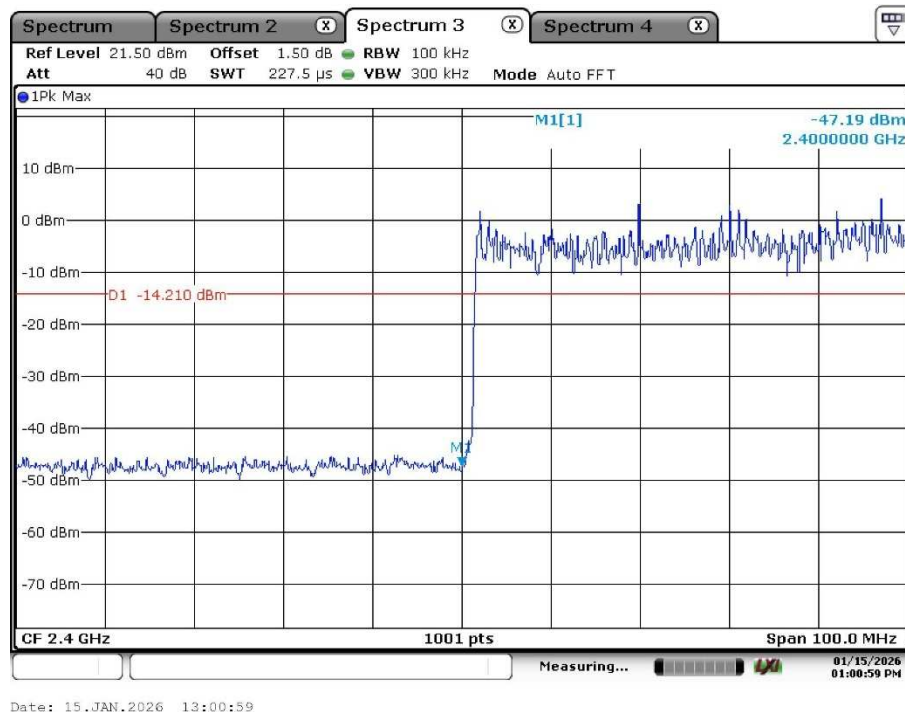
Date: 15.JAN.2026 12:45:54



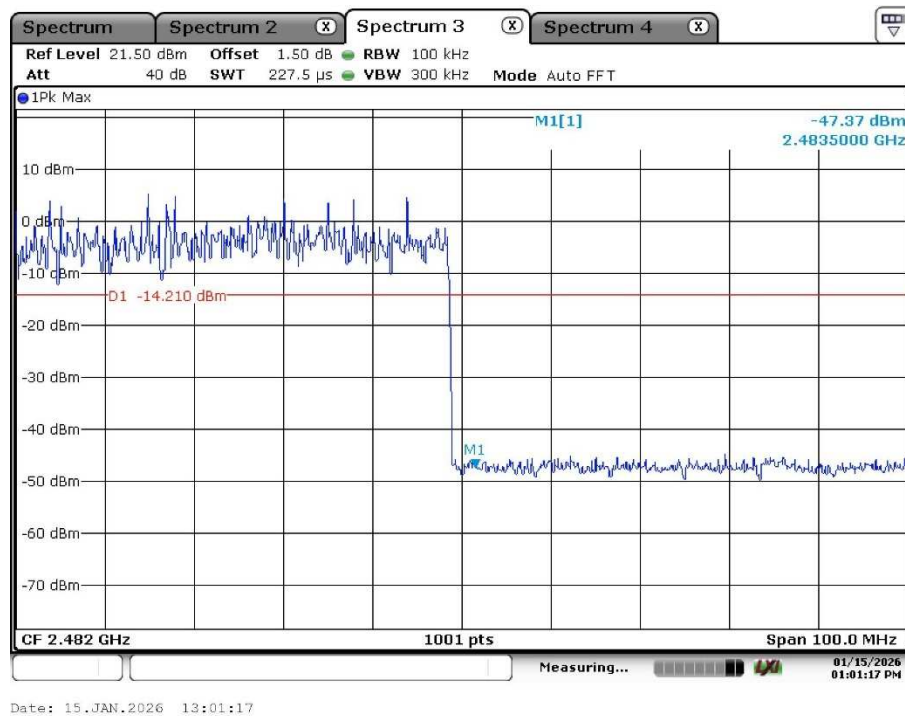
Date: 15.JAN.2026 12:46:44

Hopping Mode, Band Edge

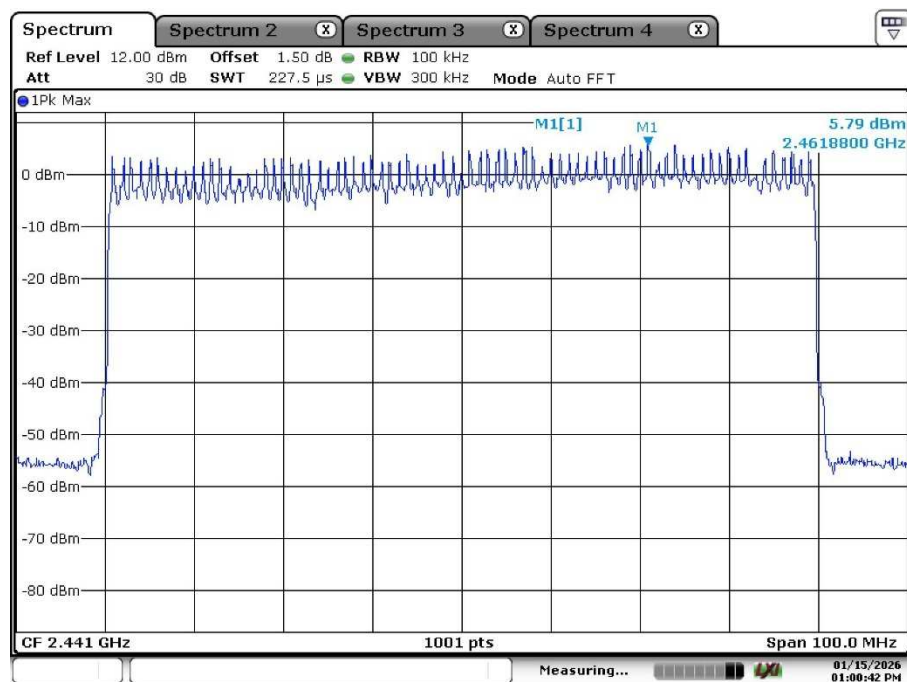
Low Channel



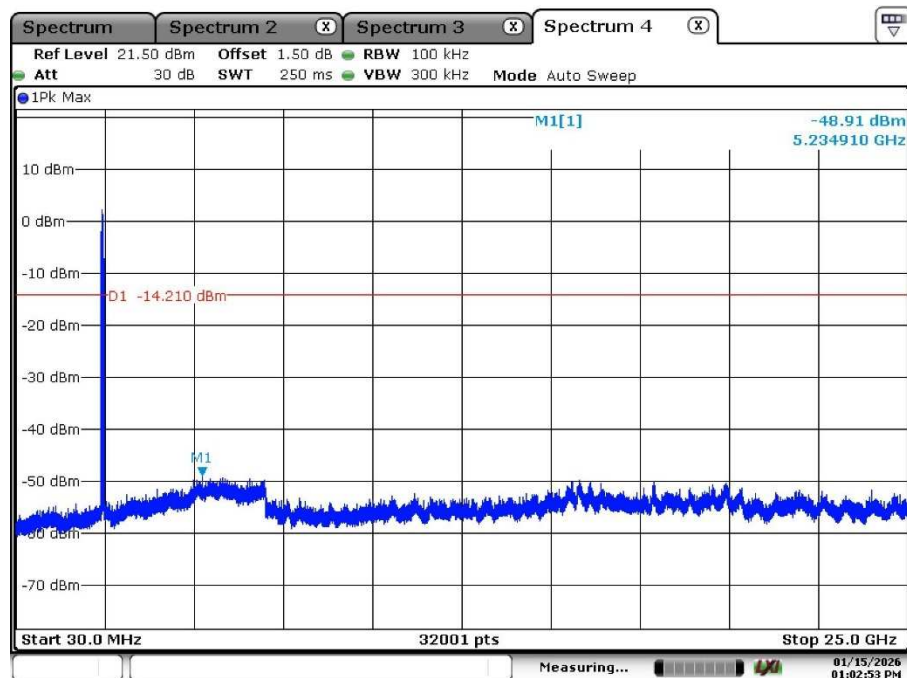
High Channel



Hopping Mode, Conducted Spurious Emission



Date: 15.JAN.2026 13:00:42



Date: 15.JAN.2026 13:02:53

Appendix A.7: Test Results of Radiated Spurious Emissions

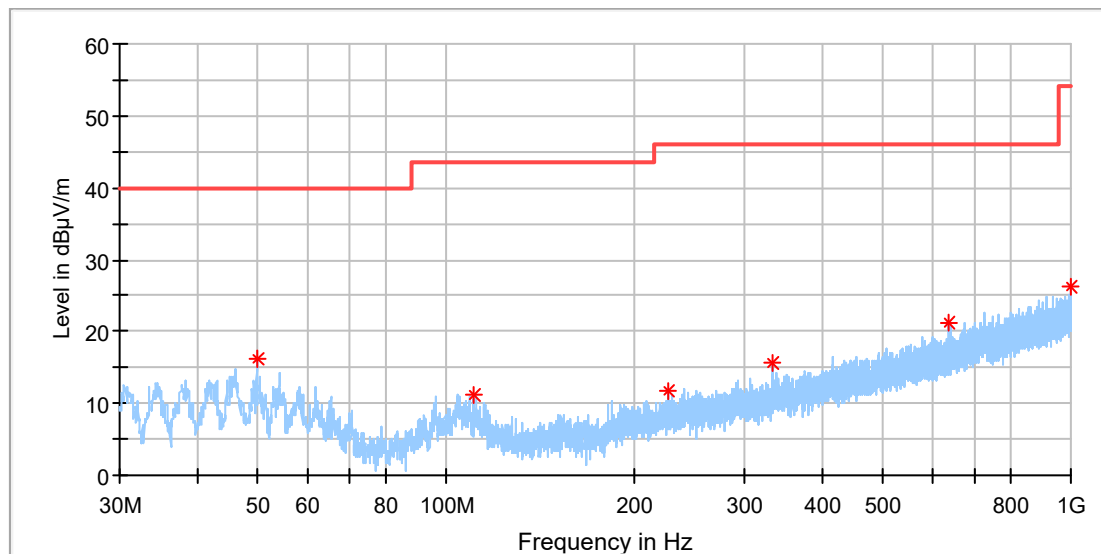
Note:

- 1) This testing was carried out on different modulations, but only the worst case was presented in this report.
- 2) Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 18GHz - 26.5GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported.

30MHz - 1GHz

EUT Information

EUT Name:	Portable Bluetooth Speaker
Model:	FlexBOOM
Test Mode:	BR DH5_Mid channel
Order No/Sample No:	A004177656-002
