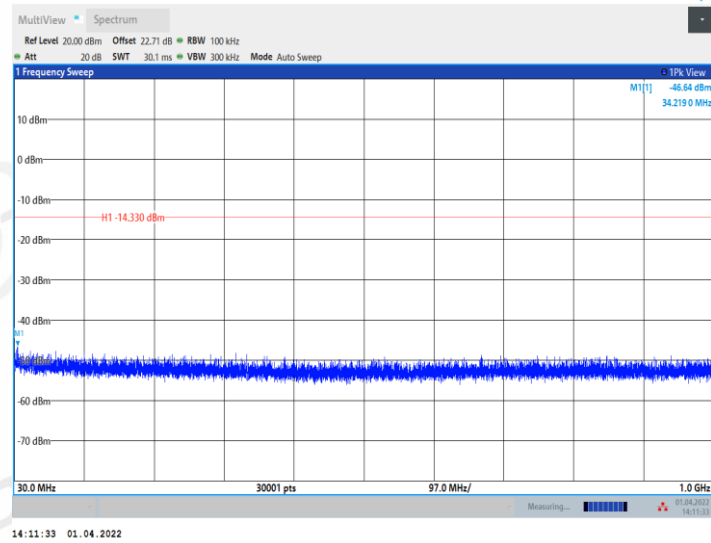
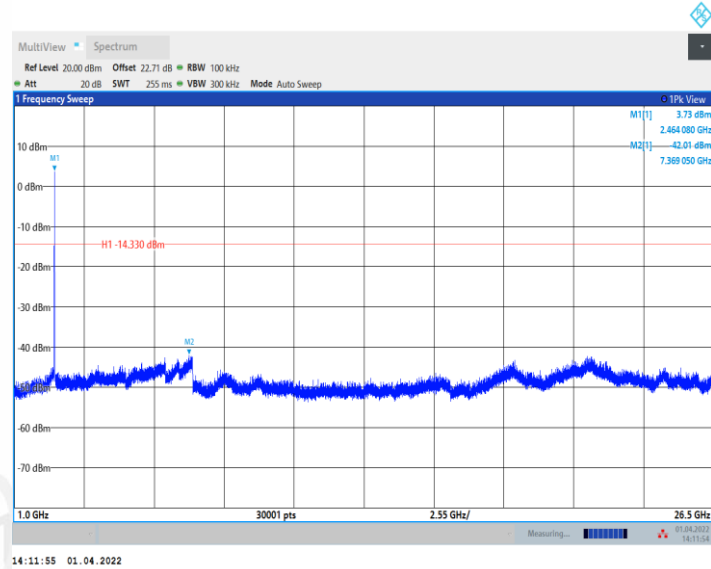
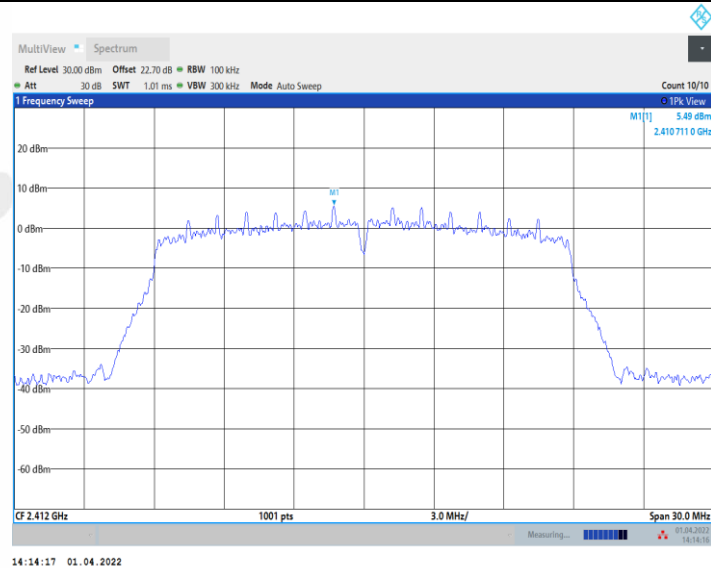




