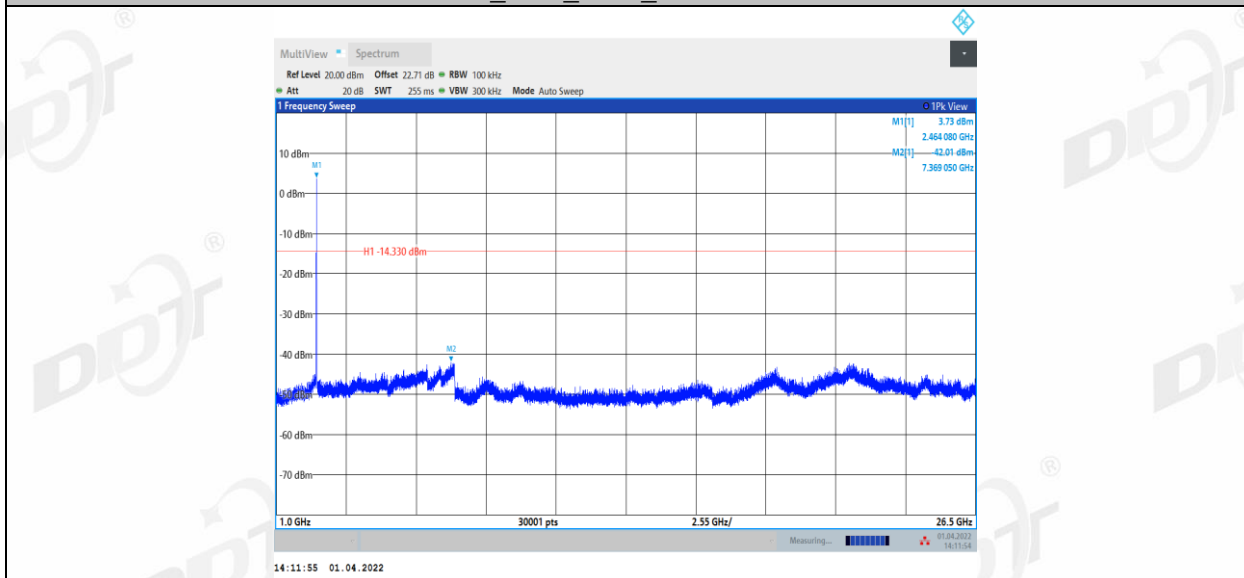
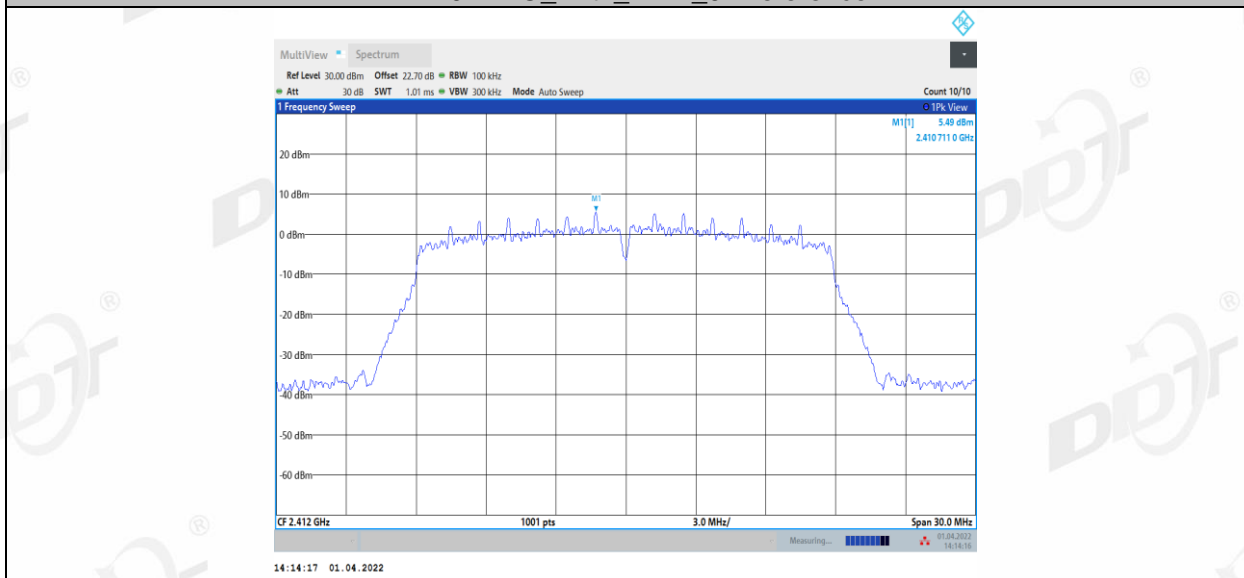


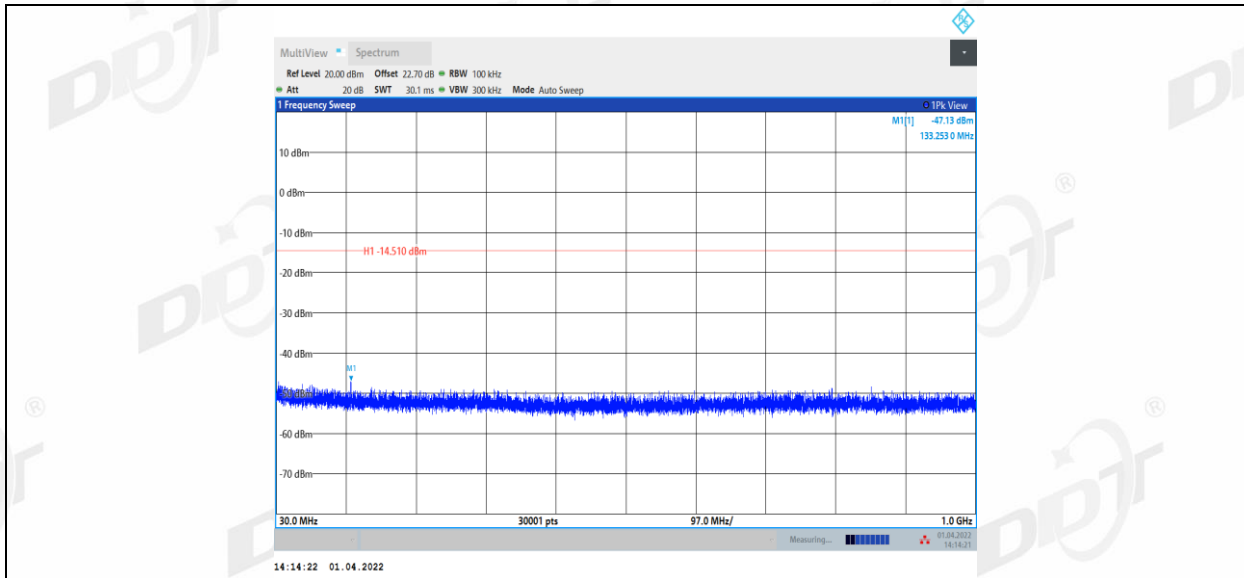
11G_Ant2_2462_1000~26500



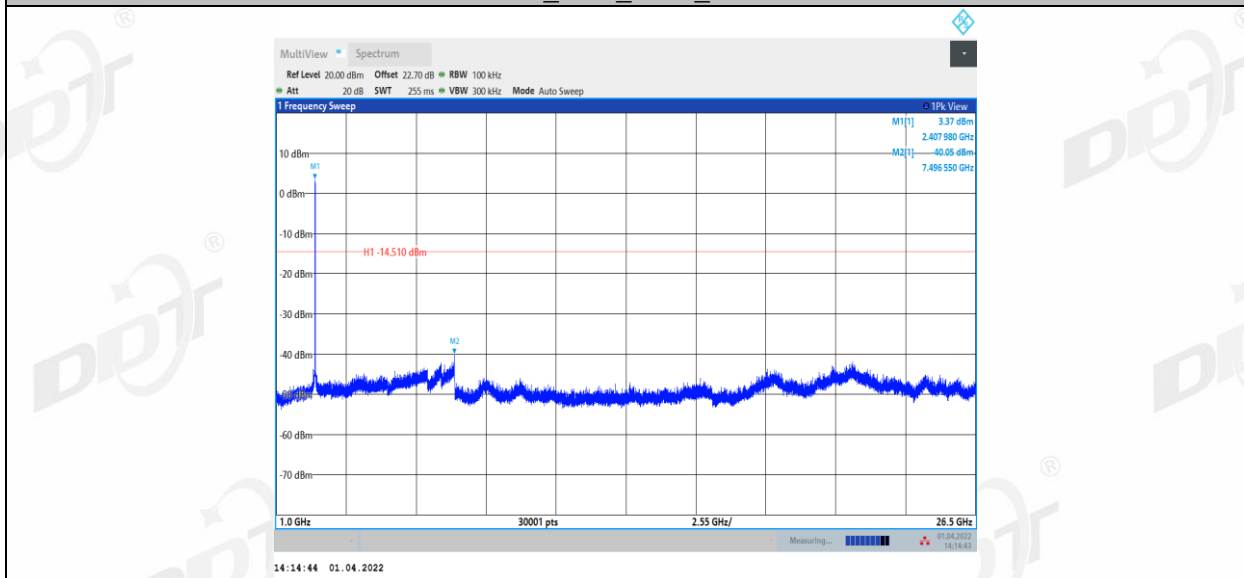
11N20MIMO_Ant1_2412_0~Reference



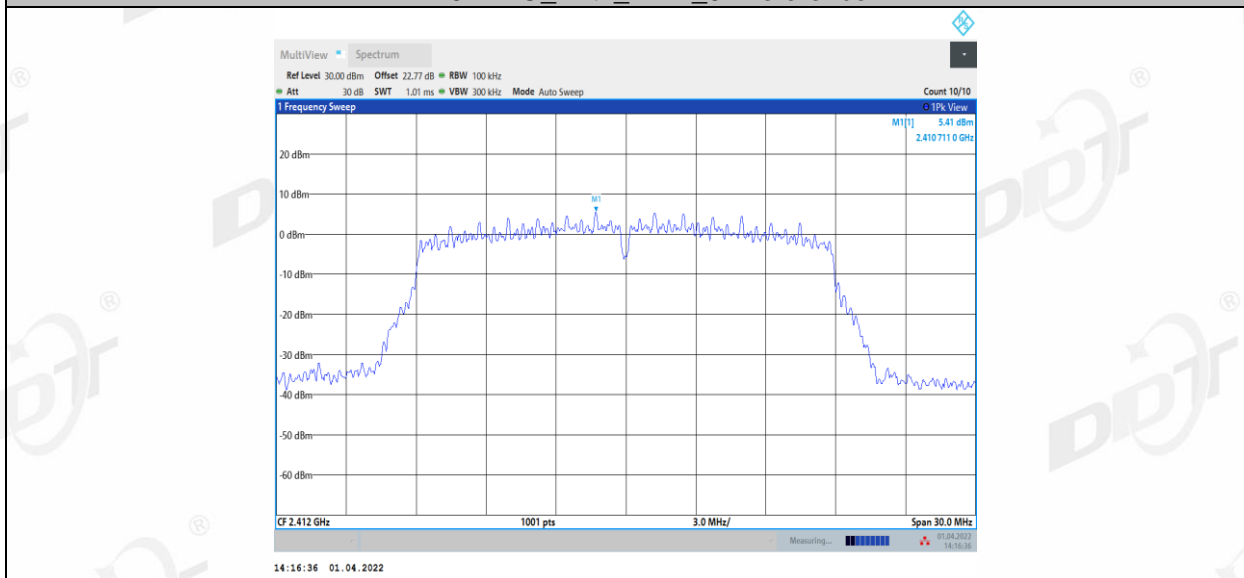
11N20MIMO_Ant1_2412_30~1000



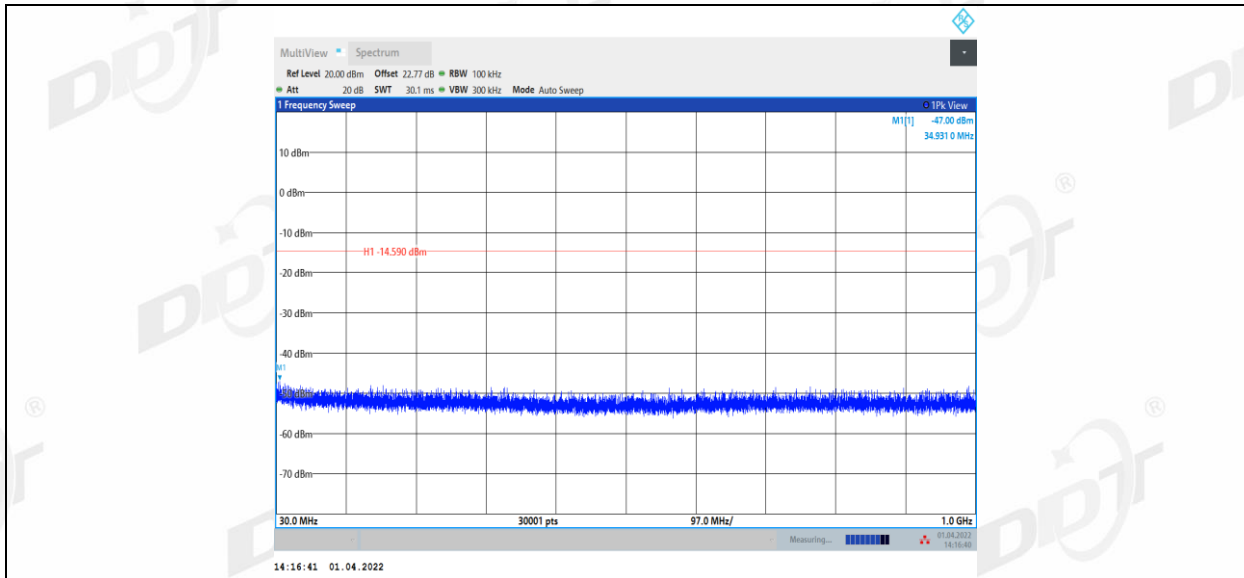
11N20MIMO_Ant1_2412_1000~26500



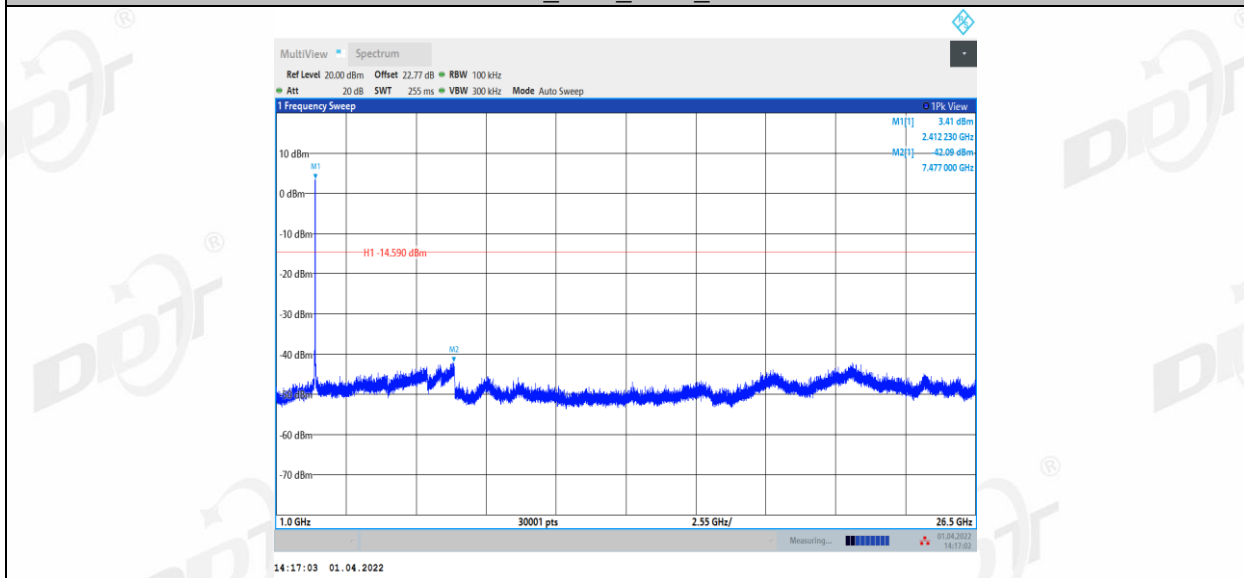
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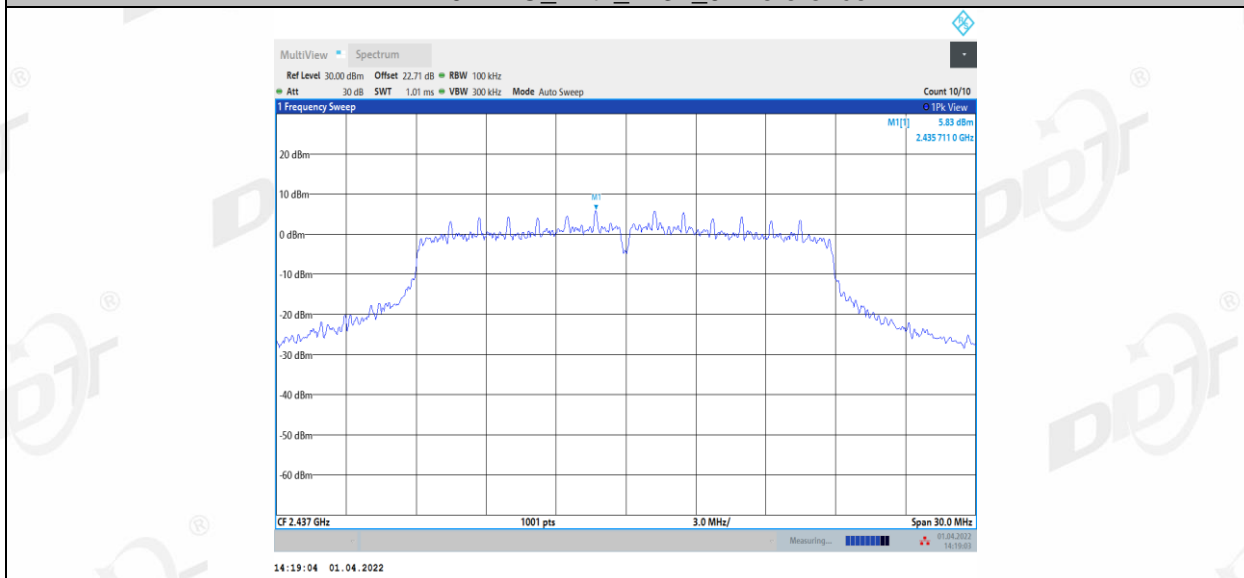
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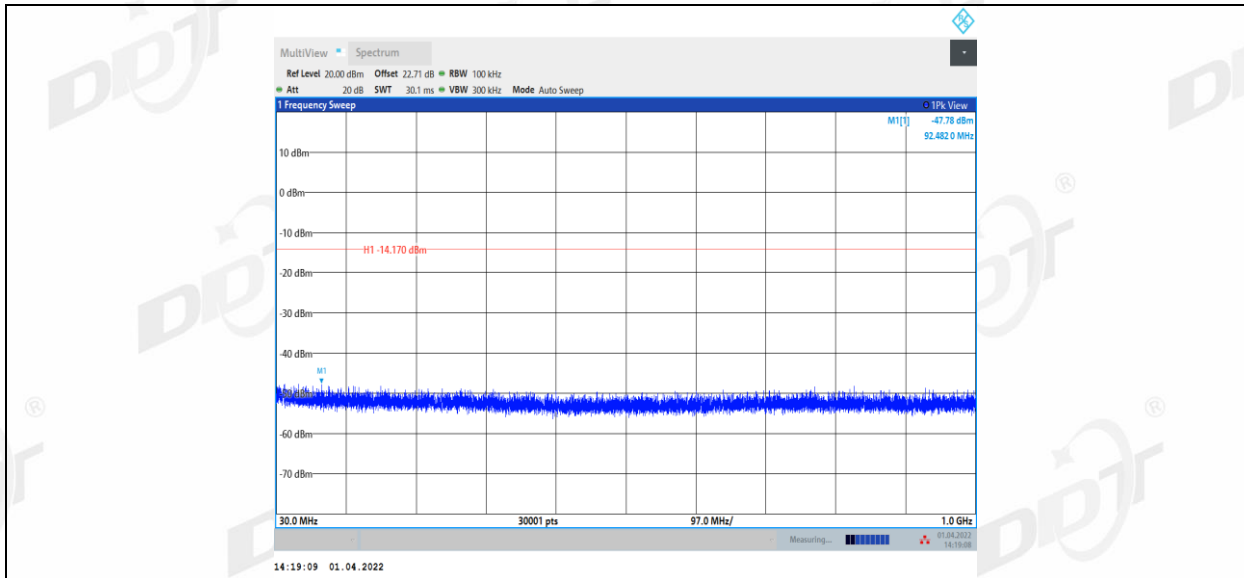
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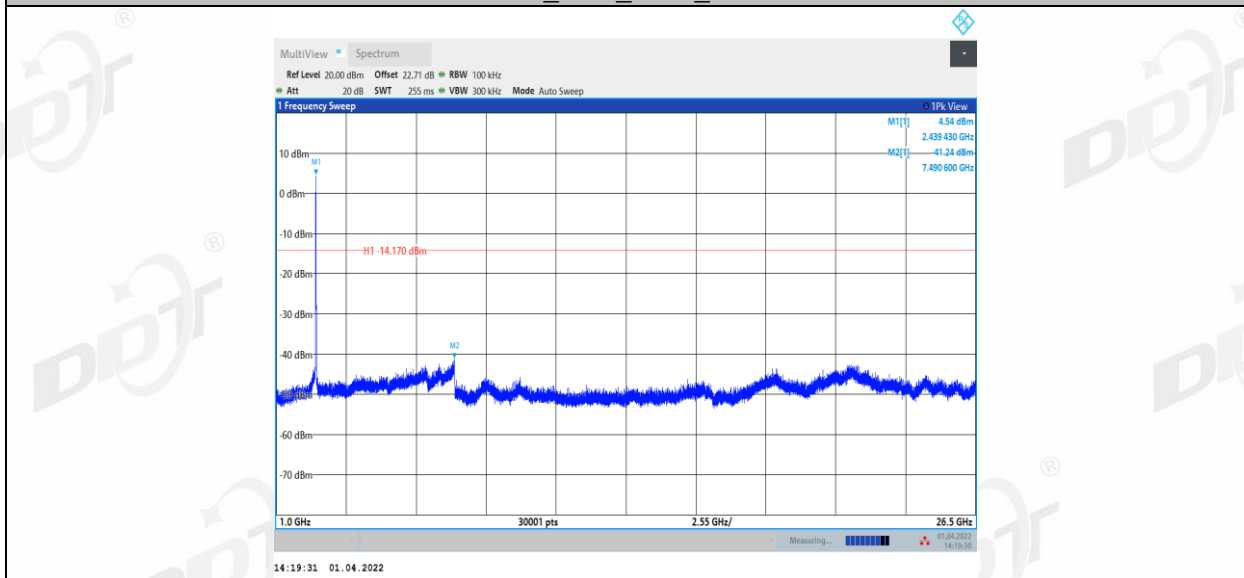
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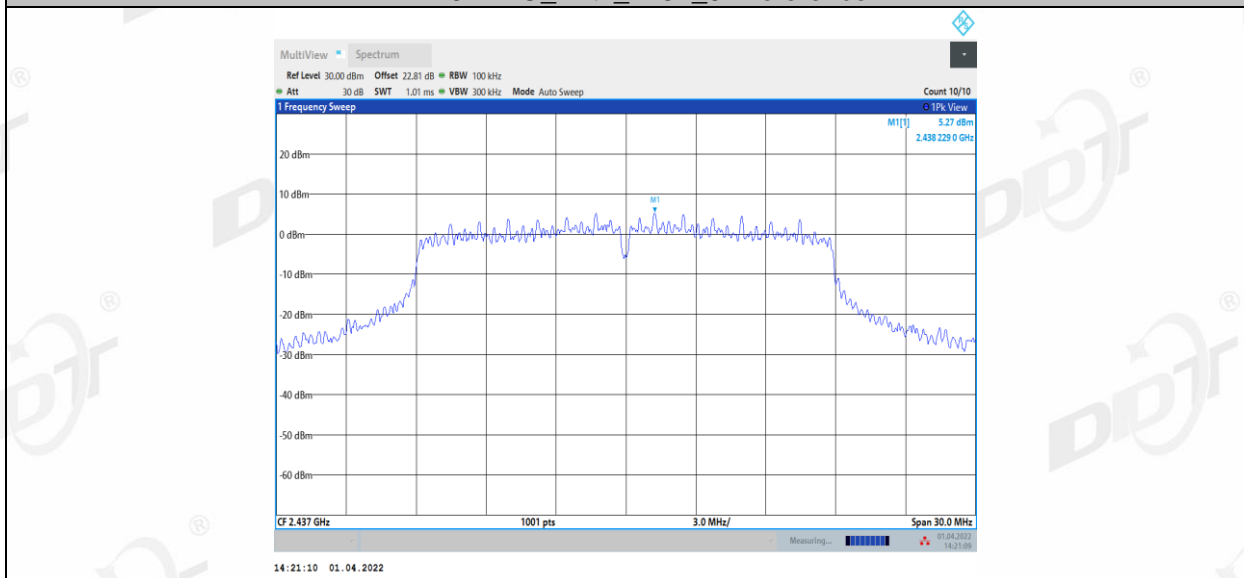
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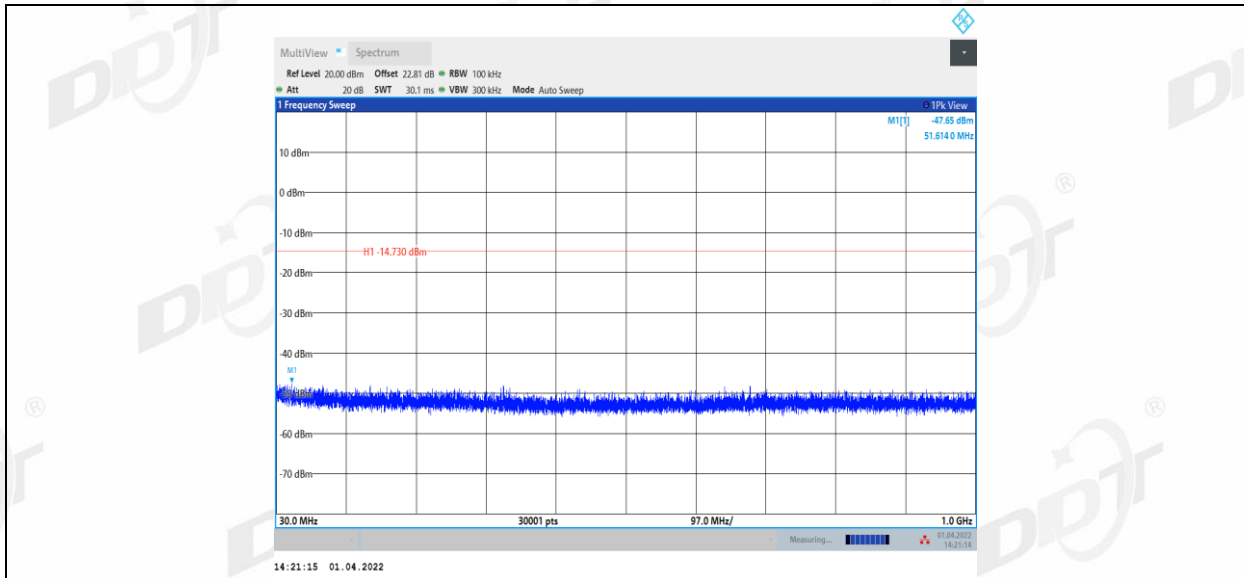
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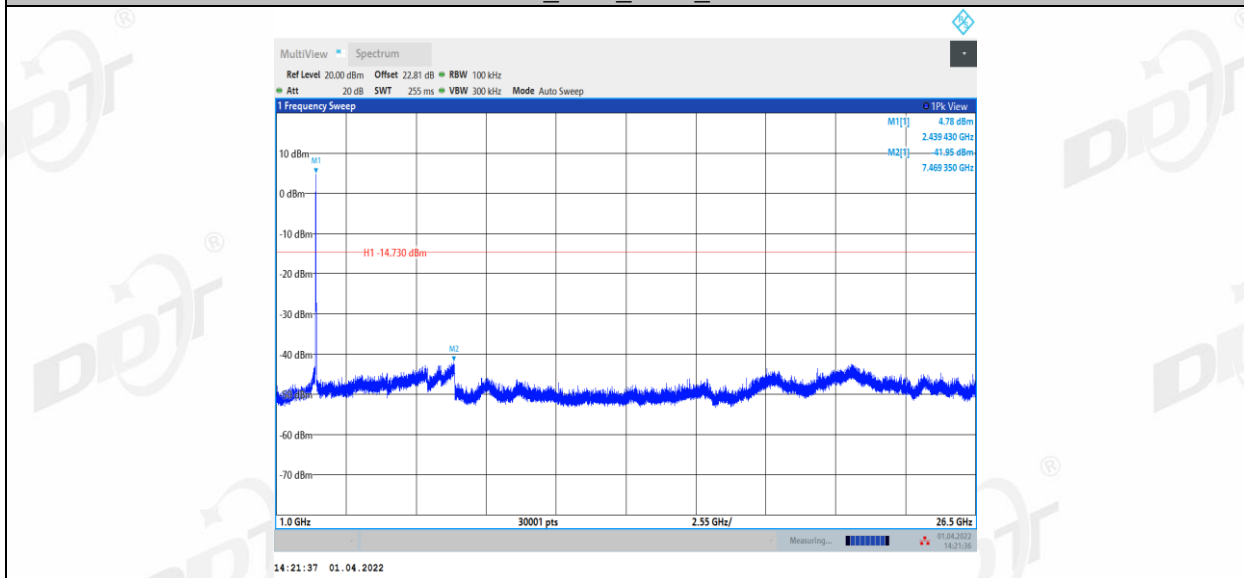
11N20MIMO_Ant2_2437_0~Reference



