Annex acc. to FCC Title 47 CFR Part 95 M
relating to
HELLA GmbH & Co. KGaA
RS6

Annex no. 3
Occupied Bandwidth

Title 47 - Telecommunication
Part 95 - Personal Radio Services
Subpart M – The 76 – 81 GHz Band Radar Service
Measurement Procedure:
ANSI C63.26-2015

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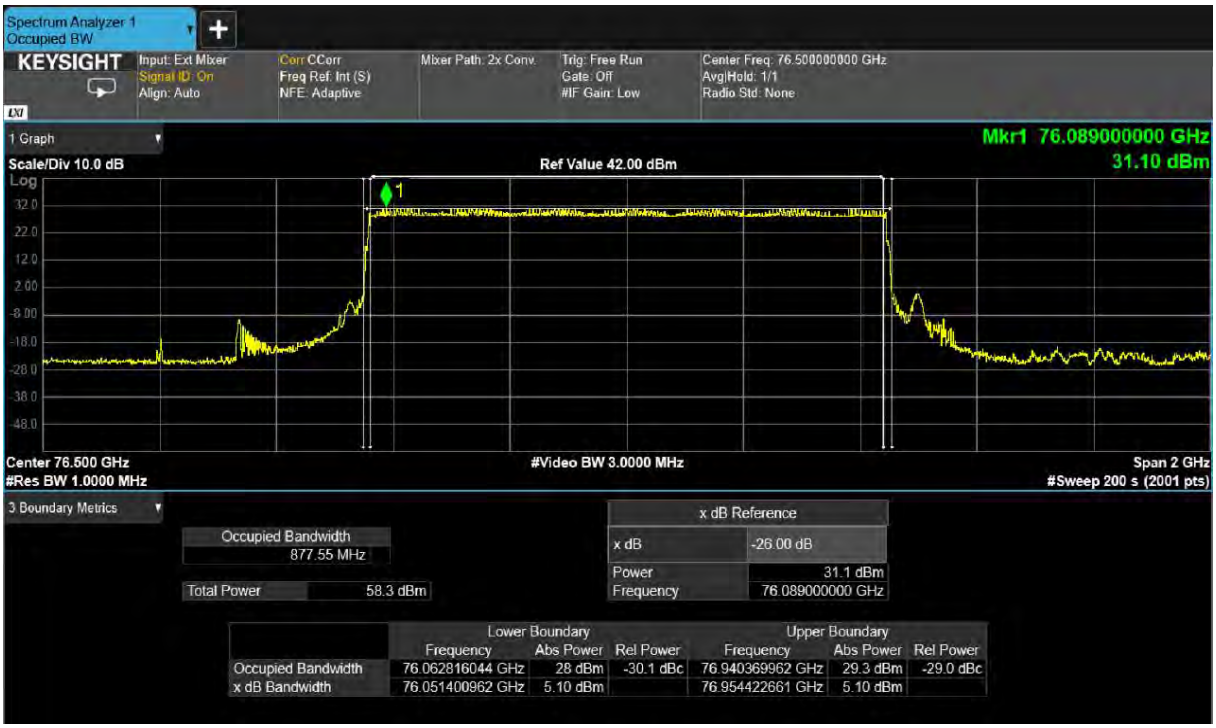
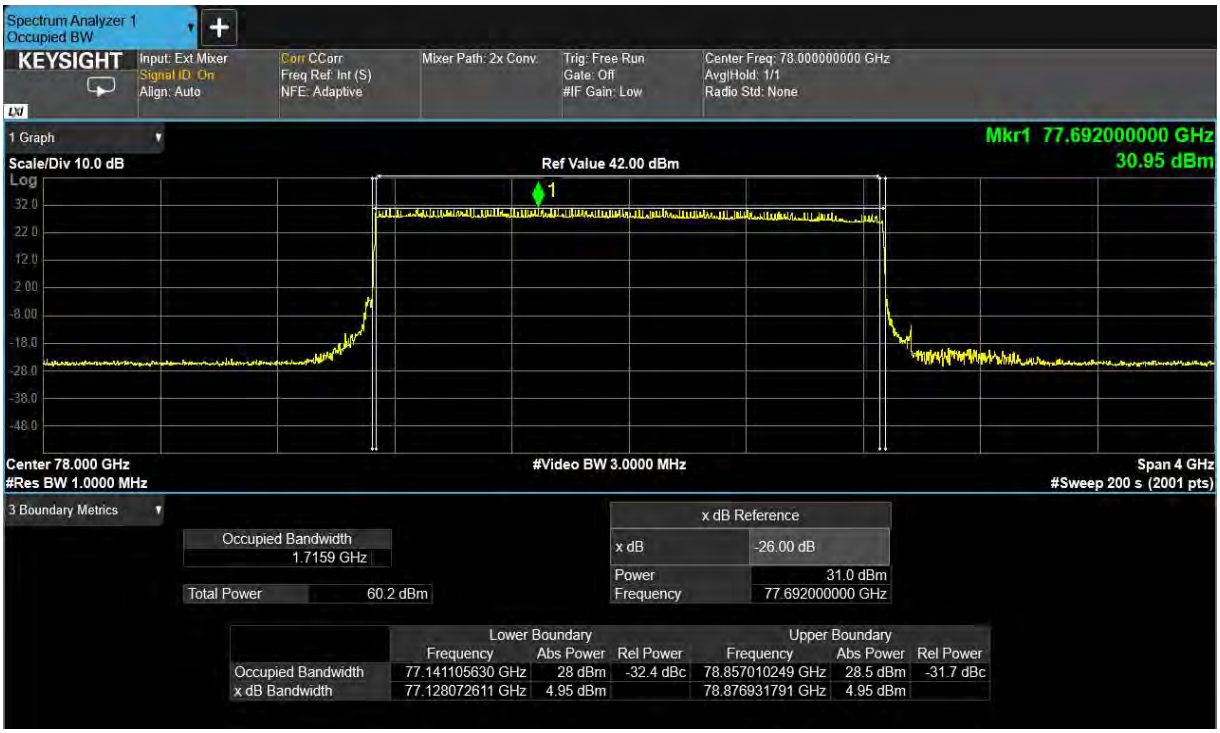
Test plots – Measured 26 dB Bandwidth

