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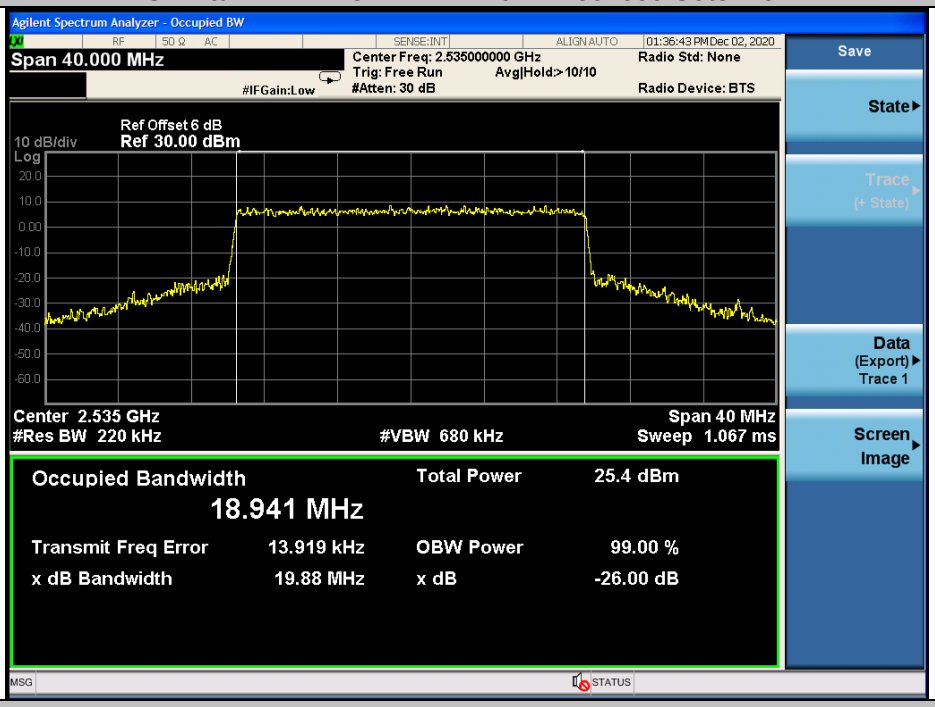

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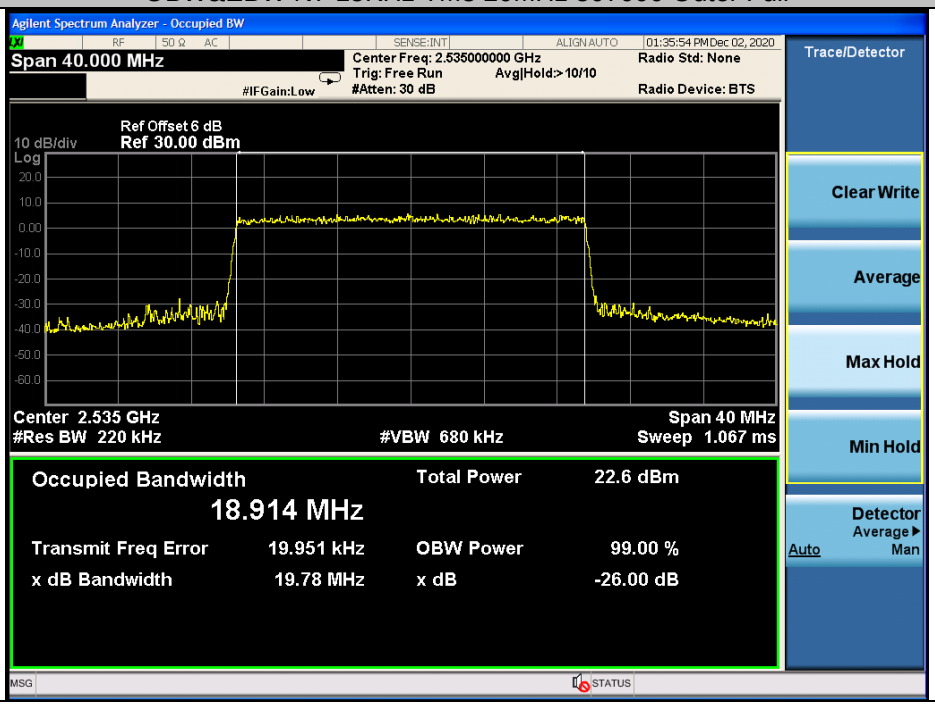

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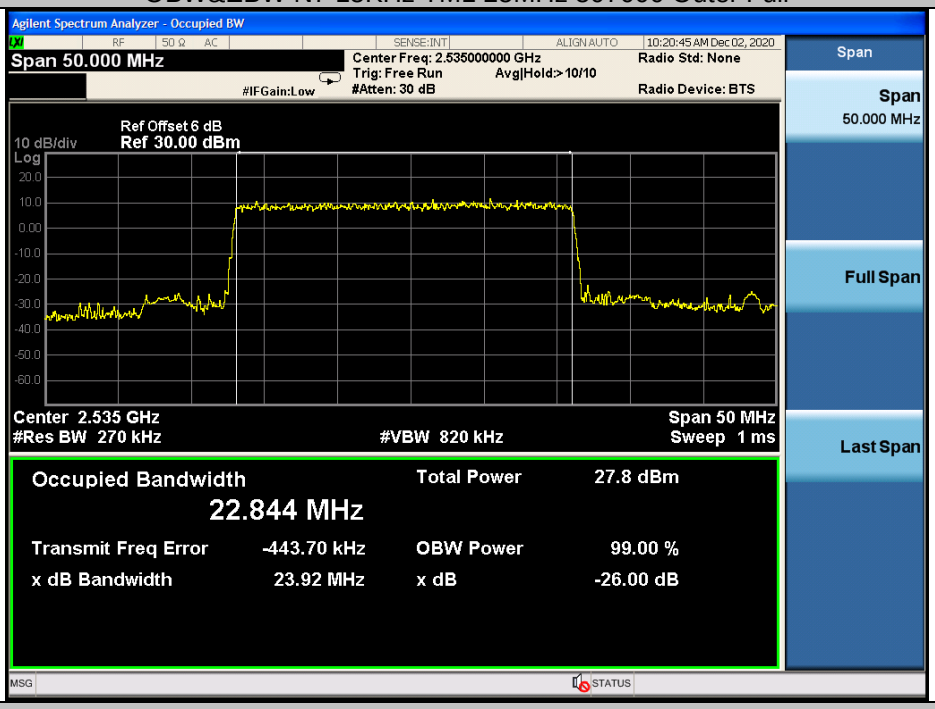
OBW&EBW N7 15KHz TM1 25MHz 507000 Outer Full



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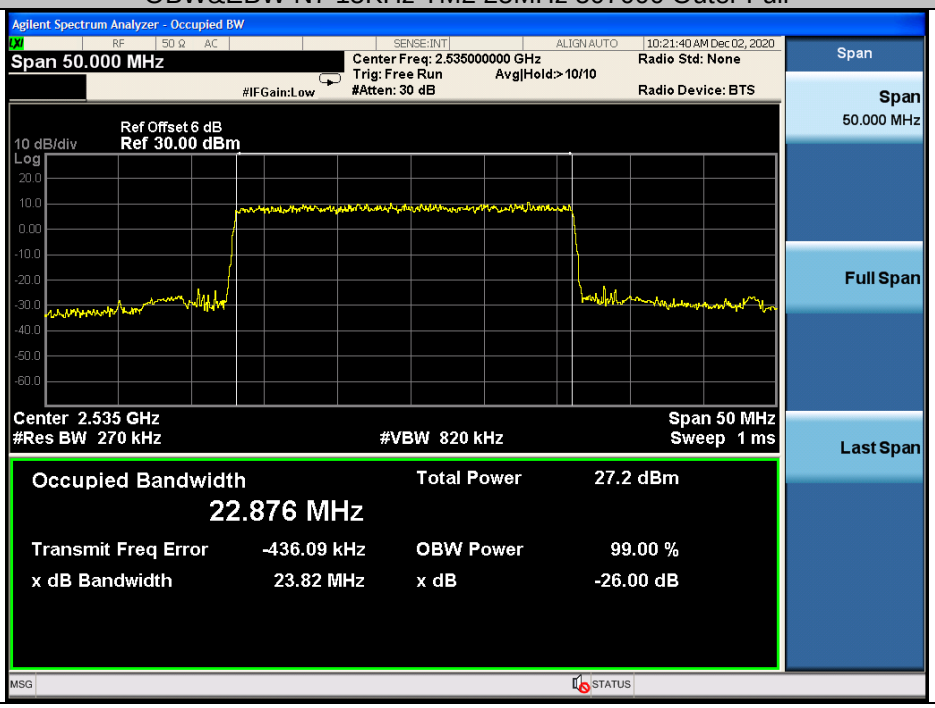

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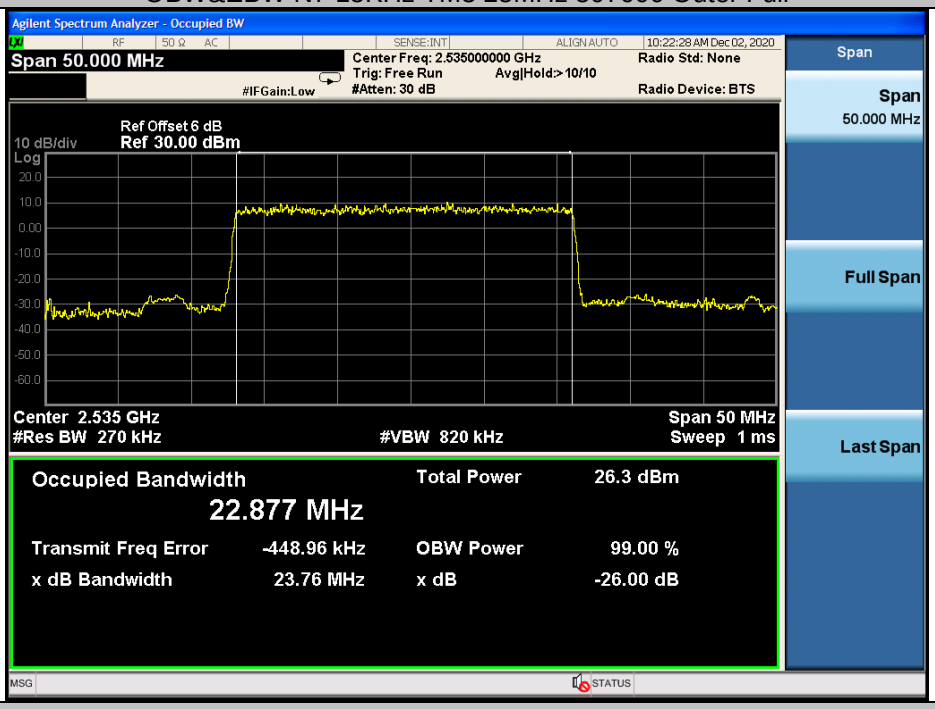

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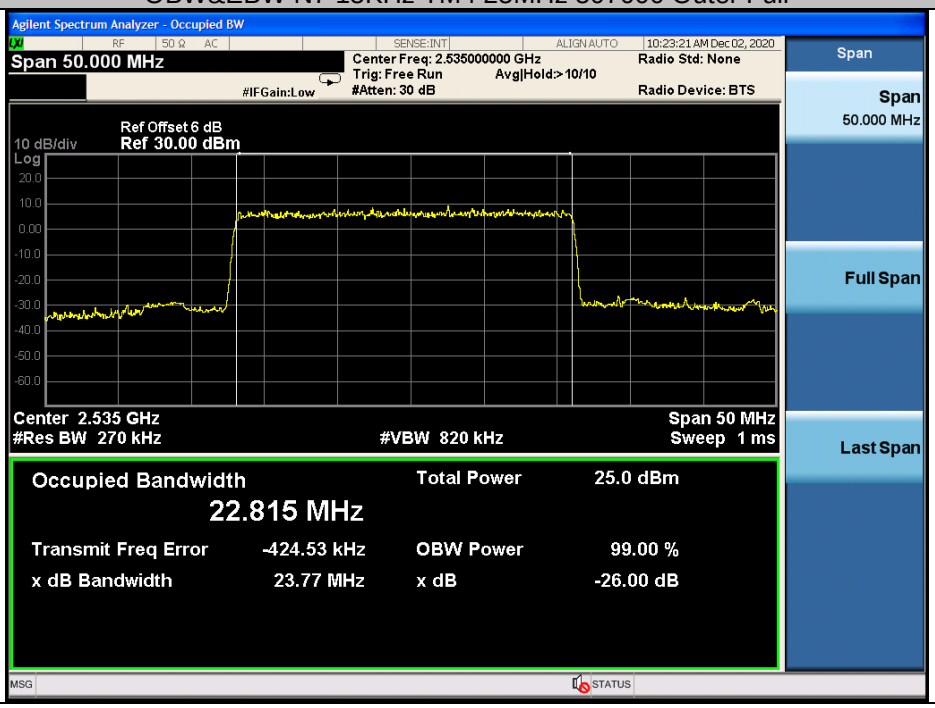

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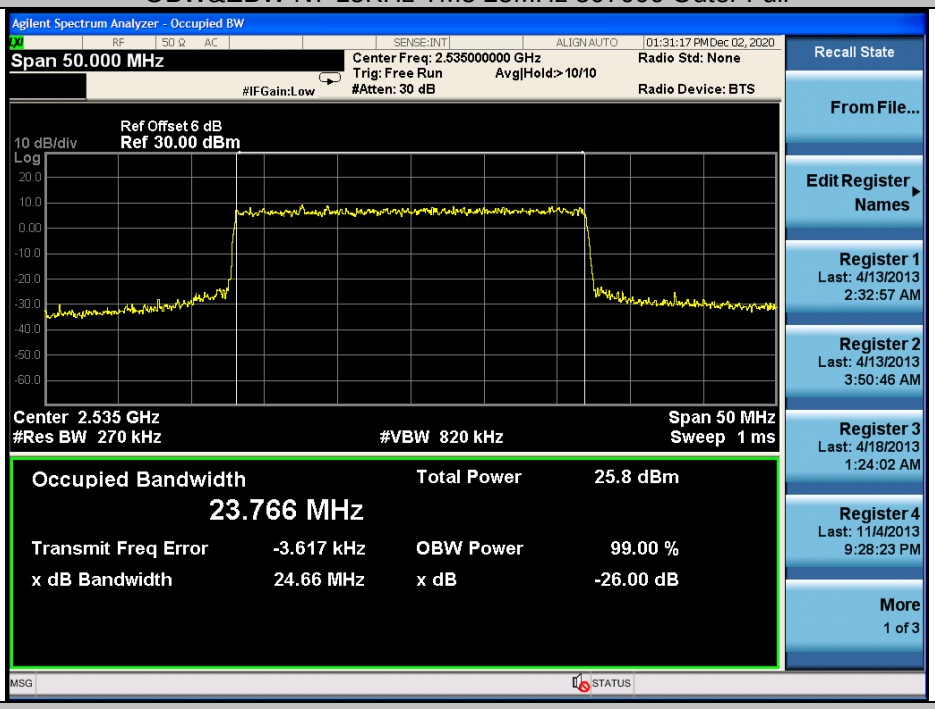
OBW&EBW N7 15KHz TM5 25MHz 507000 Outer Full



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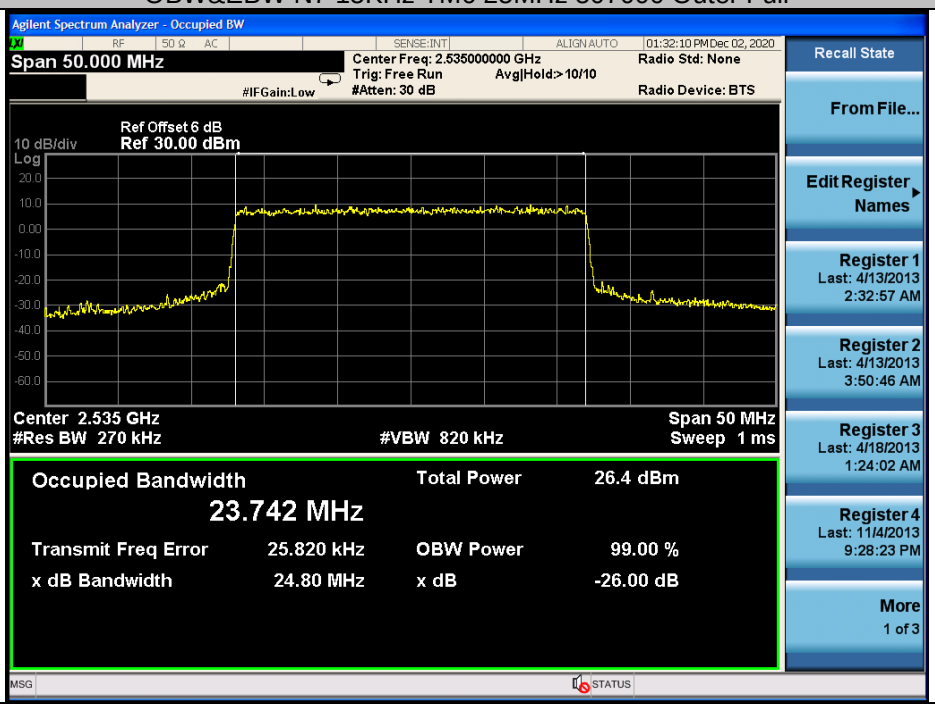

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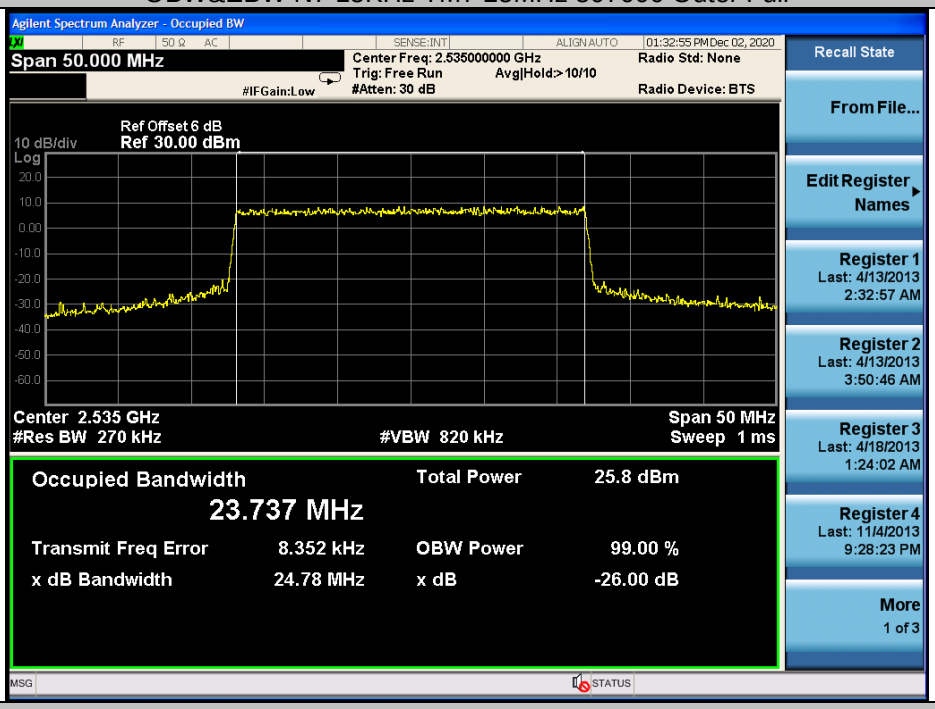
OBW&EBW N7 15KHz TM7 25MHz 507000 Outer Full



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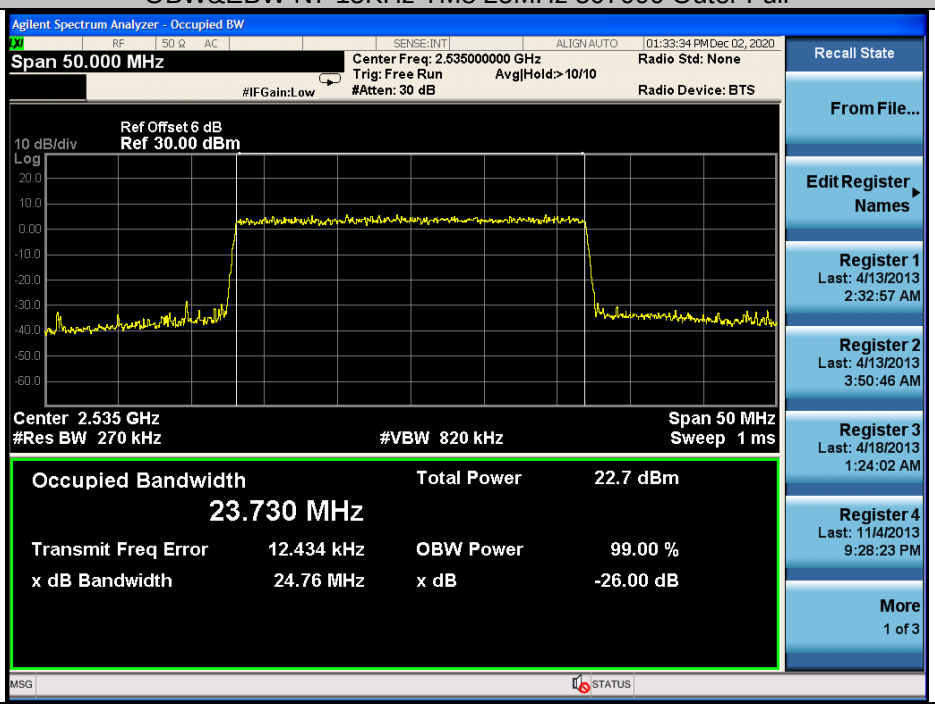

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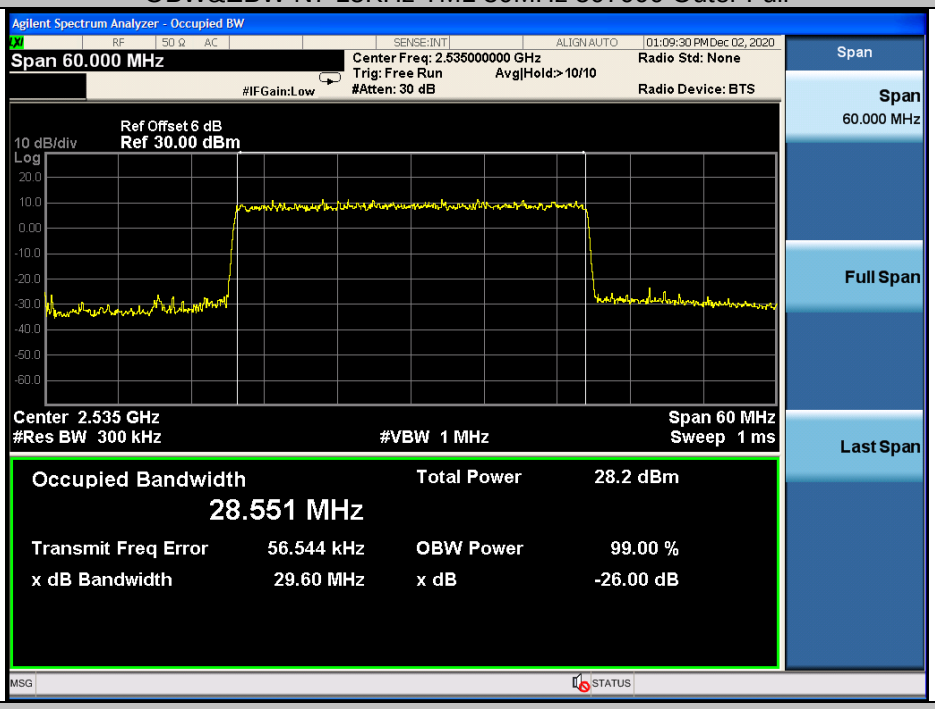
OBW&EBW N7 15KHz TM1 30MHz 507000 Outer Full



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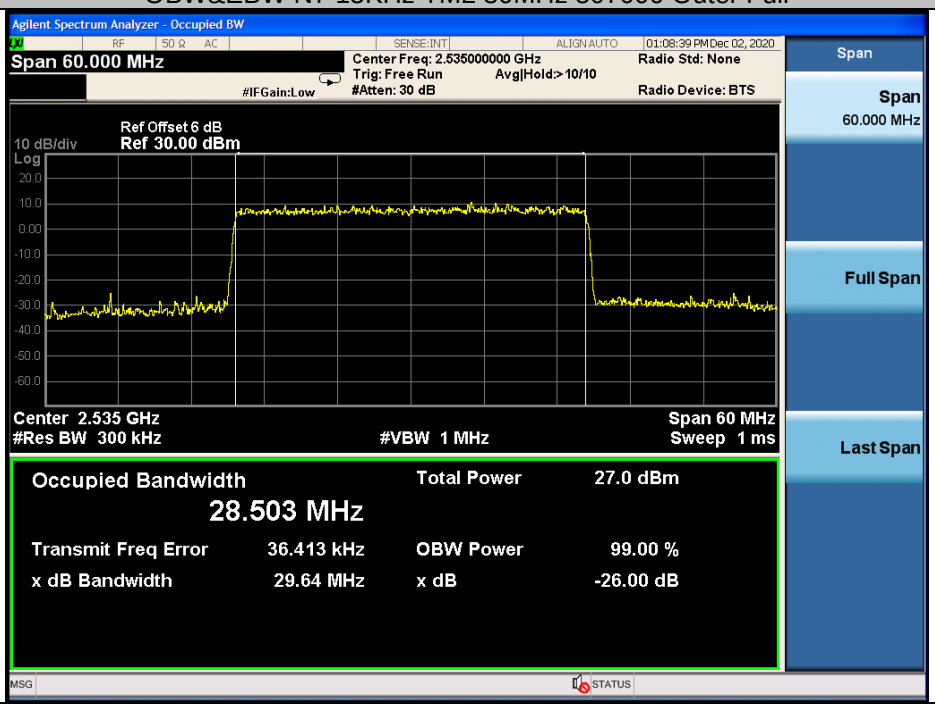

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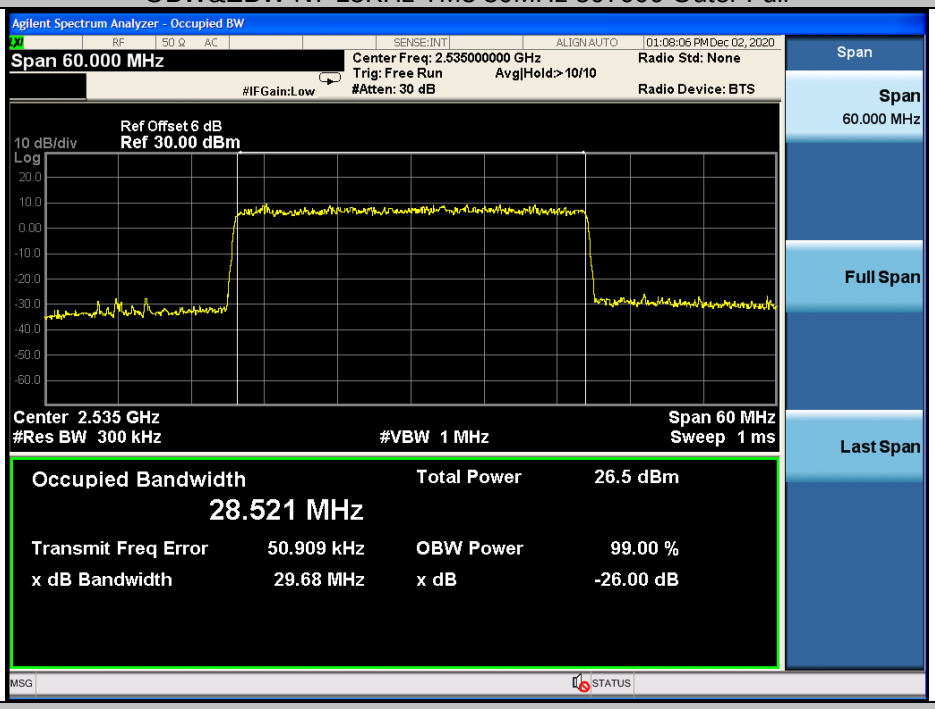
OBW&EBW N7 15KHz TM3 30MHz 507000 Outer Full



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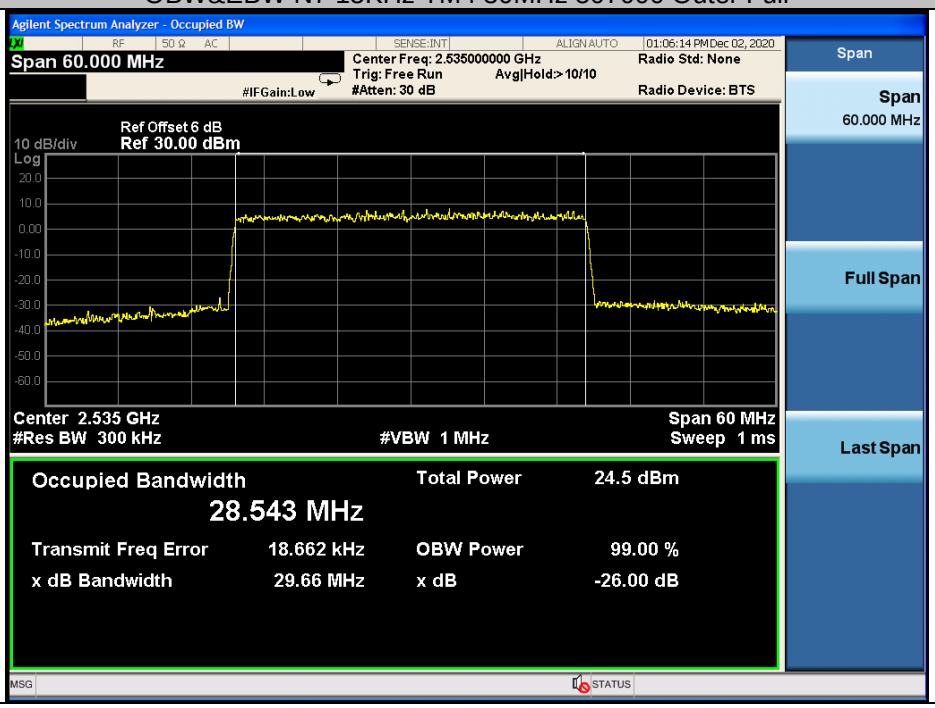