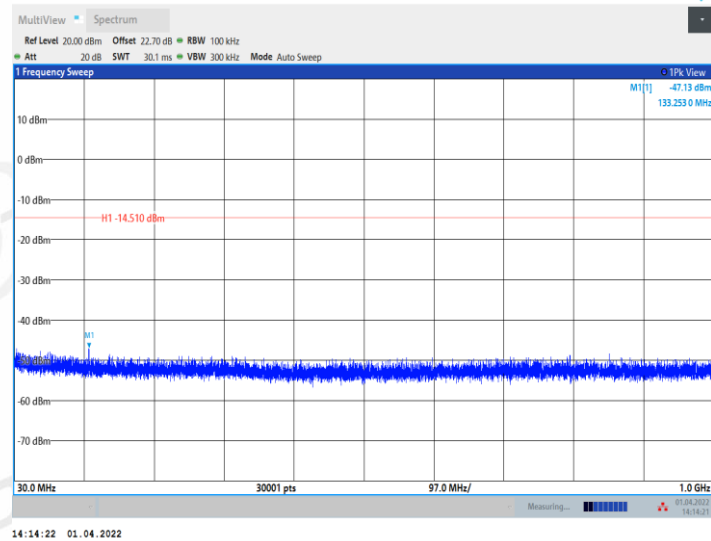
11G_Ant2_2462_1000~26500



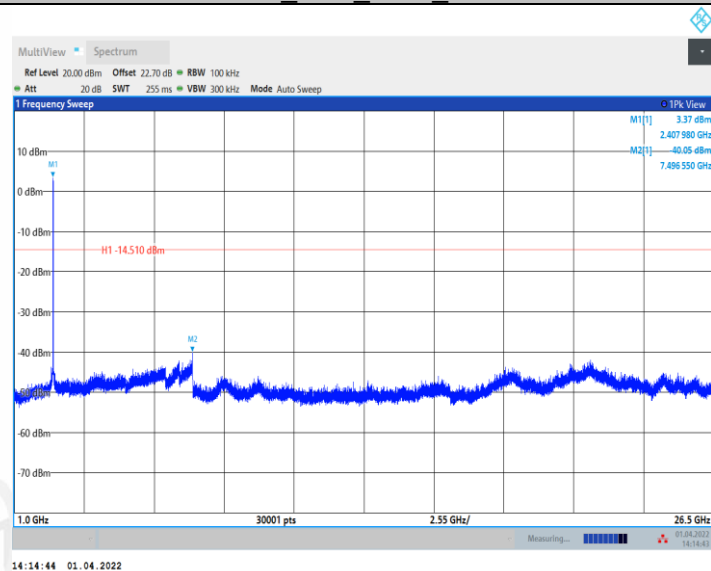
11N20MIMO_Ant1_2412_0~Reference



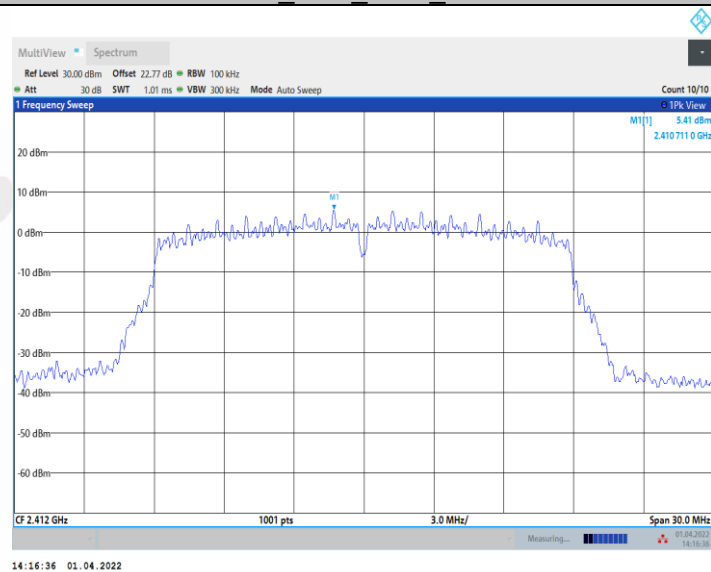
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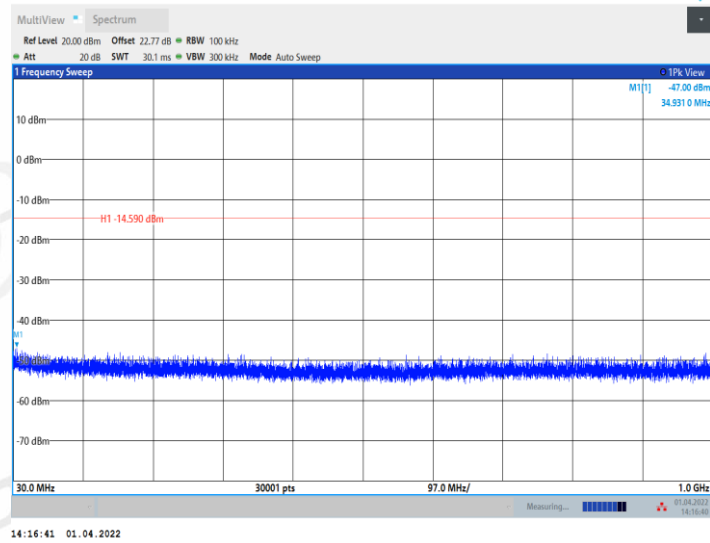
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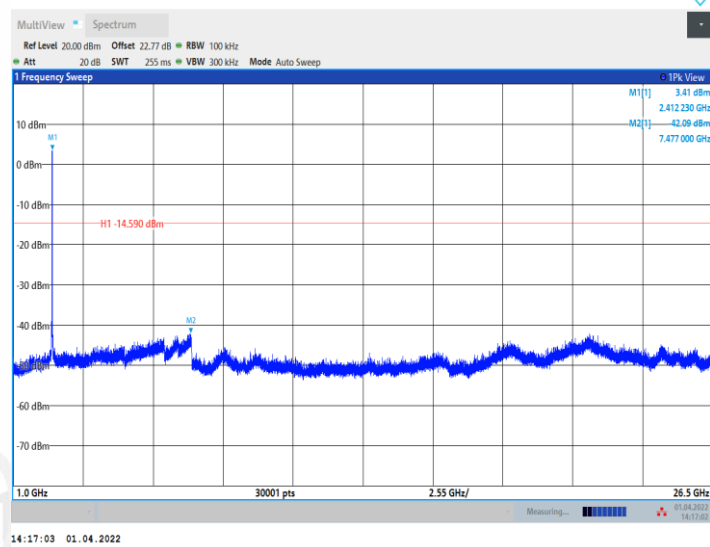
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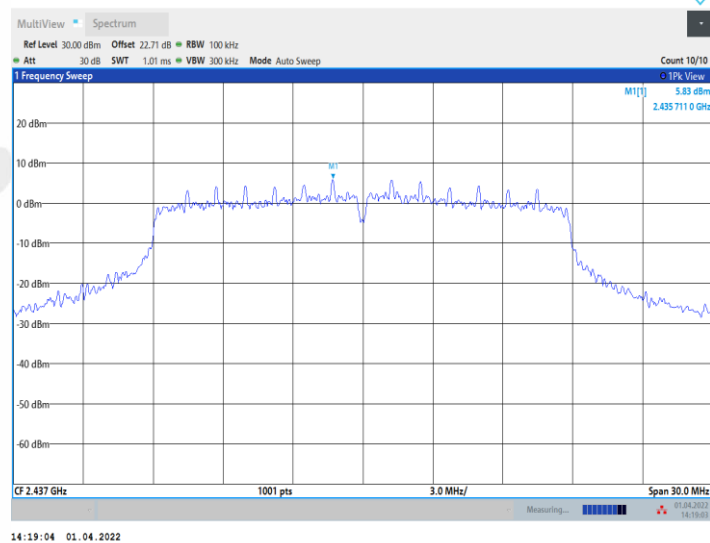
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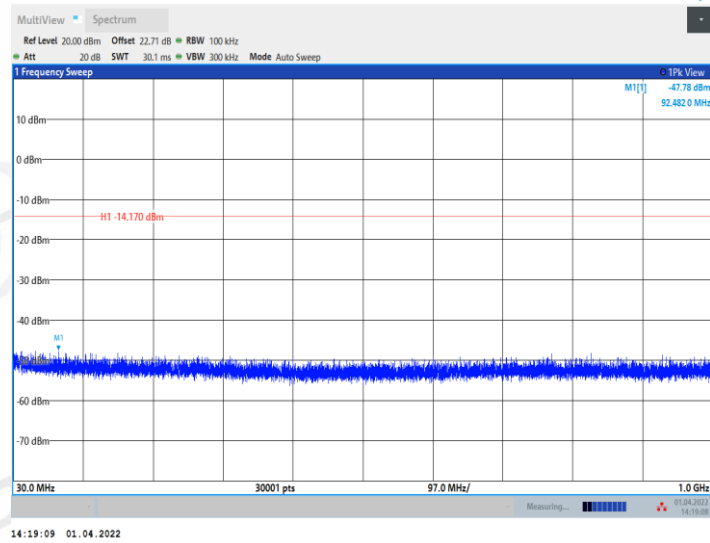
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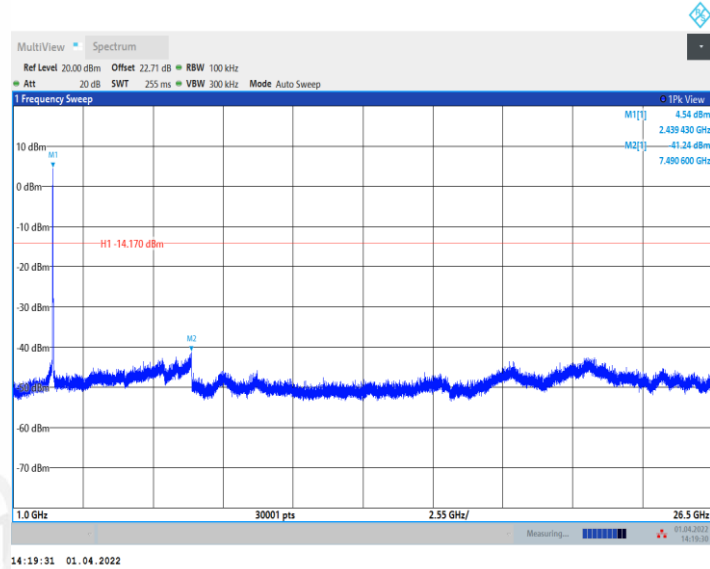
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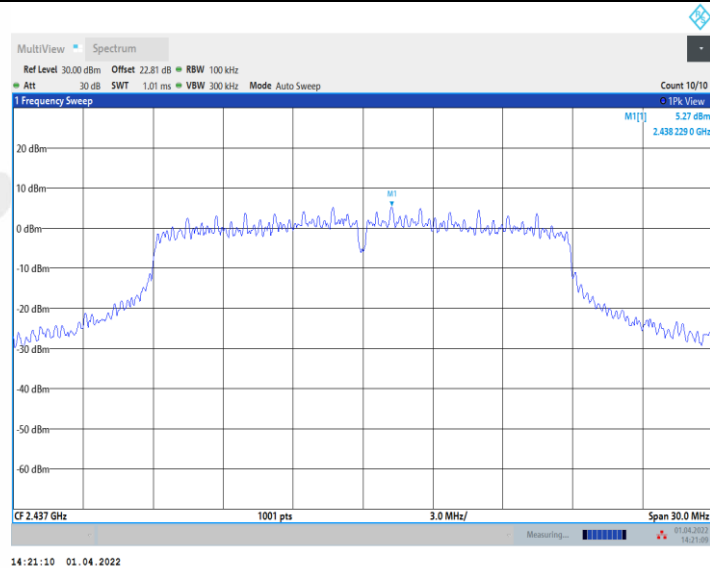
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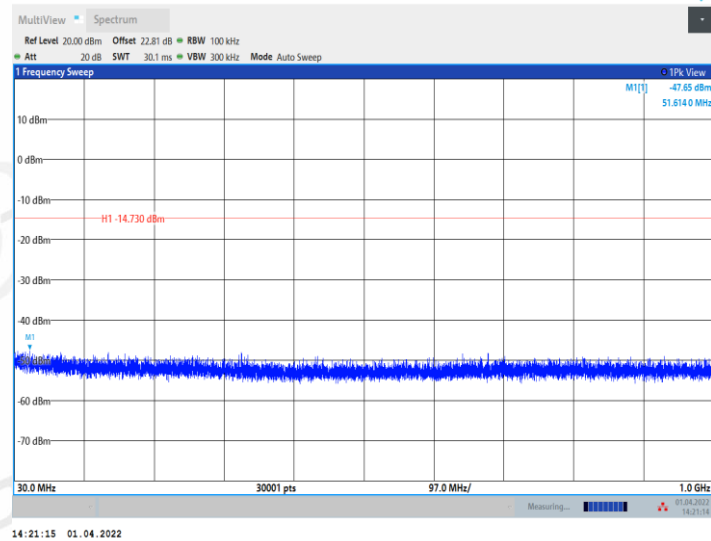
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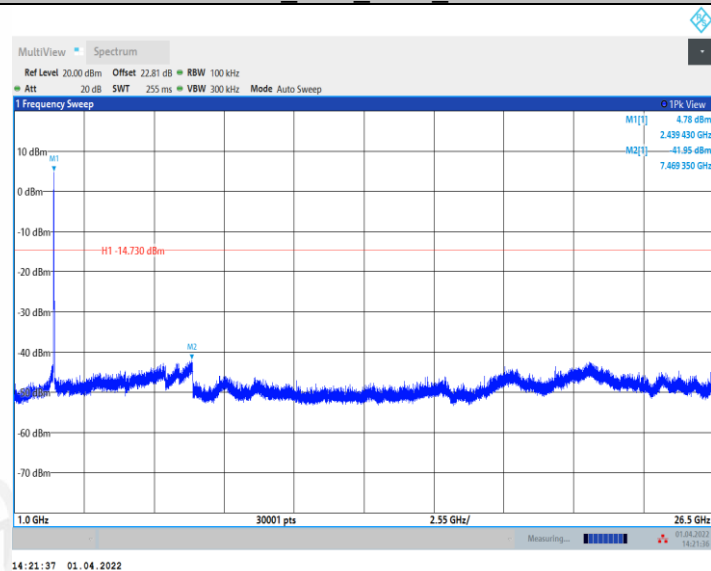
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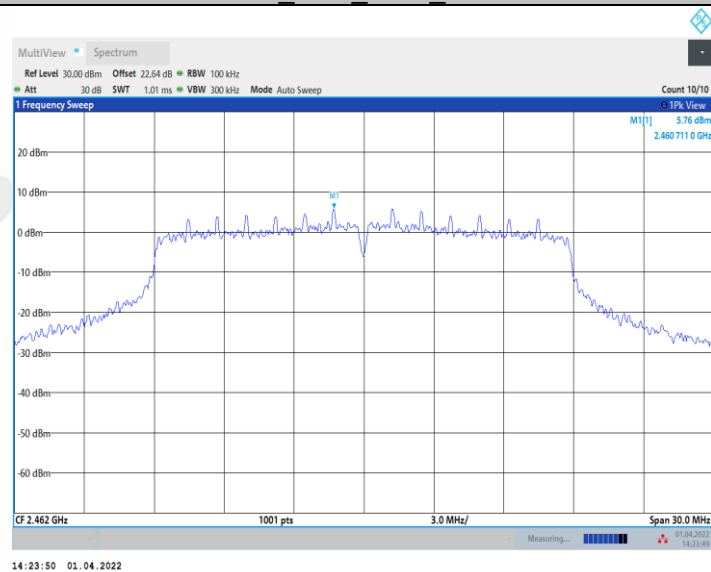
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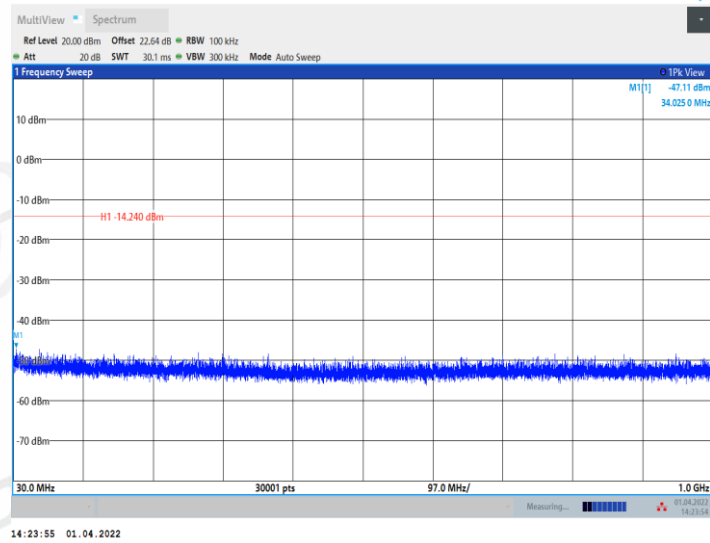
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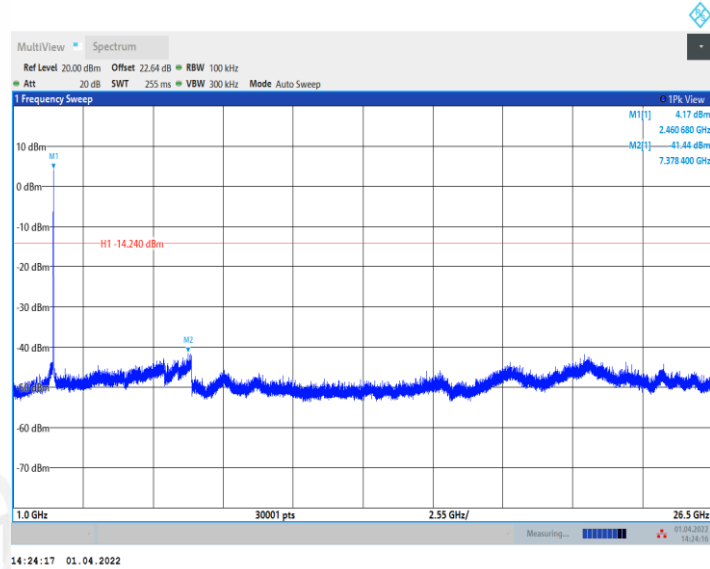
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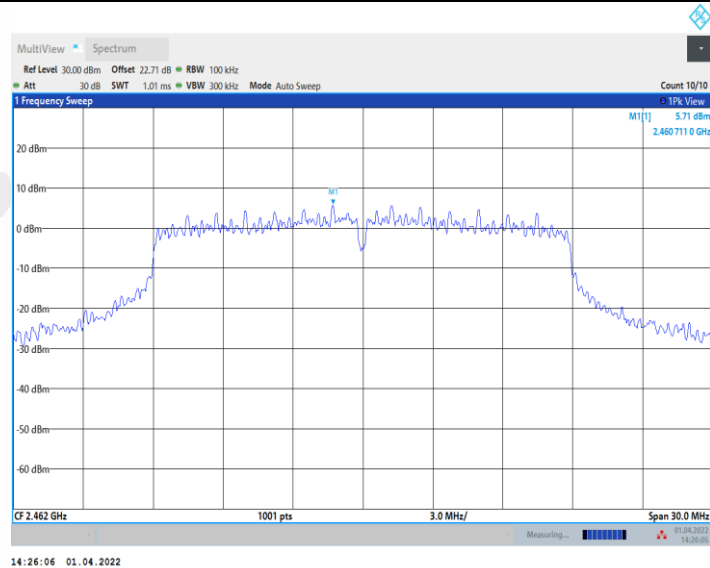
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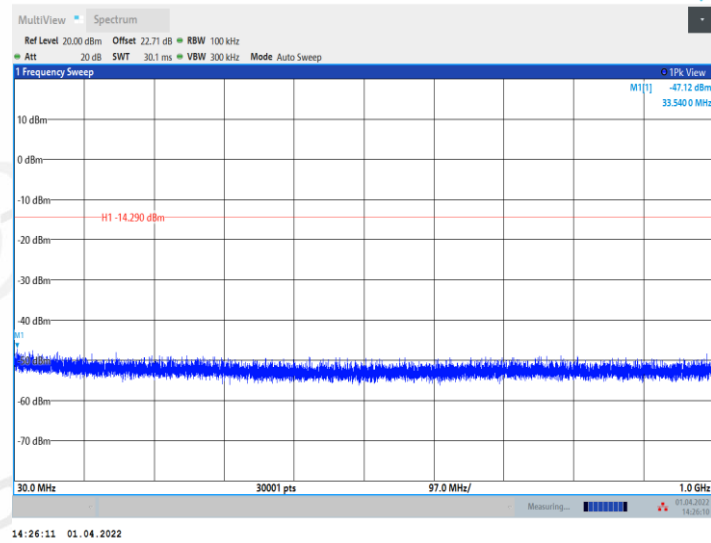
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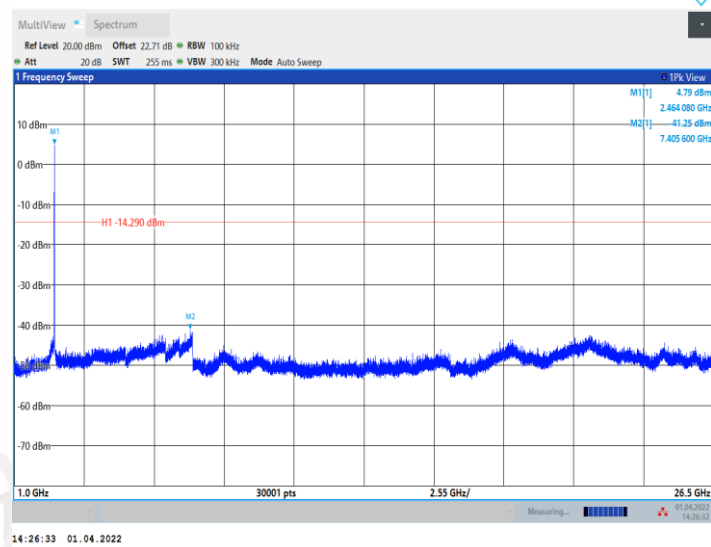
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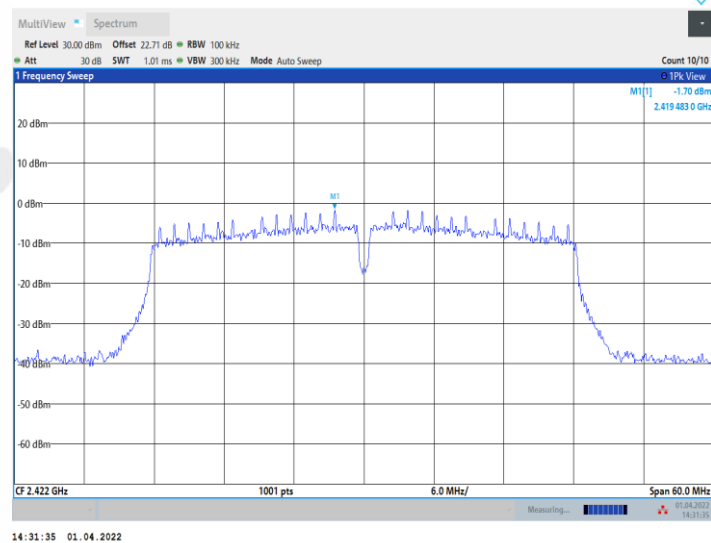
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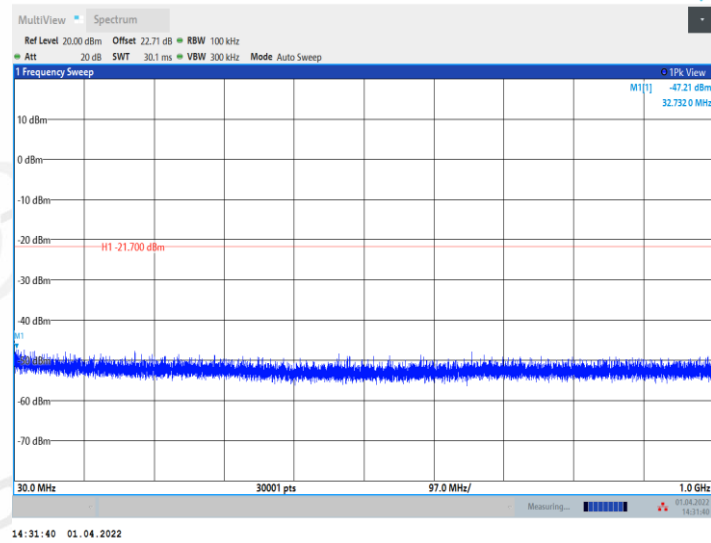