Test Voltage:	AC 120V, 60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

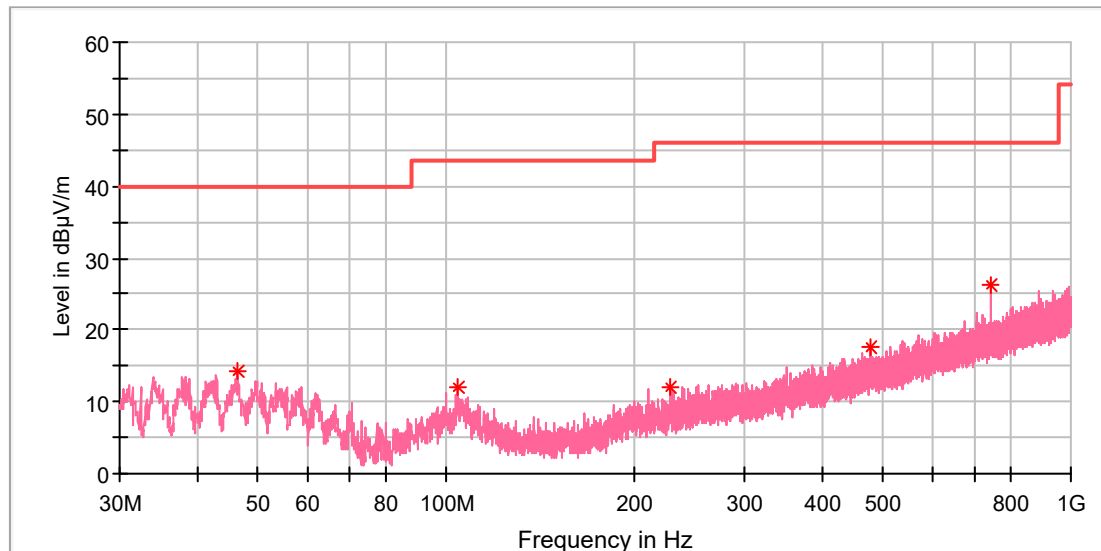
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
49.831111	16.05	40.00	23.95	100.0	H	13.0	-18.4
111.210556	11.08	43.50	32.42	100.0	H	244.0	-19.4
226.155556	11.74	46.00	34.26	100.0	H	285.0	-18.3
333.556111	15.62	46.00	30.38	100.0	H	131.0	-15.2
637.112222	21.24	46.00	24.76	100.0	H	257.0	-9.1
998.329444	26.31	54.00	27.69	100.0	H	5.0	-3.5

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name:	Protable Bluetooth Speaker
Model:	FlexBOOM
Test Mode:	BR DH5_Mid channel
Order No/Sample No:	A004177656-002
Test Voltage:	AC 120V, 60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
46.436111	14.34	40.00	25.66	100.0	V	278.0	-18.7
104.743889	11.92	43.50	31.58	100.0	V	248.0	-18.9
227.987778	12.11	46.00	33.89	100.0	V	205.0	-18.3
479.056111	17.52	46.00	28.48	100.0	V	205.0	-12.2
742.518889	26.27	46.00	19.73	100.0	V	97.0	-7.2

