2.13 11N20_L@Ant 1

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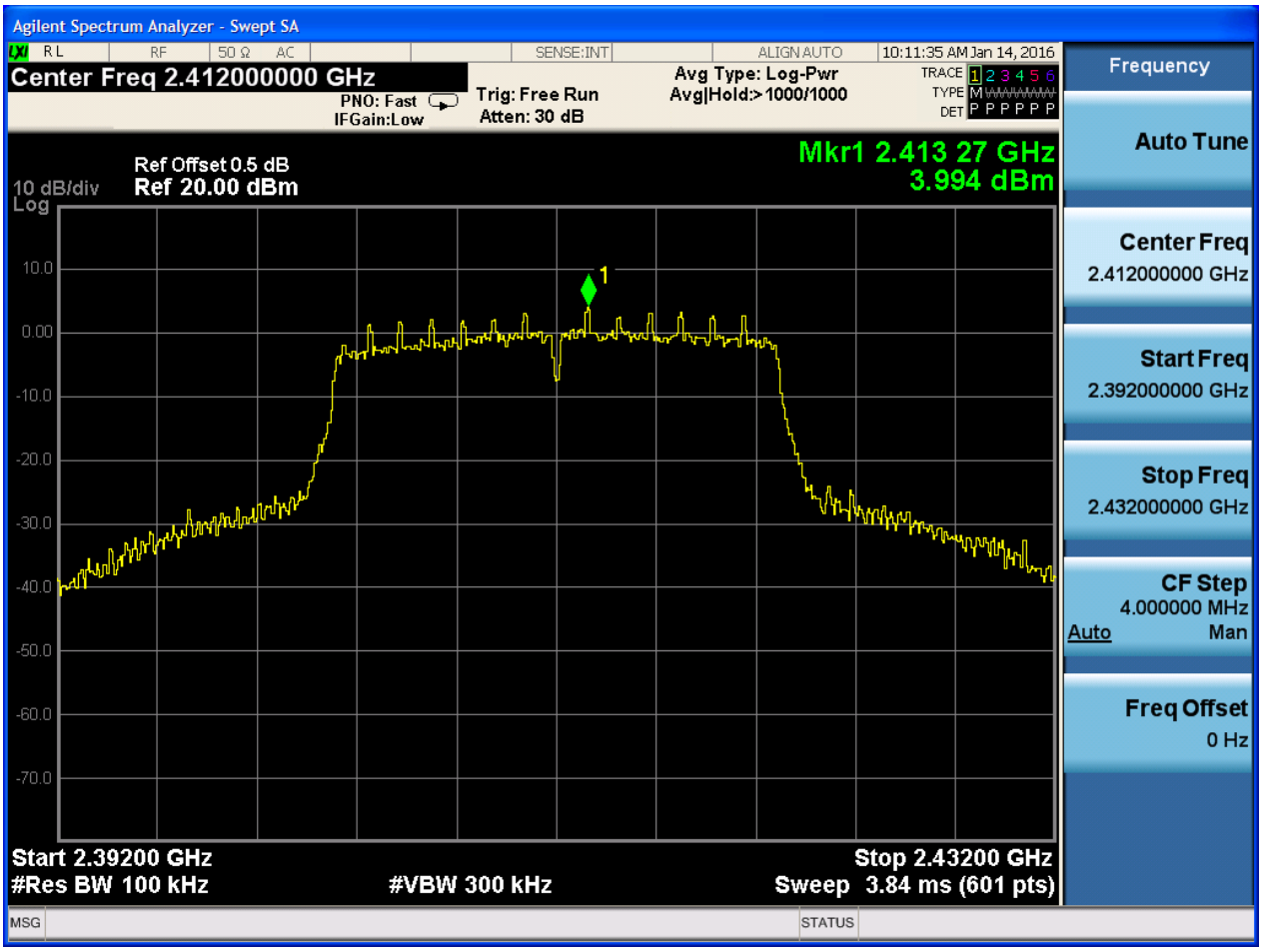

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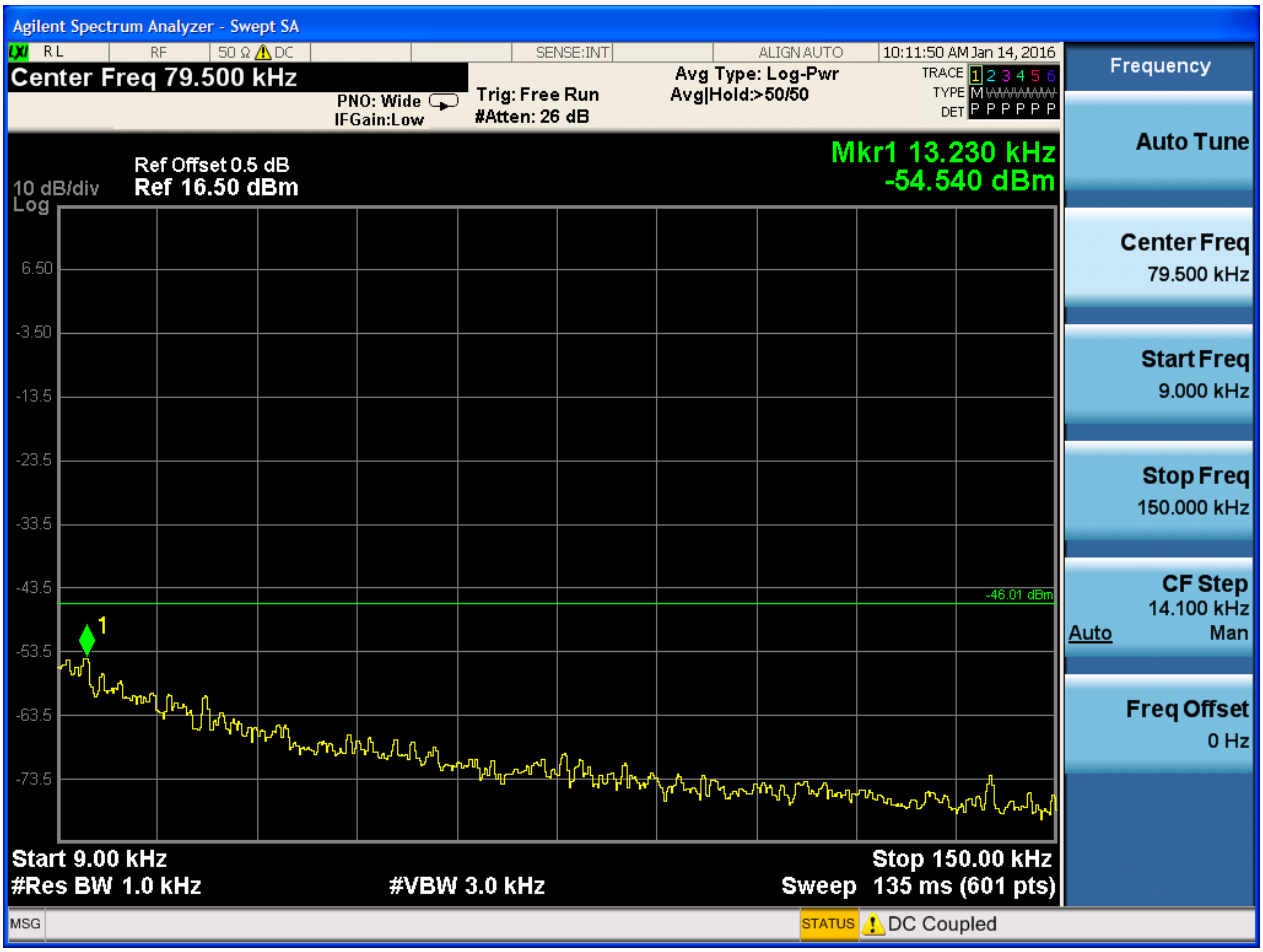

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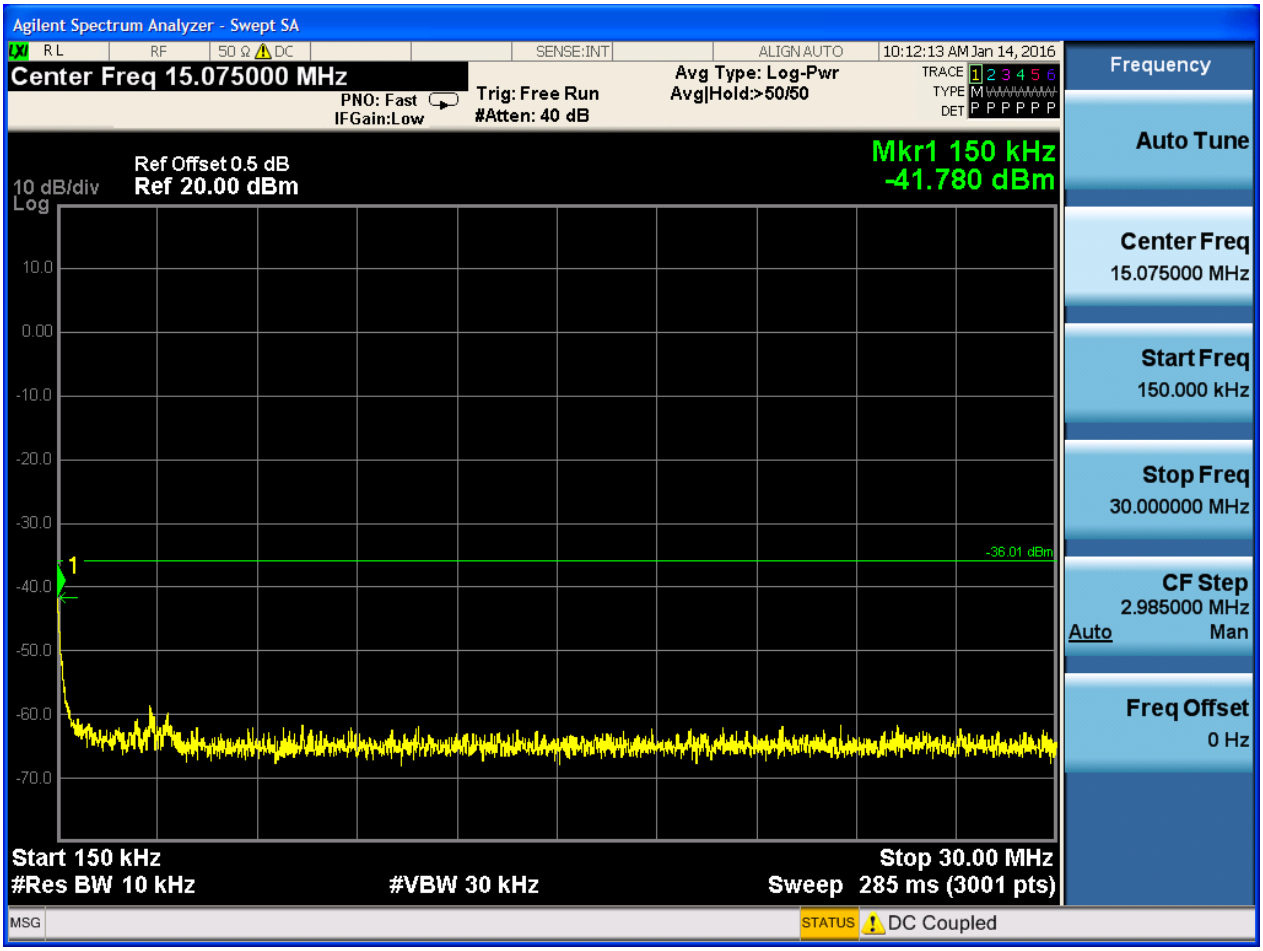

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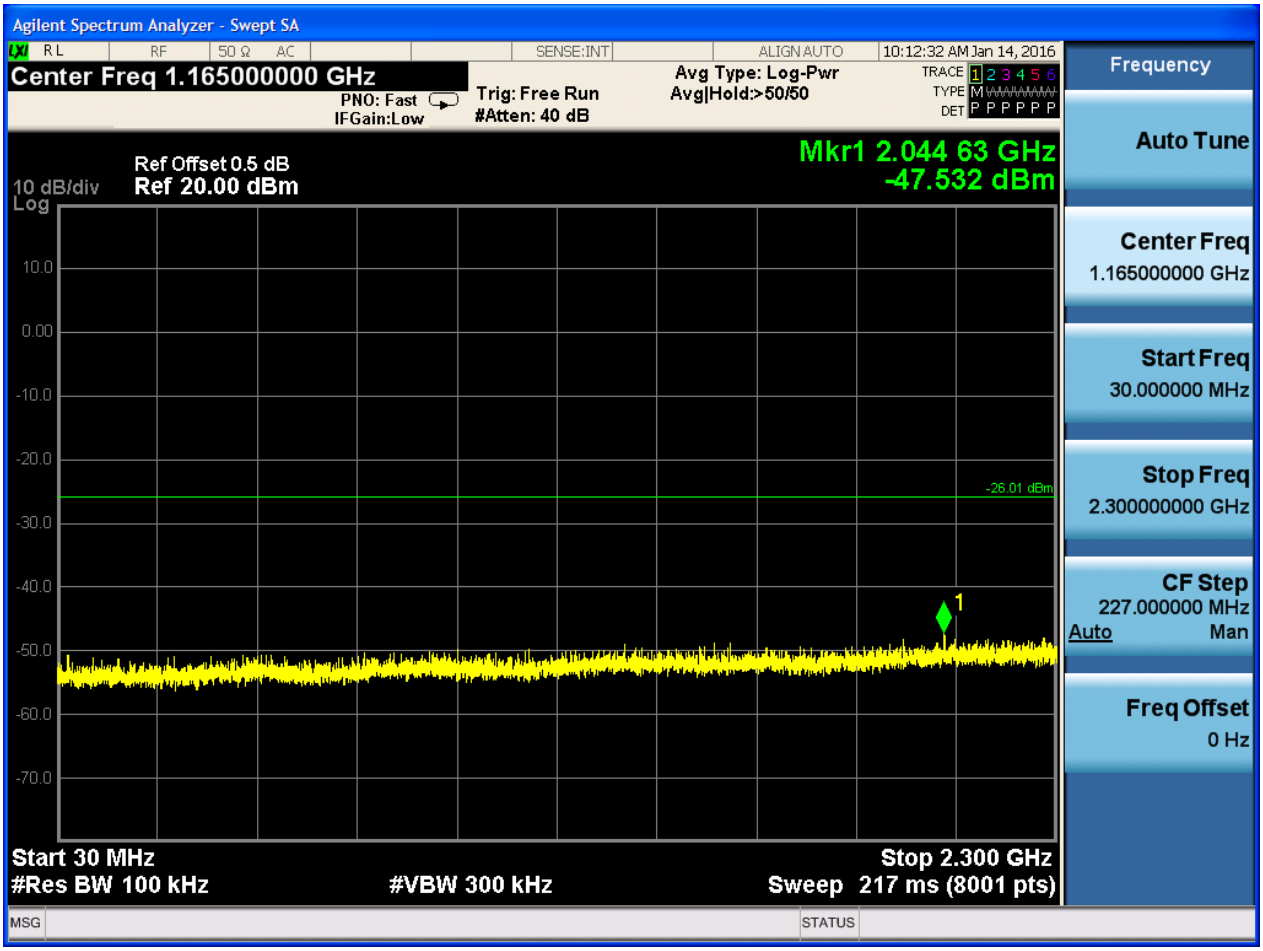

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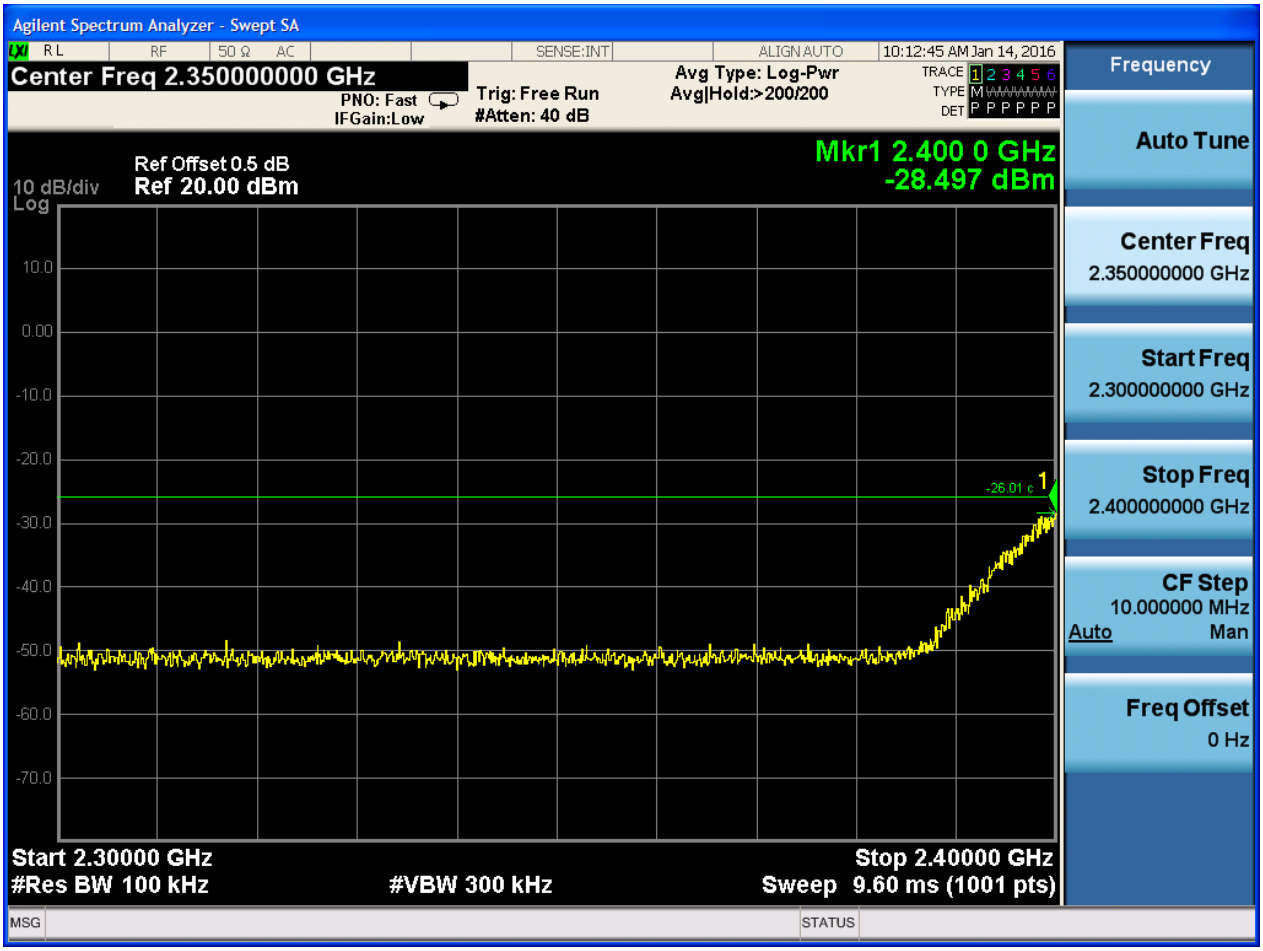

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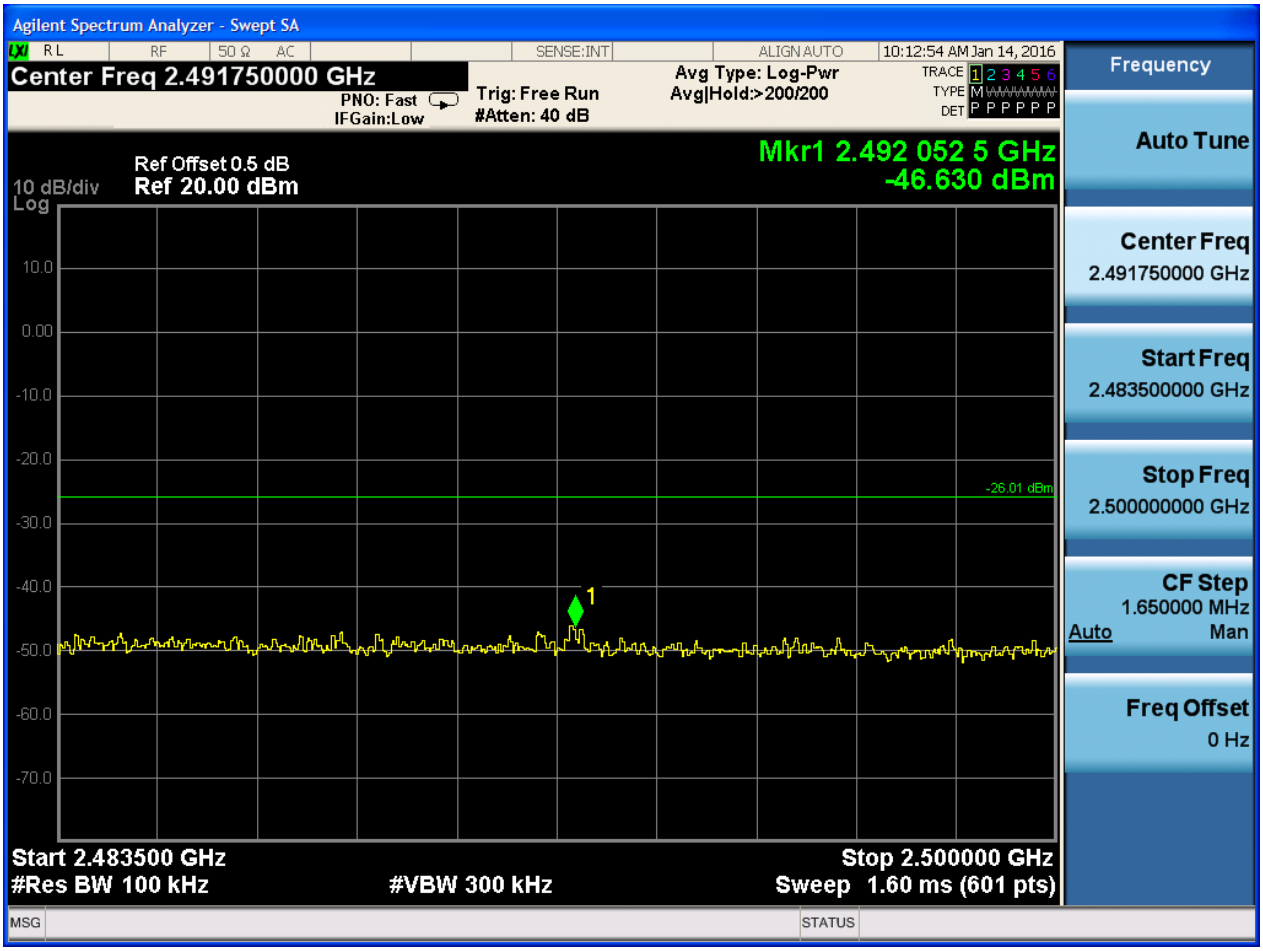

