

Appendix B

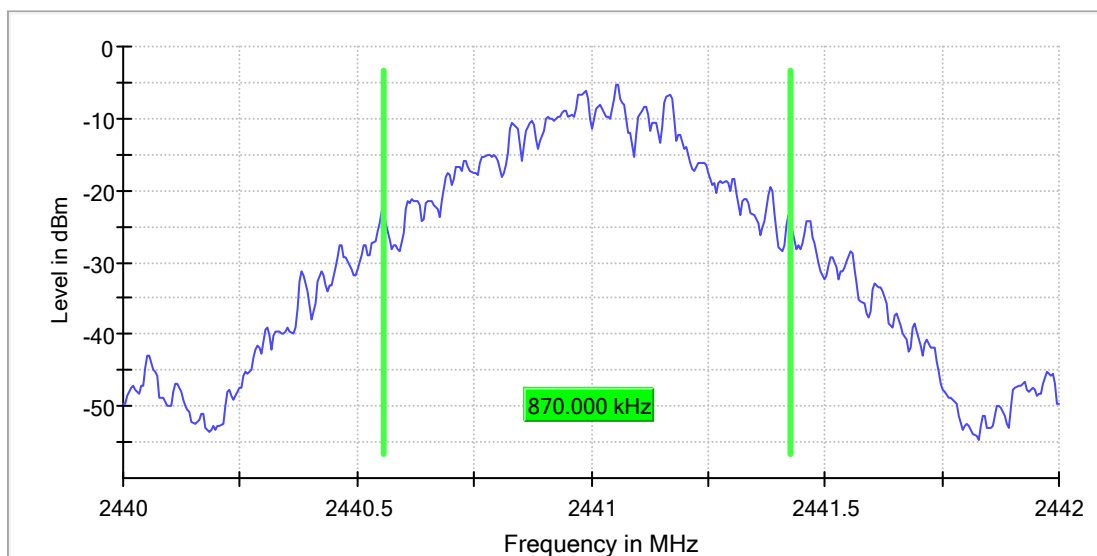
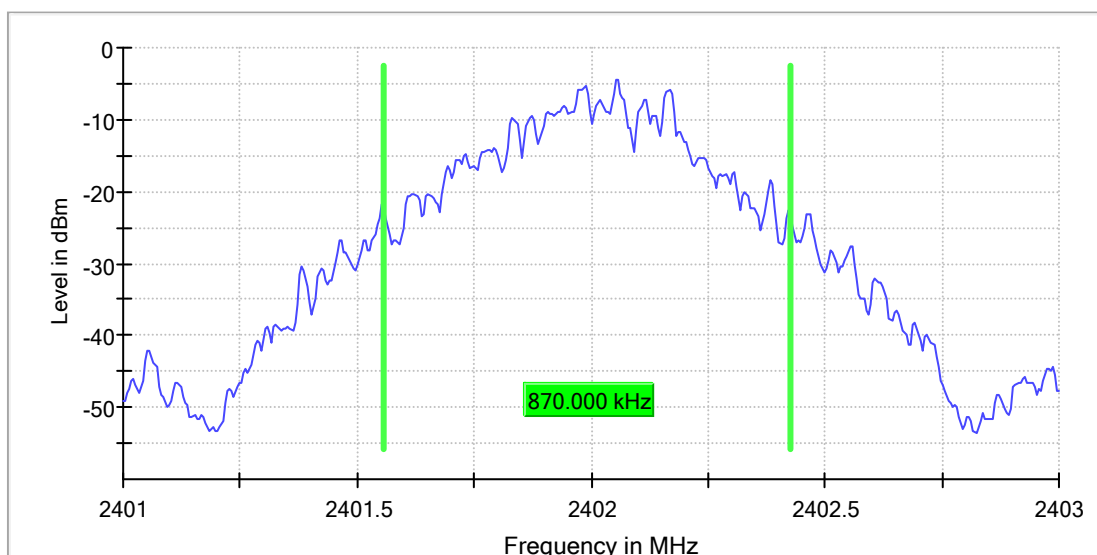
Test Results of Conducted Testing

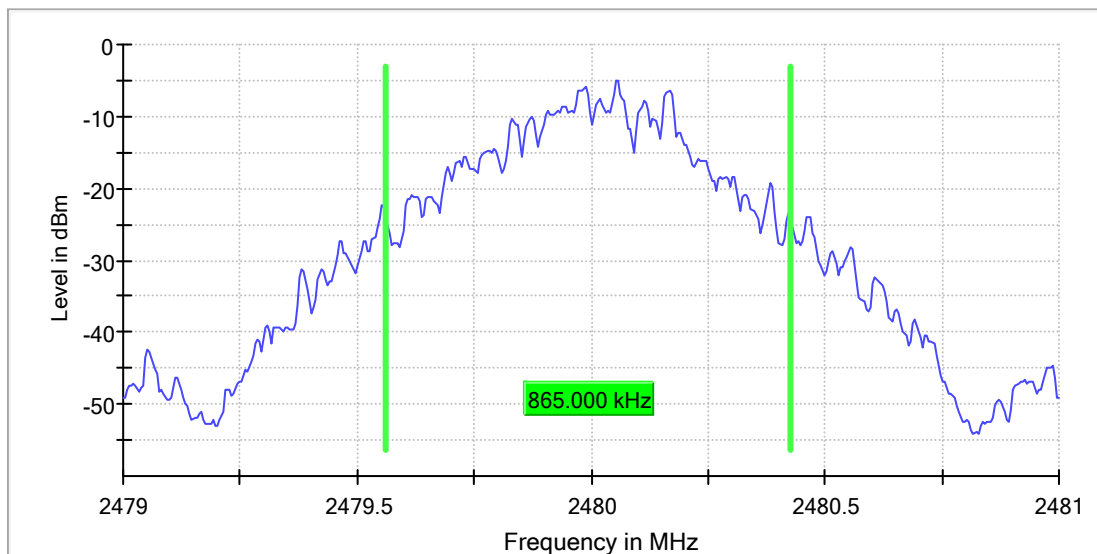
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Appendix B.1: Test Plots of 99% Bandwidth

BDR Mode, DH1

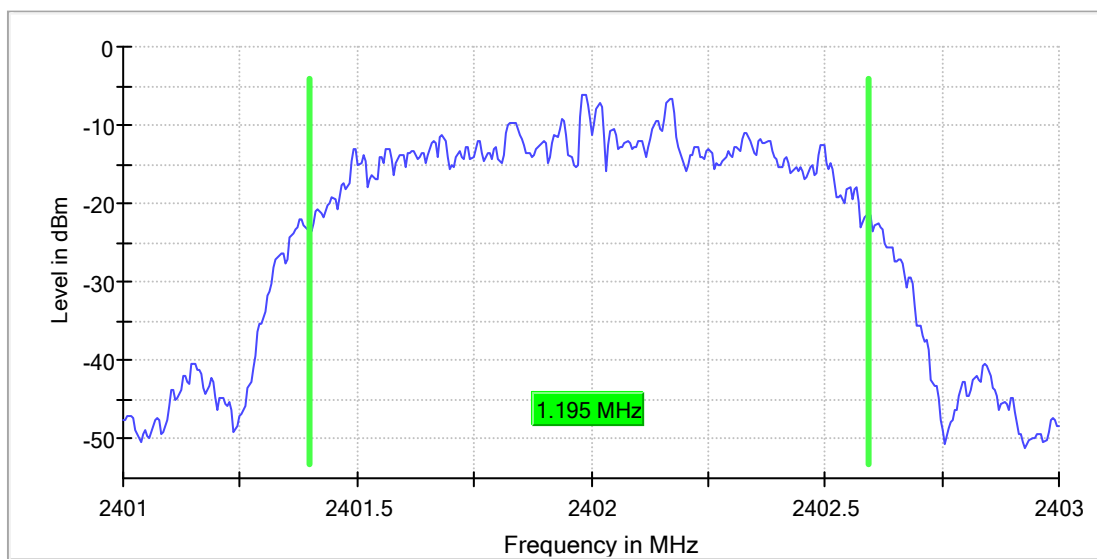
RBW=30KHz, VBW=100KHz

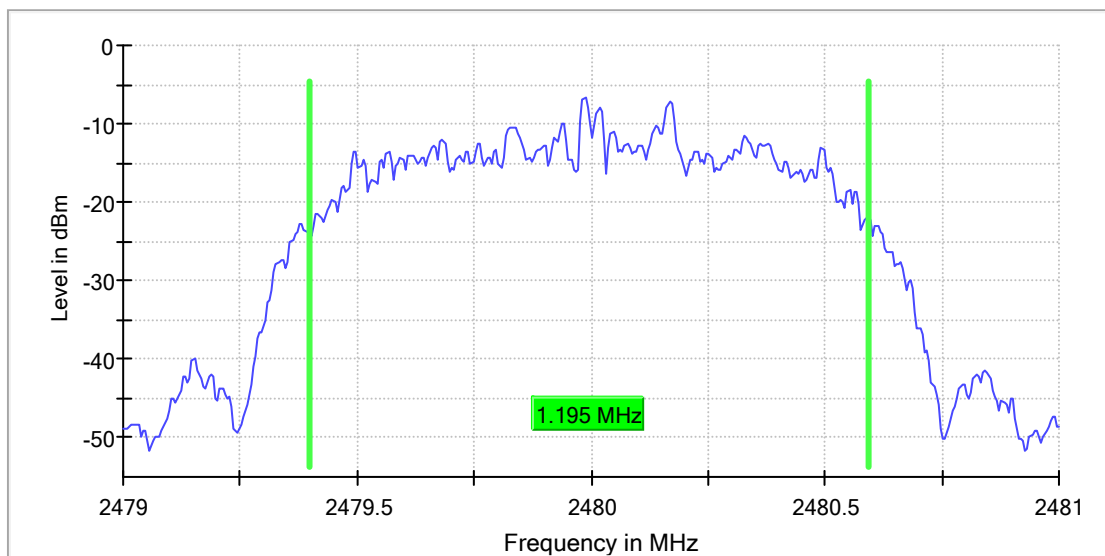
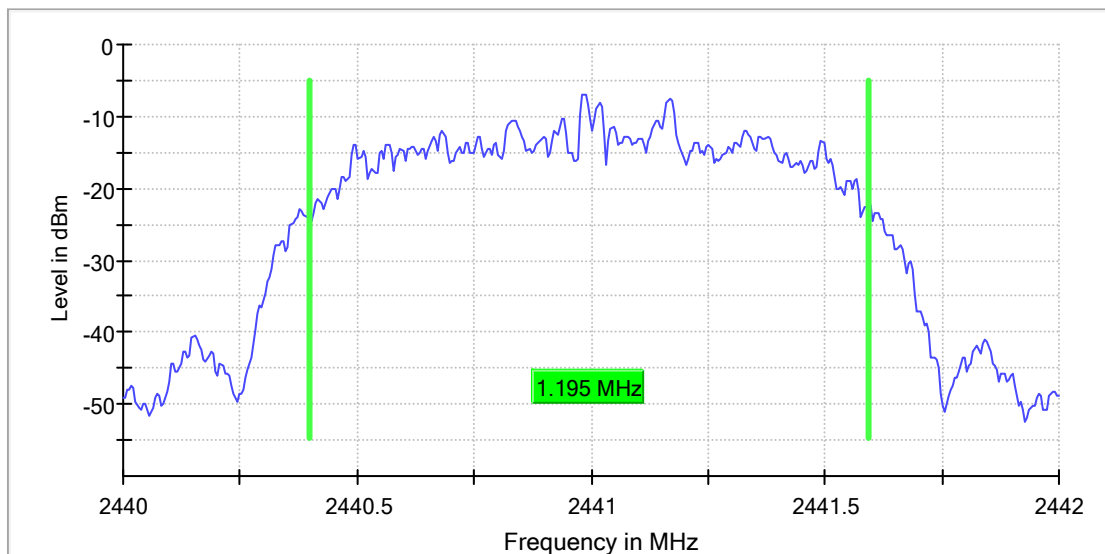




EDR Mode, 3DH1

RBW=30KHz VBW=100KHz

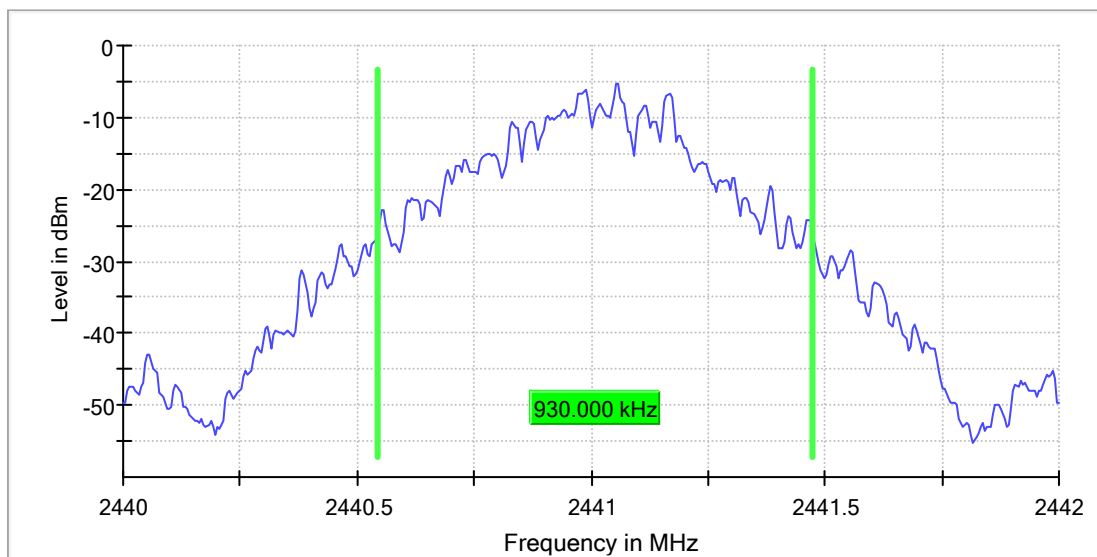
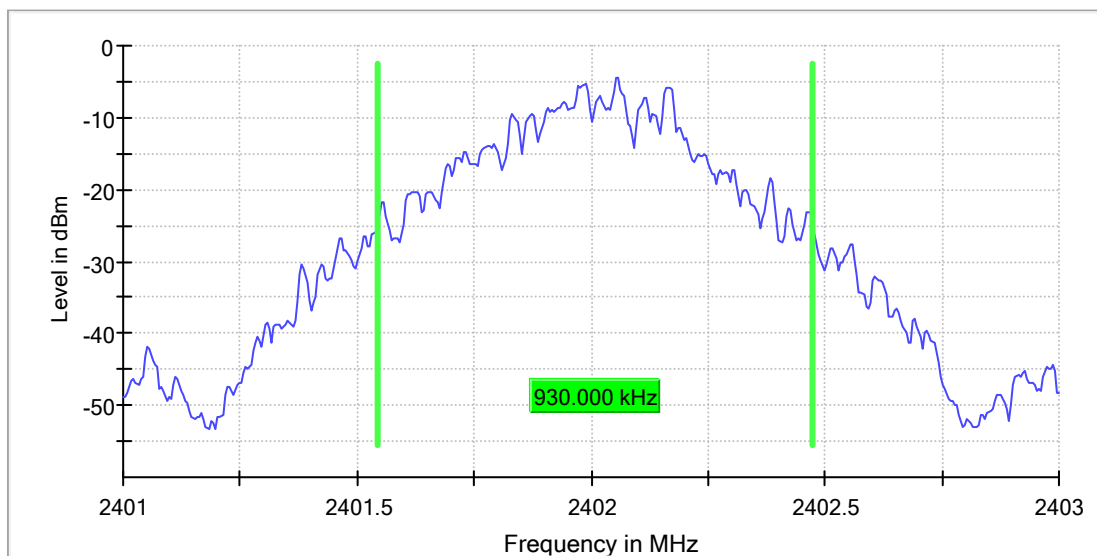