Final_Result

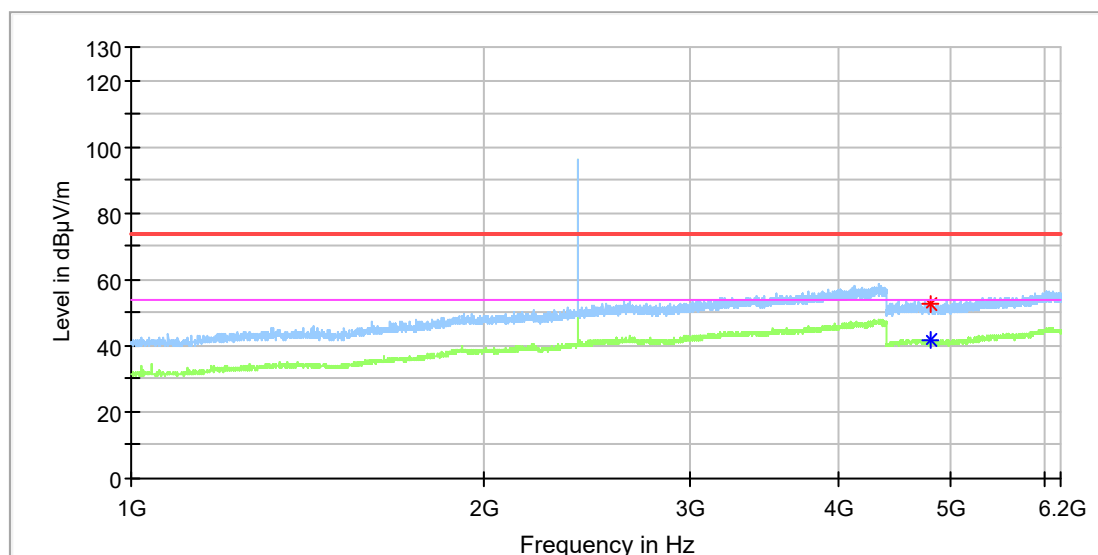
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

1GHz - 18GHz

Note: The highest waveform in the figure is Bluetooth Fundamental.

EUT Information

EUT Name:	Protoble Bluetooth Speaker
Model:	FlexBOOM
Test Mode:	BR DH5_Low channel
Order No/Sample No:	A004177656-002
Test Voltage:	AC 120V, 60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

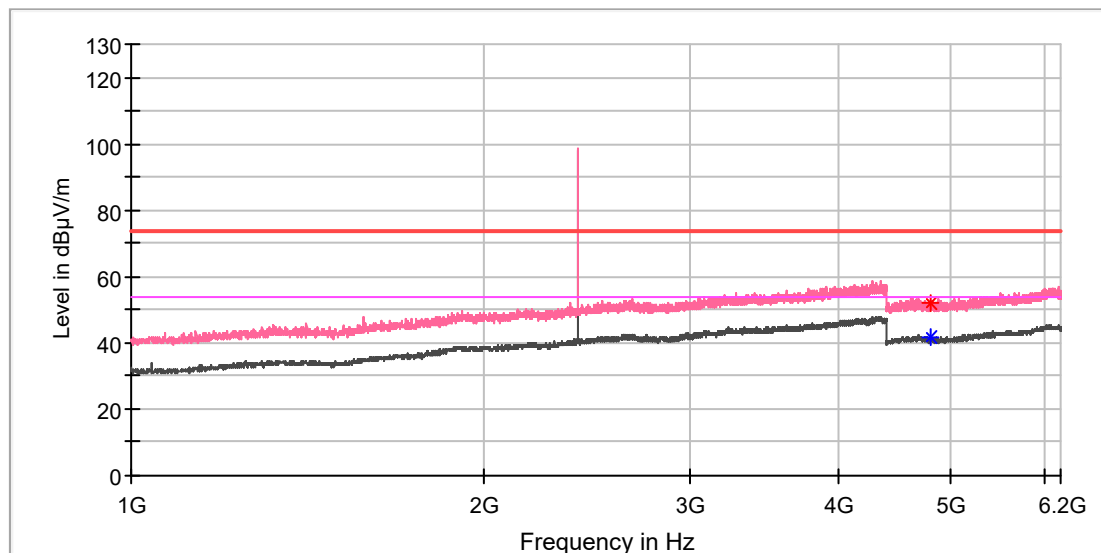
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4806.000000	52.57	---	74.00	21.43	150.0	H	192.0	13.3
4806.500000	---	41.95	54.00	12.05	150.0	H	289.0	13.3

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr (dB/m)
100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0

EUT Information

EUT Name:	Portable Bluetooth Speaker
Model:	FlexBOOM
Test Mode:	BR DH5_Low channel
Order No./Sample No:	A004177656-002
Test Voltage:	AC 120V, 60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

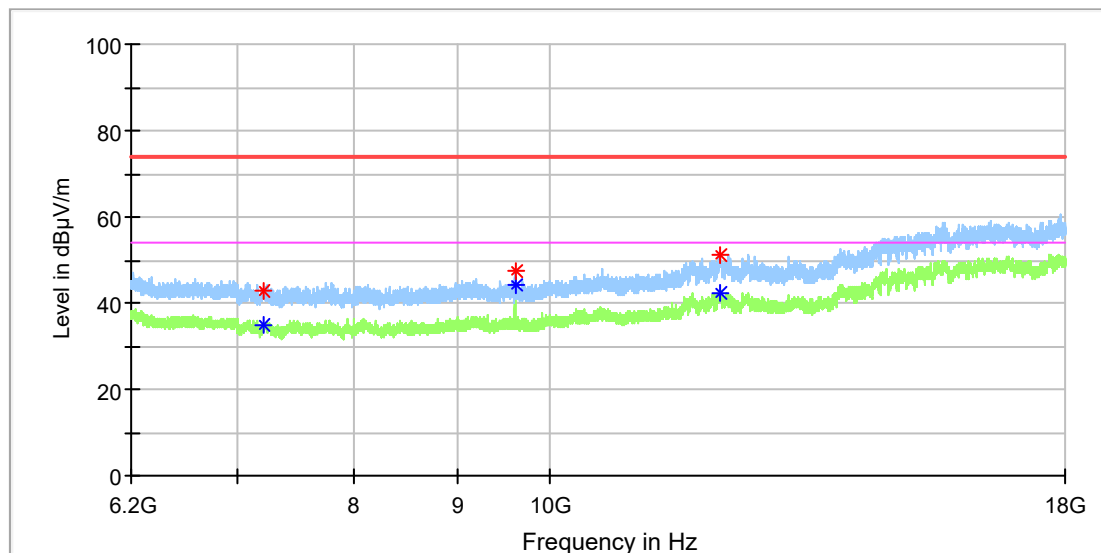
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4801.500000	52.09	---	74.00	21.91	150.0	V	344.0	13.3
4802.000000	---	41.70	54.00	12.30	150.0	V	142.0	13.3

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
100.00	100.00	100.00	100.00	100.00	100.00		100.00	100.00

EUT Information

EUT Name:	Portable Bluetooth Speaker
Model:	FlexBOOM
Test Mode:	BR DH5_Low channel
Order No./Sample No:	A004177656-002
Test Voltage:	AC 120V, 60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