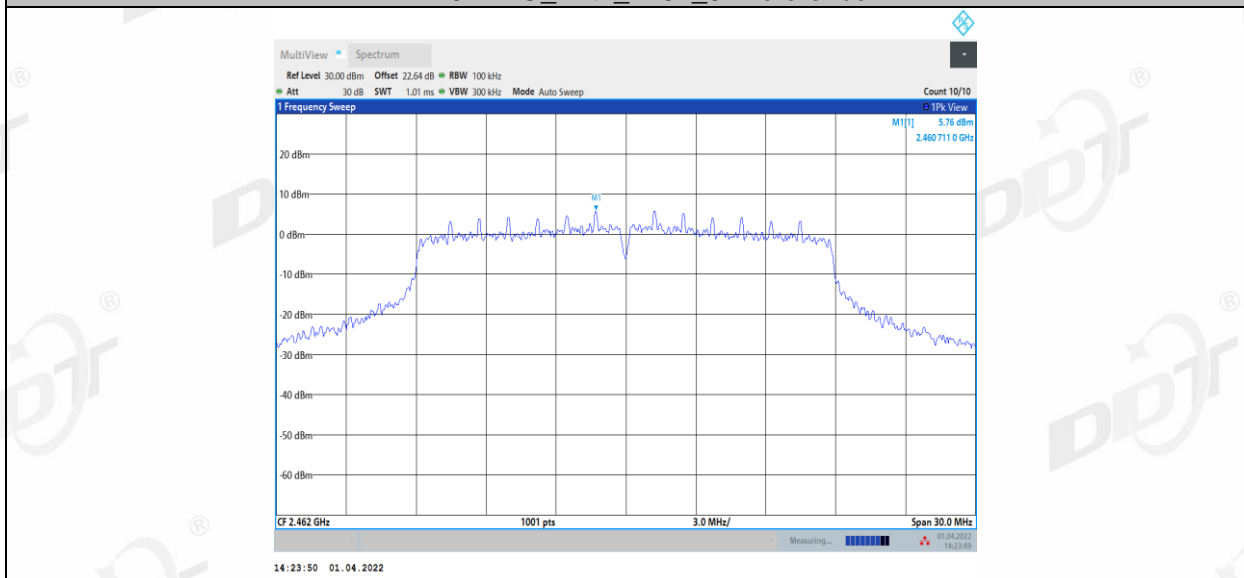
11N20MIMO_Ant2_2437_30~1000



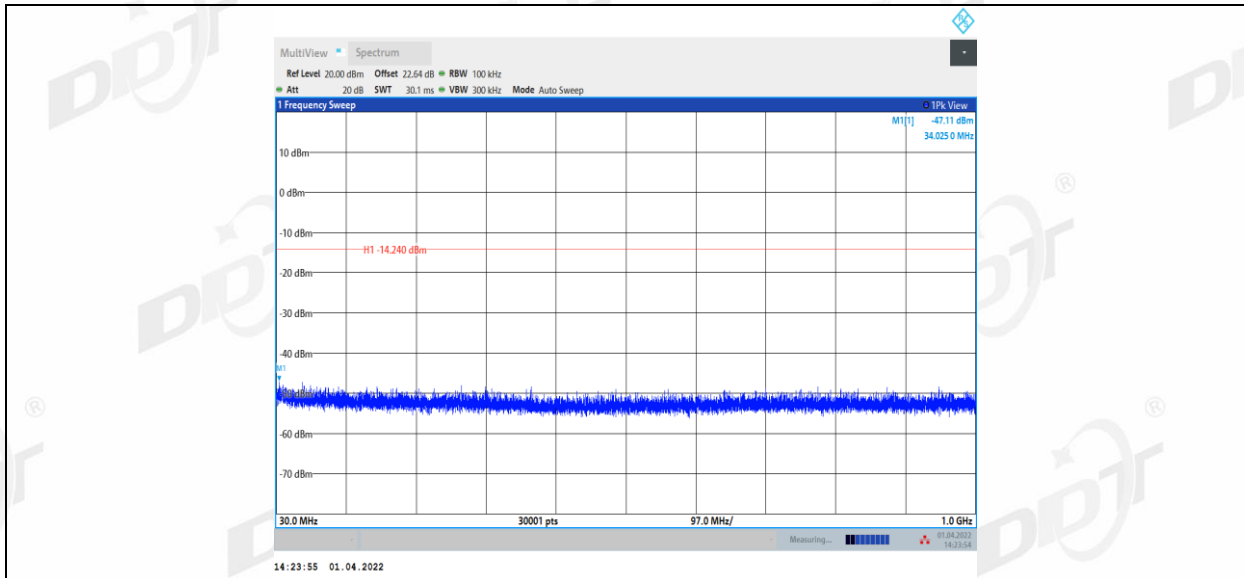
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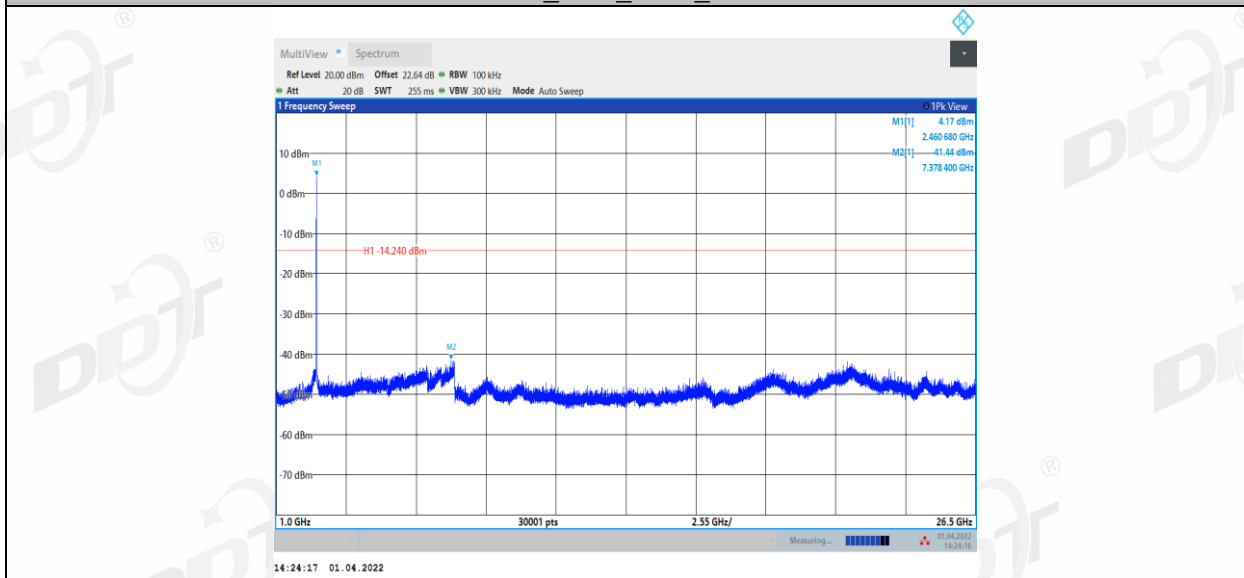
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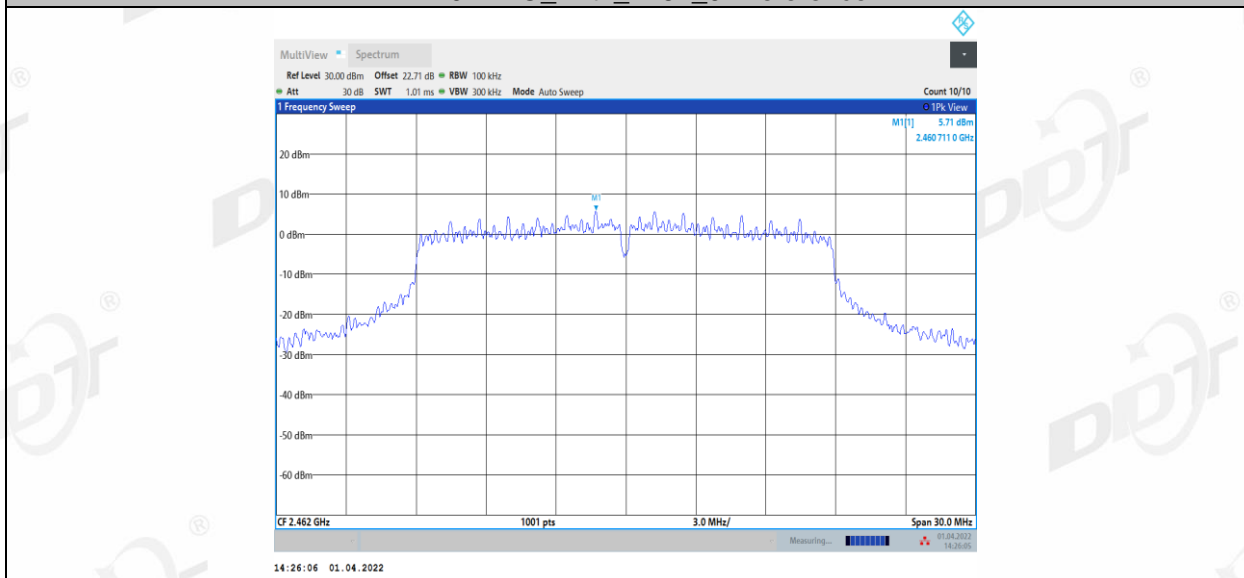
11N20MIMO_Ant1_2462_30~1000



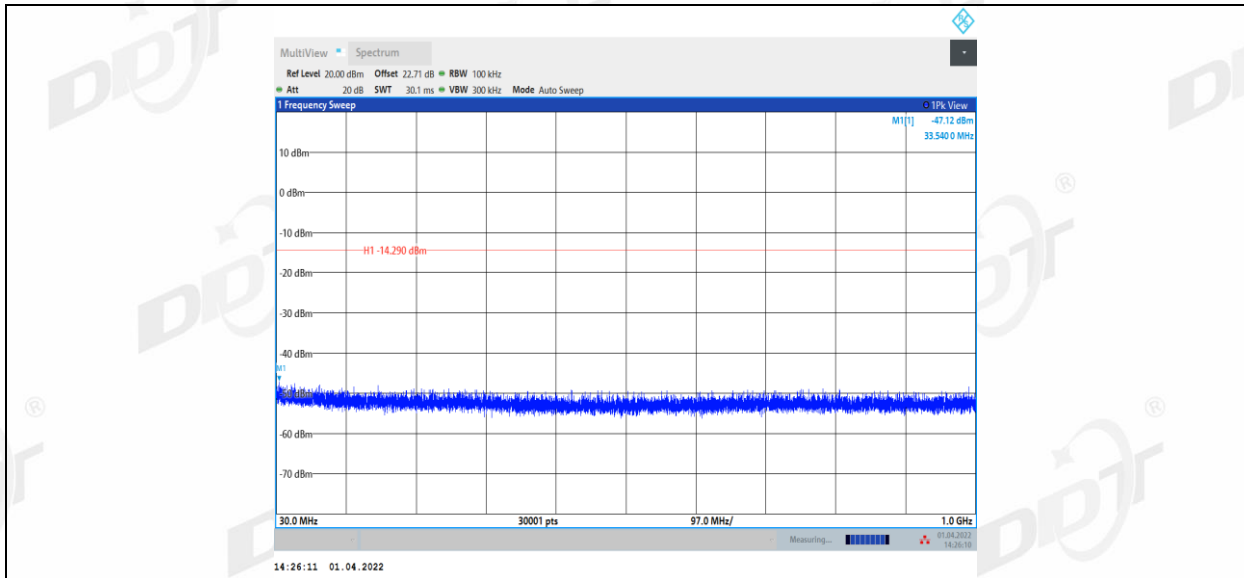
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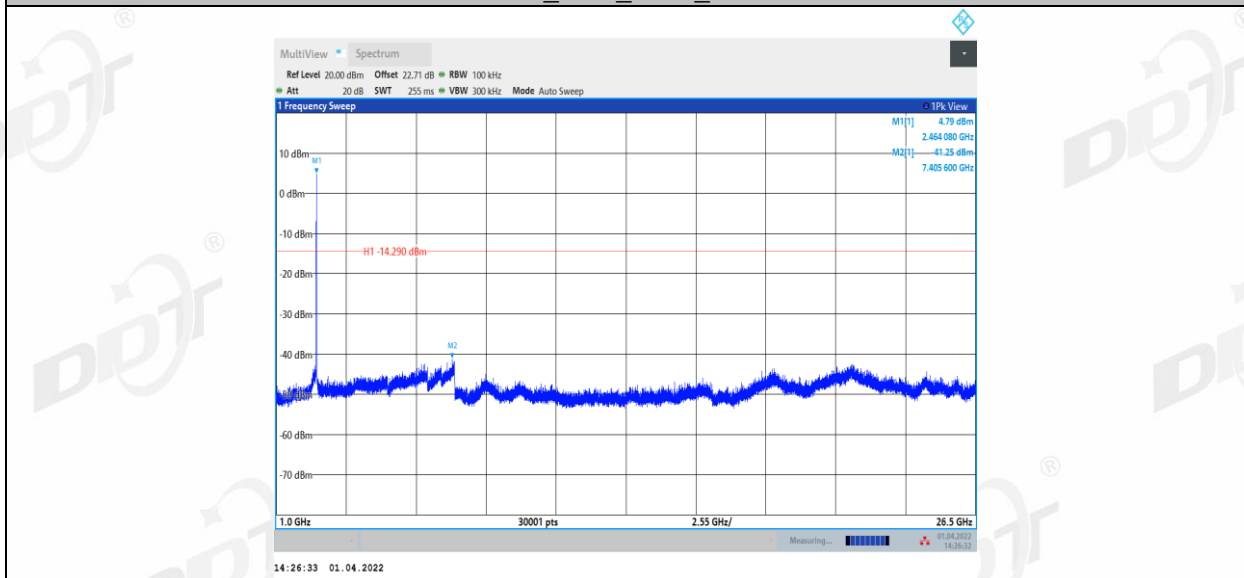
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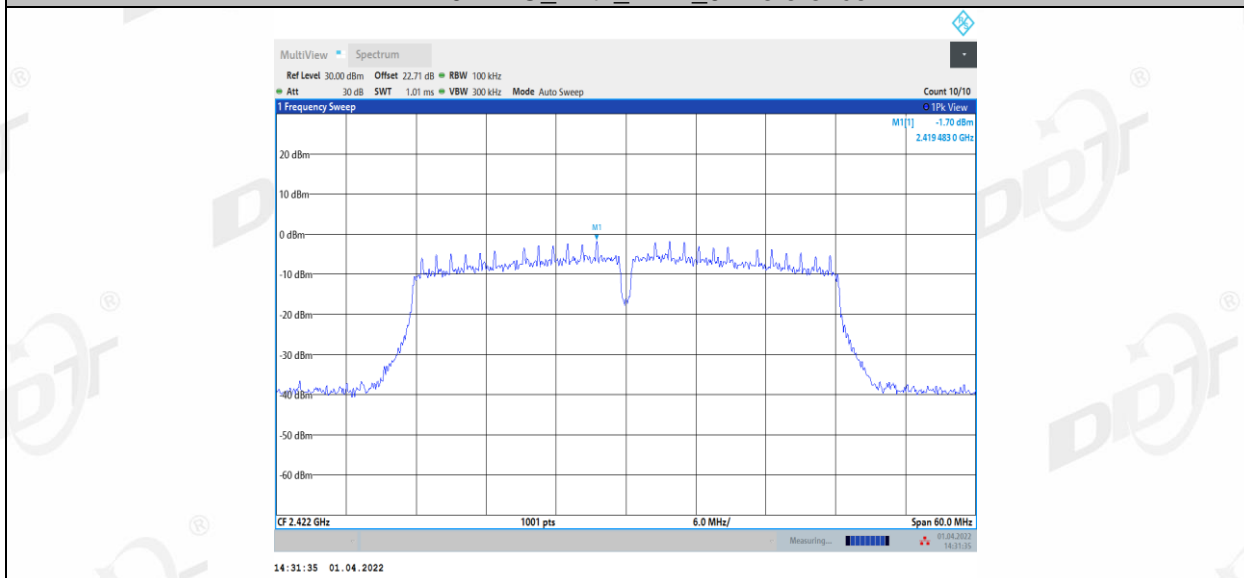
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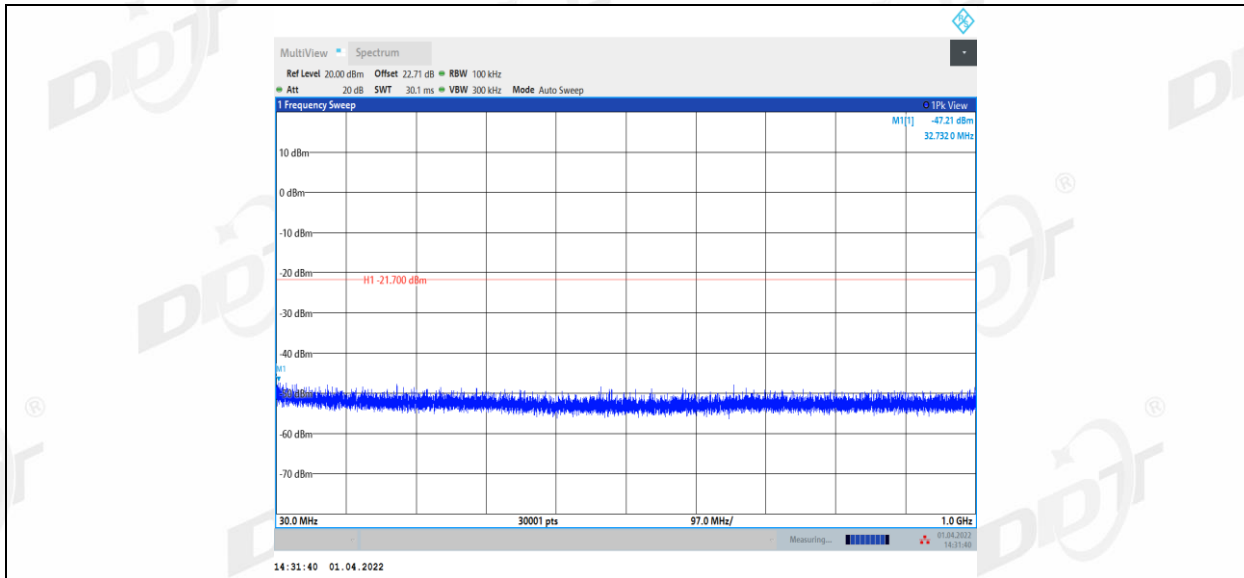
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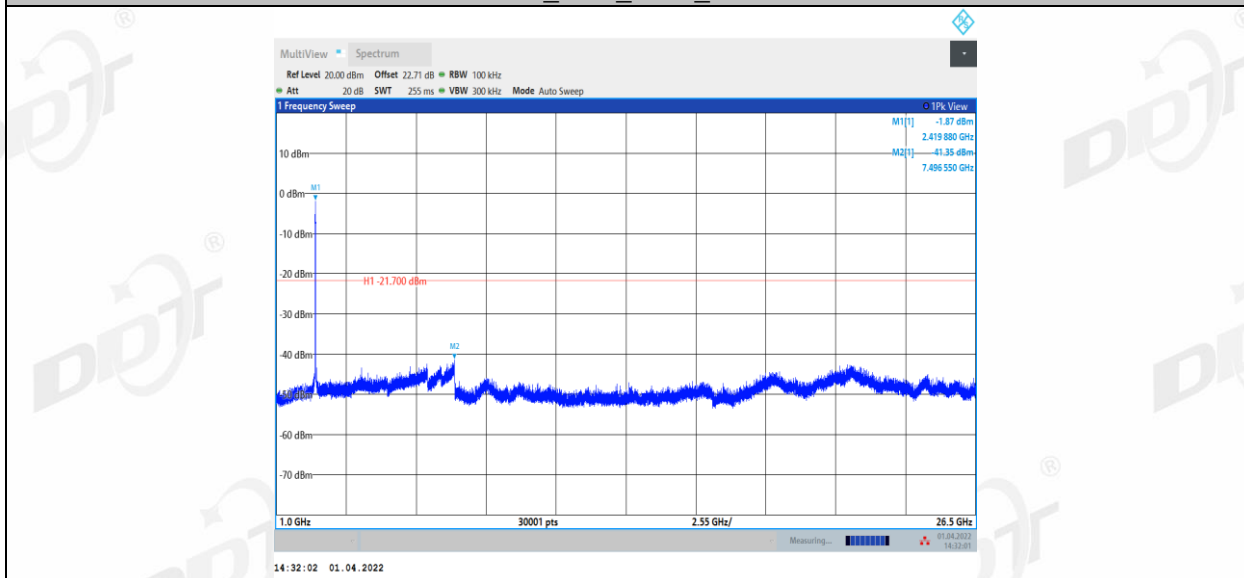
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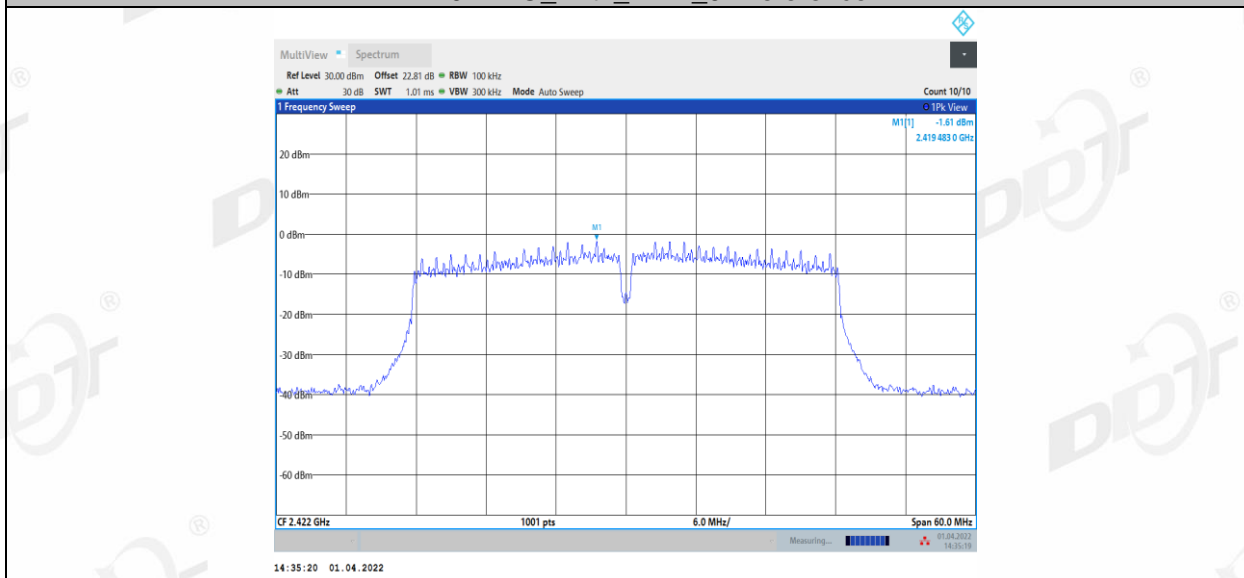
11N40MIMO_Ant1_2422_30~1000