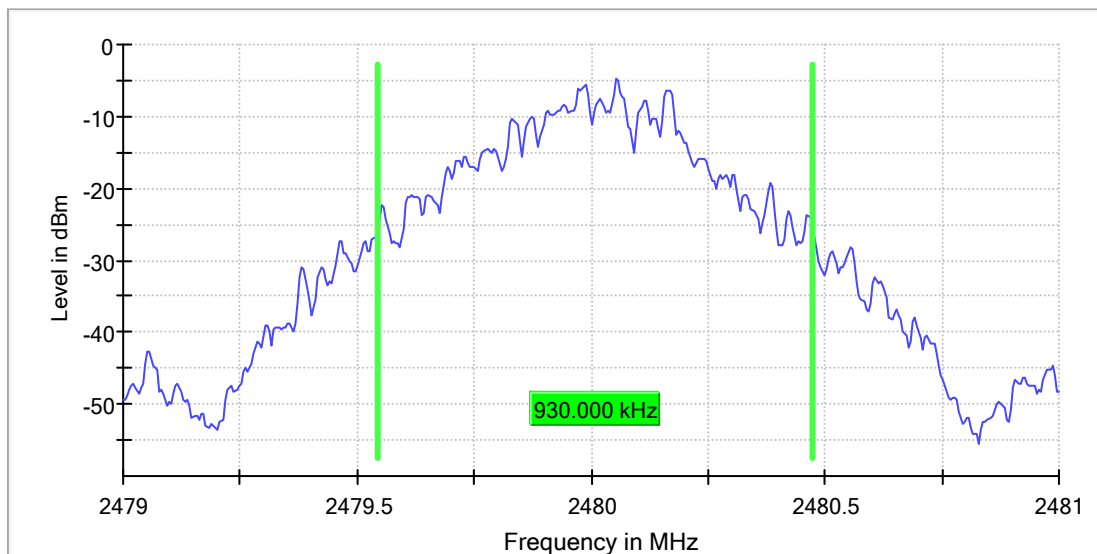


Appendix B.2: Test Plots of 20dB Bandwidth

BDR Mode, DH1

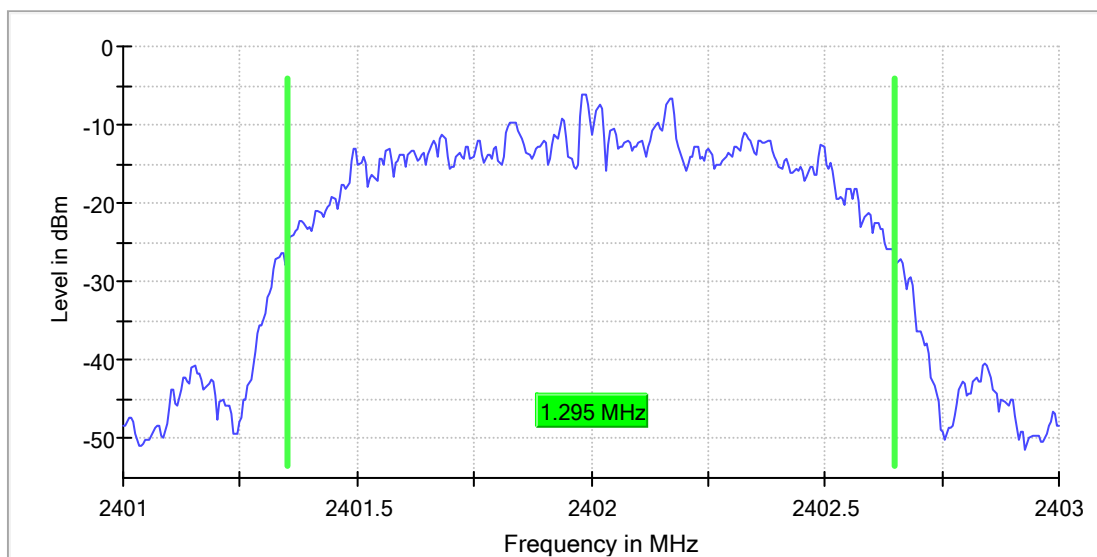
RBW=30KHz VBW=100KHz

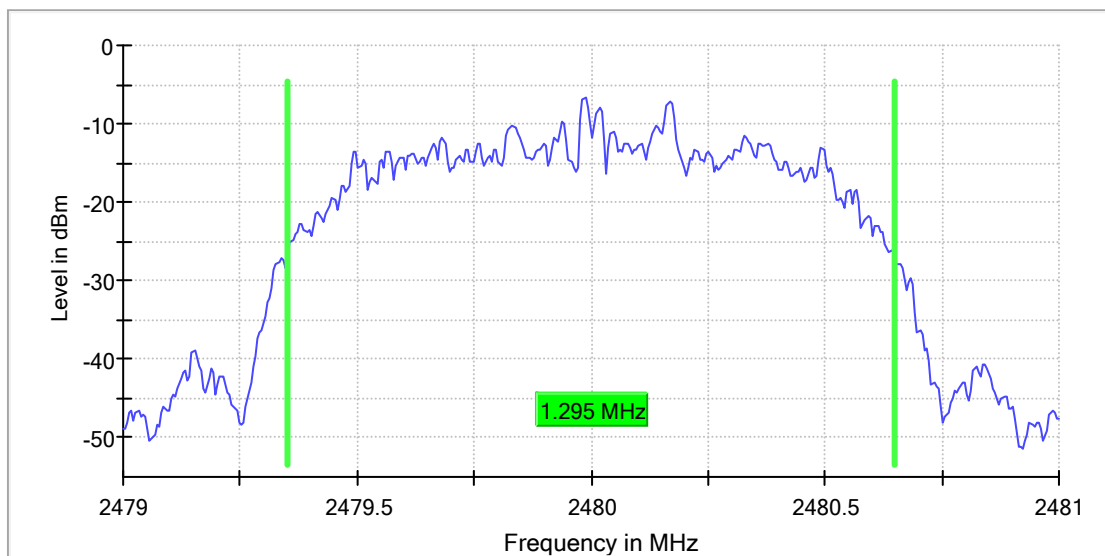
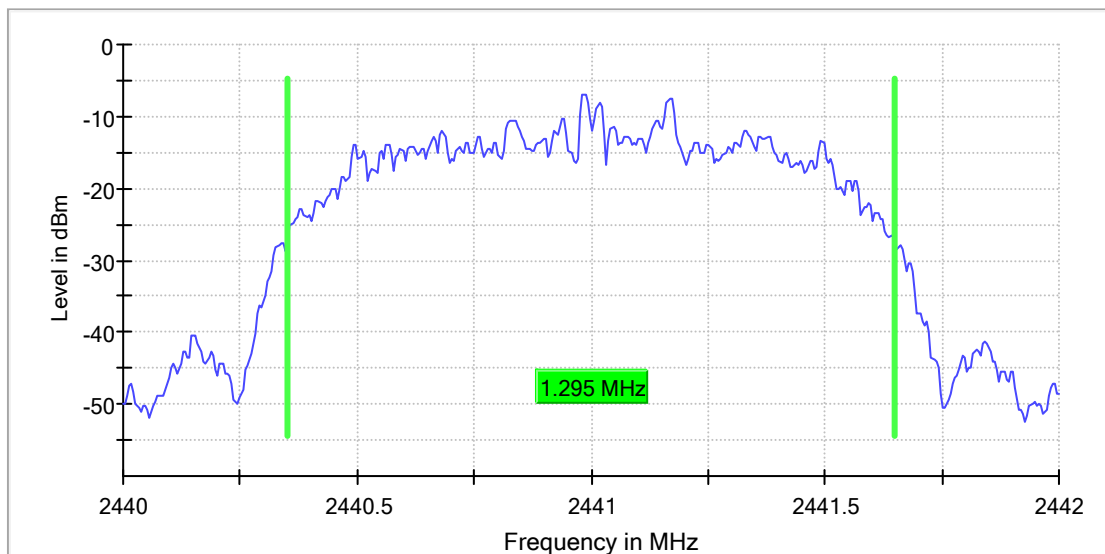




EDR Mode, 3DH1

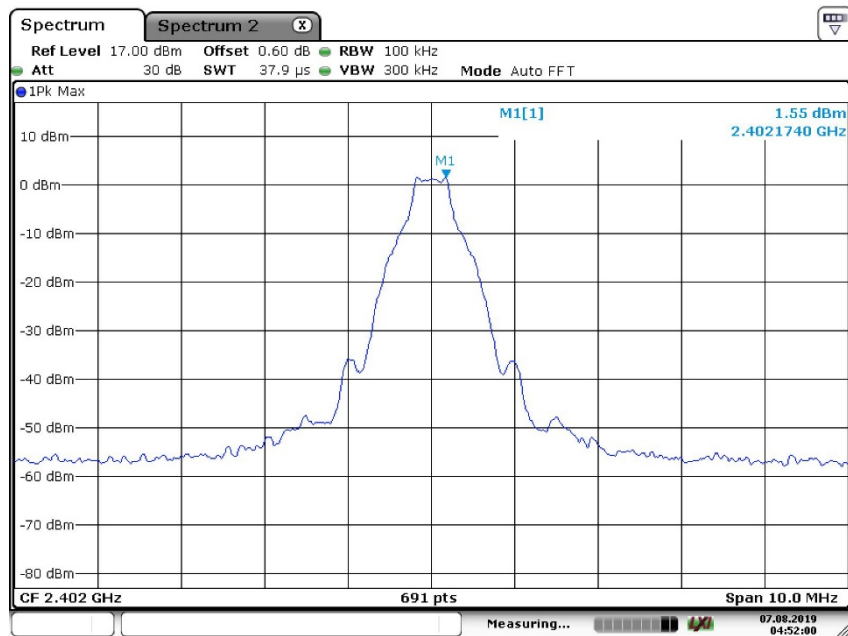
RBW=30KHz VBW=100KHz



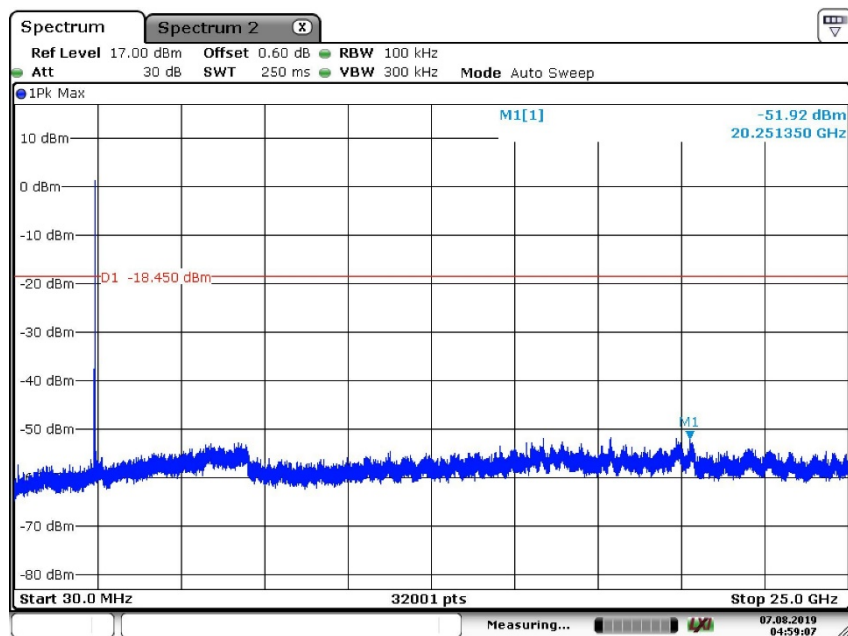


Appendix B.3: Test Plots of Conducted Spurious Emissions Measured in 100 kHz Bandwidth

