



Product Service

FCC ID: VBNAHHB-01
IC ID: 661A1-AHHB

Test Report No:
D568352794

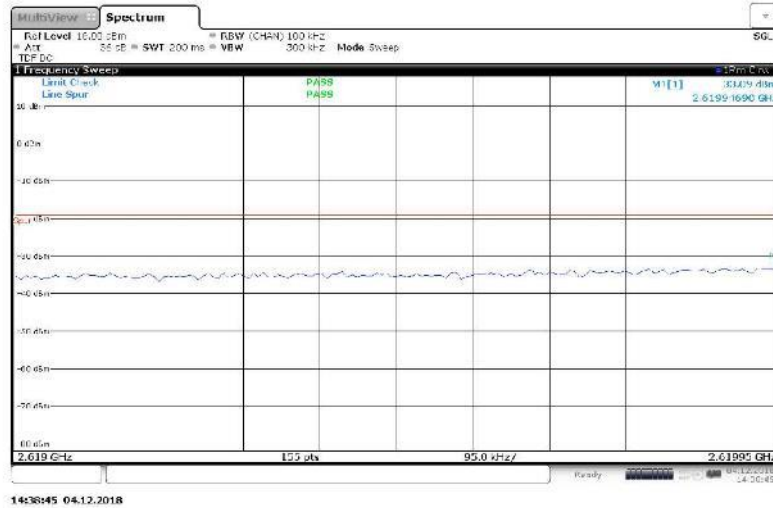


Figure 33 Spurious Emissions (Lower Band Edge) – 16QAM (2625 MHz, 10 MHz Channel BW)

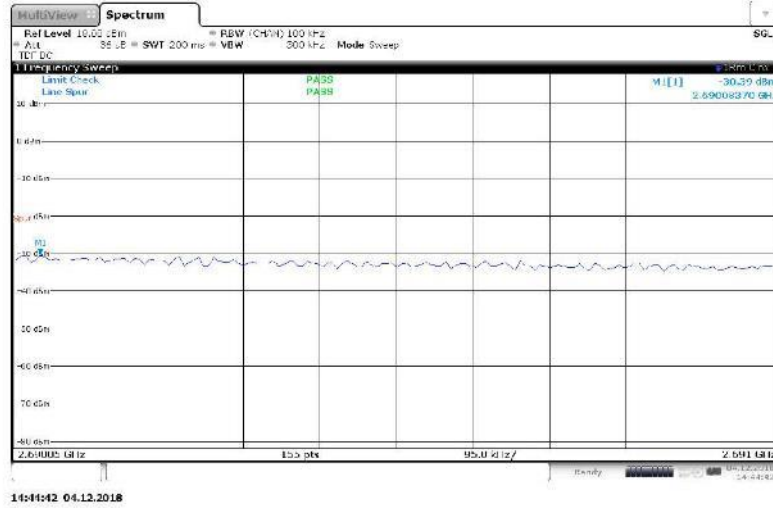


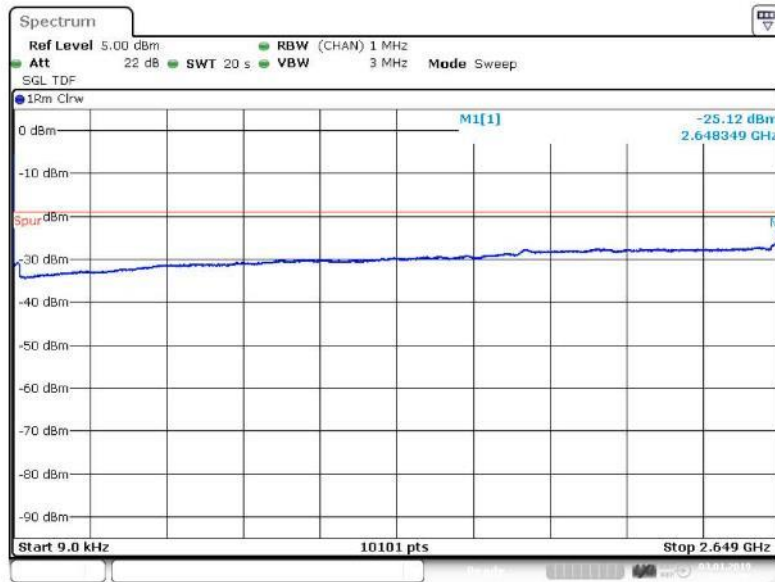
Figure 34 Spurious Emissions (Upper Band Edge) – 16QAM (2685 MHz, 10 MHz Channel BW)



Product Service

FCC ID: VBNAHHB-01
IC ID: 661A1-AHHB

Test Report No:
D568352794



Date: 3 JAN 2019 16:53:37

Figure 35 Spurious Emissions (9kHz – 2.649 GHz) – 16QAM (2655 MHz, 10 MHz Channel BW)



14:41:37 04.12.2018

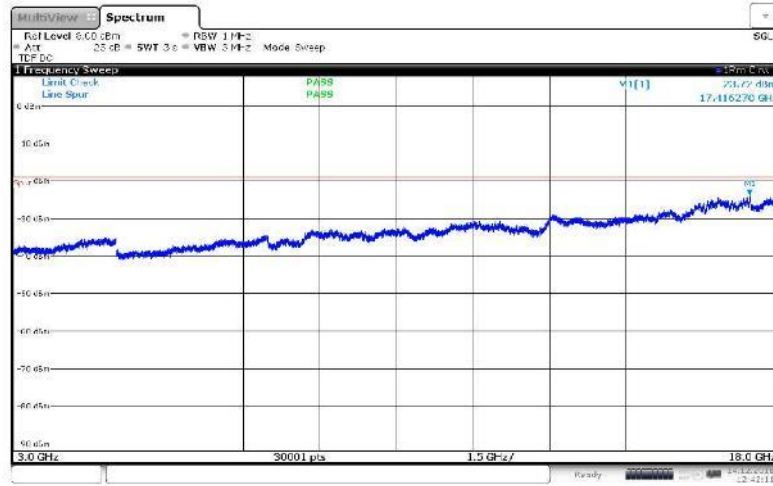
Figure 36 Spurious Emissions (2.661 GHz – 3 GHz) – 16QAM (2655 MHz, 10 MHz Channel BW)



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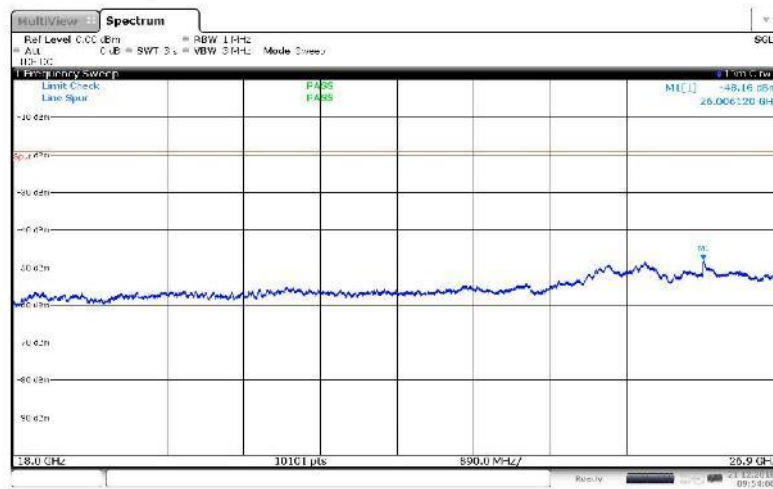
FCC ID: VBNAHHB-01
IC ID: 661A1-AHHB

Test Report No:
D568352794



1224211 14.12.2018

Figure 37 Spurious Emissions (3 GHz – 18GHz) – 16QAM (2655 MHz, 10 MHz Channel BW)



0925408 21.12.2018

Figure 38 Spurious Emissions (18GHz – 26.9GHz) – 16QAM (2655 MHz, 10 MHz Channel BW)



Product Service

FCC ID: VBNAHHB-01
IC ID: 661A1-AHHB

Test Report No:
D568352794

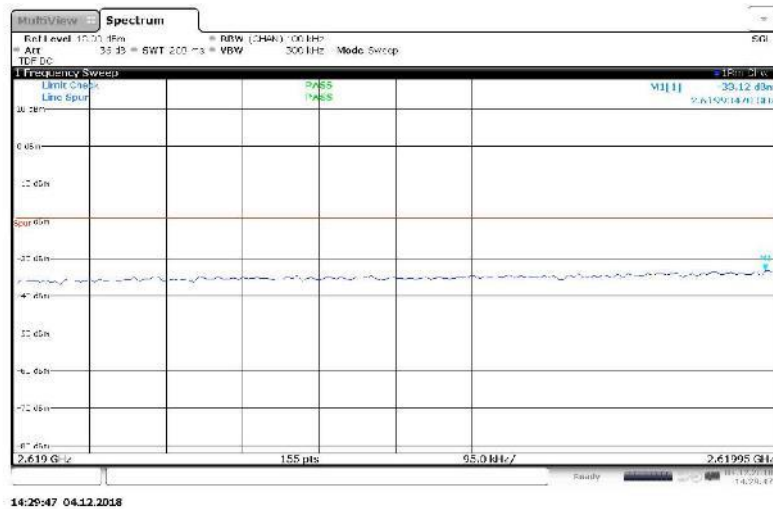


Figure 39 Spurious Emissions (Lower Band Edge) – 64QAM (2625 MHz, 10 MHz Channel BW)

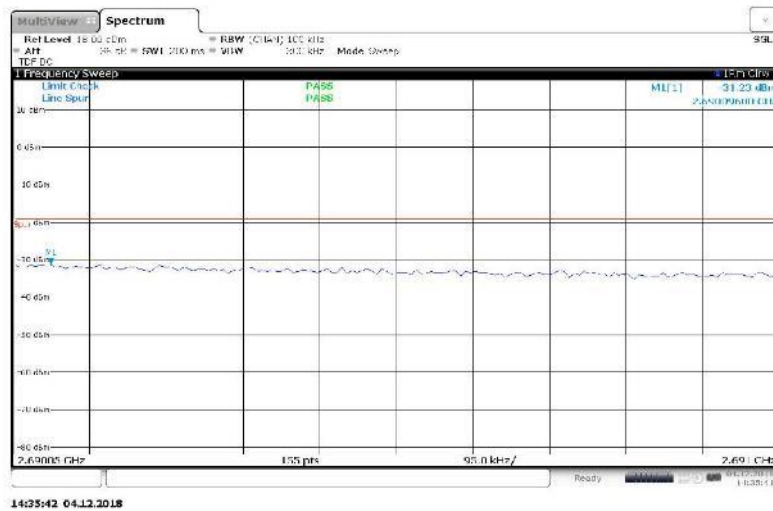


Figure 40 Spurious Emissions (Upper Band Edge) – 64QAM (2685 MHz, 10 MHz Channel BW)



Product Service

FCC ID: VBNAHHB-01
IC ID: 661A1-AHHB

Test Report No:
D568352794

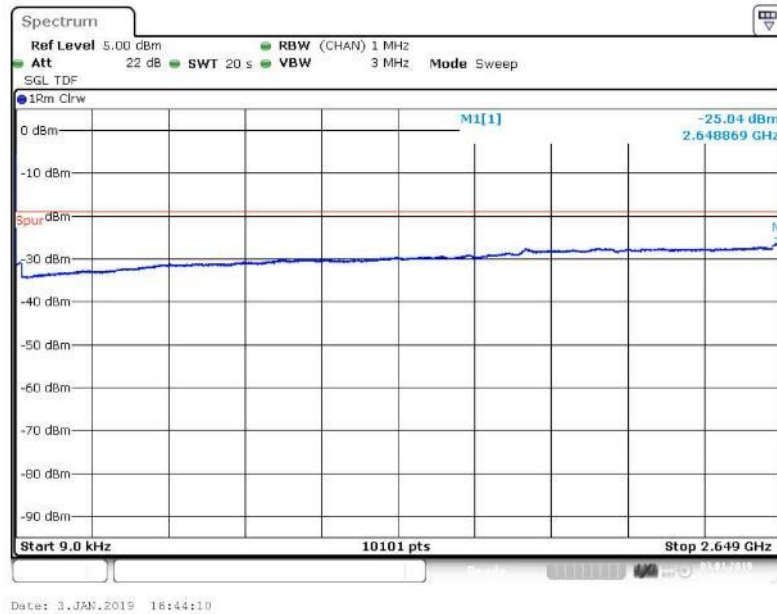


Figure 41 Spurious Emissions (9kHz – 2.649 GHz) – 64QAM (2655 MHz, 10 MHz Channel BW)



Figure 42 Spurious Emissions (2.661 GHz – 3 GHz) – 64QAM (2655 MHz, 10 MHz Channel BW)



Product Service

FCC ID: VBNAHHB-01
IC ID: 661A1-AHHB

Test Report No:
D568352794

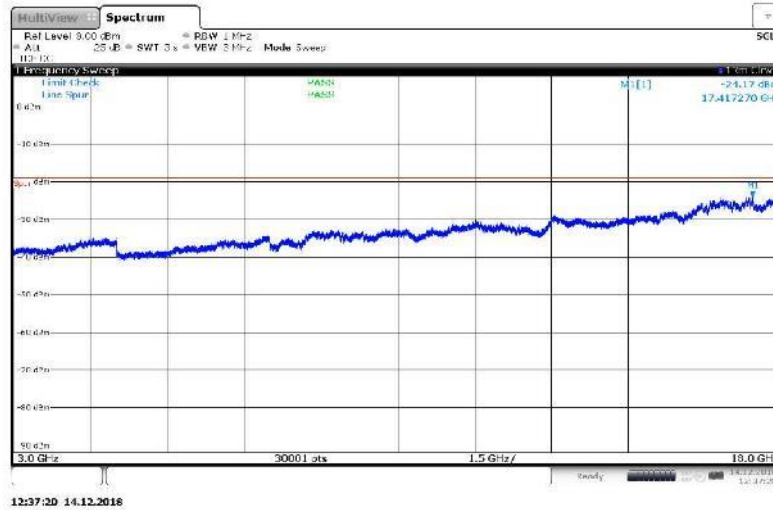


Figure 43 Spurious Emissions (3 GHz – 18GHz) – 64QAM (2655 MHz, 10 MHz Channel BW)

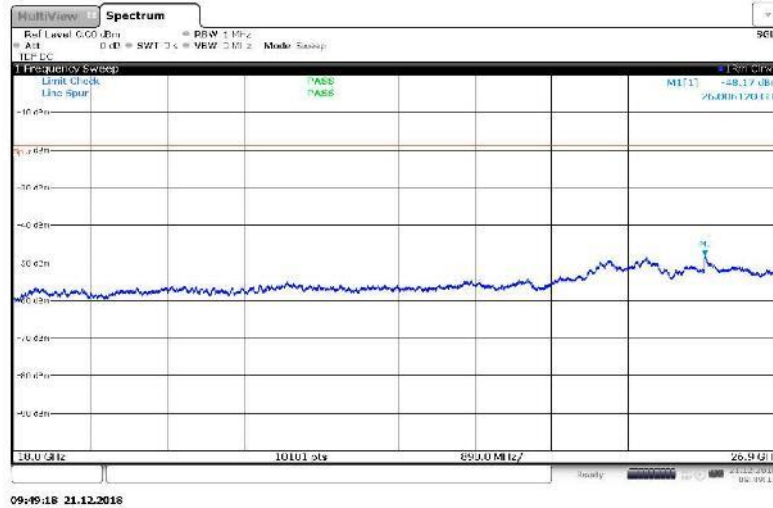


Figure 44 Spurious Emissions (18GHz – 26.9GHz) – 64QAM (2655 MHz, 10 MHz Channel BW)



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FCC ID: VBNAHHB-01
IC ID: 661A1-AHHB

Test Report No:
D568352794



14047:46 04.12.2018

Figure 45 Spurious Emissions (Lower Band Edge) – 256QAM (2625 MHz, 10 MHz Channel BW)



14053:46 04.12.2018

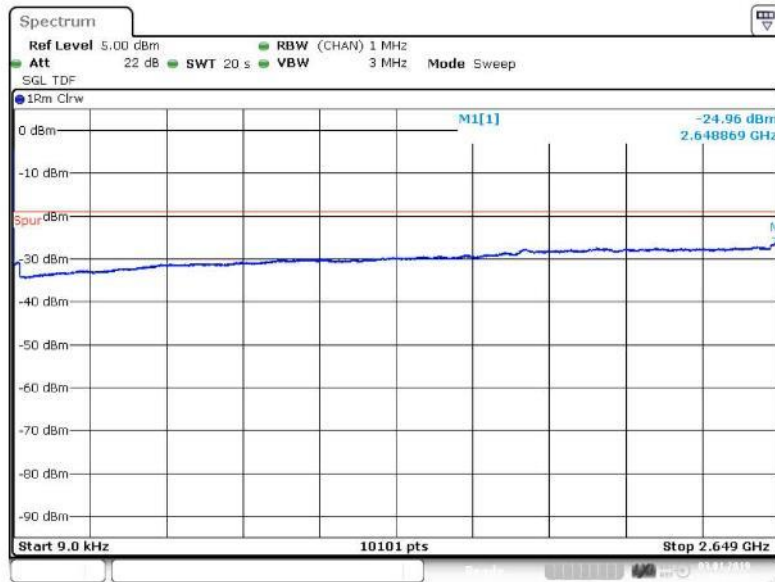
Figure 46 Spurious Emissions (Upper Band Edge) – 256QAM (2685 MHz, 10 MHz Channel BW)