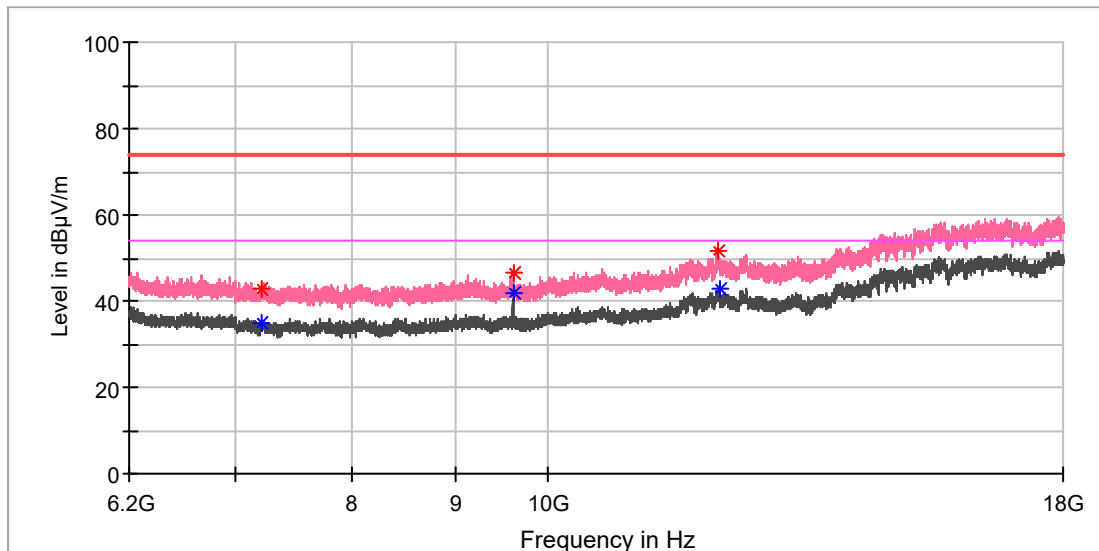
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	PoI	Azimuth (deg)	Corr. (dB/m)
7205.950000	42.99	---	74.00	31.01	150.0	H	289.0	8.8
7205.950000	---	34.92	54.00	19.08	150.0	H	289.0	8.8
9607.741667	47.31	---	74.00	26.69	150.0	H	230.0	10.4
9608.233333	---	44.02	54.00	9.98	150.0	H	230.0	10.4
12141.791667	---	42.47	54.00	11.53	150.0	H	197.0	16.5
12143.266667	51.35	---	74.00	22.65	150.0	H	166.0	16.6

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	

EUT Information

EUT Name:	Portable Bluetooth Speaker
Model:	FlexBOOM
Test Mode:	BR DH5_Low channel
Order No/Sample No:	A004177656-002
Test Voltage:	AC 120V, 60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

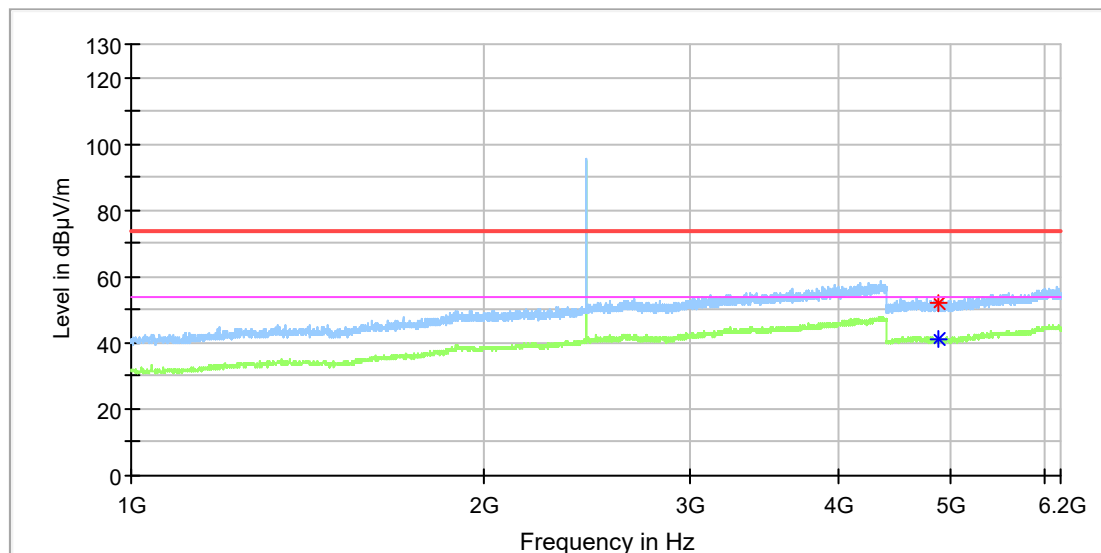
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7203.491667	---	34.94	54.00	19.06	150.0	V	270.0	8.8
7205.950000	42.81	---	74.00	31.20	150.0	V	291.0	8.8
9607.741667	46.56	---	74.00	27.44	150.0	V	149.0	10.4
9607.741667	---	41.99	54.00	12.01	150.0	V	149.0	10.4
12155.558333	51.63	---	74.00	22.38	150.0	V	32.0	16.4
12162.441667	---	42.65	54.00	11.35	150.0	V	0.0	16.1

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
----	----	----	----	----	----		----	

EUT Information

EUT Name:	Portable Bluetooth Speaker
Model:	FlexBOOM
Test Mode:	BR DH5_Mid channel
Order No/Sample No:	A004177656-002
Test Voltage:	AC 120V, 60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

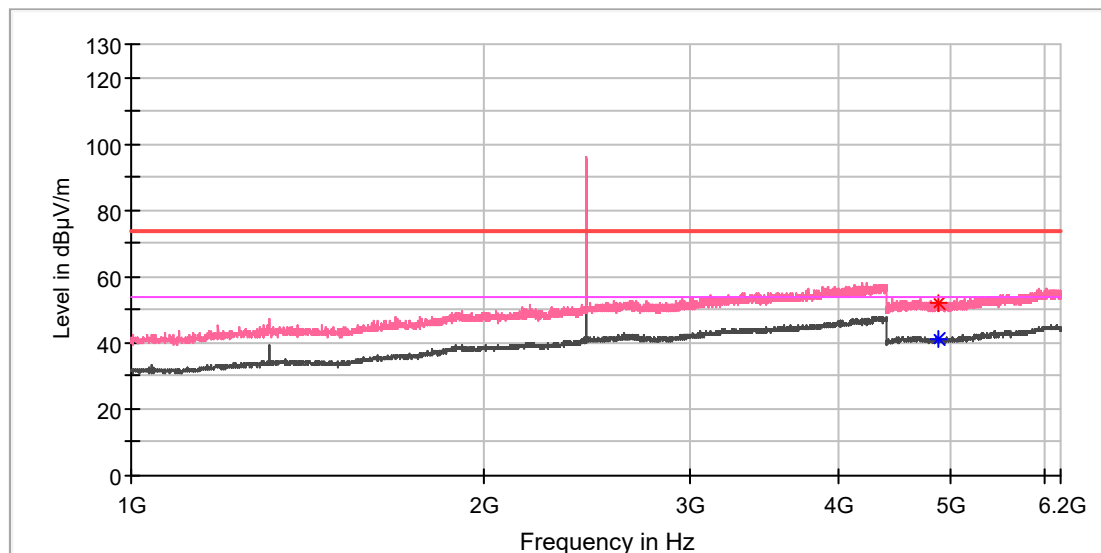
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4883.500000	---	40.92	54.00	13.08	150.0	H	101.0	13.3
4883.500000	52.19	---	74.00	21.81	150.0	H	101.0	13.3

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
100.00	100.00	100.00	100.00	100.00	100.00		100.00	100.00

EUT Information

EUT Name:	Portable Bluetooth Speaker
Model:	FlexBOOM
Test Mode:	BR DH5_Mid channel
Order No/Sample No:	A004177656-002
Test Voltage:	AC 120V, 60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