BDR Mode, Low Channel

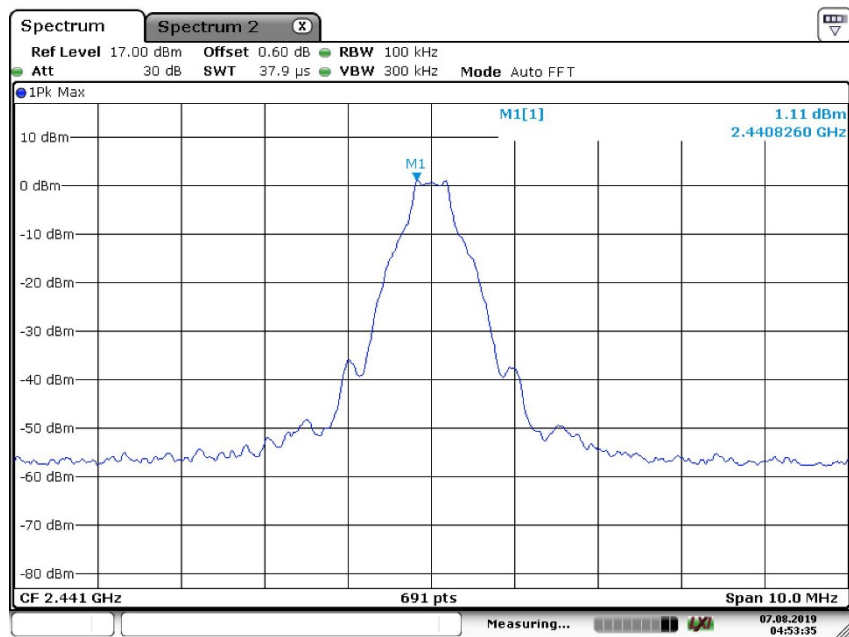


Date: 7.AUG.2019 04:52:00

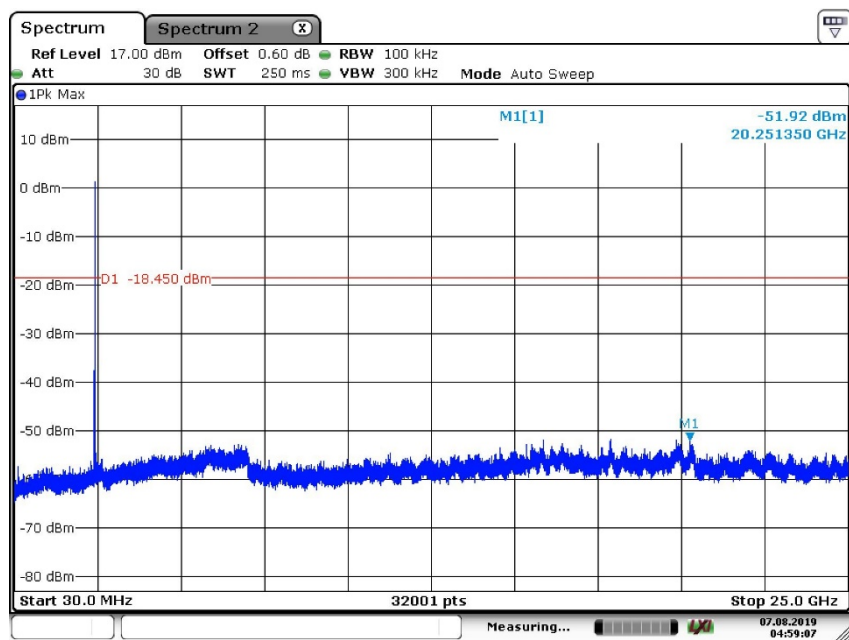


Date: 7.AUG.2019 04:59:07

BDR Mode, Middle Channel

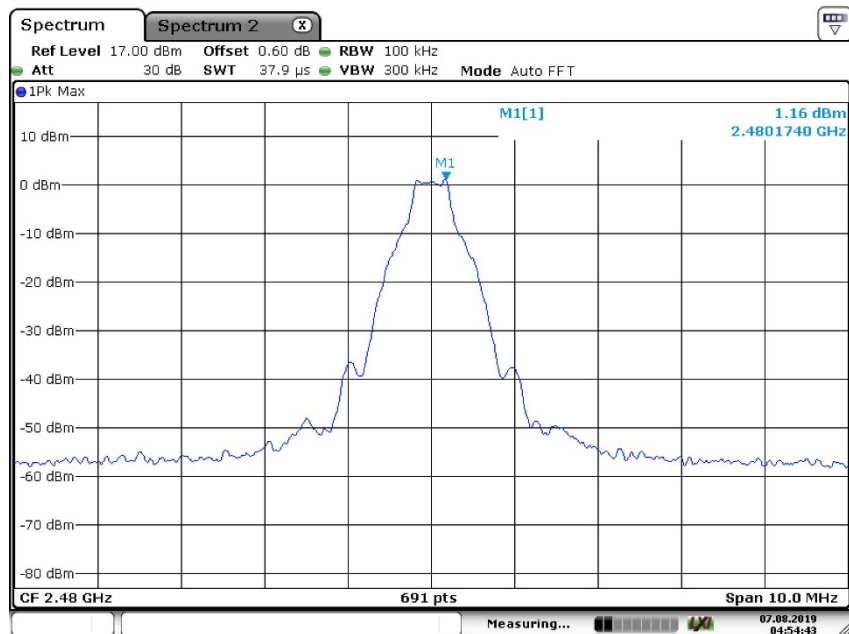


Date: 7.AUG.2019 04:53:35

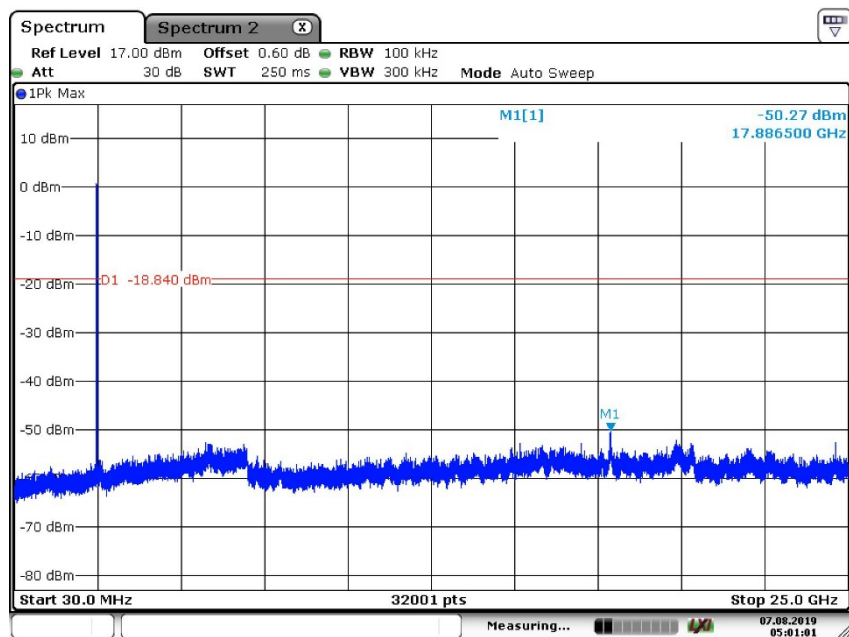


Date: 7.AUG.2019 04:59:07

BDR Mode, High Channel

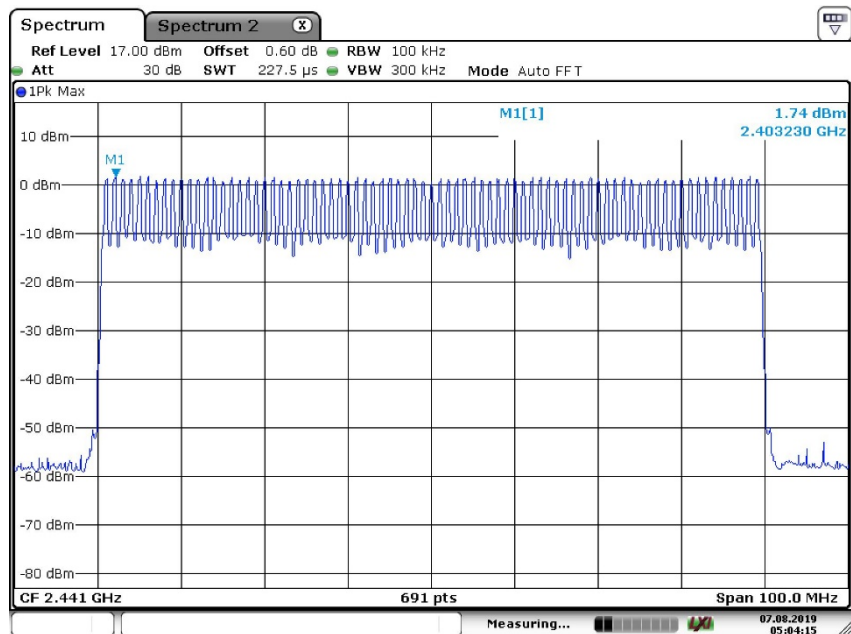


Date: 7.AUG.2019 04:54:43

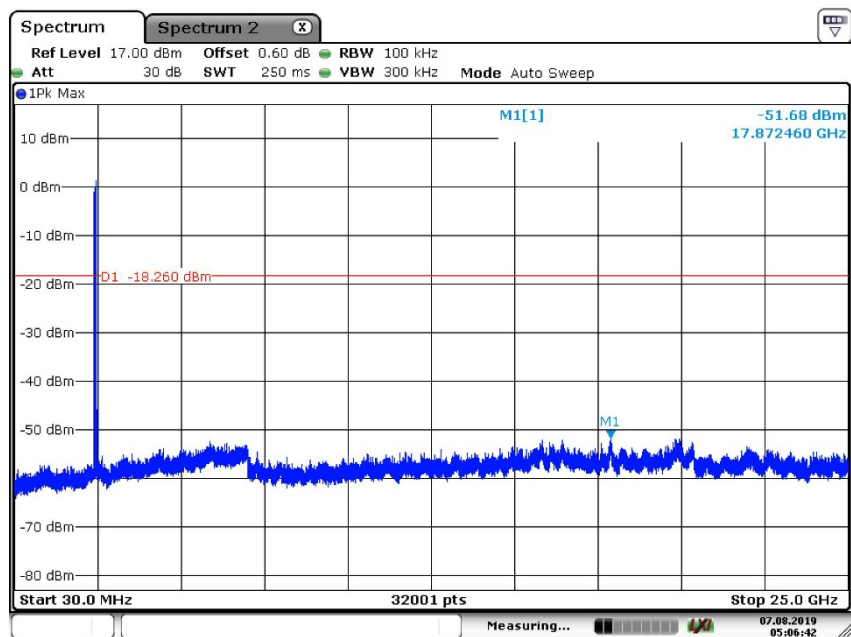


Date: 7.AUG.2019 05:01:01

BDR, Hopping

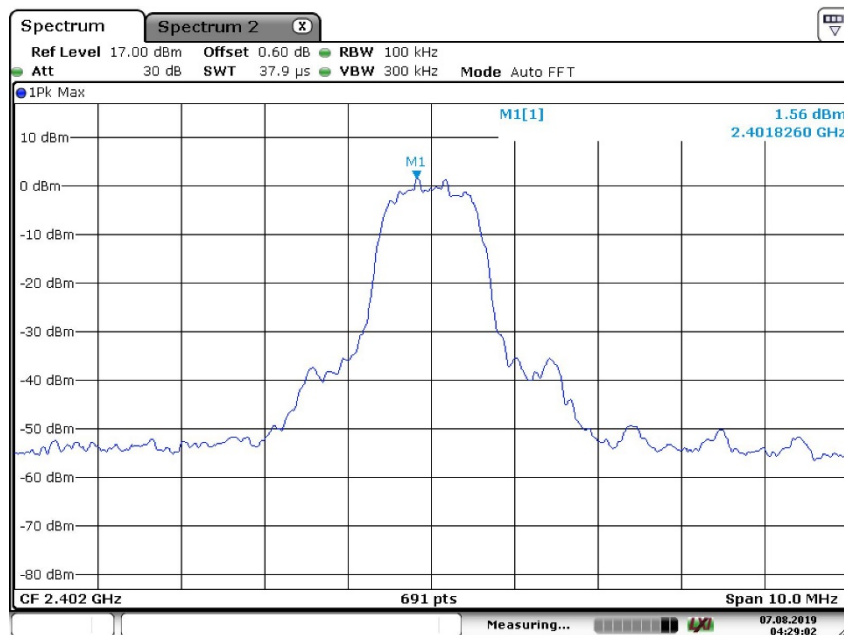


Date: 7.AUG.2019 05:04:15

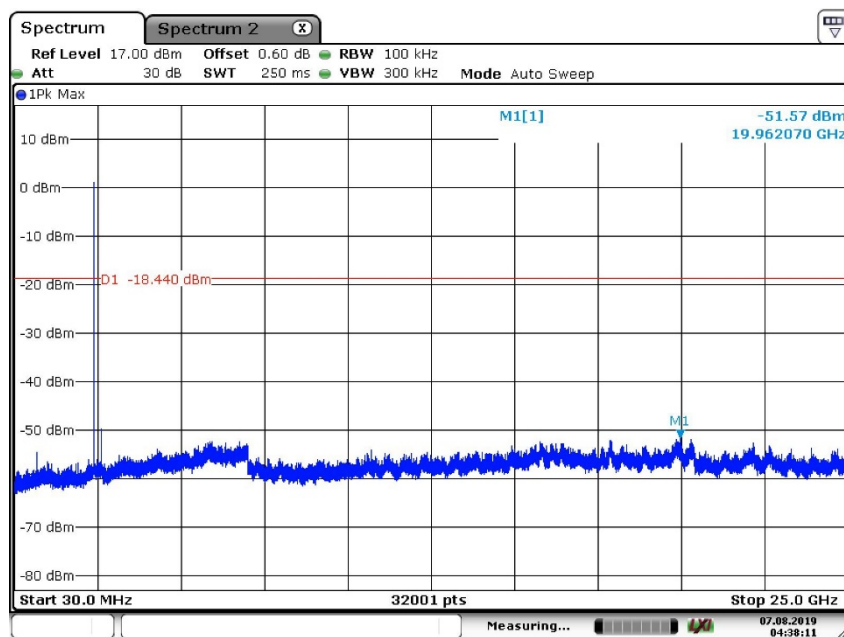


Date: 7.AUG.2019 05:06:43

EDR Mode, Low Channel

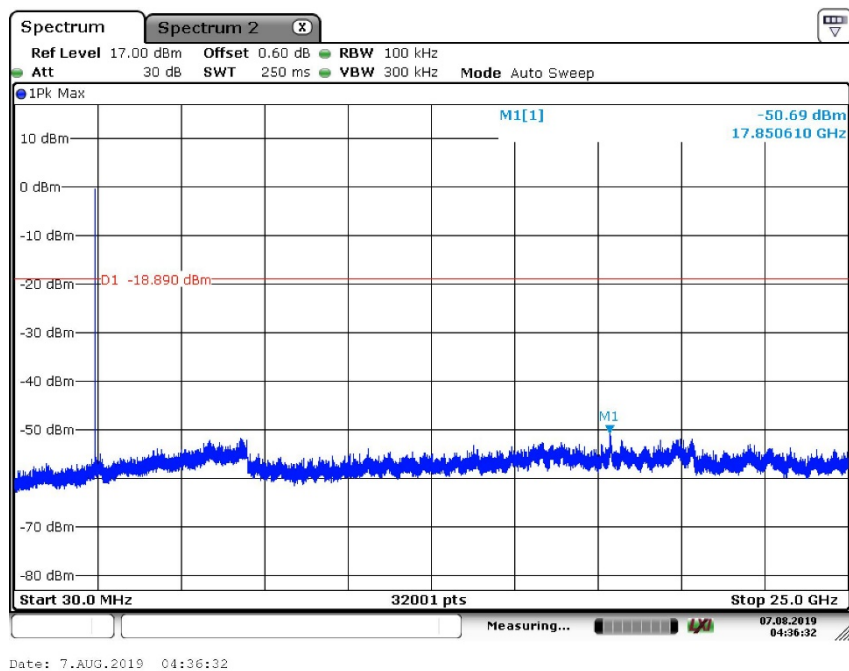
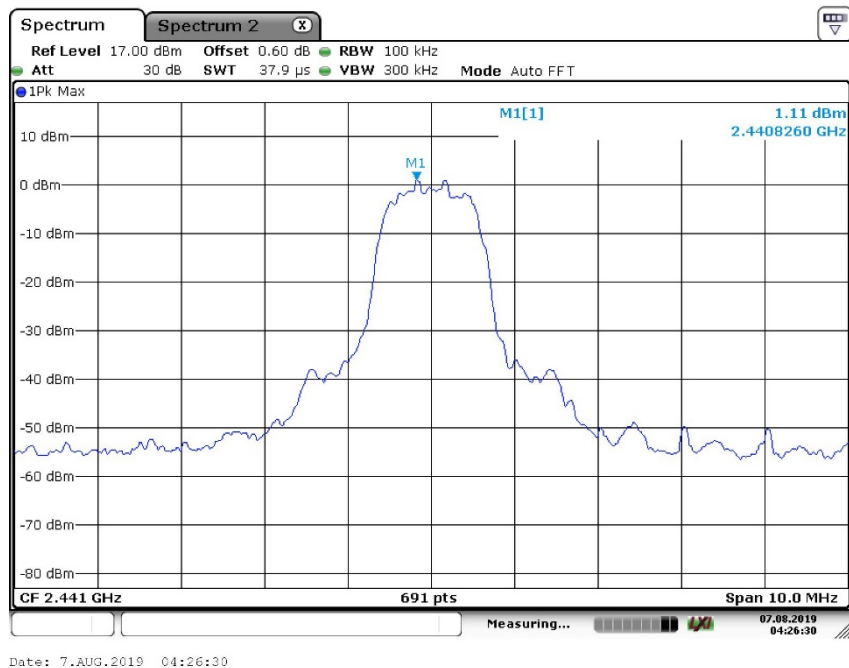


