



Product Service

FCC ID: VBNAHIIIB-01
 IC ID: 661AI-AHHB

Test Report No:
D568352794

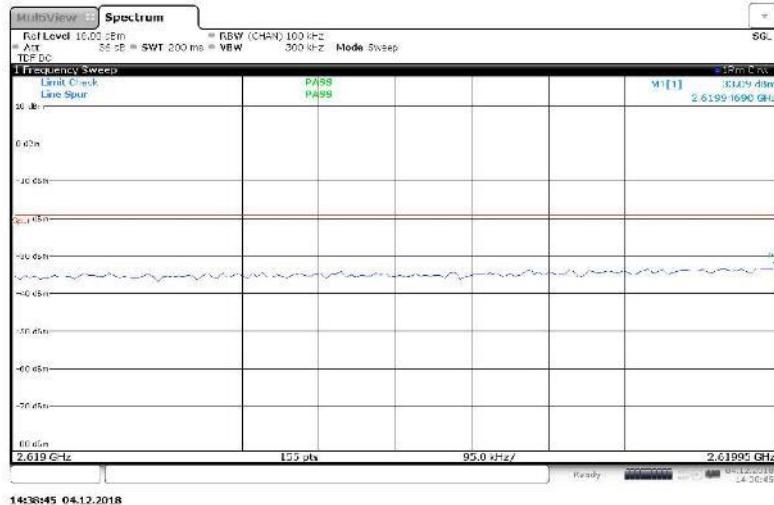


Figure 33 Spurious Emissions (Lower Band Edge) – 16QAM (2625 MHz, 10 MHz Channel BW)

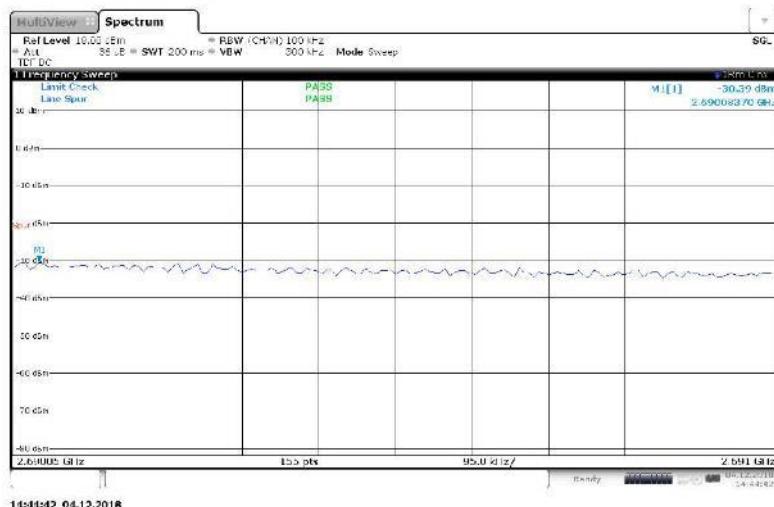


Figure 34 Spurious Emissions (Upper Band Edge) – 16QAM (2685 MHz, 10 MHz Channel BW)



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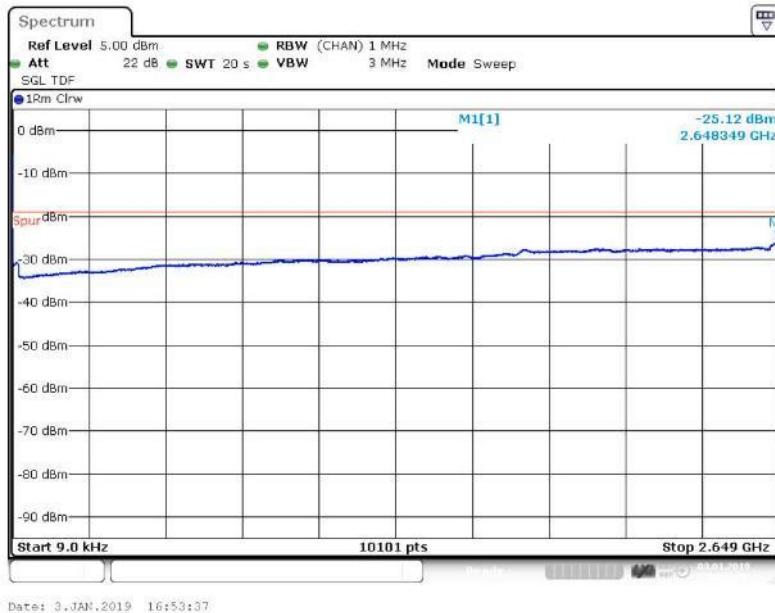


Figure 35 Spurious Emissions (9kHz – 2.649 GHz) – 16QAM (2655 MHz, 10 MHz Channel BW)

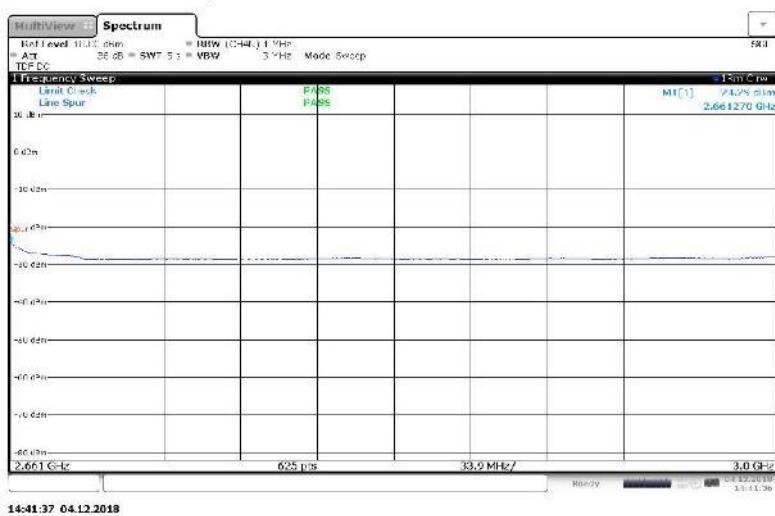


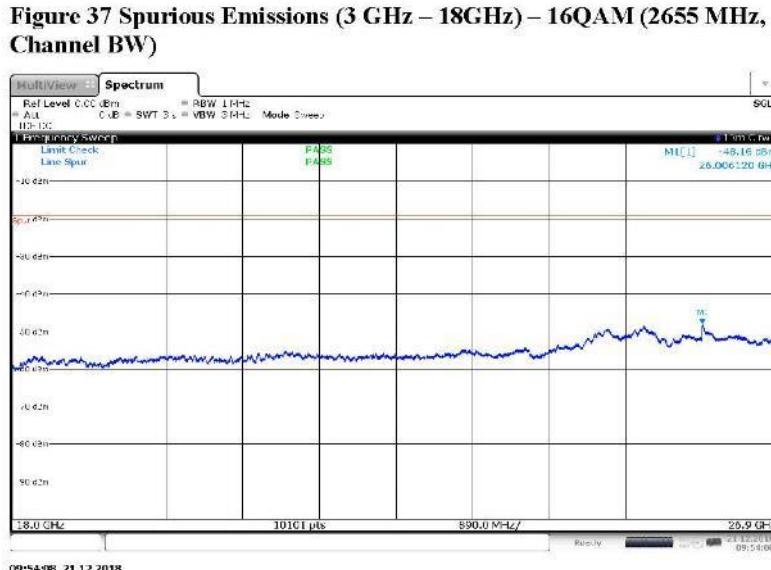
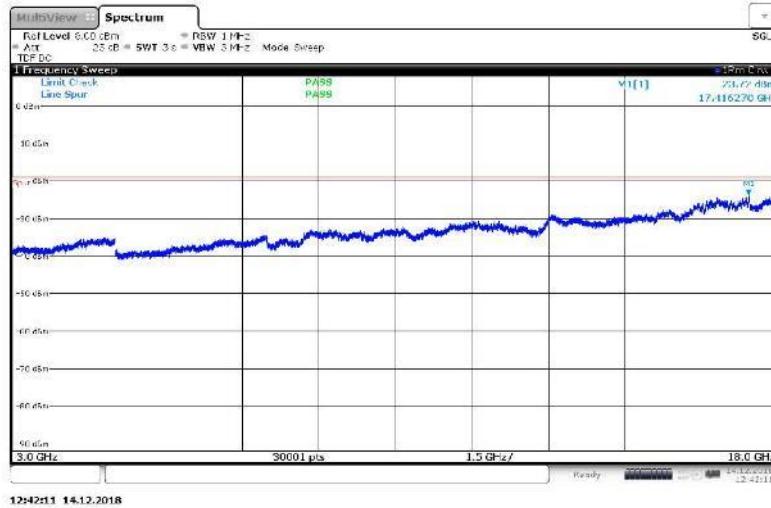
Figure 36 Spurious Emissions (2.661 GHz – 3 GHz) – 16QAM (2655 MHz, 10 MHz Channel BW)



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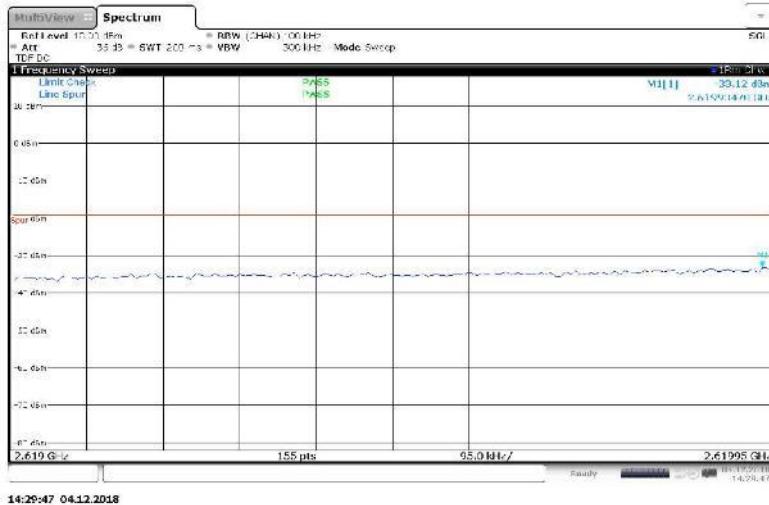
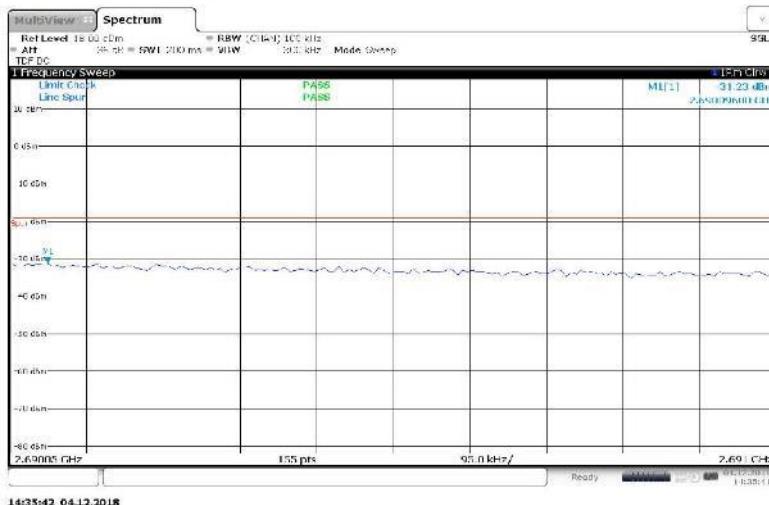


Figure 39 Spurious Emissions (Lower Band Edge) – 64QAM (2625 MHz, 10 MHz Channel BW)





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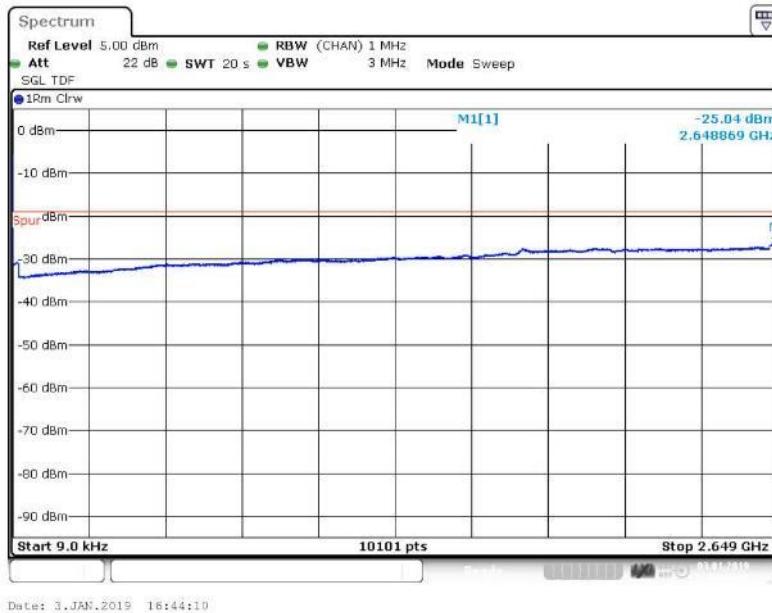


Figure 41 Spurious Emissions (9kHz – 2.649 GHz) – 64QAM (2655 MHz, 10 MHz Channel BW)



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



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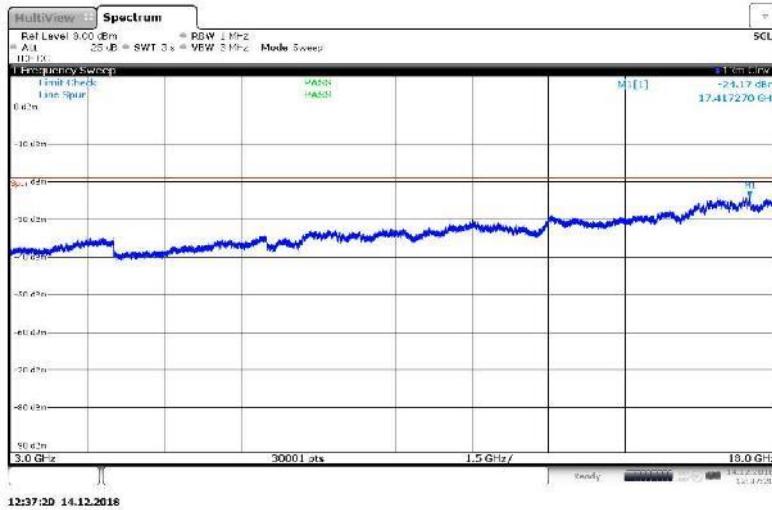


Figure 43 Spurious Emissions (3 GHz – 18GHz) – 64QAM (2655 MHz, 10 MHz Channel BW)

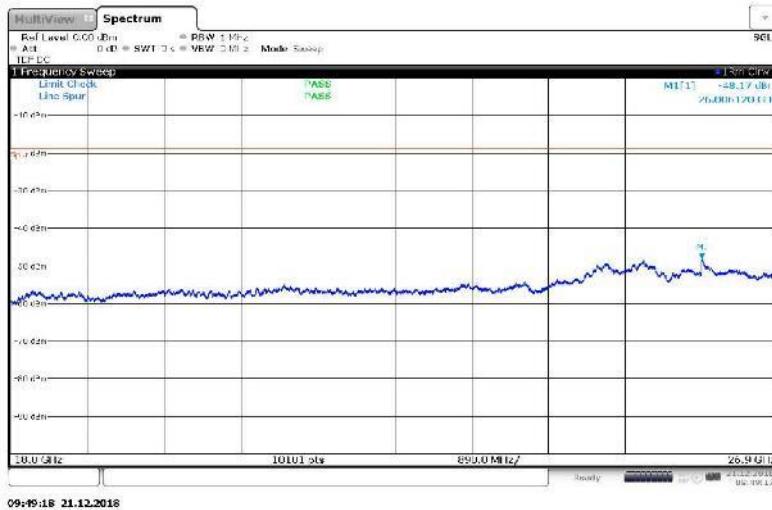


Figure 44 Spurious Emissions (18GHz – 26.9GHz) – 64QAM (2655 MHz, 10 MHz Channel BW)



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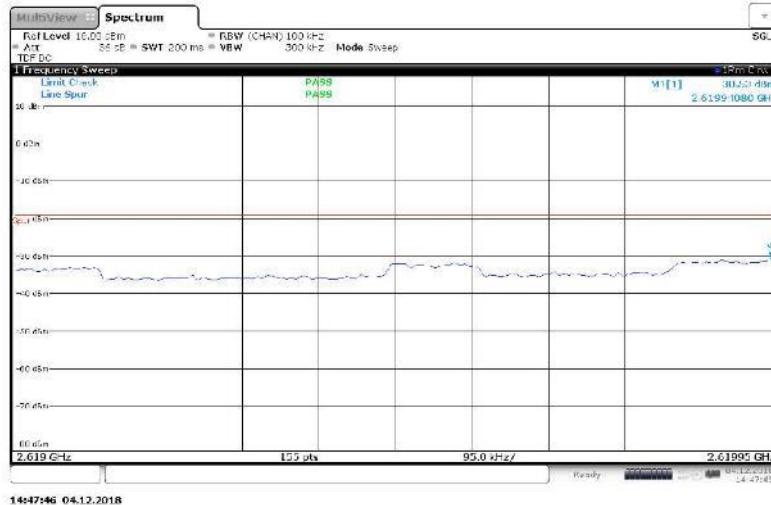