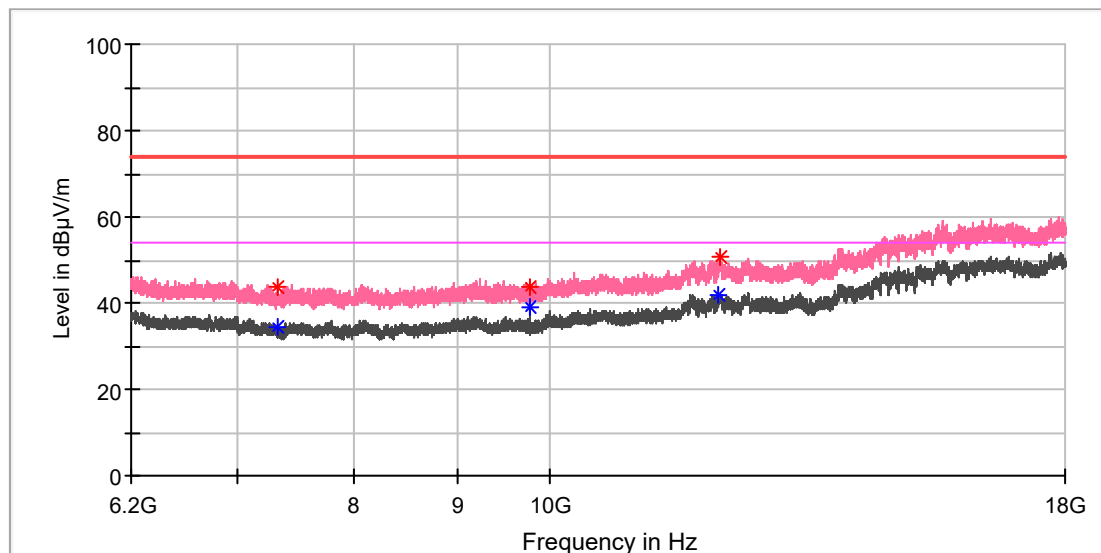
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4884.000000	52.04	---	74.00	21.96	150.0	V	272.0	13.3
4884.500000	---	40.84	54.00	13.16	150.0	V	285.0	13.3

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
100.00	100.00	100.00	100.00	100.00	100.00		100.00	100.00

EUT Information

EUT Name:	Portable Bluetooth Speaker
Model:	FlexBOOM
Test Mode:	BR DH5_Mid channel
Order No./Sample No:	A004177656-002
Test Voltage:	AC 120V, 60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

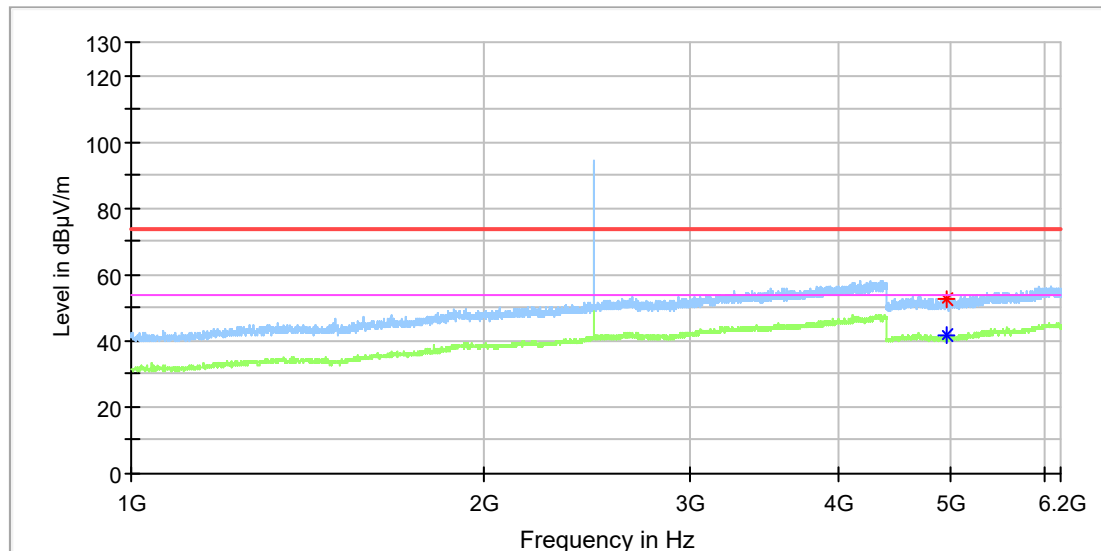
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	PoI	Azimuth (deg)	Corr. (dB/m)
7321.983333	---	34.41	54.00	19.59	150.0	V	164.0	8.2
7321.983333	43.78	---	74.00	30.22	150.0	V	164.0	8.2
9764.091667	43.54	---	74.00	30.46	150.0	V	164.0	10.4
9764.091667	---	39.30	54.00	14.70	150.0	V	164.0	10.4
12126.058333	---	42.00	54.00	12.00	150.0	V	266.0	16.1
12158.016667	50.67	---	74.00	23.33	150.0	V	151.0	16.3

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	Portable Bluetooth Speaker
Model:	FlexBOOM
Test Mode:	BR DH5_High channel
Order No/Sample No:	A004177656-002
Test Voltage:	AC 120V, 60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

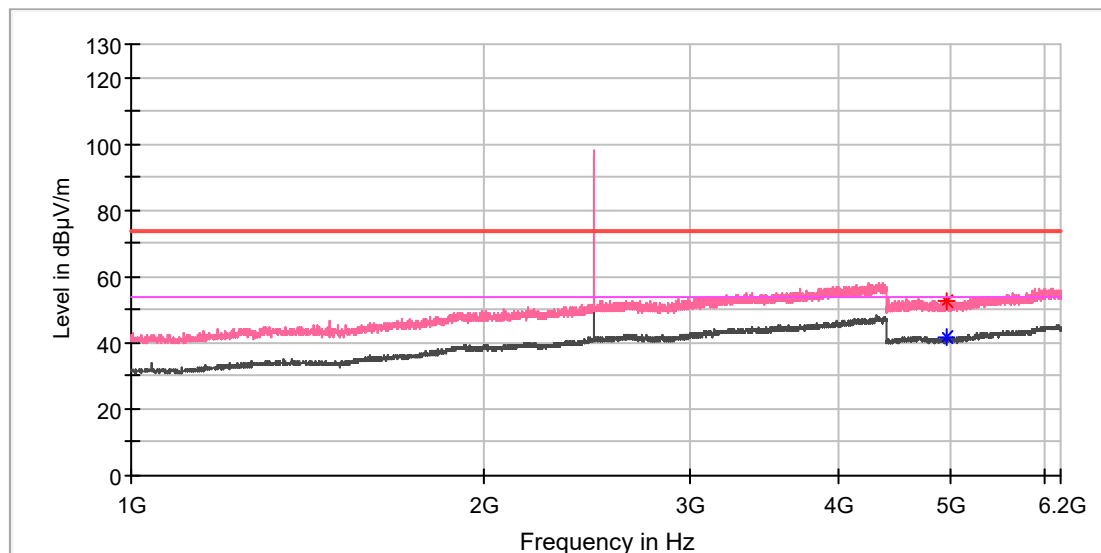
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4957.500000	52.48	---	74.00	21.52	150.0	H	134.0	13.3
4958.500000	---	41.58	54.00	12.42	150.0	H	0.0	13.3

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
100.000	100.000	100.000	100.000	100.000	100.000		100.000	100.000