Product Service

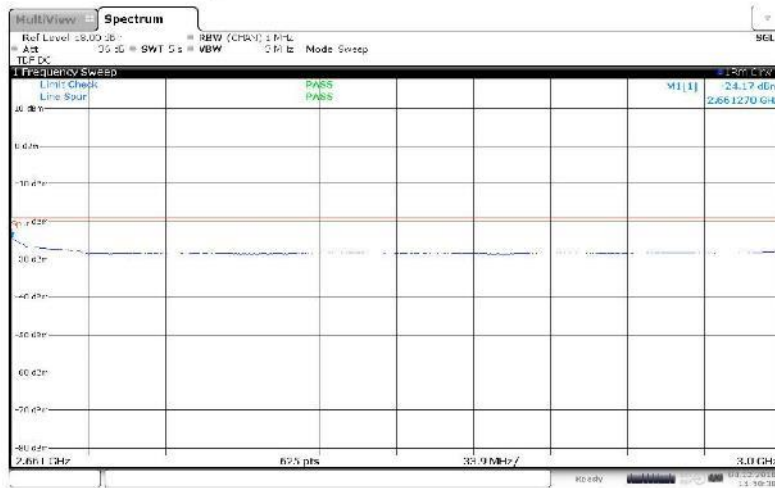
FCC ID: VBNAHHB-01
IC ID: 661A1-AHHB

Test Report No:
D568352794



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Figure 47 Spurious Emissions (9kHz – 2.649 GHz) – 256QAM (2655 MHz, 10 MHz Channel BW)



14:50:38 04.12.2018

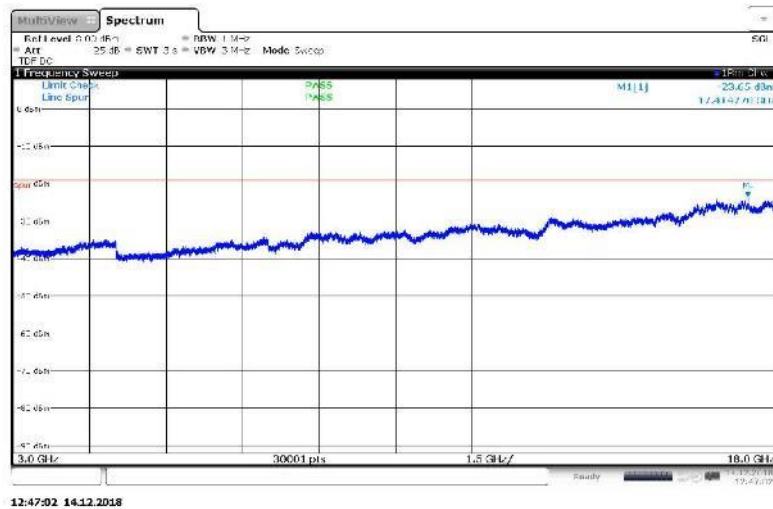
Figure 48 Spurious Emissions (2.661 GHz – 3 GHz) – 256QAM (2655 MHz, 10 MHz Channel BW)



Product Service

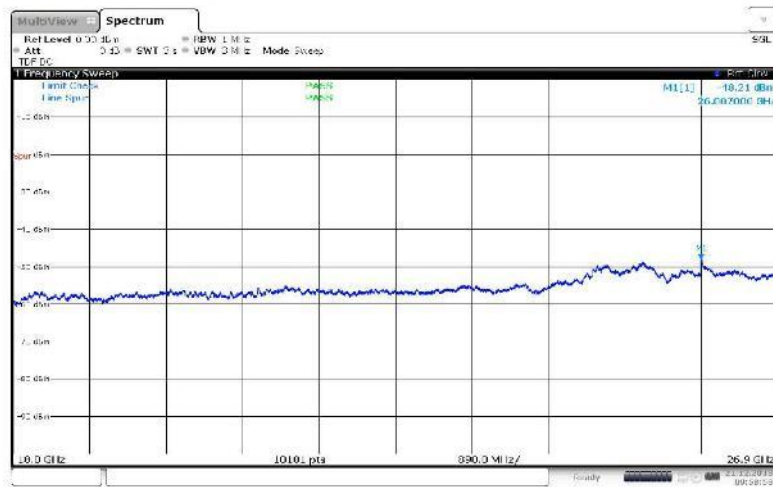
FCC ID: VBNAHHB-01
IC ID: 661A1-AHBB

Test Report No:
D568352794



12:47:02 14.12.2018

Figure 49 Spurious Emissions (3 GHz – 18GHz) – 256QAM (2655 MHz, 10 MHz Channel BW)



09:56:56 21.12.2018

Figure 50 Spurious Emissions (18GHz – 26.9GHz) – 256QAM (2655 MHz, 10 MHz Channel BW)



Product Service

FCC ID: VBNAHHB-01
IC ID: 661A1-AHHB

Test Report No:
D568352794

Config C ANT2:

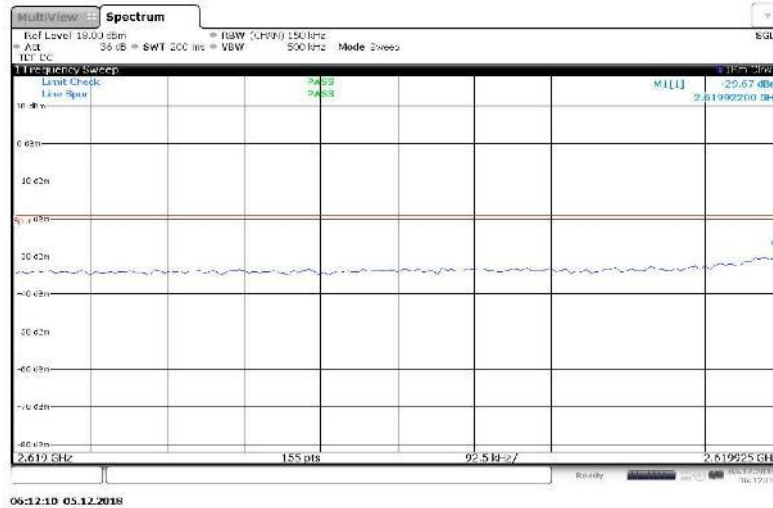


Figure 51 Spurious Emissions (Lower Band Edge) – QPSK (2627.5 MHz, 15 MHz Channel BW)

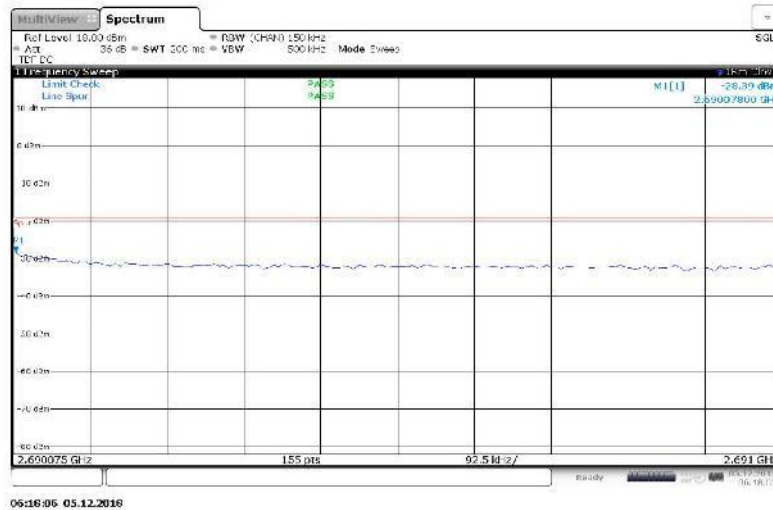


Figure 52 Spurious Emissions (Upper Band Edge) – QPSK (2682.5 MHz, 15 MHz Channel BW)



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IC ID: 661A1-AHHB

Test Report No:
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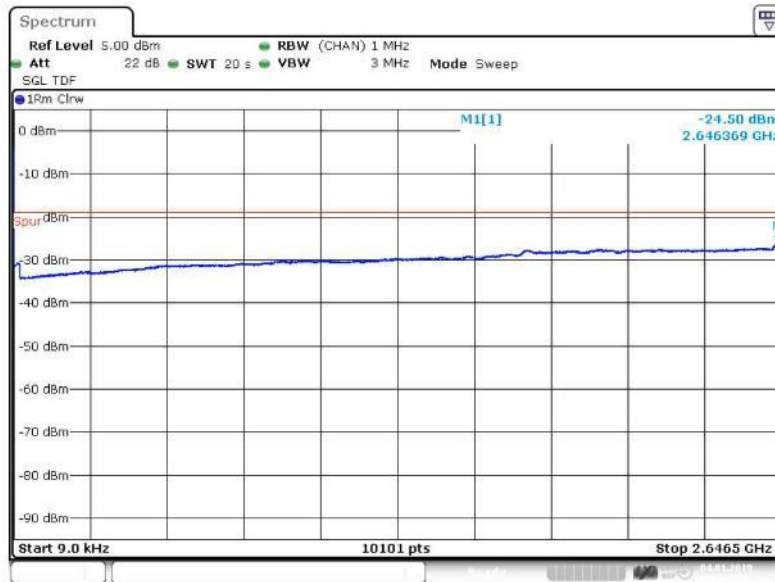


Figure 53 Spurious Emissions (9kHz – 2.6465 GHz) – QPSK (2655 MHz, 15 MHz Channel BW)

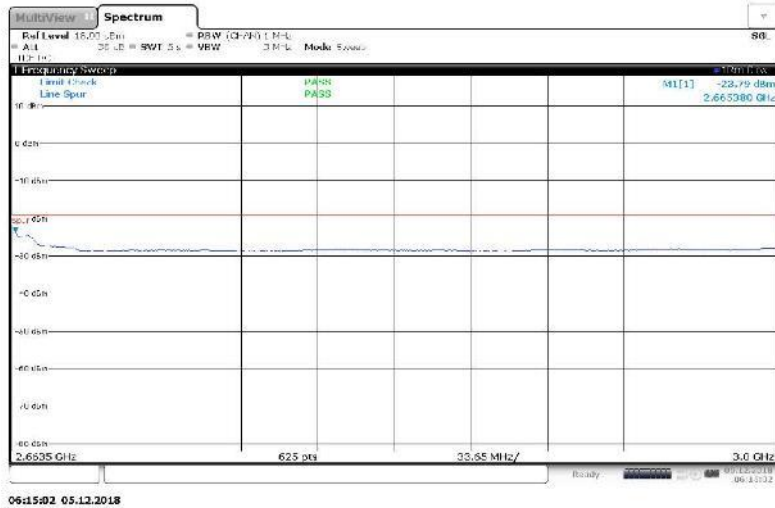


Figure 54 Spurious Emissions (2.6635 GHz – 3 GHz) – QPSK (2655 MHz, 15 MHz Channel BW)



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Test Report No:
D568352794

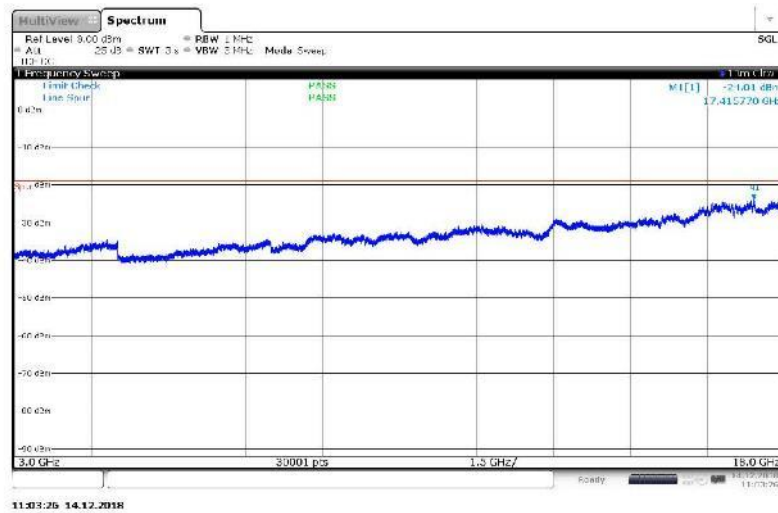


Figure 55 Spurious Emissions (3 GHz – 18GHz) – QPSK (2655 MHz, 15 MHz Channel BW)

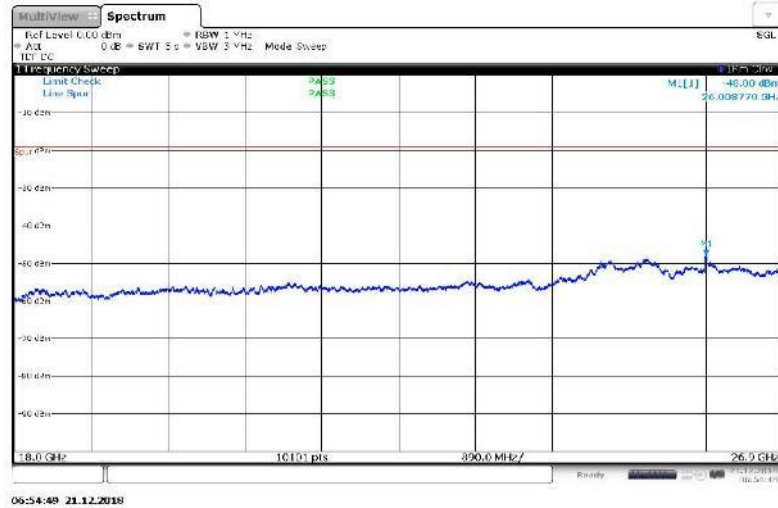


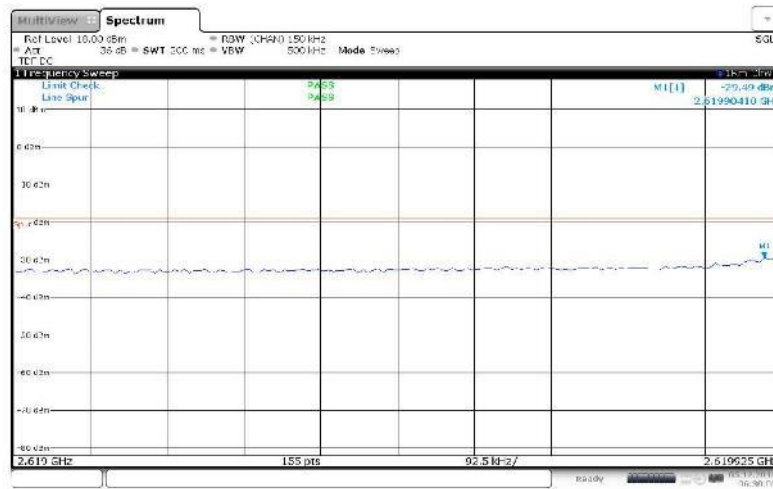
Figure 56 Spurious Emissions (18GHz – 26.9GHz) – QPSK (2655 MHz, 15 MHz Channel BW)



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IC ID: 661A1-AHHB

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D568352794



06:30:07 05.12.2018

Figure 57 Spurious Emissions (Lower Band Edge) – 16QAM (2627.5 MHz, 15 MHz Channel BW)



06:36:02 05.12.2018

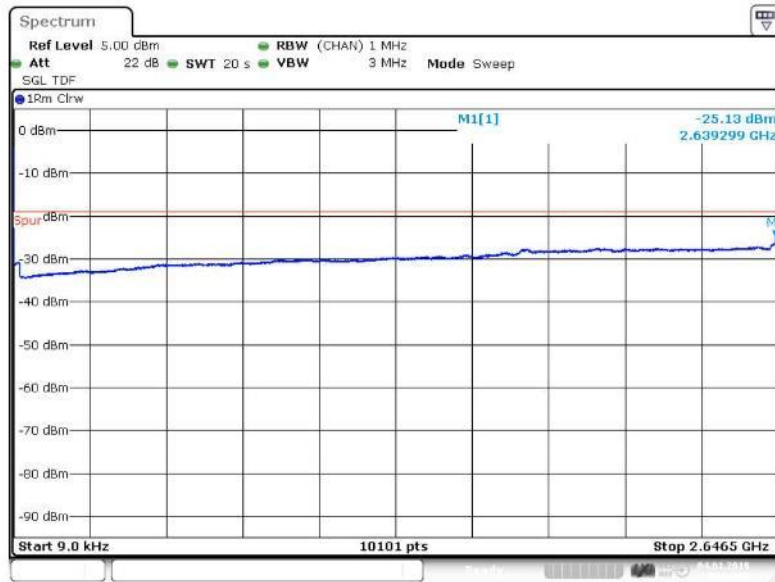
Figure 58 Spurious Emissions (Upper Band Edge) – 16QAM (2682.5 MHz, 15 MHz Channel BW)