Figure 45 Spurious Emissions (Lower Band Edge) – 256QAM (2625 MHz, 10 MHz Channel BW)

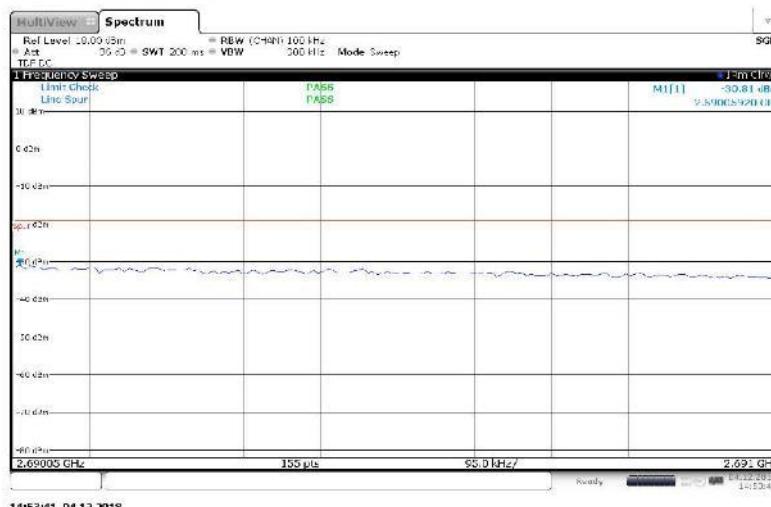


Figure 46 Spurious Emissions (Upper Band Edge) – 256QAM (2685 MHz, 10 MHz Channel BW)



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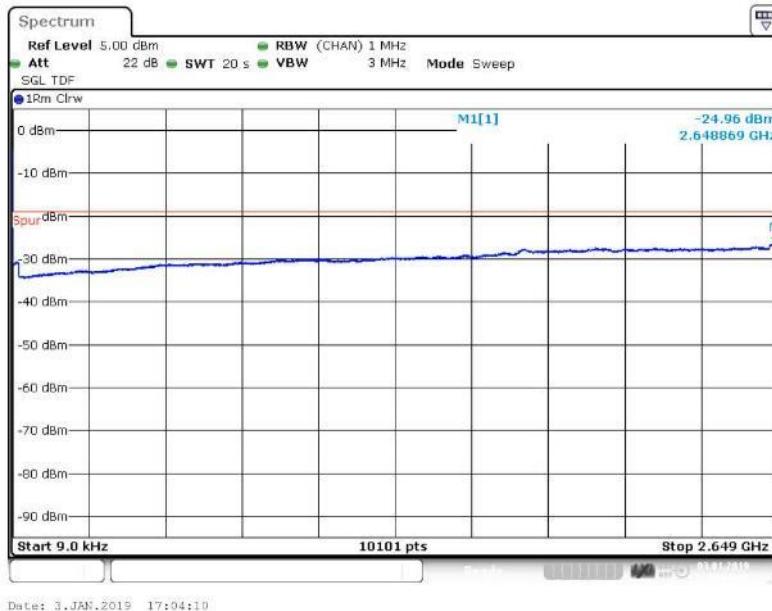


Figure 47 Spurious Emissions (9kHz – 2.649 GHz) – 256QAM (2655 MHz, 10 MHz Channel BW)

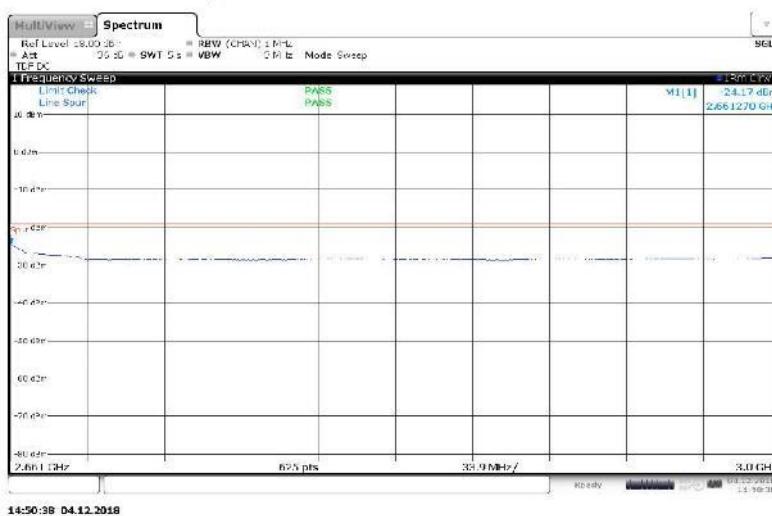


Figure 48 Spurious Emissions (2.661 GHz – 3 GHz) – 256QAM (2655 MHz, 10 MHz Channel BW)



Product Service

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 IC ID: 661AI-AHHB

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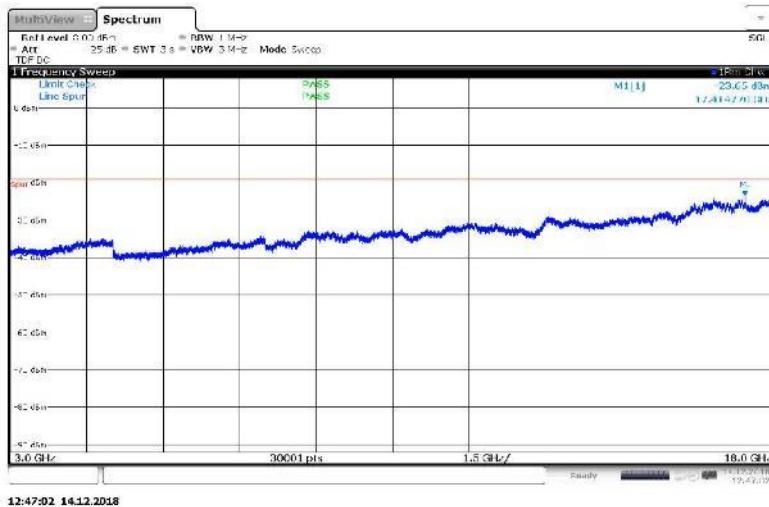


Figure 49 Spurious Emissions (3 GHz – 18GHz) – 256QAM (2655 MHz, 10 MHz Channel BW)

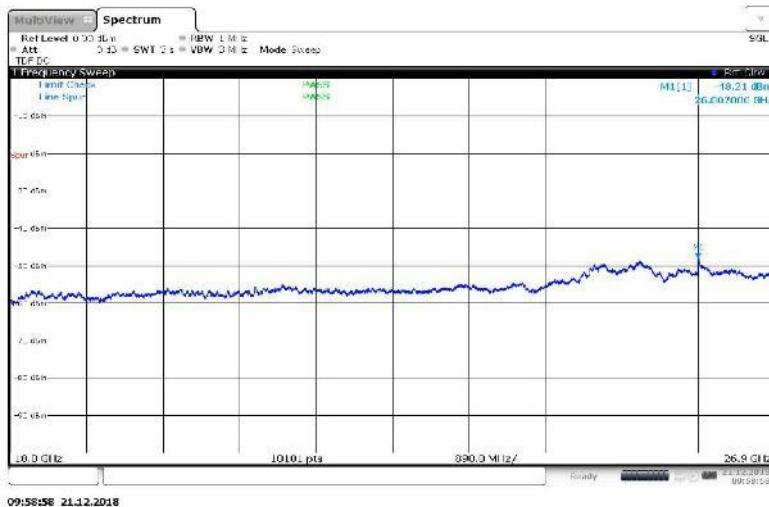


Figure 50 Spurious Emissions (18GHz – 26.9GHz) – 256QAM (2655 MHz, 10 MHz Channel BW)



Product Service

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 IC ID: 661AI-AHHB

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Config C ANT2:

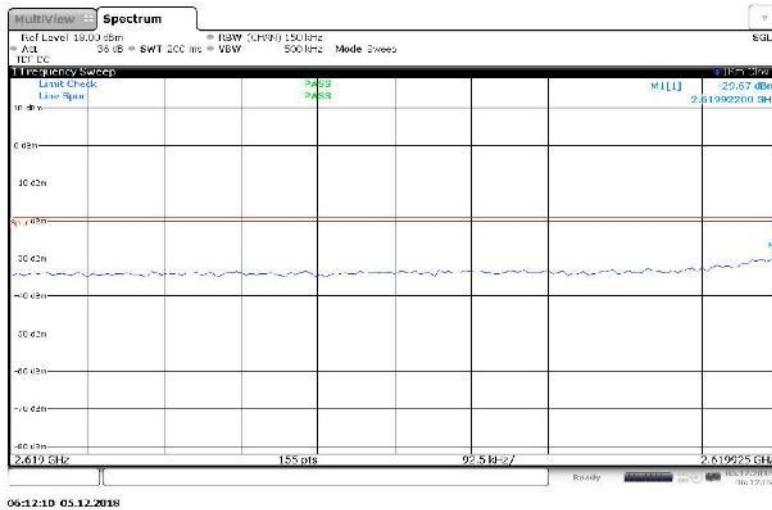


Figure 51 Spurious Emissions (Lower Band Edge) – QPSK (2627.5 MHz, 15 MHz Channel BW)

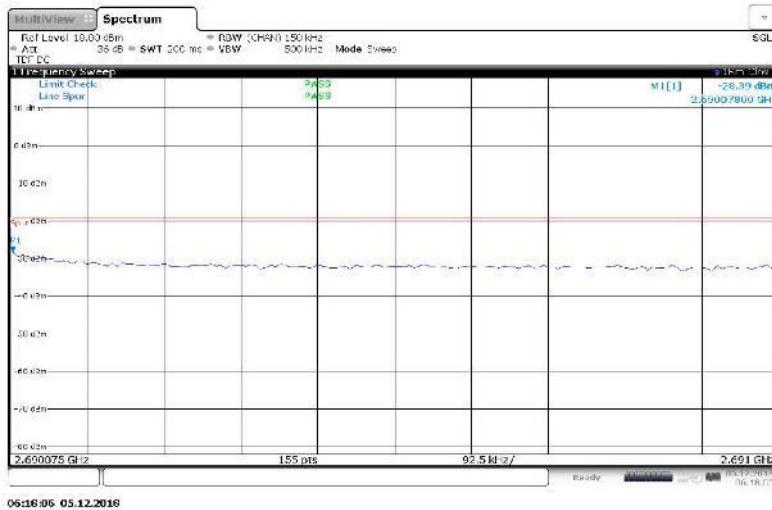


Figure 52 Spurious Emissions (Upper Band Edge) – QPSK (2682.5 MHz, 15 MHz Channel BW)



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 IC ID: 661AI-AHHB

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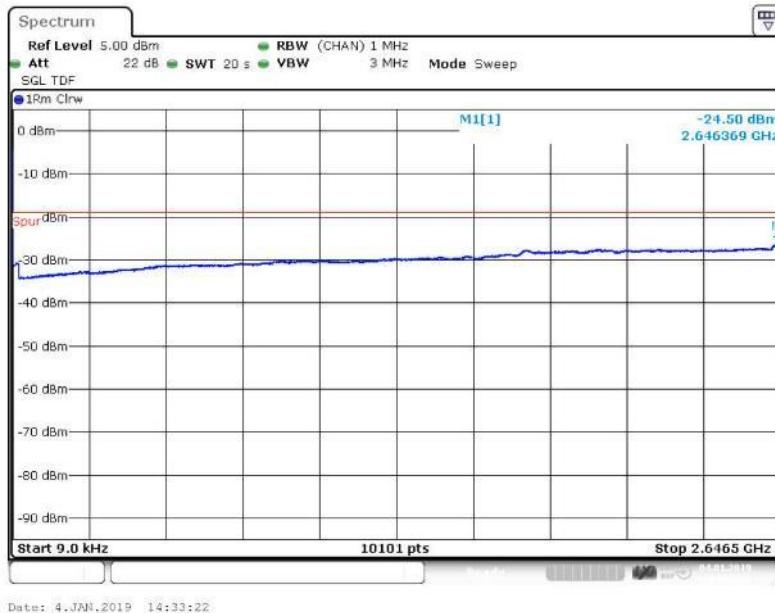


Figure 53 Spurious Emissions (9kHz – 2.6465 GHz) – QPSK (2655 MHz, 15 MHz Channel BW)

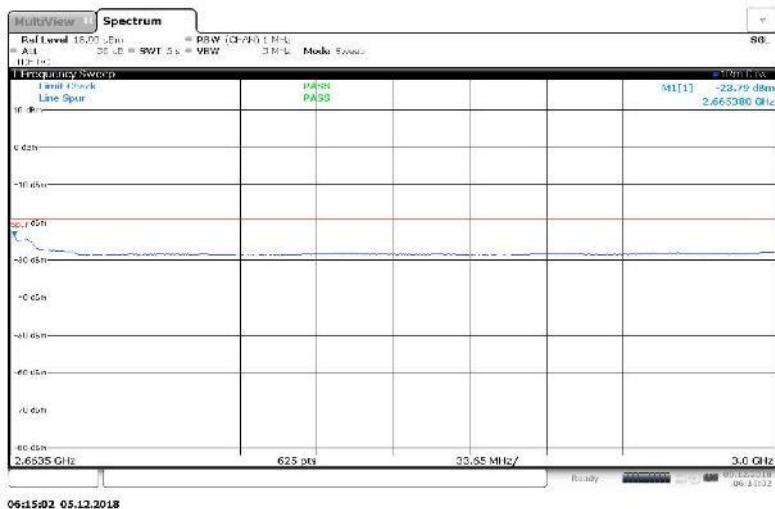


Figure 54 Spurious Emissions (2.6635 GHz – 3 GHz) – QPSK (2655 MHz, 15 MHz Channel BW)



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 IC ID: 661AI-AHHB

Test Report No:
D568352794

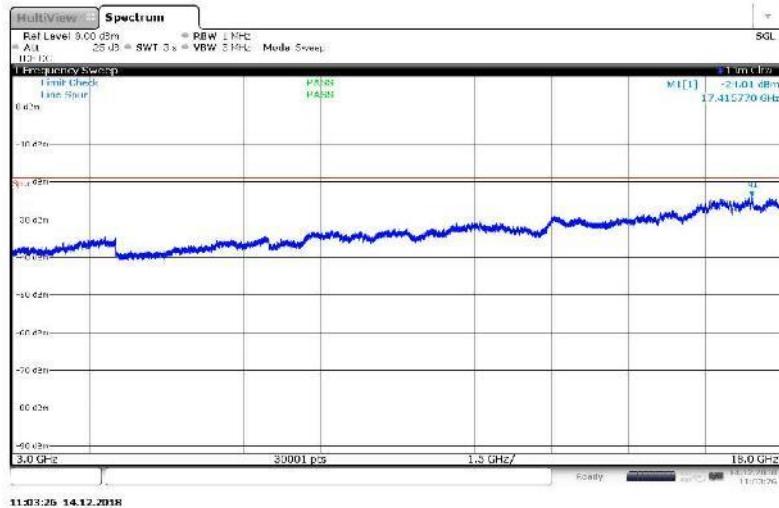


Figure 55 Spurious Emissions (3 GHz – 18GHz) – QPSK (2655 MHz, 15 MHz Channel BW)

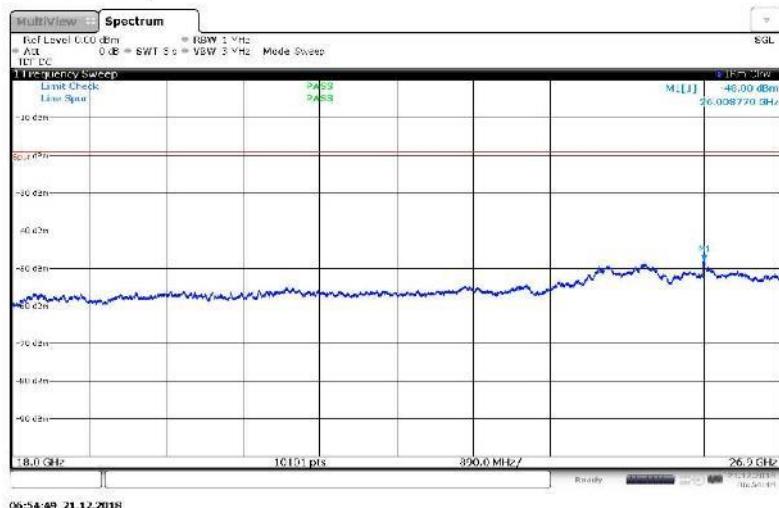


Figure 56 Spurious Emissions (18GHz – 26.9GHz) – QPSK (2655 MHz, 15 MHz Channel BW)



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FCC ID: VBNAHIIIB-01
 IC ID: 661AI-AHHB