EUT Information

EUT Name:	Protoble Bluetooth Speaker
Model:	FlexBOOM
Test Mode:	BR DH5_High channel
Order No/Sample No:	A004177656-002
Test Voltage:	AC 120V, 60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

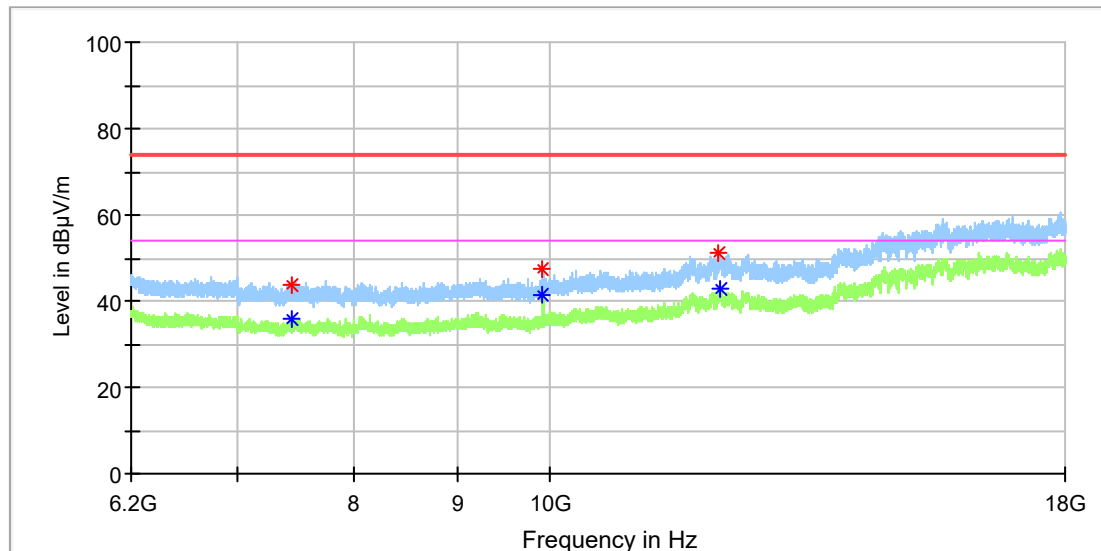
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4955.000000	52.80	---	74.00	21.20	150.0	V	87.0	13.3
4959.500000	---	41.42	54.00	12.58	150.0	V	273.0	13.3

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
100.00	100.00	100.00	100.00	100.00	100.00		100.00	100.00

EUT Information

EUT Name:	Portable Bluetooth Speaker
Model:	FlexBOOM
Test Mode:	BR DH5_High channel
Order No/Sample No:	A004177656-002
Test Voltage:	AC 120V, 60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

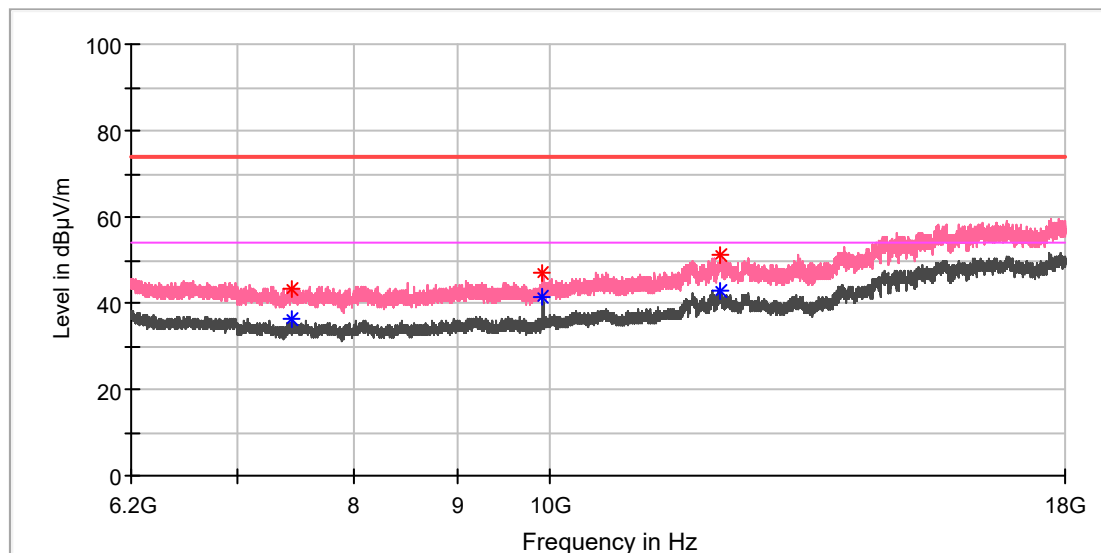
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	PoI	Azimuth (deg)	Corr. (dB/m)
7444.408333	43.61	---	74.00	30.39	150.0	H	0.0	8.5
7445.391667	---	35.62	54.00	18.38	150.0	H	36.0	8.5
9919.950000	47.26	---	74.00	26.74	150.0	H	13.0	10.8
9919.950000	---	41.59	54.00	12.41	150.0	H	13.0	10.8
12115.733333	51.02	---	74.00	22.98	150.0	H	136.0	15.8
12159.000000	---	42.94	54.00	11.06	150.0	H	0.0	16.3

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name:	Portable Bluetooth Speaker
Model:	FlexBOOM
Test Mode:	BR DH5_High channel
Order No/Sample No:	A004177656-002
Test Voltage:	AC 120V, 60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	PoI	Azimuth (deg)	Corr. (dB/m)
7444.900000	---	36.38	54.00	17.62	150.0	V	74.0	8.5
7446.375000	43.09	---	74.00	30.91	150.0	V	355.0	8.5
9919.950000	46.76	---	74.00	27.24	150.0	V	154.0	10.8
9919.950000	---	41.28	54.00	12.72	150.0	V	154.0	10.8
12142.775000	51.08	---	74.00	22.92	150.0	V	22.0	16.5
12146.708333	---	42.71	54.00	11.29	150.0	V	131.0	16.6

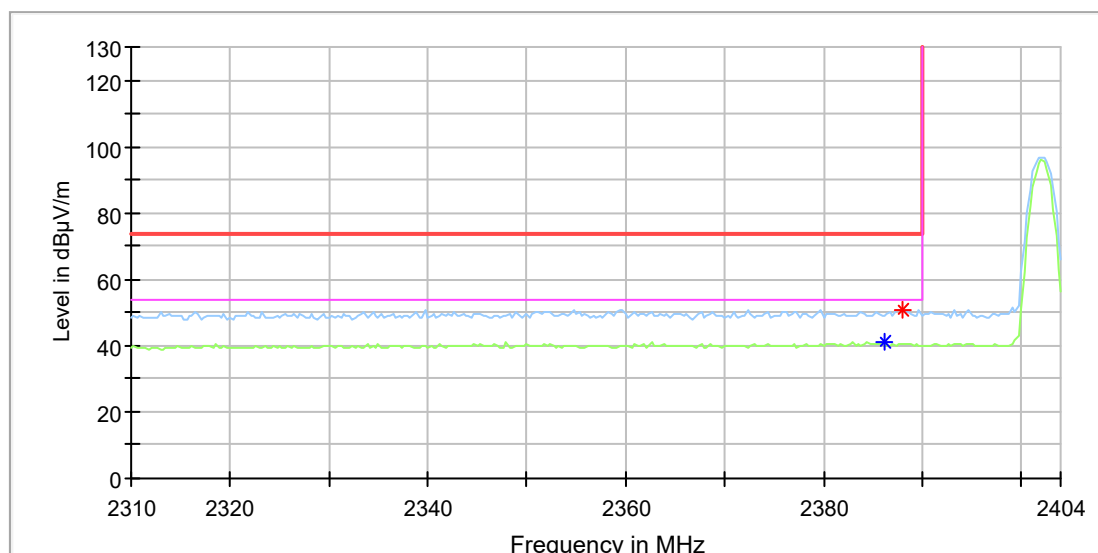
Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Appendix A.8: Test Results of Radiated Emissions in Restricted Bands

