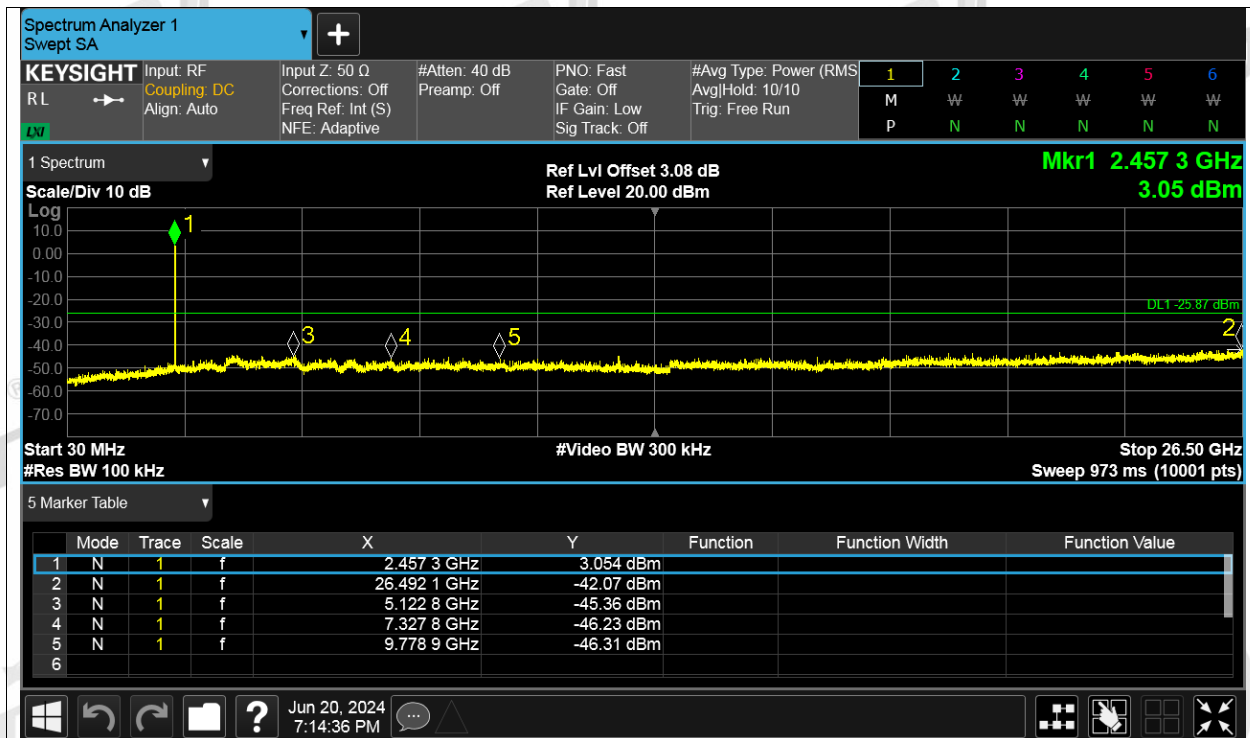
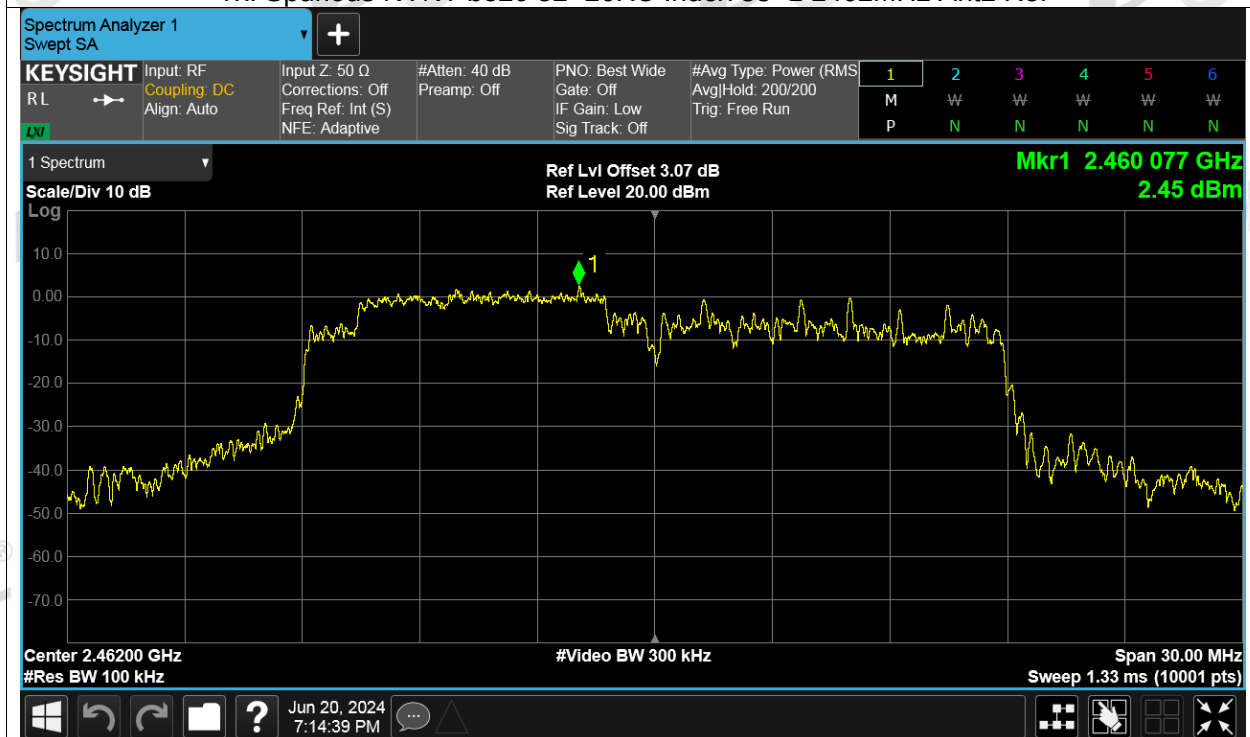
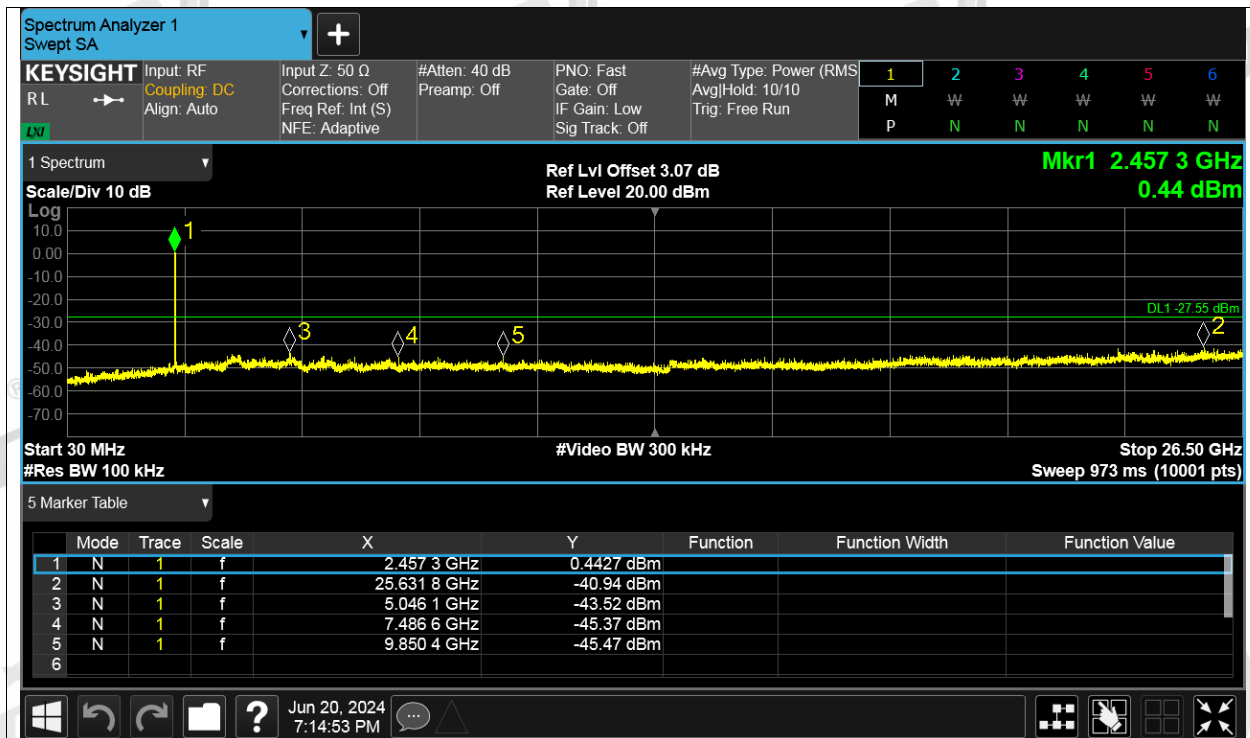




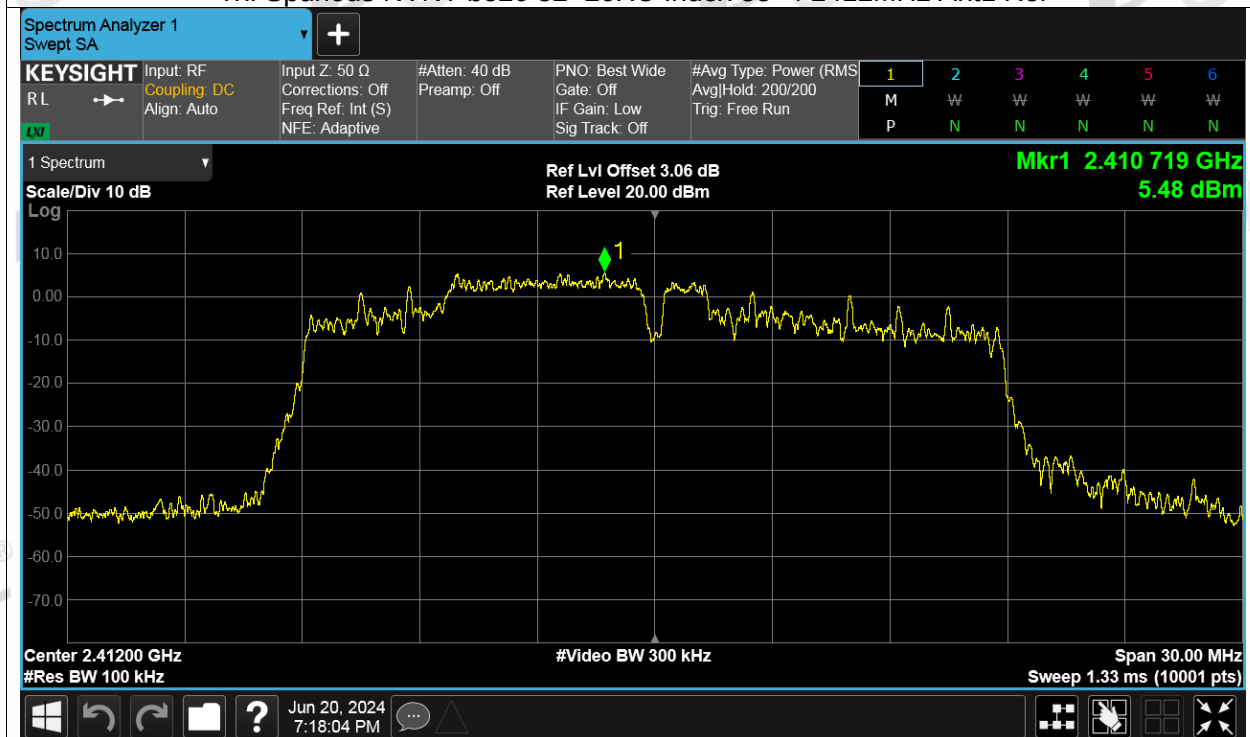
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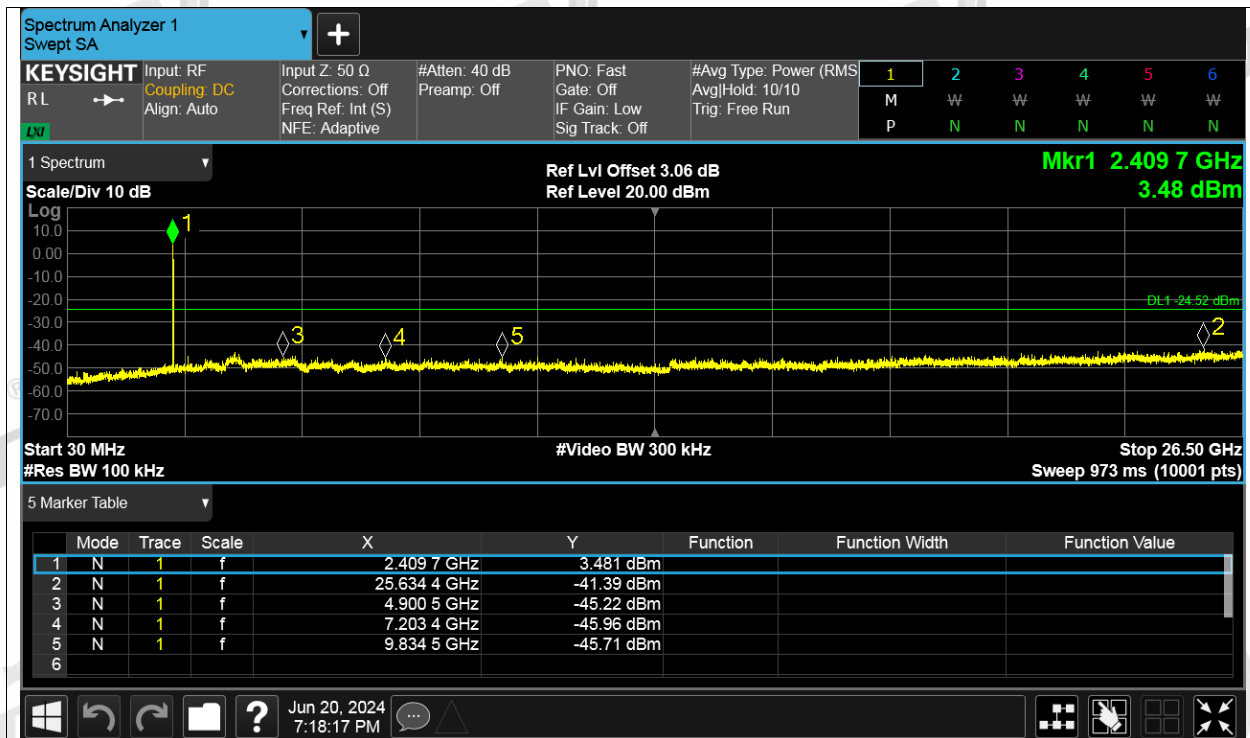
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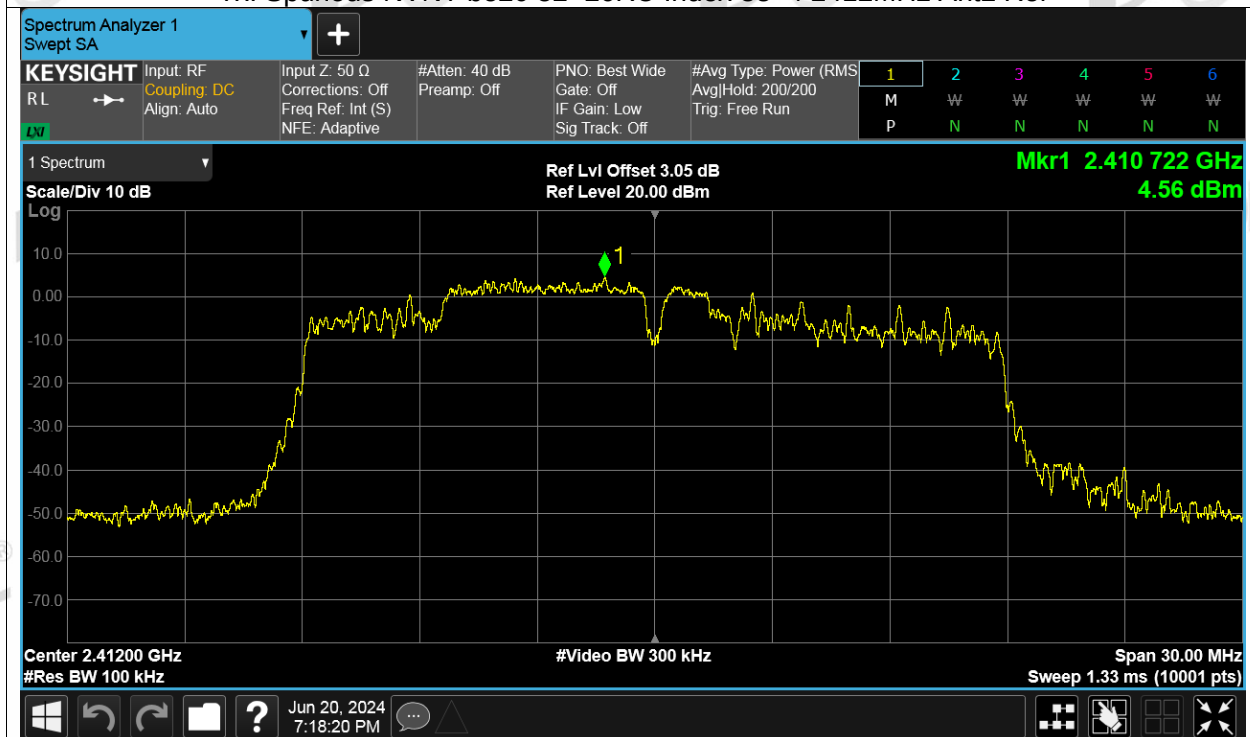
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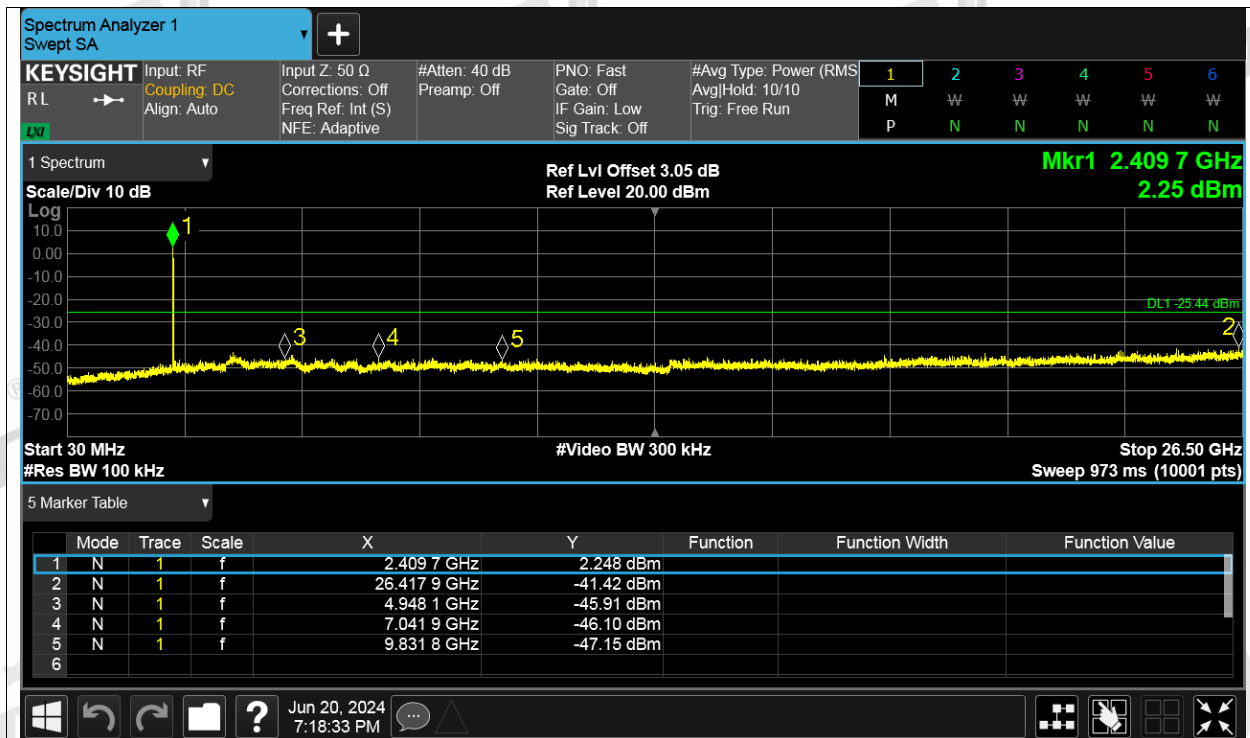
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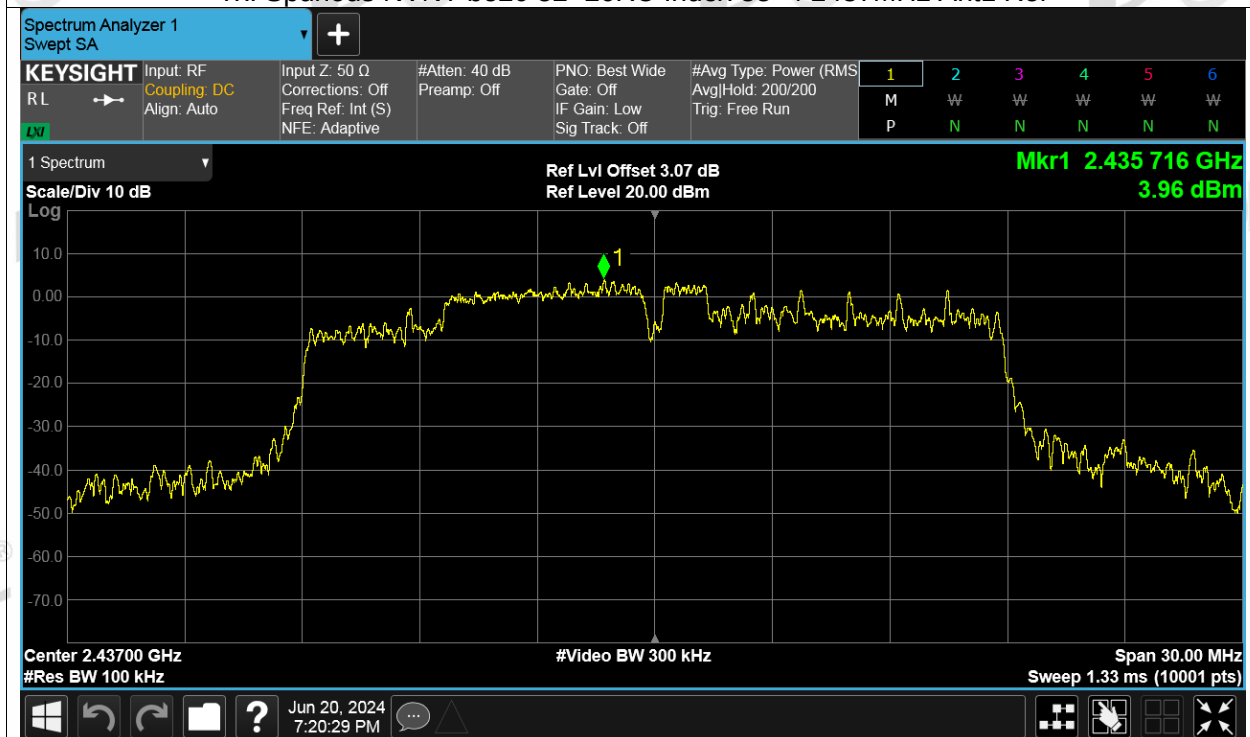
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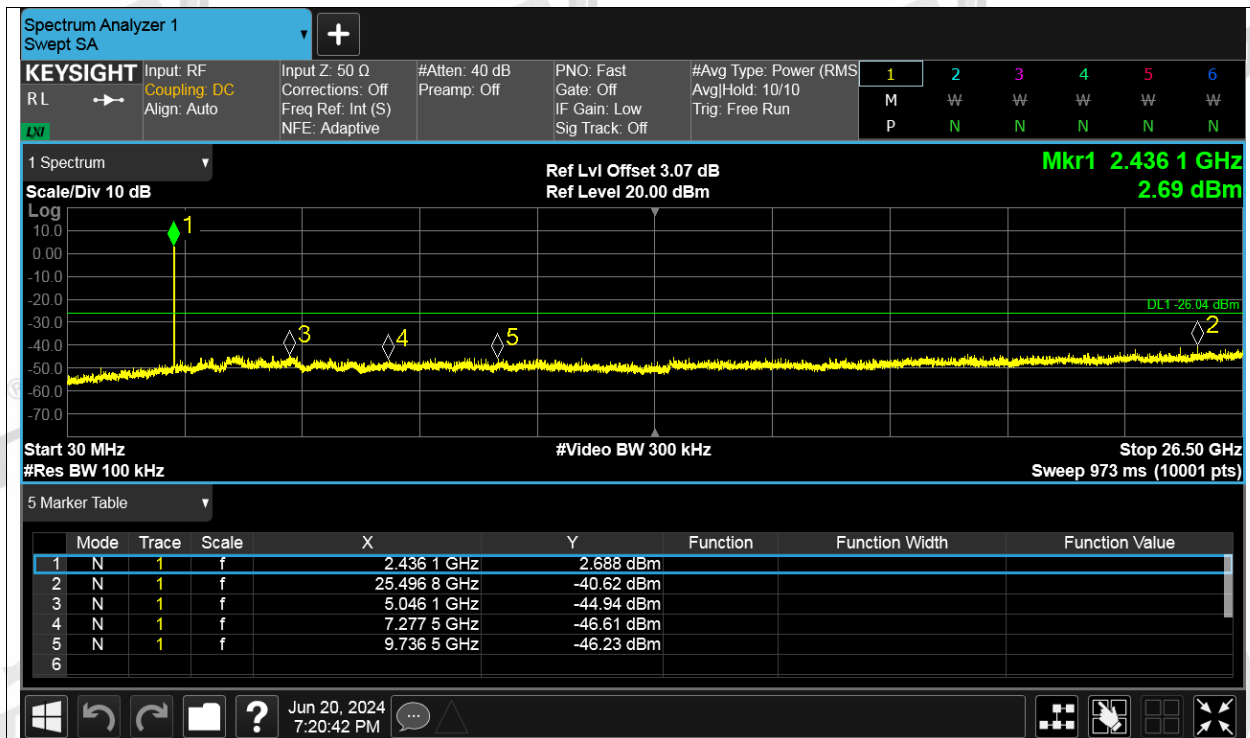
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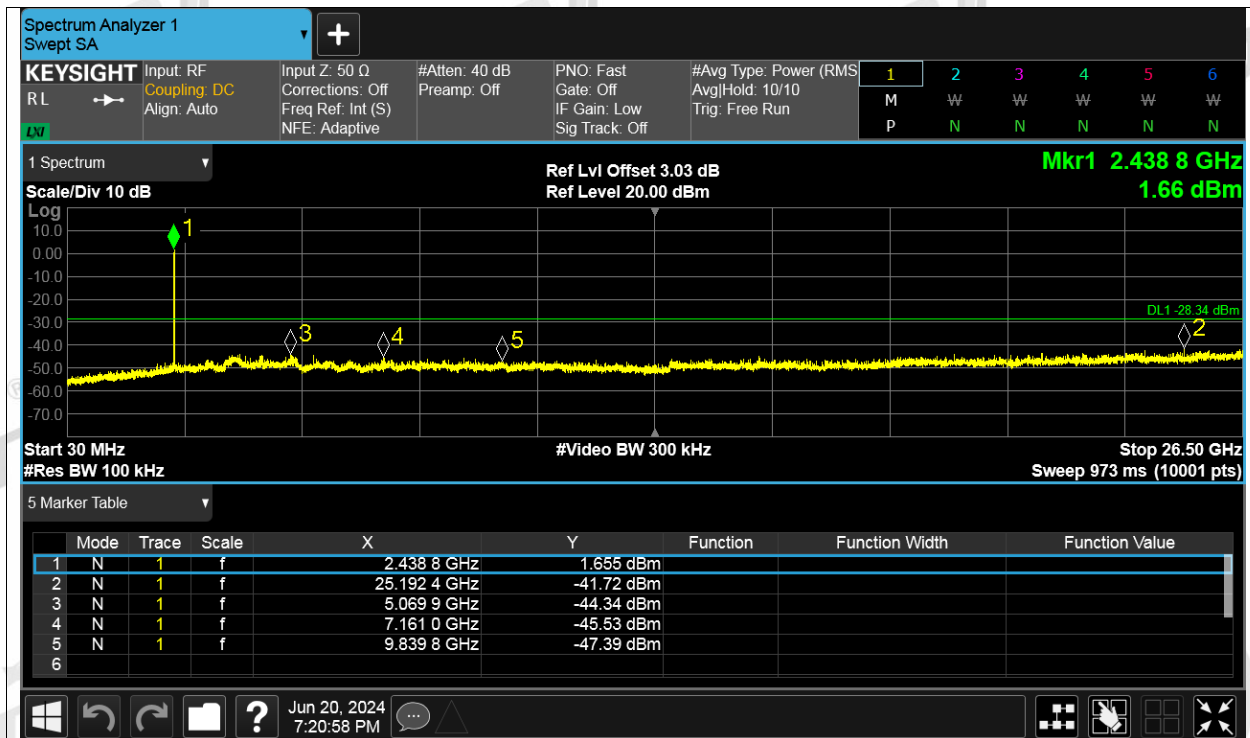
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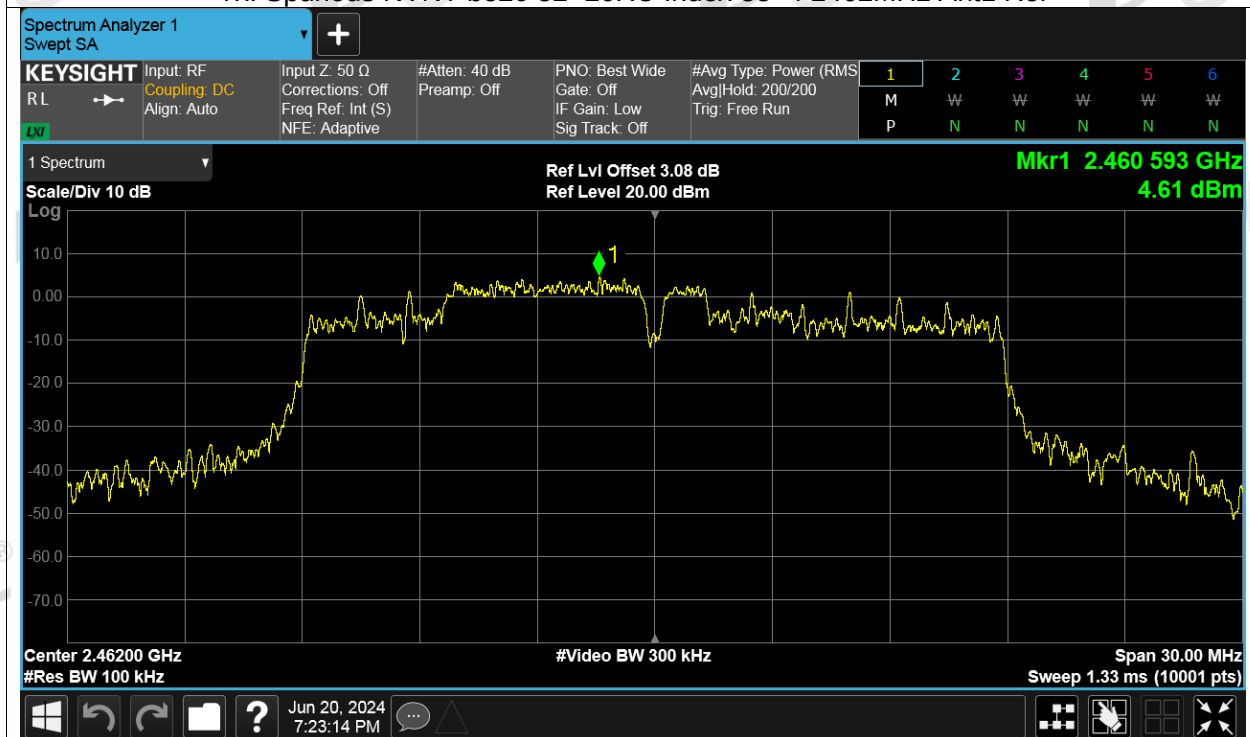
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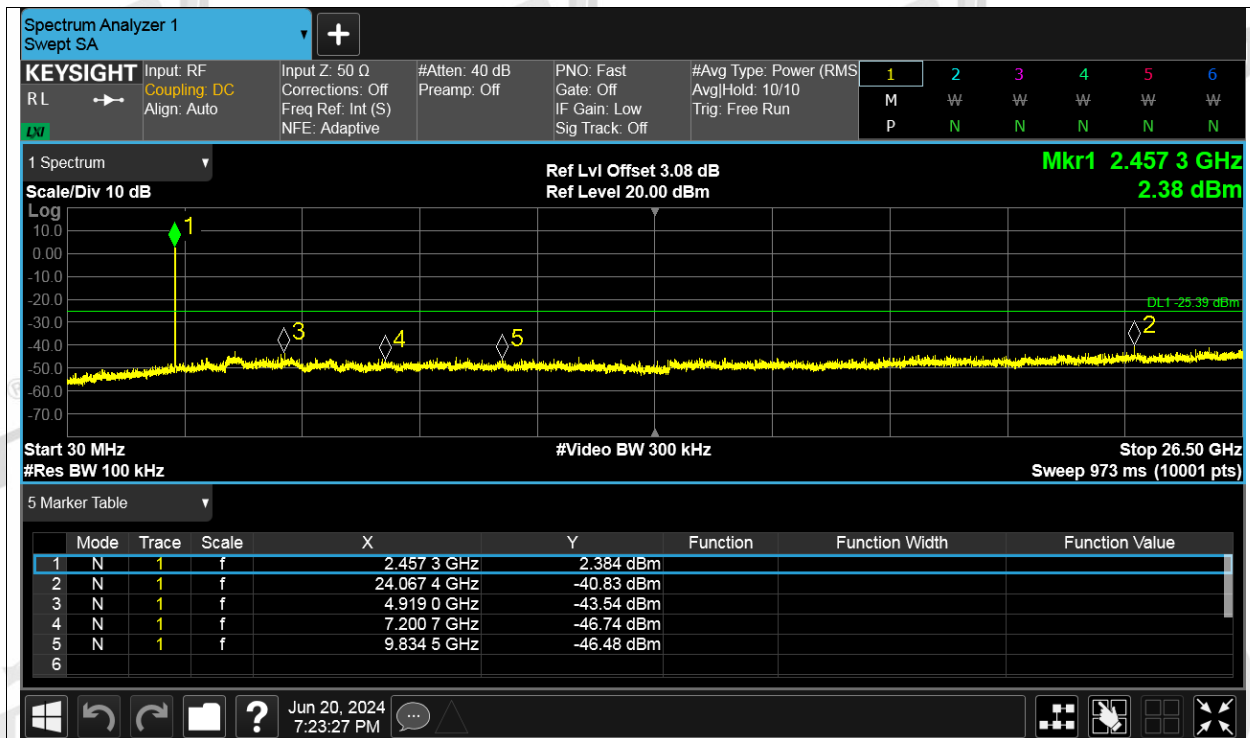
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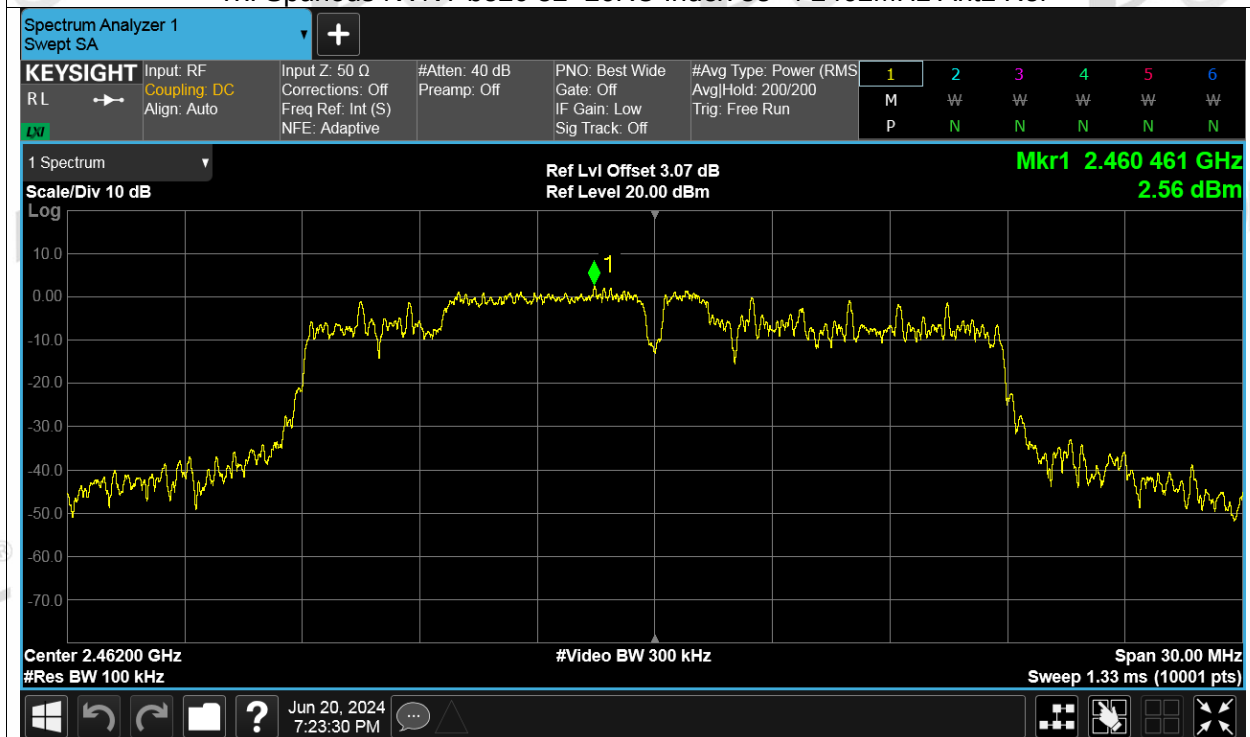
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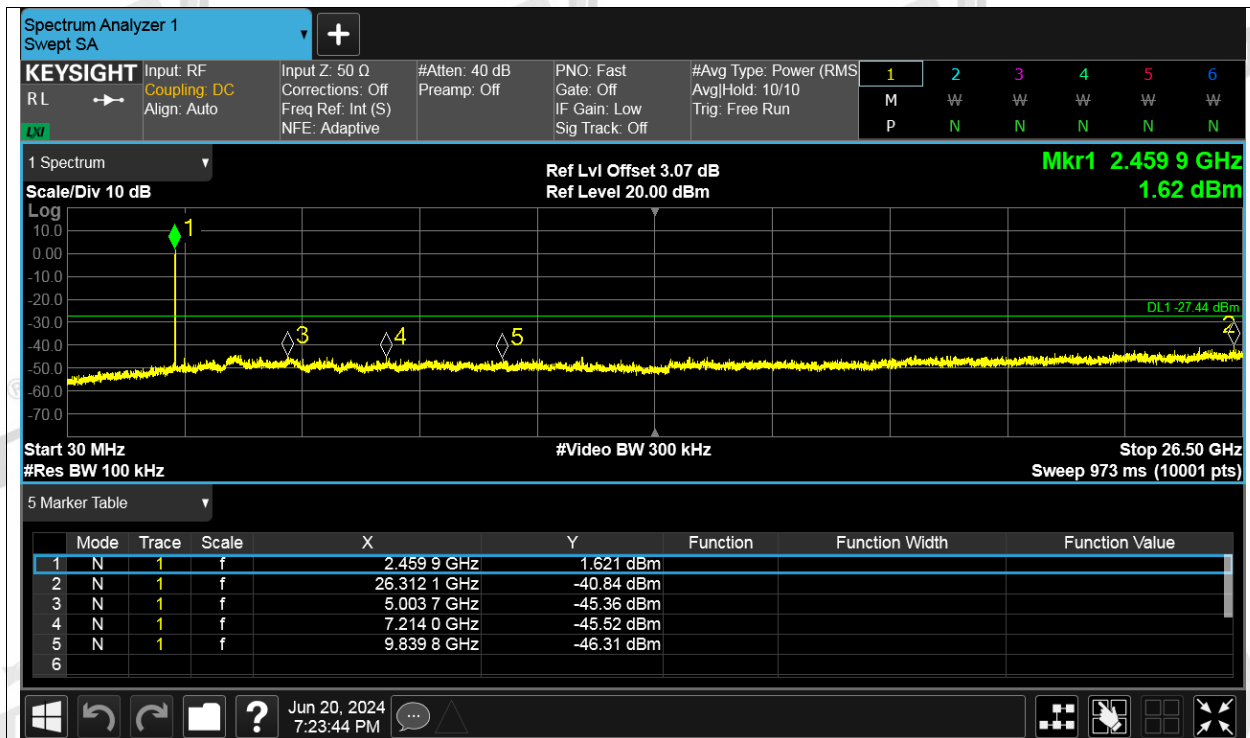
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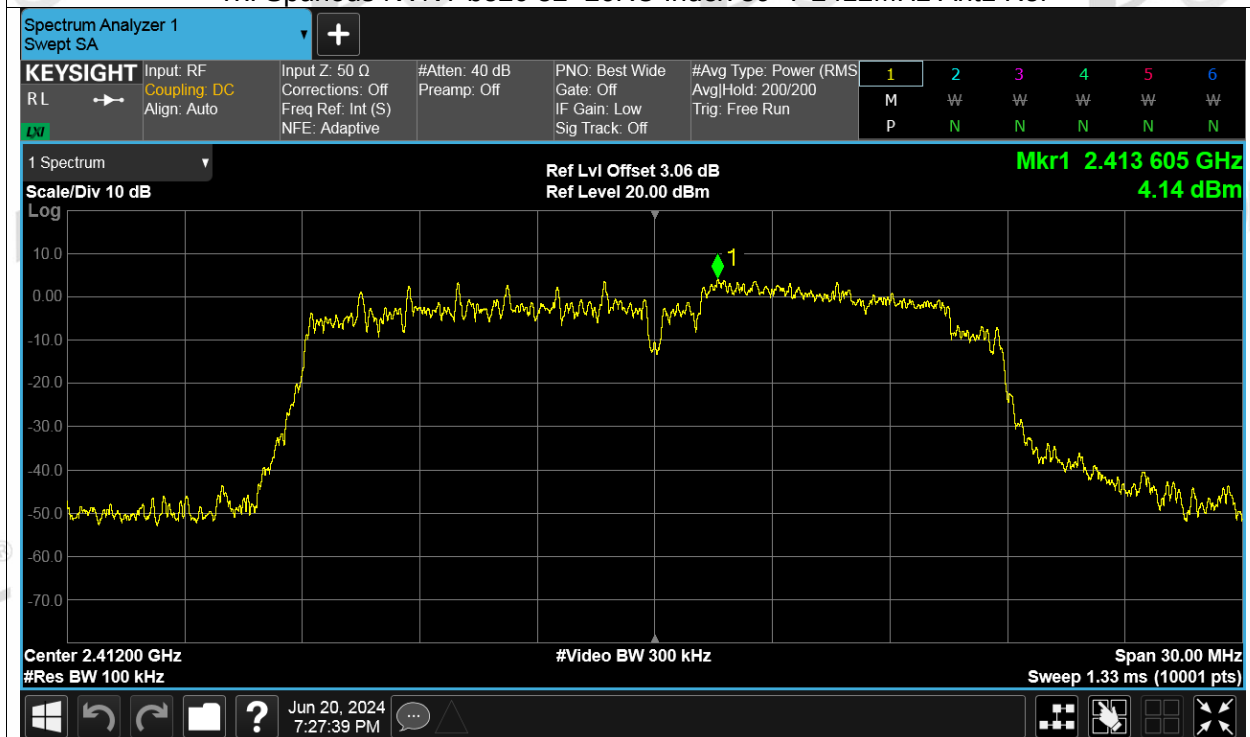
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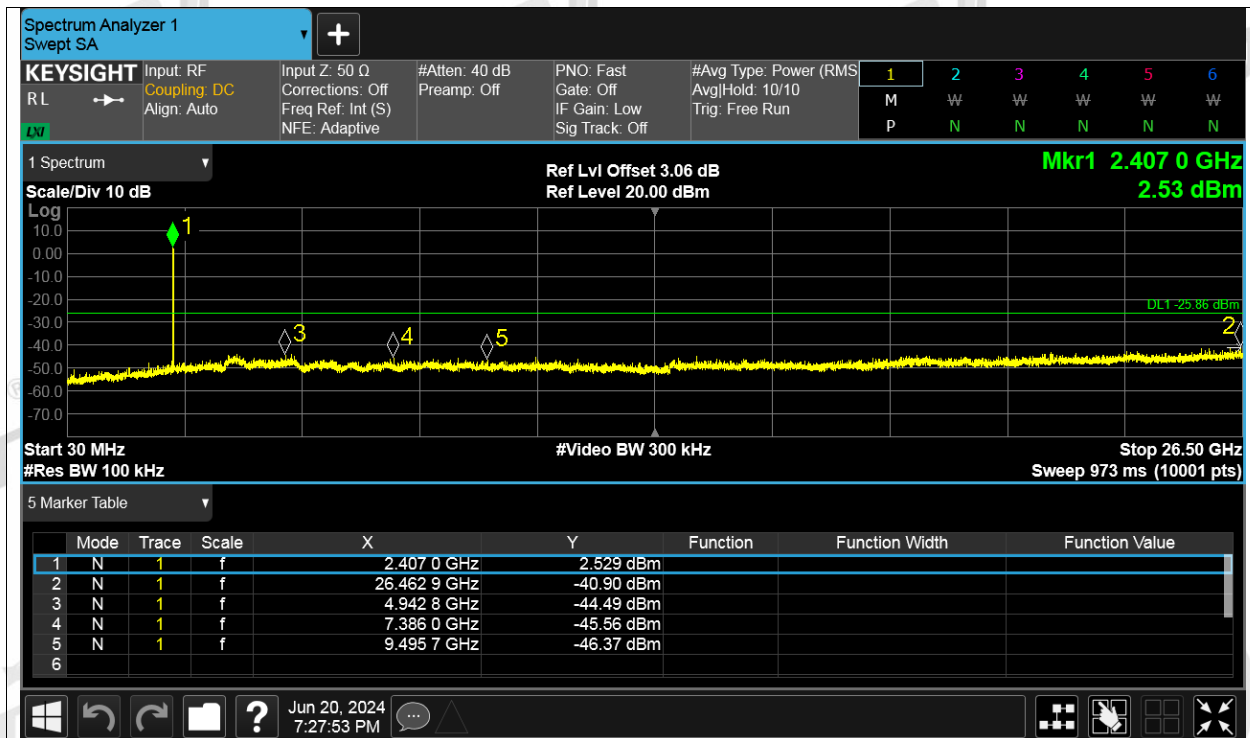
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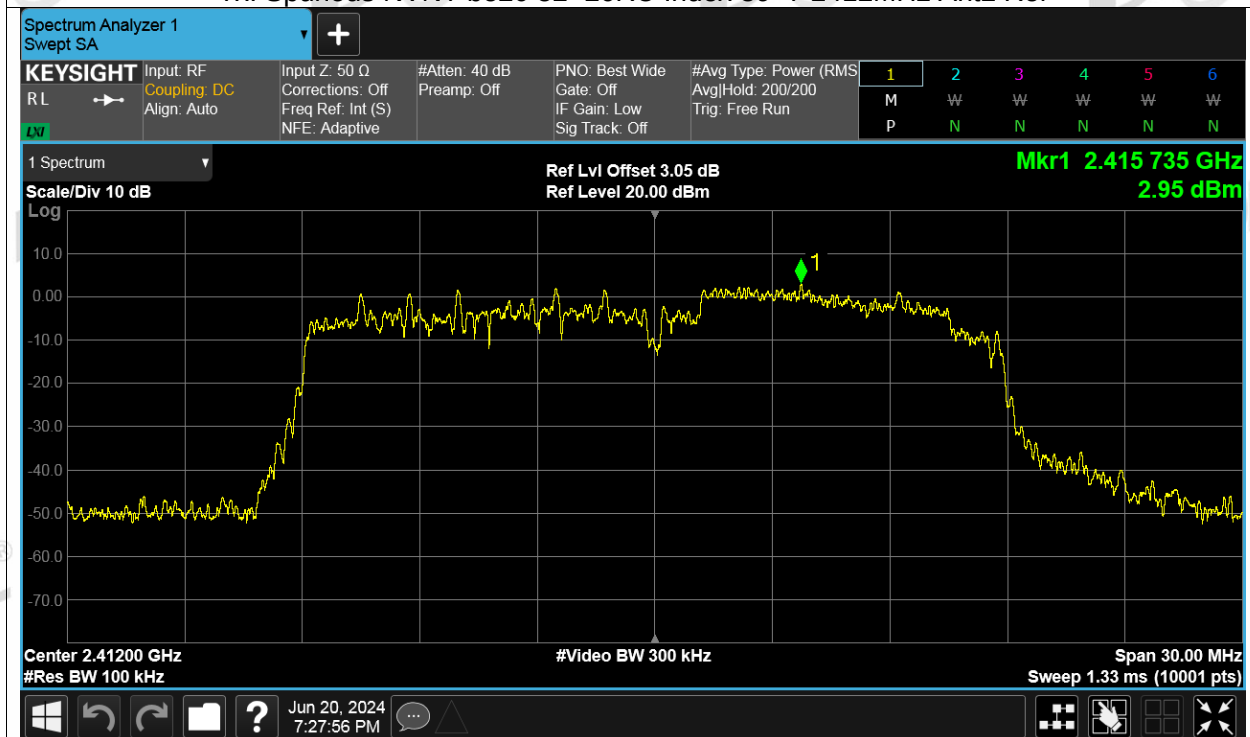
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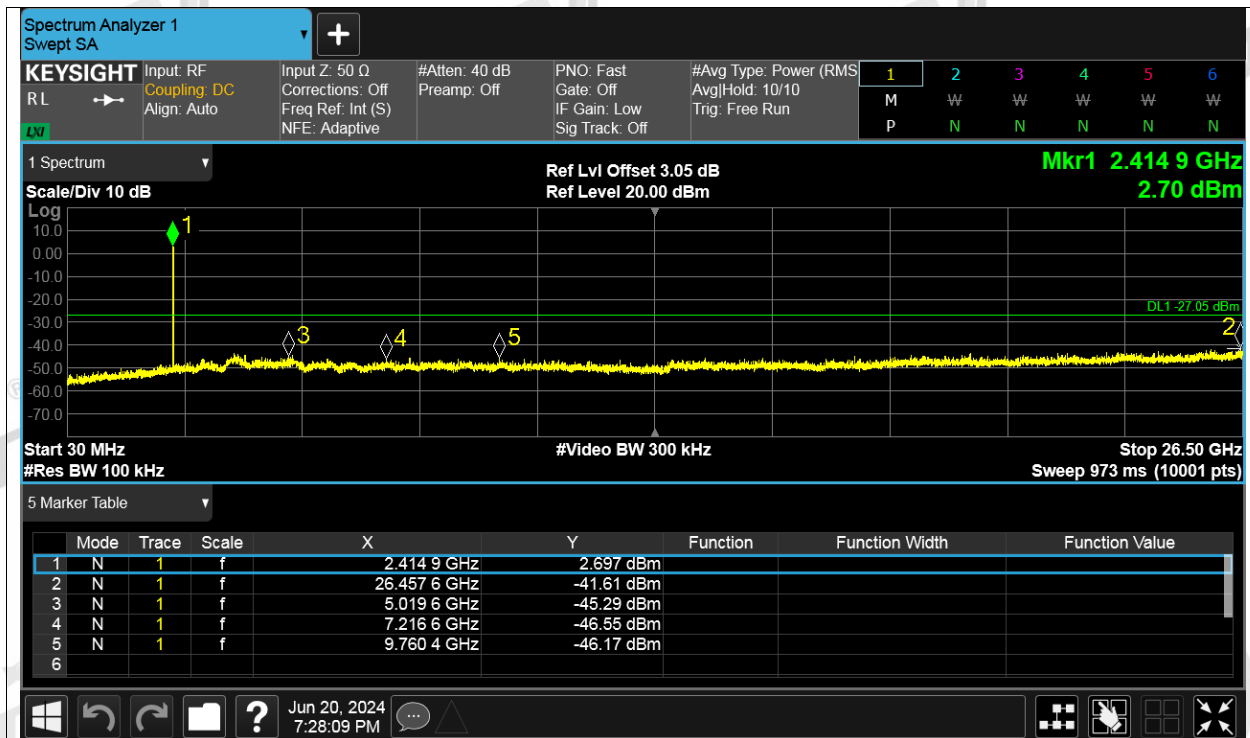
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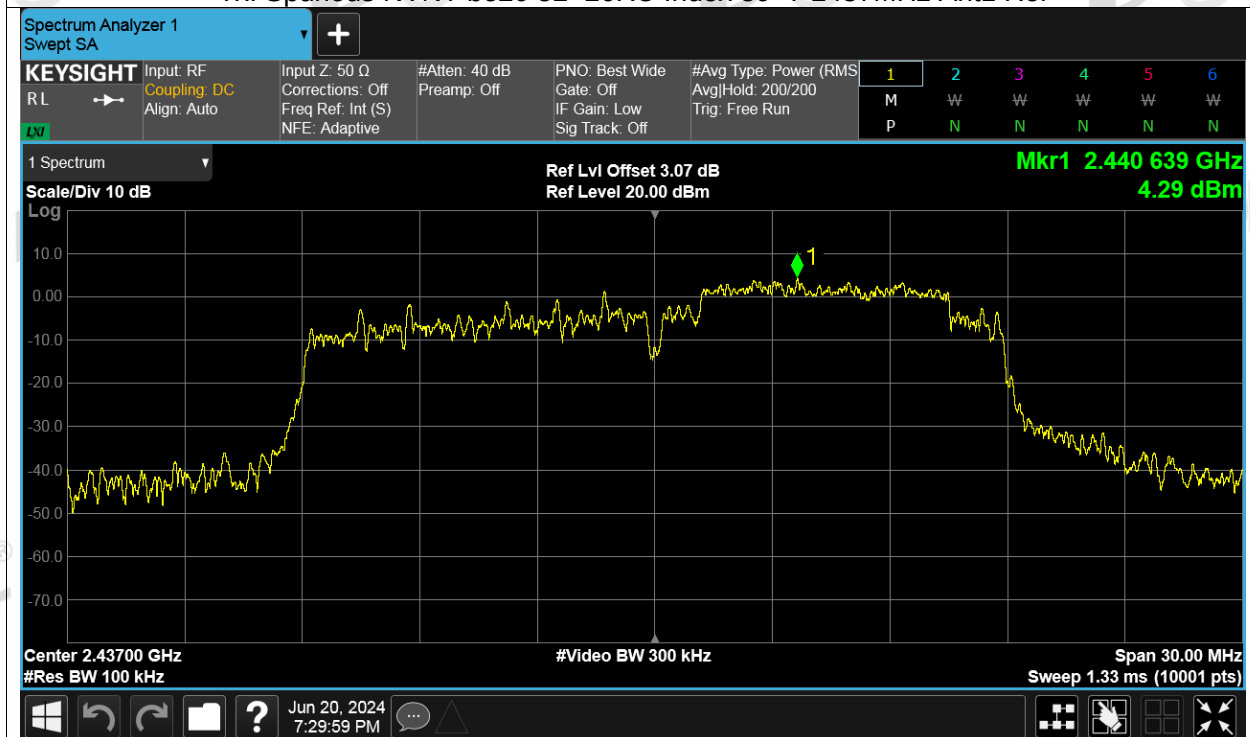
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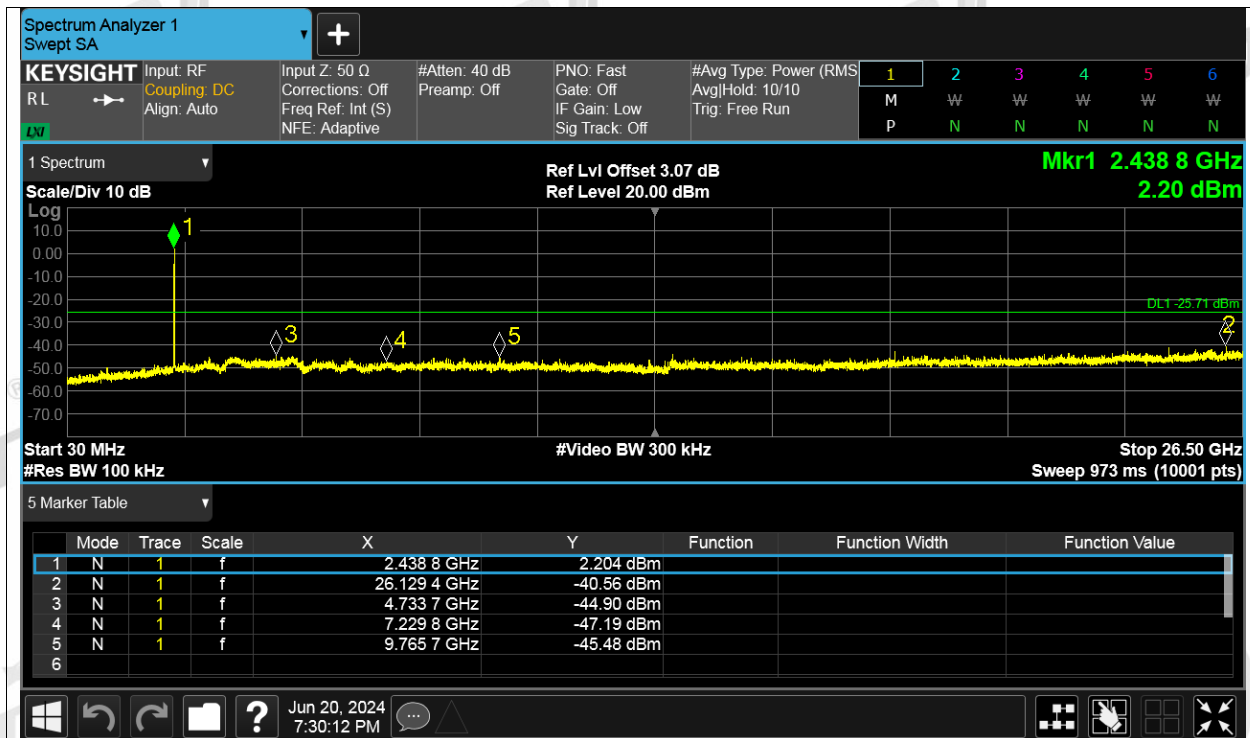
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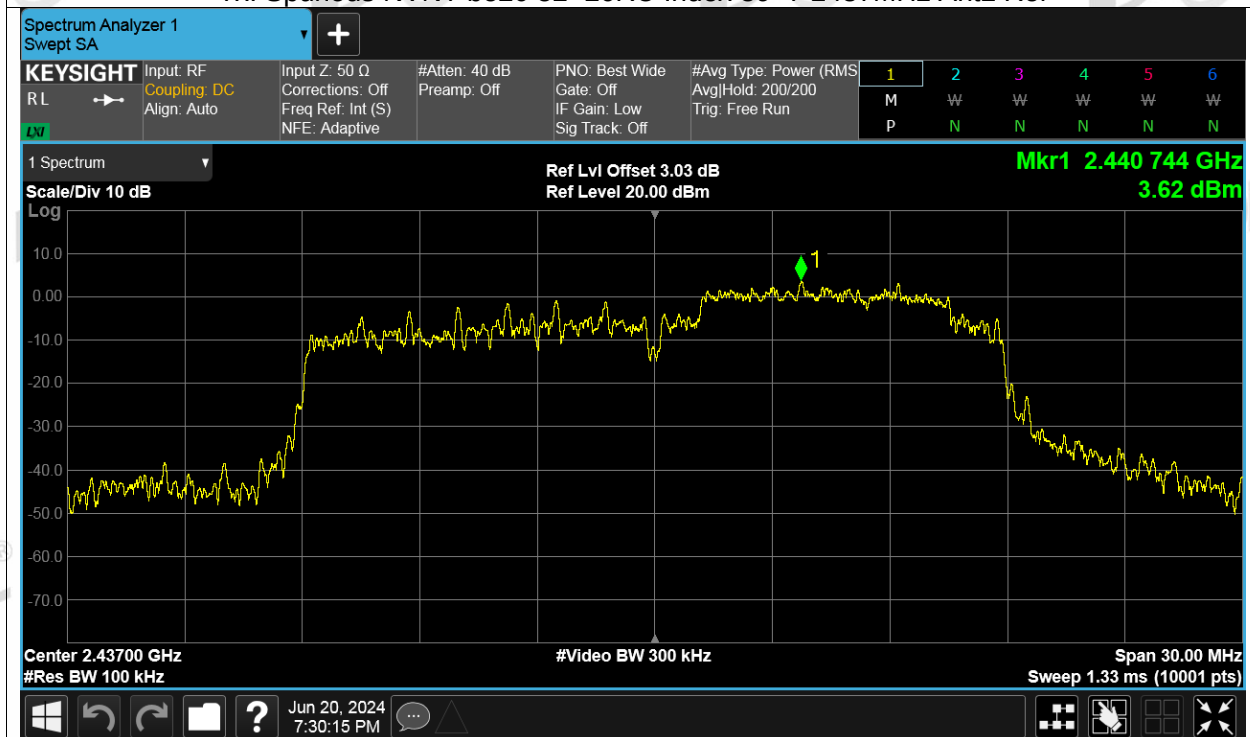
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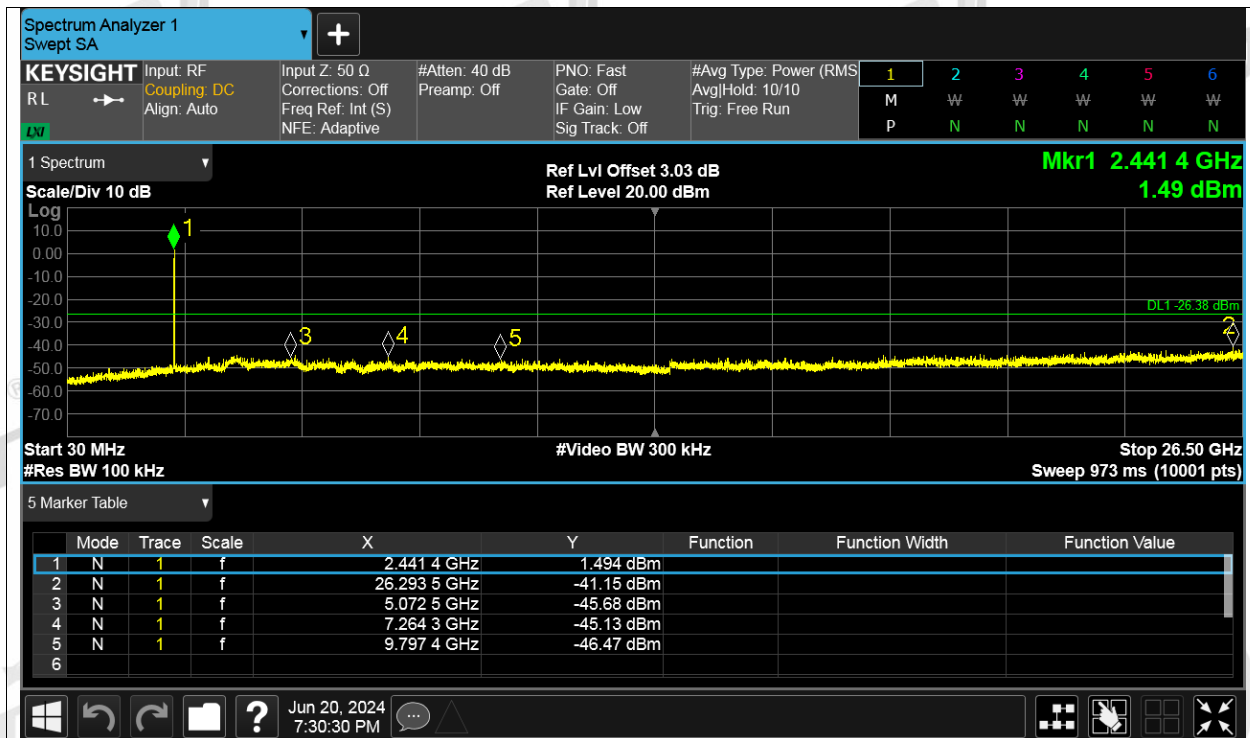
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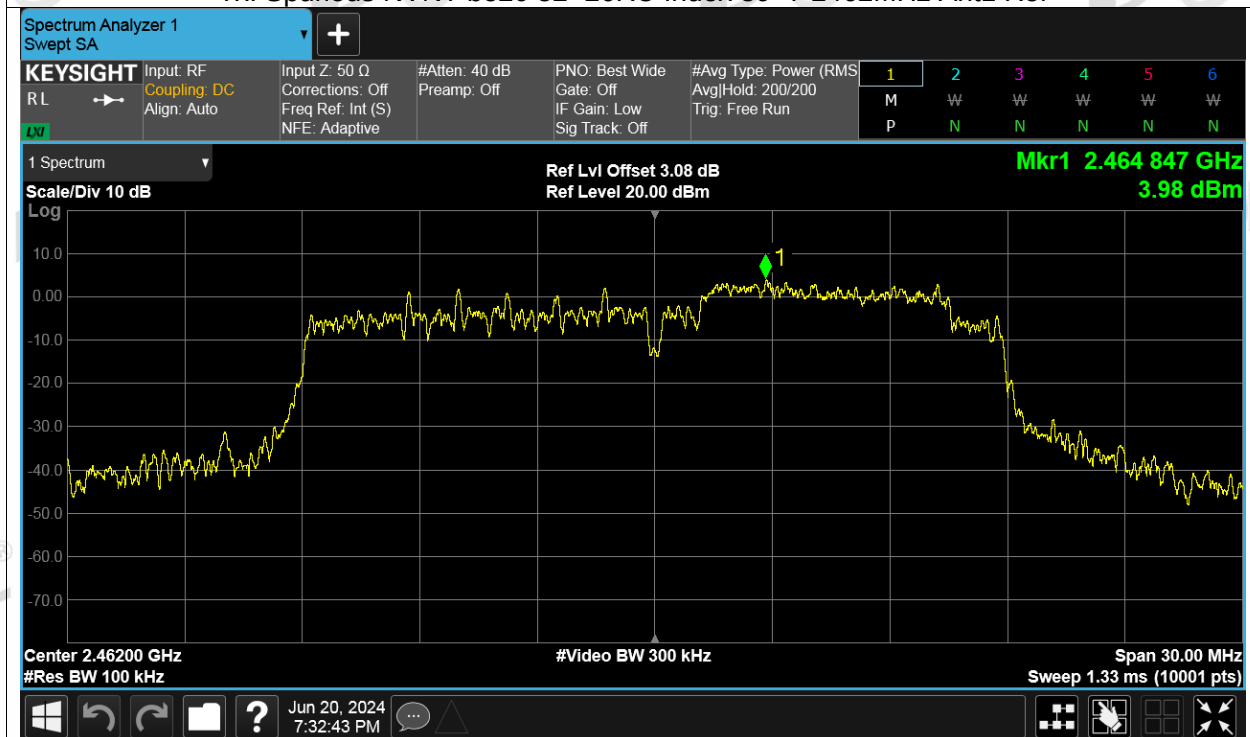
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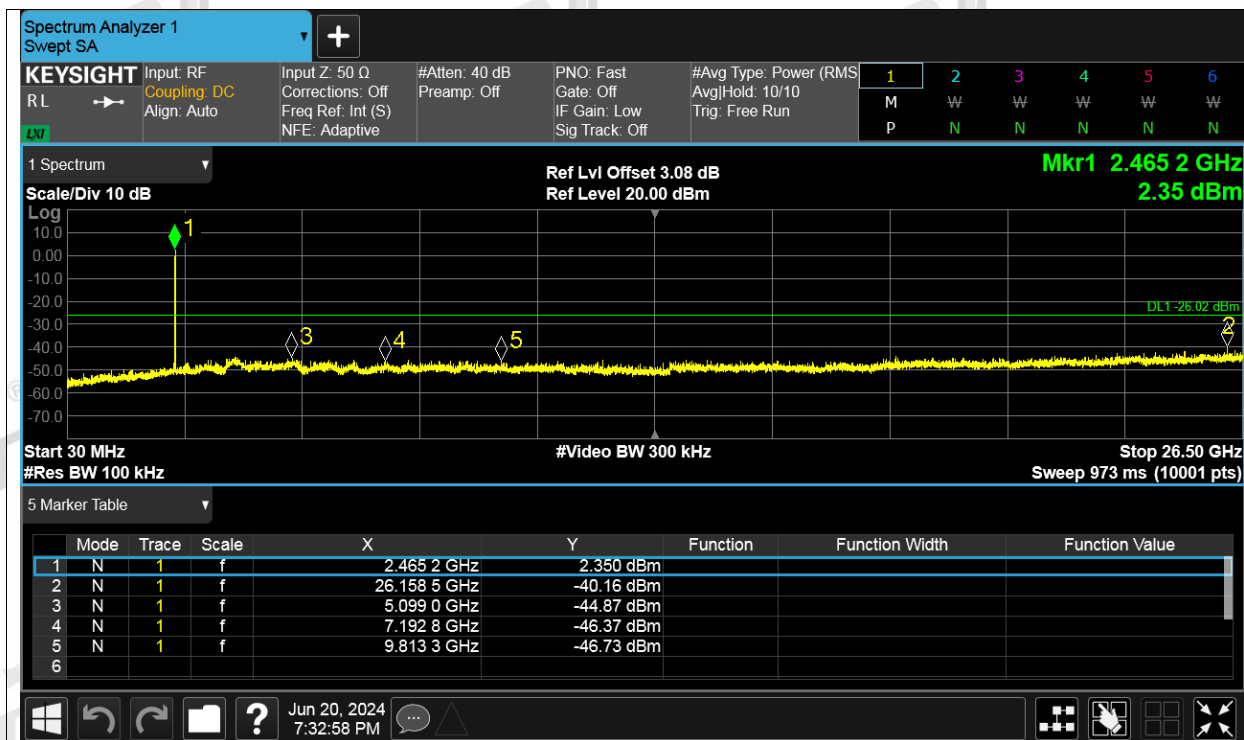
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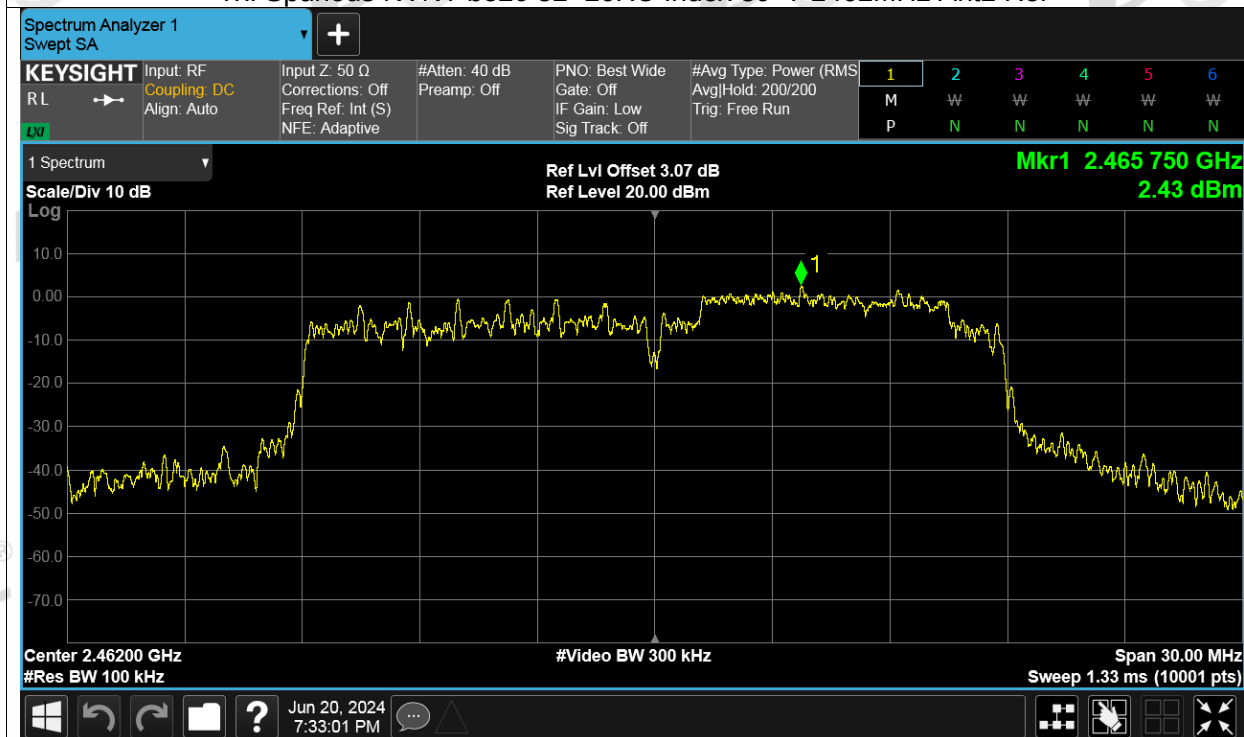
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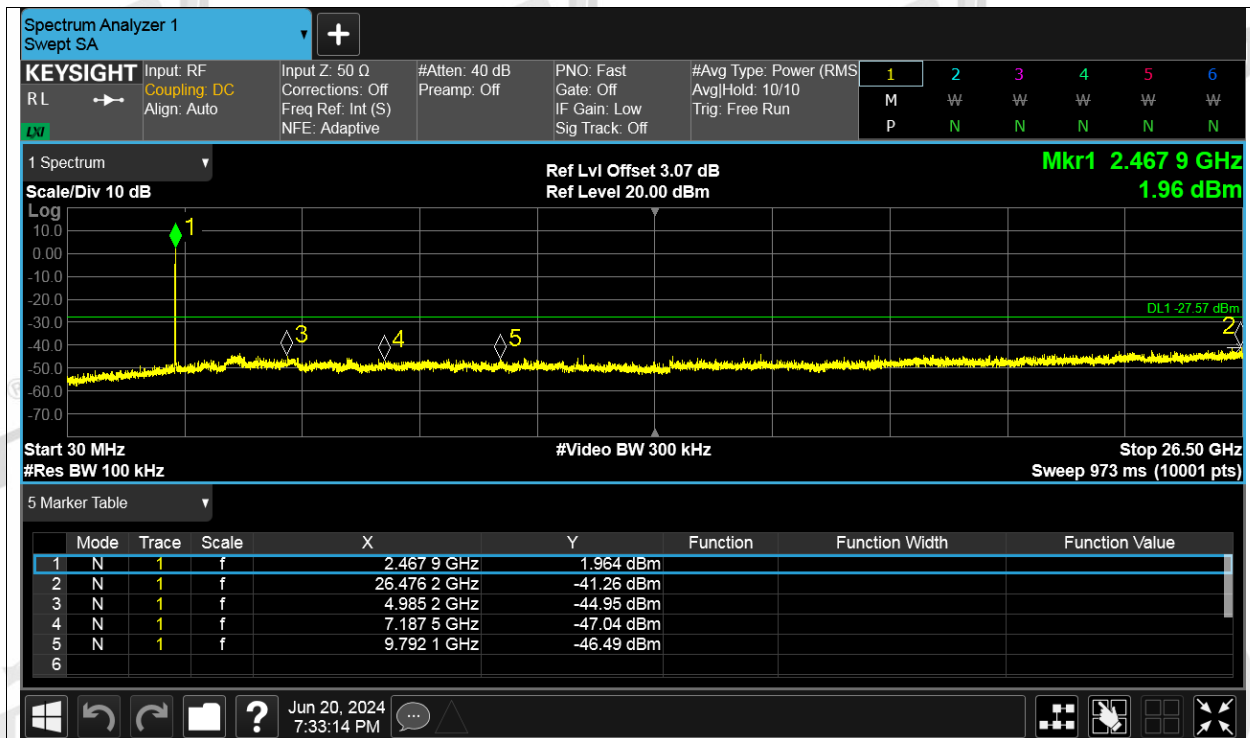
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Tx. Spurious NVNT be20 52+26RU Index 39+7 2462MHz Ant2 Ref