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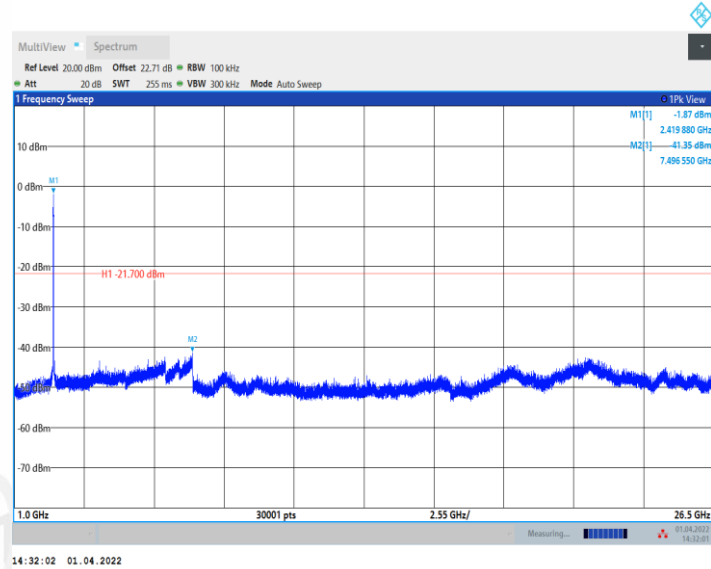
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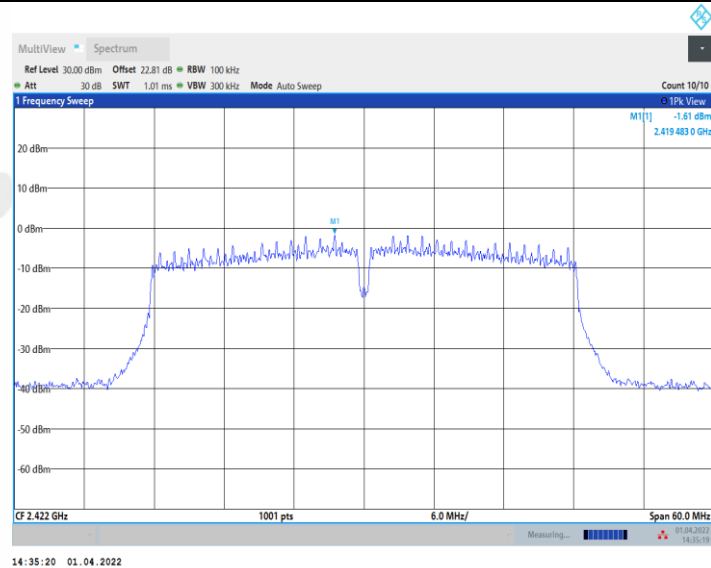
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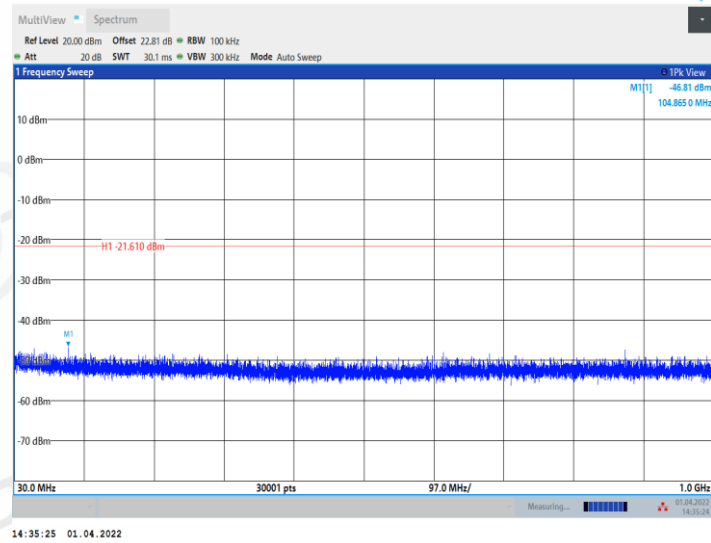
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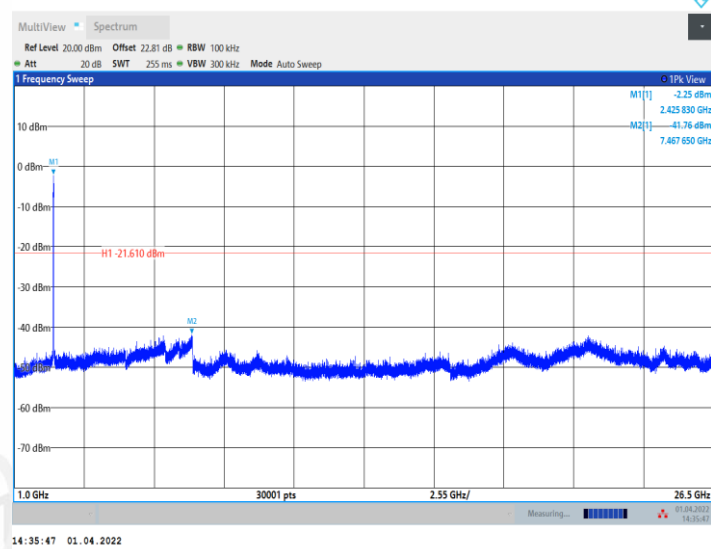
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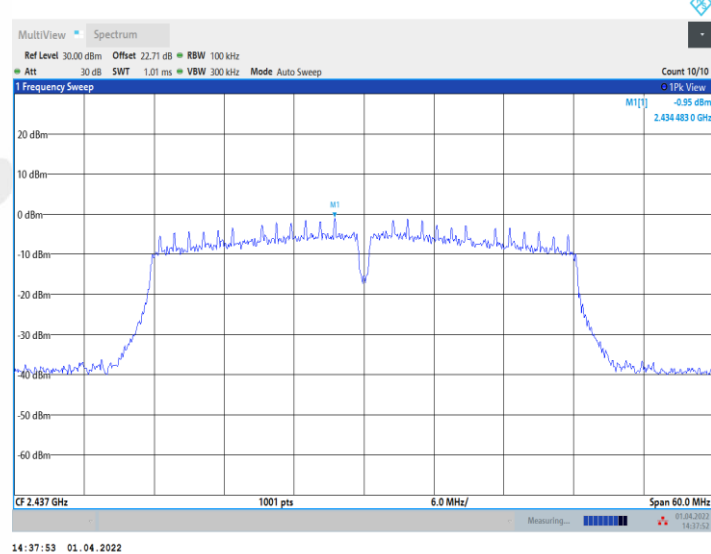
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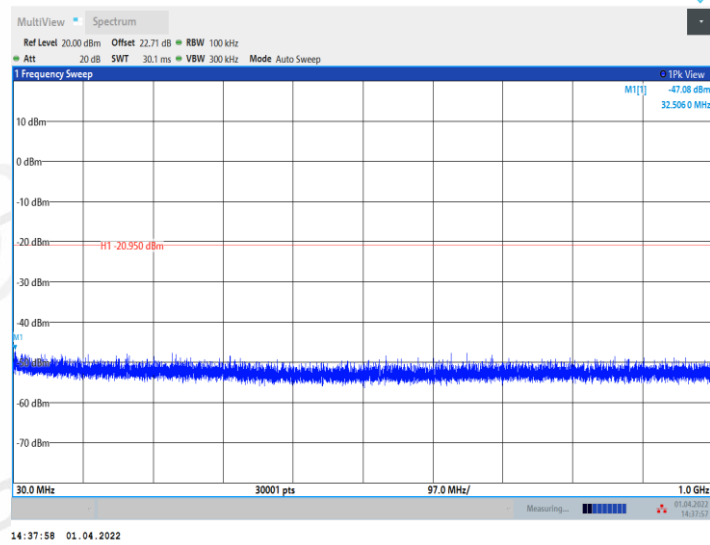
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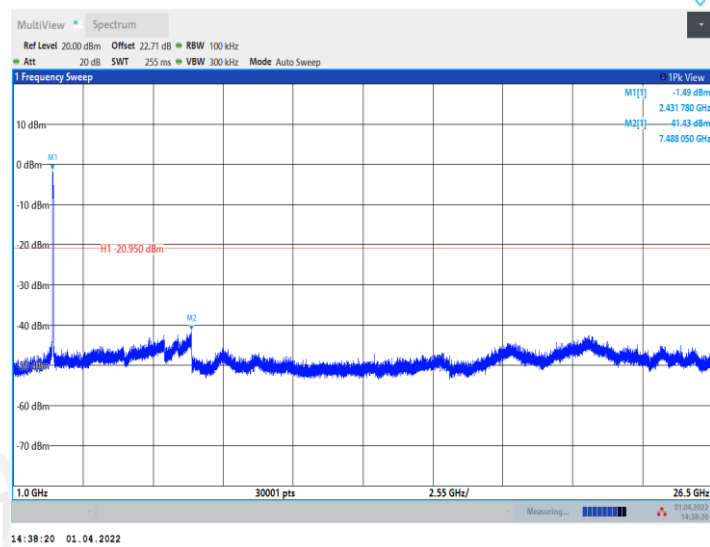
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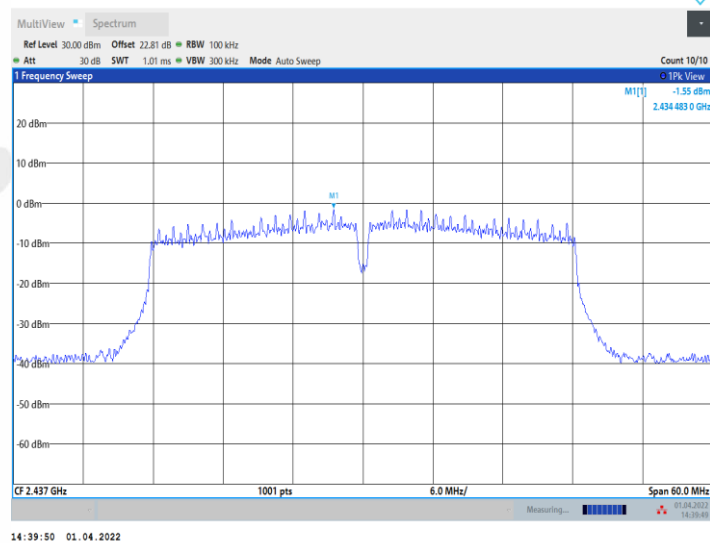
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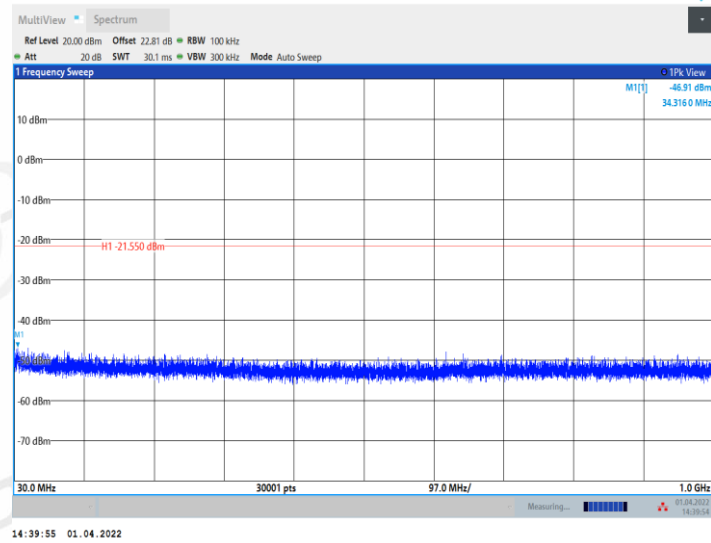
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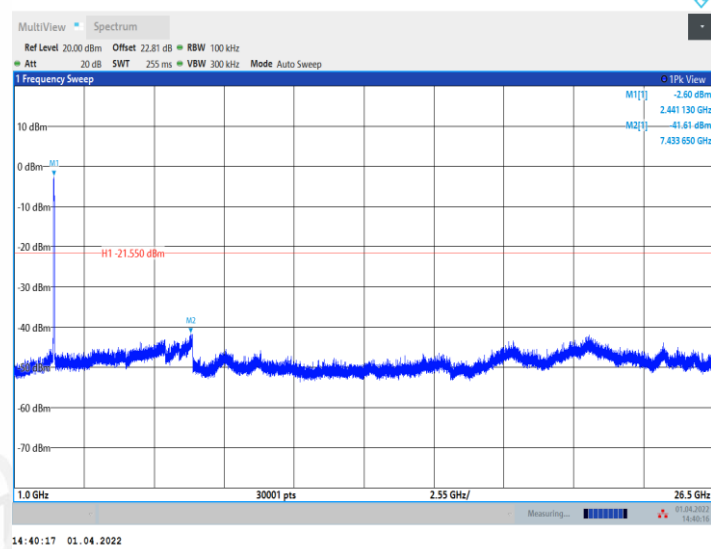
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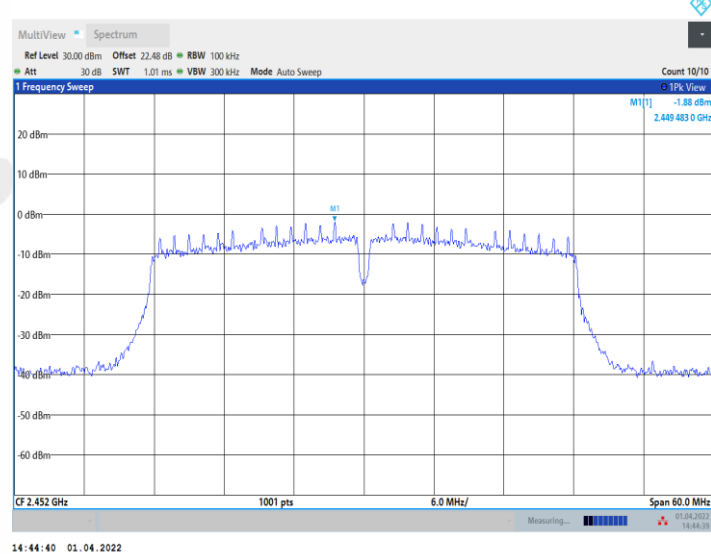
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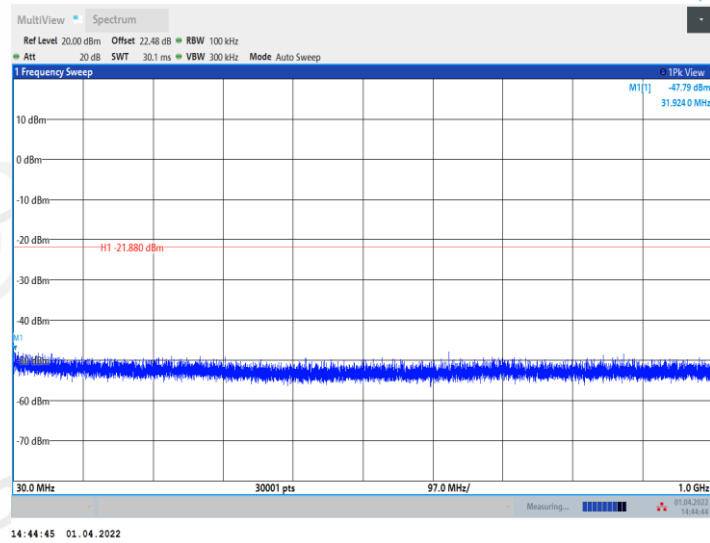
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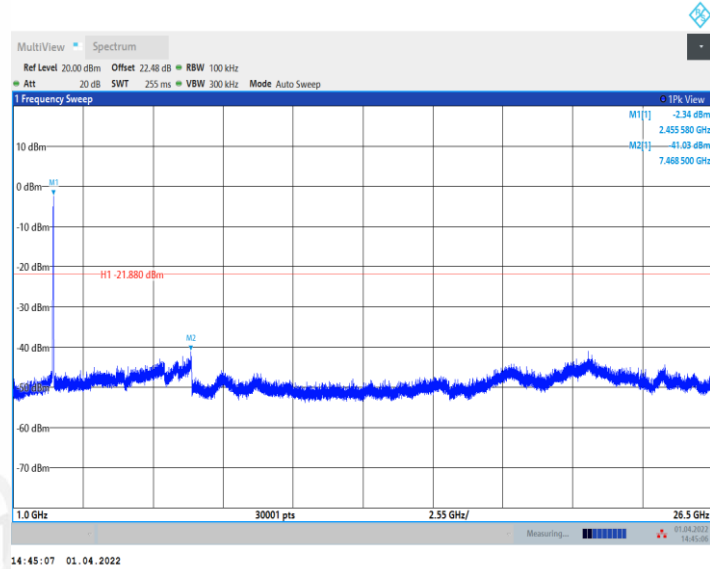
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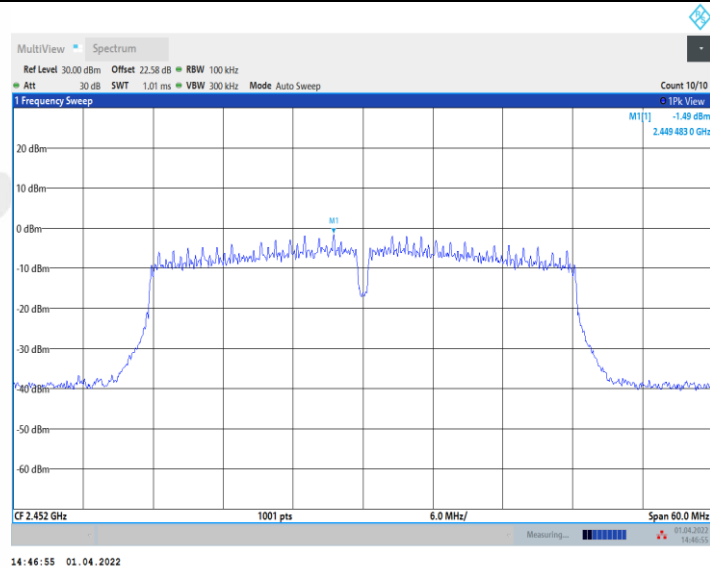
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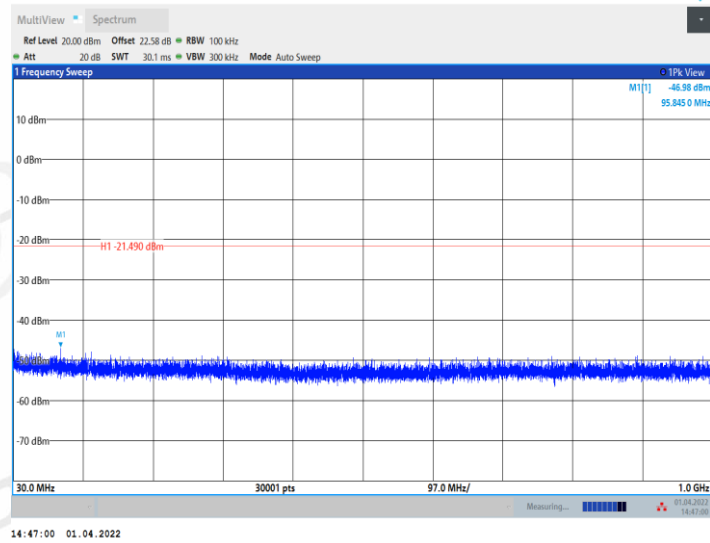
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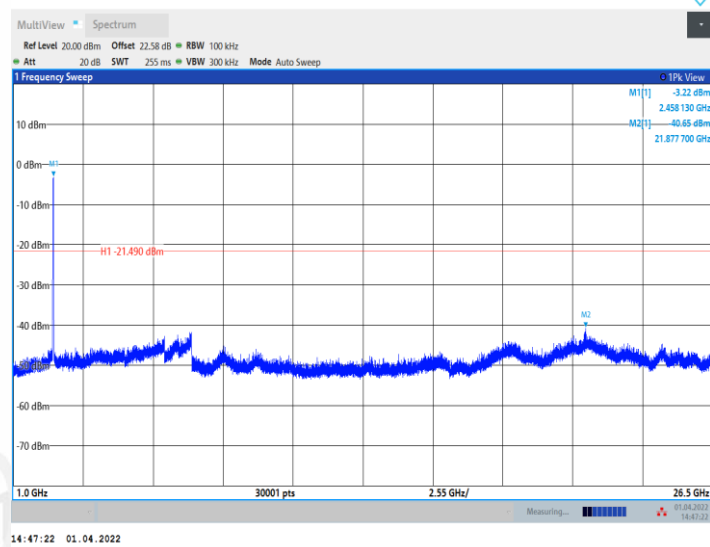
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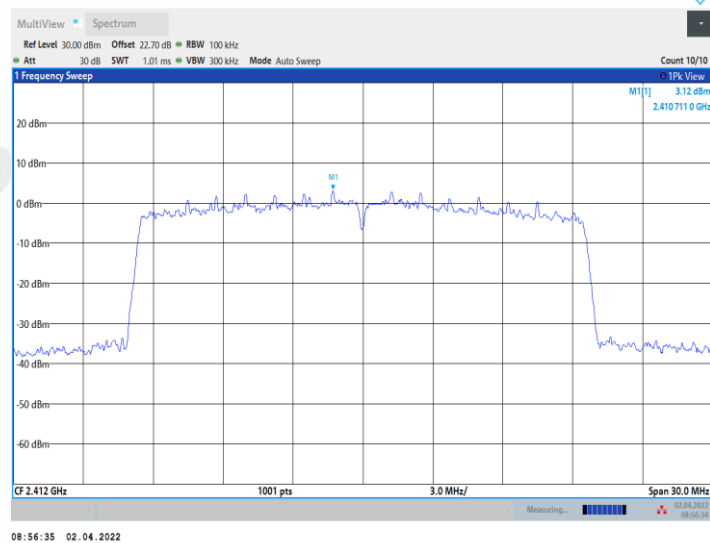