CS11



CS12



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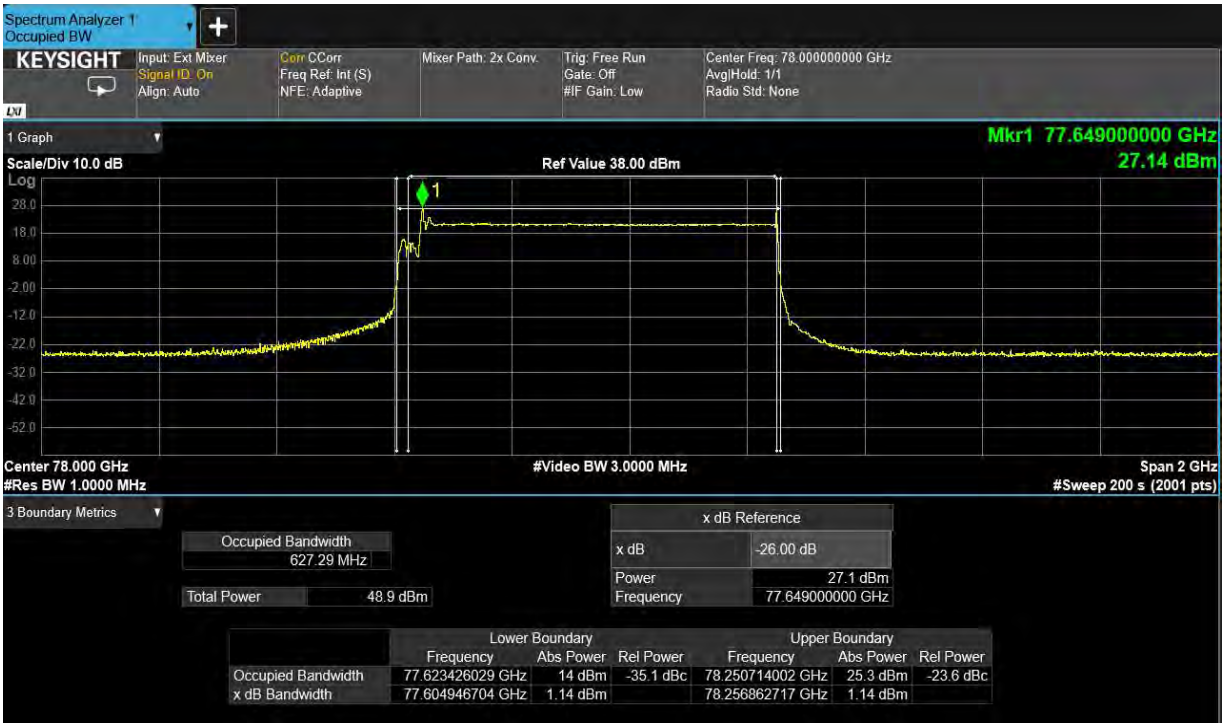
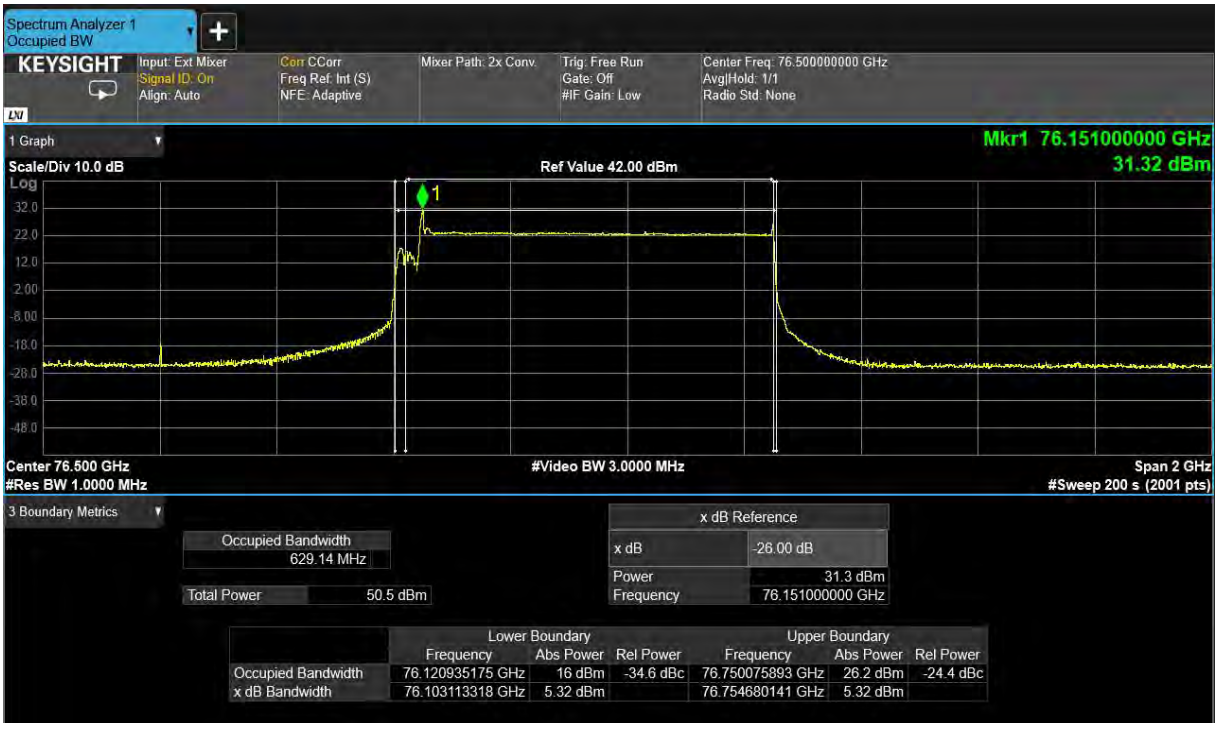
CS13_EOL_Mode



CS14_EOL_Mode



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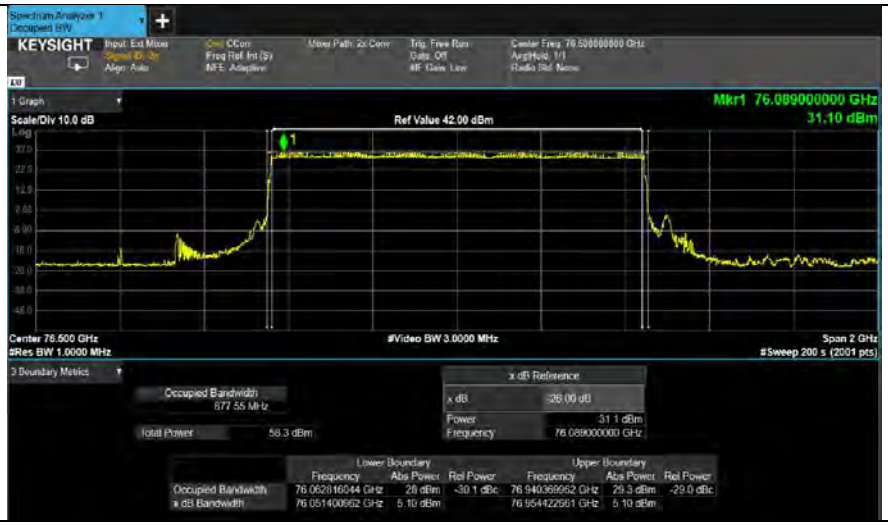
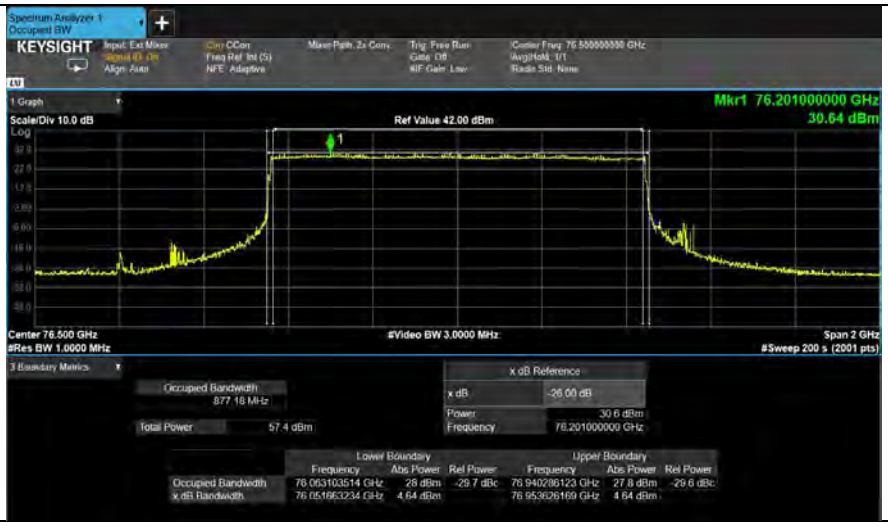
Test plots – Frequency stability (CS11)