Date: 7.AUG.2019 04:29:02

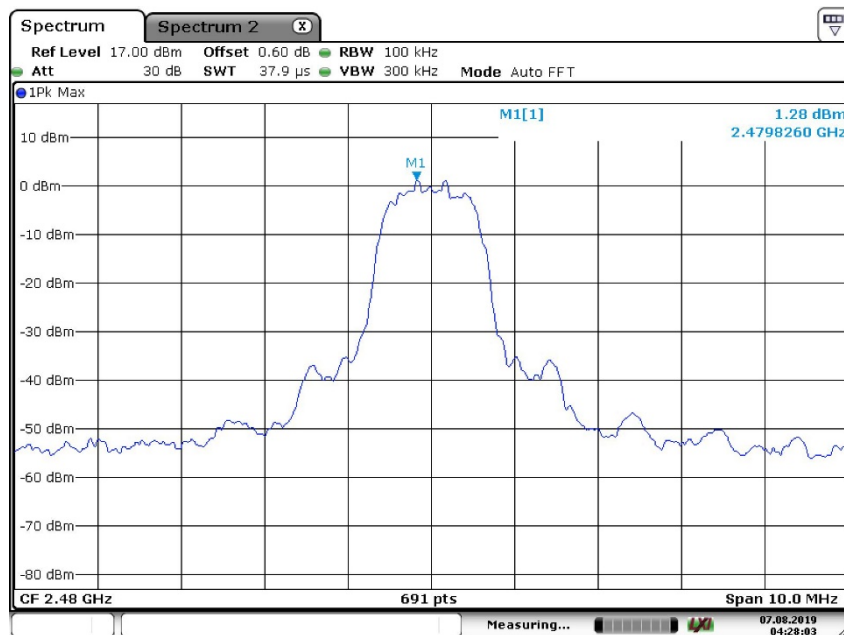


Date: 7.AUG.2019 04:38:11

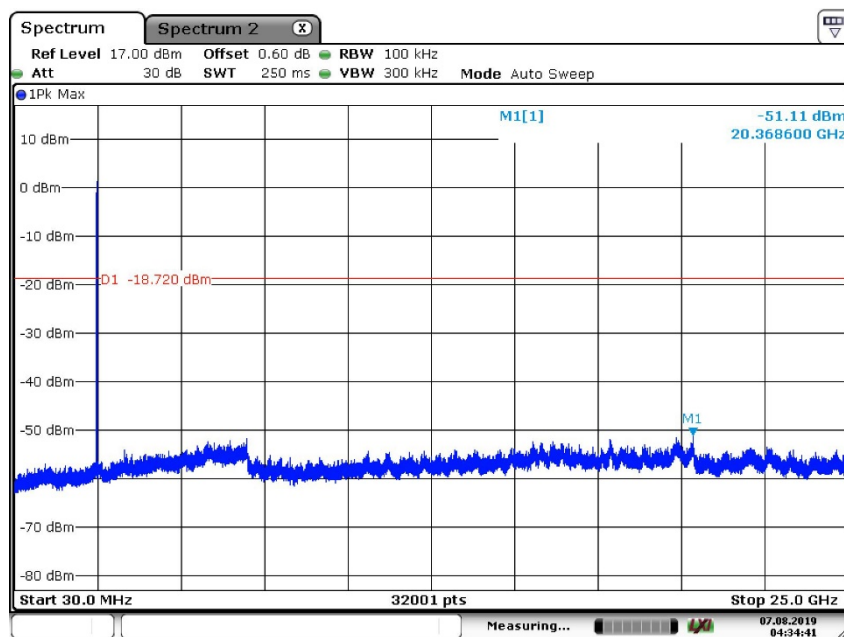
EDR Mode, Middle Channel



EDR Mode, High Channel

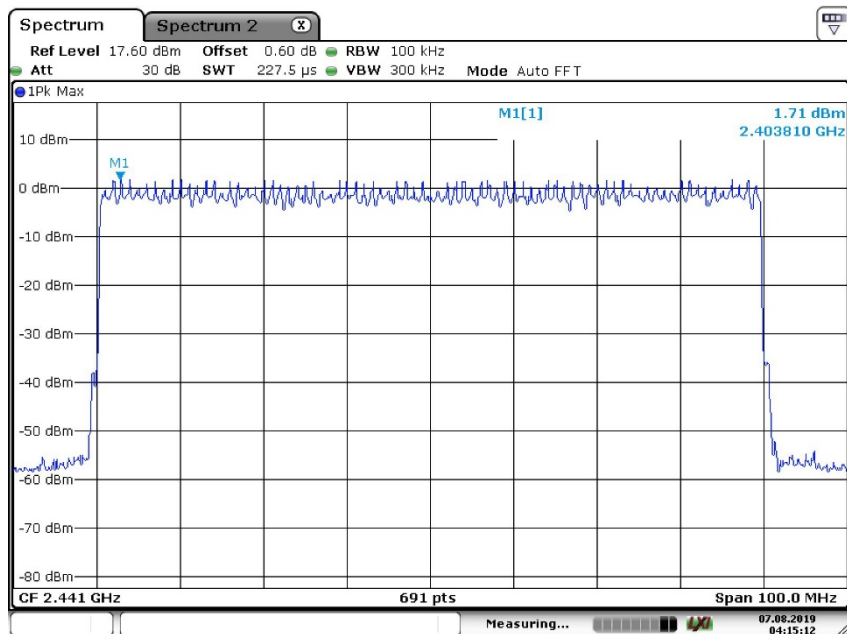


Date: 7.AUG.2019 04:28:03

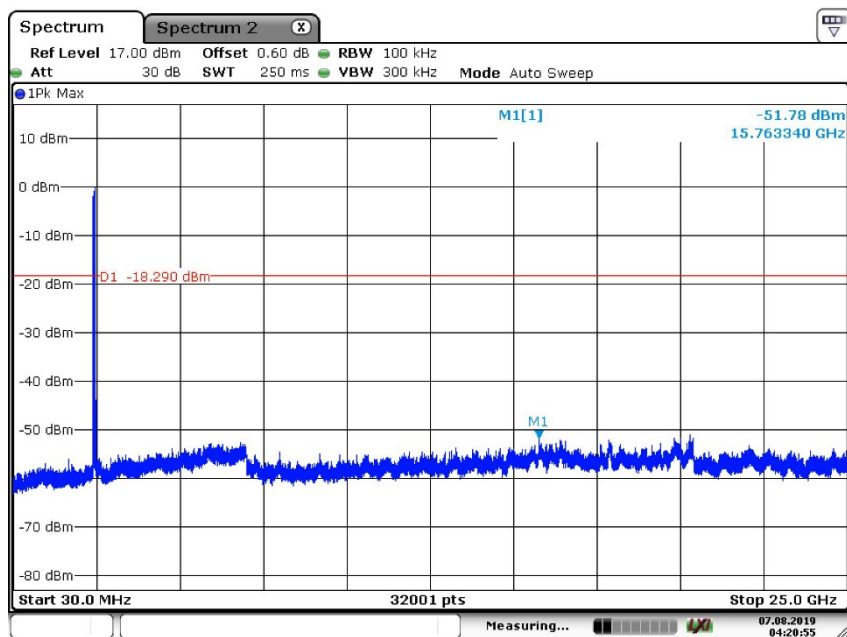


Date: 7.AUG.2019 04:34:41

EDR, Hopping

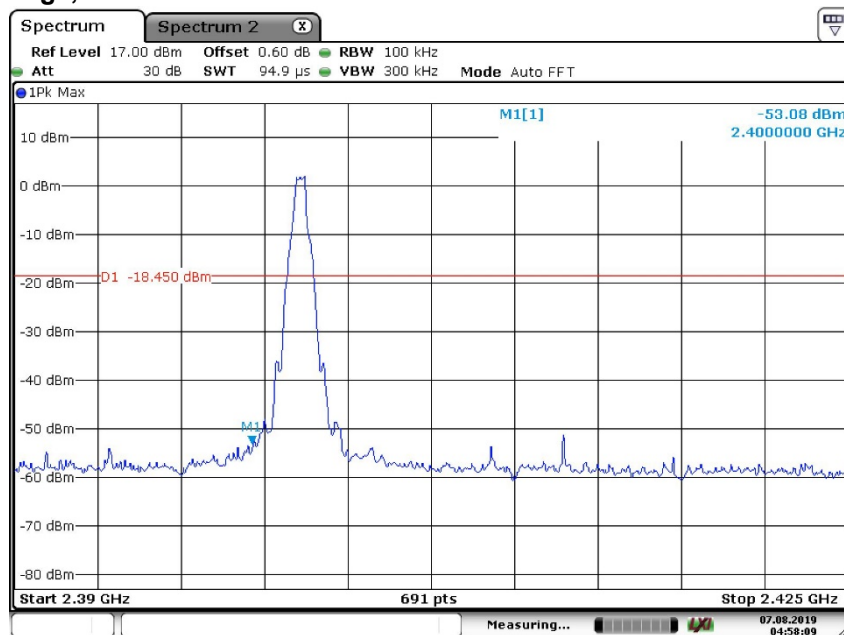


Date: 7.AUG.2019 04:15:12



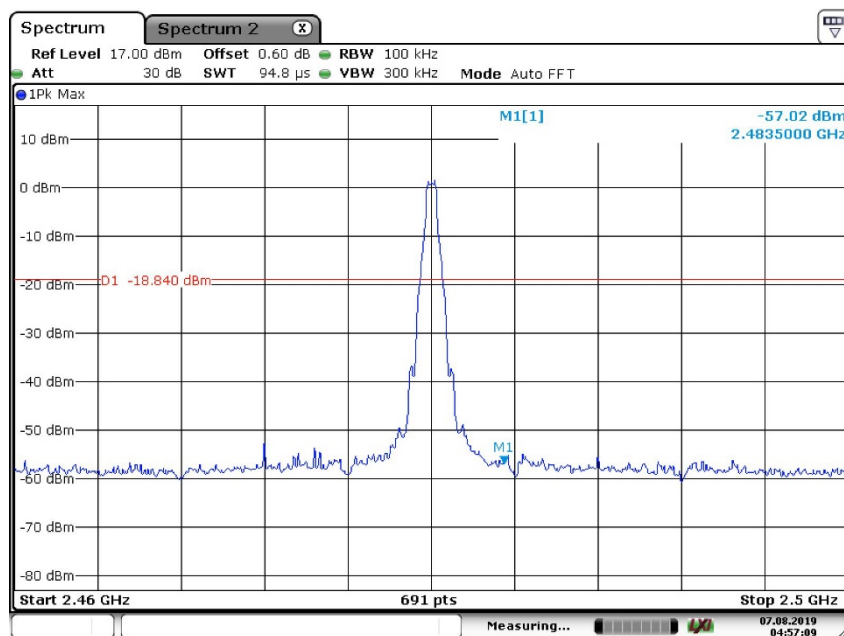
Date: 7.AUG.2019 04:20:55

BDR Mode, Band Edge, Low Channel



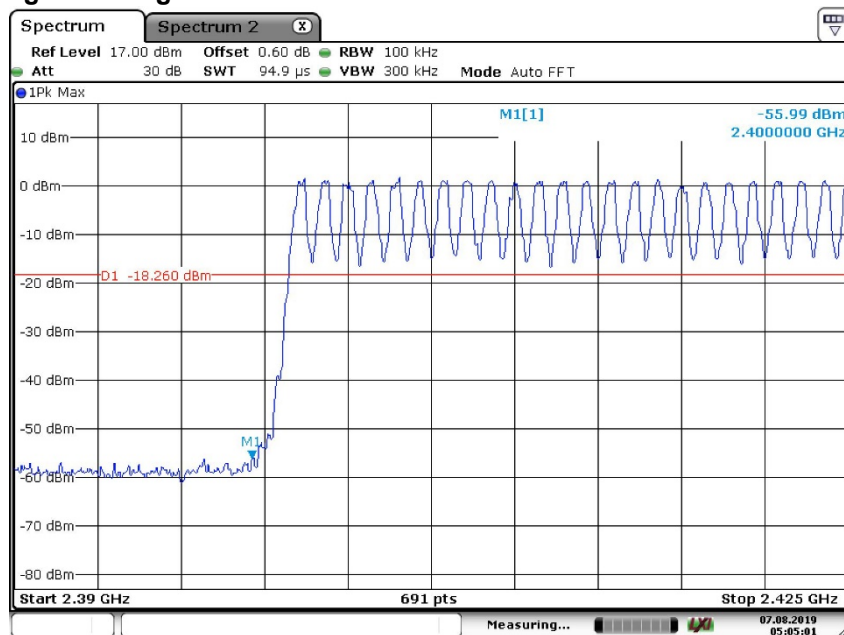
Date: 7.AUG.2019 04:58:09

BDR Mode, Band Edge, High Channel

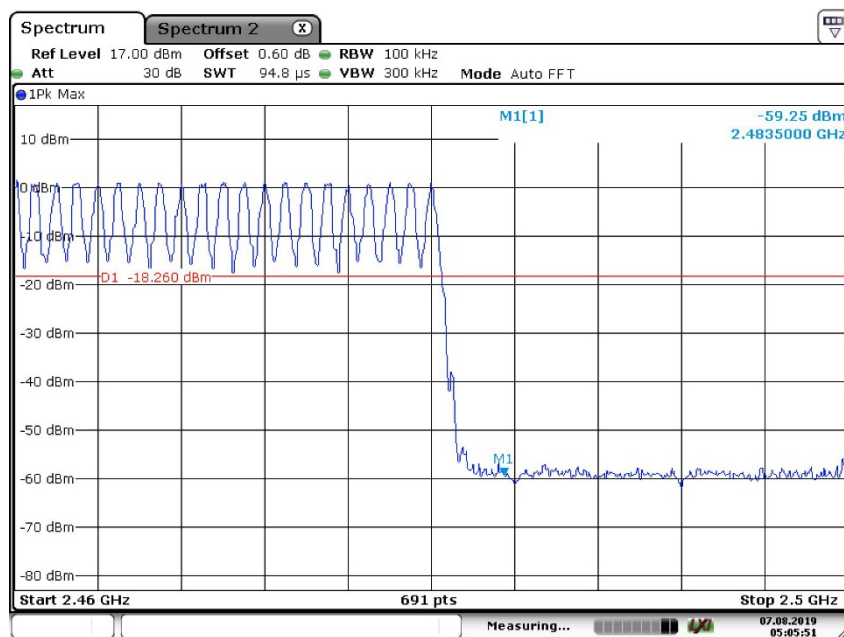


Date: 7.AUG.2019 04:57:09

BDR Mode, Hopping Band Edge

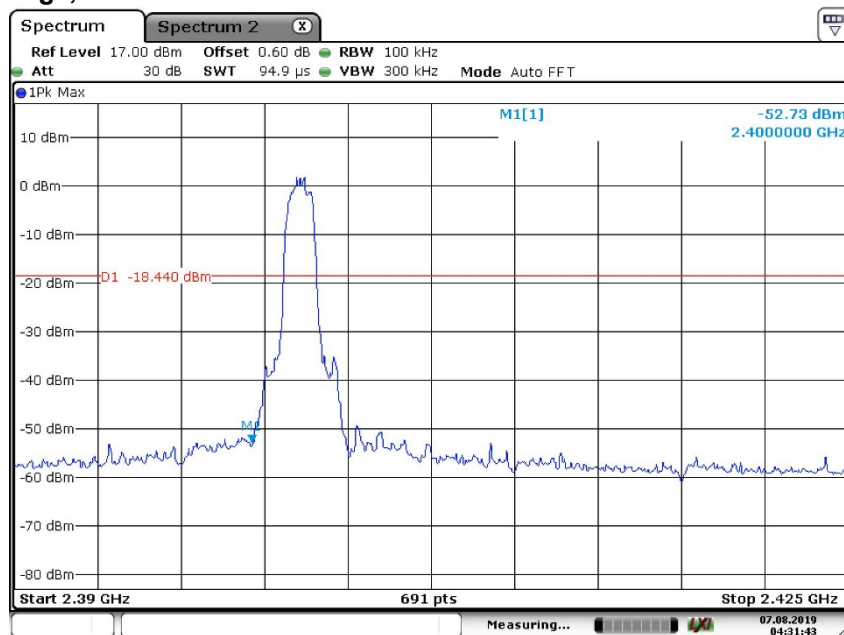


Date: 7.AUG.2019 05:05:02



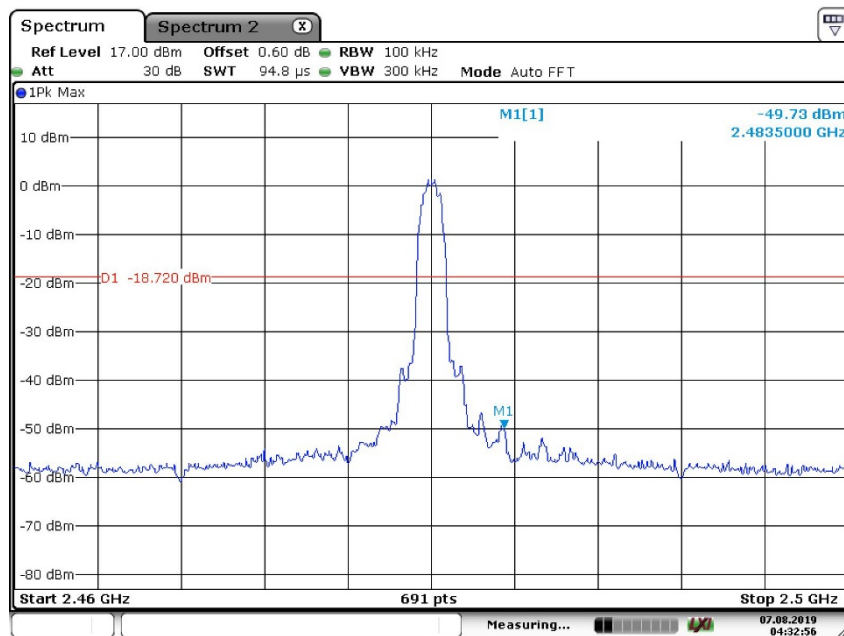
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EDR Mode, Band Edge, Low Channel



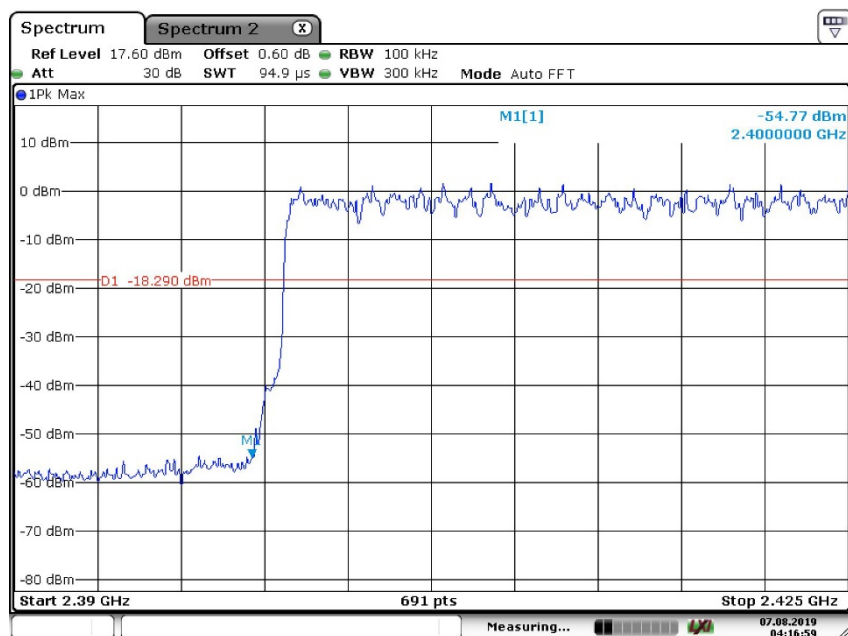
Date: 7.AUG.2019 04:31:43

EDR Mode, Band Edge, High Channel

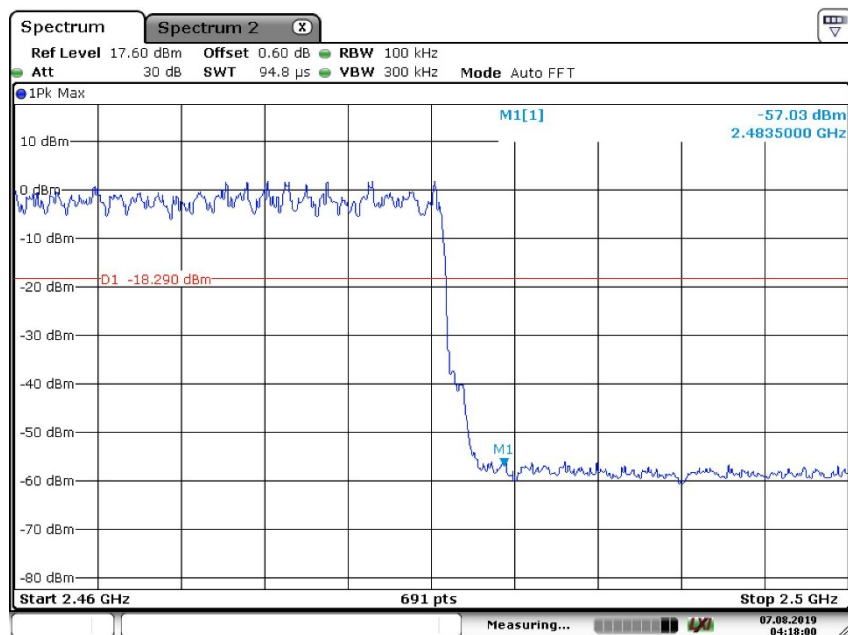


Date: 7.AUG.2019 04:32:56

EDR Mode, Hopping Band Edge



Date: 7.AUG.2019 04:16:59

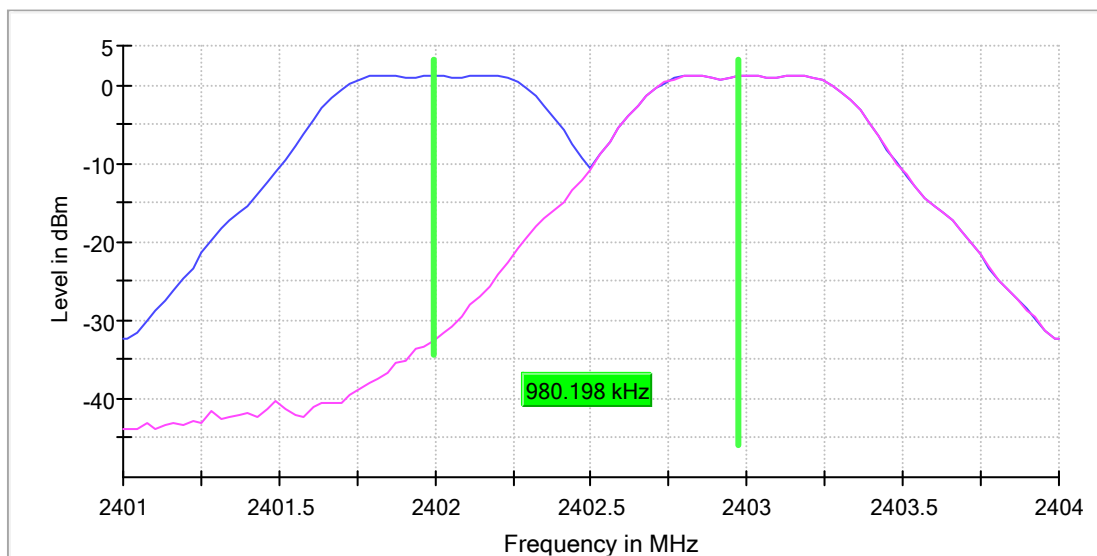


Date: 7.AUG.2019 04:18:00

Appendix B.4: Test Plots of Carrier Frequency Separation

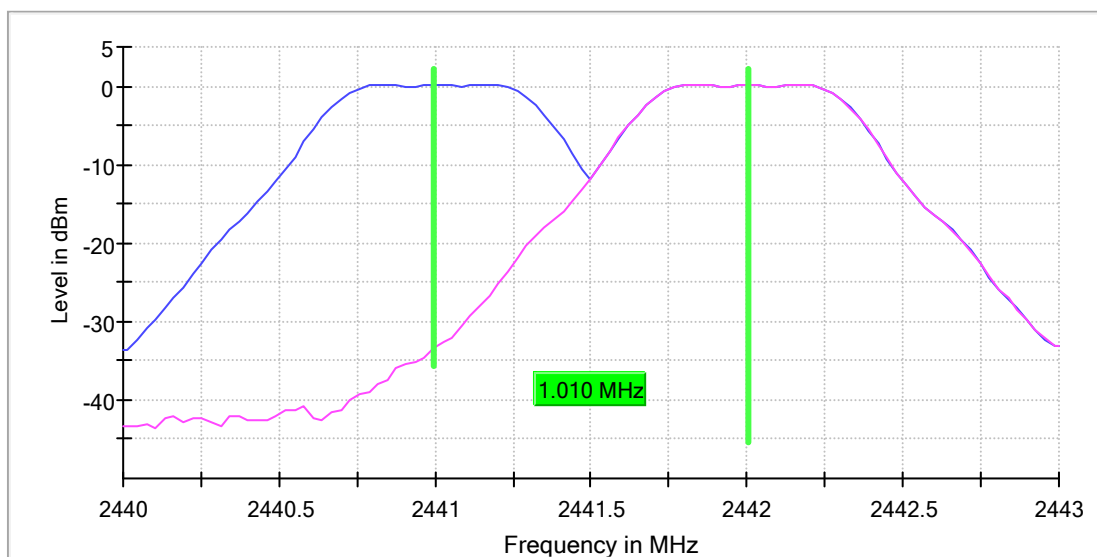
BDR, Low Channel

RBW=300KHz, VBW=300KHz



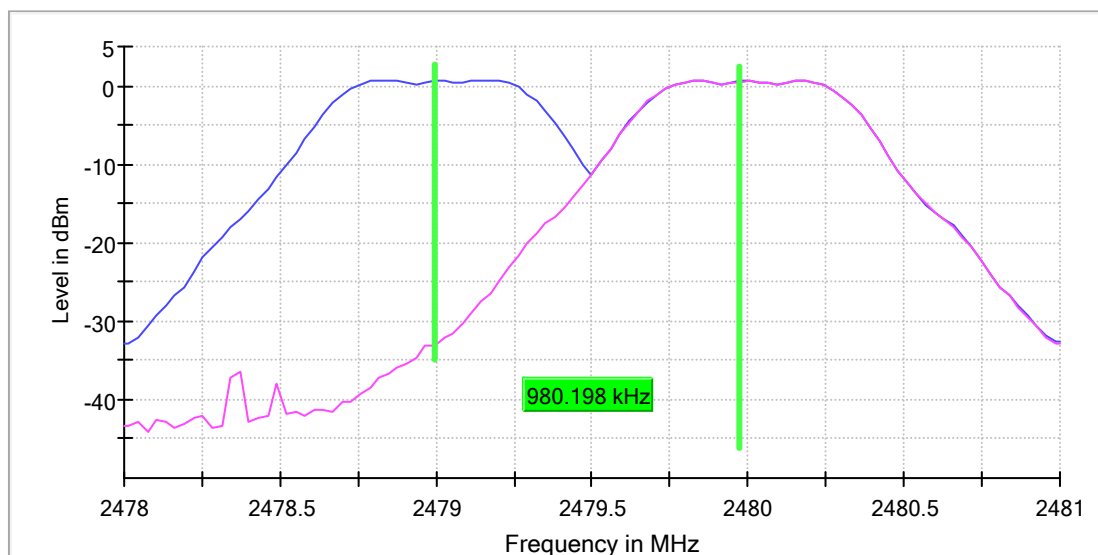
BDR, Middle Channel

RBW=300KHz, VBW=300KHz



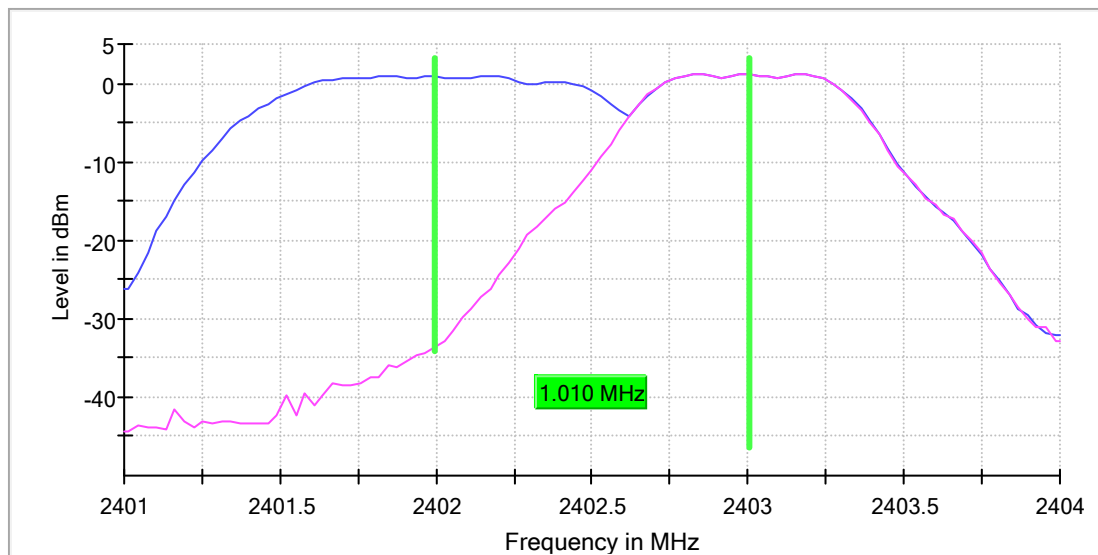
BDR, High Channel

RBW=300KHz, VBW=300KHz

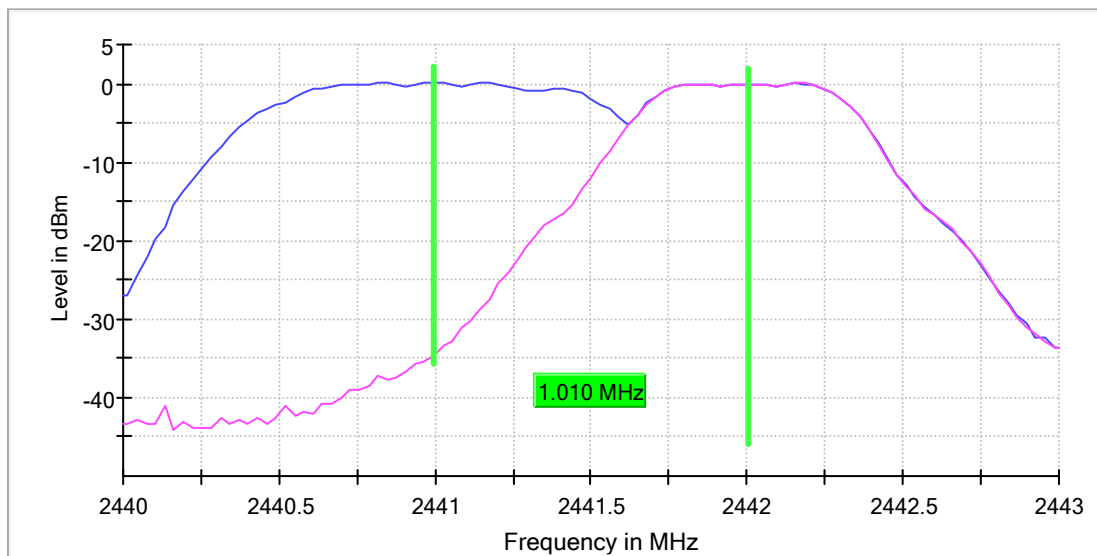


EDR, Low Channel

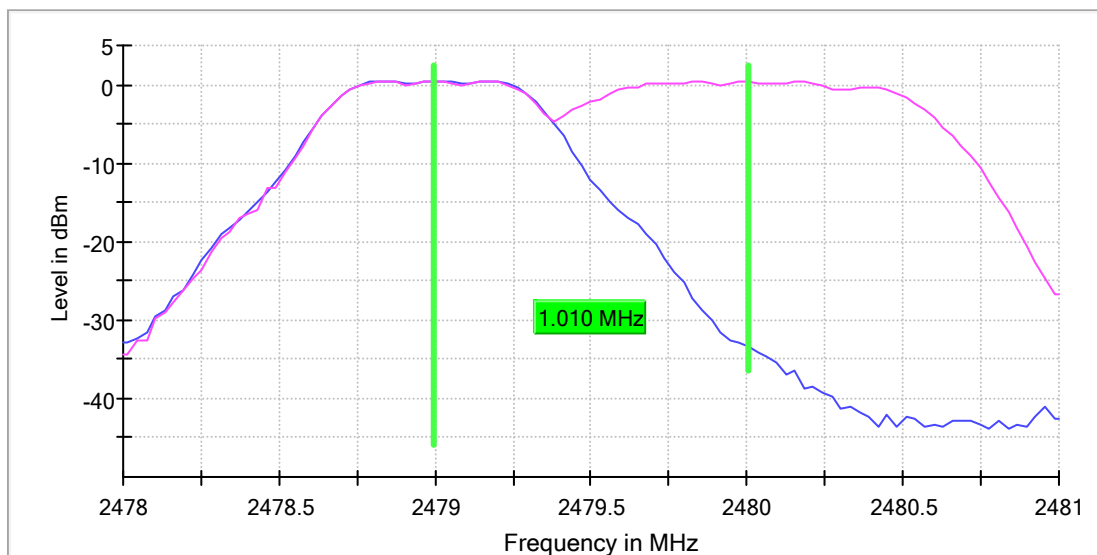
RBW=300KHz, VBW=300KHz



EDR, Middle Channel
RBW=300KHz, VBW=300KHz



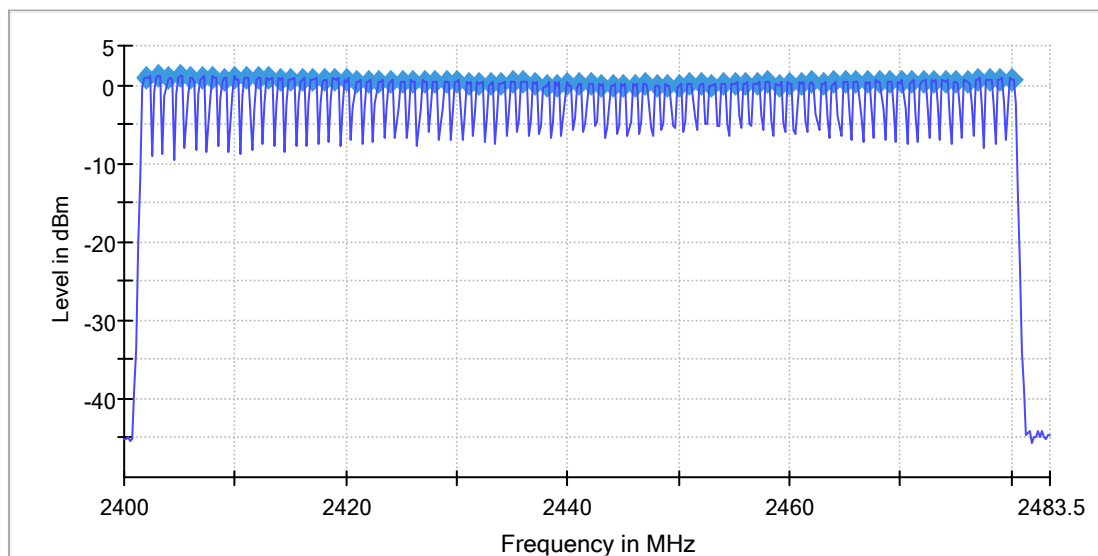
EDR, High Channel
RBW=300KHz, VBW=300KHz



