

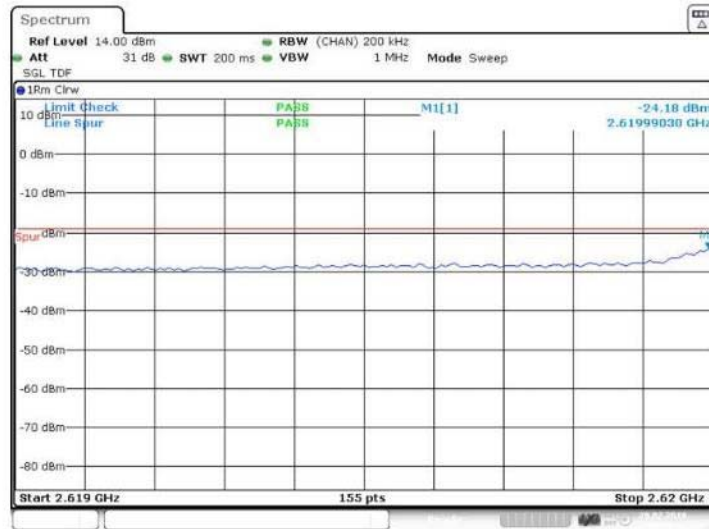


Product Service

FCC ID: VBNAHBB-01
IC ID: 661AI-AHBB

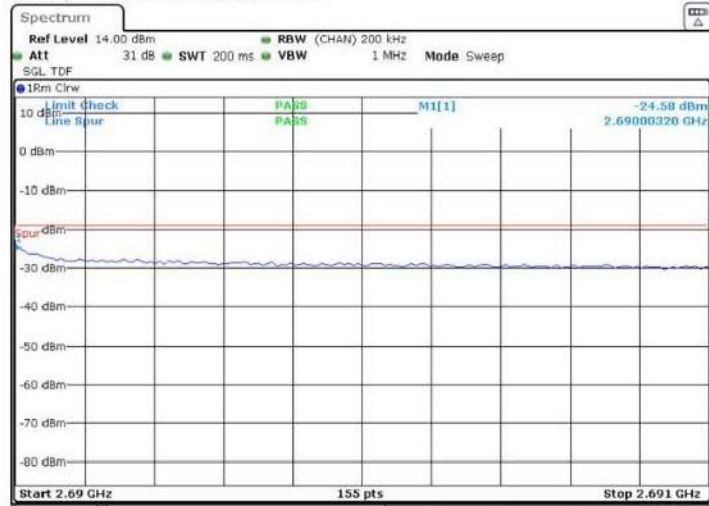
Test Report No:
D564660096

Config F ANT2:



Date: 28.FEB.2018 07:54:41

Figure 165 Spurious Emissions (Lower Band Edge) – QPSK (2625 MHz, 2635 MHz, 2x10 MHz Channel BW)



Date: 28.FEB.2018 10:54:01

Figure 166 Spurious Emissions (Upper Band Edge) – QPSK (2675 MHz, 2685 MHz, 2x10 MHz Channel BW)

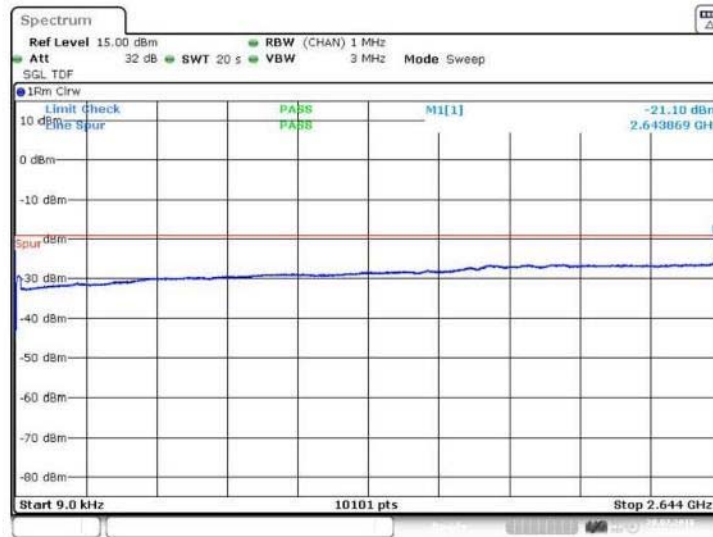
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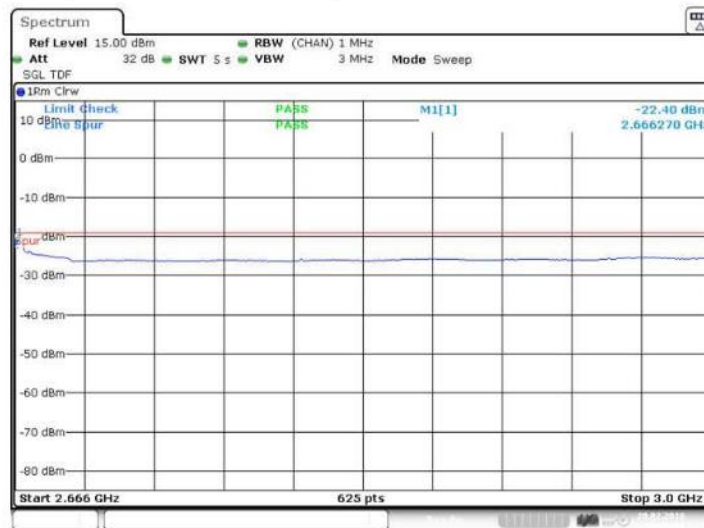
FCC ID: VBNAHBB-01
IC ID: 661AI-AHBB