99% BW +25°C 13.2V DC



99% BW +25°C 9V DC



99% BW +25°C 18V DC

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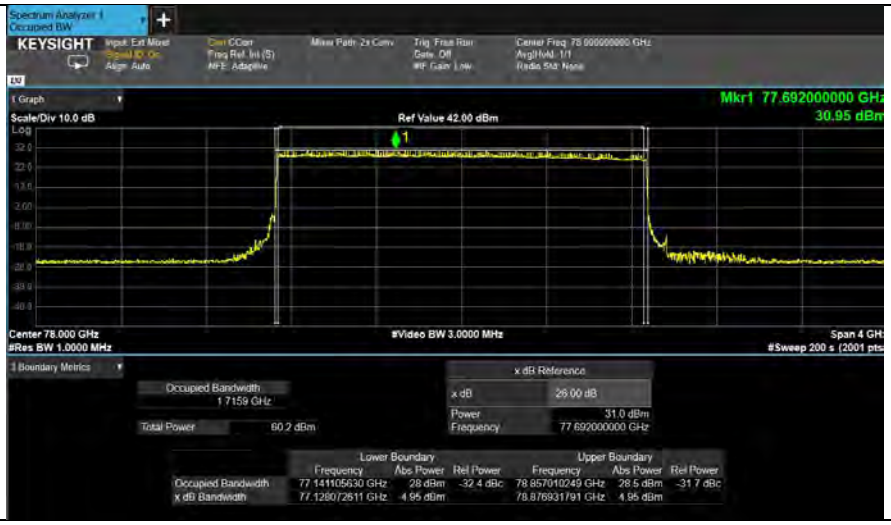
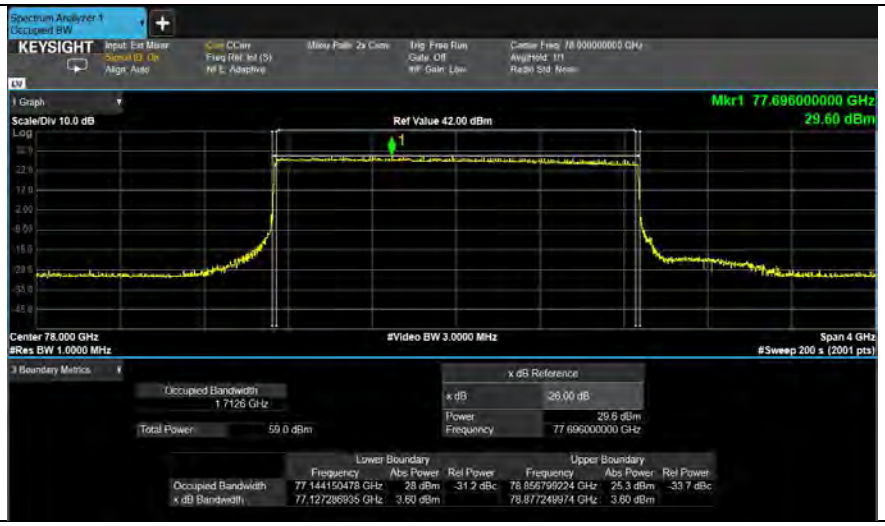
Test plots – Frequency stability (CS12)

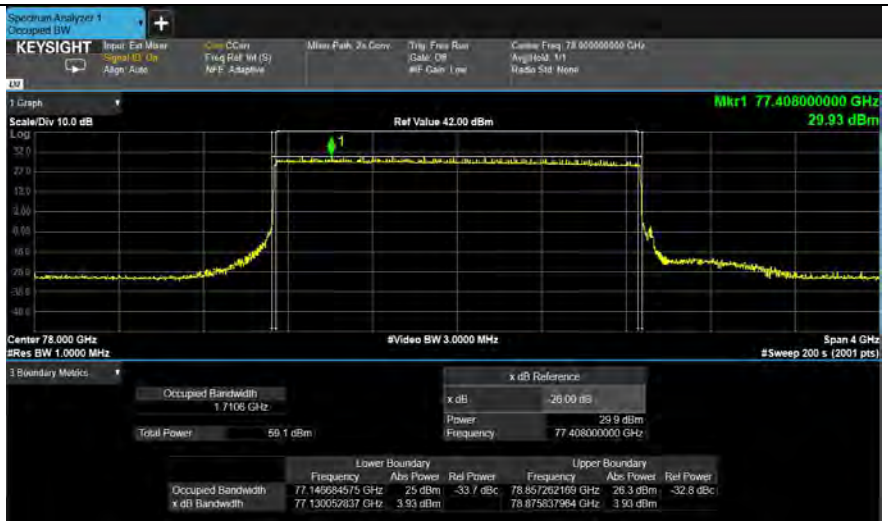
99% BW +25°C 13.2V DC



99% BW +25°C 9V DC



99% BW +25°C 18V DC



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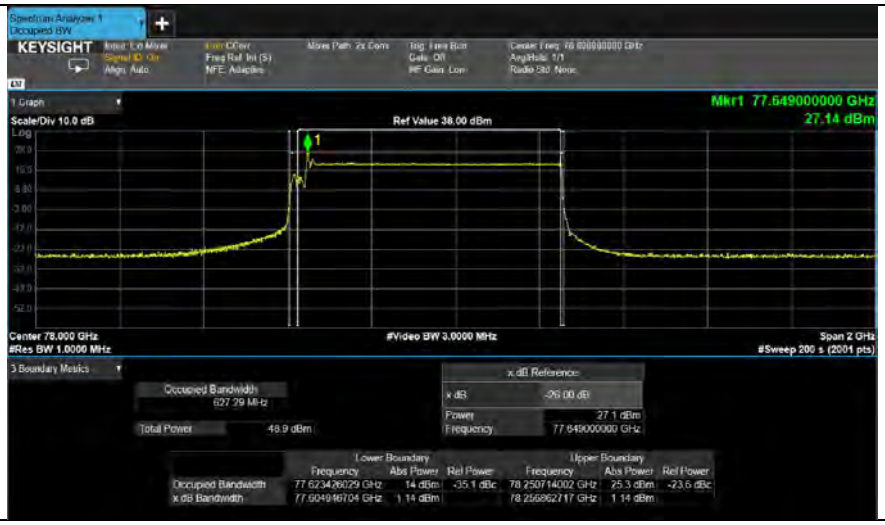
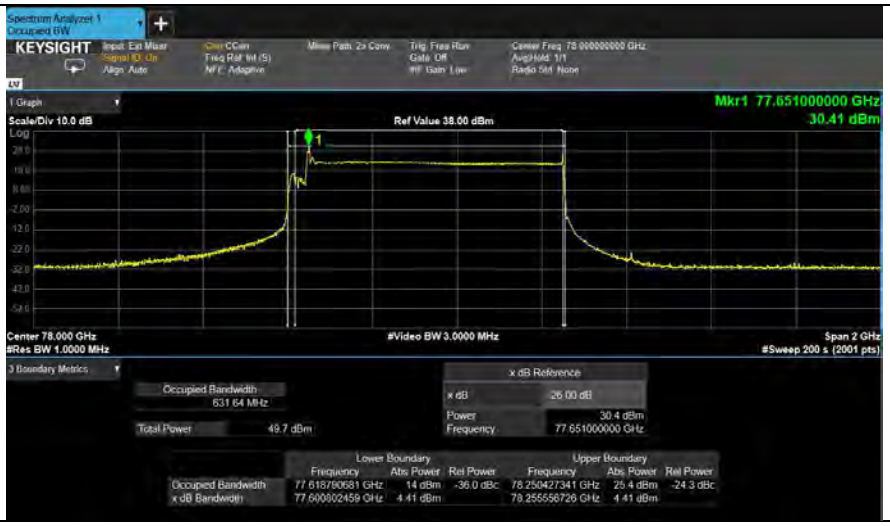
Test plots – Frequency stability (CS13_EOL_Mode)