Appendix B.5: Test Plots of Number of Hopping Frequency

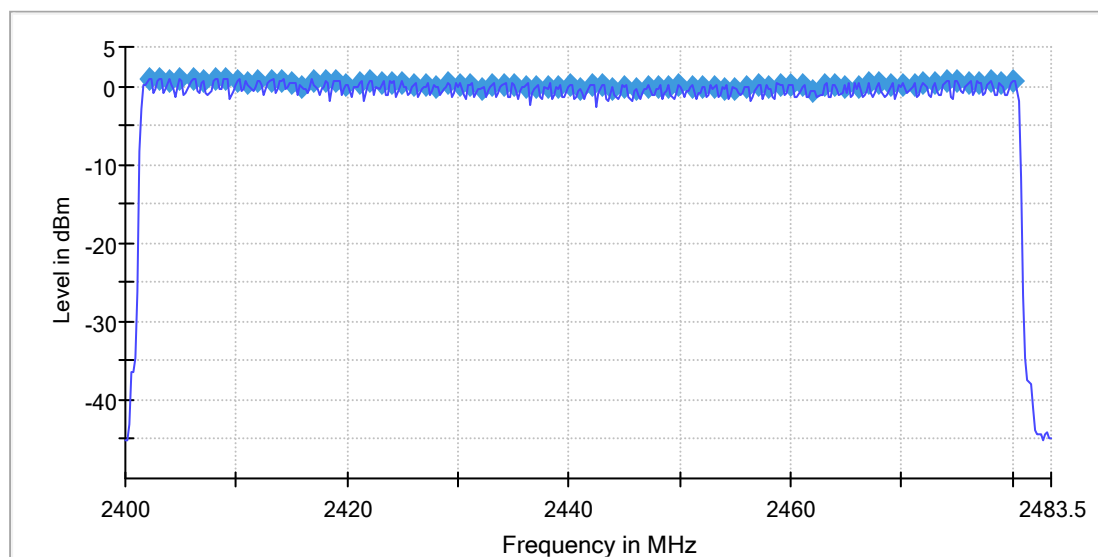
BDR, Hopping

RBW=200KHzM, VBW=200KHz



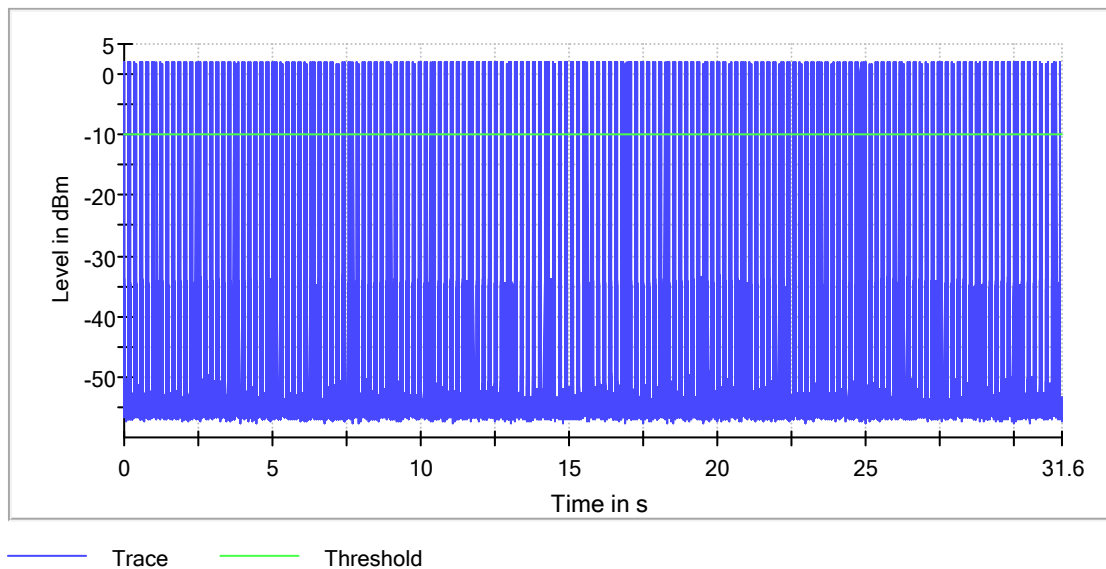
EDR, Hopping

RBW=200KHzM, VBW=200KHz

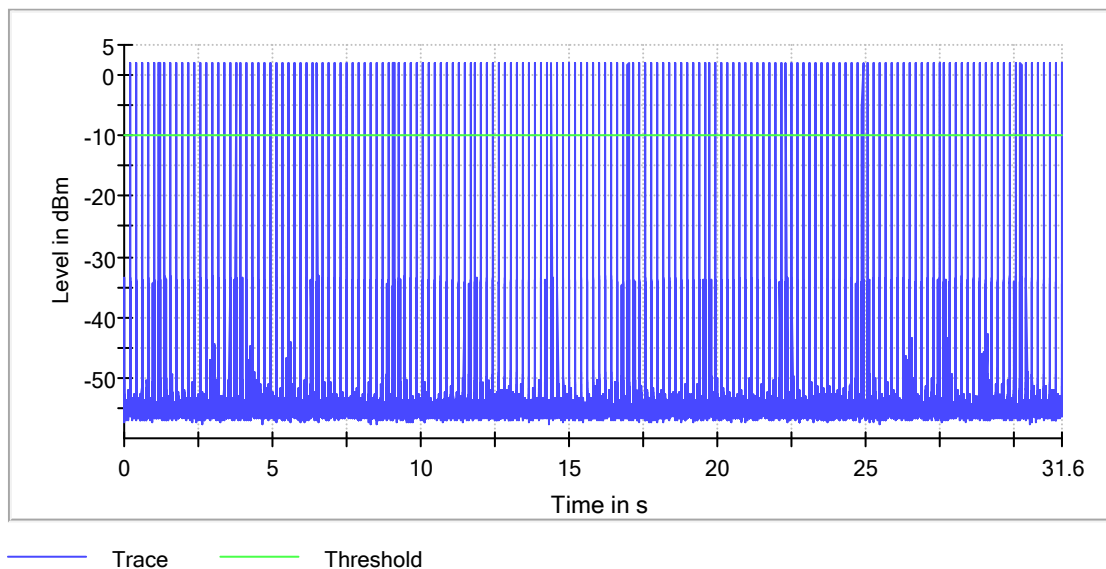


Appendix B.6: Test Plots of Time of Occupancy

BDR Mode, DH1, Middle Channel
RBW=500KHzM, VBW=1MHz

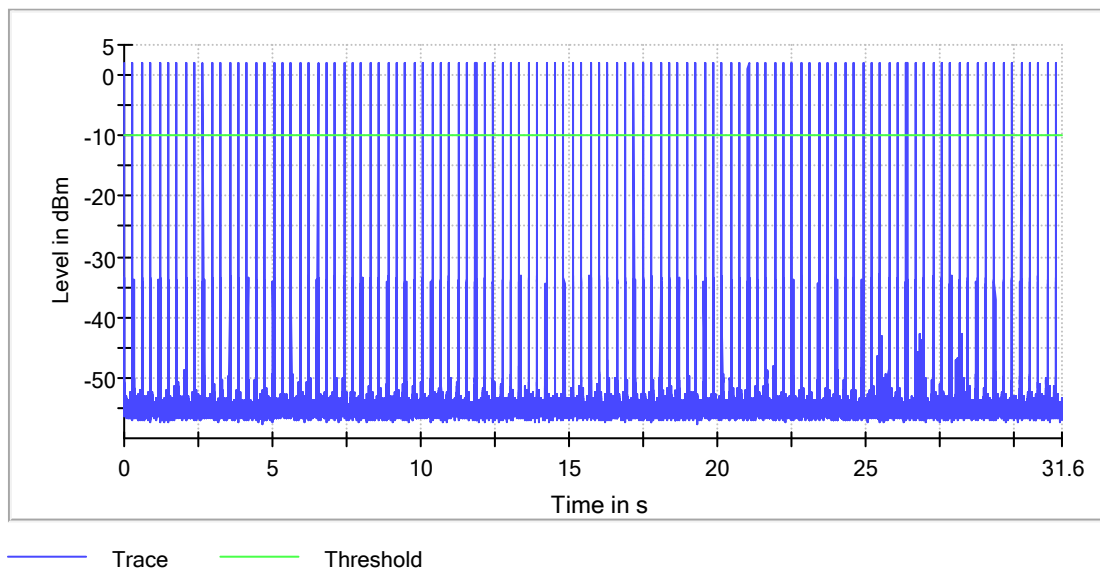


BDR Mode, DH3, Middle Channel
RBW=500KHzM, VBW=1MHz



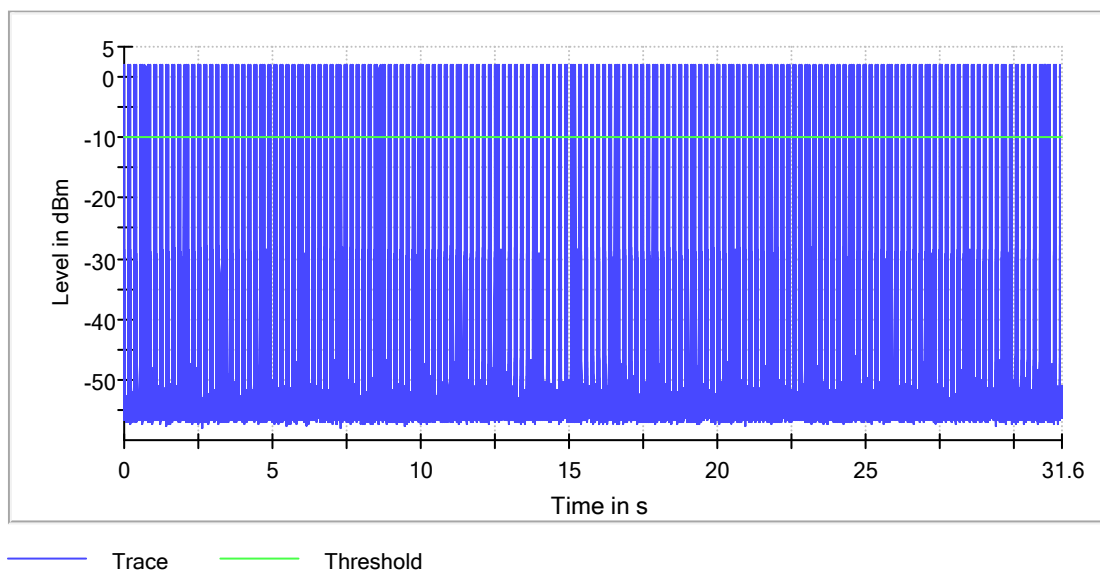
BDR Mode, DH5, Middle Channel

RBW=500KHzM, VBW=1MHz

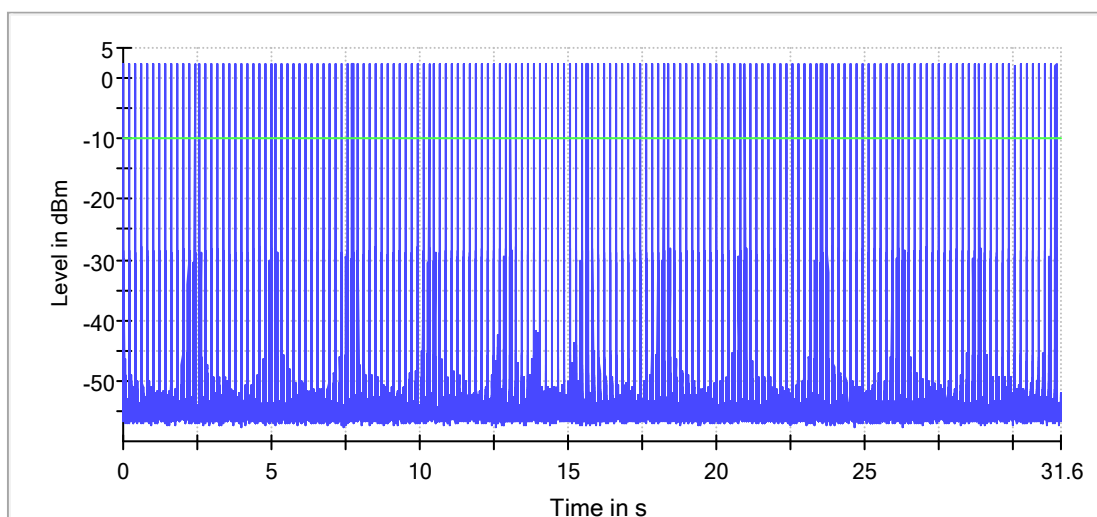


EDR Mode, 3DH1, Middle Channel

RBW=500KHzM, VBW=1MHz

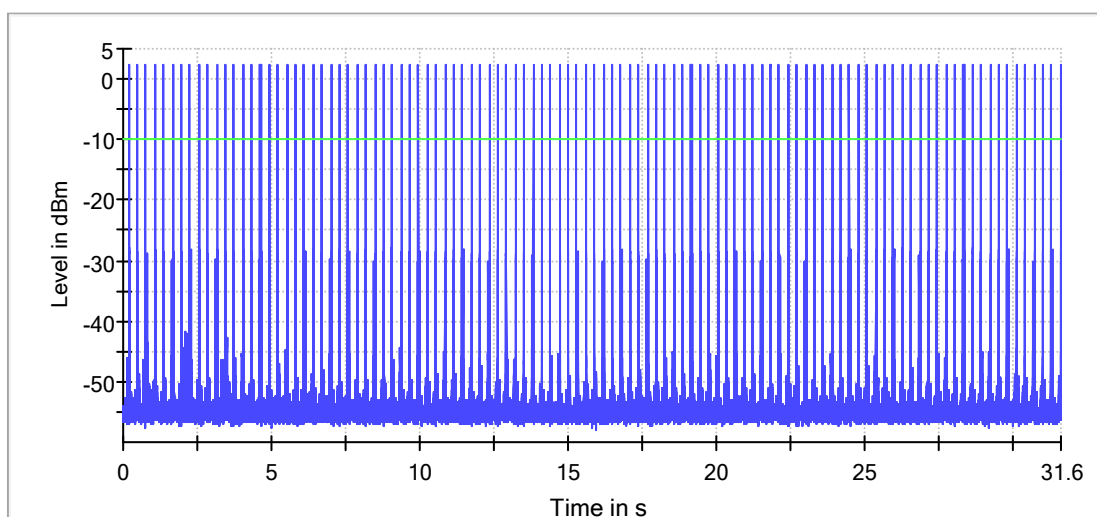


EDR Mode, 3DH3, Middle Channel
RBW=500KHzM, VBW=1MHz



Trace Threshold

EDR Mode, 3DH5, Middle Channel
RBW=500KHzM, VBW=1MHz



Trace Threshold

Appendix C

Test Results of Radiated Emission & AC Mains Conducted Emission

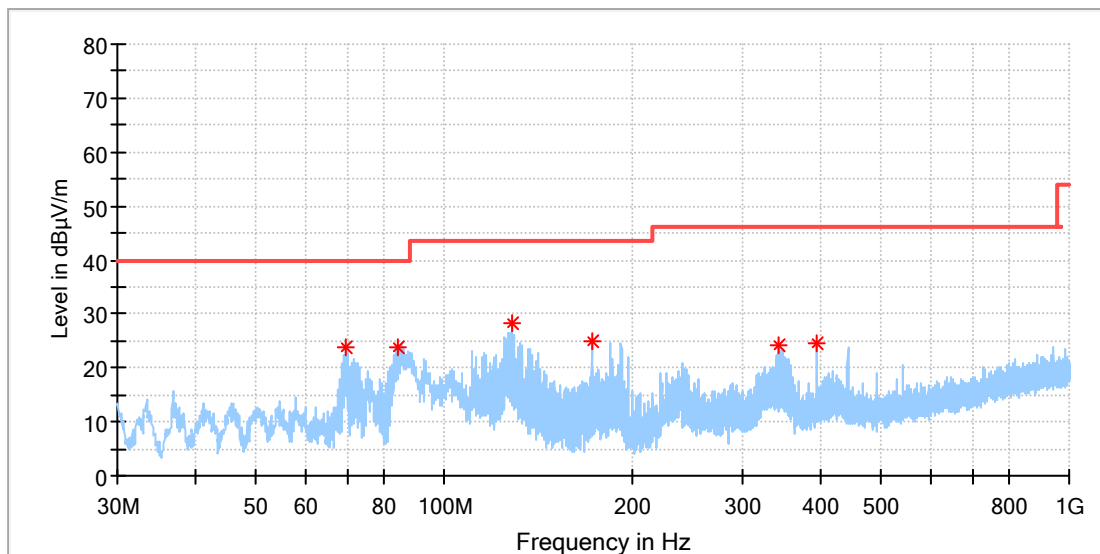
APPENDIX C	1
APPENDIX C.1: TEST PLOTS OF RADIATED SPURIOUS EMISSION	2
<i>BDR mode, 30MHz - 1GHz</i>	2
<i>BDR mode, 1GHz - 18GHz</i>	4
<i>EDR mode, 1GHz - 18GHz</i>	8
APPENDIX C.2: TEST PLOTS OF BAND EDGE (RADIATED)	13
<i>BDR mode, Low Channel</i>	13
<i>BDR mode, High Channel</i>	14
<i>EDR mode, Low Channel</i>	15
<i>EDR mode, High Channel</i>	16
APPENDIX C.3: TEST PLOTS OF AC MAINS CONDUCTED EMISSION	17

Note: The radiated spurious emission were measured from 9KHz to 26.5GHz, the measurements from 9KHz-30MHz with active loop antenna were greater than 20dB below the limit, so the radiated Spurious Emissions (9kHz – 30MHz) tests were recorded but not showed in the appendix B.