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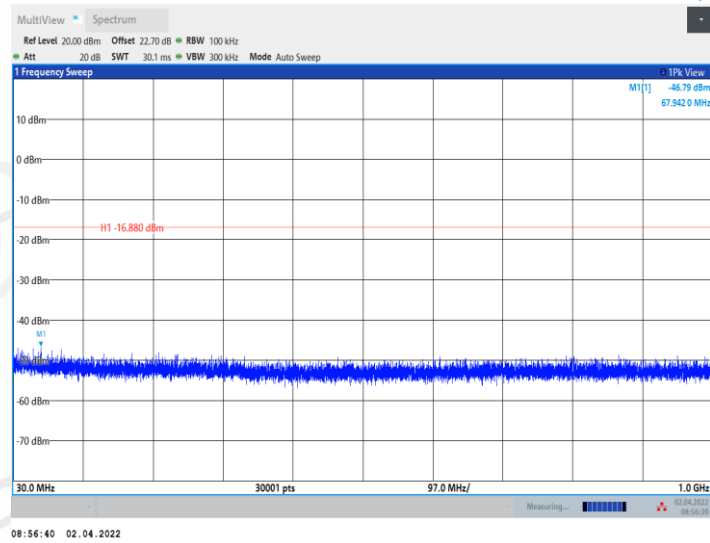
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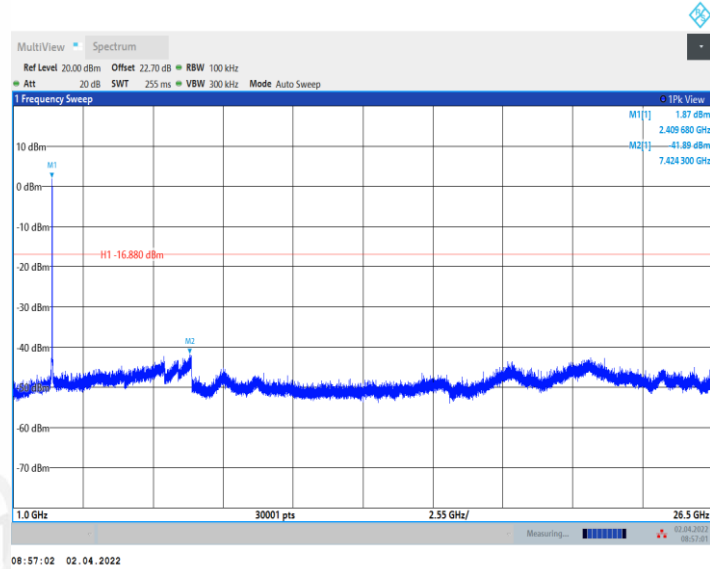
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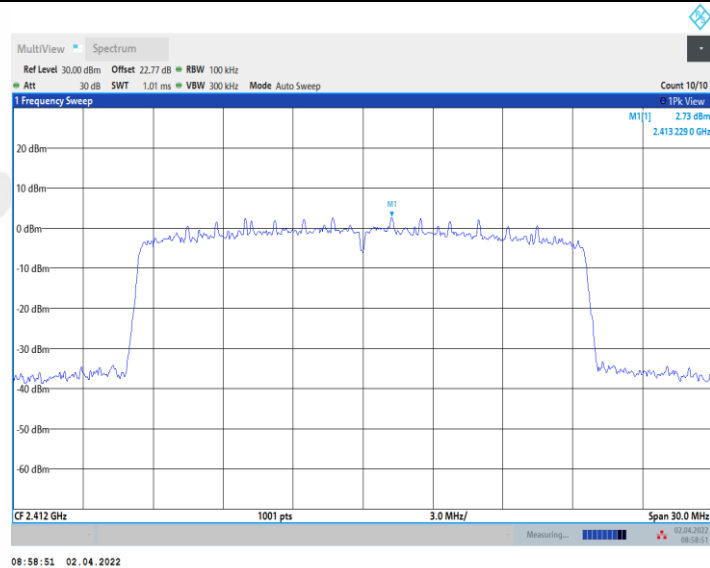
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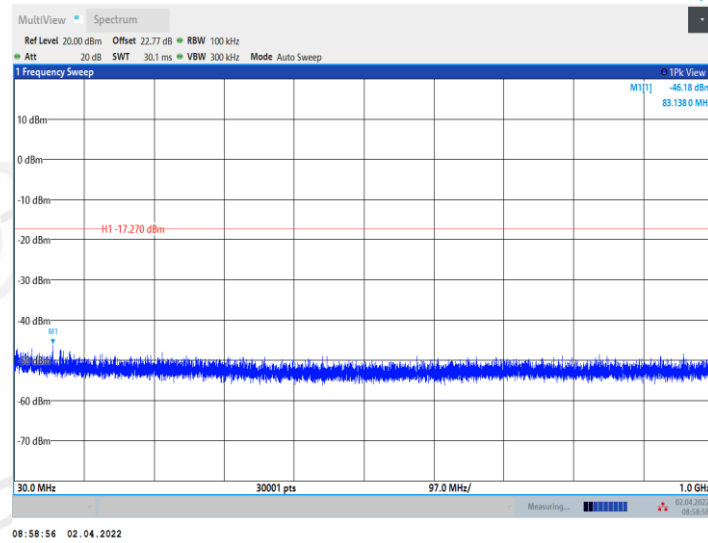
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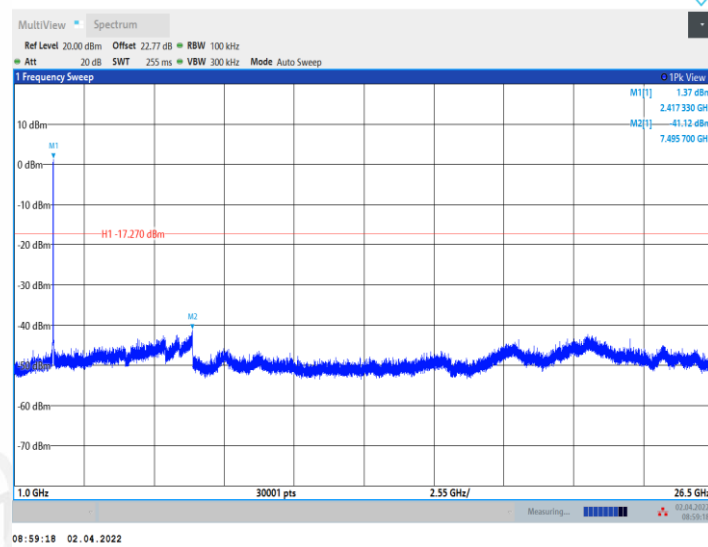
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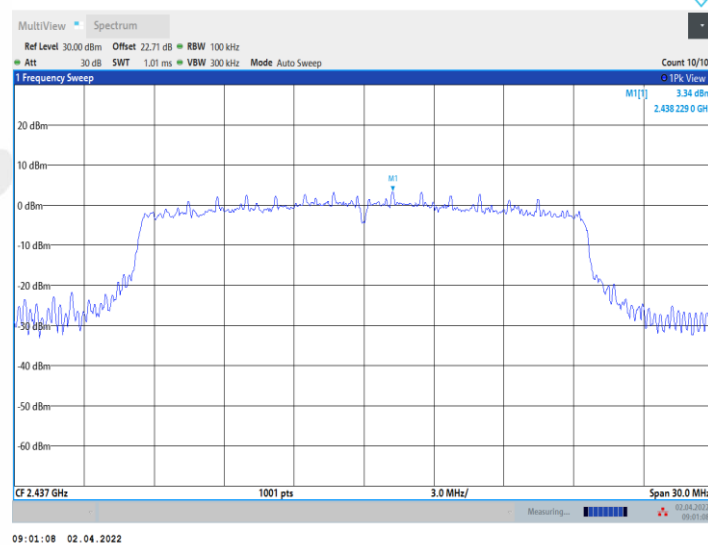
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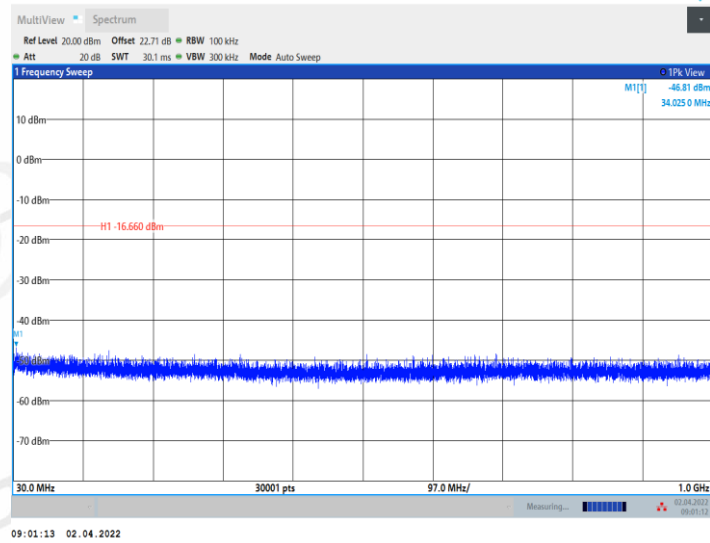
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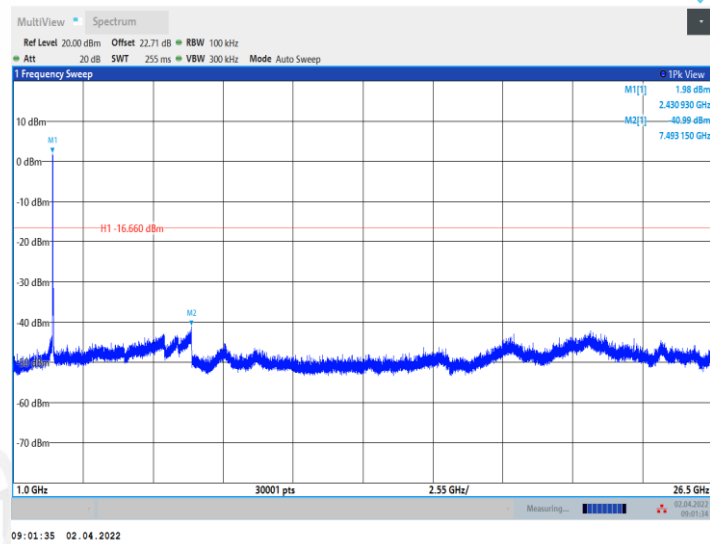
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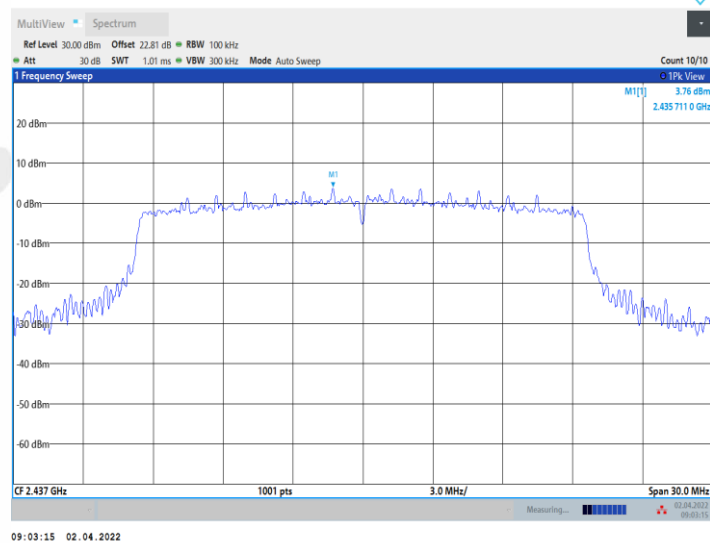
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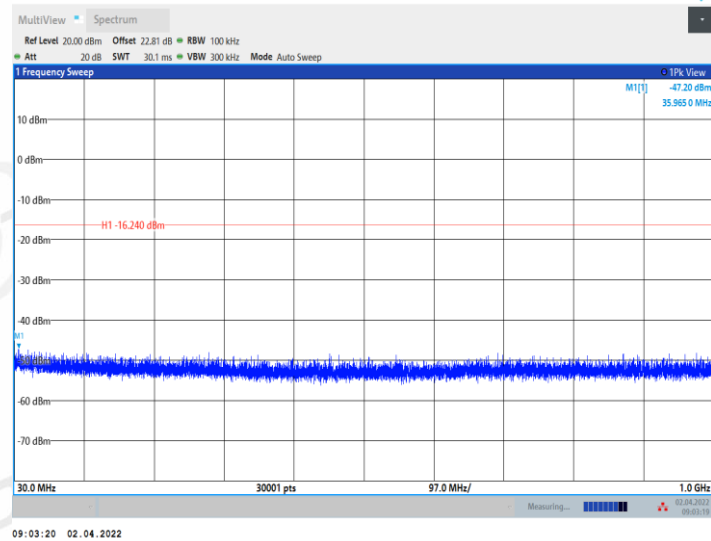
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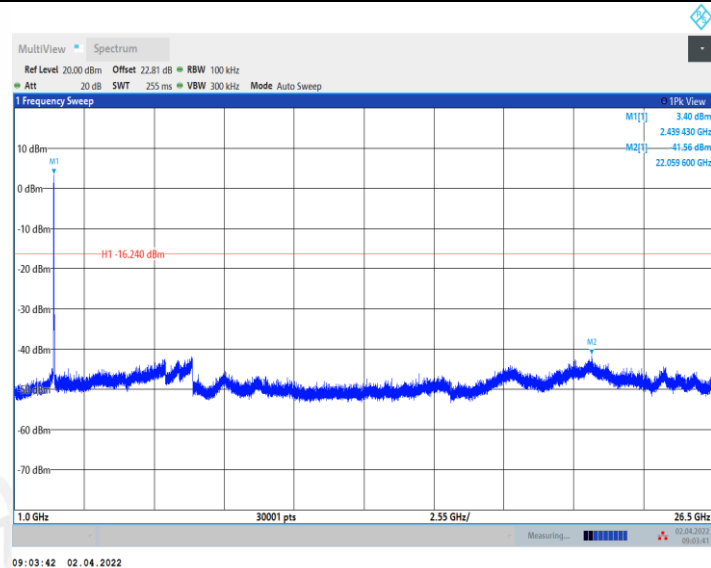
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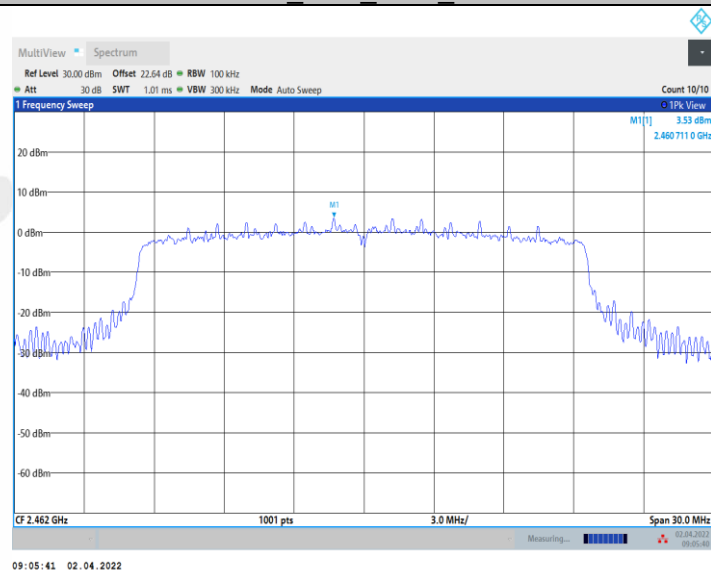
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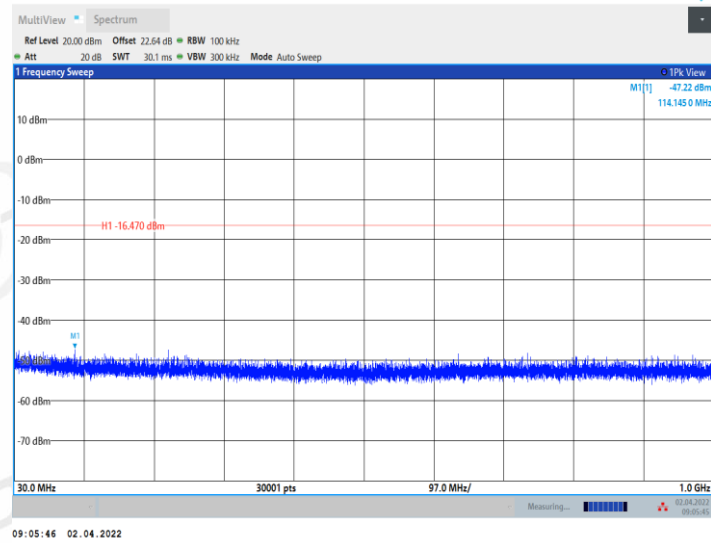
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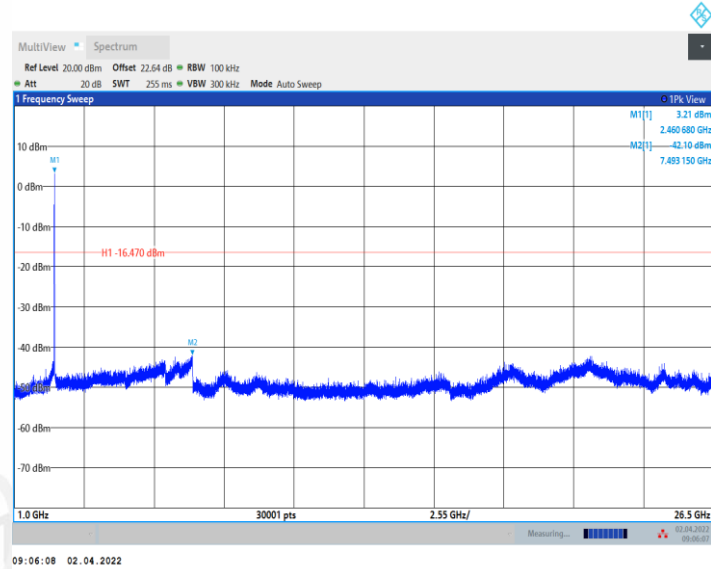
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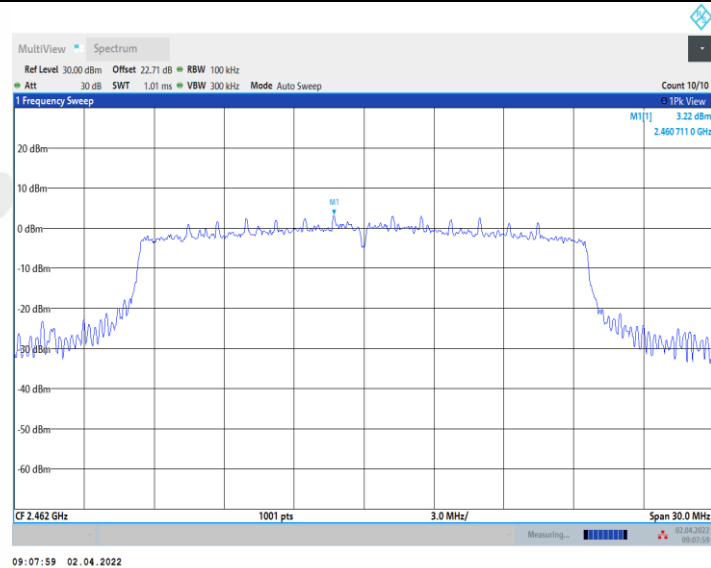
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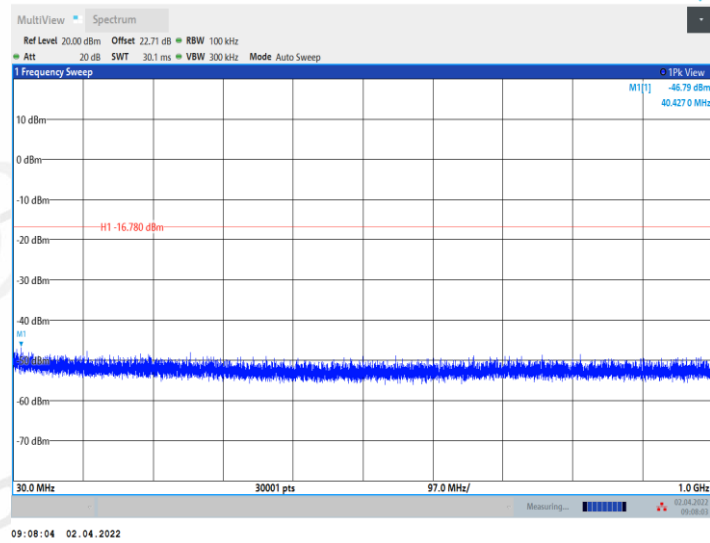
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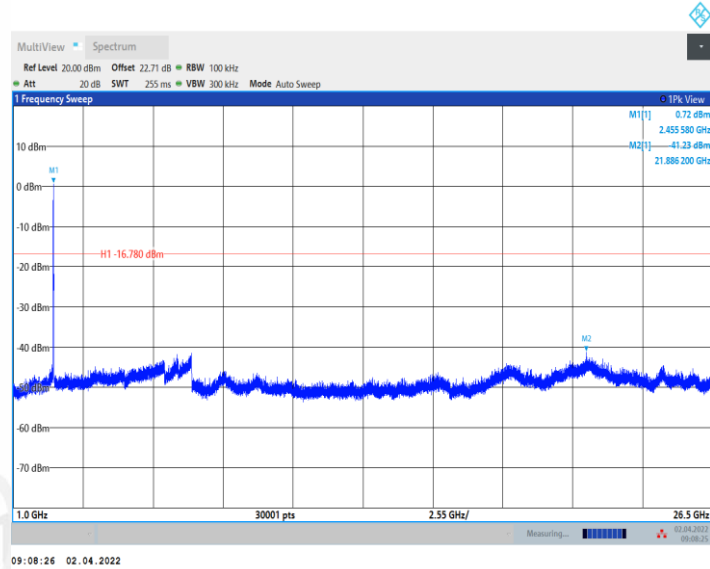
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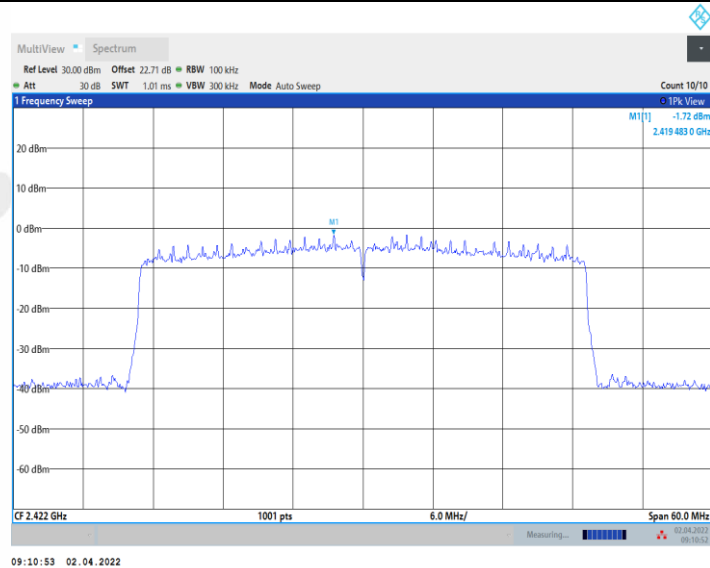