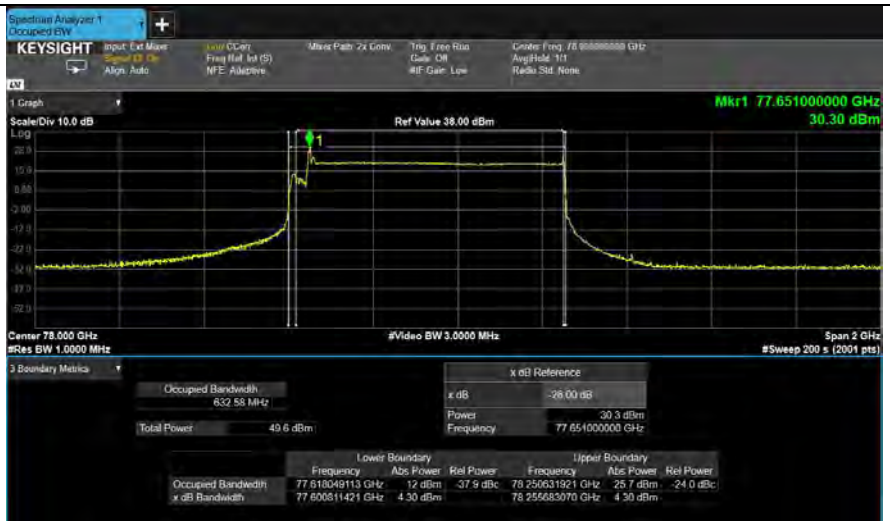
99% BW +25°C 13.2V DC



99% BW +25°C 9V DC



99% BW +25°C 18V DC



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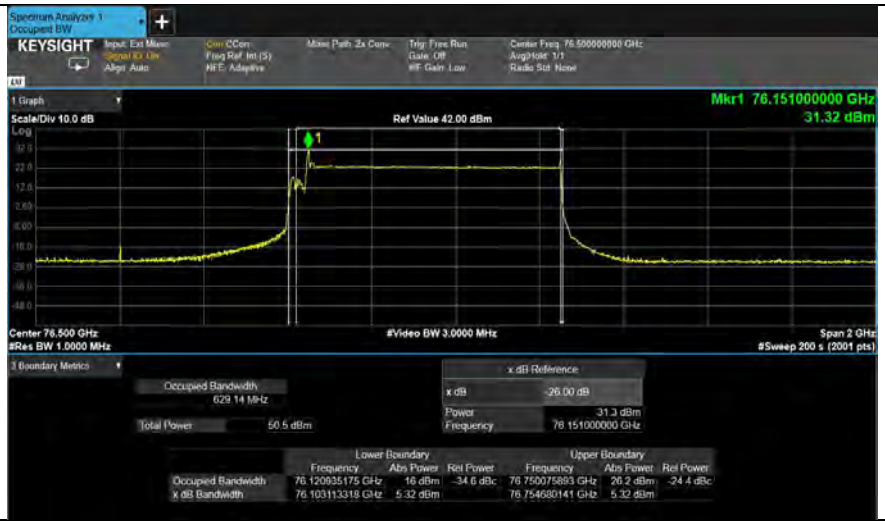
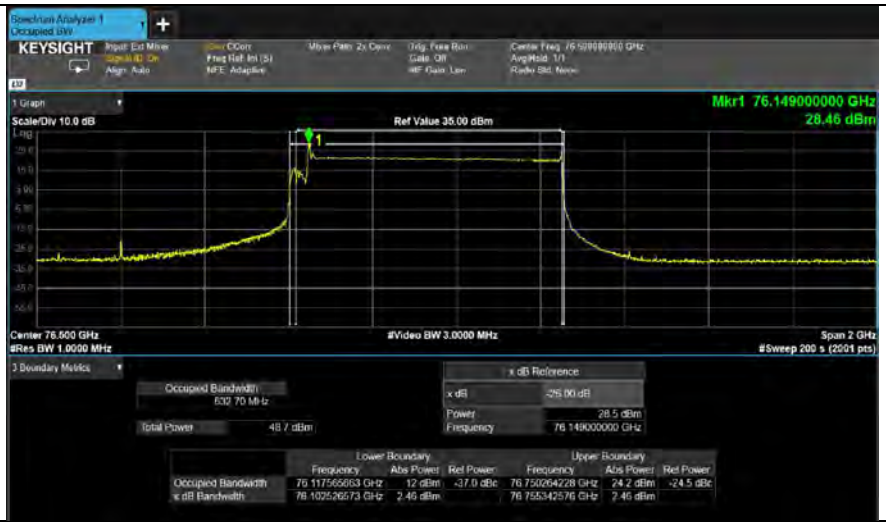
Test plots – Frequency stability (CS14_EOL_Mode)

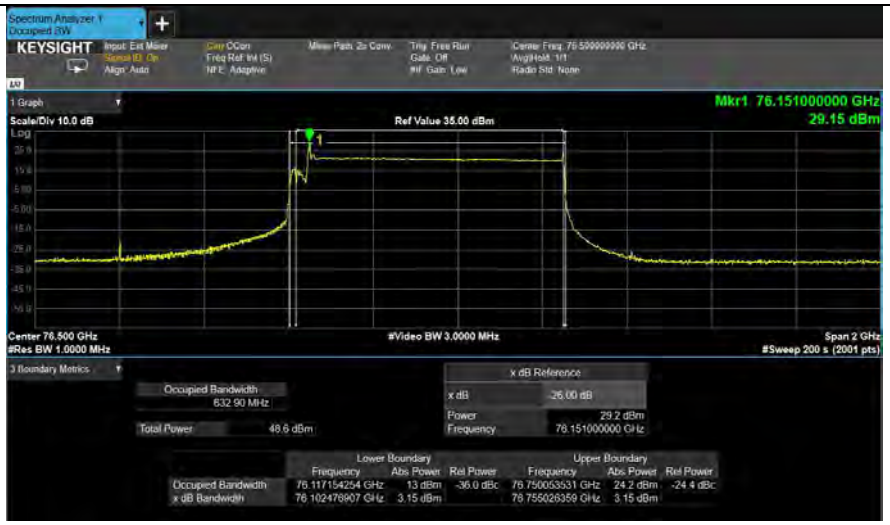
99% BW +25°C 13.2V DC



99% BW +25°C 9V DC



99% BW +25°C 18V DC



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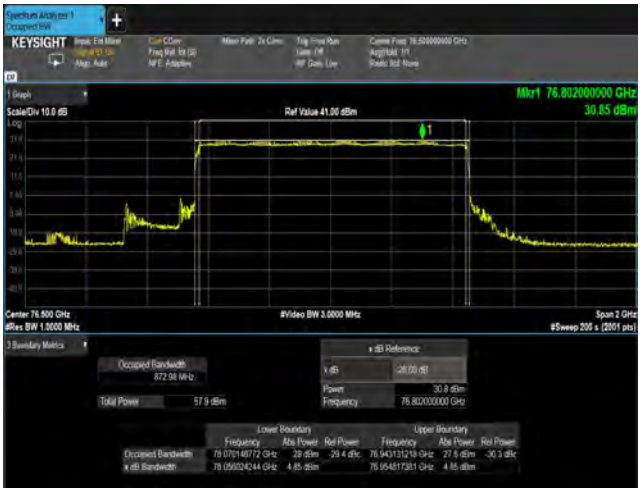
Test plots – Frequency stability (CS11)

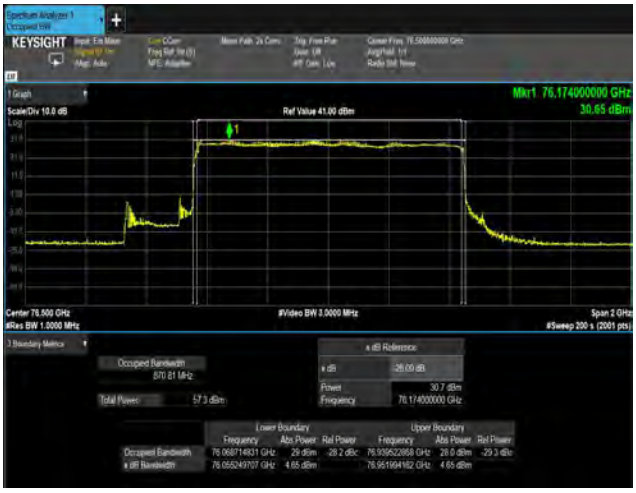
-40°C with 13.2V DC

-30°C with 13.2V DC



-20°C with 13.2V DC

-10°C with 13.2V DC



0°C with 13.2V DC

10°C with 13.2V DC

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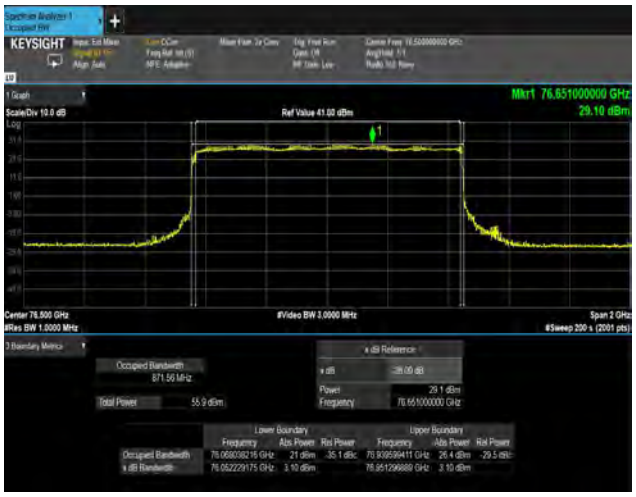
+20°C with 13.2V DC