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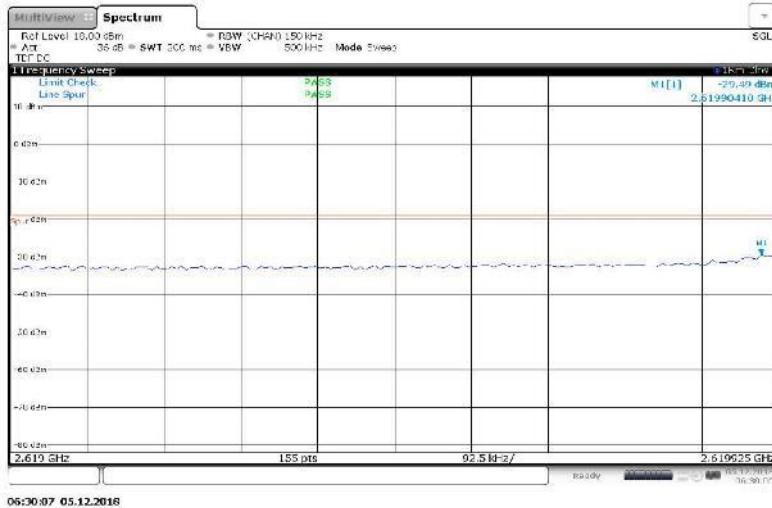


Figure 57 Spurious Emissions (Lower Band Edge) – 16QAM (2627.5 MHz, 15 MHz Channel BW)

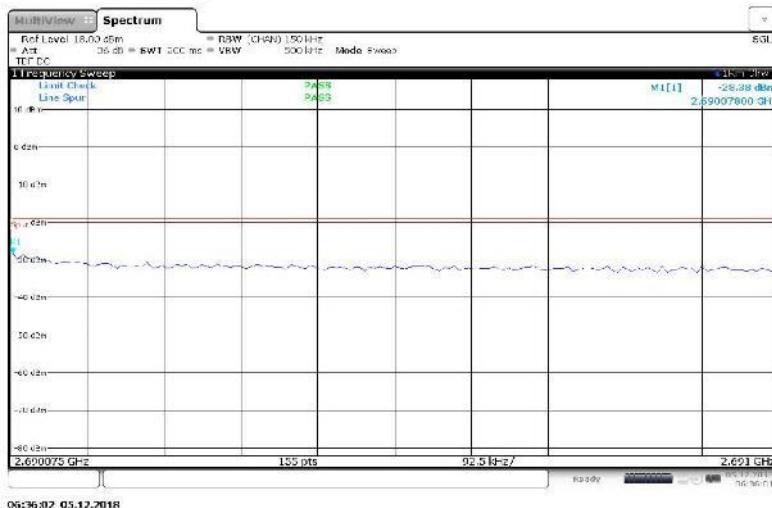


Figure 58 Spurious Emissions (Upper Band Edge) – 16QAM (2682.5 MHz, 15 MHz Channel BW)



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FCC ID: VBNAHIIIB-01
 IC ID: 661AI-AHHB

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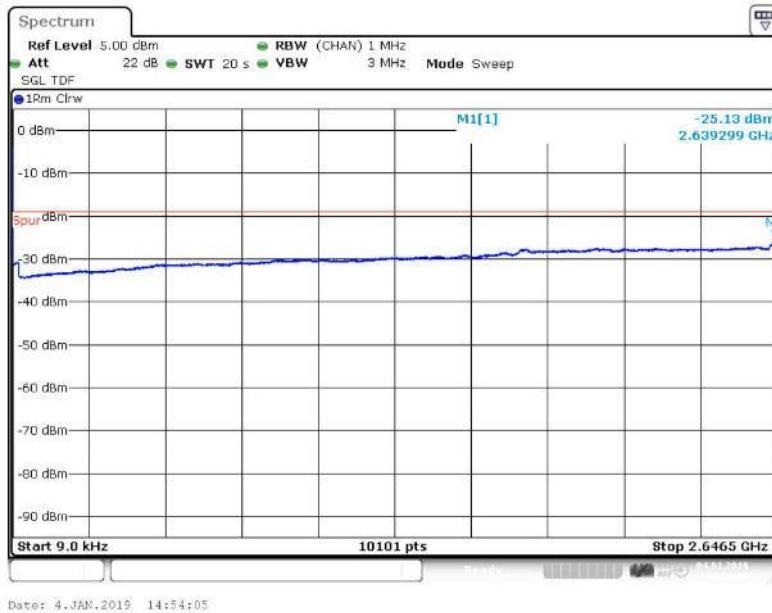


Figure 59 Spurious Emissions (9kHz – 2.6465 GHz) – 16QAM (2655 MHz, 15 MHz Channel BW)

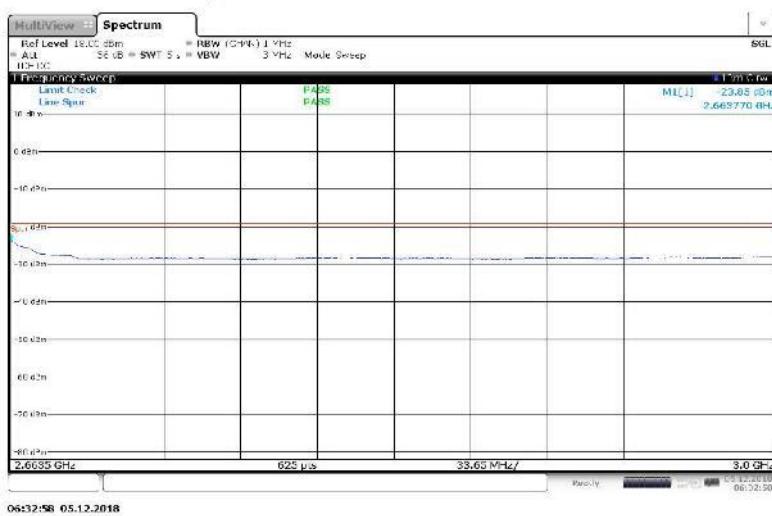


Figure 60 Spurious Emissions (2.6635 GHz – 3 GHz) – 16QAM (2655 MHz, 15 MHz Channel BW)



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 IC ID: 661AI-AHHB

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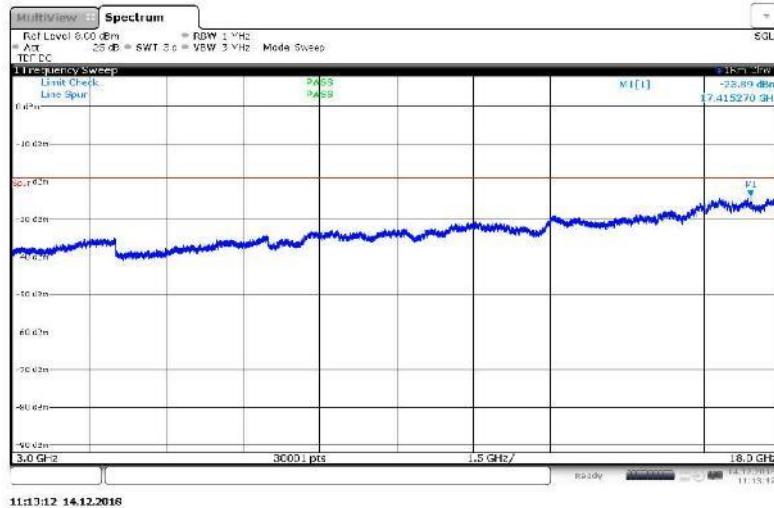


Figure 61 Spurious Emissions (3 GHz – 18GHz) – 16QAM (2655 MHz, 15 MHz Channel BW)

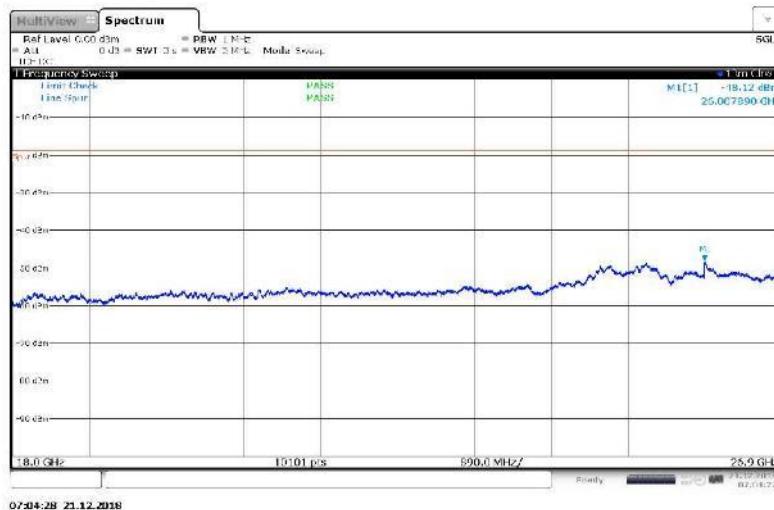


Figure 62 Spurious Emissions (18GHz – 26.9GHz) – 16QAM (2655 MHz, 15 MHz Channel BW)



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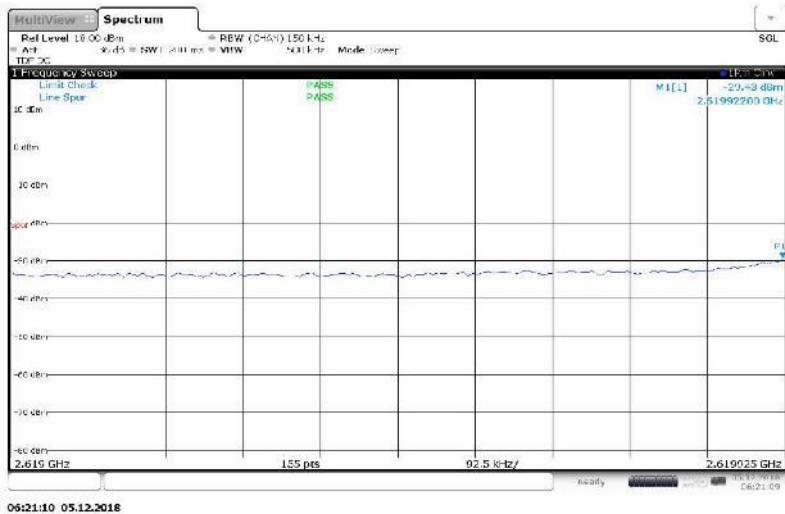


Figure 63 Spurious Emissions (Lower Band Edge) – 64QAM (2627.5 MHz, 15 MHz Channel BW)

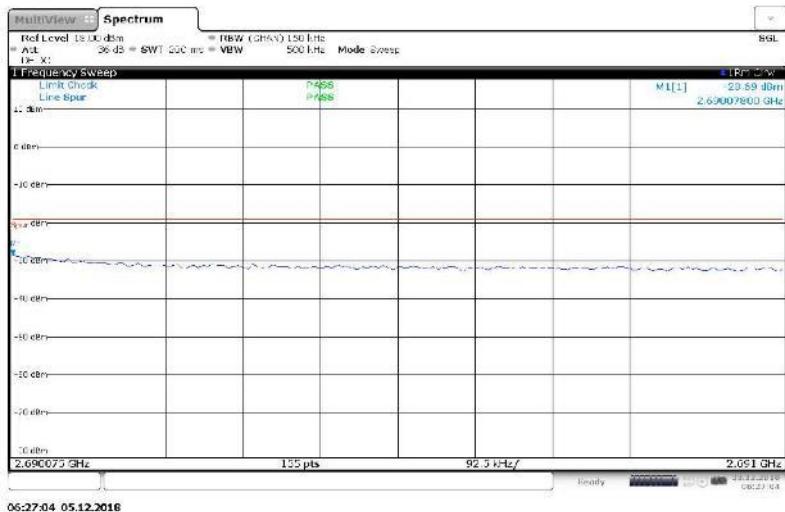


Figure 64 Spurious Emissions (Upper Band Edge) – 64QAM (2682.5 MHz, 15 MHz Channel BW)



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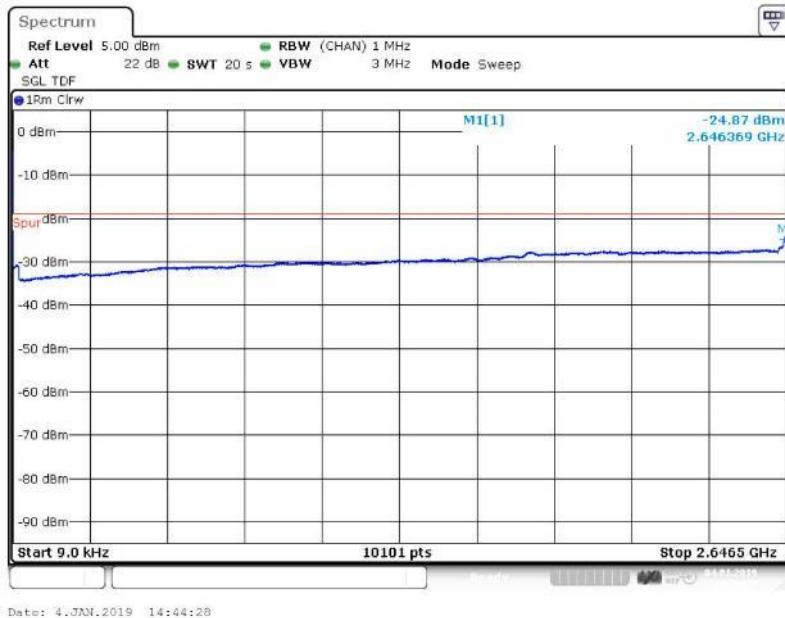


Figure 65 Spurious Emissions (9kHz – 2.6465 GHz) – 64QAM (2655 MHz, 15 MHz Channel BW)

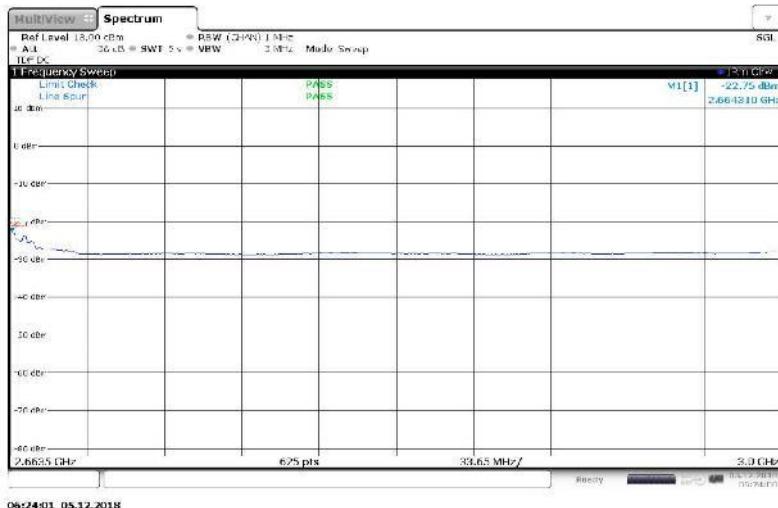


Figure 66 Spurious Emissions (2.6635 GHz – 3 GHz) – 64QAM (2655 MHz, 15 MHz Channel BW)



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 IC ID: 661AI-AHHB

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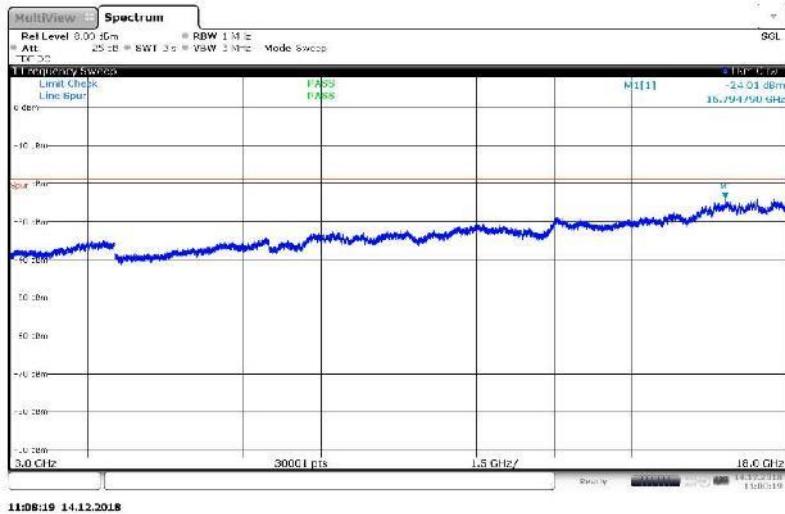


Figure 67 Spurious Emissions (3 GHz – 18GHz) – 64QAM (2655 MHz, 15 MHz Channel BW)

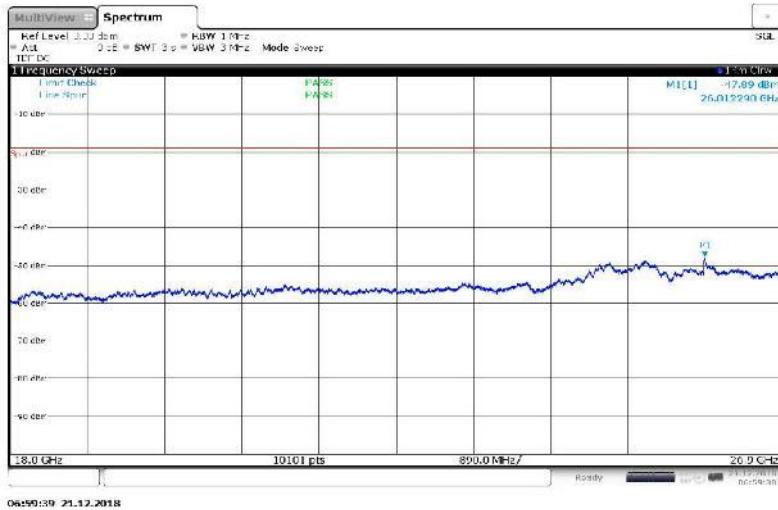


Figure 68 Spurious Emissions (18GHz – 26.9GHz) – 64QAM (2655 MHz, 15 MHz Channel BW)