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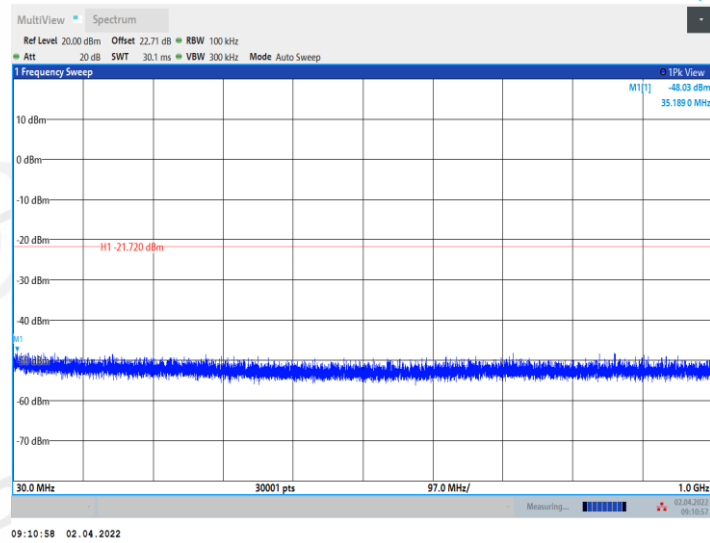
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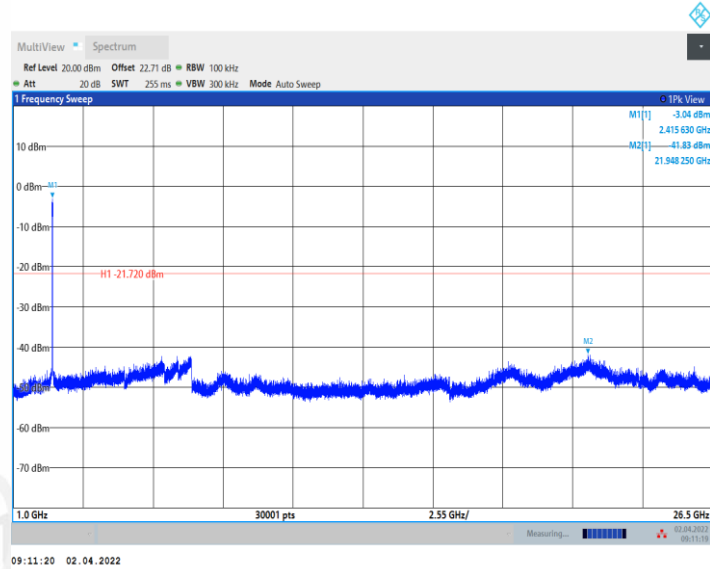
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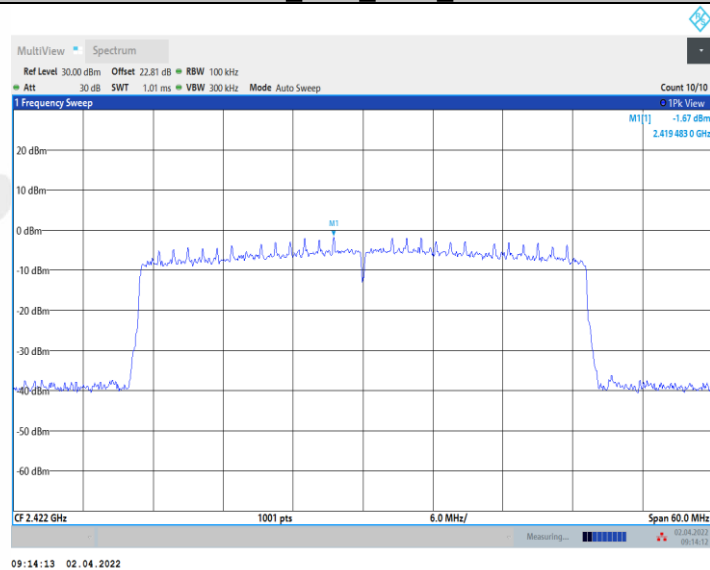
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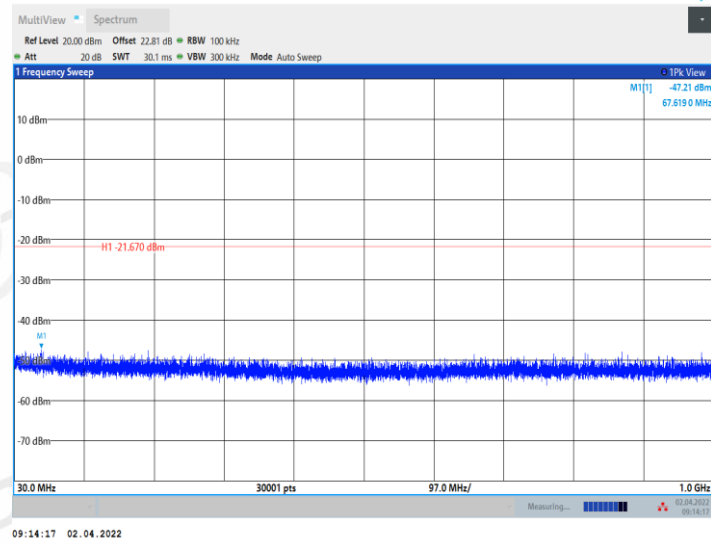
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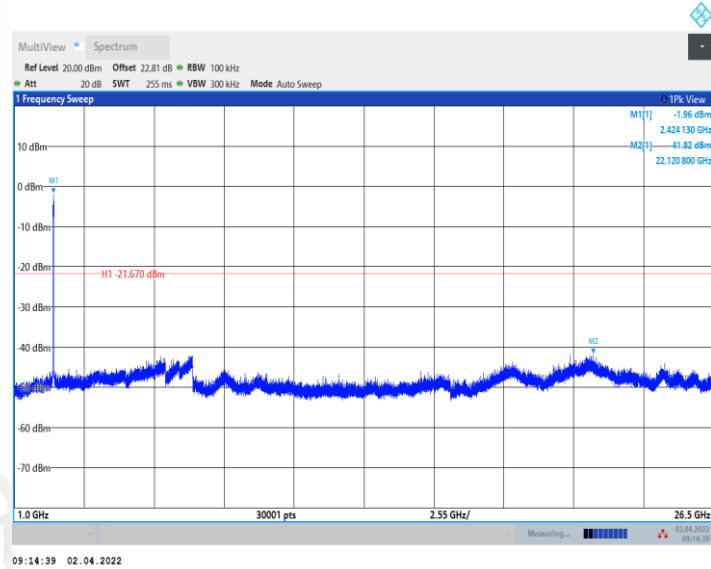
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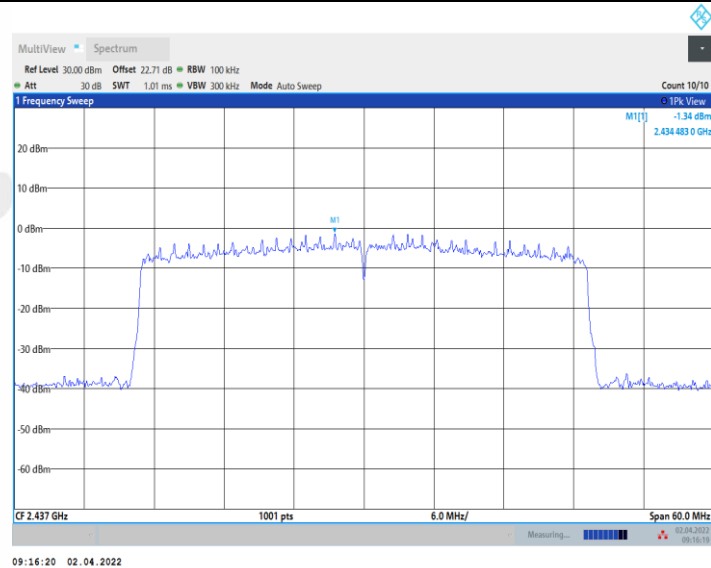
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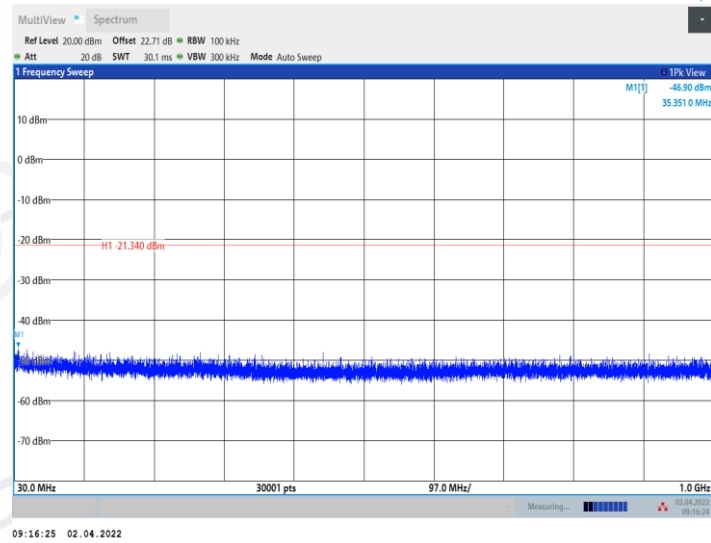
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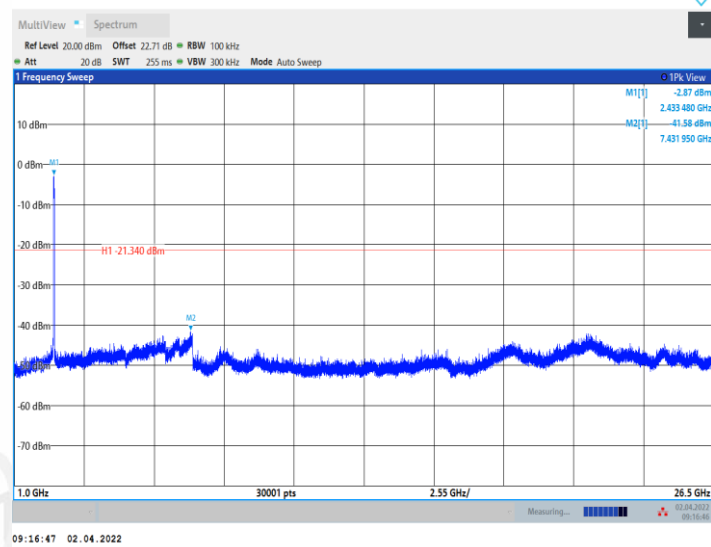
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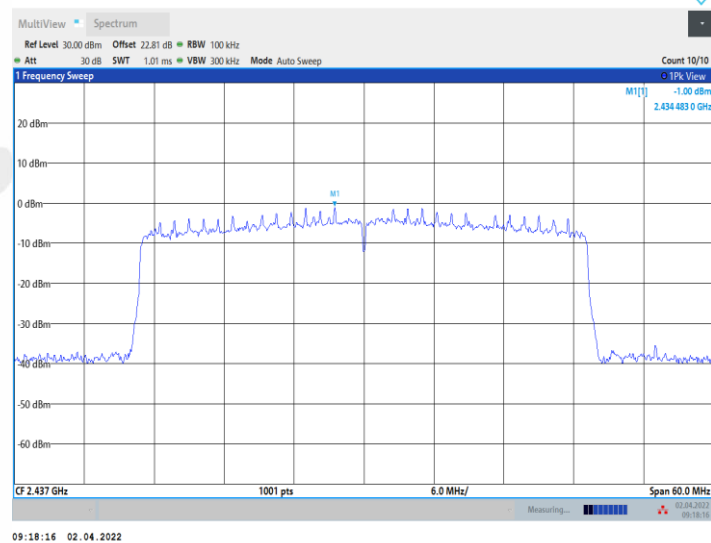
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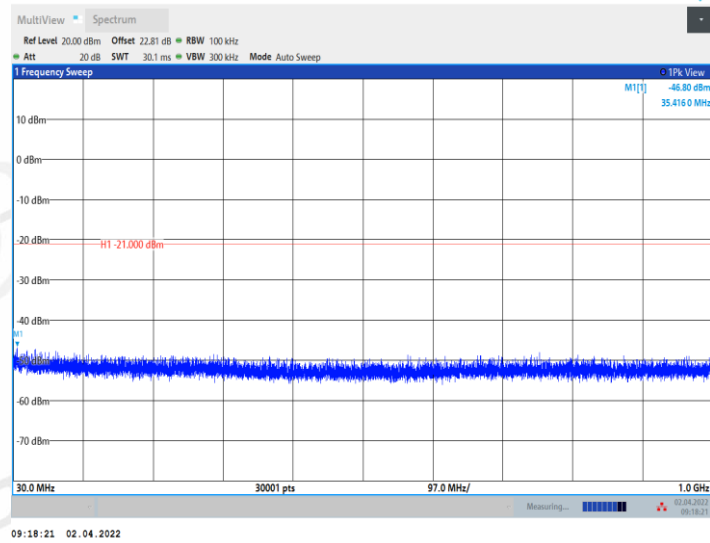
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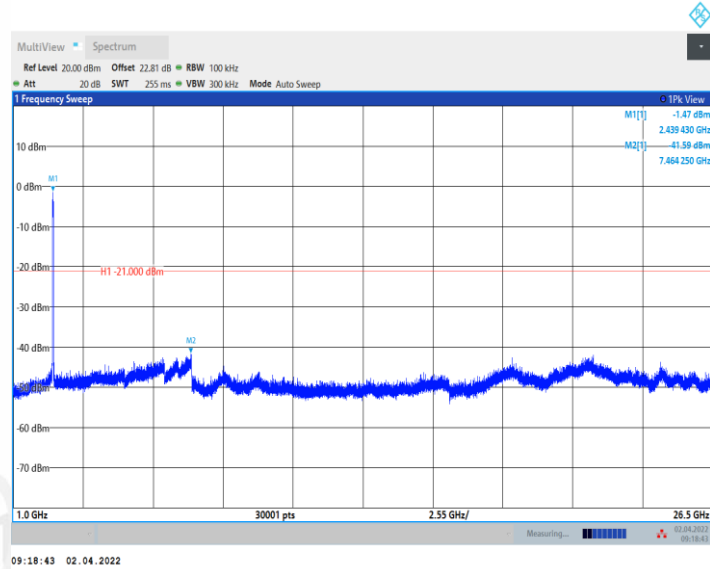
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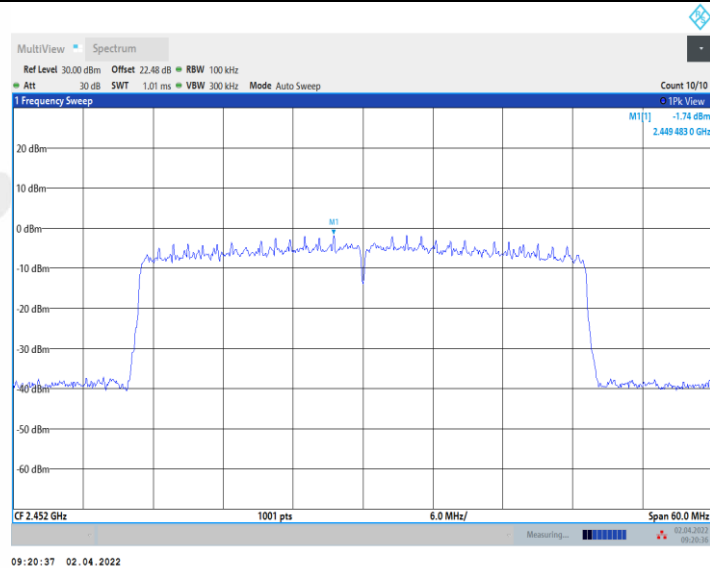
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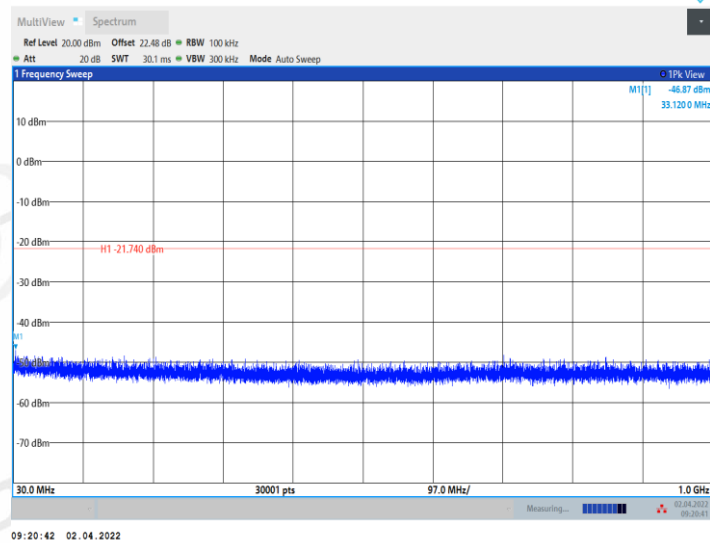
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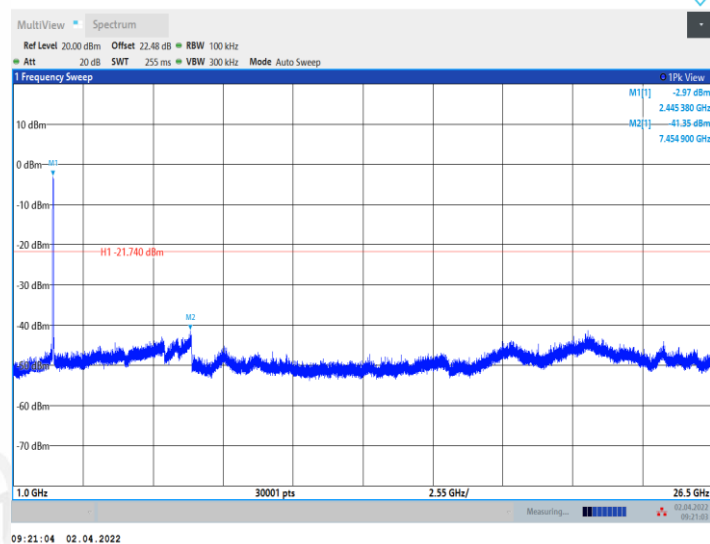
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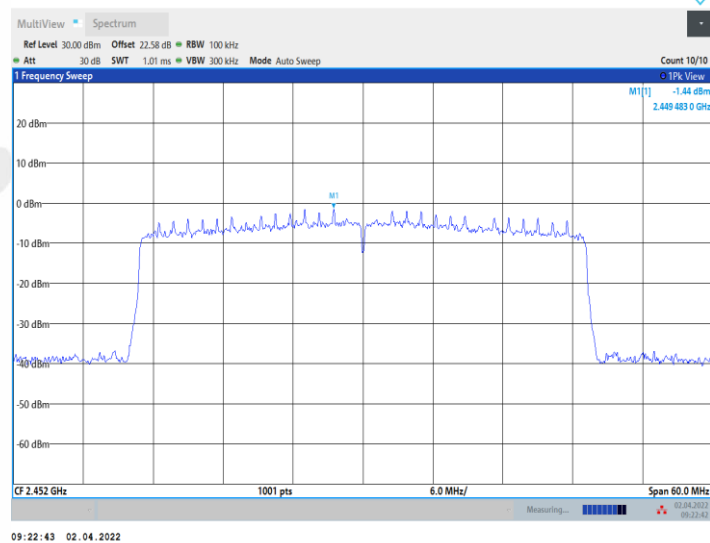
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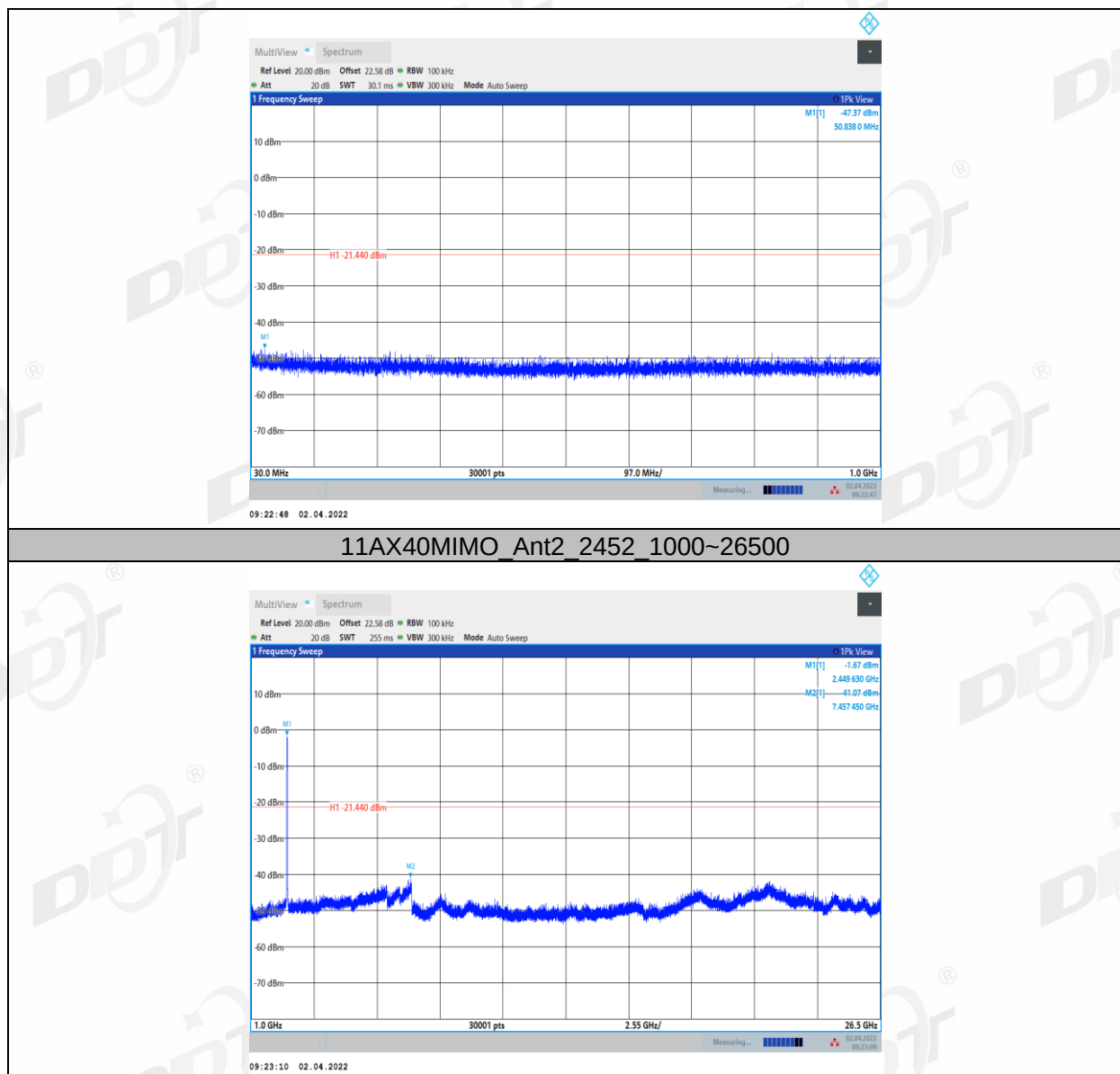
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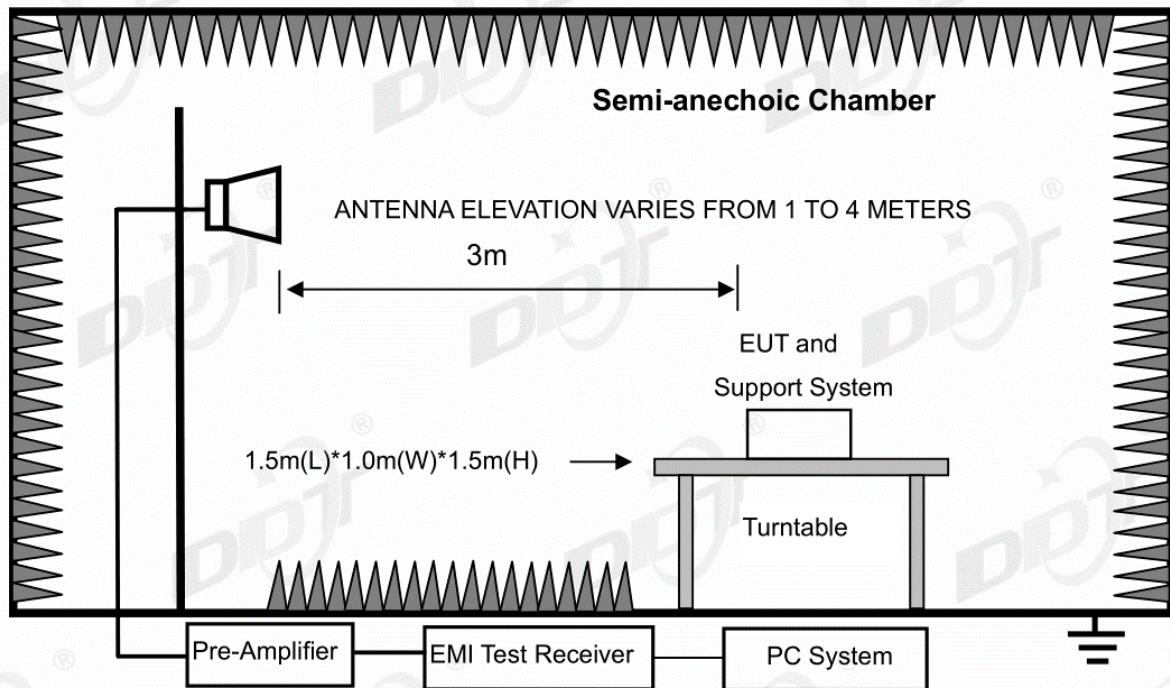