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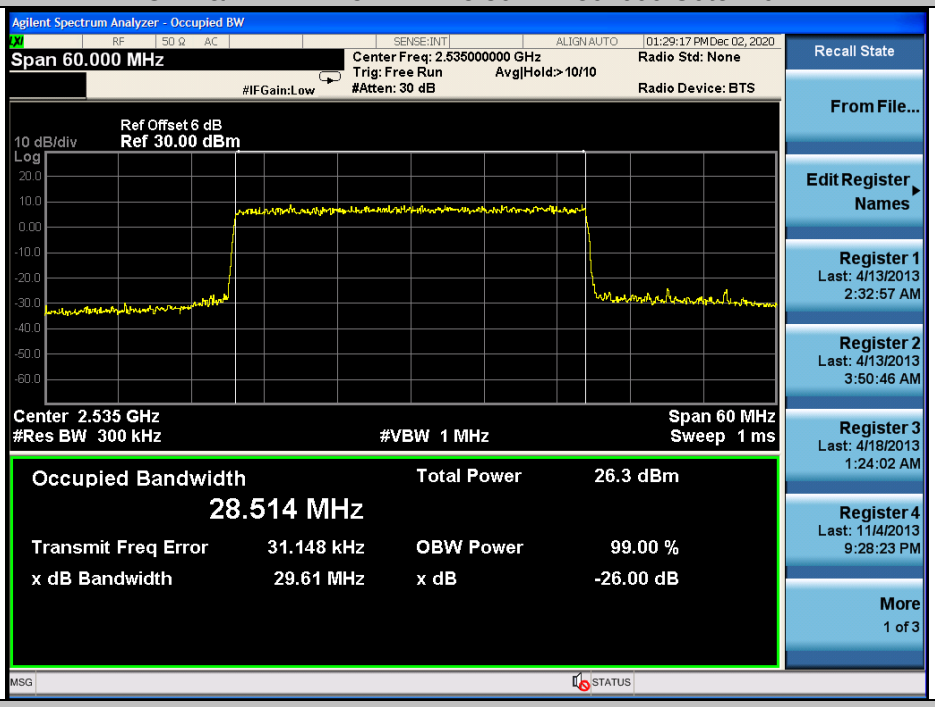
OBW&EBW N7 15KHz TM5 30MHz 507000 Outer Full



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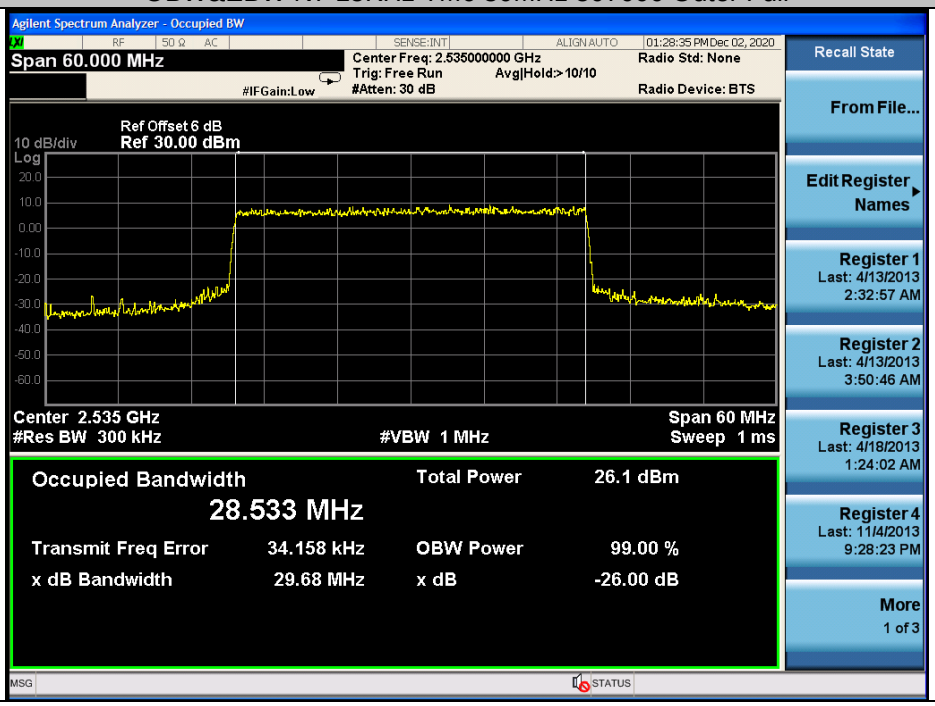

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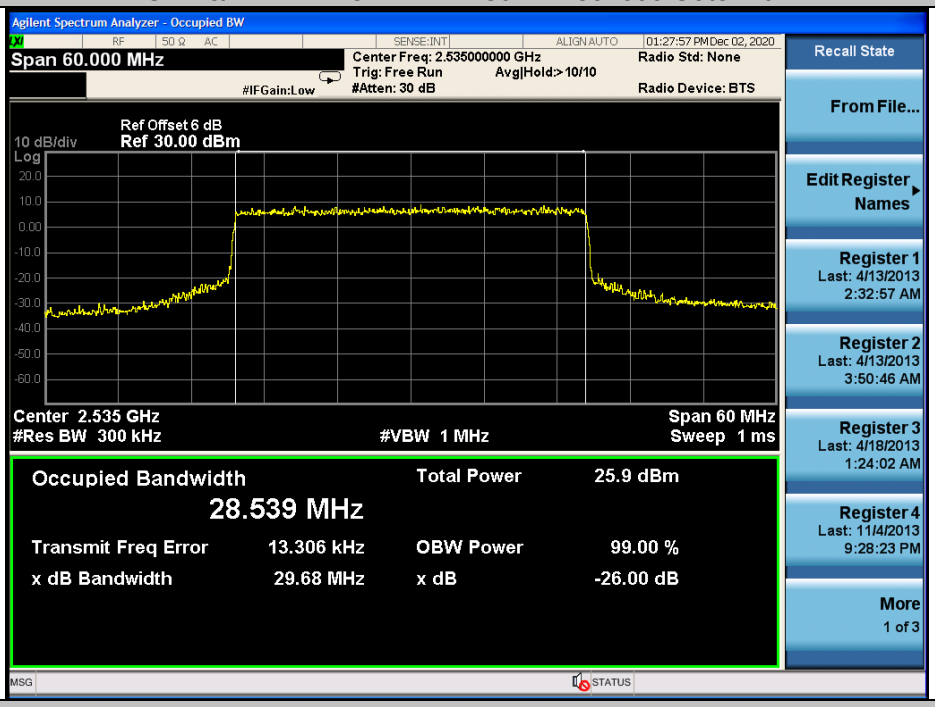
OBW&EBW N7 15KHz TM7 30MHz 507000 Outer Full



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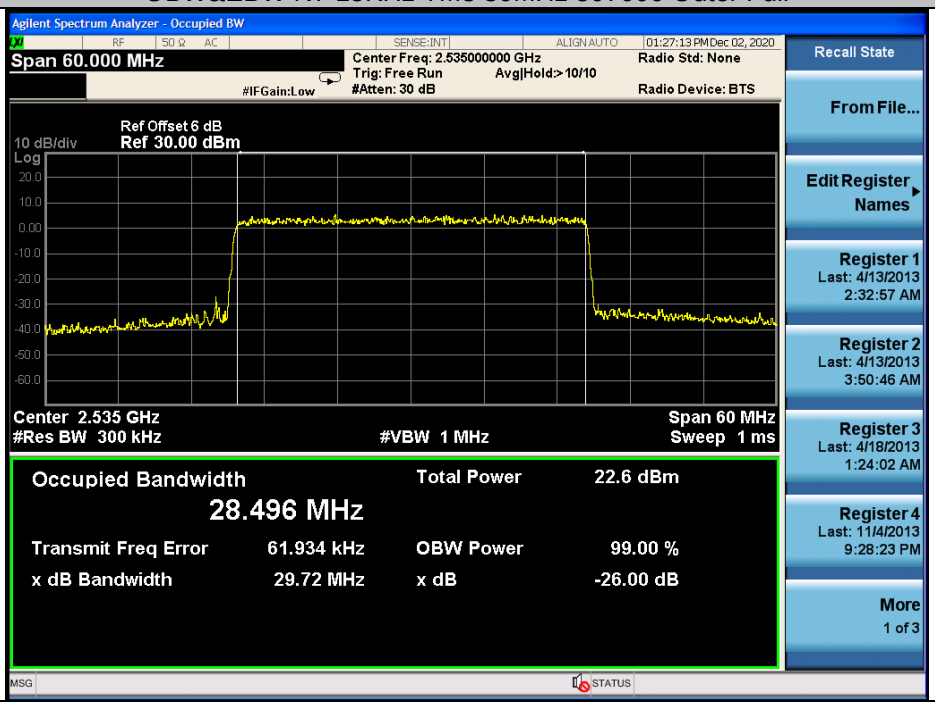

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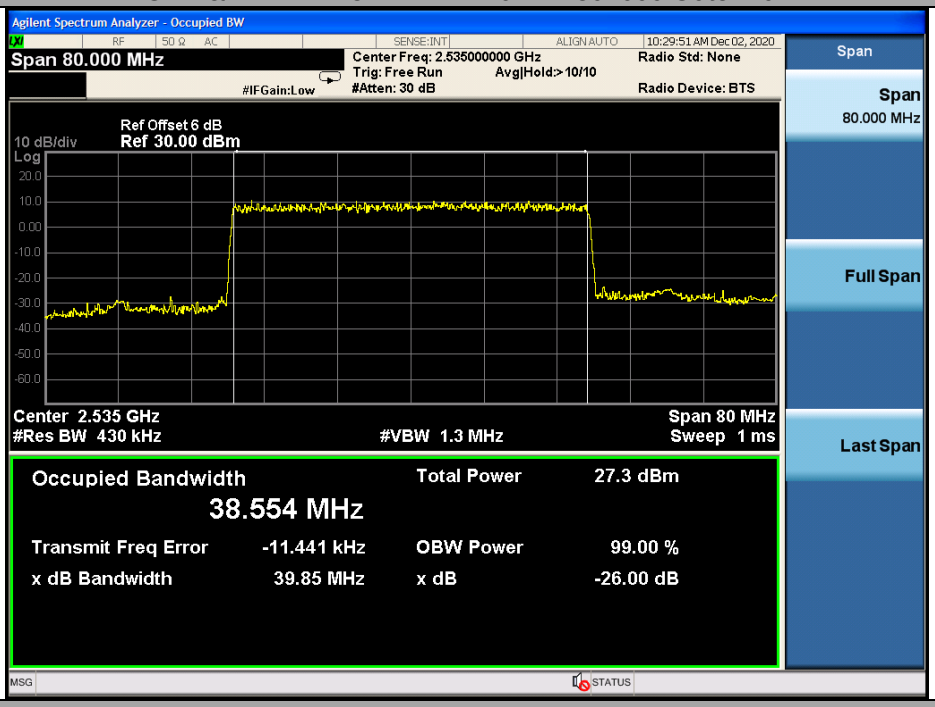
OBW&EBW N7 15KHz TM1 40MHz 507000 Outer Full



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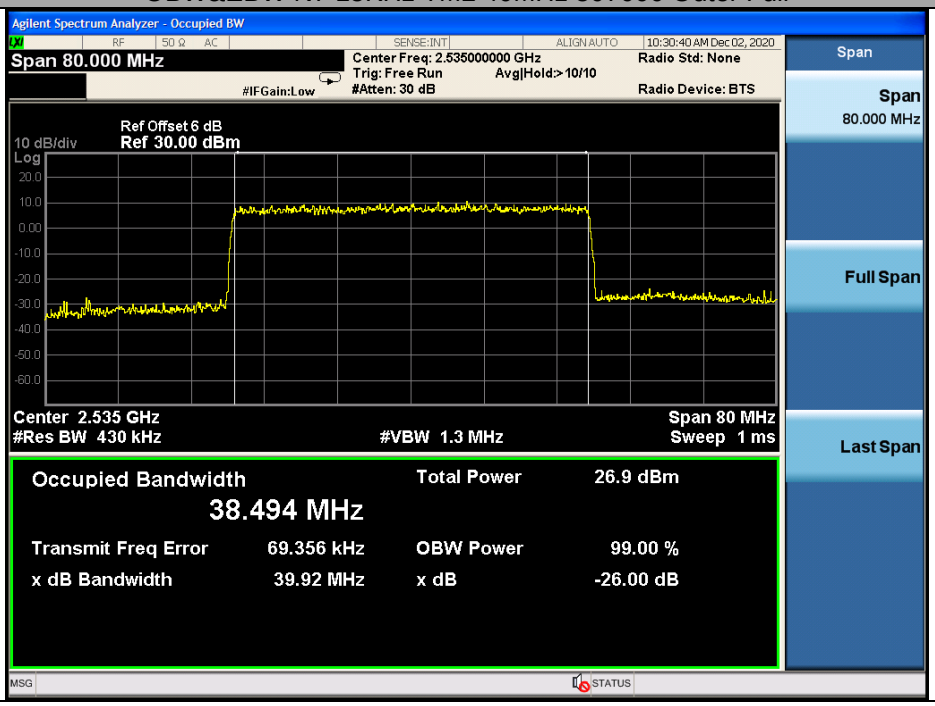

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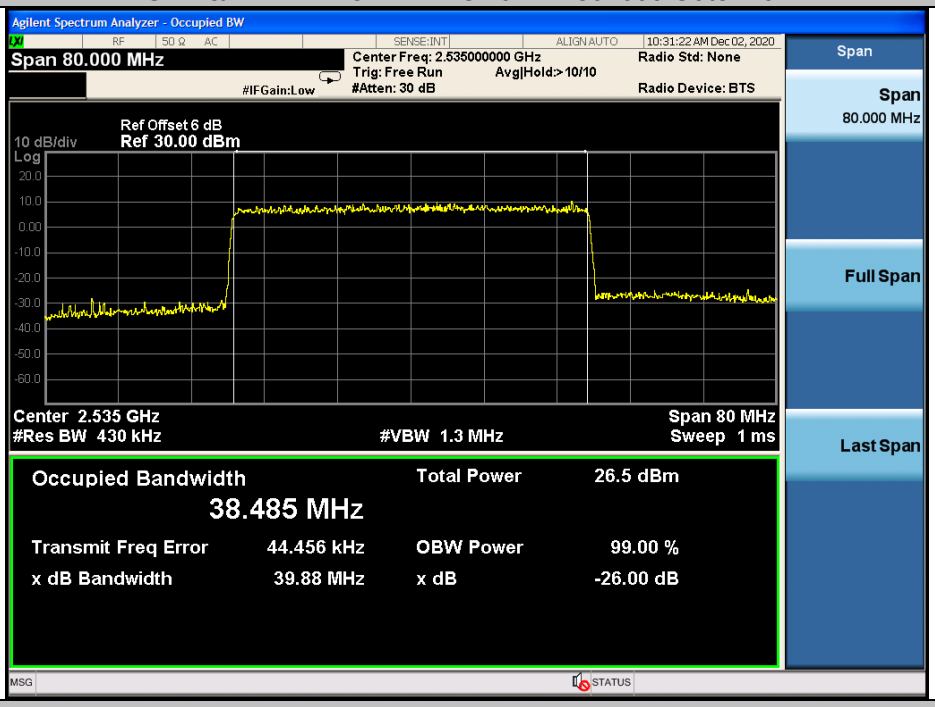
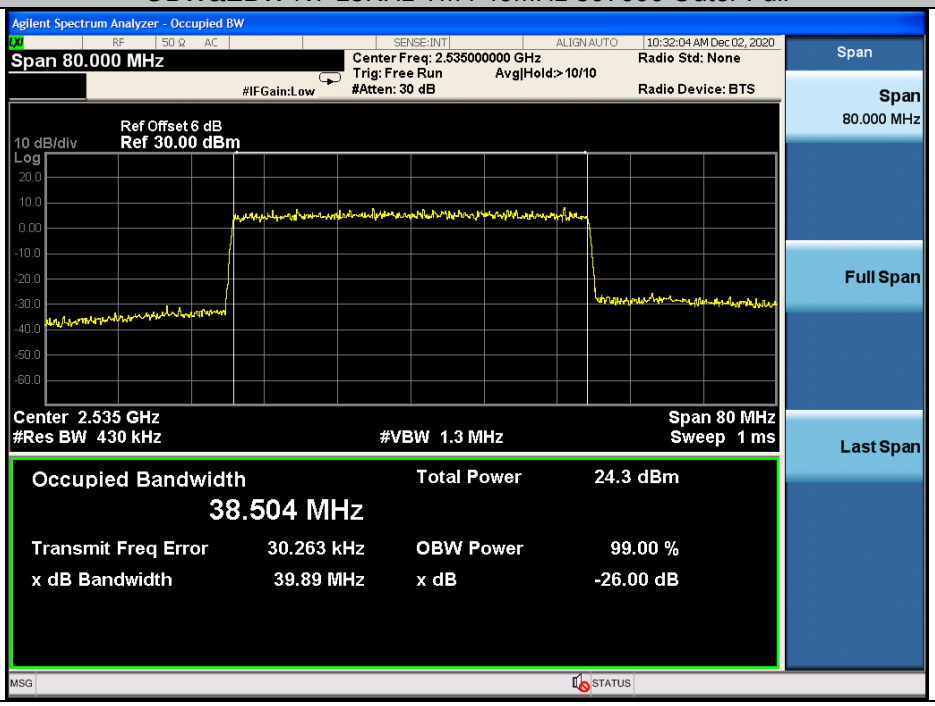
OBW&EBW N7 15KHz TM3 40MHz 507000 Outer Full



OBW&EBW N7 15KHz TM4 40MHz 507000 Outer Full



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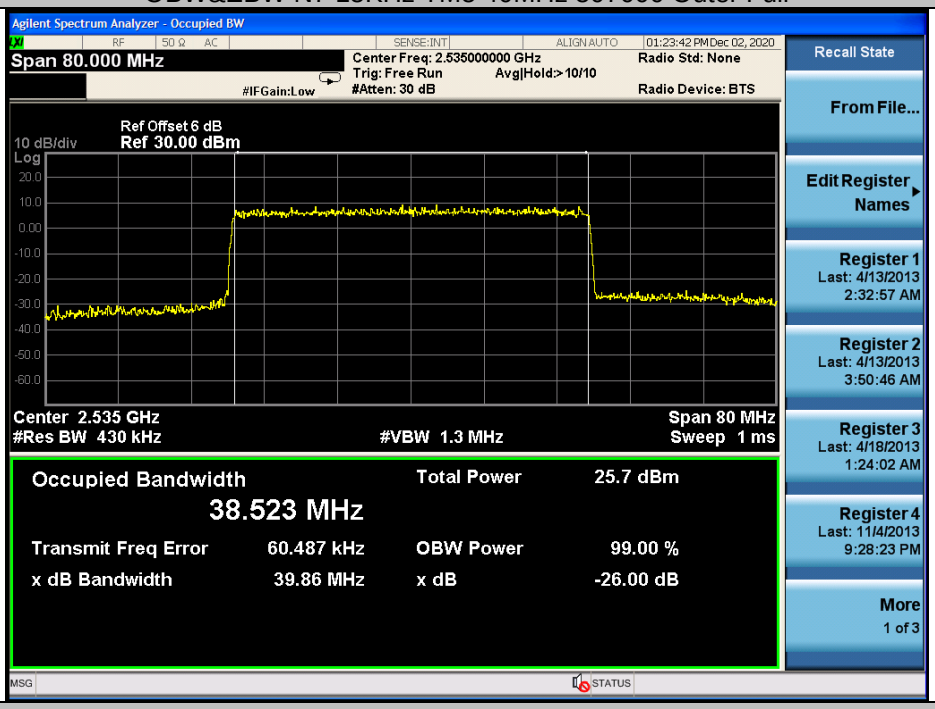
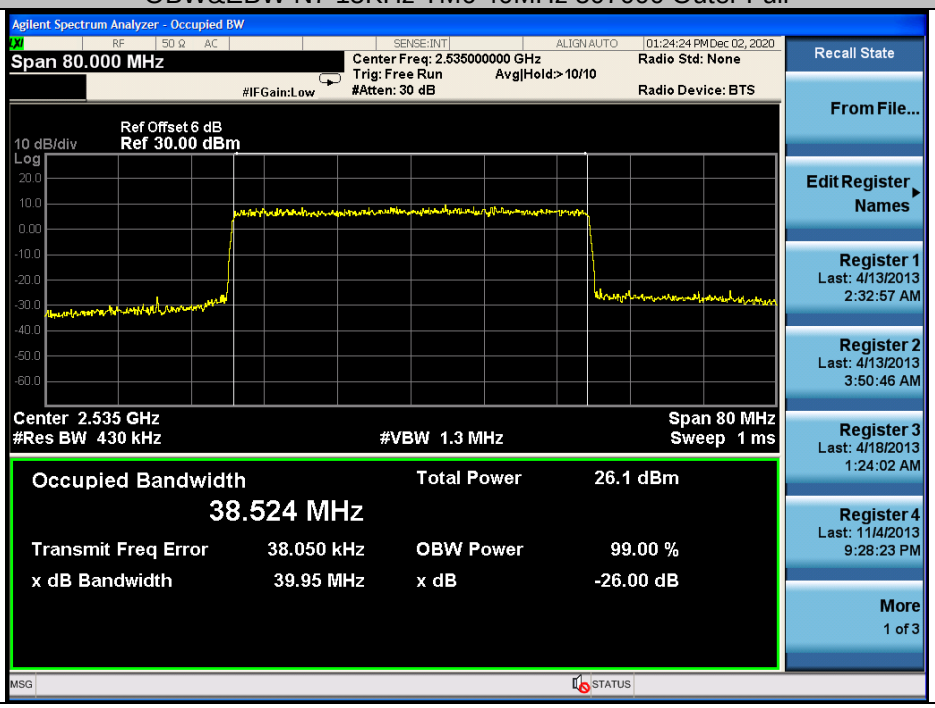
OBW&EBW N7 15KHz TM5 40MHz 507000 Outer Full



OBW&EBW N7 15KHz TM6 40MHz 507000 Outer Full



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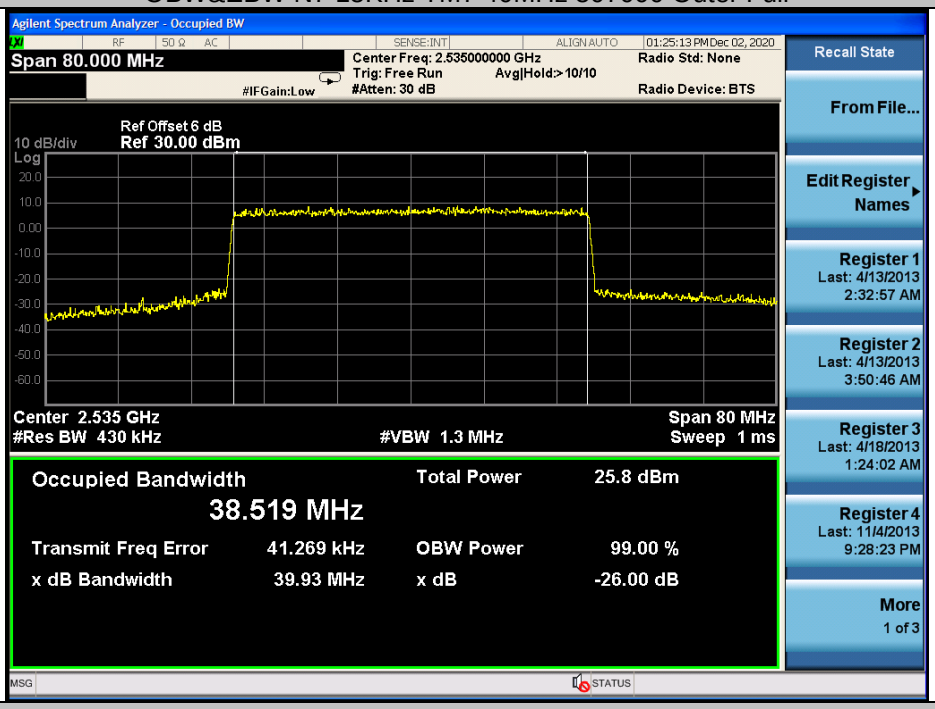
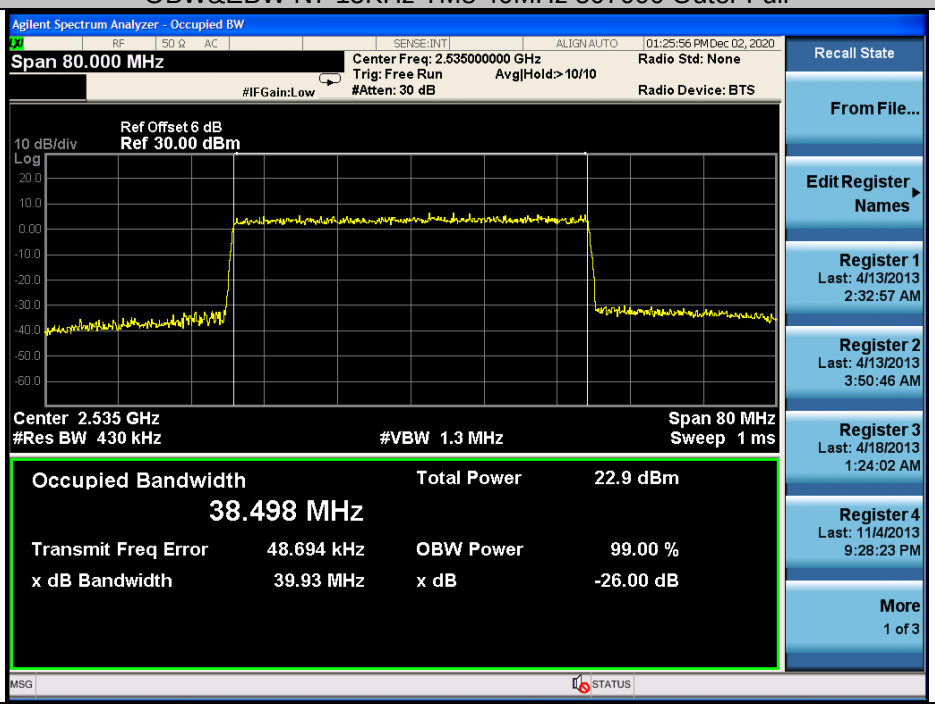
OBW&EBW N7 15KHz TM7 40MHz 507000 Outer Full



OBW&EBW N7 15KHz TM8 40MHz 507000 Outer Full



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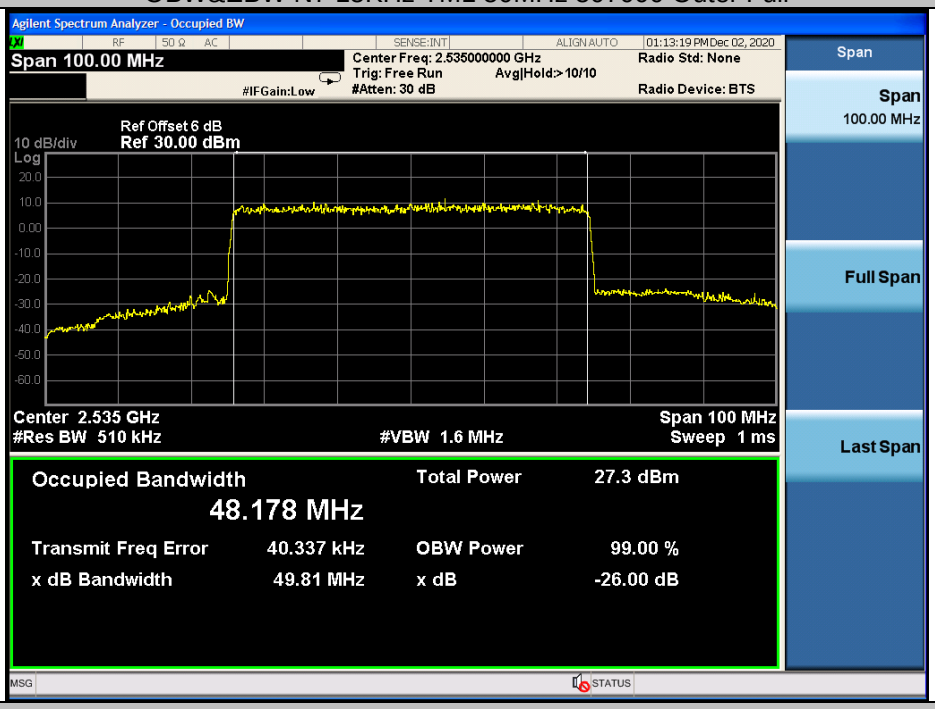
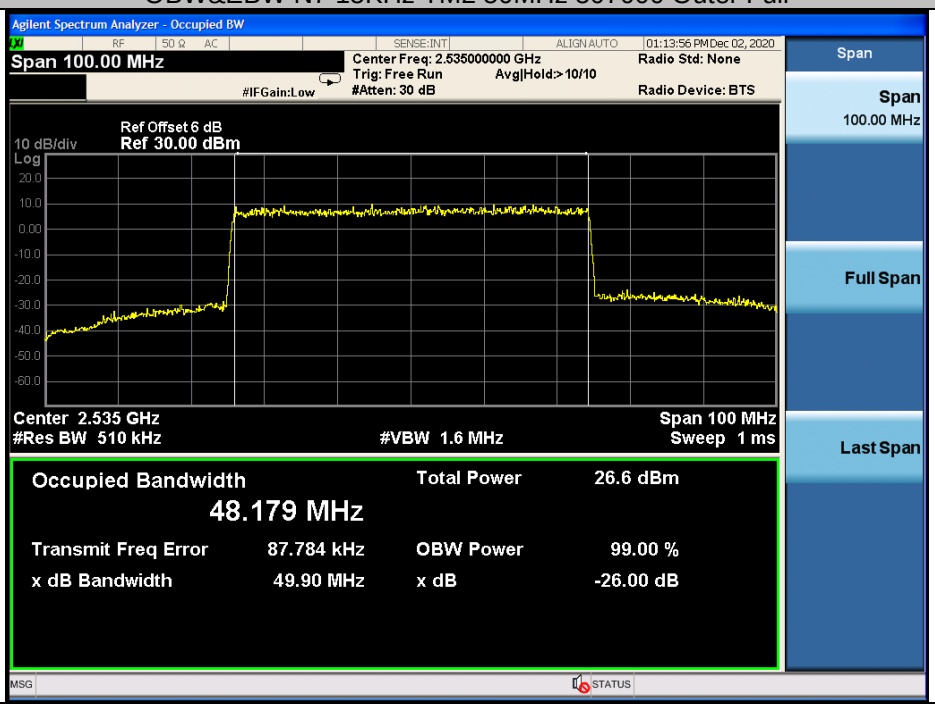
OBW&EBW N7 15KHz TM1 50MHz 507000 Outer Full