Product Service

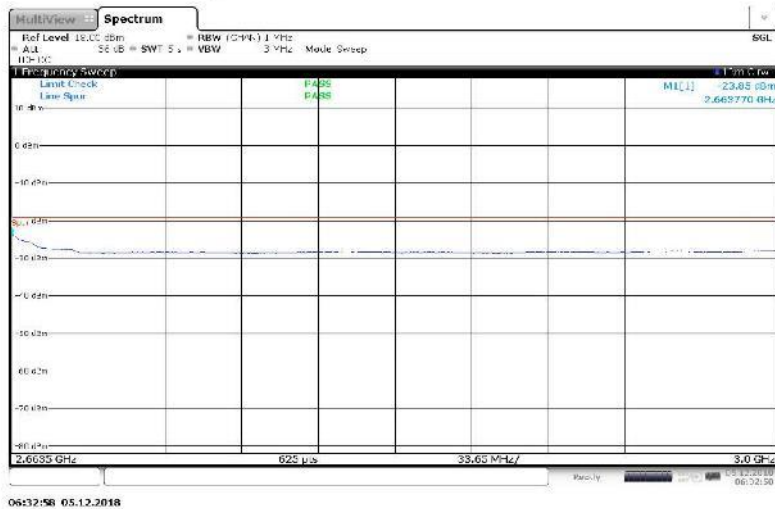
FCC ID: VBNAHHB-01
IC ID: 661A1-AHHB

Test Report No:
D568352794



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Figure 59 Spurious Emissions (9kHz – 2.6465 GHz) – 16QAM (2655 MHz, 15 MHz Channel BW)



06:32:56 05.12.2018

Figure 60 Spurious Emissions (2.6635 GHz – 3 GHz) – 16QAM (2655 MHz, 15 MHz Channel BW)



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IC ID: 661A1-AHHB

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D568352794

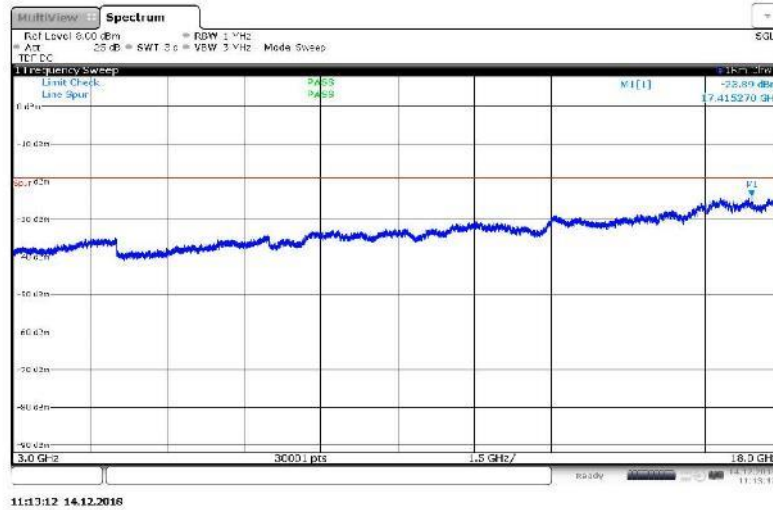


Figure 61 Spurious Emissions (3 GHz – 18GHz) – 16QAM (2655 MHz, 15 MHz Channel BW)

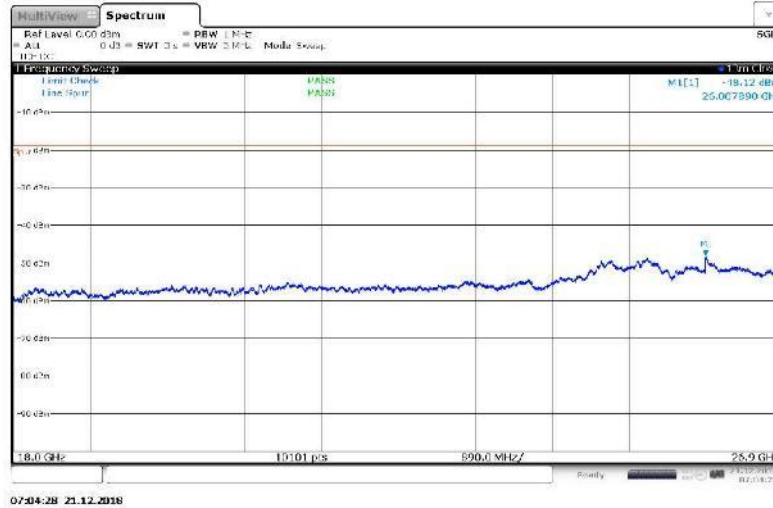


Figure 62 Spurious Emissions (18GHz – 26.9GHz) – 16QAM (2655 MHz, 15 MHz Channel BW)



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IC ID: 661A1-AHHB

Test Report No:
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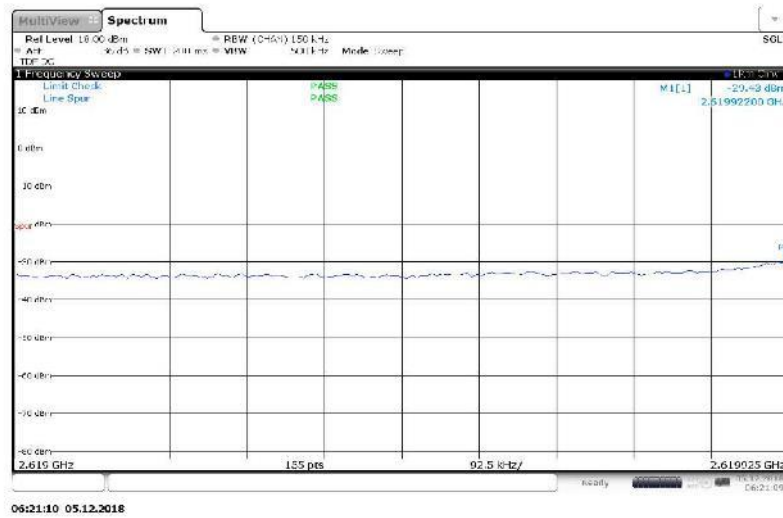


Figure 63 Spurious Emissions (Lower Band Edge) – 64QAM (2627.5 MHz, 15 MHz Channel BW)

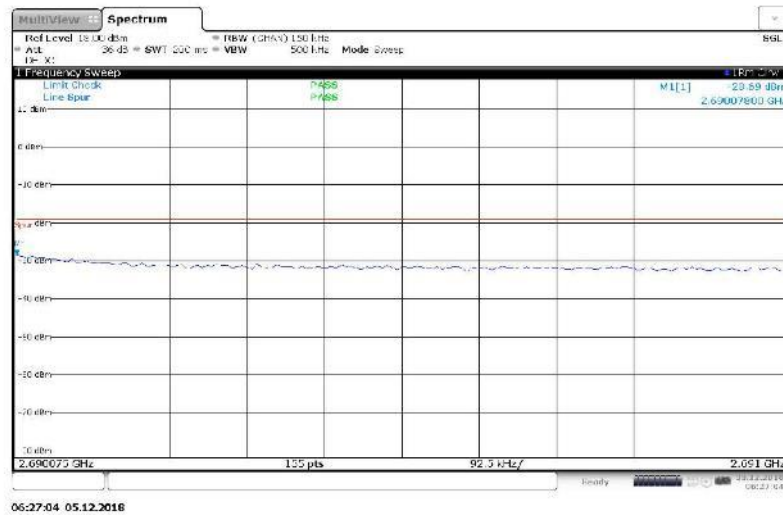


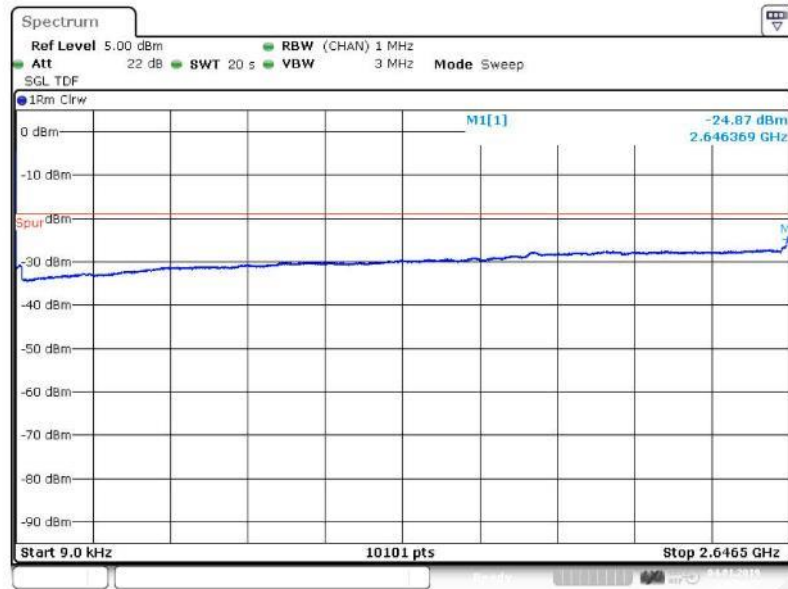
Figure 64 Spurious Emissions (Upper Band Edge) – 64QAM (2682.5 MHz, 15 MHz Channel BW)



Product Service

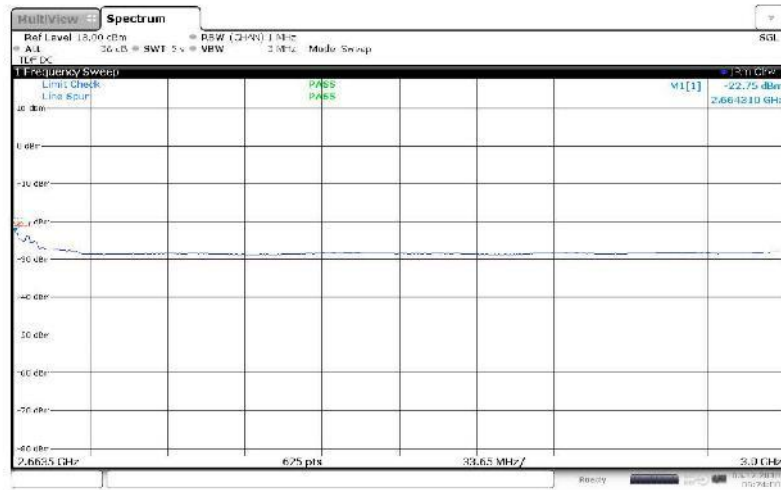
FCC ID: VBNAHHB-01
IC ID: 661A1-AHHB

Test Report No:
D568352794



Date: 4 JUN 2019 14:44:28

Figure 65 Spurious Emissions (9kHz – 2.6465 GHz) – 64QAM (2655 MHz, 15 MHz Channel BW)



06274801 05.12.2018

Figure 66 Spurious Emissions (2.6635 GHz – 3 GHz) – 64QAM (2655 MHz, 15 MHz Channel BW)



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Test Report No:
D568352794

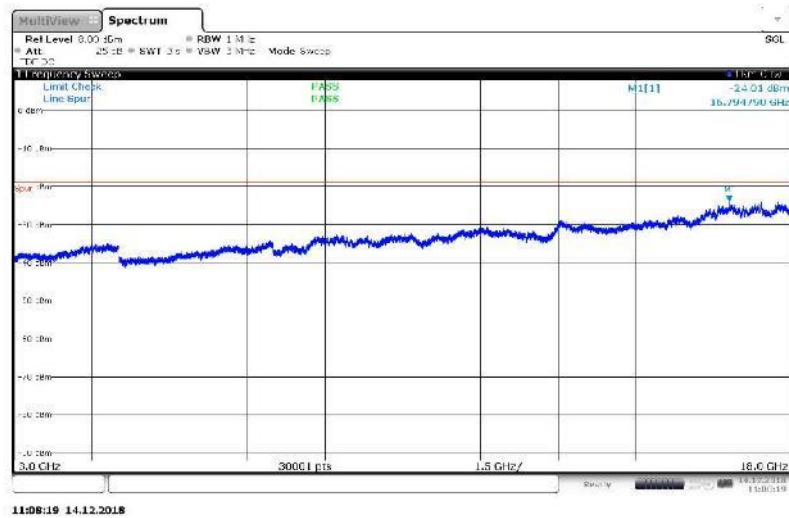


Figure 67 Spurious Emissions (3 GHz – 18GHz) – 64QAM (2655 MHz, 15 MHz Channel BW)

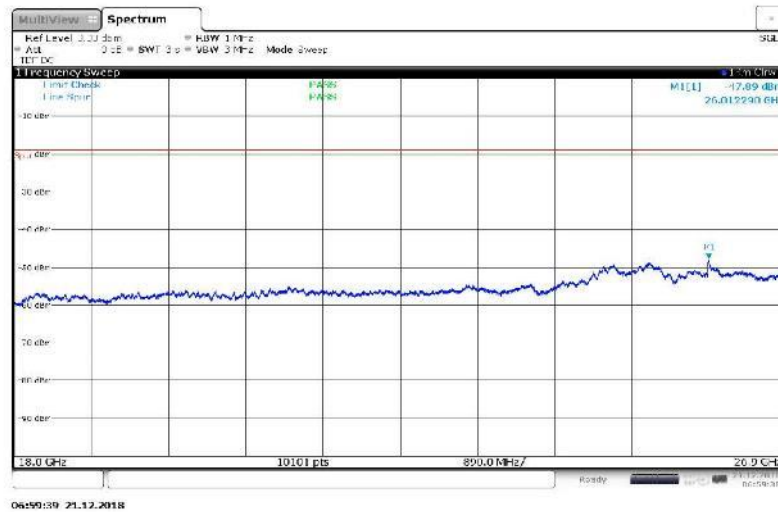


Figure 68 Spurious Emissions (18GHz – 26.9GHz) – 64QAM (2655 MHz, 15 MHz Channel BW)



Product Service

FCC ID: VBNAHHB-01
IC ID: 661A1-AHHB

Test Report No:
D568352794

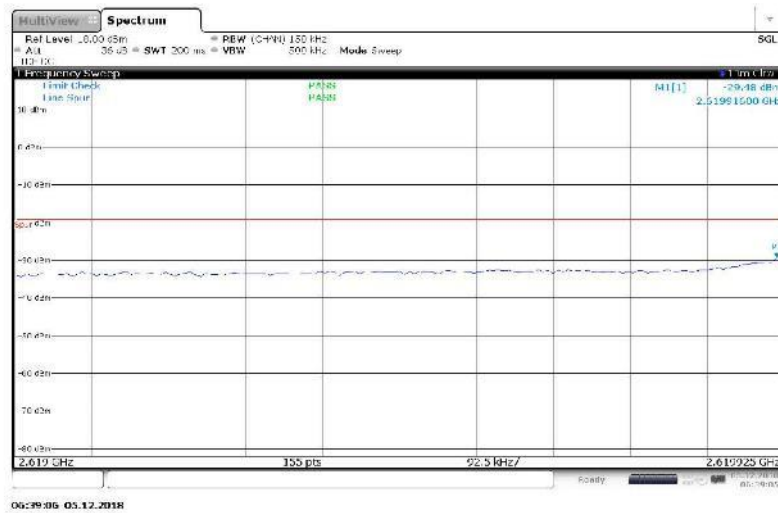


Figure 69 Spurious Emissions (Lower Band Edge) – 256QAM (2627.5 MHz, 15 MHz Channel BW)

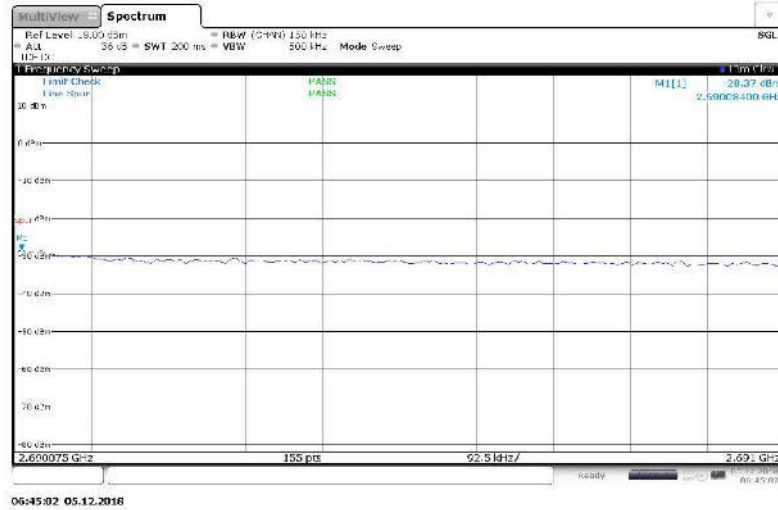


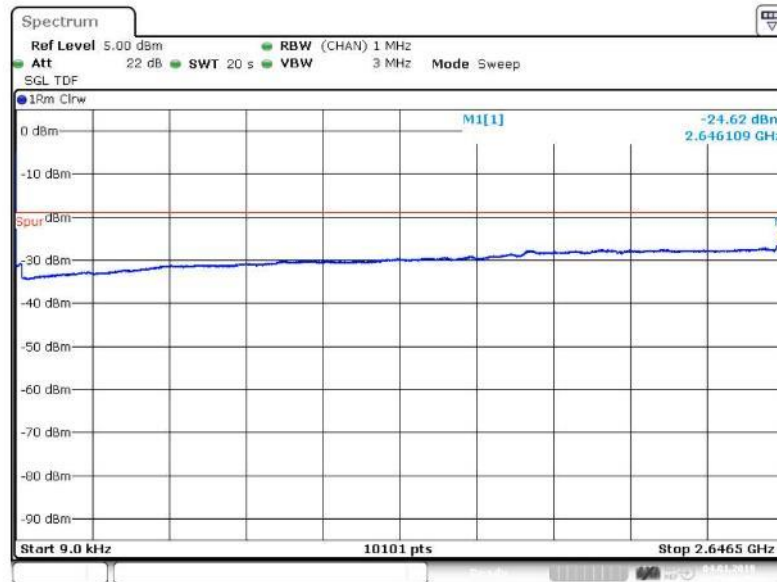
Figure 70 Spurious Emissions (Upper Band Edge) – 256QAM (2682.5 MHz, 15 MHz Channel BW)