11AX40MIMO_Ant2_2452_30~1000



10. Radiated Band Edge Compliance

10.1. Block diagram of test setup



10.2. Limit

All restricted frequency bands shall not exceed the limits shown in 15.209, all the other emissions outside operation frequency band 2400 MHz to 2483.5 MHz shall be at least 20dB below the fundamental emissions or comply with RSS-Gen Issue 3 clause 7.2.5 (Same as FCC 15.209) limits.

10.3. Test procedure

Same with clause 8.3 except change investigated frequency range from 2310 MHz to 2430 MHz and 2445 MHz to 2500 MHz.

Remark: For 802.11ax, according exploratory explorer test, when the RU SIZE is larger, the Radiated Band Edge is worse, so the SU mode is shown in report.

10.4. Test result

Pass. (See below detailed test result)

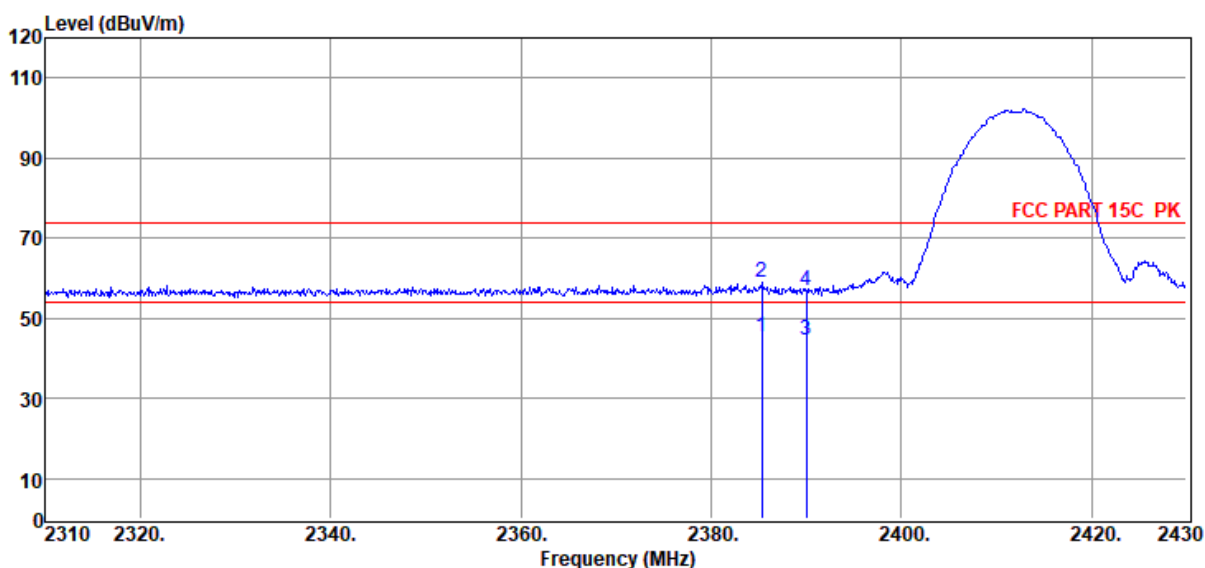
TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

D:\E3 6.111\2022 Report Data\Q21123117-2E BAR 800\FCC ABOVE 1G 2.4G.EM6

Test Date : 2022-03-25**Tested By** : James Gan**EUT** : Multi-Channel Soundbar with wireless subwoofer**Model Number** : BAR 800**Power Supply** : AC 120V/60Hz**Test Mode** : TX Mode**Condition** : Temp:24.5°C,Humi:55%,Press:100.1kPa**Antenna/Distance** : 2021 BBHA 9120D
3#/3m/HORIZONTAL**Memo** : 11B 2412 ANT1

Data: 1



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2385.36	34.97	27.39	39.59	1.71	0.72	45.20	54.00	-8.80	Average	HORIZONTAL
2	2385.36	48.75	27.39	39.59	1.71	0.72	58.98	74.00	-15.02	Peak	HORIZONTAL
3	2390.04	34.38	27.40	39.60	1.71	0.72	44.61	54.00	-9.39	Average	HORIZONTAL
4	2390.04	46.53	27.40	39.60	1.71	0.72	56.76	74.00	-17.24	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

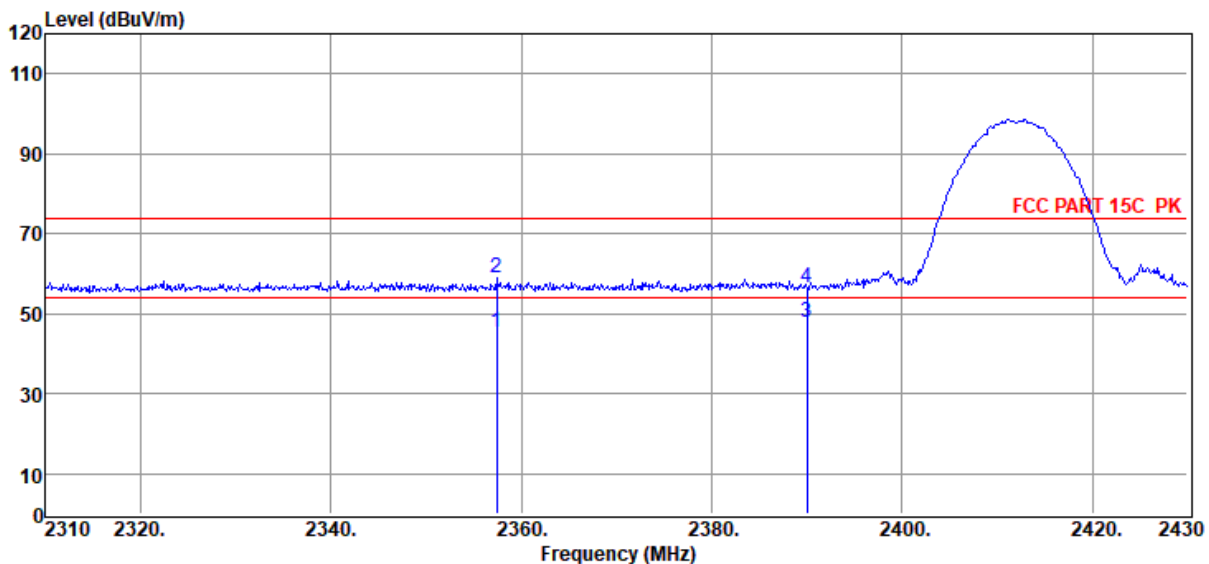
TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#
Test Date : 2022-03-25
EUT : Multi-Channel Soundbar with wireless subwoofer
Power Supply : AC 120V/60Hz
Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa
Memo : 11B 2412 ANT1

Tested By : James Gan
Model Number : BAR 800
Test Mode : TX Mode
Antenna/Distance : 2021 BBHA 9120D 3#/3m/VERTICAL

D:\E3 6.111\2022 Report Data\Q21123117-2E BAR 800\FCC ABOVE 1G 2.4G.EM6

Data: 2



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2357.40	35.16	27.34	39.58	1.70	0.72	45.34	54.00	-8.66	Average	VERTICAL
2	2357.40	48.66	27.34	39.58	1.70	0.72	58.84	74.00	-15.16	Peak	VERTICAL
3	2390.04	37.59	27.40	39.60	1.71	0.72	47.82	54.00	-6.18	Average	VERTICAL
4	2390.04	46.23	27.40	39.60	1.71	0.72	56.46	74.00	-17.54	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

D:\E3 6.111\2022 Report Data\Q21123117-2E BAR 800\FCC ABOVE 1G 2.4G.EM6

Test Date : 2022-03-25

Tested By : James Gan

EUT : Multi-Channel Soundbar with wireless subwoofer

Model Number : BAR 800

Power Supply : AC 120V/60Hz

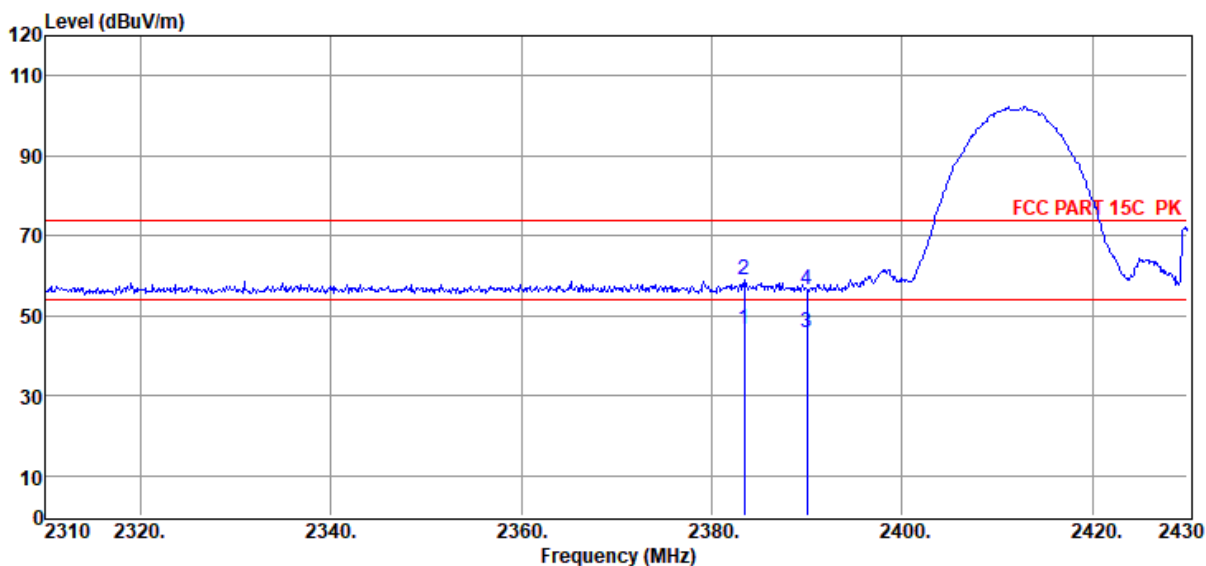
Test Mode : TX Mode

Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa

Antenna/Distance : 2021 BBHA 9120D
3#/3m/HORIZONTAL

Memo : 11B 2412 ANT2

Data: 3



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2383.44	36.22	27.39	39.59	1.71	0.72	46.45	54.00	-7.55	Average	HORIZONTAL
2	2383.44	48.55	27.39	39.59	1.71	0.72	58.78	74.00	-15.22	Peak	HORIZONTAL
3	2390.04	35.58	27.40	39.60	1.71	0.72	45.81	54.00	-8.19	Average	HORIZONTAL
4	2390.04	46.35	27.40	39.60	1.71	0.72	56.58	74.00	-17.42	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

D:\E3 6.111\2022 Report Data\Q21123117-2E BAR 800\FCC ABOVE 1G 2.4G.EM6

Test Date : 2022-03-25

Tested By : James Gan

EUT : Multi-Channel Soundbar with wireless subwoofer

Model Number : BAR 800

Power Supply : AC 120V/60Hz

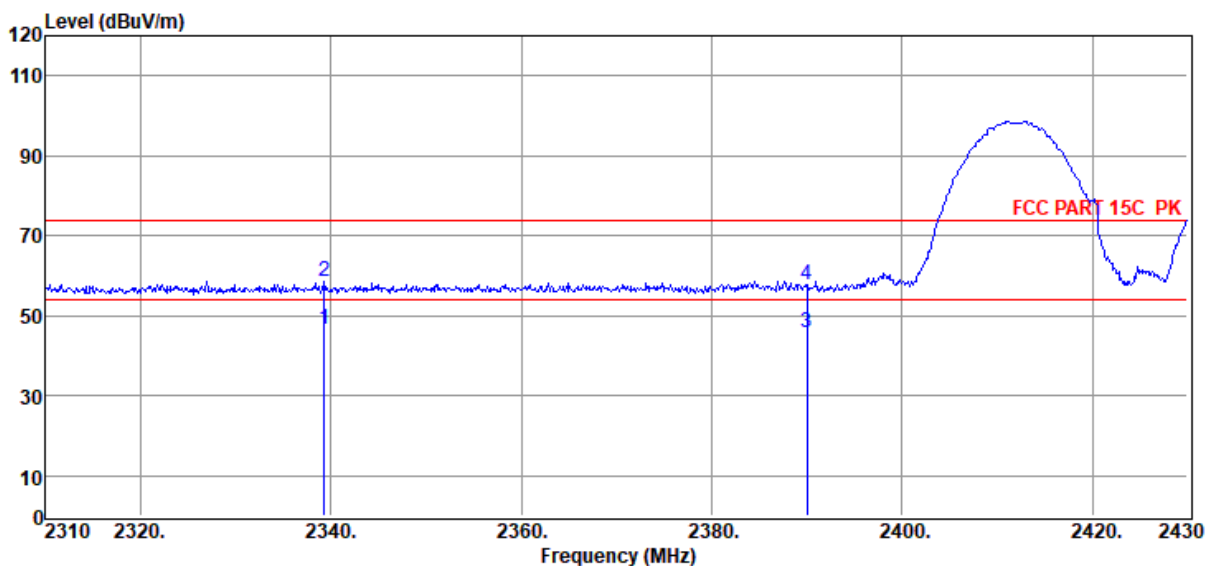
Test Mode : TX Mode

Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa

Antenna/Distance : 2021 BBHA 9120D 3#/3m/VERTICAL

Memo : 11B 2412 ANT2

Data: 4



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2339.28	36.39	27.31	39.57	1.69	0.72	46.54	54.00	-7.46	Average	VERTICAL
2	2339.28	48.51	27.31	39.57	1.69	0.72	58.66	74.00	-15.34	Peak	VERTICAL
3	2390.04	35.60	27.40	39.60	1.71	0.72	45.83	54.00	-8.17	Average	VERTICAL
4	2390.04	47.31	27.40	39.60	1.71	0.72	57.54	74.00	-16.46	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

D:\E3 6.111\2022 Report Data\Q21123117-2E BAR 800\FCC ABOVE 1G 2.4G.EM6

Test Date : 2022-03-25

Tested By : James Gan

EUT : Multi-Channel Soundbar with wireless subwoofer

Model Number : BAR 800

Power Supply : AC 120V/60Hz

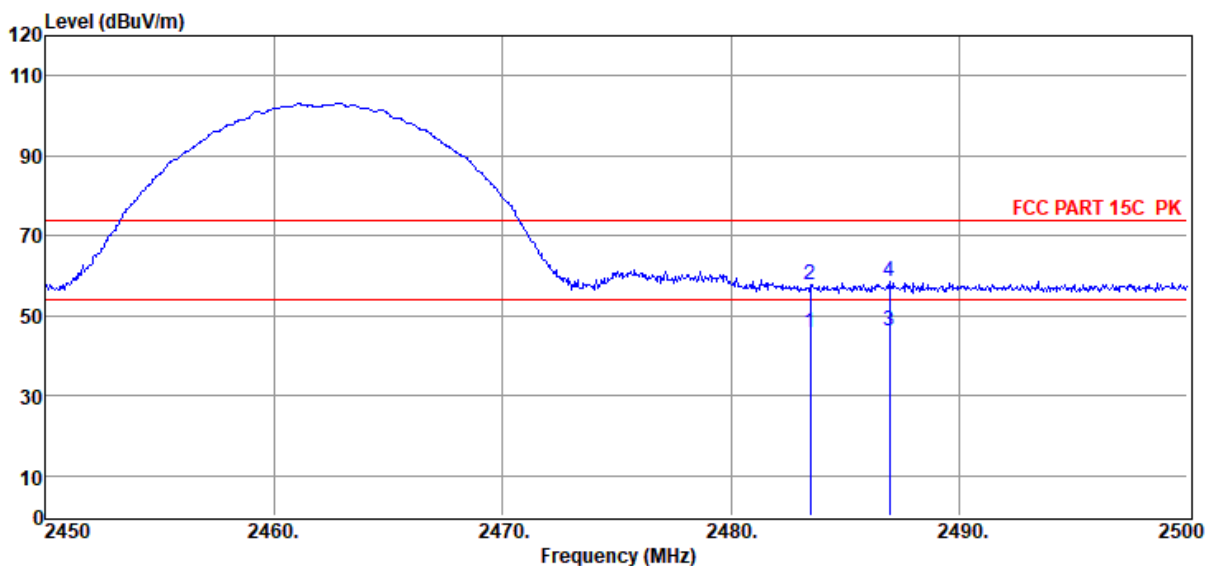
Test Mode : TX Mode

Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa

Antenna/Distance : 2021 BBHA 9120D
3#/3m/HORIZONTAL

Memo : 11B 2462 ANT1

Data: 5



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2483.50	35.27	27.57	39.64	1.74	0.73	45.67	54.00	-8.33	Average	HORIZONTAL
2	2483.50	47.18	27.57	39.64	1.74	0.73	57.58	74.00	-16.42	Peak	HORIZONTAL
3	2486.95	35.73	27.58	39.64	1.74	0.73	46.14	54.00	-7.86	Average	HORIZONTAL
4	2486.95	48.35	27.58	39.64	1.74	0.73	58.76	74.00	-15.24	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

D:\E3 6.111\2022 Report Data\Q21123117-2E BAR 800\FCC ABOVE 1G 2.4G.EM6

Test Date : 2022-03-25

Tested By : James Gan

EUT : Multi-Channel Soundbar with wireless subwoofer

Model Number : BAR 800

Power Supply : AC 120V/60Hz

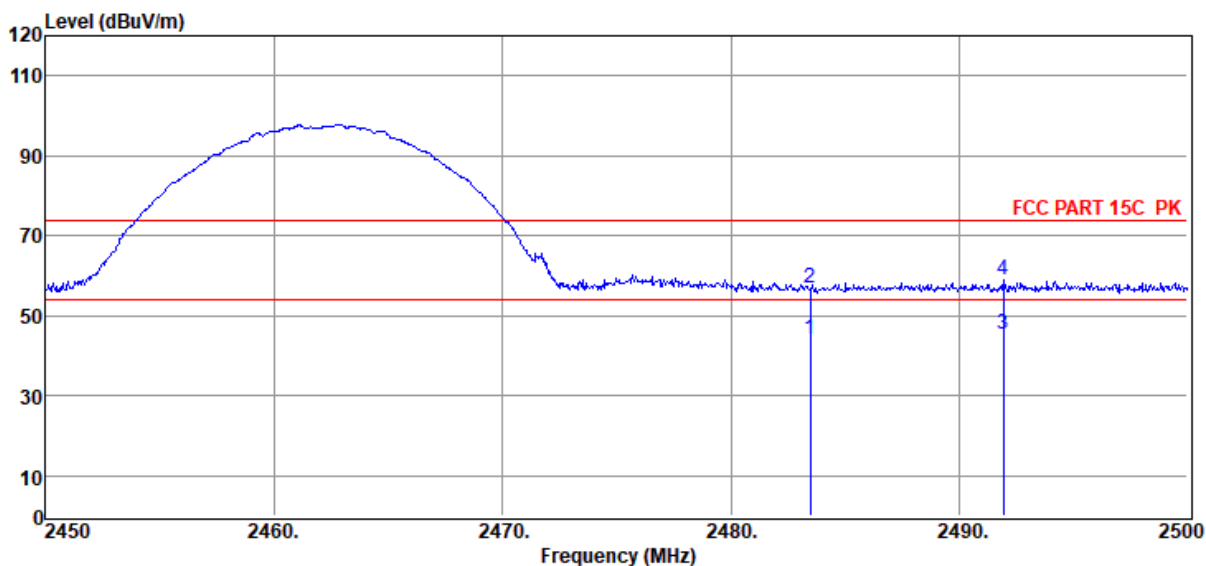
Test Mode : TX Mode

Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa

Antenna/Distance : 2021 BBHA 9120D 3#/3m/VERTICAL

Memo : 11B 2462 ANT1

Data: 6



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2483.50	33.73	27.57	39.64	1.74	0.73	44.13	54.00	-9.87	Average	VERTICAL
2	2483.50	46.37	27.57	39.64	1.74	0.73	56.77	74.00	-17.23	Peak	VERTICAL
3	2491.95	35.09	27.59	39.65	1.74	0.73	45.50	54.00	-8.50	Average	VERTICAL
4	2491.95	48.67	27.59	39.65	1.74	0.73	59.08	74.00	-14.92	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

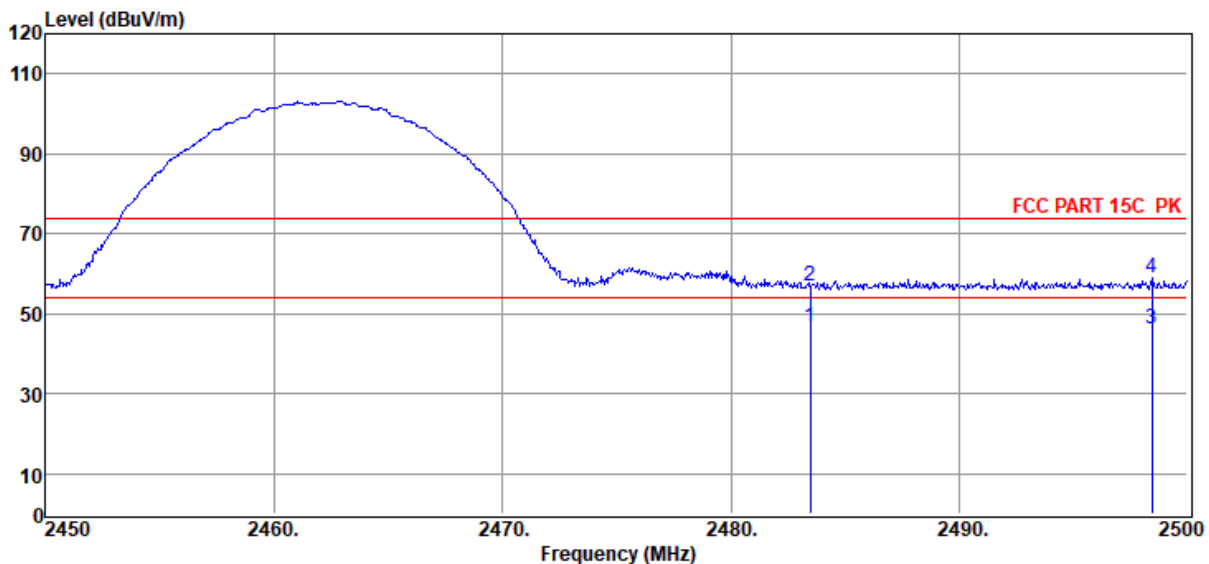
TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#
Test Date : 2022-03-25
EUT : Multi-Channel Soundbar with wireless subwoofer
Power Supply : AC 120V/60Hz
Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa
Memo : 11B 2462 ANT2

Tested By : James Gan
Model Number : BAR 800
Test Mode : TX Mode
Antenna/Distance : 2021 BBHA 9120D
 3#/3m/HORIZONTAL

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Data: 7



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2483.50	36.38	27.57	39.64	1.74	0.73	46.78	54.00	-7.22	Average	HORIZONTAL
2	2483.50	46.68	27.57	39.64	1.74	0.73	57.08	74.00	-16.92	Peak	HORIZONTAL
3	2498.45	35.62	27.60	39.65	1.74	0.73	46.04	54.00	-7.96	Average	HORIZONTAL
4	2498.45	48.59	27.60	39.65	1.74	0.73	59.01	74.00	-14.99	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