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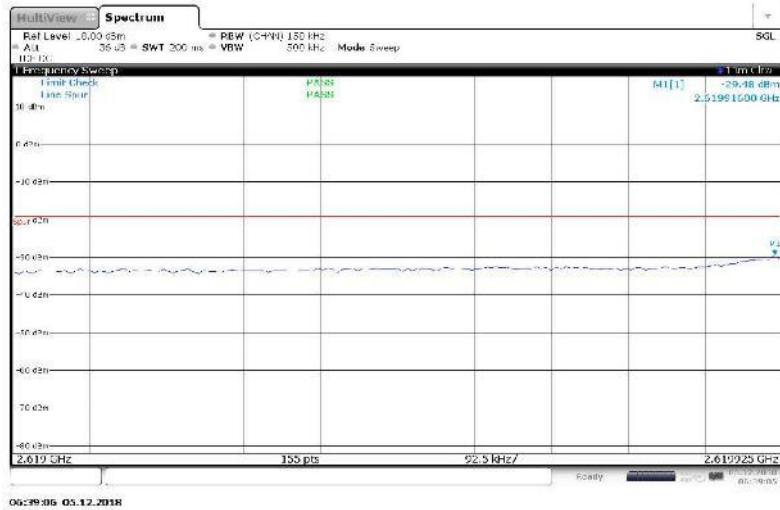


Figure 69 Spurious Emissions (Lower Band Edge) – 256QAM (2627.5 MHz, 15 MHz Channel BW)

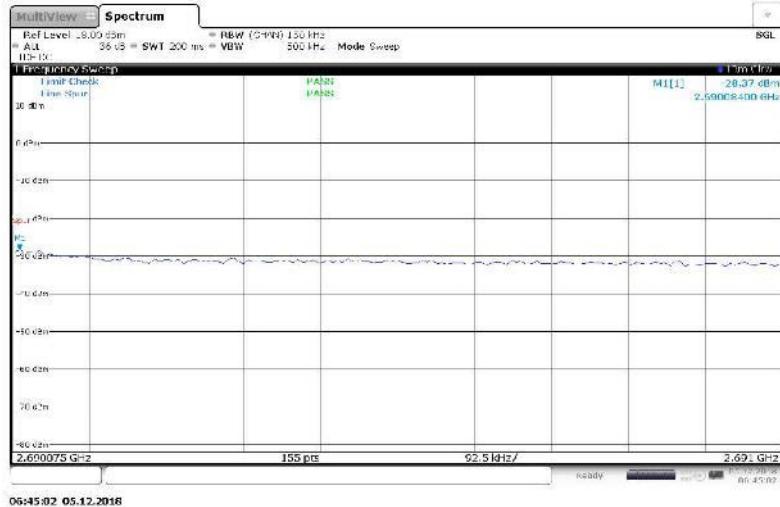


Figure 70 Spurious Emissions (Upper Band Edge) – 256QAM (2682.5 MHz, 15 MHz Channel BW)



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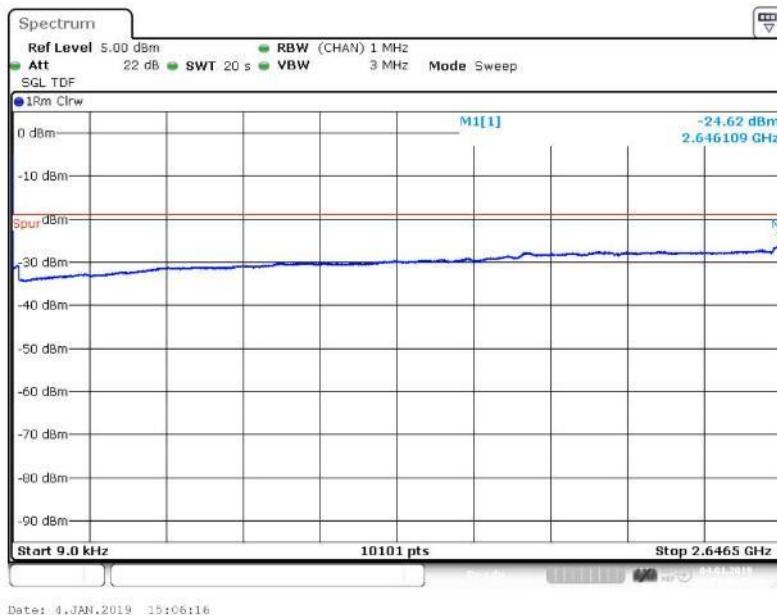


Figure 71 Spurious Emissions (9kHz – 2.6465 GHz) – 256QAM (2655 MHz, 15 MHz Channel BW)

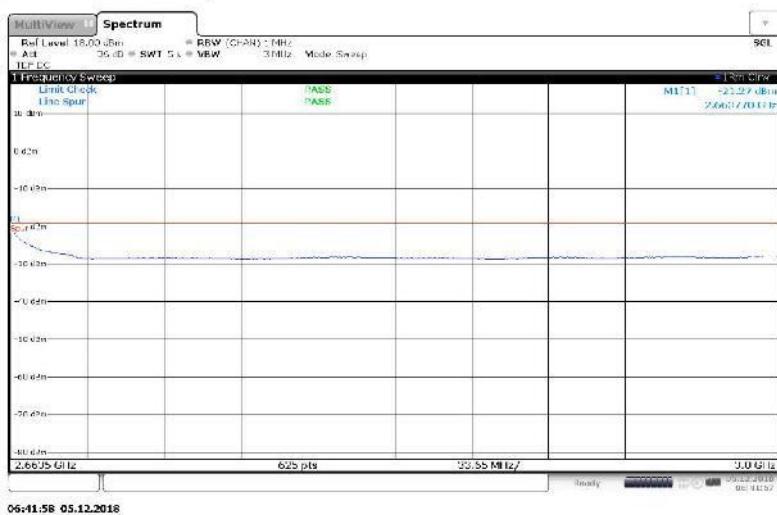


Figure 72 Spurious Emissions (2.6635 GHz – 3 GHz) – 256QAM (2655 MHz, 15 MHz Channel BW)



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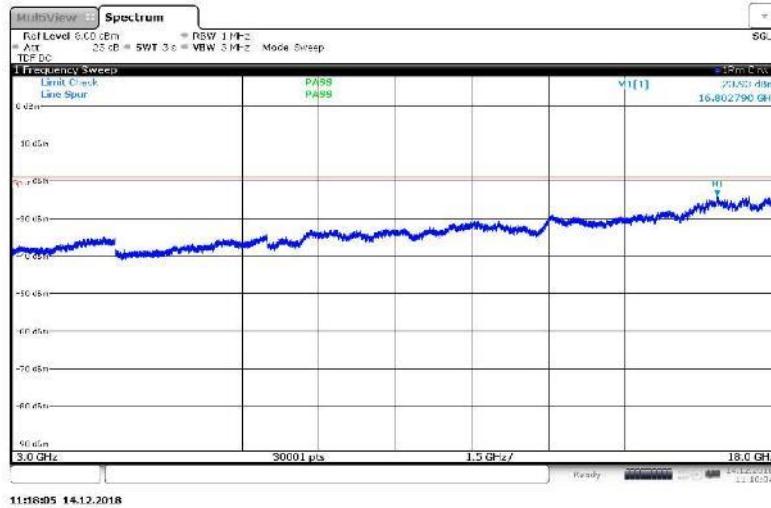


Figure 73 Spurious Emissions (3 GHz – 18GHz) – 256QAM (2655 MHz, 15 MHz Channel BW)

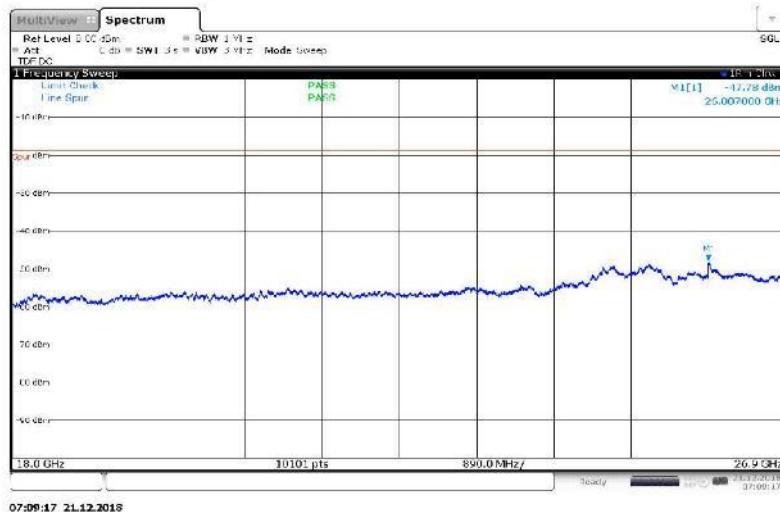


Figure 74 Spurious Emissions (18GHz – 26.9GHz) – 256QAM (2655 MHz, 15 MHz Channel BW)

Config D ANT2:



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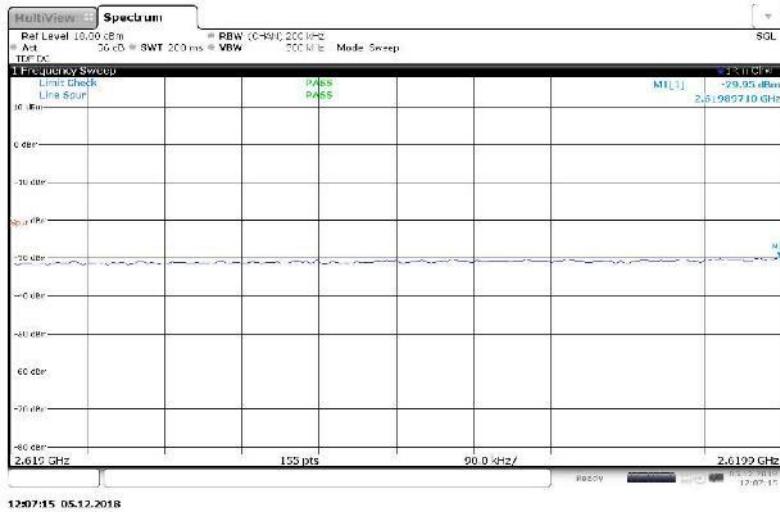


Figure 75 Spurious Emissions (Lower Band Edge) – QPSK (2630 MHz, 20 MHz Channel BW)

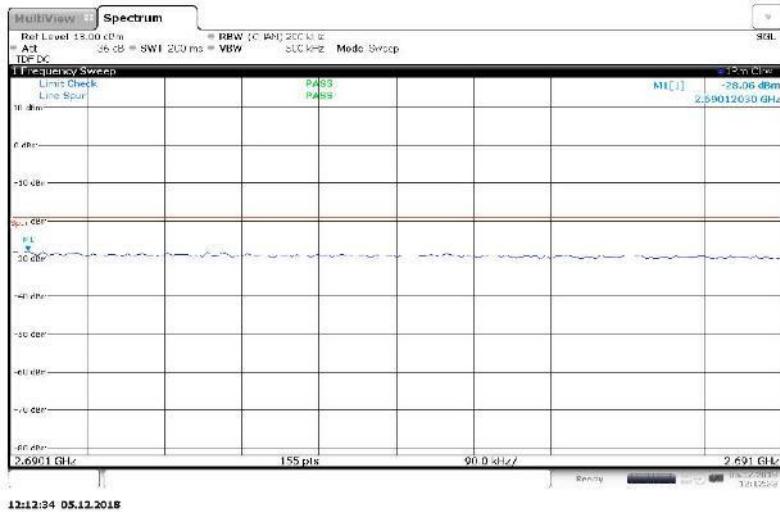


Figure 76 Spurious Emissions (Upper Band Edge) – QPSK (2680 MHz, 20 MHz Channel BW)



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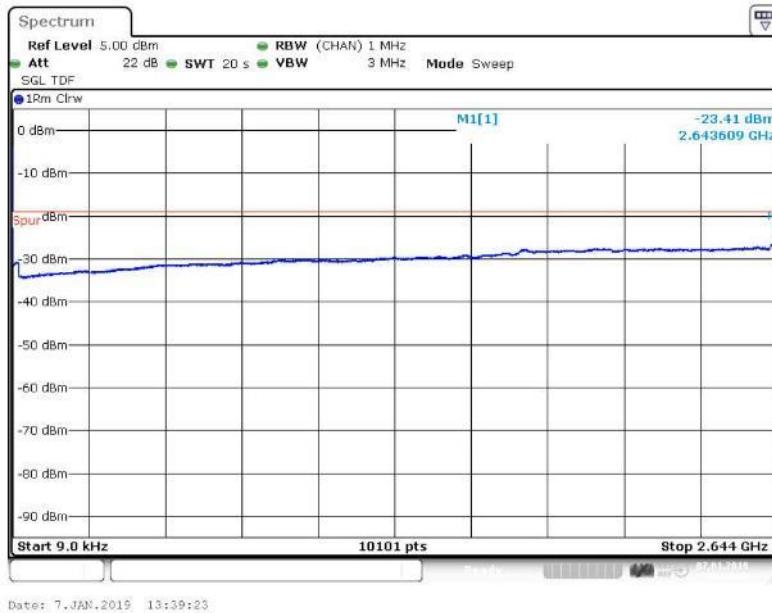


Figure 77 Spurious Emissions (9kHz – 2.644 GHz) – QPSK (2655 MHz, 20 MHz Channel BW)

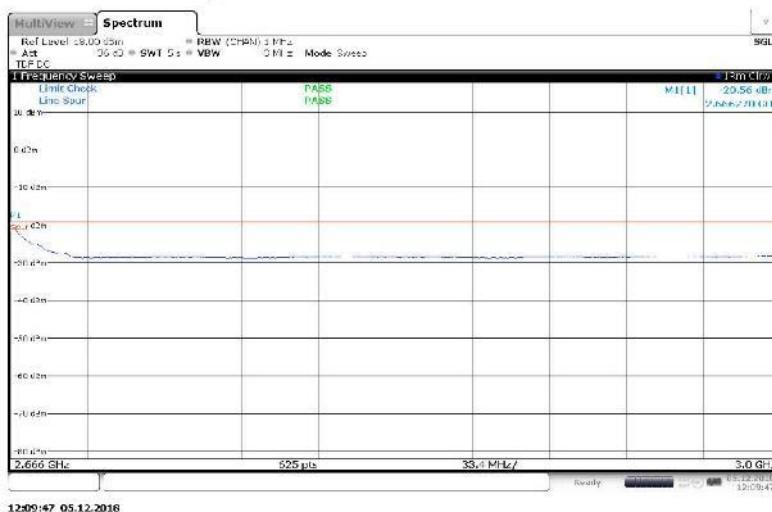


Figure 78 Spurious Emissions (2.666 GHz – 3 GHz) – QPSK (2655 MHz, 20 MHz Channel BW)

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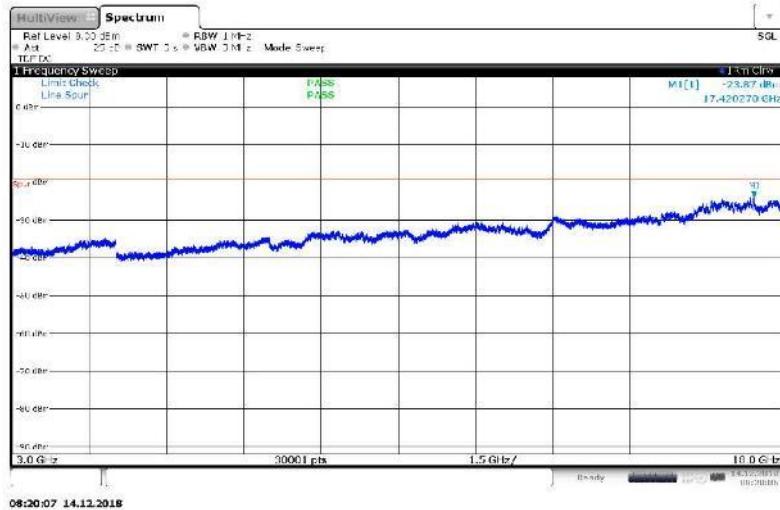


Figure 79 Spurious Emissions (3 GHz – 18GHz) – QPSK (2655 MHz, 20 MHz Channel BW)