Appendix C.1: Test Plots of Radiated Spurious Emission

BDR mode, 30MHz - 1GHz

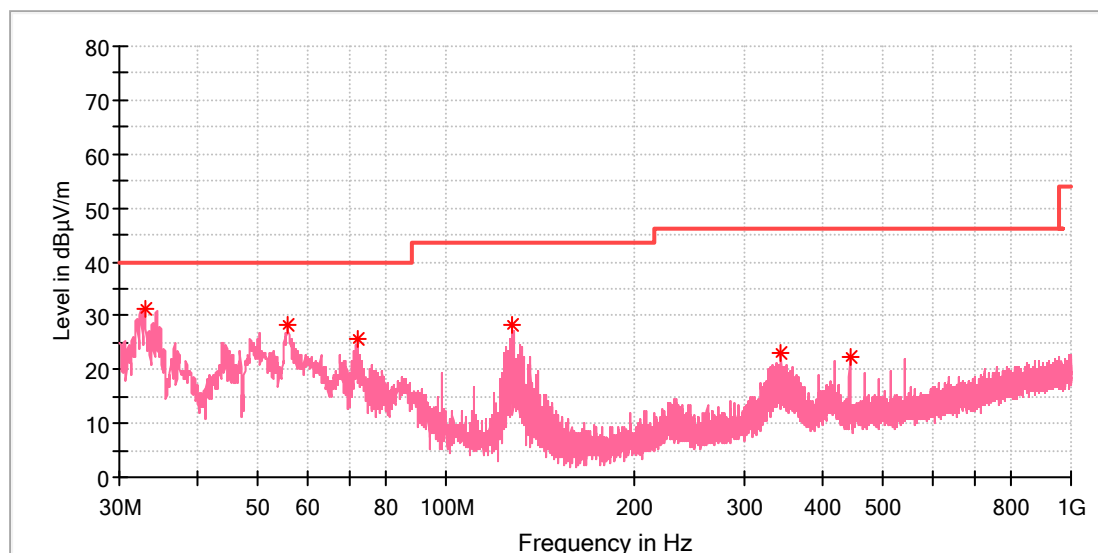
EUT Name: Powered Bookshelf Speakers
Model: S2000MKIII
Test Mode: BT CH0



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
69.673000	23.63	---	40.00	16.37	100.0	H	189.0	-22.0
84.465500	24.00	---	40.00	16.00	100.0	H	189.0	-22.8
128.261000	28.45	---	43.50	15.05	100.0	H	287.0	-22.0
172.008000	24.76	---	43.50	18.74	100.0	H	287.0	-21.5
342.534000	24.29	---	46.00	21.71	100.0	H	274.0	-15.4
393.216500	24.57	---	46.00	21.43	100.0	H	287.0	-14.3

EUT Name: Powered Bookshelf Speakers
Model: S2000MKIII
Test Mode: BT CH0



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
32.910000	31.43	---	40.00	8.57	100.0	V	78.0	-22.8
55.850500	28.10	---	40.00	11.90	100.0	V	168.0	-18.8
72.195000	25.54	---	40.00	14.46	100.0	V	208.0	-22.8
127.485000	28.27	---	43.50	15.23	100.0	V	181.0	-21.9
344.037500	22.93	---	46.00	23.07	100.0	V	85.0	-15.3
442.395500	22.18	---	46.00	23.82	100.0	V	0.0	-13.4

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BDR mode, 1GHz - 18GHz

EUT Name:

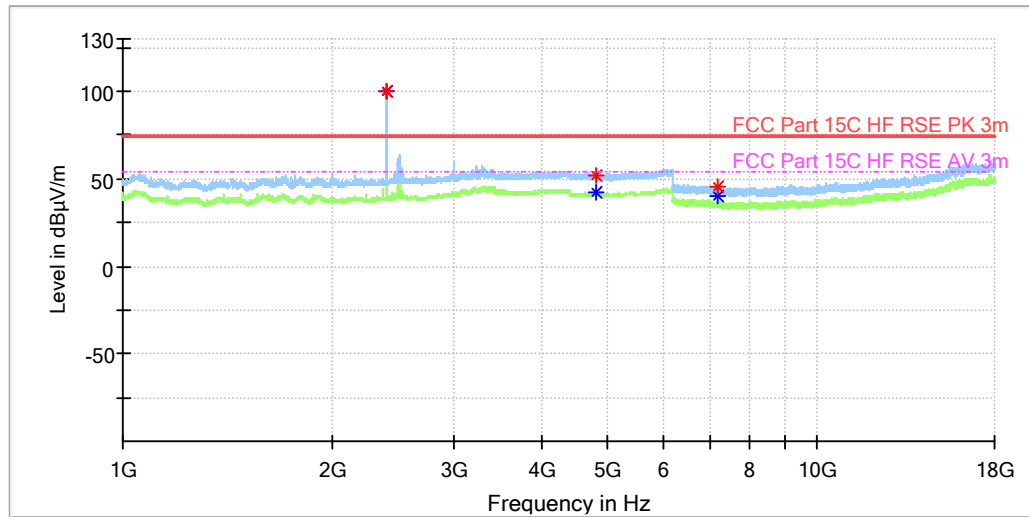
Powered Bookshelf Speakers

Model:

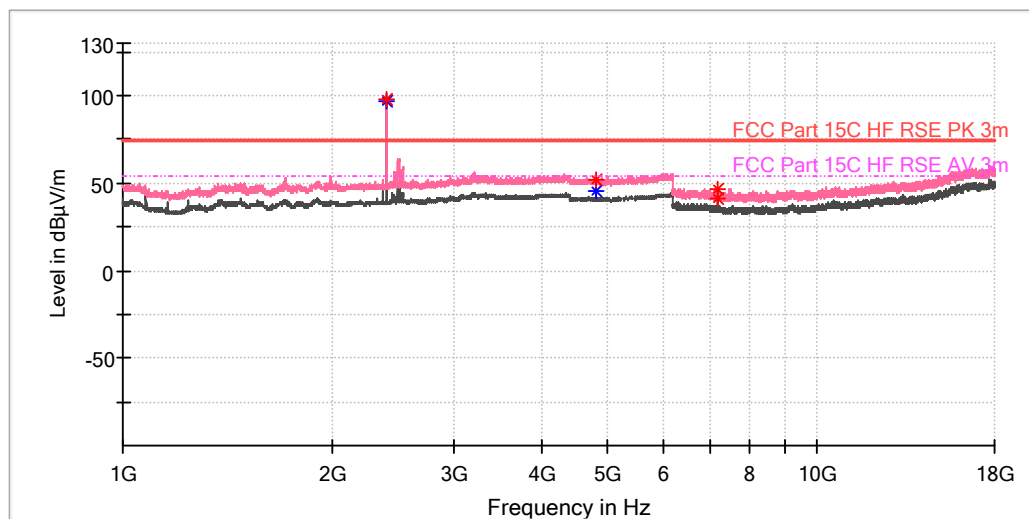
S2000MKIII

Test Mode:

TX BT_GFSK_CH0

**Critical_Freqs**

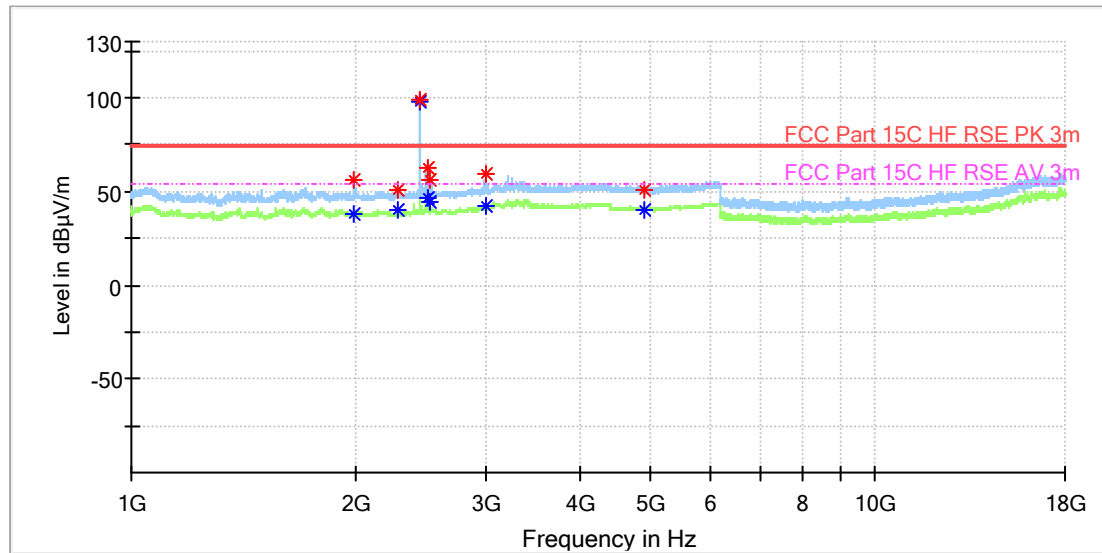
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2402.000000	---	100.07	54.00	-46.07	100.0	H	127.0	7.0
2402.000000	100.54	---	74.00	-26.54	100.0	H	127.0	7.0
4804.000000	---	41.90	54.00	12.10	200.0	H	260.0	13.6
4804.500000	51.46	---	74.00	22.54	200.0	H	31.0	13.6
7205.458333	45.81	---	74.00	28.19	100.0	H	114.0	8.8
7205.458333	---	40.32	54.00	13.68	200.0	H	141.0	8.8

**Critical_Freqs**

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2402.000000	---	97.12	54.00	-43.12	100.0	V	151.0	7.0
2402.000000	97.46	---	74.00	-23.46	100.0	V	151.0	7.0
4804.000000	---	45.30	54.00	8.70	100.0	V	75.0	13.6
4805.000000	51.92	---	74.00	22.08	100.0	V	103.0	13.6
7205.458333	46.28	---	74.00	27.72	100.0	V	80.0	8.8
7207.916667	41.65	---	74.00	32.35	100.0	V	330.0	8.8

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EUT Name: Powered Bookshelf Speakers
Model: S2000MKIII
Test Mode: TX BT_GFSK_CH39

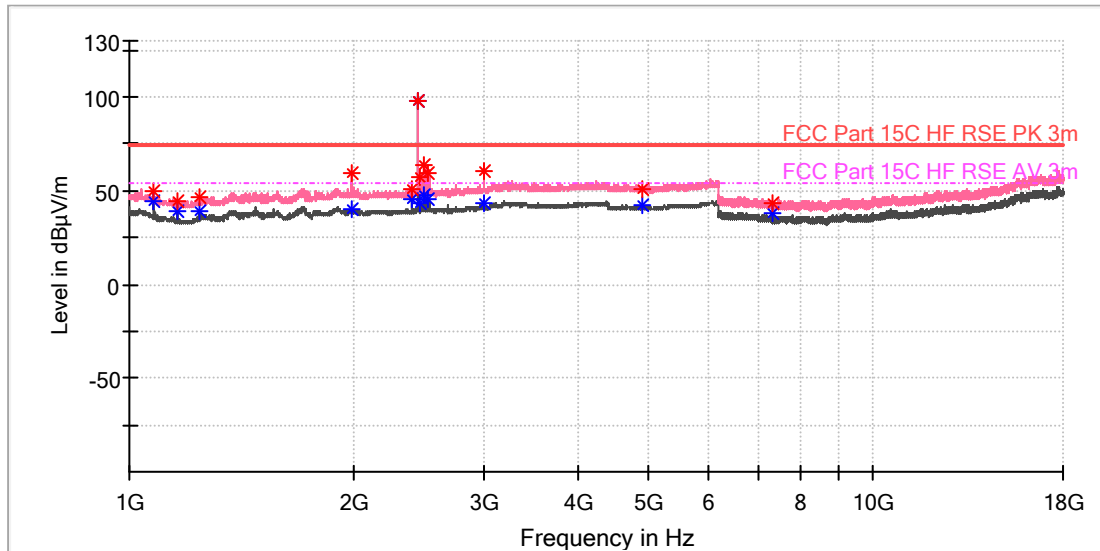


Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1991.000000	---	38.23	54.00	15.77	100.0	H	205.0	6.0
1991.000000	55.96	---	74.00	18.04	100.0	H	205.0	6.0
2280.000000	51.11	---	74.00	22.89	100.0	H	260.0	6.4
2281.000000	---	40.60	54.00	13.41	100.0	H	10.0	6.4
2441.000000	---	98.44	54.00	-44.44	100.0	H	225.0	7.4
2441.000000	98.92	---	74.00	-24.92	100.0	H	225.0	7.4
2499.000000	---	46.42	54.00	7.58	100.0	H	189.0	7.4
2499.500000	62.39	---	74.00	11.61	100.0	H	189.0	7.4
2522.000000	56.67	---	74.00	17.33	100.0	H	70.0	7.5
2522.500000	---	43.91	54.00	10.09	100.0	H	70.0	7.5
2990.000000	---	41.97	54.00	12.03	100.0	H	21.0	8.5
2992.500000	59.56	---	74.00	14.44	100.0	H	70.0	8.5
4886.000000	---	40.51	54.00	13.49	100.0	H	324.0	13.3
4886.000000	51.14	---	74.00	22.86	100.0	H	324.0	13.3

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EUT Name: Powered Bookshelf Speakers
Model: S2000MKIII
Test Mode: TX BT_GFSK_CH39

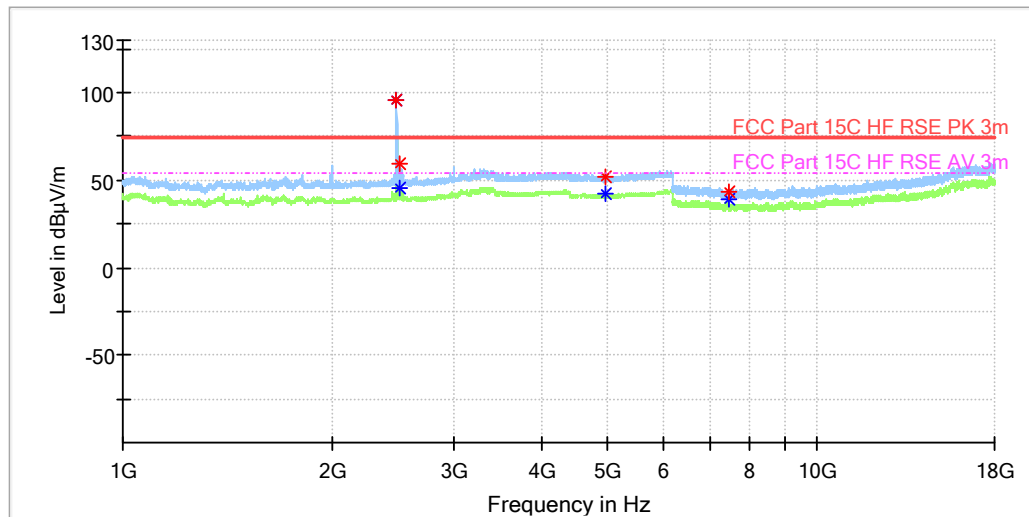


Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1080.000000	---	44.21	54.00	9.79	100.0	V	290.0	-0.2
1080.000000	49.31	---	74.00	24.69	100.0	V	290.0	-0.2
1159.500000	---	38.84	54.00	15.16	100.0	V	247.0	0.8
1160.500000	44.87	---	74.00	29.13	100.0	V	233.0	0.9
1239.500000	46.07	---	74.00	27.93	100.0	V	332.0	1.7
1240.000000	---	39.05	54.00	14.95	100.0	V	339.0	1.7
1992.500000	---	39.93	54.00	14.07	100.0	V	79.0	6.0
1992.500000	59.08	---	74.00	14.92	100.0	V	79.0	6.0
2400.500000	50.74	---	74.00	23.26	100.0	V	276.0	7.0
2401.000000	---	45.27	54.00	8.73	100.0	V	276.0	7.0
2441.000000	---	97.69	54.00	-43.69	100.0	V	240.0	7.4
2441.000000	98.23	---	74.00	-24.23	100.0	V	240.0	7.4
2463.000000	---	43.10	54.00	10.90	100.0	V	205.0	7.4
2463.000000	56.98	---	74.00	17.02	100.0	V	205.0	7.4
2494.000000	---	47.12	54.00	6.88	100.0	V	15.0	7.4
2494.000000	64.18	---	74.00	9.82	100.0	V	15.0	7.4
2522.000000	---	45.04	54.00	8.96	100.0	V	135.0	7.5
2522.000000	58.97	---	74.00	15.03	100.0	V	135.0	7.5
2990.500000	---	42.94	54.00	11.06	100.0	V	135.0	8.5
2990.500000	60.39	---	74.00	13.61	100.0	V	135.0	8.5
4882.000000	---	42.78	54.00	11.22	100.0	V	91.0	13.4
4882.500000	51.25	---	74.00	22.75	100.0	V	91.0	13.4
7322.966667	43.26	---	74.00	30.74	100.0	V	96.0	8.2
7322.966667	---	37.70	54.00	16.30	100.0	V	96.0	8.2

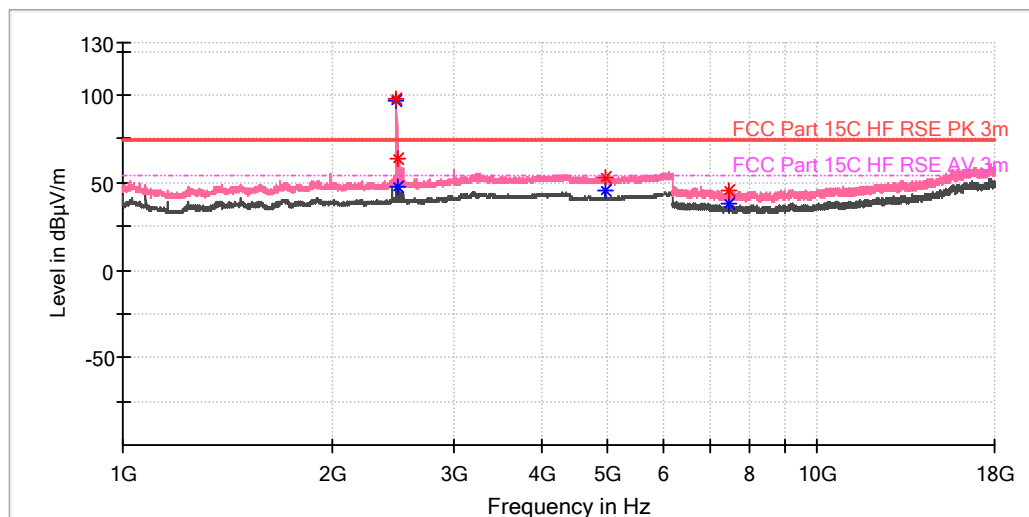
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EUT Name: Powered Bookshelf Speakers
Model: S2000MKIII
Test Mode: TX BT_GFSK_CH78



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2480.000000	---	95.61	54.00	-41.61	100.0	H	109.0	7.4
2480.000000	95.87	---	74.00	-21.87	100.0	H	109.0	7.4
2498.500000	---	45.16	54.00	8.84	100.0	H	88.0	7.4
2499.500000	59.93	---	74.00	14.07	100.0	H	88.0	7.4
4958.000000	52.35	---	74.00	21.65	100.0	H	2.0	13.2
4960.000000	---	41.89	54.00	12.11	100.0	H	170.0	13.2
7439.983333	42.97	---	74.00	31.03	100.0	H	102.0	8.4
7439.983333	---	39.31	54.00	14.69	100.0	H	102.0	8.4



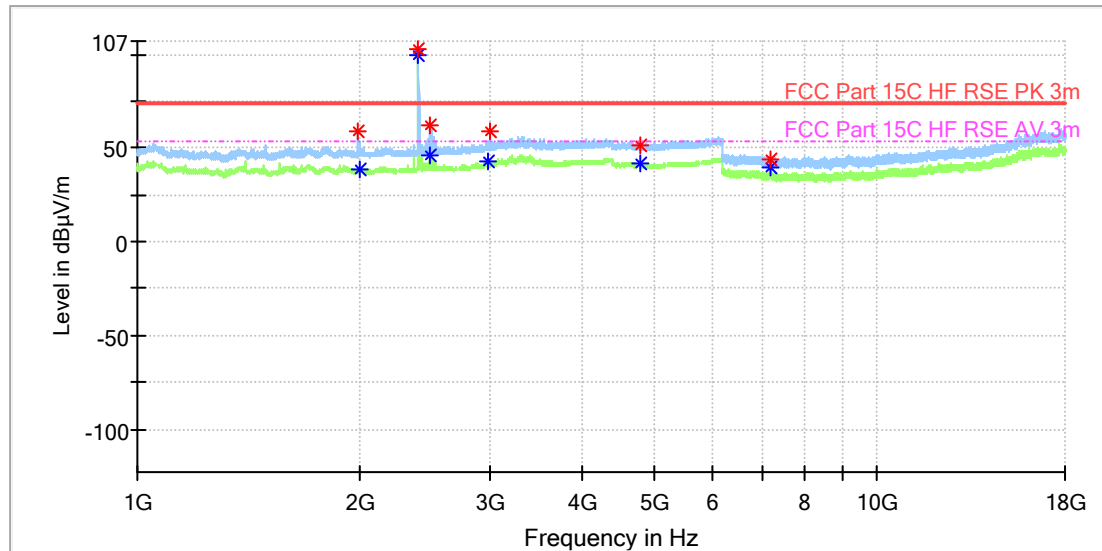
Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2480.000000	97.54	---	74.00	-23.54	100.0	V	253.0	7.4
2480.000000	---	97.14	54.00	-43.14	100.0	V	253.0	7.4
2492.000000	---	47.67	54.00	6.33	100.0	V	15.0	7.4
2492.000000	63.67	---	74.00	10.33	100.0	V	15.0	7.4
4959.500000	53.10	---	74.00	20.90	100.0	V	110.0	13.2
4960.000000	---	45.19	54.00	8.81	100.0	V	110.0	13.2
7439.983333	---	38.34	54.00	15.66	100.0	V	86.0	8.4
7440.475000	45.27	---	74.00	28.73	100.0	V	99.0	8.4