Product Service

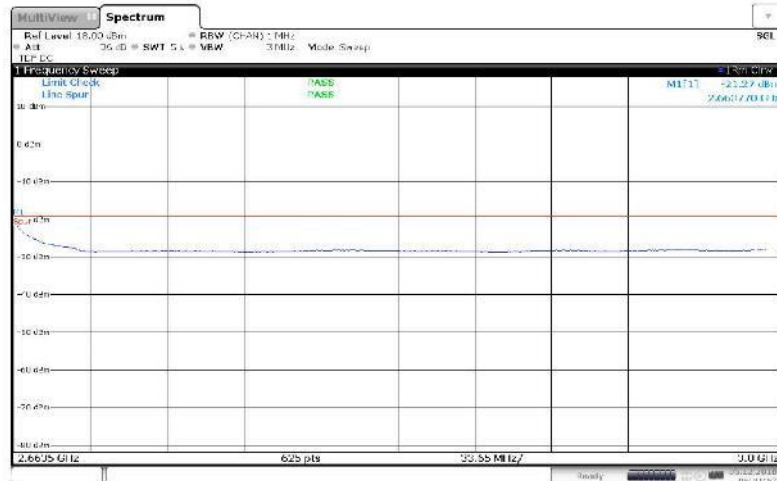
FCC ID: VBNAHHB-01
IC ID: 661A1-AHHB

Test Report No:
D568352794



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Figure 71 Spurious Emissions (9kHz – 2.6465 GHz) – 256QAM (2655 MHz, 15 MHz Channel BW)



06:41:58 05.12.2018

Figure 72 Spurious Emissions (2.6635 GHz – 3 GHz) – 256QAM (2655 MHz, 15 MHz Channel BW)



Product Service

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Test Report No:
D568352794

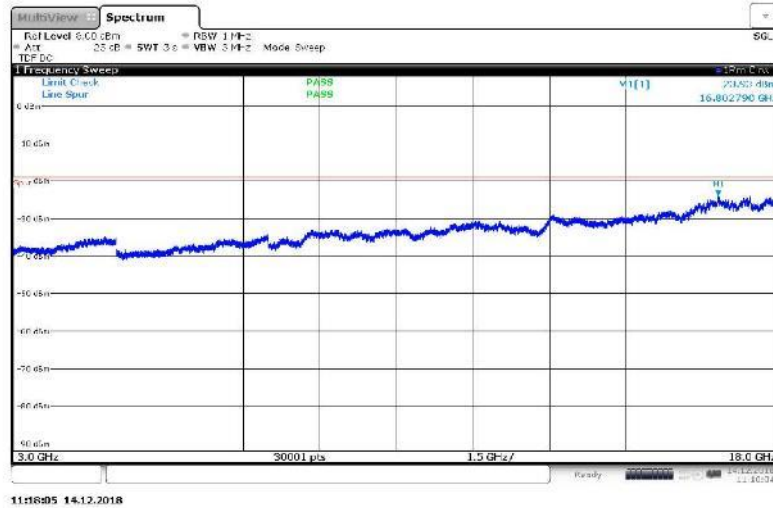


Figure 73 Spurious Emissions (3 GHz – 18GHz) – 256QAM (2655 MHz, 15 MHz Channel BW)

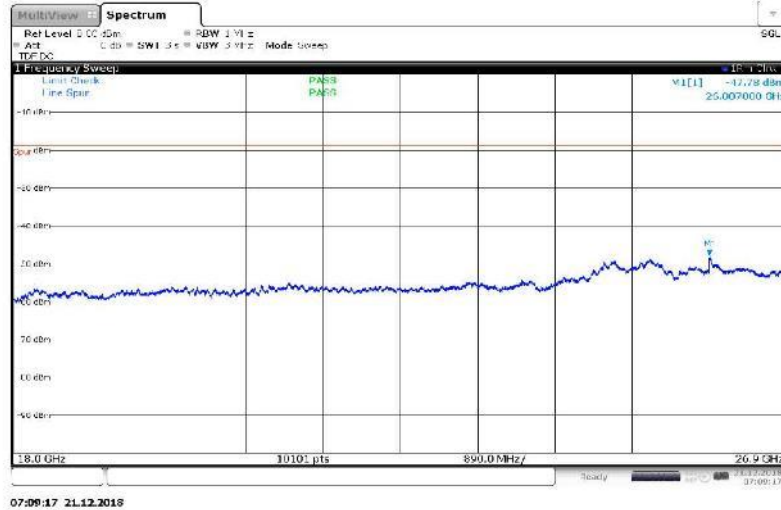


Figure 74 Spurious Emissions (18GHz – 26.9GHz) – 256QAM (2655 MHz, 15 MHz Channel BW)

Config D ANT2:



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FCC ID: VBNAHHB-01
IC ID: 661A1-AHHB

Test Report No:
D568352794

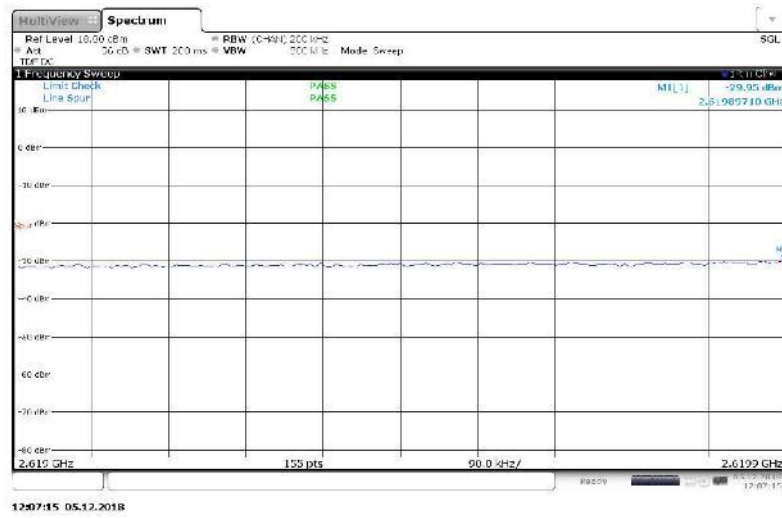


Figure 75 Spurious Emissions (Lower Band Edge) – QPSK (2630 MHz, 20 MHz Channel BW)

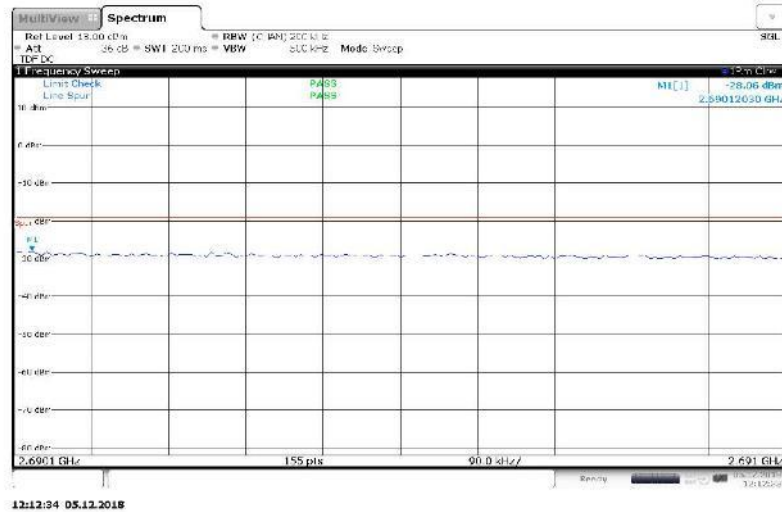


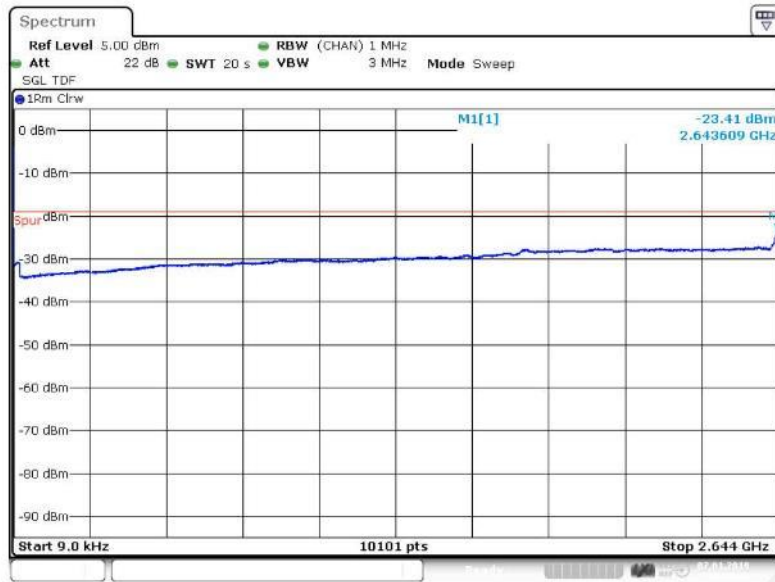
Figure 76 Spurious Emissions (Upper Band Edge) – QPSK (2680 MHz, 20 MHz Channel BW)



Product Service

FCC ID: VBNAHHB-01
IC ID: 661A1-AHHB

Test Report No:
D568352794



Date: 7. JAN. 2019 13:39:23

Figure 77 Spurious Emissions (9kHz – 2.644 GHz) – QPSK (2655 MHz, 20 MHz Channel BW)



12:09:47 05.12.2018

Figure 78 Spurious Emissions (2.666 GHz – 3 GHz) – QPSK (2655 MHz, 20 MHz Channel BW)



Product Service

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IC ID: 661A1-AHHB

Test Report No:
D568352794

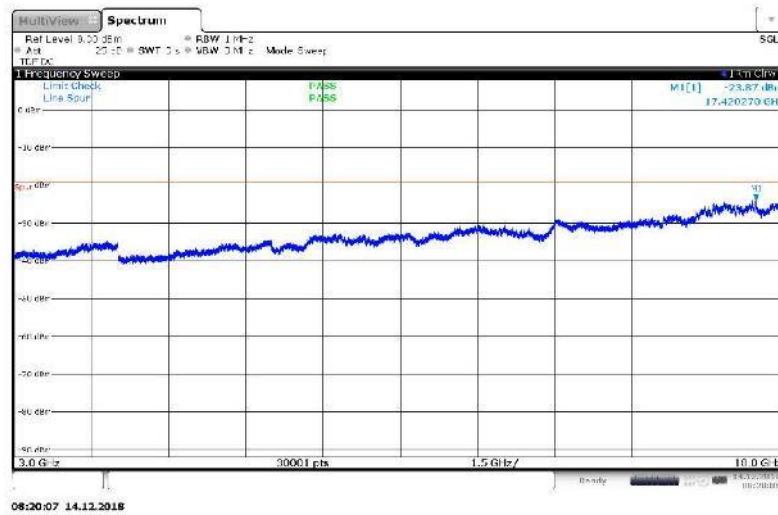


Figure 79 Spurious Emissions (3 GHz – 18GHz) – QPSK (2655 MHz, 20 MHz Channel BW)

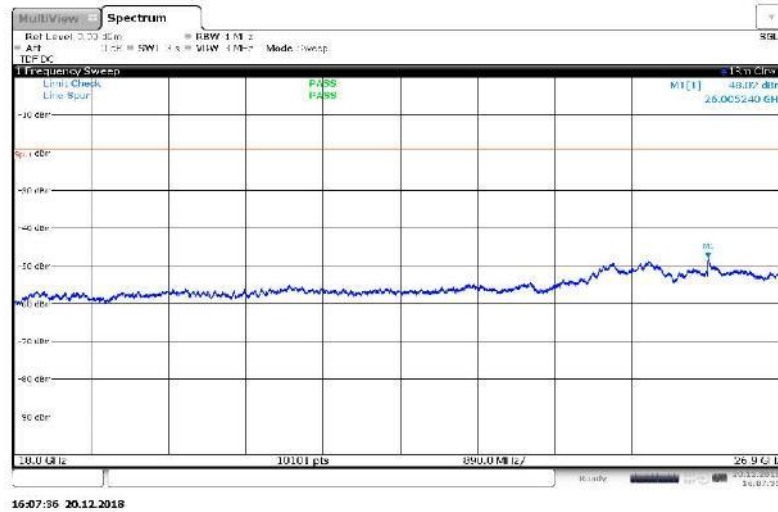


Figure 80 Spurious Emissions (18GHz – 26.9GHz) – QPSK (2655 MHz, 20 MHz Channel BW)



Product Service

FCC ID: VBNAHHB-01
IC ID: 661A1-AHHB

Test Report No:
D568352794

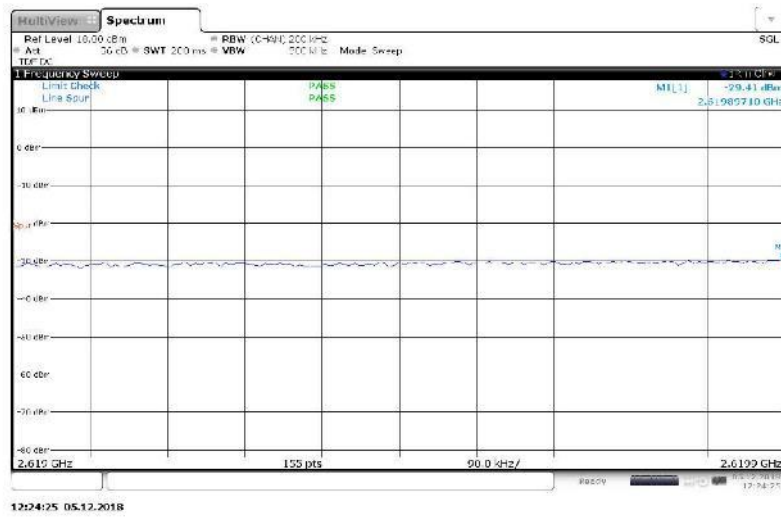


Figure 81 Spurious Emissions (Lower Band Edge) – 16QAM (2630 MHz, 20 MHz Channel BW)

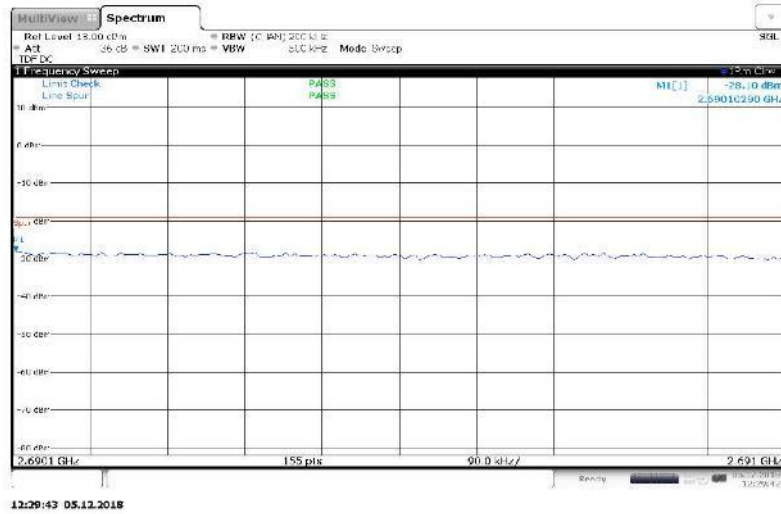


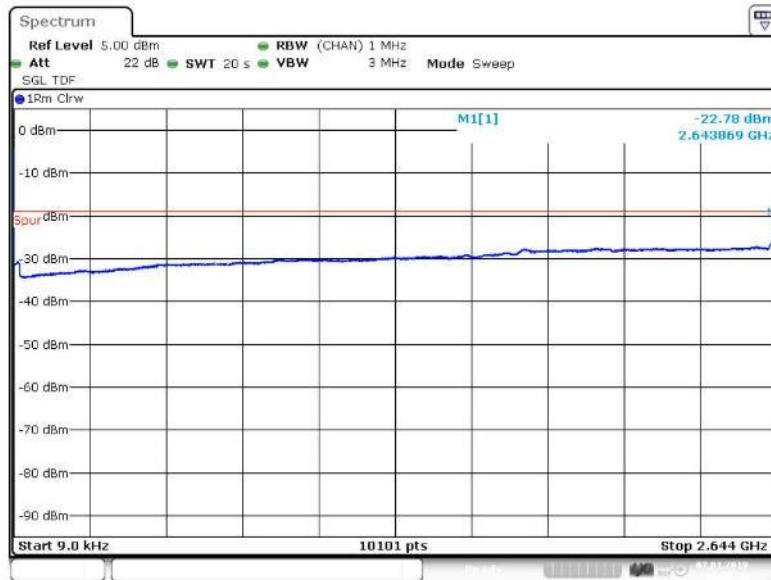
Figure 82 Spurious Emissions (Upper Band Edge) – 16QAM (2680 MHz, 20 MHz Channel BW)