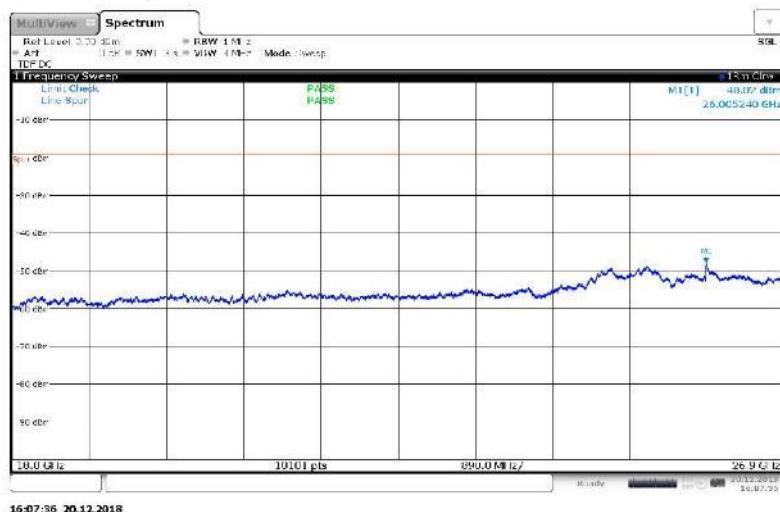


Figure 80 Spurious Emissions (18GHz – 26.9GHz) – QPSK (2655 MHz, 20 MHz Channel BW)



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 IC ID: 661AI-AHHB

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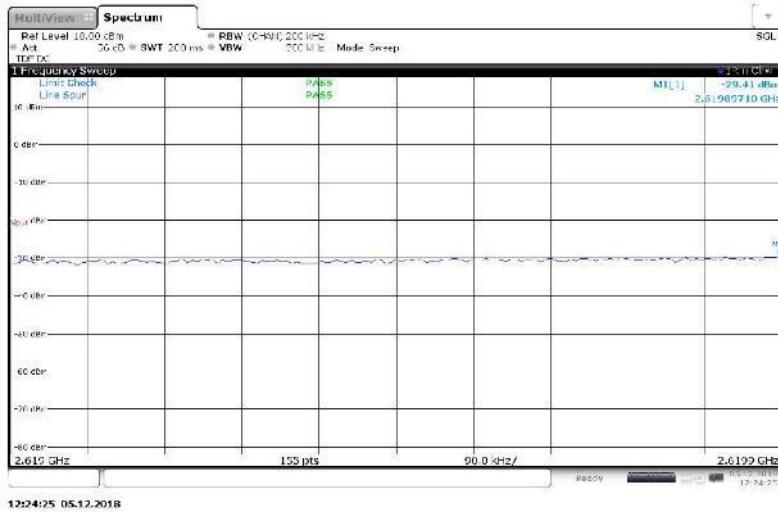


Figure 81 Spurious Emissions (Lower Band Edge) – 16QAM (2630 MHz, 20 MHz Channel BW)

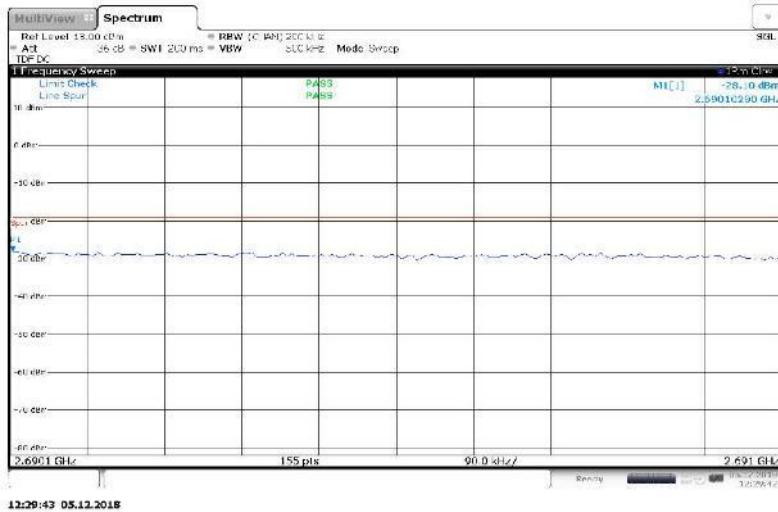


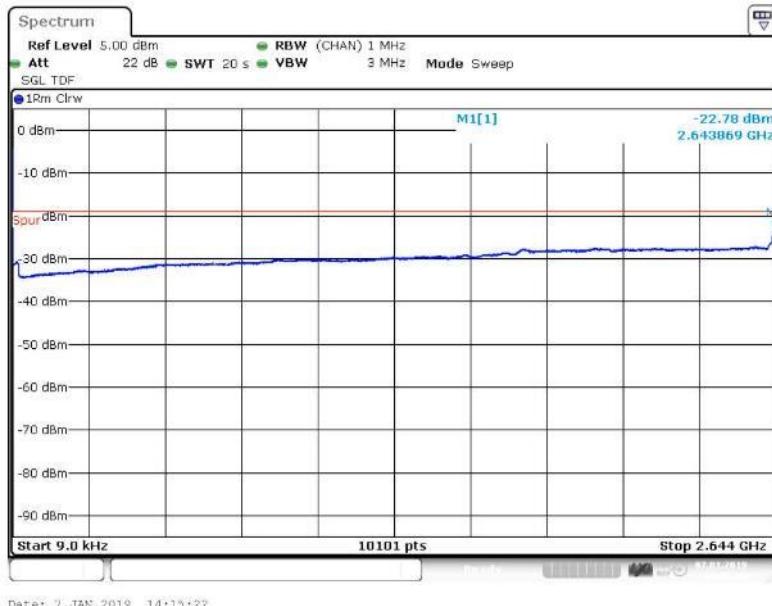
Figure 82 Spurious Emissions (Upper Band Edge) – 16QAM (2680 MHz, 20 MHz Channel BW)



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

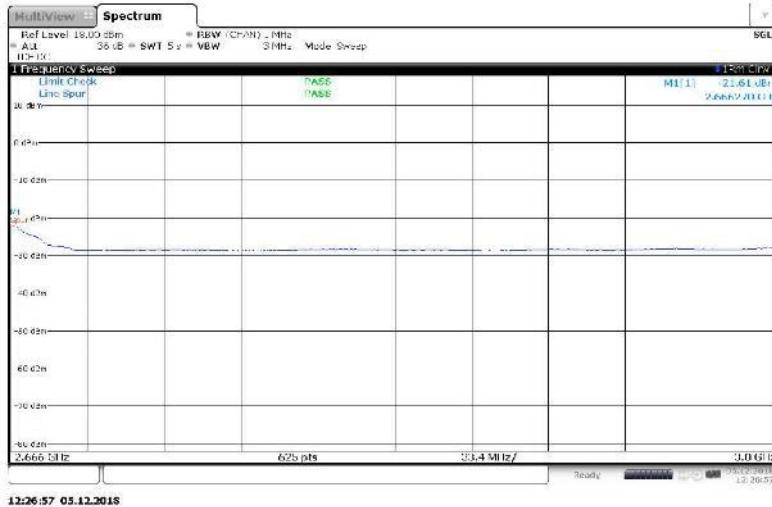


Figure 84 Spurious Emissions (2.666 GHz – 3 GHz) – 16QAM (2655 MHz, 20 MHz Channel BW)



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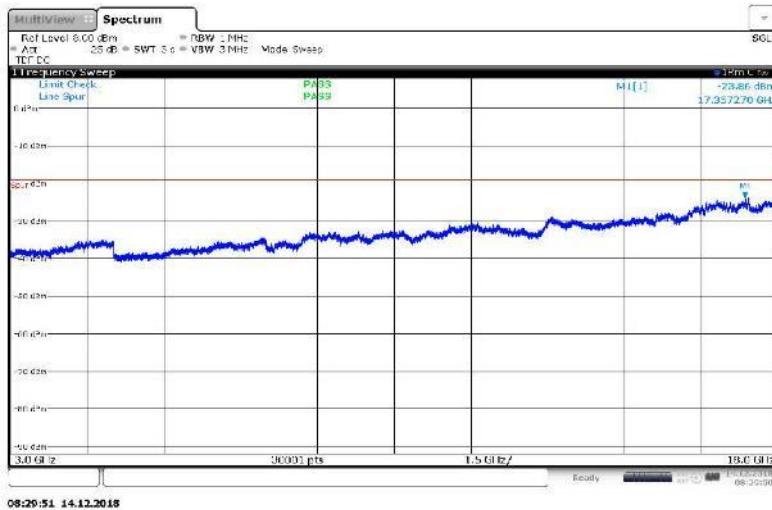


Figure 85 Spurious Emissions (3 GHz – 18GHz) – 16QAM (2655 MHz, 20 MHz Channel BW)

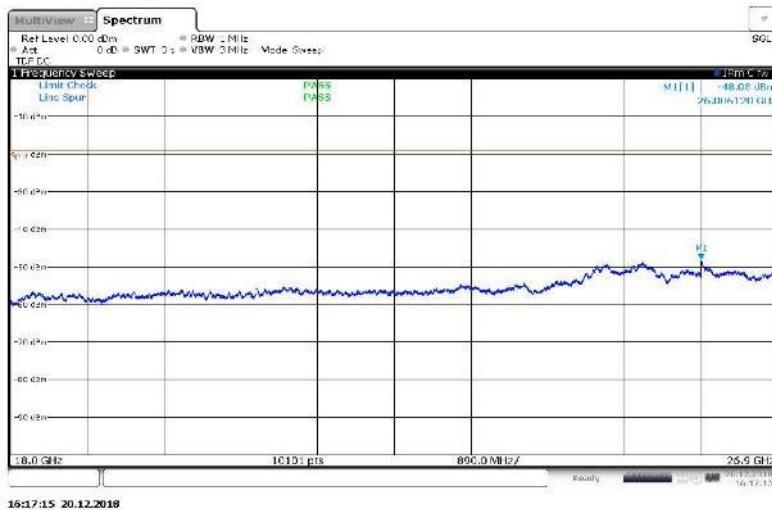


Figure 86 Spurious Emissions (18GHz – 26.9GHz) – 16QAM (2655 MHz, 20 MHz Channel BW)



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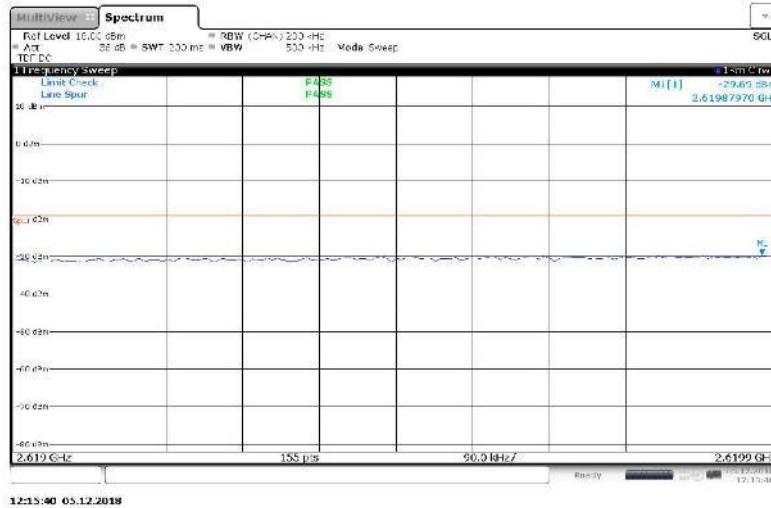


Figure 87 Spurious Emissions (Lower Band Edge) – 64QAM (2630 MHz, 20 MHz Channel BW)



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



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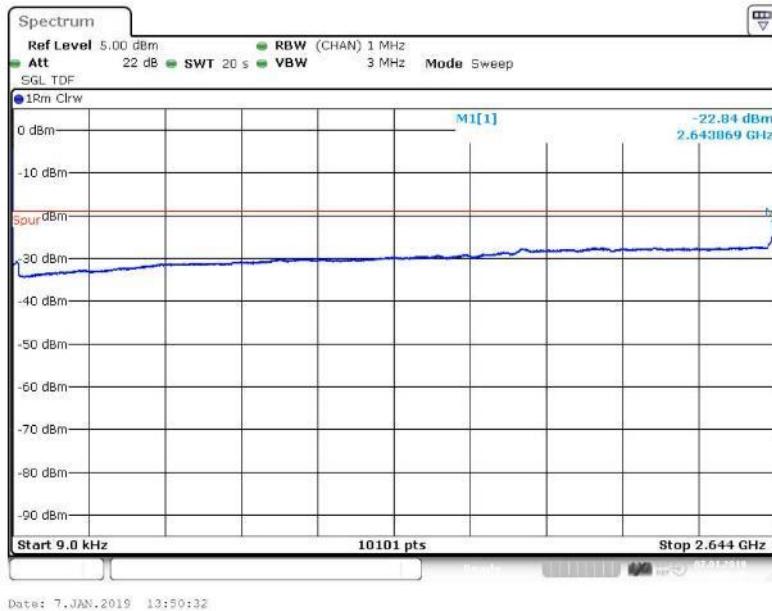


Figure 89 Spurious Emissions (9kHz – 2.644 GHz) – 64QAM (2655 MHz, 20 MHz Channel BW)

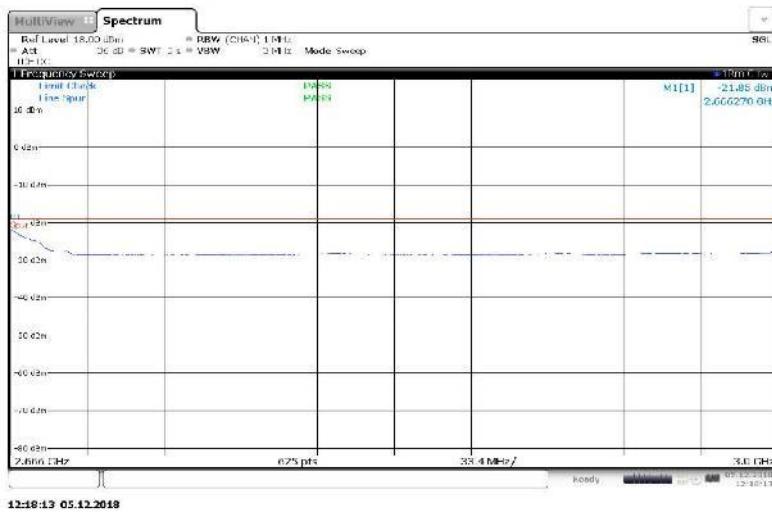


Figure 90 Spurious Emissions (2.666 GHz – 3 GHz) – 64QAM (2655 MHz, 20 MHz Channel BW)



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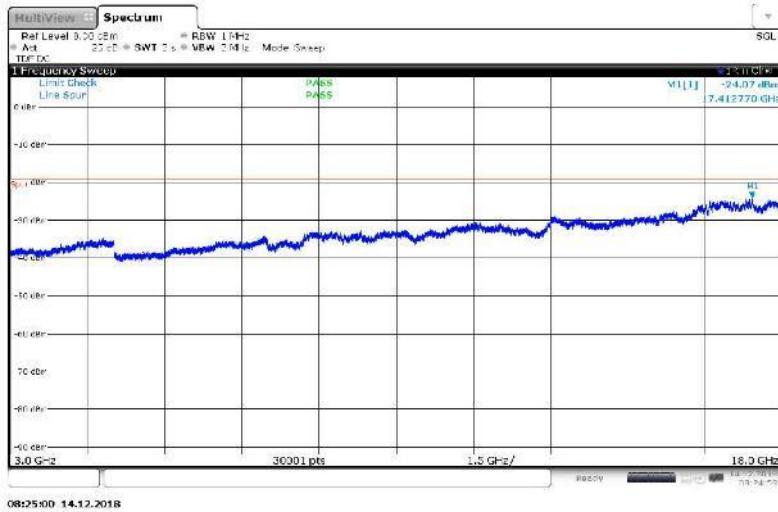


Figure 91 Spurious Emissions (3 GHz – 18GHz) – 64QAM (2655 MHz, 20 MHz Channel BW)

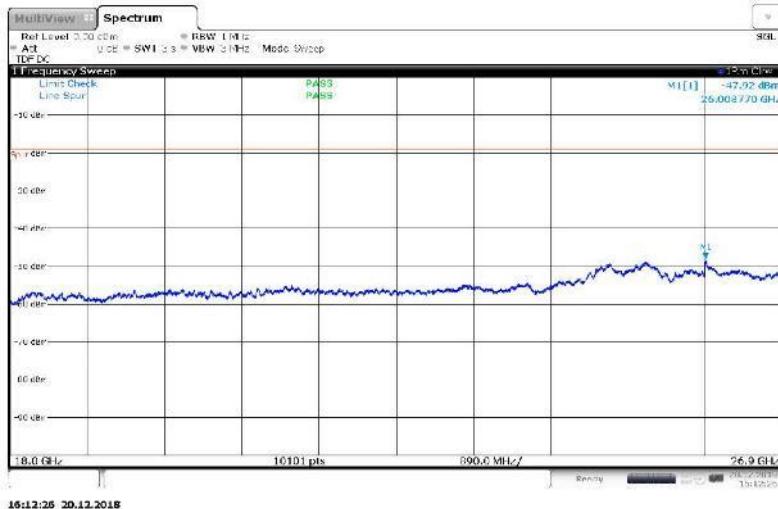


Figure 92 Spurious Emissions (18GHz – 26.9GHz) – 64QAM (2655 MHz, 20 MHz Channel BW)