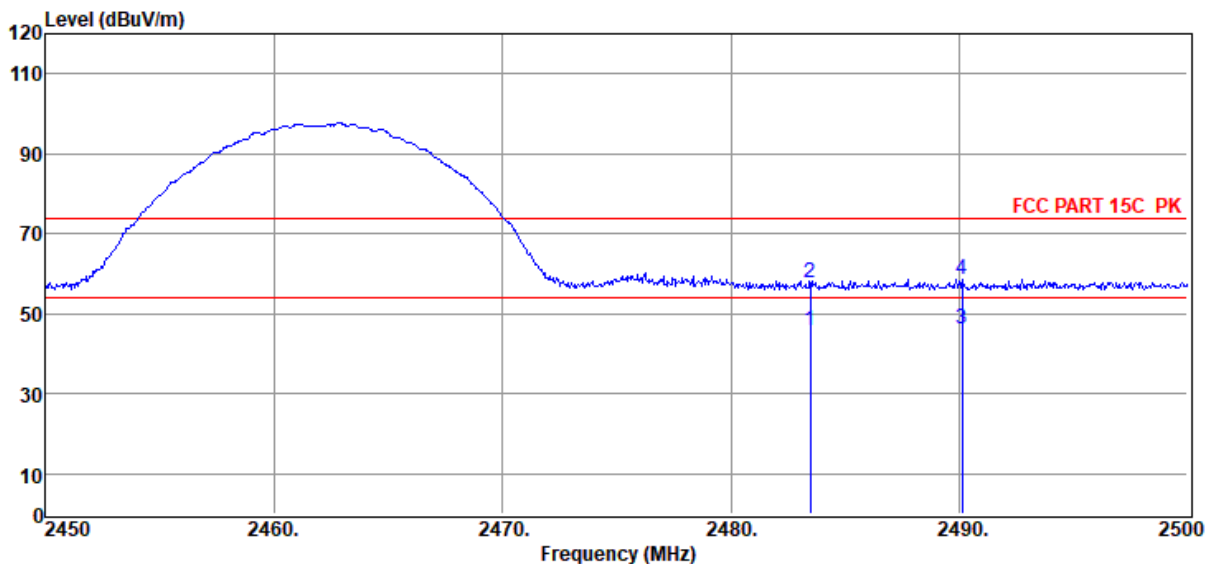
TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#
Test Date : 2022-03-25
EUT : Multi-Channel Soundbar with wireless subwoofer
Power Supply : AC 120V/60Hz
Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa
Memo : 11B 2462 ANT2

Tested By : James Gan
Model Number : BAR 800
Test Mode : TX Mode
Antenna/Distance : 2021 BBHA 9120D 3#/3m/VERTICAL

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Data: 8



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2483.50	35.36	27.57	39.64	1.74	0.73	45.76	54.00	-8.24	Average	VERTICAL
2	2483.50	47.27	27.57	39.64	1.74	0.73	57.67	74.00	-16.33	Peak	VERTICAL
3	2490.15	35.89	27.58	39.65	1.74	0.73	46.29	54.00	-7.71	Average	VERTICAL
4	2490.15	48.26	27.58	39.65	1.74	0.73	58.66	74.00	-15.34	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

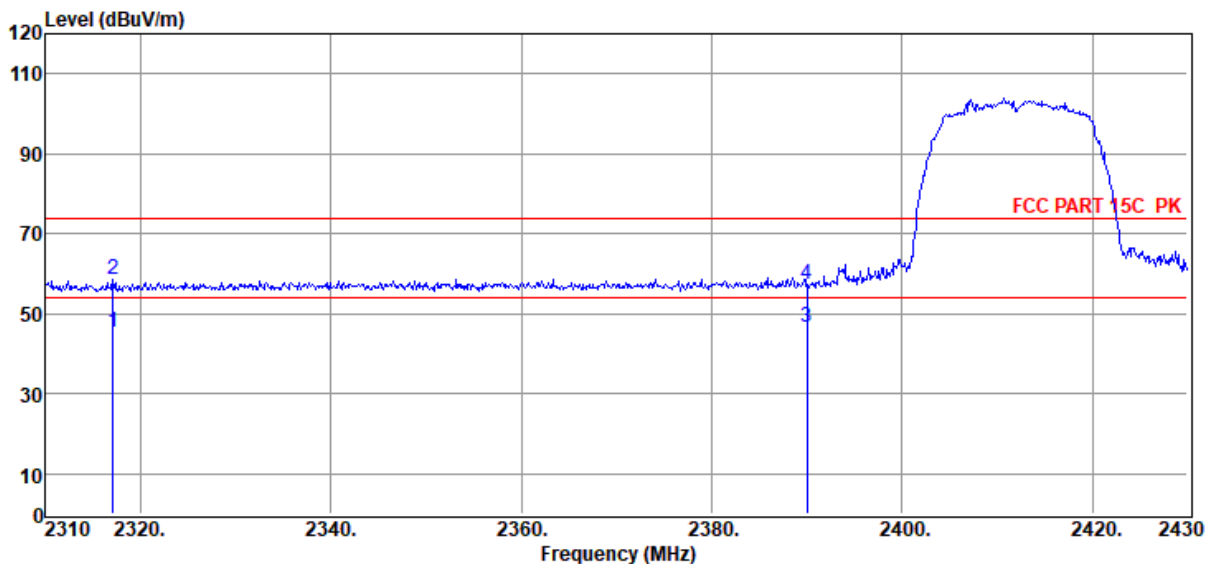
TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#
Test Date : 2022-03-25
EUT : Multi-Channel Soundbar with wireless subwoofer
Power Supply : AC 120V/60Hz
Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa
Memo : 11G 2412 ANT1

Tested By : James Gan
Model Number : BAR 800
Test Mode : TX Mode
Antenna/Distance : 2021 BBHA 9120D
 3#/3m/HORIZONTAL

D:\E3 6.111\2022 Report Data\Q21123117-2E BAR 800\FCC ABOVE 1G 2.4G.EM6

Data: 9



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2317.08	35.15	27.27	39.56	1.69	0.71	45.26	54.00	-8.74	Average	HORIZONTAL
2	2317.08	48.59	27.27	39.56	1.69	0.71	58.70	74.00	-15.30	Peak	HORIZONTAL
3	2390.04	36.24	27.40	39.60	1.71	0.72	46.47	54.00	-7.53	Average	HORIZONTAL
4	2390.04	47.28	27.40	39.60	1.71	0.72	57.51	74.00	-16.49	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

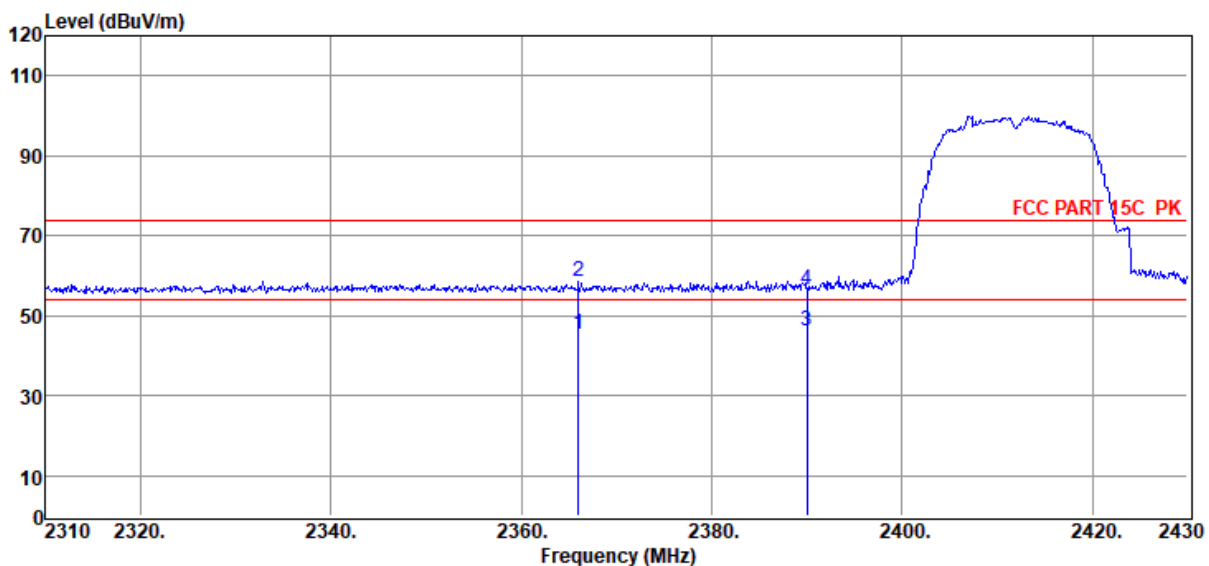
TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

D:\E3 6.111\2022 Report Data\Q21123117-2E BAR 800\FCC ABOVE 1G 2.4G.EM6

Test Date : 2022-03-25**Tested By** : James Gan**EUT** : Multi-Channel Soundbar with wireless subwoofer**Model Number** : BAR 800**Power Supply** : AC 120V/60Hz**Test Mode** : TX Mode**Condition** : Temp:24.5°C,Humi:55%,Press:100.1kPa**Antenna/Distance** : 2021 BBHA 9120D 3#/3m/VERTICAL**Memo** : 11G 2412 ANT1

Data: 10



Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	2366.04	35.21	27.36	39.58	1.70	0.72	45.41	54.00	-8.59	Average	VERTICAL
2	2366.04	48.28	27.36	39.58	1.70	0.72	58.48	74.00	-15.52	Peak	VERTICAL
3	2390.04	35.87	27.40	39.60	1.71	0.72	46.10	54.00	-7.90	Average	VERTICAL
4	2390.04	46.15	27.40	39.60	1.71	0.72	56.38	74.00	-17.62	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

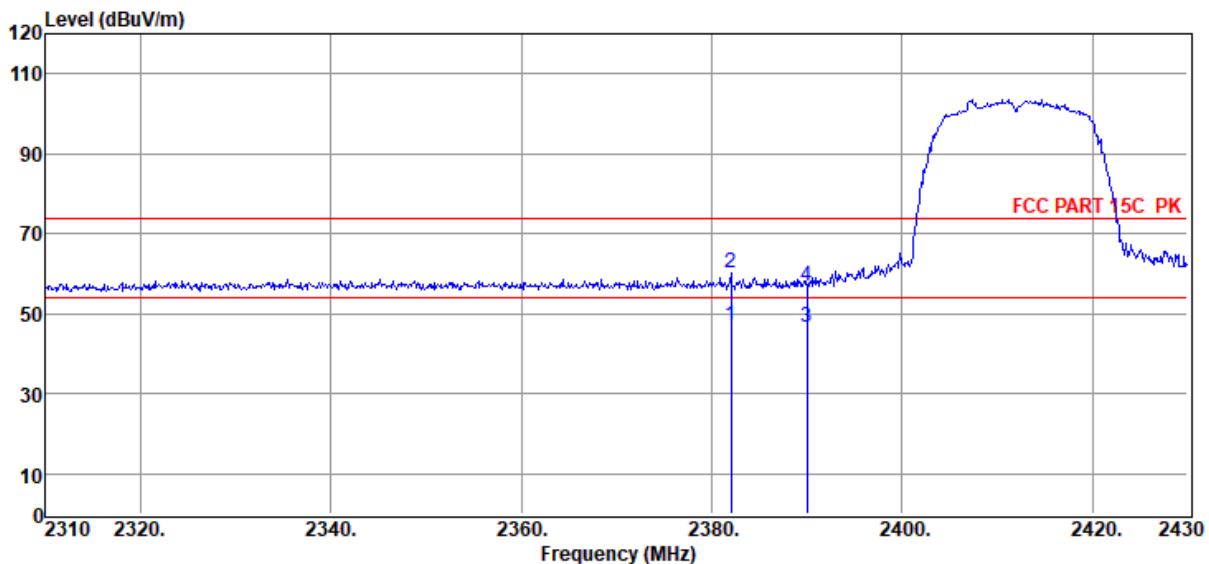
TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#
Test Date : 2022-03-25
EUT : Multi-Channel Soundbar with wireless subwoofer
Power Supply : AC 120V/60Hz
Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa
Memo : 11G 2412 ANT2

Tested By : James Gan
Model Number : BAR 800
Test Mode : TX Mode
Antenna/Distance : 2021 BBHA 9120D
 3#/3m/HORIZONTAL

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Data: 11



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2382.00	36.91	27.39	39.59	1.71	0.72	47.14	54.00	-6.86	Average	HORIZONTAL
2	2382.00	49.95	27.39	39.59	1.71	0.72	60.18	74.00	-13.82	Peak	HORIZONTAL
3	2390.04	36.19	27.40	39.60	1.71	0.72	46.42	54.00	-7.58	Average	HORIZONTAL
4	2390.04	46.86	27.40	39.60	1.71	0.72	57.09	74.00	-16.91	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

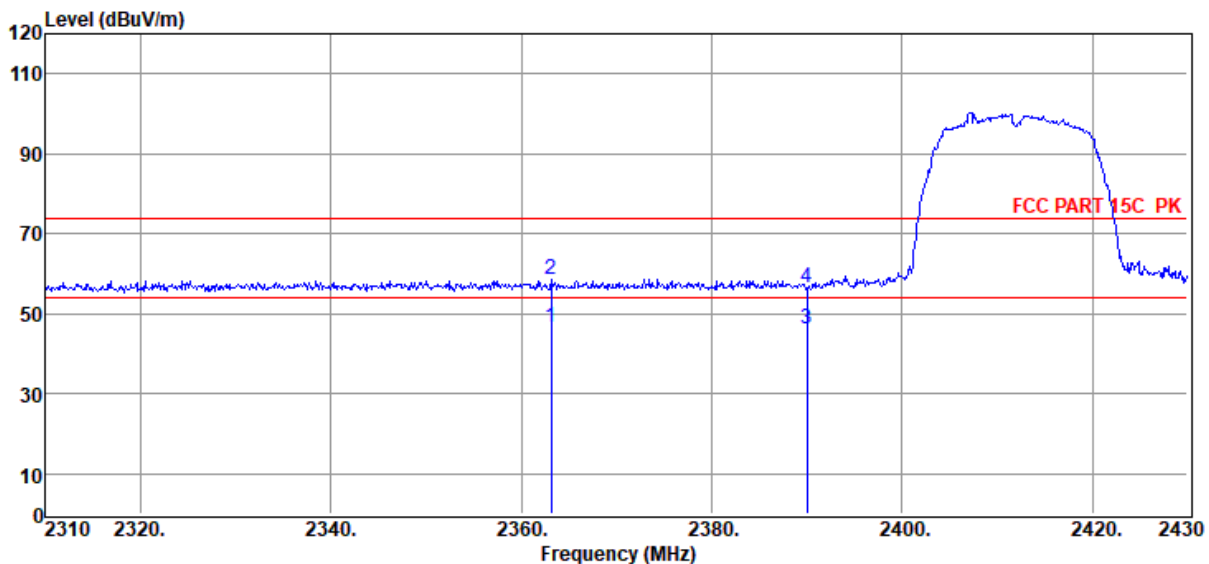
TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#
Test Date : 2022-03-25
EUT : Multi-Channel Soundbar with wireless subwoofer
Power Supply : AC 120V/60Hz
Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa
Memo : 11G 2412 ANT2

Tested By : James Gan
Model Number : BAR 800
Test Mode : TX Mode
Antenna/Distance : 2021 BBHA 9120D 3#/3m/VERTICAL

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Data: 12



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2363.16	36.27	27.35	39.58	1.70	0.72	46.46	54.00	-7.54	Average	VERTICAL
2	2363.16	48.55	27.35	39.58	1.70	0.72	58.74	74.00	-15.26	Peak	VERTICAL
3	2390.04	35.77	27.40	39.60	1.71	0.72	46.00	54.00	-8.00	Average	VERTICAL
4	2390.04	46.25	27.40	39.60	1.71	0.72	56.48	74.00	-17.52	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

D:\E3 6.111\2022 Report Data\Q21123117-2E BAR 800\FCC ABOVE 1G 2.4G.EM6

Test Date : 2022-03-25

Tested By : James Gan

EUT : Multi-Channel Soundbar with wireless subwoofer

Model Number : BAR 800

Power Supply : AC 120V/60Hz

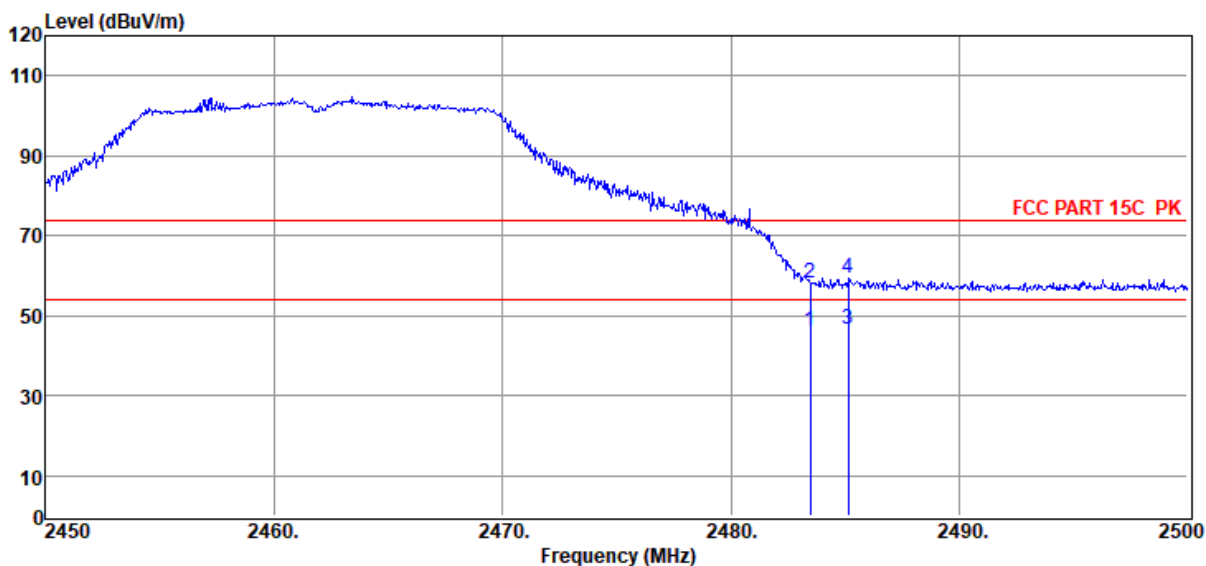
Test Mode : TX Mode

Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa

Antenna/Distance : 2021 BBHA 9120D
3#/3m/HORIZONTAL

Memo : 11G 2462 ANT1

Data: 13



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2483.50	35.69	27.57	39.64	1.74	0.73	46.09	54.00	-7.91	Average	HORIZONTAL
2	2483.50	47.79	27.57	39.64	1.74	0.73	58.19	74.00	-15.81	Peak	HORIZONTAL
3	2485.15	36.18	27.57	39.64	1.74	0.73	46.58	54.00	-7.42	Average	HORIZONTAL
4	2485.15	49.17	27.57	39.64	1.74	0.73	59.57	74.00	-14.43	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

D:\E3 6.111\2022 Report Data\Q21123117-2E BAR 800\FCC ABOVE 1G 2.4G.EM6

Test Date : 2022-03-25

Tested By : James Gan

EUT : Multi-Channel Soundbar with wireless subwoofer

Model Number : BAR 800

Power Supply : AC 120V/60Hz

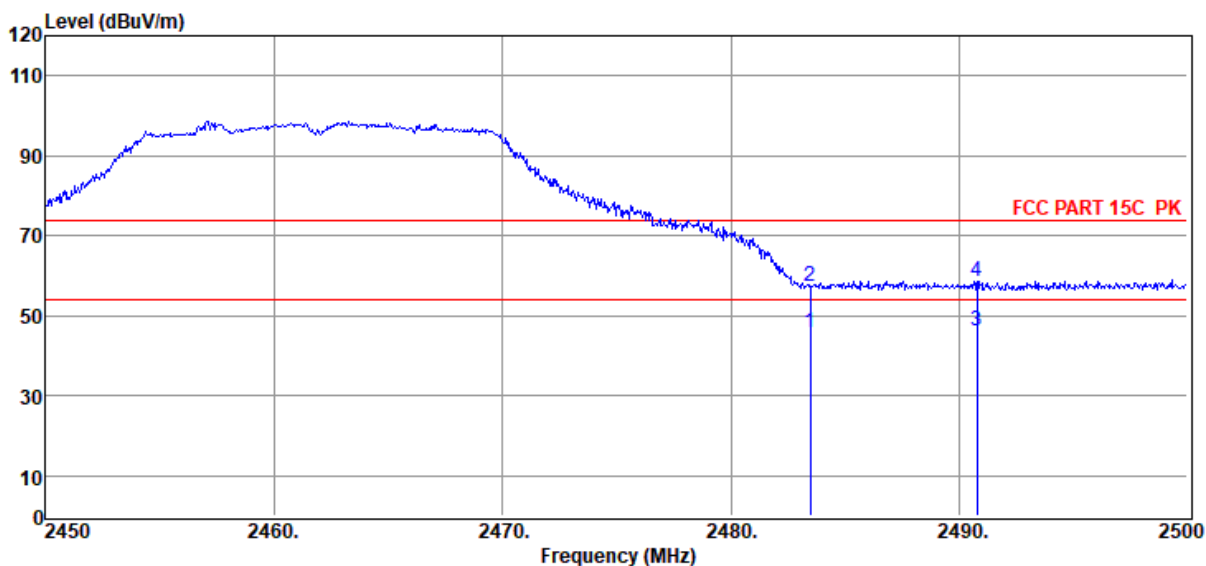
Test Mode : TX Mode

Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa

Antenna/Distance : 2021 BBHA 9120D 3#/3m/VERTICAL

Memo : 11G 2462 ANT1

Data: 14



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2483.50	35.22	27.57	39.64	1.74	0.73	45.62	54.00	-8.38	Average	VERTICAL
2	2483.50	46.94	27.57	39.64	1.74	0.73	57.34	74.00	-16.66	Peak	VERTICAL
3	2490.80	35.74	27.58	39.65	1.74	0.73	46.14	54.00	-7.86	Average	VERTICAL
4	2490.80	48.21	27.58	39.65	1.74	0.73	58.61	74.00	-15.39	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