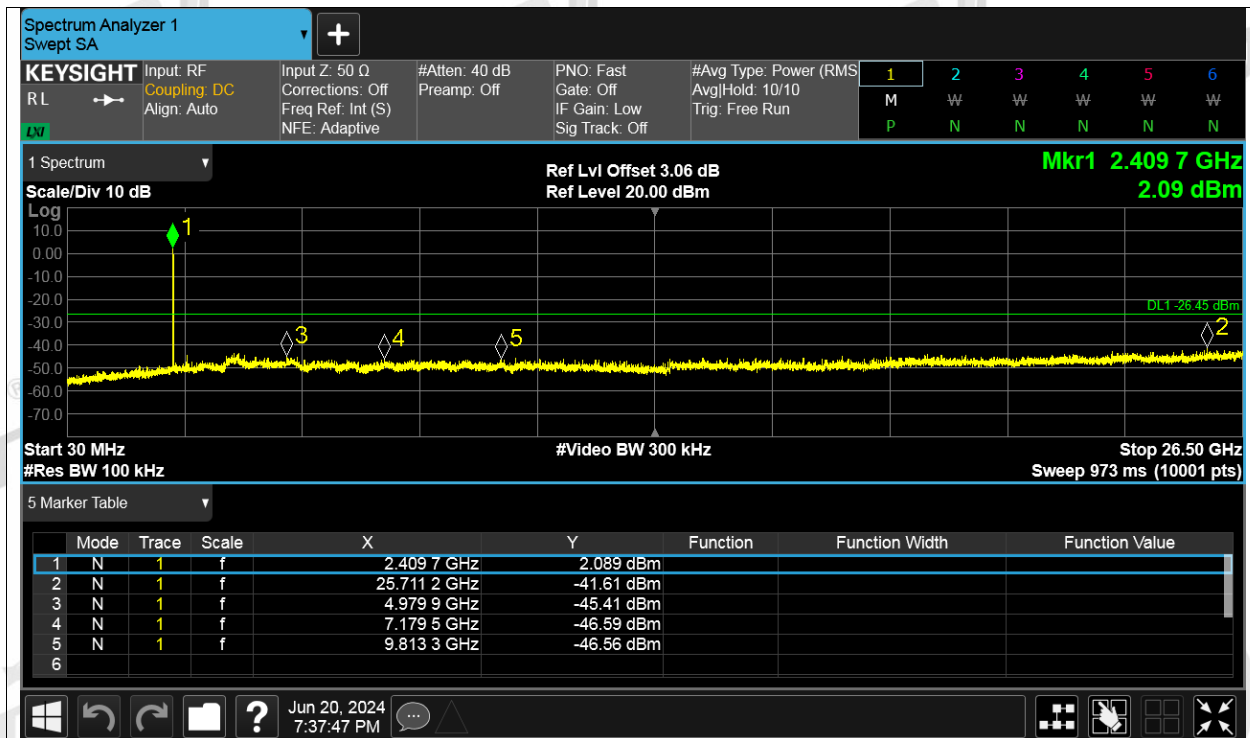
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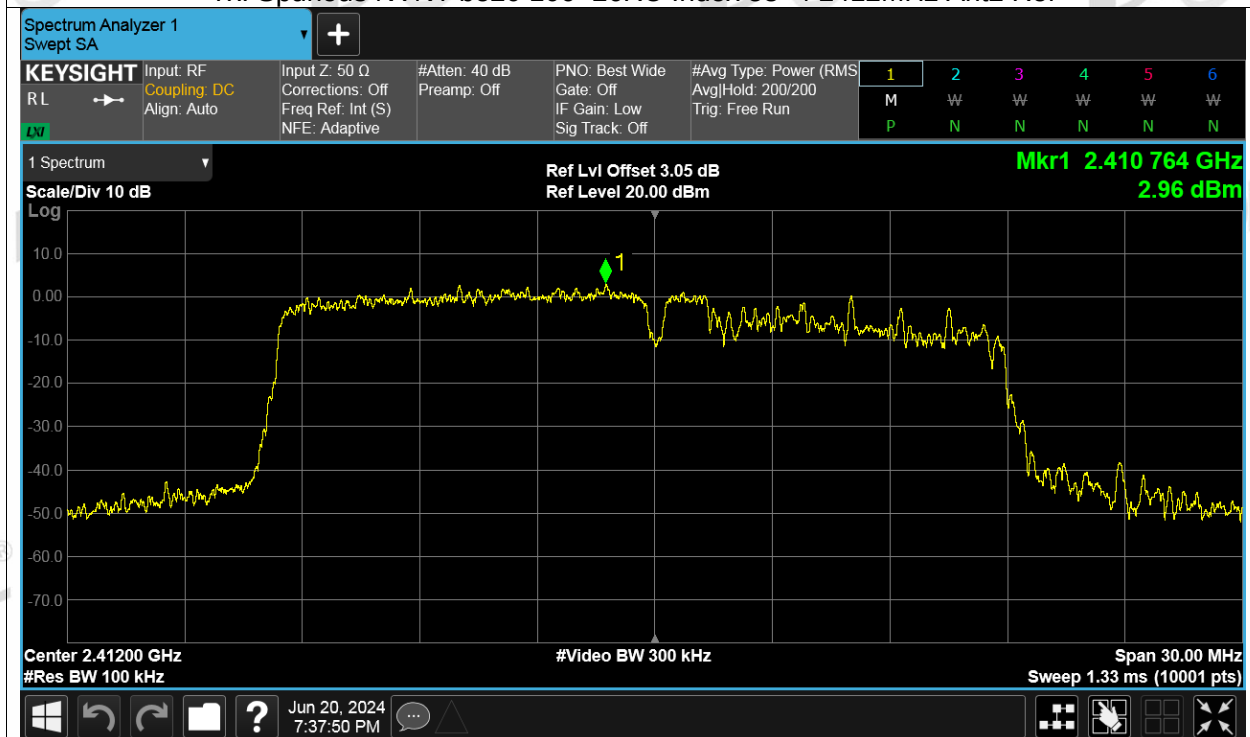
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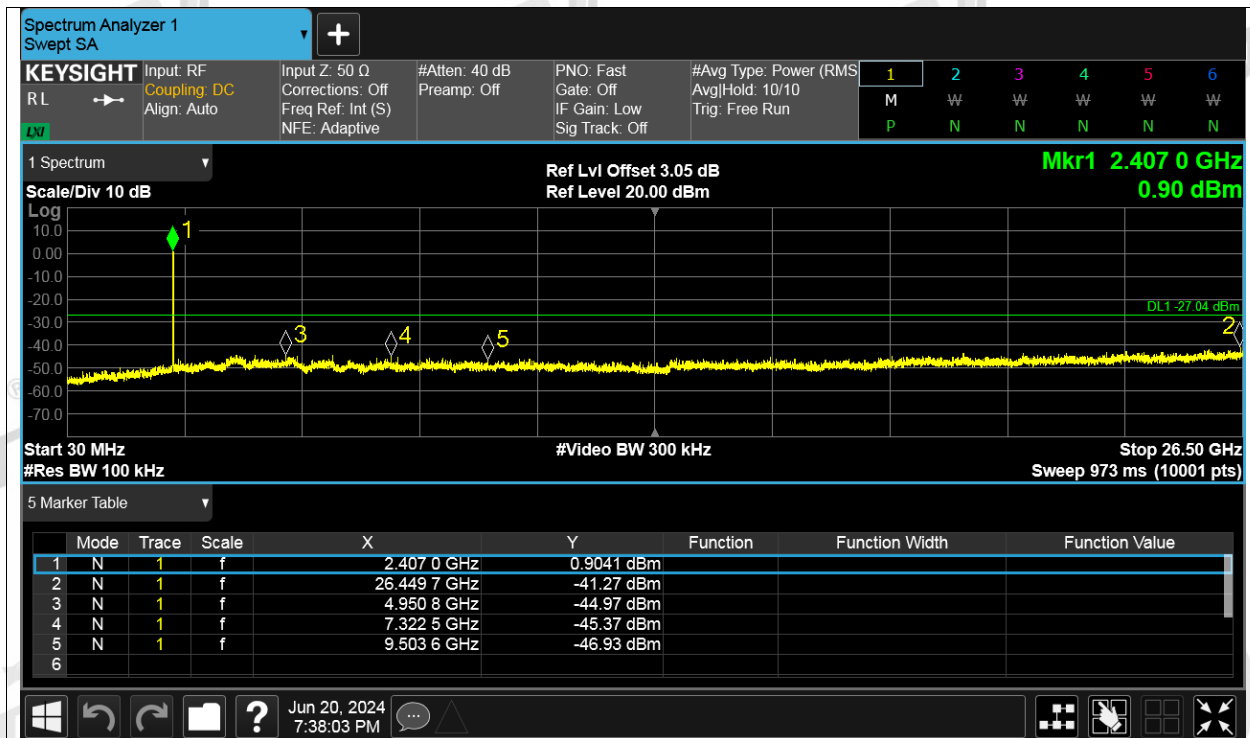
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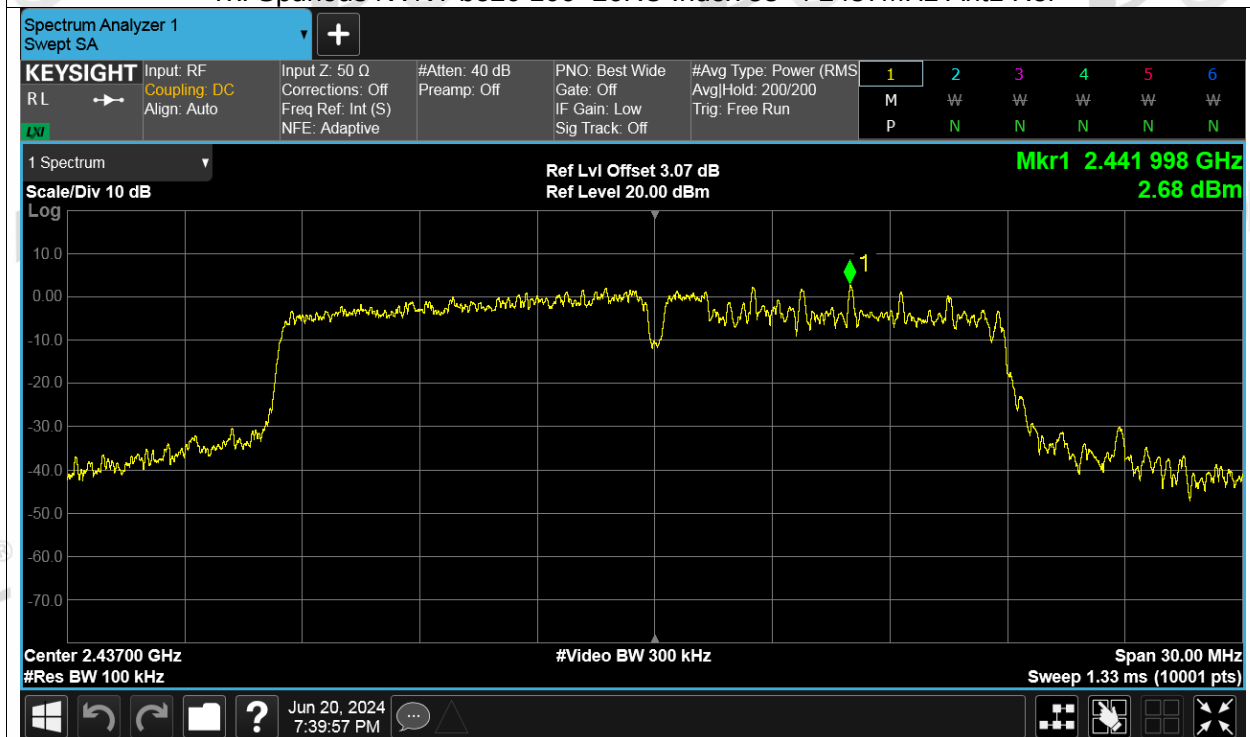
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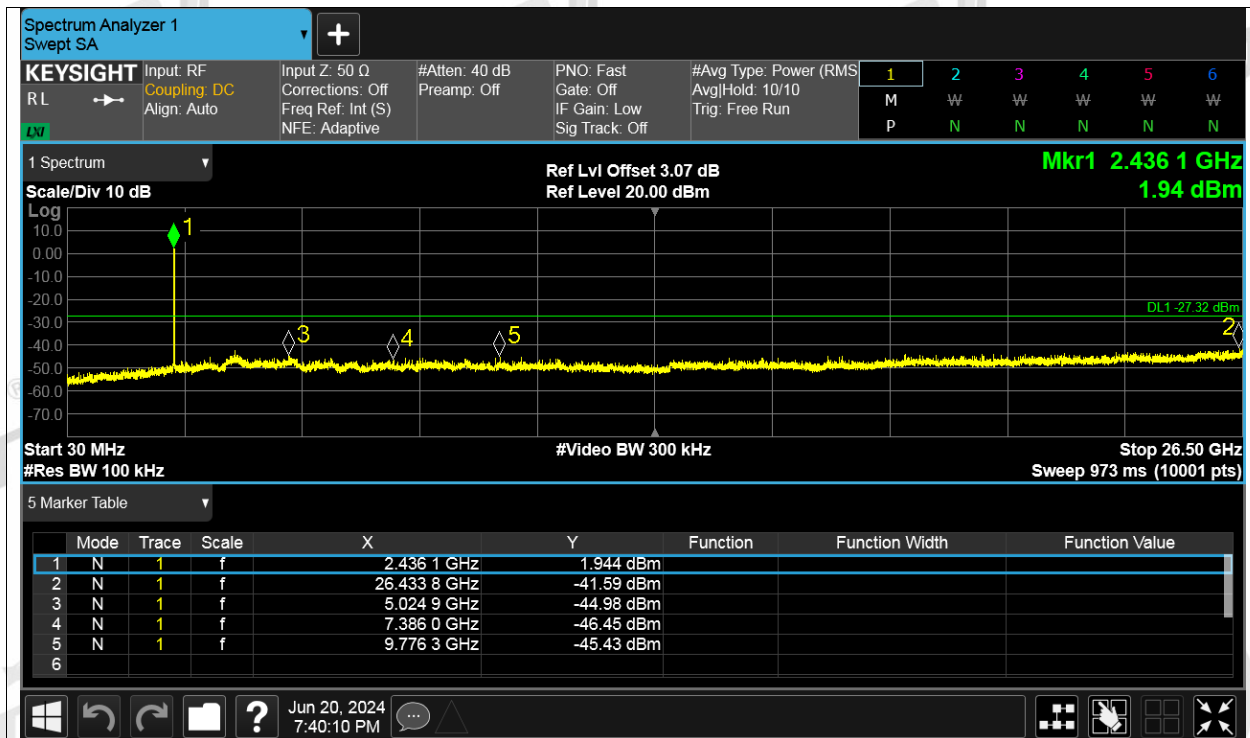
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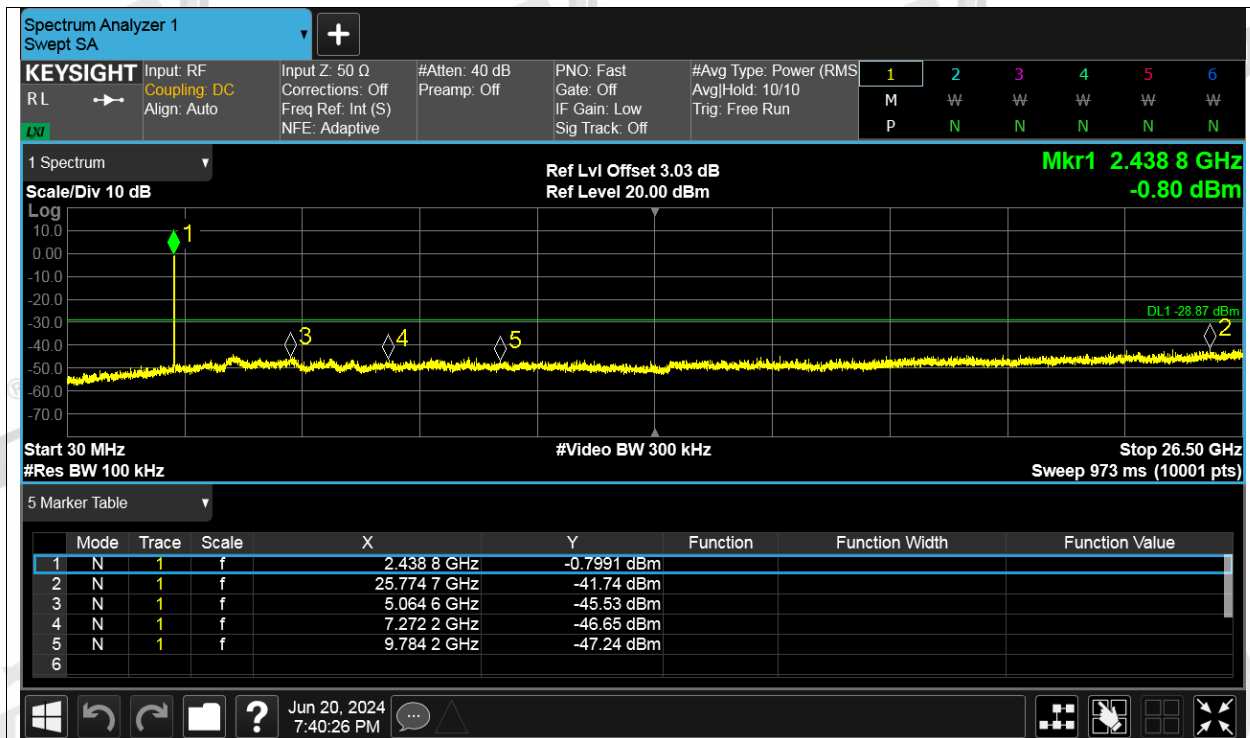
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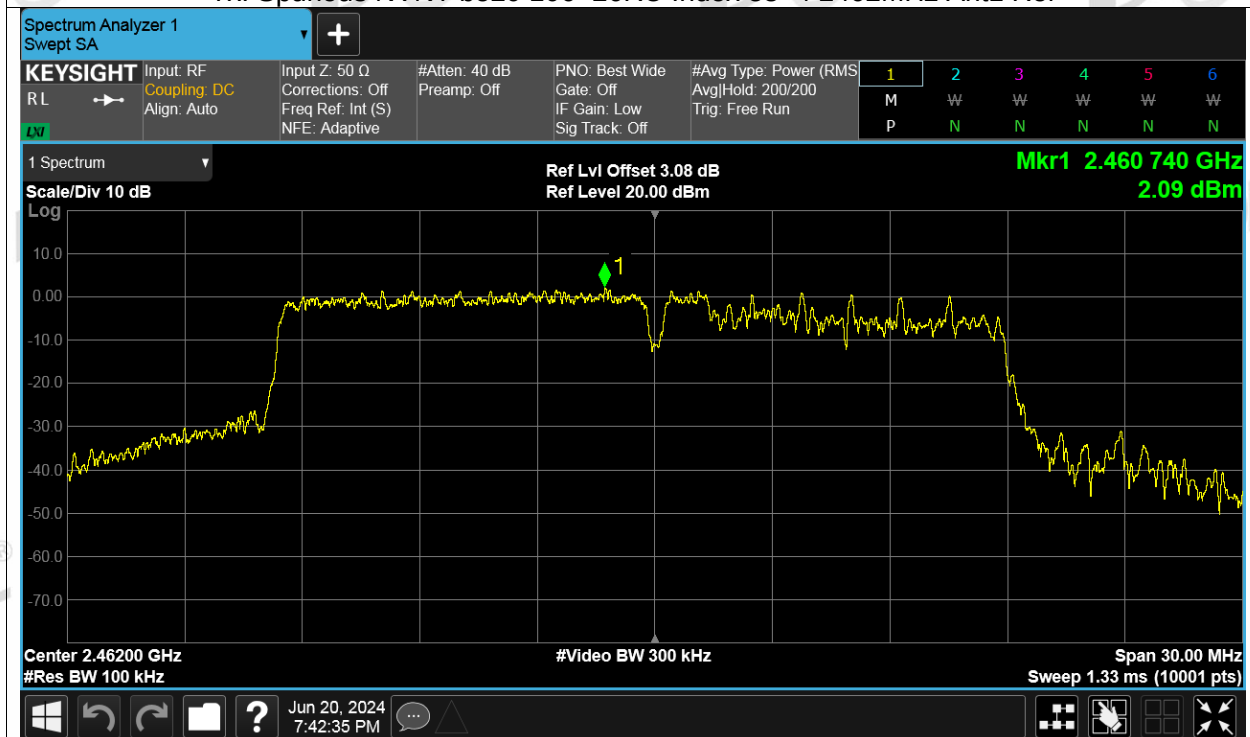
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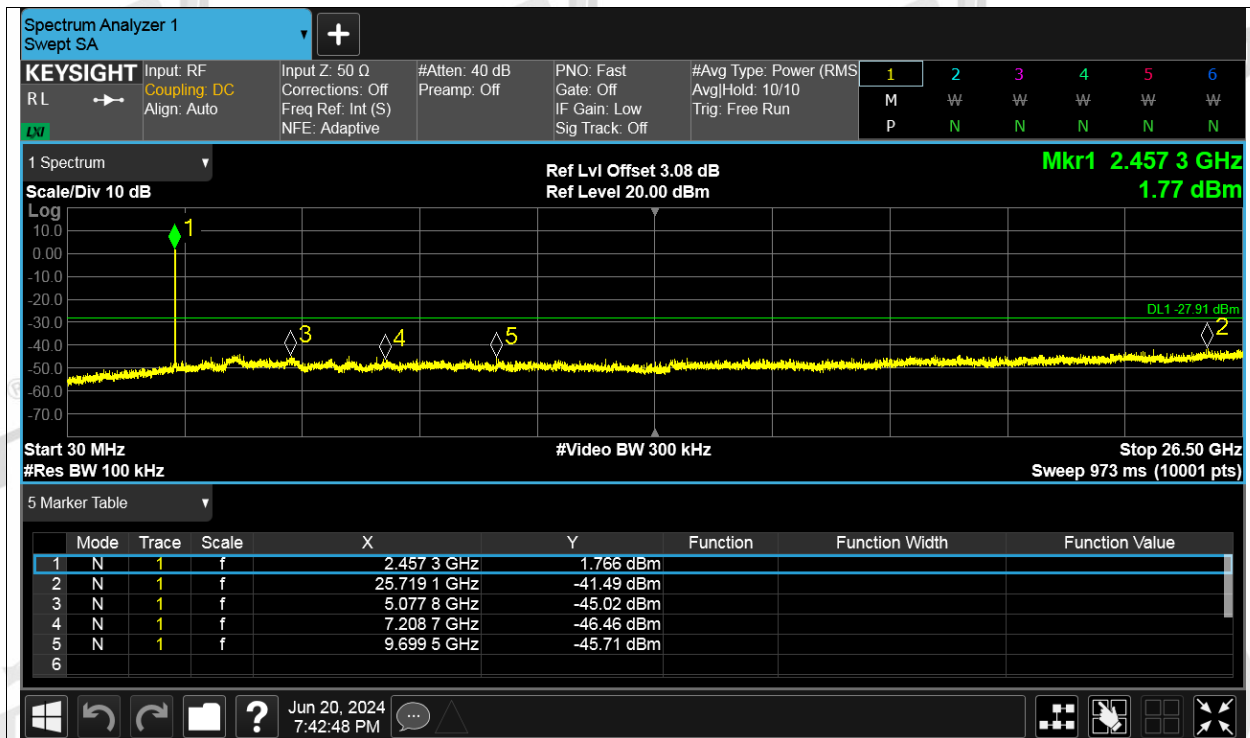
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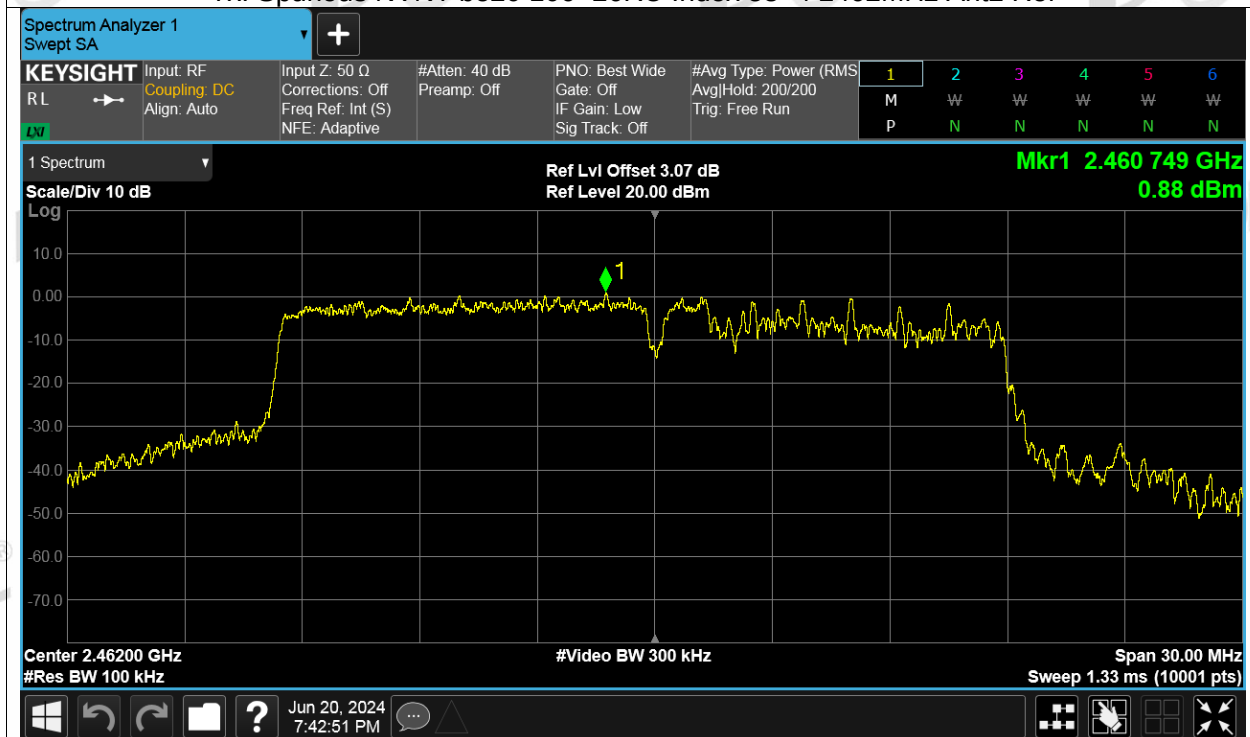
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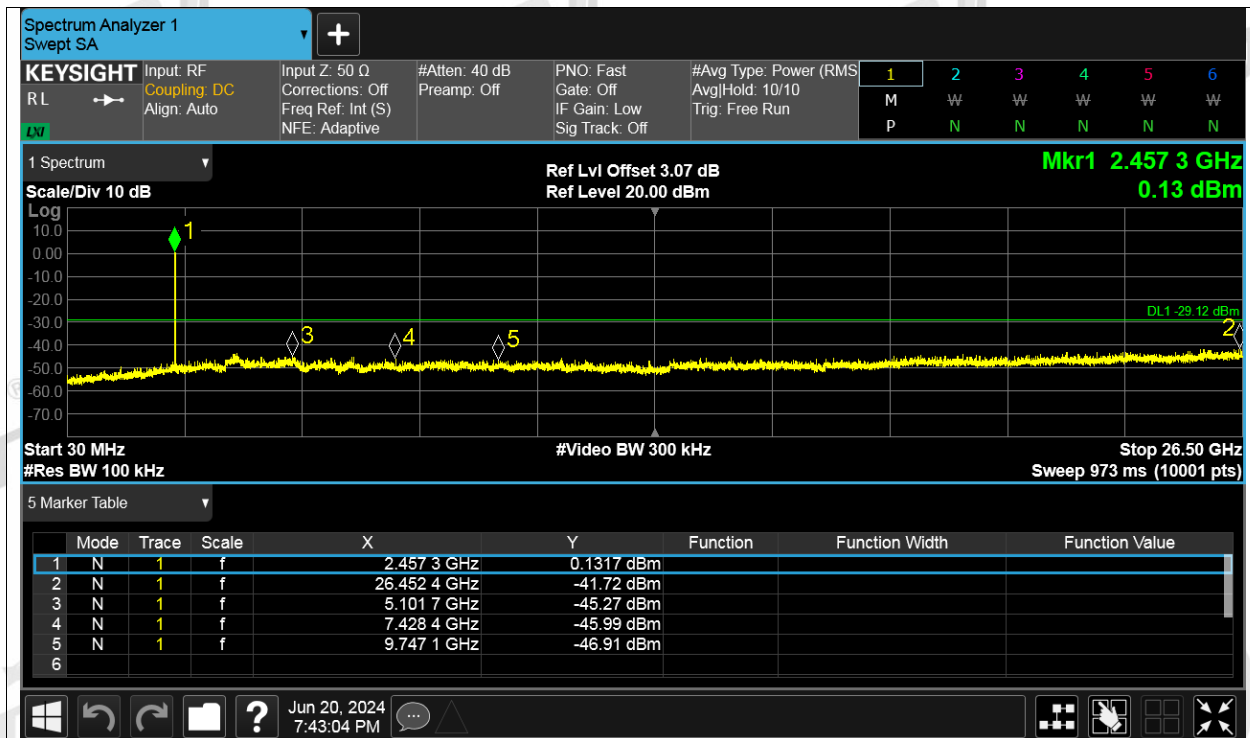
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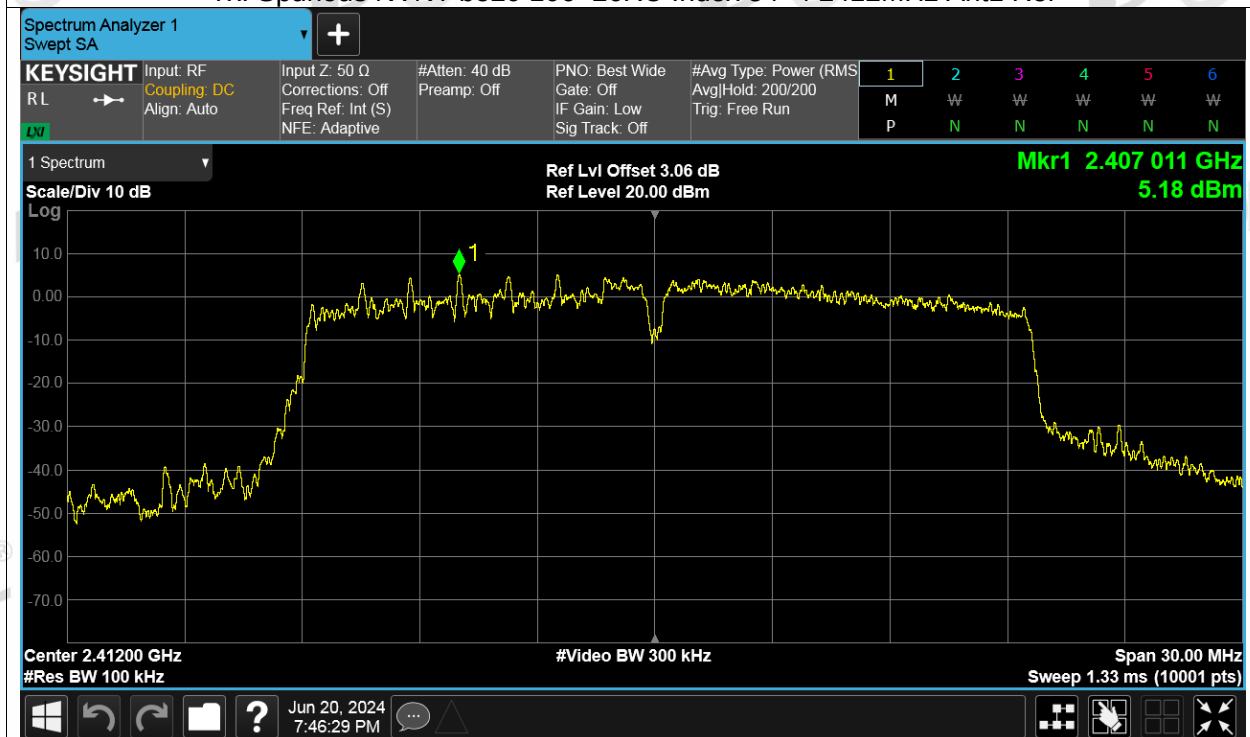
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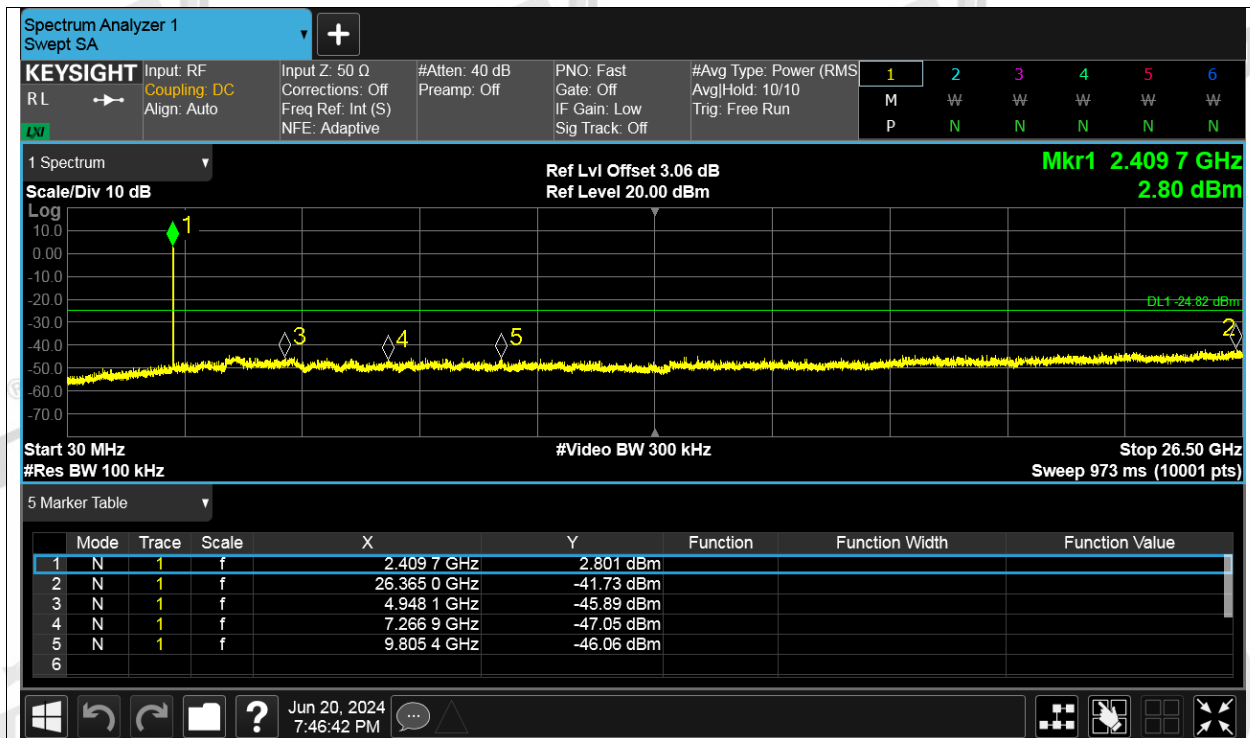
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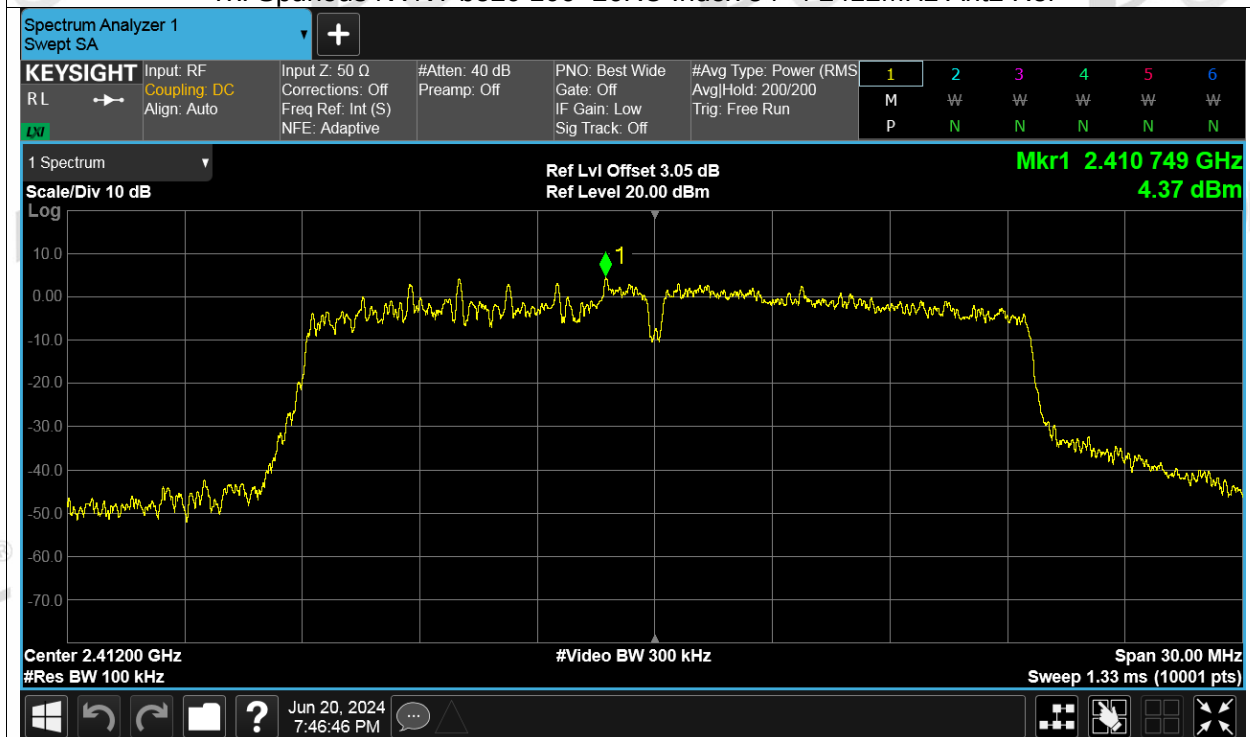
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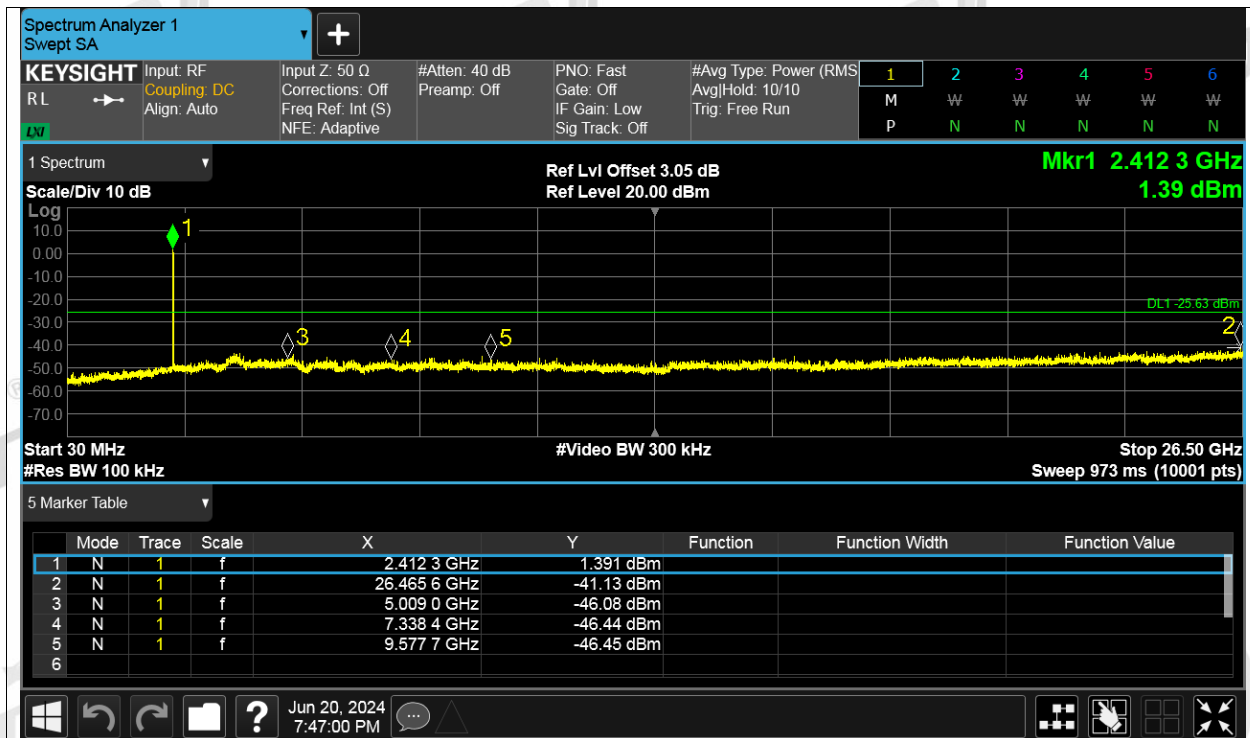
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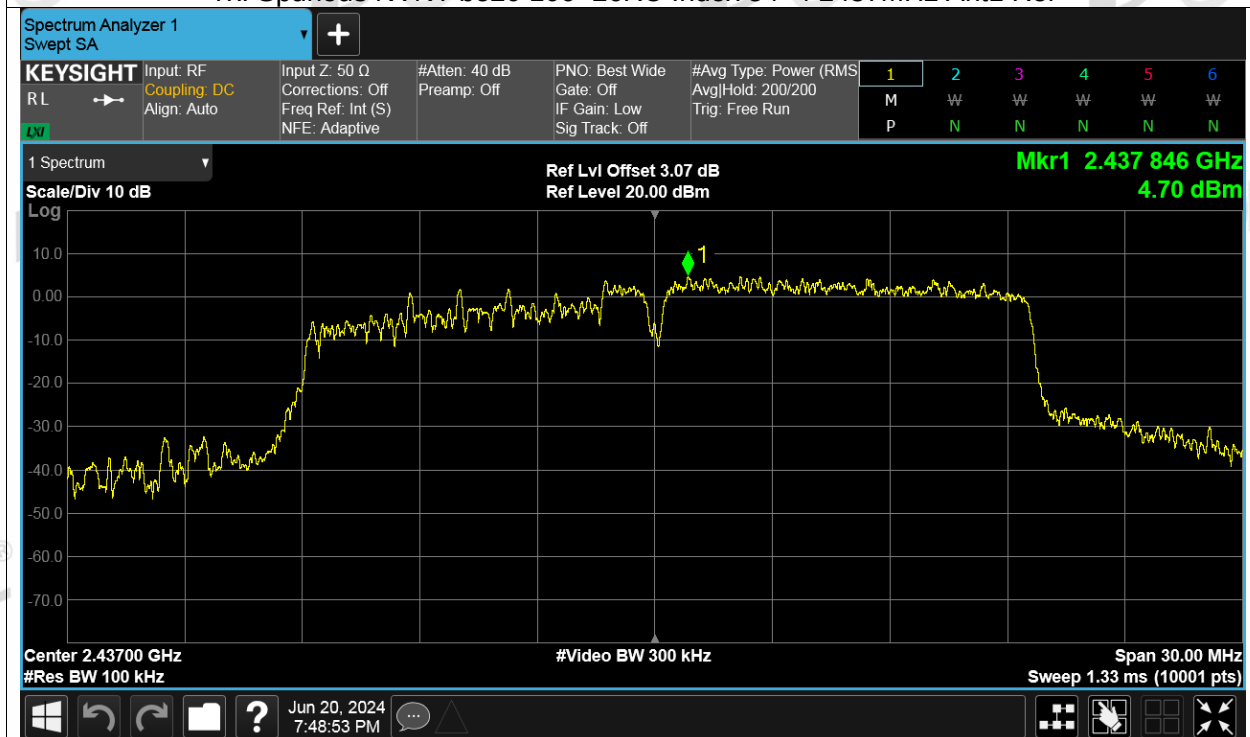
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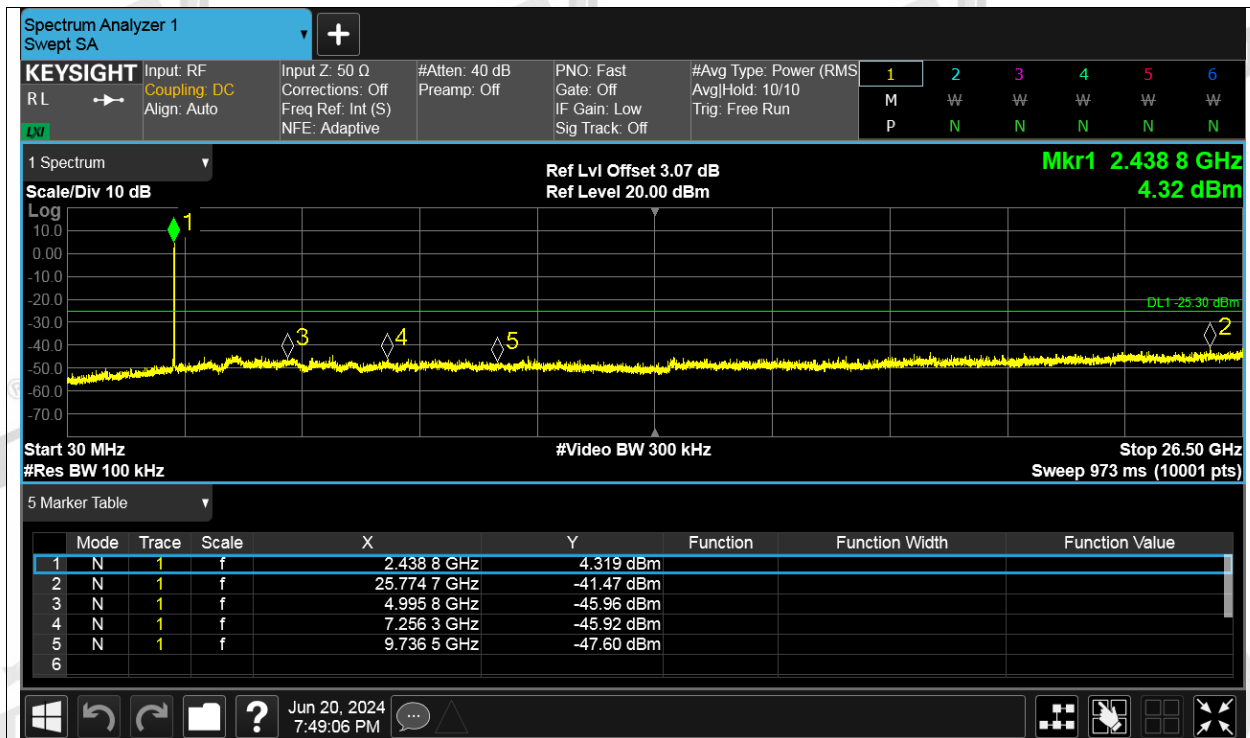