+30°C with 13.2V DC

+40°C with 13.2V DC

+50°C with 13.2V DC



+85°C with 13.2V DC

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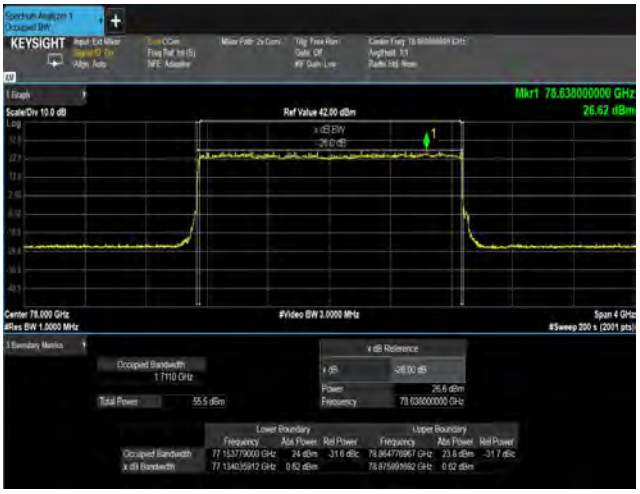
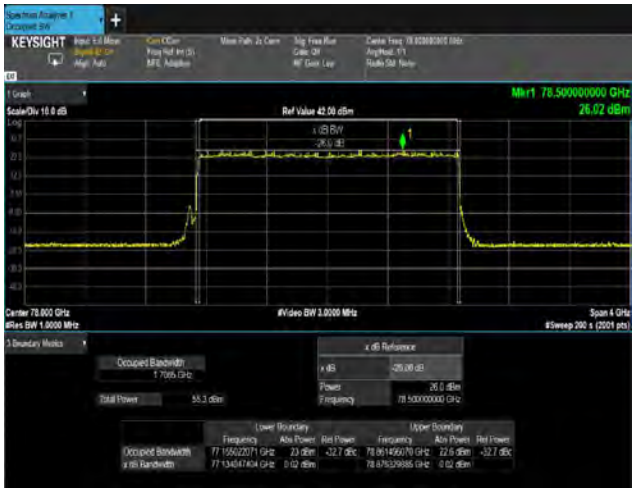
Test plots – Frequency stability (CS12)

-40°C with 13.2V DC

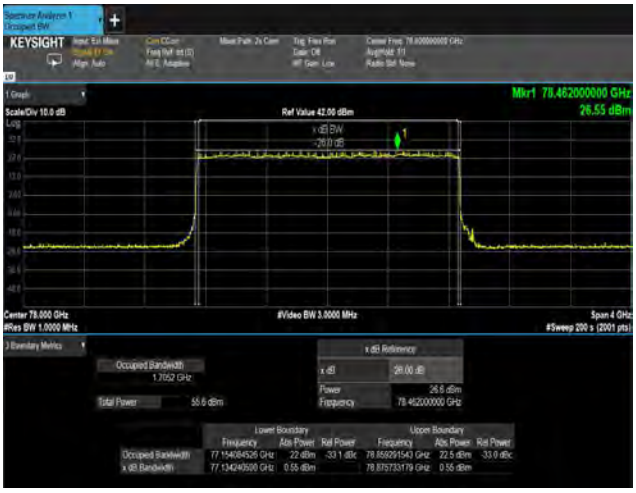


-30°C with 13.2V DC

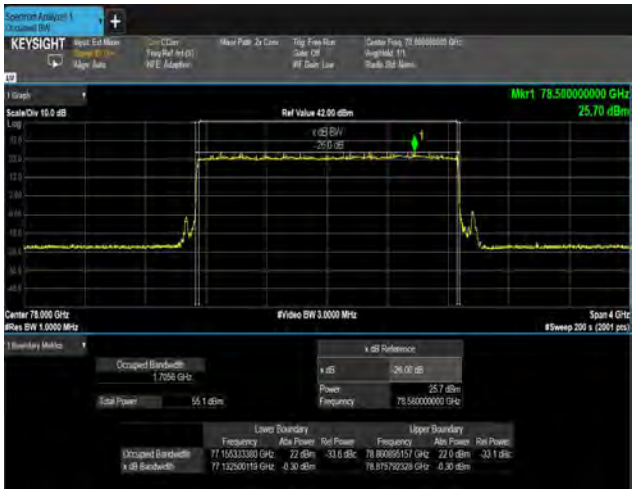
-20°C with 13.2V DC



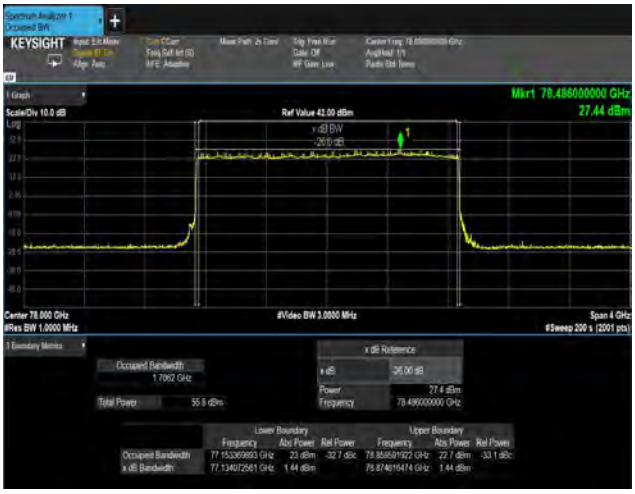
-10°C with 13.2V DC



0°C with 13.2V DC



10°C with 13.2V DC



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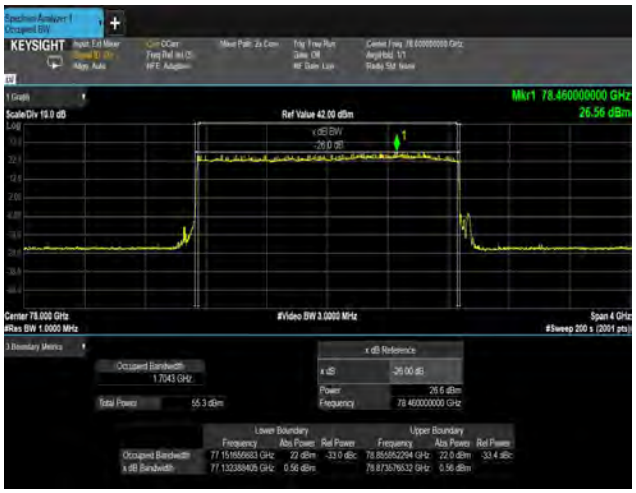
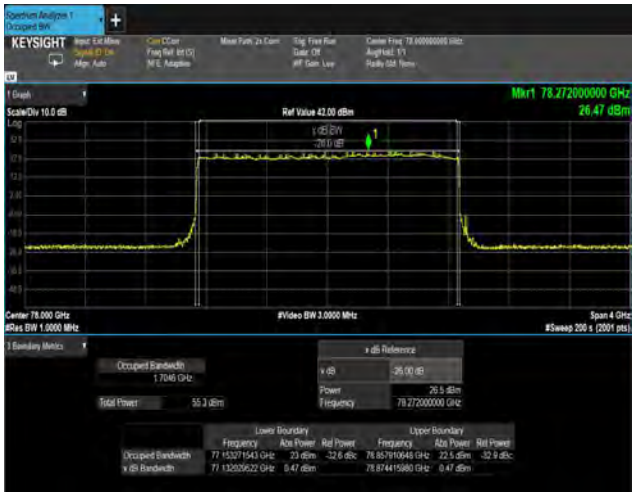
+20°C with 13.2V DC