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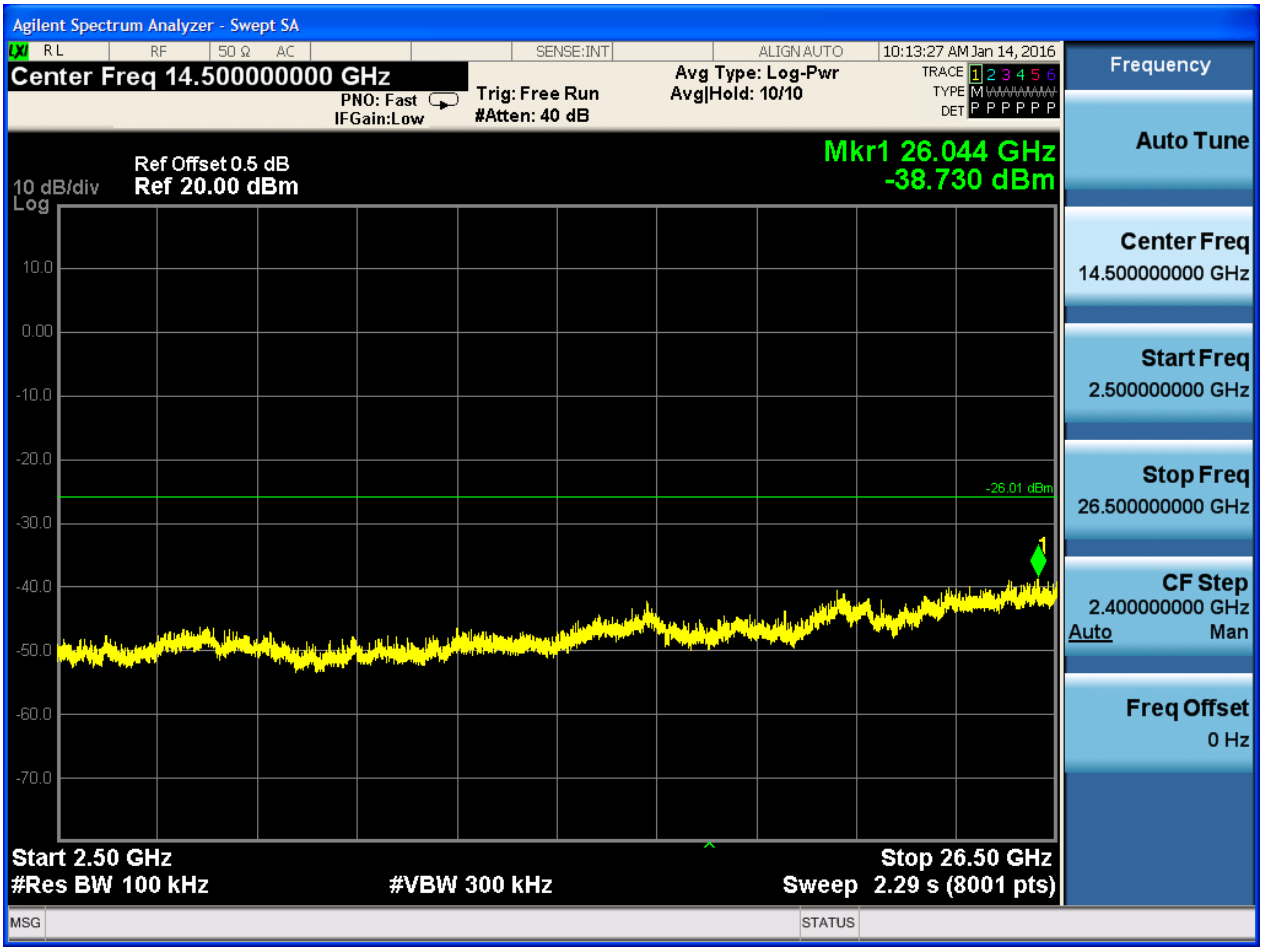

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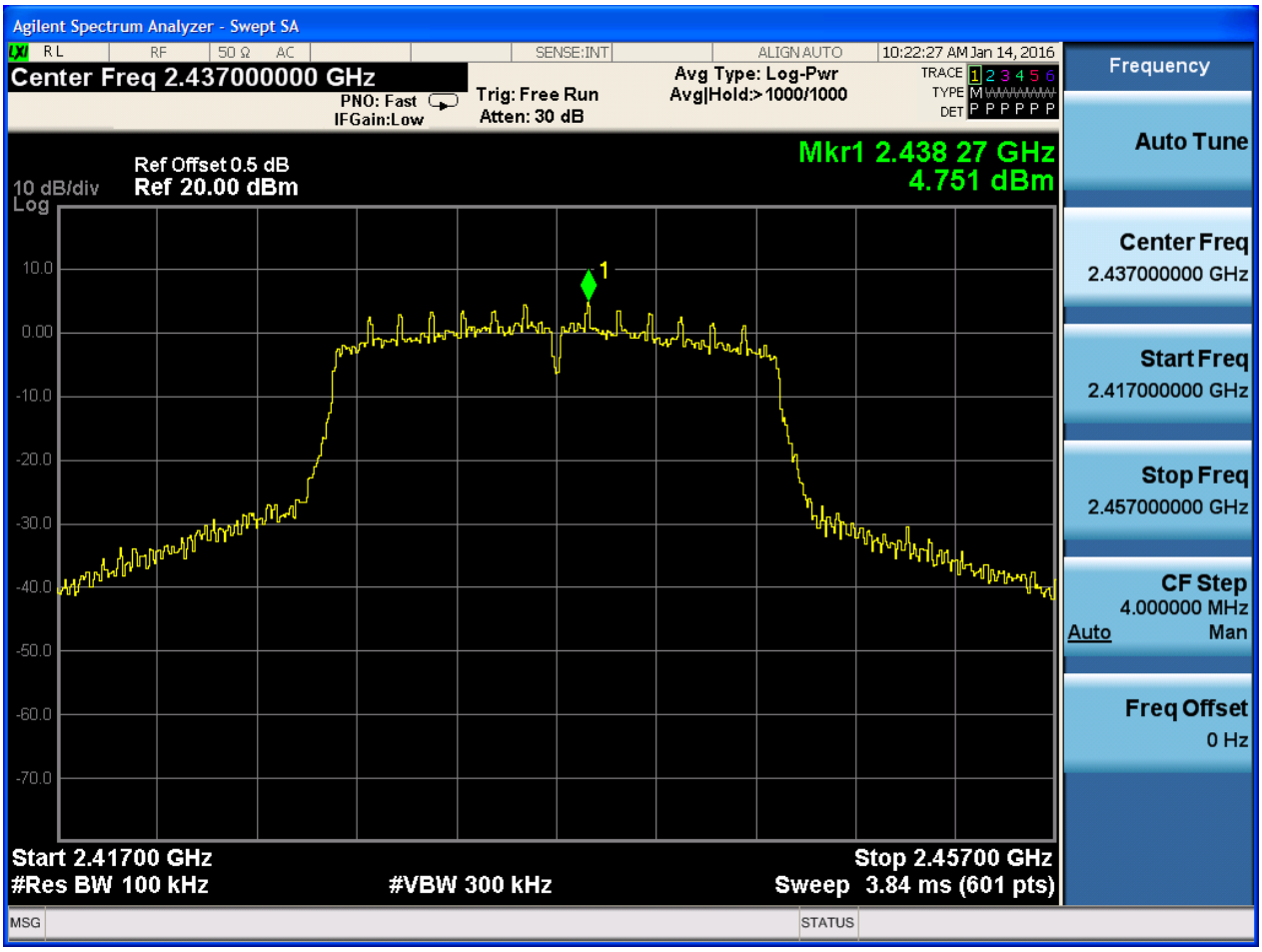

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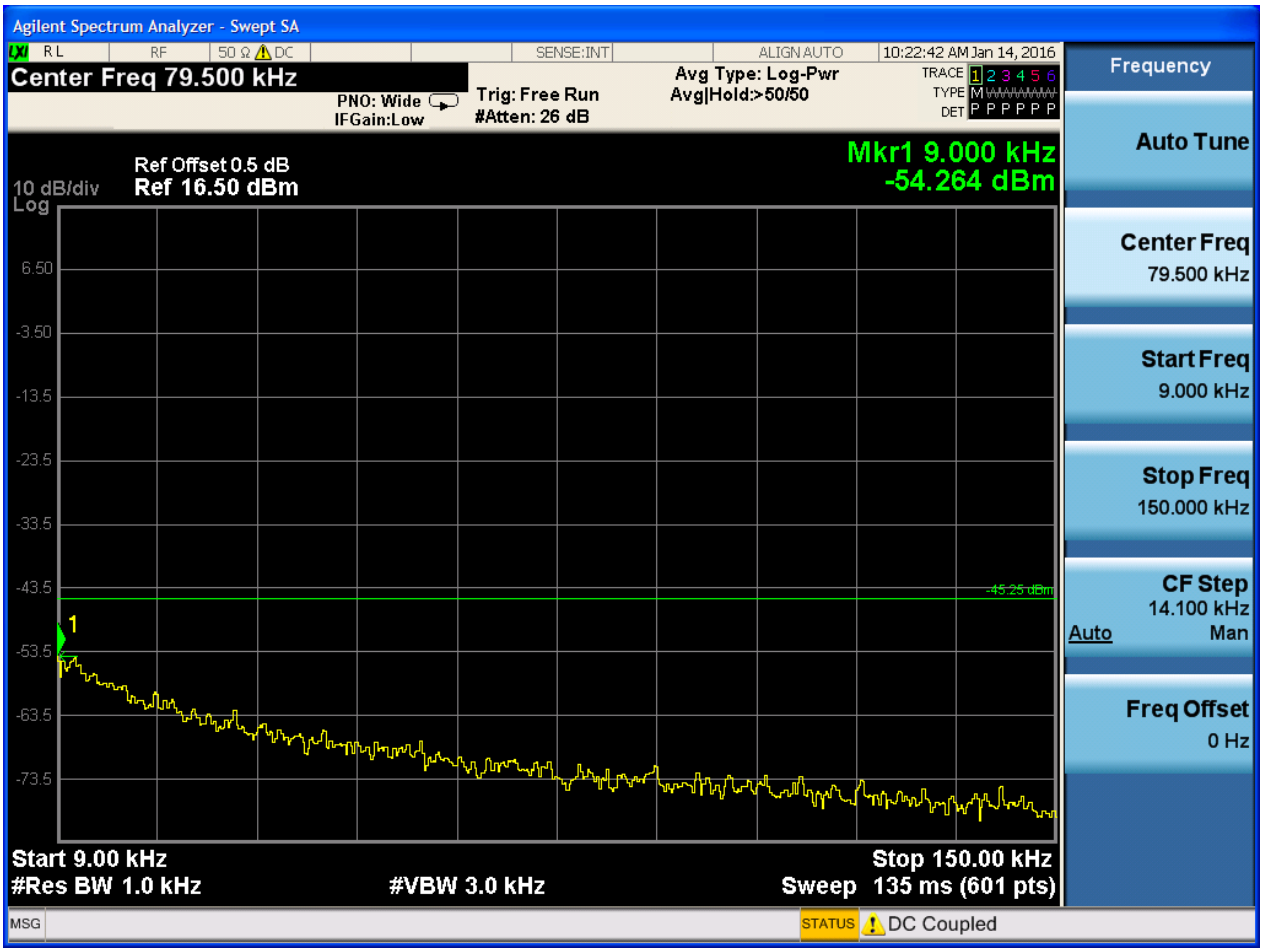

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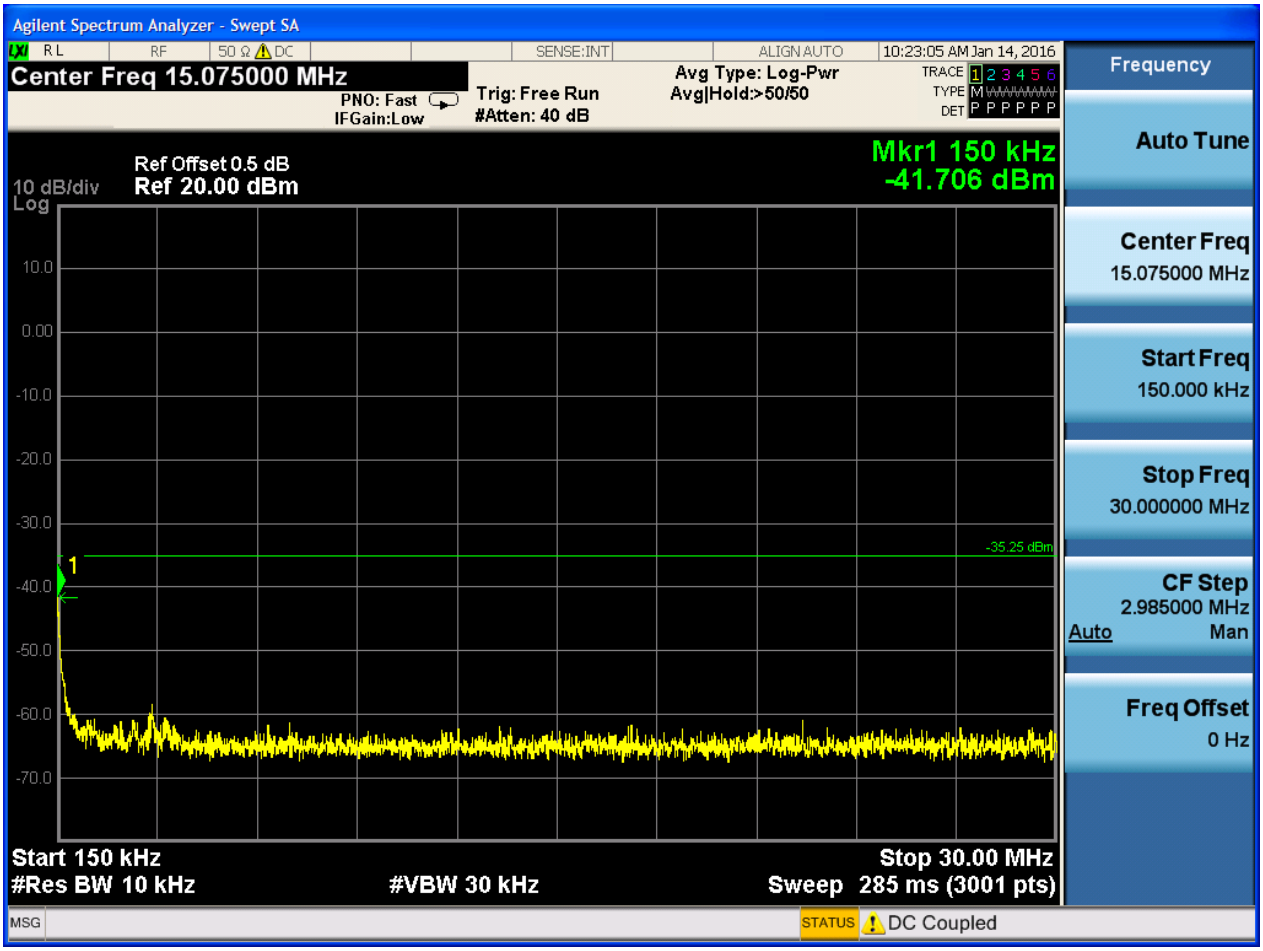

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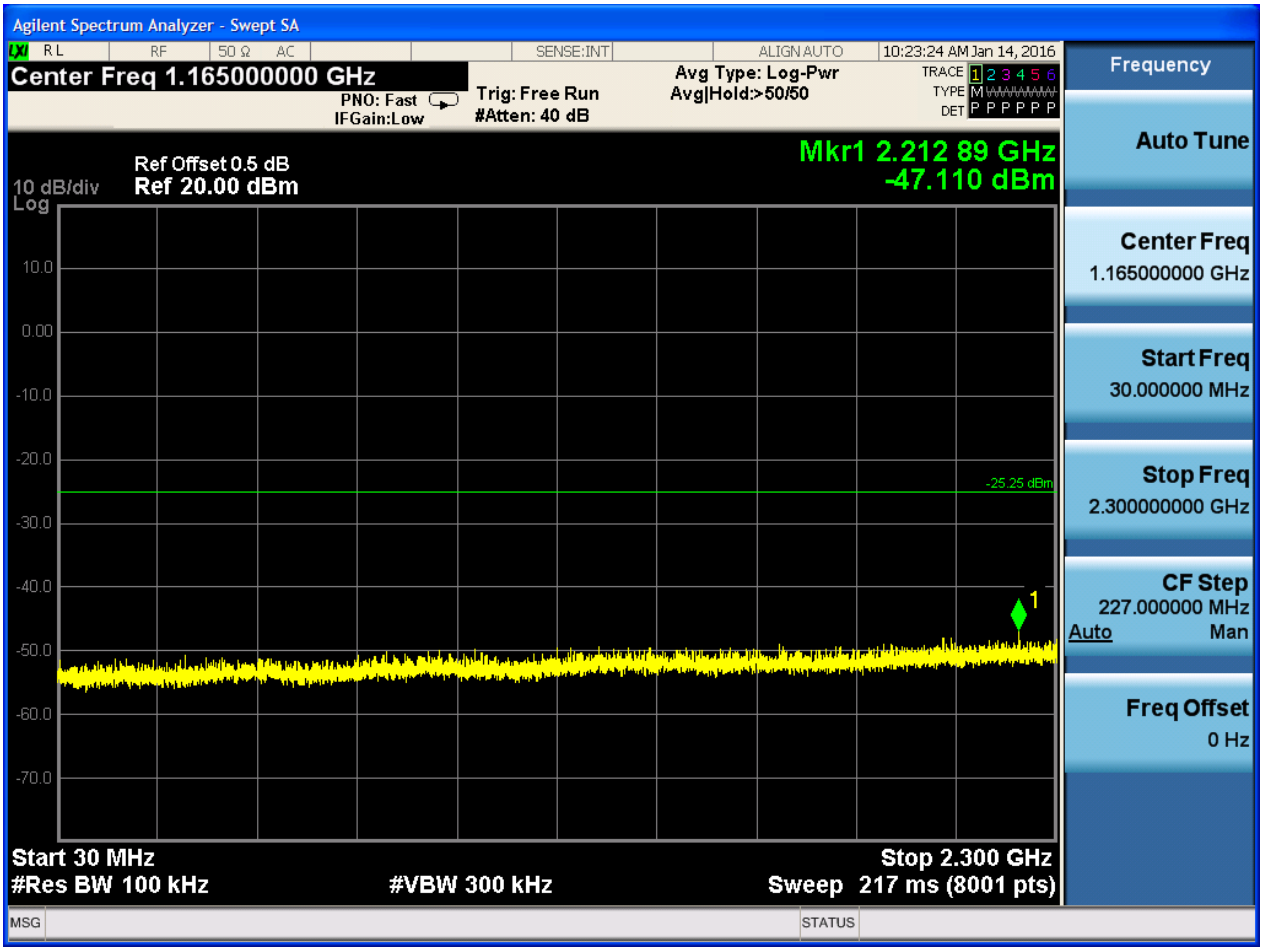

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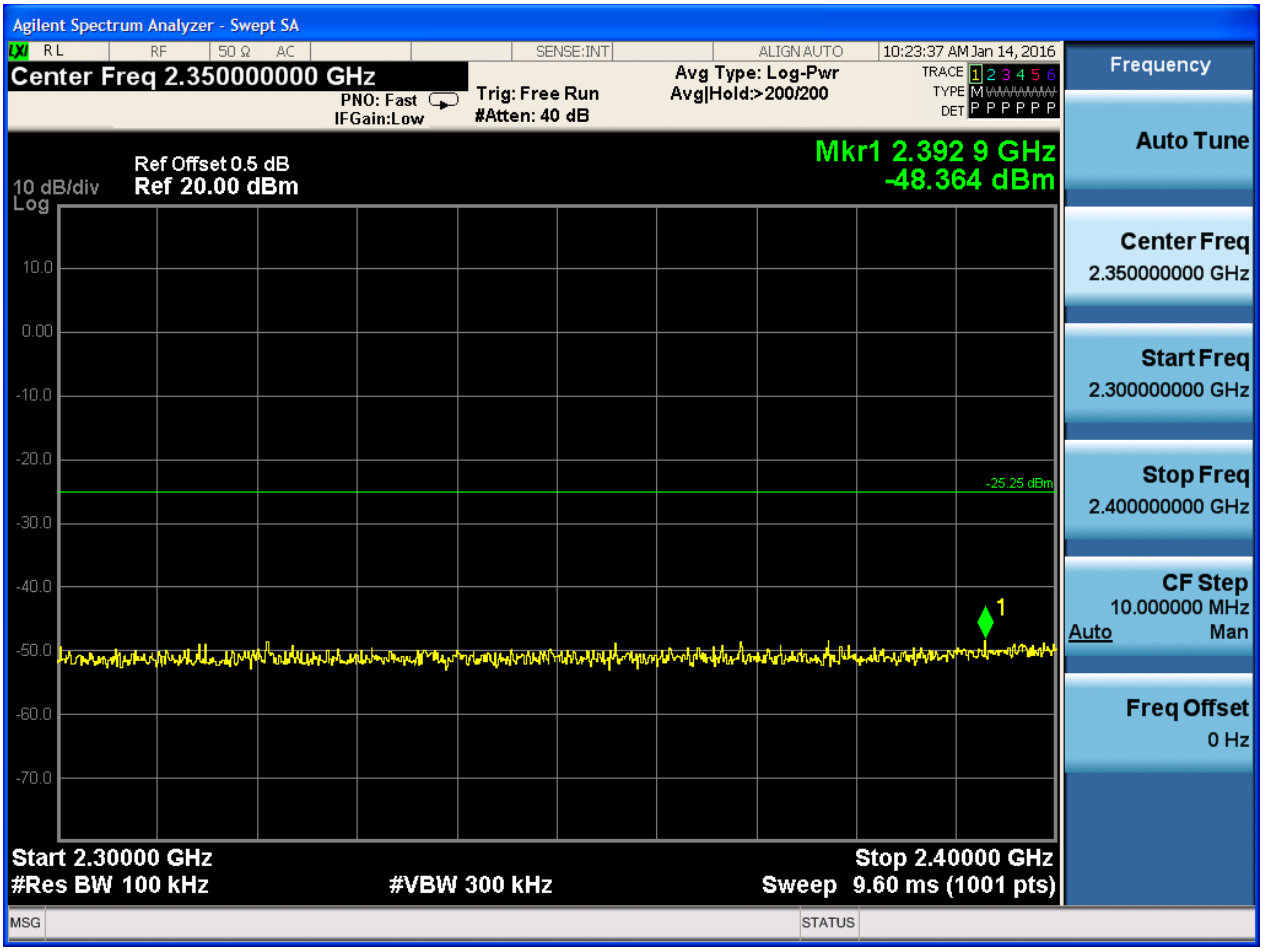

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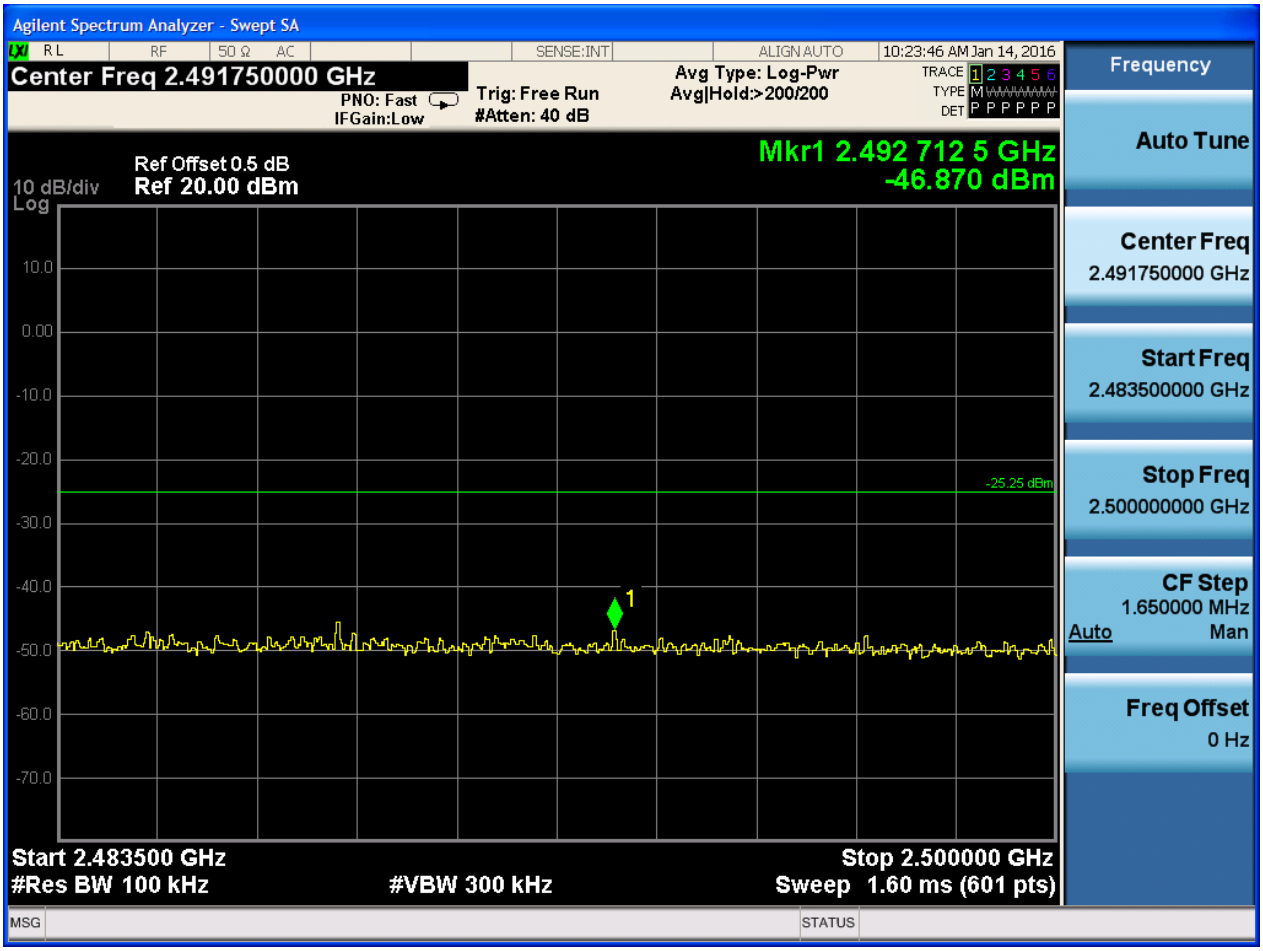