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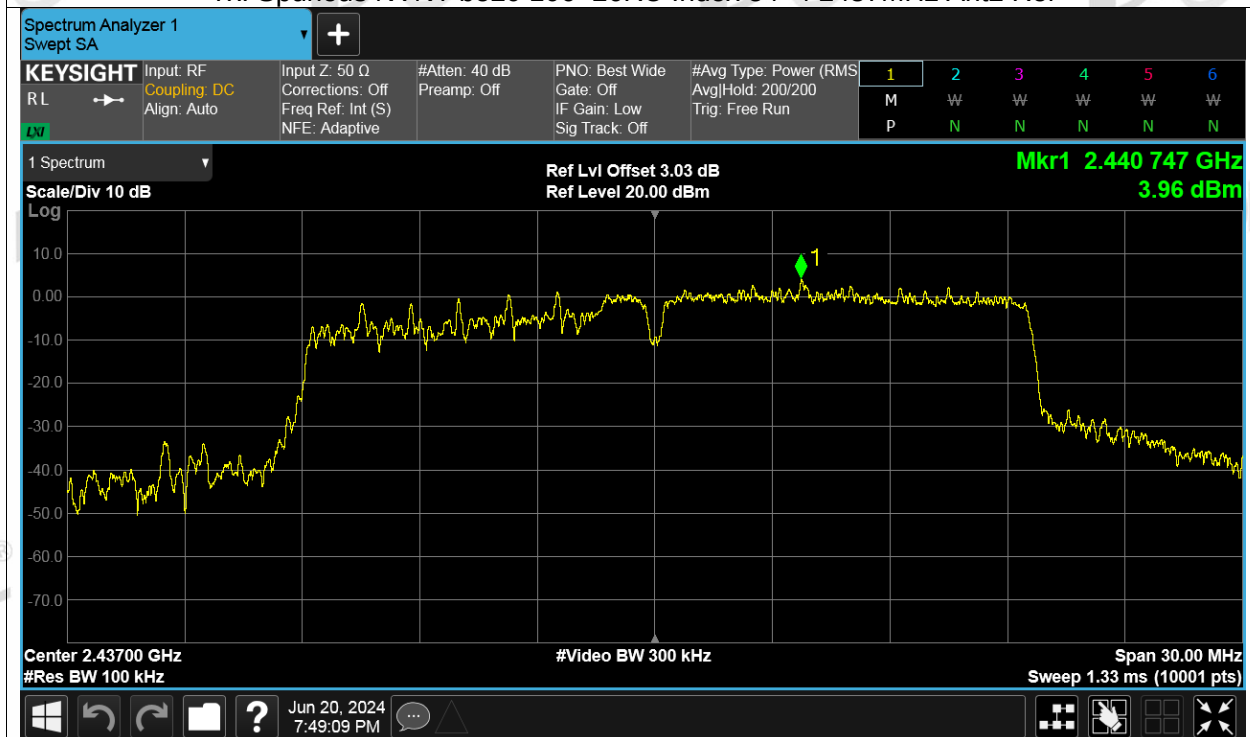
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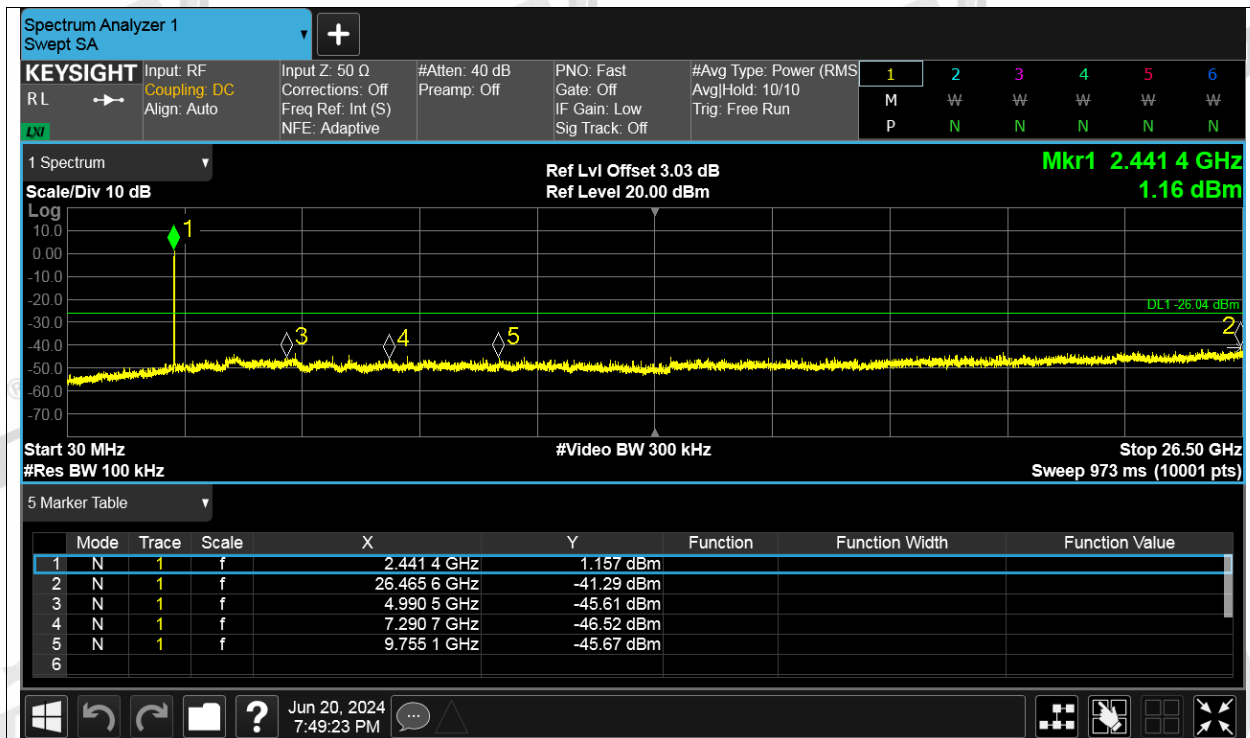
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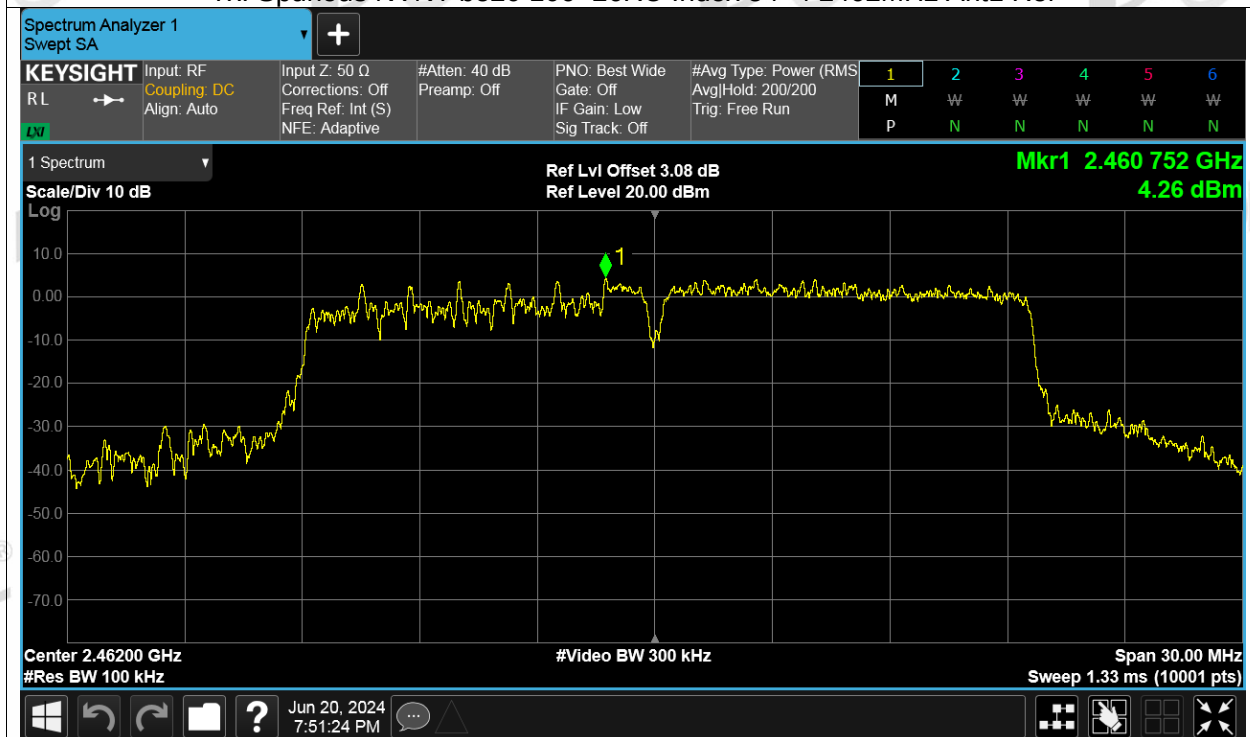
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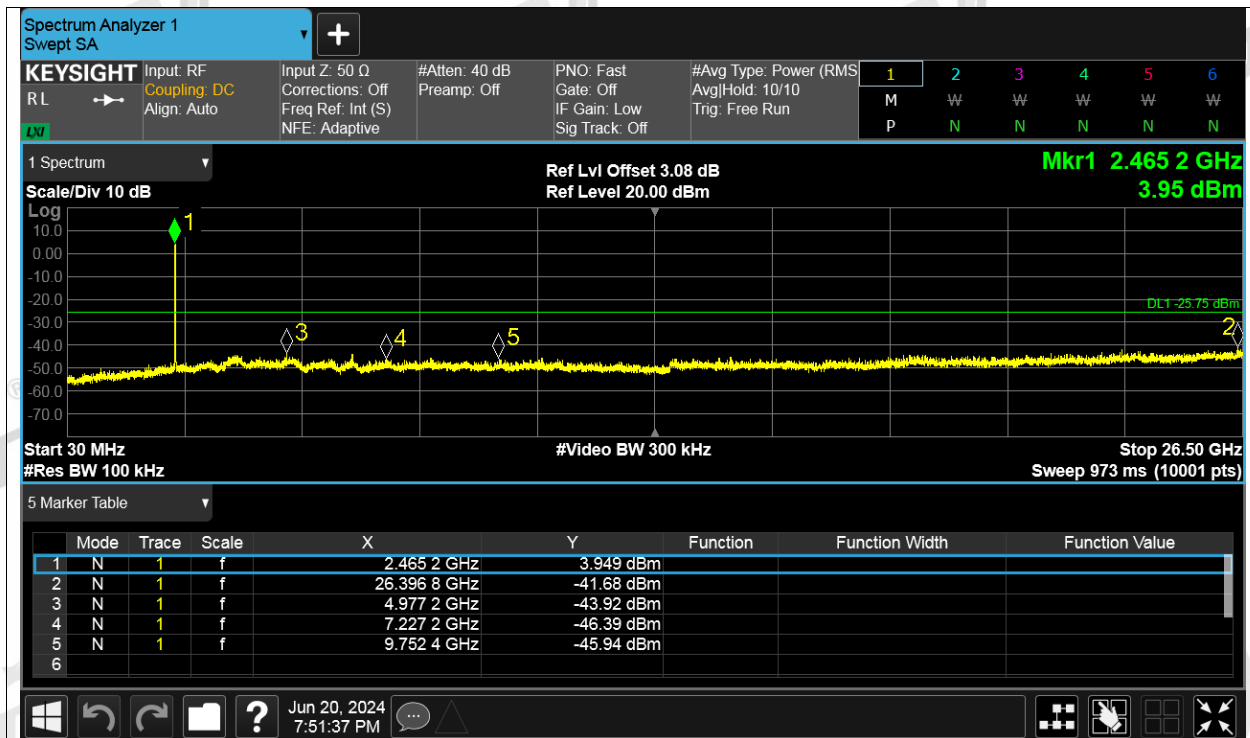
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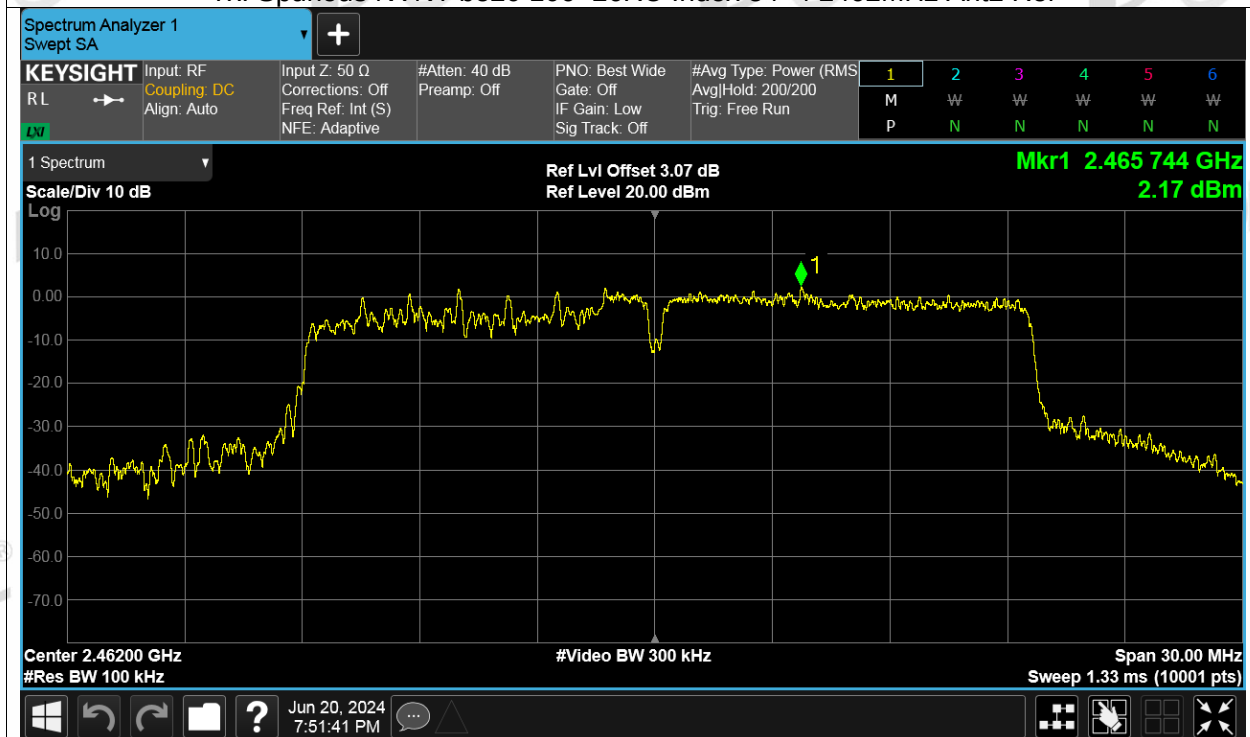
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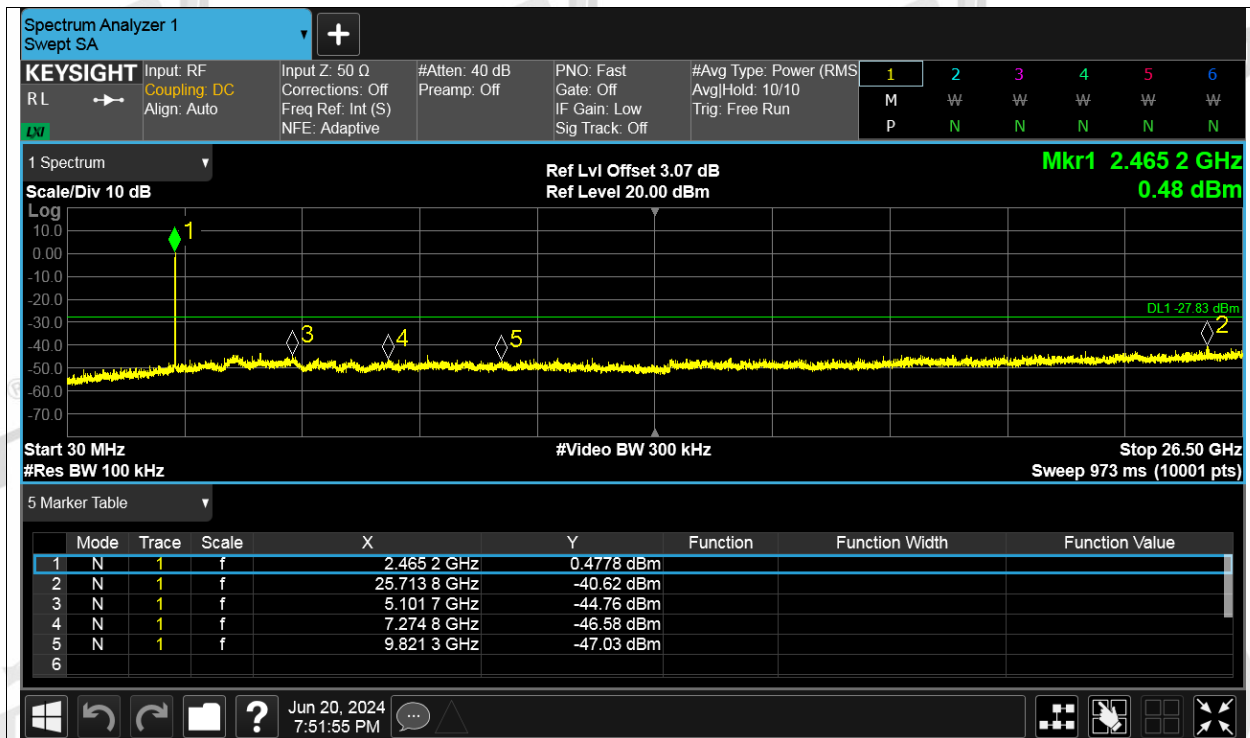
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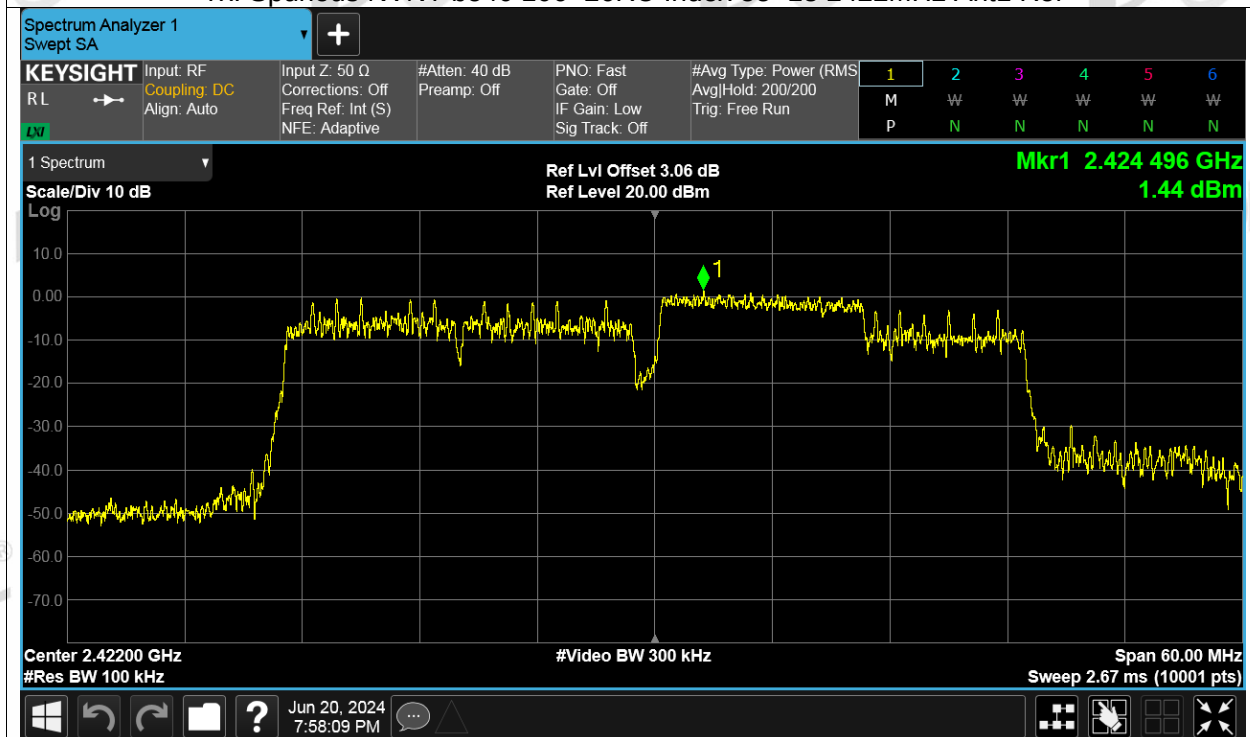
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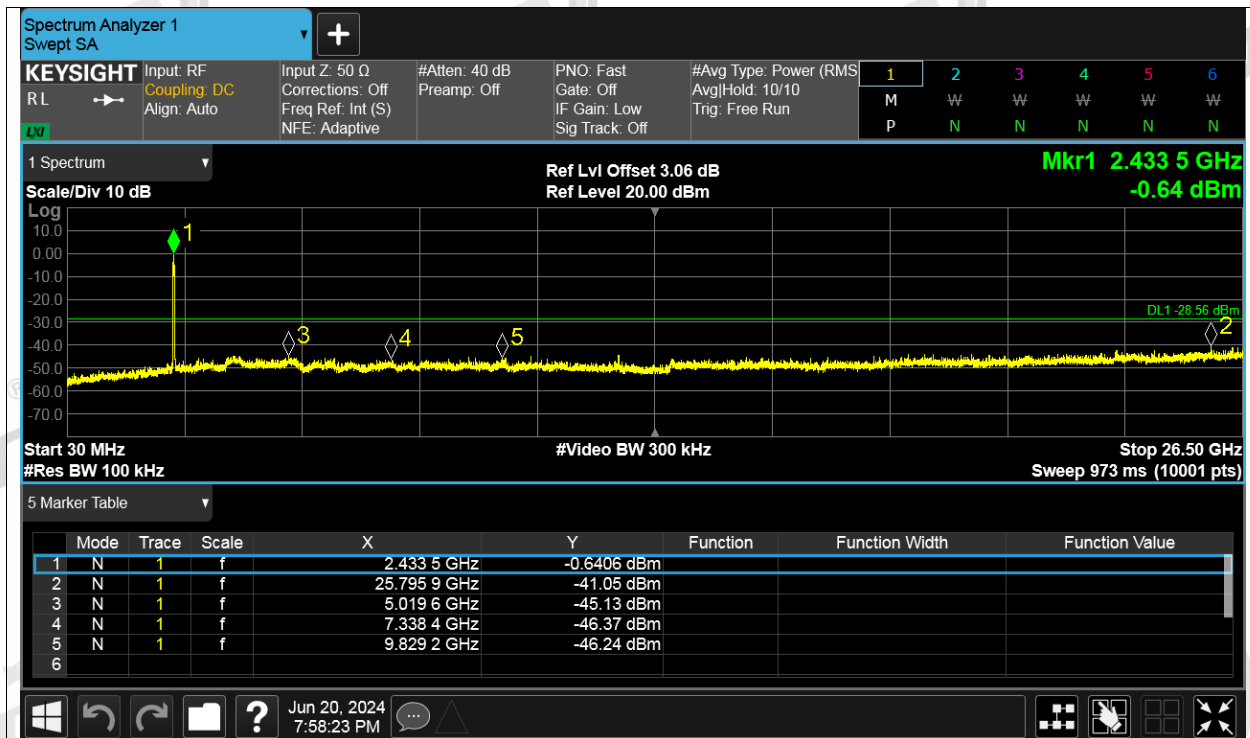
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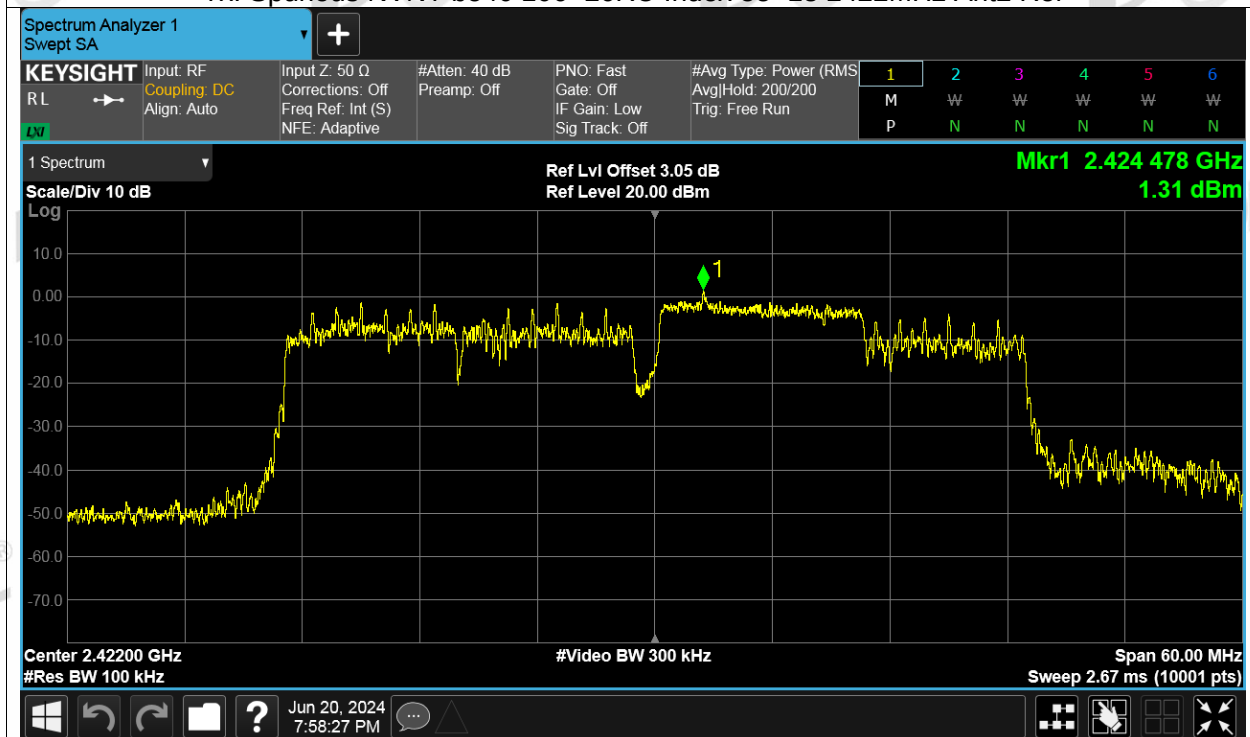
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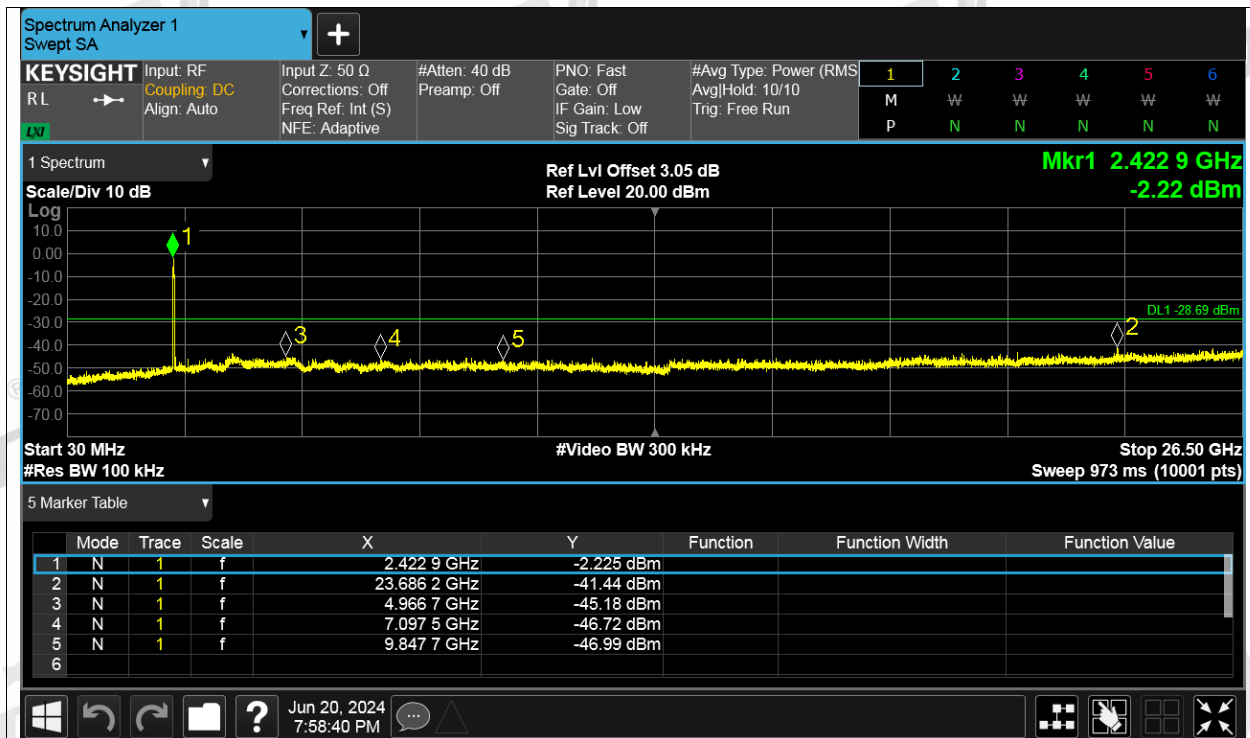
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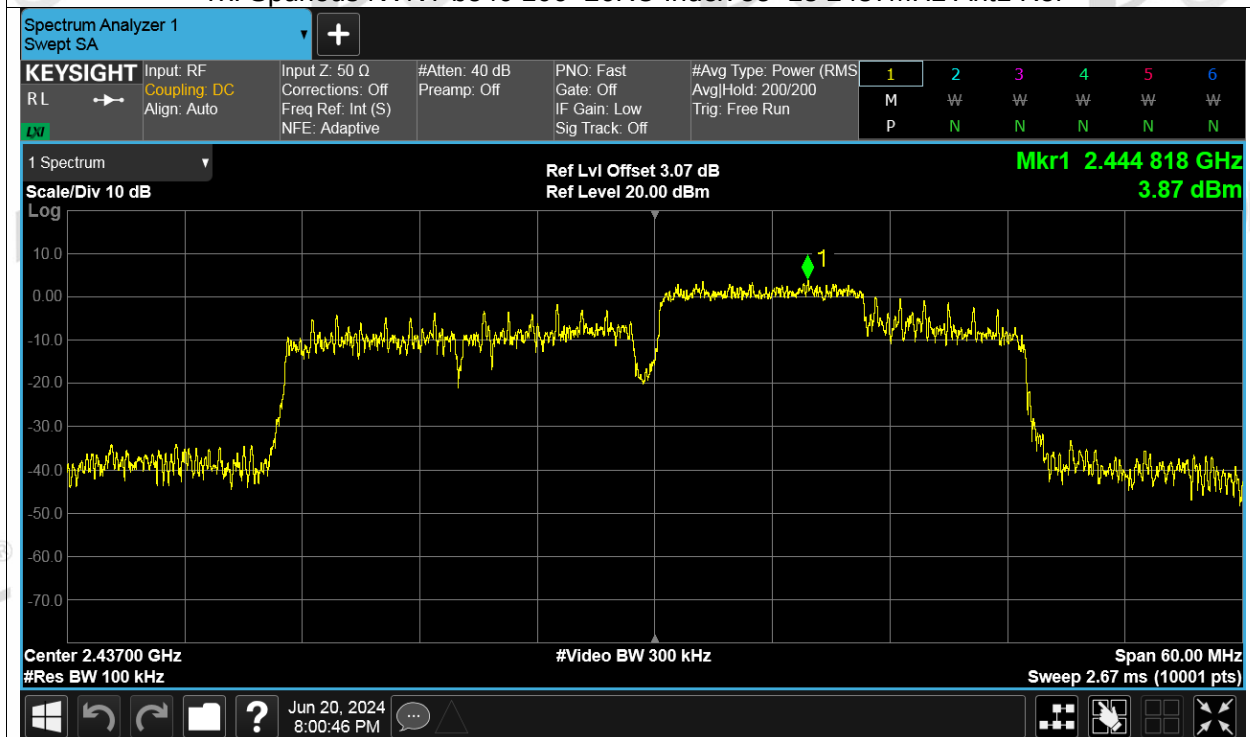
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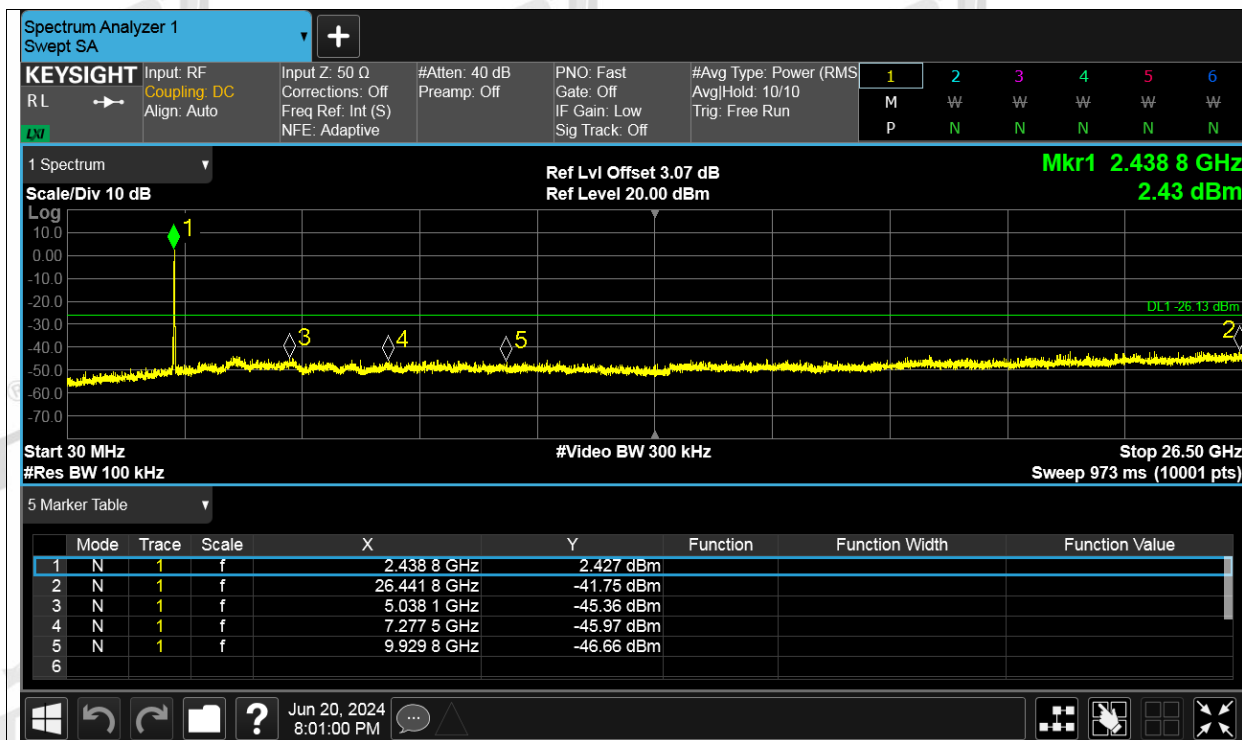
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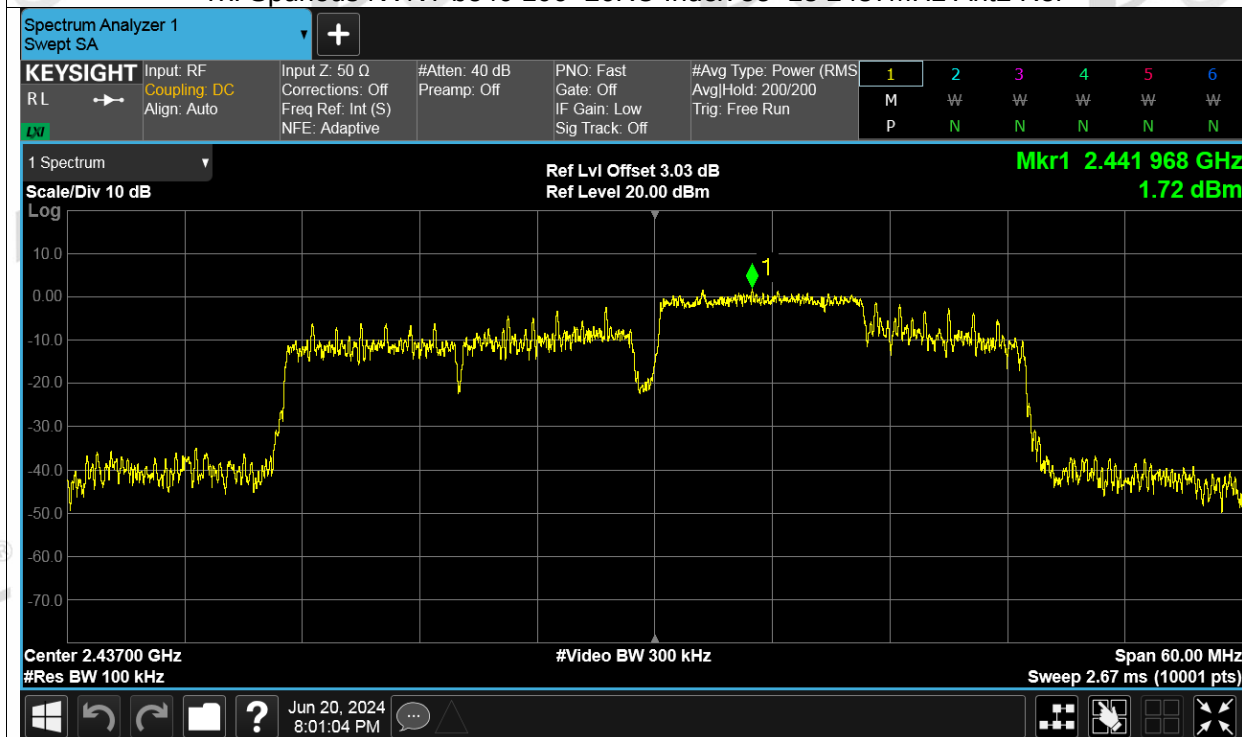
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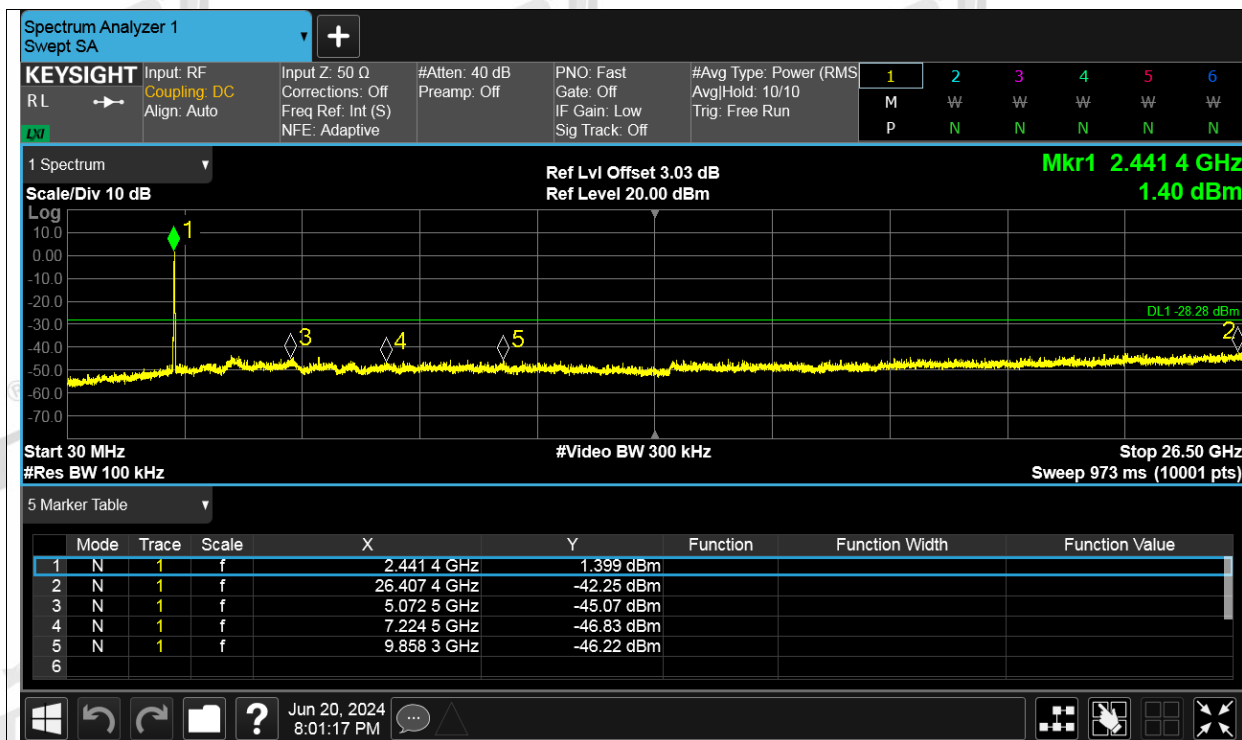
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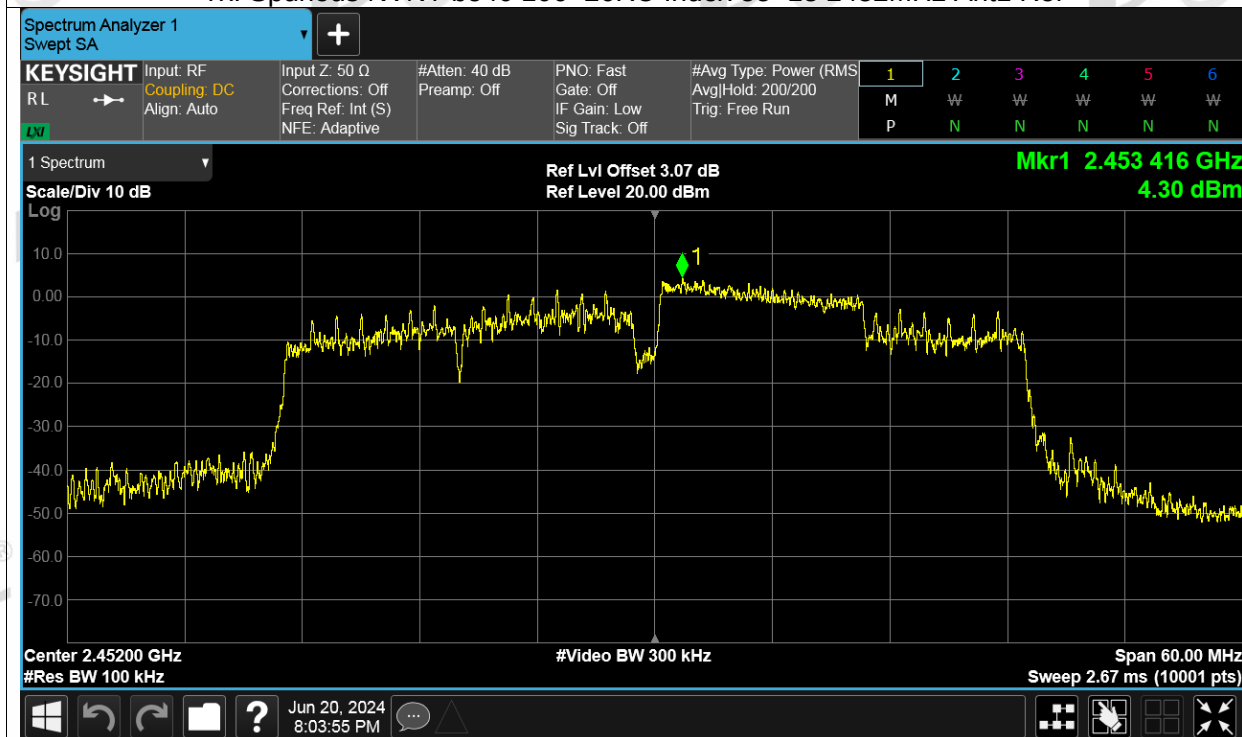
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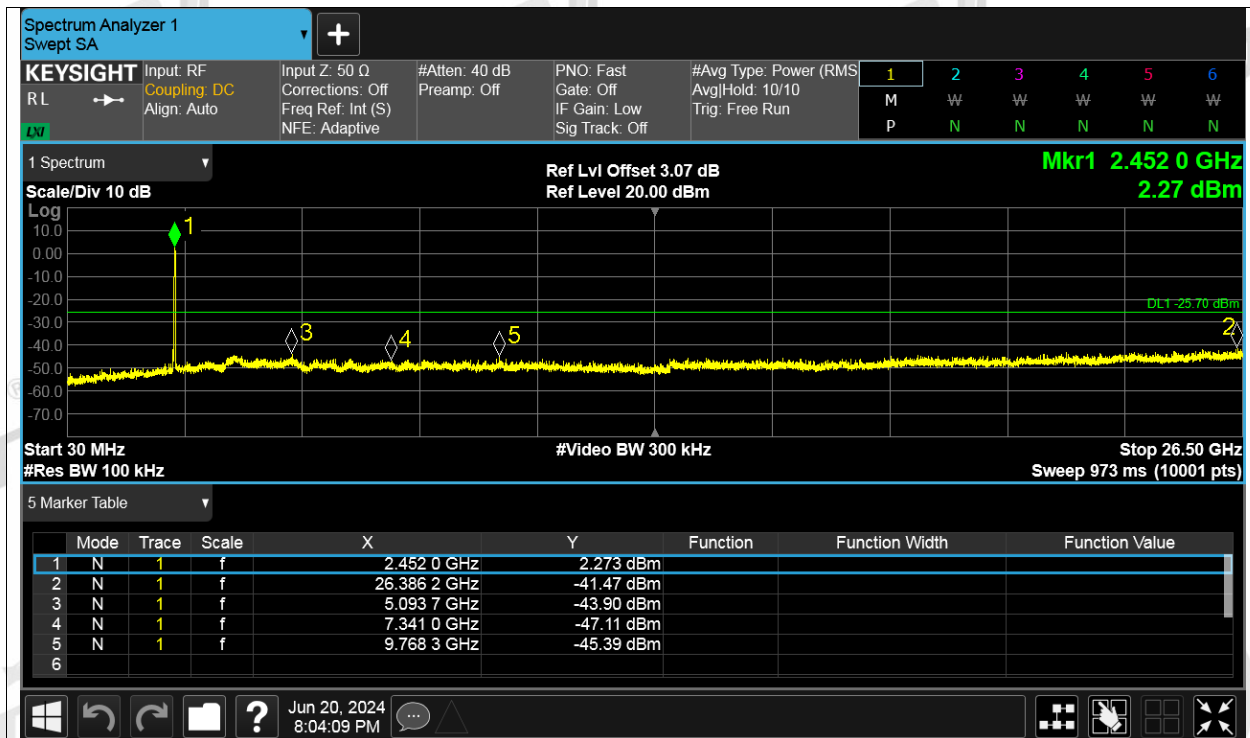