Product Service

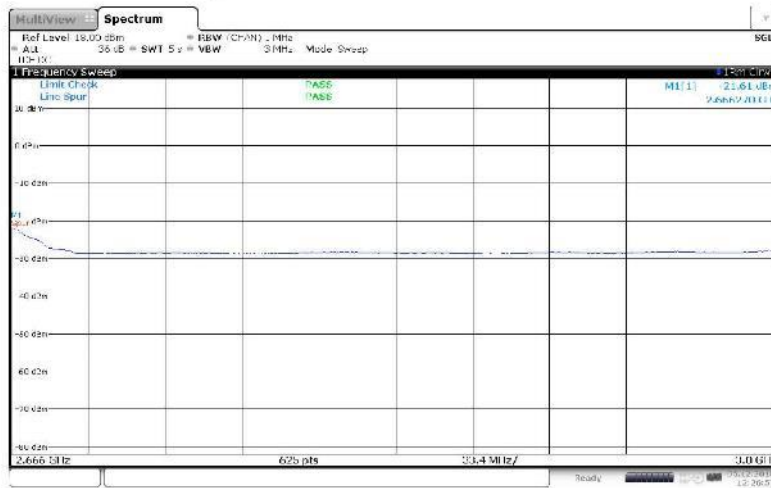
FCC ID: VBNAHHB-01
IC ID: 661A1-AHHB

Test Report No:
D568352794



Date: 7. JAN. 2019 14:19:22

Figure 83 Spurious Emissions (9kHz – 2.644 GHz) – 16QAM (2655 MHz, 20 MHz Channel BW)



12:26:57 05.12.2018

Figure 84 Spurious Emissions (2.666 GHz – 3 GHz) – 16QAM (2655 MHz, 20 MHz Channel BW)



Product Service

FCC ID: VBNAHHB-01
IC ID: 661A1-AHHB

Test Report No:
D568352794

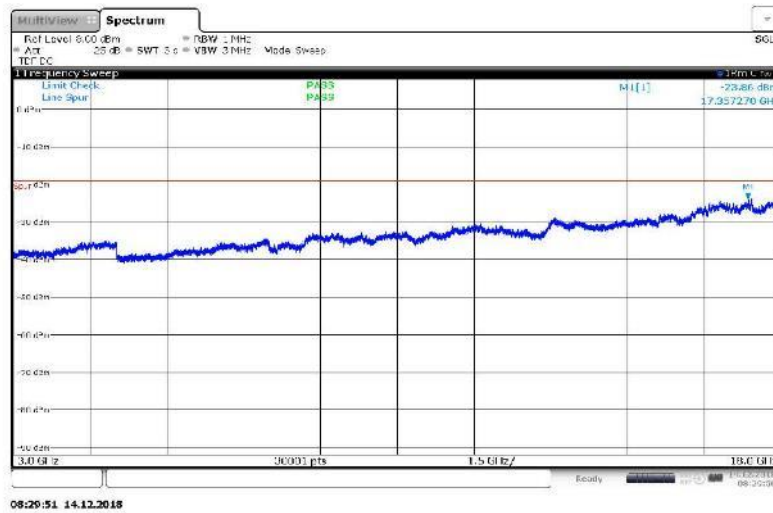


Figure 85 Spurious Emissions (3 GHz – 18GHz) – 16QAM (2655 MHz, 20 MHz Channel BW)

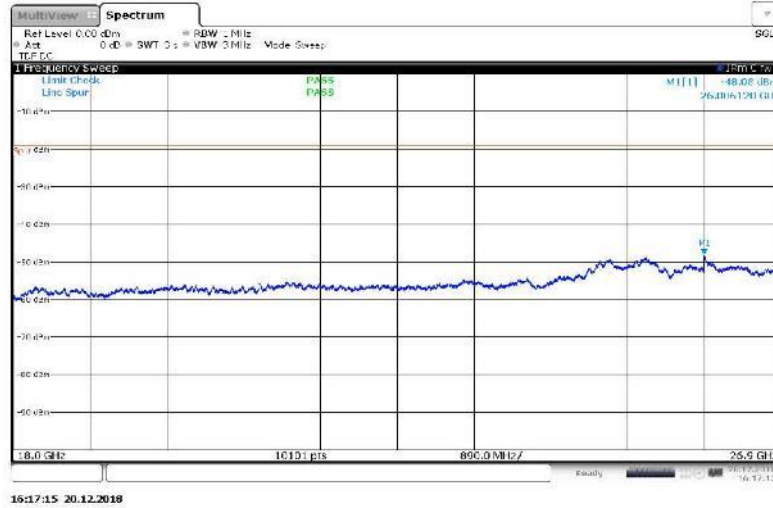


Figure 86 Spurious Emissions (18GHz – 26.9GHz) – 16QAM (2655 MHz, 20 MHz Channel BW)



Product Service

FCC ID: VBNAHHB-01
IC ID: 661A1-AHHB

Test Report No:
D568352794

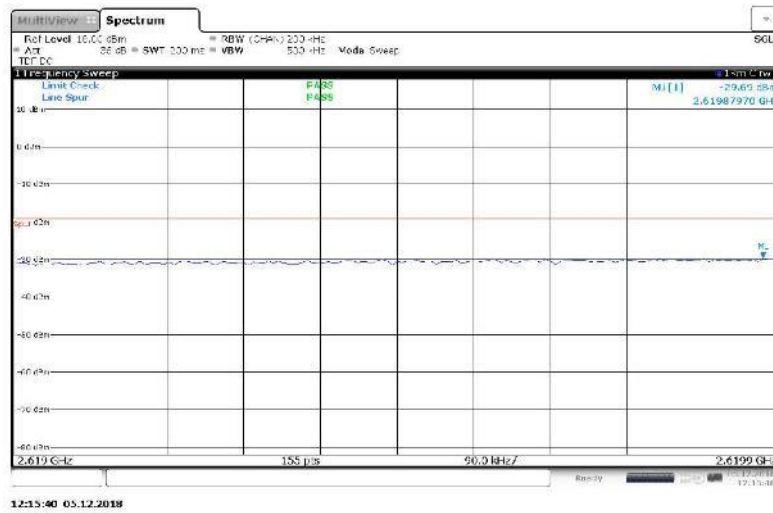


Figure 87 Spurious Emissions (Lower Band Edge) – 64QAM (2630 MHz, 20 MHz Channel BW)

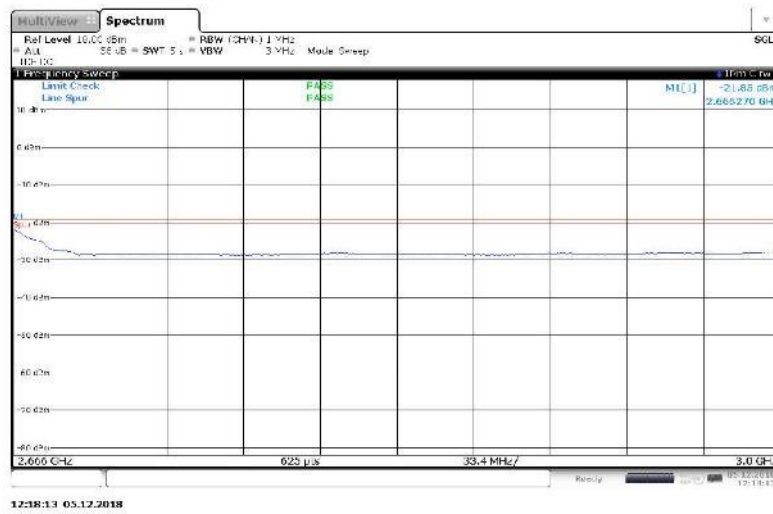


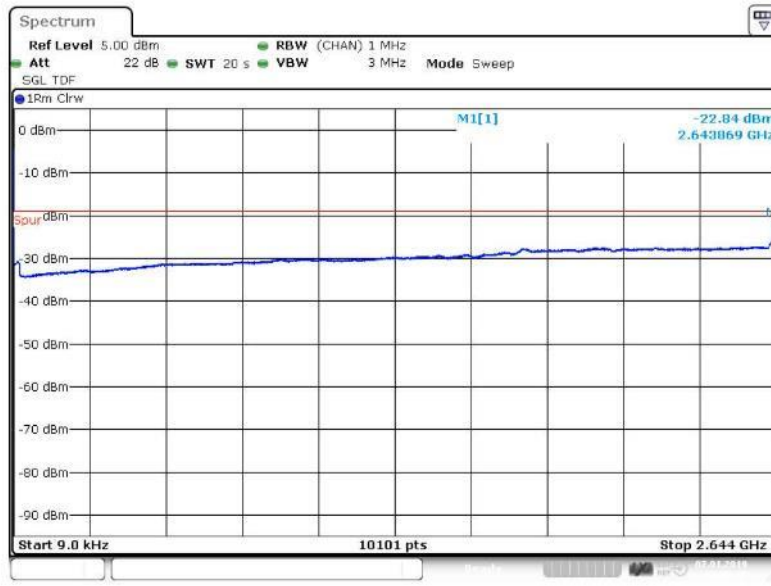
Figure 88 Spurious Emissions (Upper Band Edge) – 64QAM (2680 MHz, 20 MHz Channel BW)



Product Service

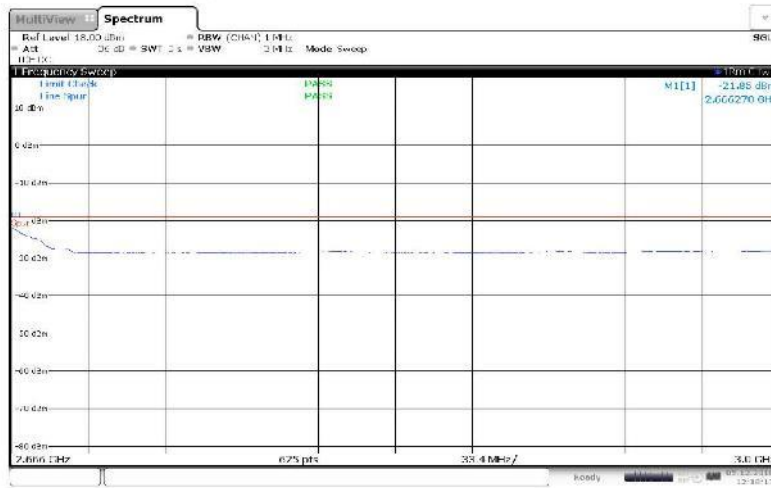
FCC ID: VBNAHHB-01
IC ID: 661A1-AHHB

Test Report No:
D568352794



Date: 7. JAN. 2019 13:50:32

Figure 89 Spurious Emissions (9kHz – 2.644 GHz) – 64QAM (2655 MHz, 20 MHz Channel BW)



12:18:13 05.12.2018

Figure 90 Spurious Emissions (2.666 GHz – 3 GHz) – 64QAM (2655 MHz, 20 MHz Channel BW)



Product Service

FCC ID: VBNAHHB-01
IC ID: 661A1-AHHB

Test Report No:
D568352794

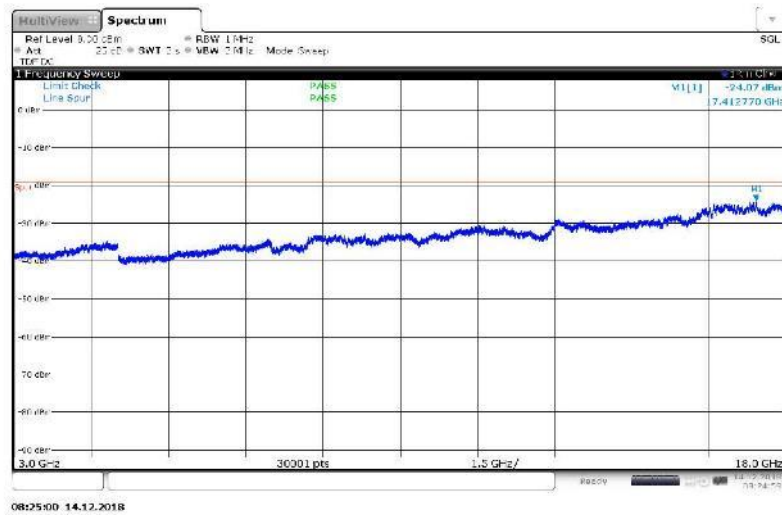


Figure 91 Spurious Emissions (3 GHz – 18GHz) – 64QAM (2655 MHz, 20 MHz Channel BW)

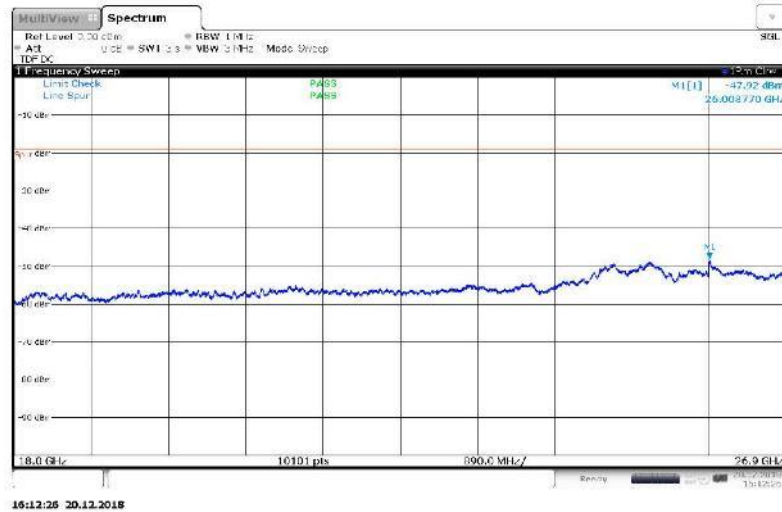


Figure 92 Spurious Emissions (18GHz – 26.9GHz) – 64QAM (2655 MHz, 20 MHz Channel BW)



Product Service

FCC ID: VBNAHHB-01
IC ID: 661A1-AHHB

Test Report No:
D568352794

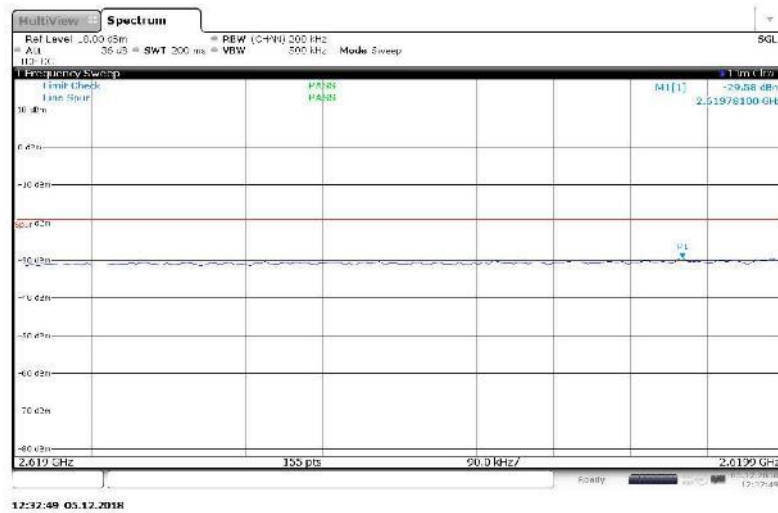


Figure 93 Spurious Emissions (Lower Band Edge) – 256QAM (2630 MHz, 20 MHz Channel BW)