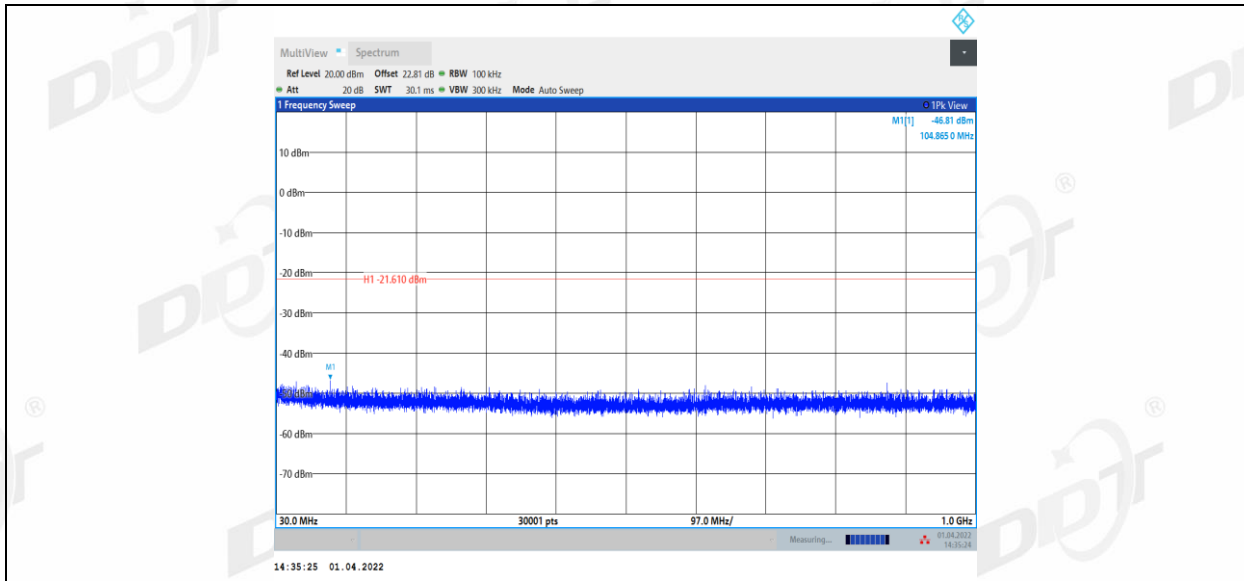
11N40MIMO_Ant1_2422_1000~26500



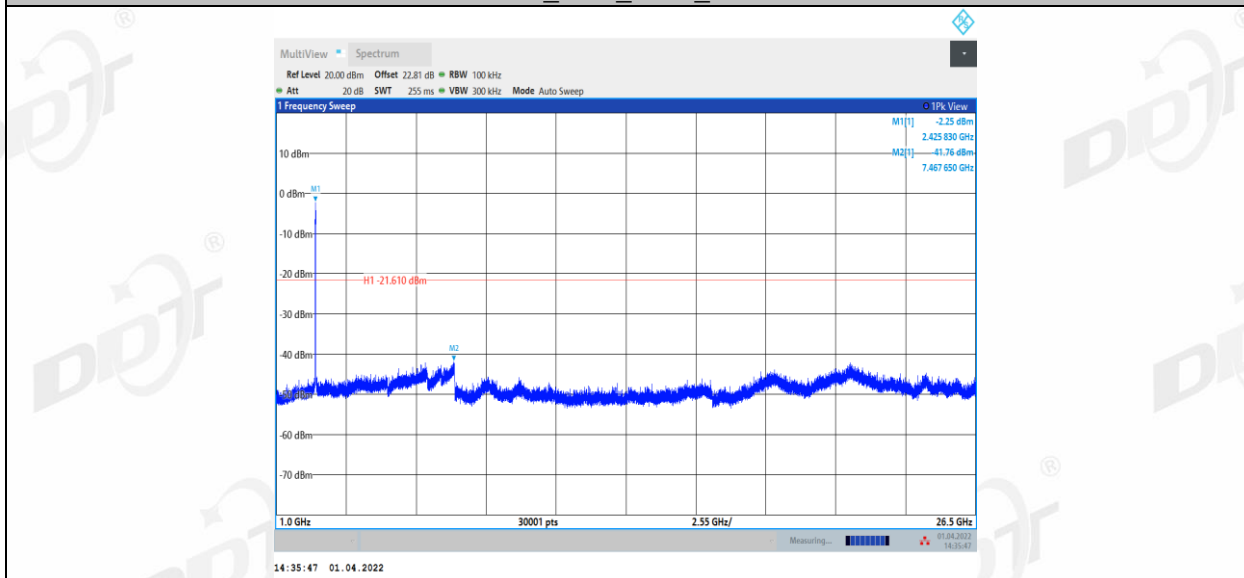
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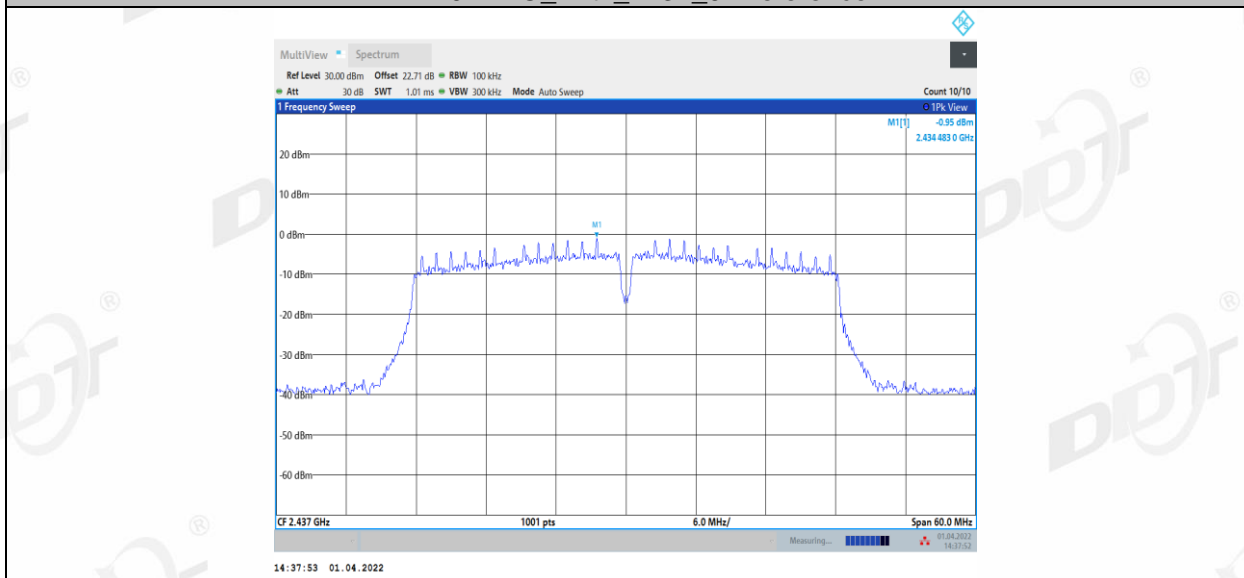
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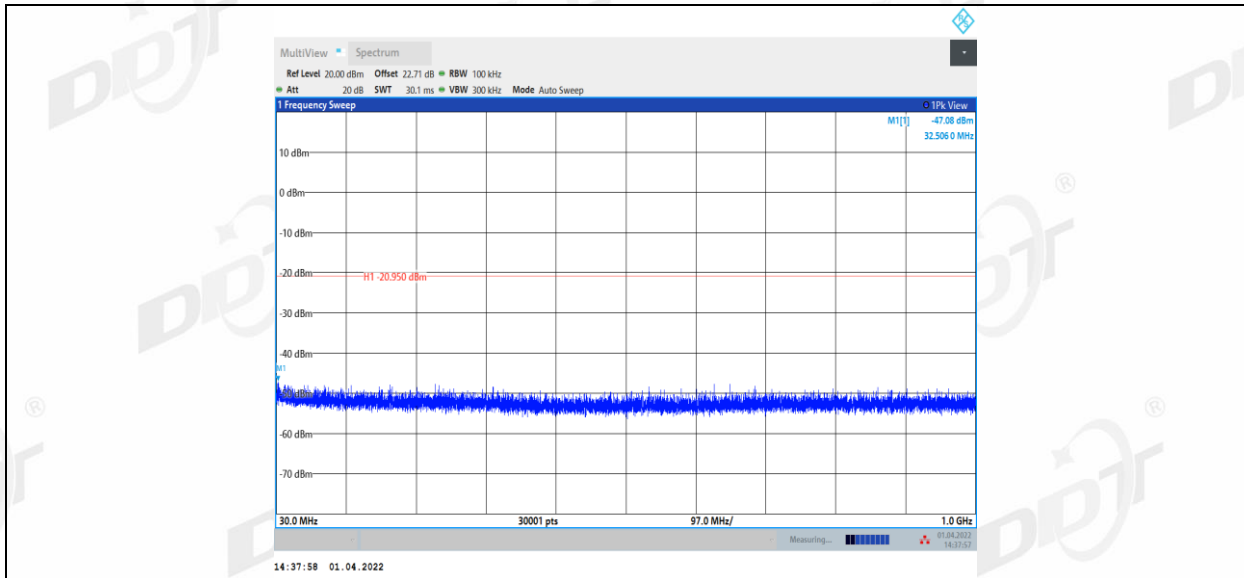
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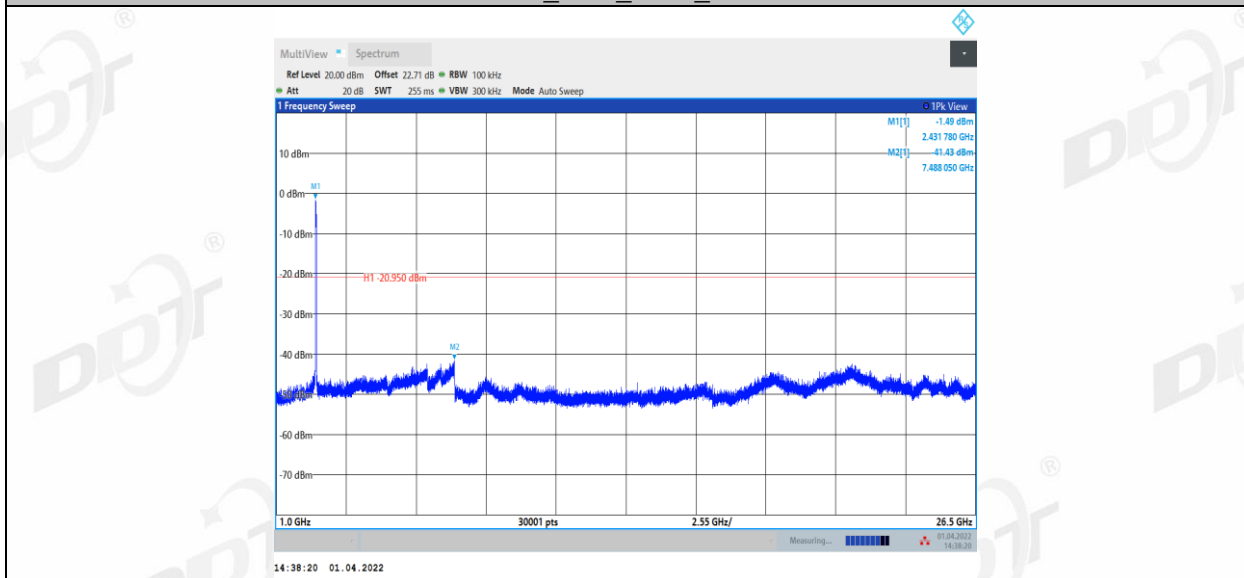
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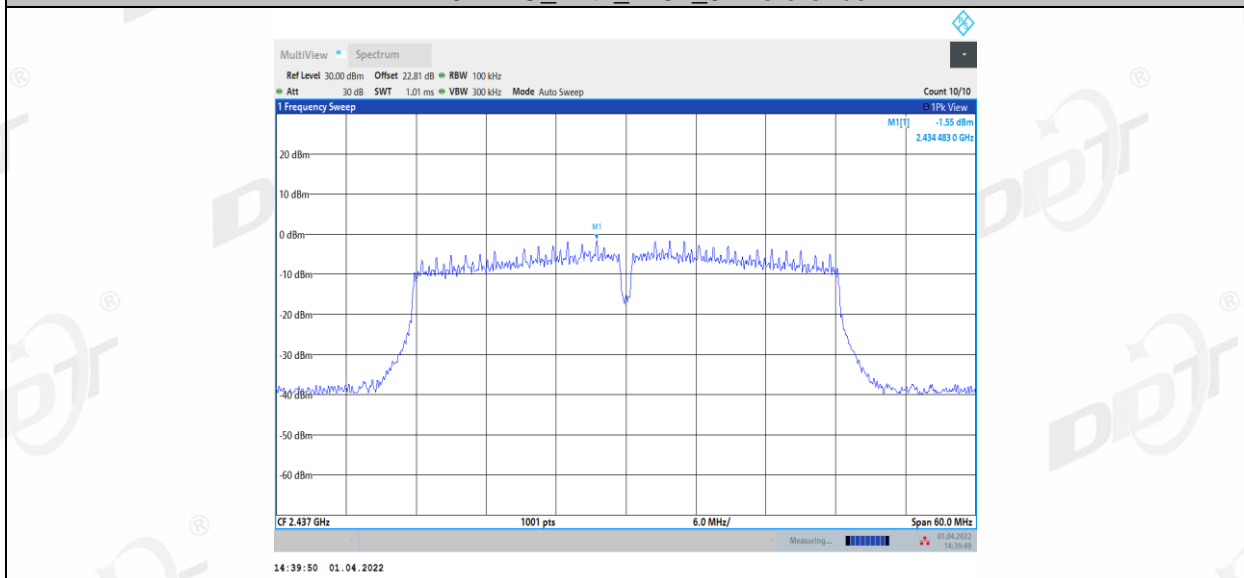
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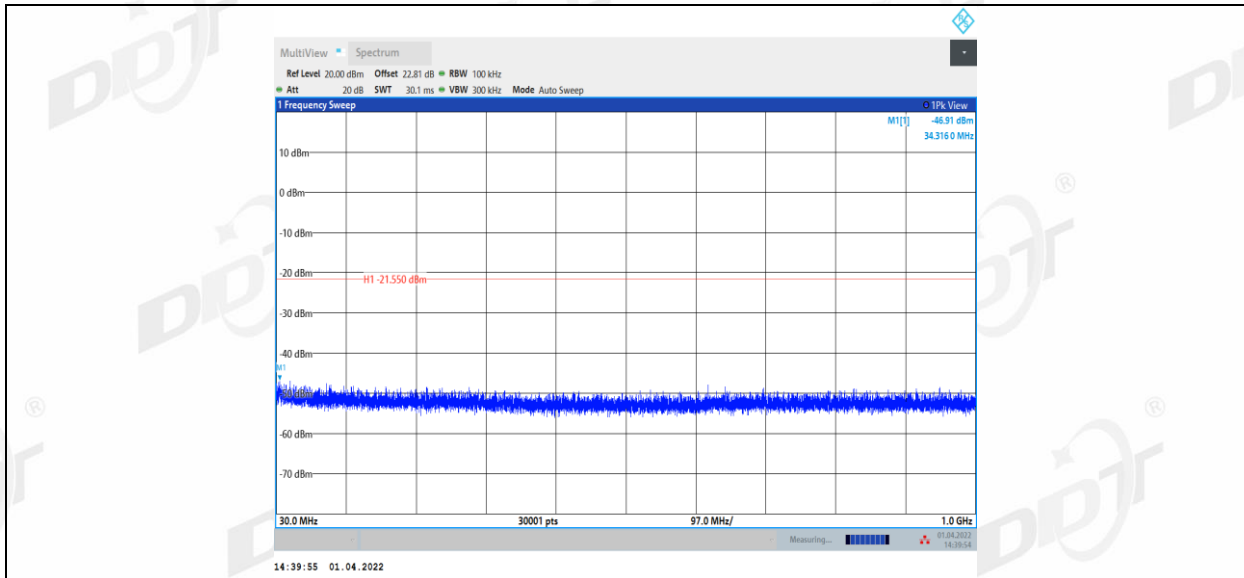
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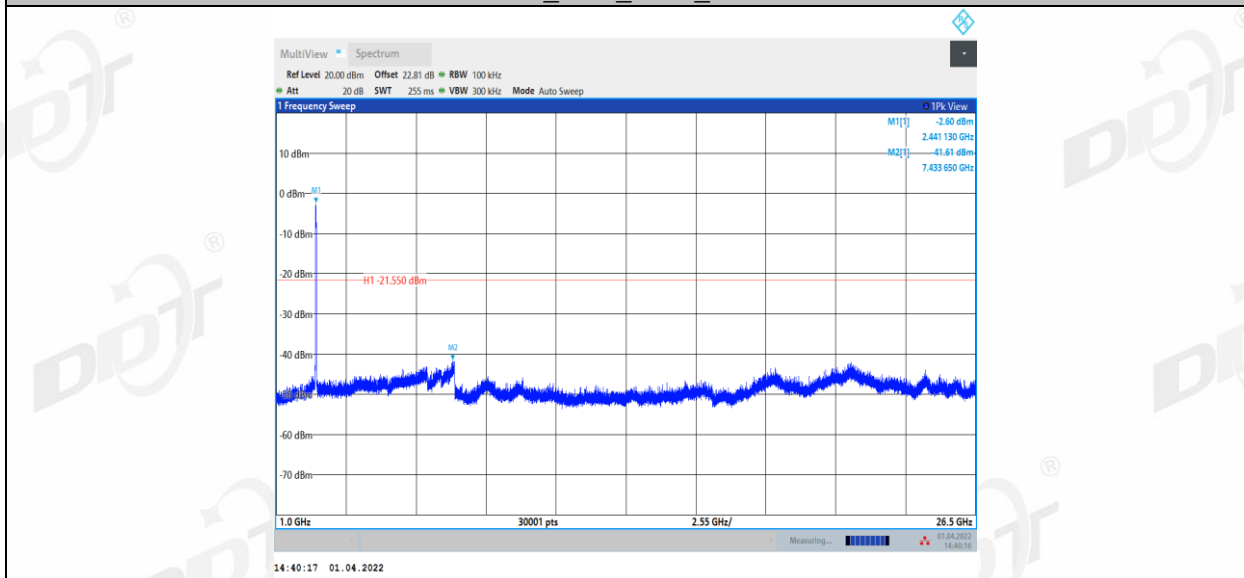
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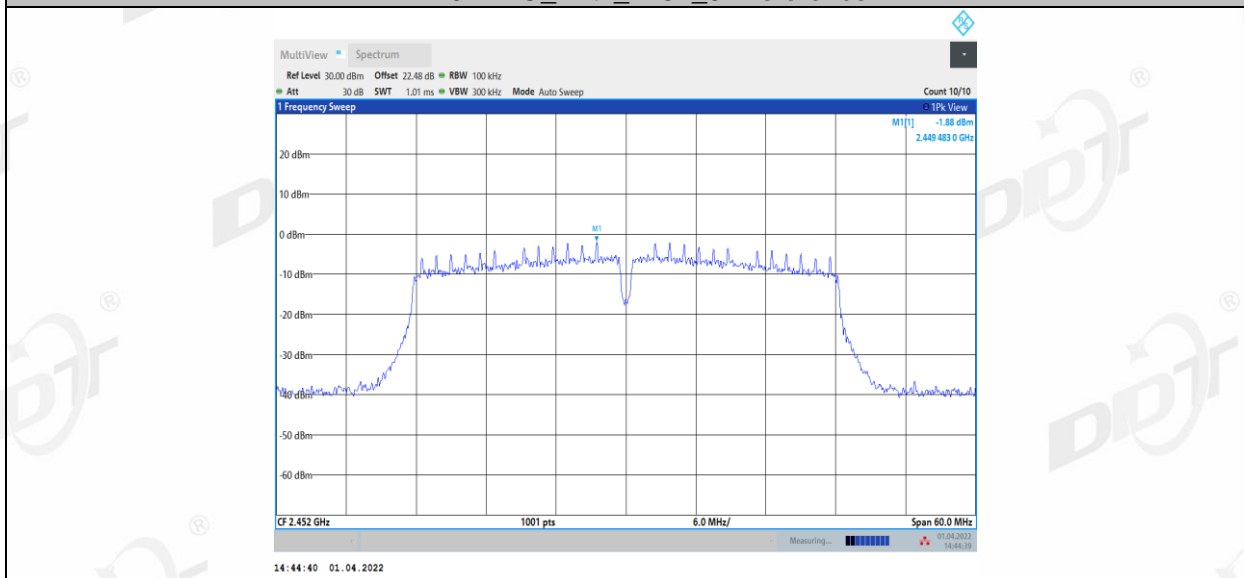
11N40MIMO_Ant2_2437_30~1000



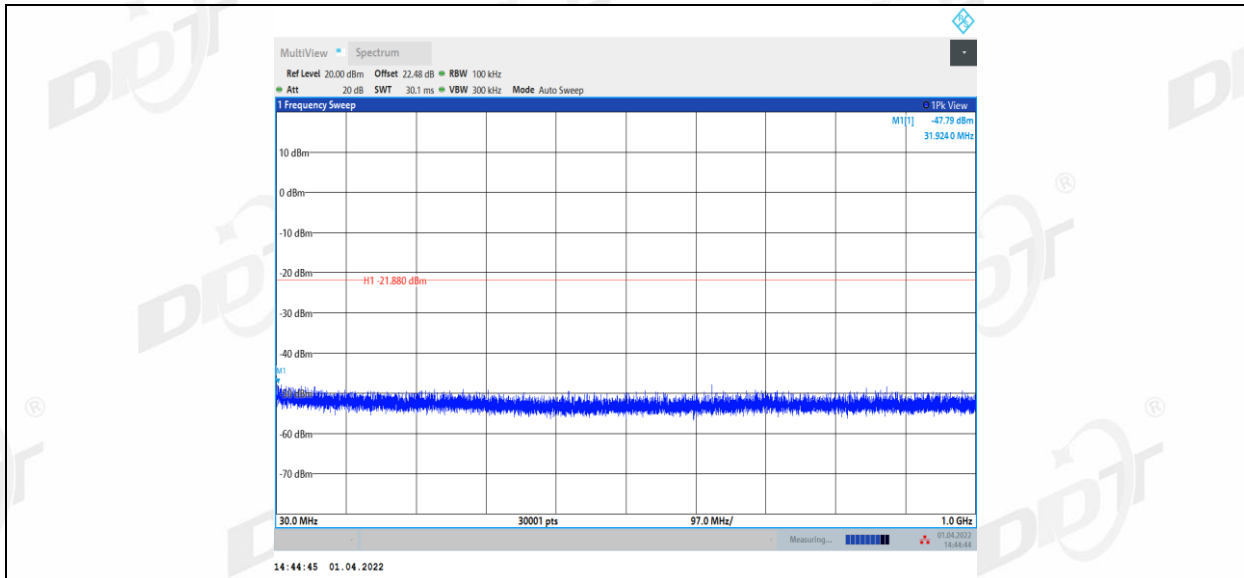
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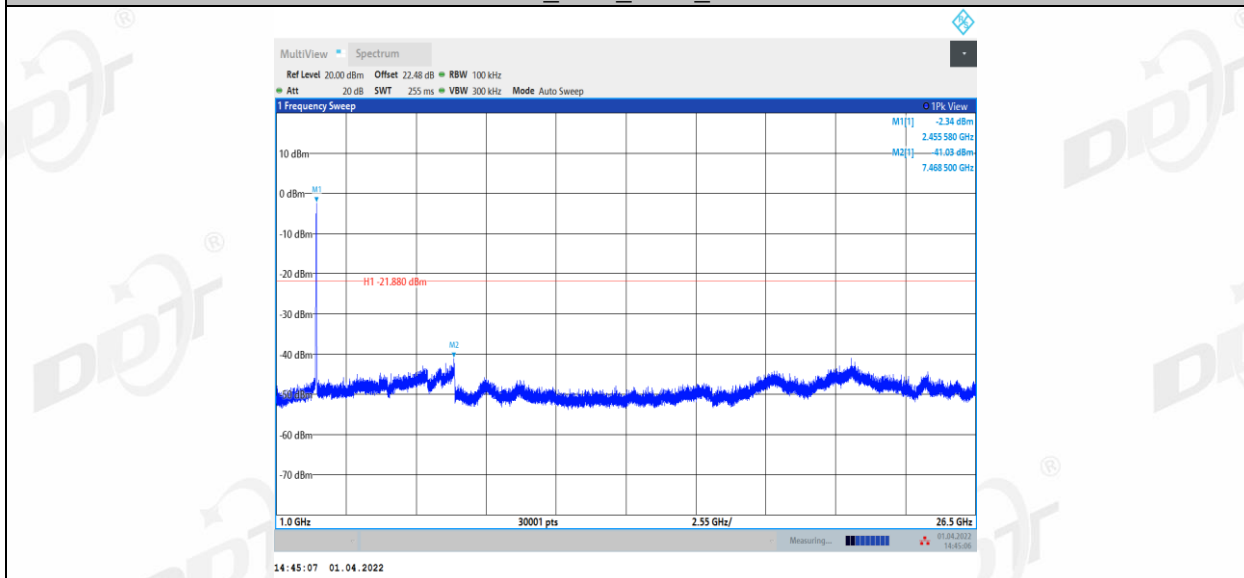
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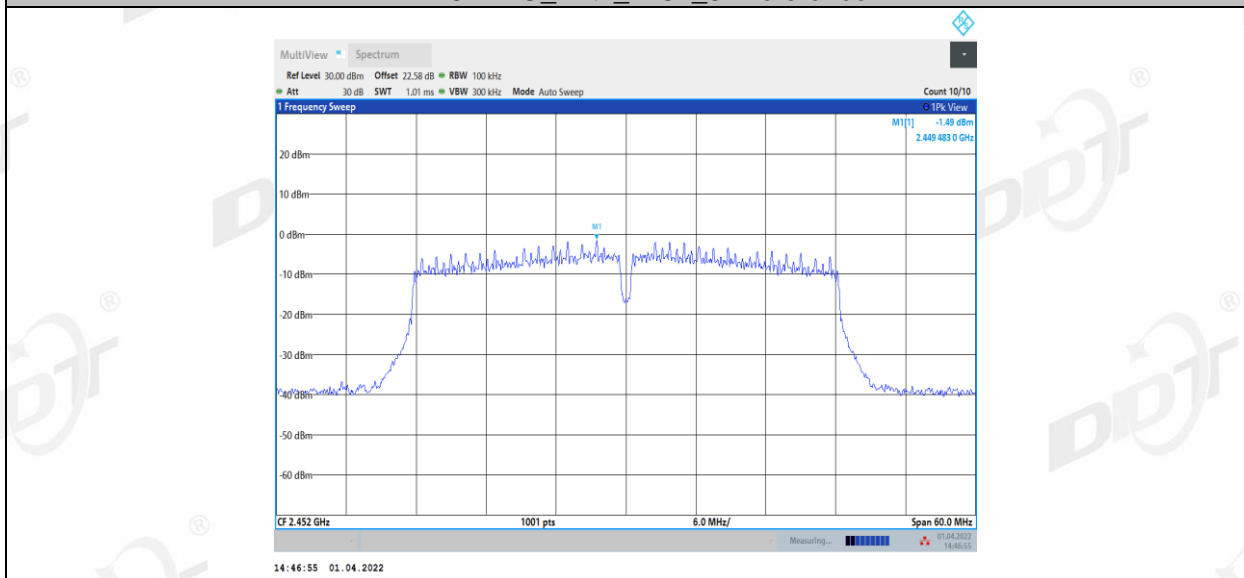
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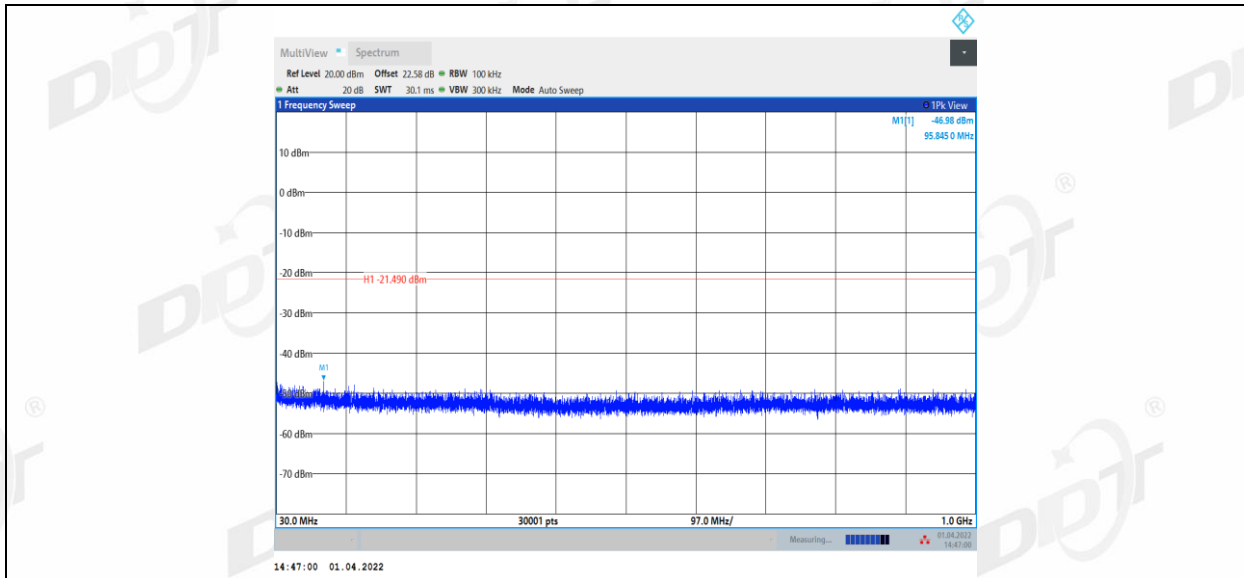
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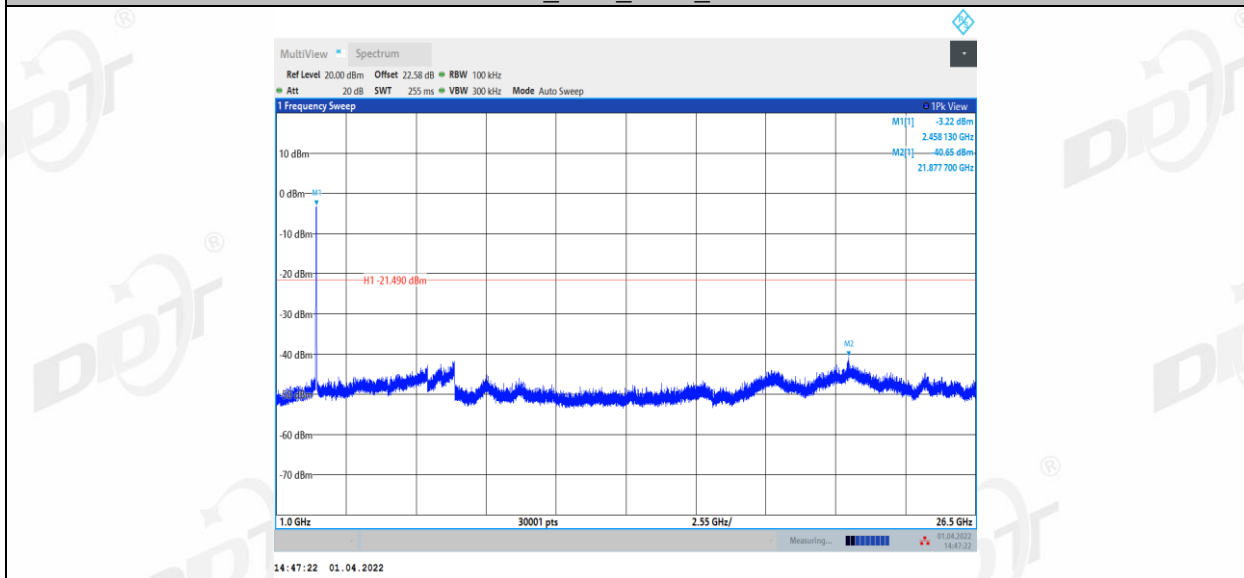
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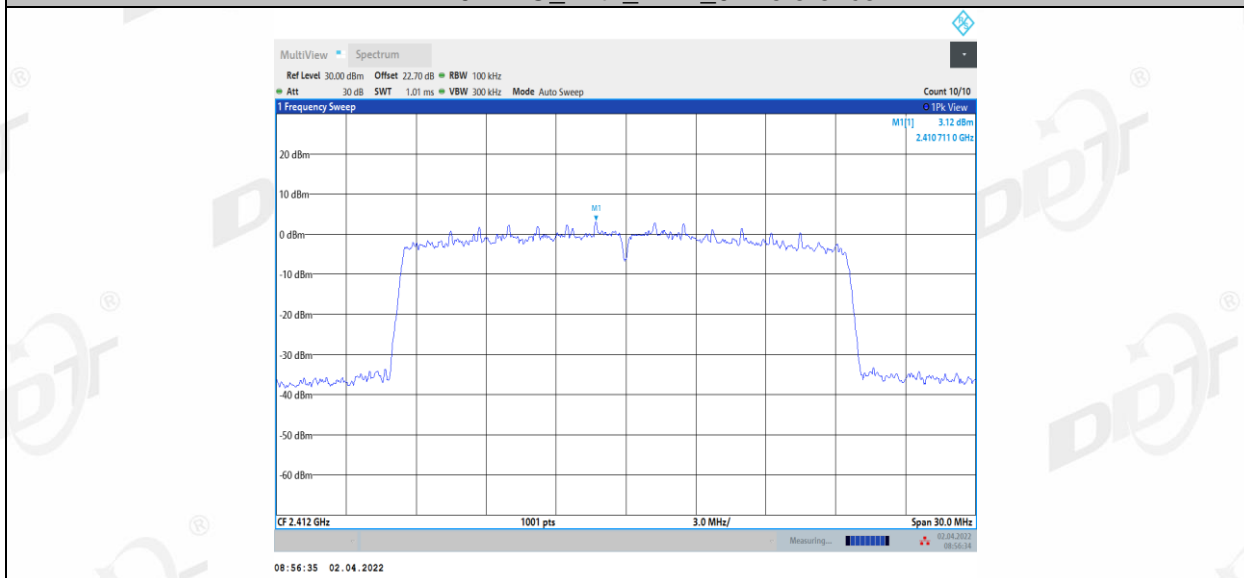
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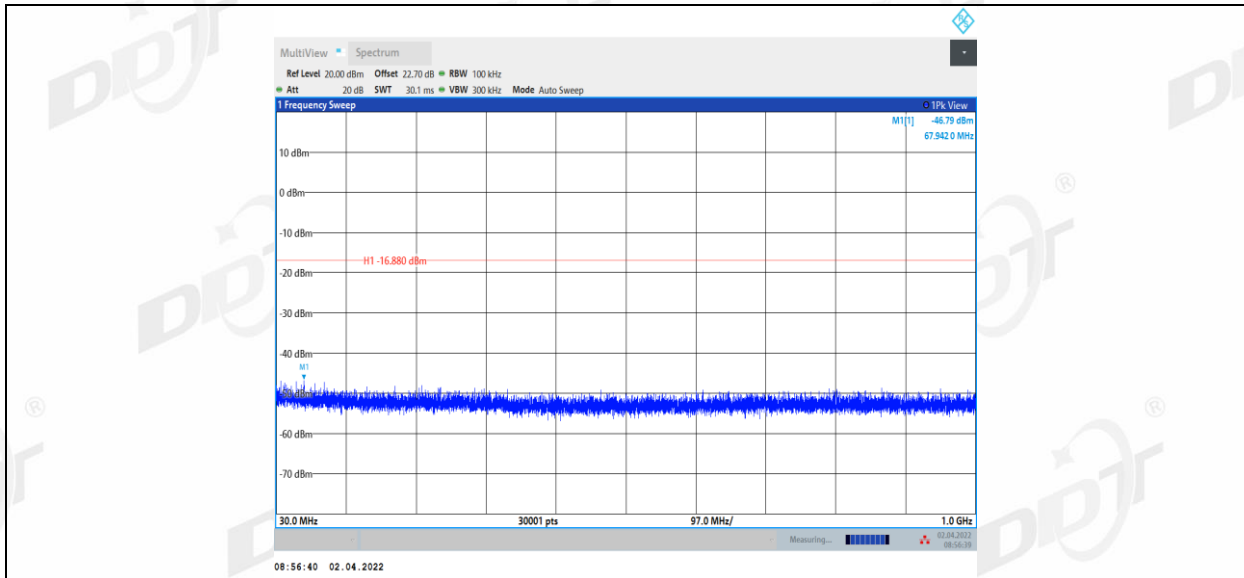
11N40MIMO_Ant2_2452_1000~26500