EUT Information

EUT Name:	Protoble Bluetooth Speaker
Model:	FlexBOOM
Test Mode:	BR DH5_Low channel
Order No/Sample No:	A004177656-002
Test Voltage:	AC 120V, 60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

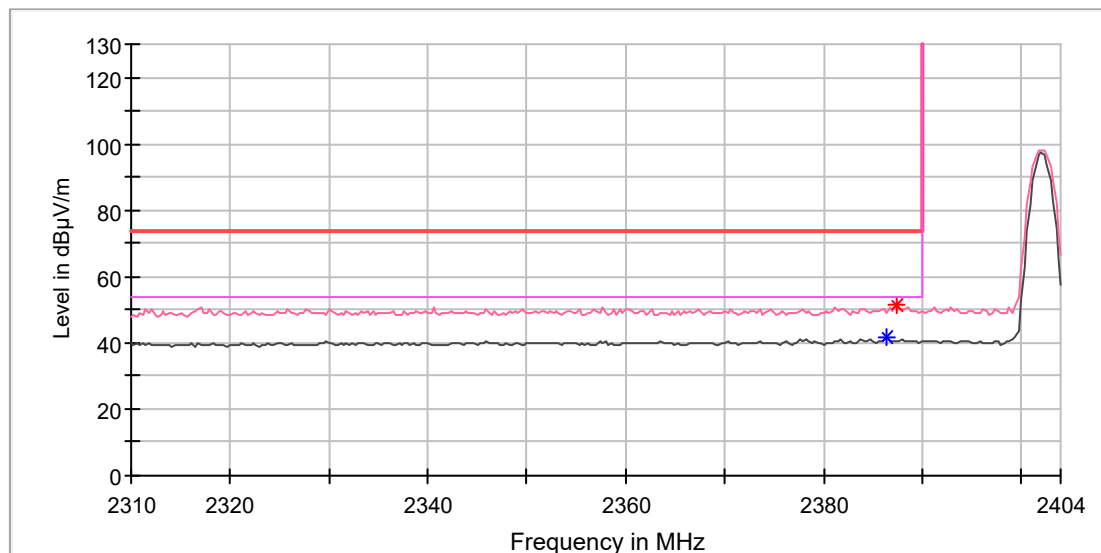
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2386.176471	---	41.08	54.00	12.92	150.0	H	121.0	8.5
2387.941177	50.90	---	74.00	23.10	150.0	H	244.0	8.5

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name:	Portable Bluetooth Speaker
Model:	FlexBOOM
Test Mode:	BR DH5_Low channel
Order No./Sample No:	A004177656-002
Test Voltage:	AC 120V, 60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

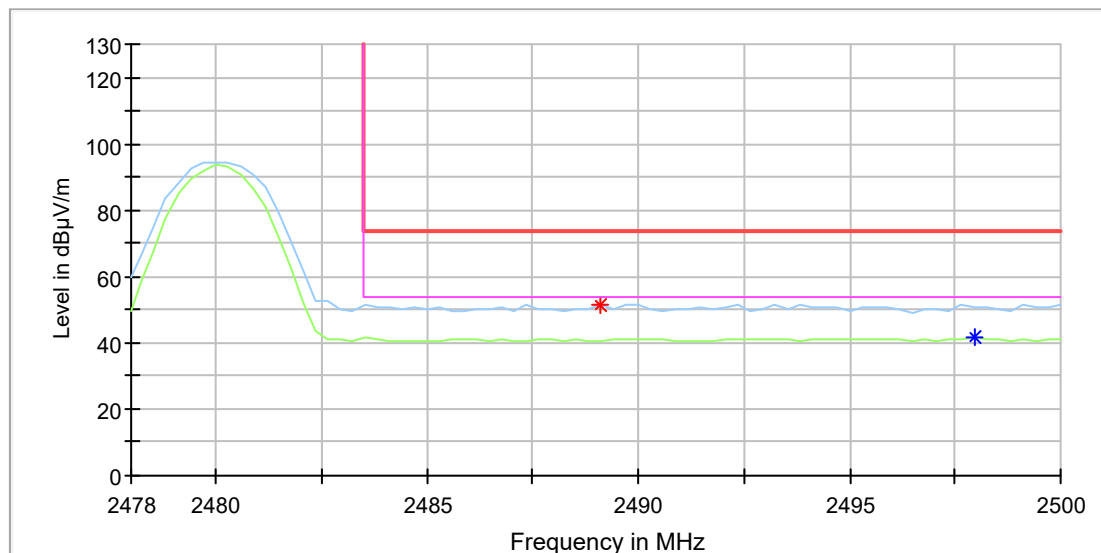
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2386.470588	---	41.59	54.00	12.41	150.0	V	327.0	8.5
2387.352941	51.10	---	74.00	22.90	150.0	V	304.0	8.5

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
100.00	100.00	100.00	100.00	100.00	100.00		100.00	100.00

EUT Information

EUT Name:	Portable Bluetooth Speaker
Model:	FlexBOOM
Test Mode:	BR DH5_High channel
Order No/Sample No:	A004177656-002
Test Voltage:	AC 120V, 60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

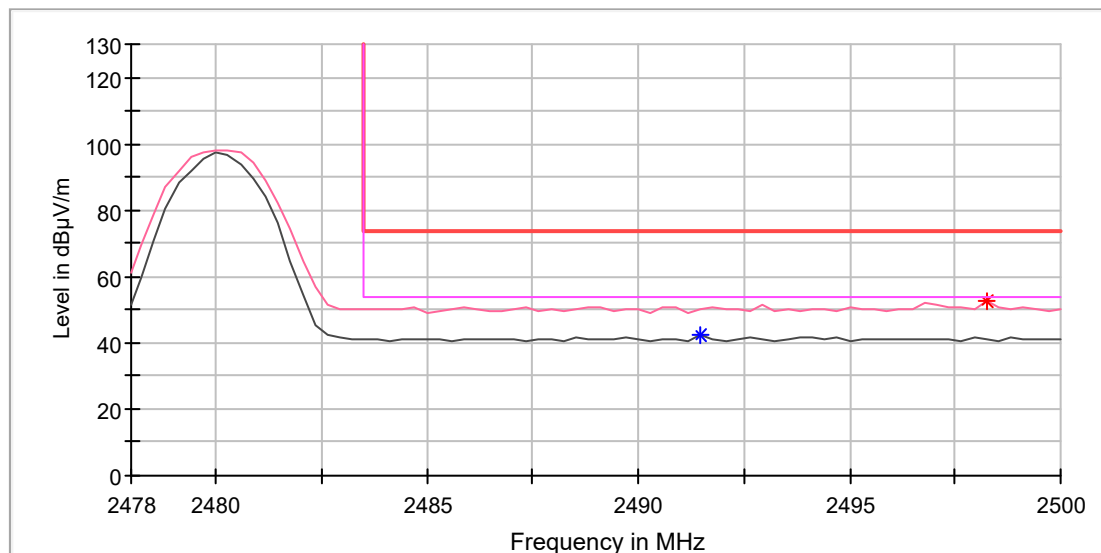
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2489.117647	51.66	---	74.00	22.34	150.0	H	103.0	9.0
2497.941177	---	41.84	54.00	12.16	150.0	H	89.0	9.0