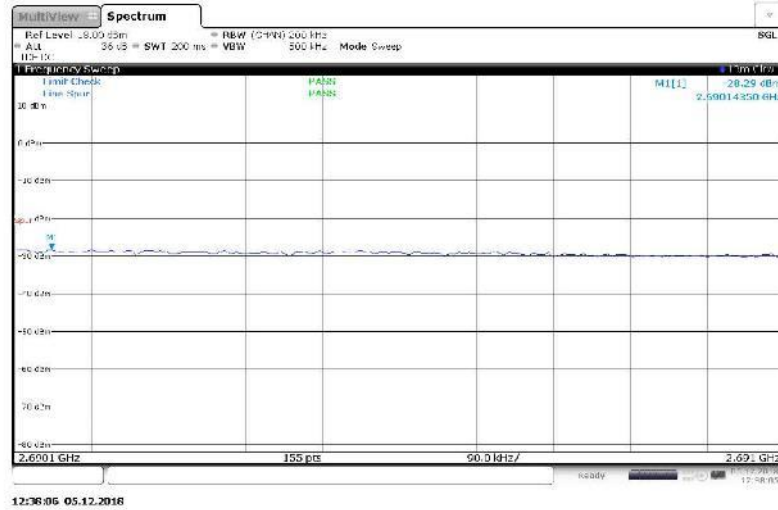


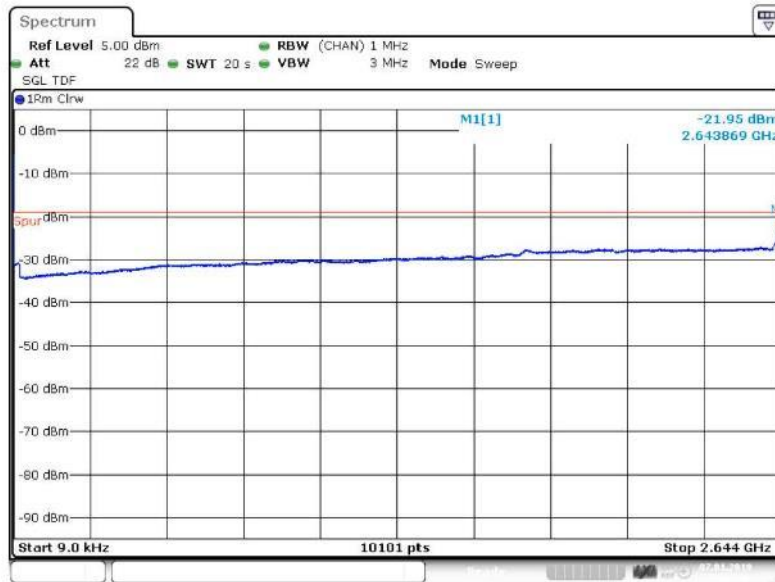
Figure 94 Spurious Emissions (Upper Band Edge) – 256QAM (2680 MHz, 20 MHz Channel BW)



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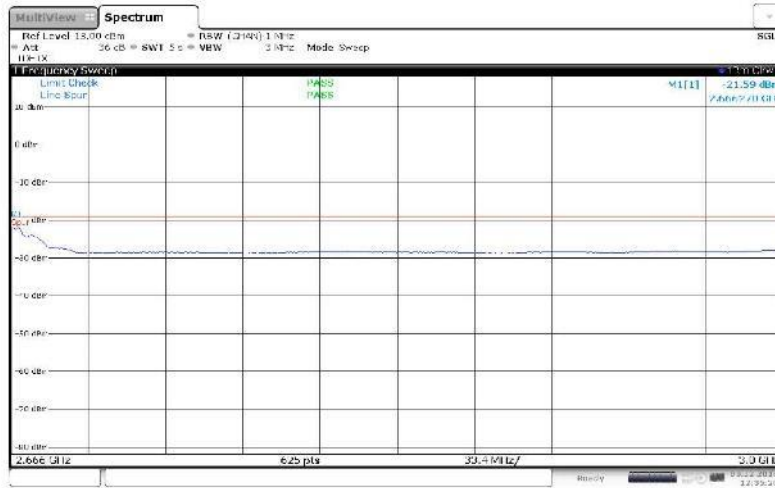
FCC ID: VBNAHHB-01
IC ID: 661A1-AHHB

Test Report No:
D568352794



Date: 7. JAN. 2019 14:27:56

Figure 95 Spurious Emissions (9kHz – 2.644 GHz) – 256QAM (2655 MHz, 20 MHz Channel BW)



12:35:21 05.12.2018

Figure 96 Spurious Emissions (2.666 GHz – 3 GHz) – 256QAM (2655 MHz, 20 MHz Channel BW)



Product Service

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IC ID: 661A1-AHHB

Test Report No:
D568352794

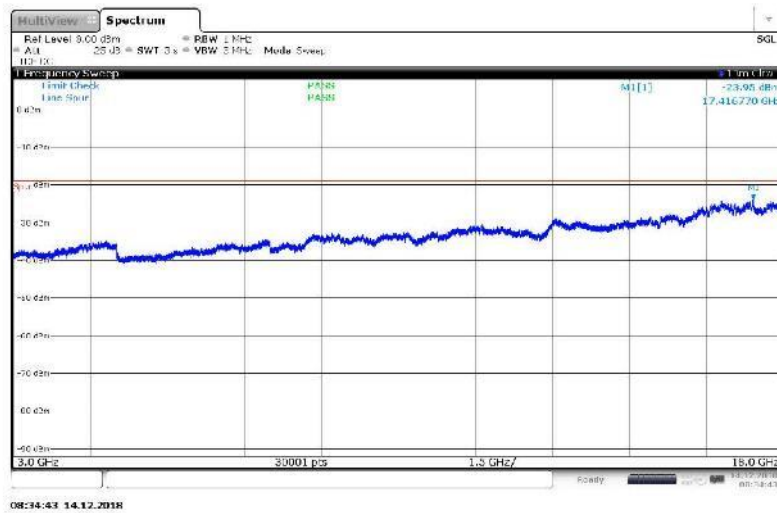


Figure 97 Spurious Emissions (3 GHz – 18GHz) – 256QAM (2655 MHz, 20 MHz Channel BW)

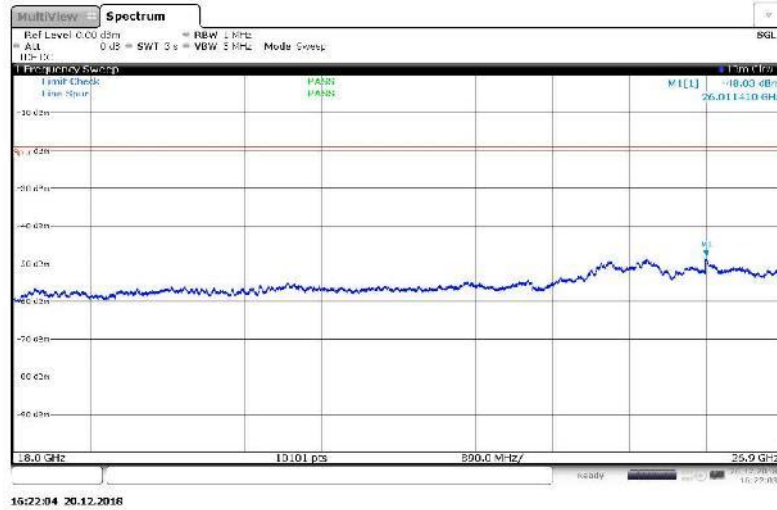


Figure 98 Spurious Emissions (18GHz – 26.9GHz) – 256QAM (2655 MHz, 20 MHz Channel BW)

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FCC ID: VBNAHHB-01
IC ID: 661A1-AHHB

Test Report No:
D568352794

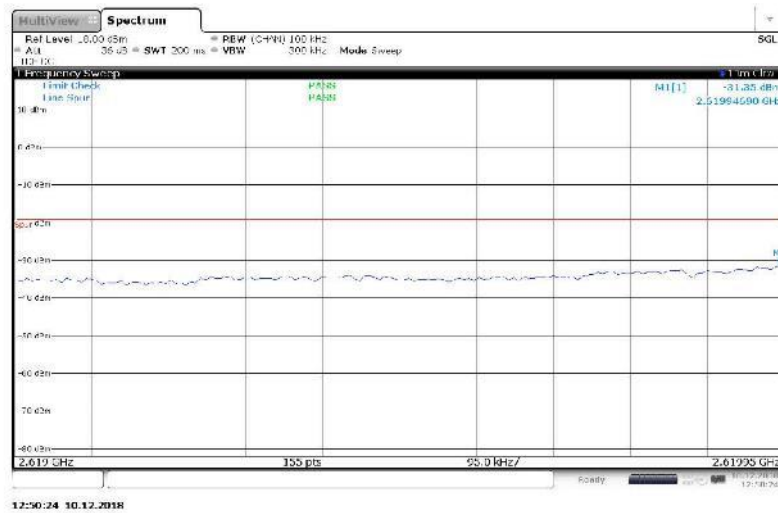


Figure 99 Spurious Emissions (Lower Band Edge) – QPSK (2622.5 MHz, 2627.5 MHz, 2x5 MHz Channel BW)

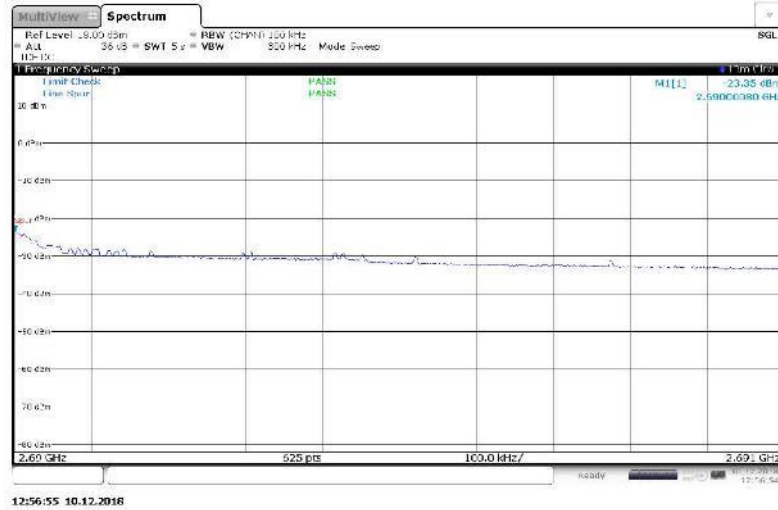


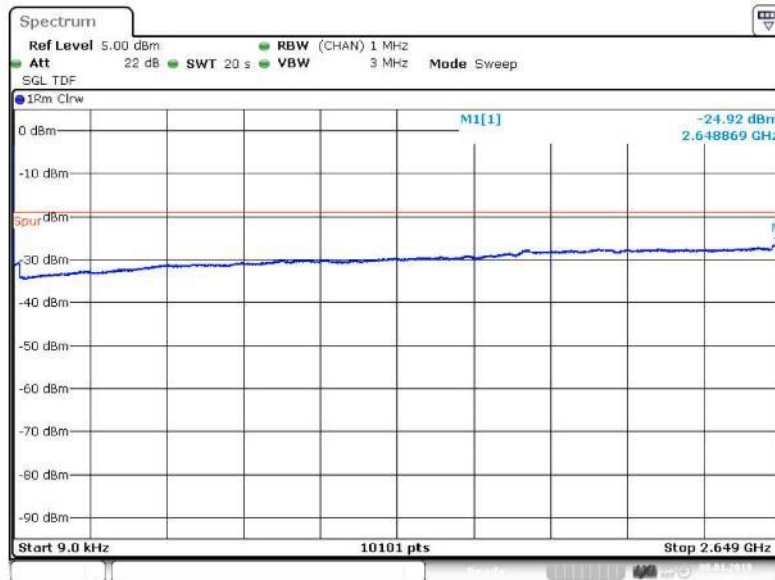
Figure 100 Spurious Emissions (Upper Band Edge) – QPSK (2682.5 MHz, 2687.5 MHz, 2x5 MHz Channel BW)



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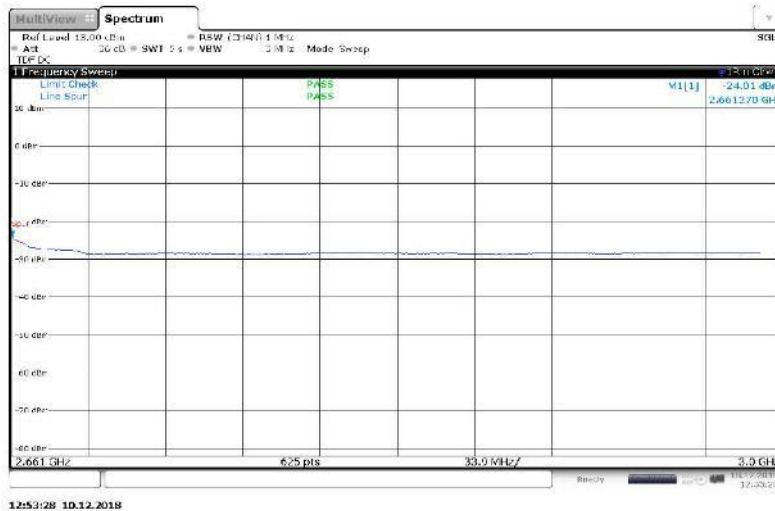
FCC ID: VBNAHHB-01
IC ID: 661A1-AHHB

Test Report No:
D568352794



Date: 8.JAN.2019 12:04:47

Figure 101 Spurious Emissions (9kHz – 2.649GHz) – QPSK (2652.5 MHz, 2657.5 MHz, 2x5 MHz Channel BW)



12:53:28 10.12.2018

Figure 102 Spurious Emissions (2.661 GHz – 3 GHz) – QPSK (2652.5 MHz, 2657.5 MHz, 2x5 Channel BW)



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IC ID: 661A1-AHHB

Test Report No:
D568352794

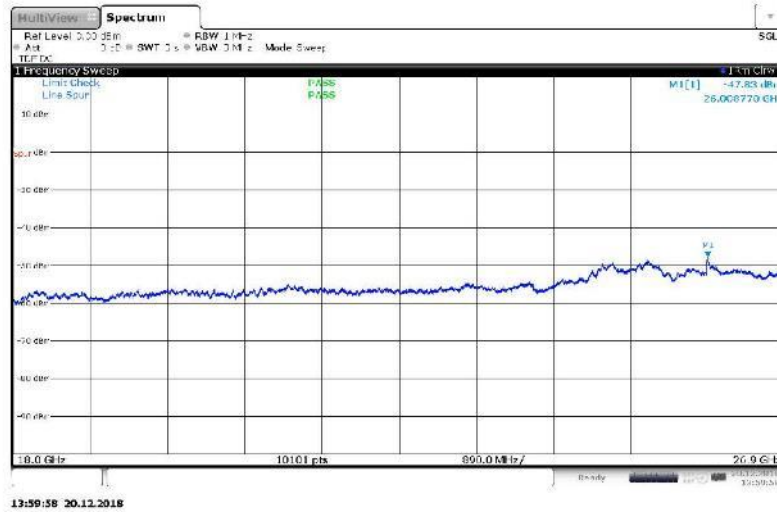


Figure 103 Spurious Emissions (3 GHz – 18GHz) – QPSK (2652.5 MHz, 2657.5 MHz, 2x5 Channel BW)

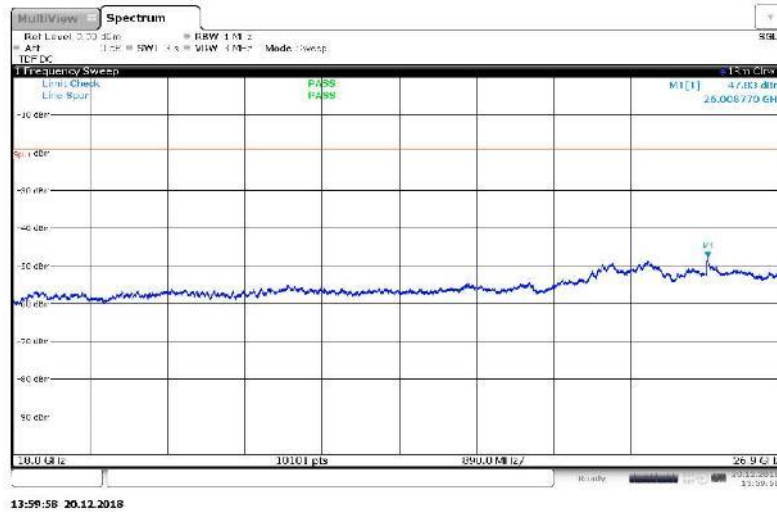


Figure 104 Spurious Emissions (18GHz – 26.9GHz) – QPSK (2652.5 MHz, 2657.5 MHz, 2x5 Channel BW)



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IC ID: 661A1-AHHB

Test Report No:
D568352794

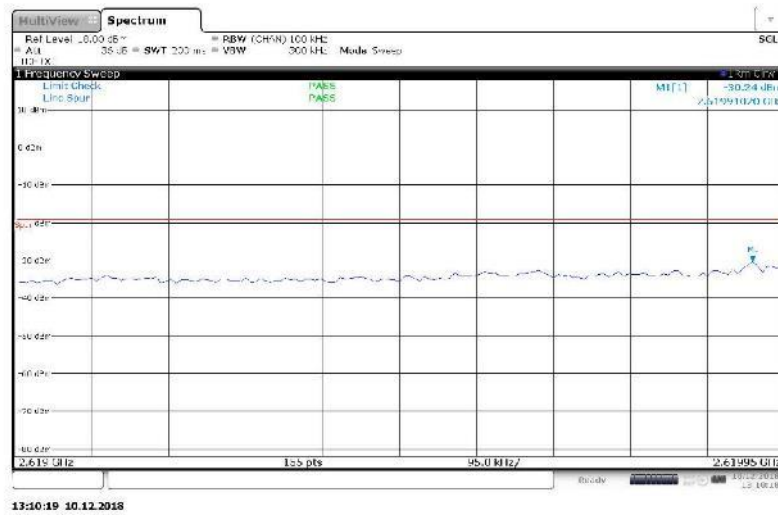


Figure 105 Spurious Emissions (Lower Band Edge) – 16QAM (2622.5 MHz, 2627.5 MHz, 2x5 MHz Channel BW)