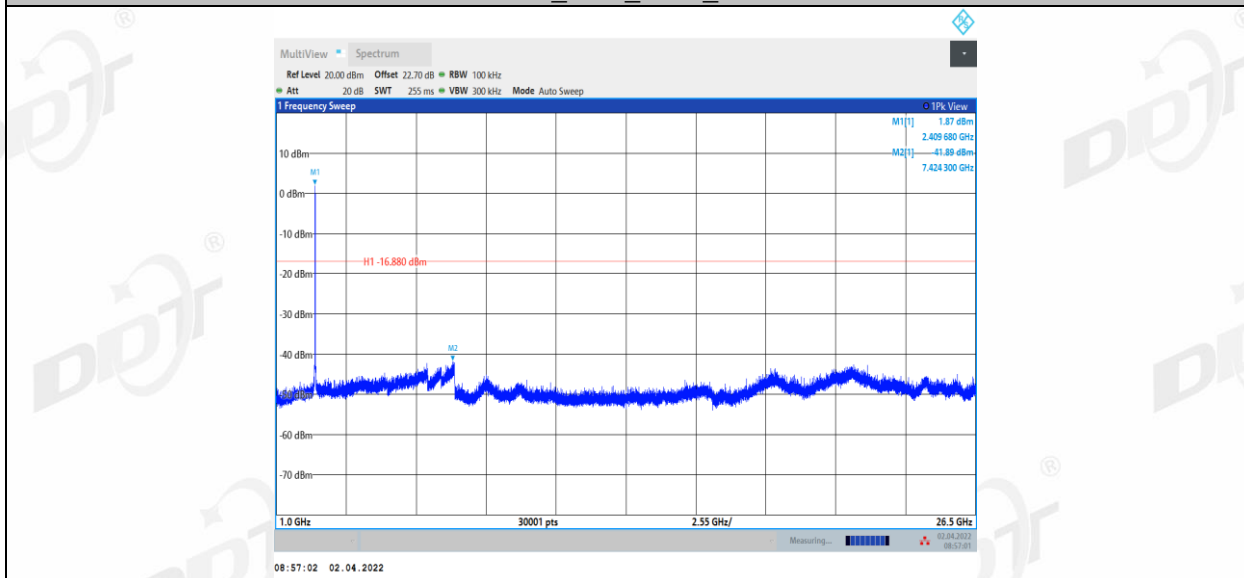
11AX20MIMO_Ant1_2412_0~Reference



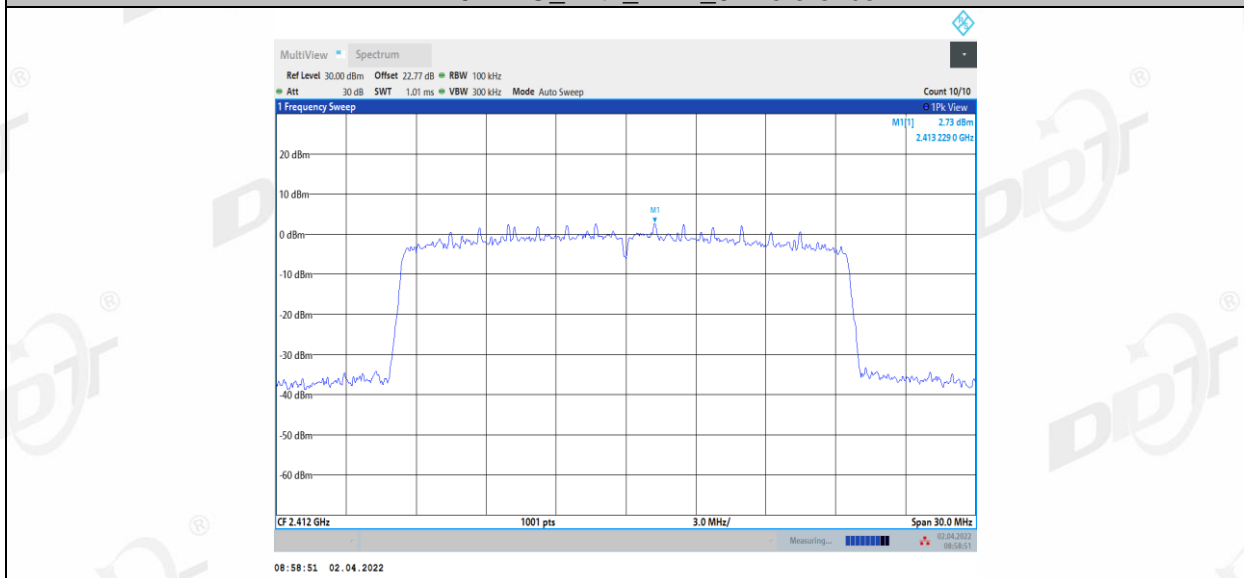
11AX20MIMO_Ant1_2412_30~1000



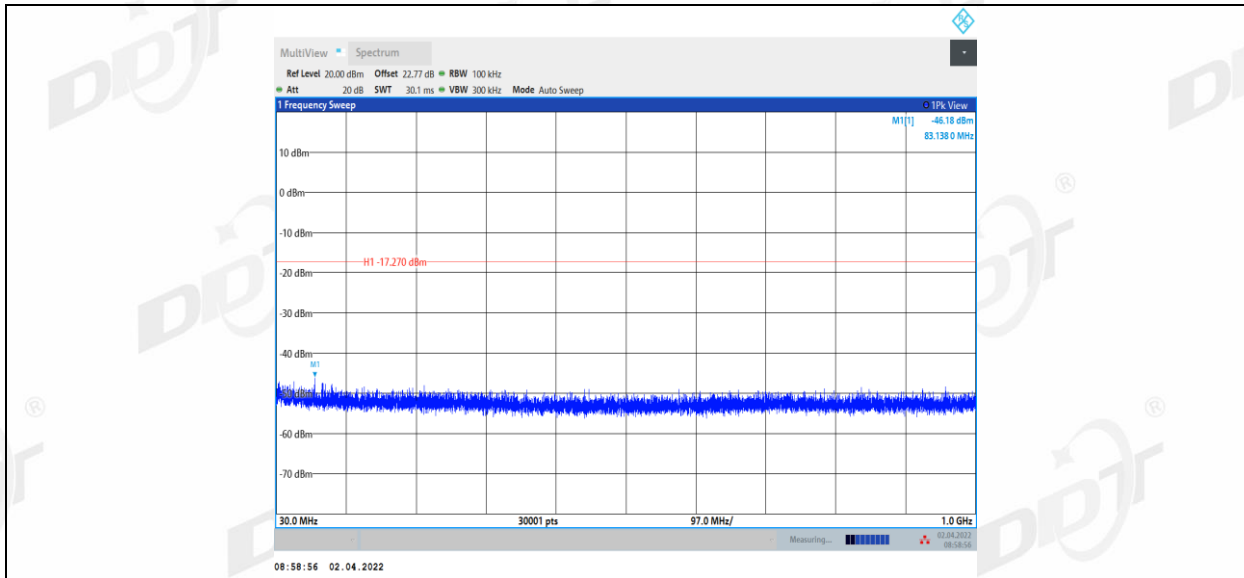
11AX20MIMO_Ant1_2412_1000~26500



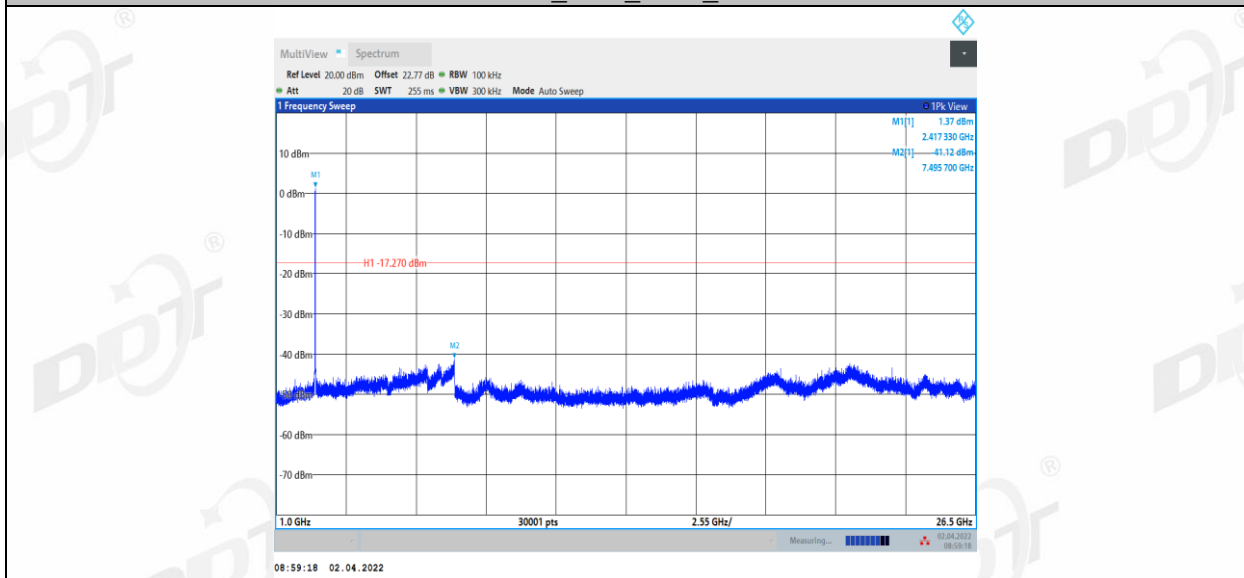
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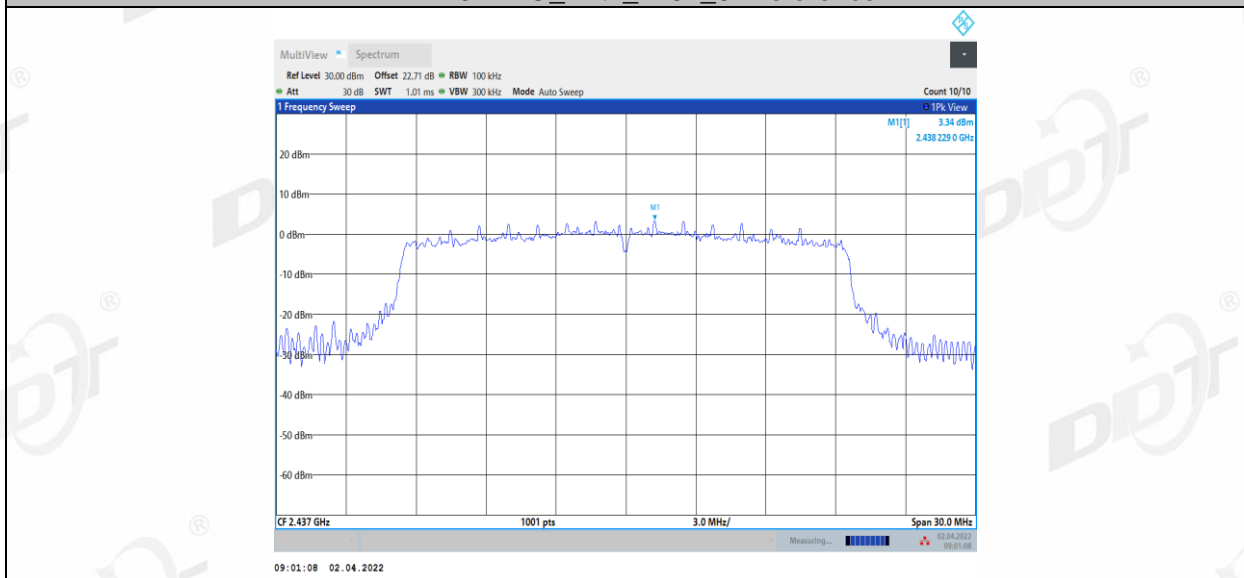
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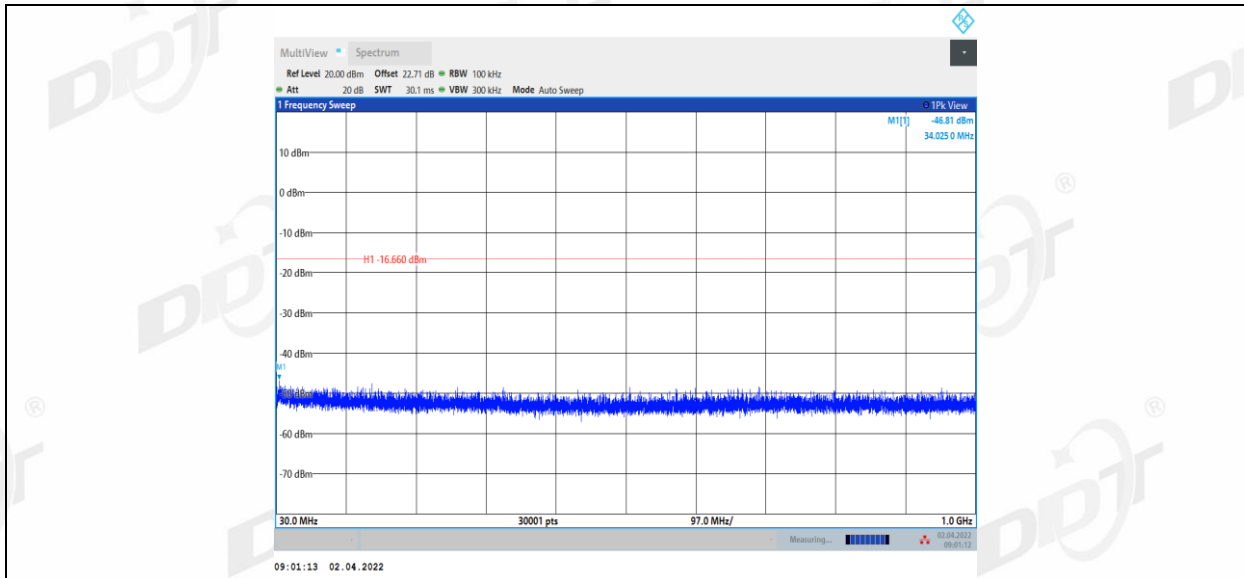
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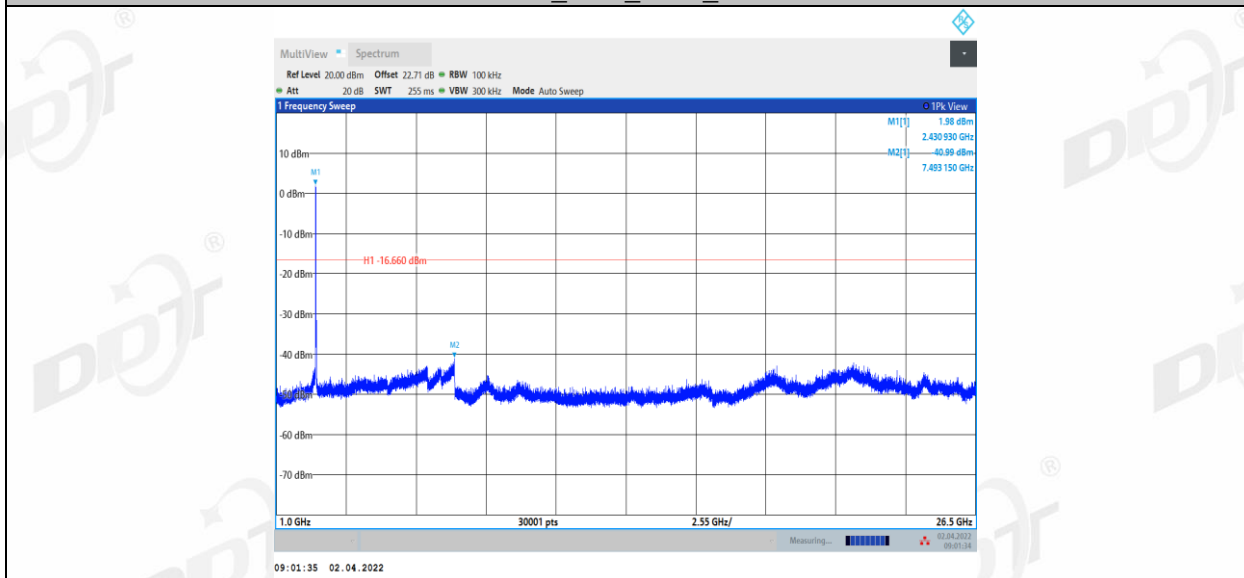
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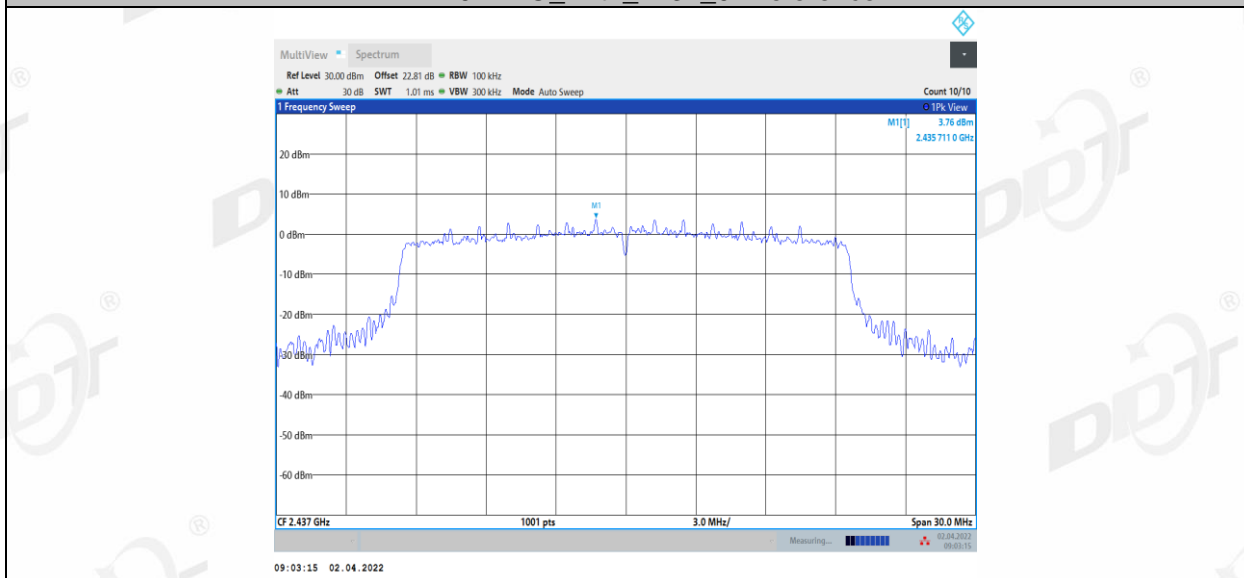
11AX20MIMO_Ant1_2437_30~1000