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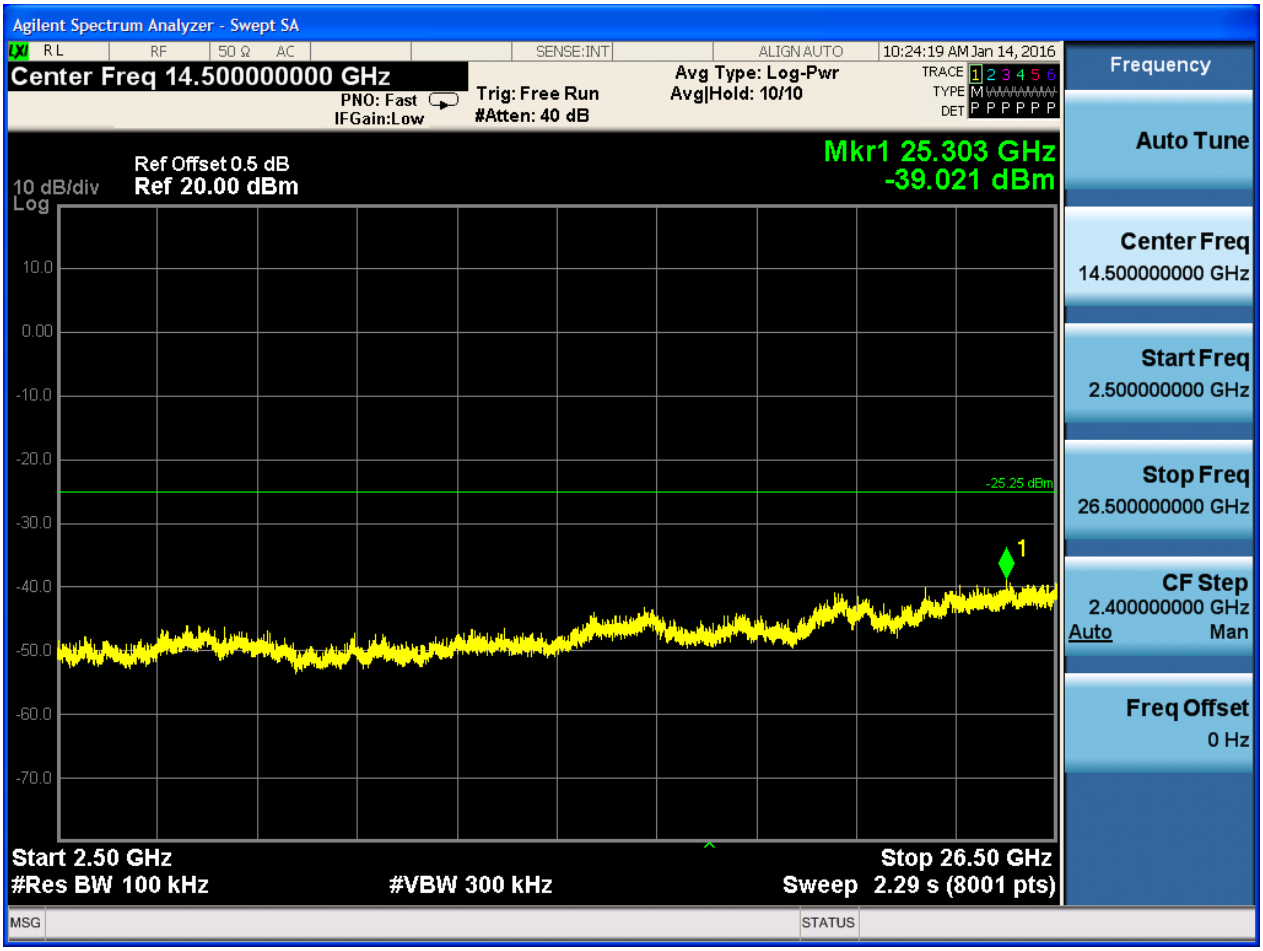

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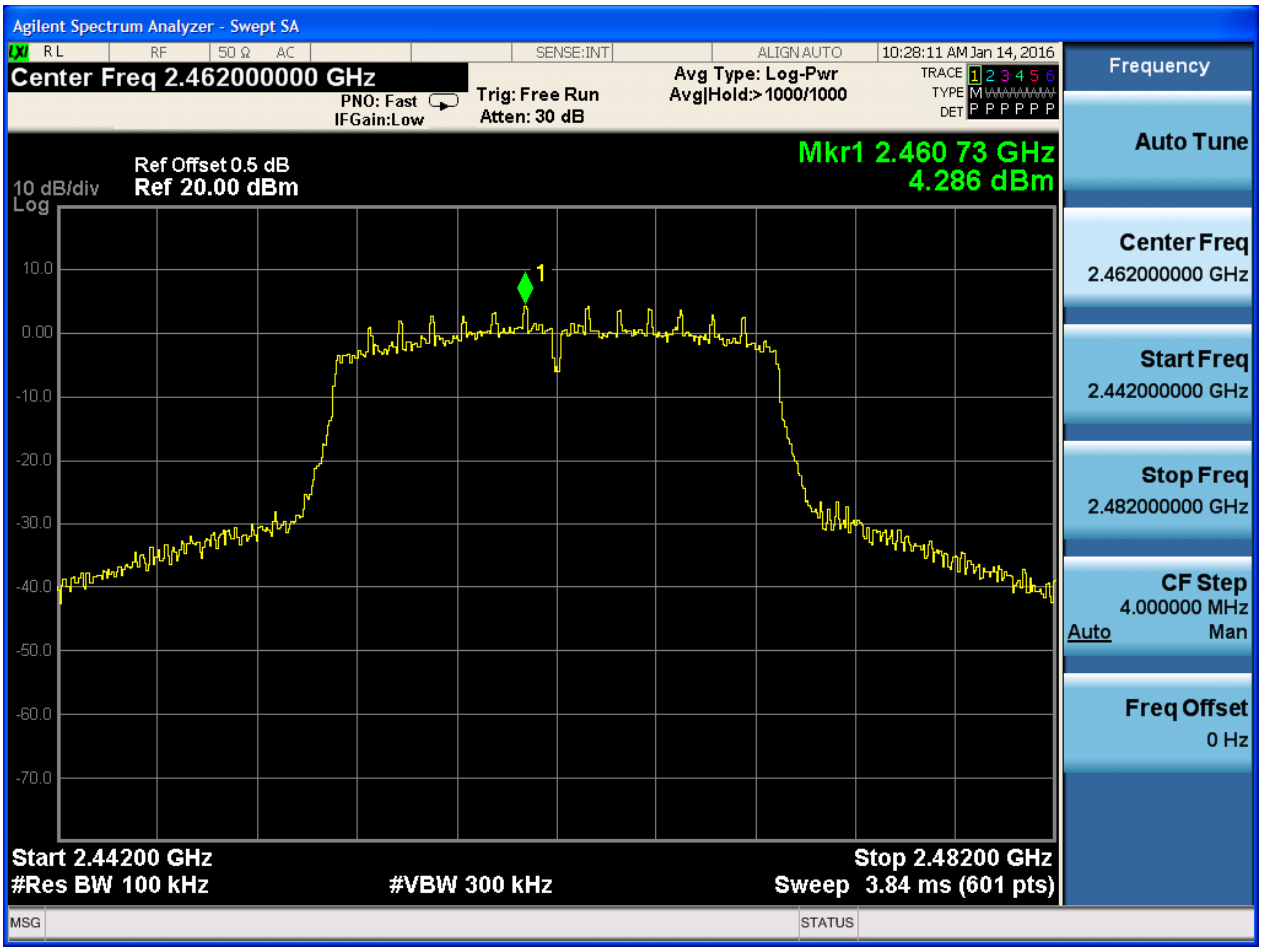

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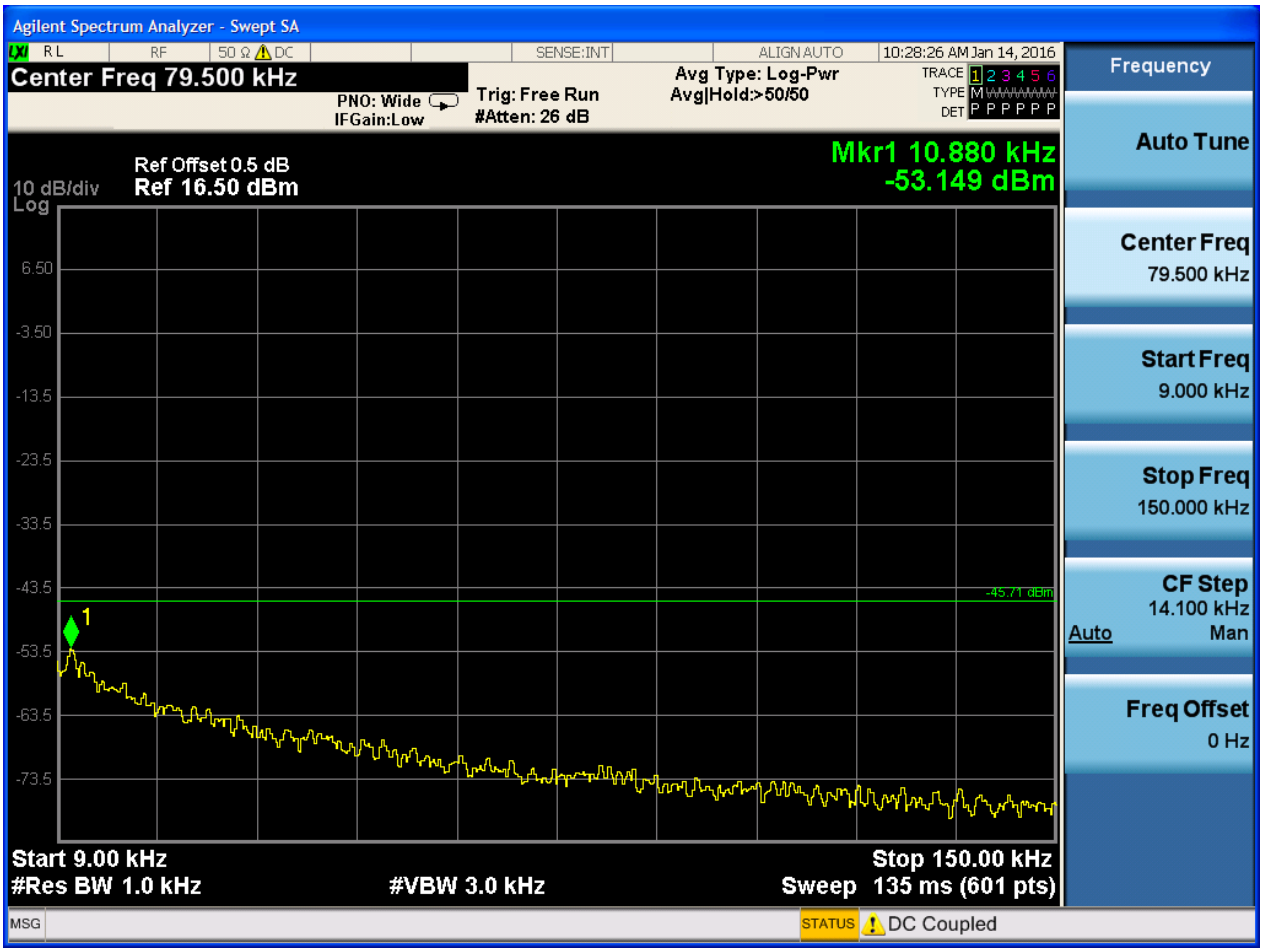

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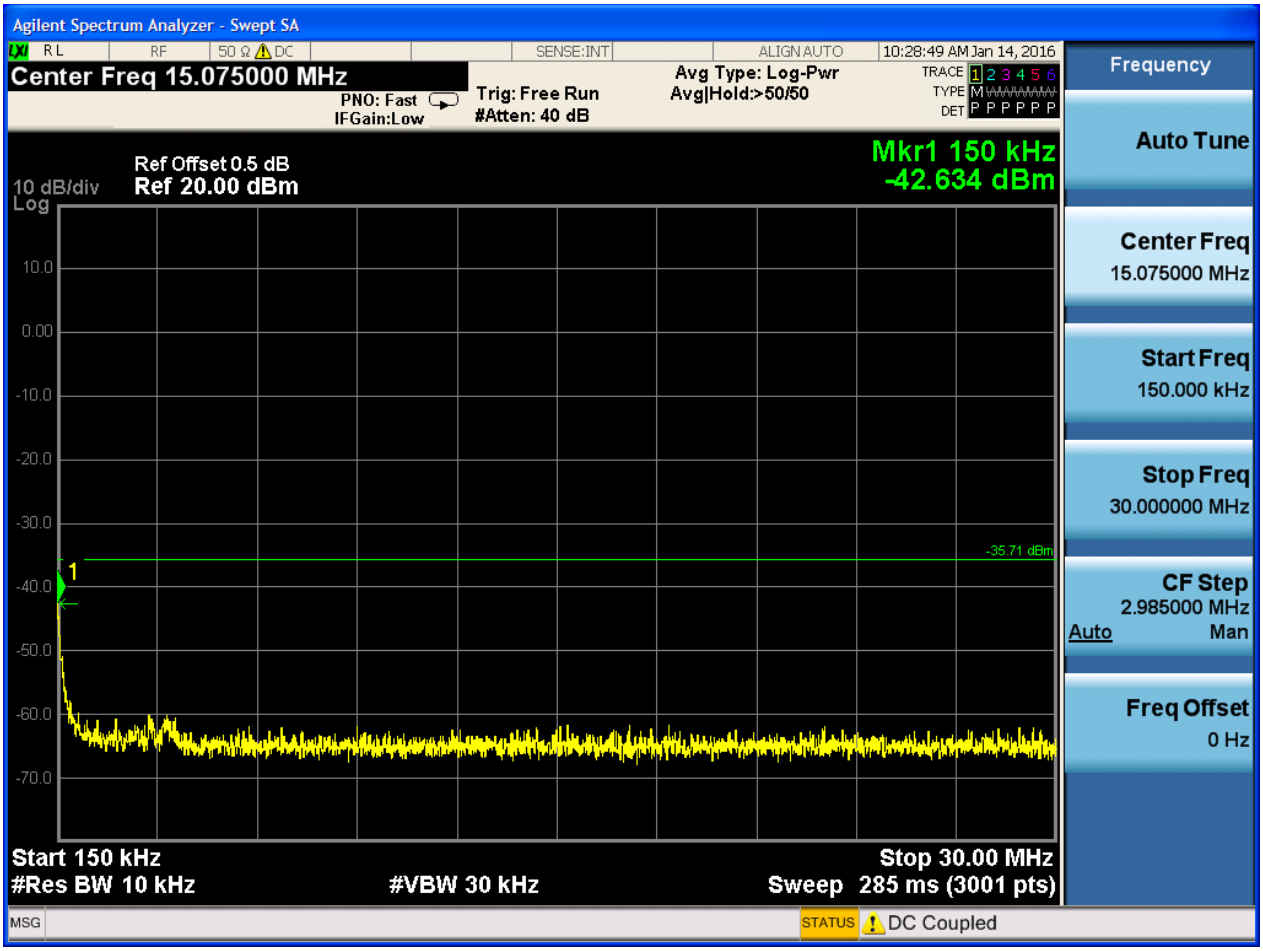

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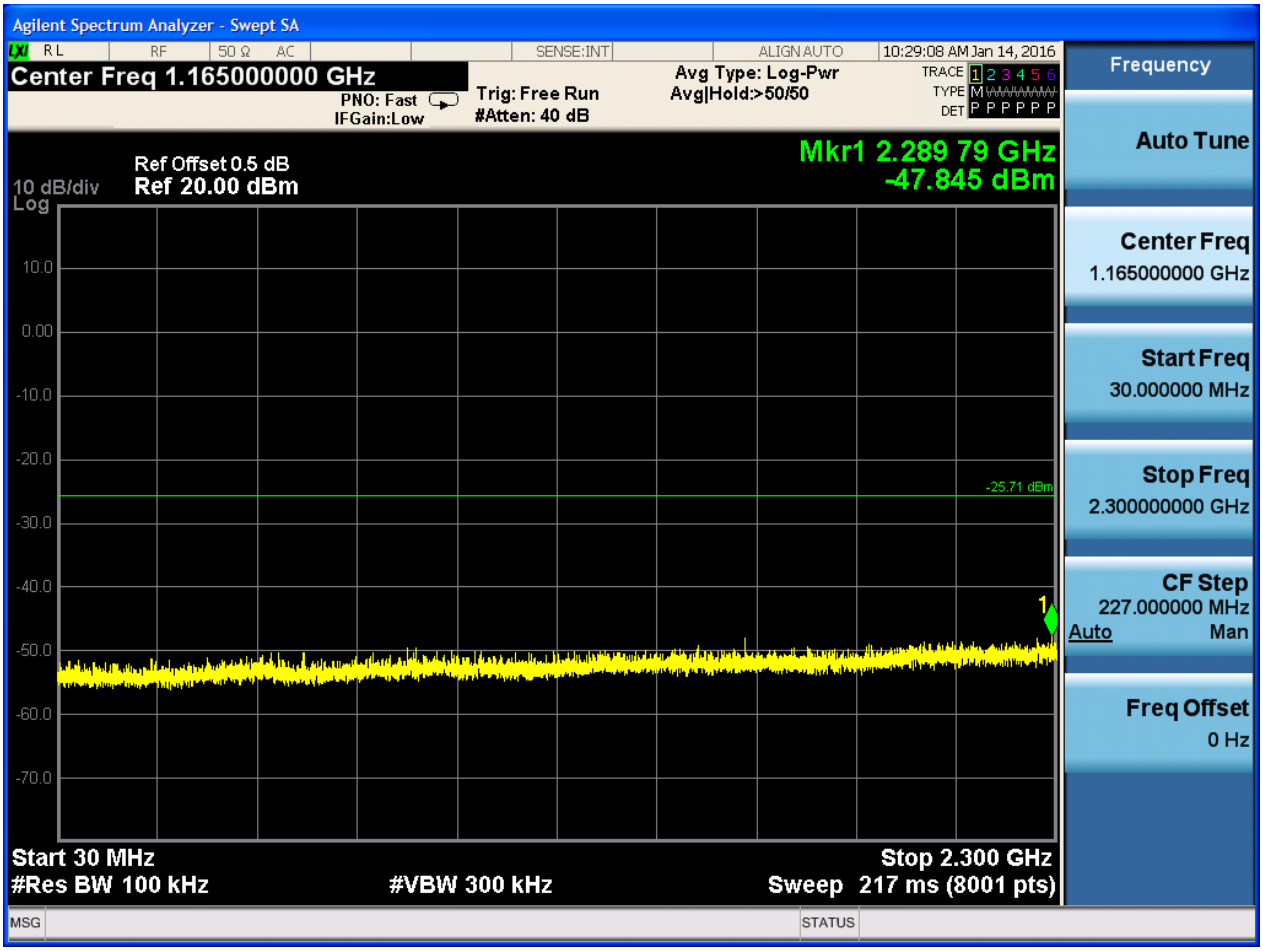

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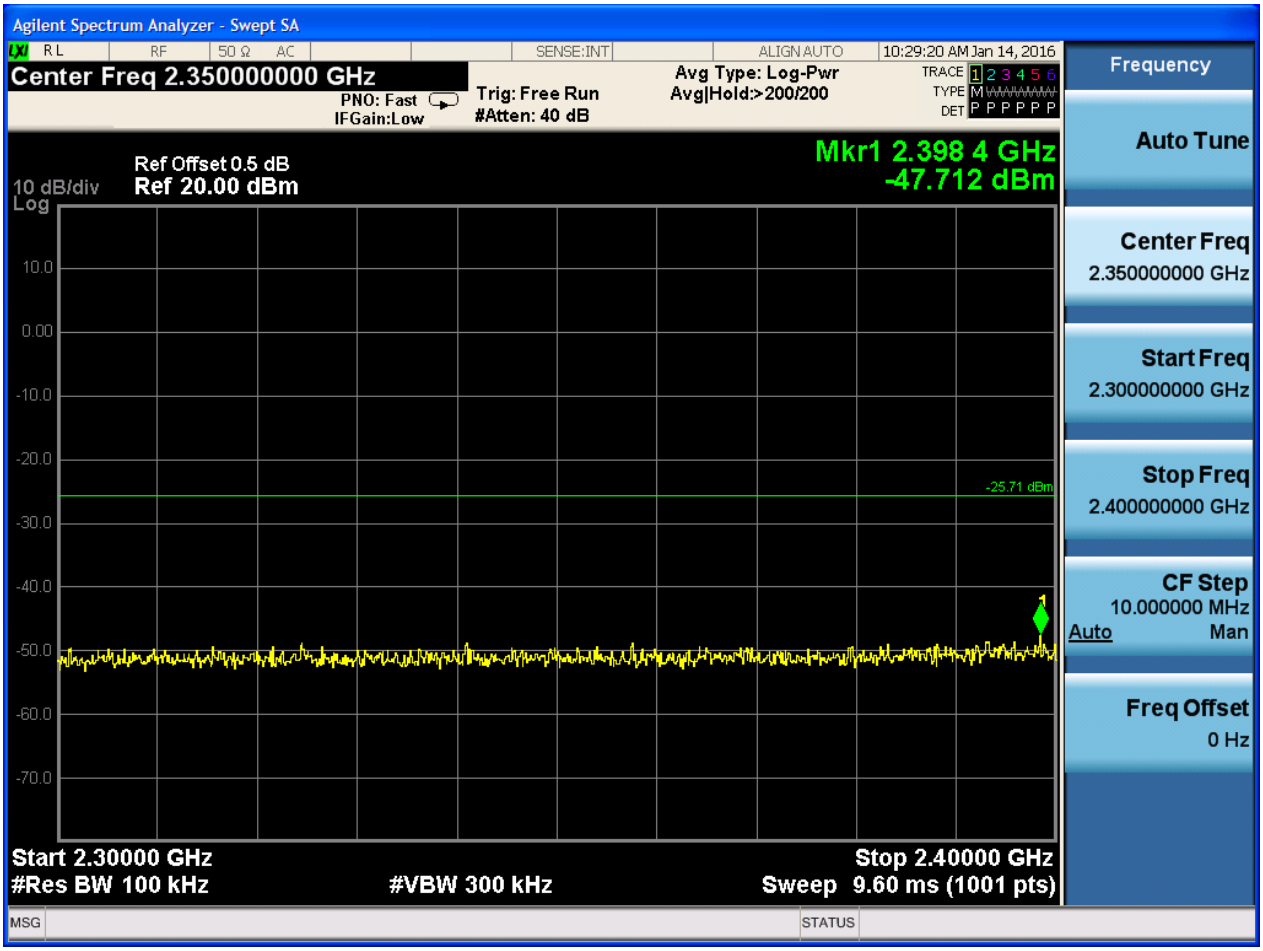