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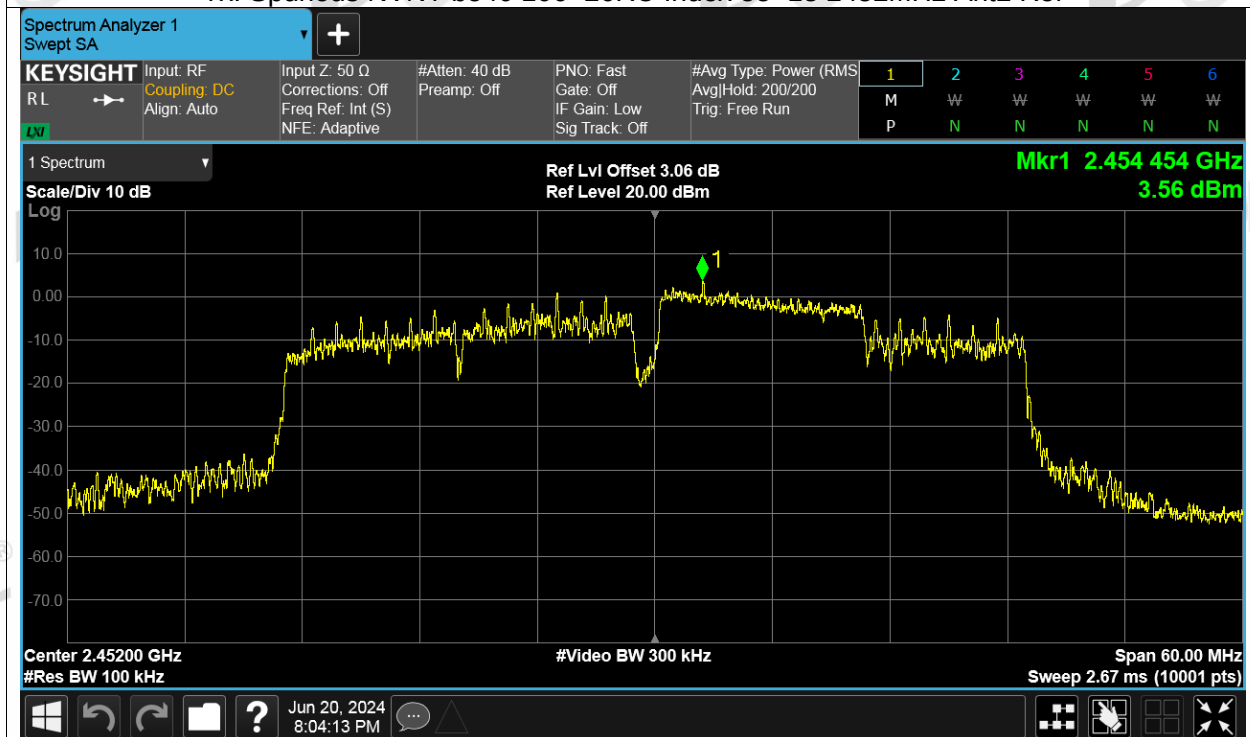
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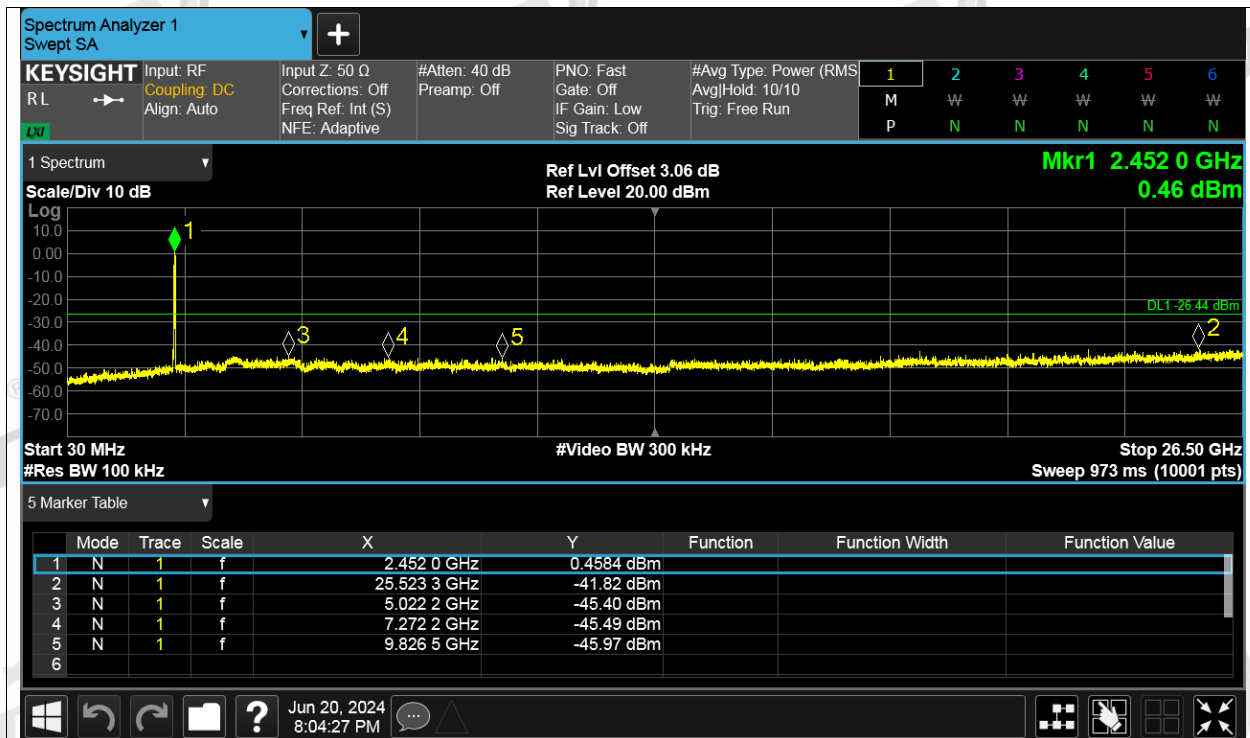
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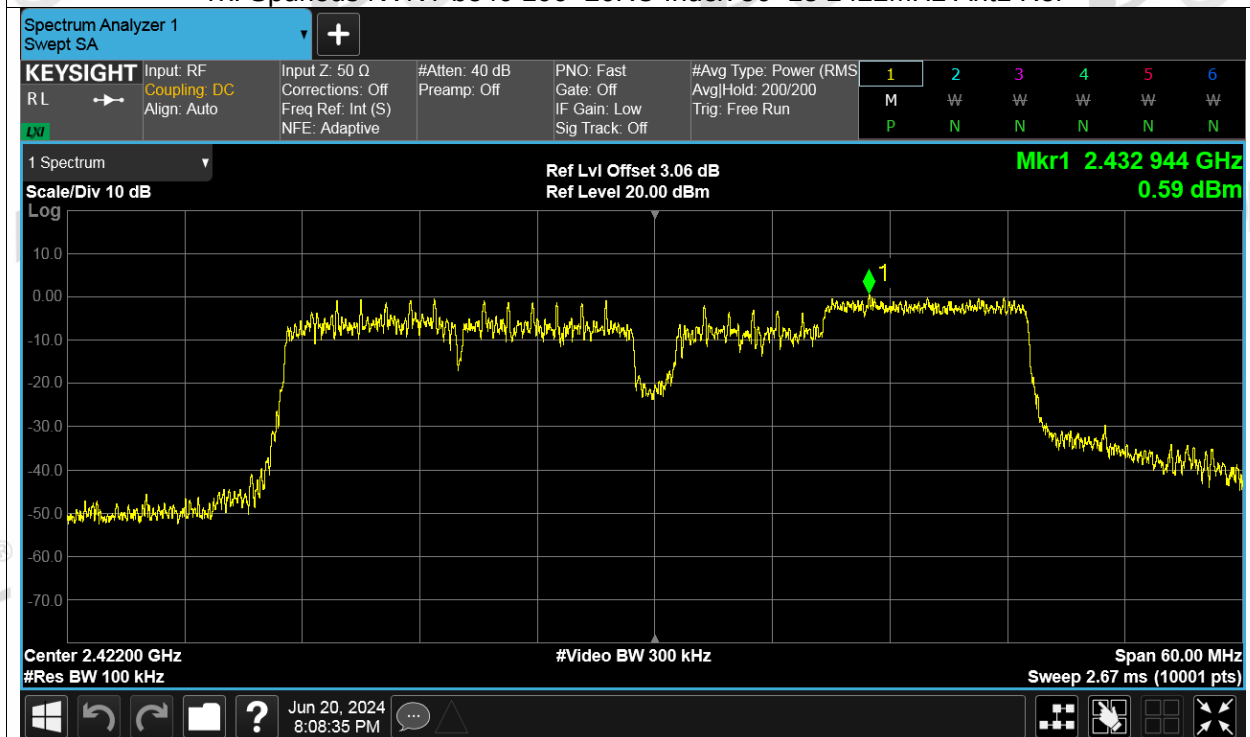
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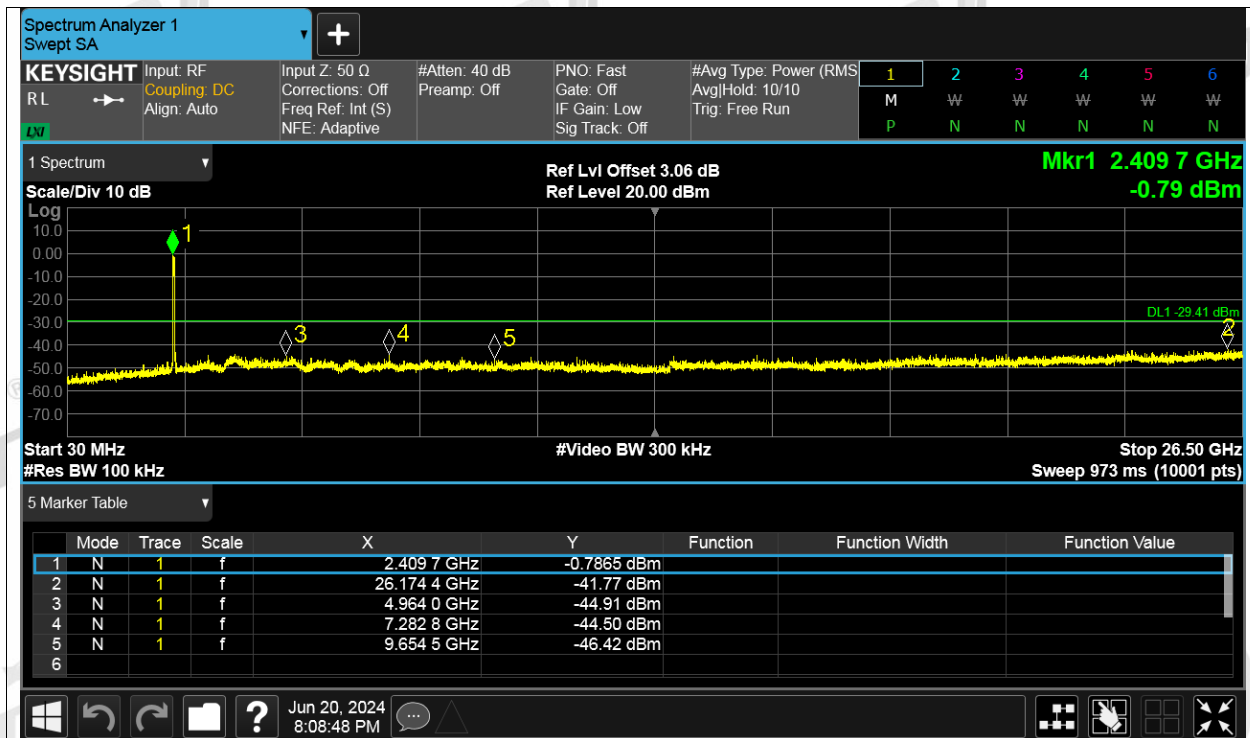
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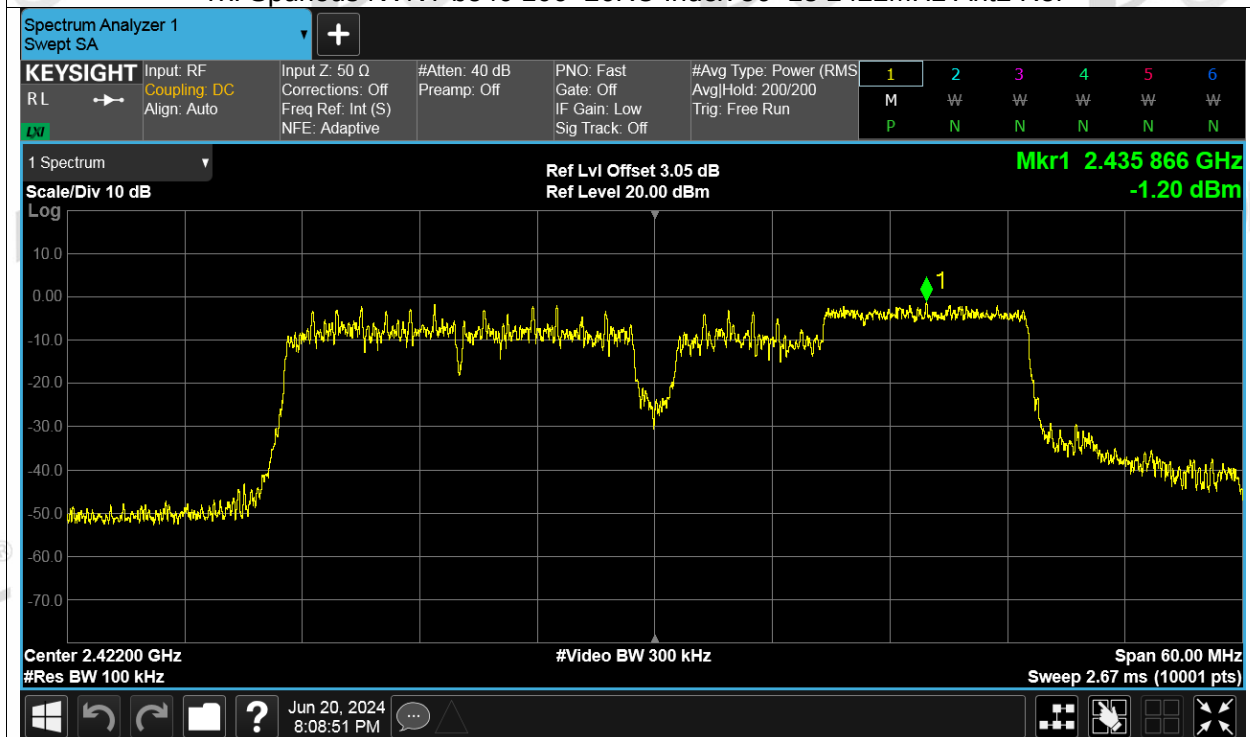
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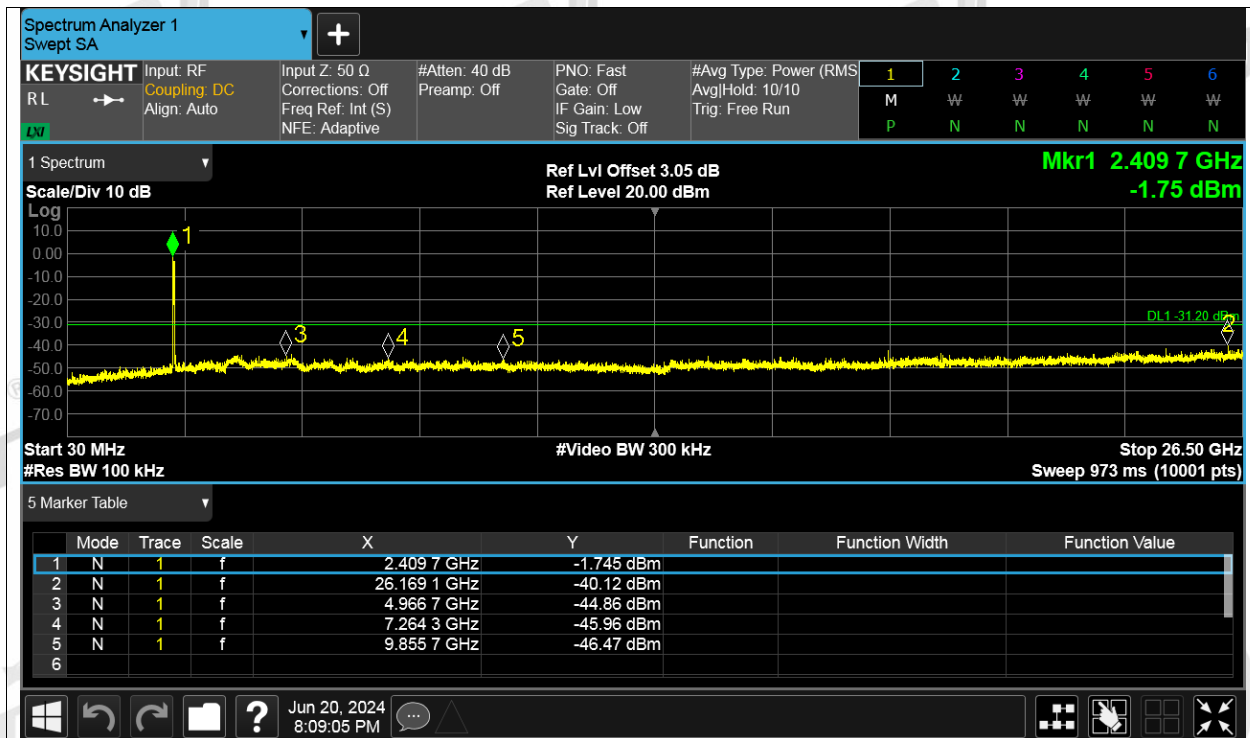
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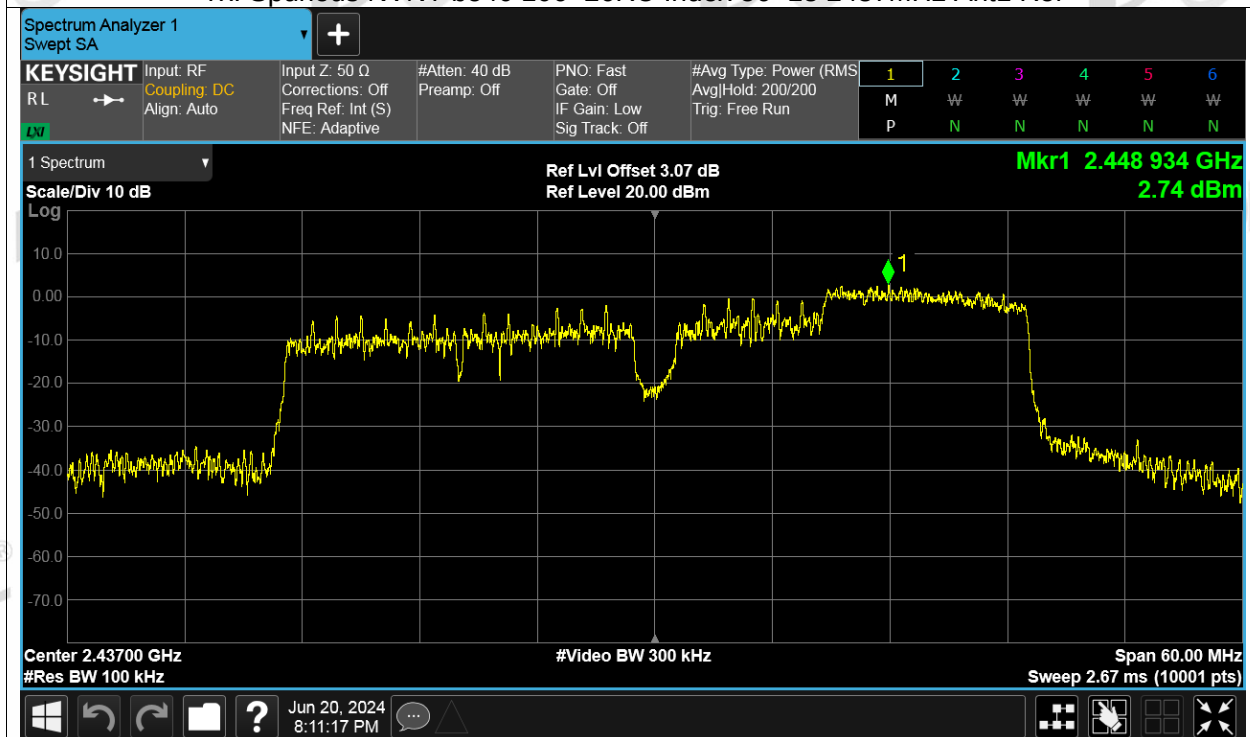
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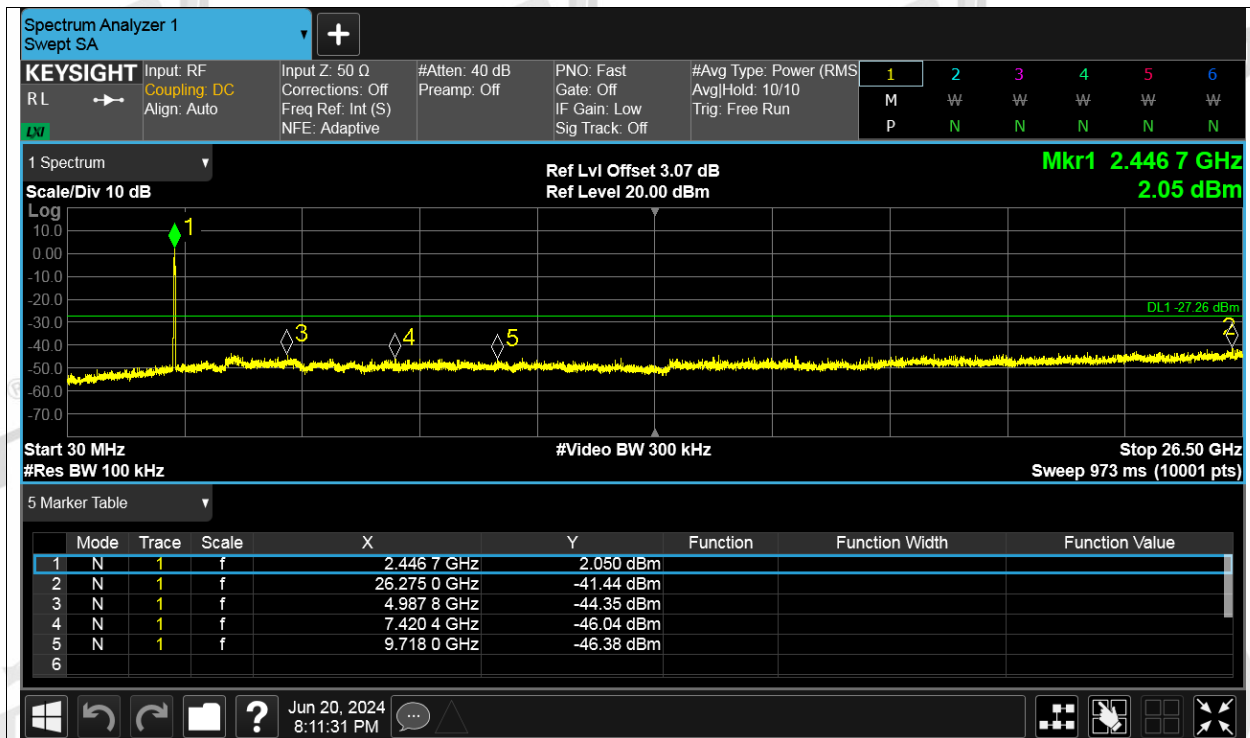
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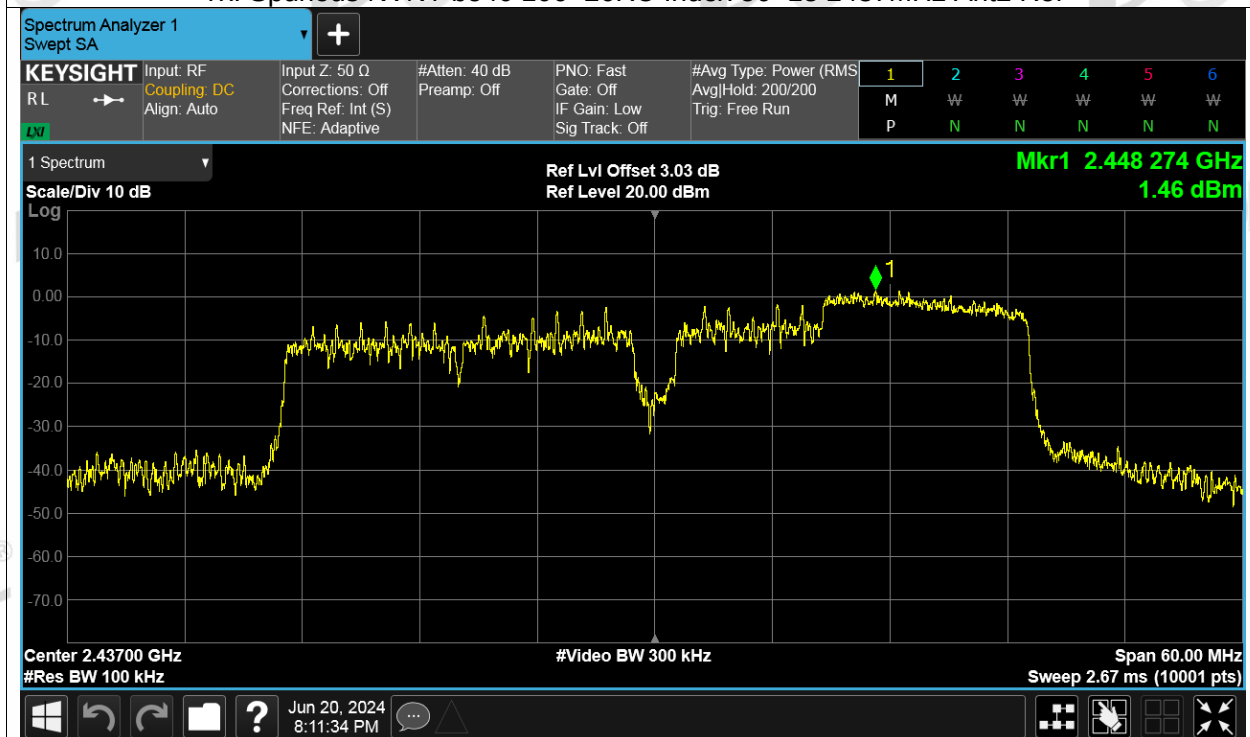
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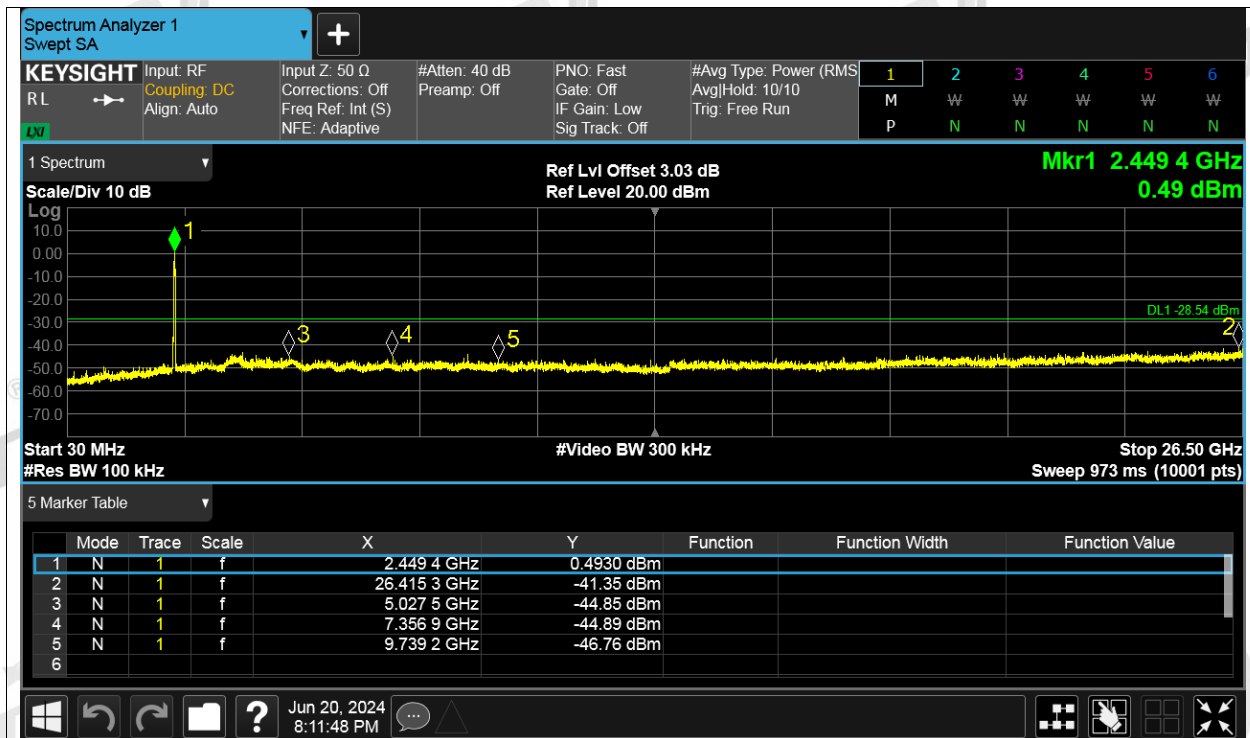
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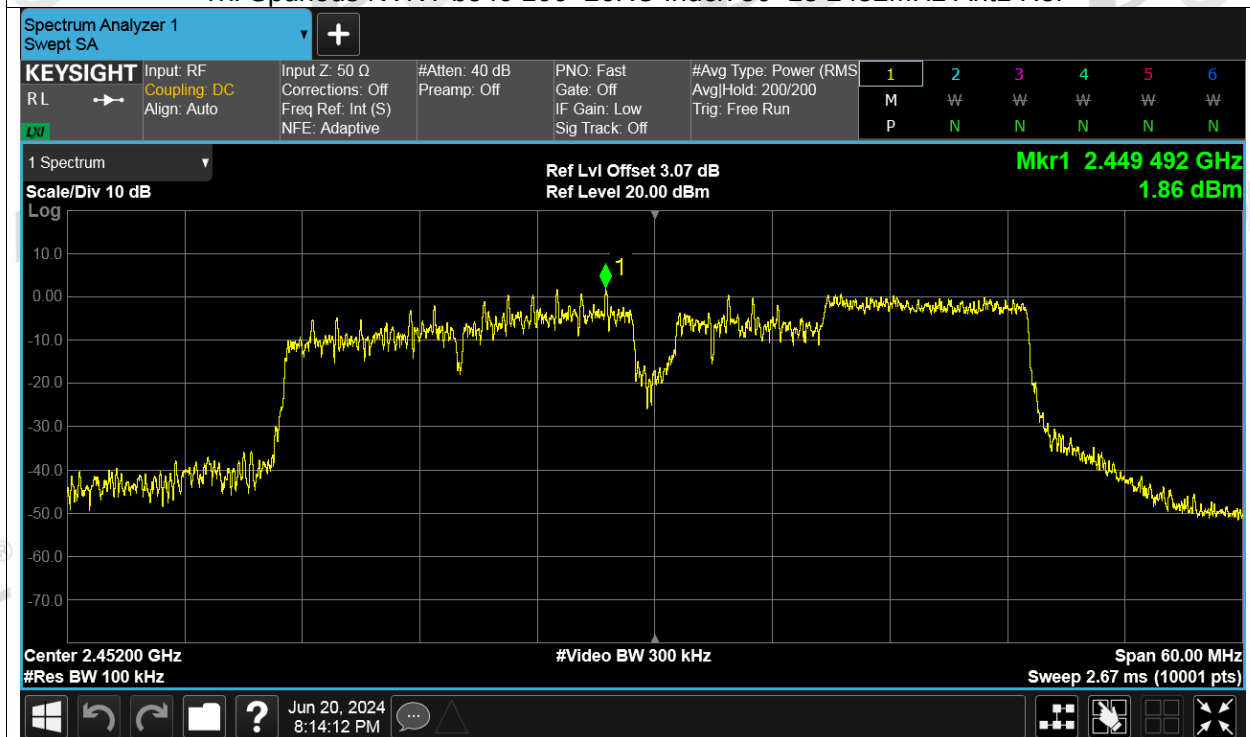
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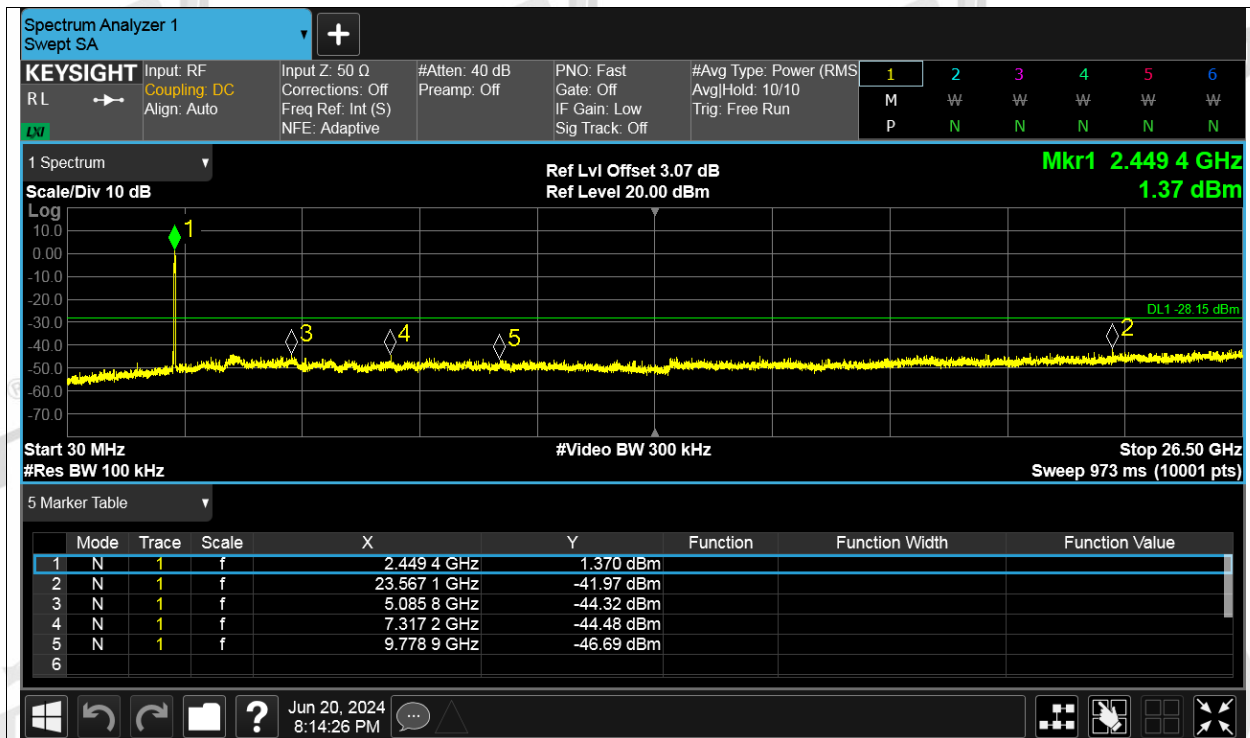
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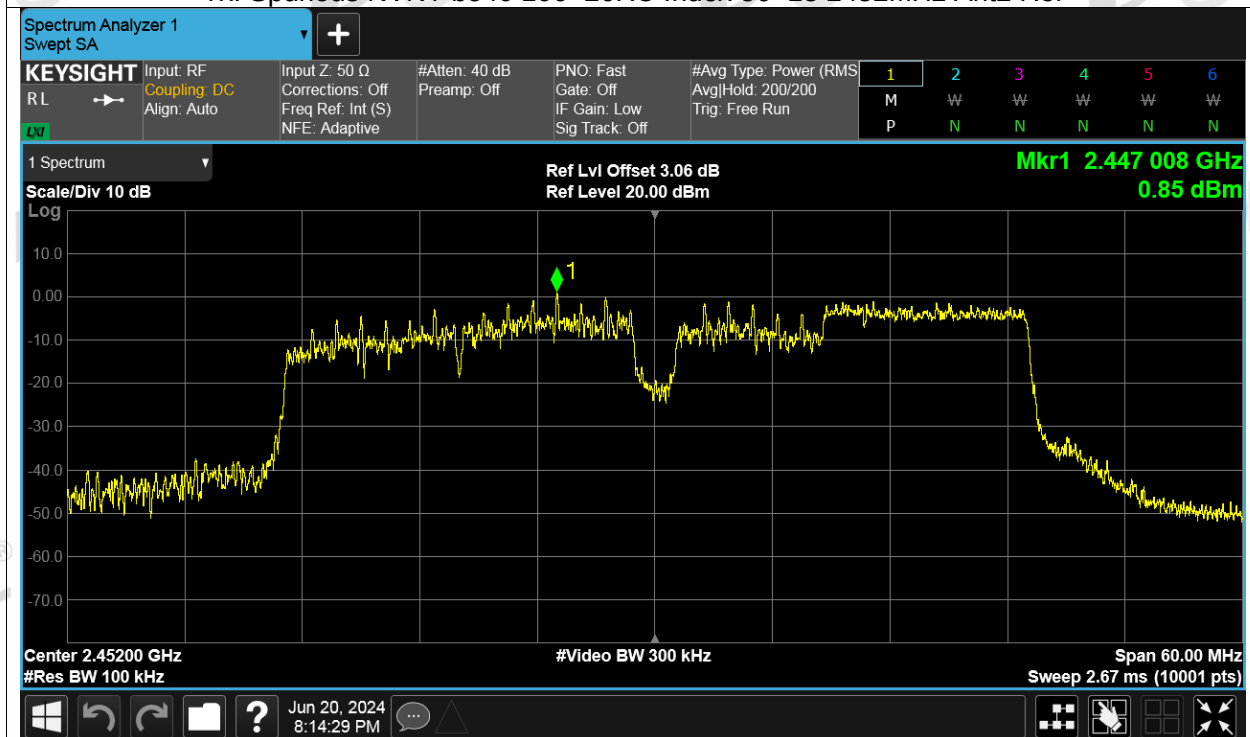
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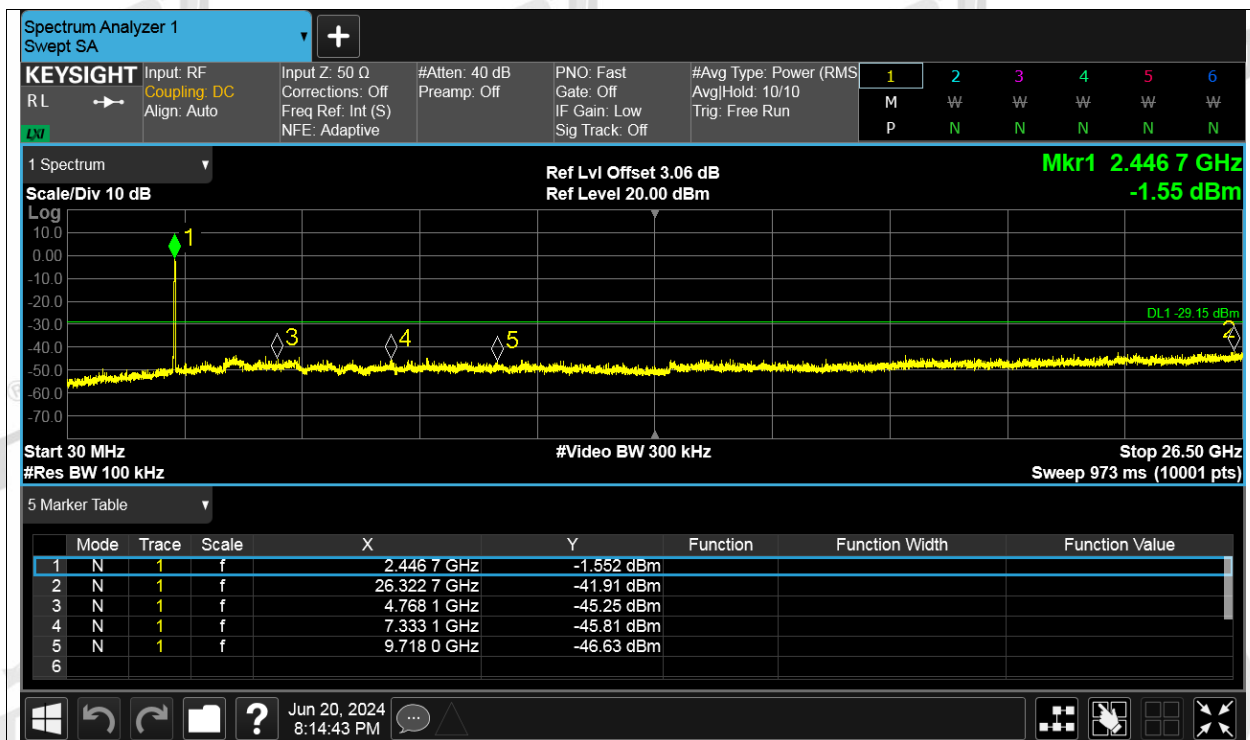
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Tx. Spurious NVNT be40 106+26RU Index 56+13 2452MHz Ant2 Ref