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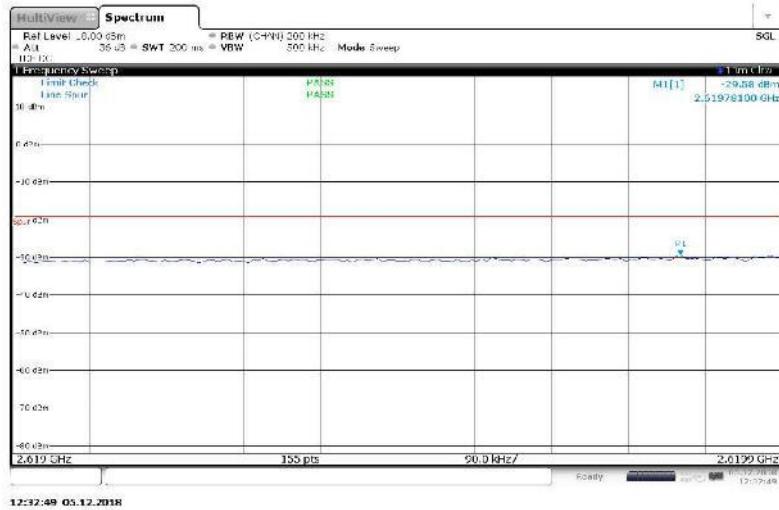


Figure 93 Spurious Emissions (Lower Band Edge) – 256QAM (2630 MHz, 20 MHz Channel BW)

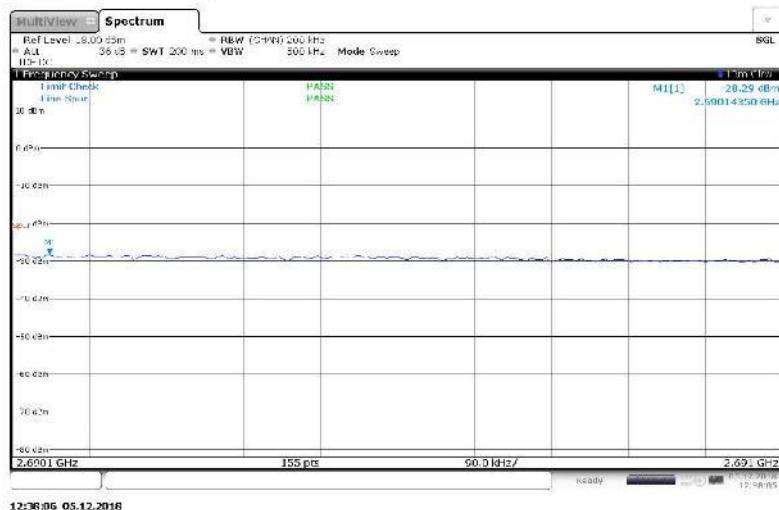


Figure 94 Spurious Emissions (Upper Band Edge) – 256QAM (2680 MHz, 20 MHz Channel BW)



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 IC ID: 661AI-AHHB

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D568352794

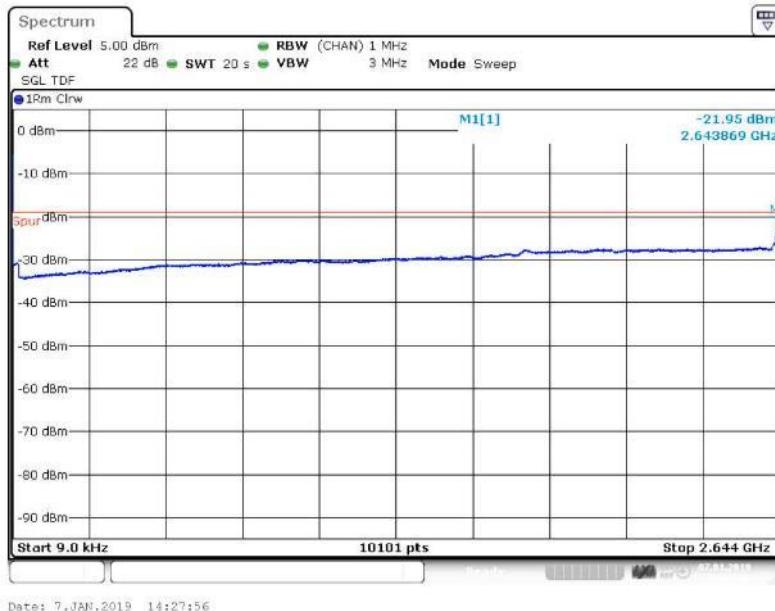


Figure 95 Spurious Emissions (9kHz – 2.644 GHz) – 256QAM (2655 MHz, 20 MHz Channel BW)



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



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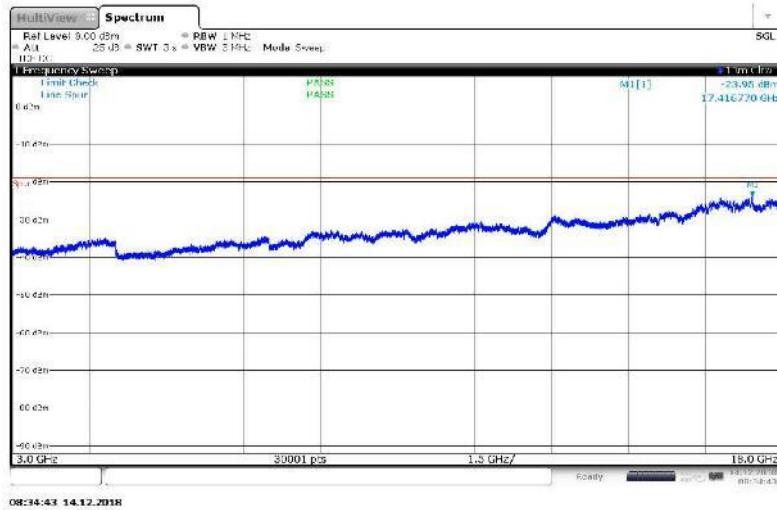


Figure 97 Spurious Emissions (3 GHz – 18GHz) – 256QAM (2655 MHz, 20 MHz Channel BW)

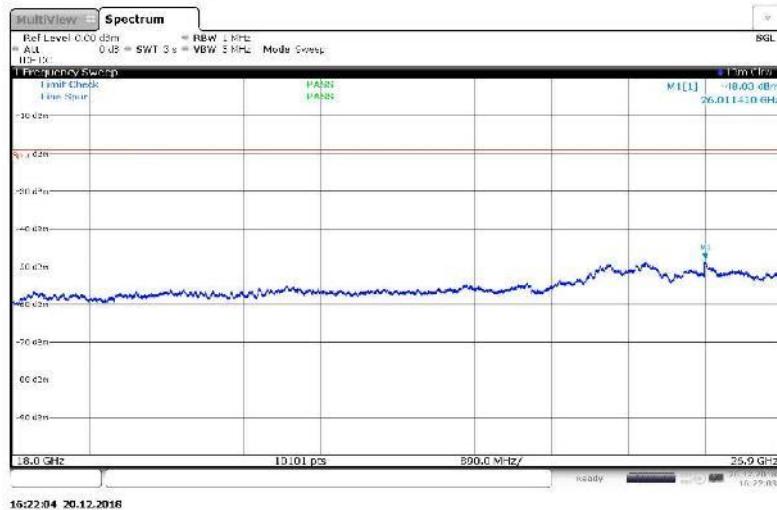


Figure 98 Spurious Emissions (18GHz – 26.9GHz) – 256QAM (2655 MHz, 20 MHz Channel BW)

Config E ANT2:



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FCC ID: VBNAIHB-01
IC ID: 661AI-AHHB

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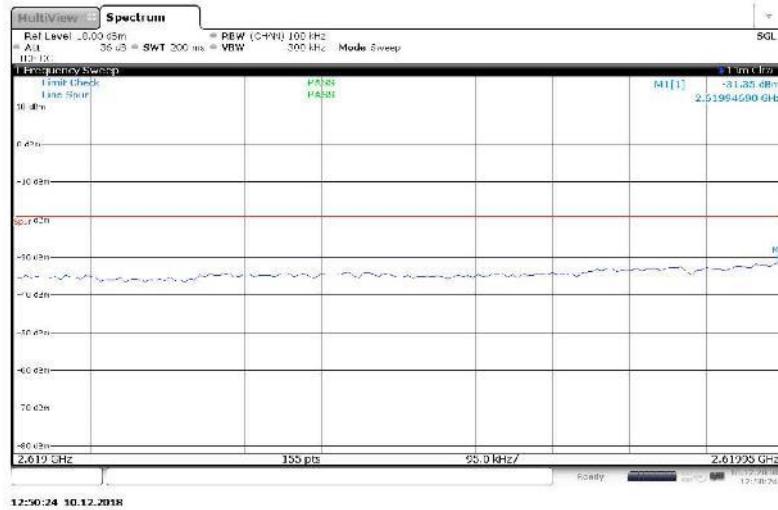


Figure 99 Spurious Emissions (Lower Band Edge) – QPSK (2622.5 MHz, 2627.5 MHz, 2x5 MHz Channel BW)

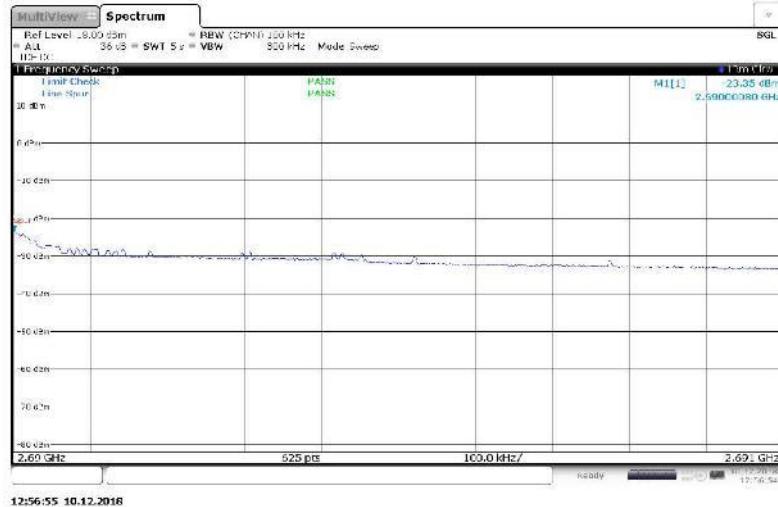


Figure 100 Spurious Emissions (Upper Band Edge) – QPSK (2682.5 MHz, 2687.5 MHz, 2x5 MHz Channel BW)



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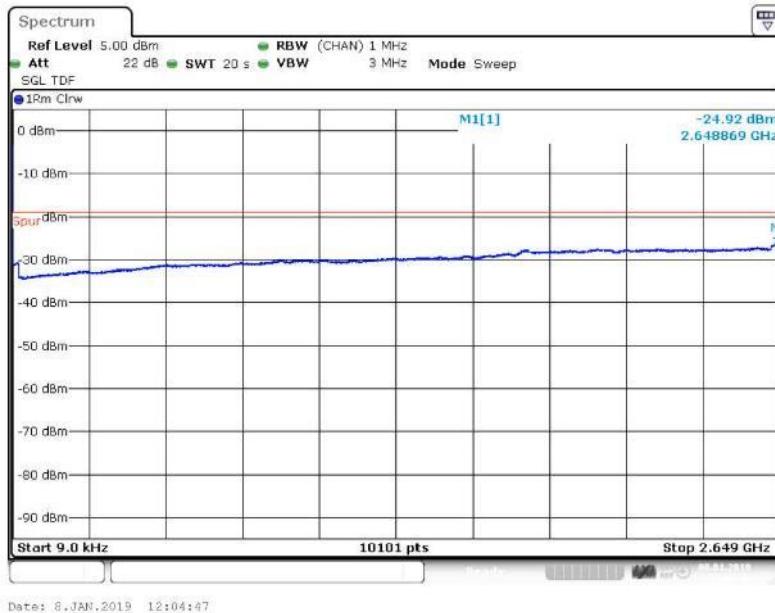


Figure 101 Spurious Emissions (9kHz – 2.649GHz) – QPSK (2652.5 MHz, 2657.5 MHz, 2x5 MHz Channel BW)



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



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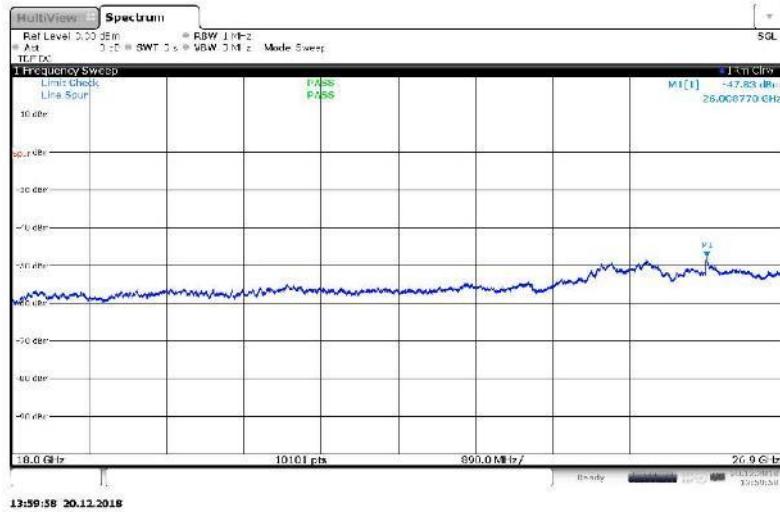


Figure 103 Spurious Emissions (3 GHz – 18GHz) – QPSK (2652.5 MHz, 2657.5 MHz, 2x5 Channel BW)

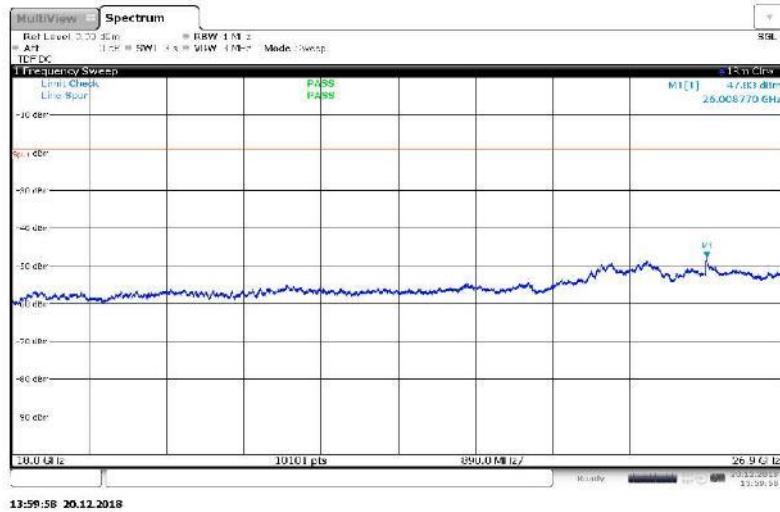


Figure 104 Spurious Emissions (18GHz – 26.9GHz) – QPSK (2652.5 MHz, 2657.5 MHz, 2x5 Channel BW)



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 IC ID: 661AI-AHHB

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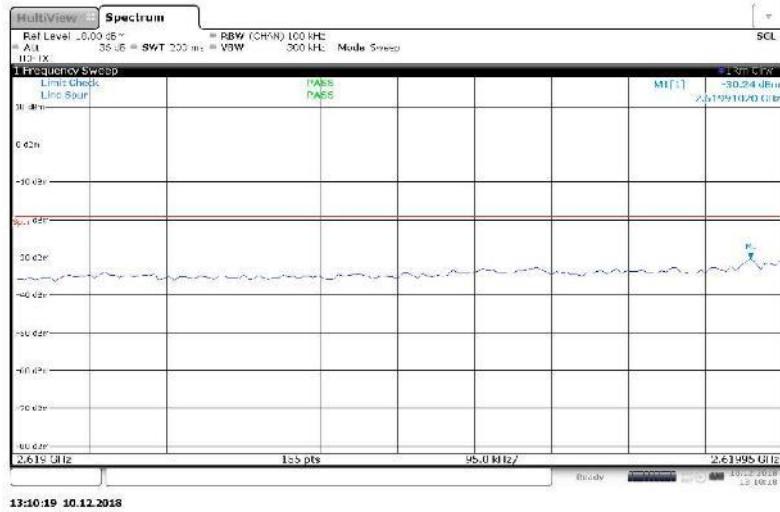


Figure 105 Spurious Emissions (Lower Band Edge) – 16QAM (2622.5 MHz, 2627.5 MHz, 2x5 MHz Channel BW)