OBW&EBW N7 15KHz TM2 50MHz 507000 Outer Full



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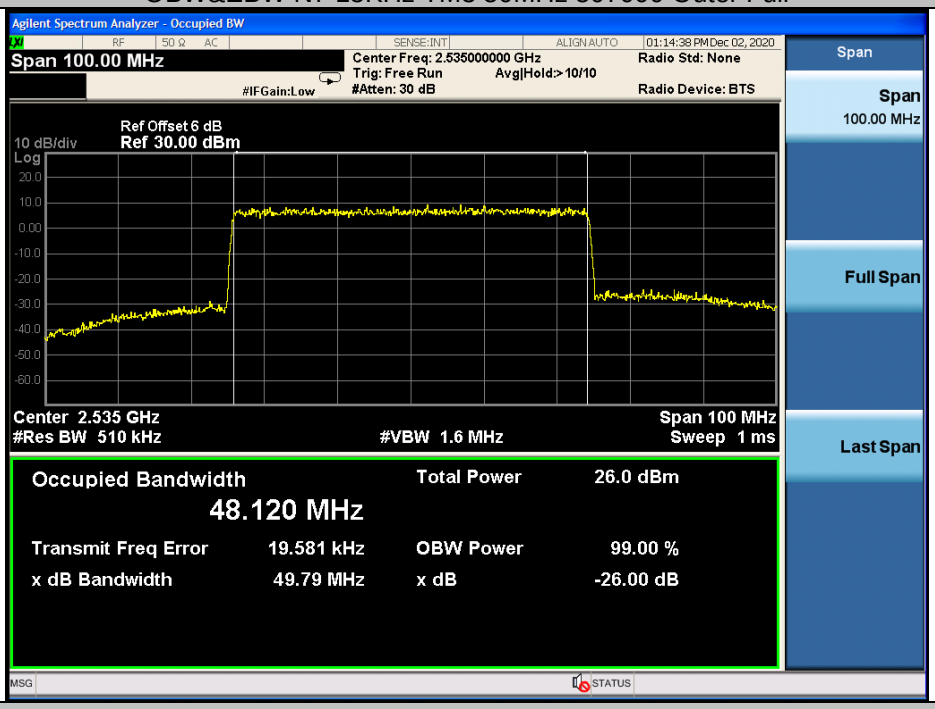
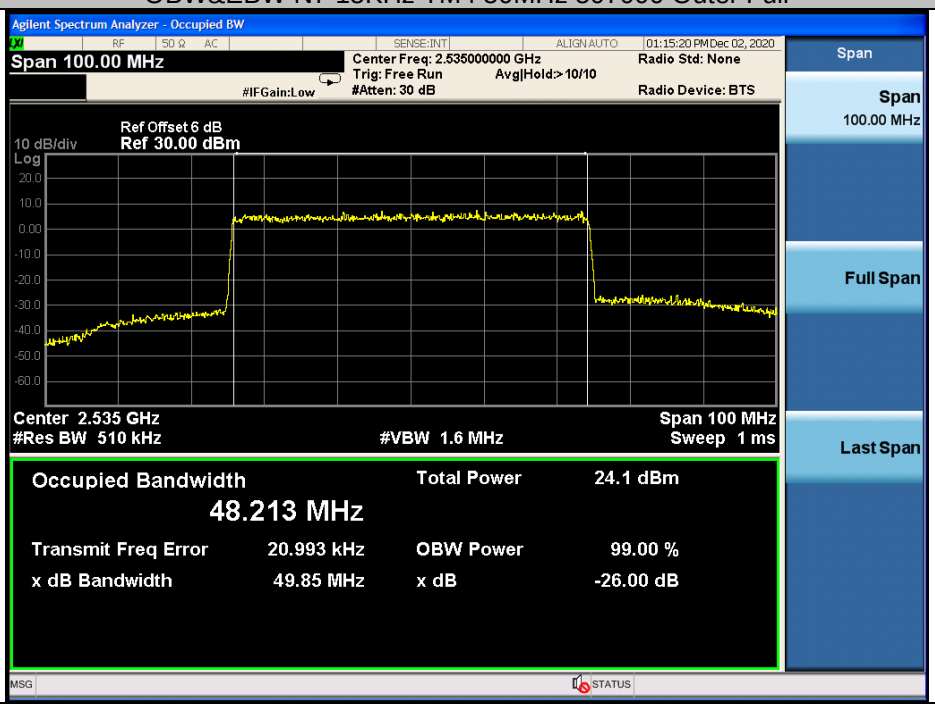
OBW&EBW N7 15KHz TM3 50MHz 507000 Outer Full



OBW&EBW N7 15KHz TM4 50MHz 507000 Outer Full



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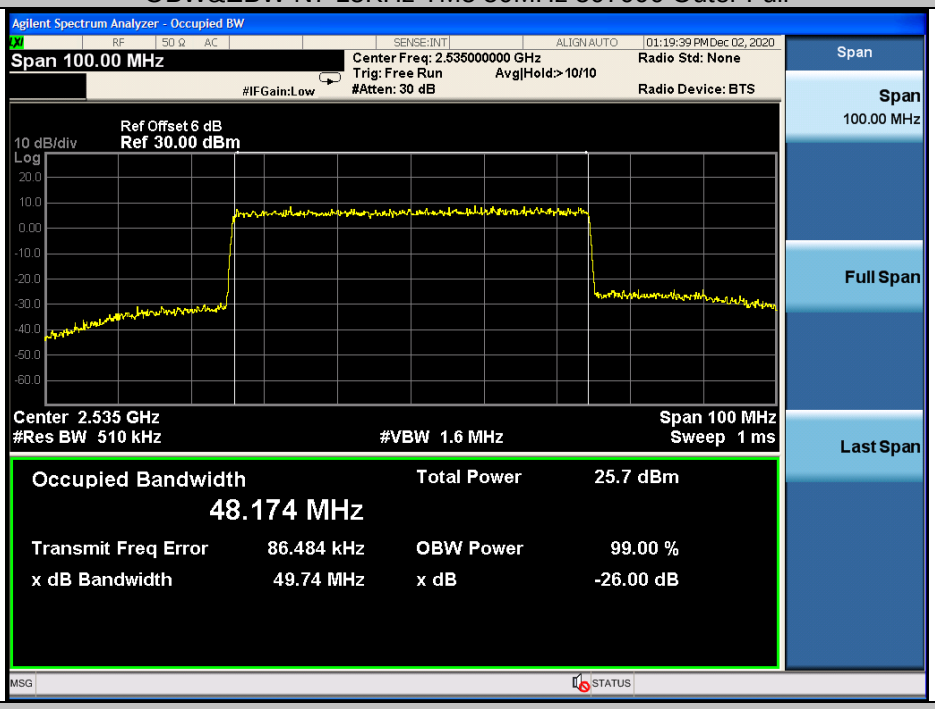
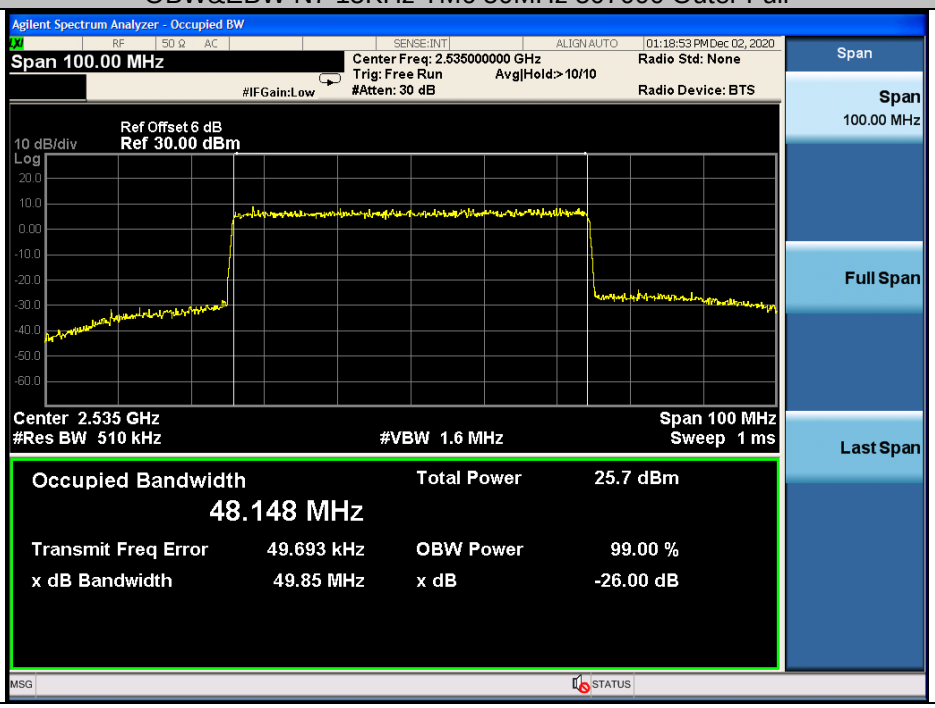
OBW&EBW N7 15KHz TM5 50MHz 507000 Outer Full



OBW&EBW N7 15KHz TM6 50MHz 507000 Outer Full



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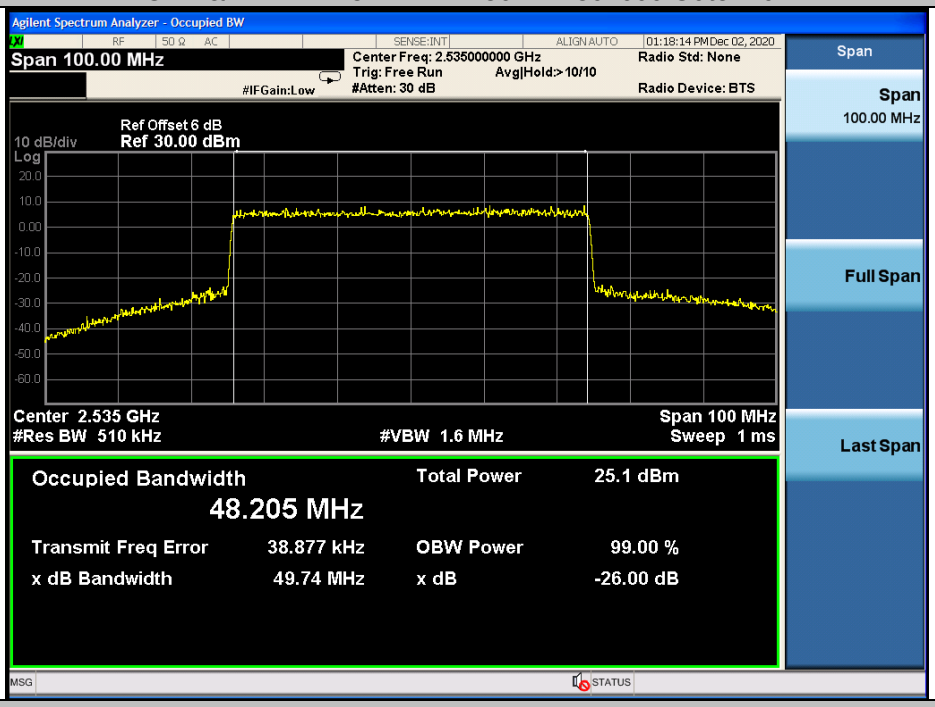
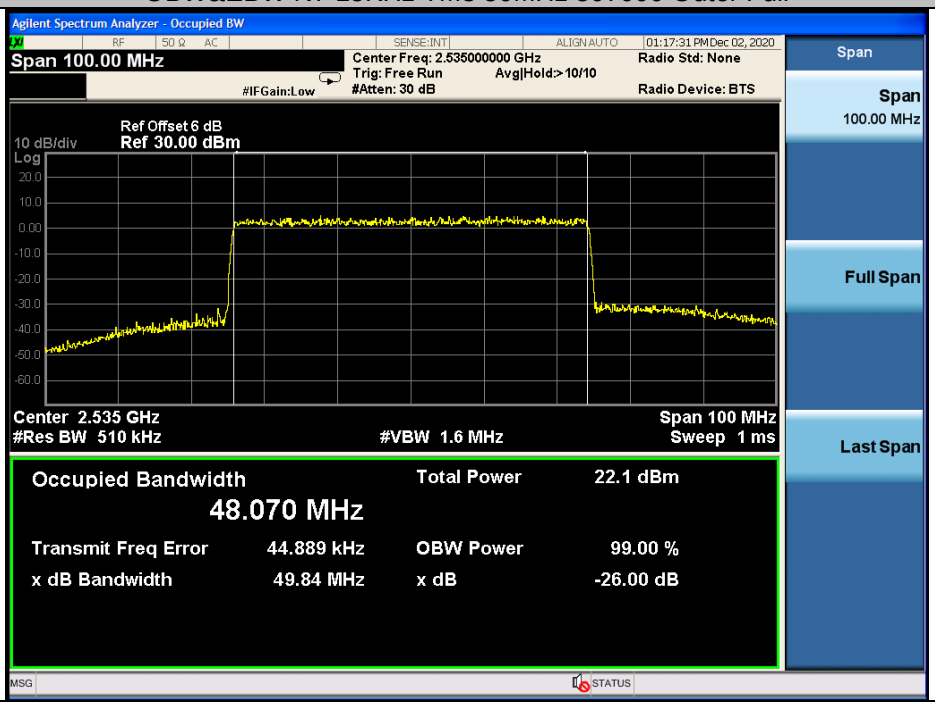
OBW&EBW N7 15KHz TM7 50MHz 507000 Outer Full



OBW&EBW N7 15KHz TM8 50MHz 507000 Outer Full



REMARK:
All antenna and all modulation had been tested, but only the worst case data displayed in this report.

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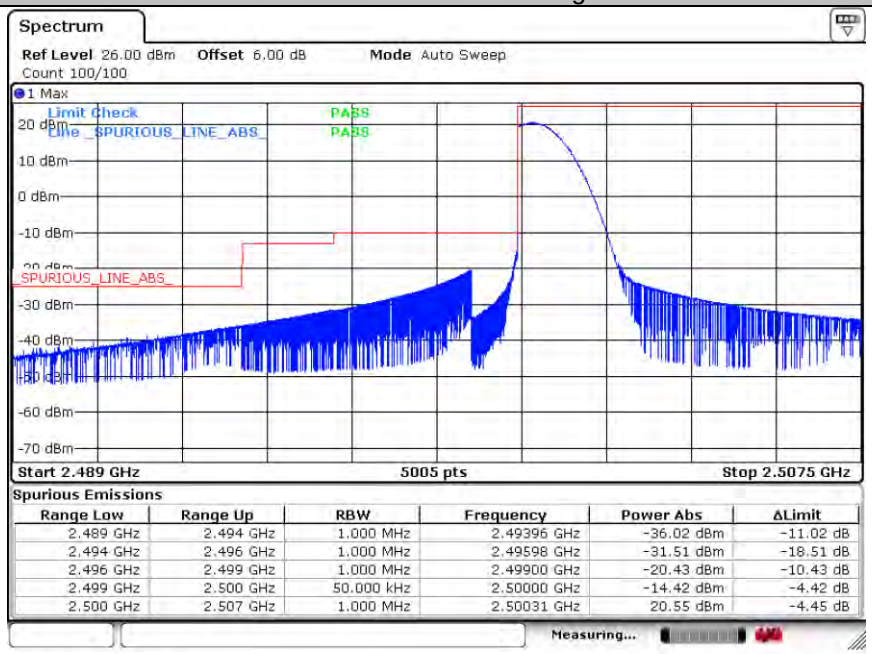
5 Band Edges Compliance

5.1 Test Plots

N7 15KHz TM1 5MHz 500500 Edge 1RB Left

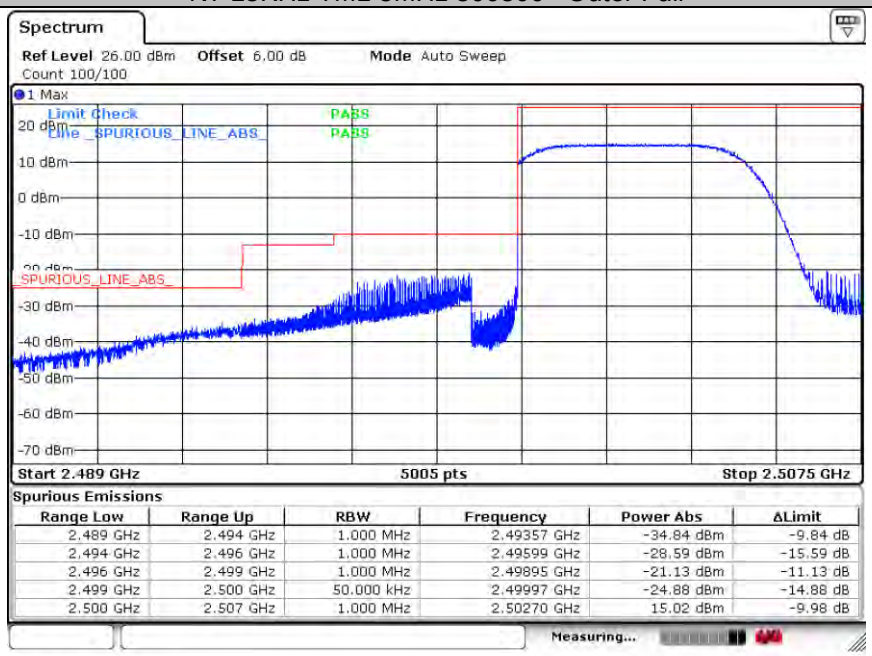


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.489 GHz	2.494 GHz	1.000 MHz	2.49396 GHz	-36.02 dBm	-11.02 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49598 GHz	-31.51 dBm	-18.51 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49900 GHz	-20.43 dBm	-10.43 dB
2.499 GHz	2.500 GHz	50.000 kHz	2.50000 GHz	-14.42 dBm	-4.42 dB
2.500 GHz	2.507 GHz	1.000 MHz	2.50031 GHz	20.55 dBm	-4.45 dB

Date: 5.DEC 2020 17:14:40

N7 15KHz TM1 5MHz 500500 Outer Full



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.489 GHz	2.494 GHz	1.000 MHz	2.49357 GHz	-34.84 dBm	-9.84 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49599 GHz	-28.59 dBm	-15.59 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49895 GHz	-21.13 dBm	-11.13 dB
2.499 GHz	2.500 GHz	50.000 kHz	2.49997 GHz	-24.88 dBm	-14.88 dB
2.500 GHz	2.507 GHz	1.000 MHz	2.50270 GHz	15.02 dBm	-9.98 dB

Date: 5.DEC 2020 17:13:01

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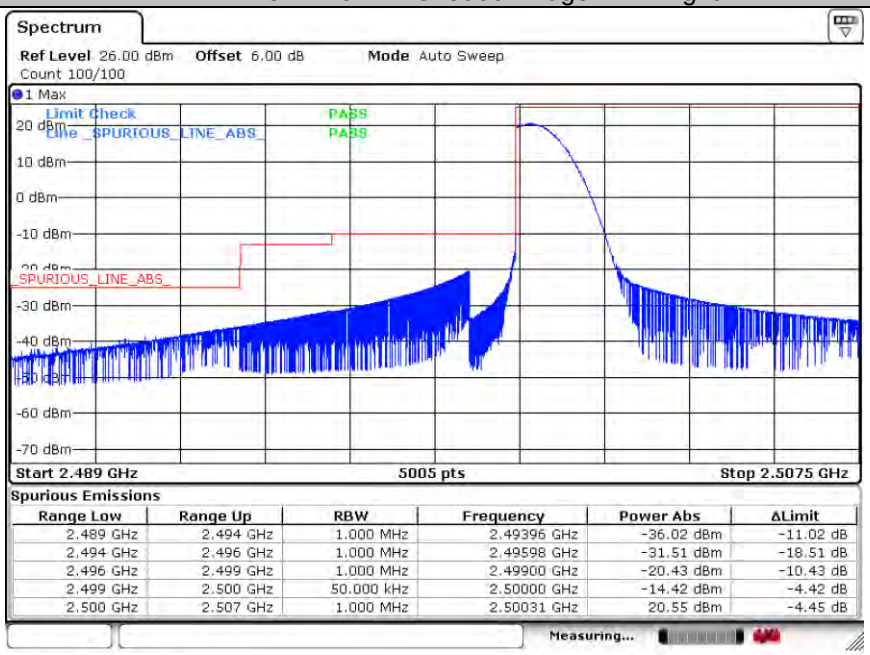
N7 TM1 15KHz 5MHz 513500 Edge 1RB Right

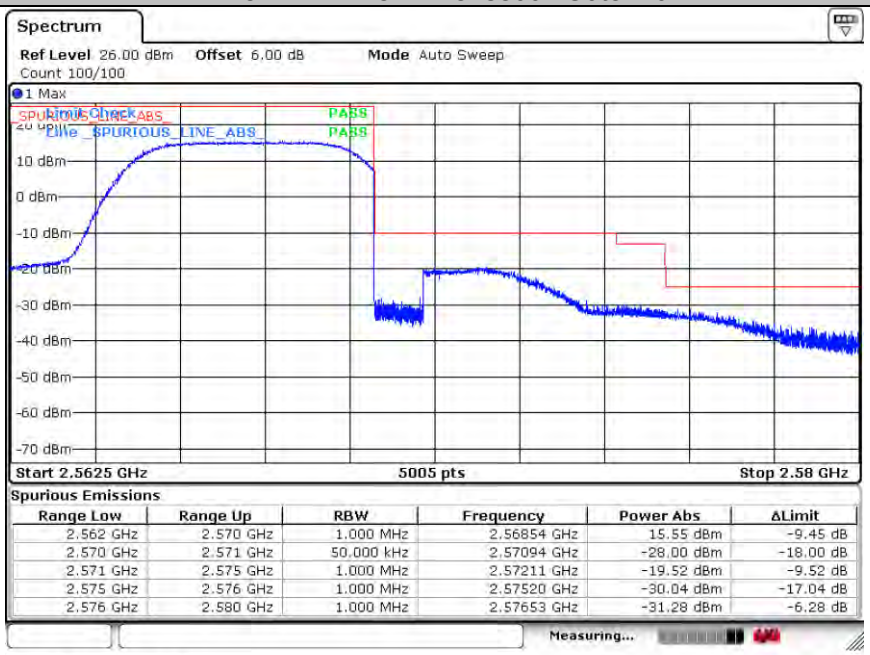


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.489 GHz	2.494 GHz	1.000 MHz	2.49396 GHz	-36.02 dBm	-11.02 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49598 GHz	-31.51 dBm	-18.51 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49900 GHz	-20.43 dBm	-10.43 dB
2.499 GHz	2.500 GHz	50.000 kHz	2.50000 GHz	-14.42 dBm	-4.42 dB
2.500 GHz	2.507 GHz	1.000 MHz	2.50031 GHz	20.55 dBm	-4.45 dB

Date: 5.DEC.2020 17:14:40

N7 15KHz TM1 5MHz 513500 Outer Full



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.562 GHz	2.570 GHz	1.000 MHz	2.56854 GHz	15.55 dBm	-9.45 dB
2.570 GHz	2.571 GHz	50.000 kHz	2.57094 GHz	-28.00 dBm	-18.00 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57211 GHz	-19.52 dBm	-9.52 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57520 GHz	-30.04 dBm	-17.04 dB
2.576 GHz	2.580 GHz	1.000 MHz	2.57653 GHz	-31.28 dBm	-6.28 dB

Date: 10.DEC.2020 21:30:28

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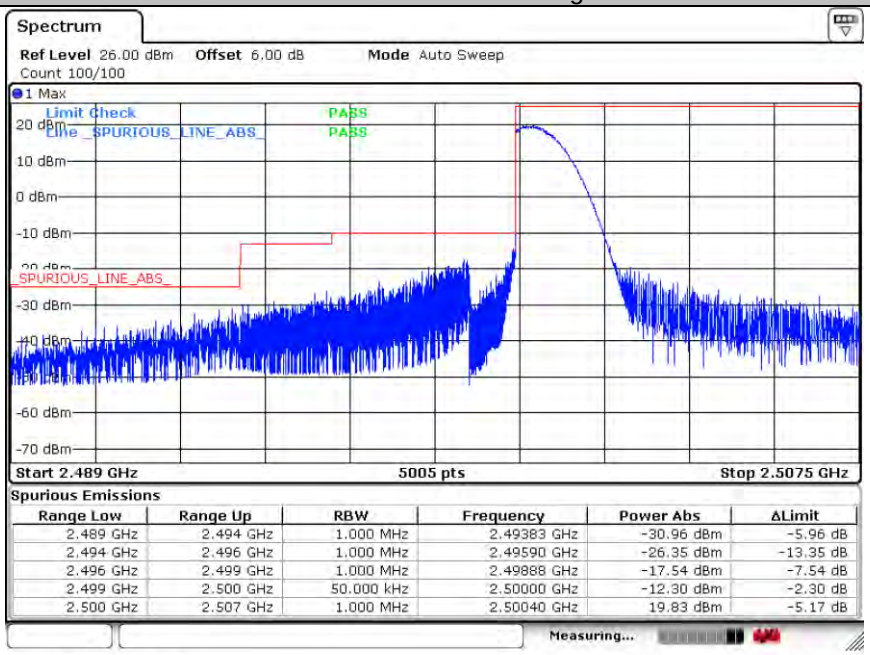
N7 15KHz TM5 5MHz 500500 Edge 1RB Left

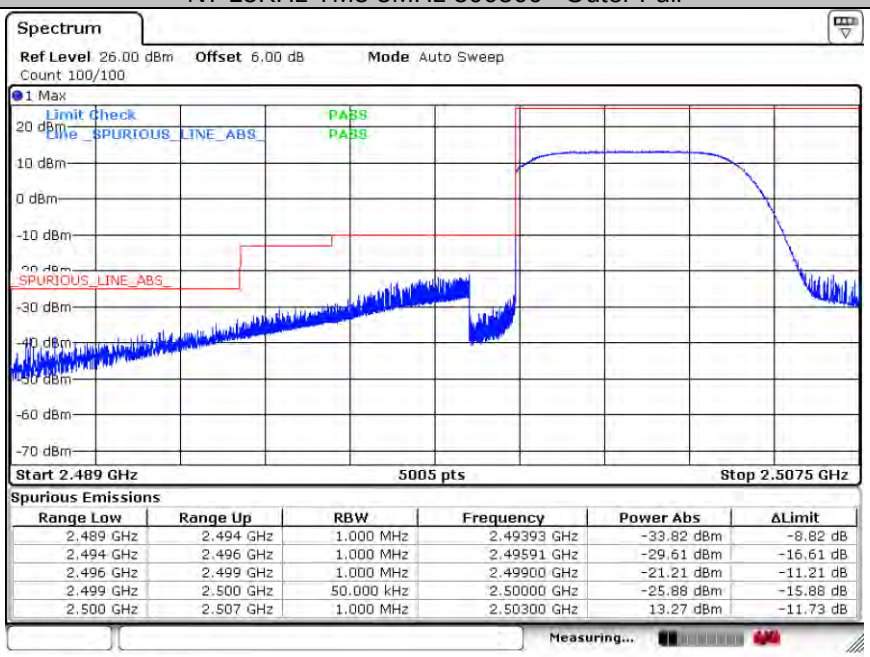


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.489 GHz	2.494 GHz	1.000 MHz	2.49383 GHz	-30.96 dBm	-5.96 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49590 GHz	-26.35 dBm	-13.35 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49888 GHz	-17.54 dBm	-7.54 dB
2.499 GHz	2.500 GHz	50.000 kHz	2.50000 GHz	-12.30 dBm	-2.30 dB
2.500 GHz	2.507 GHz	1.000 MHz	2.50040 GHz	19.83 dBm	-5.17 dB

Date: 10.DEC.2020 19:52:23

N7 15KHz TM5 5MHz 500500 Outer Full



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.489 GHz	2.494 GHz	1.000 MHz	2.49393 GHz	-33.82 dBm	-8.82 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49591 GHz	-29.61 dBm	-16.61 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49900 GHz	-21.21 dBm	-11.21 dB
2.499 GHz	2.500 GHz	50.000 kHz	2.50000 GHz	-25.88 dBm	-15.88 dB
2.500 GHz	2.507 GHz	1.000 MHz	2.50300 GHz	13.27 dBm	-11.73 dB

Date: 10.DEC.2020 19:50:45

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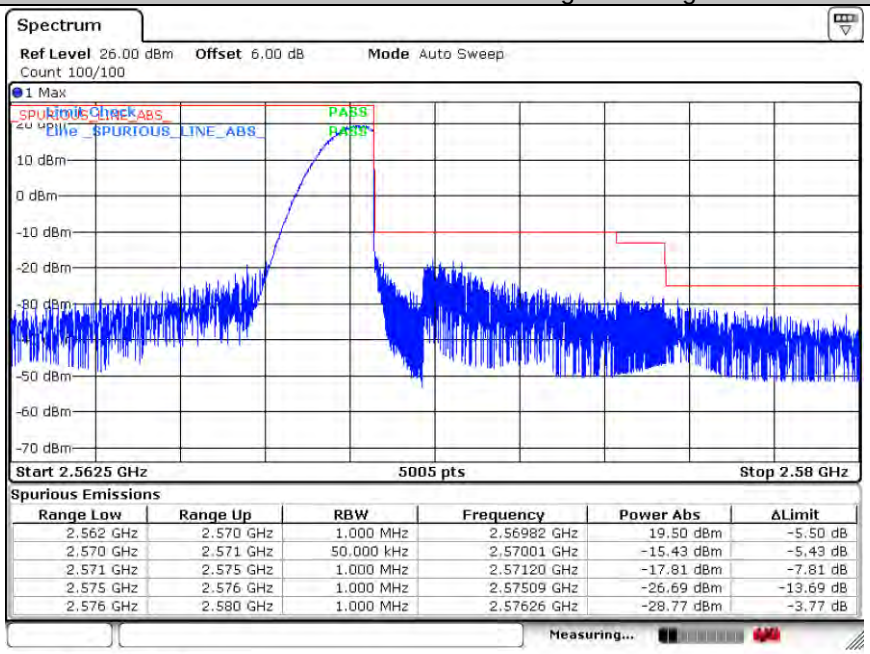
N7 15KHz TM5 5MHz 513500 Edge 1RB Right

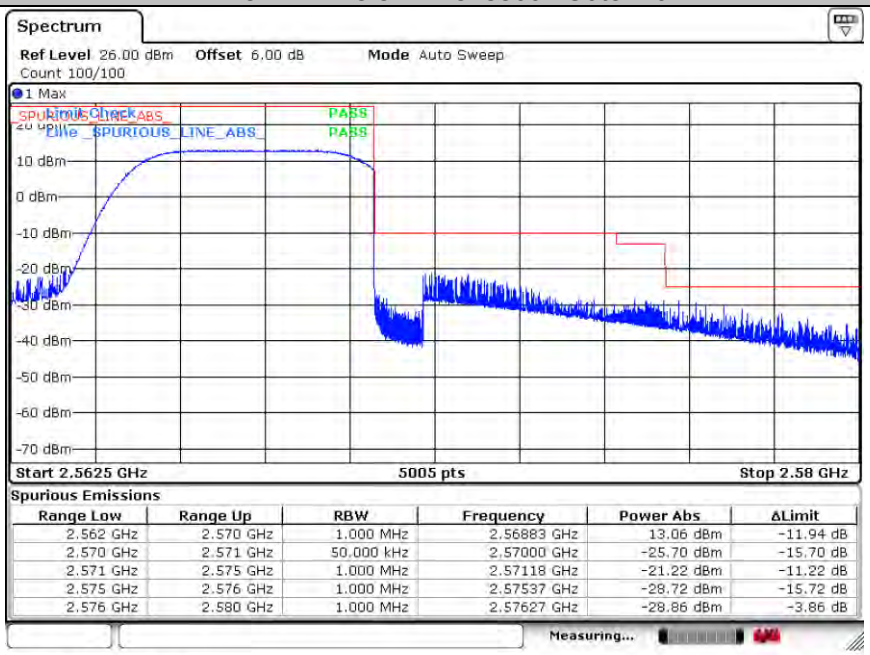


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.562 GHz	2.570 GHz	1.000 MHz	2.56982 GHz	19.50 dBm	-5.50 dB
2.570 GHz	2.571 GHz	50.000 kHz	2.57001 GHz	-15.43 dBm	-5.43 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57120 GHz	-17.81 dBm	-7.81 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57509 GHz	-26.69 dBm	-13.69 dB
2.576 GHz	2.580 GHz	1.000 MHz	2.57626 GHz	-28.77 dBm	-3.77 dB