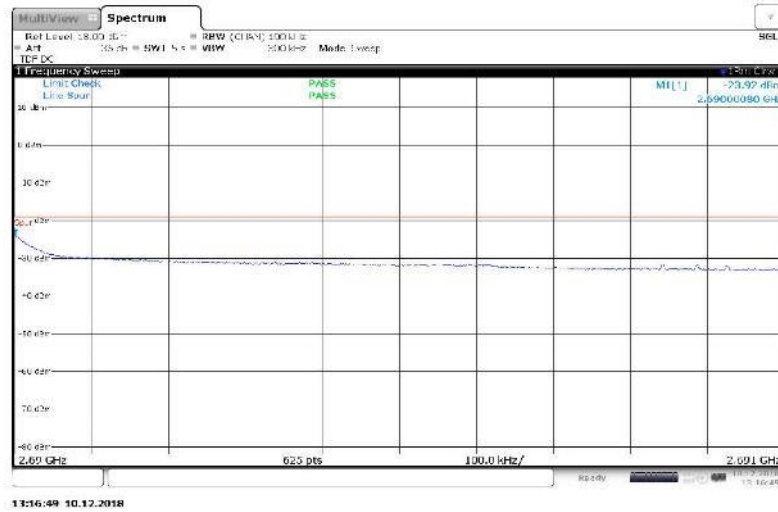


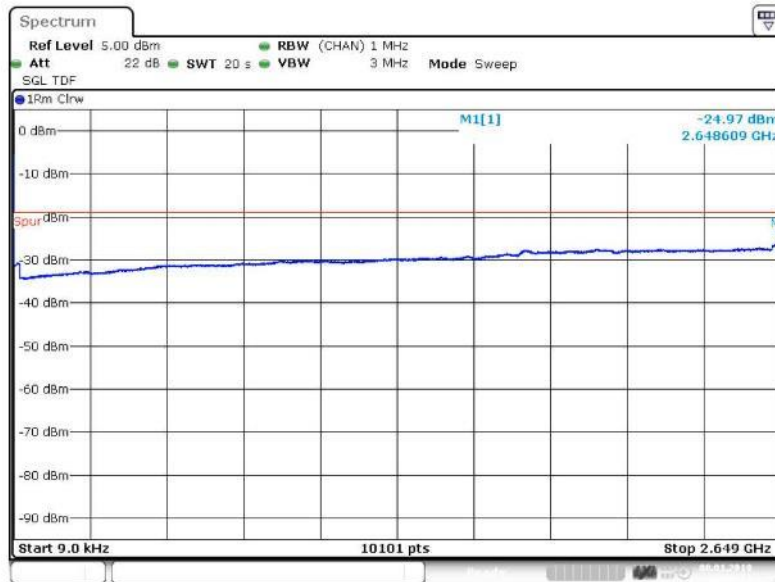
Figure 106 Spurious Emissions (Upper Band Edge) – 16QAM (2682.5 MHz, 2687.5 MHz, 2x5 MHz Channel BW)



Product Service

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IC ID: 661A1-AHBB

Test Report No:
D568352794



Date: 8 JAN 2019 12:42:11

Figure 107 Spurious Emissions (9kHz – 2.649GHz) – 16QAM (2652.5 MHz, 2657.5 MHz, 2x5 MHz Channel BW)



Figure 108 Spurious Emissions (2.661 GHz – 3 GHz) – 16QAM (2652.5 MHz, 2657.5 MHz, 2x5 Channel BW)



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IC ID: 661A1-AHHB

Test Report No:
D568352794

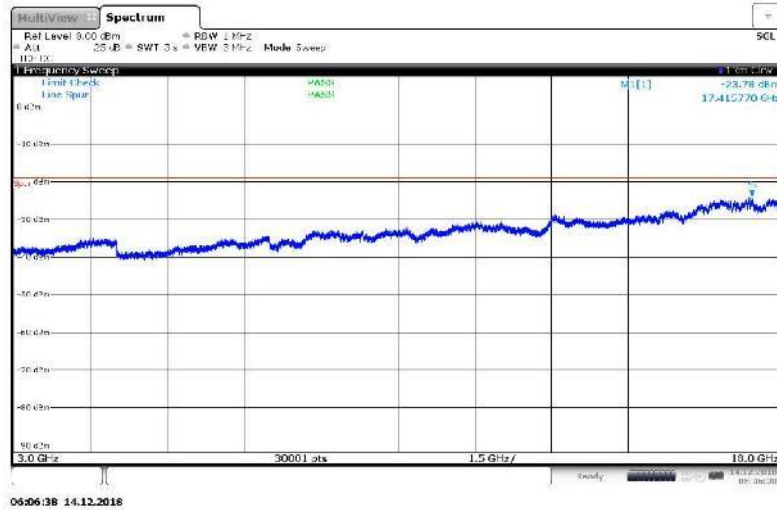


Figure 109 Spurious Emissions (3 GHz – 18GHz) – 16QAM (2652.5 MHz, 2657.5 MHz, 2x5 Channel BW)

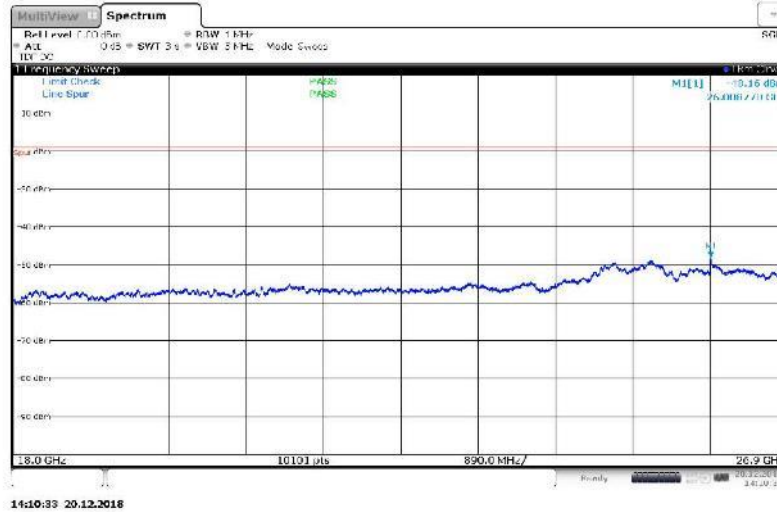


Figure 110 Spurious Emissions (18GHz – 26.9GHz) – 16QAM (2652.5 MHz, 2657.5 MHz, 2x5 Channel BW)



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IC ID: 661A1-AHHB

Test Report No:
D568352794

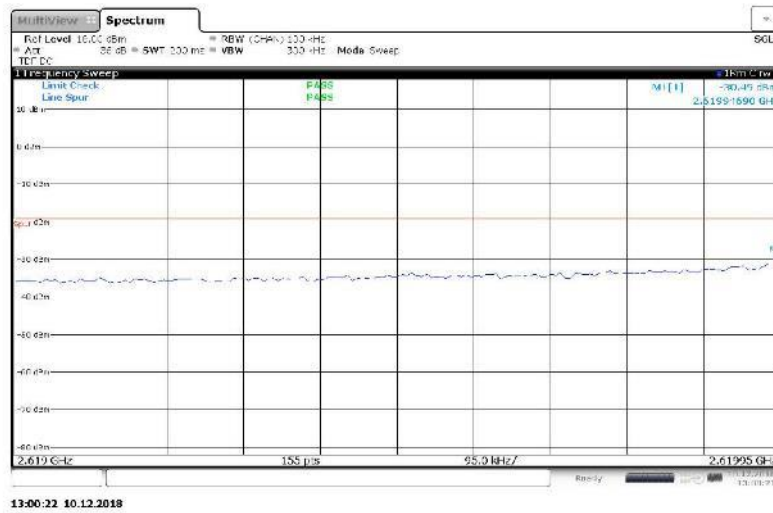


Figure 111 Spurious Emissions (Lower Band Edge) – 64QAM (2622.5 MHz, 2627.5 MHz, 2x5 MHz Channel BW)

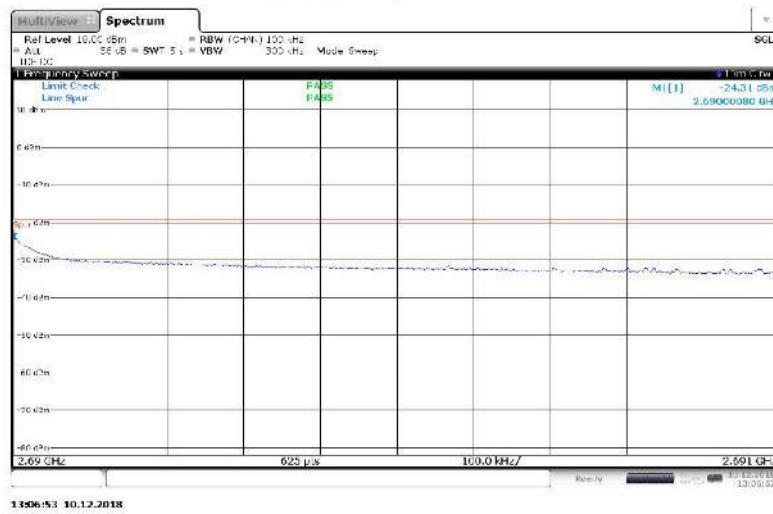
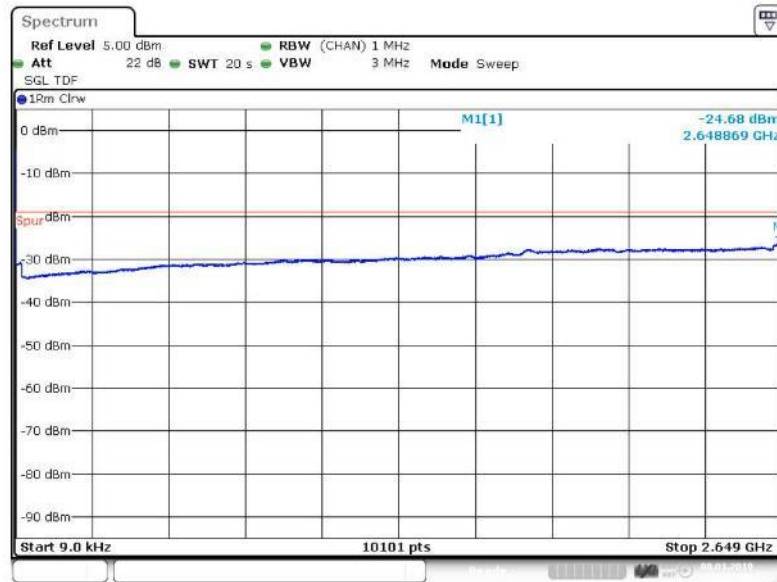


Figure 112 Spurious Emissions (Upper Band Edge) – 64QAM (2682.5 MHz, 2687.5 MHz, 2x5 MHz Channel BW)



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IC ID: 661A1-AHHB

Test Report No:
D568352794



Date: 8. JAN. 2019 12:22:25

Figure 113 Spurious Emissions (9kHz – 2.649GHz) – 64QAM (2652.5 MHz, 2657.5 MHz, 2x5 MHz Channel BW)



13:03:26 10.12.2018

Figure 114 Spurious Emissions (2.661 GHz – 3 GHz) – 64QAM (2652.5 MHz, 2657.5 MHz, 2x5 Channel BW)



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Test Report No:
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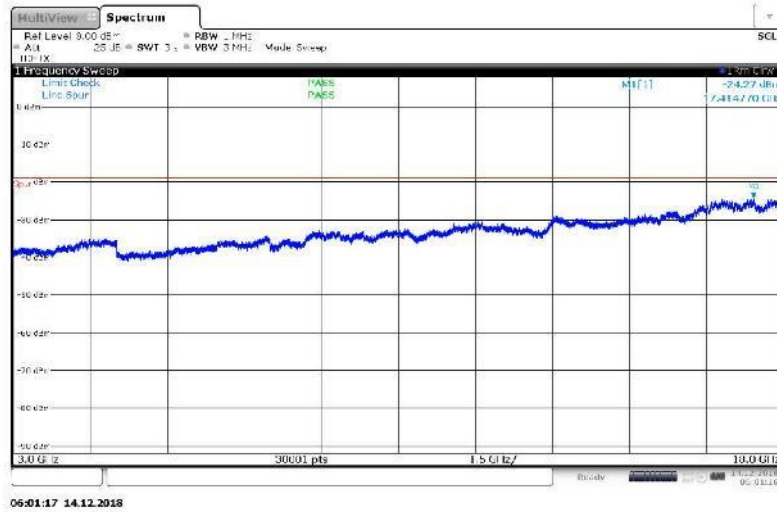


Figure 115 Spurious Emissions (3 GHz – 18GHz) – 64QAM (2652.5 MHz, 2657.5 MHz, 2x5 Channel BW)

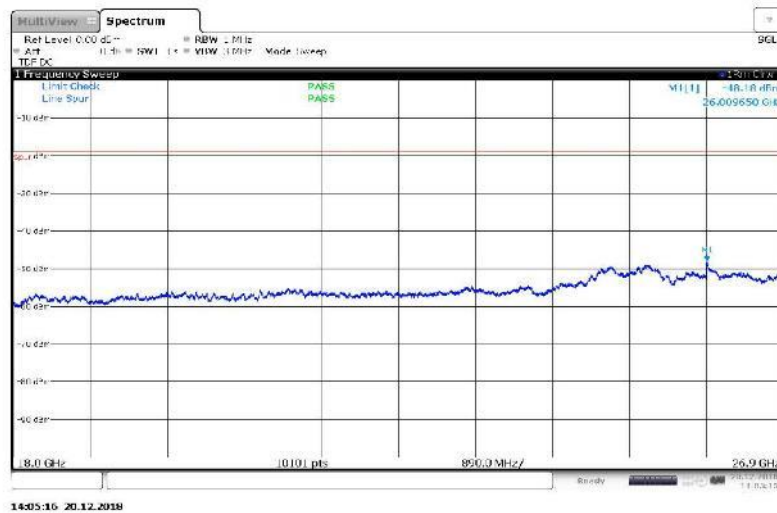


Figure 116 Spurious Emissions (18GHz – 26.9GHz) – 64QAM (2652.5 MHz, 2657.5 MHz, 2x5 Channel BW)



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IC ID: 661A1-AHHB

Test Report No:
D568352794

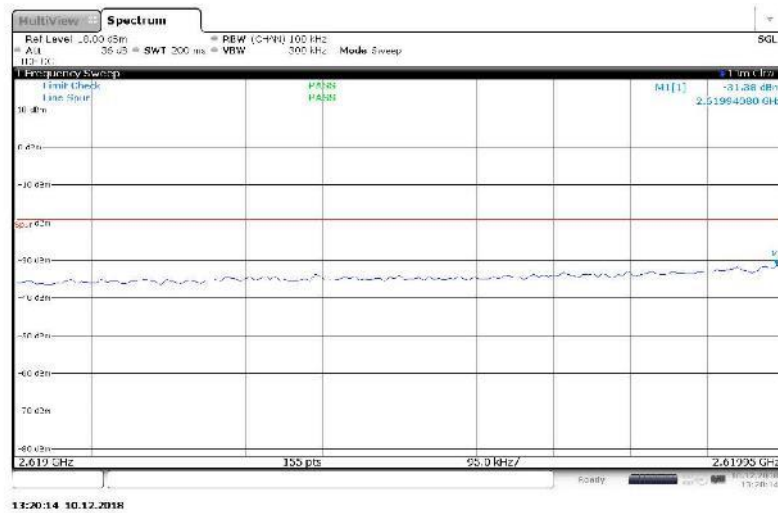


Figure 117 Spurious Emissions (Lower Band Edge) – 256QAM (2622.5 MHz, 2627.5 MHz, 2x5 MHz Channel BW)

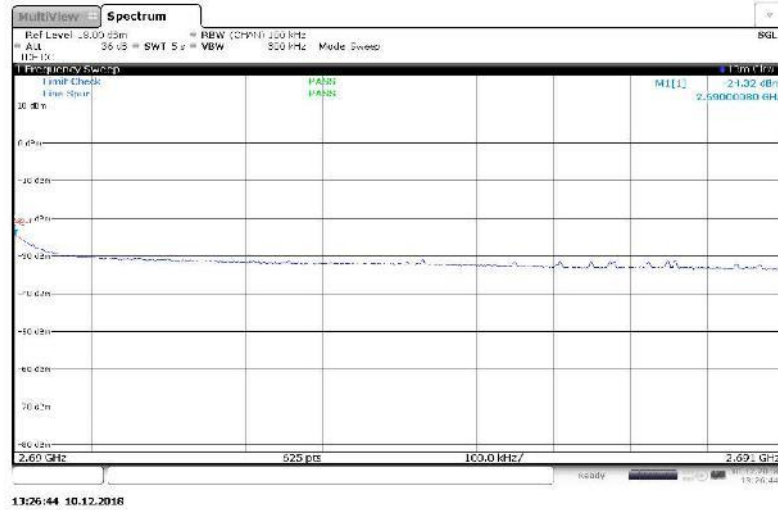


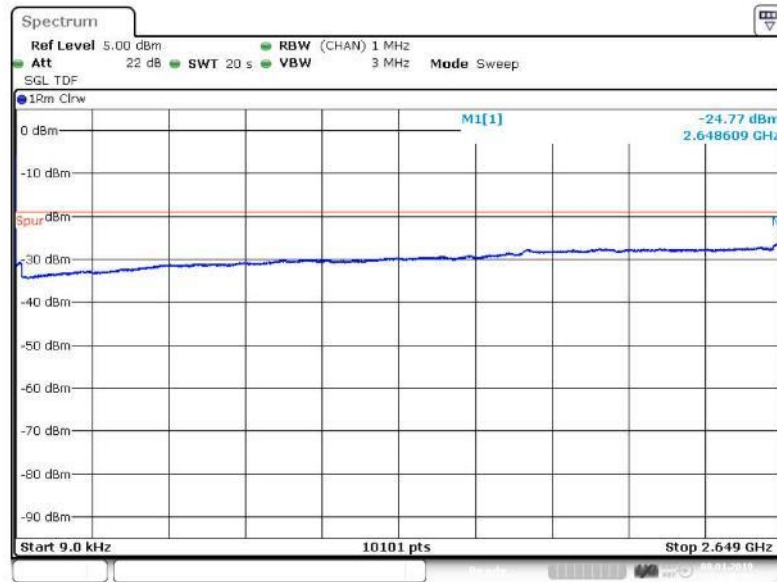
Figure 118 Spurious Emissions (Upper Band Edge) – 256QAM (2682.5 MHz, 2687.5 MHz, 2x5 MHz Channel BW)