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EDR mode, 1GHz - 18GHz

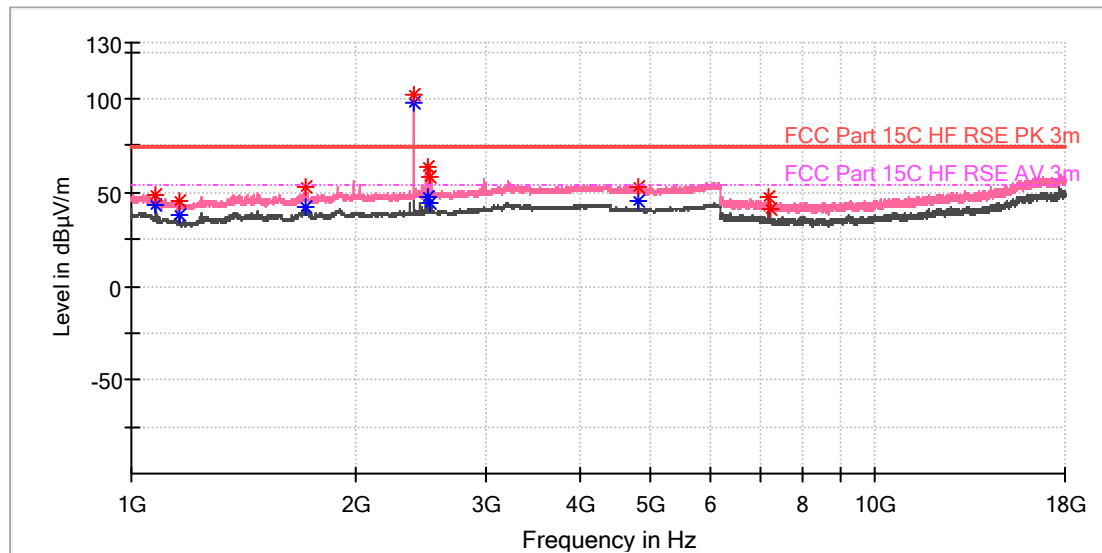
EUT Name: Powered Bookshelf Speakers
Model: S2000MKIII
Test Mode: TX BT_8DPSK_CH0

**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1991.000000	58.51	---	74.00	15.49	100.0	H	187.0	6.0
1993.500000	---	38.72	54.00	15.28	100.0	H	187.0	6.0
2402.000000	---	99.03	54.00	-45.03	100.0	H	123.0	7.0
2402.500000	102.35	---	74.00	-28.35	100.0	H	123.0	7.0
2489.500000	---	46.15	54.00	7.85	100.0	H	187.0	7.4
2489.500000	61.59	---	74.00	12.41	100.0	H	187.0	7.4
2987.500000	---	42.47	54.00	11.53	100.0	H	286.0	8.5
2991.500000	59.19	---	74.00	14.81	100.0	H	45.0	8.5
4804.000000	---	42.25	54.00	11.75	100.0	H	226.0	13.6
4804.000000	51.89	---	74.00	22.11	100.0	H	226.0	13.6
7205.458333	43.83	---	74.00	30.17	100.0	H	102.0	8.8
7205.458333	---	39.42	54.00	14.58	100.0	H	102.0	8.8

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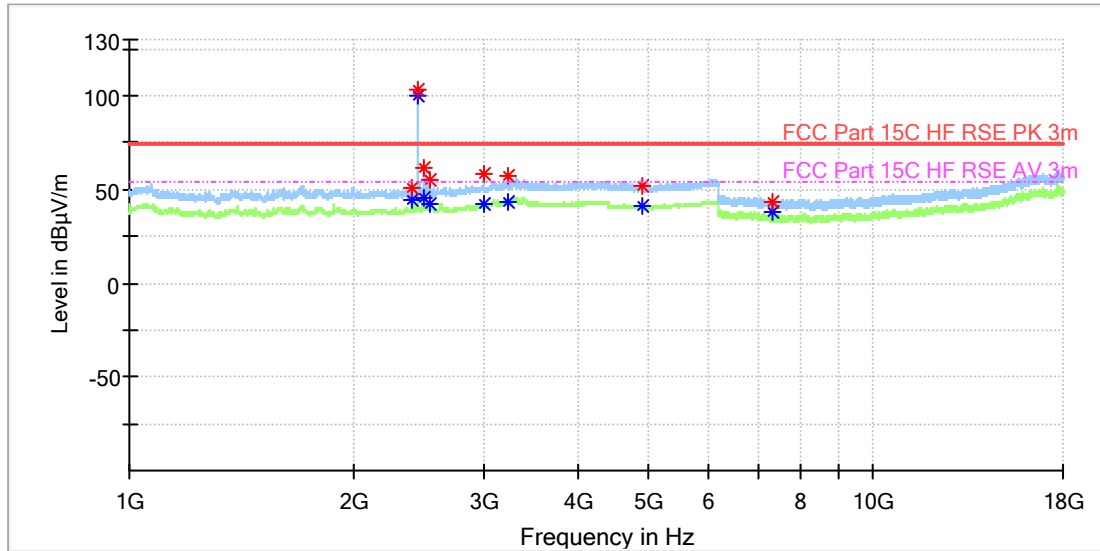
EUT Name: Powered Bookshelf Speakers
Model: S2000MKIII
Test Mode: TX BT_8DPSK_CH0



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1080.000000	---	43.78	54.00	10.22	100.0	V	296.0	-0.2
1080.000000	48.58	---	74.00	25.42	100.0	V	296.0	-0.2
1159.500000	45.69	---	74.00	28.31	100.0	V	122.0	0.8
1160.000000	---	37.76	54.00	16.24	100.0	V	122.0	0.9
1712.500000	52.78	---	74.00	21.22	100.0	V	288.0	3.4
1713.000000	---	42.00	54.00	12.00	100.0	V	288.0	3.4
2402.000000	---	98.04	54.00	-44.04	100.0	V	136.0	7.0
2402.000000	101.80	---	74.00	-27.80	100.0	V	136.0	7.0
2499.000000	---	47.37	54.00	6.63	100.0	V	115.0	7.4
2499.500000	64.02	---	74.00	9.98	100.0	V	115.0	7.4
2522.000000	---	44.81	54.00	9.19	100.0	V	218.0	7.5
2523.500000	58.50	---	74.00	15.50	100.0	V	136.0	7.5
4803.500000	52.96	---	74.00	21.04	100.0	V	79.0	13.6
4804.000000	---	45.20	54.00	8.80	100.0	V	86.0	13.6
7206.441667	47.24	---	74.00	26.76	100.0	V	74.0	8.8
7223.158333	41.56	---	74.00	32.44	100.0	V	140.0	8.7

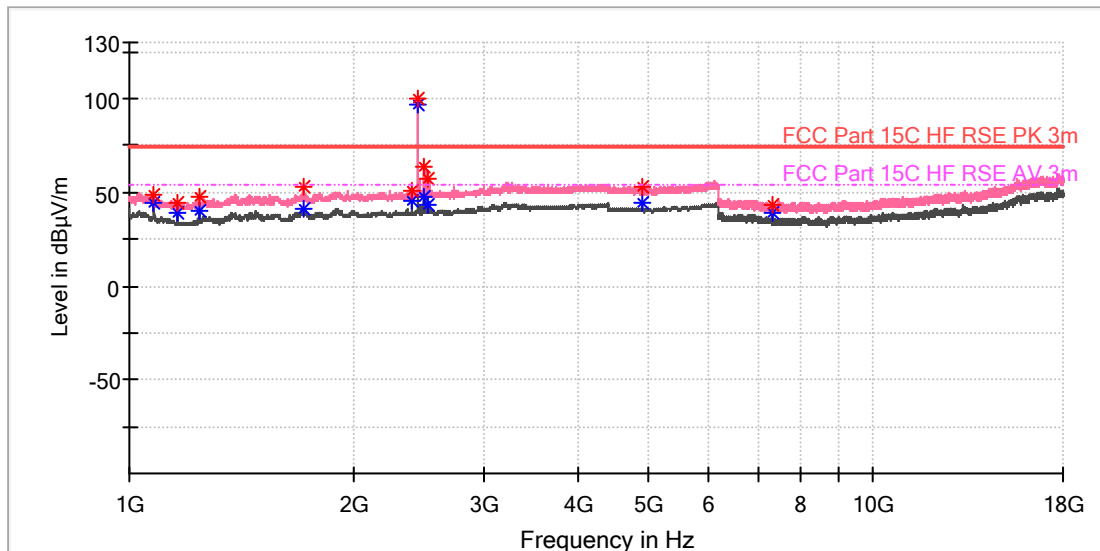
EUT Name: Powered Bookshelf Speakers
 Model: S2000MKIII
 Test Mode: TX BT_8DPSK_CH39



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2401.000000	---	44.04	54.00	9.96	100.0	H	124.0	7.0
2401.000000	50.64	---	74.00	23.36	100.0	H	124.0	7.0
2441.000000	---	100.17	54.00	-46.17	100.0	H	124.0	7.4
2441.000000	103.67	---	74.00	-29.67	100.0	H	124.0	7.4
2492.500000	---	45.83	54.00	8.17	100.0	H	47.0	7.4
2493.000000	61.25	---	74.00	12.75	100.0	H	47.0	7.4
2529.500000	---	42.08	54.00	11.92	100.0	H	188.0	7.5
2529.500000	55.33	---	74.00	18.67	100.0	H	188.0	7.5
2994.500000	---	42.04	54.00	11.96	100.0	H	10.0	8.5
2997.000000	58.61	---	74.00	15.39	100.0	H	26.0	8.5
3237.500000	56.93	---	74.00	17.07	100.0	H	26.0	8.5
3238.000000	---	43.62	54.00	10.38	100.0	H	26.0	8.5
4882.000000	---	41.00	54.00	13.00	100.0	H	113.0	13.4
4887.500000	51.86	---	74.00	22.14	100.0	H	212.0	13.3
7321.983333	---	37.90	54.00	16.10	100.0	H	48.0	8.2
7322.475000	43.67	---	74.00	30.33	100.0	H	121.0	8.2

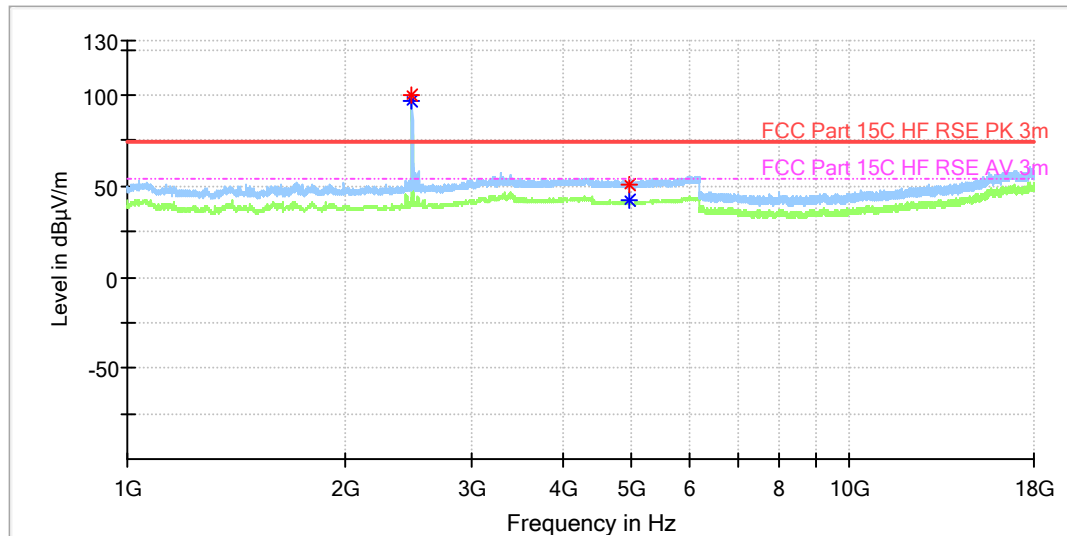
EUT Name: Powered Bookshelf Speakers
 Model: S2000MKIII
 Test Mode: TX BT_8DPSK_CH39



Critical Freqs

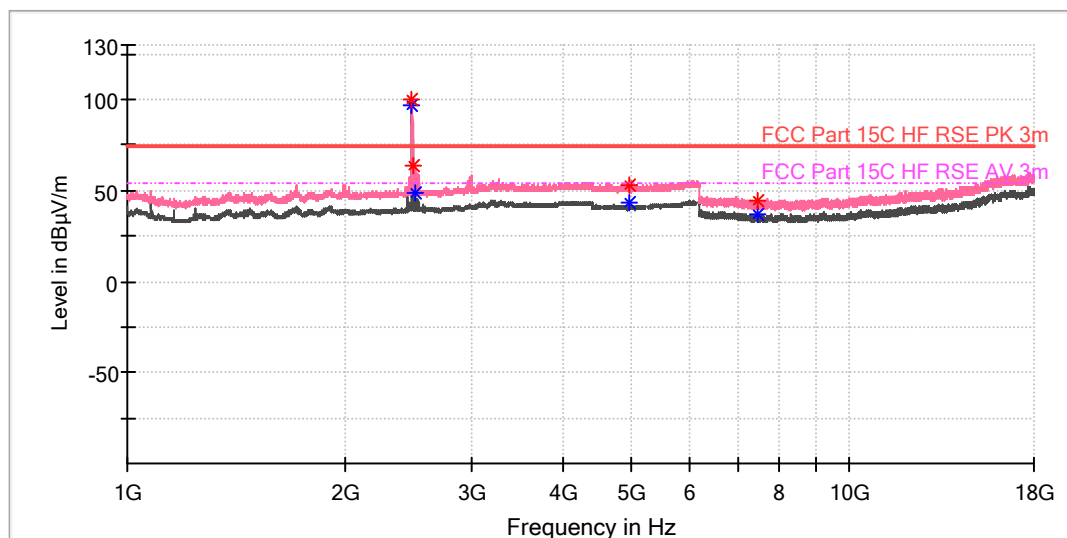
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1079.500000	---	44.03	54.00	9.97	100.0	V	127.0	-0.2
1079.500000	48.66	---	74.00	25.34	100.0	V	127.0	-0.2
1159.500000	44.45	---	74.00	29.55	100.0	V	246.0	0.8
1159.500000	---	39.00	54.00	15.00	100.0	V	246.0	0.8
1240.000000	---	40.23	54.00	13.77	100.0	V	274.0	1.7
1240.000000	47.28	---	74.00	26.72	100.0	V	274.0	1.7
1713.000000	---	40.91	54.00	13.09	100.0	V	296.0	3.4
1713.000000	52.95	---	74.00	21.05	100.0	V	296.0	3.4
2401.000000	---	45.06	54.00	8.94	100.0	V	281.0	7.0
2401.000000	50.68	---	74.00	23.32	100.0	V	281.0	7.0
2441.000000	100.22	---	74.00	-26.22	100.0	V	246.0	7.4
2441.000000	---	96.99	54.00	-42.99	100.0	V	246.0	7.4
2495.000000	63.95	---	74.00	10.05	100.0	V	15.0	7.4
2495.000000	---	48.10	54.00	5.90	100.0	V	15.0	7.4
2519.500000	---	43.72	54.00	10.28	100.0	V	274.0	7.5
2520.000000	57.55	---	74.00	16.45	100.0	V	274.0	7.5
4881.500000	52.91	---	74.00	21.09	100.0	V	93.0	13.4
4882.000000	---	44.07	54.00	9.93	100.0	V	93.0	13.4
7322.475000	---	39.47	54.00	14.53	100.0	V	88.0	8.2
7322.966667	43.86	---	74.00	30.14	100.0	V	74.0	8.2

EUT Name: Powered Bookshelf Speakers
 Model: S2000MKIII
 Test Mode: TX BT_8DPSK_CH78



Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2479.500000	99.91	---	74.00	-25.91	100.0	H	117.0	7.4
2480.000000	---	96.82	54.00	-42.82	100.0	H	117.0	7.4
4959.500000	50.93	---	74.00	23.07	100.0	H	121.0	13.2
4959.500000	---	42.70	54.00	11.30	100.0	H	121.0	13.2



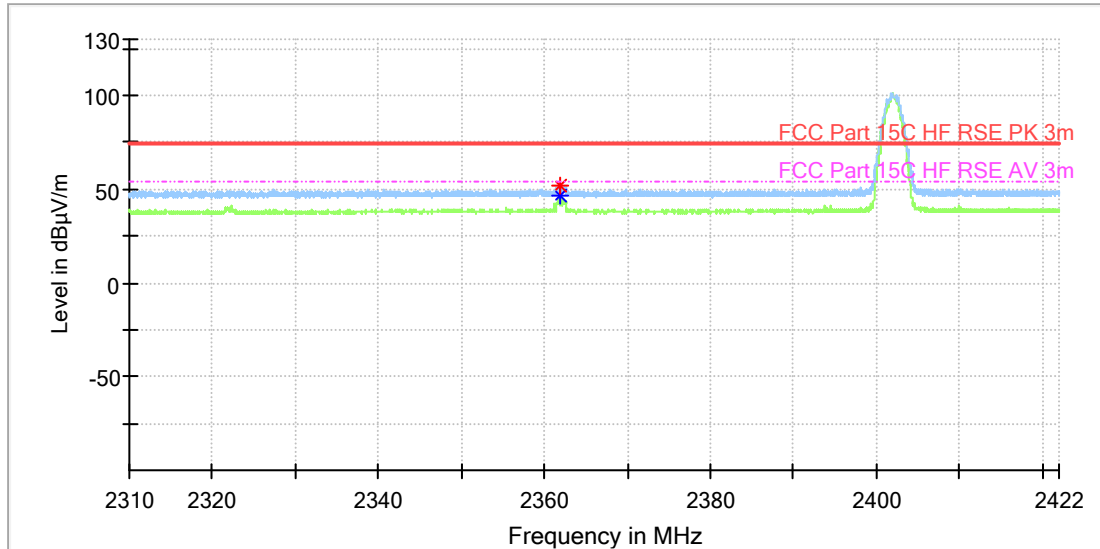
Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2479.500000	100.52	---	74.00	-26.52	100.0	V	241.0	7.4
2480.000000	---	96.85	54.00	-42.85	100.0	V	241.0	7.4
2496.000000	63.86	---	74.00	10.14	100.0	V	16.0	7.4
2496.500000	---	48.60	54.00	5.40	100.0	V	16.0	7.4
4959.500000	53.07	---	74.00	20.93	100.0	V	100.0	13.2
4960.000000	---	43.84	54.00	10.16	100.0	V	100.0	13.2
7439.983333	44.10	---	74.00	29.90	100.0	V	81.0	8.4
7440.475000	---	37.20	54.00	16.80	100.0	V	81.0	8.4

Appendix C.2: Test Plots of Band Edge (Radiated)