Date: 10.DEC.2020 19:57:10

N7 15KHz TM5 5MHz 513500 Outer Full



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.562 GHz	2.570 GHz	1.000 MHz	2.56883 GHz	13.06 dBm	-11.94 dB
2.570 GHz	2.571 GHz	50.000 kHz	2.57000 GHz	-25.70 dBm	-15.70 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57118 GHz	-21.22 dBm	-11.22 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57537 GHz	-28.72 dBm	-15.72 dB
2.576 GHz	2.580 GHz	1.000 MHz	2.57627 GHz	-28.86 dBm	-3.86 dB

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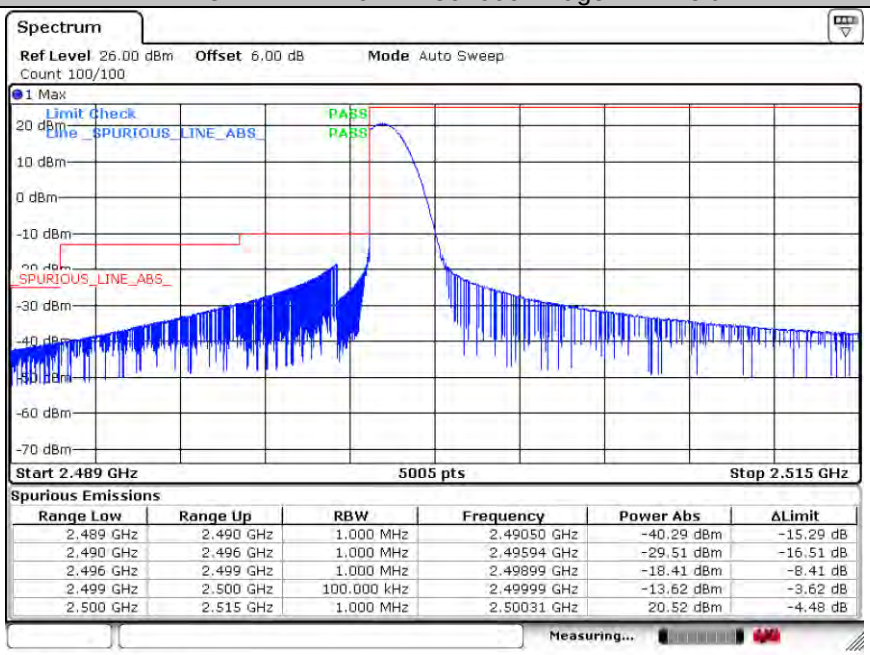
N7 15KHz TM1 10MHz 501000 Edge 1RB Left

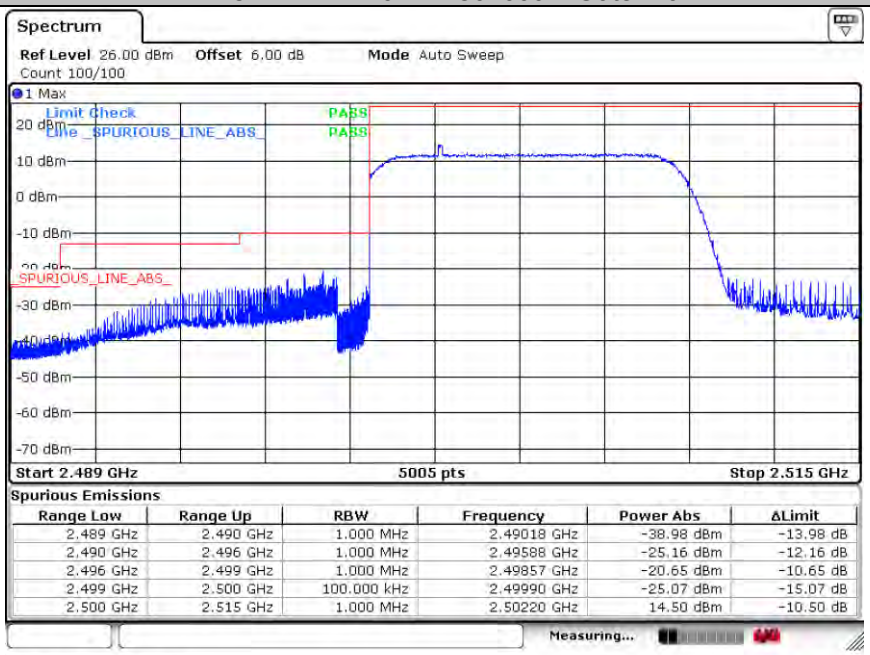


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.489 GHz	2.490 GHz	1.000 MHz	2.49050 GHz	-40.29 dBm	-15.29 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49594 GHz	-29.51 dBm	-16.51 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49899 GHz	-18.41 dBm	-8.41 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.49999 GHz	-13.62 dBm	-3.62 dB
2.500 GHz	2.515 GHz	1.000 MHz	2.50031 GHz	20.52 dBm	-4.48 dB

Date: 5.DEC.2020 17:18:39

N7 15KHz TM1 10MHz 501000 Outer Full



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.489 GHz	2.490 GHz	1.000 MHz	2.49018 GHz	-38.98 dBm	-13.98 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49588 GHz	-25.16 dBm	-12.16 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49857 GHz	-20.65 dBm	-10.65 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.49990 GHz	-25.07 dBm	-15.07 dB
2.500 GHz	2.515 GHz	1.000 MHz	2.50220 GHz	14.50 dBm	-10.50 dB

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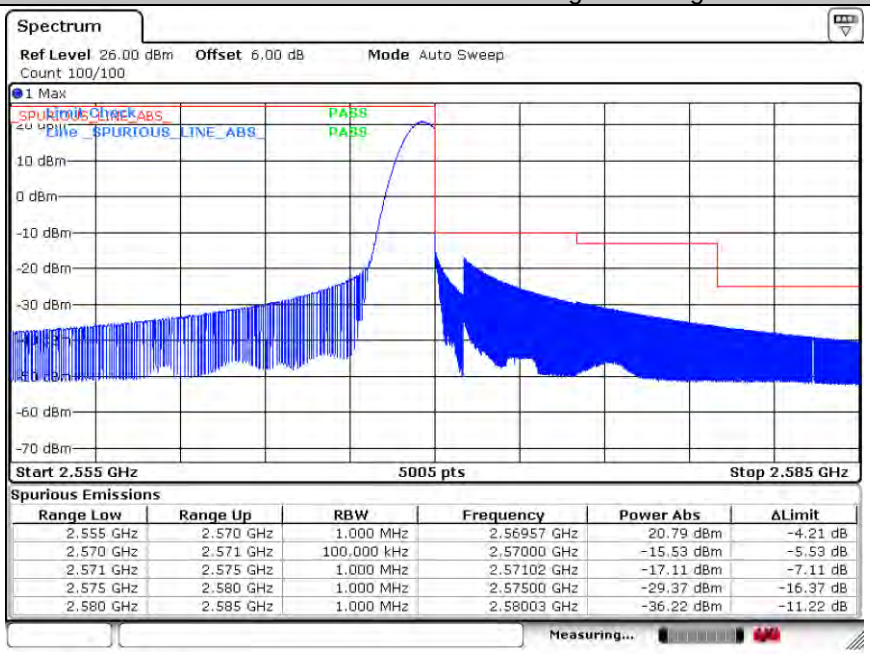
N7 15KHz TM1 10MHz 513000 Edge 1RB Right

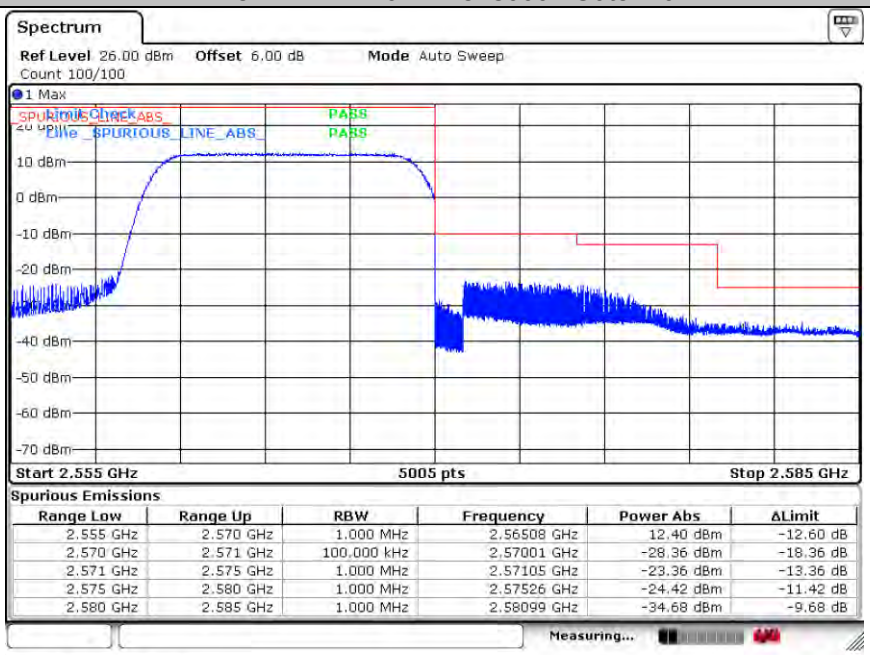


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	1.000 MHz	2.56957 GHz	20.79 dBm	-4.21 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57000 GHz	-15.53 dBm	-5.53 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57102 GHz	-17.11 dBm	-7.11 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57500 GHz	-29.37 dBm	-16.37 dB
2.580 GHz	2.585 GHz	1.000 MHz	2.58003 GHz	-36.22 dBm	-11.22 dB

Date: 10.DEC.2020 21:27:19

N7 15KHz TM1 10MHz 513000 Outer Full



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	1.000 MHz	2.56508 GHz	12.40 dBm	-12.60 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57001 GHz	-28.36 dBm	-18.36 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57105 GHz	-23.36 dBm	-13.36 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57526 GHz	-24.42 dBm	-11.42 dB
2.580 GHz	2.585 GHz	1.000 MHz	2.58099 GHz	-34.68 dBm	-9.68 dB

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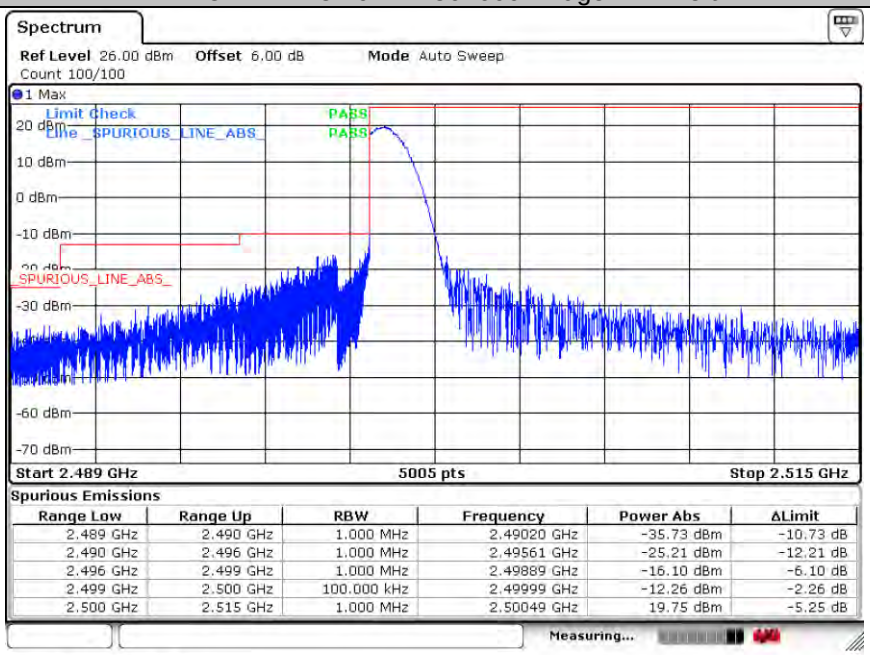
N7 15KHz TM5 10MHz 501000 Edge 1RB Left

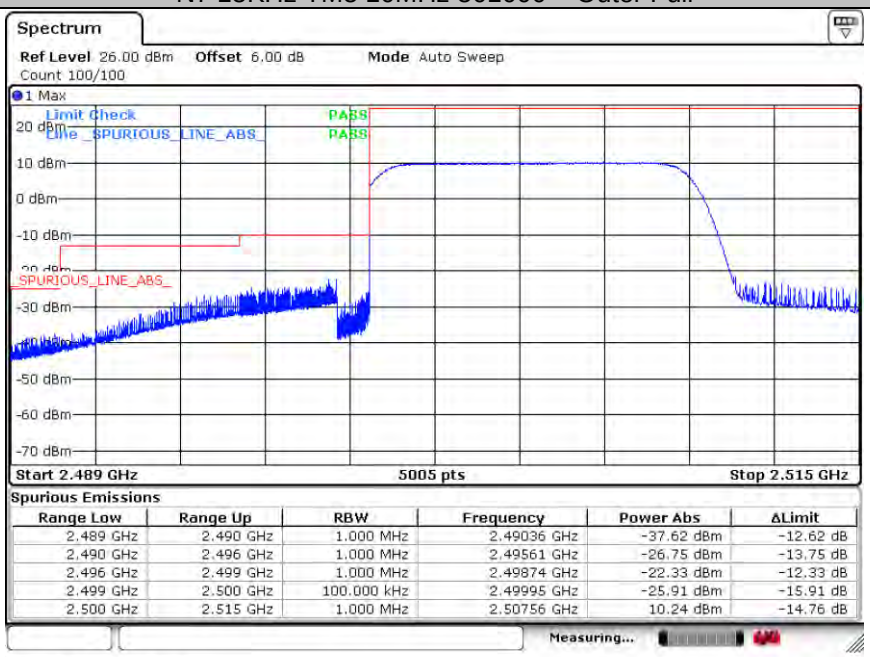


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.489 GHz	2.490 GHz	1.000 MHz	2.49020 GHz	-35.73 dBm	-10.73 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49561 GHz	-25.21 dBm	-12.21 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49889 GHz	-16.10 dBm	-6.10 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.49999 GHz	-12.26 dBm	-2.26 dB
2.500 GHz	2.515 GHz	1.000 MHz	2.50049 GHz	19.75 dBm	-5.25 dB

Date: 10.DEC.2020 19:33:39

N7 15KHz TM5 10MHz 501000 Outer Full



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.489 GHz	2.490 GHz	1.000 MHz	2.49036 GHz	-37.62 dBm	-12.62 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49561 GHz	-26.75 dBm	-13.75 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49874 GHz	-22.33 dBm	-12.33 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.49995 GHz	-25.91 dBm	-15.91 dB
2.500 GHz	2.515 GHz	1.000 MHz	2.50756 GHz	10.24 dBm	-14.76 dB

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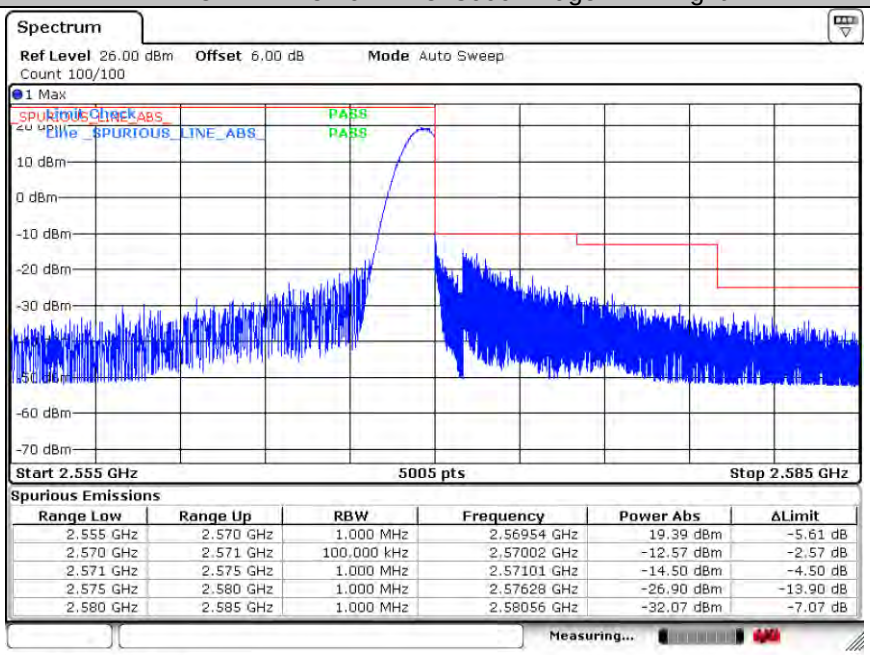
N7 15KHz TM5 10MHz 513000 Edge 1RB Right

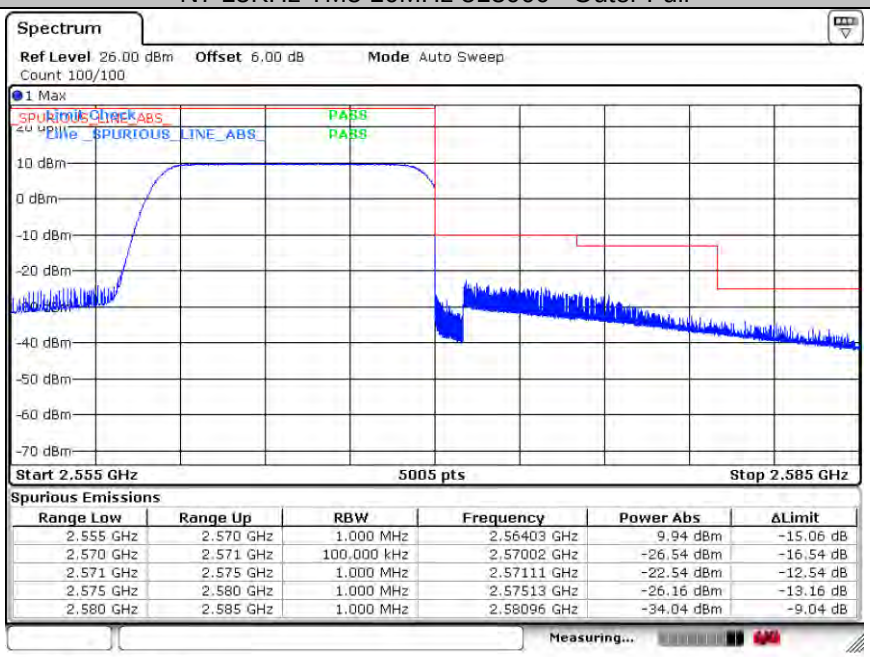


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	1.000 MHz	2.56954 GHz	19.39 dBm	-5.61 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57002 GHz	-12.57 dBm	-2.57 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57101 GHz	-14.50 dBm	-4.50 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57628 GHz	-26.90 dBm	-13.90 dB
2.580 GHz	2.585 GHz	1.000 MHz	2.58056 GHz	-32.07 dBm	-7.07 dB

Date: 10.DEC.2020 20:04:25

N7 15KHz TM5 10MHz 513000 Outer Full



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	1.000 MHz	2.56403 GHz	9.94 dBm	-15.06 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57002 GHz	-26.54 dBm	-16.54 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57111 GHz	-22.54 dBm	-12.54 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57513 GHz	-26.16 dBm	-13.16 dB
2.580 GHz	2.585 GHz	1.000 MHz	2.58096 GHz	-34.04 dBm	-9.04 dB

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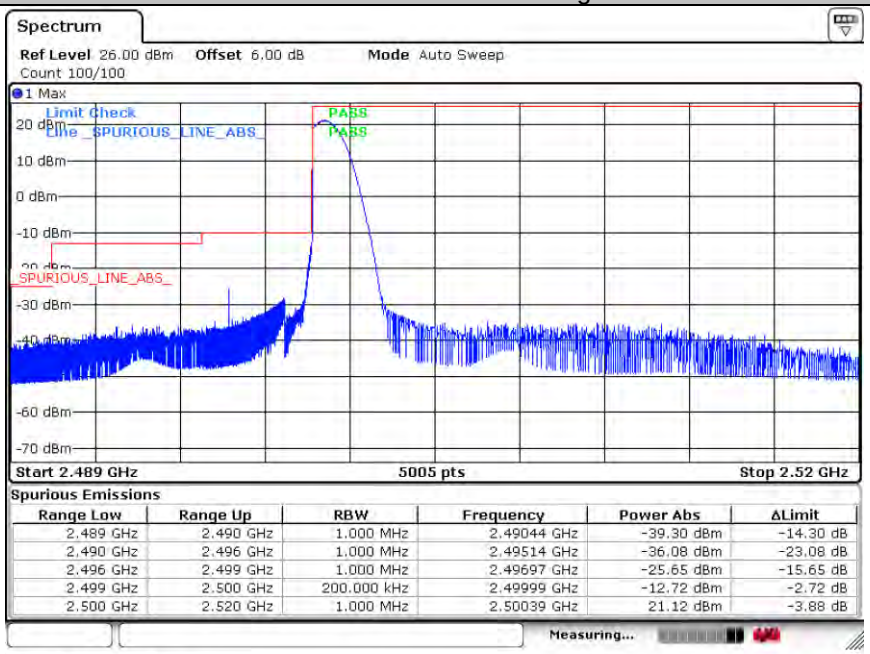
N7 15KHz TM1 15MHz 501500 Edge 1RB Left

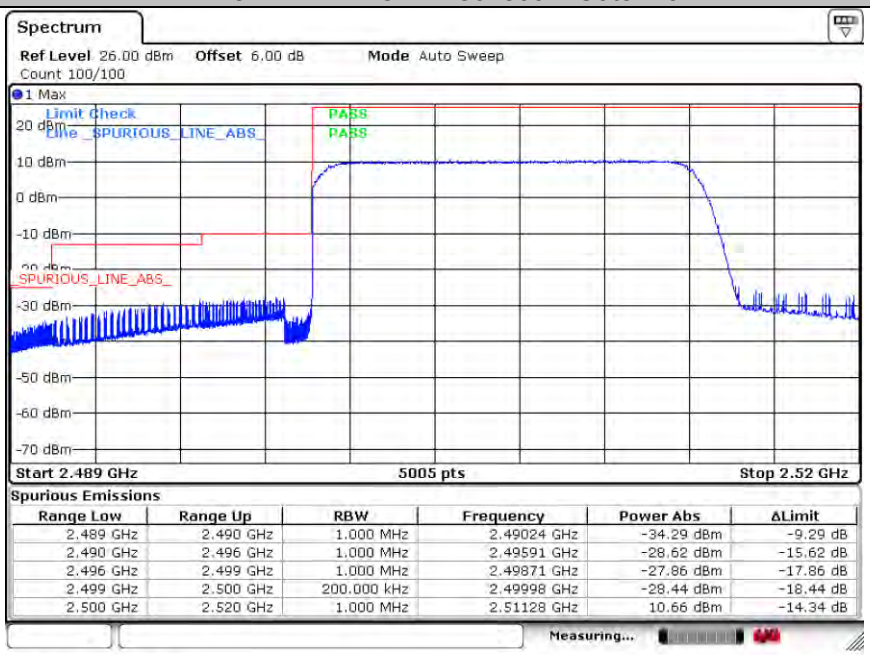


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.489 GHz	2.490 GHz	1.000 MHz	2.49044 GHz	-39.30 dBm	-14.30 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49514 GHz	-36.08 dBm	-23.08 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49697 GHz	-25.65 dBm	-15.65 dB
2.499 GHz	2.500 GHz	200.000 kHz	2.49999 GHz	-12.72 dBm	-2.72 dB
2.500 GHz	2.520 GHz	1.000 MHz	2.50039 GHz	21.12 dBm	-3.88 dB

Date: 10.DEC.2020 19:16:59

N7 15KHz TM1 15MHz 501500 Outer Full



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.489 GHz	2.490 GHz	1.000 MHz	2.49024 GHz	-34.29 dBm	-9.29 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49591 GHz	-28.62 dBm	-15.62 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49871 GHz	-27.86 dBm	-17.86 dB
2.499 GHz	2.500 GHz	200.000 kHz	2.49998 GHz	-28.44 dBm	-18.44 dB
2.500 GHz	2.520 GHz	1.000 MHz	2.51128 GHz	10.66 dBm	-14.34 dB

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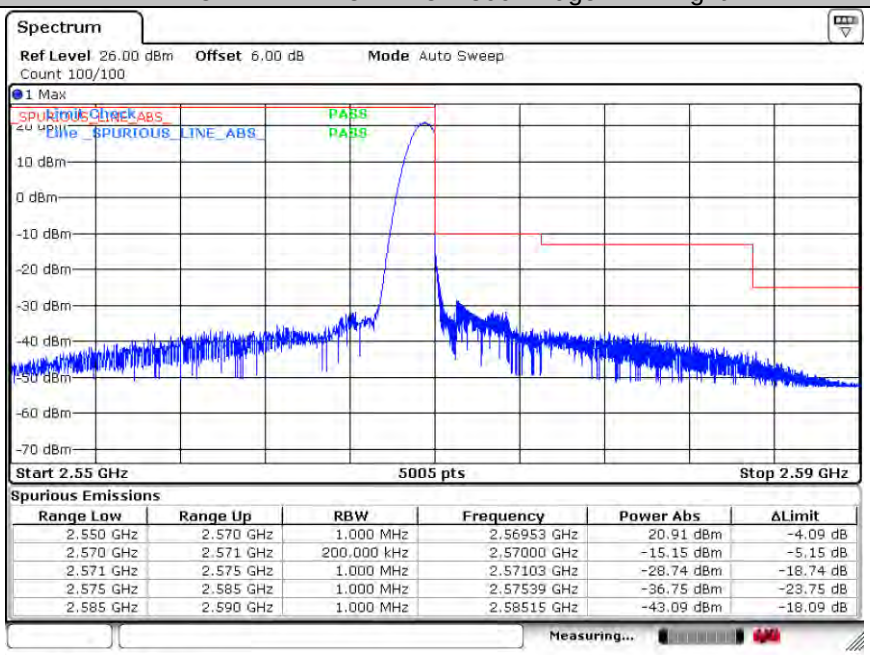
N7 15KHz TM1 15MHz 512500 Edge 1RB Right

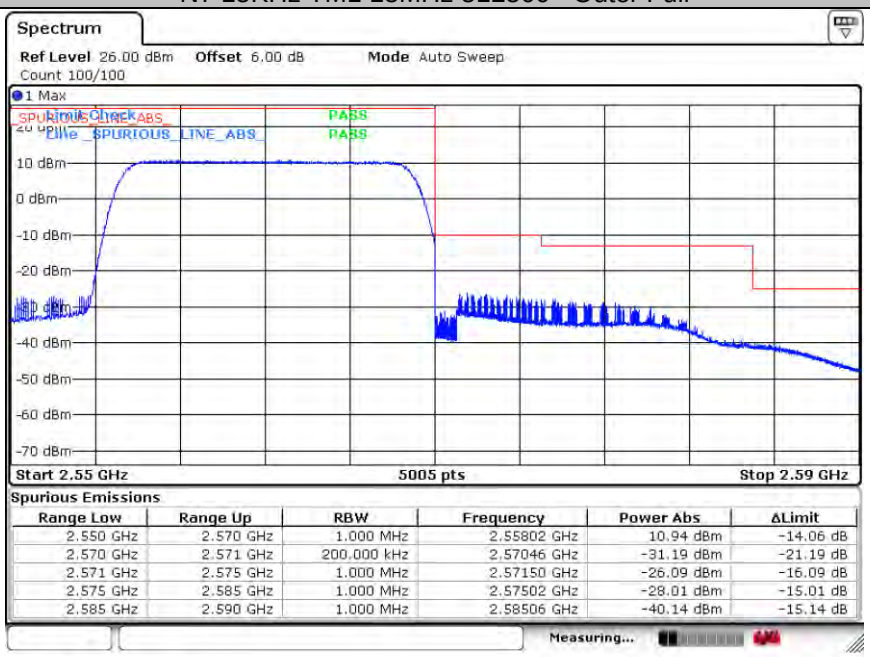


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	1.000 MHz	2.56953 GHz	20.91 dBm	-4.09 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57000 GHz	-15.15 dBm	-5.15 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57103 GHz	-28.74 dBm	-18.74 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57539 GHz	-36.75 dBm	-23.75 dB
2.585 GHz	2.590 GHz	1.000 MHz	2.58515 GHz	-43.09 dBm	-18.09 dB

Date: 10.DEC.2020 21:22:50

N7 15KHz TM1 15MHz 512500 Outer Full



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	1.000 MHz	2.55802 GHz	10.94 dBm	-14.06 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57046 GHz	-31.19 dBm	-21.19 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57150 GHz	-26.09 dBm	-16.09 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57502 GHz	-28.01 dBm	-15.01 dB
2.585 GHz	2.590 GHz	1.000 MHz	2.58506 GHz	-40.14 dBm	-15.14 dB

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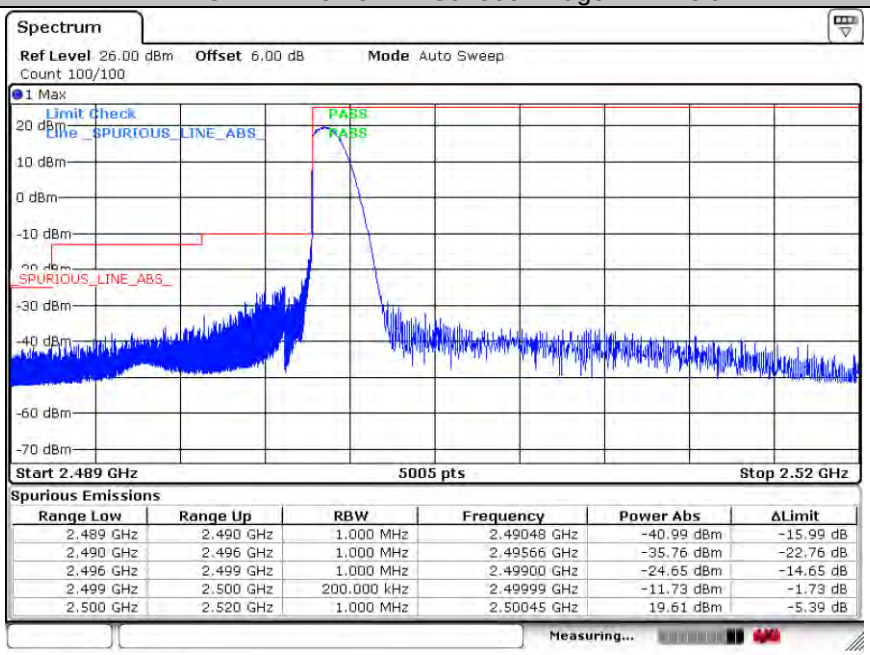
N7 15KHz TM5 15MHz 501500 Edge 1RB Left