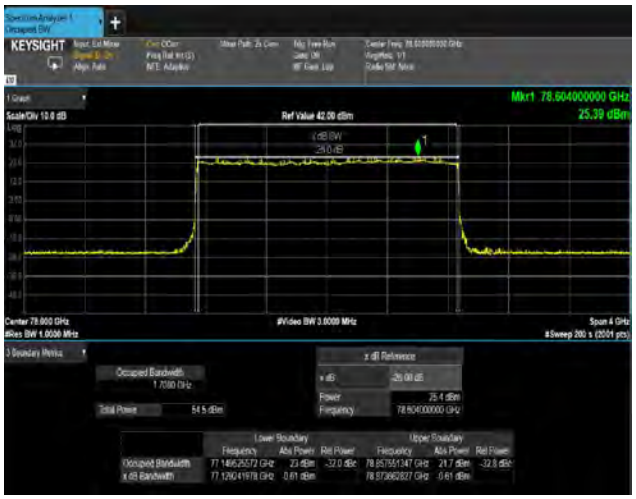


+30°C with 13.2V DC

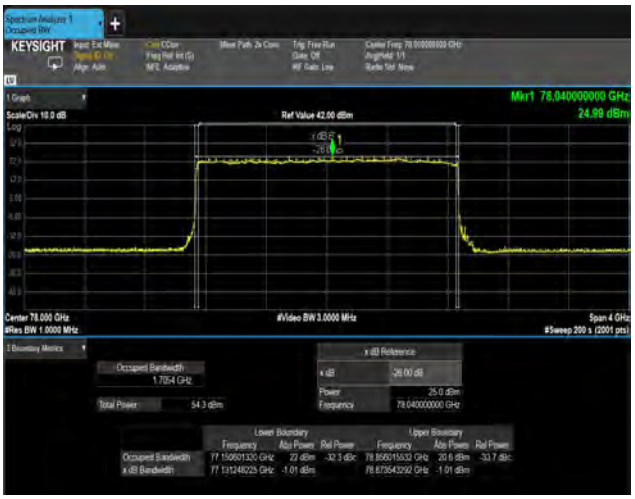


+40°C with 13.2V DC

+50°C with 13.2V DC



+85°C with 13.2V DC



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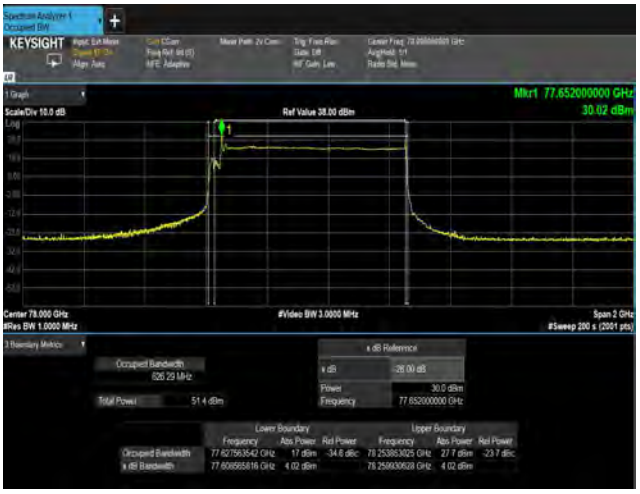
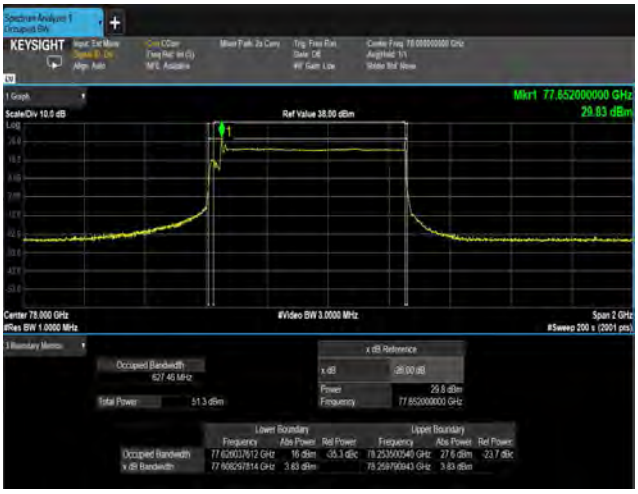
Test plots – Frequency stability (CS13_EOL_Mode)