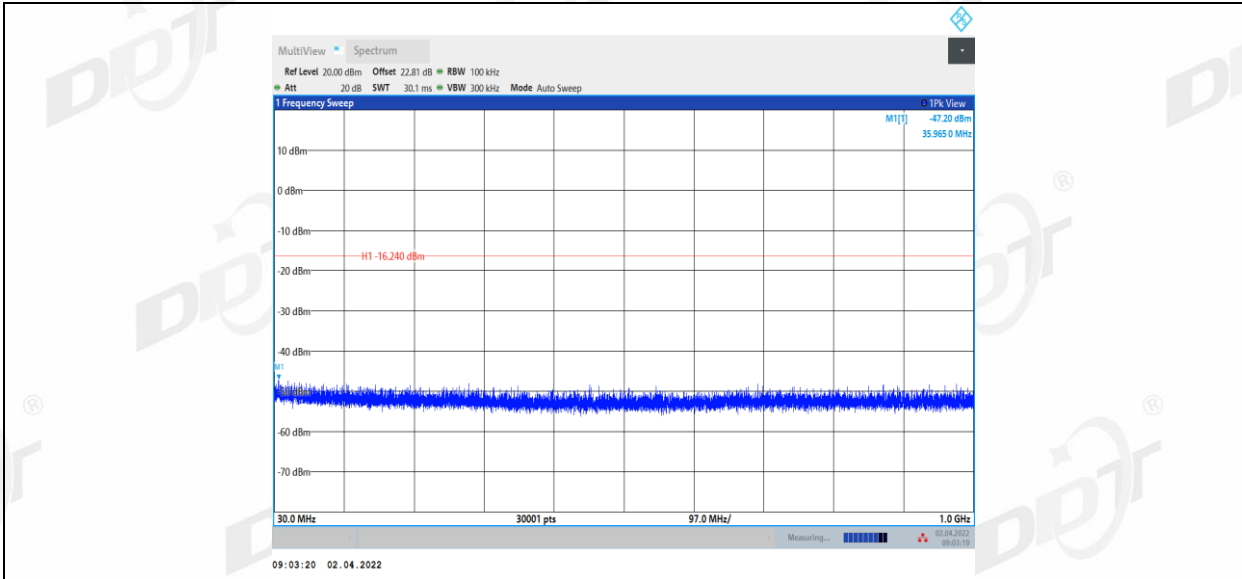
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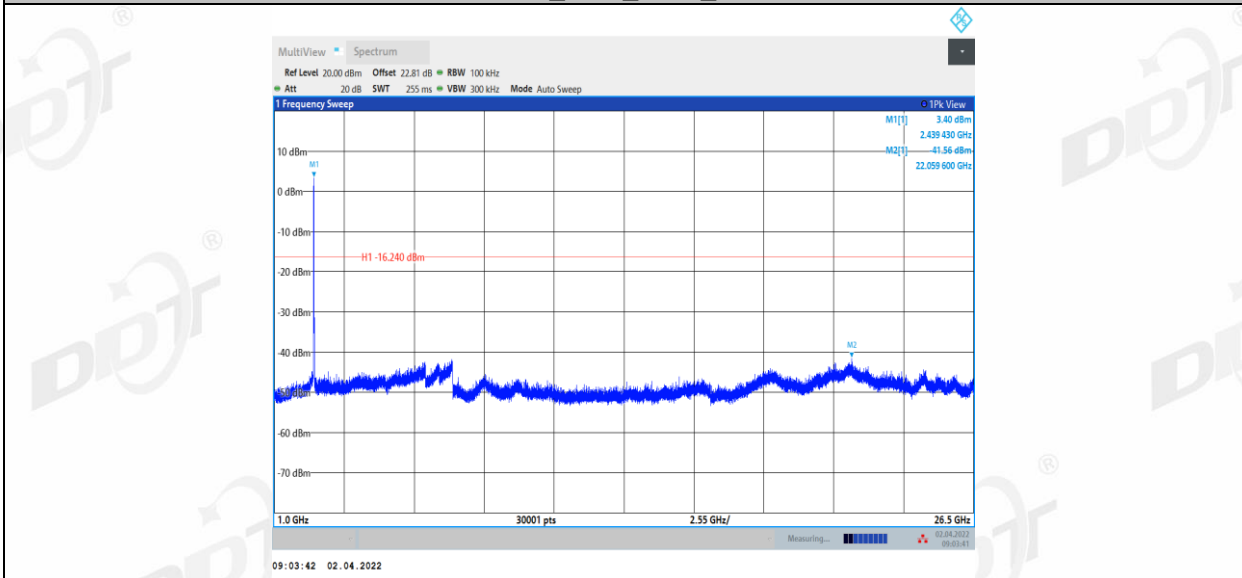
11AX20MIMO_Ant2_2437_0~Reference



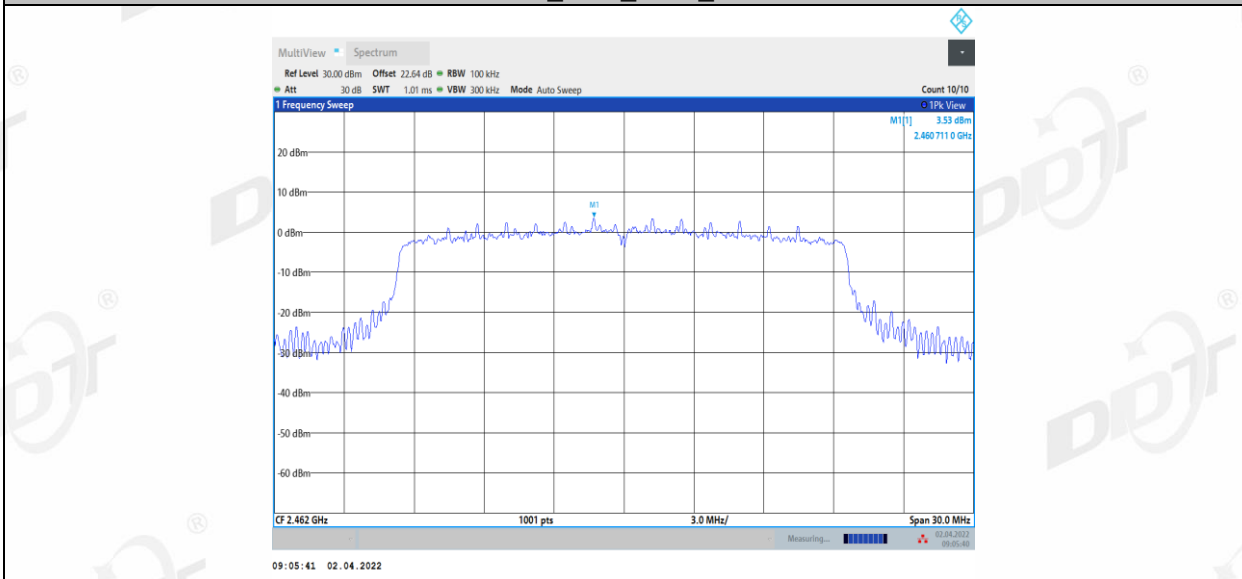
11AX20MIMO_Ant2_2437_30~1000



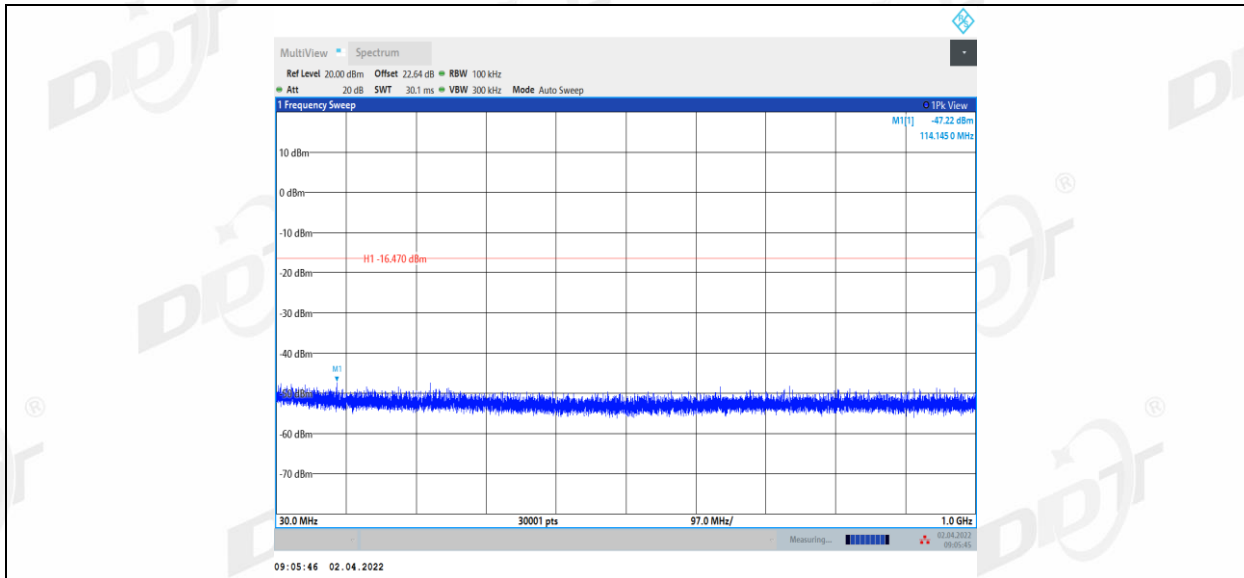
11AX20MIMO_Ant2_2437_1000~26500



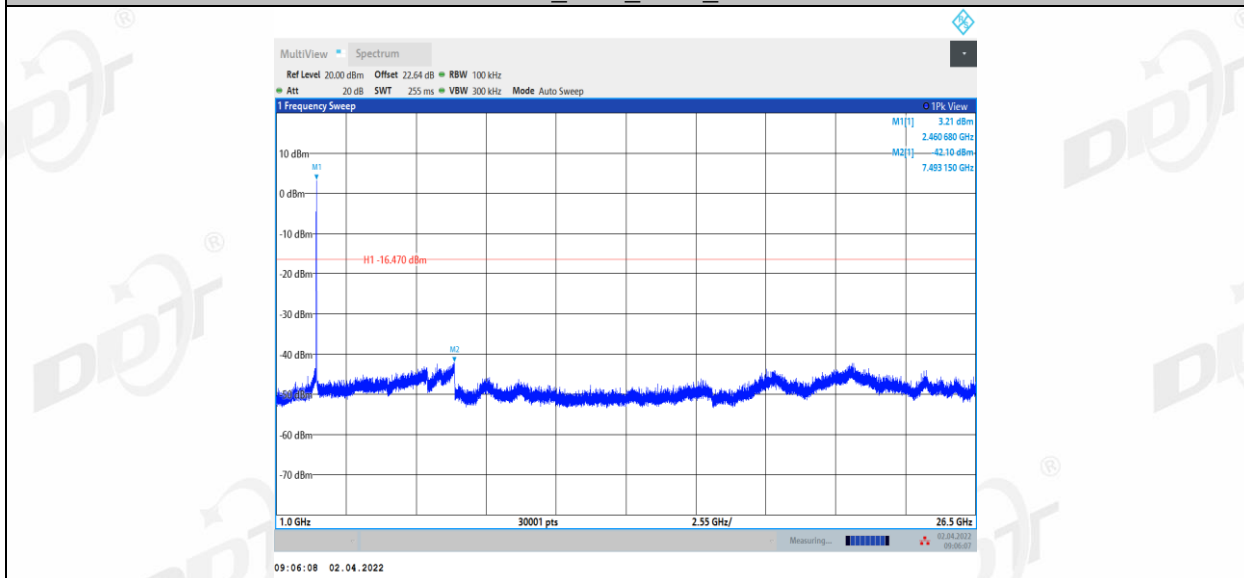
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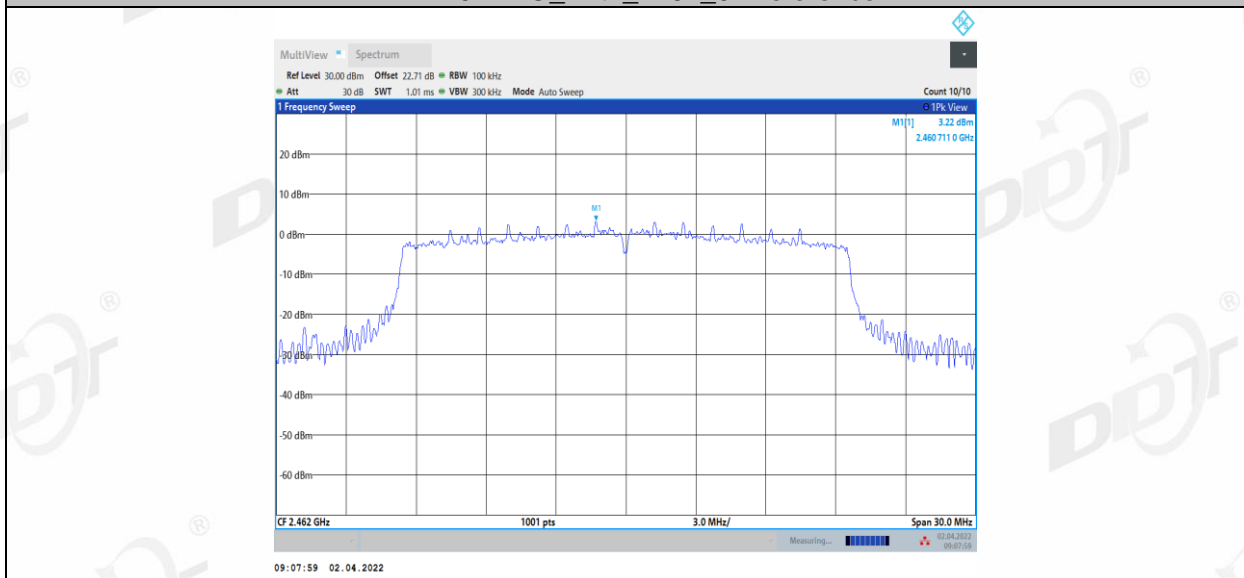
11AX20MIMO_Ant1_2462_30~1000



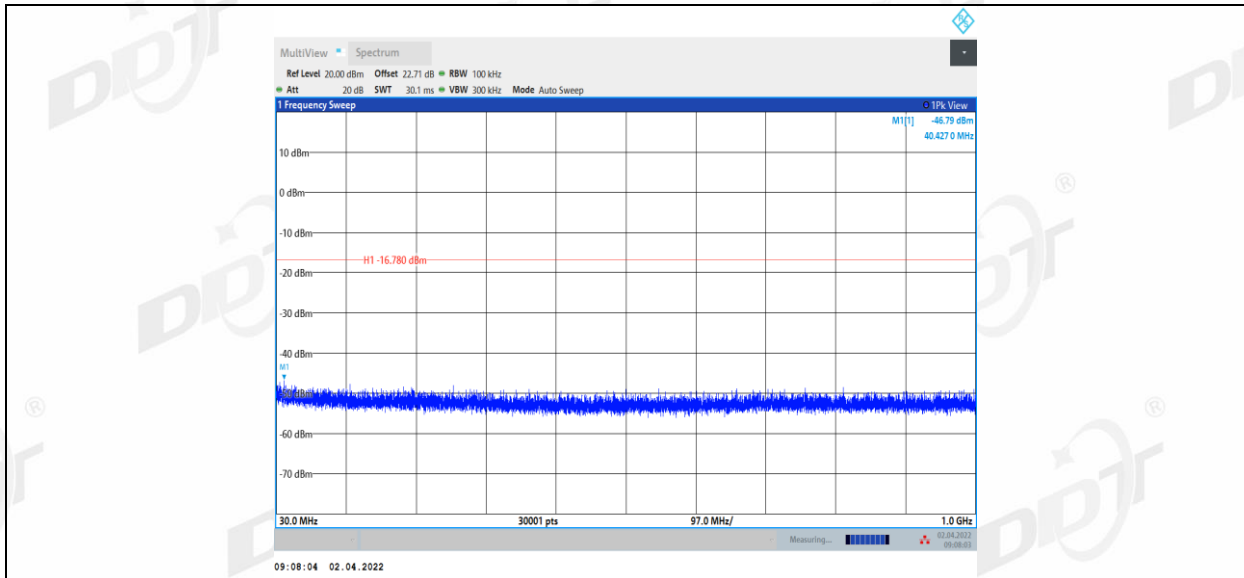
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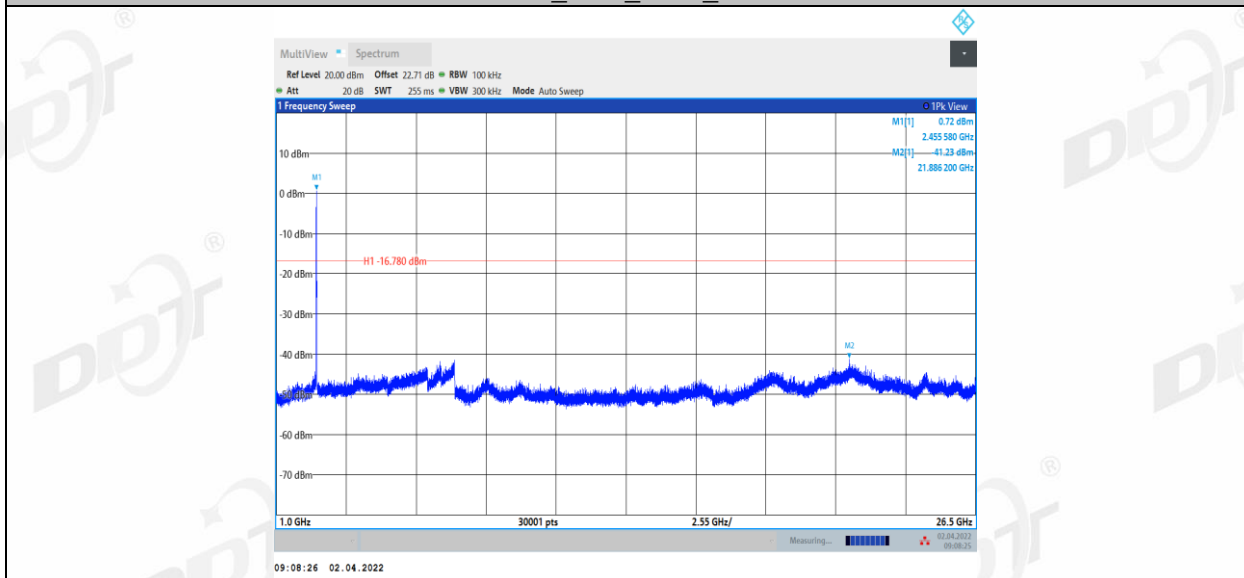
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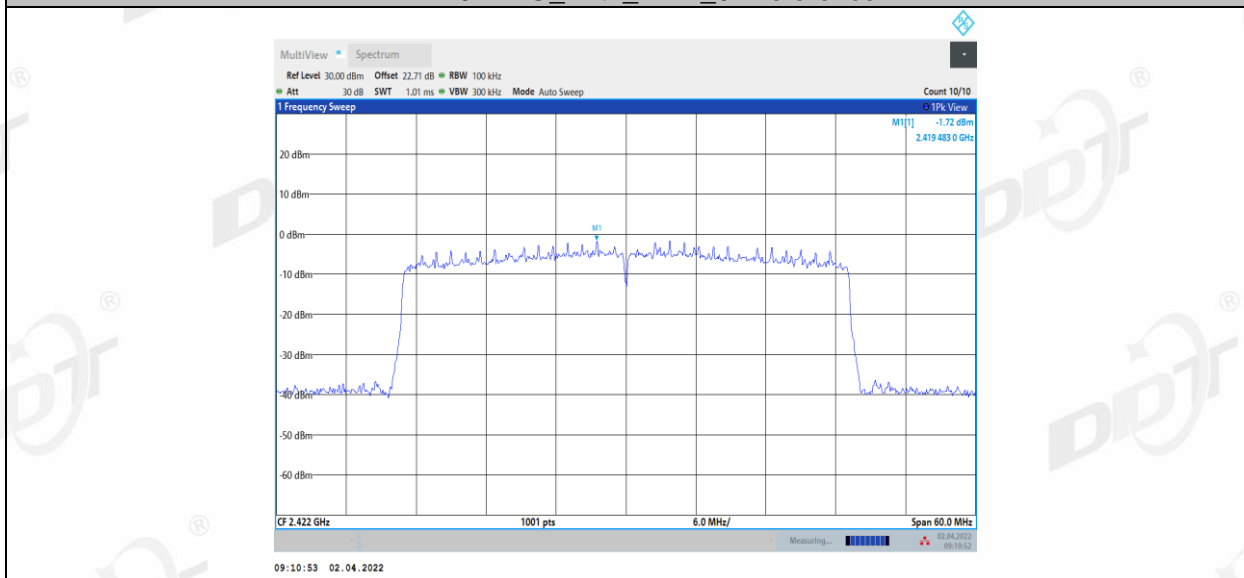
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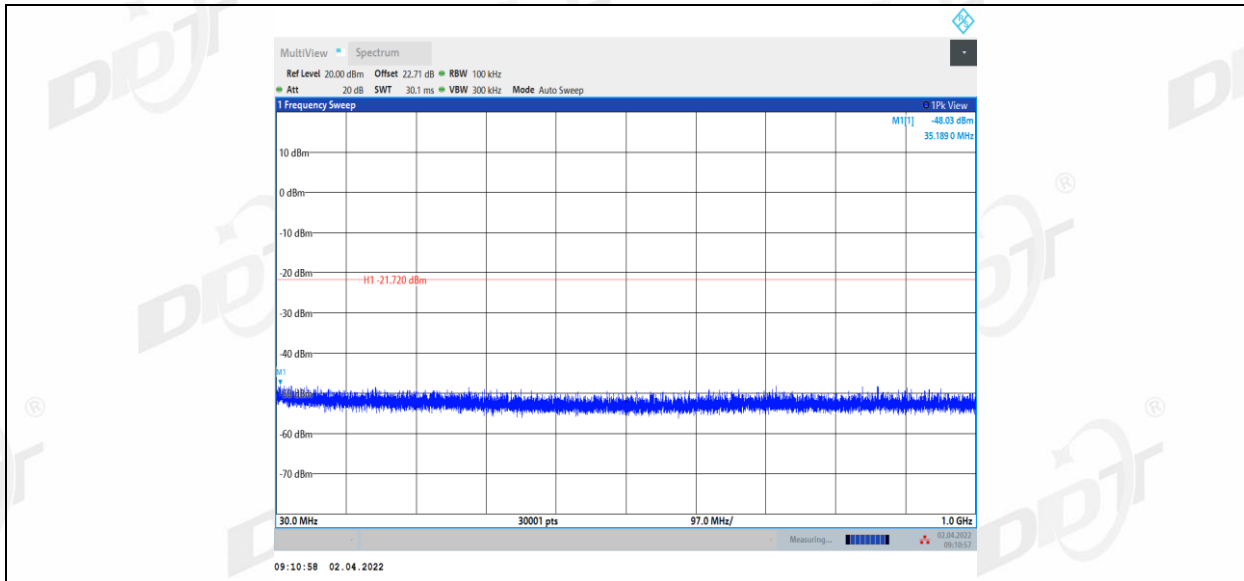
11AX20MIMO_Ant2_2462_1000~26500