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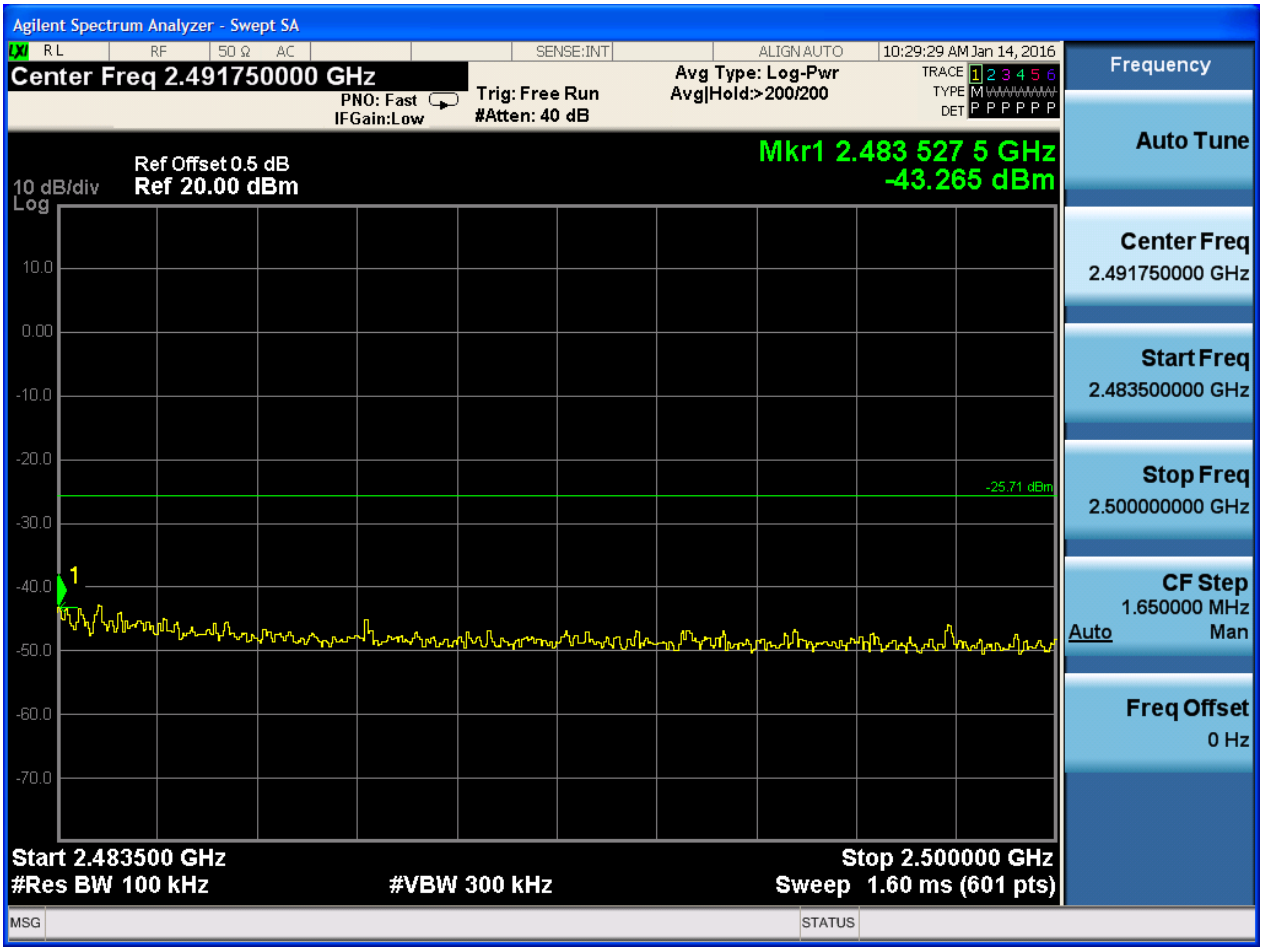

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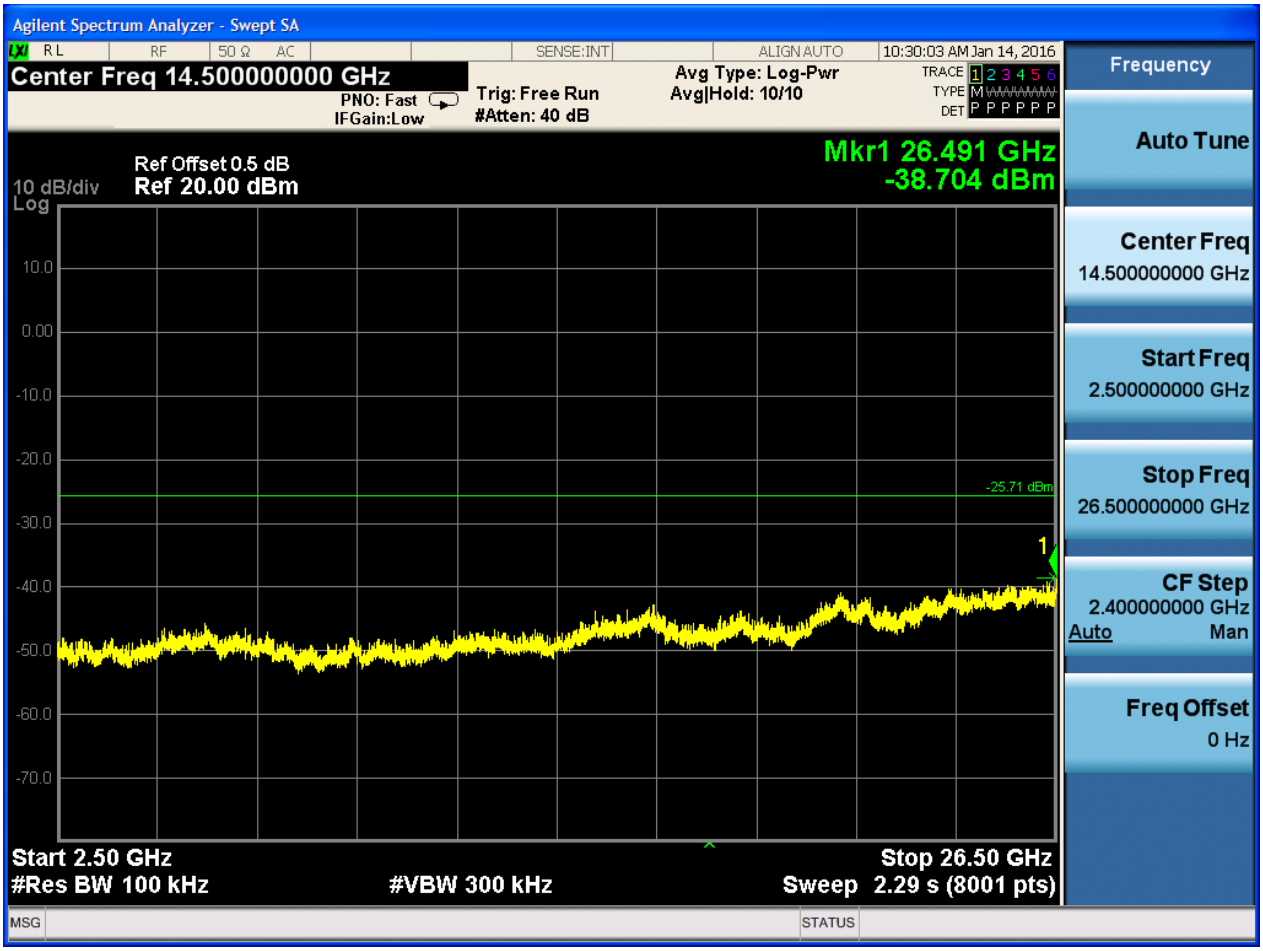

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2.19 11N40_L@Ant 1

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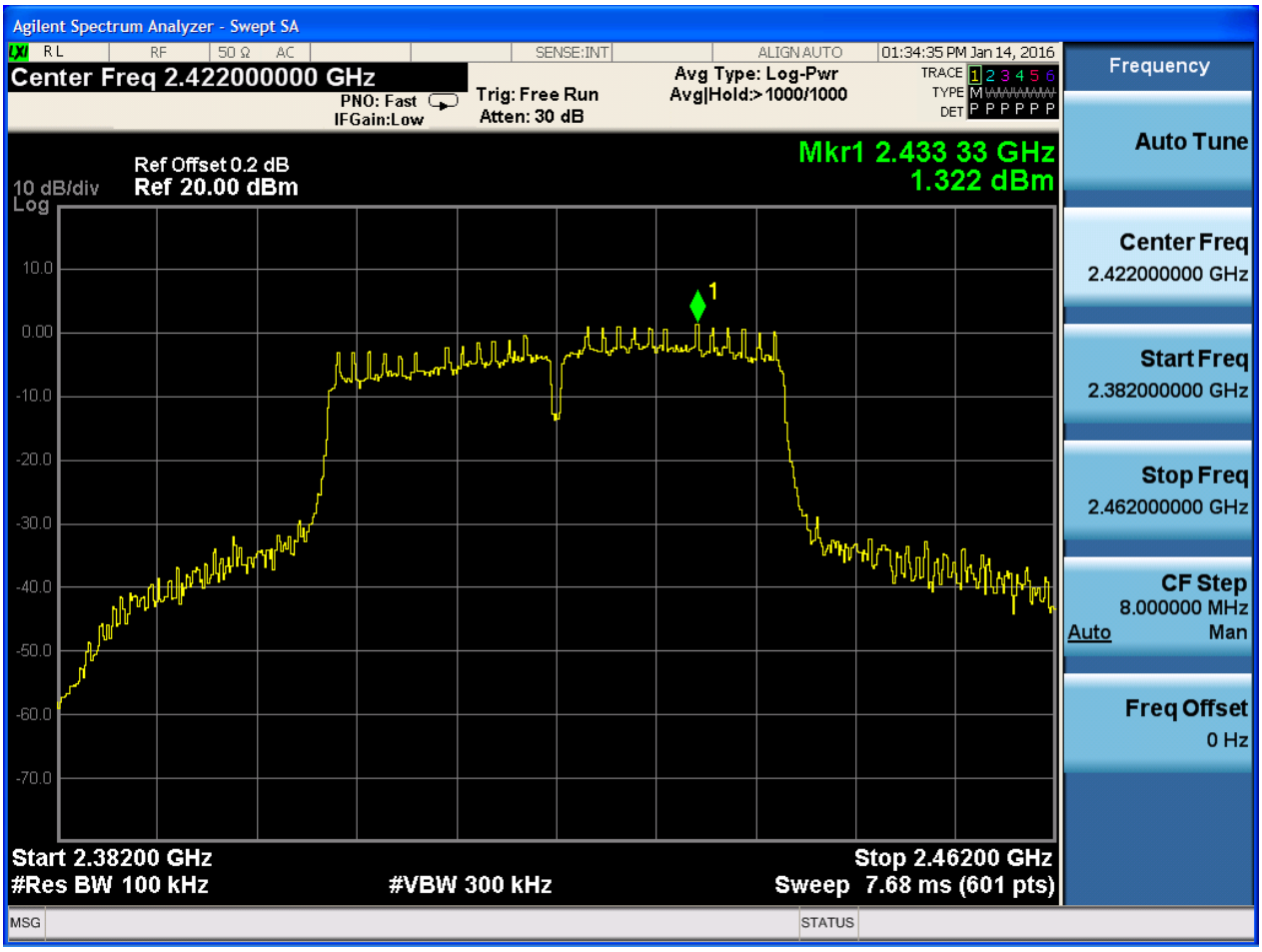

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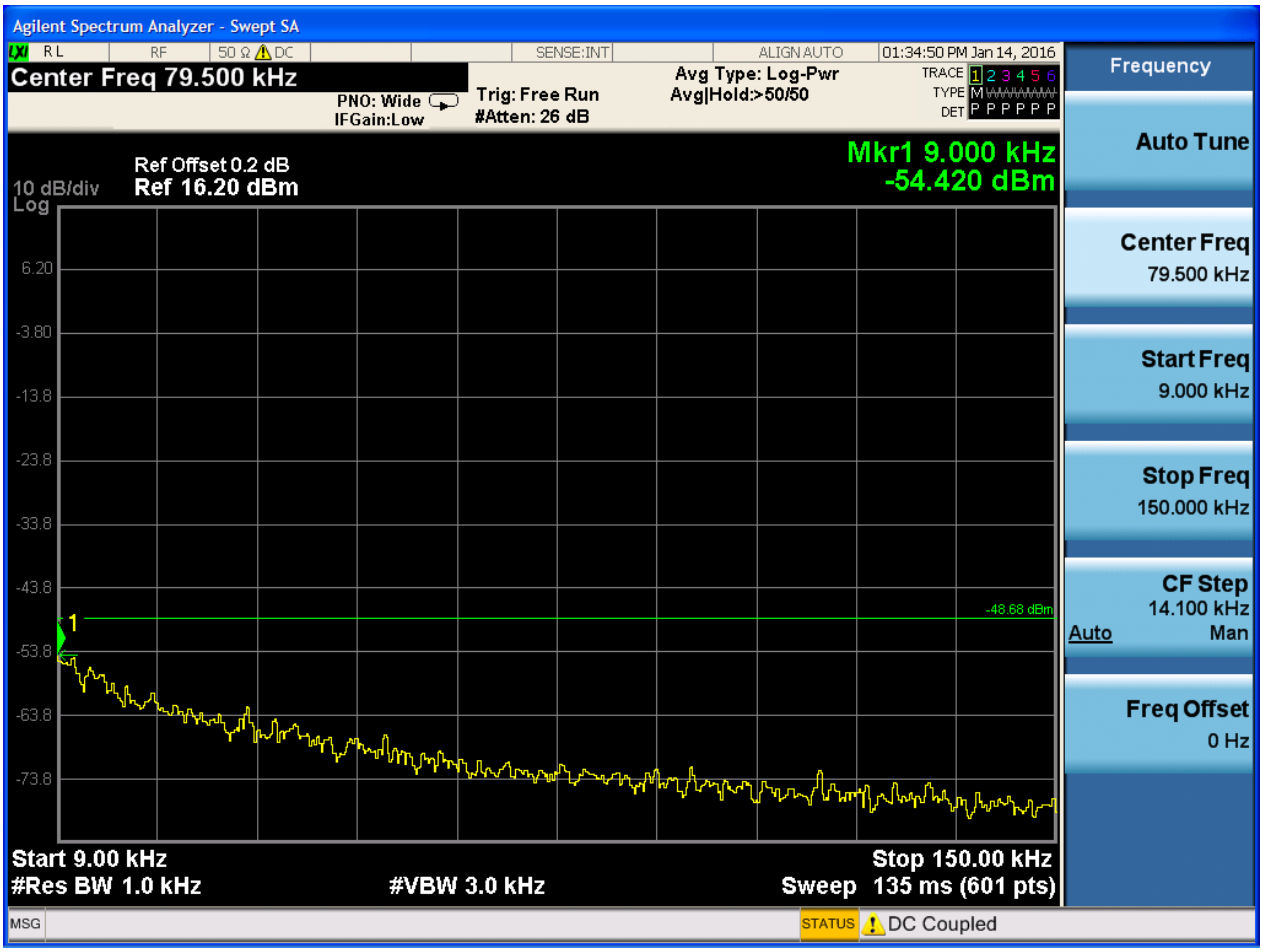

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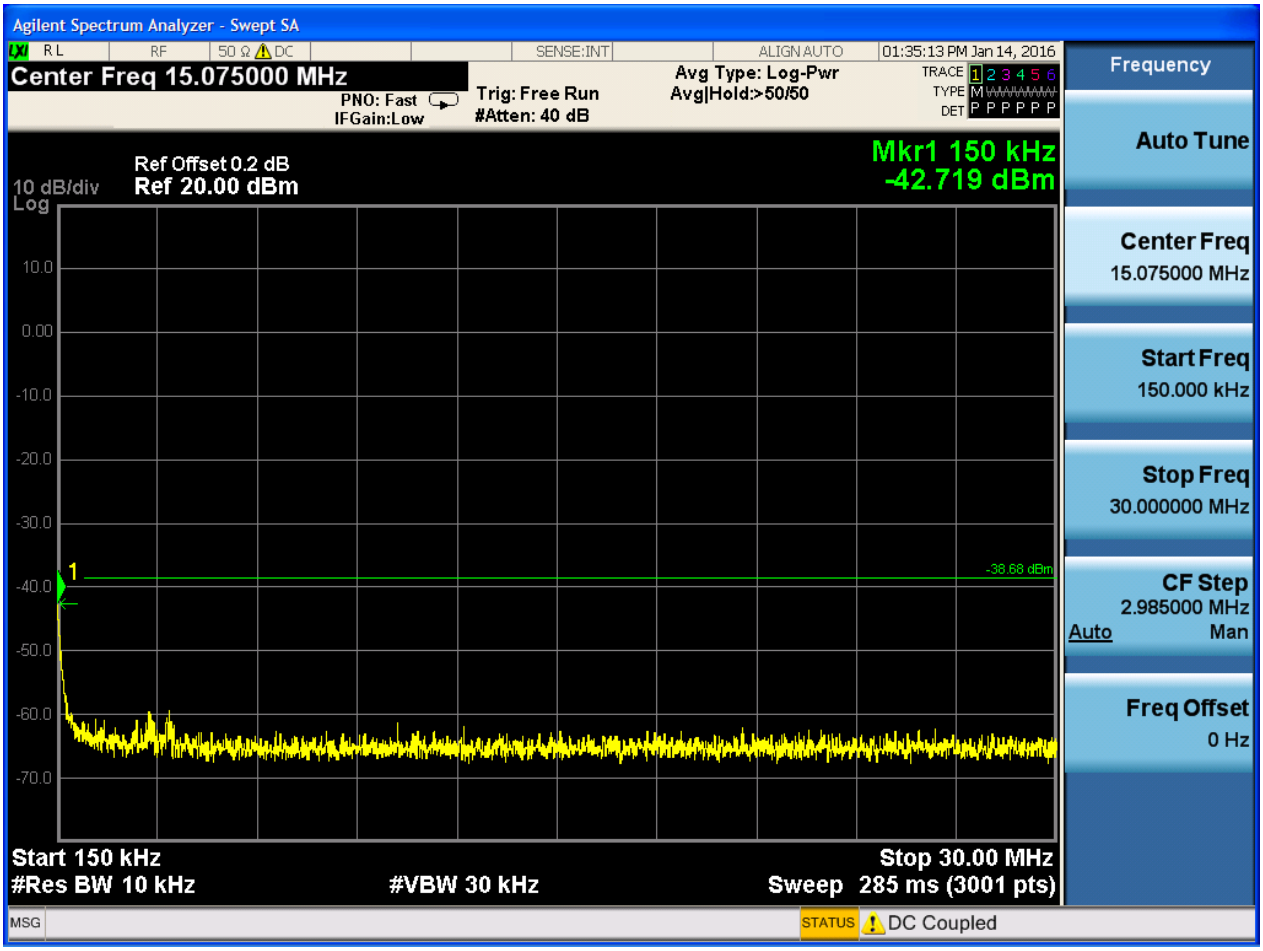

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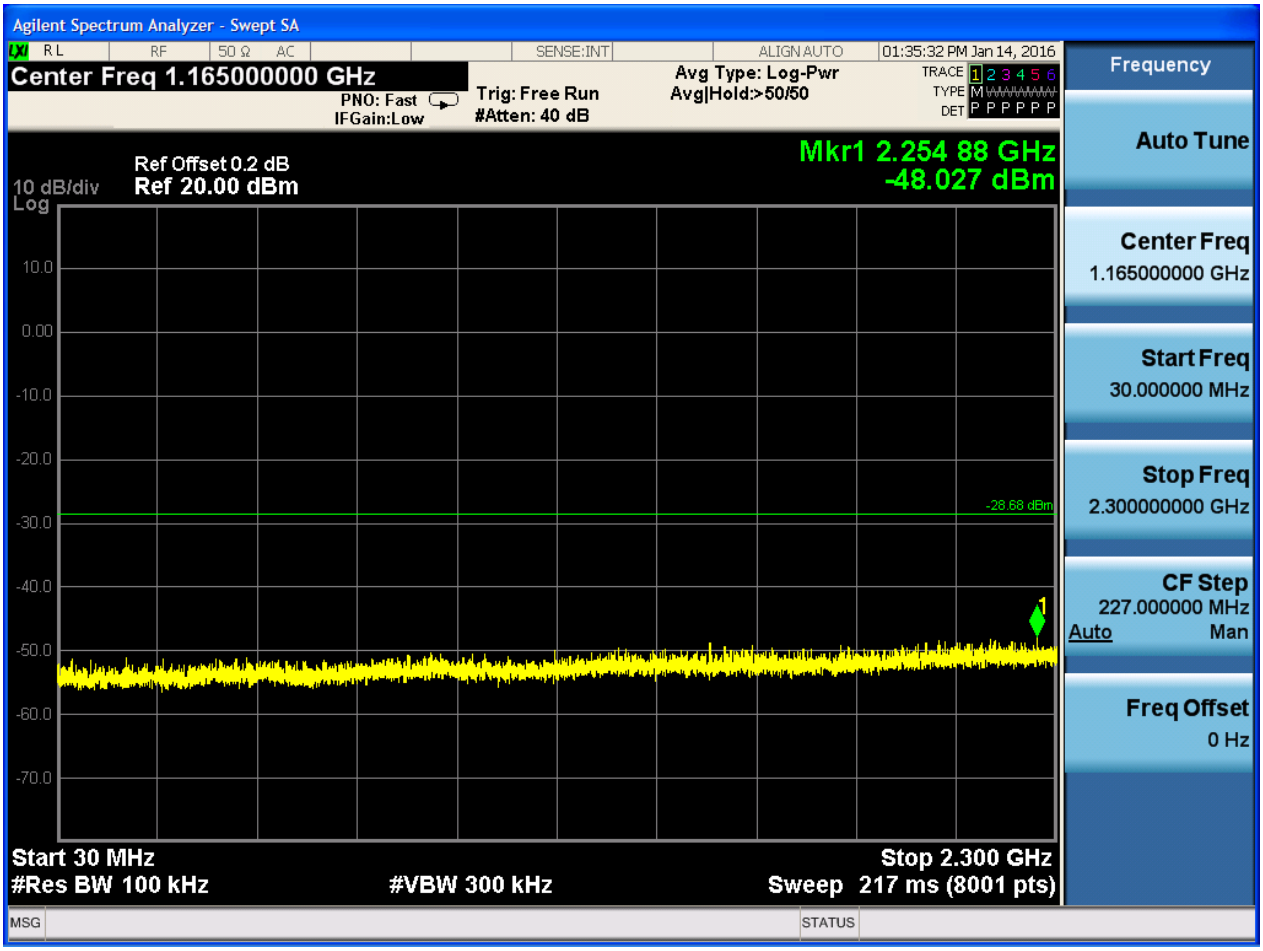

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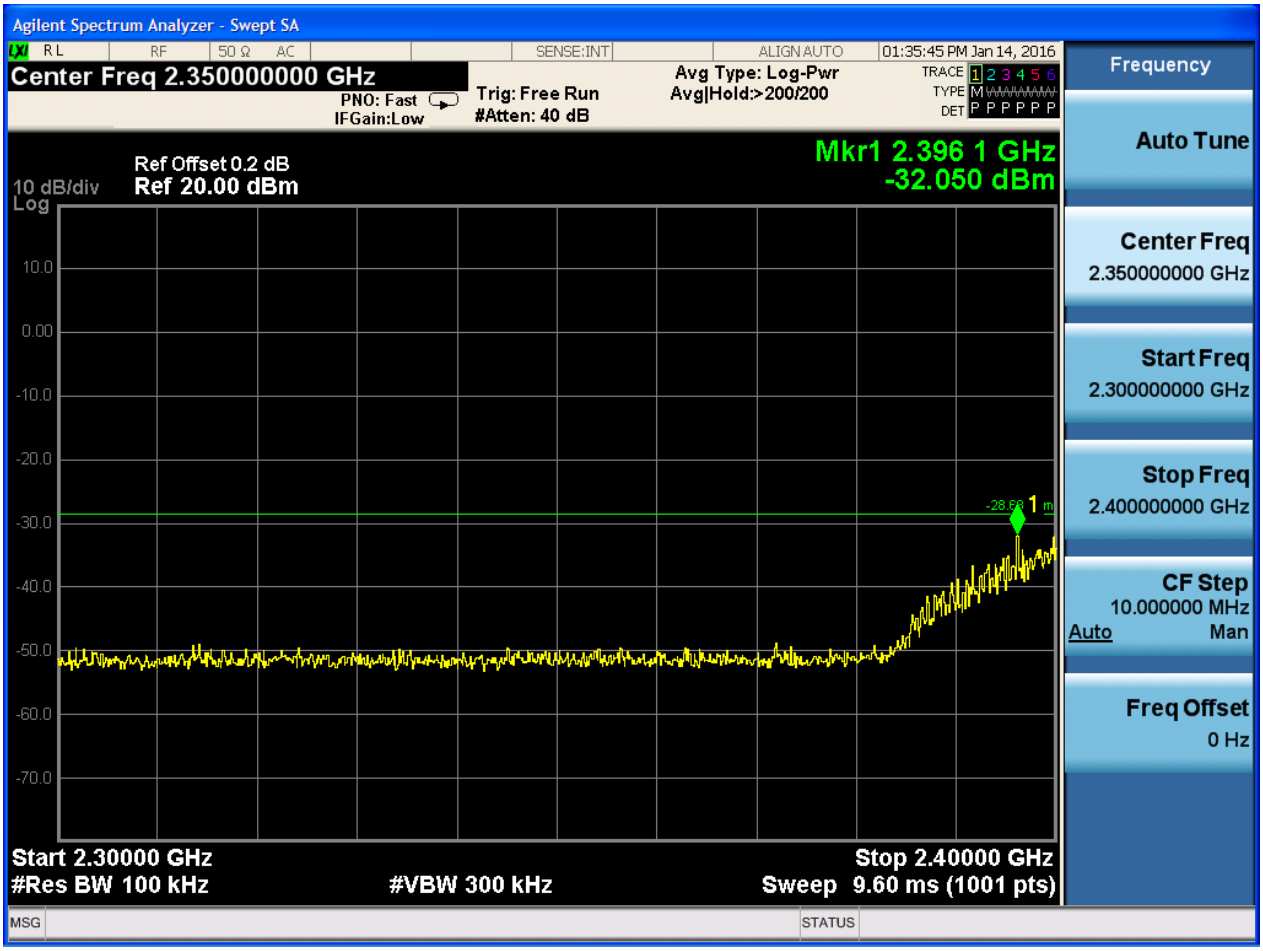