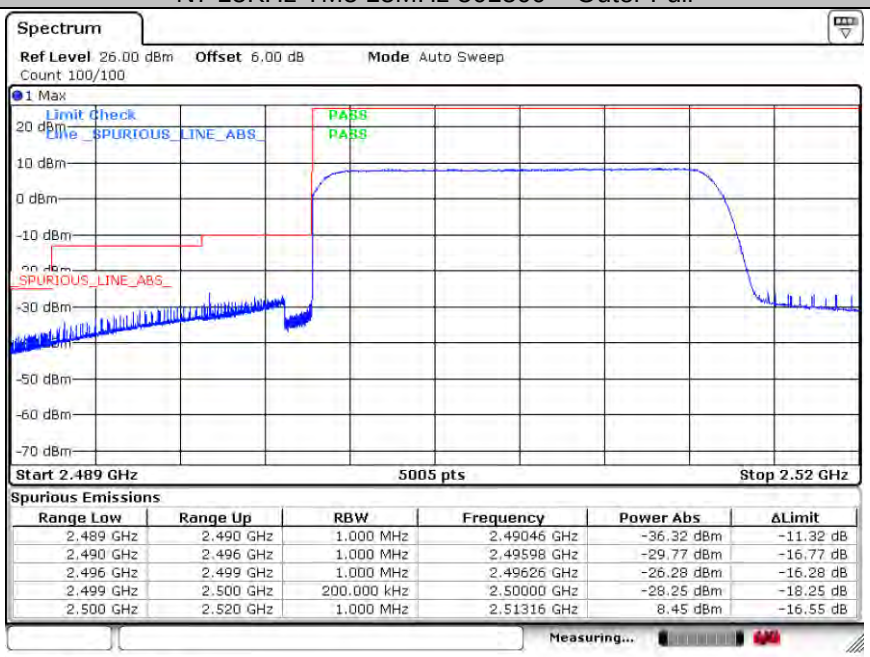


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.489 GHz	2.490 GHz	1.000 MHz	2.49048 GHz	-40.99 dBm	-15.99 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49566 GHz	-35.76 dBm	-22.76 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49900 GHz	-24.65 dBm	-14.65 dB
2.499 GHz	2.500 GHz	200.000 kHz	2.49999 GHz	-11.73 dBm	-1.73 dB
2.500 GHz	2.520 GHz	1.000 MHz	2.50045 GHz	19.61 dBm	-5.39 dB

Date: 10.DEC.2020 19:29:26

N7 15KHz TM5 15MHz 501500 Outer Full



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.489 GHz	2.490 GHz	1.000 MHz	2.49046 GHz	-36.32 dBm	-11.32 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49598 GHz	-29.77 dBm	-16.77 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49626 GHz	-26.28 dBm	-16.28 dB
2.499 GHz	2.500 GHz	200.000 kHz	2.50000 GHz	-28.25 dBm	-18.25 dB
2.500 GHz	2.520 GHz	1.000 MHz	2.51316 GHz	8.45 dBm	-16.55 dB

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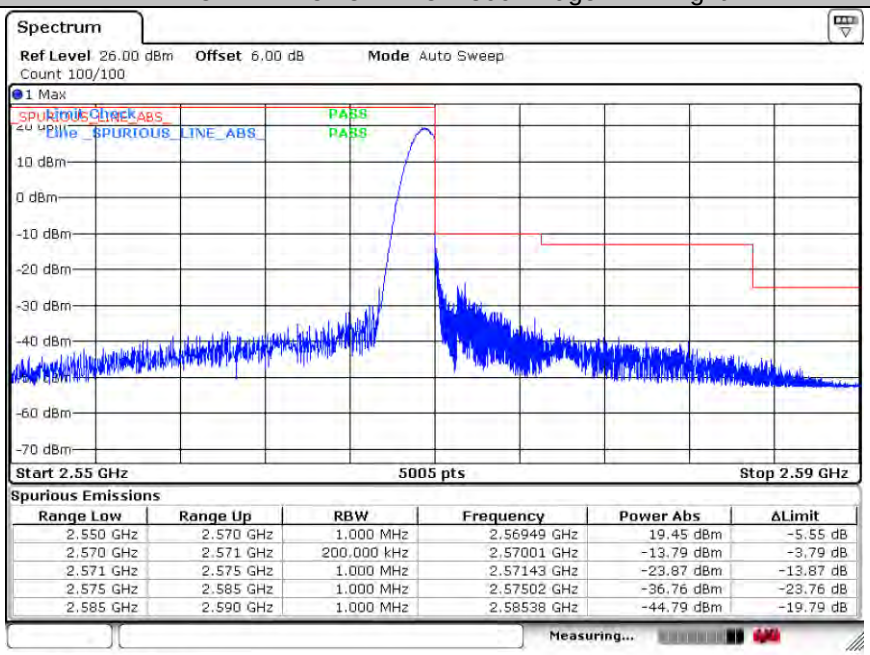
N7 15KHz TM5 15MHz 512500 Edge 1RB Right

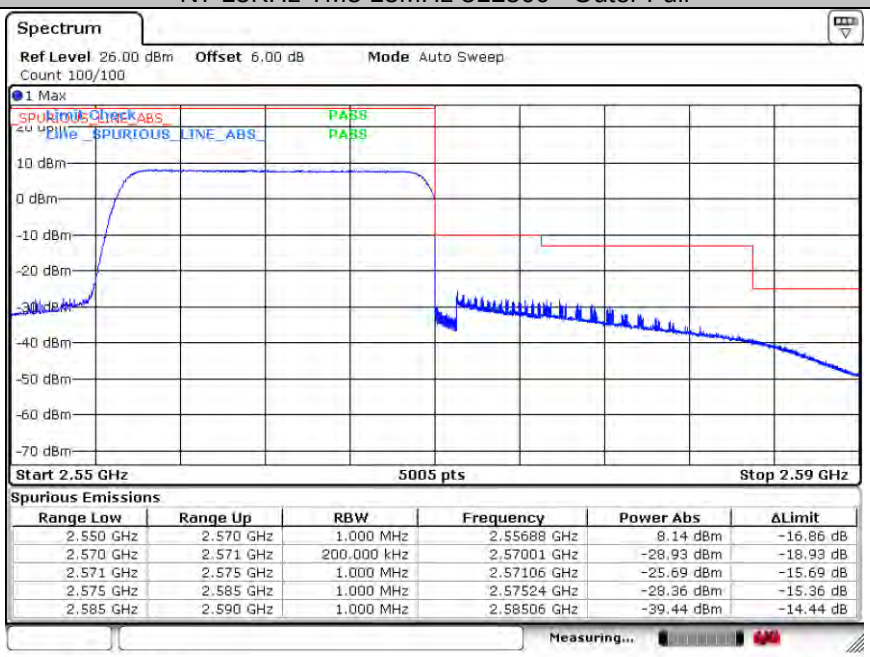


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	1.000 MHz	2.56949 GHz	19.45 dBm	-5.55 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57001 GHz	-13.79 dBm	-3.79 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57143 GHz	-23.87 dBm	-13.87 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57502 GHz	-36.76 dBm	-23.76 dB
2.585 GHz	2.590 GHz	1.000 MHz	2.58538 GHz	-44.79 dBm	-19.79 dB

Date: 10.DEC.2020 20:10:53

N7 15KHz TM5 15MHz 512500 Outer Full



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	1.000 MHz	2.55688 GHz	8.14 dBm	-16.86 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57001 GHz	-28.93 dBm	-18.93 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57106 GHz	-25.69 dBm	-15.69 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57524 GHz	-28.36 dBm	-15.36 dB
2.585 GHz	2.590 GHz	1.000 MHz	2.58506 GHz	-39.44 dBm	-14.44 dB

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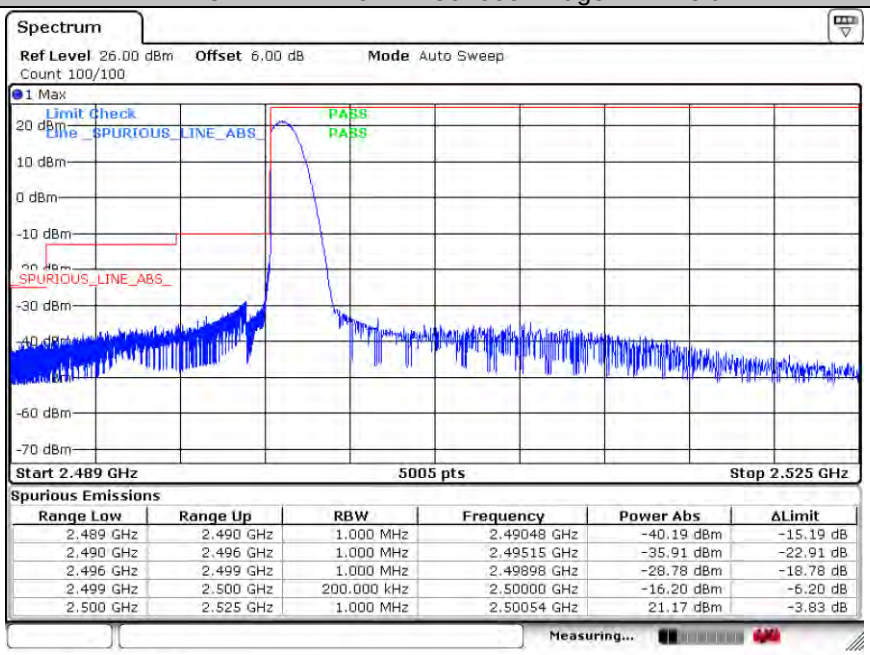
N7 15KHz TM1 20MHz 502000 Edge 1RB Left



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.489 GHz	2.490 GHz	1.000 MHz	2.49048 GHz	-40.19 dBm	-15.19 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49515 GHz	-35.91 dBm	-22.91 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49898 GHz	-28.78 dBm	-18.78 dB
2.499 GHz	2.500 GHz	200.000 kHz	2.50000 GHz	-16.20 dBm	-6.20 dB
2.500 GHz	2.525 GHz	1.000 MHz	2.50054 GHz	21.17 dBm	-3.83 dB

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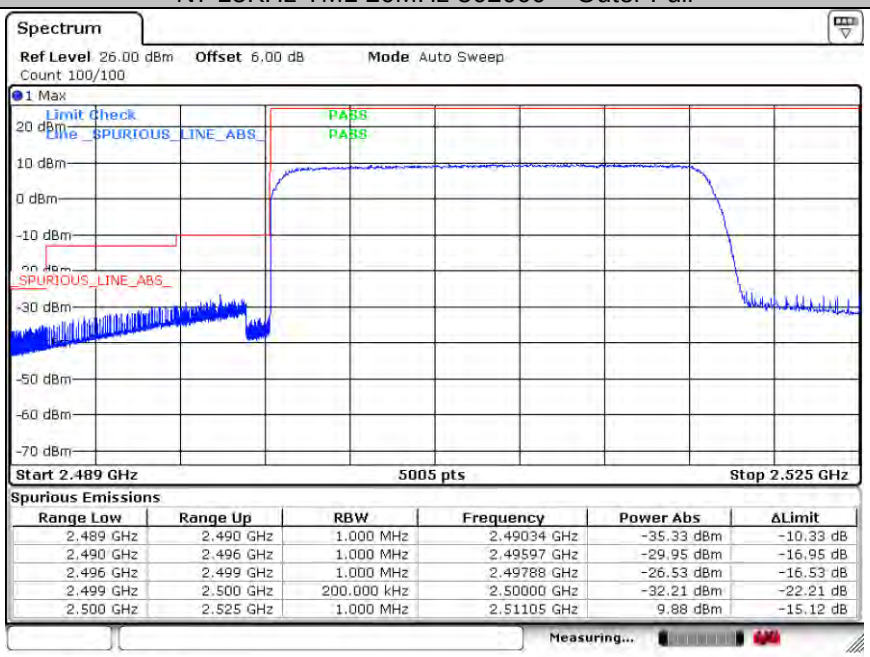
N7 15KHz TM1 20MHz 502000 Outer Full



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.489 GHz	2.490 GHz	1.000 MHz	2.49034 GHz	-35.33 dBm	-10.33 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49597 GHz	-29.95 dBm	-16.95 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49788 GHz	-26.53 dBm	-16.53 dB
2.499 GHz	2.500 GHz	200.000 kHz	2.50000 GHz	-32.21 dBm	-22.21 dB
2.500 GHz	2.525 GHz	1.000 MHz	2.51105 GHz	9.88 dBm	-15.12 dB

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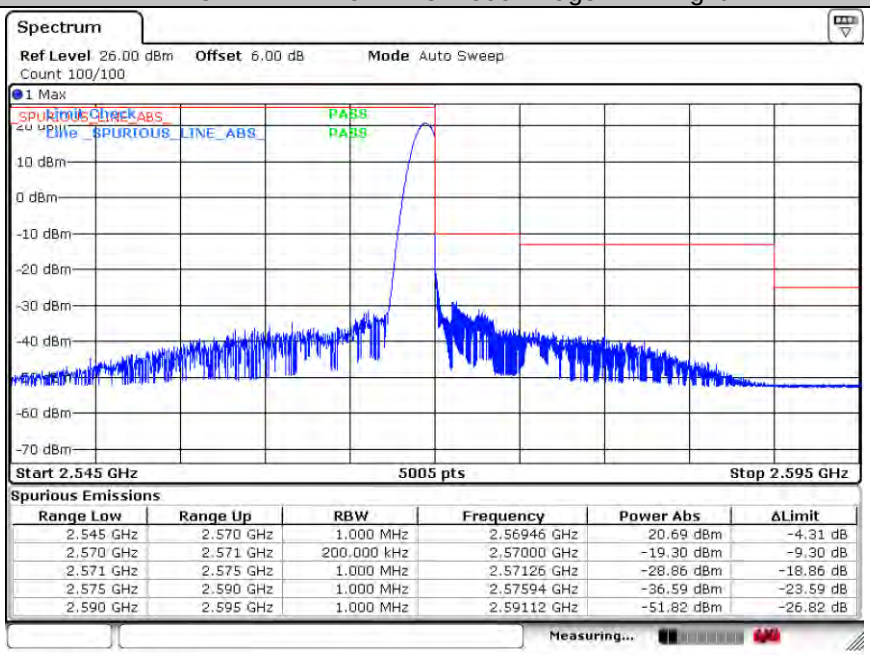
N7 15KHz TM1 20MHz 512000 Edge 1RB Right

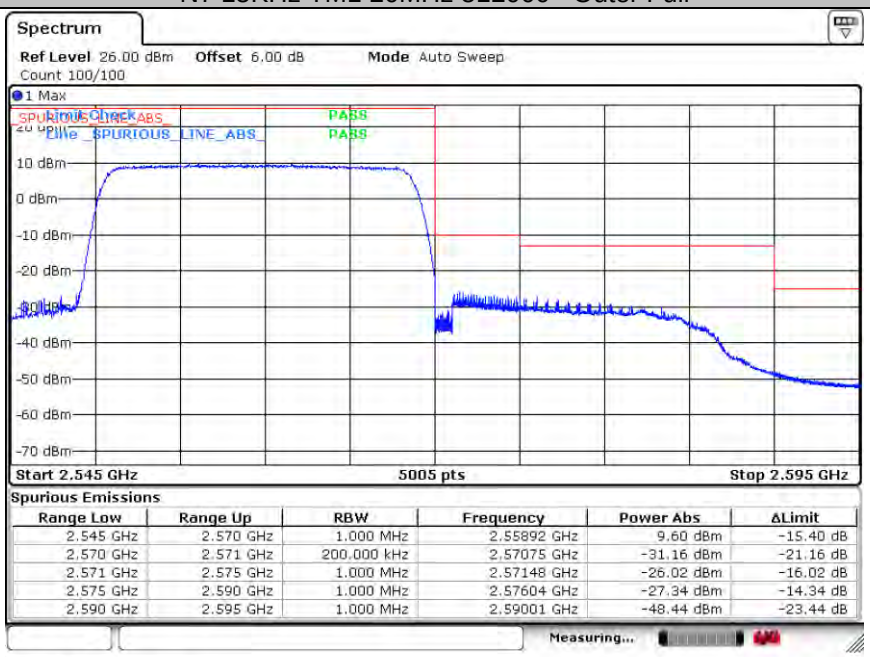


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.570 GHz	1.000 MHz	2.56946 GHz	20.69 dBm	-4.31 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57000 GHz	-19.30 dBm	-9.30 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57126 GHz	-28.86 dBm	-18.86 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57594 GHz	-36.59 dBm	-23.59 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59112 GHz	-51.82 dBm	-26.82 dB

Date: 10.DEC.2020 21:15:59

N7 15KHz TM1 20MHz 512000 Outer Full



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.570 GHz	1.000 MHz	2.55892 GHz	9.60 dBm	-15.40 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57075 GHz	-31.16 dBm	-21.16 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57148 GHz	-26.02 dBm	-16.02 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57604 GHz	-27.34 dBm	-14.34 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59001 GHz	-48.44 dBm	-23.44 dB

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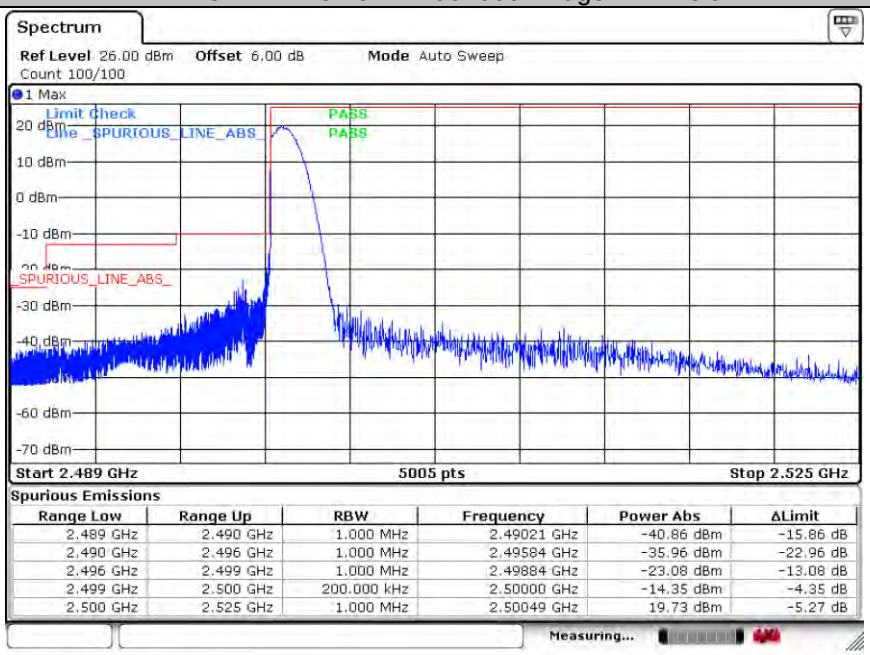
N7 15KHz TM5 20MHz 502000 Edge 1RB Left

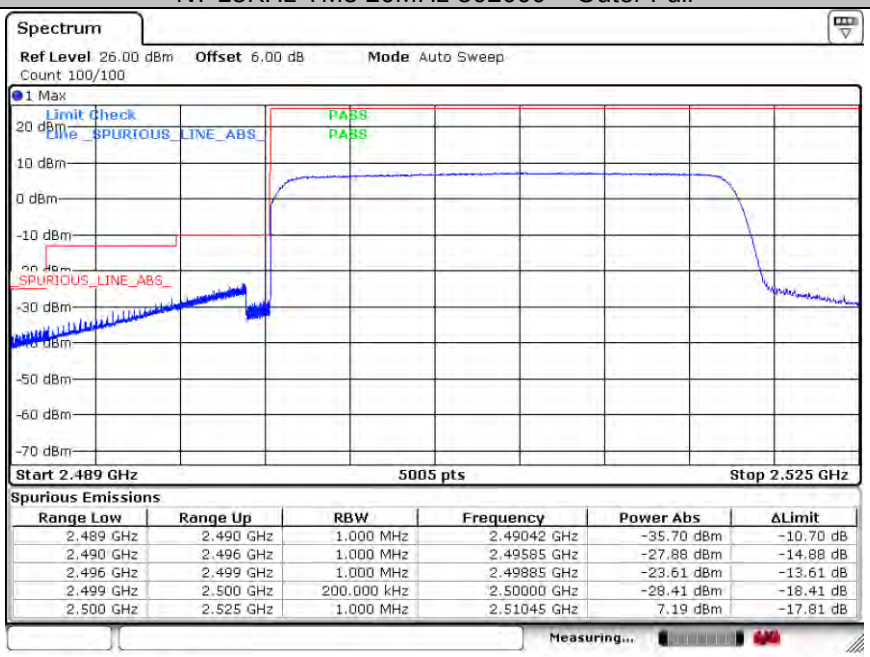


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.489 GHz	2.490 GHz	1.000 MHz	2.49021 GHz	-40.86 dBm	-15.86 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49584 GHz	-35.96 dBm	-22.96 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49884 GHz	-23.08 dBm	-13.08 dB
2.499 GHz	2.500 GHz	200.000 kHz	2.50000 GHz	-14.35 dBm	-4.35 dB
2.500 GHz	2.525 GHz	1.000 MHz	2.50049 GHz	19.73 dBm	-5.27 dB

Date: 10.DEC.2020 19:26:24

N7 15KHz TM5 20MHz 502000 Outer Full



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.489 GHz	2.490 GHz	1.000 MHz	2.49042 GHz	-35.70 dBm	-10.70 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49585 GHz	-27.88 dBm	-14.88 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49885 GHz	-23.61 dBm	-13.61 dB
2.499 GHz	2.500 GHz	200.000 kHz	2.50000 GHz	-28.41 dBm	-18.41 dB
2.500 GHz	2.525 GHz	1.000 MHz	2.51045 GHz	7.19 dBm	-17.81 dB

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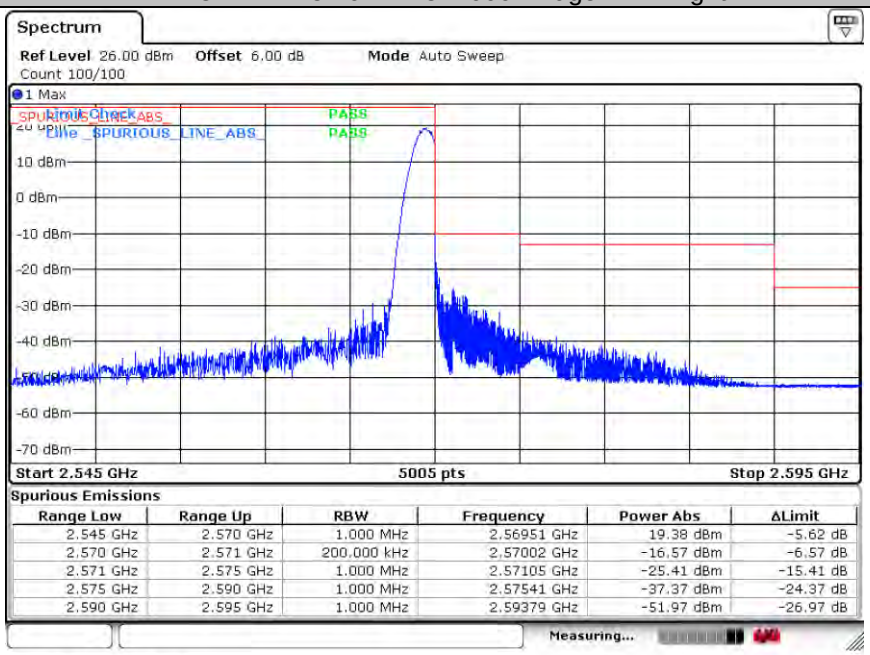
N7 15KHz TM5 20MHz 512000 Edge 1RB Right

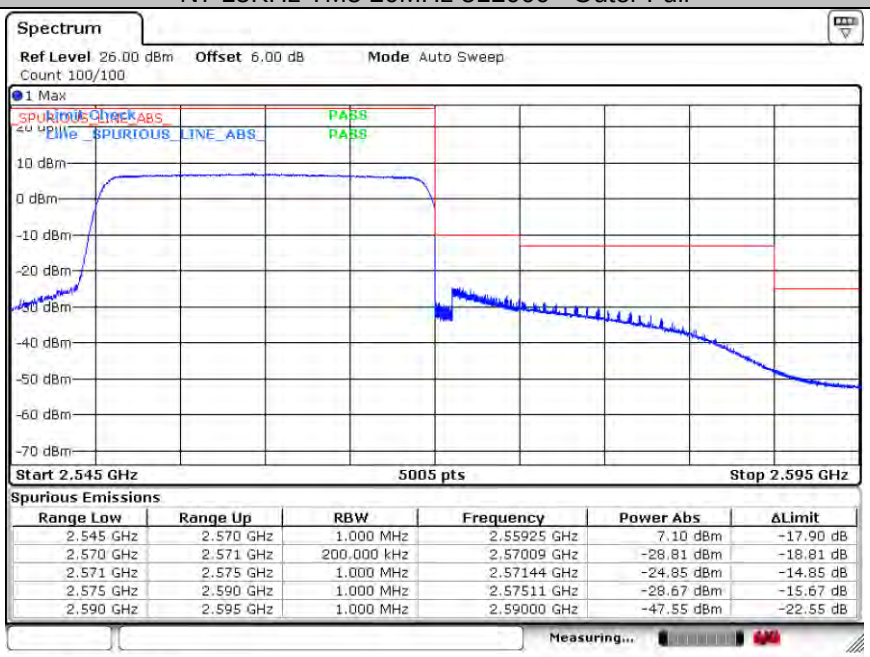


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.570 GHz	1.000 MHz	2.56951 GHz	19.38 dBm	-5.62 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57002 GHz	-16.57 dBm	-6.57 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57105 GHz	-25.41 dBm	-15.41 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57541 GHz	-37.37 dBm	-24.37 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59379 GHz	-51.97 dBm	-26.97 dB

Date: 10.DEC.2020 20:16:10

N7 15KHz TM5 20MHz 512000 Outer Full



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.570 GHz	1.000 MHz	2.55925 GHz	7.10 dBm	-17.90 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57009 GHz	-28.81 dBm	-18.81 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57144 GHz	-24.85 dBm	-14.85 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57511 GHz	-28.67 dBm	-15.67 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59000 GHz	-47.55 dBm	-22.55 dB

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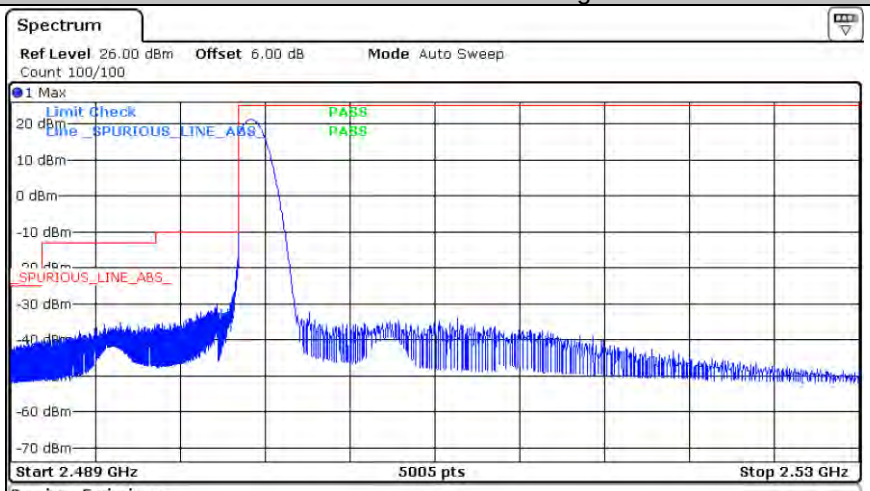
N7 15KHz TM1 25MHz 502500 Edge 1RB Left



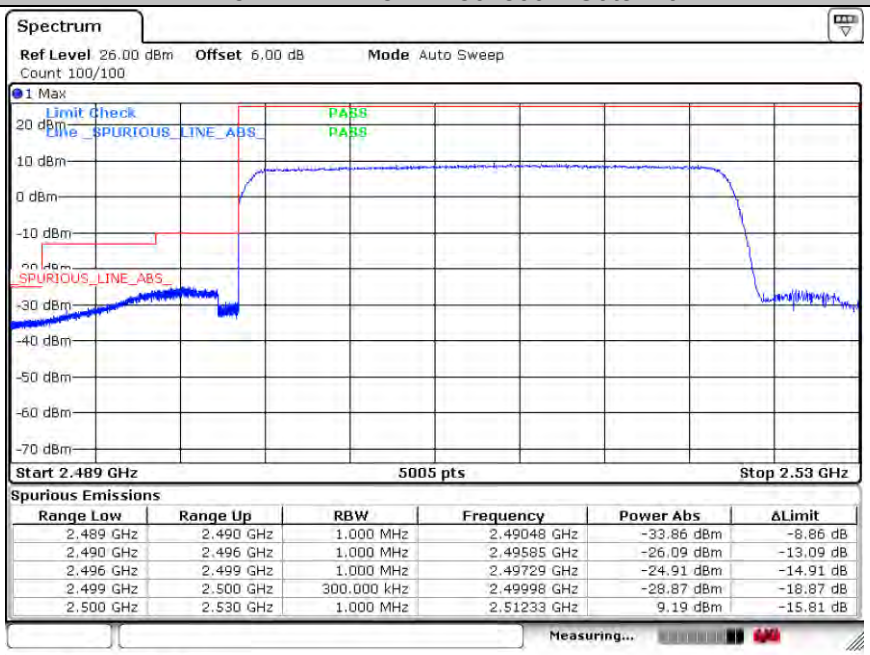
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.489 GHz	2.490 GHz	1.000 MHz	2.49027 GHz	-40.37 dBm	-15.37 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49430 GHz	-35.29 dBm	-22.29 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49899 GHz	-30.46 dBm	-20.46 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.50000 GHz	-16.82 dBm	-6.82 dB
2.500 GHz	2.530 GHz	1.000 MHz	2.50052 GHz	21.26 dBm	-3.74 dB

Measuring...