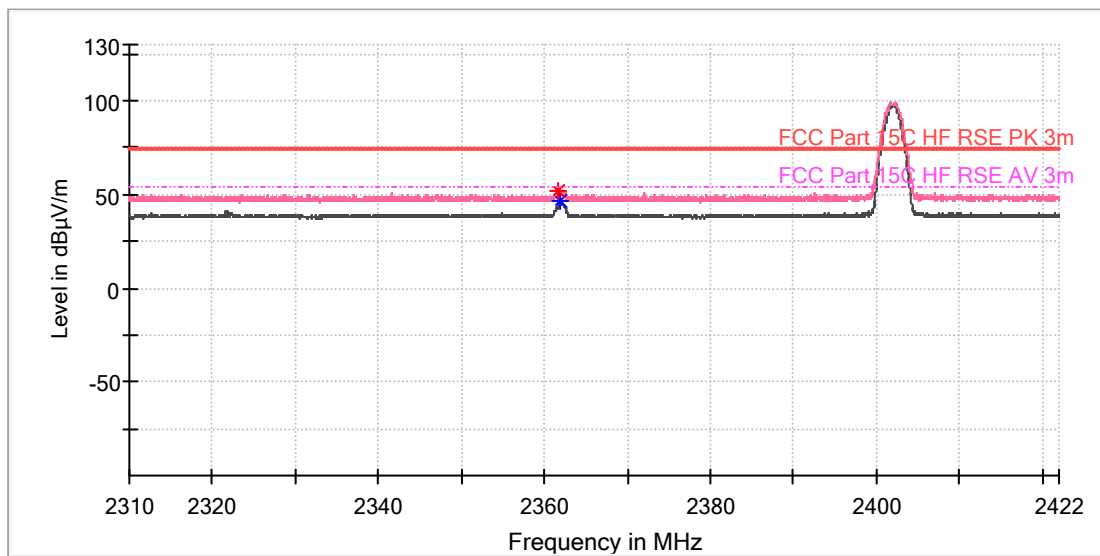
BDR mode, Low Channel

EUT Name: Powered Bookshelf Speakers
Model: S2000MKIII
Test Mode: TX BT_GFSK_CH0



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2361.882353	---	46.28	54.00	7.72	100.0	H	316.0	6.9
2361.882353	52.11	---	74.00	21.89	100.0	H	316.0	6.9

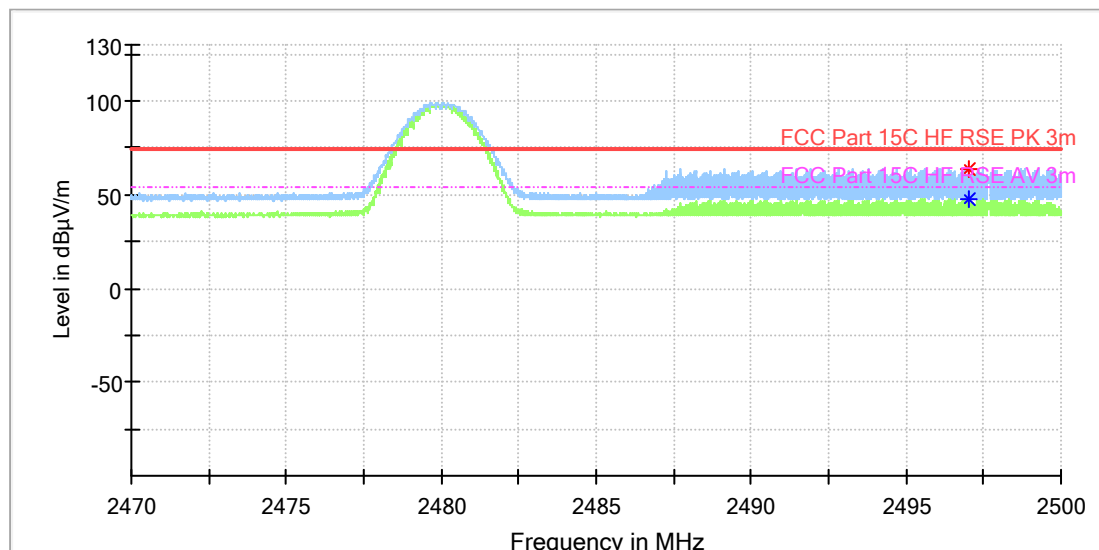


Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2361.767059	51.45	---	74.00	22.55	100.0	V	312.0	6.9
2361.783530	---	46.64	54.00	7.36	100.0	V	312.0	6.9

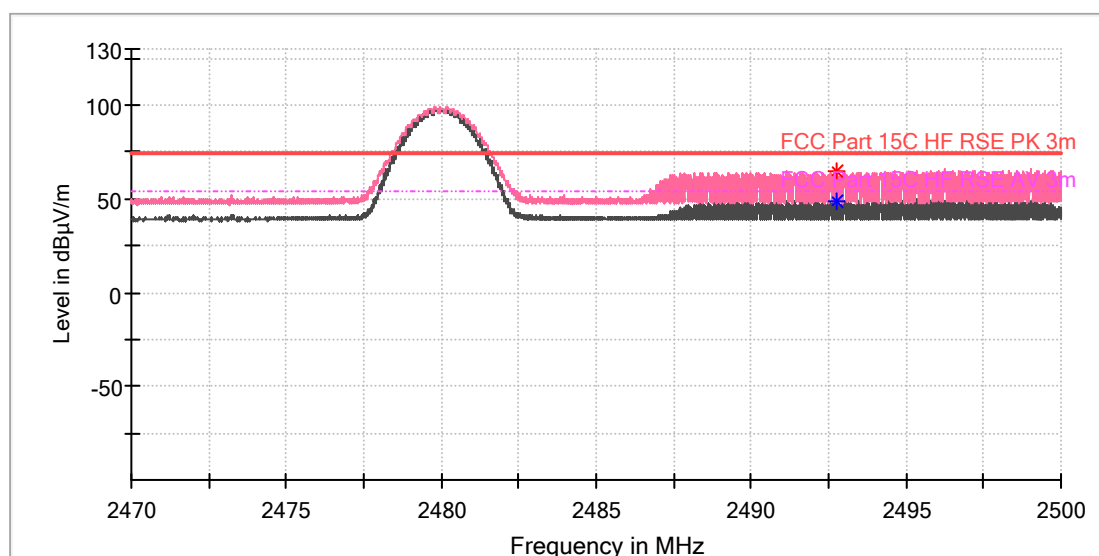
BDR mode, High Channel

EUT Name: Powered Bookshelf Speakers
Model: S2000MKIII
Test Mode: TX BT_GFSK_CH78



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2497.000000	63.91	---	74.00	10.09	100.0	H	284.0	7.4
2497.004412	---	48.09	54.00	5.91	100.0	H	284.0	7.4



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2492.782353	---	48.49	54.00	5.51	100.0	V	204.0	7.4
2492.782353	64.24	---	74.00	9.76	100.0	V	204.0	7.4

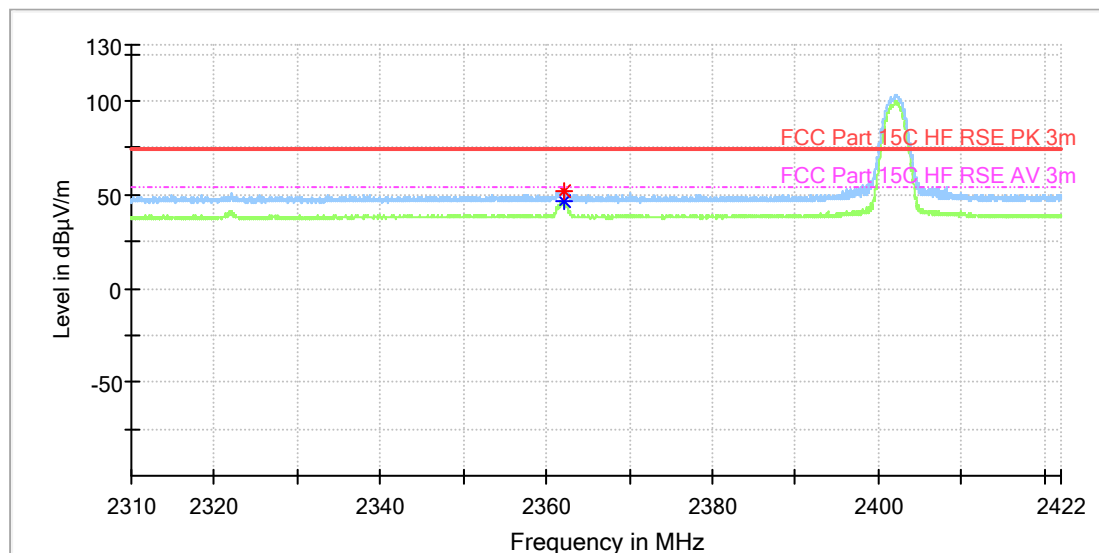
EDR mode, Low Channel

EUT Name:

Powered Bookshelf Speakers

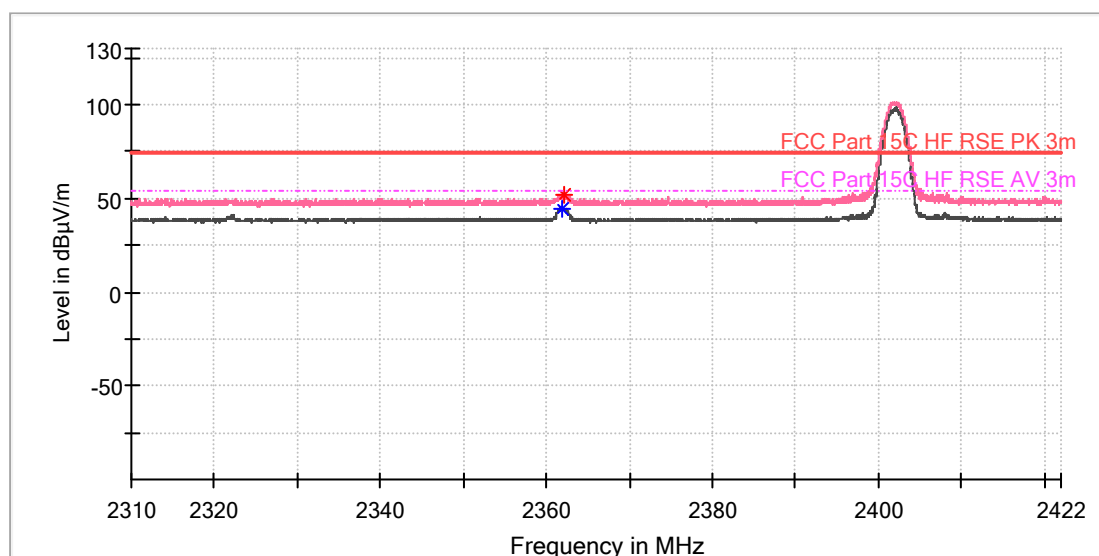
Model:

S2000MKIII



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2362.030588	---	46.05	54.00	7.95	100.0	H	313.0	6.9
2362.063530	51.96	---	74.00	22.04	100.0	H	124.0	6.9

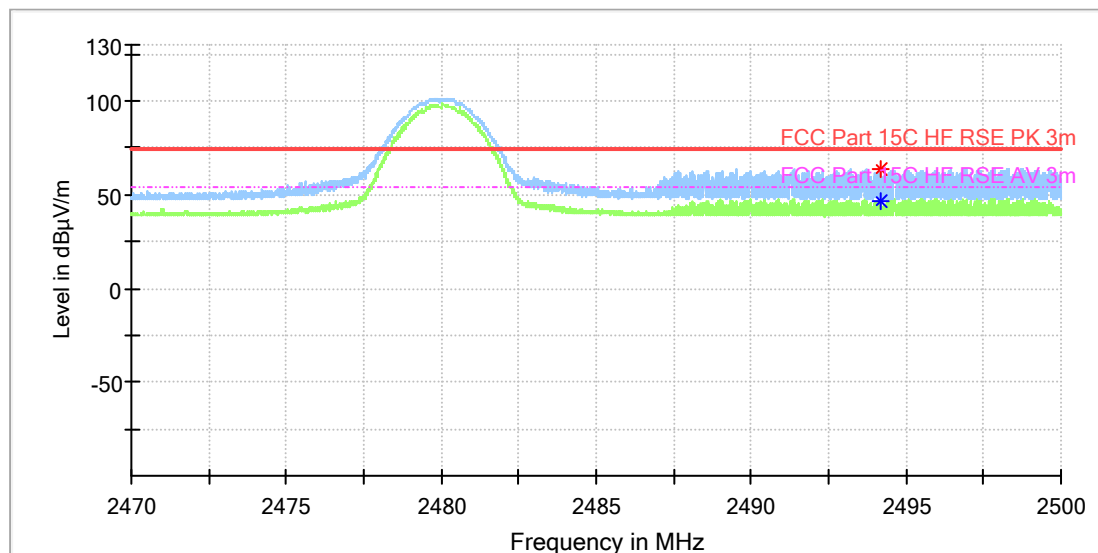


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2361.898824	---	44.91	54.00	9.09	100.0	V	311.0	6.9
2362.047059	51.98	---	74.00	22.02	100.0	V	304.0	6.9

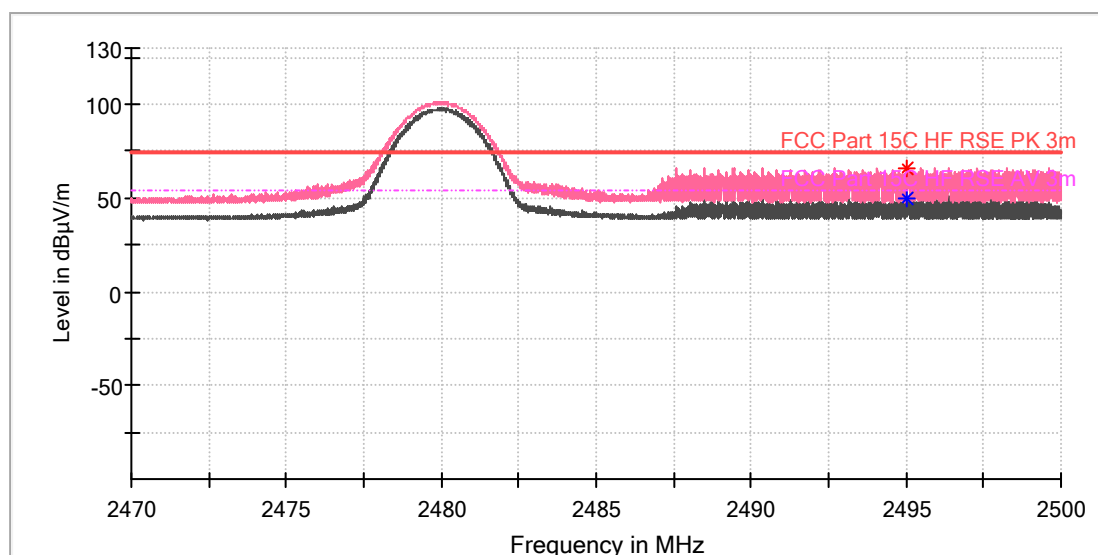
EDR mode, High Channel

EUT Name: Powered Bookshelf Speakers
Model: S2000MKIII
Test Mode: TX BT_8DPSK_CH78



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2494.194118	---	46.69	54.00	7.31	100.0	H	47.0	7.4
2494.194118	63.57	---	74.00	10.43	100.0	H	47.0	7.4



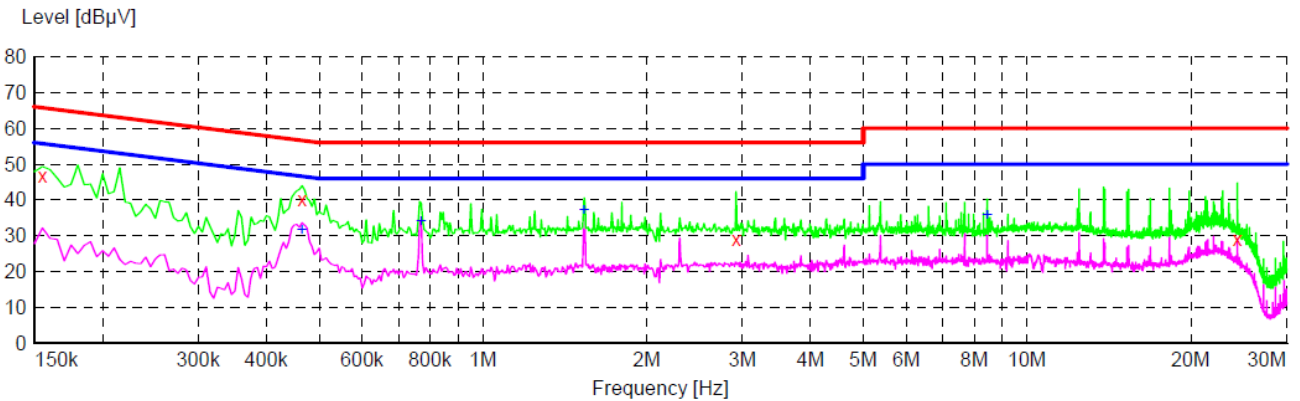
Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2495.005882	65.93	---	74.00	8.07	100.0	V	202.0	7.4
2495.010294	---	50.24	54.00	3.76	100.0	V	202.0	7.4

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Products

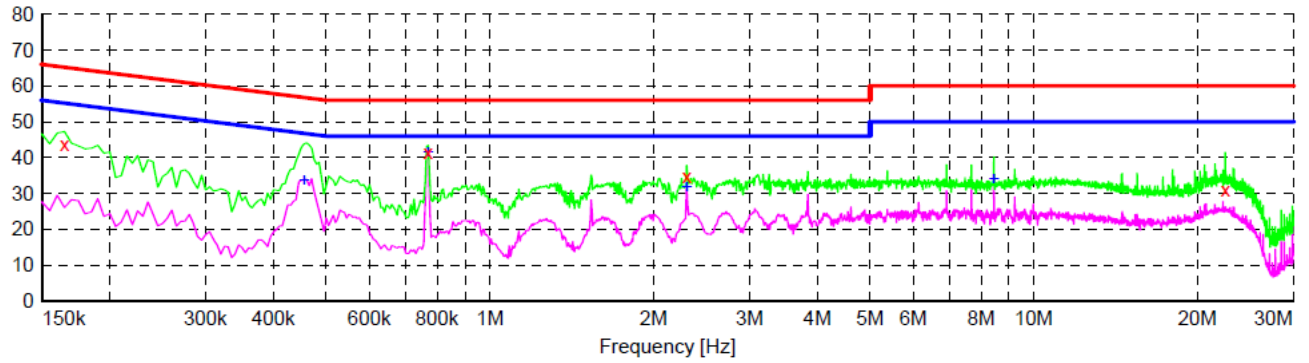
Appendix C.3: Test Plots of AC Mains Conducted Emission

EUT Name: Powered Bookshelf Speakers
Model: S2000MKIII
Test Mode: BT
Comment: Line



Frequency MHz	Level dB μ V	Transd dB	Limit	Margin	Detector	Line	PE
0.155000	46.60	10.5	66	19.1	QP	L1	GND
0.465000	40.10	10.6	57	16.5	QP	L1	GND
2.920000	28.90	10.8	56	27.1	QP	L1	GND
24.355000	29.00	11.0	60	31.0	QP	L1	GND
0.465000	31.90	10.6	47	14.7	AV	L1	GND
0.770000	34.10	10.6	46	11.9	AV	L1	GND
1.535000	37.30	10.7	46	8.7	AV	L1	GND
8.450000	35.90	10.9	50	14.1	AV	L1	GND

EUT Name: Powered Bookshelf Speakers
 Model: S2000MKIII
 Test Mode: BT
 Comment: Nature
 Level [dB μ V]



Frequency MHz	Level dB μ V	Transd dB	Limit	Margin	Detector	Line	PE
0.165000	43.60	10.5	65	21.6	QP	N	GND
0.770000	41.50	10.6	56	14.5	QP	N	GND
2.300000	34.80	10.7	56	21.2	QP	N	GND
22.495000	31.00	11.0	60	29.0	QP	N	GND
0.455000	33.50	10.6	47	13.3	AV	N	GND
0.770000	41.30	10.6	46	4.7	AV	N	GND
2.300000	31.80	10.7	46	14.2	AV	N	GND
8.450000	34.00	10.9	50	16.0	AV	N	GND