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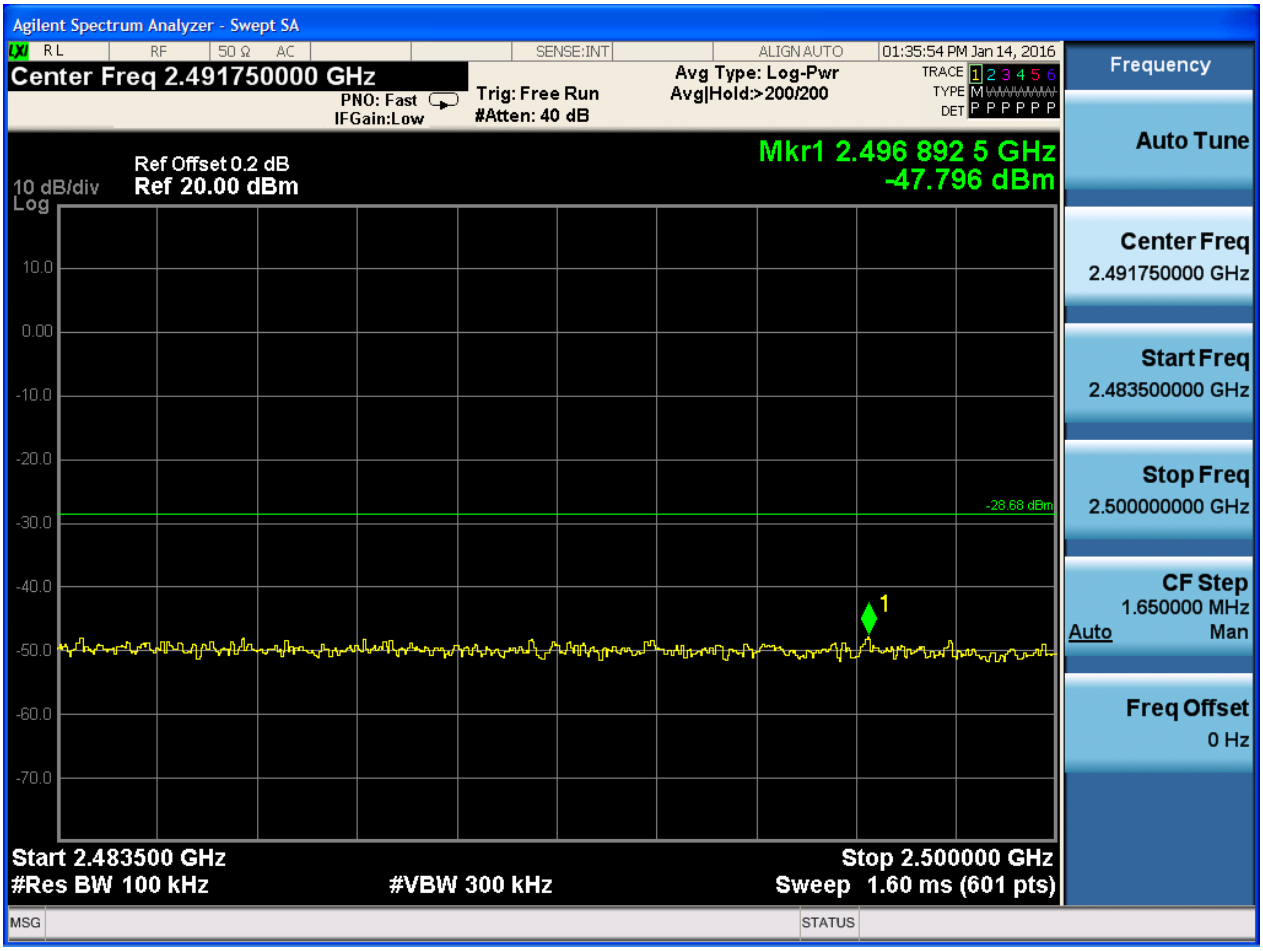

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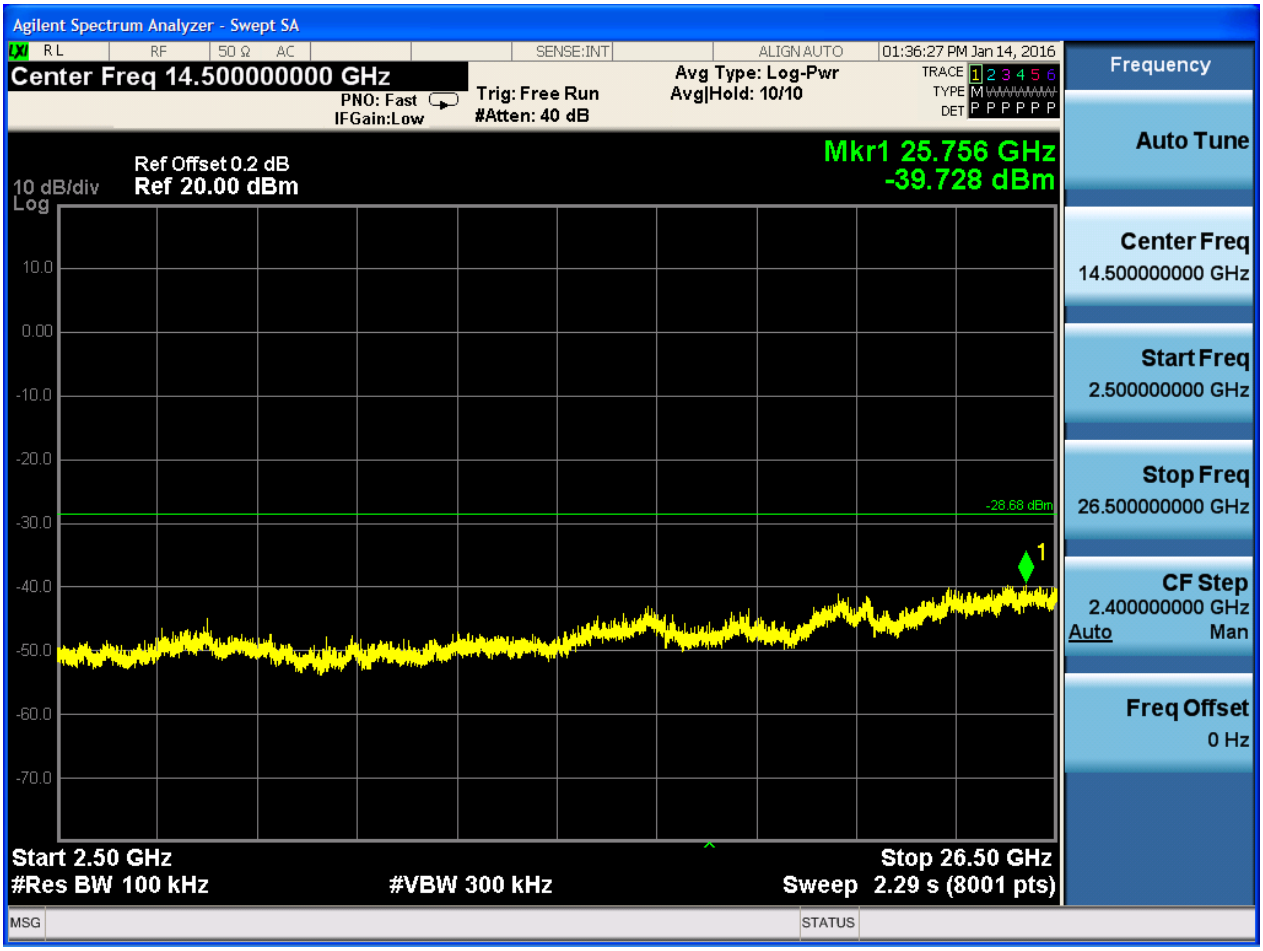

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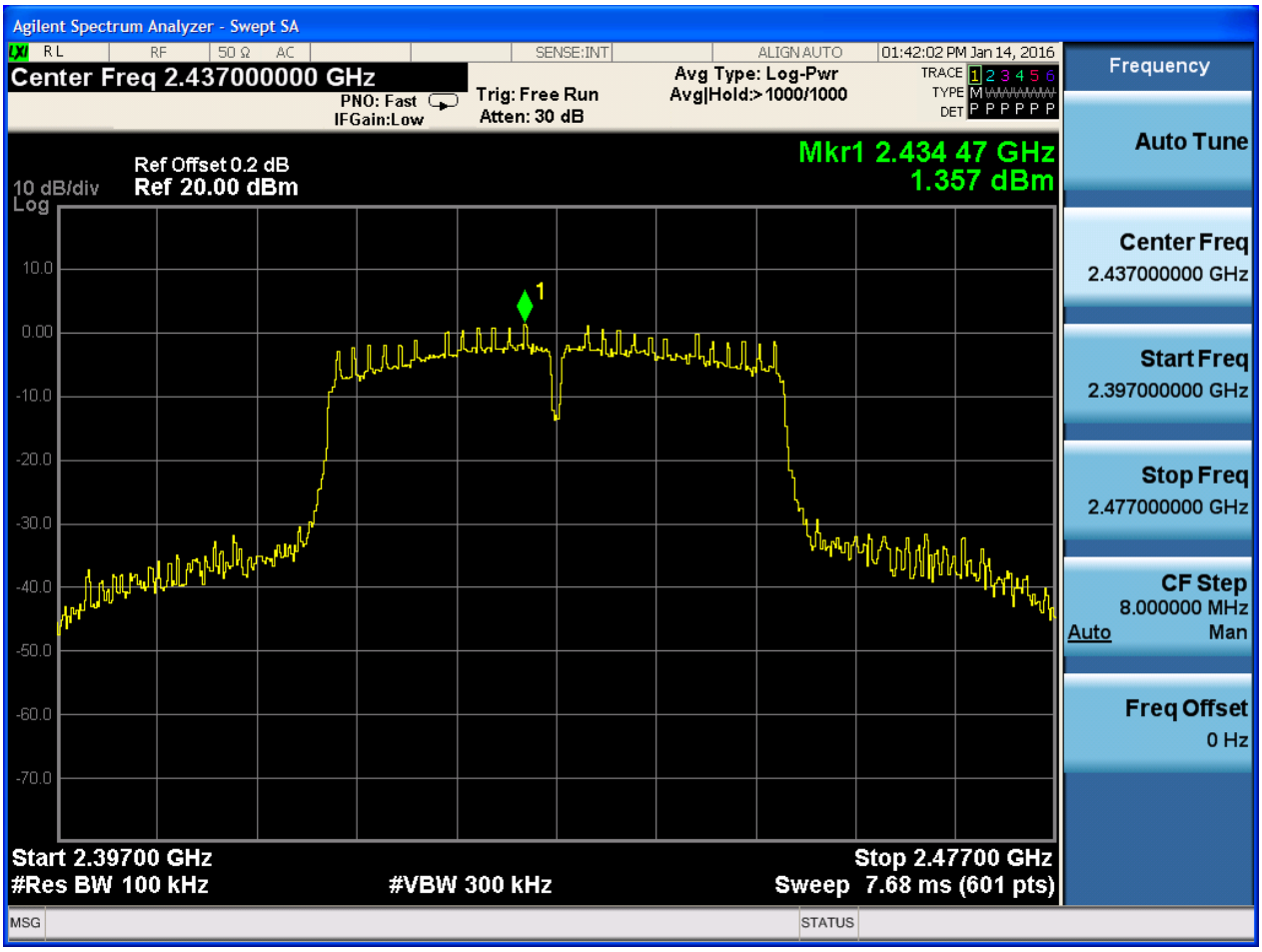

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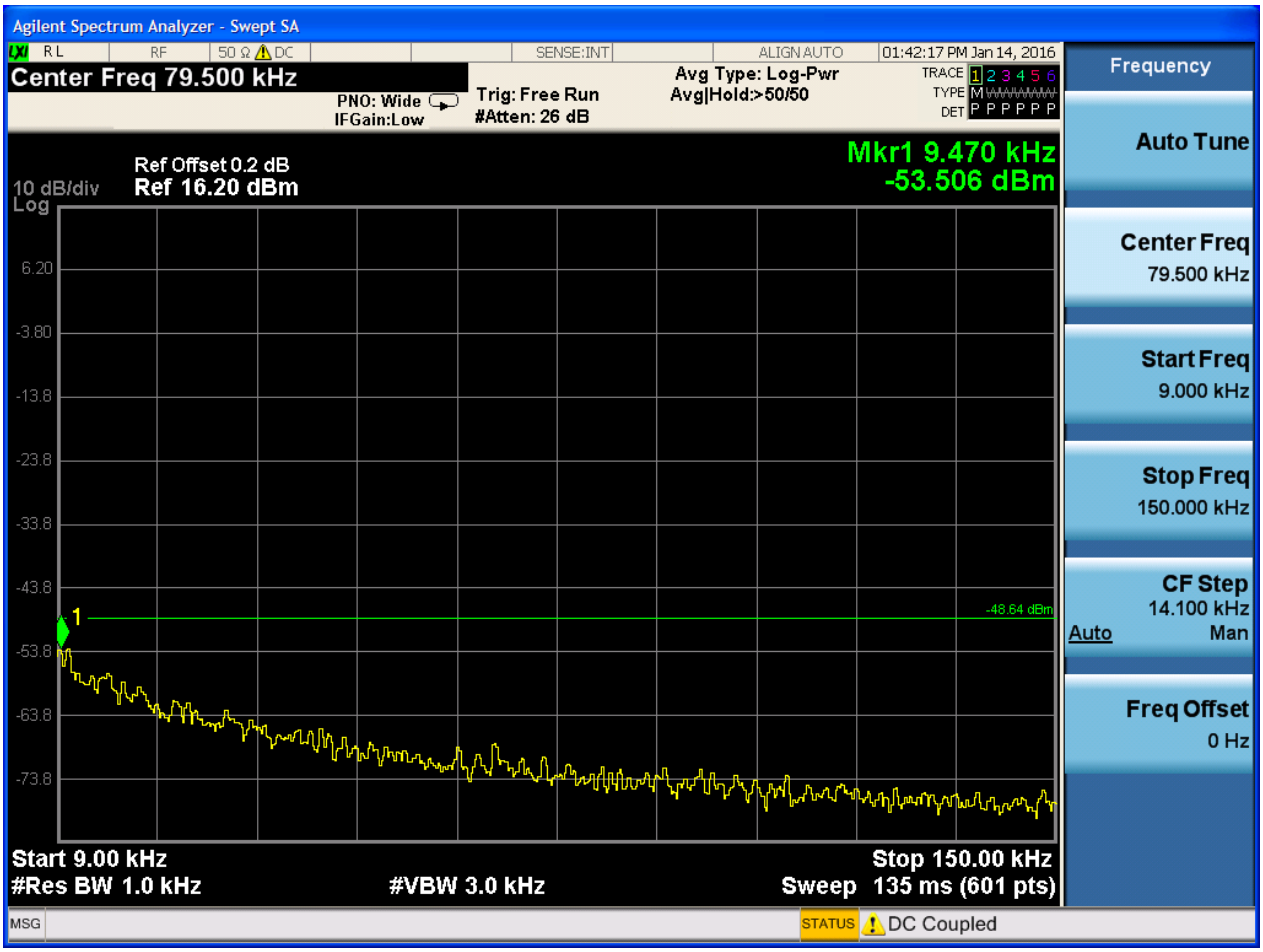

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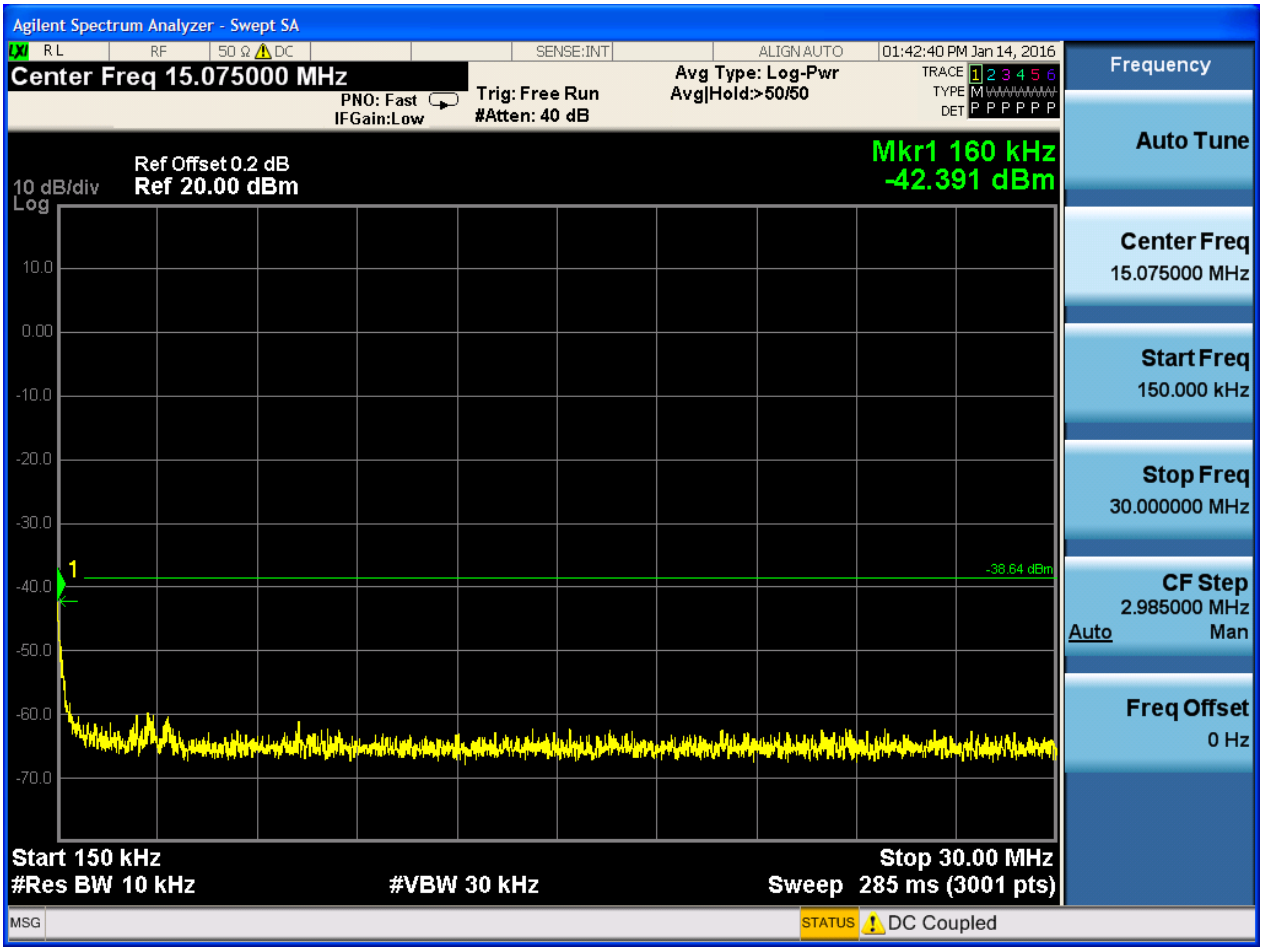

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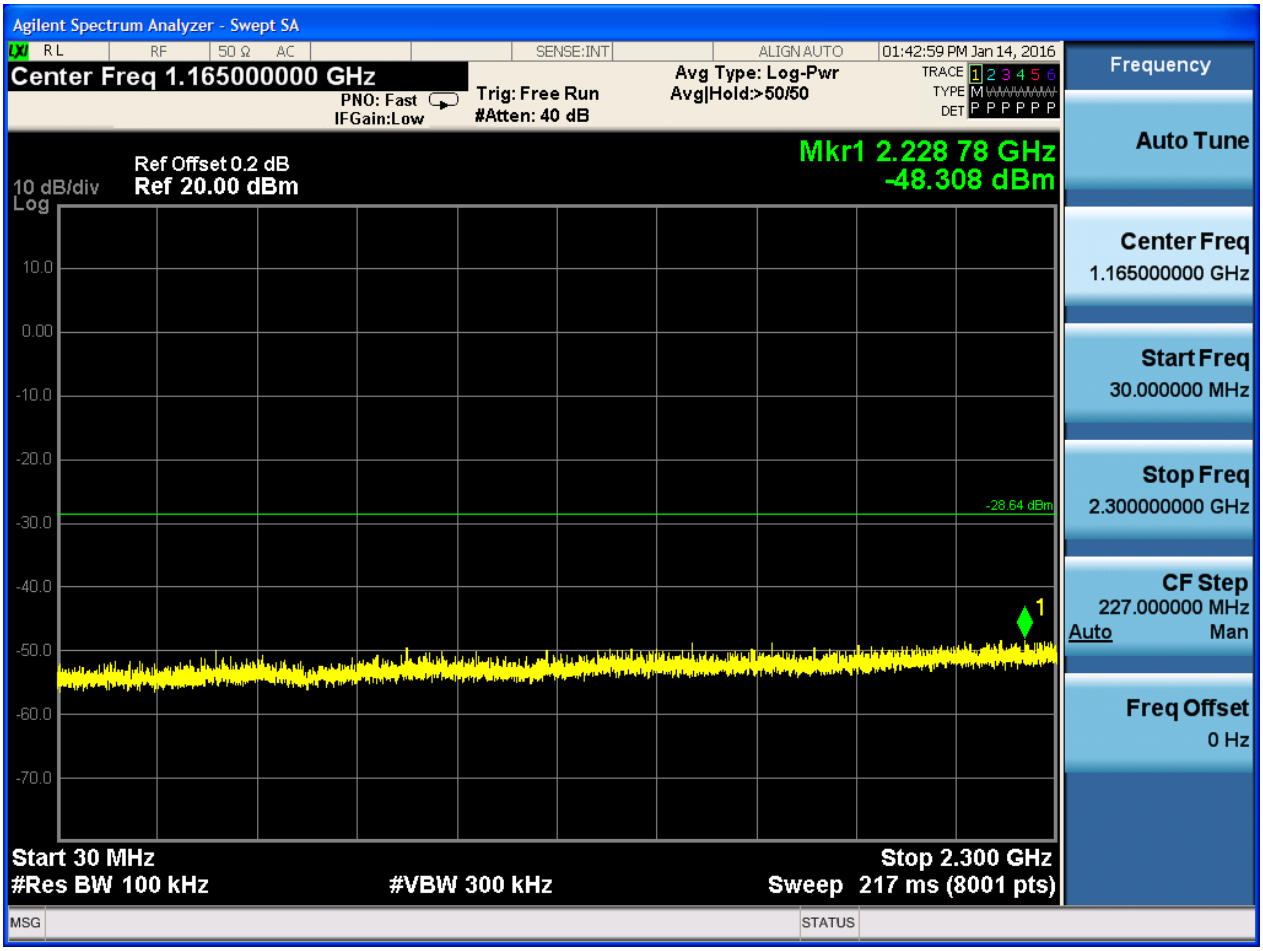