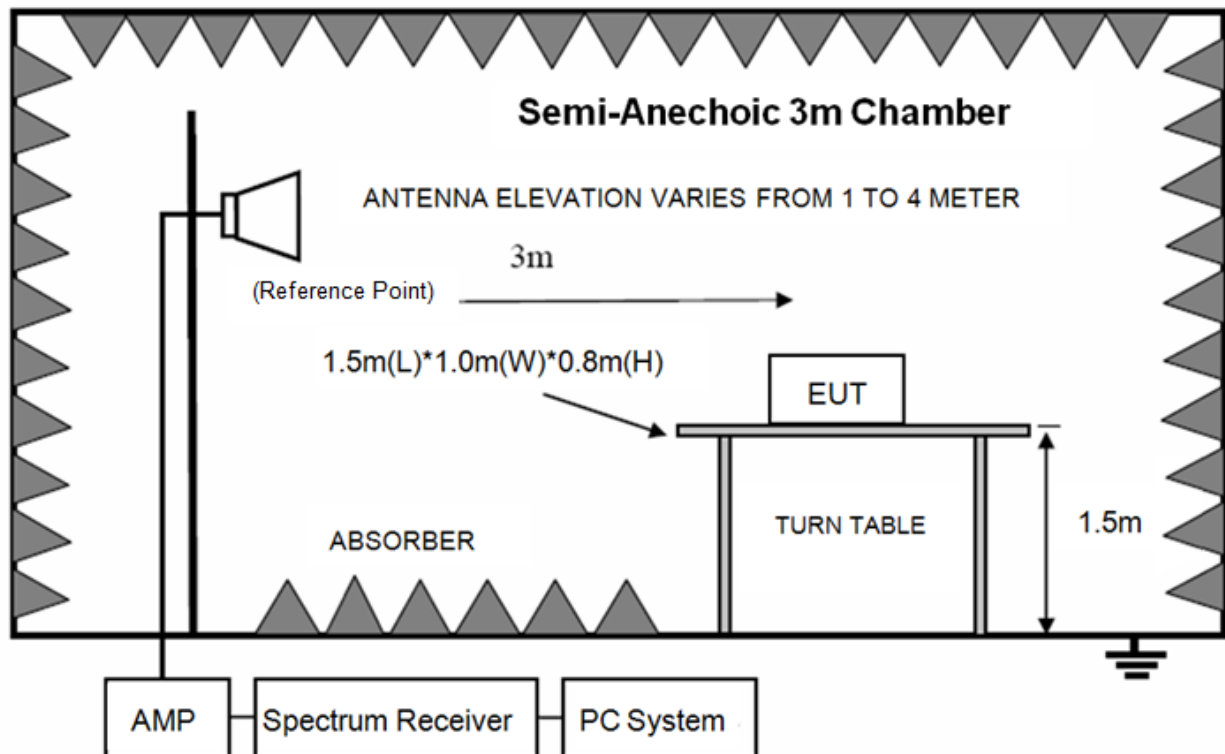


Tx. Spurious NVNT be40 106+26RU Index 56+13 2452MHz Ant2 Emission



11. Radiated Band Edge Compliance

11.1. Block diagram of test setup



11.2. 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.

11.3. Test procedure

Same with clause 8.3 except change investigated frequency range.

Remark: All restriction band have been tested, and shown in report.

11.4. Test result

Pass. (See below detailed test result)

Note: All modes were test and the worst case was record in this report.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 05-29-2024

Tested By : Sunny

EUT : Wireless Access Point

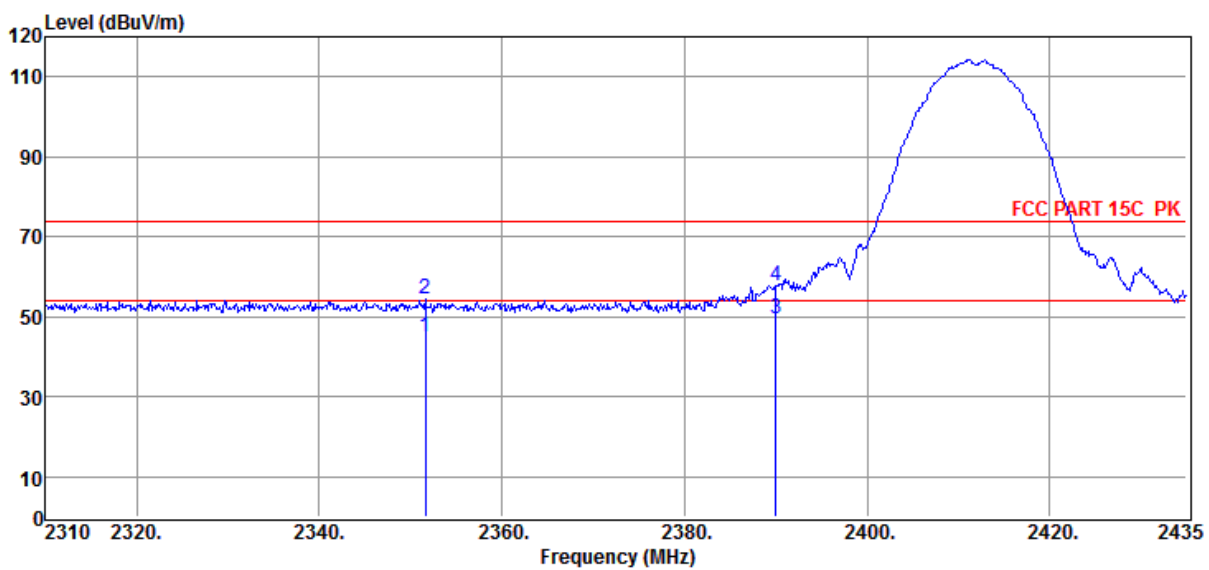
Model Number : RG-RAP72Pro

Power Supply : PoE 54V DC

Test Mode : Tx mode

Memo : 11B 1M ANT1 2412MHz

Data: 163



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2351.63	13.86	28.11	3.16	45.13	54.00	-8.87	Average	VERTICAL
2	2351.63	23.34	28.11	3.16	54.61	74.00	-19.39	Peak	VERTICAL
3	2390.00	18.36	28.05	3.18	49.59	54.00	-4.41	Average	VERTICAL
4	2390.00	26.65	28.05	3.18	57.88	74.00	-16.12	Peak	VERTICAL

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

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.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 05-29-2024

Tested By : Sunny

EUT : Wireless Access Point

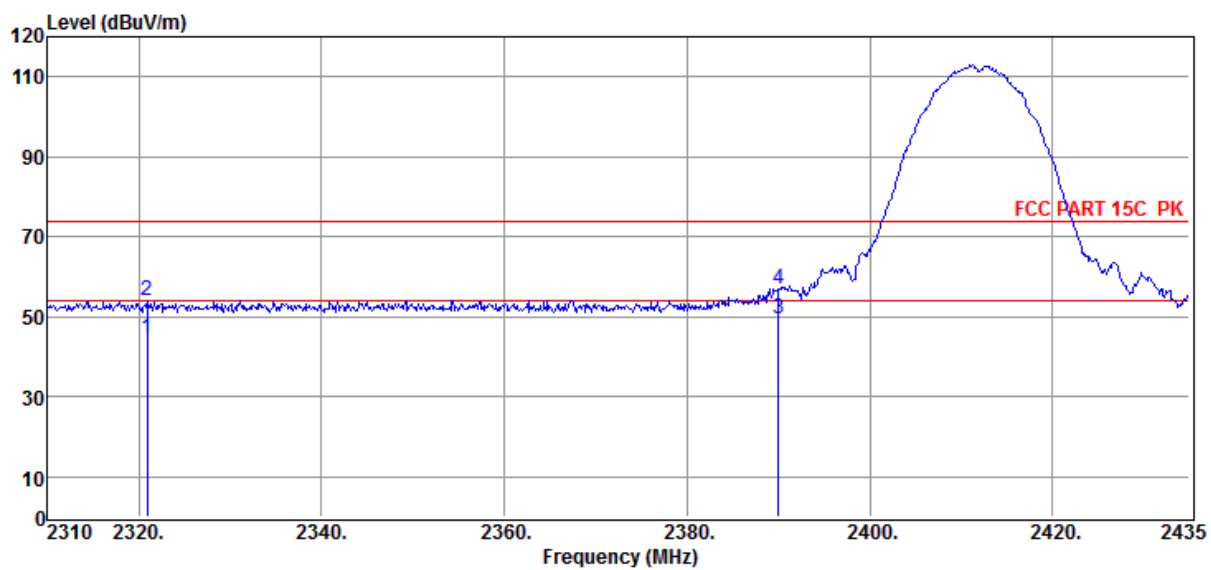
Model Number : RG-RAP72Pro

Power Supply : PoE 54V DC

Test Mode : Tx mode

Memo : 11B 1M ANT1 2412MHz

Data: 164



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2320.88	13.35	28.15	3.13	44.63	54.00	-9.37	Average	HORIZONTAL
2	2320.88	22.92	28.15	3.13	54.20	74.00	-19.80	Peak	HORIZONTAL
3	2390.00	18.10	28.05	3.18	49.33	54.00	-4.67	Average	HORIZONTAL
4	2390.00	25.72	28.05	3.18	56.95	74.00	-17.05	Peak	HORIZONTAL

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

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.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 05-29-2024

Tested By : Sunny

EUT : Wireless Access Point

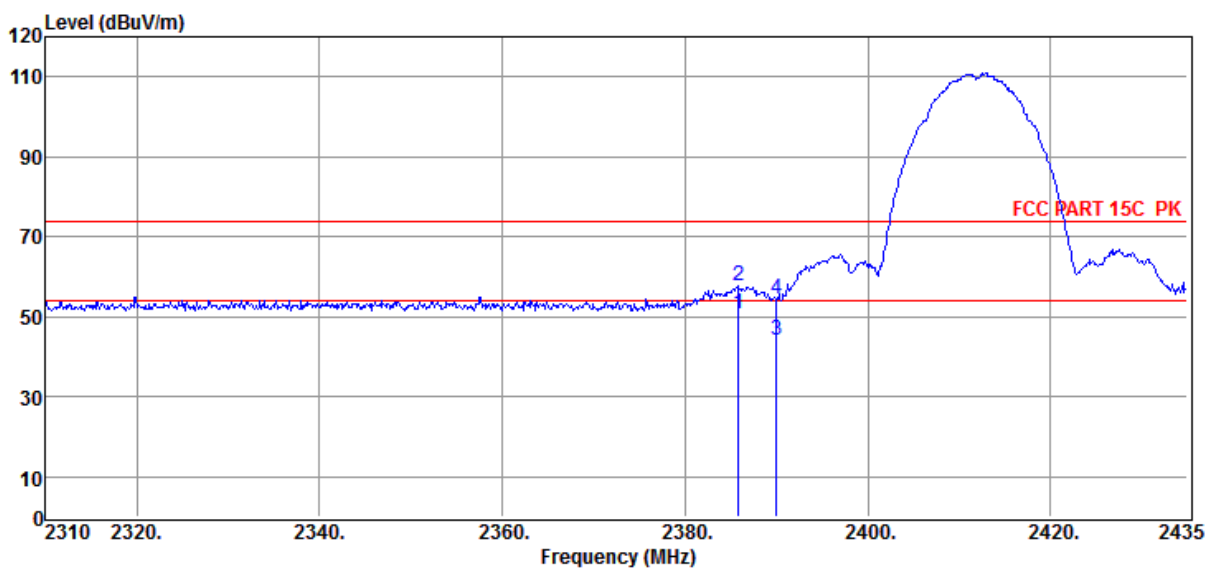
Model Number : RG-RAP72Pro

Power Supply : PoE 54V DC

Test Mode : Tx mode

Memo : 11B 1M ANT2 2412MHz

Data: 165



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2385.88	19.38	28.06	3.18	50.62	54.00	-3.38	Average	VERTICAL
2	2385.88	26.31	28.06	3.18	57.55	74.00	-16.45	Peak	VERTICAL
3	2390.00	12.81	28.05	3.18	44.04	54.00	-9.96	Average	VERTICAL
4	2390.00	23.12	28.05	3.18	54.35	74.00	-19.65	Peak	VERTICAL

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

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.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 05-29-2024

Tested By : Sunny

EUT : Wireless Access Point

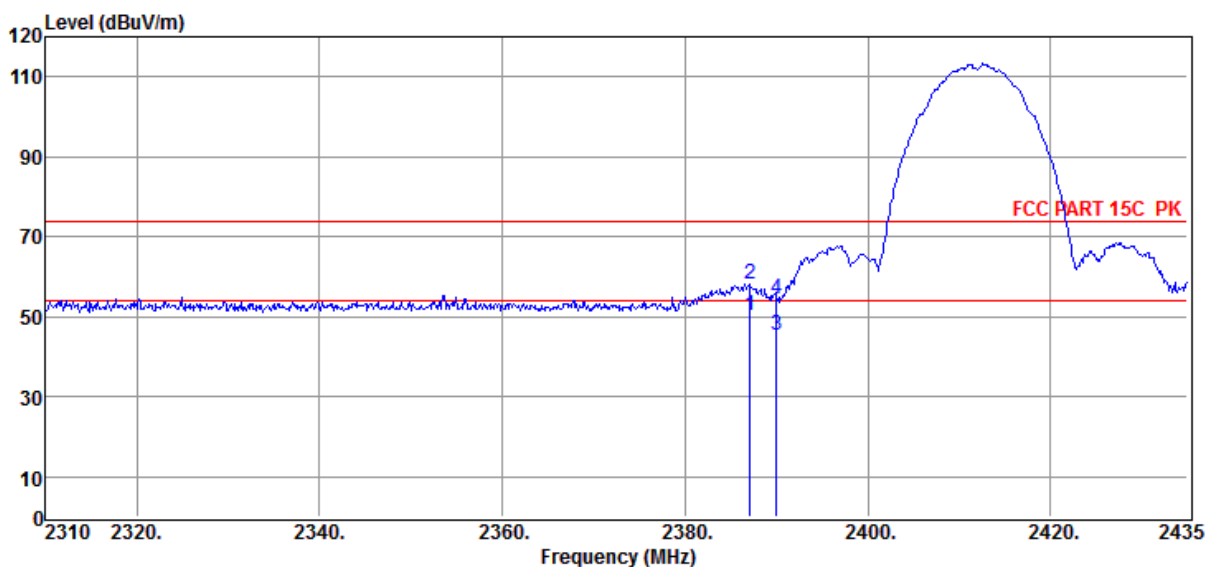
Model Number : RG-RAP72Pro

Power Supply : PoE 54V DC

Test Mode : Tx mode

Memo : 11B 1M ANT2 2412MHz

Data: 166



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2387.13	18.95	28.06	3.18	50.19	54.00	-3.81	Average	HORIZONTAL
2	2387.13	27.10	28.06	3.18	58.34	74.00	-15.66	Peak	HORIZONTAL
3	2390.00	14.32	28.05	3.18	45.55	54.00	-8.45	Average	HORIZONTAL
4	2390.00	23.15	28.05	3.18	54.38	74.00	-19.62	Peak	HORIZONTAL

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

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.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 05-29-2024

Tested By : Sunny

EUT : Wireless Access Point

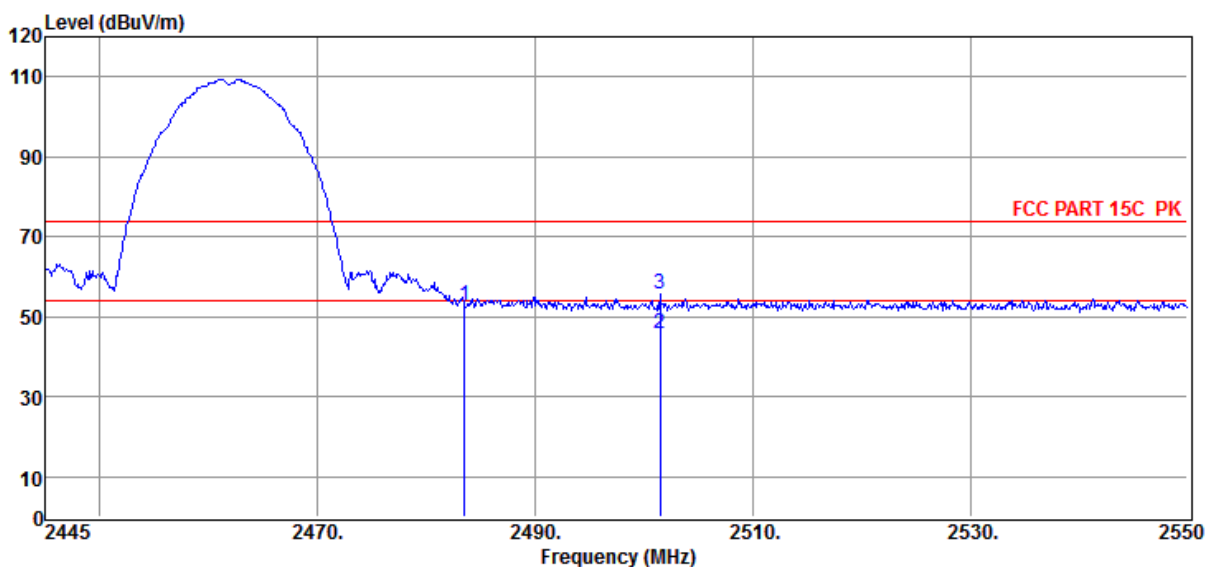
Model Number : RG-RAP72Pro

Power Supply : PoE 54V DC

Test Mode : Tx mode

Memo : 11B 1M ANT1 2462MHz

Data: 167



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2483.50	21.54	27.92	3.23	52.69	74.00	-21.31	Peak	HORIZONTAL
2	2501.49	14.49	27.90	3.24	45.63	54.00	-8.37	Average	HORIZONTAL
3	2501.49	24.35	27.90	3.24	55.49	74.00	-18.51	Peak	HORIZONTAL

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

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.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 05-29-2024

Tested By : Sunny

EUT : Wireless Access Point

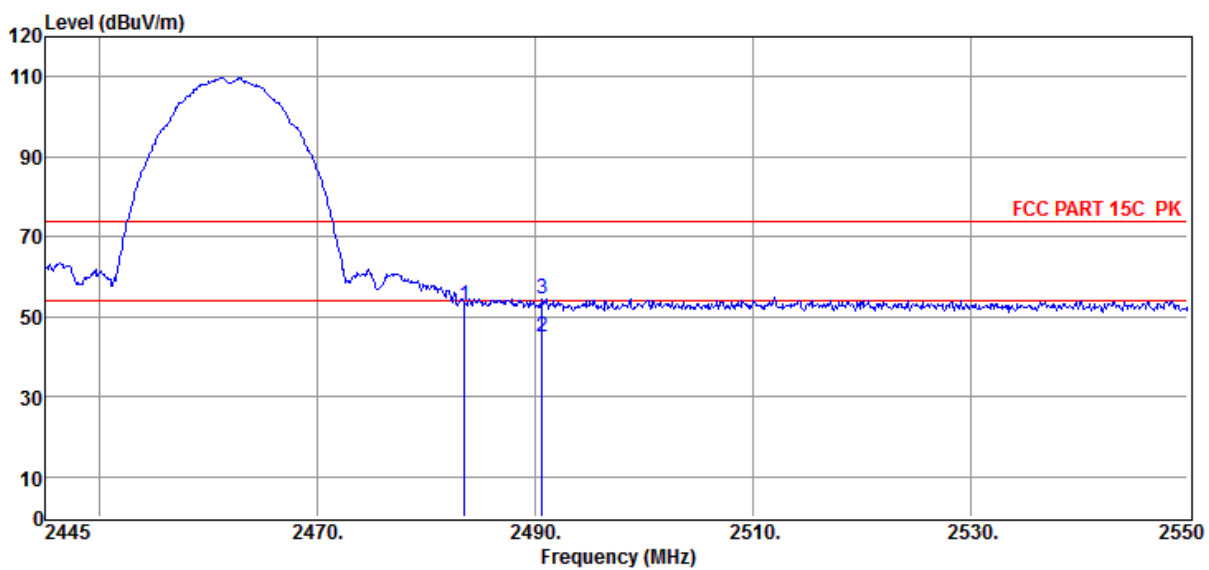
Model Number : RG-RAP72Pro

Power Supply : PoE 54V DC

Test Mode : Tx mode

Memo : 11B 1M ANT1 2462MHz

Data: 168



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2483.50	21.48	27.92	3.23	52.63	74.00	-21.37	Peak	VERTICAL
2	2490.68	13.79	27.91	3.24	44.94	54.00	-9.06	Average	VERTICAL
3	2490.68	23.42	27.91	3.24	54.57	74.00	-19.43	Peak	VERTICAL

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

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.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 06-07-2024

Tested By : Sunny

EUT : Wireless Access Point

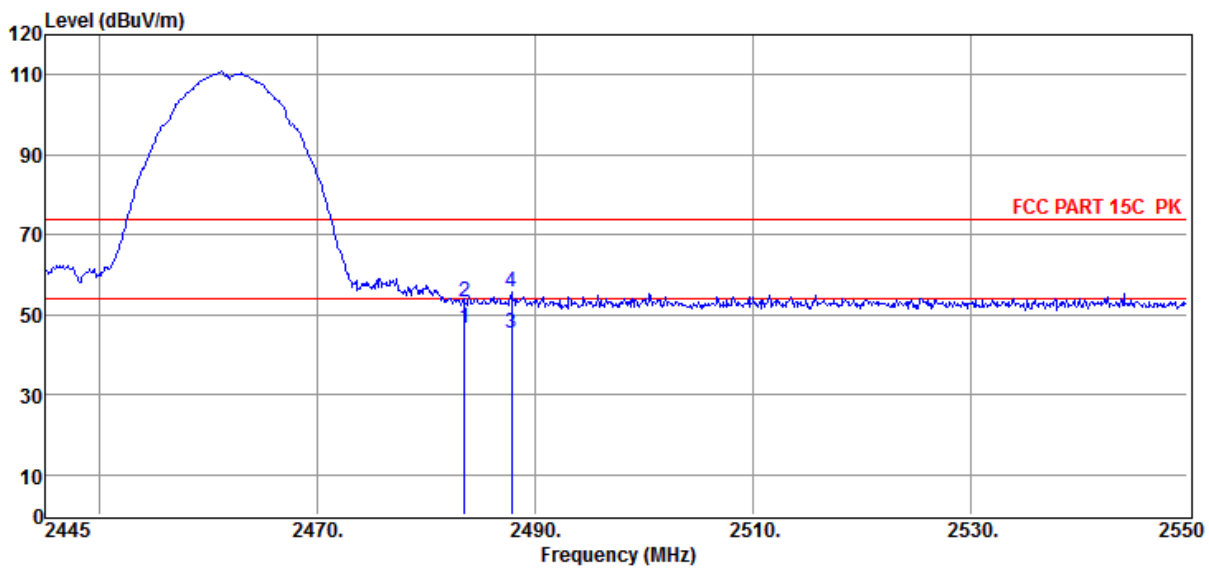
Model Number : RG-RAP72Pro

Power Supply : PoE 54V DC

Test Mode : Tx mode

Memo : 11B 1M ANT2 2462MHz

Data: 169



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2483.50	15.49	27.92	3.23	46.64	54.00	-7.36	Average	VERTICAL
2	2483.50	21.84	27.92	3.23	52.99	74.00	-21.01	Peak	VERTICAL
3	2487.84	14.35	27.92	3.23	45.50	54.00	-8.50	Average	VERTICAL
4	2487.84	24.35	27.92	3.23	55.50	74.00	-18.50	Peak	VERTICAL

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

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.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 05-29-2024

Tested By : Sunny

EUT : Wireless Access Point

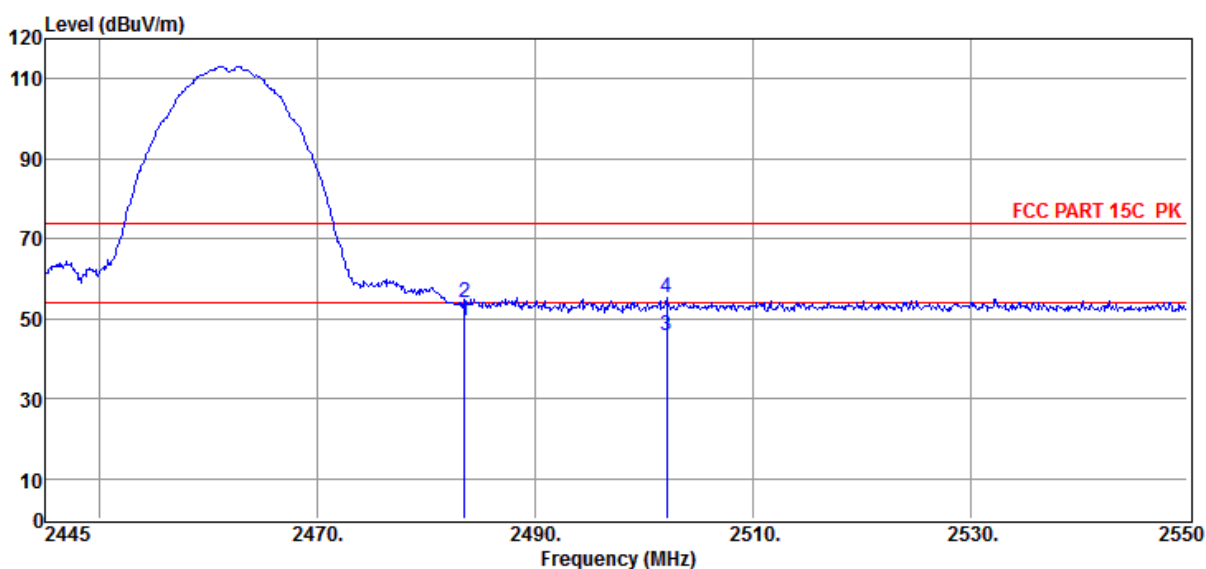
Model Number : RG-RAP72Pro

Power Supply : PoE 54V DC

Test Mode : Tx mode

Memo : 11B 1M ANT2 2462MHz

Data: 170



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2483.54	18.47	27.92	3.23	49.62	54.00	-4.38	Average	HORIZONTAL
2	2483.54	22.97	27.92	3.23	54.12	74.00	-19.88	Peak	HORIZONTAL
3	2502.12	14.44	27.91	3.24	45.59	54.00	-8.41	Average	HORIZONTAL
4	2502.12	24.29	27.91	3.24	55.44	74.00	-18.56	Peak	HORIZONTAL

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

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.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 05-29-2024

Tested By : Sunny

EUT : Wireless Access Point

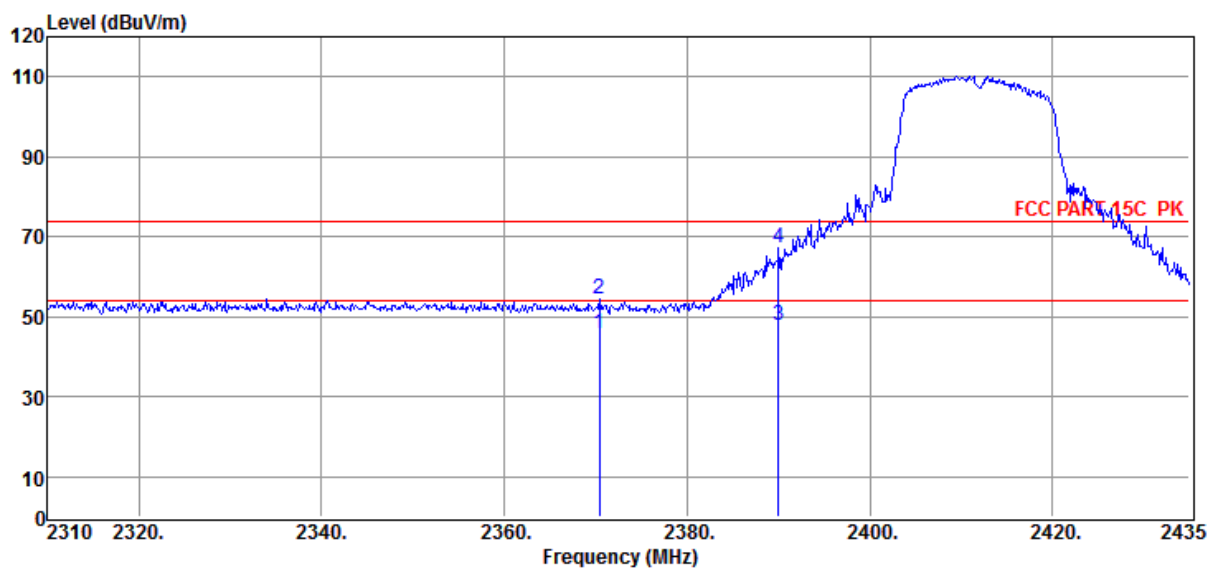
Model Number : RG-RAP72Pro

Power Supply : PoE 54V DC

Test Mode : Tx mode

Memo : 11G 6M ANT1 2412MHz

Data: 171



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2370.38	14.62	28.08	3.17	45.87	54.00	-8.13	Average	HORIZONTAL
2	2370.38	23.34	28.08	3.17	54.59	74.00	-19.41	Peak	HORIZONTAL
3	2390.00	16.71	28.05	3.18	47.94	54.00	-6.06	Average	HORIZONTAL
4	2390.00	36.02	28.05	3.18	67.25	74.00	-6.75	Peak	HORIZONTAL

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

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.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 05-29-2024