Date: 10.DEC.2020 19:01:51

N7 15KHz TM1 25MHz 502500 Outer Full



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.489 GHz	2.490 GHz	1.000 MHz	2.49048 GHz	-33.86 dBm	-8.86 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49585 GHz	-26.09 dBm	-13.09 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49729 GHz	-24.91 dBm	-14.91 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.49998 GHz	-28.87 dBm	-18.87 dB
2.500 GHz	2.530 GHz	1.000 MHz	2.51233 GHz	9.19 dBm	-15.81 dB

Measuring...

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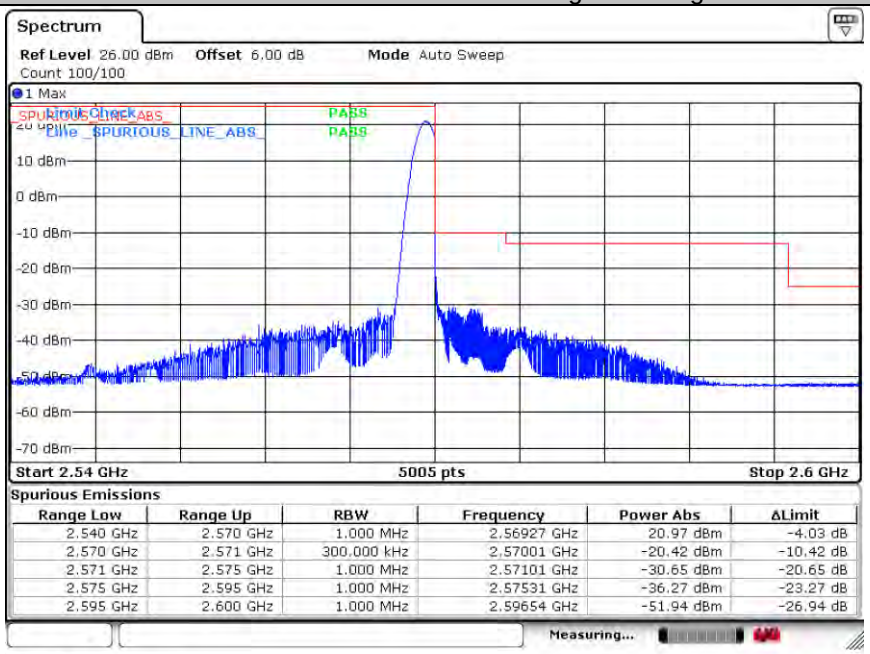
N7 15KHz TM1 25MHz 511500 Edge 1RB Right

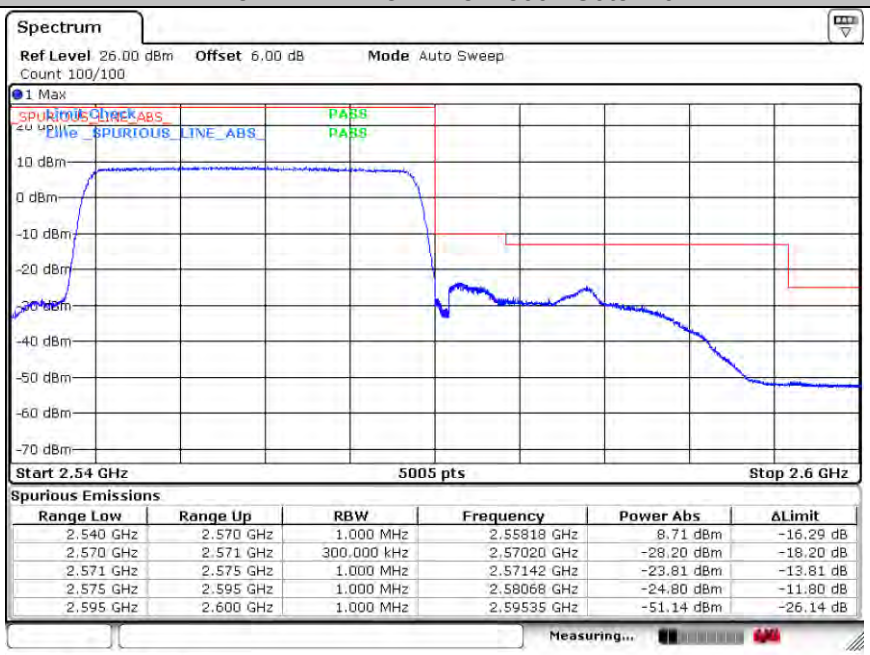


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.540 GHz	2.570 GHz	1.000 MHz	2.56927 GHz	20.97 dBm	-4.03 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57001 GHz	-20.42 dBm	-10.42 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57101 GHz	-30.65 dBm	-20.65 dB
2.575 GHz	2.595 GHz	1.000 MHz	2.57531 GHz	-36.27 dBm	-23.27 dB
2.595 GHz	2.600 GHz	1.000 MHz	2.59654 GHz	-51.94 dBm	-26.94 dB

Date: 10.DEC.2020 21:10:31

N7 15KHz TM1 25MHz 511500 Outer Full



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.540 GHz	2.570 GHz	1.000 MHz	2.55818 GHz	8.71 dBm	-16.29 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57020 GHz	-28.20 dBm	-18.20 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57142 GHz	-23.81 dBm	-13.81 dB
2.575 GHz	2.595 GHz	1.000 MHz	2.58068 GHz	-24.80 dBm	-11.80 dB
2.595 GHz	2.600 GHz	1.000 MHz	2.59535 GHz	-51.14 dBm	-26.14 dB

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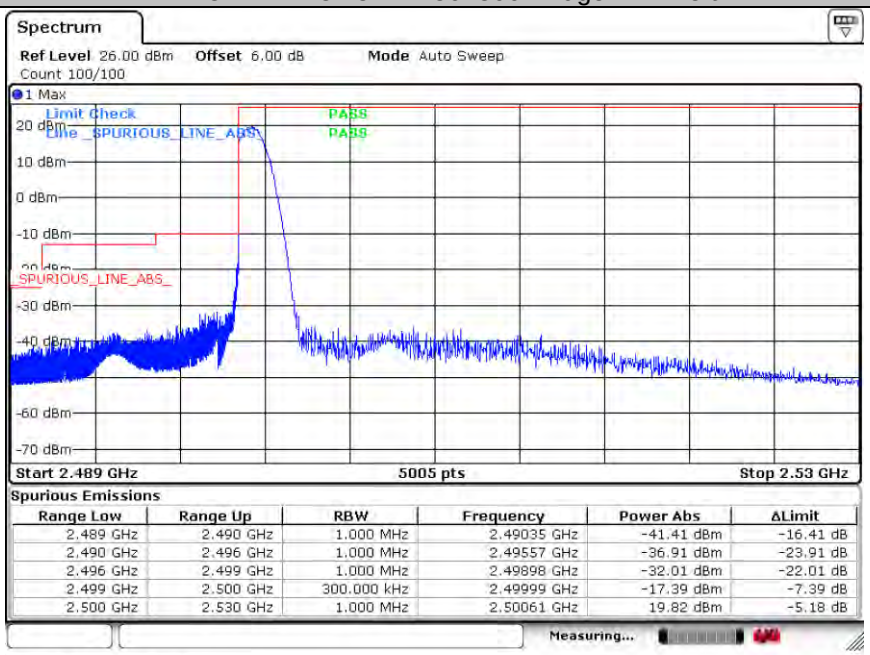
N7 15KHz TM5 25MHz 502500 Edge 1RB Left

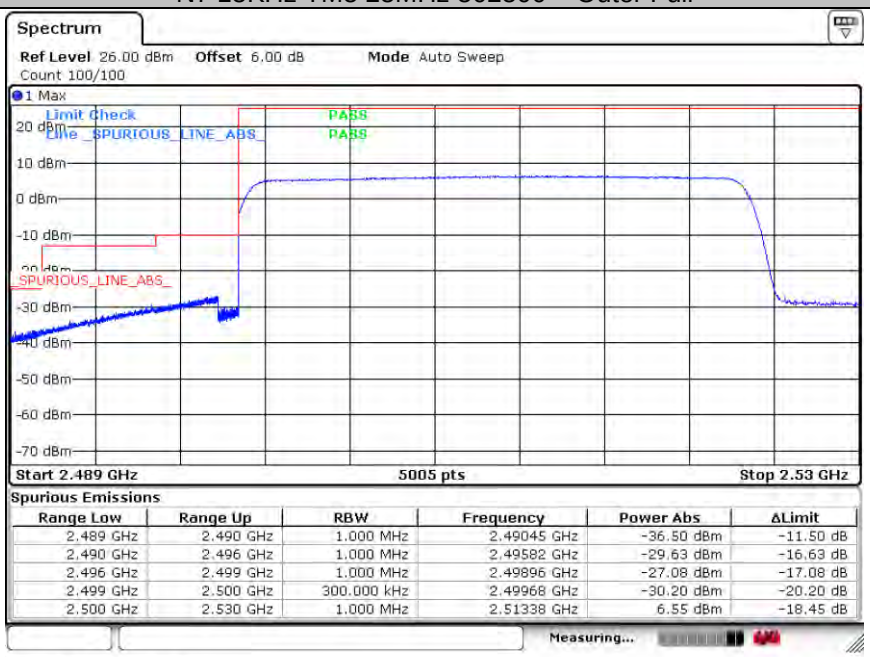


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.489 GHz	2.490 GHz	1.000 MHz	2.49035 GHz	-41.41 dBm	-16.41 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49557 GHz	-36.91 dBm	-23.91 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49898 GHz	-32.01 dBm	-22.01 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.49999 GHz	-17.39 dBm	-7.39 dB
2.500 GHz	2.530 GHz	1.000 MHz	2.50061 GHz	19.82 dBm	-5.18 dB

Date: 10.DEC.2020 19:36:40

N7 15KHz TM5 25MHz 502500 Outer Full



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.489 GHz	2.490 GHz	1.000 MHz	2.49045 GHz	-36.50 dBm	-11.50 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49582 GHz	-29.63 dBm	-16.63 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49896 GHz	-27.08 dBm	-17.08 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.49968 GHz	-30.20 dBm	-20.20 dB
2.500 GHz	2.530 GHz	1.000 MHz	2.51338 GHz	6.55 dBm	-18.45 dB

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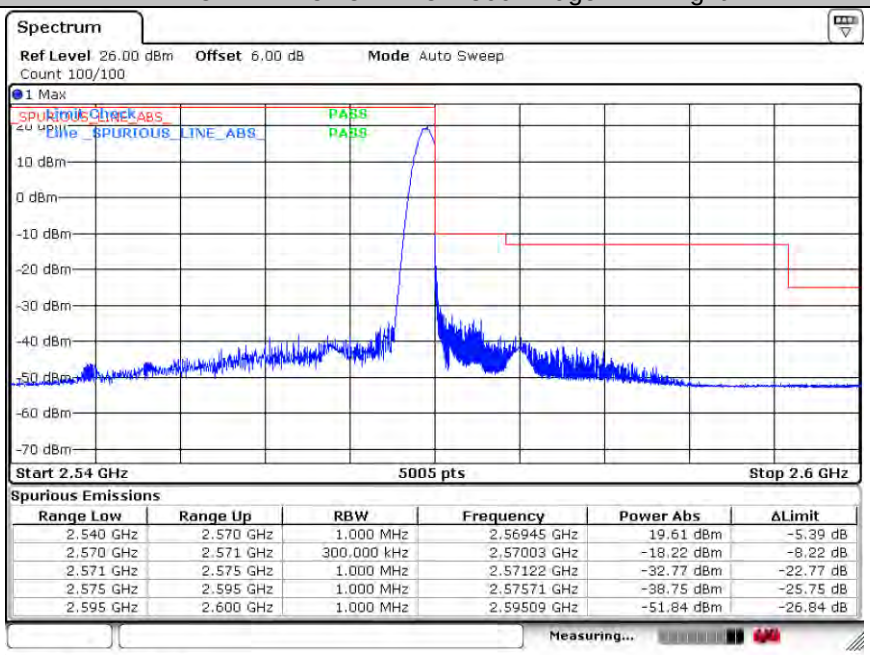
N7 15KHz TM5 25MHz 511500 Edge 1RB Right

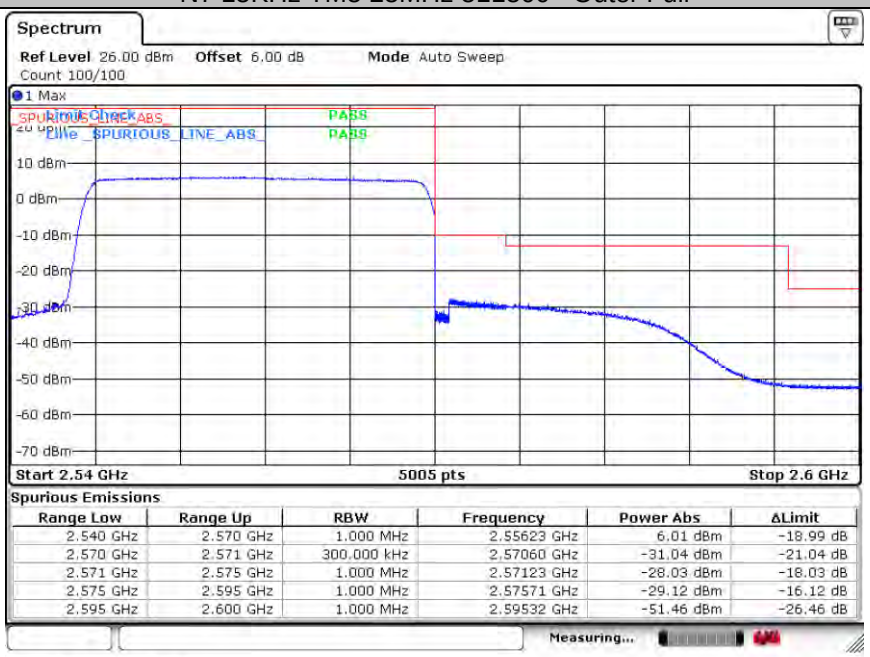


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.540 GHz	2.570 GHz	1.000 MHz	2.56945 GHz	19.61 dBm	-5.39 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57003 GHz	-18.22 dBm	-8.22 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57122 GHz	-32.77 dBm	-22.77 dB
2.575 GHz	2.595 GHz	1.000 MHz	2.57571 GHz	-38.75 dBm	-25.75 dB
2.595 GHz	2.600 GHz	1.000 MHz	2.59509 GHz	-51.84 dBm	-26.84 dB

Date: 10.DEC.2020 20:22:17

N7 15KHz TM5 25MHz 511500 Outer Full



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.540 GHz	2.570 GHz	1.000 MHz	2.55623 GHz	6.01 dBm	-18.99 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57060 GHz	-31.04 dBm	-21.04 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57123 GHz	-28.03 dBm	-18.03 dB
2.575 GHz	2.595 GHz	1.000 MHz	2.57571 GHz	-29.12 dBm	-16.12 dB
2.595 GHz	2.600 GHz	1.000 MHz	2.59532 GHz	-51.46 dBm	-26.46 dB

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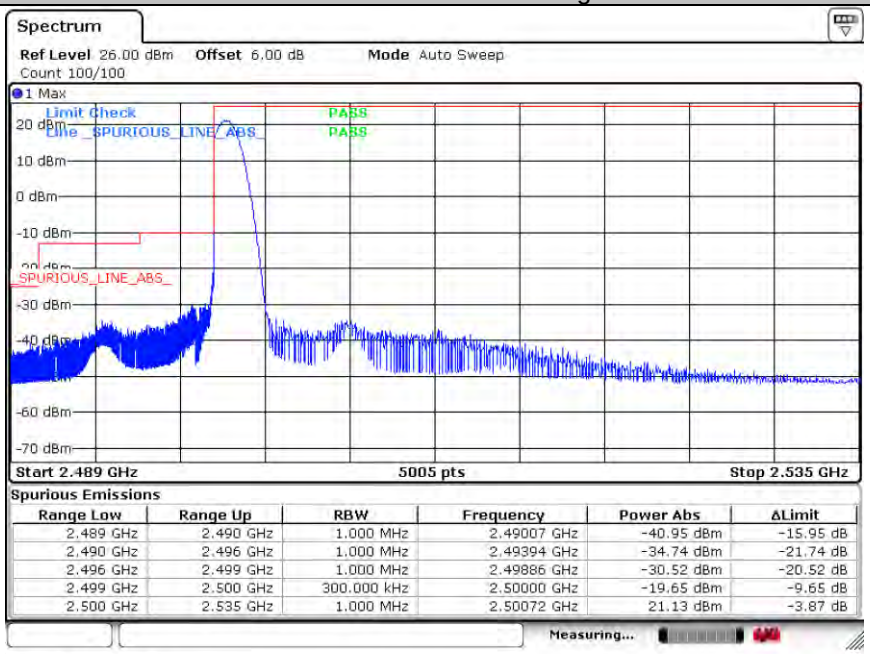
N7 15KHz TM1 30MHz 500300 Edge 1RB Left

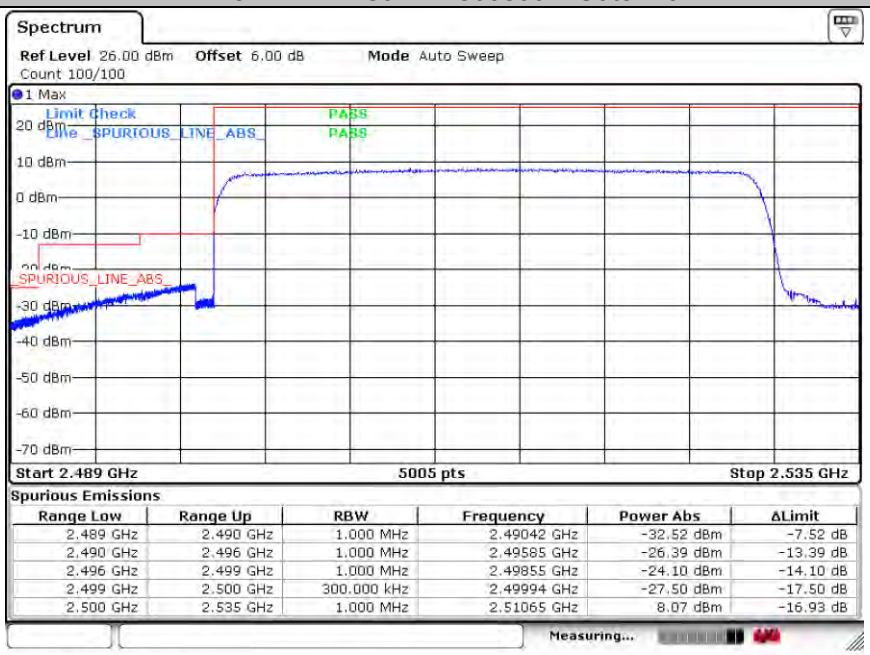


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.489 GHz	2.490 GHz	1.000 MHz	2.49007 GHz	-40.95 dBm	-15.95 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49394 GHz	-34.74 dBm	-21.74 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49886 GHz	-30.52 dBm	-20.52 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.50000 GHz	-19.65 dBm	-9.65 dB
2.500 GHz	2.535 GHz	1.000 MHz	2.50072 GHz	21.13 dBm	-3.87 dB

Date: 10.DEC.2020 19:06:04

N7 15KHz TM1 30MHz 500300 Outer Full



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.489 GHz	2.490 GHz	1.000 MHz	2.49042 GHz	-32.52 dBm	-7.52 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49585 GHz	-26.39 dBm	-13.39 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49855 GHz	-24.10 dBm	-14.10 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.49994 GHz	-27.50 dBm	-17.50 dB
2.500 GHz	2.535 GHz	1.000 MHz	2.51065 GHz	8.07 dBm	-16.93 dB

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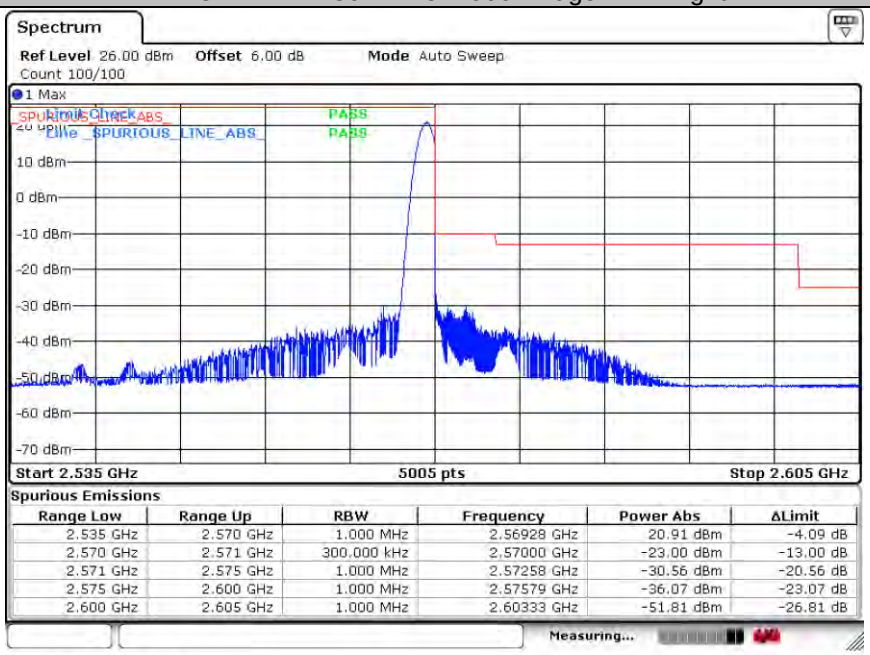
N7 15KHz TM1 30MHz 511000 Edge 1RB Right

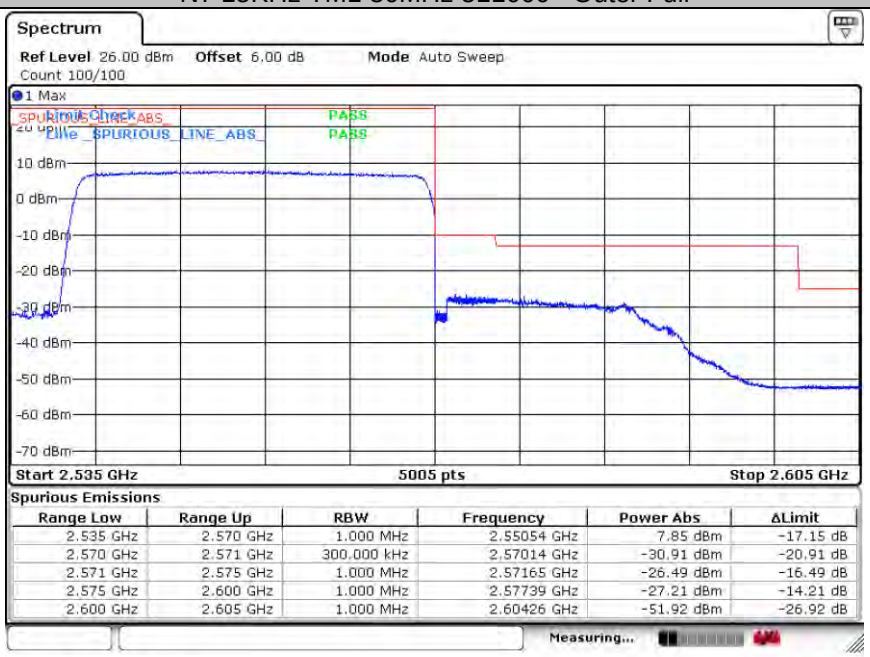


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.535 GHz	2.570 GHz	1.000 MHz	2.56928 GHz	20.91 dBm	-4.09 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57000 GHz	-23.00 dBm	-13.00 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57258 GHz	-30.56 dBm	-20.56 dB
2.575 GHz	2.600 GHz	1.000 MHz	2.57579 GHz	-36.07 dBm	-23.07 dB
2.600 GHz	2.605 GHz	1.000 MHz	2.60333 GHz	-51.81 dBm	-26.81 dB

Date: 10.DEC.2020 21:05:05

N7 15KHz TM1 30MHz 511000 Outer Full



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.535 GHz	2.570 GHz	1.000 MHz	2.55054 GHz	7.85 dBm	-17.15 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57014 GHz	-30.91 dBm	-20.91 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57165 GHz	-26.49 dBm	-16.49 dB
2.575 GHz	2.600 GHz	1.000 MHz	2.57739 GHz	-27.21 dBm	-14.21 dB
2.600 GHz	2.605 GHz	1.000 MHz	2.60426 GHz	-51.92 dBm	-26.92 dB

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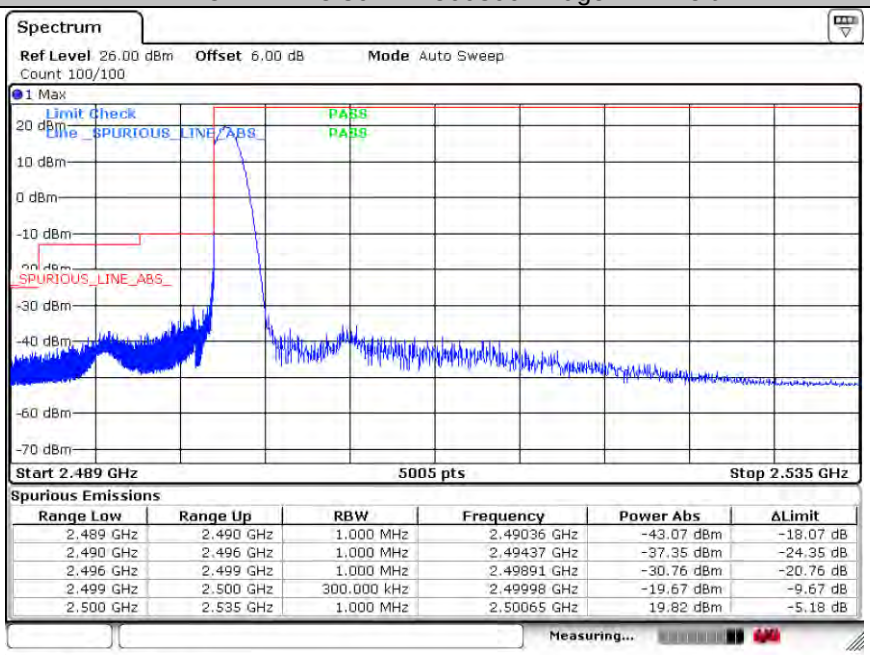
N7 15KHz TM5 30MHz 500300 Edge 1RB Left

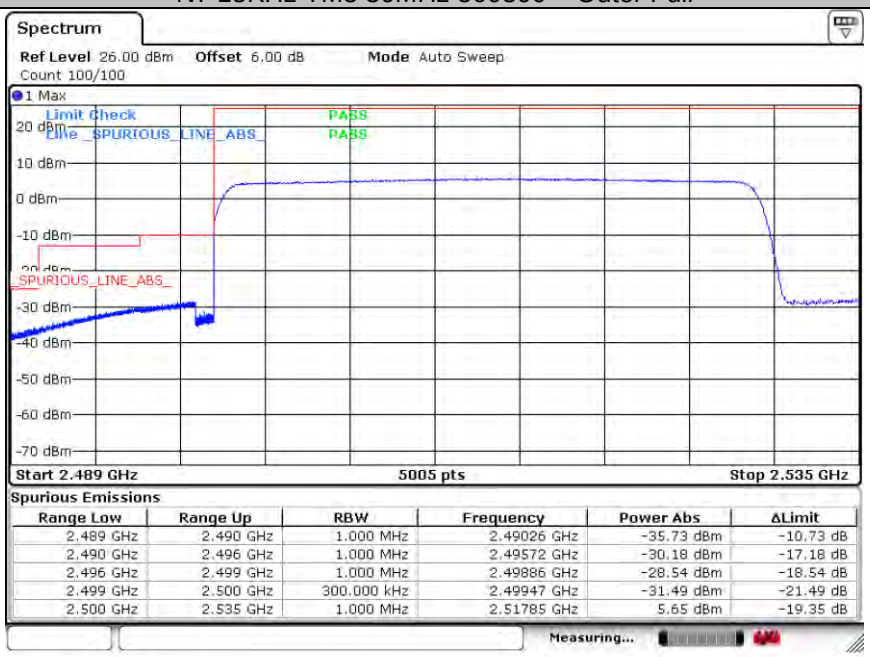


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.489 GHz	2.490 GHz	1.000 MHz	2.49036 GHz	-43.07 dBm	-18.07 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49437 GHz	-37.35 dBm	-24.35 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49891 GHz	-30.76 dBm	-20.76 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.49998 GHz	-19.67 dBm	-9.67 dB
2.500 GHz	2.535 GHz	1.000 MHz	2.50065 GHz	19.82 dBm	-5.18 dB

Date: 10.DEC.2020 19:40:37

N7 15KHz TM5 30MHz 500300 Outer Full



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.489 GHz	2.490 GHz	1.000 MHz	2.49026 GHz	-35.73 dBm	-10.73 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49572 GHz	-30.18 dBm	-17.18 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49886 GHz	-28.54 dBm	-18.54 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.49947 GHz	-31.49 dBm	-21.49 dB
2.500 GHz	2.535 GHz	1.000 MHz	2.51785 GHz	5.65 dBm	-19.35 dB

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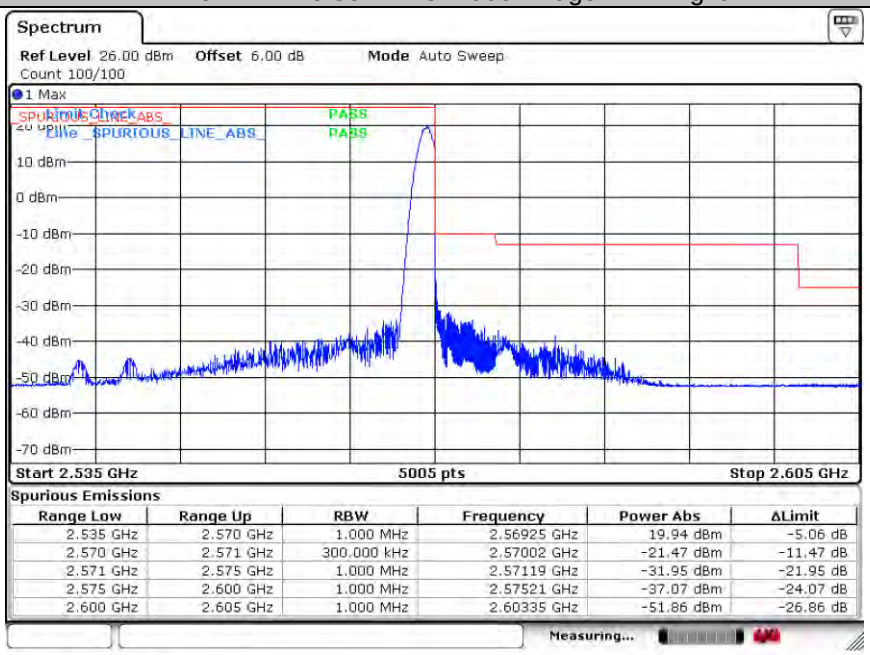
N7 15KHz TM5 30MHz 511000 Edge 1RB Right