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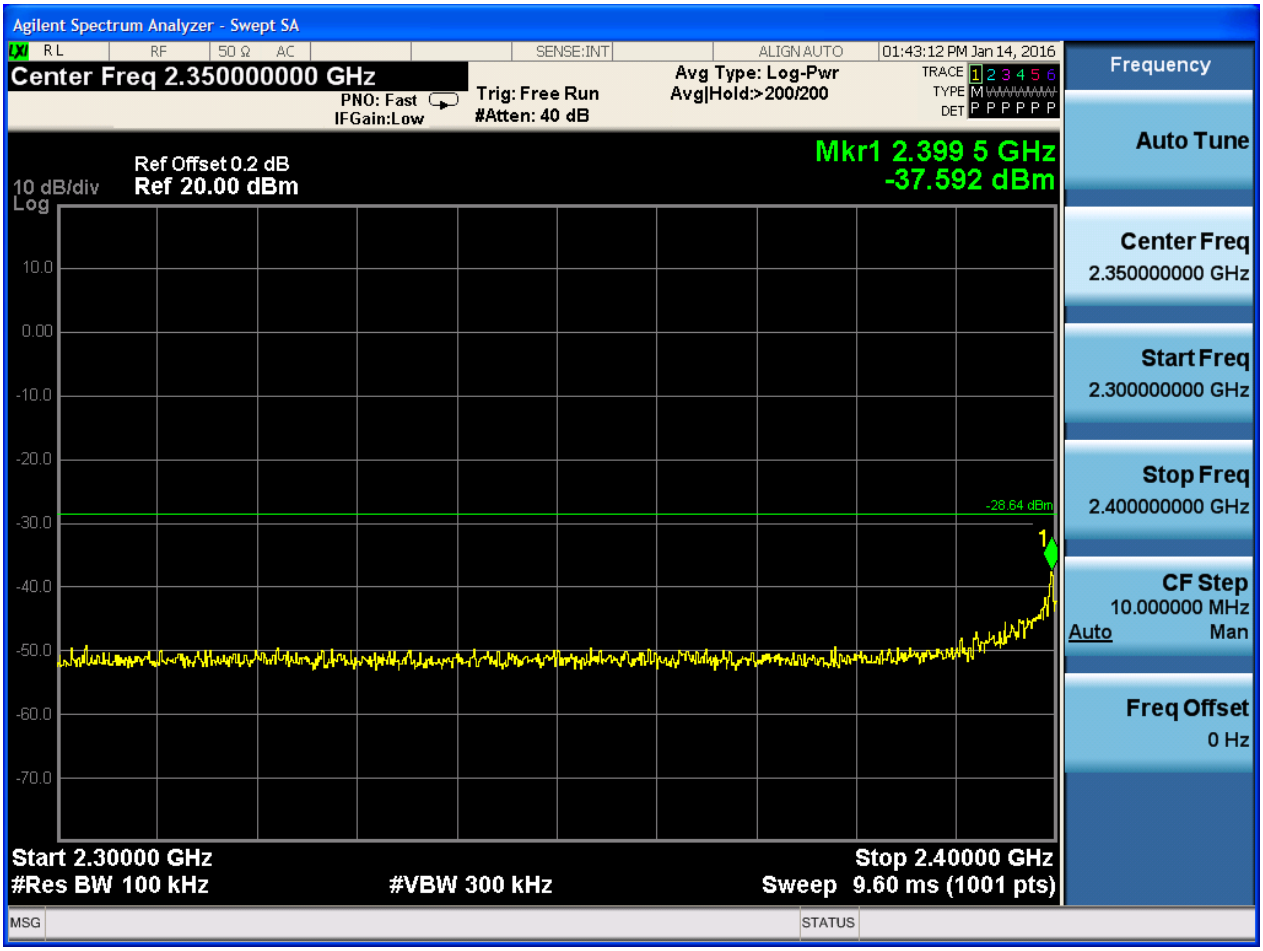

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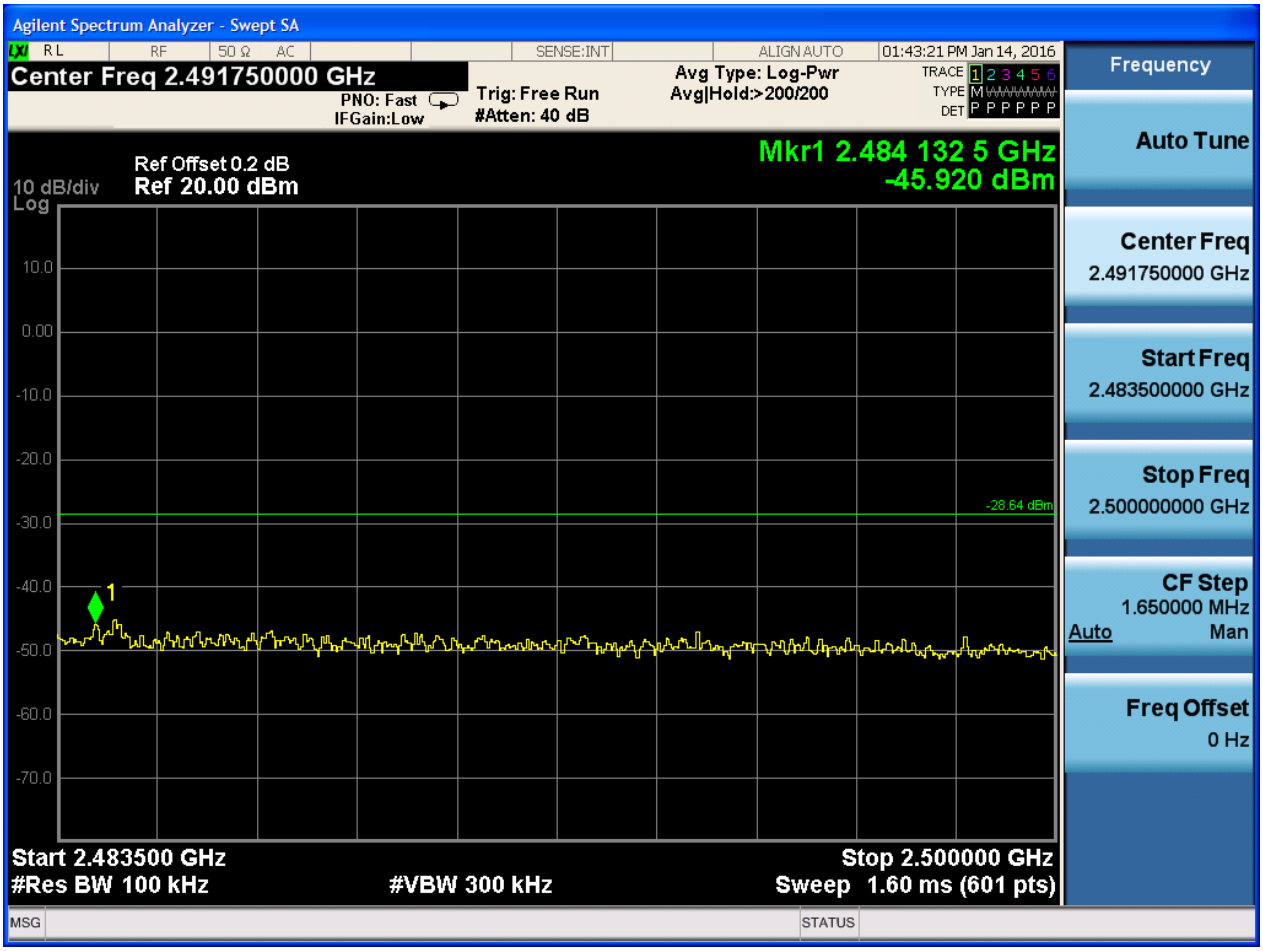

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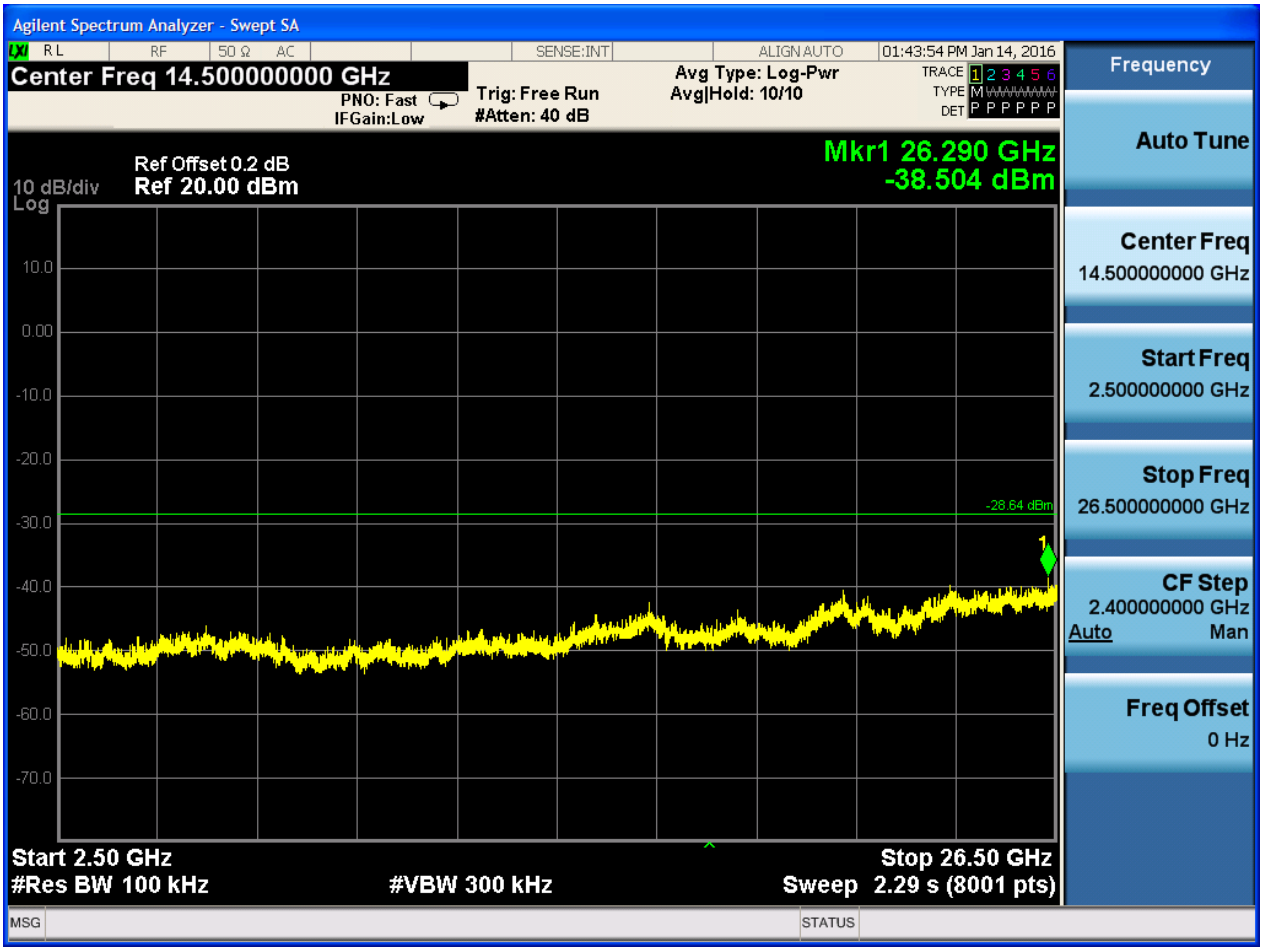

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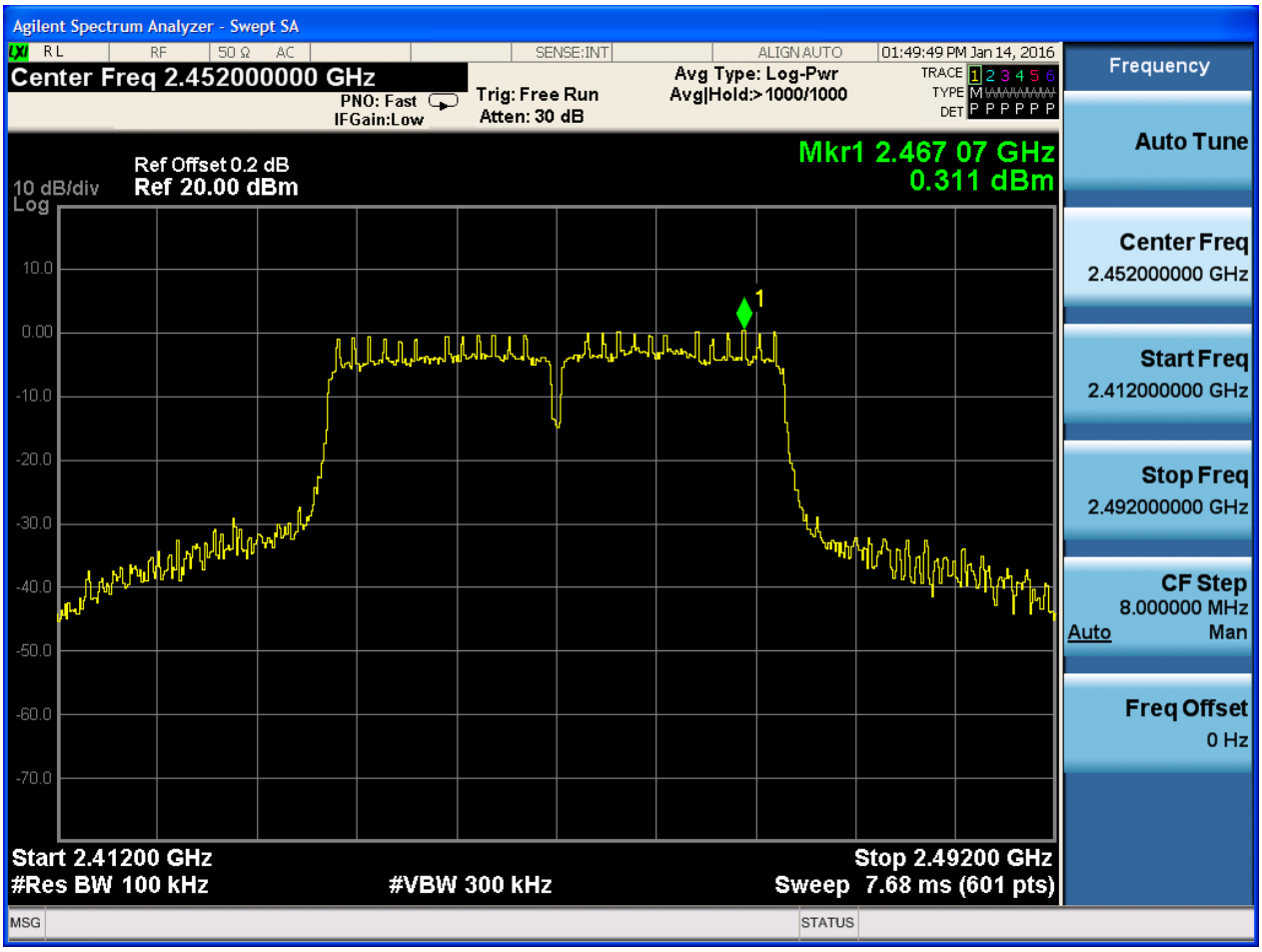

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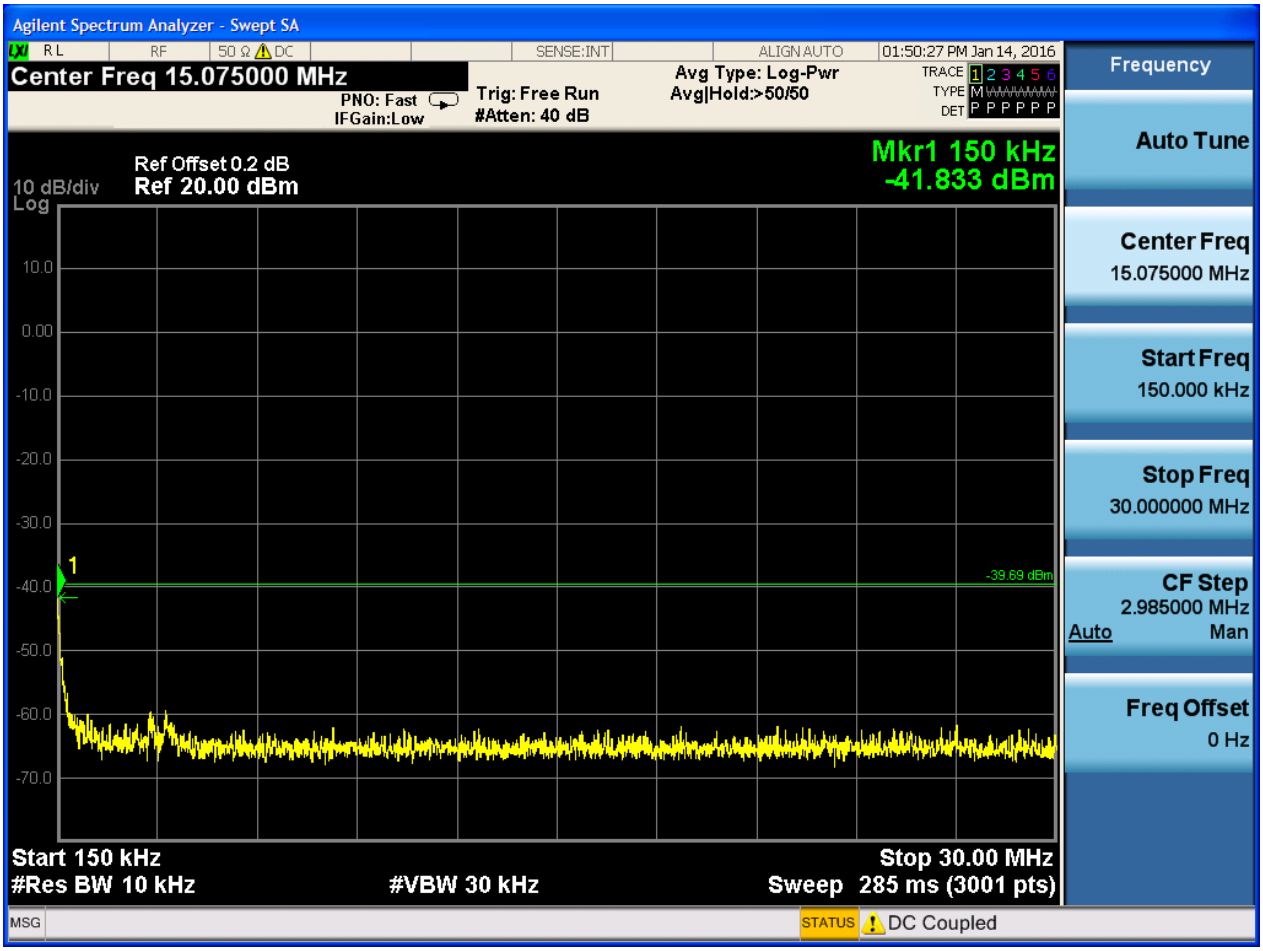

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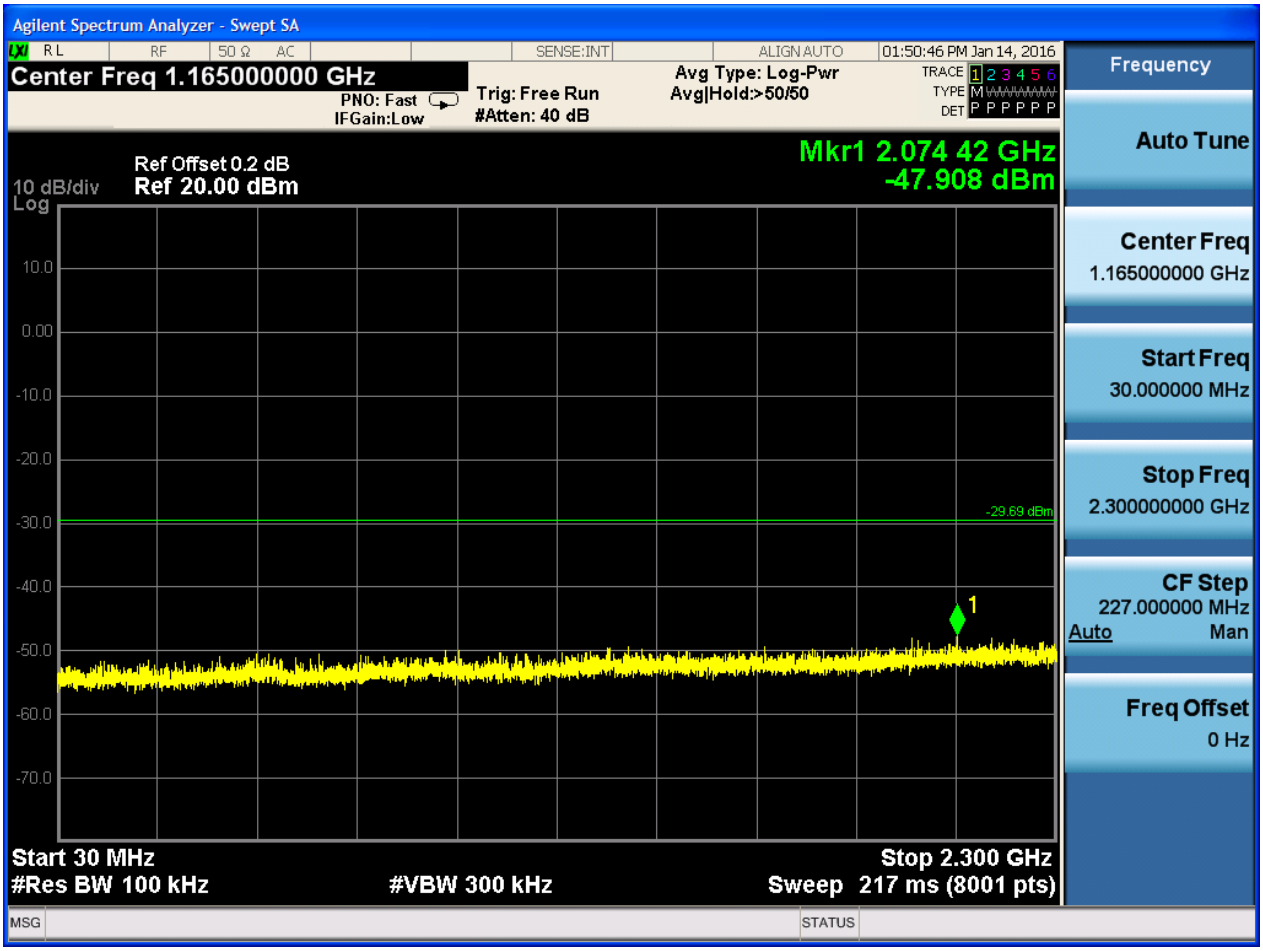