Tested By : Sunny

EUT : Wireless Access Point

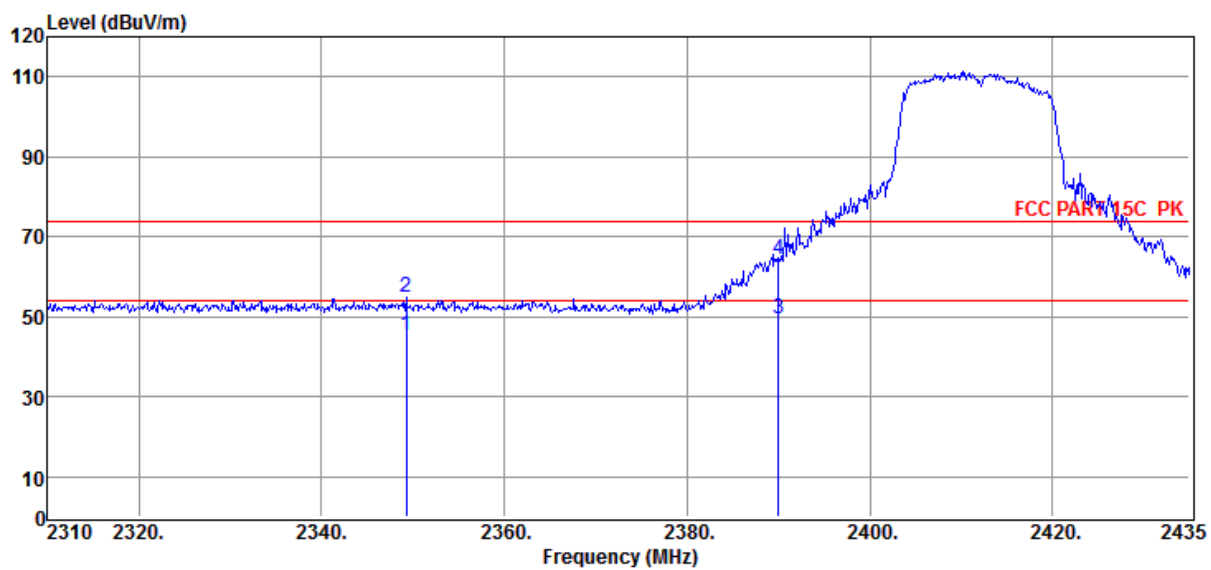
Model Number : RG-RAP72Pro

Power Supply : PoE 54V DC

Test Mode : Tx mode

Memo : 11G 6M ANT1 2412MHz

Data: 172



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2349.25	14.24	28.11	3.15	45.50	54.00	-8.50	Average	VERTICAL
2	2349.25	23.77	28.11	3.15	55.03	74.00	-18.97	Peak	VERTICAL
3	2390.00	18.13	28.05	3.18	49.36	54.00	-4.64	Average	VERTICAL
4	2390.00	33.26	28.05	3.18	64.49	74.00	-9.51	Peak	VERTICAL

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

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.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 05-29-2024

Tested By : Sunny

EUT : Wireless Access Point

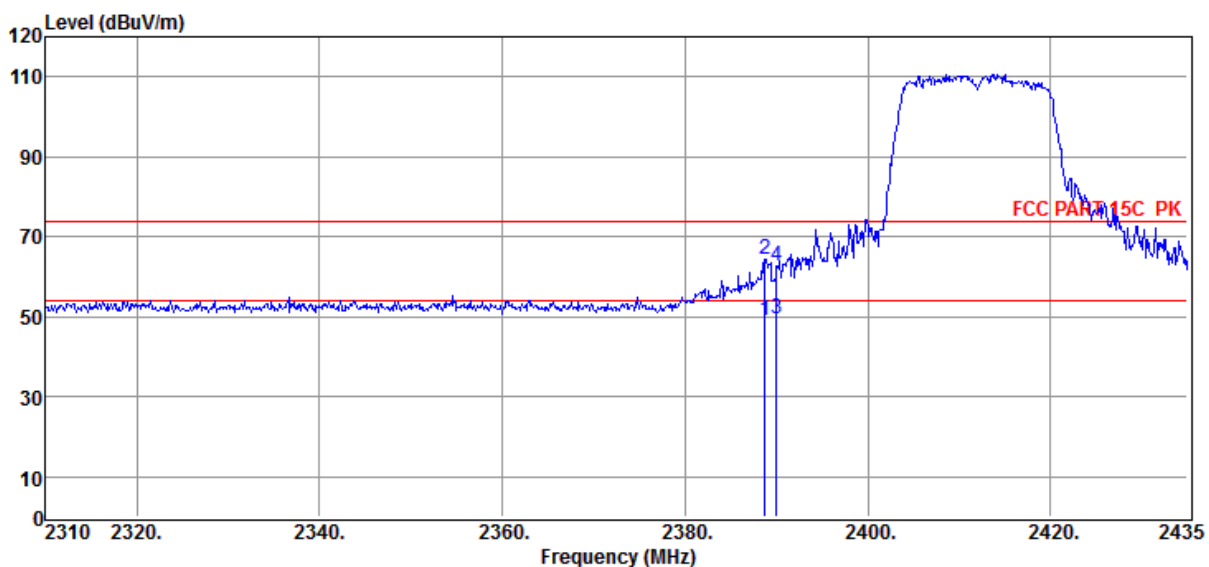
Model Number : RG-RAP72Pro

Power Supply : PoE 54V DC

Test Mode : Tx mode

Memo : 11G 6M ANT2 2412MHz

Data: 173



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2388.75	17.67	28.06	3.18	48.91	54.00	-5.09	Average	HORIZONTAL
2	2388.75	33.10	28.06	3.18	64.34	74.00	-9.66	Peak	HORIZONTAL
3	2390.00	18.06	28.05	3.18	49.29	54.00	-4.71	Average	HORIZONTAL
4	2390.00	31.44	28.05	3.18	62.67	74.00	-11.33	Peak	HORIZONTAL

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

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.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 05-29-2024

Tested By : Sunny

EUT : Wireless Access Point

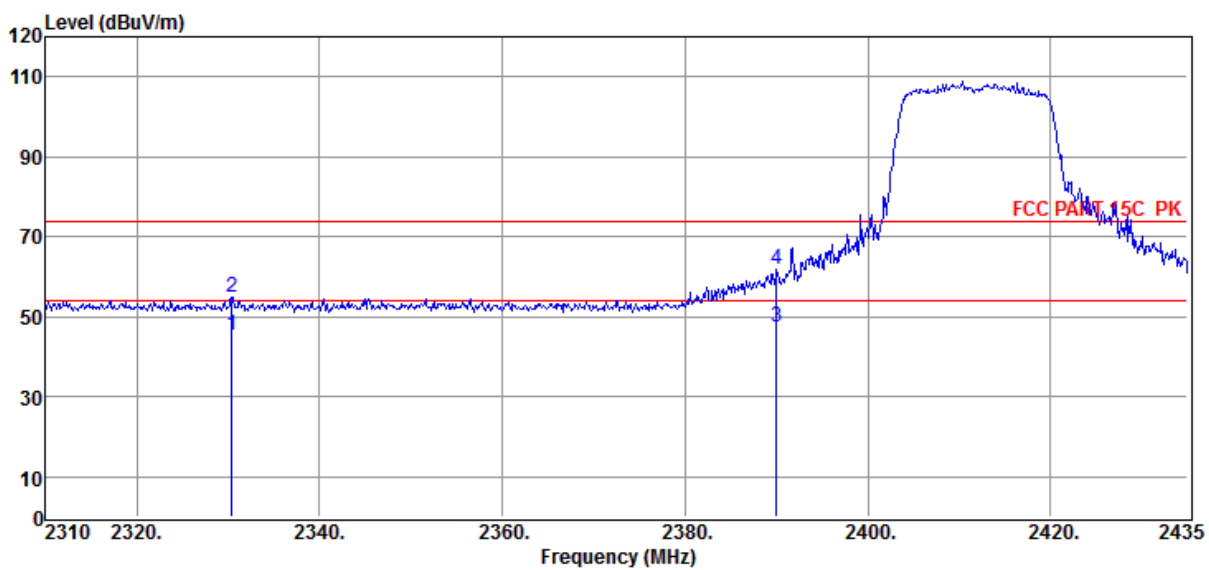
Model Number : RG-RAP72Pro

Power Supply : PoE 54V DC

Test Mode : Tx mode

Memo : 11G 6M ANT2 2412MHz

Data: 174



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2330.38	13.88	28.14	3.14	45.16	54.00	-8.84	Average	VERTICAL
2	2330.38	23.60	28.14	3.14	54.88	74.00	-19.12	Peak	VERTICAL
3	2390.00	16.24	28.05	3.18	47.47	54.00	-6.53	Average	VERTICAL
4	2390.00	30.58	28.05	3.18	61.81	74.00	-12.19	Peak	VERTICAL

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

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.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 05-29-2024

Tested By : Sunny

EUT : Wireless Access Point

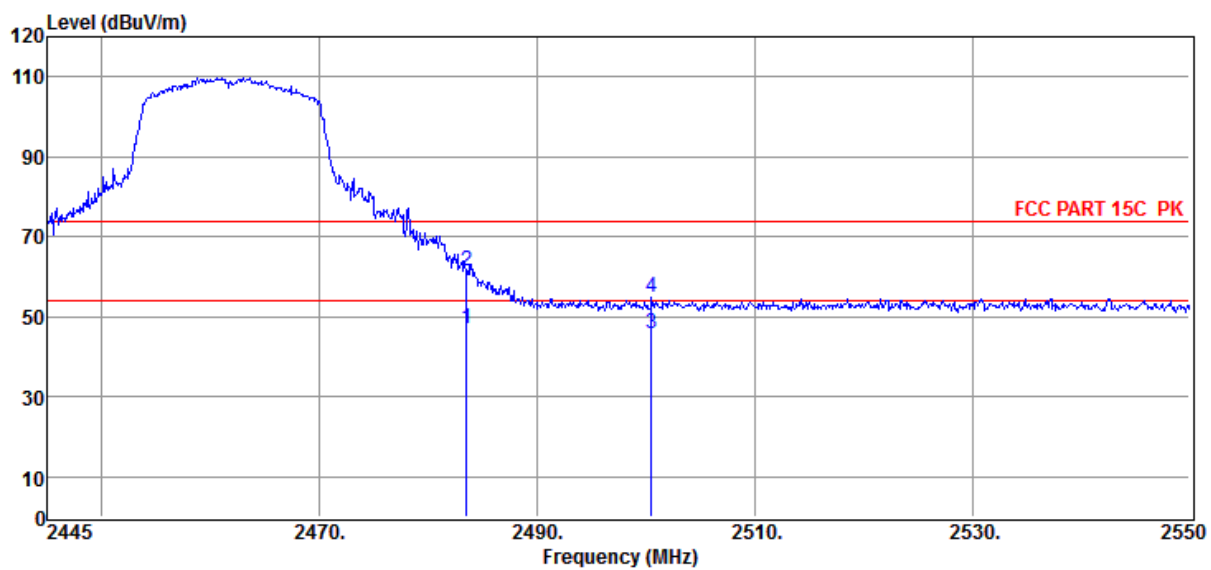
Model Number : RG-RAP72Pro

Power Supply : PoE 54V DC

Test Mode : Tx mode

Memo : 11G 6M ANT2 2462MHz

Data: 175



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2483.50	16.01	27.92	3.23	47.16	54.00	-6.84	Average	VERTICAL
2	2483.50	30.46	27.92	3.23	61.61	74.00	-12.39	Peak	VERTICAL
3	2500.55	14.45	27.90	3.24	45.59	54.00	-8.41	Average	VERTICAL
4	2500.55	23.81	27.90	3.24	54.95	74.00	-19.05	Peak	VERTICAL

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

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.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 05-29-2024

Tested By : Sunny

EUT : Wireless Access Point

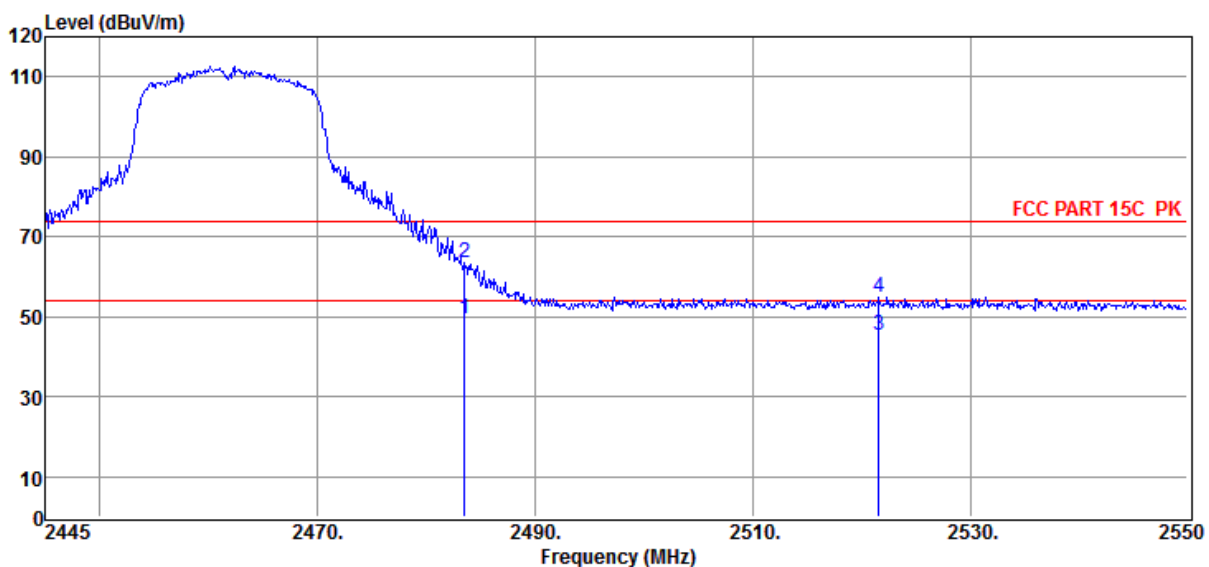
Model Number : RG-RAP72Pro

Power Supply : PoE 54V DC

Test Mode : Tx mode

Memo : 11G 6M ANT2 2462MHz

Data: 176



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2483.50	18.18	27.92	3.23	49.33	54.00	-4.67	Average	HORIZONTAL
2	2483.50	32.49	27.92	3.23	63.64	74.00	-10.36	Peak	HORIZONTAL
3	2521.65	13.98	27.96	3.26	45.20	54.00	-8.80	Average	HORIZONTAL
4	2521.65	23.52	27.96	3.26	54.74	74.00	-19.26	Peak	HORIZONTAL

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

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.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 05-29-2024

Tested By : Sunny

EUT : Wireless Access Point

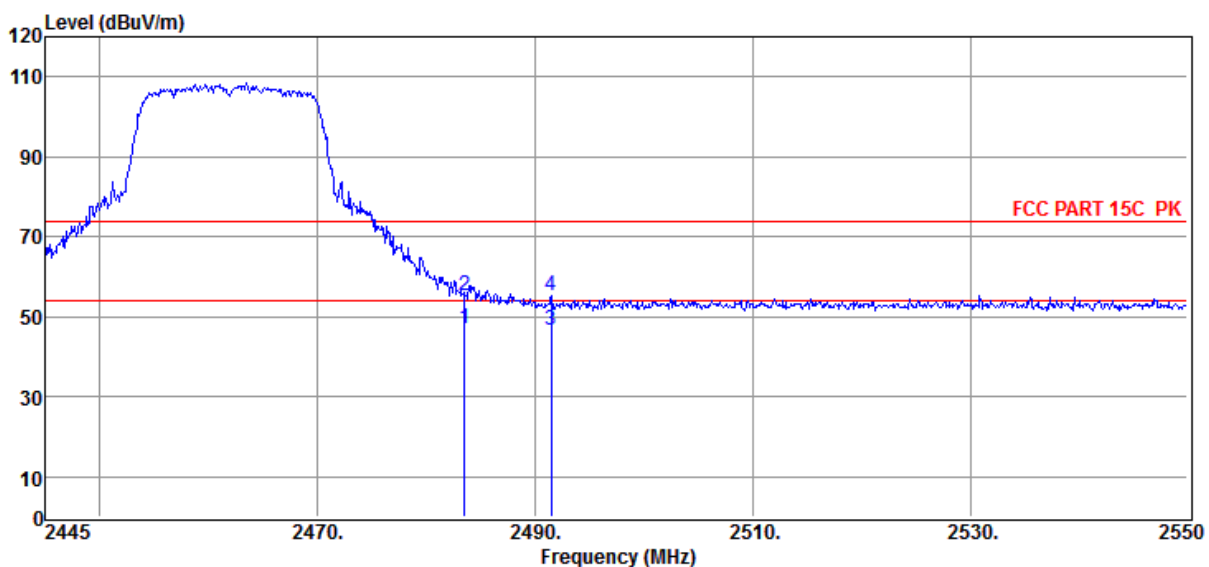
Model Number : RG-RAP72Pro

Power Supply : PoE 54V DC

Test Mode : Tx mode

Memo : 11G 6M ANT1 2462MHz

Data: 177



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2483.50	16.06	27.92	3.23	47.21	54.00	-6.79	Average	VERTICAL
2	2483.50	24.20	27.92	3.23	55.35	74.00	-18.65	Peak	VERTICAL
3	2491.52	15.33	27.91	3.24	46.48	54.00	-7.52	Average	VERTICAL
4	2491.52	23.96	27.91	3.24	55.11	74.00	-18.89	Peak	VERTICAL

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

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.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 05-29-2024

Tested By : Sunny

EUT : Wireless Access Point

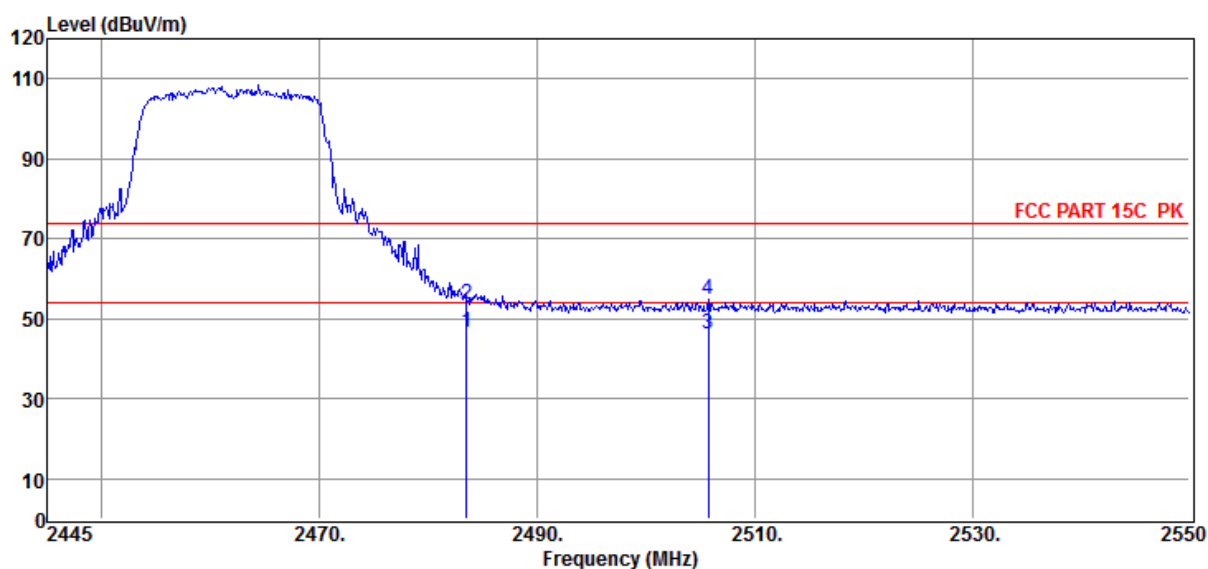
Model Number : RG-RAP72Pro

Power Supply : PoE 54V DC

Test Mode : Tx mode

Memo : 11G 6M ANT1 2462MHz

Data: 178



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2483.50	15.47	27.92	3.23	46.62	54.00	-7.38	Average	HORIZONTAL
2	2483.50	22.29	27.92	3.23	53.44	74.00	-20.56	Peak	HORIZONTAL
3	2505.80	14.84	27.92	3.25	46.01	54.00	-7.99	Average	HORIZONTAL
4	2505.80	23.78	27.92	3.25	54.95	74.00	-19.05	Peak	HORIZONTAL

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

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.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 05-29-2024

Tested By : Sunny

EUT : Wireless Access Point

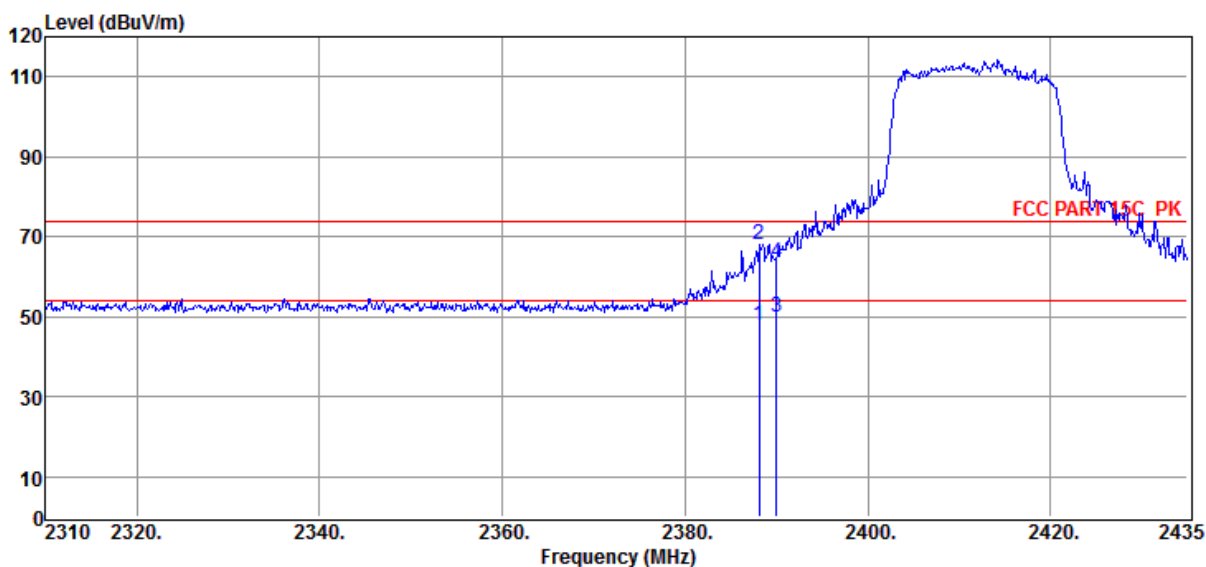
Model Number : RG-RAP72Pro

Power Supply : PoE 54V DC

Test Mode : Tx mode

Memo : 11N20 MCS8 ANT1+ANT2 2412MHz

Data: 179



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2388.13	16.79	28.06	3.18	48.03	54.00	-5.97	Average	HORIZONTAL
2	2388.13	36.77	28.06	3.18	68.01	74.00	-5.99	Peak	HORIZONTAL
3	2390.00	18.83	28.05	3.18	50.06	54.00	-3.94	Average	HORIZONTAL
4	2390.00	32.08	28.05	3.18	63.31	74.00	-10.69	Peak	HORIZONTAL

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

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.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 05-29-2024

Tested By : Sunny

EUT : Wireless Access Point

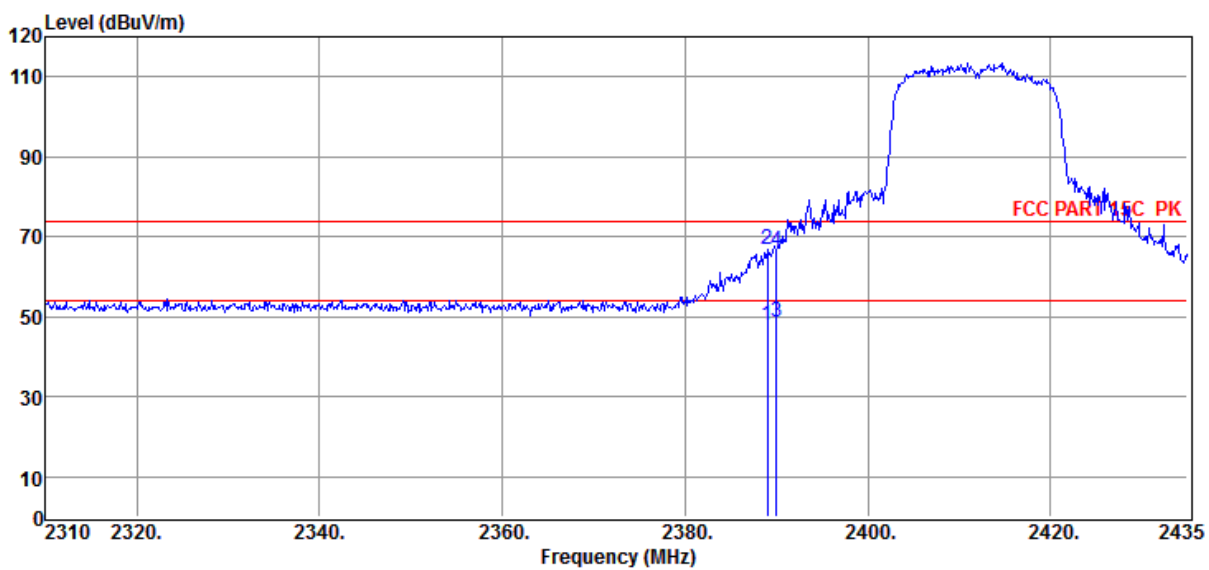
Model Number : RG-RAP72Pro

Power Supply : PoE 54V DC

Test Mode : Tx mode

Memo : 11N20 MCS8 ANT1+ANT2 2412MHz

Data: 180



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2389.00	16.41	28.06	3.18	47.65	54.00	-6.35	Average	VERTICAL
2	2389.00	35.71	28.06	3.18	66.95	74.00	-7.05	Peak	VERTICAL
3	2390.00	17.42	28.05	3.18	48.65	54.00	-5.35	Average	VERTICAL
4	2390.00	35.05	28.05	3.18	66.28	74.00	-7.72	Peak	VERTICAL

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

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.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 05-29-2024

Tested By : Sunny

EUT : Wireless Access Point

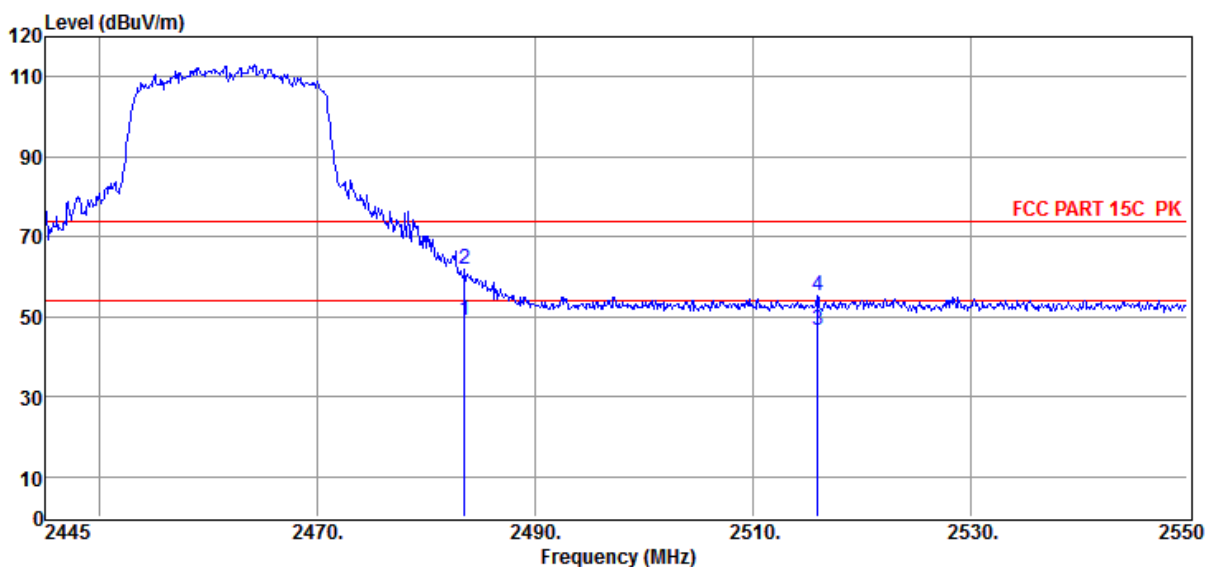
Model Number : RG-RAP72Pro

Power Supply : PoE 54V DC

Test Mode : Tx mode

Memo : 11N20 MCS8 ANT1+ANT2 2462MHz

Data: 181



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2483.50	17.91	27.92	3.23	49.06	54.00	-4.94	Average	HORIZONTAL
2	2483.50	30.54	27.92	3.23	61.69	74.00	-12.31	Peak	HORIZONTAL
3	2515.98	15.45	27.94	3.25	46.64	54.00	-7.36	Average	HORIZONTAL
4	2515.98	23.94	27.94	3.25	55.13	74.00	-18.87	Peak	HORIZONTAL

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

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.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 05-29-2024

Tested By : Sunny

EUT : Wireless Access Point

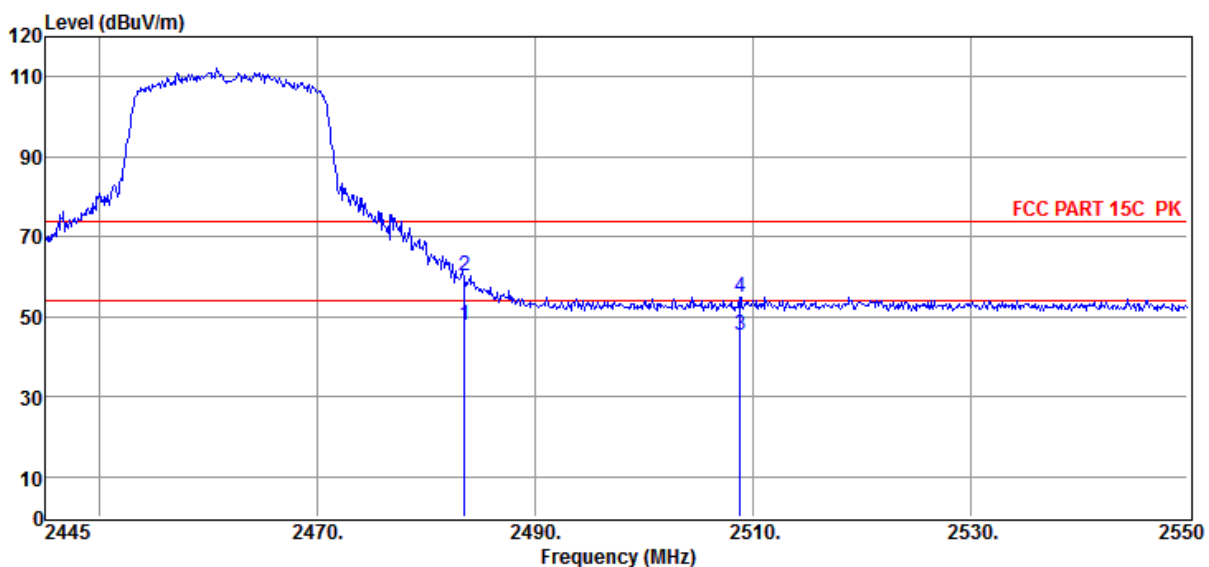
Model Number : RG-RAP72Pro

Power Supply : PoE 54V DC

Test Mode : Tx mode

Memo : 11N20 MCS8 ANT1+ANT2 2462MHz

Data: 182



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2483.50	16.58	27.92	3.23	47.73	54.00	-6.27	Average	VERTICAL
2	2483.50	28.91	27.92	3.23	60.06	74.00	-13.94	Peak	VERTICAL
3	2508.84	14.36	27.92	3.25	45.53	54.00	-8.47	Average	VERTICAL
4	2508.84	23.73	27.92	3.25	54.90	74.00	-19.10	Peak	VERTICAL

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

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.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 05-29-2024

Tested By : Sunny

EUT : Wireless Access Point

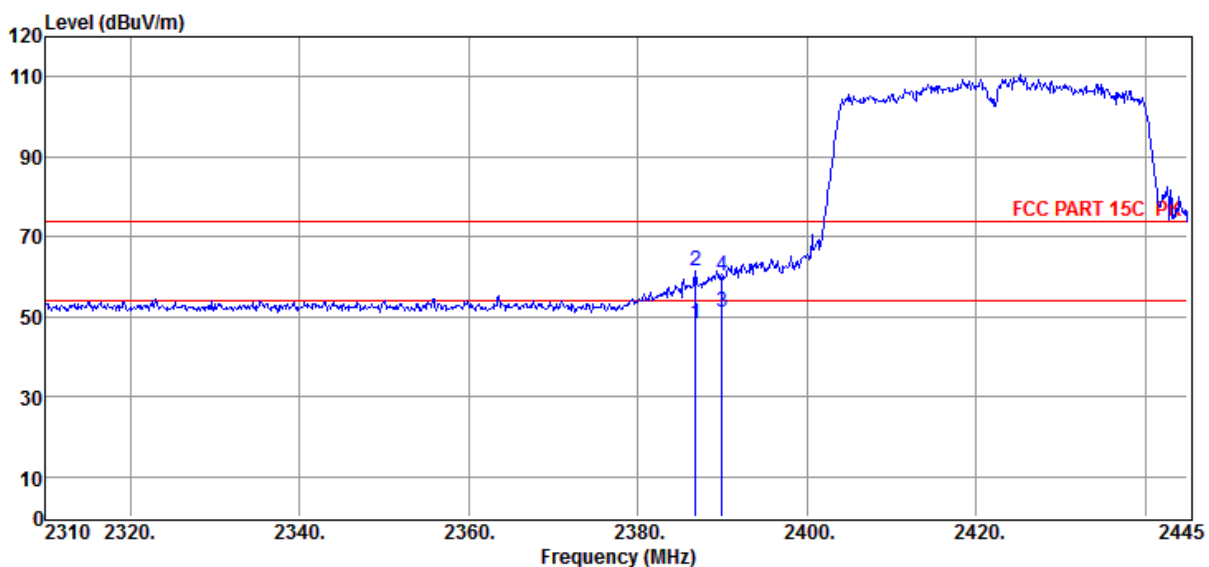
Model Number : RG-RAP72Pro

Power Supply : PoE 54V DC

Test Mode : Tx mode

Memo : 11N40 MCS8 ANT1+ANT2 2422MHz

Data: 183



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2386.82	16.84	28.06	3.18	48.08	54.00	-5.92	Average	HORIZONTAL
2	2386.82	30.11	28.06	3.18	61.35	74.00	-12.65	Peak	HORIZONTAL
3	2390.00	19.79	28.05	3.18	51.02	54.00	-2.98	Average	HORIZONTAL
4	2390.00	29.02	28.05	3.18	60.25	74.00	-13.75	Peak	HORIZONTAL

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

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.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 05-29-2024

Tested By : Sunny

EUT : Wireless Access Point

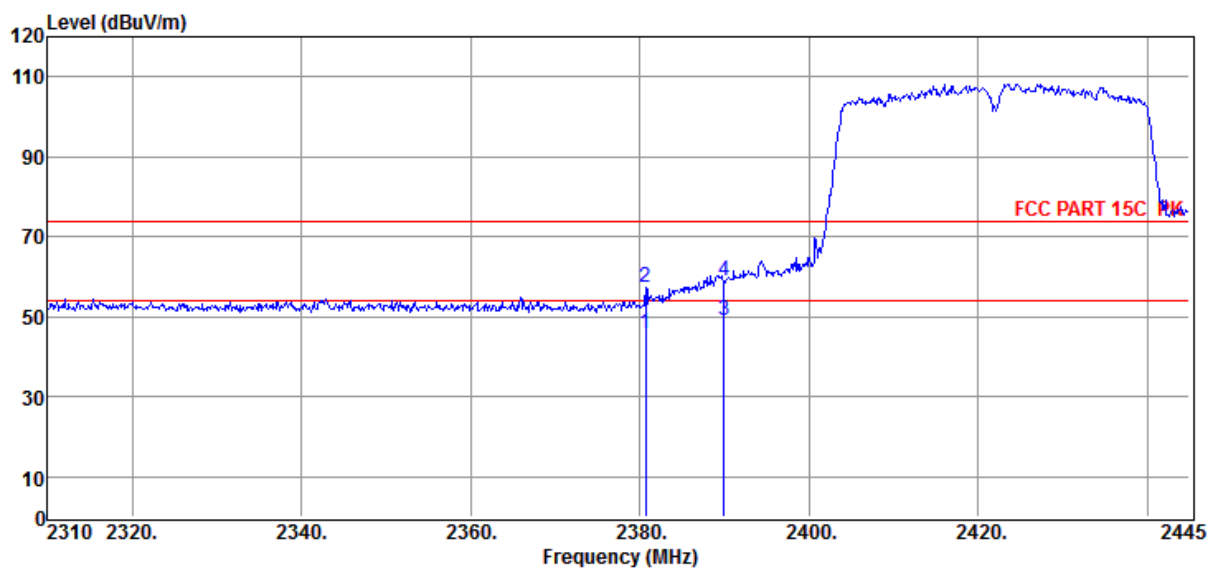
Model Number : RG-RAP72Pro

Power Supply : PoE 54V DC

Test Mode : Tx mode

Memo : 11N40 MCS8 ANT1+ANT2 2422MHz

Data: 184



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2380.74	14.37	28.07	3.18	45.62	54.00	-8.38	Average	VERTICAL
2	2380.74	25.94	28.07	3.18	57.19	74.00	-16.81	Peak	VERTICAL
3	2390.00	17.90	28.05	3.18	49.13	54.00	-4.87	Average	VERTICAL
4	2390.00	27.94	28.05	3.18	59.17	74.00	-14.83	Peak	VERTICAL

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

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.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 05-29-2024

Tested By : Sunny

EUT : Wireless Access Point

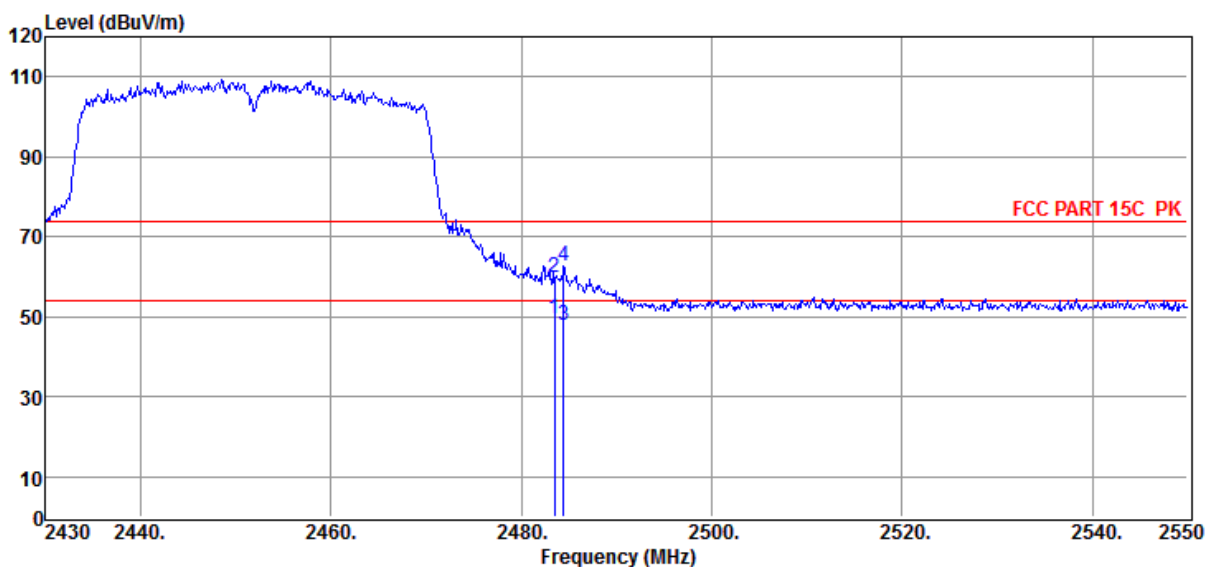
Model Number : RG-RAP72Pro

Power Supply : PoE 54V DC

Test Mode : Tx mode

Memo : 11N40 MCS8 ANT1+ANT2 2452MHz

Data: 185



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2483.50	18.37	27.92	3.23	49.52	54.00	-4.48	Average	HORIZONTAL
2	2483.52	28.79	27.92	3.23	59.94	74.00	-14.06	Peak	HORIZONTAL
3	2484.48	16.79	27.92	3.23	47.94	54.00	-6.06	Average	HORIZONTAL
4	2484.48	31.48	27.92	3.23	62.63	74.00	-11.37	Peak	HORIZONTAL

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

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.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 05-29-2024

Tested By : Sunny

EUT : Wireless Access Point

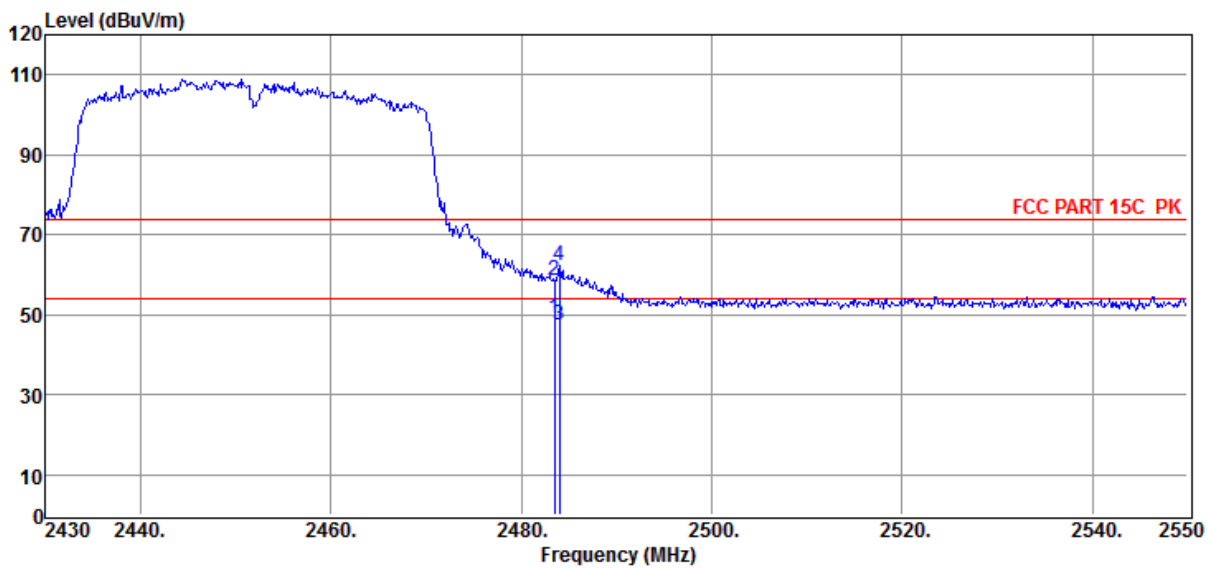
Model Number : RG-RAP72Pro

Power Supply : PoE 54V DC

Test Mode : Tx mode

Memo : 11N40 MCS8 ANT1+ANT2 2452MHz

Data: 186



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2483.50	17.96	27.92	3.23	49.11	54.00	-4.89	Average	VERTICAL
2	2483.50	27.48	27.92	3.23	58.63	74.00	-15.37	Peak	VERTICAL
3	2484.00	16.15	27.92	3.23	47.30	54.00	-6.70	Average	VERTICAL
4	2484.00	31.09	27.92	3.23	62.24	74.00	-11.76	Peak	VERTICAL

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

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.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 06-18-2024

Tested By : Sunny

EUT : Wireless Access Point

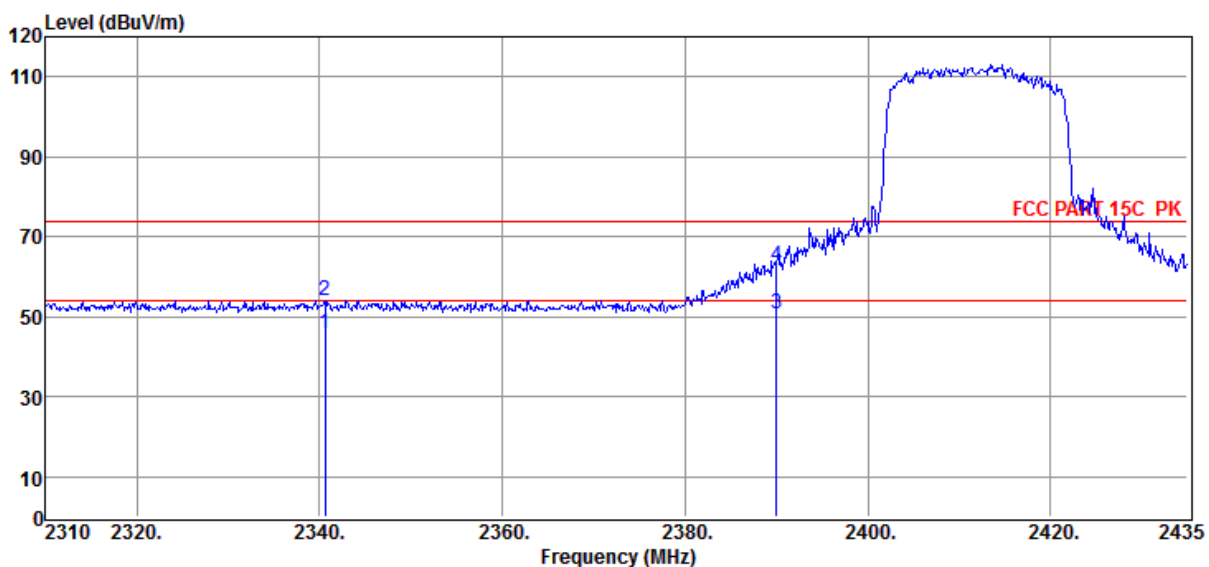
Model Number : RG-RAP72Pro

Power Supply : PoE 54V DC

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 2412MHz

Data: 187



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2340.63	14.67	28.12	3.15	45.94	54.00	-8.06	Average	HORIZONTAL
2	2340.63	22.90	28.12	3.15	54.17	74.00	-19.83	Peak	HORIZONTAL
3	2390.00	19.42	28.05	3.18	50.65	54.00	-3.35	Average	HORIZONTAL
4	2390.00	31.52	28.05	3.18	62.75	74.00	-11.25	Peak	HORIZONTAL

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

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.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 06-18-2024

Tested By : Sunny

EUT : Wireless Access Point

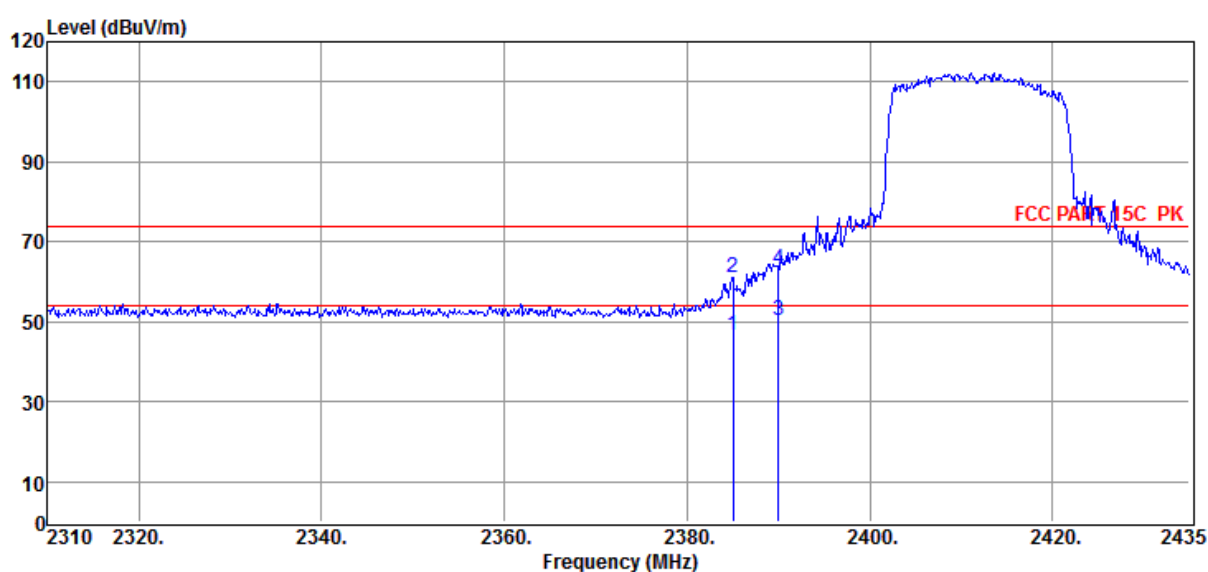
Model Number : RG-RAP72Pro

Power Supply : PoE 54V DC

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 2412MHz

Data: 188



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2385.00	15.16	28.06	3.18	46.40	54.00	-7.60	Average	VERTICAL
2	2385.00	29.77	28.06	3.18	61.01	74.00	-12.99	Peak	VERTICAL
3	2390.00	18.97	28.05	3.18	50.20	54.00	-3.80	Average	VERTICAL
4	2390.00	32.07	28.05	3.18	63.30	74.00	-10.70	Peak	VERTICAL