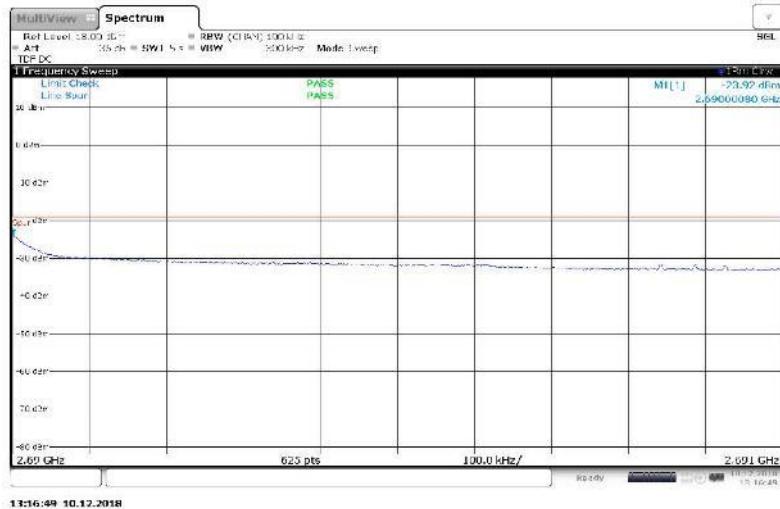


Figure 106 Spurious Emissions (Upper Band Edge) – 16QAM (2682.5 MHz, 2687.5 MHz, 2x5 MHz Channel BW)



Product Service

FCC ID: VBNAHIIIB-01
 IC ID: 661AI-AHHB

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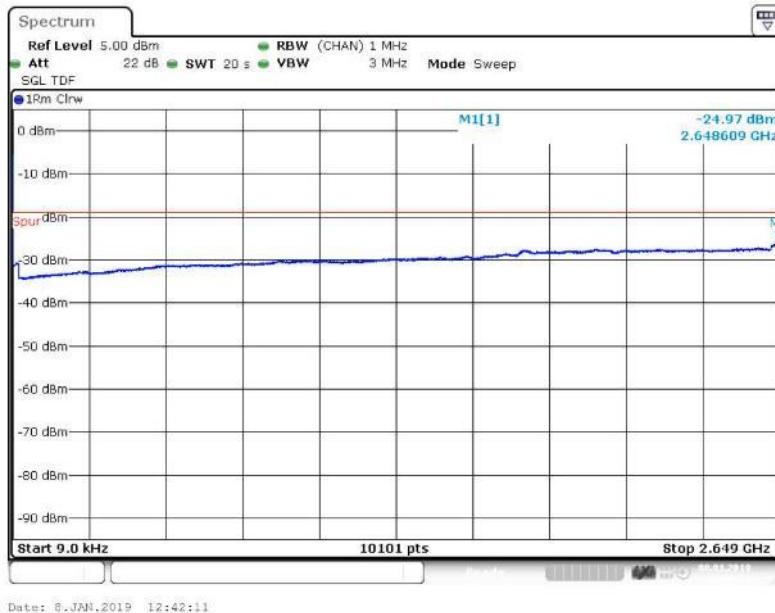


Figure 107 Spurious Emissions (9kHz – 2.649GHz) – 16QAM (2652.5 MHz, 2657.5 MHz, 2x5 MHz Channel BW)

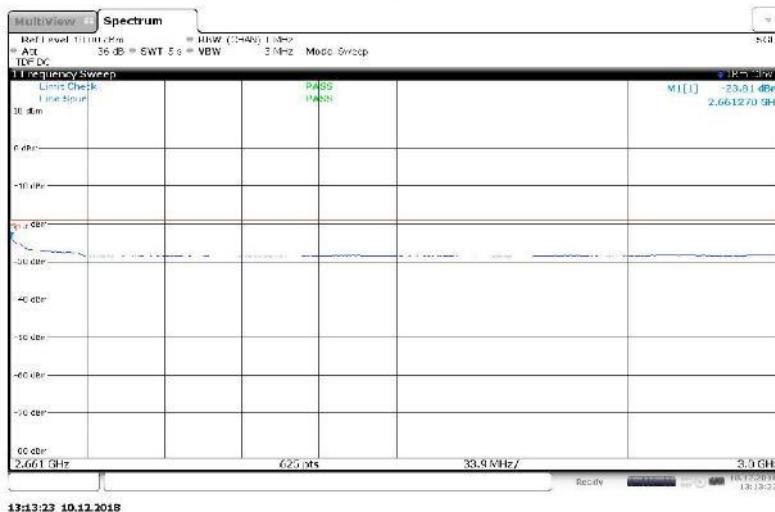


Figure 108 Spurious Emissions (2.661 GHz – 3 GHz) – 16QAM (2652.5 MHz, 2657.5 MHz, 2x5 Channel BW)



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FCC ID: VBNAHIIIB-01
 IC ID: 661AI-AHHB

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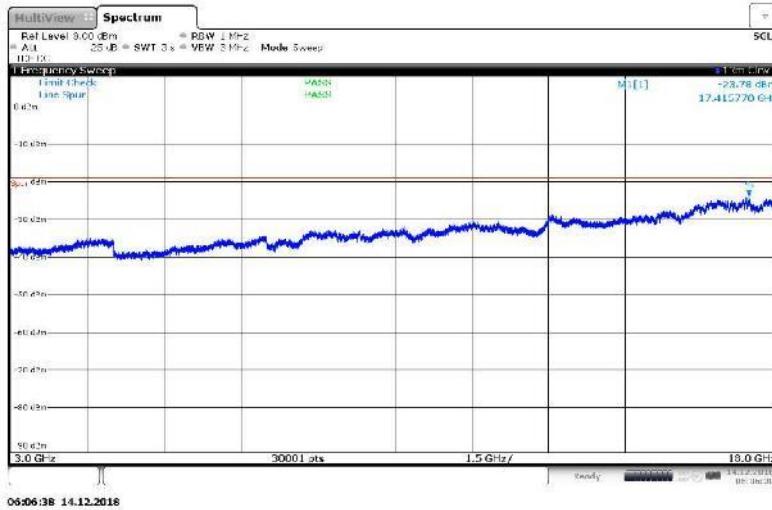


Figure 109 Spurious Emissions (3 GHz – 18GHz) – 16QAM (2652.5 MHz, 2657.5 MHz, 2x5 Channel BW)

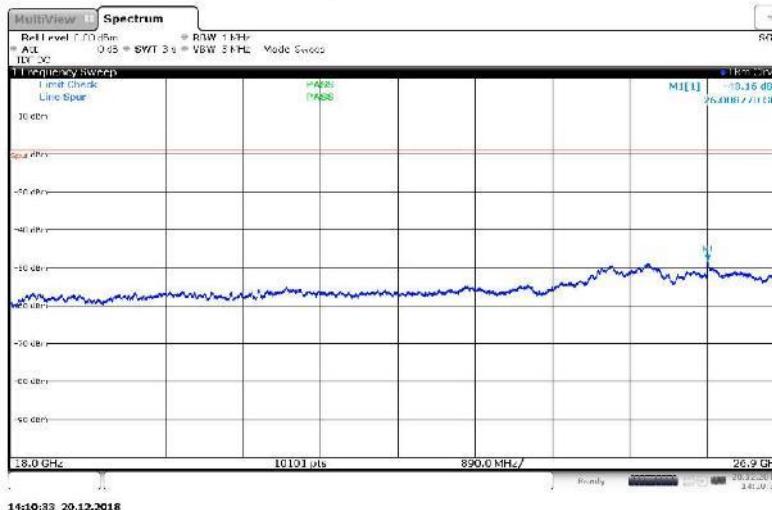


Figure 110 Spurious Emissions (18GHz – 26.9GHz) – 16QAM (2652.5 MHz, 2657.5 MHz, 2x5 Channel BW)



Product Service

FCC ID: VBNAHIIIB-01
 IC ID: 661AI-AHHB

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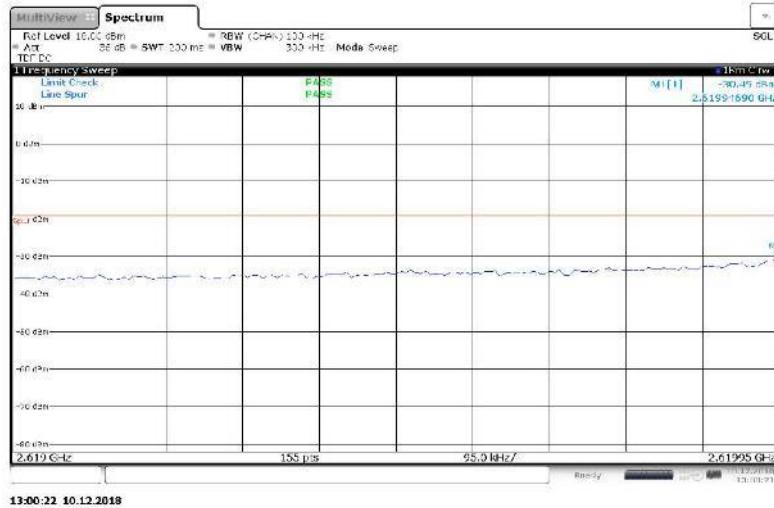


Figure 111 Spurious Emissions (Lower Band Edge) – 64QAM (2622.5 MHz, 2627.5 MHz, 2x5 MHz Channel BW)

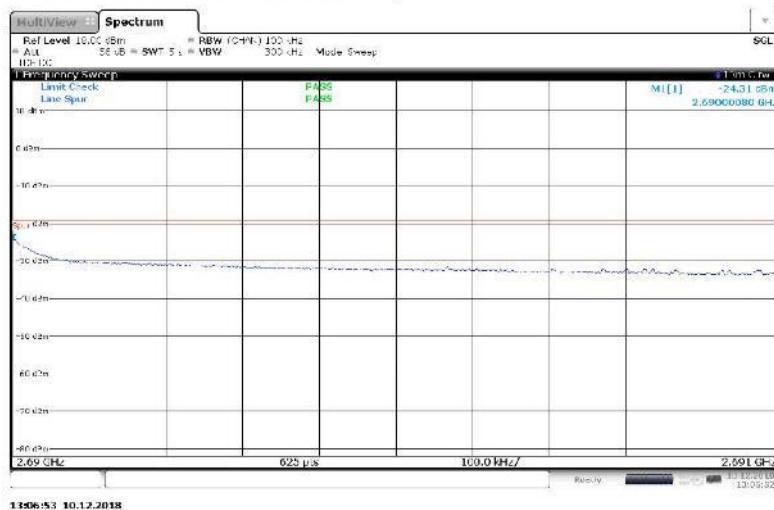


Figure 112 Spurious Emissions (Upper Band Edge) – 64QAM (2682.5 MHz, 2687.5 MHz, 2x5 MHz Channel BW)



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FCC ID: VBNAHIIIB-01
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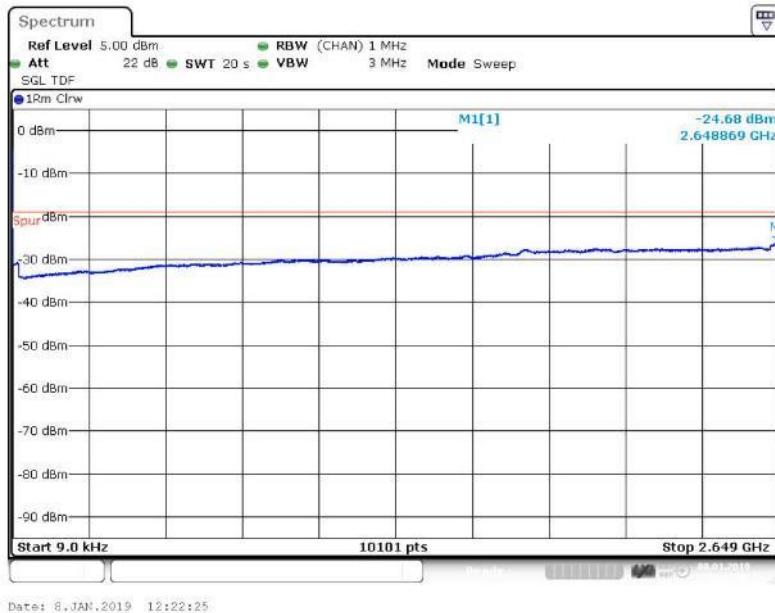


Figure 113 Spurious Emissions (9kHz – 2.649GHz) – 64QAM (2652.5 MHz, 2657.5 MHz, 2x5 MHz Channel BW)

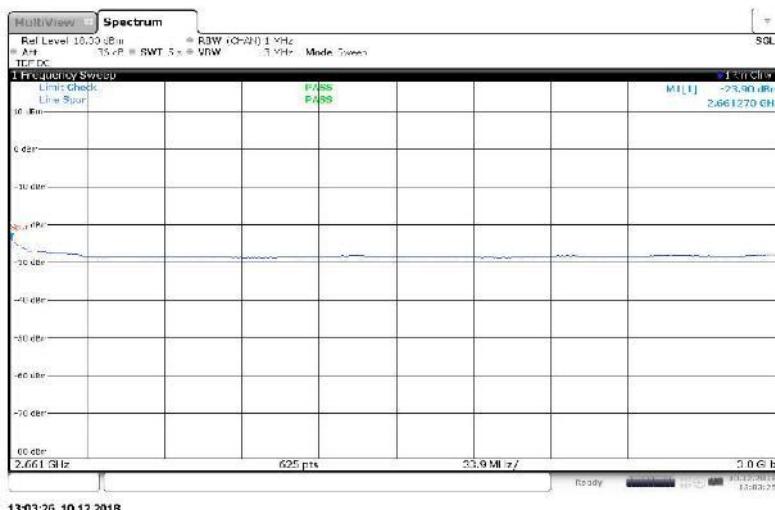


Figure 114 Spurious Emissions (2.661 GHz – 3 GHz) – 64QAM (2652.5 MHz, 2657.5 MHz, 2x5 Channel BW)



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 IC ID: 661AI-AHHB

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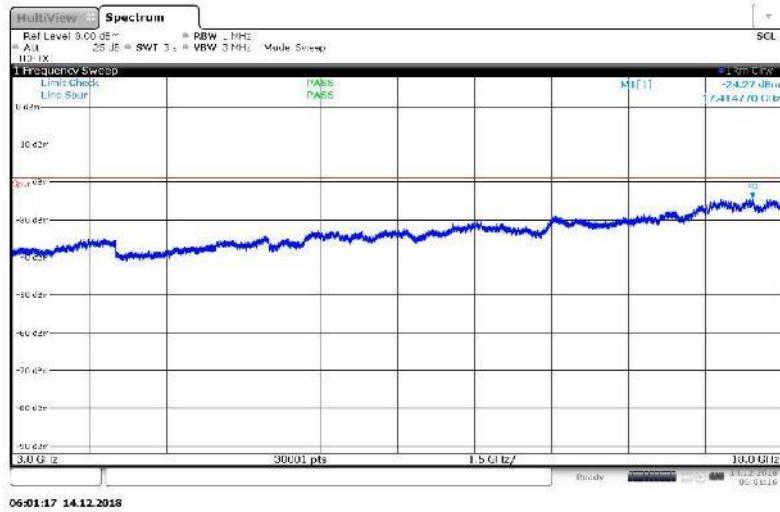


Figure 115 Spurious Emissions (3 GHz – 18GHz) – 64QAM (2652.5 MHz, 2657.5 MHz, 2x5 Channel BW)

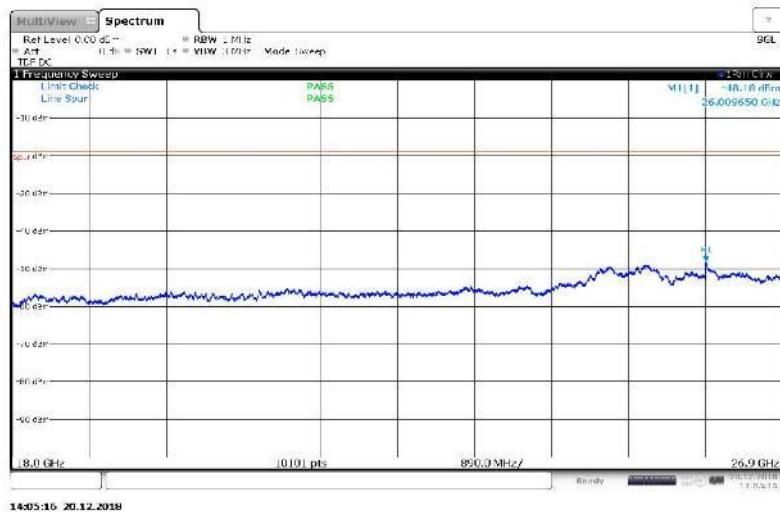


Figure 116 Spurious Emissions (18GHz – 26.9GHz) – 64QAM (2652.5 MHz, 2657.5 MHz, 2x5 Channel BW)



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 IC ID: 661AI-AHHB

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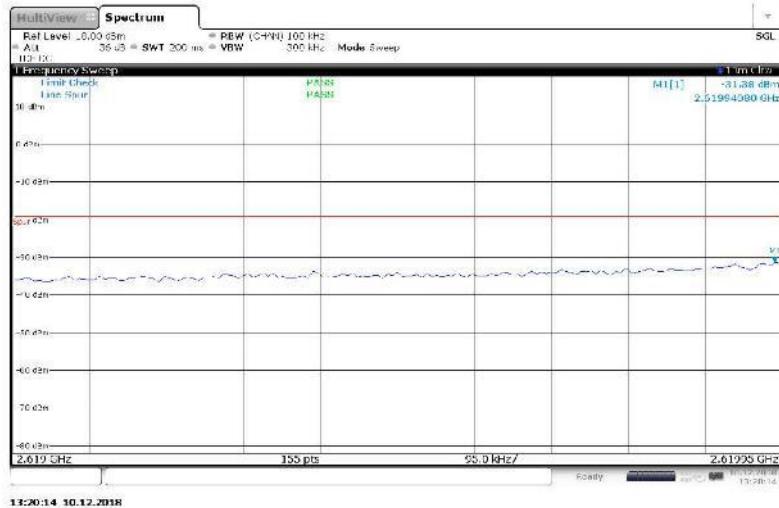