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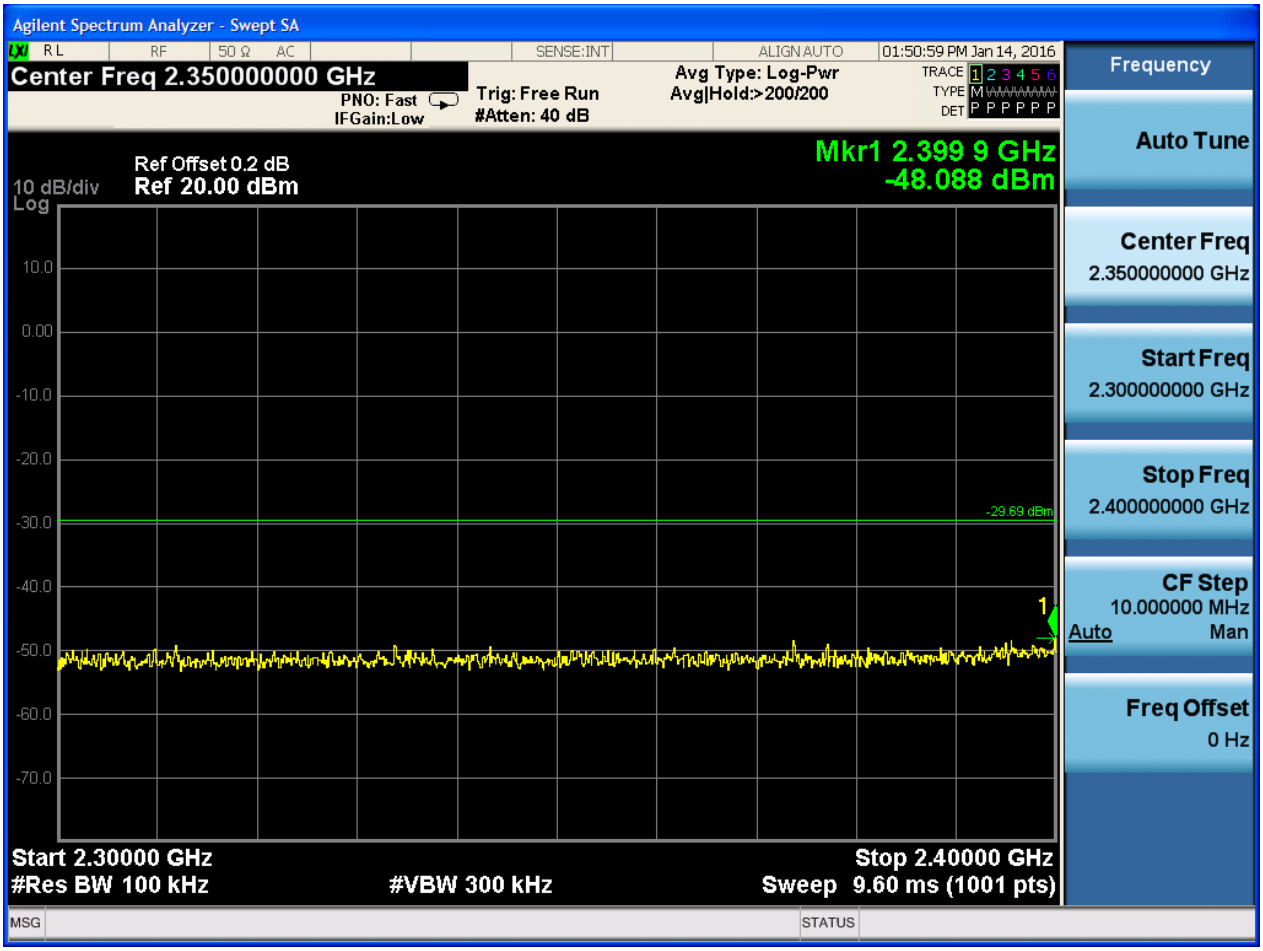

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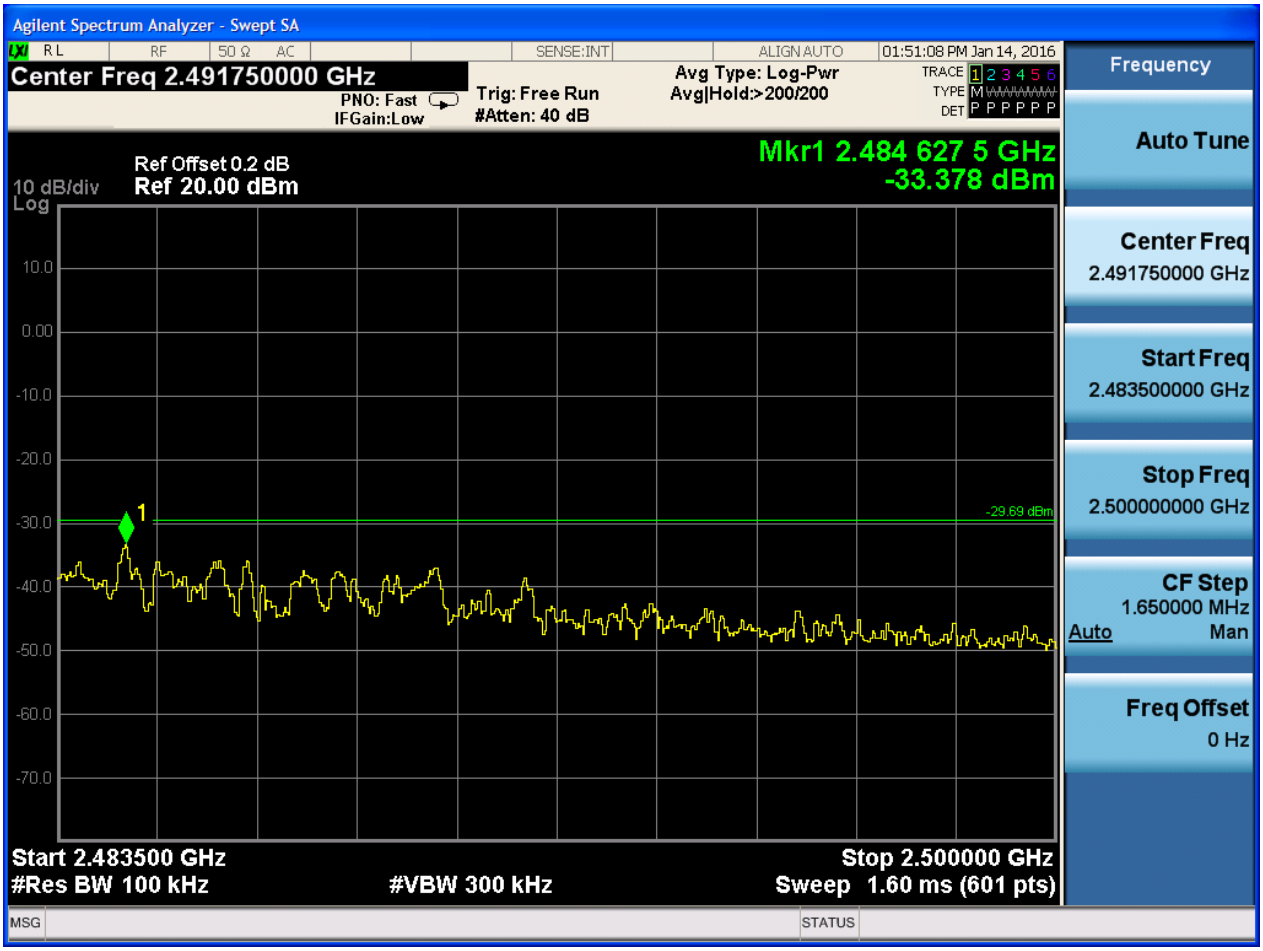

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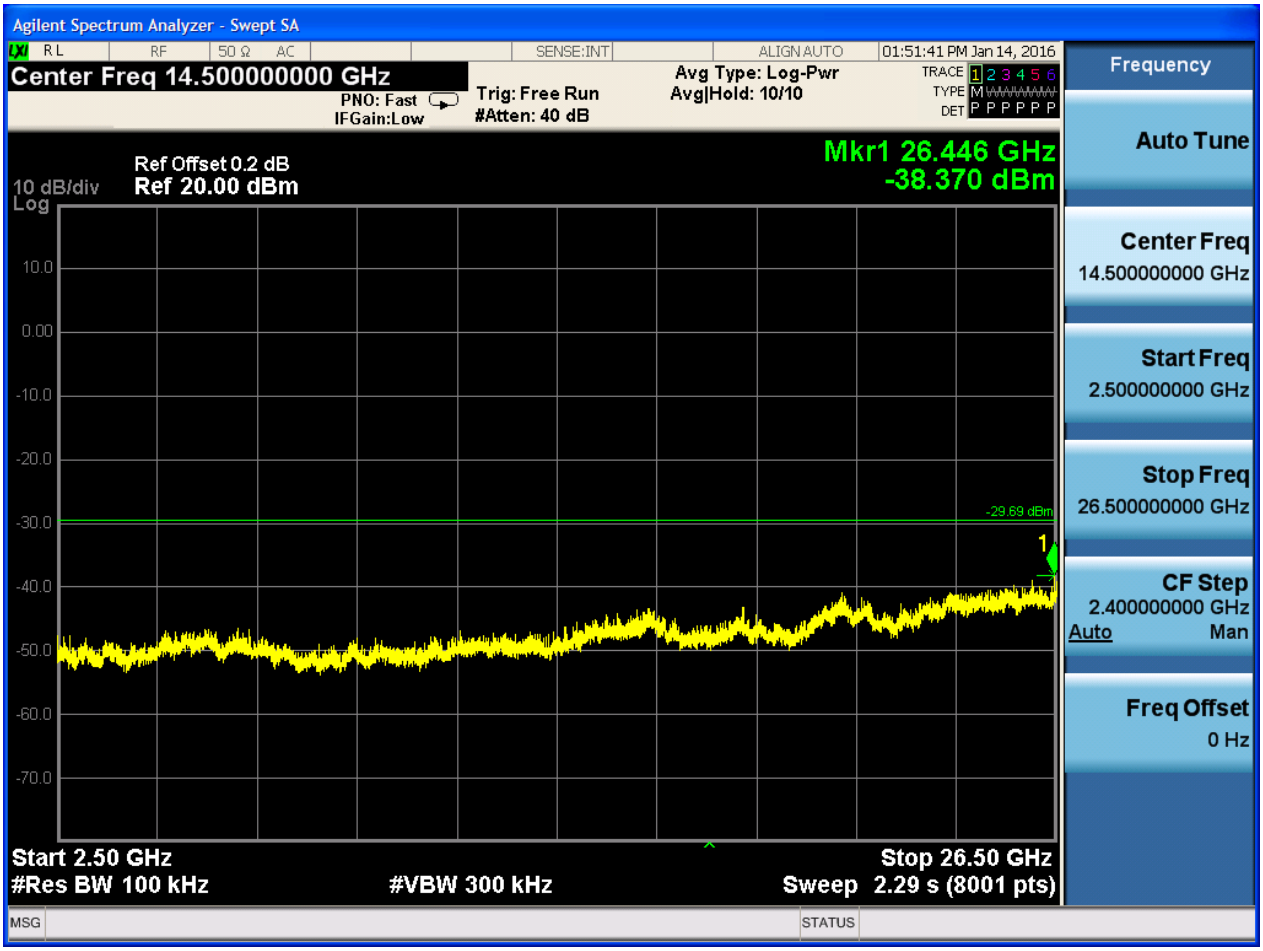

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Appendix H: Radiated Spurious Emission & Spurious in Restricted Band

Note: We tested all modes, but the data presented below is the worst case.

Below 1GHz, RBW = 100 kHz, VBW = 300 kHz.

Above 1GHz, RBW = 1 MHz, VBW = 3 MHz.

The simultaneous transmission has been considered

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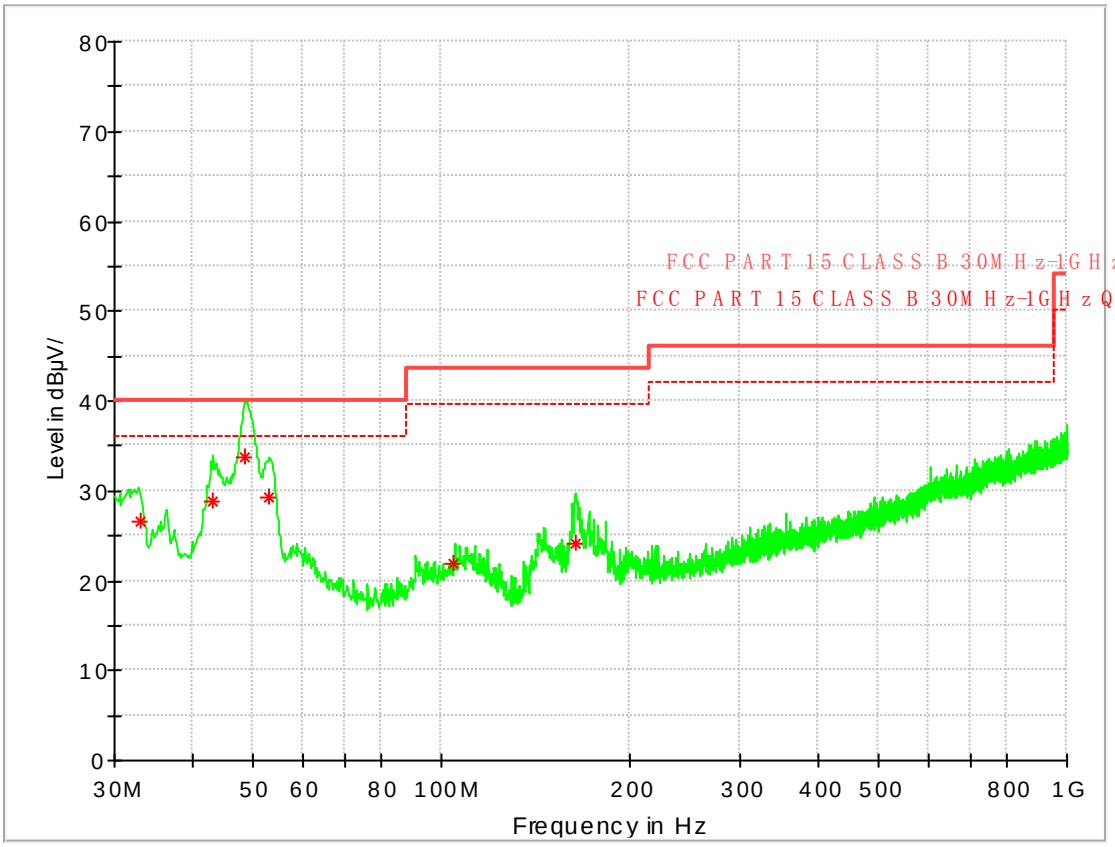
Part 1: Testing Range of "9 kHz to 30MHz"

NOTE1: No peak found in the Test Range of "9 kHz to 30MHz"

Part 2: Testing Range of "30 MHz to 1 GHz"

Note 1: The test results and plot for testing range of "30 MHz to 1 GHz" showed as below is **the WORST case for all Test Modes and Channels**. This range will not be presented for each Test Mode and each Channel.

Note 2: **The emissions in this range are mainly from the Platform Device (Notepad PC and its ancillary components).**



Frequency (MHz)	QuasiPeak (dBµ V/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµ
32.966320	26.64	137.0	V	228.0	14.8	13.36	40.00
42.950160	28.87	100.0	V	325.0	15.2	11.13	40.00
48.641680	33.71	100.0	V	336.0	15.1	6.29	40.00
52.907120	29.38	100.0	V	285.0	14.9	10.62	40.00
104.79480	21.92	200.0	V	-2.0	13.7	21.58	43.50
163.46496	24.17	100.0	V	278.0	10.6	19.33	43.50

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Part 3: Testing Range of “18 GHz to 26.5 GHz”

NOTE1: No peak found in the Test Range of “18 GHz to 26.5GHz”

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Part 4: Testing Range of "1 GHz to 3 GHz"

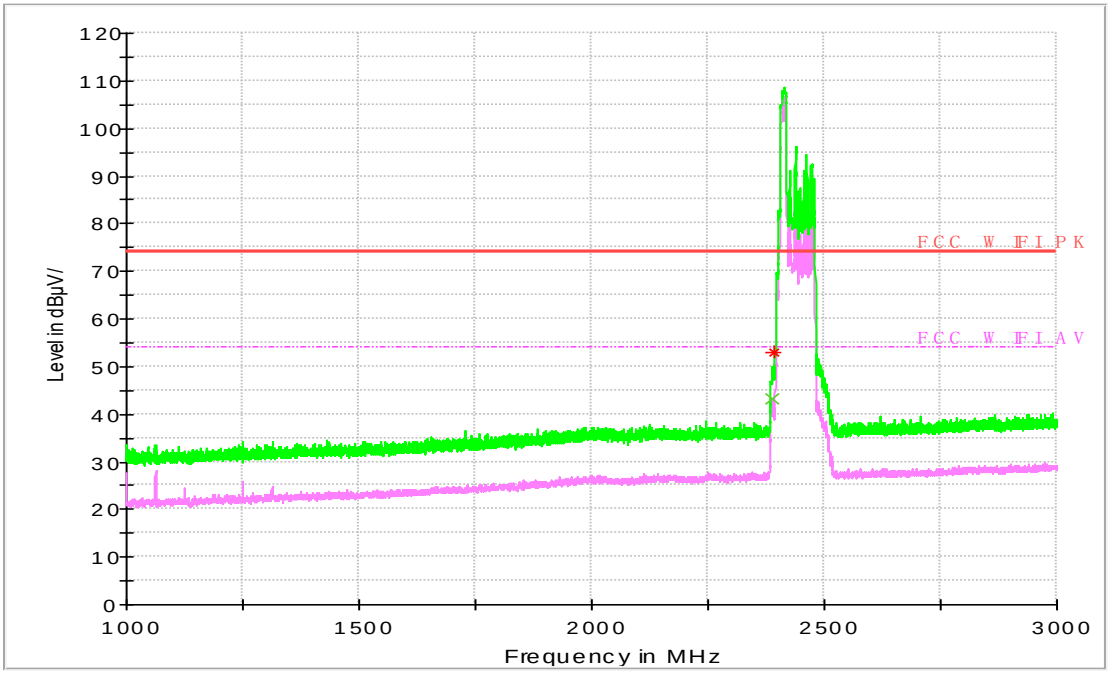
Note 1: The testing range of "1 GHz to 3 GHz" is for checking radiated emissions located in restricted bands near the EUT operating bands.

Note 2: Two limits are required in the testing range above 1 GHz, that is Peak limit (74 dBµV/m) and Average Limit (54 dBµV/m).

Note 3: The peak spike exceeds the limit line is EUT's operating frequency.

Test Mode: 11b

Channel 1



Note: The peak exceeds the limit line is carrier frequency.

MEASUREMENT RESULT: PK/ AV Detector

Frequency (MHz)	MaxPeak (dBµ V/m)	Average (dBµ V/m)	Limit (dBµ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2390.00000	---	43.26	54.00	-10.74	100.0	H	292.0	-8.3
2390.00000	52.84	---	74.00	-21.16	100.0	H	297.0	-7.7

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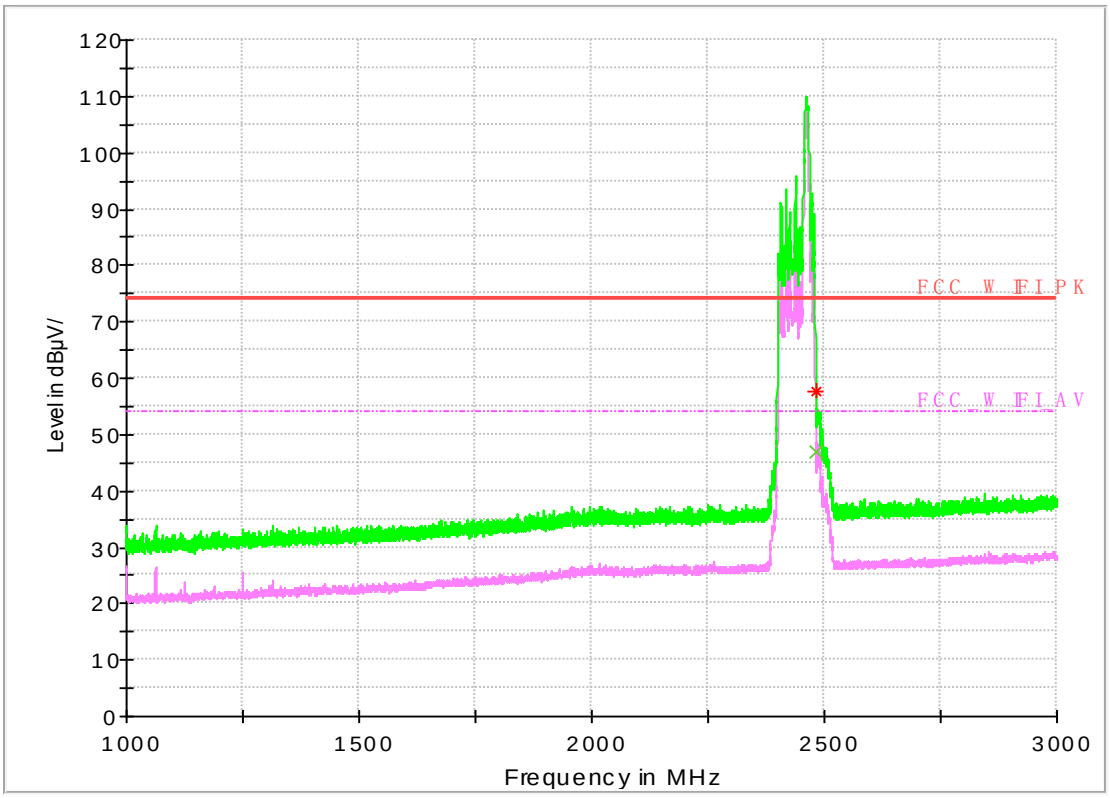
Channel 11



Note: The peak exceeds the limit line is carrier frequency.

MEASUREMENT RESULT: PK/ AV Detector

Frequency (MHz)	MaxPeak (dBµ V/m)	Average (dBµ V/m)	Limit (dBµ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2483.500000	57.77	---	74.00	-16.23	100.0	H	294.0	-1.9
2483.500000	---	47.08	54.00	-6.92	100.0	H	293.0	-2.1

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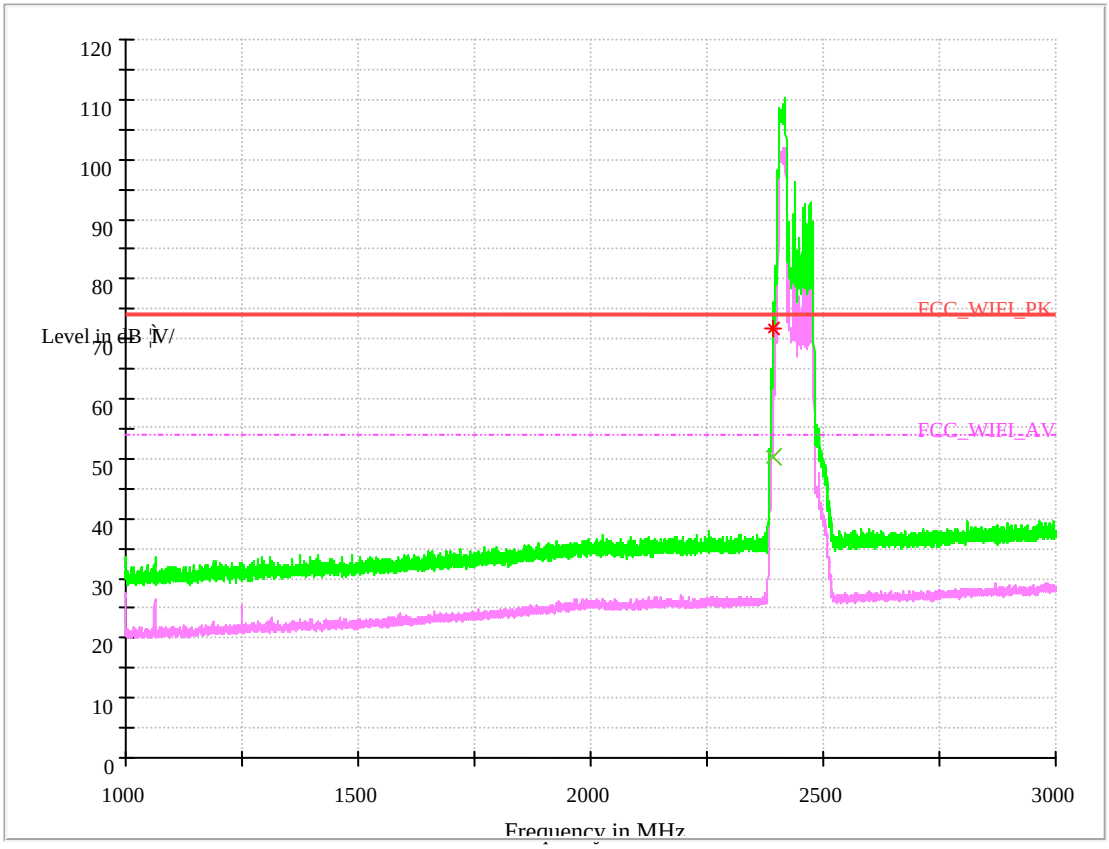
Test Mode: 11g

Channel 1



Note: The peak exceeds the limit line is carrier frequency.