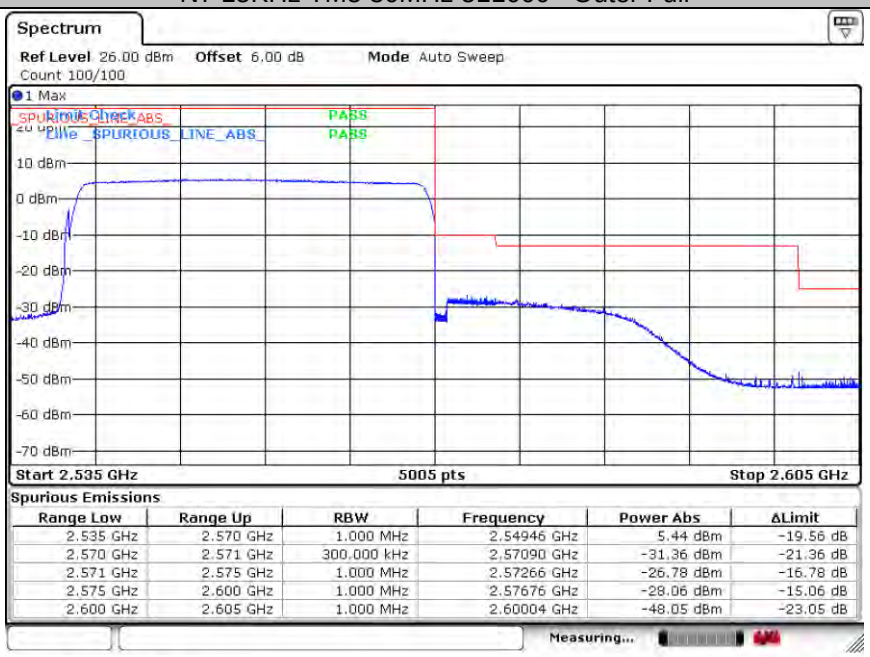


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.535 GHz	2.570 GHz	1.000 MHz	2.56925 GHz	19.94 dBm	-5.06 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57002 GHz	-21.47 dBm	-11.47 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57119 GHz	-31.95 dBm	-21.95 dB
2.575 GHz	2.600 GHz	1.000 MHz	2.57521 GHz	-37.07 dBm	-24.07 dB
2.600 GHz	2.605 GHz	1.000 MHz	2.60335 GHz	-51.86 dBm	-26.86 dB

Date: 10.DEC.2020 20:31:01

N7 15KHz TM5 30MHz 511000 Outer Full



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.535 GHz	2.570 GHz	1.000 MHz	2.54946 GHz	5.44 dBm	-19.56 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57090 GHz	-31.36 dBm	-21.36 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57266 GHz	-26.78 dBm	-16.78 dB
2.575 GHz	2.600 GHz	1.000 MHz	2.57676 GHz	-28.06 dBm	-15.06 dB
2.600 GHz	2.605 GHz	1.000 MHz	2.60004 GHz	-48.05 dBm	-23.05 dB

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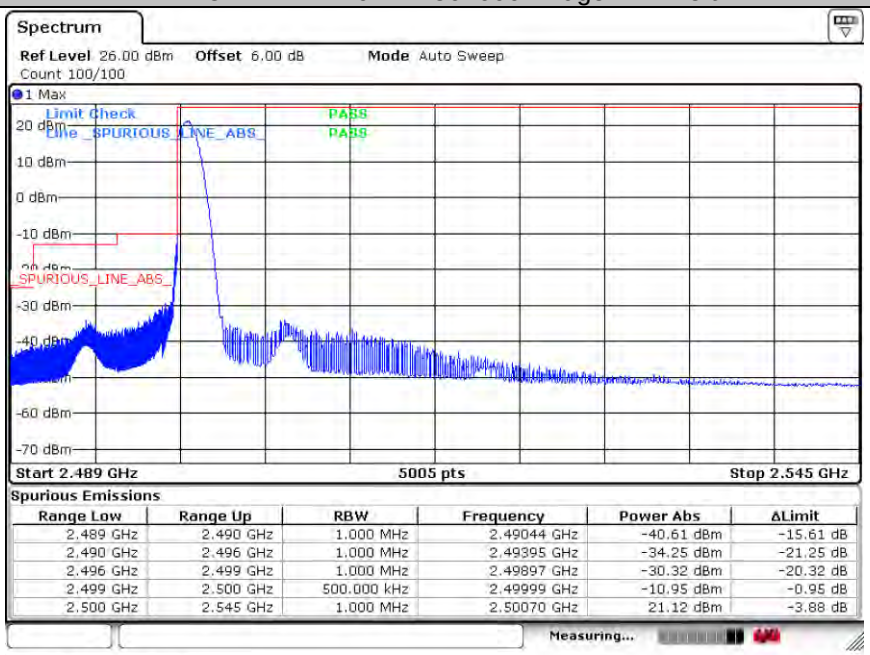
N7 15KHz TM1 40MHz 504000 Edge 1RB Left

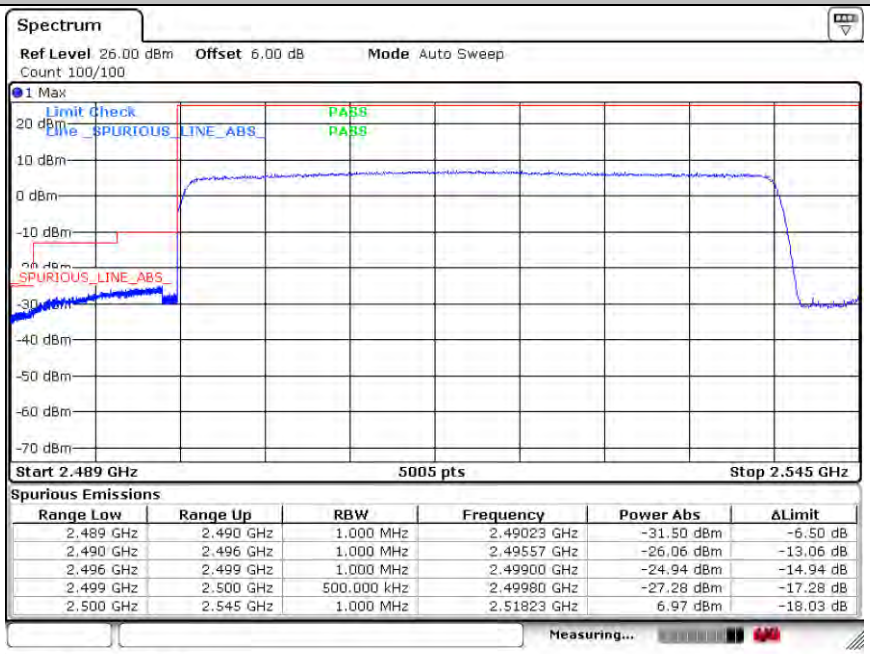


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.489 GHz	2.490 GHz	1.000 MHz	2.49044 GHz	-40.61 dBm	-15.61 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49395 GHz	-34.25 dBm	-21.25 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49897 GHz	-30.32 dBm	-20.32 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.49999 GHz	-10.95 dBm	-0.95 dB
2.500 GHz	2.545 GHz	1.000 MHz	2.50070 GHz	21.12 dBm	-3.88 dB

Date: 10.DEC.2020 19:09:40

N7 15KHz TM1 40MHz 504000 Outer Full



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.489 GHz	2.490 GHz	1.000 MHz	2.49023 GHz	-31.50 dBm	-6.50 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49557 GHz	-26.06 dBm	-13.06 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49900 GHz	-24.94 dBm	-14.94 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.49980 GHz	-27.28 dBm	-17.28 dB
2.500 GHz	2.545 GHz	1.000 MHz	2.51823 GHz	6.97 dBm	-18.03 dB

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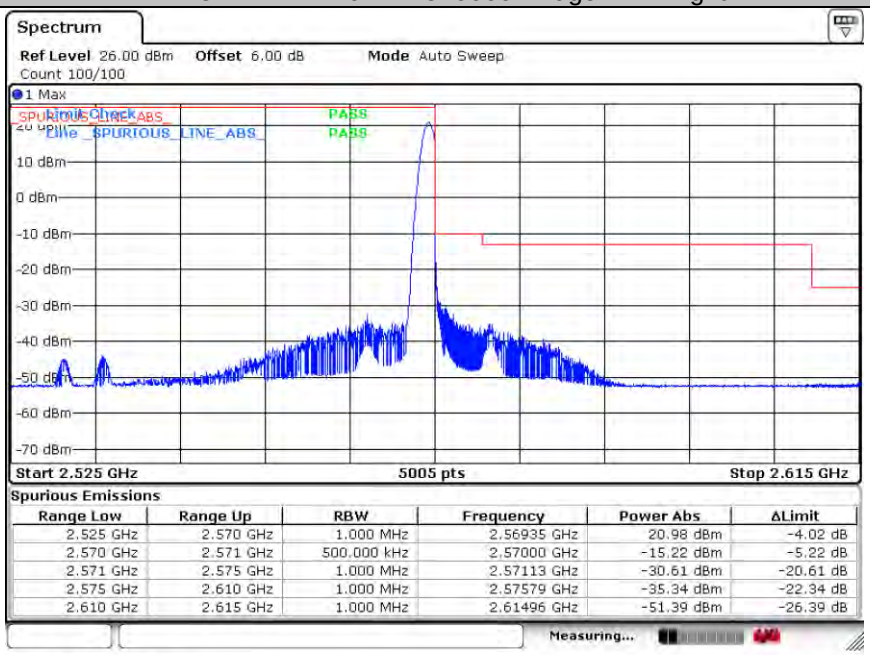
N7 15KHz TM1 40MHz 510000 Edge 1RB Right

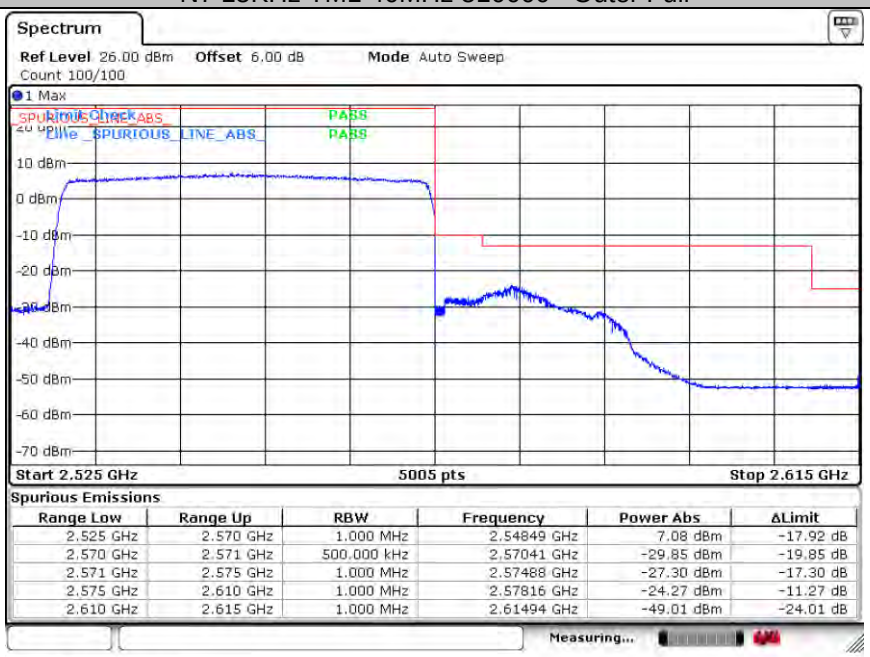


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.525 GHz	2.570 GHz	1.000 MHz	2.56935 GHz	20.98 dBm	-4.02 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57000 GHz	-15.22 dBm	-5.22 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57113 GHz	-30.61 dBm	-20.61 dB
2.575 GHz	2.610 GHz	1.000 MHz	2.57579 GHz	-35.34 dBm	-22.34 dB
2.610 GHz	2.615 GHz	1.000 MHz	2.61496 GHz	-51.39 dBm	-26.39 dB

Date: 10.DEC.2020 20:55:56

N7 15KHz TM1 40MHz 510000 Outer Full



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.525 GHz	2.570 GHz	1.000 MHz	2.54849 GHz	7.08 dBm	-17.92 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57041 GHz	-29.85 dBm	-19.85 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57488 GHz	-27.30 dBm	-17.30 dB
2.575 GHz	2.610 GHz	1.000 MHz	2.57816 GHz	-24.27 dBm	-11.27 dB
2.610 GHz	2.615 GHz	1.000 MHz	2.61494 GHz	-49.01 dBm	-24.01 dB

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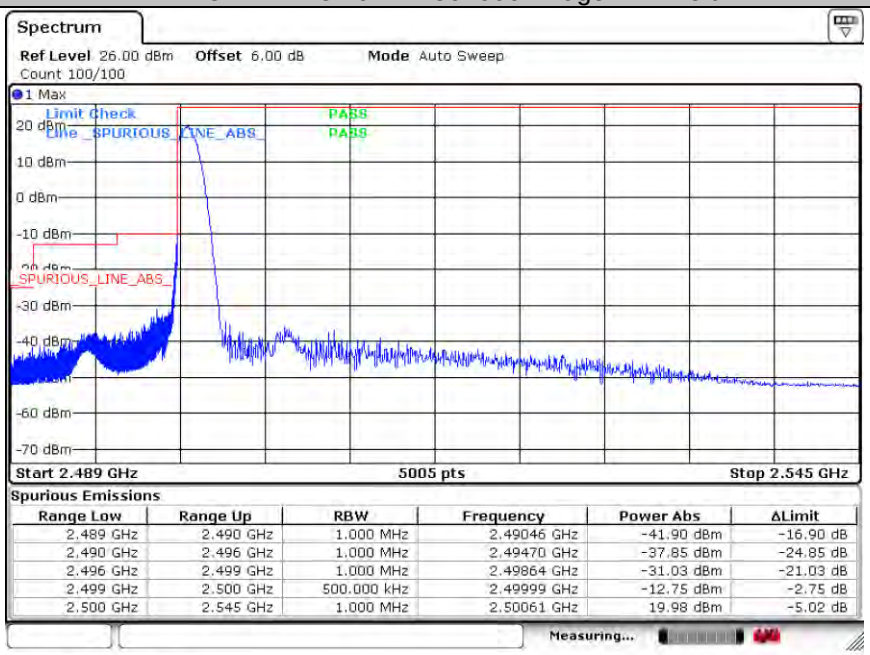
N7 15KHz TM5 40MHz 504000 Edge 1RB Left

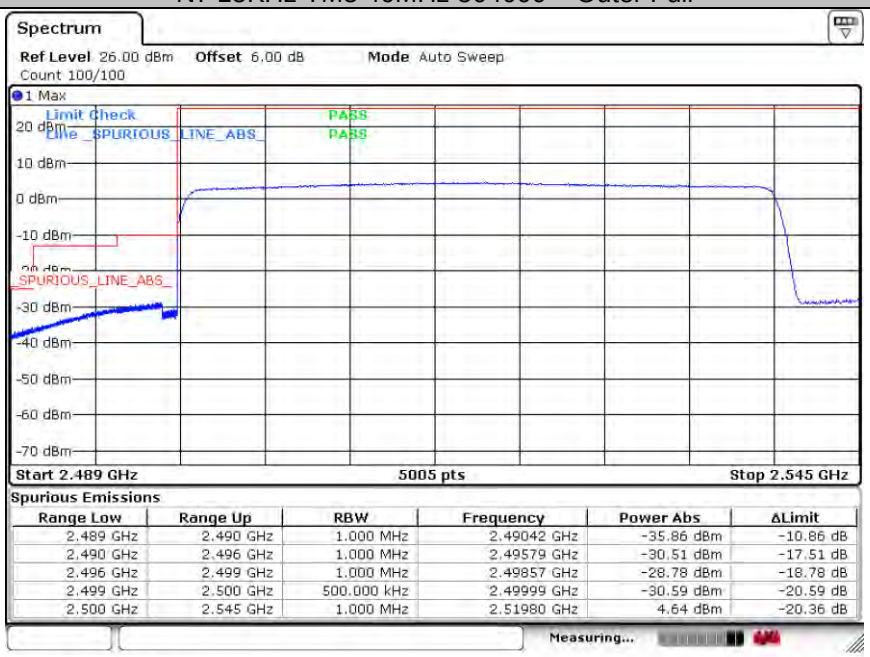


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.489 GHz	2.490 GHz	1.000 MHz	2.49046 GHz	-41.90 dBm	-16.90 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49470 GHz	-37.85 dBm	-24.85 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49864 GHz	-31.03 dBm	-21.03 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.49999 GHz	-12.75 dBm	-2.75 dB
2.500 GHz	2.545 GHz	1.000 MHz	2.50061 GHz	19.98 dBm	-5.02 dB

Date: 10.DEC.2020 19:43:56

N7 15KHz TM5 40MHz 504000 Outer Full



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.489 GHz	2.490 GHz	1.000 MHz	2.49042 GHz	-35.86 dBm	-10.86 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49579 GHz	-30.51 dBm	-17.51 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49857 GHz	-28.78 dBm	-18.78 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.49999 GHz	-30.59 dBm	-20.59 dB
2.500 GHz	2.545 GHz	1.000 MHz	2.51980 GHz	4.64 dBm	-20.36 dB

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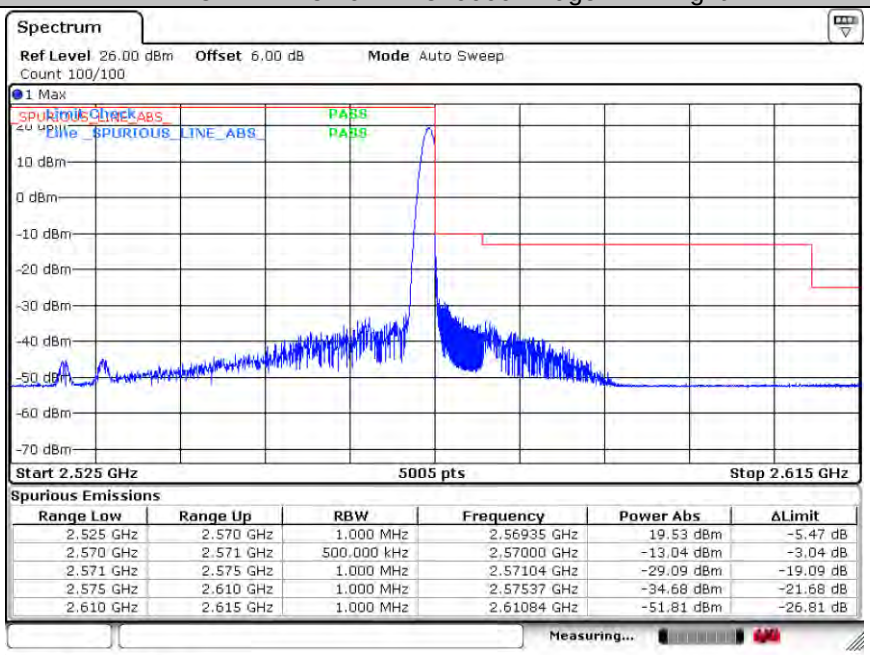
N7 15KHz TM5 40MHz 510000 Edge 1RB Right

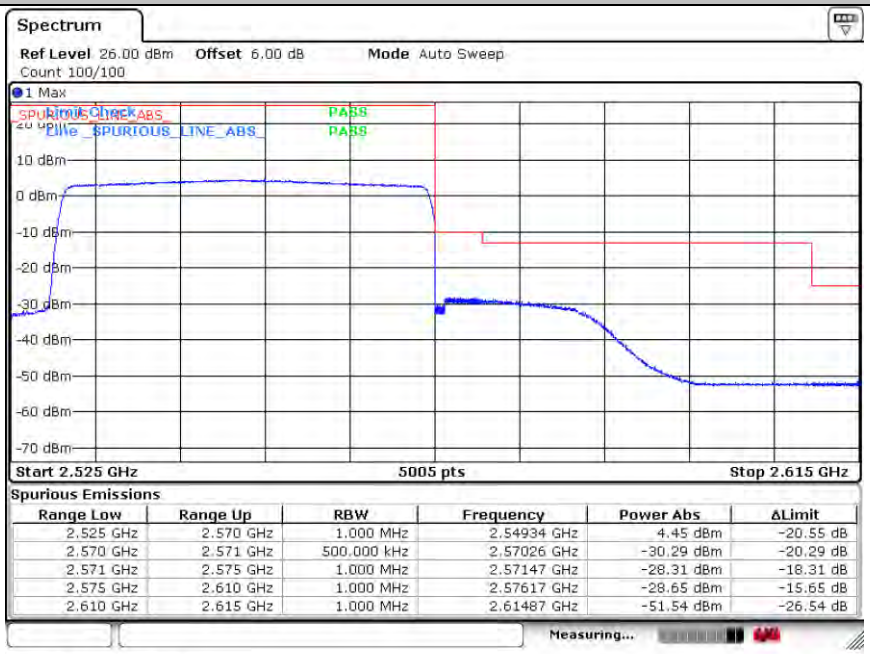


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.525 GHz	2.570 GHz	1.000 MHz	2.56935 GHz	19.53 dBm	-5.47 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57000 GHz	-13.04 dBm	-3.04 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57104 GHz	-29.09 dBm	-19.09 dB
2.575 GHz	2.610 GHz	1.000 MHz	2.57537 GHz	-34.68 dBm	-21.68 dB
2.610 GHz	2.615 GHz	1.000 MHz	2.61084 GHz	-51.81 dBm	-26.81 dB

Date: 10.DEC.2020 20:36:57

N7 15KHz TM5 40MHz 510000 Outer Full



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.525 GHz	2.570 GHz	1.000 MHz	2.54934 GHz	4.45 dBm	-20.55 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57026 GHz	-30.29 dBm	-20.29 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57147 GHz	-28.31 dBm	-18.31 dB
2.575 GHz	2.610 GHz	1.000 MHz	2.57617 GHz	-28.65 dBm	-15.65 dB
2.610 GHz	2.615 GHz	1.000 MHz	2.61487 GHz	-51.54 dBm	-26.54 dB

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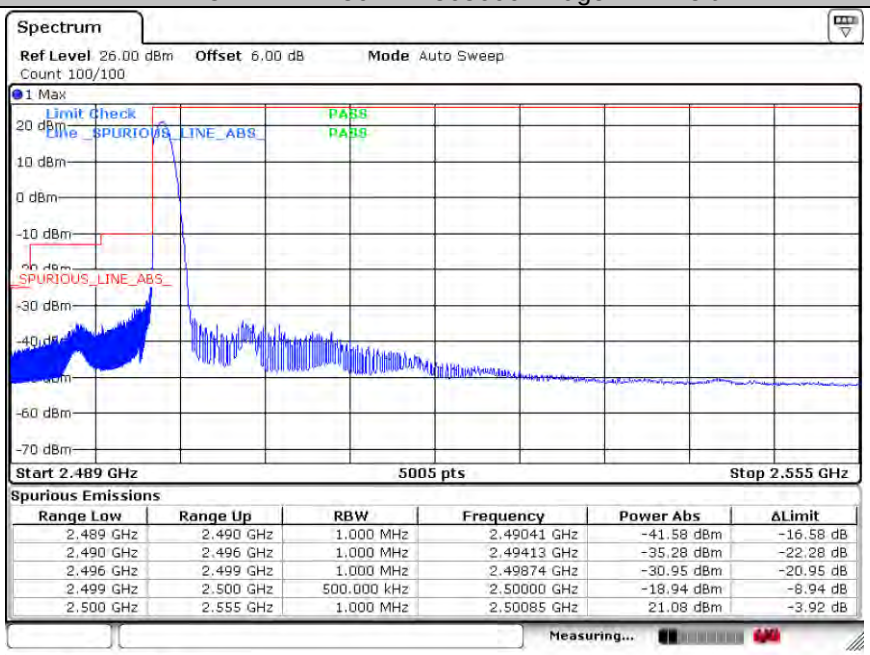
N7 15KHz TM1 50MHz 505000 Edge 1RB Left

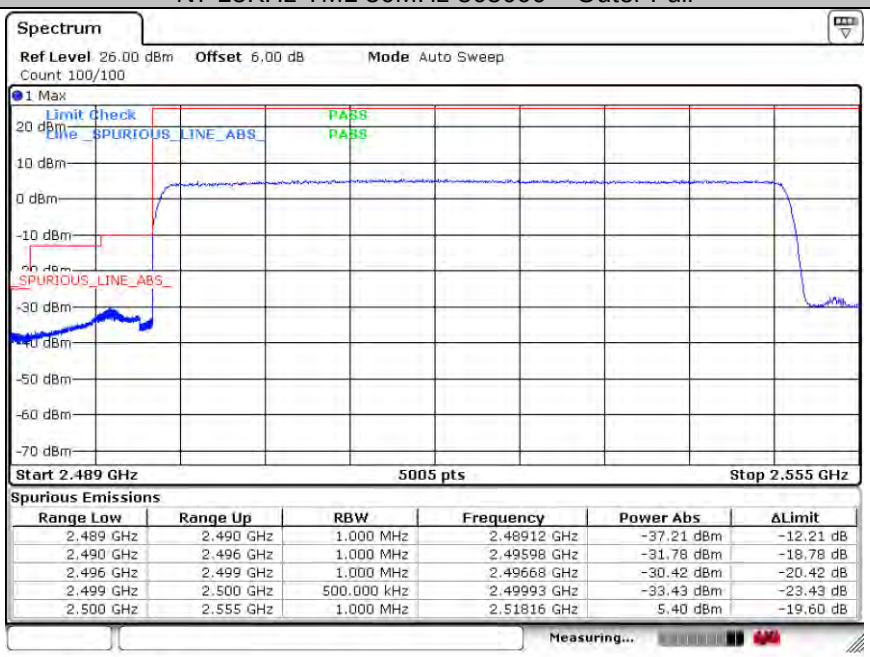


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.489 GHz	2.490 GHz	1.000 MHz	2.49041 GHz	-41.58 dBm	-16.58 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49413 GHz	-35.28 dBm	-22.28 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49874 GHz	-30.95 dBm	-20.95 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.50000 GHz	-18.94 dBm	-8.94 dB
2.500 GHz	2.555 GHz	1.000 MHz	2.50085 GHz	21.08 dBm	-3.92 dB

Date: 10.DEC.2020 19:13:34

N7 15KHz TM1 50MHz 505000 Outer Full



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.489 GHz	2.490 GHz	1.000 MHz	2.48912 GHz	-37.21 dBm	-12.21 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49598 GHz	-31.78 dBm	-18.78 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49668 GHz	-30.42 dBm	-20.42 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.49993 GHz	-33.43 dBm	-23.43 dB
2.500 GHz	2.555 GHz	1.000 MHz	2.51816 GHz	5.40 dBm	-19.60 dB

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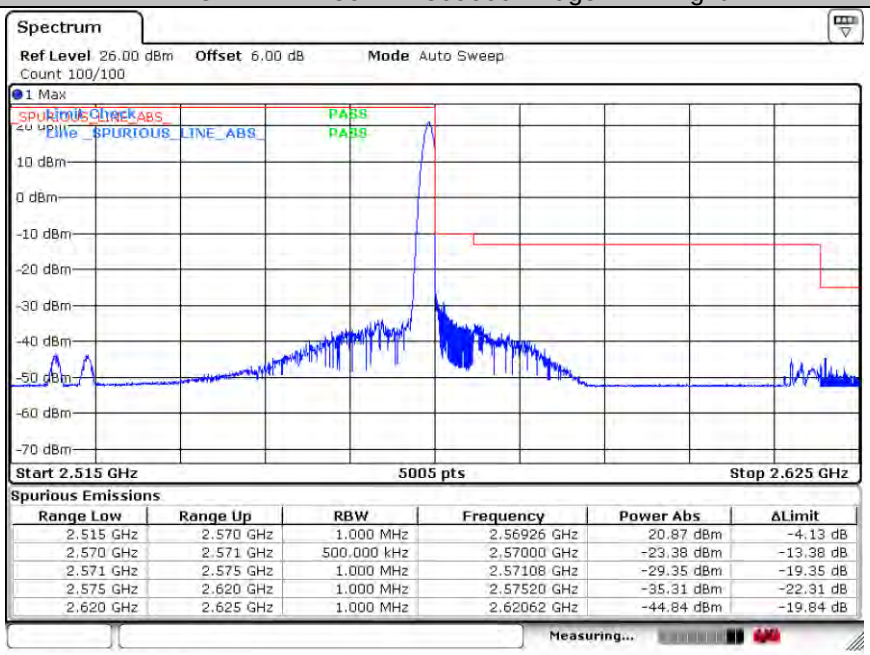
N7 15KHz TM1 50MHz 509000 Edge 1RB Right

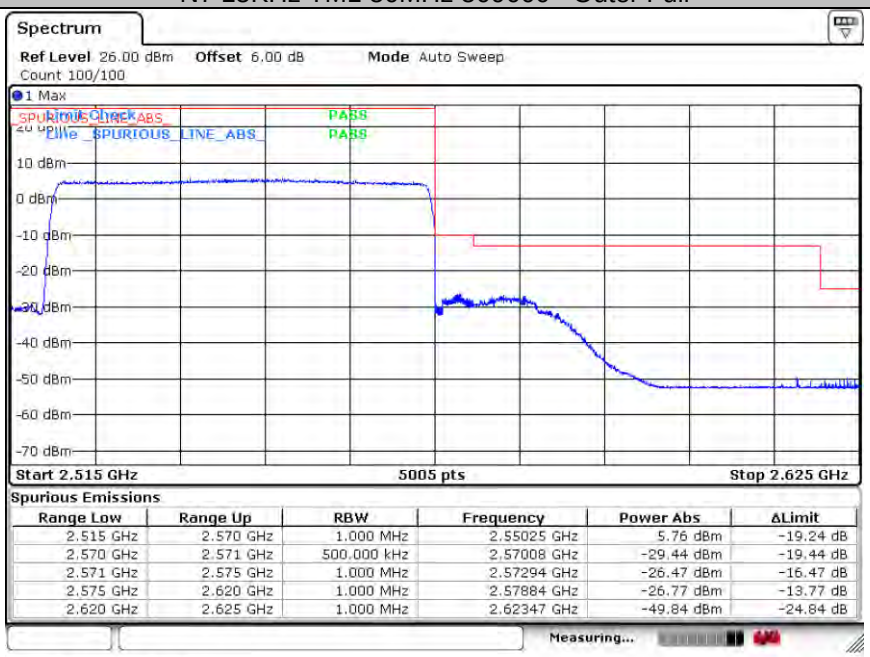


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.515 GHz	2.570 GHz	1.000 MHz	2.56926 GHz	20.87 dBm	-4.13 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57000 GHz	-23.38 dBm	-13.38 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57108 GHz	-29.35 dBm	-19.35 dB
2.575 GHz	2.620 GHz	1.000 MHz	2.57520 GHz	-35.31 dBm	-22.31 dB
2.620 GHz	2.625 GHz	1.000 MHz	2.62062 GHz	-44.84 dBm	-19.84 dB