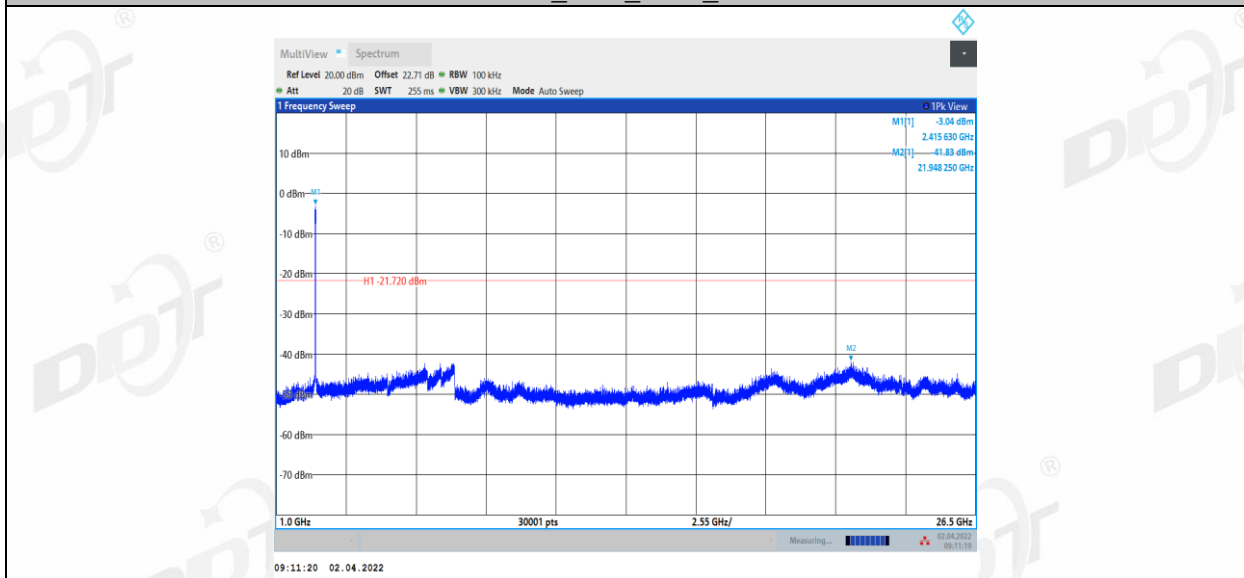
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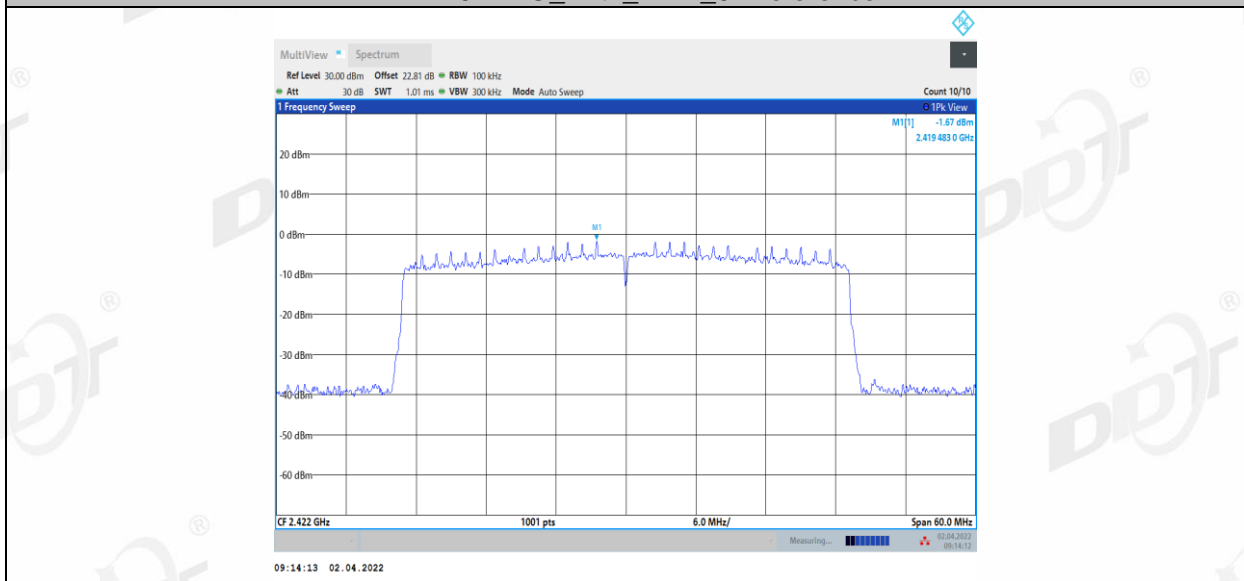
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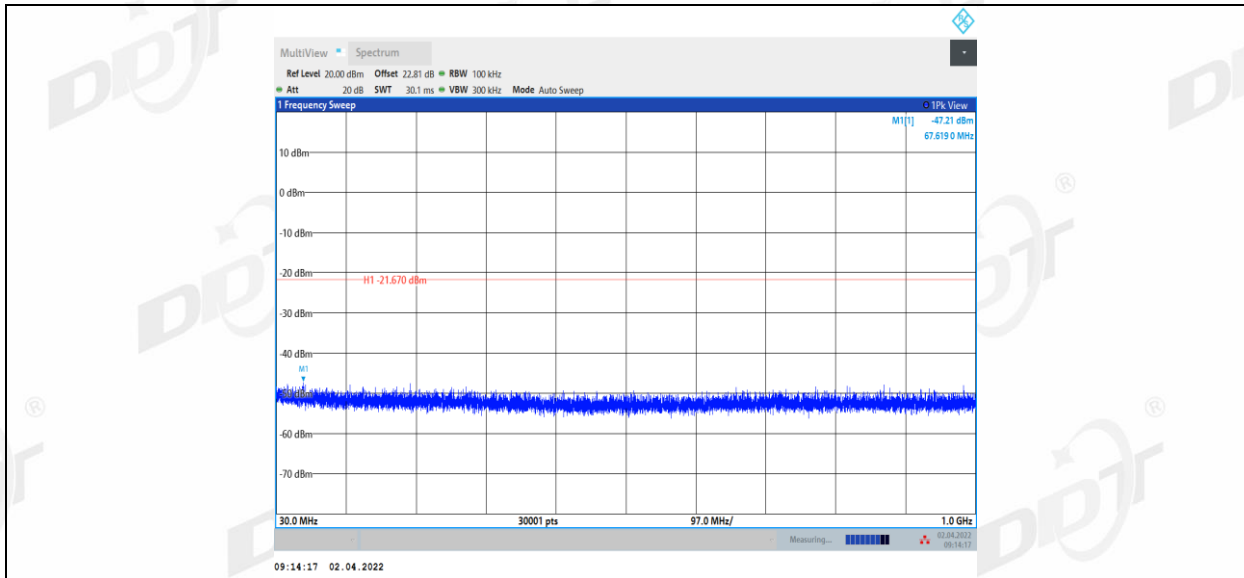
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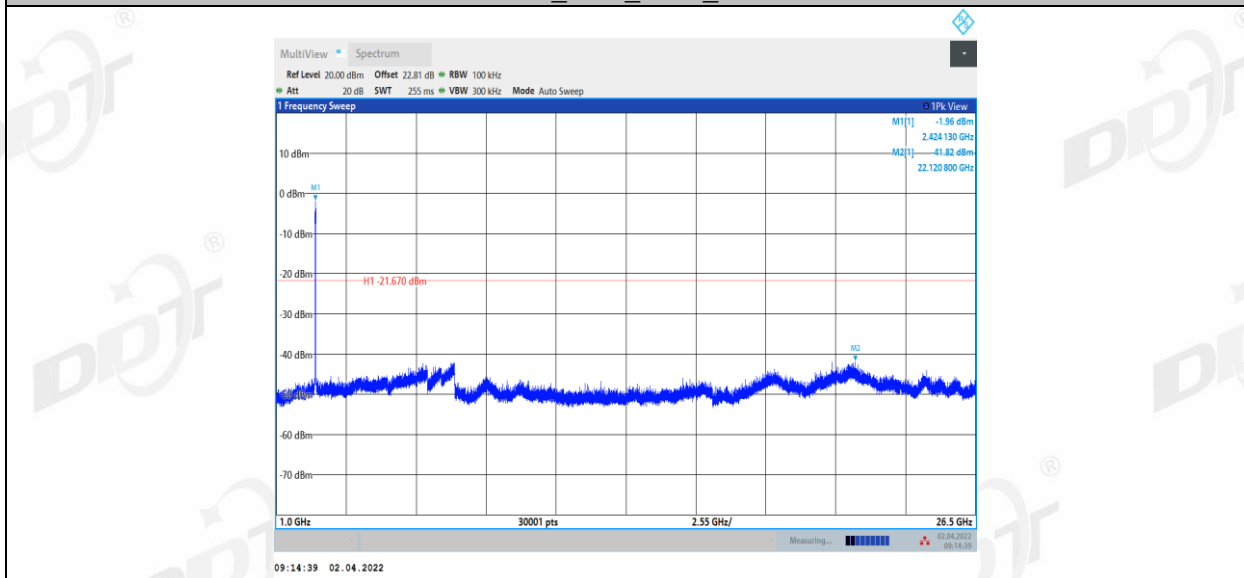
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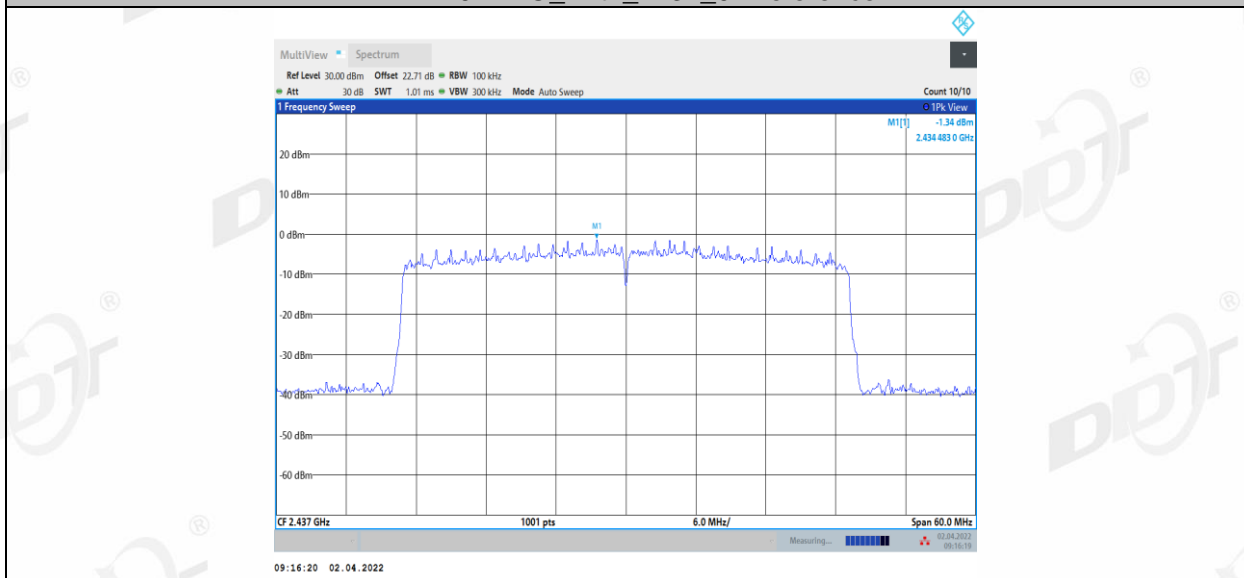
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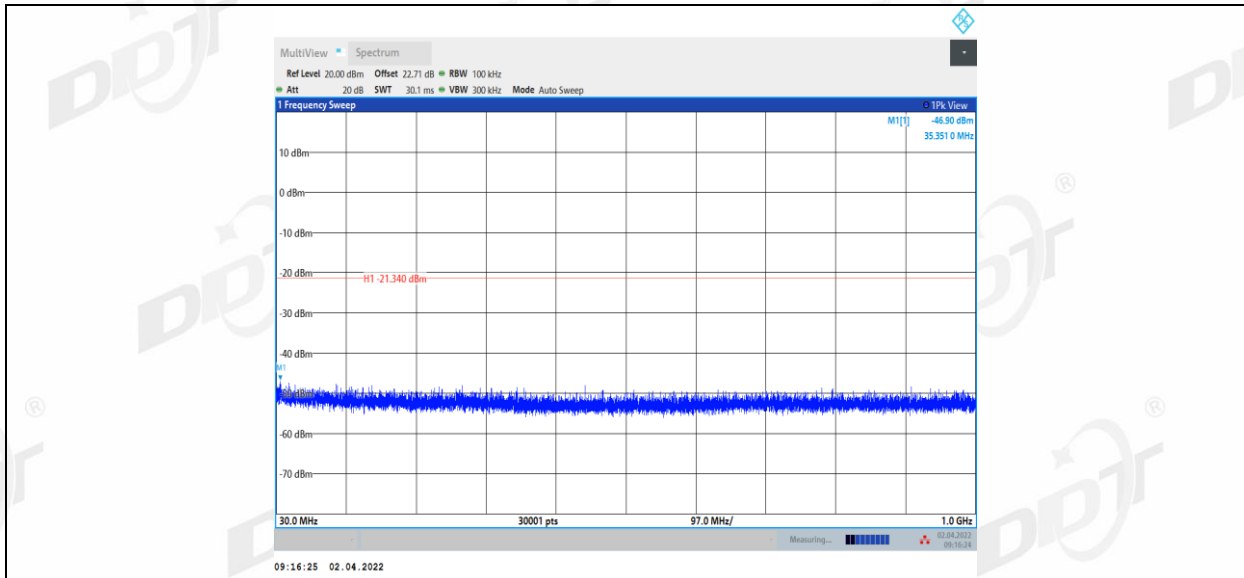
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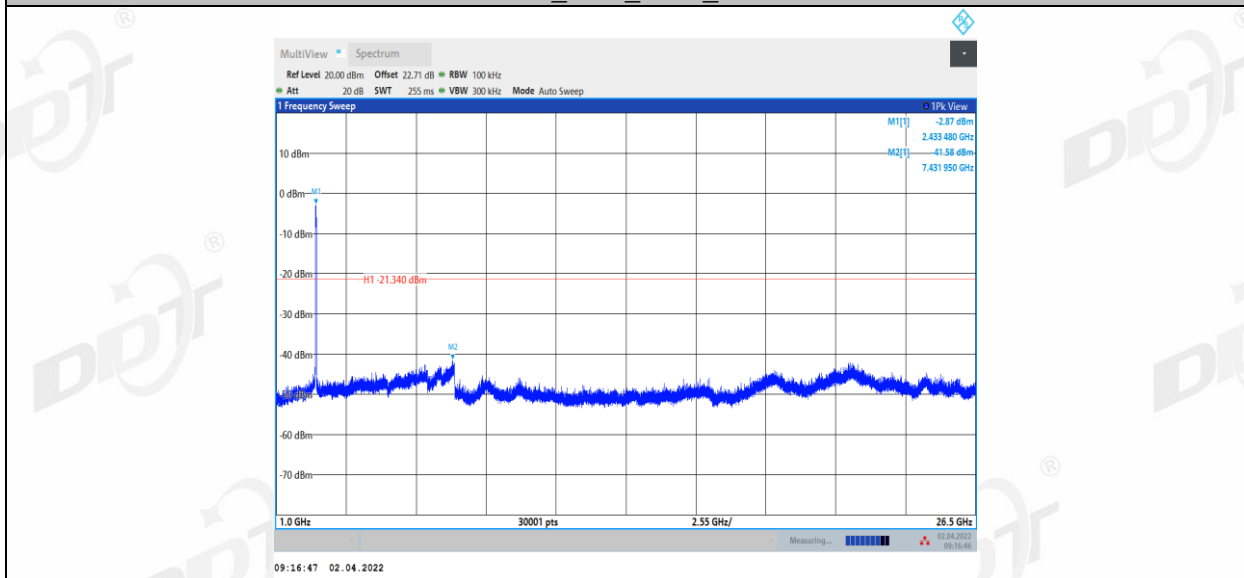
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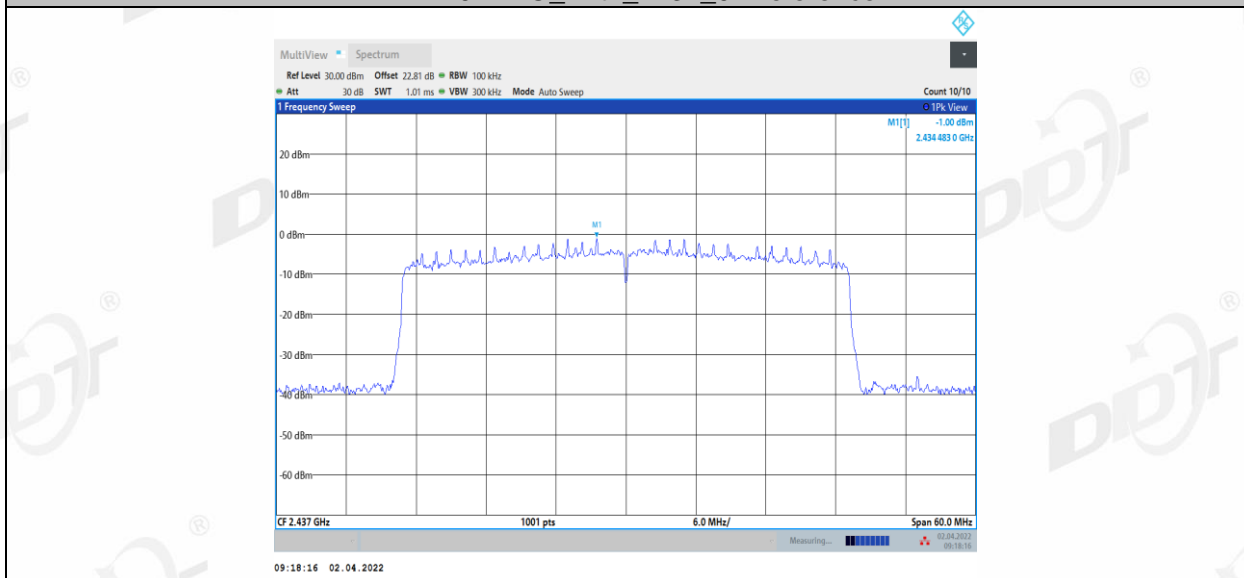
11AX40MIMO_Ant1_2437_30~1000



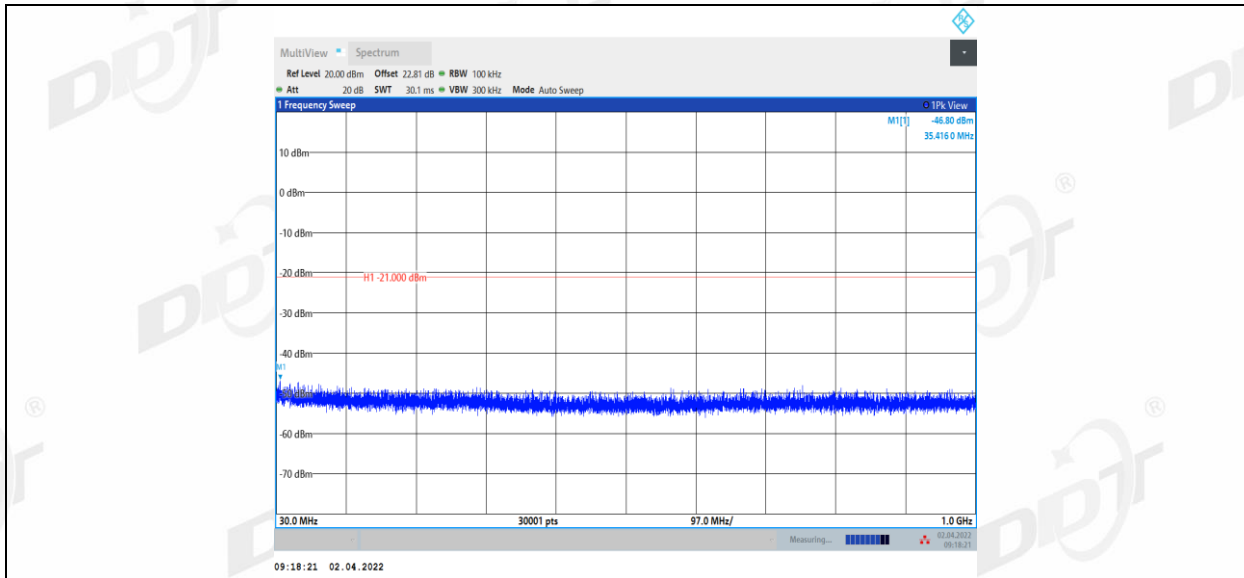
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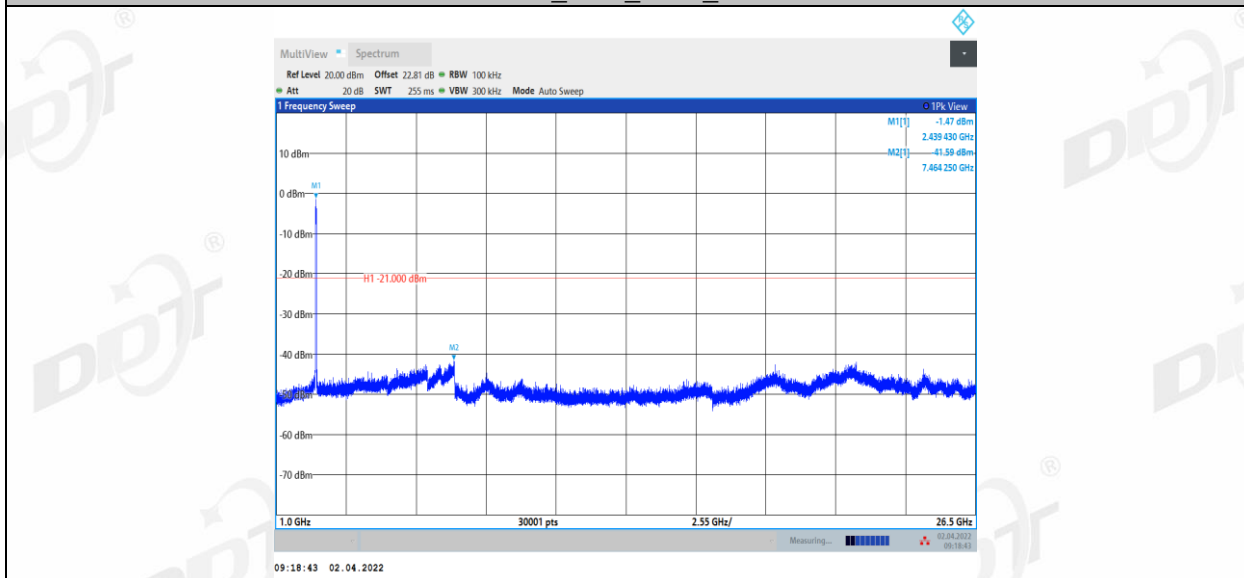
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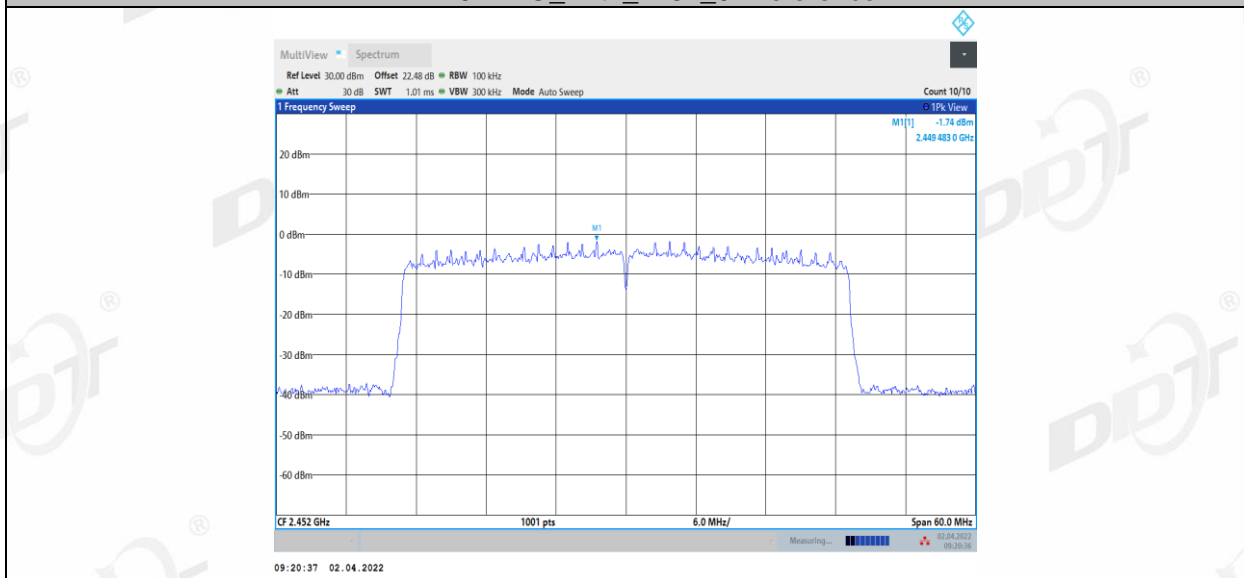
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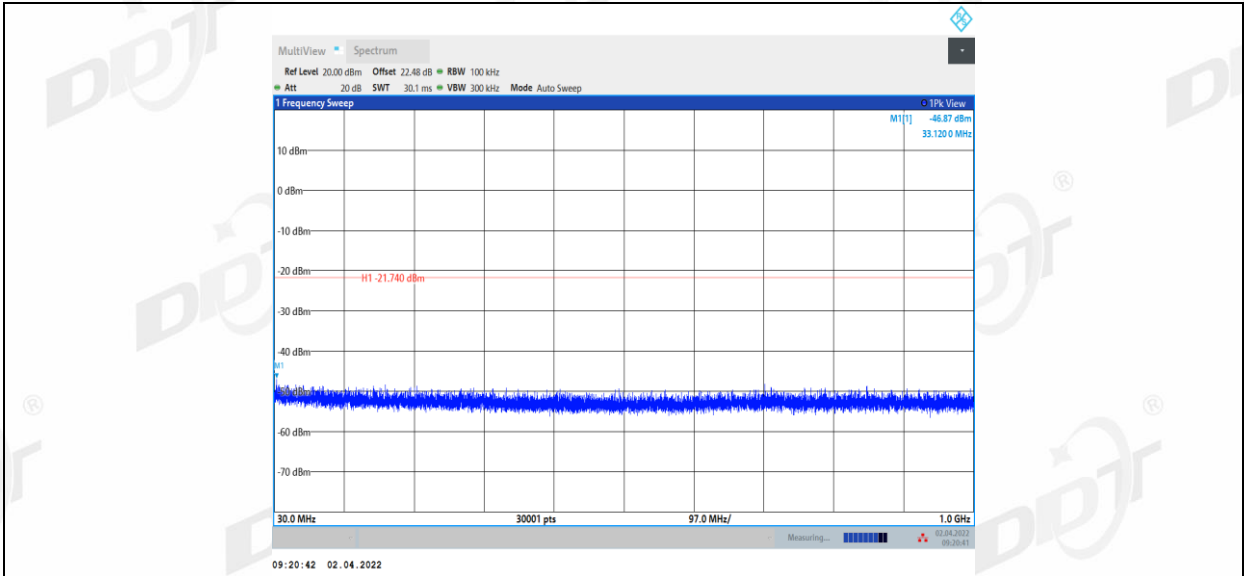
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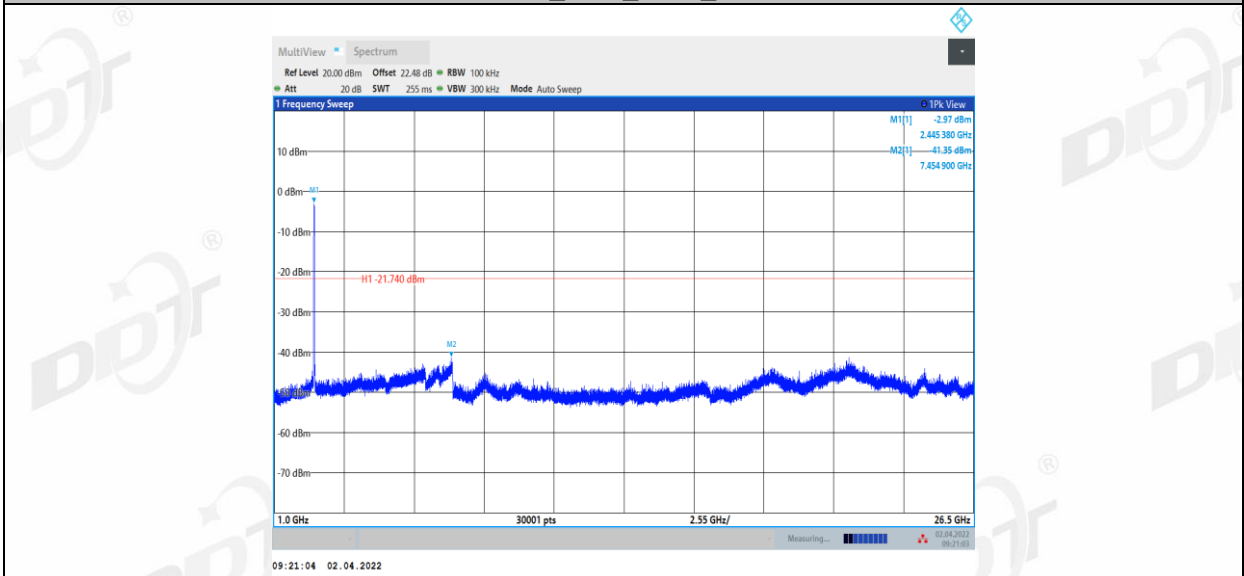
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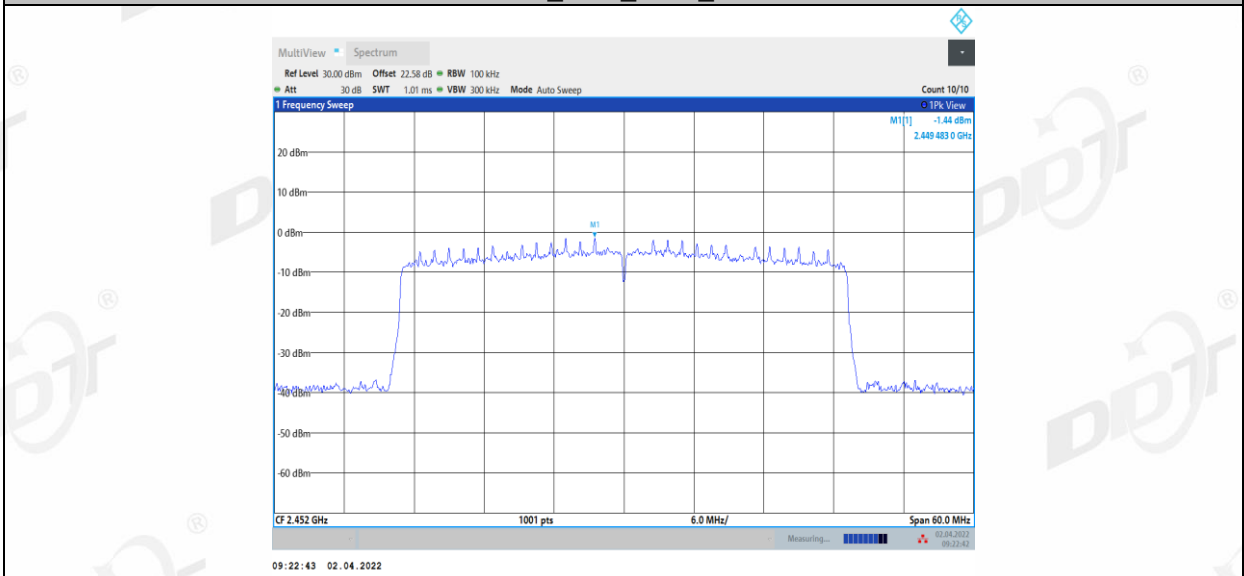
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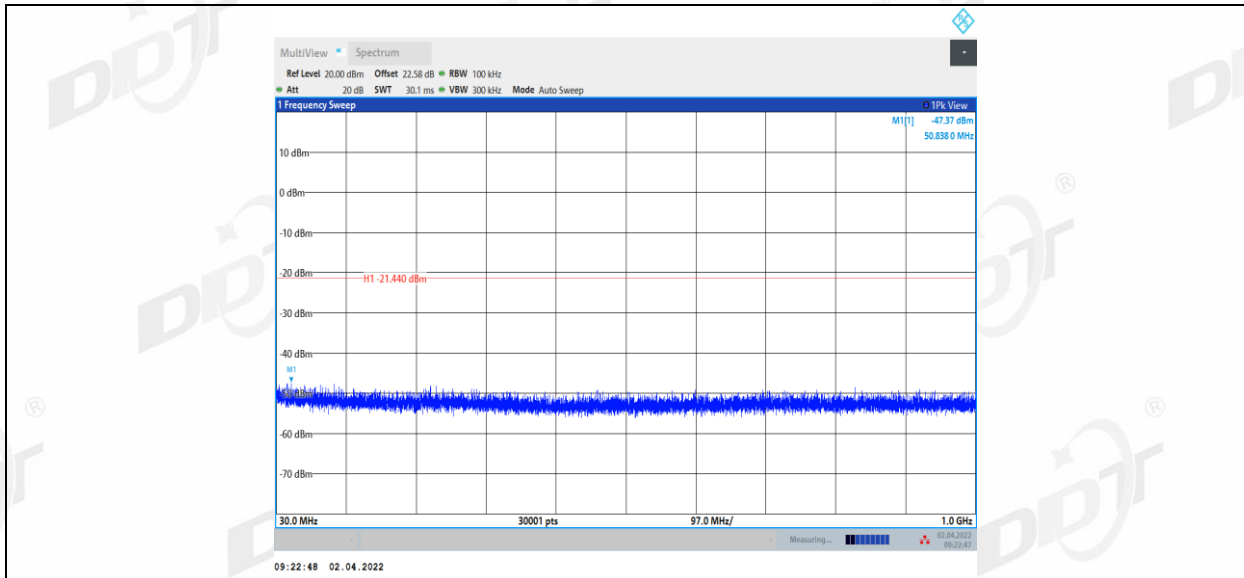
11AX40MIMO_Ant1_2452_1000~26500