MEASUREMENT RESULT: PK/ AV Detector

Frequency (MHz)	MaxPeak (dBµ V/m)	Average (dBµ V/m)	Limit (dBµ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2390.000000	69.77	---	74.00	-4.23	100.0	H	-9.0	-7.5
2390.000000	---	49.22	54.00	-4.78	100.0	H	-5.0	-7.4

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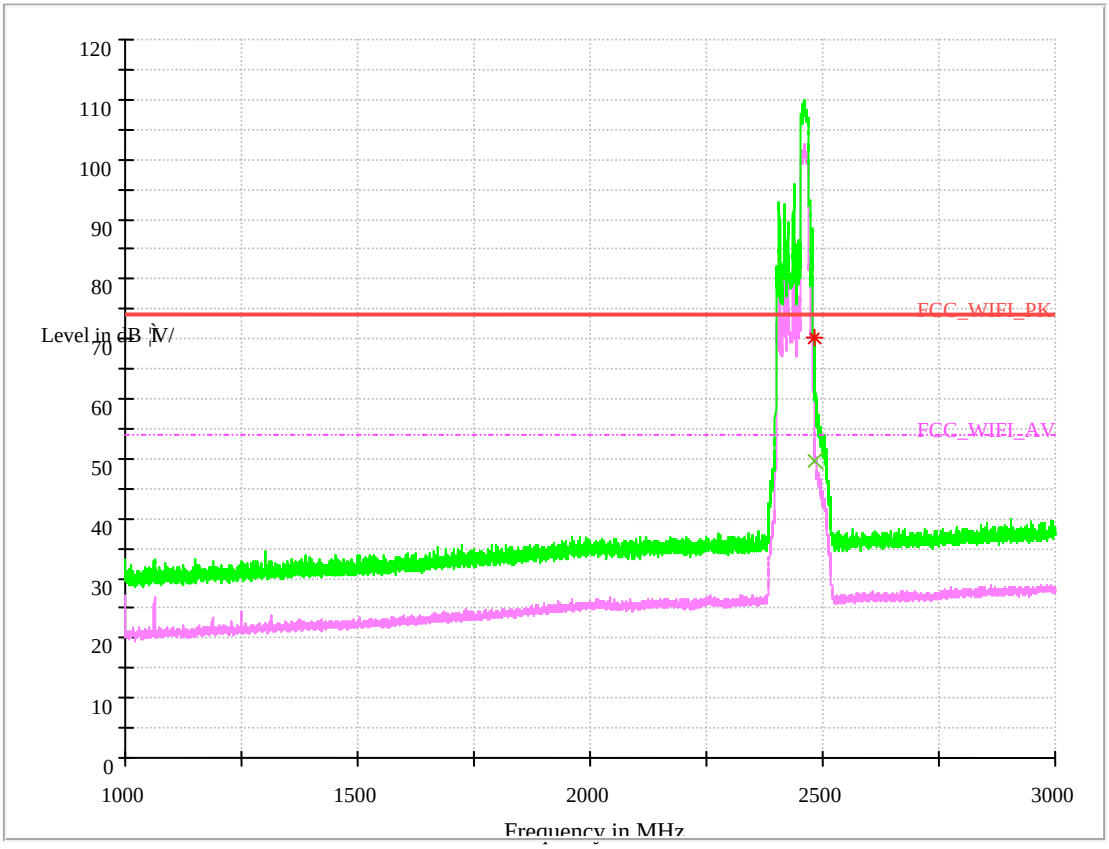
Channel 11



Note: The peak exceeds the limit line is carrier frequency.

MEASUREMENT RESULT: PK/ AV Detector

Frequency (MHz)	MaxPeak (dBµ V/m)	Average (dBµ V/m)	Limit (dBµ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2483.500000	69.45	---	74.00	-4.55	100.0	H	-9.0	3.8
2483.500000	---	49.97	54.00	-4.03	100.0	H	0.0	0.9

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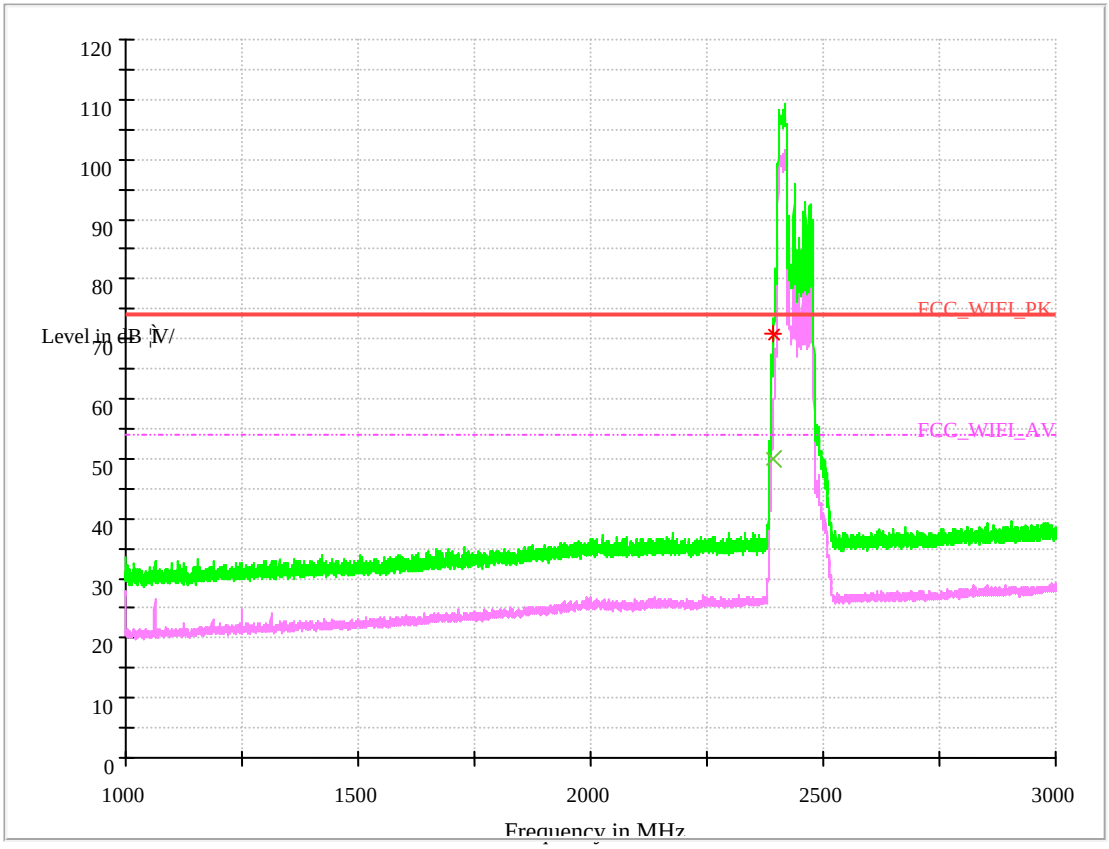
Test Mode: 11N20

Channel 1



Note: The peak exceeds the limit line is carrier frequency.

MEASUREMENT RESULT: PK/ AV Detector

Frequency (MHz)	MaxPeak (dBµ V/m)	Average (dBµ V/m)	Limit (dBµ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2390.000000	---	49.99	54.00	-4.01	100.0	H	187.0	-7.5
2390.000000	69.84	---	74.00	-4.16	100.0	H	192.0	-7.4

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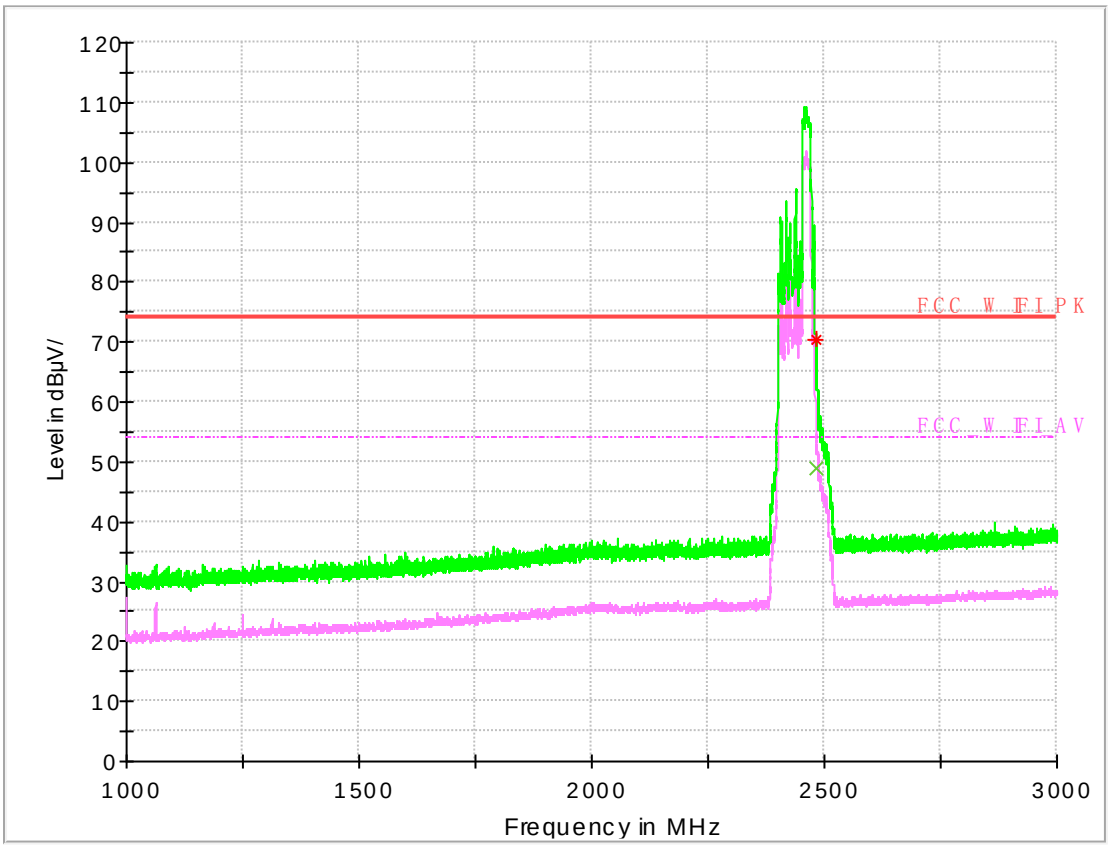
Channel 11



Note: The peak exceeds the limit line is carrier frequency.

MEASUREMENT RESULT: PK/ AV Detector

Frequency (MHz)	MaxPeak (dBµ V/m)	Average (dBµ V/m)	Limit (dBµ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2483.500000	---	48.79	54.00	-5.21	100.0	H	-1.0	3.9
2483.500000	69.43	---	74.00	-4.57	100.0	H	-5.0	0.4

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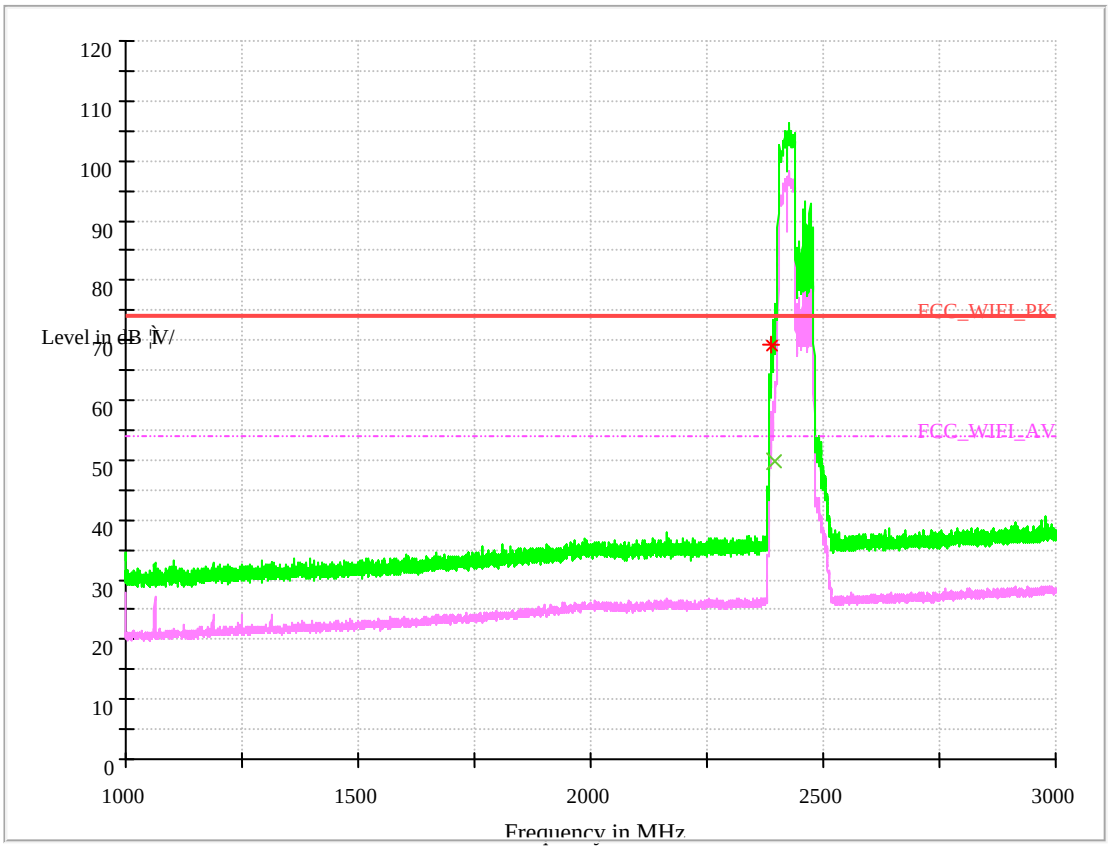
Test Mode: 11N40

Channel 3



Note: The peak exceeds the limit line is carrier frequency.

MEASUREMENT RESULT: PK/ AV Detector

Frequency (MHz)	MaxPeak (dBµ V/m)	Average (dBµ V/m)	Limit (dBµ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2390.000000	69.13	---	74.00	-4.87	100.0	H	-5.0	-8.0
2390.000000	---	49.93	54.00	-4.07	100.0	H	-5.0	-7.4

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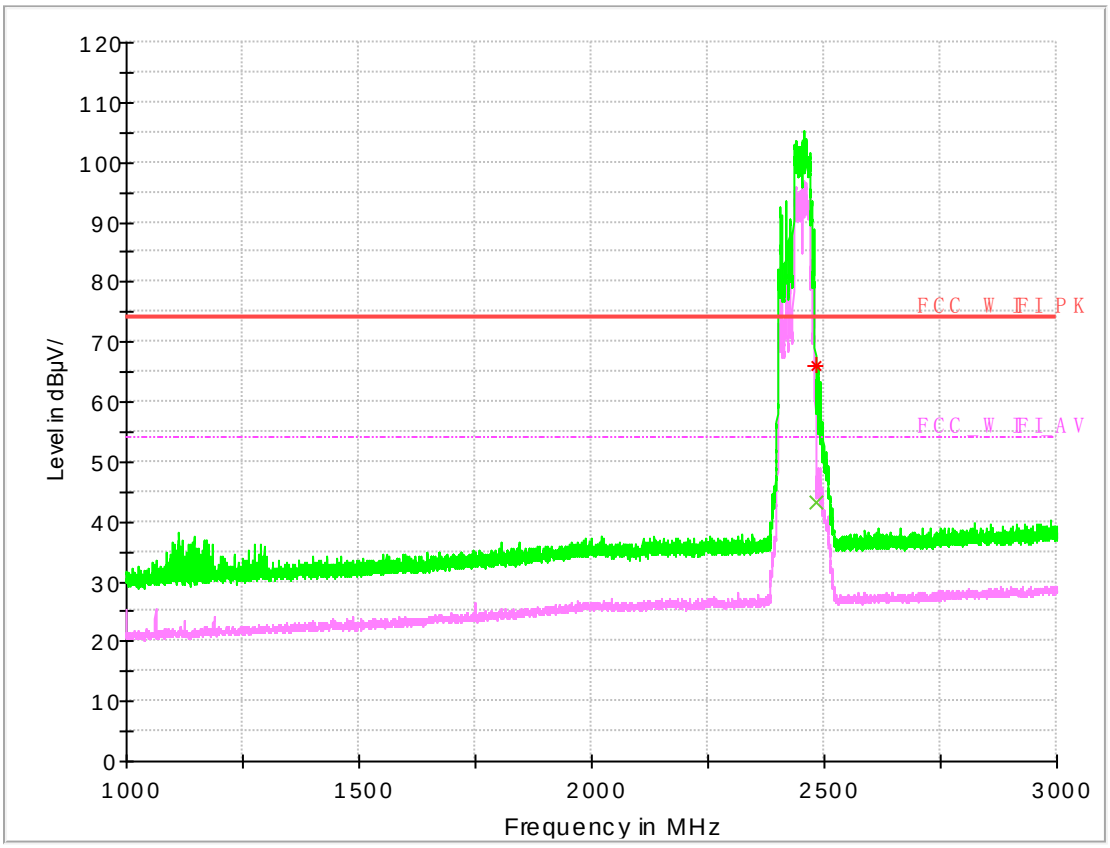
Channel 9



Note: The peak exceeds the limit line is carrier frequency.

MEASUREMENT RESULT: PK/ AV Detector

Frequency (MHz)	MaxPeak (dBµ V/m)	Average (dBµ V/m)	Limit (dBµ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2483.500000	---	43.38	54.00	-10.62	107.0	H	0.0	-3.2
2483.500000	66.09	---	74.00	-7.91	107.0	H	6.0	-4.2

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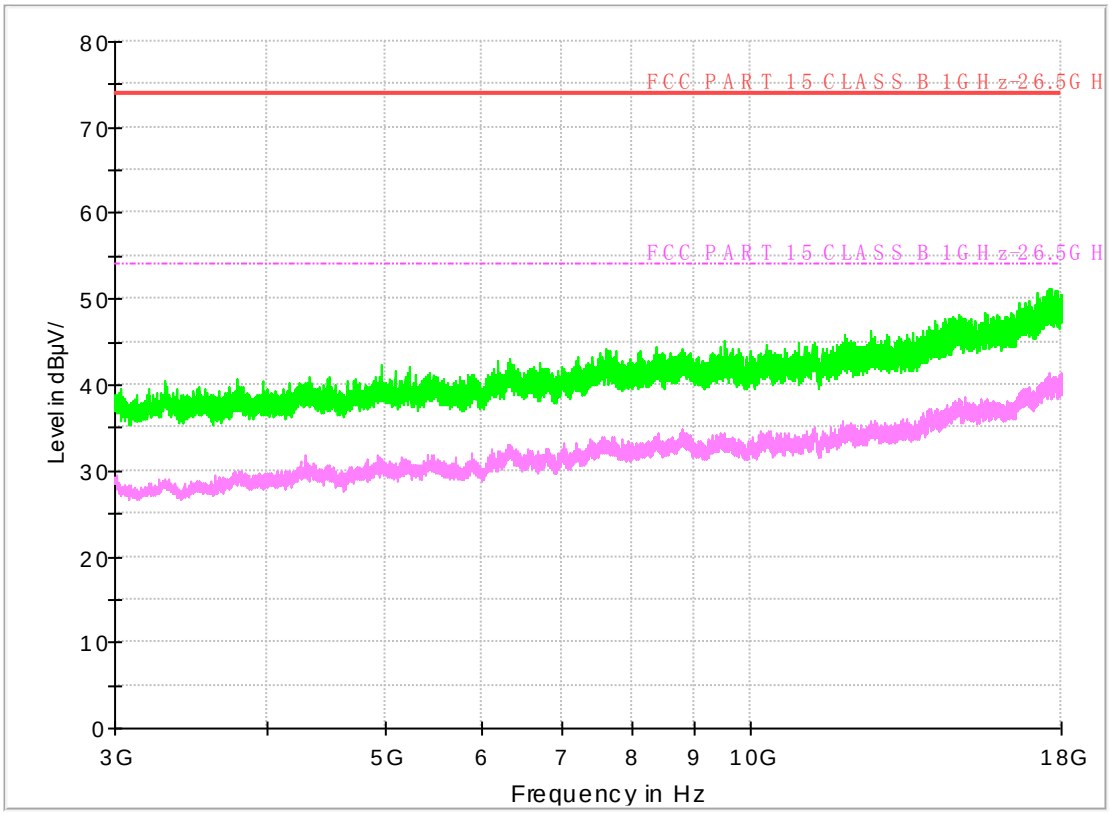
Part 5: Testing Range of "3 GHz to 18 GHz"

Note 1: The test results and plot for testing range of "3 GHz to 18 GHz" showed as below is **the WORST case for all Test Modes and Channels**. This range will not be presented for each Test Mode and each Channel.

Note 2: The testing range of "3 GHz to 18 GHz" is for checking radiated emissions located in restricted bands faraway from the EUT operating bands.

Note 3: Two limits are required in the testing range above 1 GHz, that is Peak limit (74 dBµV/m) and Average Limit (54 dBµV/m).

Full Spectrum



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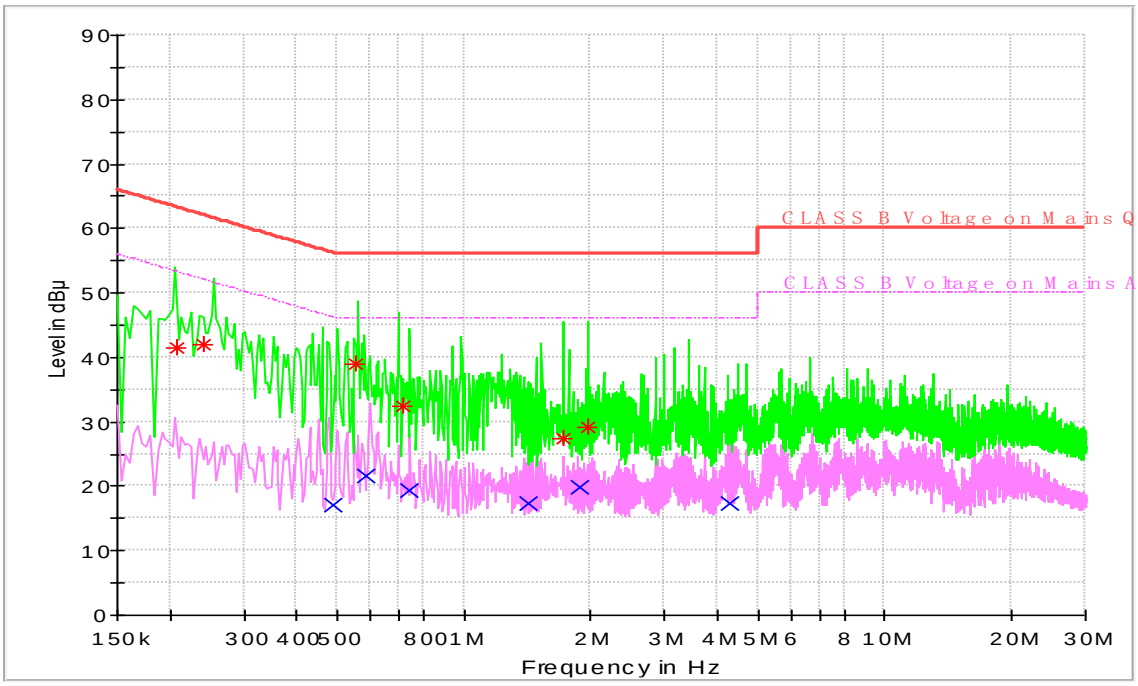
Appendix I: Conducted Emission at Power Port

Note: RBW =9 kHz, VBW = 30 kHz

Channel 6



Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.207906	41.44	---	63.29	-21.85	N	ON	9.7
0.240874	41.91	---	62.07	-20.16	L1	ON	9.7
0.490466	---	16.98	46.16	-29.18	L1	ON	9.7
0.555348	38.84	---	56.00	-17.16	L1	ON	9.7
0.588089	---	21.55	46.00	-24.45	L1	ON	9.7
0.713013	32.46	---	56.00	-23.54	N	ON	9.7
0.742014	---	19.26	46.00	-26.74	L1	ON	9.7
1.418079	---	17.23	46.00	-28.77	N	ON	9.7
1.729198	27.42	---	56.00	-28.58	N	ON	9.8
1.885594	---	19.91	46.00	-26.09	L1	ON	9.8
1.961665	29.04	---	56.00	-26.96	N	ON	9.8
4.296744	---	17.42	46.00	-28.58	L1	ON	9.9

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