Product Service

FCC ID: VBNAHHB-01
IC ID: 661A1-AHHB

Test Report No:
D568352794



Date: 8.JAN.2019 14:19:17

Figure 119 Spurious Emissions (9kHz – 2.649GHz) – 256QAM (2652.5 MHz, 2657.5 MHz, 2x5 MHz Channel BW)

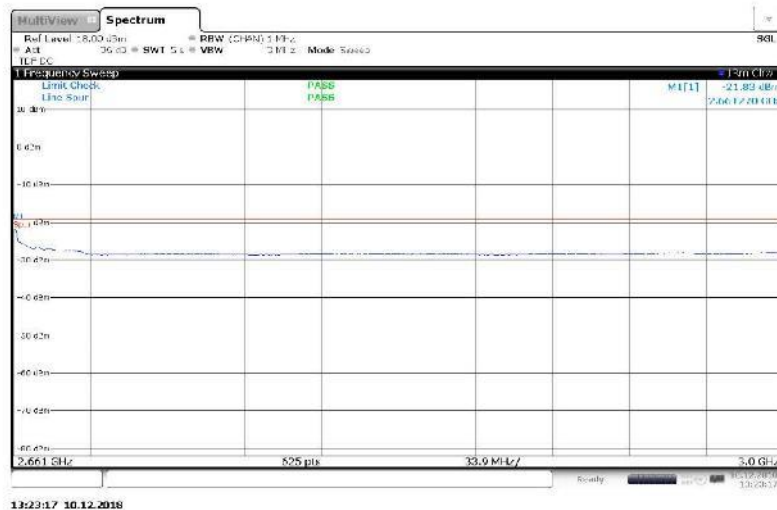


Figure 120 Spurious Emissions (2.661 GHz – 3 GHz) – 256QAM (2652.5 MHz, 2657.5 MHz, 2x5 Channel BW)

FCC 47 CFR part 27 (2018)
Industry Canada RSS-199
(2016)

11. Feb 2018
Page 120 of 230



Product Service

FCC ID: VBNAHHB-01
IC ID: 661A1-AHHB

Test Report No:
D568352794

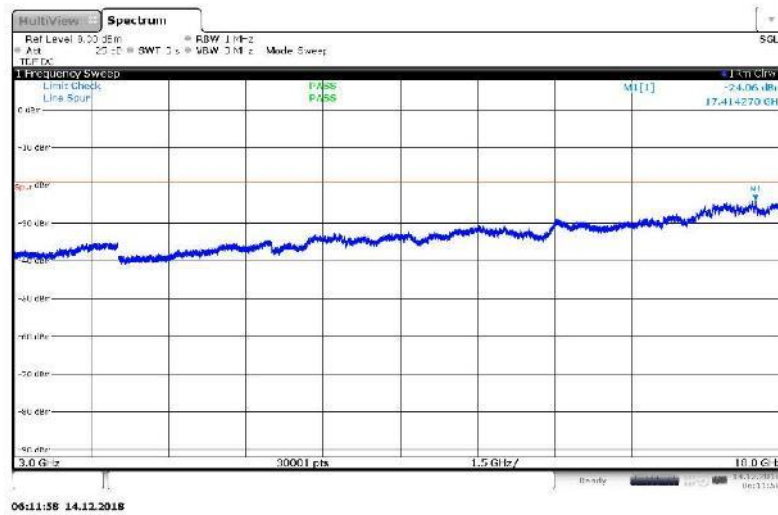


Figure 121 Spurious Emissions (3 GHz – 18GHz) – 256QAM (2652.5 MHz, 2657.5 MHz, 2x5 Channel BW)

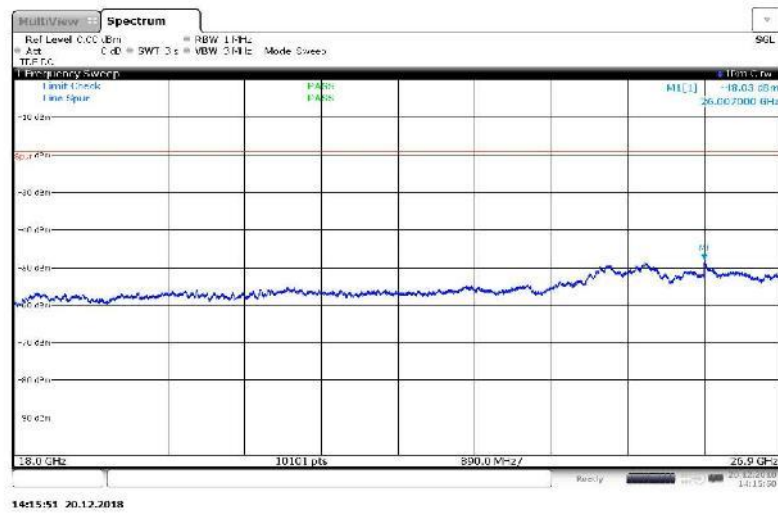


Figure 122 Spurious Emissions (18GHz – 26.9GHz) – 256QAM (2652.5 MHz, 2657.5 MHz, 2x5 Channel BW)



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Test Report No:
D568352794

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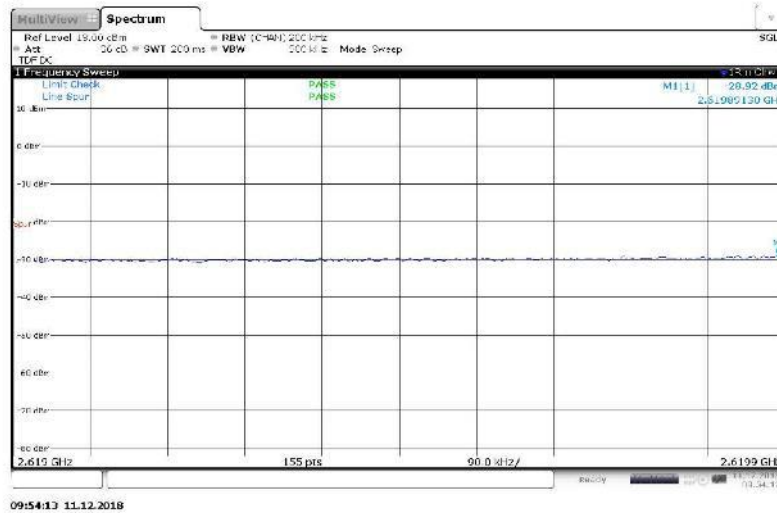


Figure 123 Spurious Emissions (Lower Band Edge) – QPSK (2625 MHz, 2635 MHz, 2x10 MHz Channel BW)

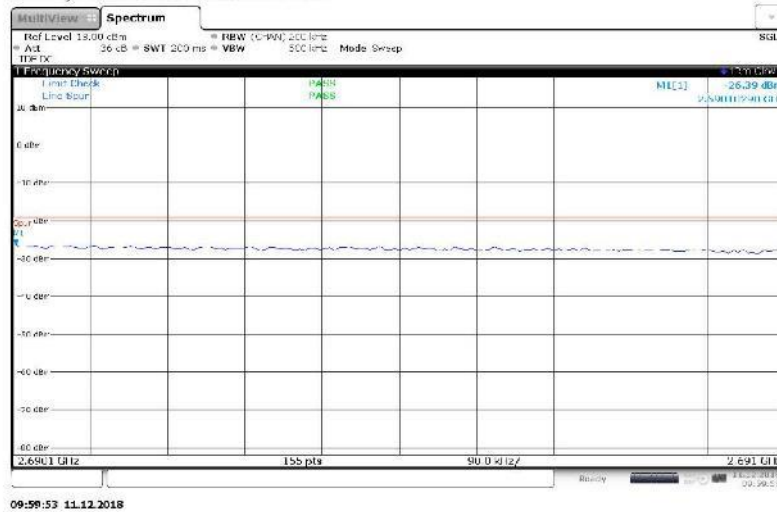


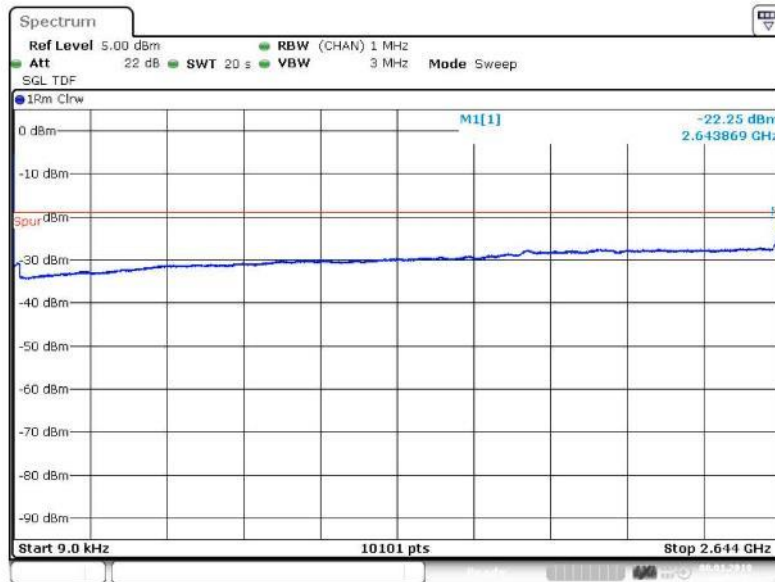
Figure 124 Spurious Emissions (Upper Band Edge) – QPSK (2675 MHz, 2685 MHz, 2x10 MHz Channel BW)



Product Service

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Test Report No:
D568352794



Date: 8.JAN.2019 16:53:16

Figure 125 Spurious Emissions (9kHz – 2.644GHz) – QPSK (2650 MHz, 2660 MHz, 2x10 MHz Channel BW)



09:56:57 11.12.2018

Figure 126 Spurious Emissions (2.666 GHz – 3 GHz) – QPSK (2650 MHz, 2660 MHz, 2x10 Channel BW)



Product Service

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IC ID: 661A1-AHHB

Test Report No:
D568352794

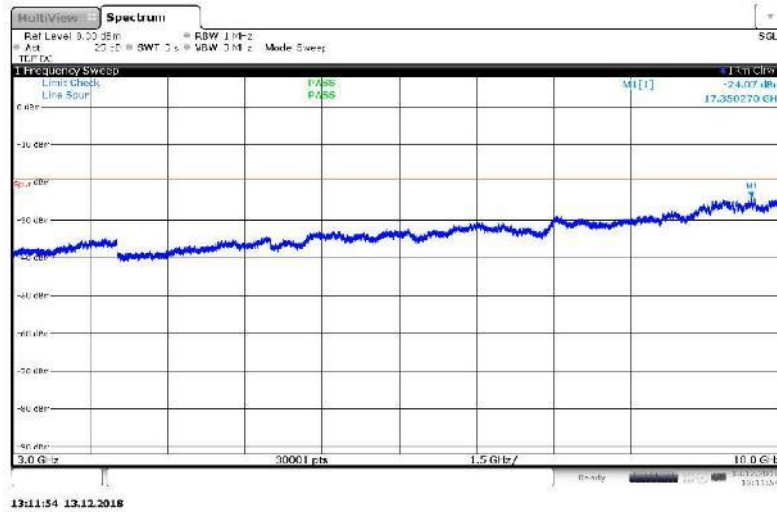


Figure 127 Spurious Emissions (3 GHz – 18GHz) – QPSK (2650 MHz, 2660 MHz, 2x10 Channel BW)

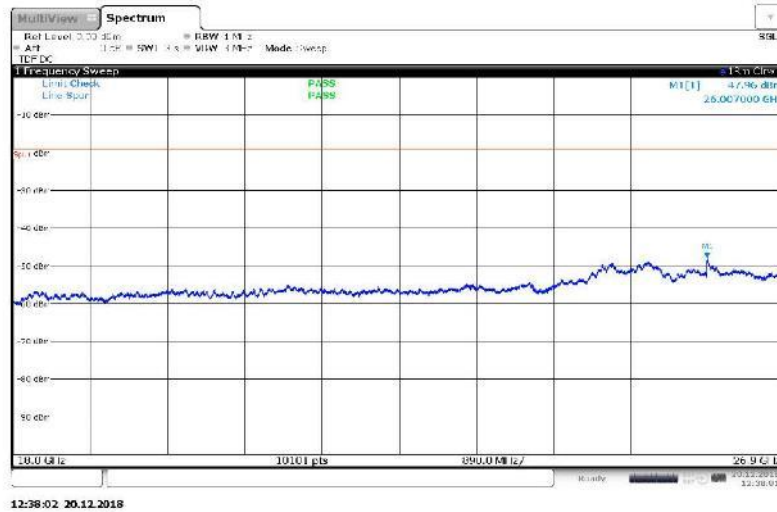


Figure 128 Spurious Emissions (18GHz – 26.9GHz) – QPSK (2650 MHz, 2660 MHz, 2x10 Channel BW)



Product Service

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IC ID: 661A1-AHHB

Test Report No:
D568352794

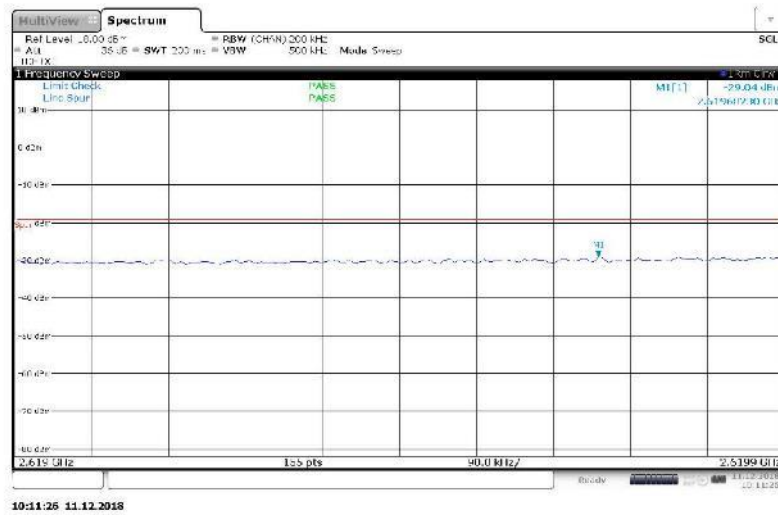


Figure 129 Spurious Emissions (Lower Band Edge) – 16QAM (2625 MHz, 2635 MHz, 2x10 MHz Channel BW)

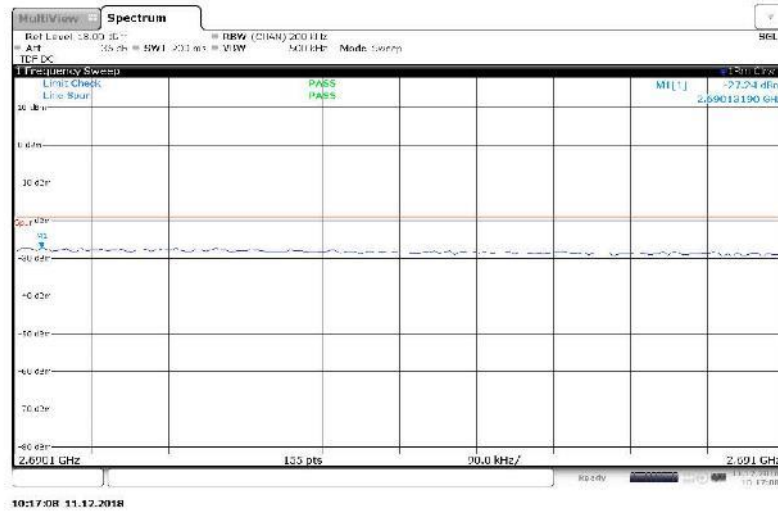


Figure 130 Spurious Emissions (Upper Band Edge) – 16QAM (2675 MHz, 2685 MHz, 2x10 MHz Channel BW)