Figure 117 Spurious Emissions (Lower Band Edge) – 256QAM (2622.5 MHz, 2627.5 MHz, 2x5 MHz Channel BW)

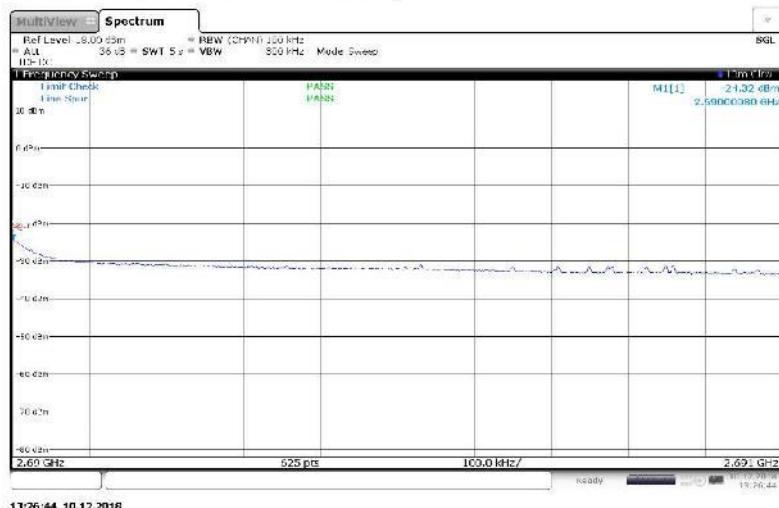


Figure 118 Spurious Emissions (Upper Band Edge) – 256QAM (2682.5 MHz, 2687.5 MHz, 2x5 MHz Channel BW)



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 IC ID: 661AI-AHHB

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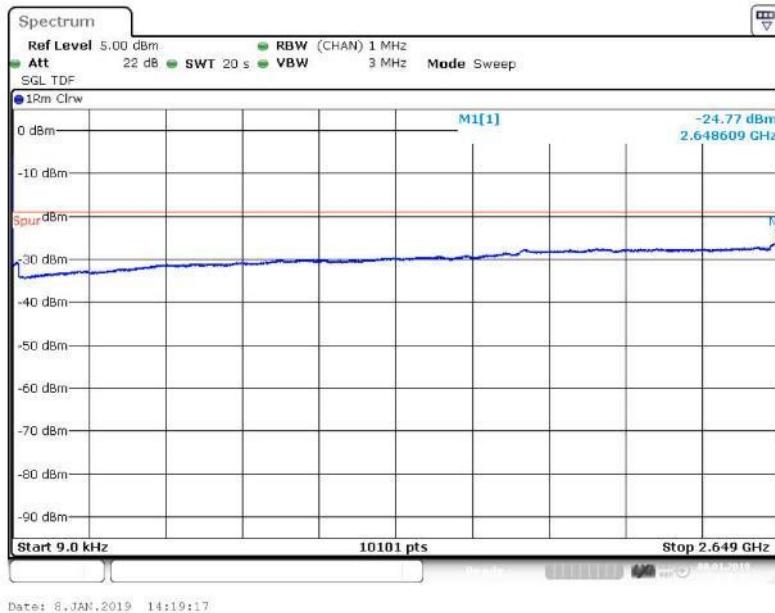


Figure 119 Spurious Emissions (9kHz – 2.649GHz) – 256QAM (2652.5 MHz, 2657.5 MHz, 2x5 MHz Channel BW)

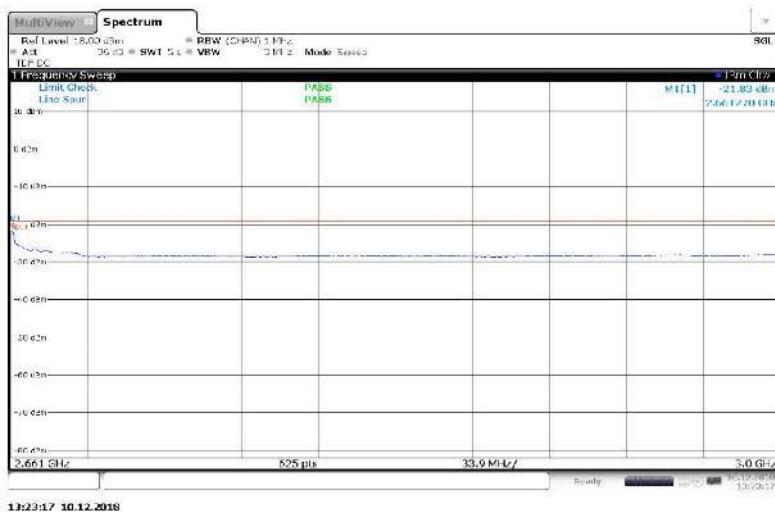


Figure 120 Spurious Emissions (2.661 GHz – 3 GHz) – 256QAM (2652.5 MHz, 2657.5 MHz, 2x5 Channel BW)

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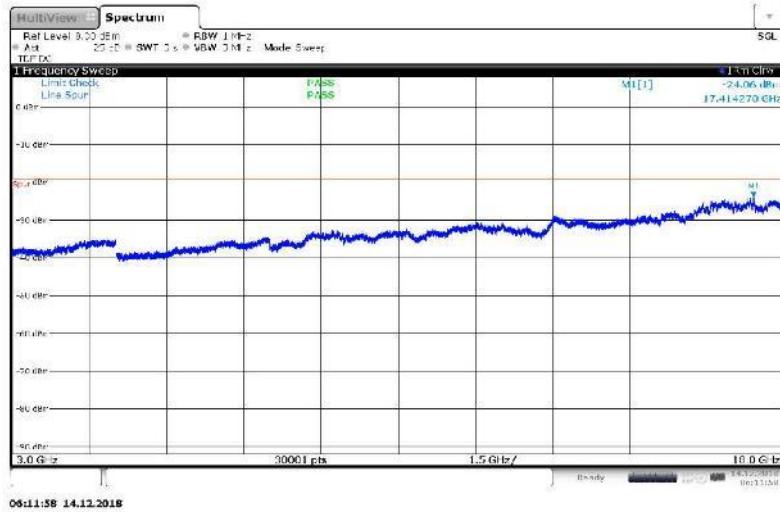


Figure 121 Spurious Emissions (3 GHz – 18GHz) – 256QAM (2652.5 MHz, 2657.5 MHz, 2x5 Channel BW)

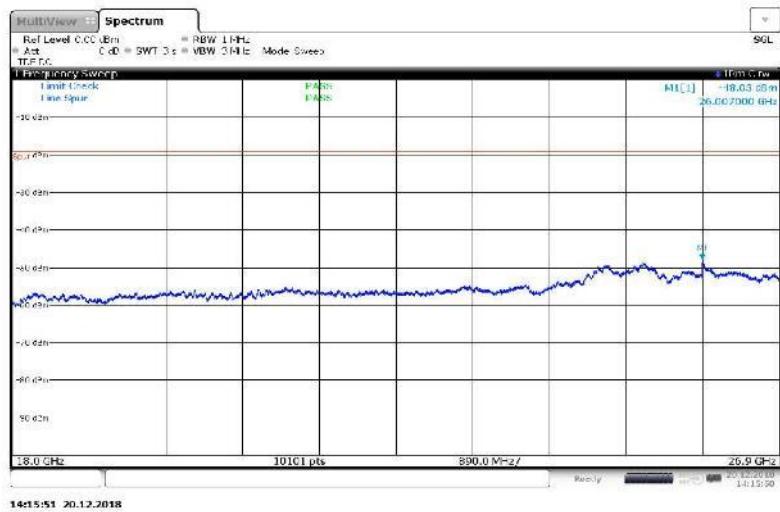


Figure 122 Spurious Emissions (18GHz – 26.9GHz) – 256QAM (2652.5 MHz, 2657.5 MHz, 2x5 Channel BW)



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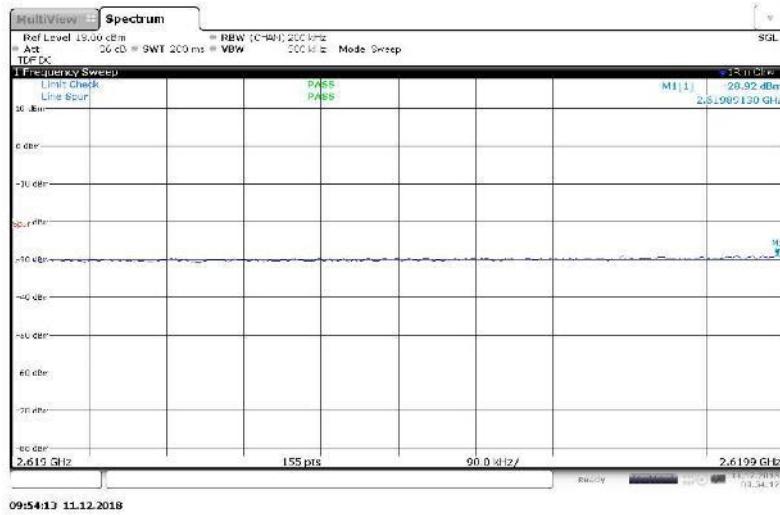


Figure 123 Spurious Emissions (Lower Band Edge) – QPSK (2625 MHz, 2635 MHz, 2x10 MHz Channel BW)



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



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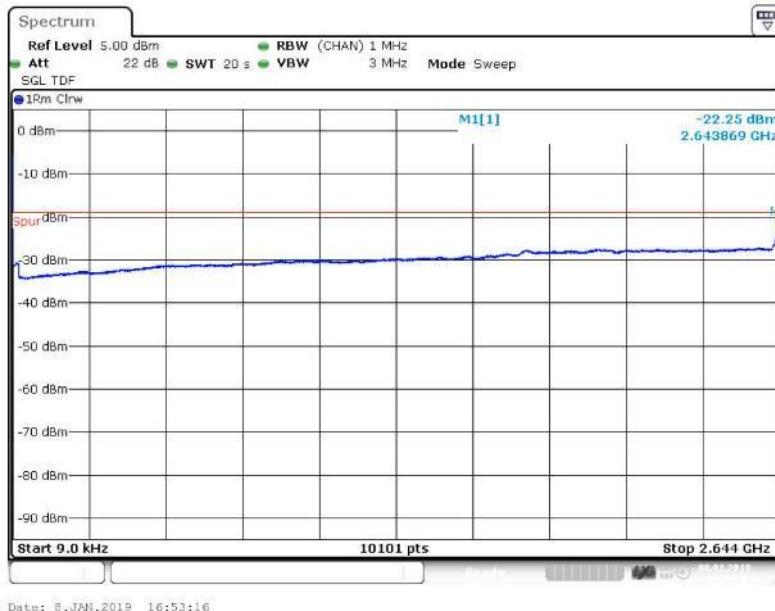


Figure 125 Spurious Emissions (9kHz – 2.644GHz) – QPSK (2650 MHz, 2660 MHz, 2x10 MHz Channel BW)



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



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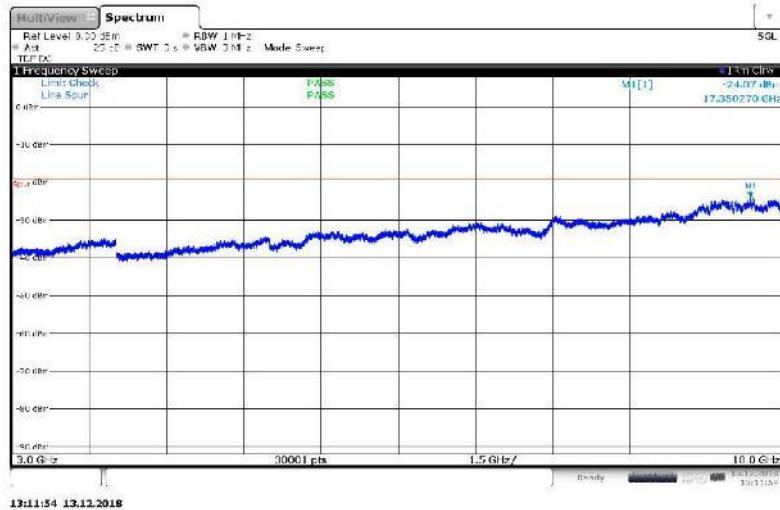


Figure 127 Spurious Emissions (3 GHz – 18GHz) – QPSK (2650 MHz, 2660 MHz, 2x10 Channel BW)

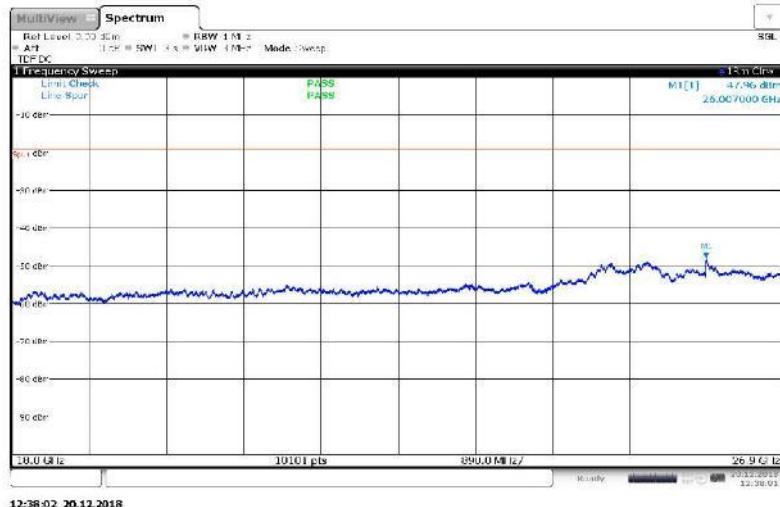


Figure 128 Spurious Emissions (18GHz – 26.9GHz) – QPSK (2650 MHz, 2660 MHz, 2x10 Channel BW)



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 IC ID: 661AI-AHHB

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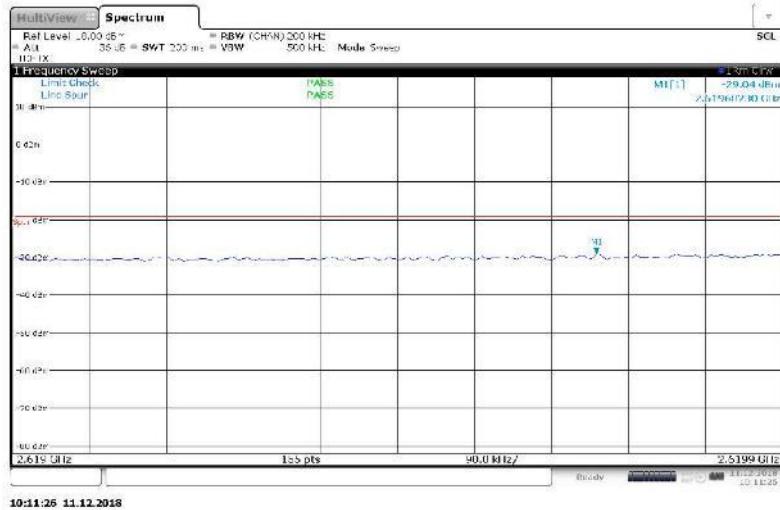


Figure 129 Spurious Emissions (Lower Band Edge) – 16QAM (2625 MHz, 2635 MHz, 2x10 MHz Channel BW)

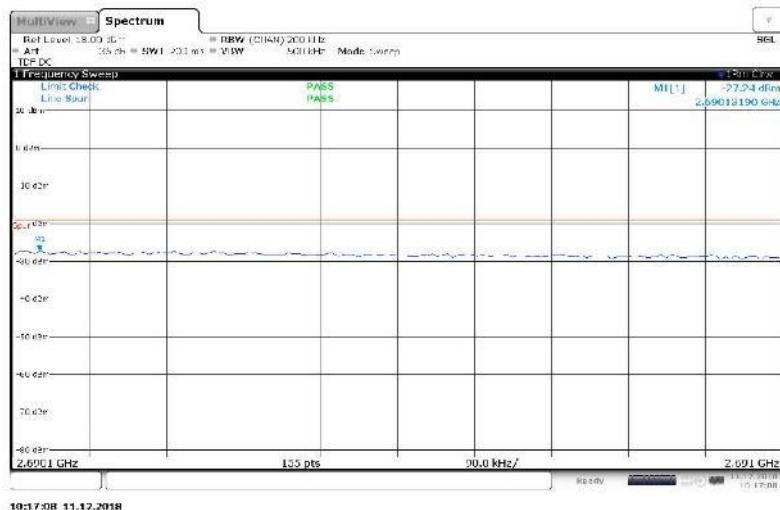


Figure 130 Spurious Emissions (Upper Band Edge) – 16QAM (2675 MHz, 2685 MHz, 2x10 MHz Channel BW)