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
100.00	100.00	100.00	100.00	100.00	100.00		100.00	100.00

EUT Information

EUT Name:	Portable Bluetooth Speaker
Model:	FlexBOOM
Test Mode:	BR DH5_High channel
Order No./Sample No:	A004177656-002
Test Voltage:	AC 120V, 60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2491.470588	---	42.25	54.00	11.75	150.0	V	324.0	9.0
2498.235294	52.64	---	74.00	21.36	150.0	V	324.0	9.0

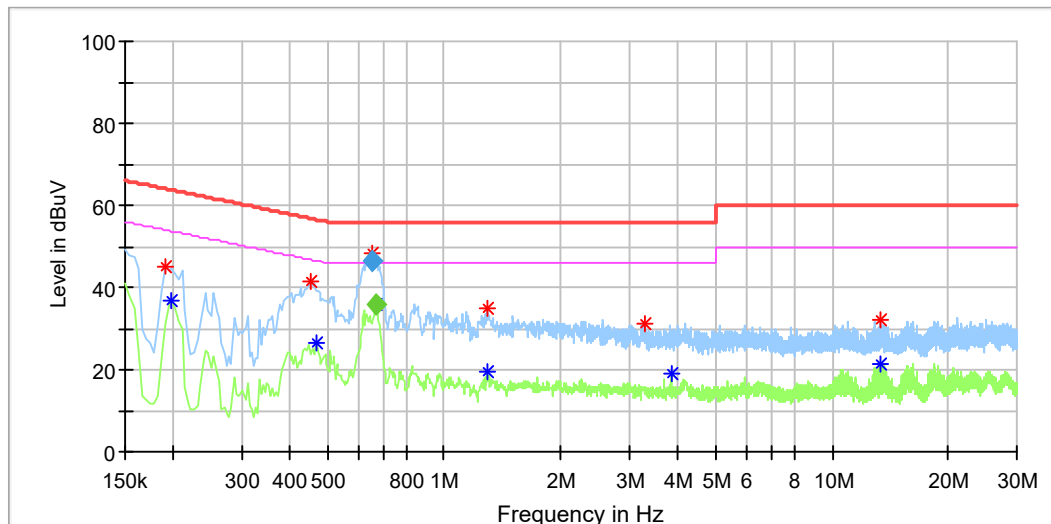
Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
100.00	100.00	100.00	100.00	100.00	100.00		100.00	100.00

Appendix A.9: Test Results of Conducted Emission on AC Mains

EUT Information

EUT Name:	Portable Bluetooth Speaker
Order Number:	P02241501
Model:	FlexBOOM
Test Mode:	Charging + BT Link
Test Voltage:	AC 120V/60Hz
Test Standard:	FCC Part 15
Test By:/Review By:	Dawn Shen / Charlie Zha
Tem./Hum./Pressure:	24.0°C/49.3%/101kPa
Remark:	SR 3



Critical_Freqs

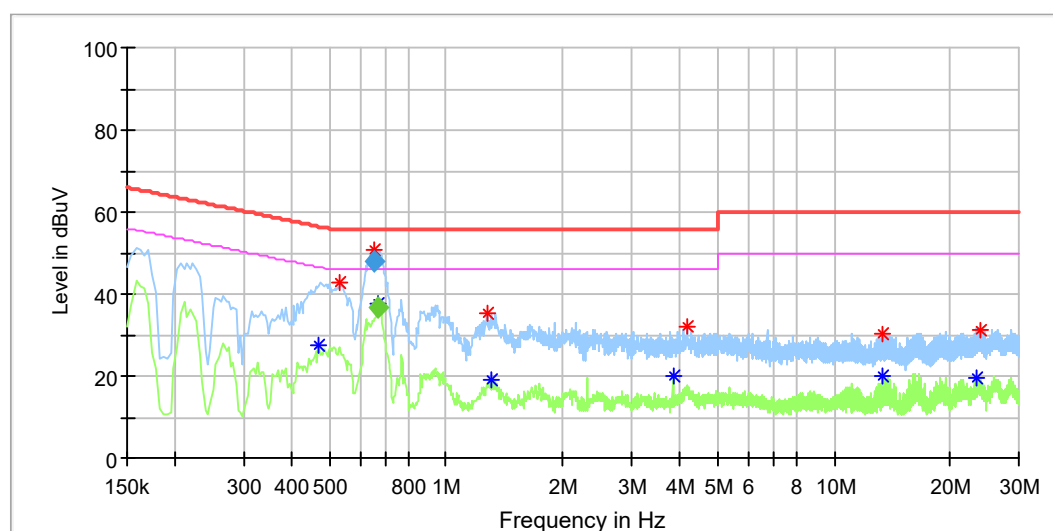
Frequency (MHz)	MaxPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Line	Corr. (dB)
0.190	45.1	---	64.04	18.94	L1	9.7
0.198	---	36.8	53.69	16.88	L1	9.7
0.454	41.2	---	56.80	15.61	L1	9.5
0.470	---	26.4	46.51	20.16	L1	9.5
0.654	48.6	---	56.00	7.40	L1	9.7
0.670	---	35.7	46.00	10.26	L1	9.7
1.290	---	19.3	46.00	26.69	L1	9.6
1.290	34.9	---	56.00	21.08	L1	9.6
3.306	31.2	---	56.00	24.82	L1	9.6
3.838	---	18.8	46.00	27.15	L1	9.7
13.358	---	21.4	50.00	28.58	L1	9.6
13.358	31.9	---	60.00	28.14	L1	9.6

Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.654	46.4	---	56.00	9.64	1000.0	9.0	L1	9.7
0.670	---	35.8	46.00	10.25	1000.0	9.0	L1	9.7

EUT Information

EUT Name: Protable Bluetooth Speaker
 Order Number: P02241501
 Model: FlexBOOM
 Test Mode: Charging + BT Link
 Test Voltage: AC 120V/60Hz
 Test Standard: FCC Part 15
 Test By./Review By: Dawn Shen / Charlie Zha
 Tem./Hum./Pressure: 24.0°C/49.3%/101kPa
 Remark: SR 3



Critical Freqs

Frequency (MHz)	MaxPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Line	Corr. (dB)
0.470	---	27.6	46.51	18.90	N	9.9
0.534	42.8	---	56.00	13.20	N	9.9
0.655	50.9	---	56.00	5.14	N	9.9
0.671	---	37.5	46.00	8.47	N	9.9
1.274	35.5	---	56.00	20.45	N	9.8
1.306	---	19.1	46.00	26.85	N	9.8
3.842	---	19.9	46.00	26.13	N	9.7
4.174	32.0	---	56.00	24.02	N	9.7
13.382	---	20.1	50.00	29.92	N	9.6
13.382	30.2	---	60.00	29.83	N	9.6
23.314	---	19.3	50.00	30.67	N	9.8
23.930	31.1	---	60.00	28.87	N	9.9

Final Result

Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.655	47.8	---	56.00	8.17	1000.0	9.0	N	9.9
0.671	---	36.7	46.00	9.26	1000.0	9.0	N	9.9