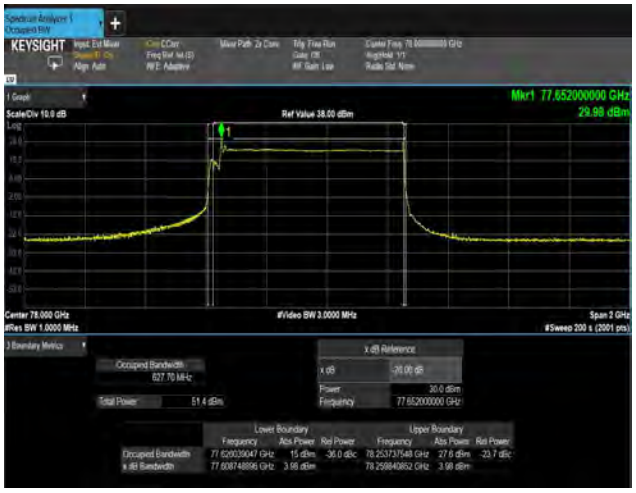
-40°C with 13.2V DC



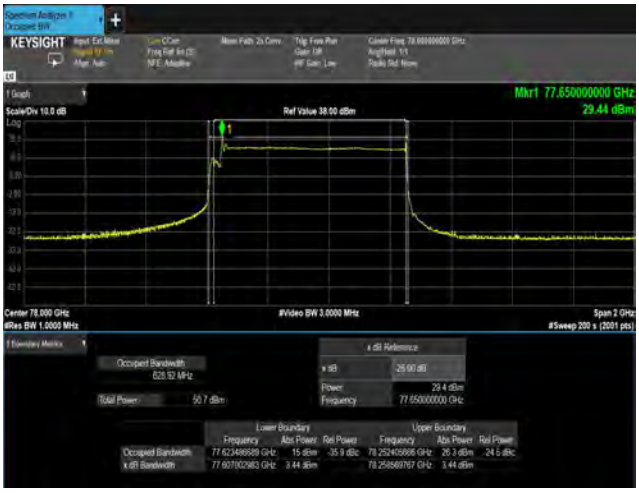
-30°C with 13.2V DC



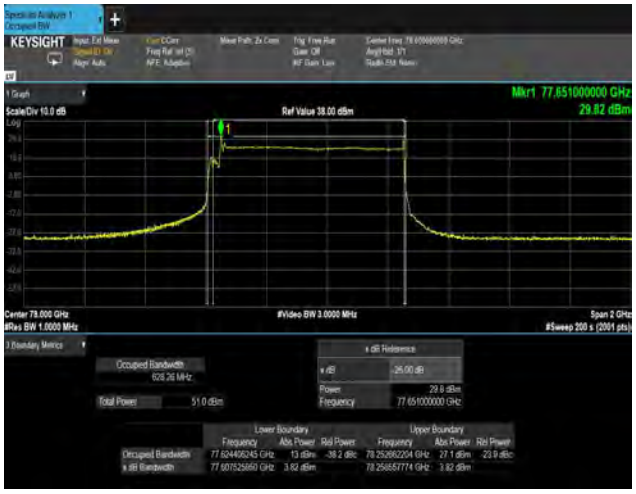
-20°C with 13.2V DC



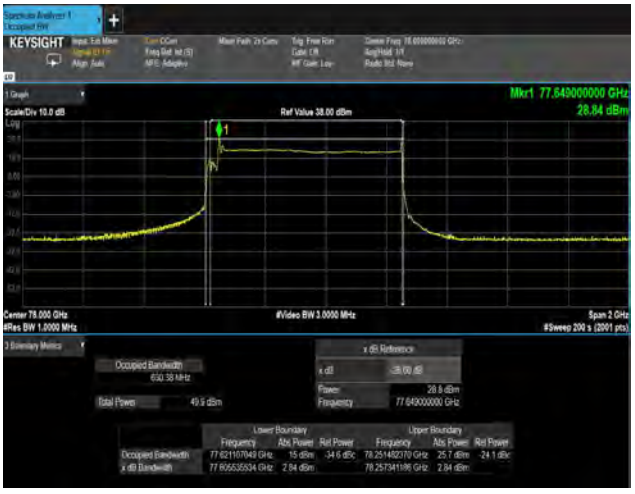
-10°C with 13.2V DC



0°C with 13.2V DC



10°C with 13.2V DC



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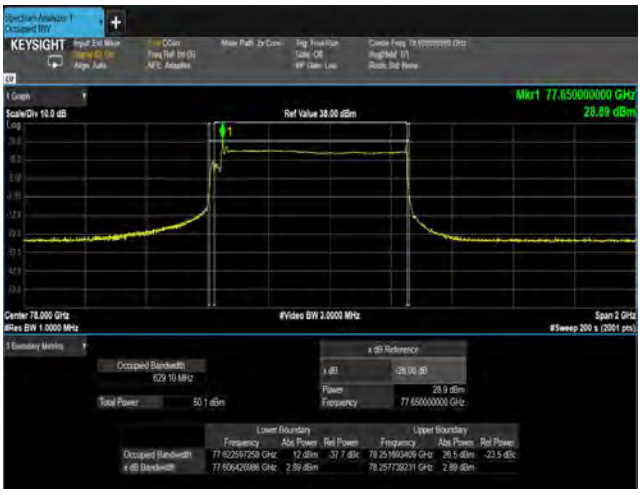
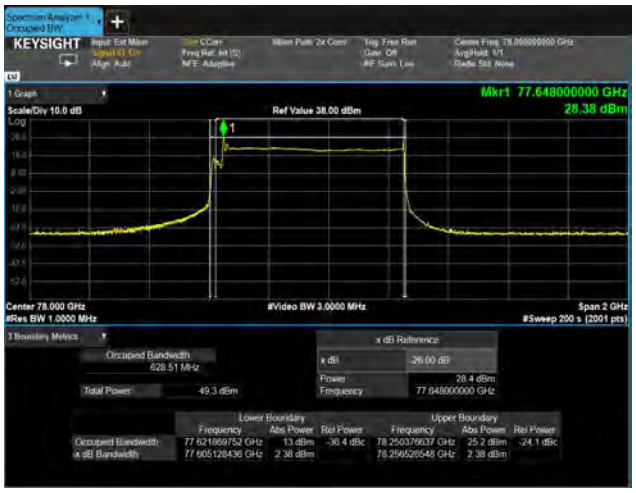
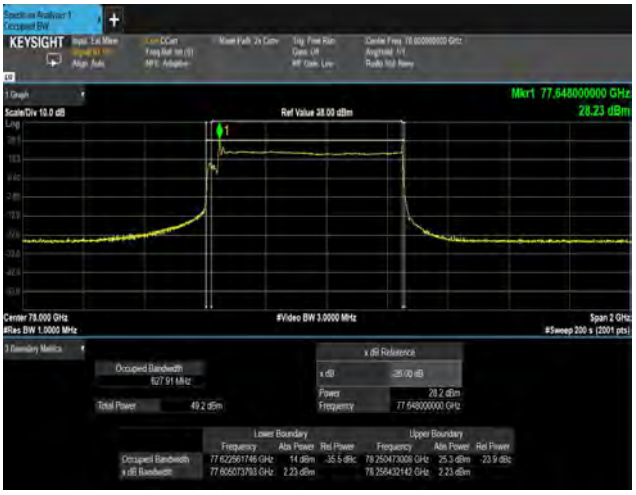
+20°C with 13.2V DC



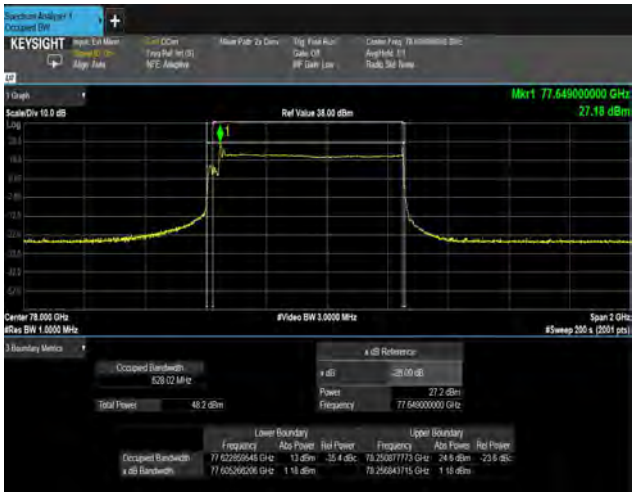
+30°C with 13.2V DC



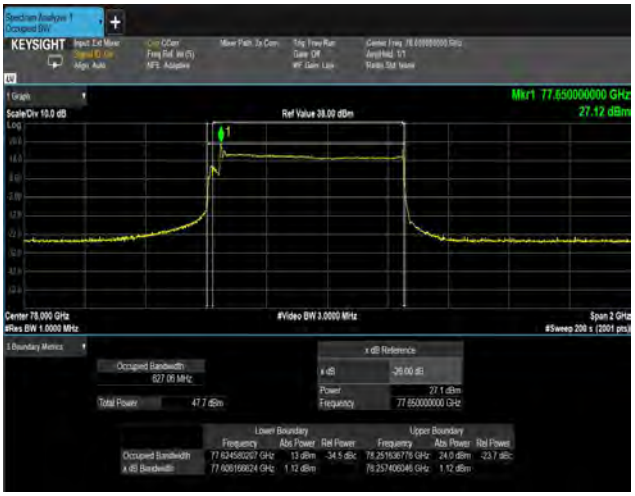
+40°C with 13.2V DC



+50°C with 13.2V DC



+85°C with 13.2V DC



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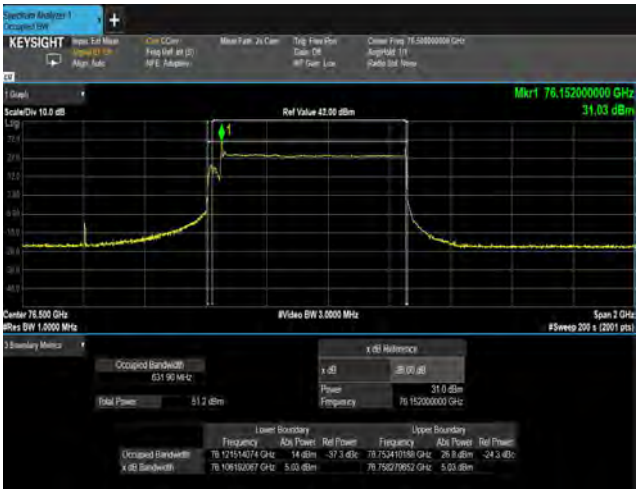
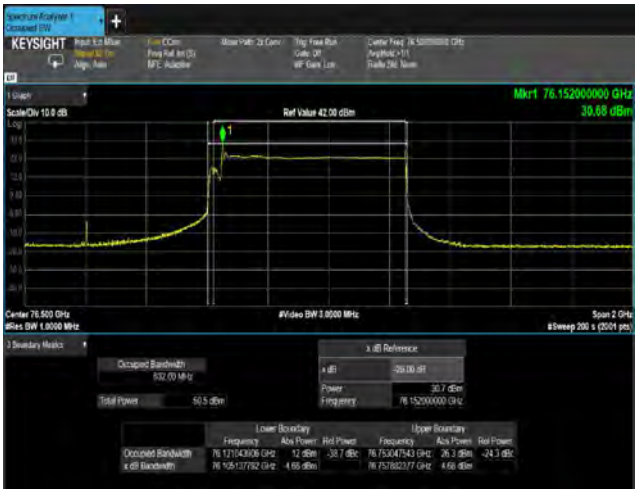
Test plots – Frequency stability (CS14_EOL_Mode)