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

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.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 06-18-2024

Tested By : Sunny

EUT : Wireless Access Point

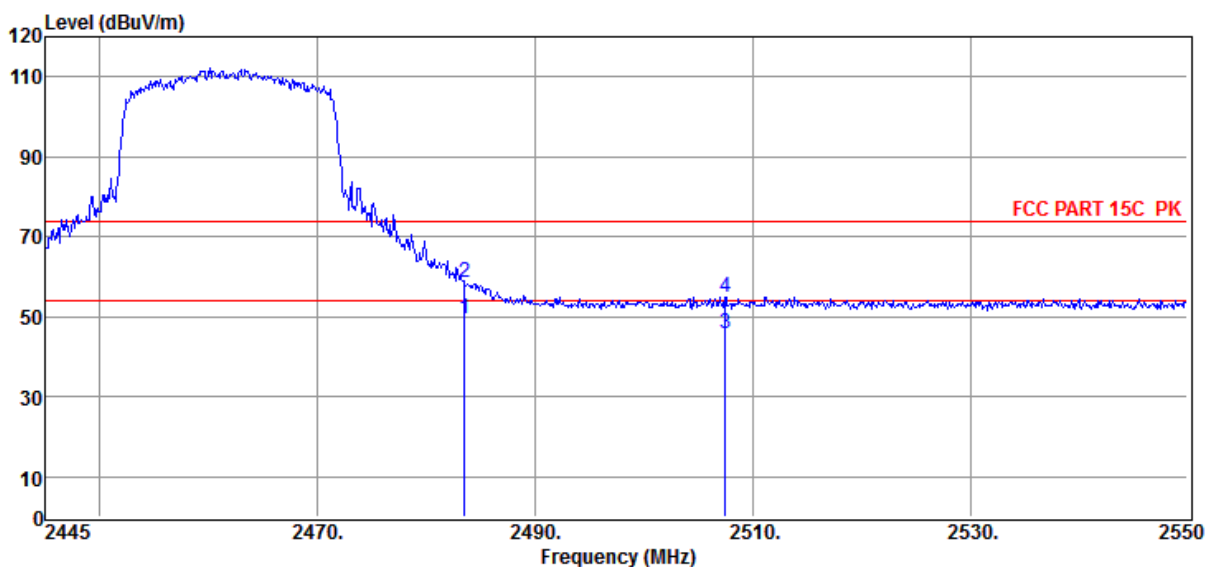
Model Number : RG-RAP72Pro

Power Supply : PoE 54V DC

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 2462MHz

Data: 189



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2483.50	18.49	27.92	3.23	49.64	54.00	-4.36	Average	HORIZONTAL
2	2483.50	27.47	27.92	3.23	58.62	74.00	-15.38	Peak	HORIZONTAL
3	2507.48	14.77	27.92	3.25	45.94	54.00	-8.06	Average	HORIZONTAL
4	2507.48	23.75	27.92	3.25	54.92	74.00	-19.08	Peak	HORIZONTAL

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

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.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 06-18-2024

Tested By : Sunny

EUT : Wireless Access Point

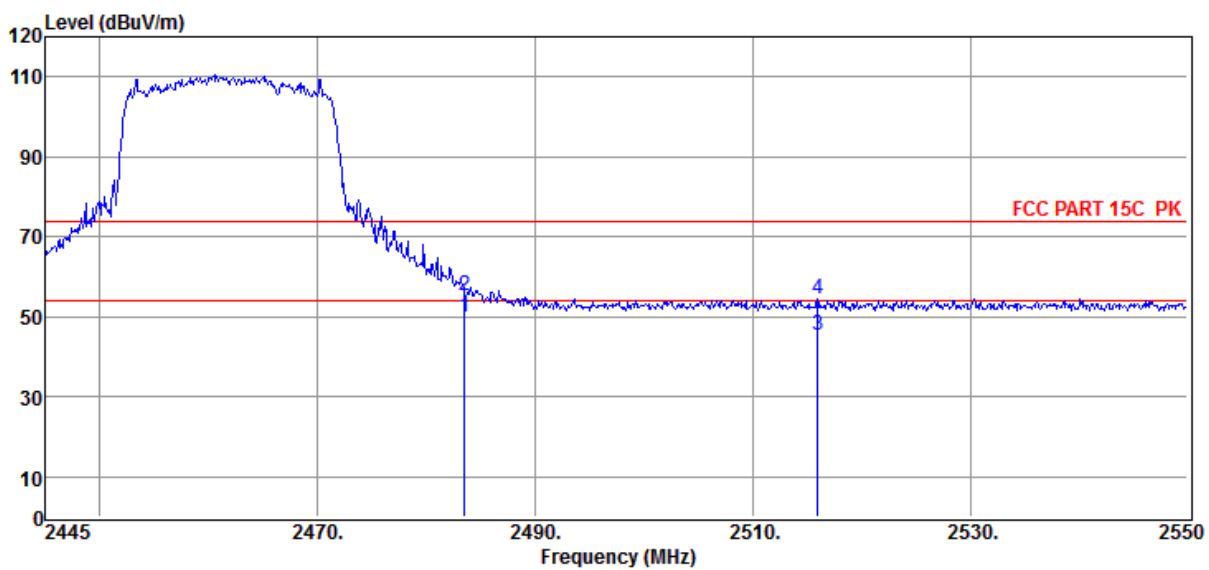
Model Number : RG-RAP72Pro

Power Supply : PoE 54V DC

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 2462MHz

Data: 190



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2483.50	18.74	27.92	3.23	49.89	54.00	-4.11	Average	VERTICAL
2	2483.50	23.96	27.92	3.23	55.11	74.00	-18.89	Peak	VERTICAL
3	2515.98	14.16	27.94	3.25	45.35	54.00	-8.65	Average	VERTICAL
4	2515.98	23.22	27.94	3.25	54.41	74.00	-19.59	Peak	VERTICAL

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

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.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 06-18-2024

Tested By : Sunny

EUT : Wireless Access Point

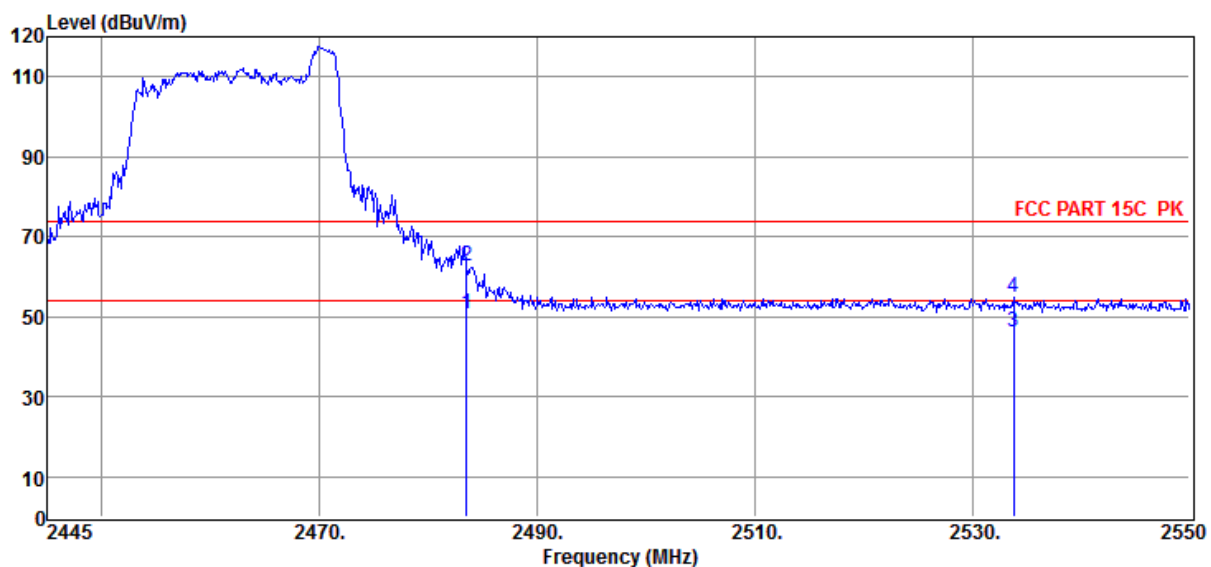
Model Number : RG-RAP72Pro

Power Supply : PoE 54V DC

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 2462MHz 26RU-9

Data: 191



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2483.50	19.55	27.92	3.23	50.70	54.00	-3.30	Average	VERTICAL
2	2483.50	31.56	27.92	3.23	62.71	74.00	-11.29	Peak	VERTICAL
3	2533.83	14.93	27.99	3.27	46.19	54.00	-7.81	Average	VERTICAL
4	2533.83	23.61	27.99	3.27	54.87	74.00	-19.13	Peak	VERTICAL

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

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.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 06-18-2024

Tested By : Sunny

EUT : Wireless Access Point

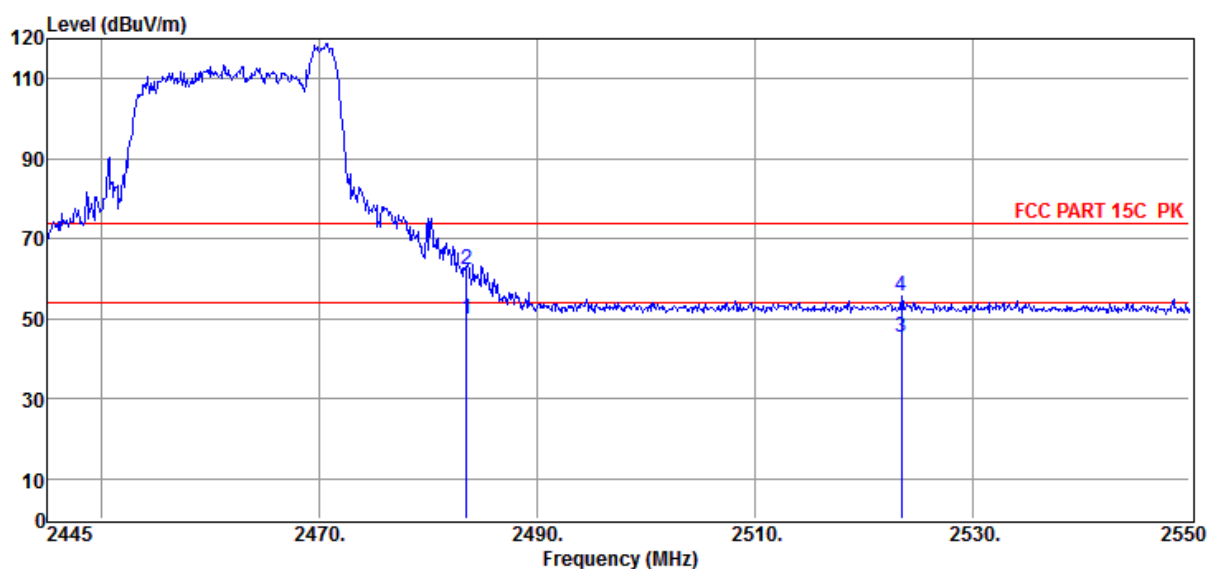
Model Number : RG-RAP72Pro

Power Supply : PoE 54V DC

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 2462MHz 26RU-9

Data: 192



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2483.50	18.62	27.92	3.23	49.77	54.00	-4.23	Average	HORIZONTAL
2	2483.50	31.24	27.92	3.23	62.39	74.00	-11.61	Peak	HORIZONTAL
3	2523.54	14.24	27.96	3.26	45.46	54.00	-8.54	Average	HORIZONTAL
4	2523.54	24.29	27.96	3.26	55.51	74.00	-18.49	Peak	HORIZONTAL

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

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.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 06-18-2024

Tested By : Sunny

EUT : Wireless Access Point

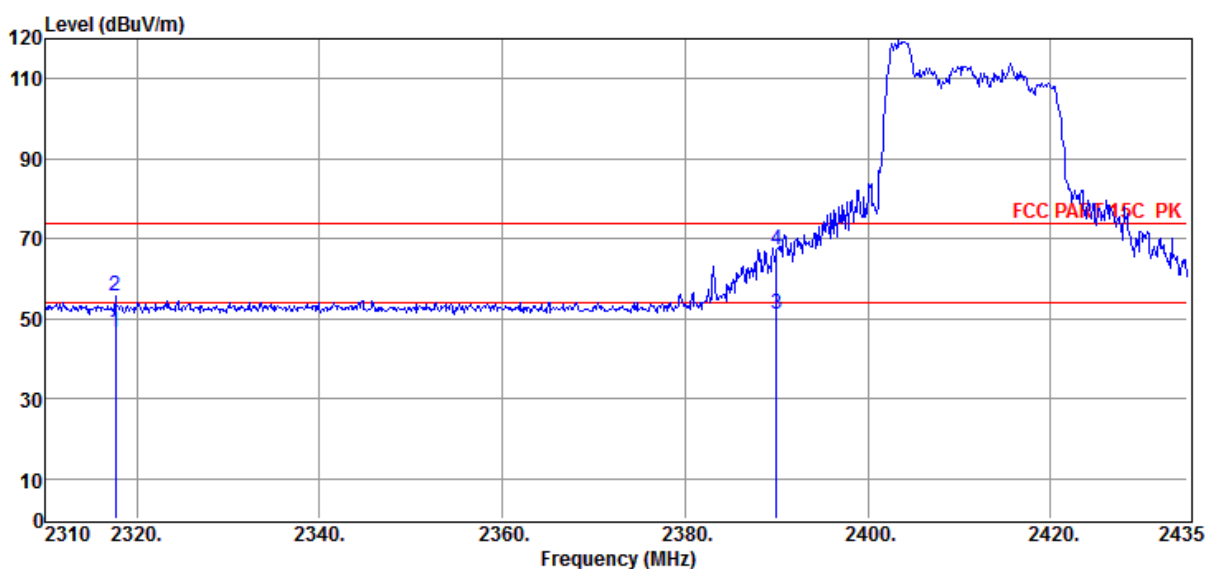
Model Number : RG-RAP72Pro

Power Supply : PoE 54V DC

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 2412MHz 26RU-0

Data: 193



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2317.63	15.19	28.16	3.13	46.48	54.00	-7.52	Average	HORIZONTAL
2	2317.63	24.35	28.16	3.13	55.64	74.00	-18.36	Peak	HORIZONTAL
3	2390.00	19.75	28.05	3.18	50.98	54.00	-3.02	Average	HORIZONTAL
4	2390.00	36.05	28.05	3.18	67.28	74.00	-6.72	Peak	HORIZONTAL

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

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.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 06-18-2024

Tested By : Sunny

EUT : Wireless Access Point

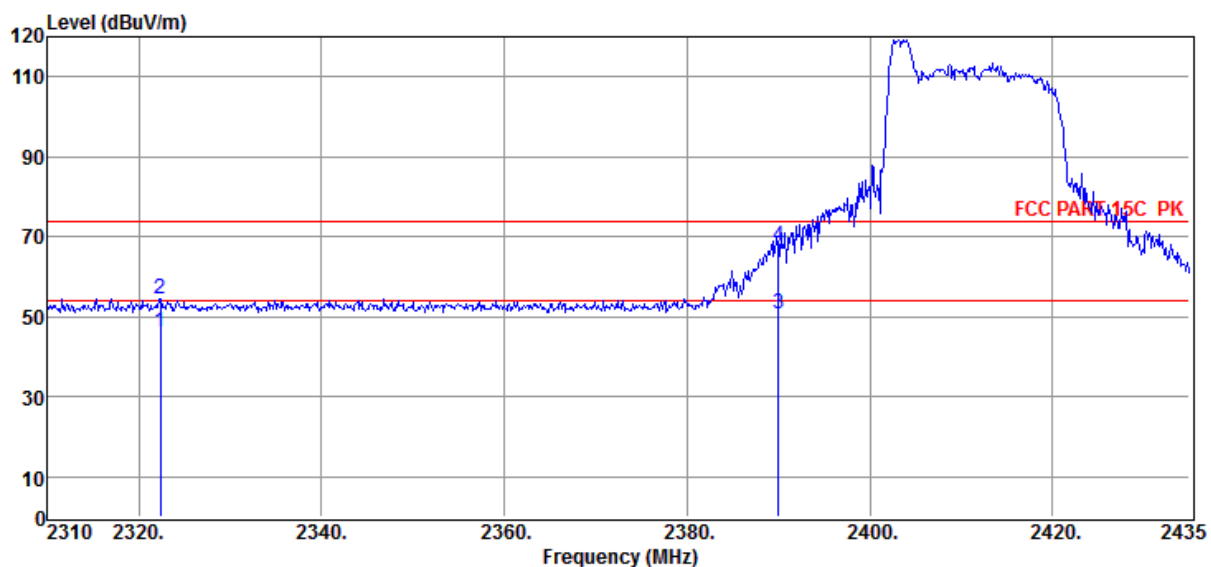
Model Number : RG-RAP72Pro

Power Supply : PoE 54V DC

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 2412MHz 26RU-0

Data: 194



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2322.38	14.85	28.15	3.14	46.14	54.00	-7.86	Average	VERTICAL
2	2322.38	23.10	28.15	3.14	54.39	74.00	-19.61	Peak	VERTICAL
3	2390.00	19.46	28.05	3.18	50.69	54.00	-3.31	Average	VERTICAL
4	2390.00	36.22	28.05	3.18	67.45	74.00	-6.55	Peak	VERTICAL

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

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.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 06-18-2024

Tested By : Sunny

EUT : Wireless Access Point

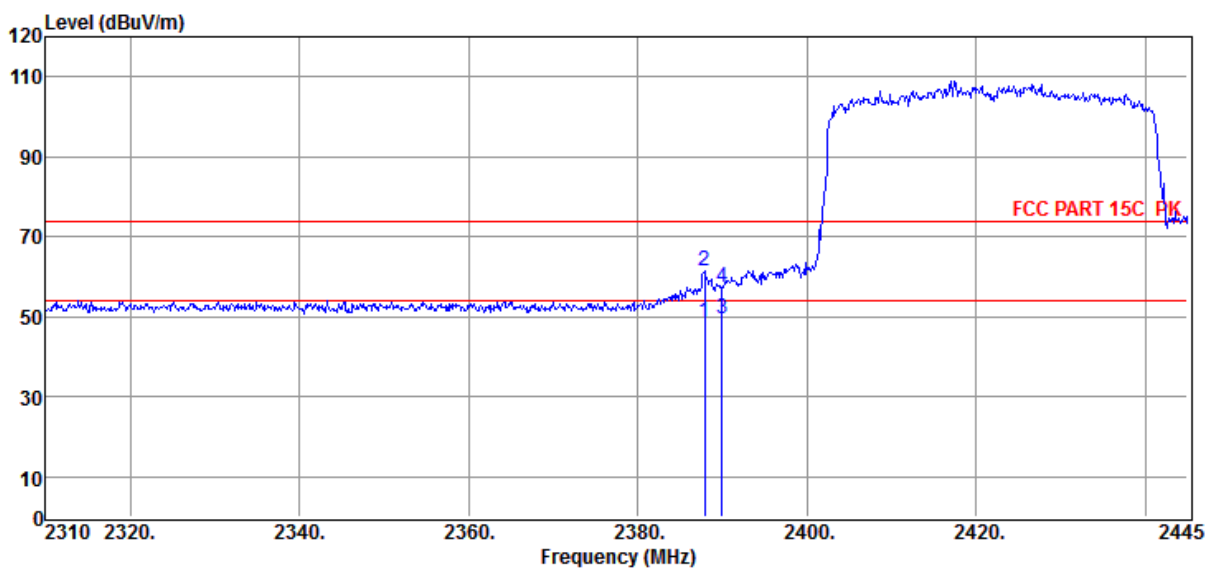
Model Number : RG-RAP72Pro

Power Supply : PoE 54V DC

Test Mode : Tx mode

Memo : 11AX40 MCS0 ANT1+ANT2 2422MHz

Data: 195



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2387.90	17.32	28.06	3.18	48.56	54.00	-5.44	Average	HORIZONTAL
2	2387.90	30.21	28.06	3.18	61.45	74.00	-12.55	Peak	HORIZONTAL
3	2390.00	18.26	28.05	3.18	49.49	54.00	-4.51	Average	HORIZONTAL
4	2390.00	26.10	28.05	3.18	57.33	74.00	-16.67	Peak	HORIZONTAL

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

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.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 06-18-2024

Tested By : Sunny

EUT : Wireless Access Point

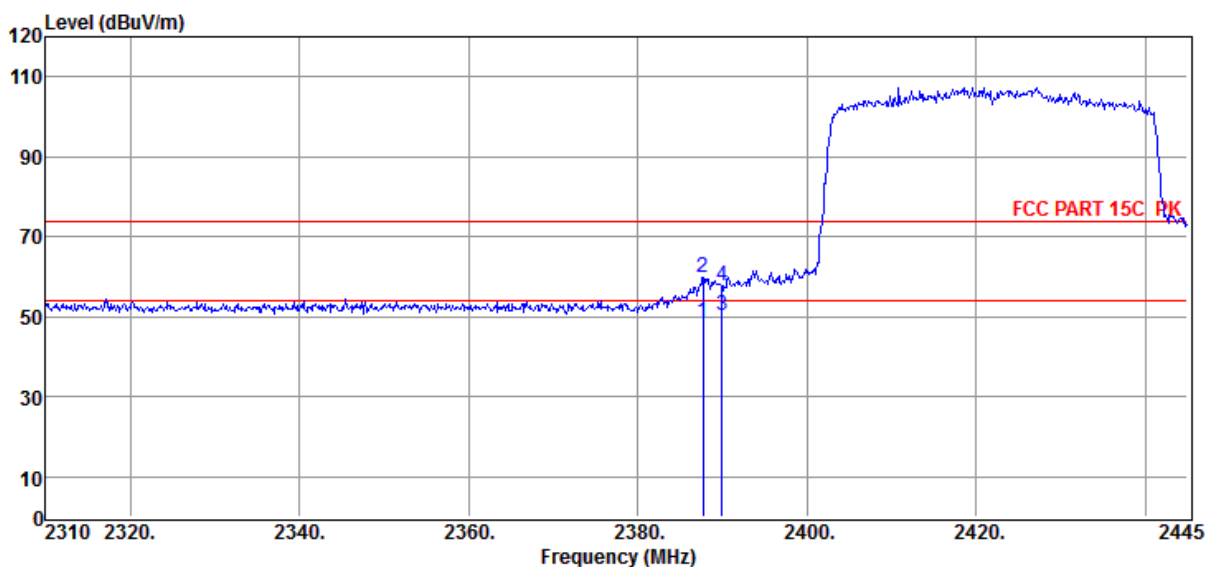
Model Number : RG-RAP72Pro

Power Supply : PoE 54V DC

Test Mode : Tx mode

Memo : 11AX40 MCS0 ANT1+ANT2 2422MHz

Data: 196



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2387.76	17.22	28.06	3.18	48.46	54.00	-5.54	Average	VERTICAL
2	2387.76	28.75	28.06	3.18	59.99	74.00	-14.01	Peak	VERTICAL
3	2390.00	18.91	28.05	3.18	50.14	54.00	-3.86	Average	VERTICAL
4	2390.00	26.51	28.05	3.18	57.74	74.00	-16.26	Peak	VERTICAL

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

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.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 06-18-2024

Tested By : Sunny

EUT : Wireless Access Point

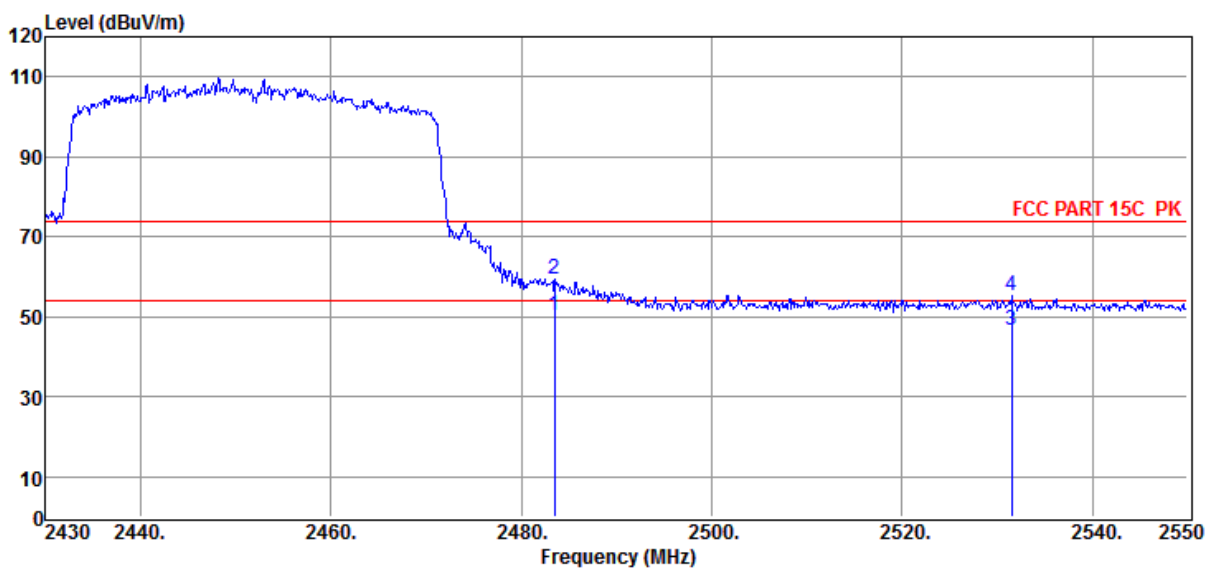
Model Number : RG-RAP72Pro

Power Supply : PoE 54V DC

Test Mode : Tx mode

Memo : 11AX40 MCS0 ANT1+ANT2 2452MHz

Data: 197



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2483.50	19.13	27.92	3.23	50.28	54.00	-3.72	Average	HORIZONTAL
2	2483.50	28.05	27.92	3.23	59.20	74.00	-14.80	Peak	HORIZONTAL
3	2531.52	15.27	27.98	3.27	46.52	54.00	-7.48	Average	HORIZONTAL
4	2531.52	24.05	27.98	3.27	55.30	74.00	-18.70	Peak	HORIZONTAL

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

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.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 06-18-2024

Tested By : Sunny

EUT : Wireless Access Point

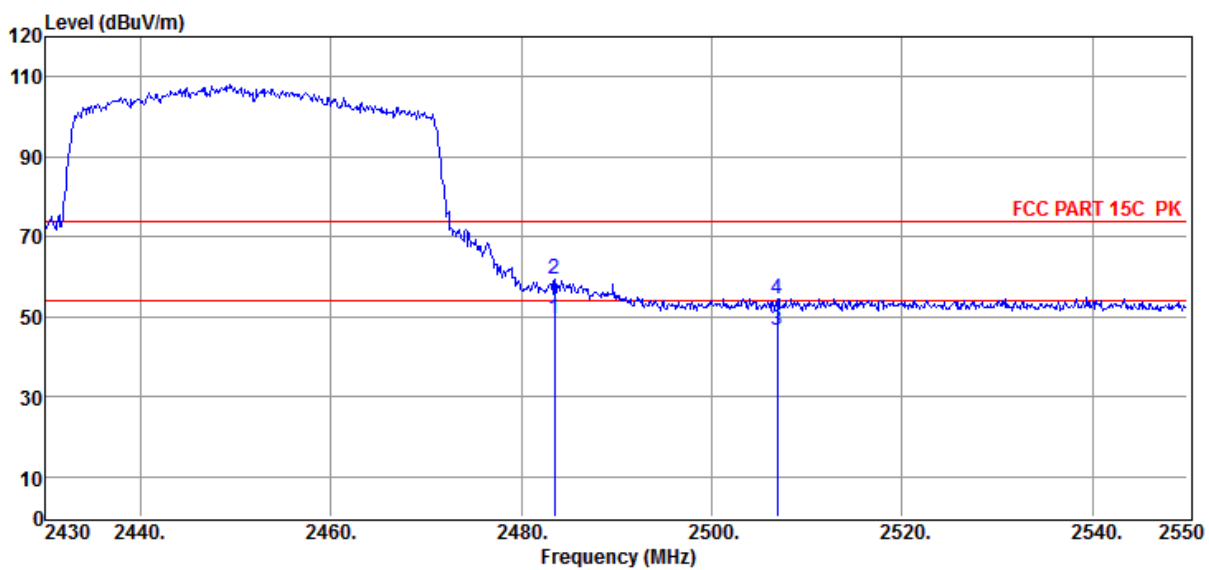
Model Number : RG-RAP72Pro

Power Supply : PoE 54V DC

Test Mode : Tx mode

Memo : 11AX40 MCS0 ANT1+ANT2 2452MHz

Data: 198



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2483.50	18.49	27.92	3.23	49.64	54.00	-4.36	Average	VERTICAL
2	2483.50	28.41	27.92	3.23	59.56	74.00	-14.44	Peak	VERTICAL
3	2506.92	15.43	27.92	3.25	46.60	54.00	-7.40	Average	VERTICAL
4	2506.92	23.46	27.92	3.25	54.63	74.00	-19.37	Peak	VERTICAL

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

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.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 06-07-2024

Tested By : Sunny

EUT : Wireless Access Point

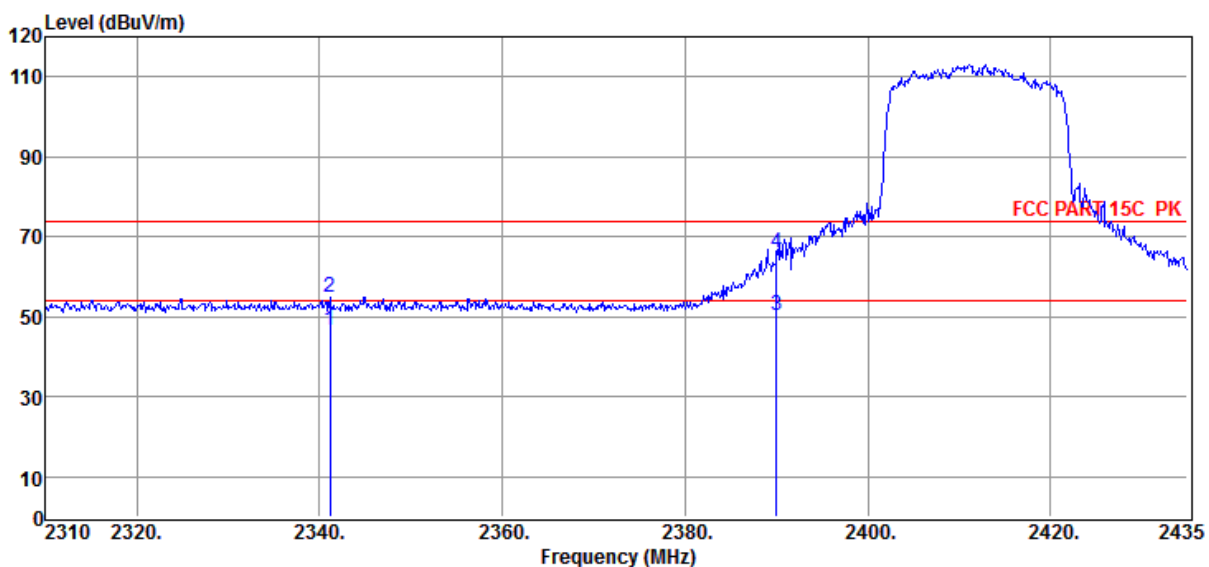
Model Number : RG-RAP72Pro

Power Supply : PoE 54V DC

Test Mode : Tx mode

Memo : 11BE20 MCS0 ANT1+ANT2 2412MHz

Data: 199



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2341.13	15.18	28.12	3.15	46.45	54.00	-7.55	Average	VERTICAL
2	2341.13	23.49	28.12	3.15	54.76	74.00	-19.24	Peak	VERTICAL
3	2390.00	19.06	28.05	3.18	50.29	54.00	-3.71	Average	VERTICAL
4	2390.00	34.83	28.05	3.18	66.06	74.00	-7.94	Peak	VERTICAL

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

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.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 06-07-2024

Tested By : Sunny

EUT : Wireless Access Point

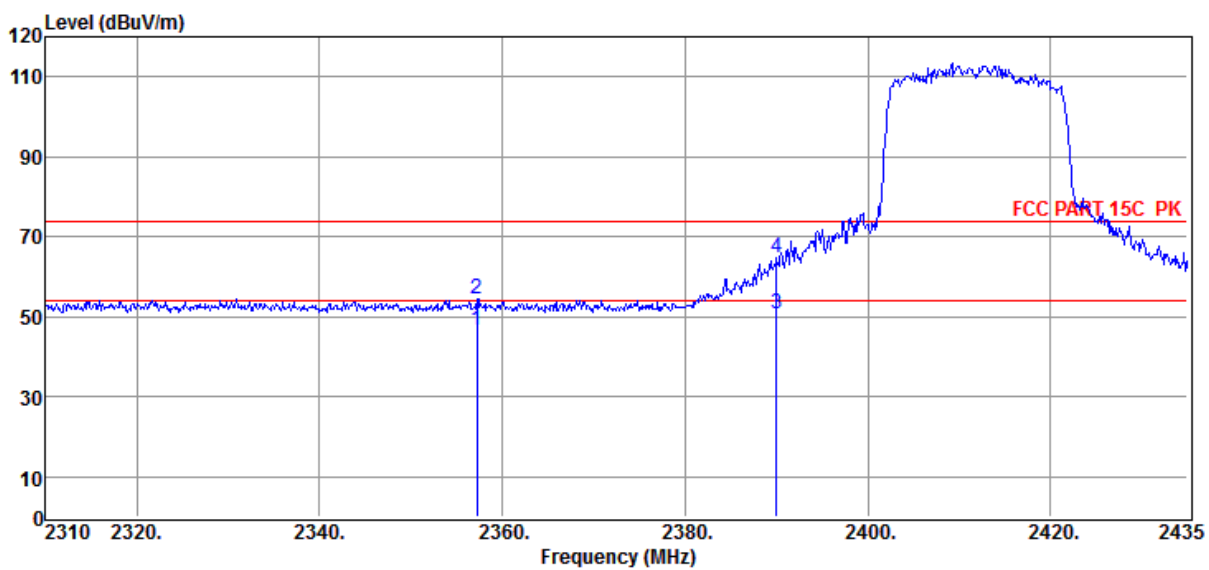
Model Number : RG-RAP72Pro

Power Supply : PoE 54V DC

Test Mode : Tx mode

Memo : 11BE20 MCS0 ANT1+ANT2 2412MHz

Data: 200



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2357.25	15.52	28.10	3.16	46.78	54.00	-7.22	Average	HORIZONTAL
2	2357.25	23.16	28.10	3.16	54.42	74.00	-19.58	Peak	HORIZONTAL
3	2390.00	19.50	28.05	3.18	50.73	54.00	-3.27	Average	HORIZONTAL
4	2390.00	33.63	28.05	3.18	64.86	74.00	-9.14	Peak	HORIZONTAL

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

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.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 06-07-2024

Tested By : Sunny

EUT : Wireless Access Point

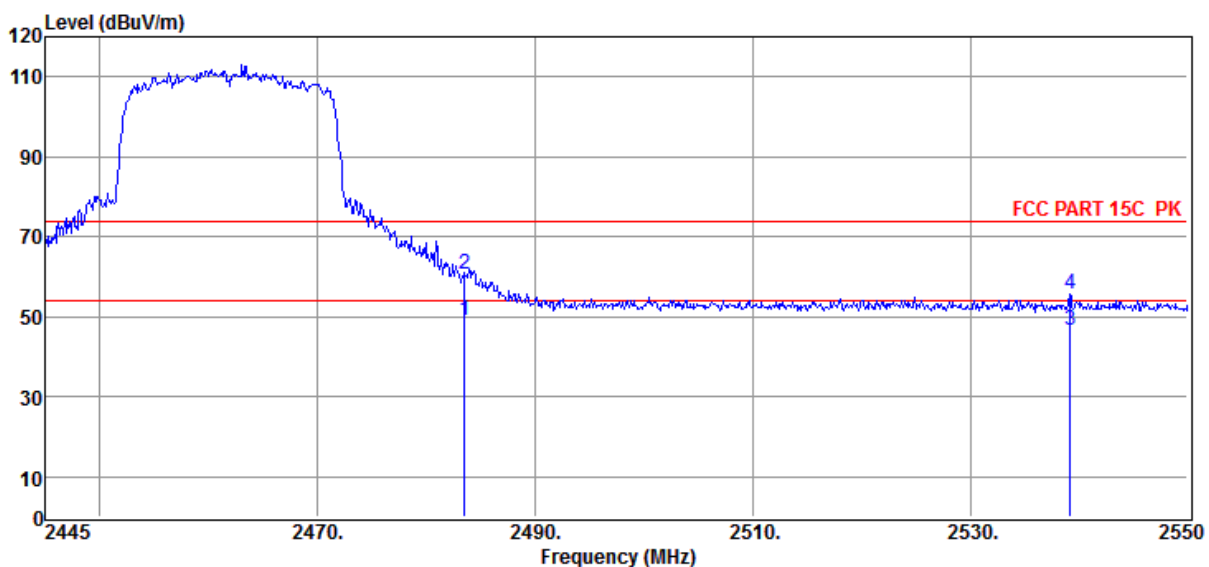
Model Number : RG-RAP72Pro

Power Supply : PoE 54V DC

Test Mode : Tx mode

Memo : 11BE20 MCS0 ANT1+ANT2 2462MHz

Data: 201



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2483.50	17.81	27.92	3.23	48.96	54.00	-5.04	Average	VERTICAL
2	2483.50	29.45	27.92	3.23	60.60	74.00	-13.40	Peak	VERTICAL
3	2539.19	15.35	28.00	3.28	46.63	54.00	-7.37	Average	VERTICAL
4	2539.19	24.59	28.00	3.28	55.87	74.00	-18.13	Peak	VERTICAL

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

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.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 06-07-2024

Tested By : Sunny

EUT : Wireless Access Point

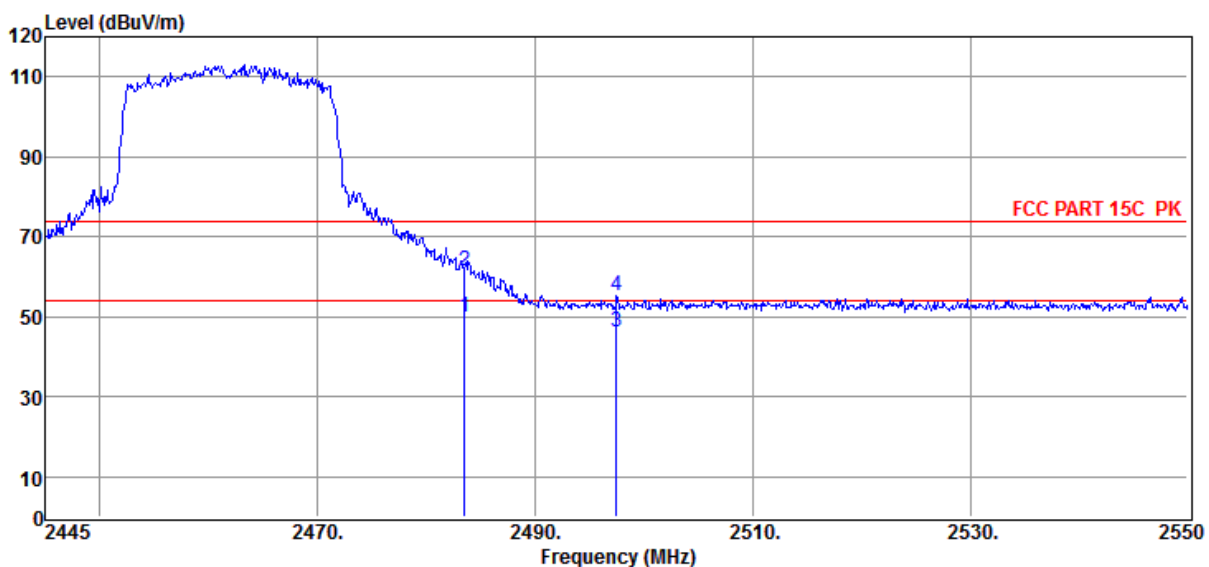
Model Number : RG-RAP72Pro

Power Supply : PoE 54V DC

Test Mode : Tx mode

Memo : 11BE20 MCS0 ANT1+ANT2 2462MHz

Data: 202



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2483.50	18.75	27.92	3.23	49.90	54.00	-4.10	Average	HORIZONTAL
2	2483.50	30.21	27.92	3.23	61.36	74.00	-12.64	Peak	HORIZONTAL
3	2497.50	14.99	27.90	3.24	46.13	54.00	-7.87	Average	HORIZONTAL
4	2497.50	24.12	27.90	3.24	55.26	74.00	-18.74	Peak	HORIZONTAL

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

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.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 06-07-2024

Tested By : Sunny

EUT : Wireless Access Point

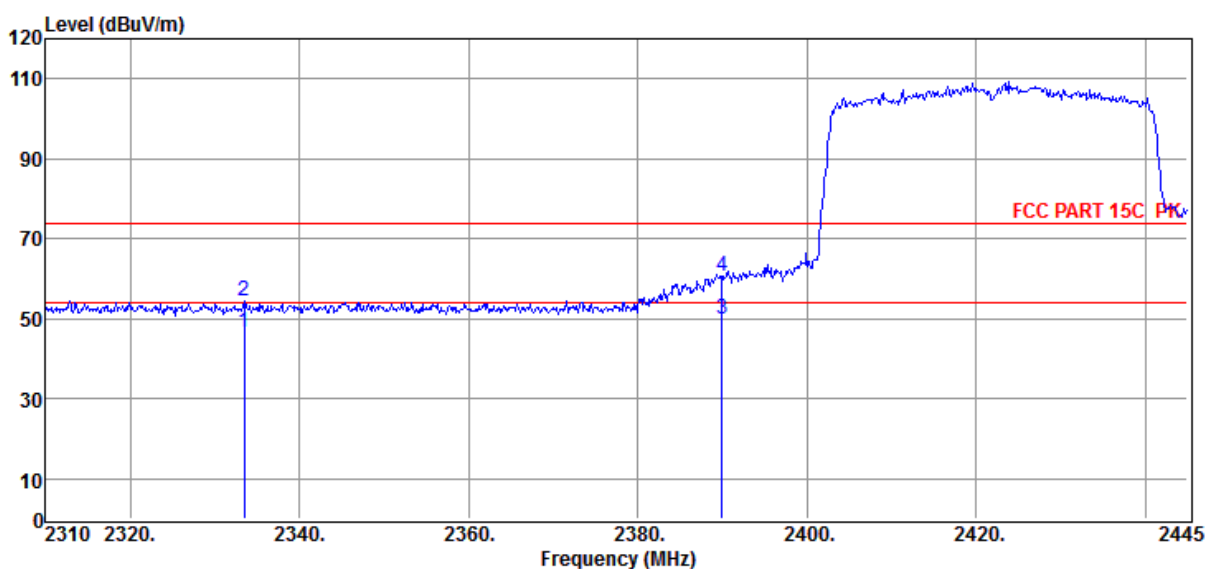
Model Number : RG-RAP72Pro

Power Supply : PoE 54V DC

Test Mode : Tx mode

Memo : 11BE40 MCS0 ANT1+ANT2 2422MHz

Data: 203



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2333.49	15.19	28.13	3.14	46.46	54.00	-7.54	Average	VERTICAL
2	2333.49	23.24	28.13	3.14	54.51	74.00	-19.49	Peak	VERTICAL
3	2390.00	18.73	28.05	3.18	49.96	54.00	-4.04	Average	VERTICAL
4	2390.00	29.22	28.05	3.18	60.45	74.00	-13.55	Peak	VERTICAL

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

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.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 06-07-2024

Tested By : Sunny

EUT : Wireless Access Point

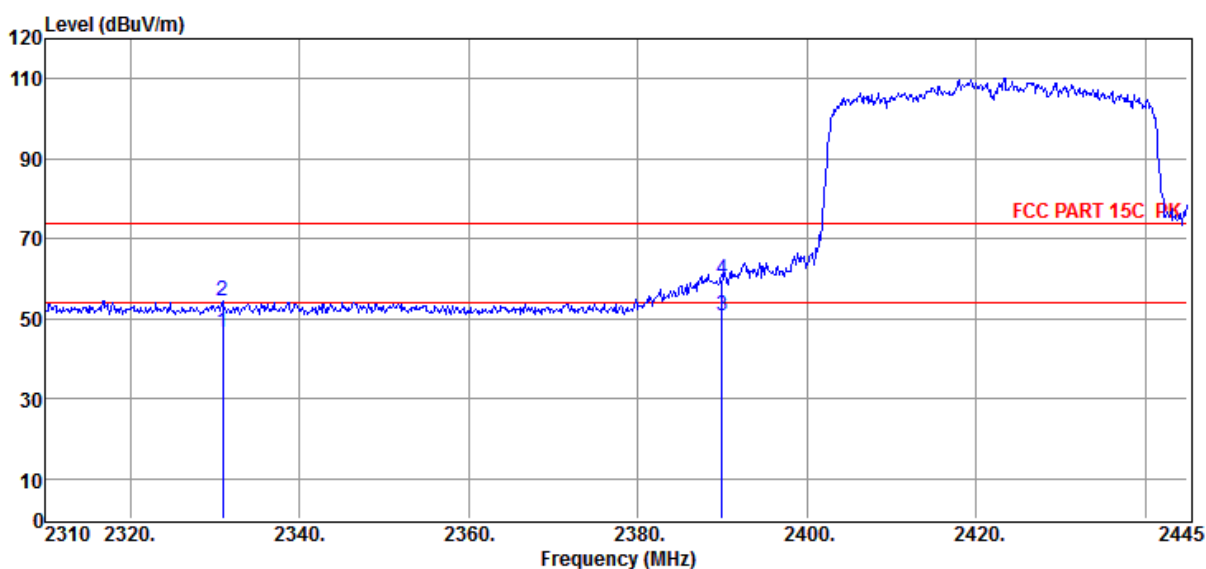
Model Number : RG-RAP72Pro

Power Supply : PoE 54V DC

Test Mode : Tx mode

Memo : 11BE40 MCS0 ANT1+ANT2 2422MHz

Data: 204



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2330.93	15.23	28.14	3.14	46.51	54.00	-7.49	Average	HORIZONTAL
2	2330.93	23.26	28.14	3.14	54.54	74.00	-19.46	Peak	HORIZONTAL
3	2390.00	19.48	28.05	3.18	50.71	54.00	-3.29	Average	HORIZONTAL
4	2390.00	28.67	28.05	3.18	59.90	74.00	-14.10	Peak	HORIZONTAL

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

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.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 06-07-2024

Tested By : Sunny

EUT : Wireless Access Point

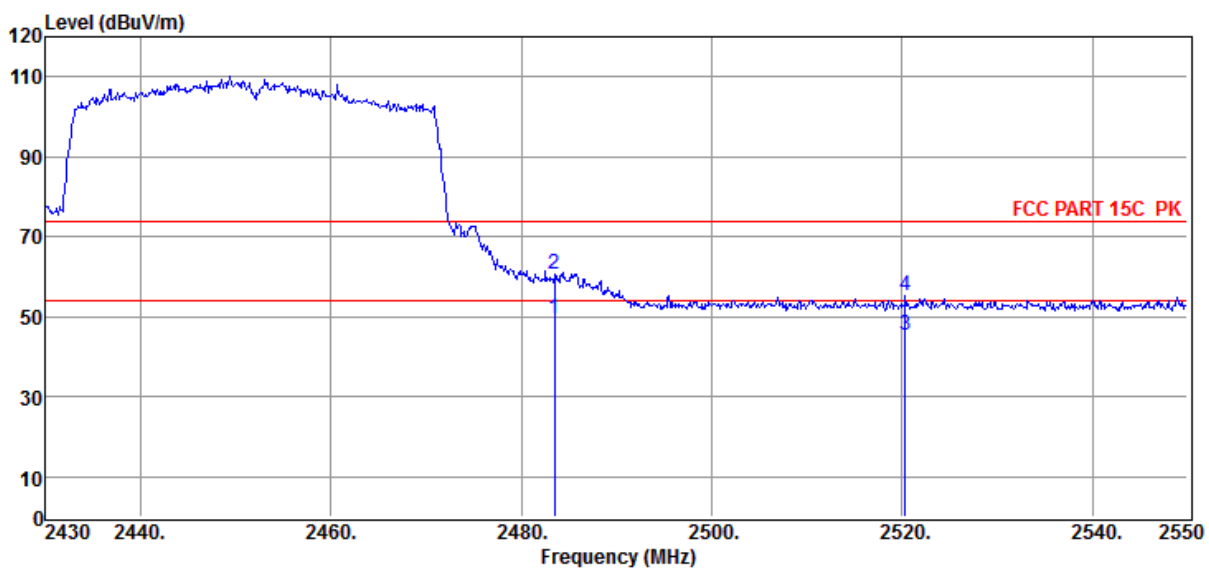
Model Number : RG-RAP72Pro

Power Supply : PoE 54V DC

Test Mode : Tx mode

Memo : 11BE40 MCS0 ANT1+ANT2 2452MHz

Data: 205



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2483.50	18.25	27.92	3.23	49.40	54.00	-4.60	Average	VERTICAL
2	2483.50	29.27	27.92	3.23	60.42	74.00	-13.58	Peak	VERTICAL
3	2520.36	14.22	27.95	3.26	45.43	54.00	-8.57	Average	VERTICAL
4	2520.36	23.95	27.95	3.26	55.16	74.00	-18.84	Peak	VERTICAL