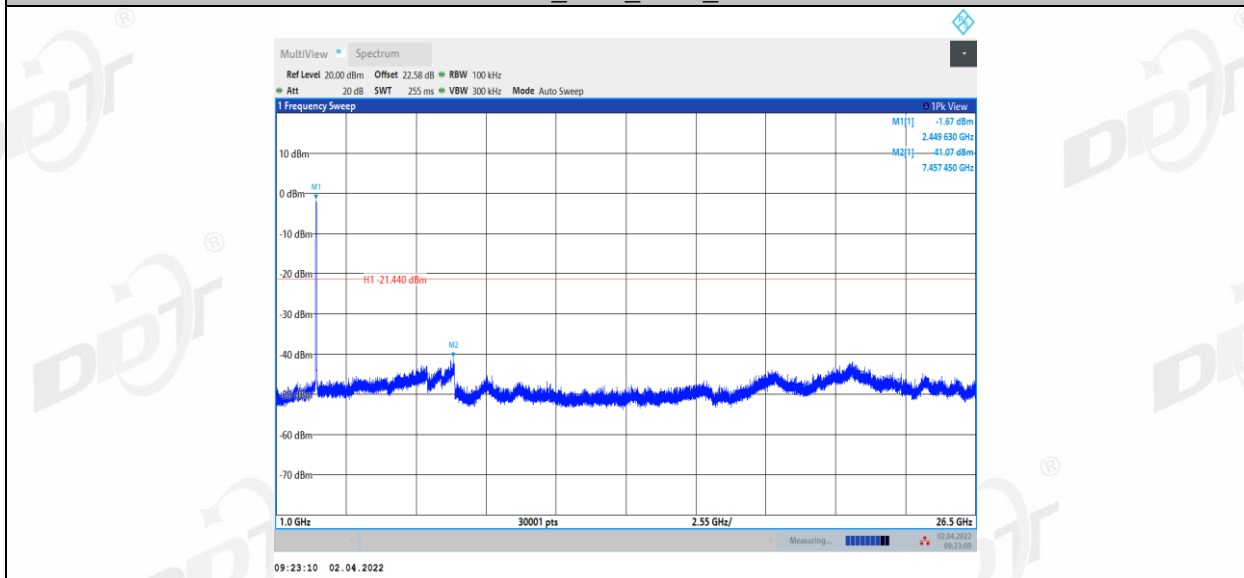
11AX40MIMO_Ant2_2452_0~Reference



11AX40MIMO_Ant2_2452_30~1000

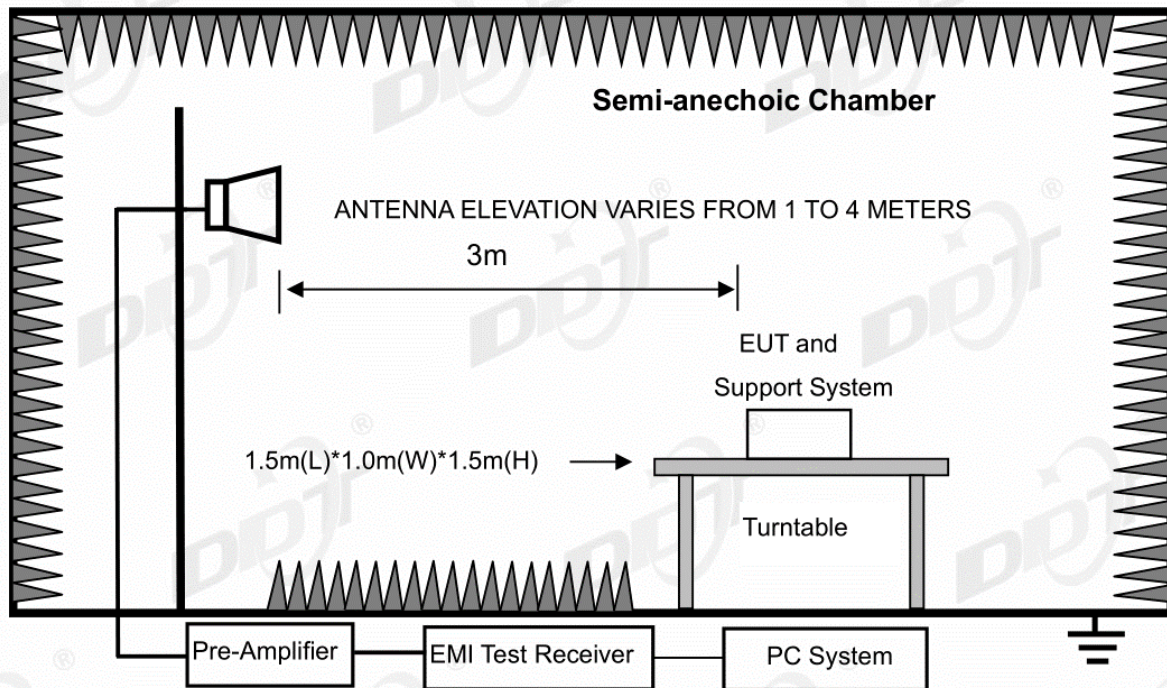


11AX40MIMO_Ant2_2452_1000~26500



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.

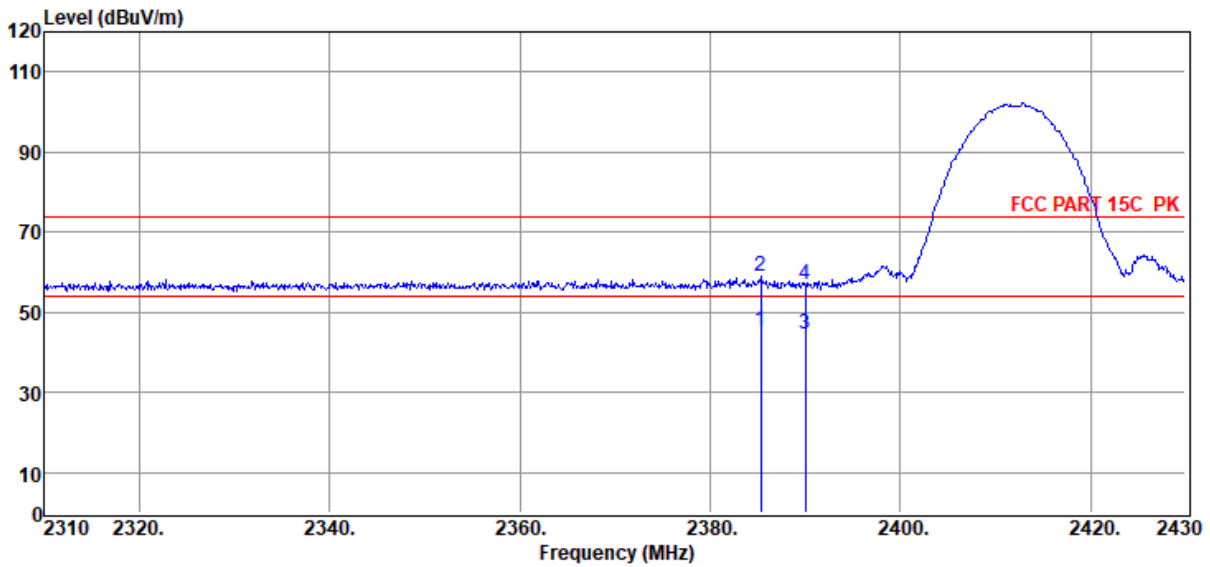
10.4. Test result

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



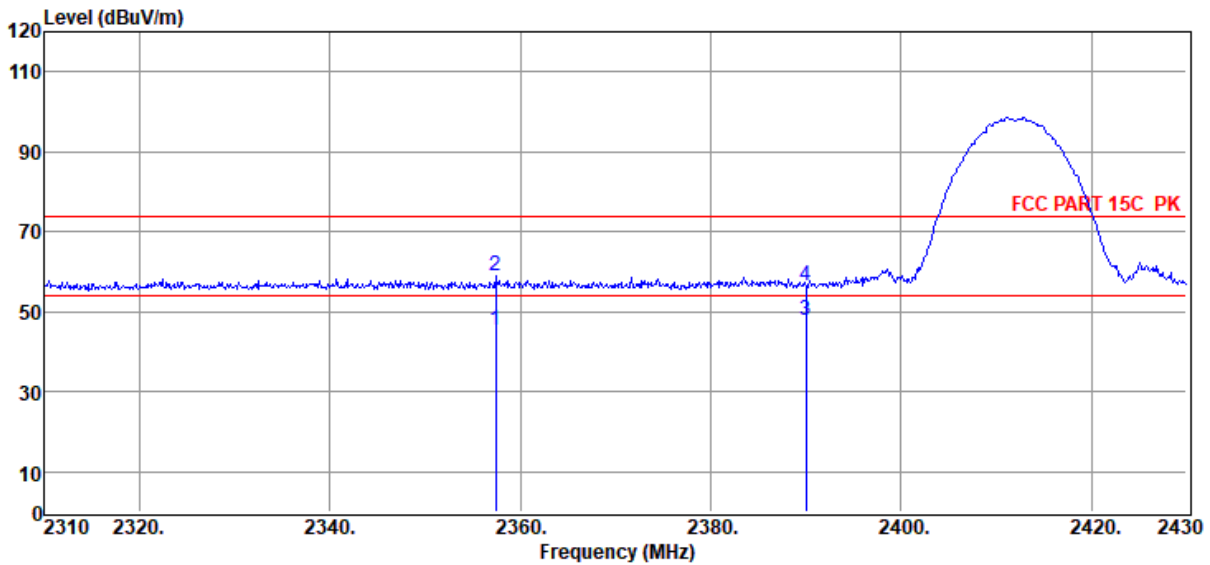
Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2385.36	34.97	27.39	39.59	1.71	0.72	45.20	54.00	-8.80	Average	HORIZONTAL
2	2385.36	48.75	27.39	39.59	1.71	0.72	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# 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 ANT1

Data: 2



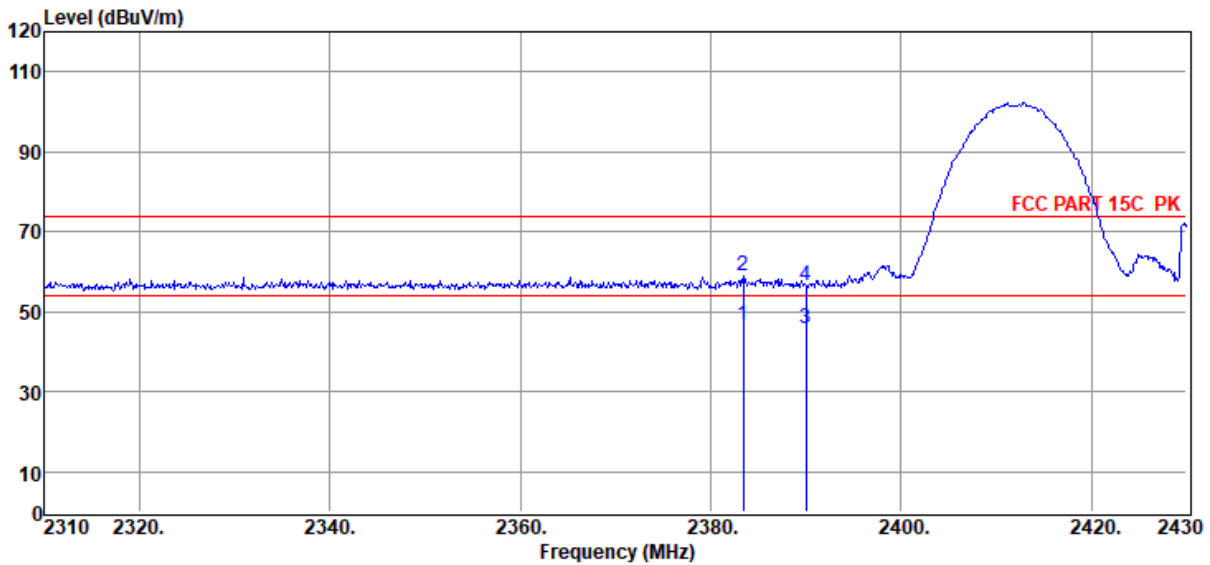
Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	2357.40	35.16	27.34	39.58	1.70	0.72	45.34	54.00	-8.66	Average	VERTICAL
2	2357.40	48.66	27.34	39.58	1.70	0.72	58.84	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



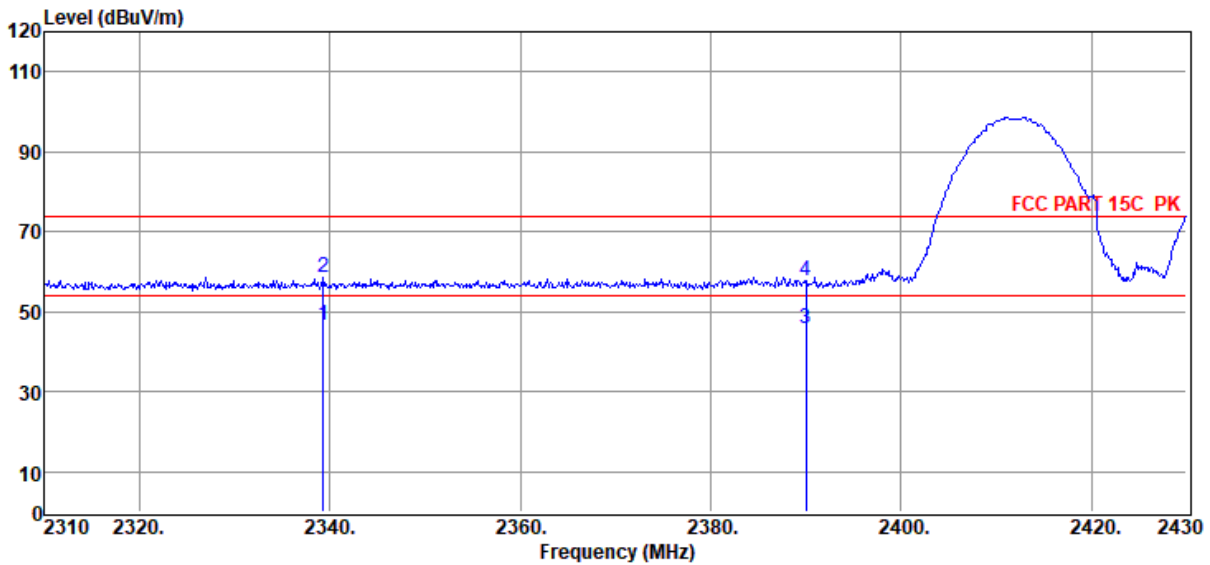
Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	2383.44	36.22	27.39	39.59	1.71	0.72	46.45	54.00	-7.55	Average	HORIZONTAL
2	2383.44	48.55	27.39	39.59	1.71	0.72	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 (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	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

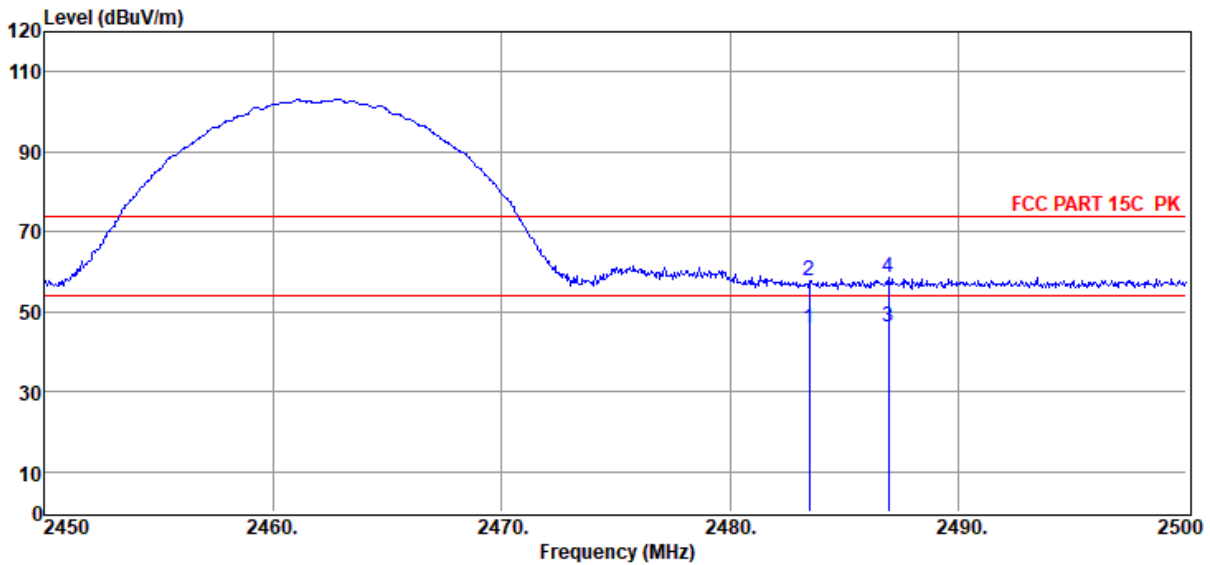
Test Mode : TX Mode

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 (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	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

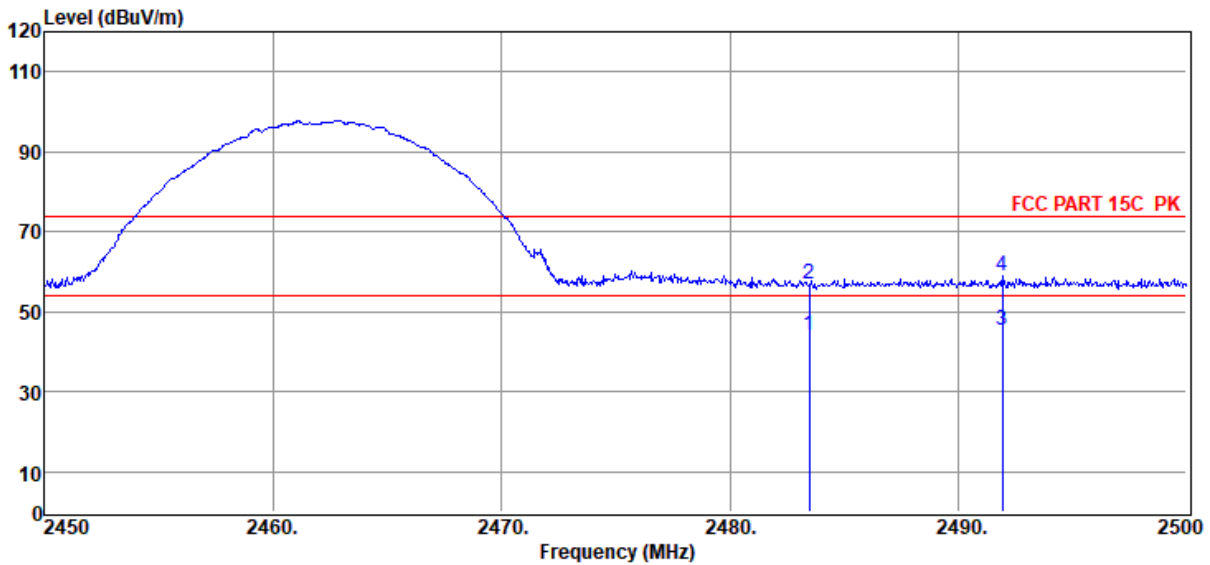
Test Mode : TX Mode

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

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

Memo : 11B 2462 ANT1

Data: 6



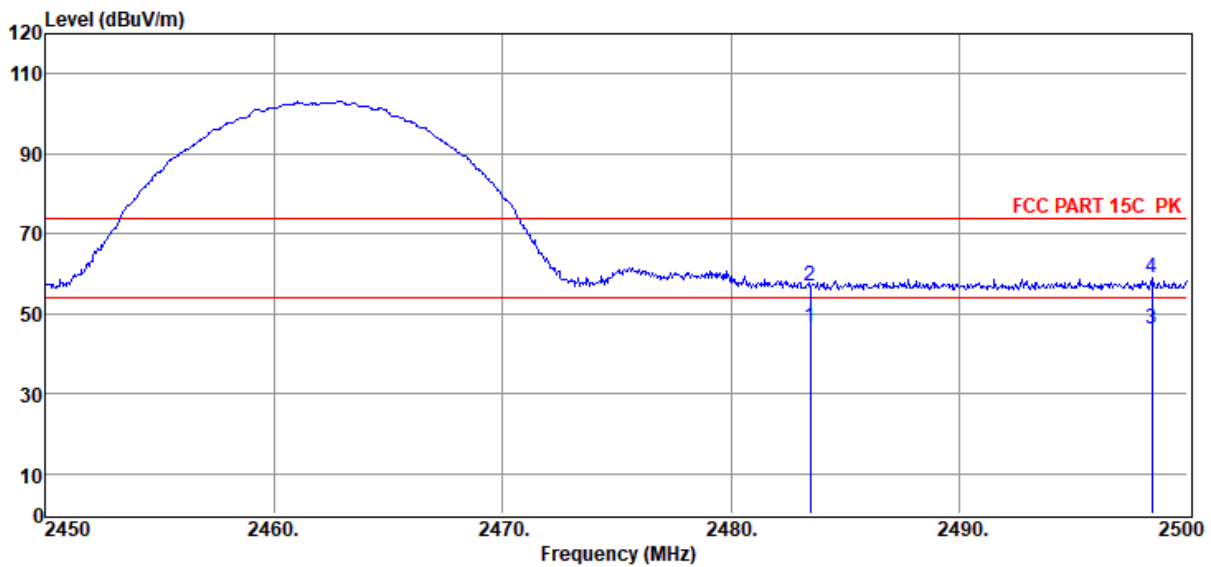
Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2483.50	33.73	27.57	39.64	1.74	0.73	44.13	54.00	-9.87	Average	VERTICAL
2	2483.50	46.37	27.57	39.64	1.74	0.73	56.77	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# 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 ANT2

Data: 7



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	36.38	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#

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

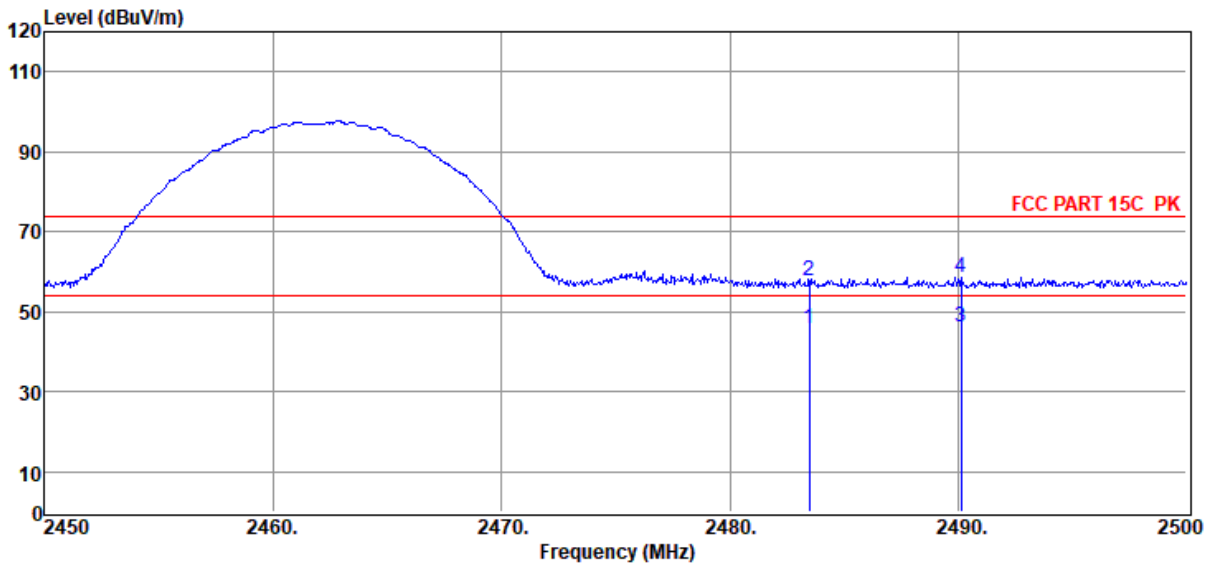
Test Mode : TX Mode

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

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

Memo : 11B 2462 ANT2

Data: 8



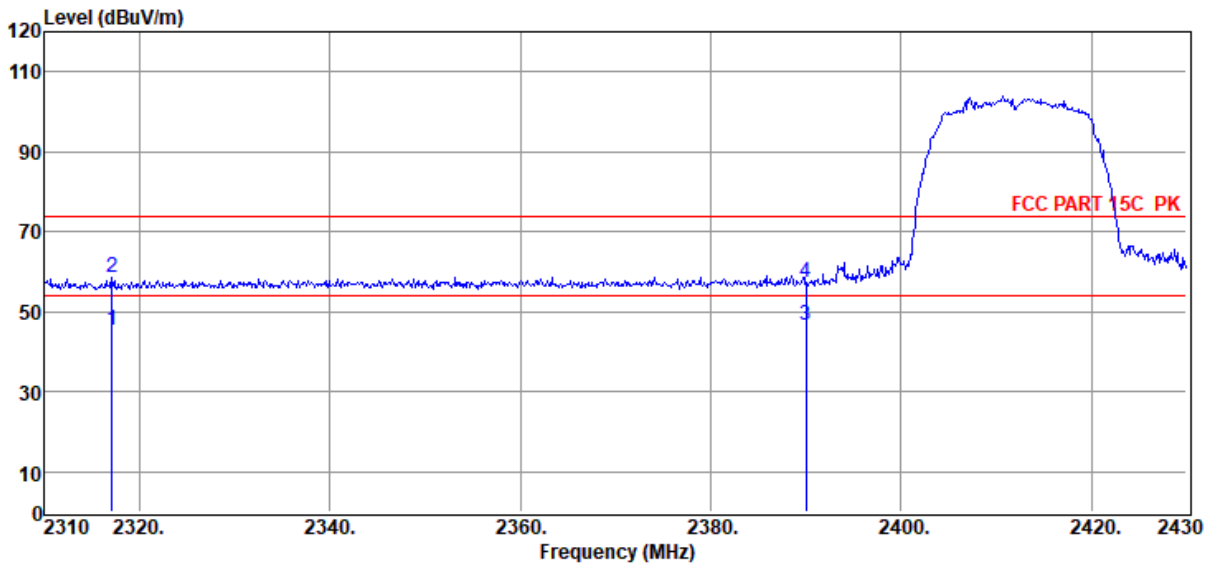
Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	2483.50	35.36	27.57	39.64	1.74	0.73	45.76	54.00	-8.24	Average	VERTICAL
2	2483.50	47.27	27.57	39.64	1.74	0.73	57.67	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# 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 2412 ANT1