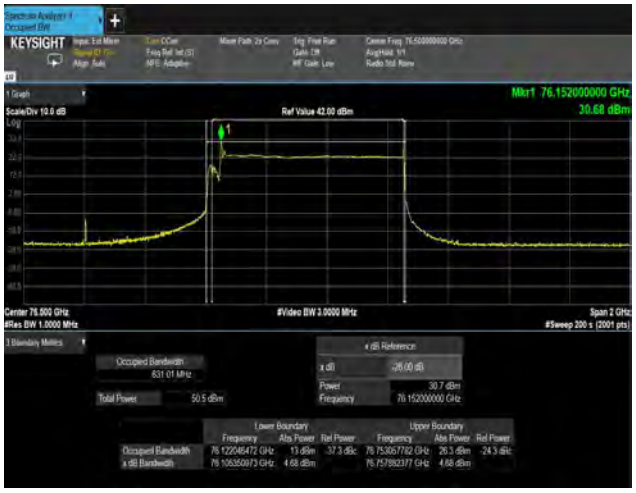
-40°C with 13.2V DC



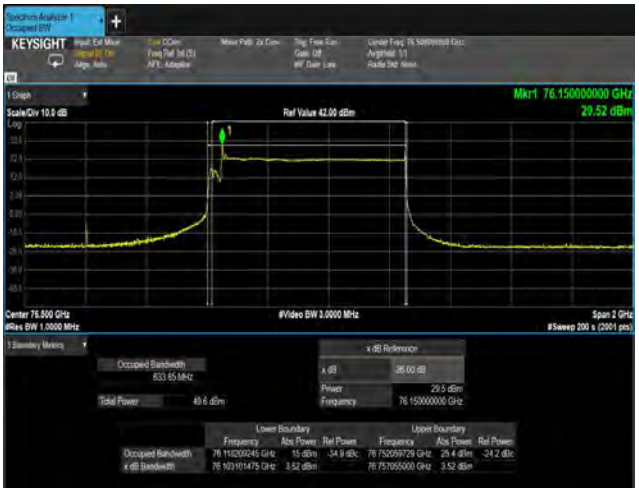
-30°C with 13.2V DC



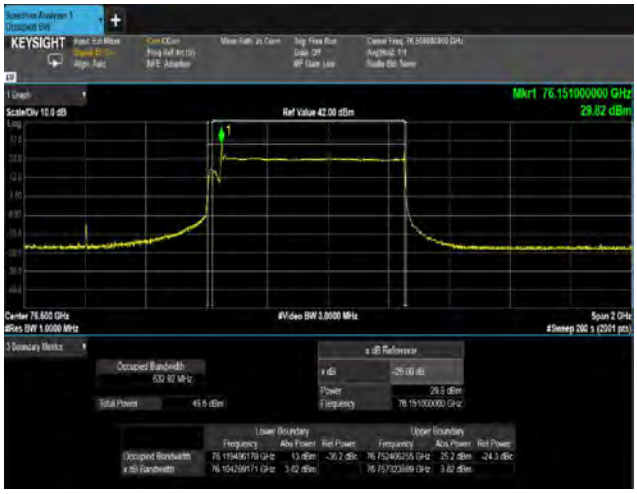
-20°C with 13.2V DC



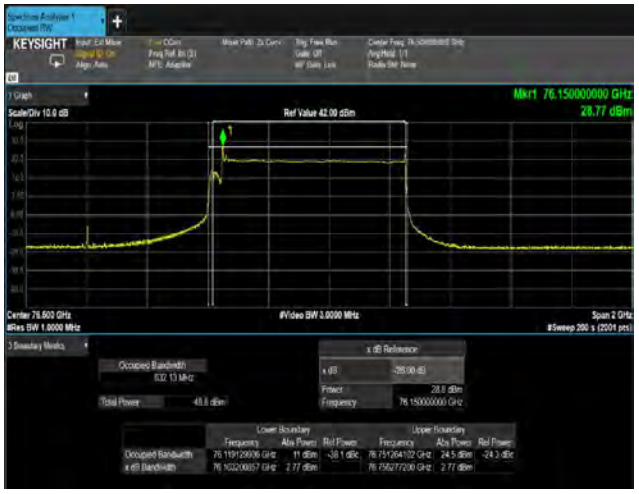
-10°C with 13.2V DC



0°C with 13.2V DC



10°C with 13.2V DC



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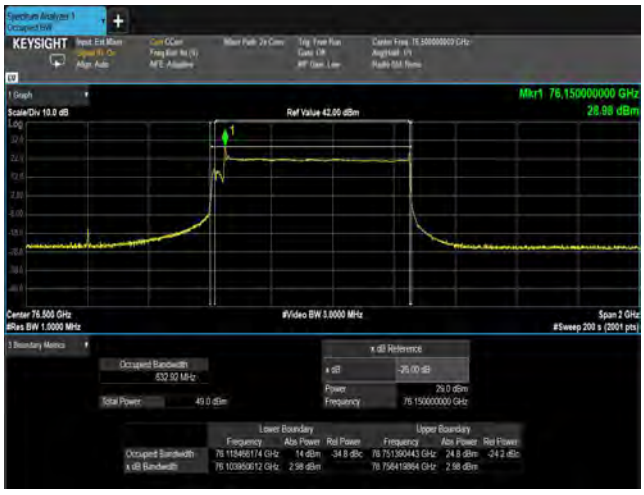
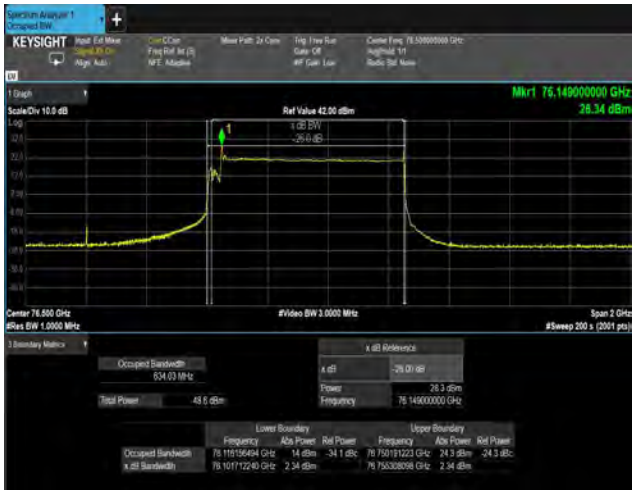
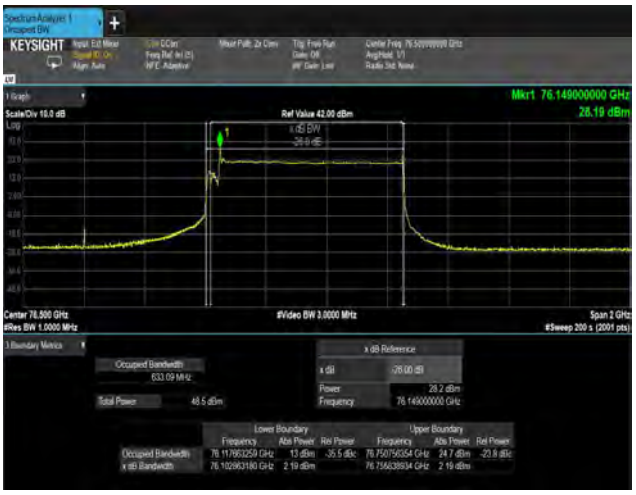
+20°C with 13.2V DC



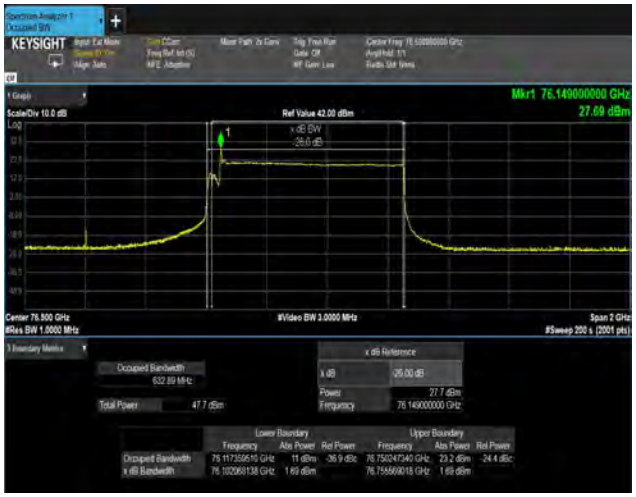
+30°C with 13.2V DC



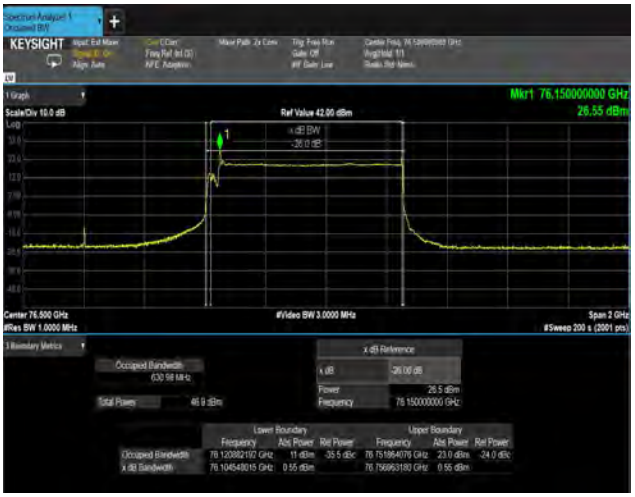
+40°C with 13.2V DC



+50°C with 13.2V DC



+85°C with 13.2V DC



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