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

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.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 06-07-2024

Tested By : Sunny

EUT : Wireless Access Point

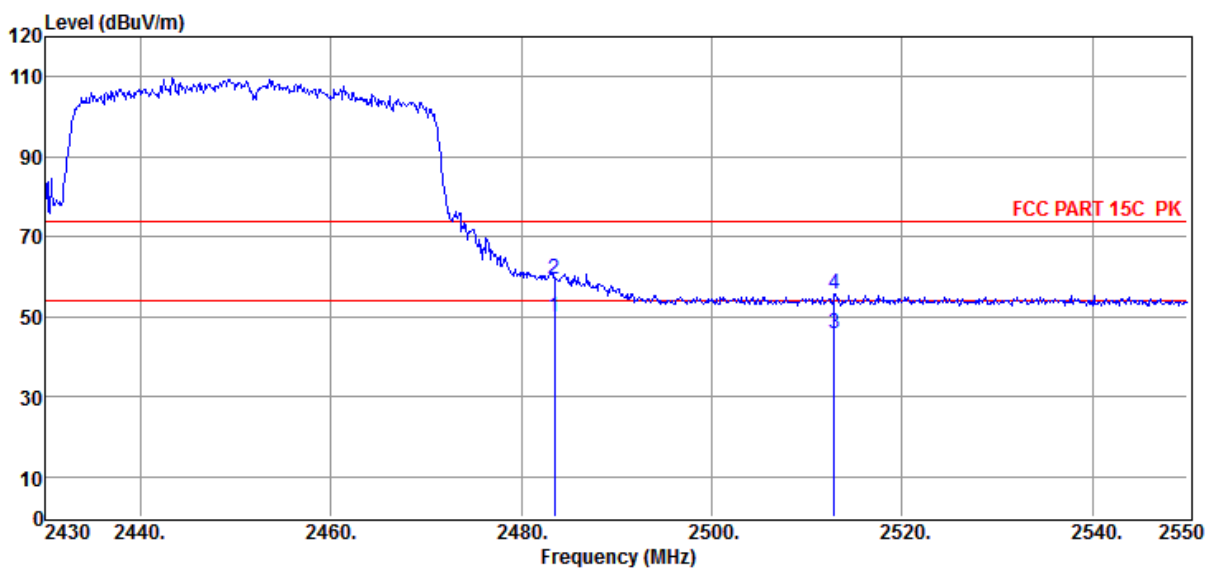
Model Number : RG-RAP72Pro

Power Supply : PoE 54V DC

Test Mode : Tx mode

Memo : 11BE40 MCS0 ANT1+ANT2 2452MHz

Data: 206



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2483.50	18.88	27.92	3.23	50.03	54.00	-3.97	Average	HORIZONTAL
2	2483.50	28.40	27.92	3.23	59.55	74.00	-14.45	Peak	HORIZONTAL
3	2512.92	14.45	27.93	3.25	45.63	54.00	-8.37	Average	HORIZONTAL
4	2512.92	24.64	27.93	3.25	55.82	74.00	-18.18	Peak	HORIZONTAL

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

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.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 06-05-2024

Tested By : Sunny

EUT : Wireless Access Point

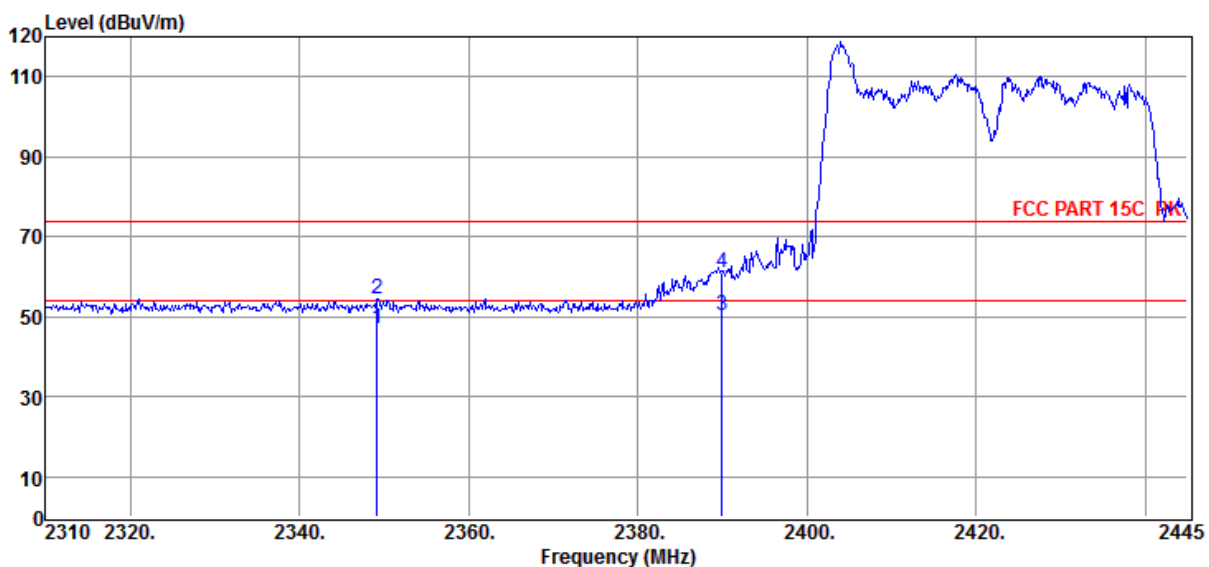
Model Number : RG-RAP72Pro

Power Supply : PoE 54V DC

Test Mode : Tx mode

Memo : 11AX40 MCS0 ANT1+2 2422MHz 26RU index0

Data: 207



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2349.15	15.82	28.11	3.15	47.08	54.00	-6.92	Average	HORIZONTAL
2	2349.15	23.35	28.11	3.15	54.61	74.00	-19.39	Peak	HORIZONTAL
3	2390.00	19.16	28.05	3.18	50.39	54.00	-3.61	Average	HORIZONTAL
4	2390.00	29.74	28.05	3.18	60.97	74.00	-13.03	Peak	HORIZONTAL

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

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.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 06-05-2024

Tested By : Sunny

EUT : Wireless Access Point

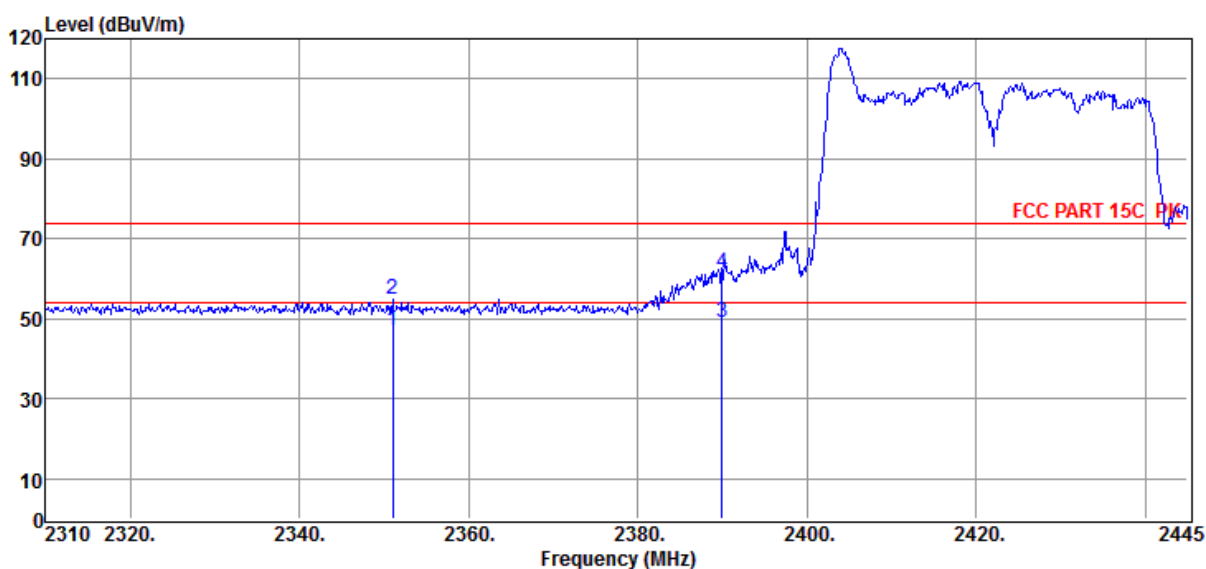
Model Number : RG-RAP72Pro

Power Supply : PoE 54V DC

Test Mode : Tx mode

Memo : 11AX40 MCS0 ANT1+2 2422MHz 26RU index0

Data: 208



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2351.04	15.72	28.11	3.16	46.99	54.00	-7.01	Average	VERTICAL
2	2351.04	23.55	28.11	3.16	54.82	74.00	-19.18	Peak	VERTICAL
3	2390.00	17.94	28.05	3.18	49.17	54.00	-4.83	Average	VERTICAL
4	2390.00	30.28	28.05	3.18	61.51	74.00	-12.49	Peak	VERTICAL

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

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.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 06-05-2024

Tested By : Sunny

EUT : Wireless Access Point

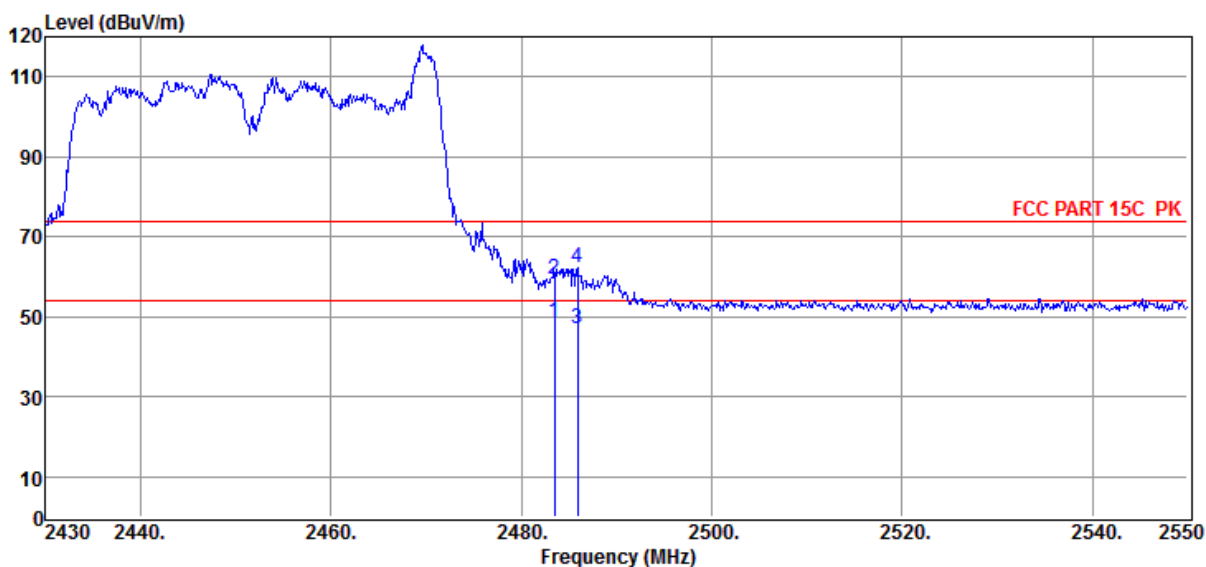
Model Number : RG-RAP72Pro

Power Supply : PoE 54V DC

Test Mode : Tx mode

Memo : 11AX40 MCS0 ANT1+2 2452MHz 26RU index17

Data: 209



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2483.50	17.60	27.92	3.23	48.75	54.00	-5.25	Average	HORIZONTAL
2	2483.50	28.41	27.92	3.23	59.56	74.00	-14.44	Peak	HORIZONTAL
3	2485.92	15.90	27.92	3.23	47.05	54.00	-6.95	Average	HORIZONTAL
4	2485.92	31.09	27.92	3.23	62.24	74.00	-11.76	Peak	HORIZONTAL

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

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.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 06-05-2024

Tested By : Sunny

EUT : Wireless Access Point

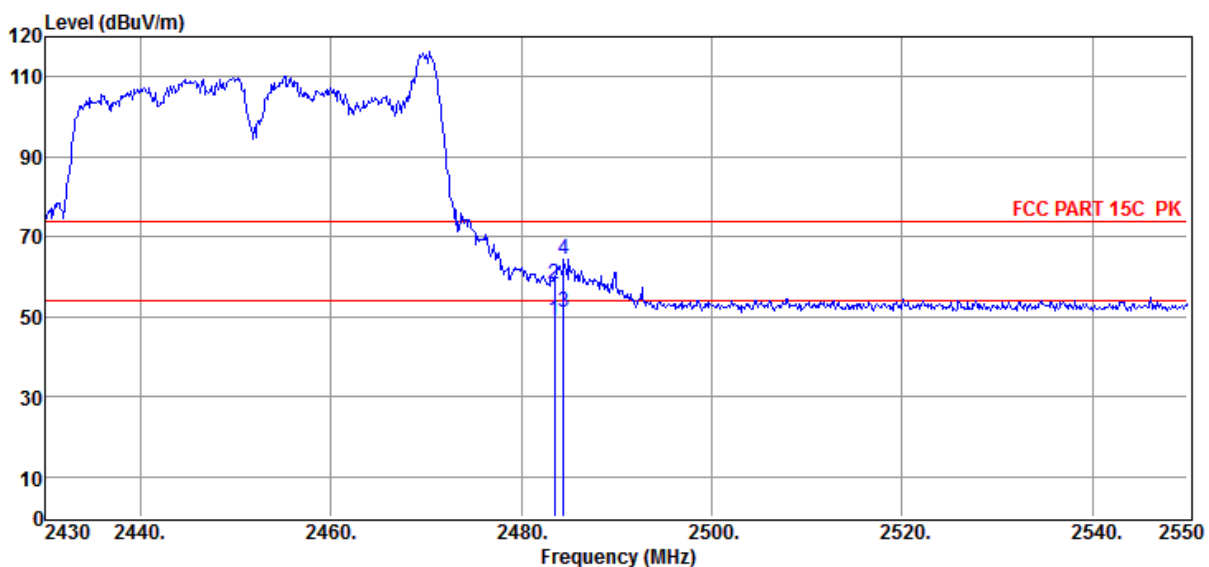
Model Number : RG-RAP72Pro

Power Supply : PoE 54V DC

Test Mode : Tx mode

Memo : 11AX40 MCS0 ANT1+2 2452MHz 26RU index17

Data: 210



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2483.50	18.08	27.92	3.23	49.23	54.00	-4.77	Average	VERTICAL
2	2483.50	26.82	27.92	3.23	57.97	74.00	-16.03	Peak	VERTICAL
3	2484.48	19.94	27.92	3.23	51.09	54.00	-2.91	Average	VERTICAL
4	2484.48	33.19	27.92	3.23	64.34	74.00	-9.66	Peak	VERTICAL

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

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.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 06-05-2024

Tested By : Sunny

EUT : Wireless Access Point

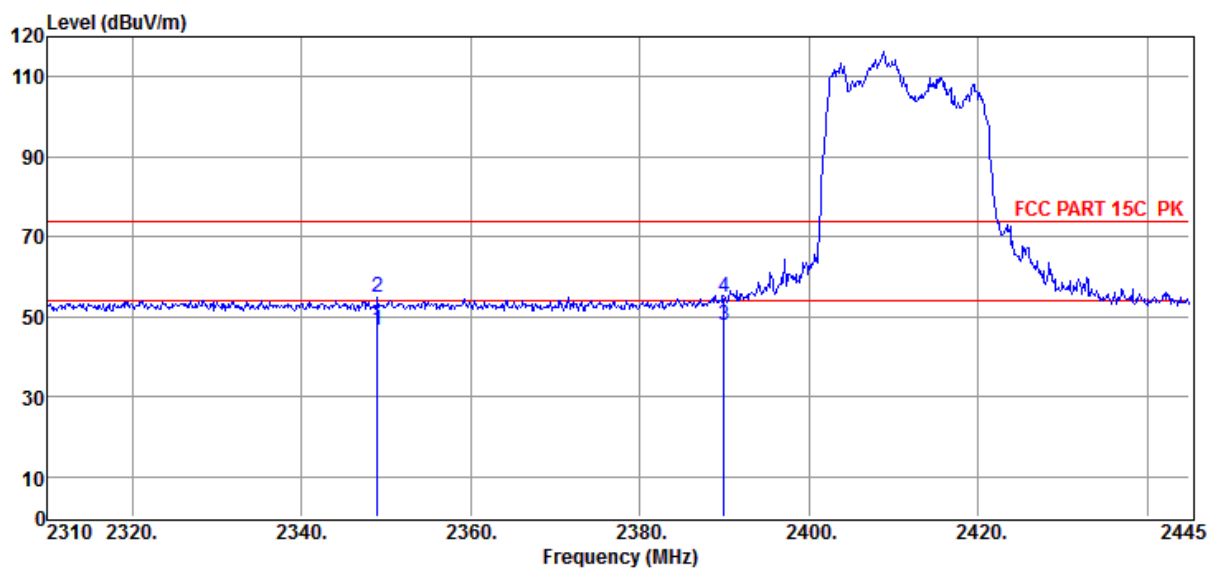
Model Number : RG-RAP72Pro

Power Supply : PoE 54V DC

Test Mode : Tx mode

Memo : 11BE20 MCS0 MIMO 2412MHz 52+26RUind38+1

Data: 211



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2349.02	15.46	28.11	3.15	46.72	54.00	-7.28	Average	HORIZONTAL
2	2349.02	23.61	28.11	3.15	54.87	74.00	-19.13	Peak	HORIZONTAL
3	2390.00	16.49	28.05	3.18	47.72	54.00	-6.28	Average	HORIZONTAL
4	2390.00	23.51	28.05	3.18	54.74	74.00	-19.26	Peak	HORIZONTAL

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

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.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 06-05-2024

Tested By : Sunny

EUT : Wireless Access Point

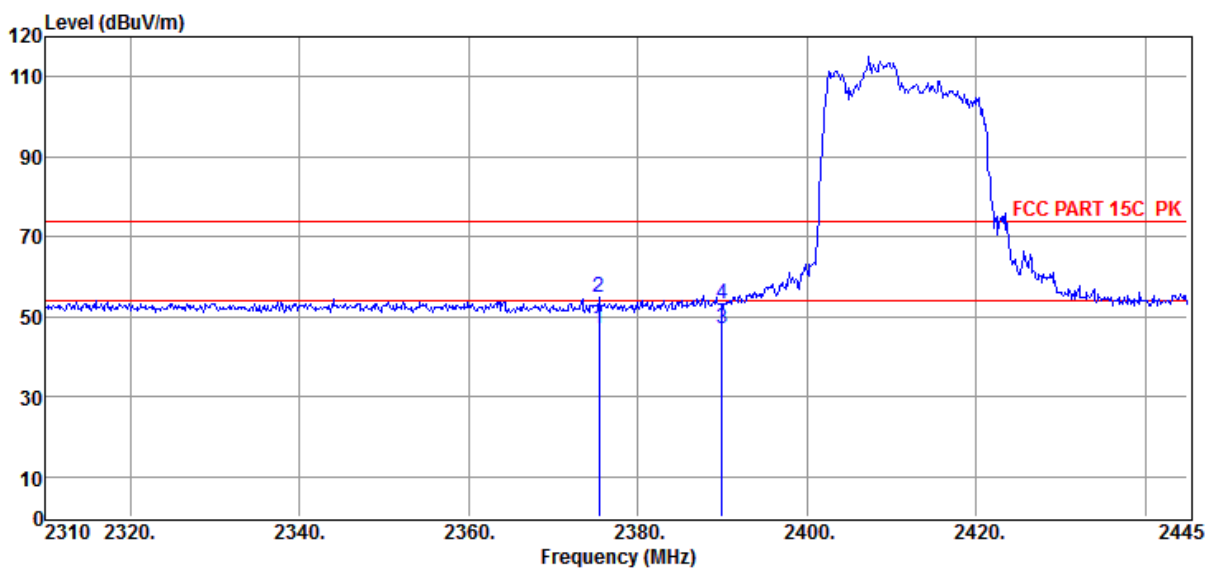
Model Number : RG-RAP72Pro

Power Supply : PoE 54V DC

Test Mode : Tx mode

Memo : 11BE20 MCS0 MIMO 2412MHz 52+26RUind38+1

Data: 212



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2375.48	15.89	28.07	3.17	47.13	54.00	-6.87	Average	VERTICAL
2	2375.48	23.48	28.07	3.17	54.72	74.00	-19.28	Peak	VERTICAL
3	2390.00	15.92	28.05	3.18	47.15	54.00	-6.85	Average	VERTICAL
4	2390.00	22.10	28.05	3.18	53.33	74.00	-20.67	Peak	VERTICAL

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

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.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 06-05-2024

Tested By : Sunny

EUT : Wireless Access Point

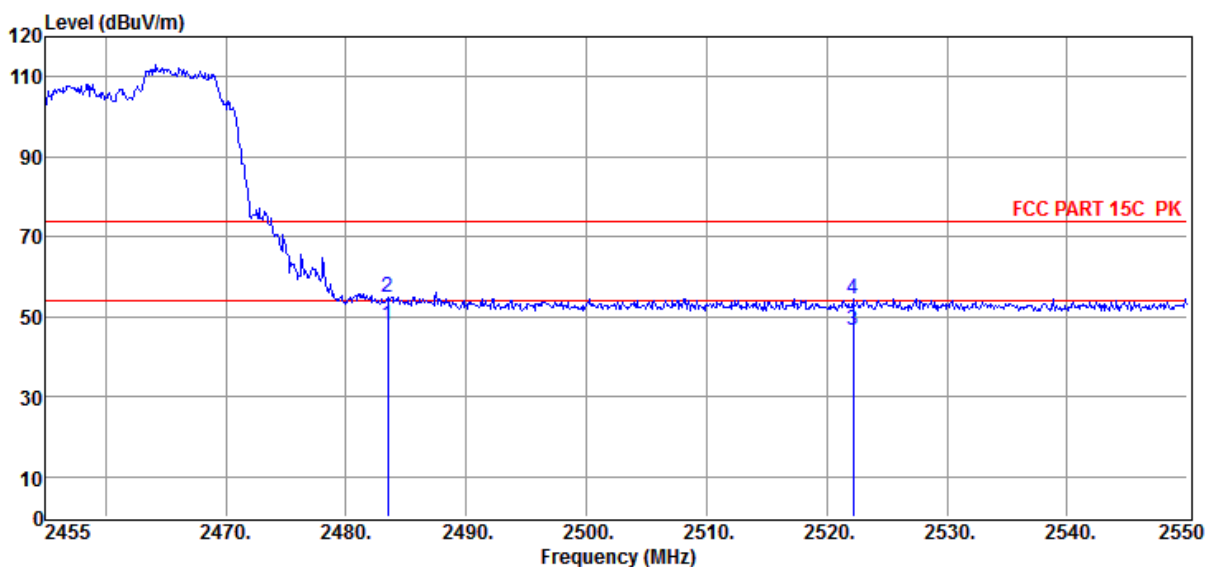
Model Number : RG-RAP72Pro

Power Supply : PoE 54V DC

Test Mode : Tx mode

Memo : 11BE20 MCS0 MIMO 2462MHz 52+26RUind39+7

Data: 213



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2483.50	16.56	27.92	3.23	47.71	54.00	-6.29	Average	VERTICAL
2	2483.50	23.52	27.92	3.23	54.67	74.00	-19.33	Peak	VERTICAL
3	2522.17	15.19	27.96	3.26	46.41	54.00	-7.59	Average	VERTICAL
4	2522.17	23.37	27.96	3.26	54.59	74.00	-19.41	Peak	VERTICAL

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

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.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 06-05-2024

Tested By : Sunny

EUT : Wireless Access Point

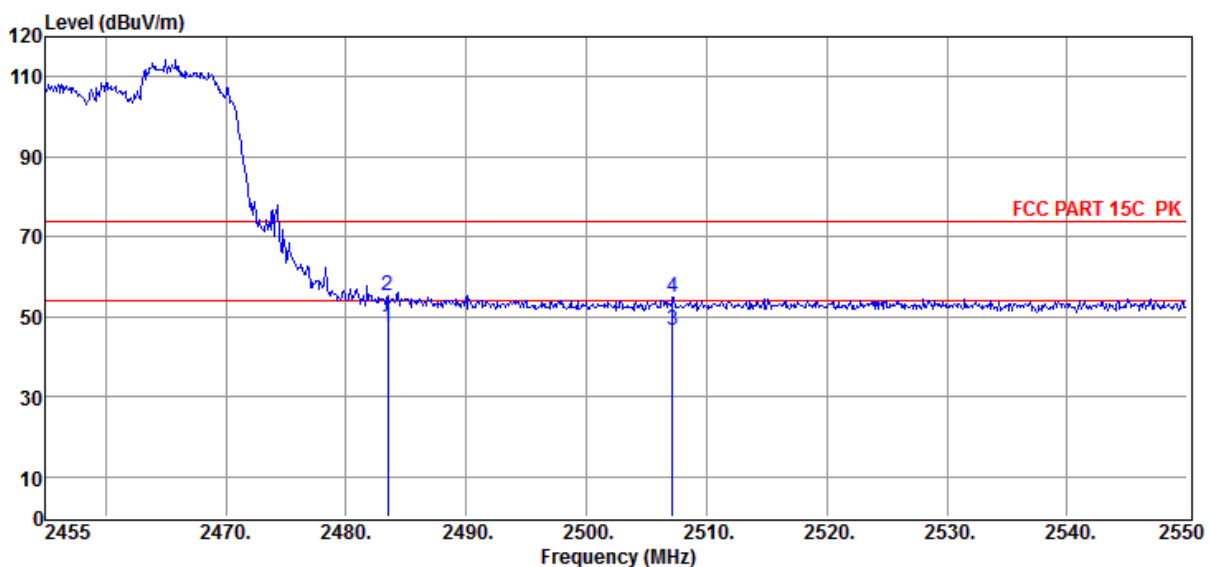
Model Number : RG-RAP72Pro

Power Supply : PoE 54V DC

Test Mode : Tx mode

Memo : 11BE20 MCS0 MIMO 2462MHz 52+26RUind39+7

Data: 214



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2483.50	16.41	27.92	3.23	47.56	54.00	-6.44	Average	HORIZONTAL
2	2483.50	24.24	27.92	3.23	55.39	74.00	-18.61	Peak	HORIZONTAL
3	2507.16	15.23	27.92	3.25	46.40	54.00	-7.60	Average	HORIZONTAL
4	2507.16	23.67	27.92	3.25	54.84	74.00	-19.16	Peak	HORIZONTAL

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

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.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 06-05-2024

Tested By : Sunny

EUT : Wireless Access Point

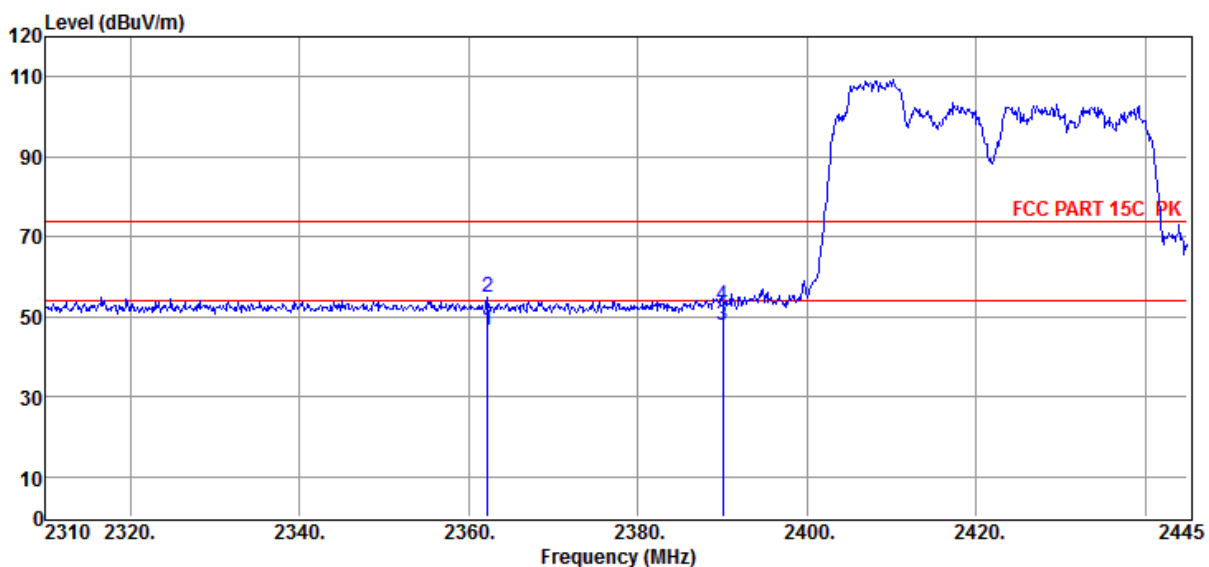
Model Number : RG-RAP72Pro

Power Supply : PoE 54V DC

Test Mode : Tx mode

Memo : 11BE40 MCS0 MIMO 2422MHz 52+26RUind38+1

Data: 215



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2362.25	15.37	28.09	3.16	46.62	54.00	-7.38	Average	HORIZONTAL
2	2362.25	23.57	28.09	3.16	54.82	74.00	-19.18	Peak	HORIZONTAL
3	2390.06	16.45	28.05	3.18	47.68	54.00	-6.32	Average	HORIZONTAL
4	2390.06	21.70	28.05	3.18	52.93	74.00	-21.07	Peak	HORIZONTAL

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

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.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 06-05-2024

Tested By : Sunny

EUT : Wireless Access Point

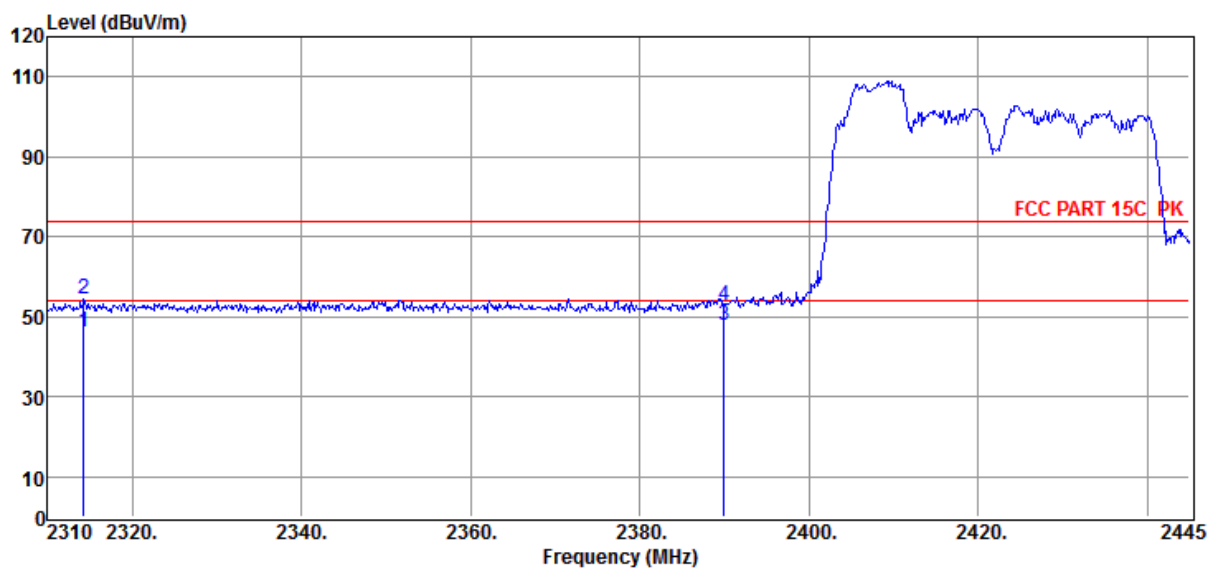
Model Number : RG-RAP72Pro

Power Supply : PoE 54V DC

Test Mode : Tx mode

Memo : 11BE40 MCS0 MIMO 2422MHz 52+26RUind38+1

Data: 216



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2314.32	15.07	28.16	3.13	46.36	54.00	-7.64	Average	VERTICAL
2	2314.32	23.34	28.16	3.13	54.63	74.00	-19.37	Peak	VERTICAL
3	2390.00	16.49	28.05	3.18	47.72	54.00	-6.28	Average	VERTICAL
4	2390.00	21.36	28.05	3.18	52.59	74.00	-21.41	Peak	VERTICAL

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

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.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 06-05-2024

Tested By : Sunny

EUT : Wireless Access Point

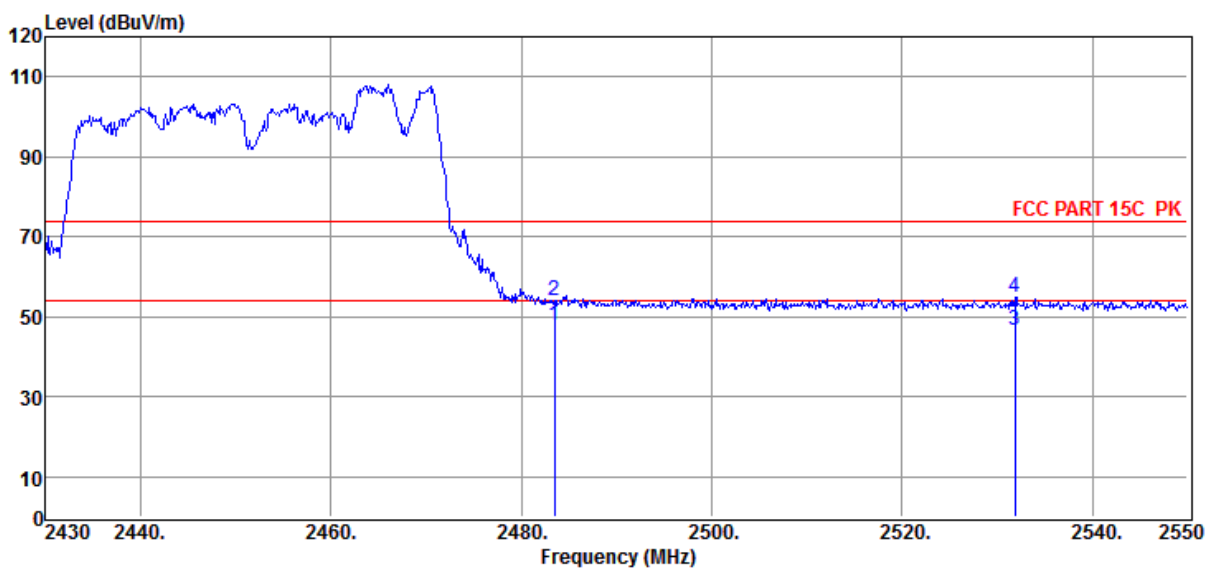
Model Number : RG-RAP72Pro

Power Supply : PoE 54V DC

Test Mode : Tx mode

Memo : 11BE40 MCS0 MIMO 2452MHz 52+26RUind43+17

Data: 217



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2483.50	16.82	27.92	3.23	47.97	54.00	-6.03	Average	VERTICAL
2	2483.50	22.76	27.92	3.23	53.91	74.00	-20.09	Peak	VERTICAL
3	2531.88	15.17	27.98	3.27	46.42	54.00	-7.58	Average	VERTICAL
4	2531.88	23.64	27.98	3.27	54.89	74.00	-19.11	Peak	VERTICAL

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

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.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 06-05-2024

Tested By : Sunny

EUT : Wireless Access Point

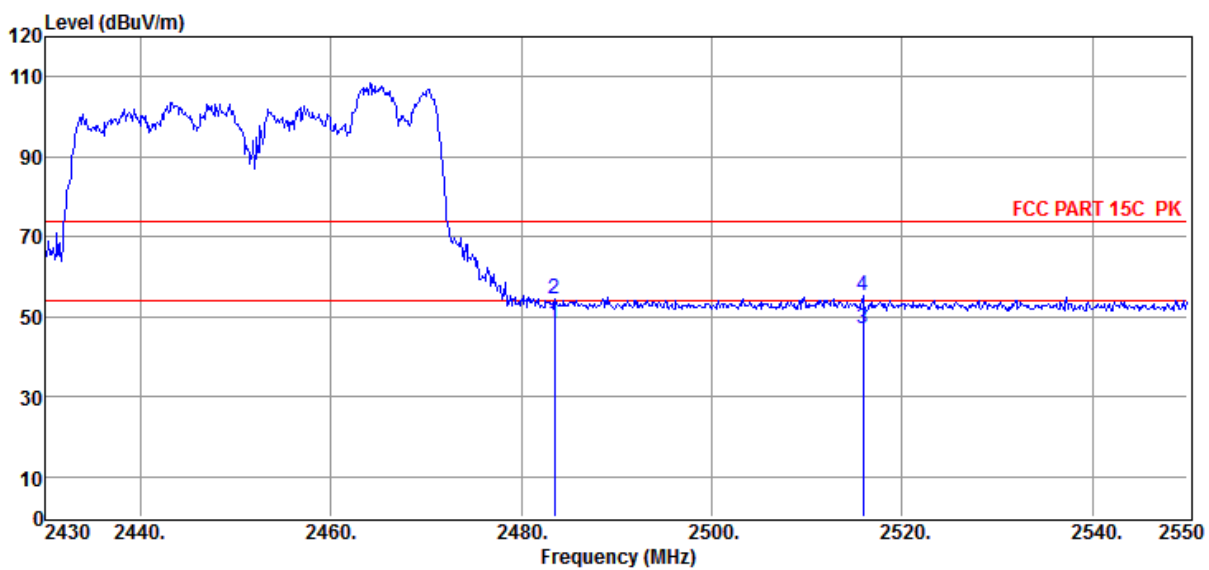
Model Number : RG-RAP72Pro

Power Supply : PoE 54V DC

Test Mode : Tx mode

Memo : 11BE40 MCS0 MIMO 2452MHz 52+26RUind43+17

Data: 218



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	2483.50	17.03	27.92	3.23	48.18	54.00	-5.82	Average	HORIZONTAL
2	2483.50	23.20	27.92	3.23	54.35	74.00	-19.65	Peak	HORIZONTAL
3	2515.92	15.70	27.94	3.25	46.89	54.00	-7.11	Average	HORIZONTAL
4	2515.92	24.23	27.94	3.25	55.42	74.00	-18.58	Peak	HORIZONTAL

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

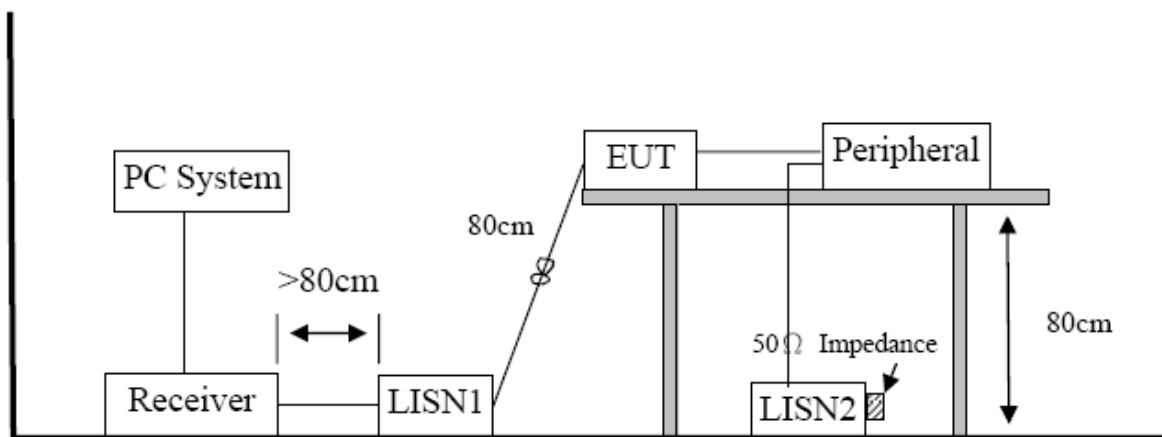
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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

4. Margin = Result Level - Limit.

12. Power Line Conducted Emission

12.1. Block diagram of test setup



12.2. Power Line Conducted Emission Limits (Class B)

Frequency	Quasi-Peak Level dB(μV)	Average Level dB(μV)
150 kHz ~ 500 kHz	66 ~ 56*	56 ~ 46*
500 kHz ~ 5 MHz	56	46
5 MHz ~ 30 MHz	60	50

Note 1: * Decreasing linearly with logarithm of frequency.

Note 2: The lower limit shall apply at the transition frequencies.

12.3. Test procedure

The EUT and Support equipment, if needed, were put placed on a non-metallic table, 80cm above the ground plane.

All I/O cables were positioned to simulate typical actual usage as per ANSI C63.4.

All support equipment power received from a second LISN.

Emissions were measured on each current carrying line of the EUT using an EMI Test Receiver connected to the LISN powering the EUT.

The Receiver scanned from 150 kHz to 30MHz for emissions in each of the test modes.

During the above scans, the emissions were maximized by cable manipulation.

After the preliminary scan, we found the test mode producing the highest emission level.

The EUT configuration and worse cable configuration of the above highest emission levels were recorded for reference of the final test.

EUT and support equipment were set up on the test bench as per the configuration with highest emission level in the preliminary test.

A scan was taken on both power lines, Neutral and Line, recording at least the six highest emissions.

Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit.

The test data of the worst-case condition(s) was recorded.

The bandwidth of test receiver is set at 9 kHz.

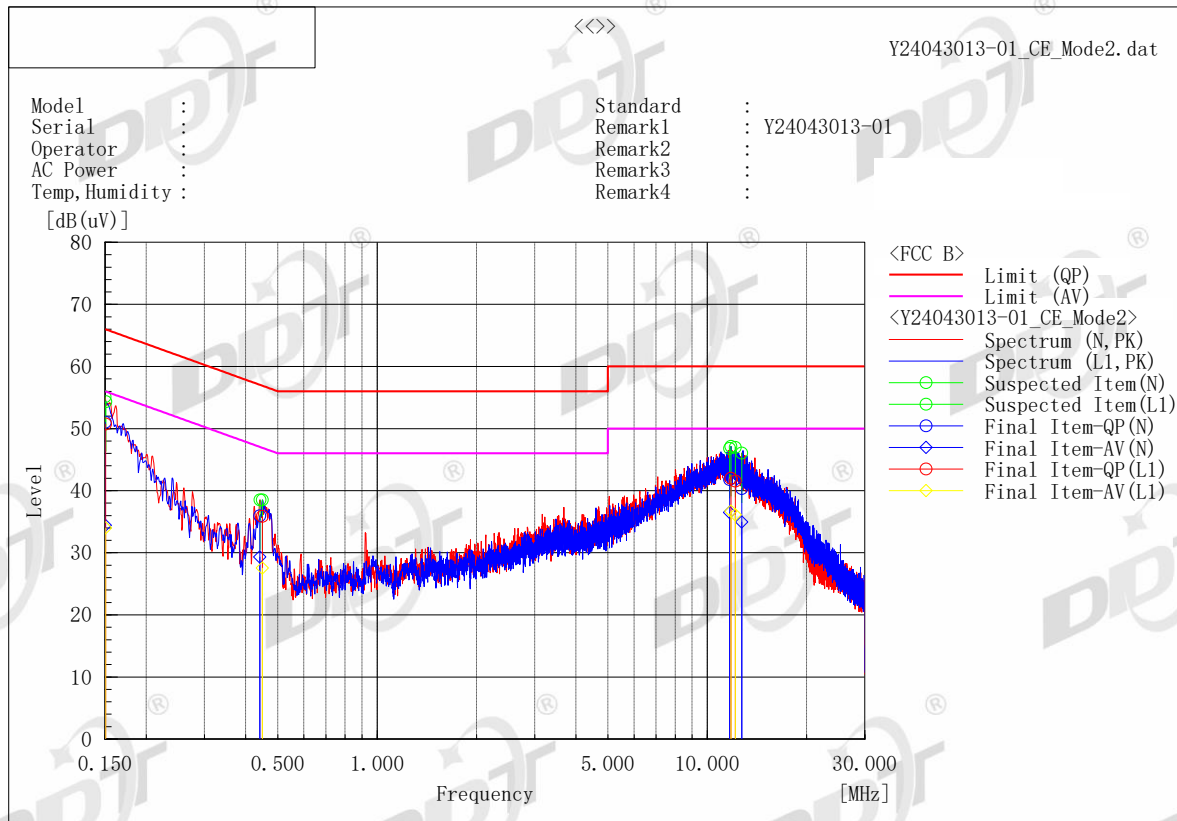
12.4. Test result

Pass. (See below detailed test result)

Note1: All emissions not reported below are too low against the prescribed limits.

Note2: Pre-test AC conducted emission at all mode, only the worst case was recorded in this report.

Conducted Emission Test Result



Final Result

--- N Phase ---

No.	Frequency [MHz]	Reading QP [dB(uV)]	Reading CAV [dB(uV)]	c. f [dB]	Result QP [dB(uV)]	Result CAV [dB(uV)]	Limit QP [dB(uV)]	Limit AV [dB(uV)]	Margin QP [dB]	Margin CAV [dB]
1	0.15014	41.2	24.6	9.8	51.0	34.4	66.0	56.0	15.0	21.6
2	0.44149	26.1	19.5	9.8	35.9	29.3	57.0	47.0	21.1	17.7
3	11.68424	31.5	26.2	10.3	41.8	36.5	60.0	50.0	18.2	13.5
4	12.70818	30.0	24.7	10.3	40.3	35.0	60.0	50.0	19.7	15.0

--- L1 Phase ---

No.	Frequency [MHz]	Reading QP [dB(uV)]	Reading CAV [dB(uV)]	c. f [dB]	Result QP [dB(uV)]	Result CAV [dB(uV)]	Limit QP [dB(uV)]	Limit AV [dB(uV)]	Margin QP [dB]	Margin CAV [dB]
1	0.15067	40.9	24.2	9.8	50.7	34.0	66.0	56.0	15.3	22.0
2	0.44906	26.1	17.7	9.8	35.9	27.5	56.9	46.9	21.0	19.4
3	11.79009	31.7	26.4	10.3	42.0	36.7	60.0	50.0	18.0	13.3
4	12.16903	31.2	25.8	10.3	41.5	36.1	60.0	50.0	18.5	13.9

Note1) Level (Quasi-Peak and/or C/Average) = Meter Reading + Factor

Note2) Line = Polarity of input power (Live or Neutral)

N : Abbreviation of Neutral Polarity, L1 : Abbreviation of Live Polarity,

Note3) Factor = LISN Insertion Loss + Cable Loss

Note4) Margin = Limit – Level (Quasi-Peak and/or C/Average)

Note5) C/Average : Abbreviation of CISPR Average

13. Antenna Requirements

13.1. Limit

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. And according to FCC 47 CFR Section 15.247 (b), if transmitting antennas of directional gain greater than 6 dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

13.2. Result

The antenna used for this product is PIFA antenna and no antenna other than that furnished by the responsible party shall be used with the device, maximum antenna gain is Ant1 2.74dBi, Ant2 4.84.