Data: 9



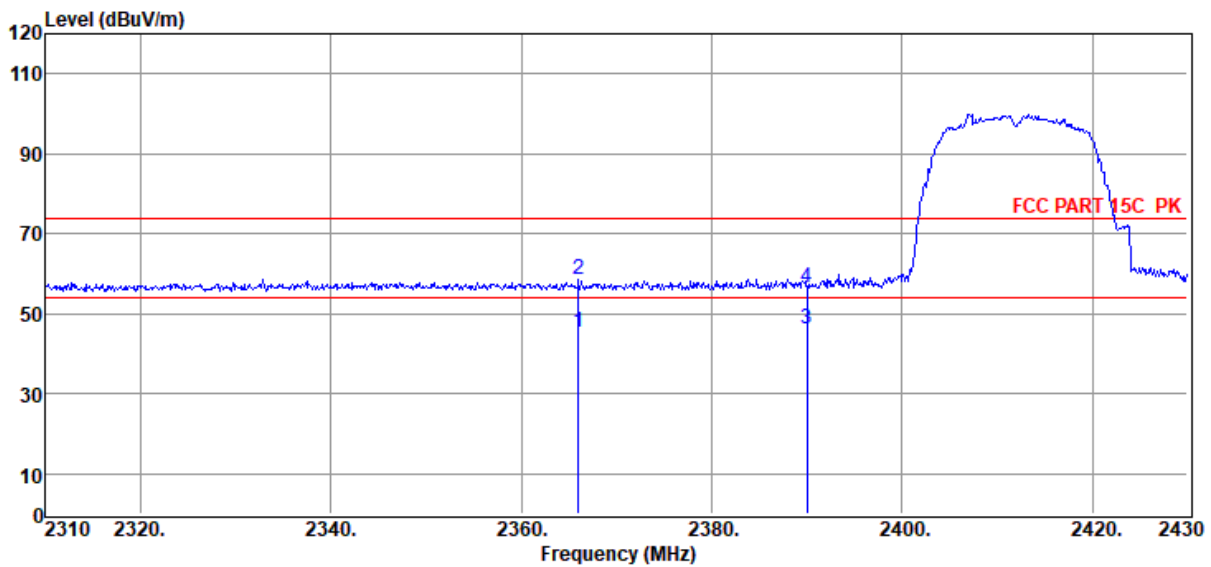
Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	2317.08	35.15	27.27	39.56	1.69	0.71	45.26	54.00	-8.74	Average	HORIZONTAL
2	2317.08	48.59	27.27	39.56	1.69	0.71	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



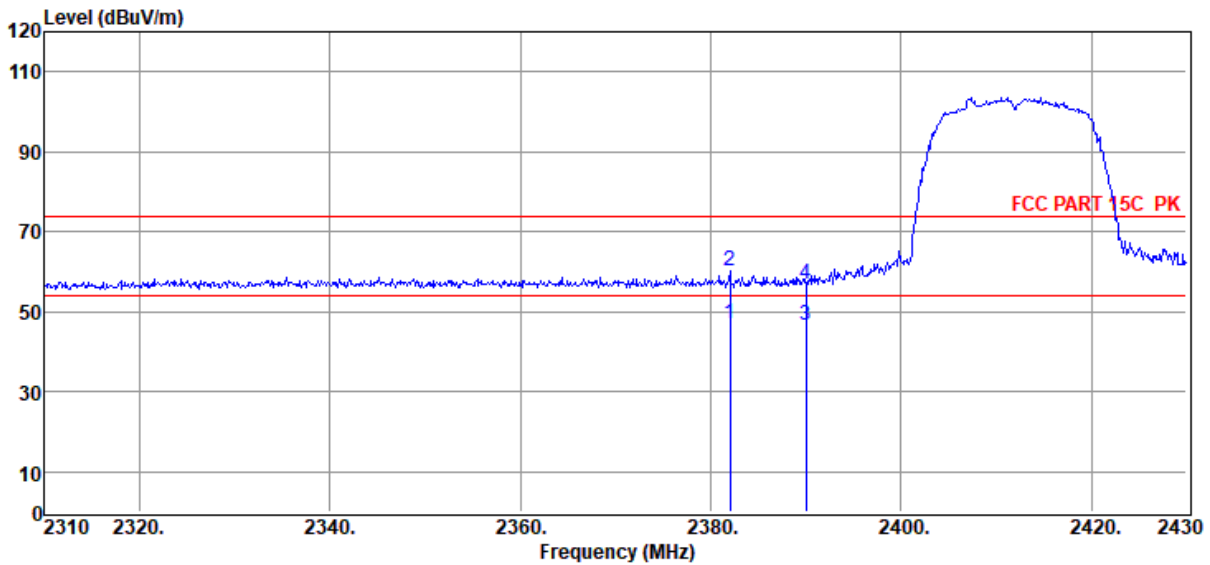
Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	2366.04	35.21	27.36	39.58	1.70	0.72	45.41	54.00	-8.59	Average	VERTICAL
2	2366.04	48.28	27.36	39.58	1.70	0.72	58.48	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# 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 2412 ANT2

Data: 11



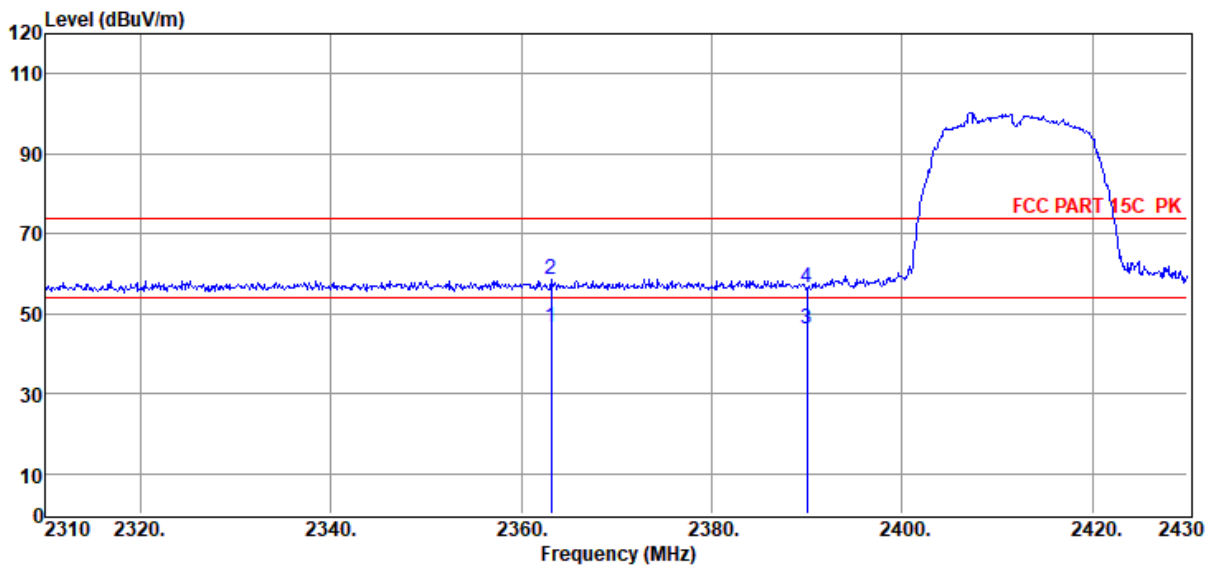
Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	2382.00	36.91	27.39	39.59	1.71	0.72	47.14	54.00	-6.86	Average	HORIZONTAL
2	2382.00	49.95	27.39	39.59	1.71	0.72	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# 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 ANT2

Data: 12



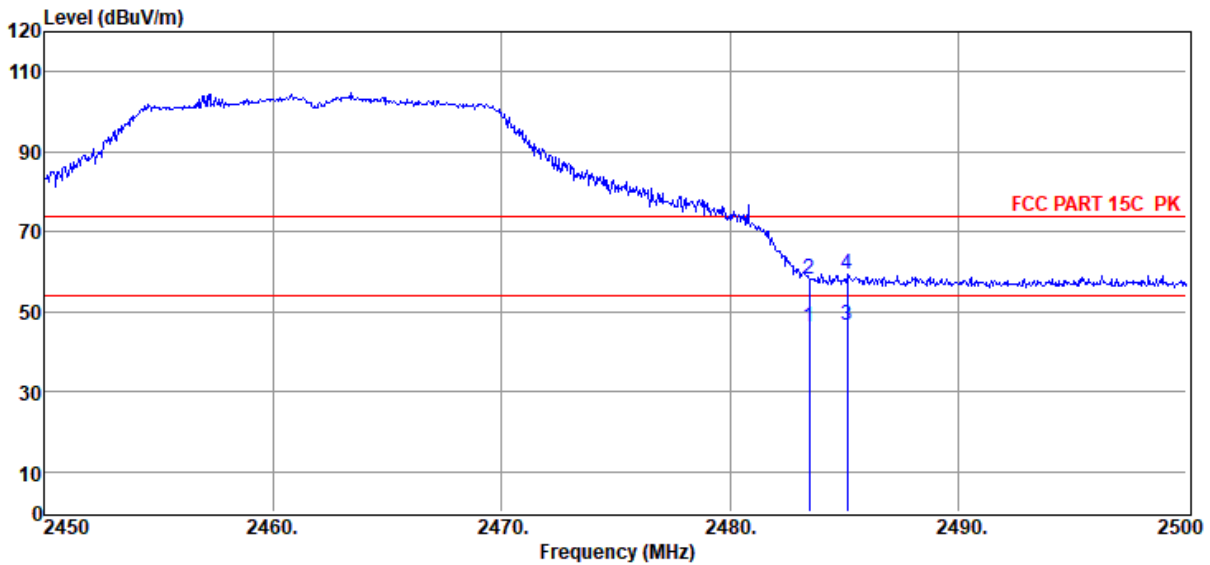
Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2363.16	36.27	27.35	39.58	1.70	0.72	46.46	54.00	-7.54	Average	VERTICAL
2	2363.16	48.55	27.35	39.58	1.70	0.72	58.74	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 (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	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

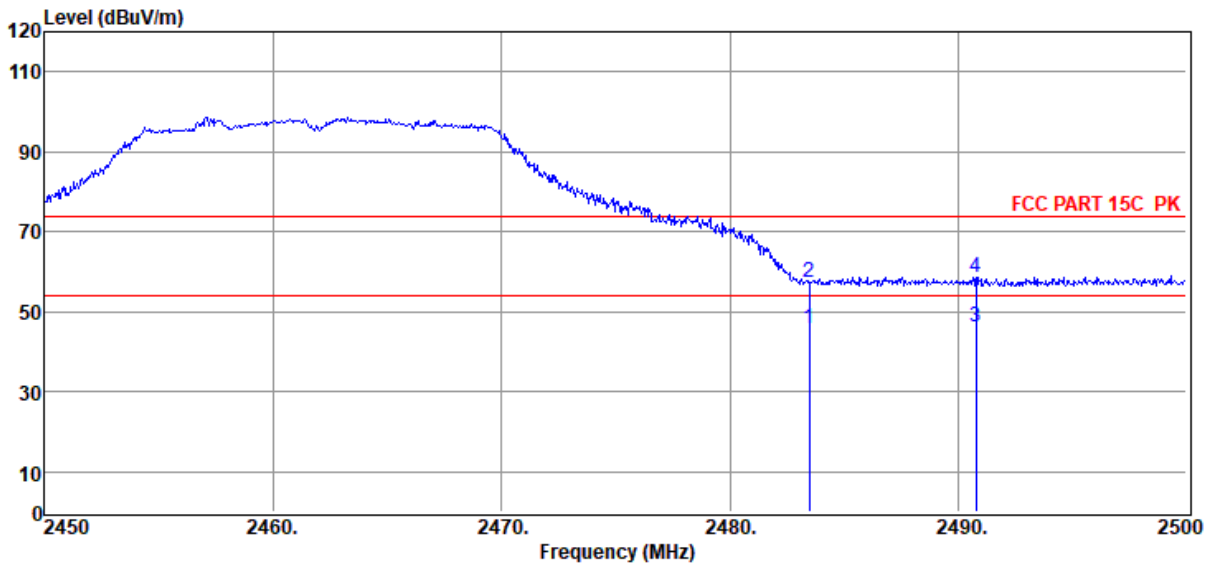
Test Mode : TX Mode

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

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

Memo : 11G 2462 ANT1

Data: 14



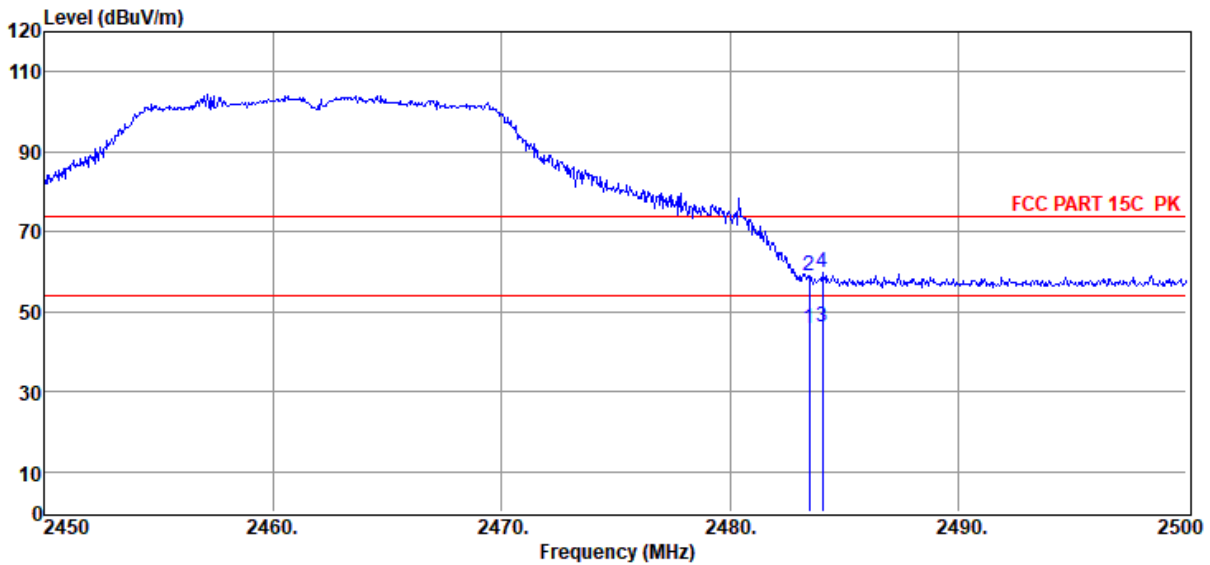
Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	2483.50	35.22	27.57	39.64	1.74	0.73	45.62	54.00	-8.38	Average	VERTICAL
2	2483.50	46.94	27.57	39.64	1.74	0.73	57.34	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



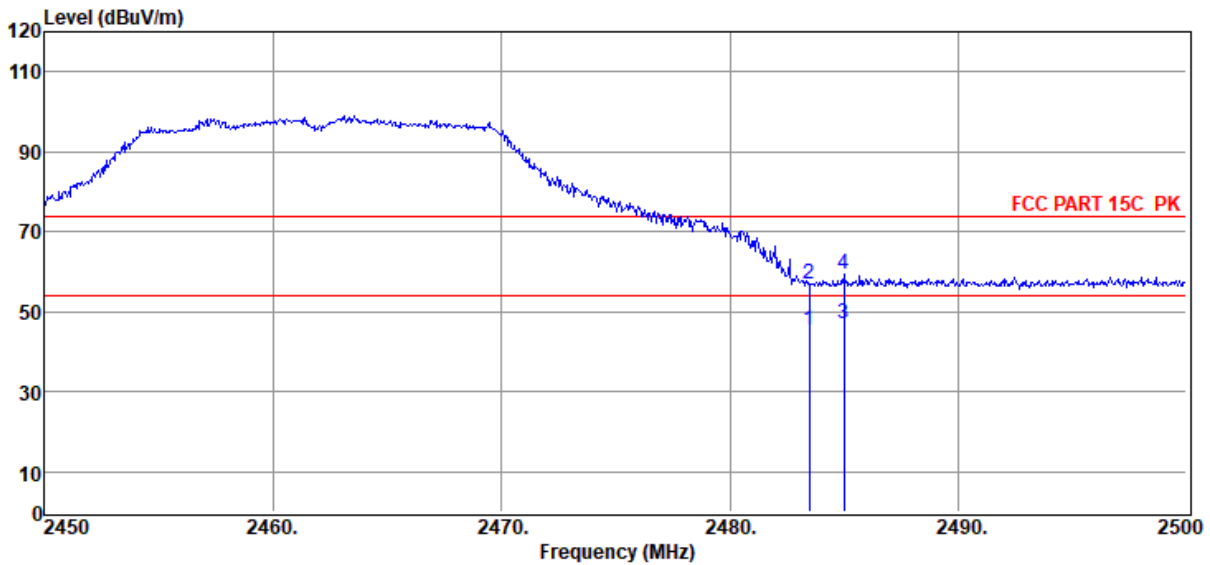
Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	2483.50	35.55	27.57	39.64	1.74	0.73	45.95	54.00	-8.05	Average	HORIZONTAL
2	2483.50	48.67	27.57	39.64	1.74	0.73	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#

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

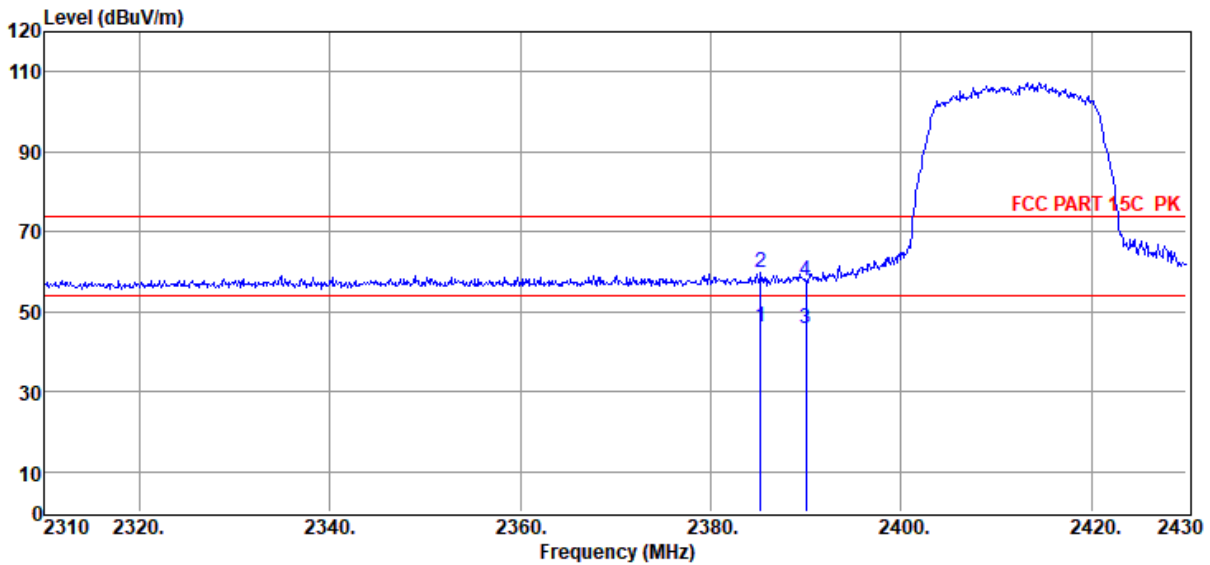
Test Mode : TX Mode

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

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

Memo : 11N20 2412

Data: 17



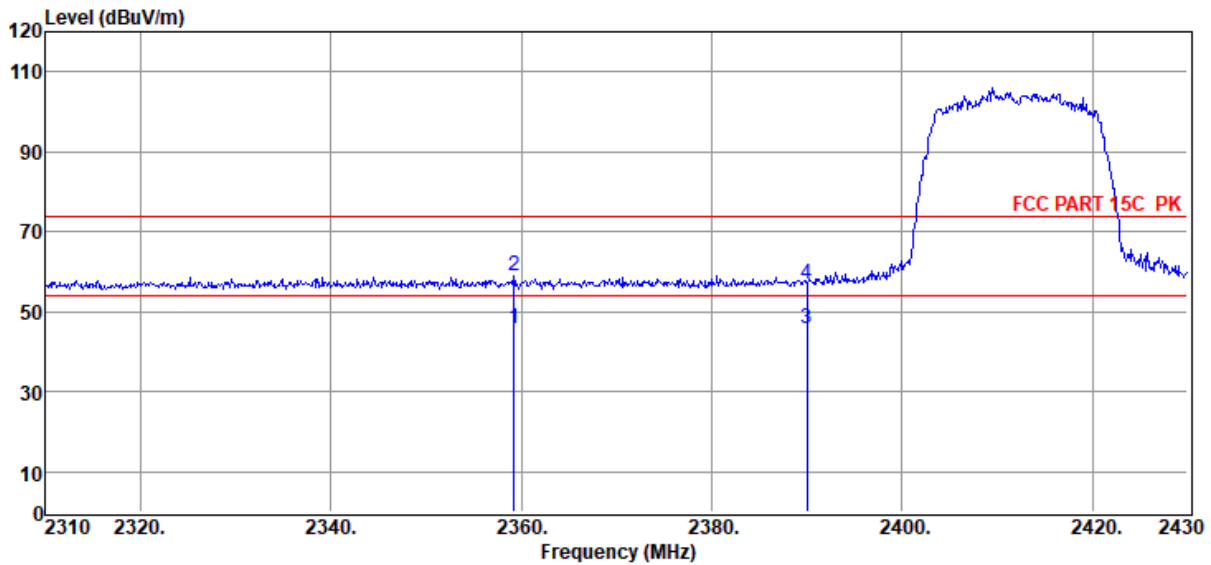
Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	2385.24	35.83	27.39	39.59	1.71	0.72	46.06	54.00	-7.94	Average	HORIZONTAL
2	2385.24	49.42	27.39	39.59	1.71	0.72	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



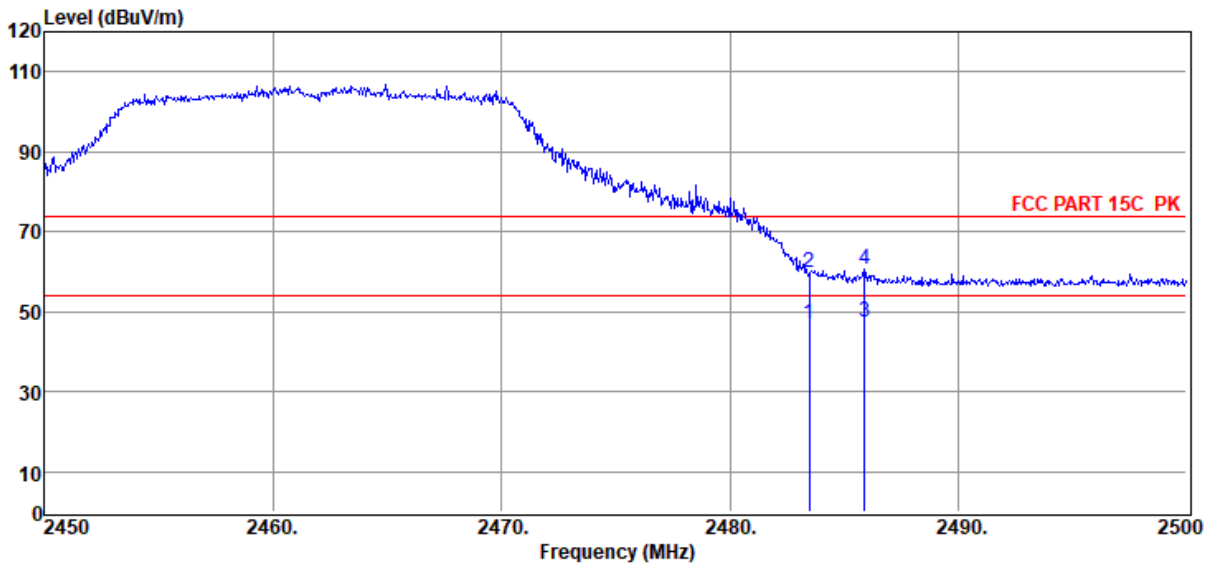
Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2359.20	35.79	27.35	39.58	1.70	0.72	45.98	54.00	-8.02	Average	VERTICAL
2	2359.20	48.84	27.35	39.58	1.70	0.72	59.03	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# 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 : 11N20 2462

Data: 19



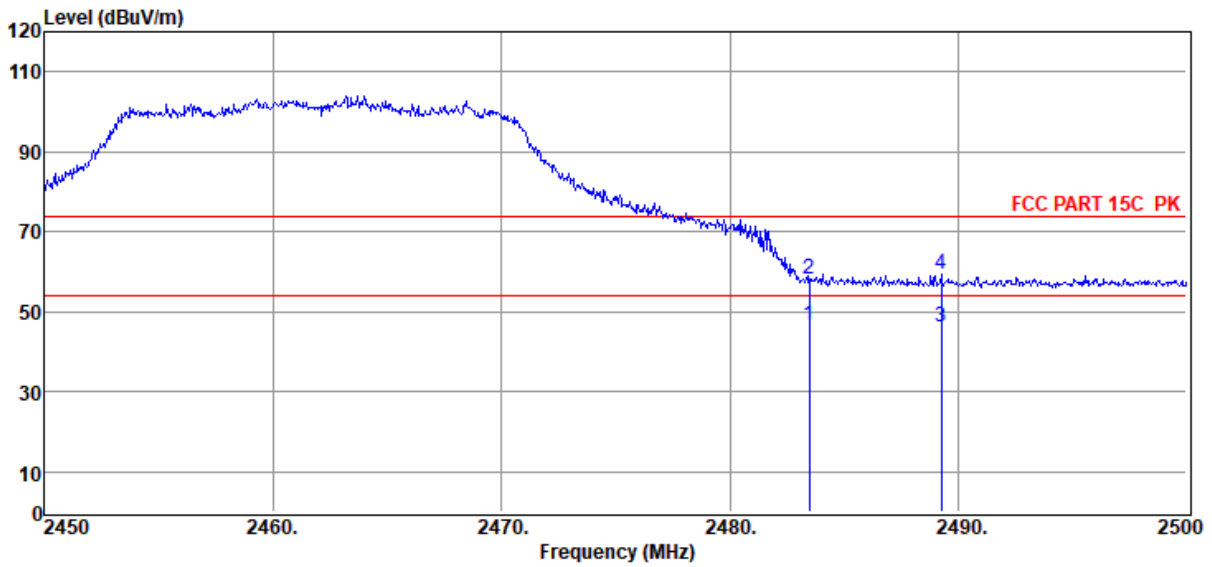
Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	2483.50	36.75	27.57	39.64	1.74	0.73	47.15	54.00	-6.85	Average	HORIZONTAL
2	2483.50	49.29	27.57	39.64	1.74	0.73	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 (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	36.21	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.