Date: 10.DEC.2020 20:52:00

N7 15KHz TM1 50MHz 509000 Outer Full



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.515 GHz	2.570 GHz	1.000 MHz	2.55025 GHz	5.76 dBm	-19.24 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57008 GHz	-29.44 dBm	-19.44 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57294 GHz	-26.47 dBm	-16.47 dB
2.575 GHz	2.620 GHz	1.000 MHz	2.57884 GHz	-26.77 dBm	-13.77 dB
2.620 GHz	2.625 GHz	1.000 MHz	2.62347 GHz	-49.84 dBm	-24.84 dB

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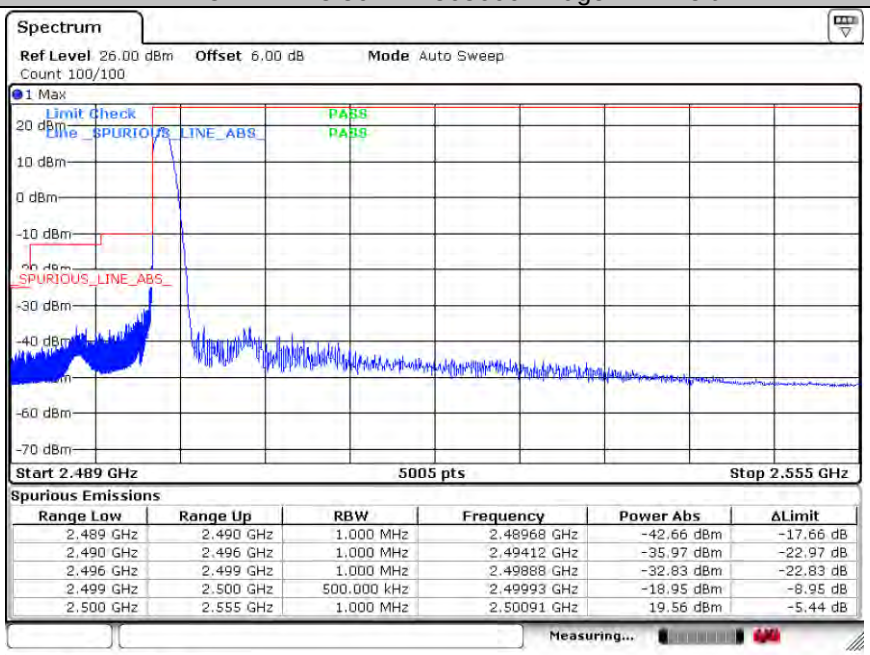
N7 15KHz TM5 50MHz 505000 Edge 1RB Left

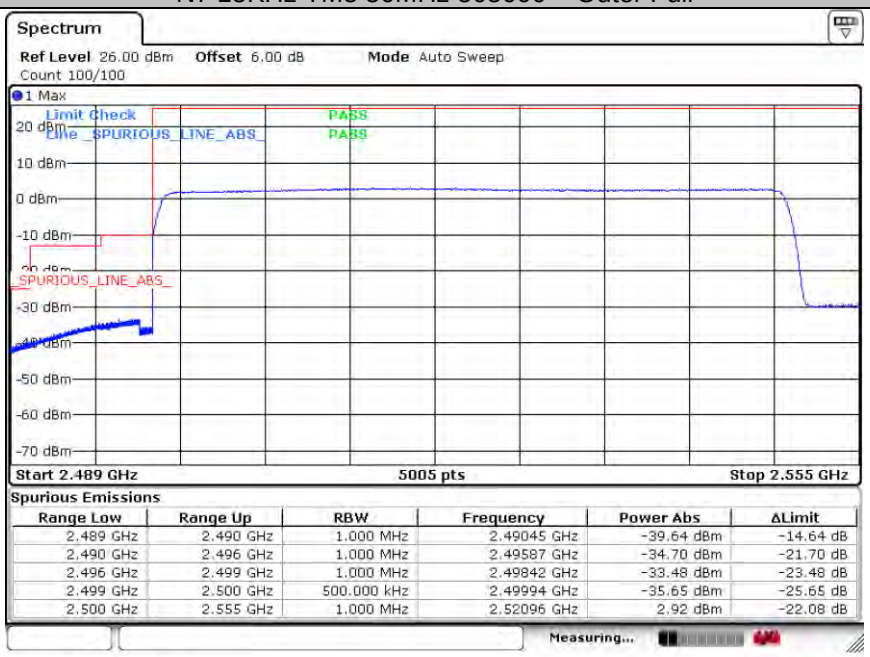


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.489 GHz	2.490 GHz	1.000 MHz	2.48968 GHz	-42.66 dBm	-17.66 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49412 GHz	-35.97 dBm	-22.97 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49888 GHz	-32.83 dBm	-22.83 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.49993 GHz	-18.95 dBm	-8.95 dB
2.500 GHz	2.555 GHz	1.000 MHz	2.50091 GHz	19.56 dBm	-5.44 dB

Date: 10.DEC.2020 19:47:08

N7 15KHz TM5 50MHz 505000 Outer Full



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.489 GHz	2.490 GHz	1.000 MHz	2.49045 GHz	-39.64 dBm	-14.64 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49587 GHz	-34.70 dBm	-21.70 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49842 GHz	-33.48 dBm	-23.48 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.49994 GHz	-35.65 dBm	-25.65 dB
2.500 GHz	2.555 GHz	1.000 MHz	2.52096 GHz	2.92 dBm	-22.08 dB

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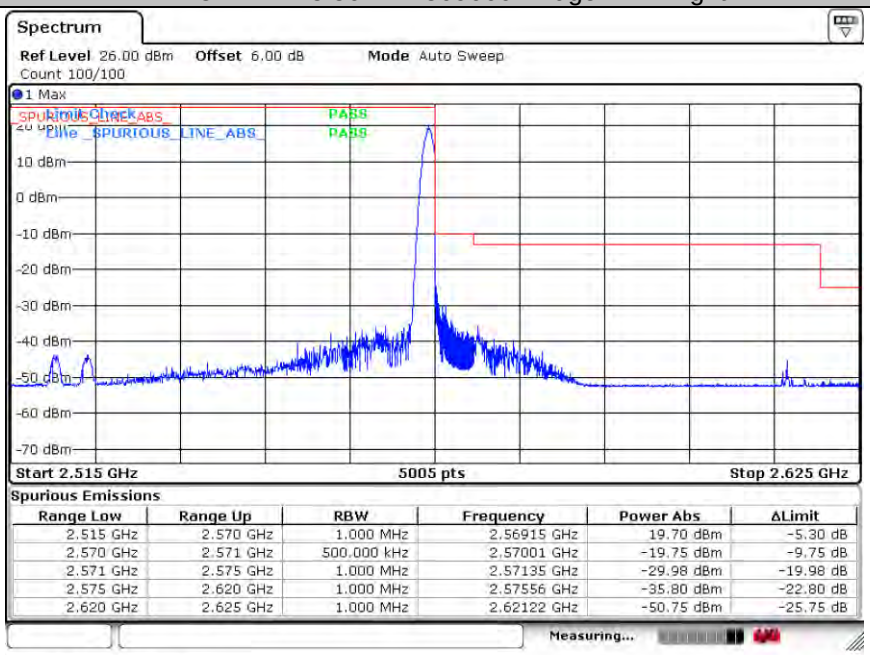
N7 15KHz TM5 50MHz 509000 Edge 1RB Right

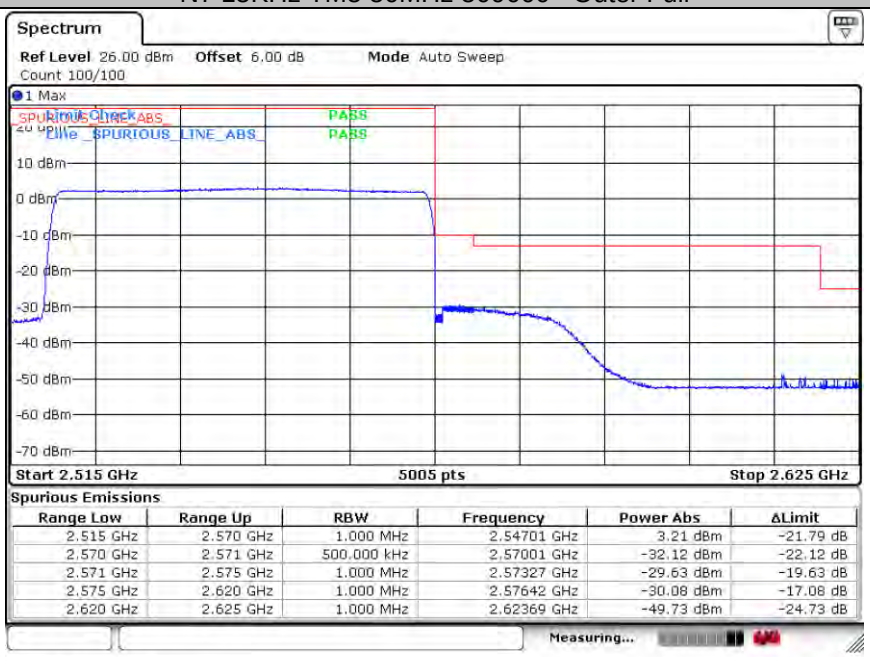


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.515 GHz	2.570 GHz	1.000 MHz	2.56915 GHz	19.70 dBm	-5.30 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57001 GHz	-19.75 dBm	-9.75 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57135 GHz	-29.98 dBm	-19.98 dB
2.575 GHz	2.620 GHz	1.000 MHz	2.57556 GHz	-35.80 dBm	-22.80 dB
2.620 GHz	2.625 GHz	1.000 MHz	2.62122 GHz	-50.75 dBm	-25.75 dB

Date: 10.DEC.2020 20:45:49

N7 15KHz TM5 50MHz 509000 Outer Full



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.515 GHz	2.570 GHz	1.000 MHz	2.54701 GHz	3.21 dBm	-21.79 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57001 GHz	-32.12 dBm	-22.12 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57327 GHz	-29.63 dBm	-19.63 dB
2.575 GHz	2.620 GHz	1.000 MHz	2.57642 GHz	-30.08 dBm	-17.08 dB
2.620 GHz	2.625 GHz	1.000 MHz	2.62369 GHz	-49.73 dBm	-24.73 dB

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REMARK:

All antenna and all modulation had been tested, but only the worst case data displayed in this report.

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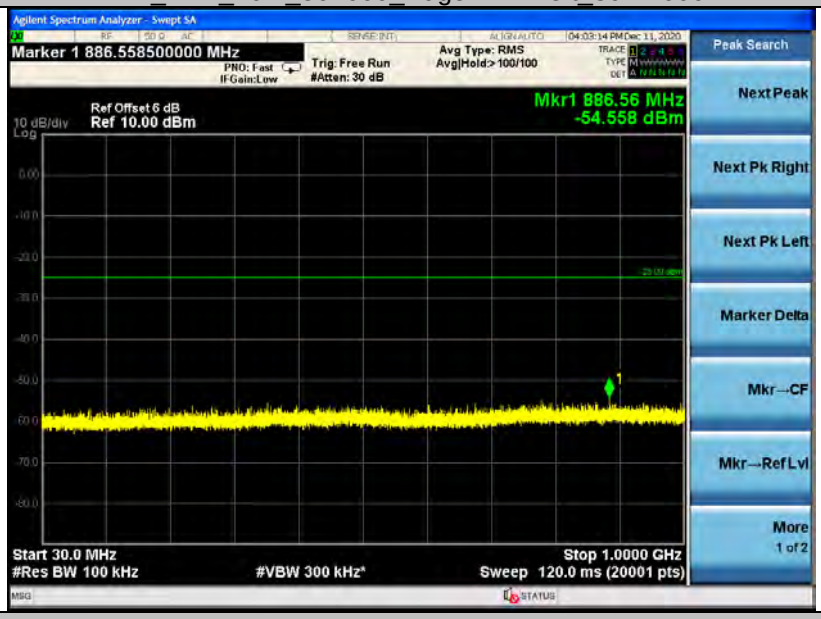
6 Spurious Emission at Antenna Terminal

REMARK: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of < RBW/2 so that narrow Band signals are not lost between frequency bins. As to the present test item, the "Measurement Points = k * (Span / RBW)" with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

6.1 Test Plots

N7_TM1_20M_502000_Edge 1RB Left_30 - 1000



N7_TM1_20M_502000_Edge 1RB Left_1000 - 26500

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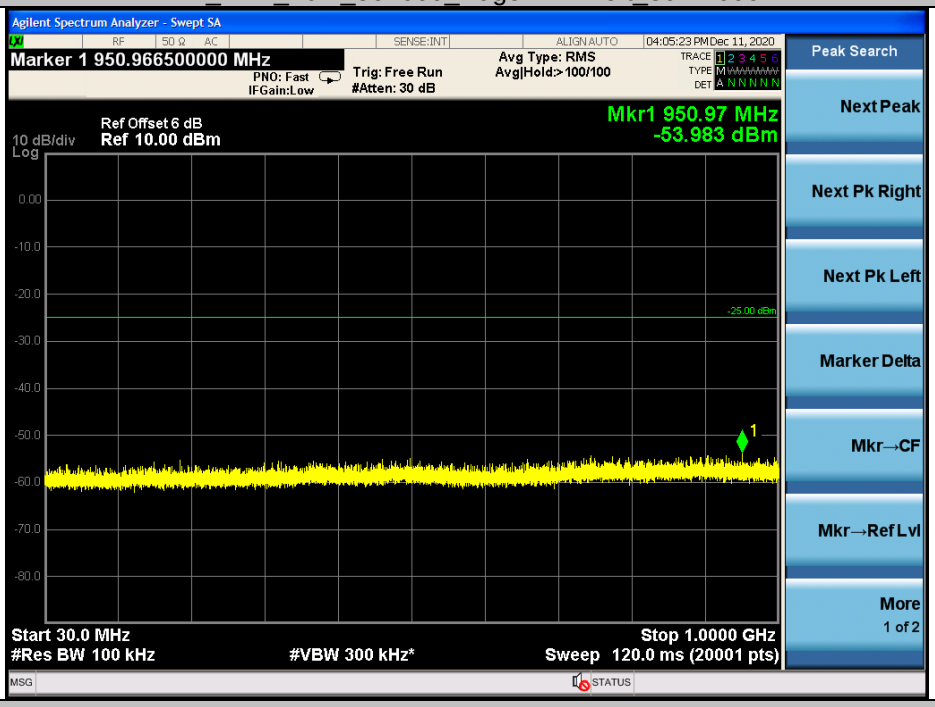
N7_TM1_20M_507000_Edge 1RB Left_30 - 1000



N7_TM1_20M_507000_Edge 1RB Left_1000 - 265000

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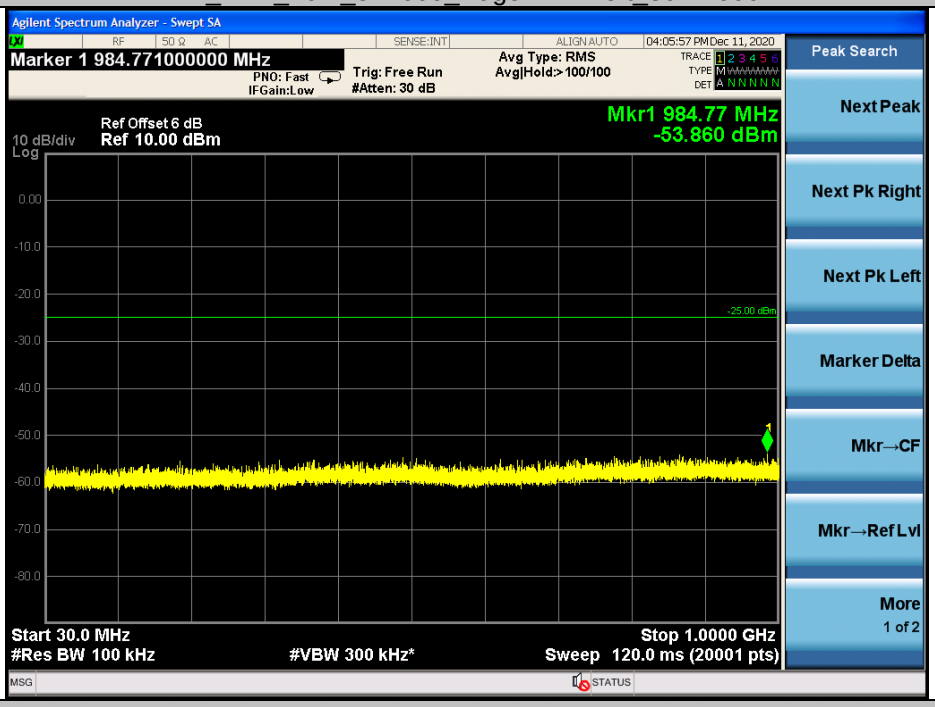
N7_TM1_20M_512000_Edge 1RB Left_30 - 1000



N7_TM1_20M_512000_Edge 1RB Left_1000 - 265000

REMARK:
All antenna and all modulation had been tested, but only the worst case data displayed in this report.

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7 Field Strength of Spurious Radiation

7.1 Test Band = N7 (Ant 4)

7.1.1 50MHz _TM1

7.1.1.1 Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
38.9258	-69.24	-13.00	56.24	Vertical
99.8540	-54.69	-13.00	41.69	Vertical
520.5301	-80.86	-13.00	67.86	Vertical
1753.5377	-58.59	-13.00	45.59	Vertical
7502.4751	-48.61	-13.00	35.61	Vertical
16287.6644	-39.32	-13.00	26.32	Vertical
38.1496	-69.27	-13.00	56.27	Horizontal
95.5851	-70.76	-13.00	57.76	Horizontal
205.0230	-75.70	-13.00	62.70	Horizontal
1802.3401	-50.28	-13.00	37.28	Horizontal
6502.6751	-51.75	-13.00	38.75	Horizontal
17405.2203	-38.46	-13.00	25.46	Horizontal

7.1.1.2 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
87.6295	-57.27	-13.00	44.27	Vertical
100.0480	-57.10	-13.00	44.10	Vertical
154.7670	-74.53	-13.00	61.53	Vertical
1441.6221	-60.01	-13.00	47.01	Vertical
5643.1322	-52.57	-13.00	39.57	Vertical
17864.9933	-38.86	-13.00	25.86	Vertical
38.9258	-71.34	-13.00	58.34	Horizontal
97.3315	-72.33	-13.00	59.33	Horizontal
154.1848	-75.02	-13.00	62.02	Horizontal
1797.1399	-50.22	-13.00	37.22	Horizontal
7113.9557	-50.40	-13.00	37.40	Horizontal
17387.2194	-38.52	-13.00	25.52	Horizontal

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7.1.1.3 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
38.5377	-69.81	-13.00	56.81	Vertical
100.8242	-57.35	-13.00	44.35	Vertical
155.1550	-74.52	-13.00	61.52	Vertical
1441.5221	-54.96	-13.00	41.96	Vertical
9742.0871	-44.95	-13.00	31.95	Vertical
17852.2426	-39.05	-13.00	26.05	Vertical
38.5377	-72.06	-13.00	59.06	Horizontal
101.6003	-73.33	-13.00	60.33	Horizontal
205.0230	-75.57	-13.00	62.57	Horizontal
1800.7400	-44.46	-13.00	31.46	Horizontal
5779.6390	-53.06	-13.00	40.06	Horizontal
17393.9697	-38.19	-13.00	25.19	Horizontal

7.2 Test Band = N7 (Ant 3)

7.2.1 50MHz _TM1

7.2.1.1 Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
37.5675	-68.12	-13.00	55.12	Vertical
100.2420	-55.39	-13.00	42.39	Vertical
155.1550	-74.25	-13.00	61.25	Vertical
1413.1207	-59.98	-13.00	46.98	Vertical
5729.3865	-51.54	-13.00	38.54	Vertical
17852.9927	-39.12	-13.00	26.12	Vertical
38.3437	-69.24	-13.00	56.24	Horizontal
97.9136	-71.20	-13.00	58.20	Horizontal
204.4409	-75.73	-13.00	62.73	Horizontal
1800.6400	-50.30	-13.00	37.30	Horizontal
9719.5860	-46.00	-13.00	33.00	Horizontal
17381.9691	-38.62	-13.00	25.62	Horizontal

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7.2.1.2 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
38.9258	-68.70	-13.00	55.70	Vertical
87.0474	-55.45	-13.00	42.45	Vertical
712.4345	-78.92	-13.00	65.92	Vertical
1844.9422	-60.01	-13.00	47.01	Vertical
5739.8870	-51.83	-13.00	38.83	Vertical
17766.7383	-39.09	-13.00	26.09	Vertical
38.7317	-70.45	-13.00	57.45	Horizontal
97.1374	-70.99	-13.00	57.99	Horizontal
154.3789	-74.93	-13.00	61.93	Horizontal
1801.8401	-50.20	-13.00	37.20	Horizontal
7101.9551	-50.97	-13.00	37.97	Horizontal
17384.9692	-38.33	-13.00	25.33	Horizontal

7.2.1.3 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
38.7317	-70.90	-13.00	57.90	Vertical
99.6599	-56.63	-13.00	43.63	Vertical
515.8732	-80.30	-13.00	67.30	Vertical
1746.2373	-59.12	-13.00	46.12	Vertical
5694.1347	-51.72	-13.00	38.72	Vertical
17862.7431	-38.78	-13.00	25.78	Vertical
37.9556	-72.33	-13.00	59.33	Horizontal
101.4063	-72.85	-13.00	59.85	Horizontal
204.2468	-75.95	-13.00	62.95	Horizontal
1801.3401	-50.14	-13.00	37.14	Horizontal
7562.4781	-48.46	-13.00	35.46	Horizontal
17384.2192	-38.45	-13.00	25.45	Horizontal

Remark:

1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.

2 The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.

3 All modulation and all Bandwidth had been tested, but only the worst case data displayed in this report.

4 The disturbance above26.5GHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.

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8 Frequency Stability

8.1 Frequency Error VS. Voltage

NR Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage [Vdc]	Temperature(℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
N7	15KHz	50MHz	TM1	505000	Outer Full	VL	NT	-12.44	-0.00493	±2.5	PASS
N7	15KHz	50MHz	TM1	505000	Outer Full	VN	NT	-11.33	-0.00449	±2.5	PASS
N7	15KHz	50MHz	TM1	505000	Outer Full	VH	NT	10.26	0.00406	±2.5	PASS
N7	15KHz	50MHz	TM1	507000	Outer Full	VL	NT	-15.58	-0.00615	±2.5	PASS
N7	15KHz	50MHz	TM1	507000	Outer Full	VN	NT	-9.64	-0.00380	±2.5	PASS
N7	15KHz	50MHz	TM1	507000	Outer Full	VH	NT	-13.61	-0.00537	±2.5	PASS
N7	15KHz	50MHz	TM1	509000	Outer Full	VL	NT	-13.93	-0.00547	±2.5	PASS
N7	15KHz	50MHz	TM1	509000	Outer Full	VN	NT	9.61	0.00378	±2.5	PASS
N7	15KHz	50MHz	TM1	509000	Outer Full	VH	NT	8.41	0.00330	±2.5	PASS
N7	15KHz	50MHz	TM5	505000	Outer Full	VL	NT	-8.53	-0.00338	±2.5	PASS
N7	15KHz	50MHz	TM5	505000	Outer Full	VN	NT	-12.06	-0.00478	±2.5	PASS
N7	15KHz	50MHz	TM5	505000	Outer Full	VH	NT	11.33	0.00449	±2.5	PASS
N7	15KHz	50MHz	TM5	507000	Outer Full	VL	NT	-10.68	-0.00421	±2.5	PASS
N7	15KHz	50MHz	TM5	507000	Outer Full	VN	NT	17.33	0.00684	±2.5	PASS
N7	15KHz	50MHz	TM5	507000	Outer Full	VH	NT	12.11	0.00478	±2.5	PASS
N7	15KHz	50MHz	TM5	509000	Outer Full	VL	NT	-18.22	-0.00716	±2.5	PASS
N7	15KHz	50MHz	TM5	509000	Outer Full	VN	NT	-10.56	-0.00415	±2.5	PASS
N7	15KHz	50MHz	TM5	509000	Outer Full	VH	NT	9.07	0.00356	±2.5	PASS

8.2 Frequency Error VS. Temperature

NR Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage [Vdc]	Temperature(℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
N7	15KHz	50MHz	TM1	505000	Outer Full	VN	-30	-9.52	-0.00377	±2.5	PASS
N7	15KHz	50MHz	TM1	505000	Outer Full	VN	-20	10.11	0.00400	±2.5	PASS
N7	15KHz	50MHz	TM1	505000	Outer Full	VN	-10	11.63	0.00461	±2.5	PASS
N7	15KHz	50MHz	TM1	505000	Outer Full	VN	0	-11.11	-0.00440	±2.5	PASS
N7	15KHz	50MHz	TM1	505000	Outer Full	VN	10	-11.23	-0.00445	±2.5	PASS
N7	15KHz	50MHz	TM1	505000	Outer Full	VN	20	-13.47	-0.00533	±2.5	PASS
N7	15KHz	50MHz	TM1	505000	Outer Full	VN	30	12.12	0.00480	±2.5	PASS
N7	15KHz	50MHz	TM1	505000	Outer Full	VN	40	13.54	0.00536	±2.5	PASS
N7	15KHz	50MHz	TM1	505000	Outer Full	VN	50	-11.72	-0.00464	±2.5	PASS
N7	15KHz	50MHz	TM1	507000	Outer Full	VN	-30	9.63	0.00380	±2.5	PASS
N7	15KHz	50MHz	TM1	507000	Outer Full	VN	-20	-11.46	-0.00452	±2.5	PASS
N7	15KHz	50MHz	TM1	507000	Outer Full	VN	-10	21.83	0.00861	±2.5	PASS
N7	15KHz	50MHz	TM1	507000	Outer Full	VN	0	-13.95	-0.00550	±2.5	PASS
N7	15KHz	50MHz	TM1	507000	Outer Full	VN	10	-12.36	-0.00488	±2.5	PASS
N7	15KHz	50MHz	TM1	507000	Outer Full	VN	20	14.53	0.00573	±2.5	PASS
N7	15KHz	50MHz	TM1	507000	Outer Full	VN	30	-10.24	-0.00404	±2.5	PASS

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N7	15KHz	50MHz	TM1	507000	Outer Full	VN	40	-11.52	-0.00454	±2.5	PASS
N7	15KHz	50MHz	TM1	507000	Outer Full	VN	50	15.56	0.00614	±2.5	PASS
N7	15KHz	50MHz	TM1	509000	Outer Full	VN	-30	-12.43	-0.00488	±2.5	PASS
N7	15KHz	50MHz	TM1	509000	Outer Full	VN	-20	7.08	0.00278	±2.5	PASS
N7	15KHz	50MHz	TM1	509000	Outer Full	VN	-10	12.52	0.00492	±2.5	PASS
N7	15KHz	50MHz	TM1	509000	Outer Full	VN	0	9.36	0.00368	±2.5	PASS
N7	15KHz	50MHz	TM1	509000	Outer Full	VN	10	-10.21	-0.00401	±2.5	PASS
N7	15KHz	50MHz	TM1	509000	Outer Full	VN	20	-11.86	-0.00466	±2.5	PASS
N7	15KHz	50MHz	TM1	509000	Outer Full	VN	30	11.05	0.00434	±2.5	PASS
N7	15KHz	50MHz	TM1	509000	Outer Full	VN	40	12.43	0.00488	±2.5	PASS
N7	15KHz	50MHz	TM1	509000	Outer Full	VN	50	-14.07	-0.00553	±2.5	PASS
N7	15KHz	50MHz	TM5	505000	Outer Full	VN	-30	9.51	0.00377	±2.5	PASS
N7	15KHz	50MHz	TM5	505000	Outer Full	VN	-20	-11.64	-0.00461	±2.5	PASS
N7	15KHz	50MHz	TM5	505000	Outer Full	VN	-10	9.65	0.00382	±2.5	PASS
N7	15KHz	50MHz	TM5	505000	Outer Full	VN	0	-9.39	-0.00372	±2.5	PASS
N7	15KHz	50MHz	TM5	505000	Outer Full	VN	10	7.58	0.00300	±2.5	PASS
N7	15KHz	50MHz	TM5	505000	Outer Full	VN	20	-16.52	-0.00654	±2.5	PASS
N7	15KHz	50MHz	TM5	505000	Outer Full	VN	30	-11.35	-0.00450	±2.5	PASS
N7	15KHz	50MHz	TM5	505000	Outer Full	VN	40	11.64	0.00461	±2.5	PASS
N7	15KHz	50MHz	TM5	505000	Outer Full	VN	50	-11.36	-0.00450	±2.5	PASS
N7	15KHz	50MHz	TM5	507000	Outer Full	VN	-30	-19.42	-0.00766	±2.5	PASS
N7	15KHz	50MHz	TM5	507000	Outer Full	VN	-20	-8.65	-0.00341	±2.5	PASS
N7	15KHz	50MHz	TM5	507000	Outer Full	VN	-10	-10.23	-0.00404	±2.5	PASS
N7	15KHz	50MHz	TM5	507000	Outer Full	VN	0	-18.56	-0.00732	±2.5	PASS
N7	15KHz	50MHz	TM5	507000	Outer Full	VN	10	13.54	0.00534	±2.5	PASS
N7	15KHz	50MHz	TM5	507000	Outer Full	VN	20	-13.80	-0.00544	±2.5	PASS
N7	15KHz	50MHz	TM5	507000	Outer Full	VN	30	-10.29	-0.00406	±2.5	PASS
N7	15KHz	50MHz	TM5	507000	Outer Full	VN	40	-8.69	-0.00343	±2.5	PASS
N7	15KHz	50MHz	TM5	507000	Outer Full	VN	50	-9.15	-0.00361	±2.5	PASS
N7	15KHz	50MHz	TM5	509000	Outer Full	VN	-30	-11.88	-0.00467	±2.5	PASS
N7	15KHz	50MHz	TM5	509000	Outer Full	VN	-20	-10.95	-0.00430	±2.5	PASS
N7	15KHz	50MHz	TM5	509000	Outer Full	VN	-10	8.46	0.00332	±2.5	PASS
N7	15KHz	50MHz	TM5	509000	Outer Full	VN	0	-11.45	-0.00450	±2.5	PASS
N7	15KHz	50MHz	TM5	509000	Outer Full	VN	10	14.11	0.00554	±2.5	PASS
N7	15KHz	50MHz	TM5	509000	Outer Full	VN	20	19.54	0.00768	±2.5	PASS
N7	15KHz	50MHz	TM5	509000	Outer Full	VN	30	15.12	0.00594	±2.5	PASS
N7	15KHz	50MHz	TM5	509000	Outer Full	VN	40	-10.68	-0.00420	±2.5	PASS
N7	15KHz	50MHz	TM5	509000	Outer Full	VN	50	19.53	0.00767	±2.5	PASS

REMARK:

All antenna and all modulation had been tested, but only the worst case data displayed in this report

The End

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