D:\E3 6.111\2022 Report Data\Q21123117-2E BAR 800\FCC ABOVE 1G 2.4G.EM6

Test Date : 2022-03-25

Tested By : James Gan

EUT : Multi-Channel Soundbar with wireless subwoofer

Model Number : BAR 800

Power Supply : AC 120V/60Hz

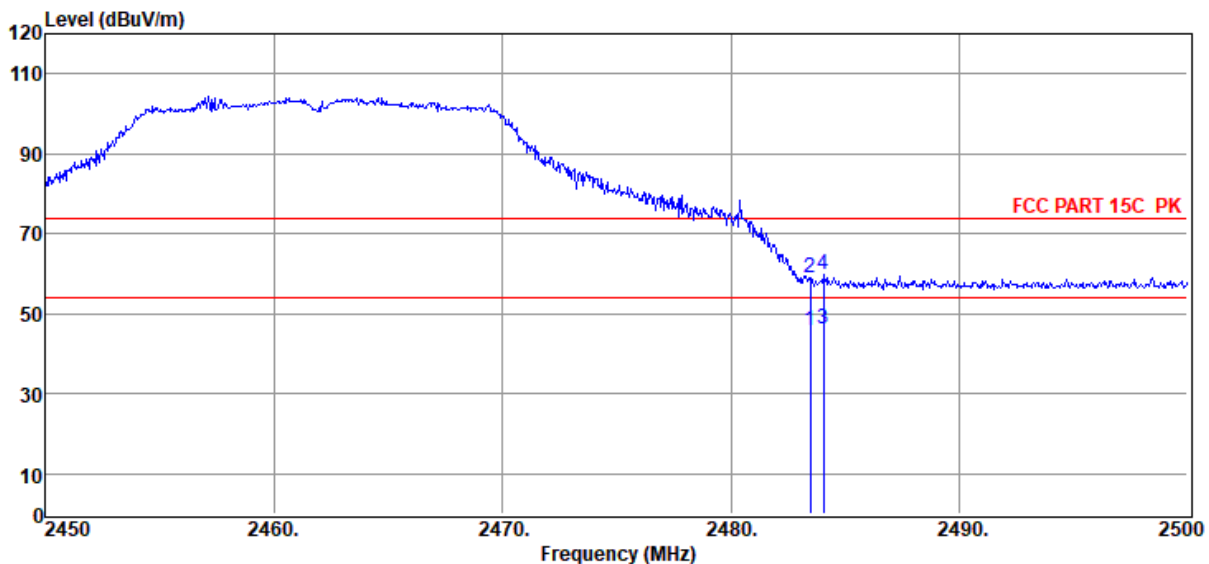
Test Mode : TX Mode

Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa

Antenna/Distance : 2021 BBHA 9120D
3#/3m/HORIZONTAL

Memo : 11G 2462 ANT2

Data: 15



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2483.50	35.55	27.57	39.64	1.74	0.73	45.95	54.00	-8.05	Average	HORIZONTAL
2	2483.50	48.67	27.57	39.64	1.74	0.73	59.07	74.00	-14.93	Peak	HORIZONTAL
3	2484.05	35.83	27.57	39.64	1.74	0.73	46.23	54.00	-7.77	Average	HORIZONTAL
4	2484.05	49.25	27.57	39.64	1.74	0.73	59.65	74.00	-14.35	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

D:\E3 6.111\2022 Report Data\Q21123117-2E BAR 800\FCC ABOVE 1G 2.4G.EM6

Test Date : 2022-03-25

Tested By : James Gan

EUT : Multi-Channel Soundbar with wireless subwoofer

Model Number : BAR 800

Power Supply : AC 120V/60Hz

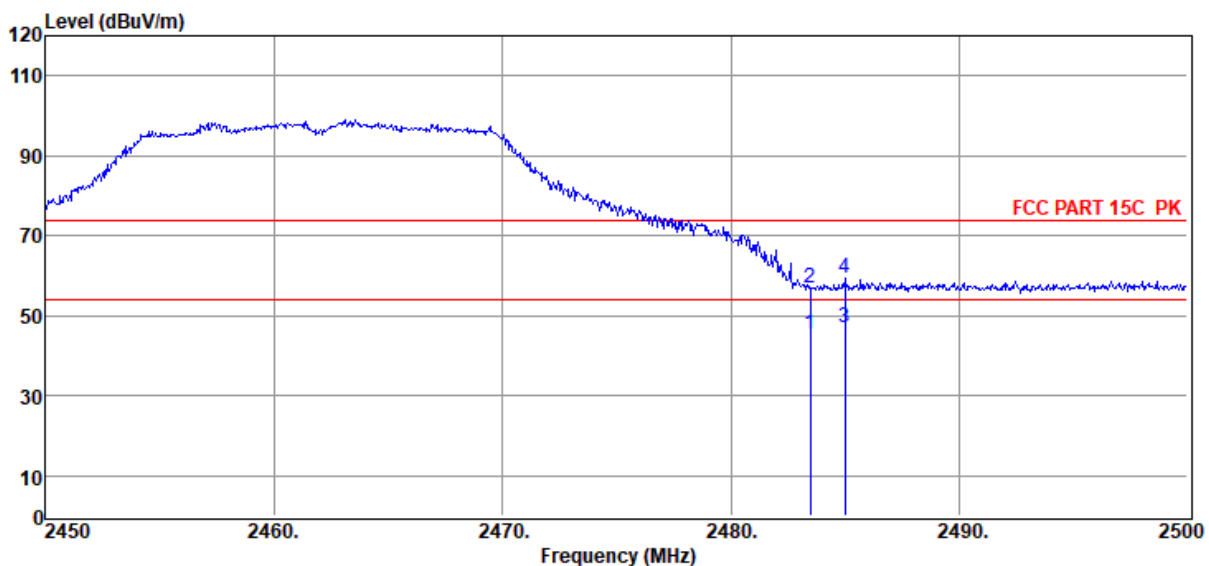
Test Mode : TX Mode

Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa

Antenna/Distance : 2021 BBHA 9120D 3#/3m/VERTICAL

Memo : 11G 2462 ANT2

Data: 16



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2483.50	34.86	27.57	39.64	1.74	0.73	45.26	54.00	-8.74	Average	VERTICAL
2	2483.50	46.60	27.57	39.64	1.74	0.73	57.00	74.00	-17.00	Peak	VERTICAL
3	2485.00	36.43	27.57	39.64	1.74	0.73	46.83	54.00	-7.17	Average	VERTICAL
4	2485.00	48.82	27.57	39.64	1.74	0.73	59.22	74.00	-14.78	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

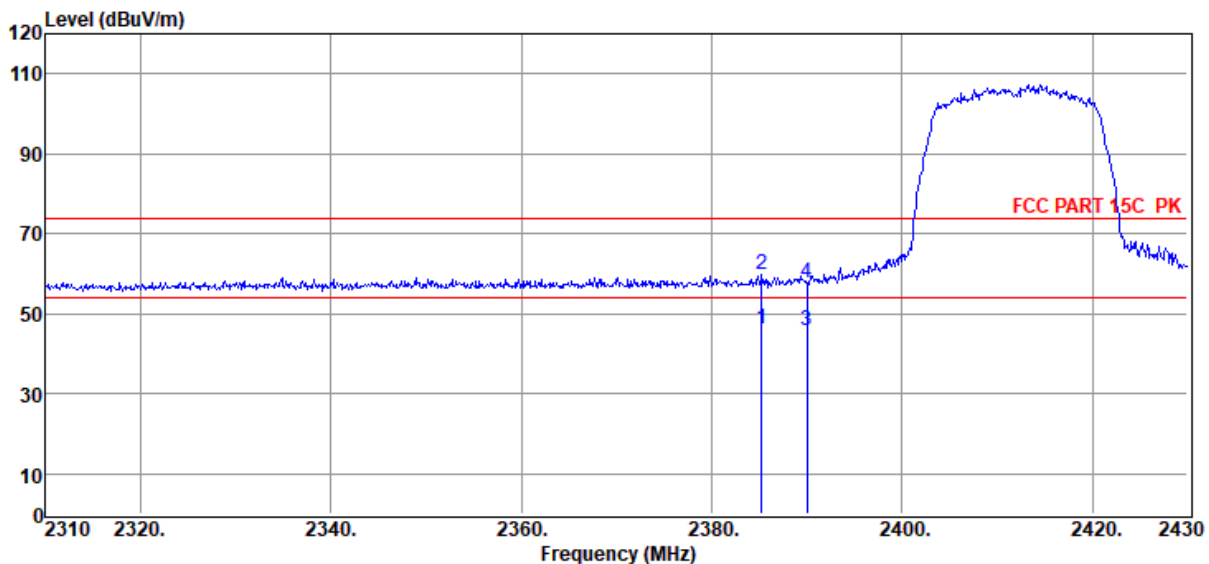
TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#
Test Date : 2022-03-25
EUT : Multi-Channel Soundbar with wireless subwoofer
Power Supply : AC 120V/60Hz
Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa
Memo : 11N20 2412

Tested By : James Gan
Model Number : BAR 800
Test Mode : TX Mode
Antenna/Distance : 2021 BBHA 9120D
 3#/3m/HORIZONTAL

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Data: 17



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2385.24	35.83	27.39	39.59	1.71	0.72	46.06	54.00	-7.94	Average	HORIZONTAL
2	2385.24	49.42	27.39	39.59	1.71	0.72	59.65	74.00	-14.35	Peak	HORIZONTAL
3	2390.04	35.36	27.40	39.60	1.71	0.72	45.59	54.00	-8.41	Average	HORIZONTAL
4	2390.04	47.64	27.40	39.60	1.71	0.72	57.87	74.00	-16.13	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

D:\E3 6.111\2022 Report Data\Q21123117-2E BAR 800\FCC ABOVE 1G 2.4G.EM6

Test Date : 2022-03-25

Tested By : James Gan

EUT : Multi-Channel Soundbar with wireless subwoofer

Model Number : BAR 800

Power Supply : AC 120V/60Hz

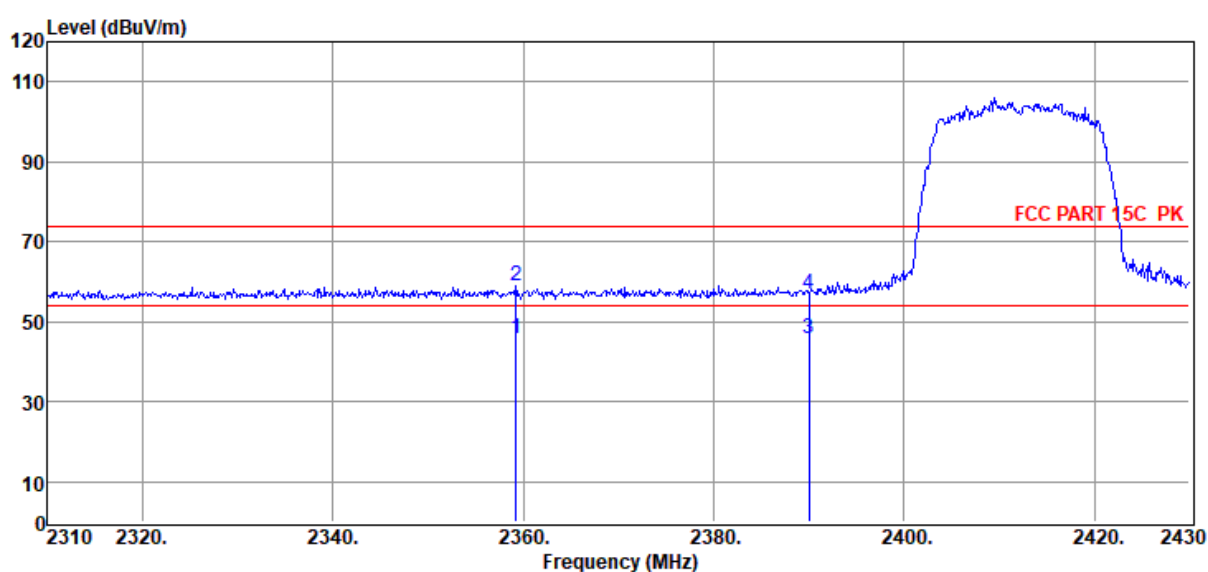
Test Mode : TX Mode

Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa

Antenna/Distance : 2021 BBHA 9120D 3#/3m/VERTICAL

Memo : 11N20 2412

Data: 18



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2359.20	35.79	27.35	39.58	1.70	0.72	45.98	54.00	-8.02	Average	VERTICAL
2	2359.20	48.84	27.35	39.58	1.70	0.72	59.03	74.00	-14.97	Peak	VERTICAL
3	2390.04	35.74	27.40	39.60	1.71	0.72	45.97	54.00	-8.03	Average	VERTICAL
4	2390.04	46.53	27.40	39.60	1.71	0.72	56.76	74.00	-17.24	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

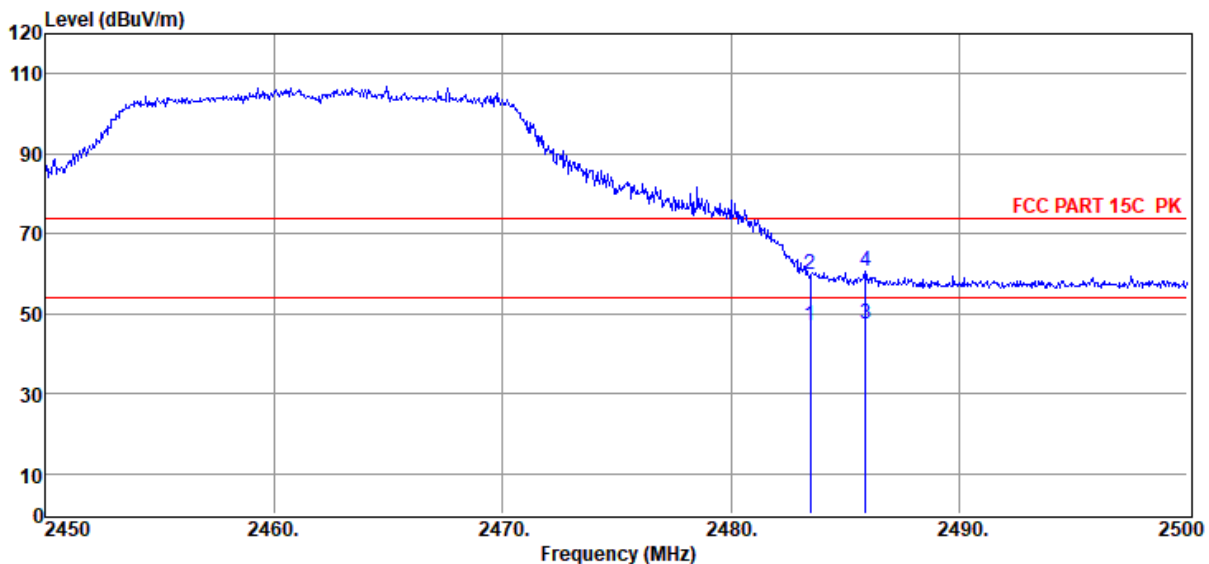
TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#
Test Date : 2022-03-25
EUT : Multi-Channel Soundbar with wireless subwoofer
Power Supply : AC 120V/60Hz
Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa
Memo : 11N20 2462

Tested By : James Gan
Model Number : BAR 800
Test Mode : TX Mode
Antenna/Distance : 2021 BBHA 9120D
 3#/3m/HORIZONTAL

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Data: 19



Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	2483.50	36.75	27.57	39.64	1.74	0.73	47.15	54.00	-6.85	Average	HORIZONTAL
2	2483.50	49.29	27.57	39.64	1.74	0.73	59.69	74.00	-14.31	Peak	HORIZONTAL
3	2485.90	36.99	27.57	39.64	1.74	0.73	47.39	54.00	-6.61	Average	HORIZONTAL
4	2485.90	50.34	27.57	39.64	1.74	0.73	60.74	74.00	-13.26	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

D:\E3 6.111\2022 Report Data\Q21123117-2E BAR 800\FCC ABOVE 1G 2.4G.EM6

Test Date : 2022-04-01

Tested By : James Gan

EUT : Multi-Channel Soundbar with wireless subwoofer

Model Number : BAR 800

Power Supply : AC 120V/60Hz

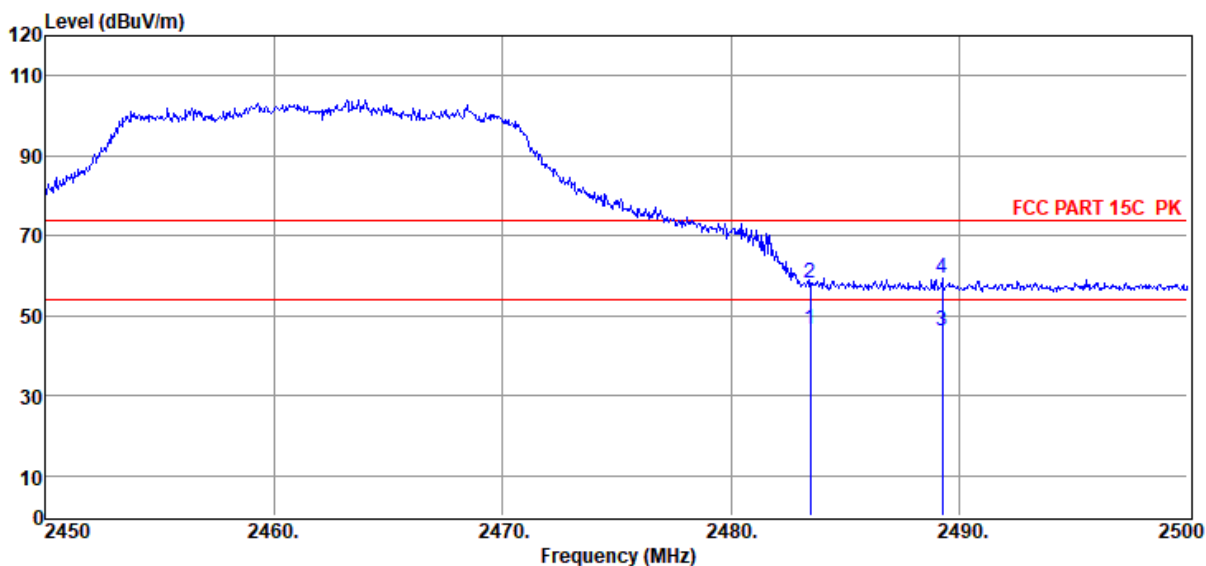
Test Mode : TX Mode

Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa

Antenna/Distance : 2021 BBHA 9120D 3#/3m/VERTICAL

Memo : 11N20 2462

Data: 20



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2483.50	36.21	27.57	39.64	1.74	0.73	46.61	54.00	-7.39	Average	VERTICAL
2	2483.50	47.55	27.57	39.64	1.74	0.73	57.95	74.00	-16.05	Peak	VERTICAL
3	2489.25	35.78	27.58	39.64	1.74	0.73	46.19	54.00	-7.81	Average	VERTICAL
4	2489.25	49.09	27.58	39.64	1.74	0.73	59.50	74.00	-14.50	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.