Test Report No:
D564660096



Date: 28.FEB.2018 09:44:38

Figure 167 Spurious Emissions (9kHz – 2.644GHz) – QPSK (2650 MHz, 2660 MHz, 2x10 MHz Channel BW)



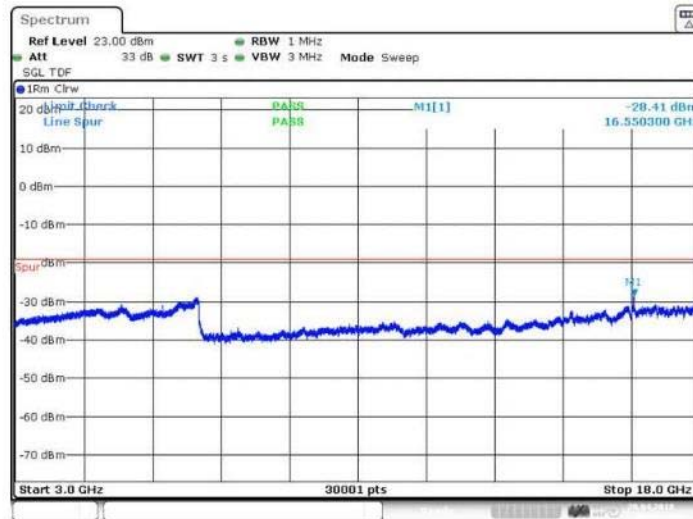
Date: 28.FEB.2018 09:43:56

Figure 168 Spurious Emissions (2.666 GHz – 3 GHz) – QPSK (2650 MHz, 2660 MHz, 2x10 Channel BW)



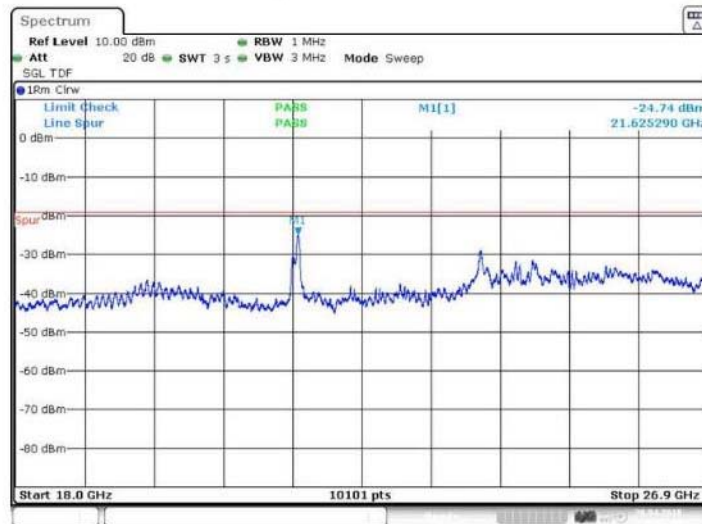
FCC ID: VBNAHBB-01
IC ID: 661AI-AHBB

Test Report No:
D564660096



Date: 20.APR.2018 08:05:26

Figure 169 Spurious Emissions (3 GHz – 18GHz) – QPSK (2650 MHz, 2660 MHz, 2x10 Channel BW)



Date: 20.APR.2018 08:05:15

Figure 170 Spurious Emissions (18GHz – 26.9GHz) – QPSK (2650 MHz, 2660 MHz, 2x10 Channel BW)



Product Service

FCC ID: VBNAHBB-01
IC ID: 661AI-AHBB

Test Report No:
D564660096

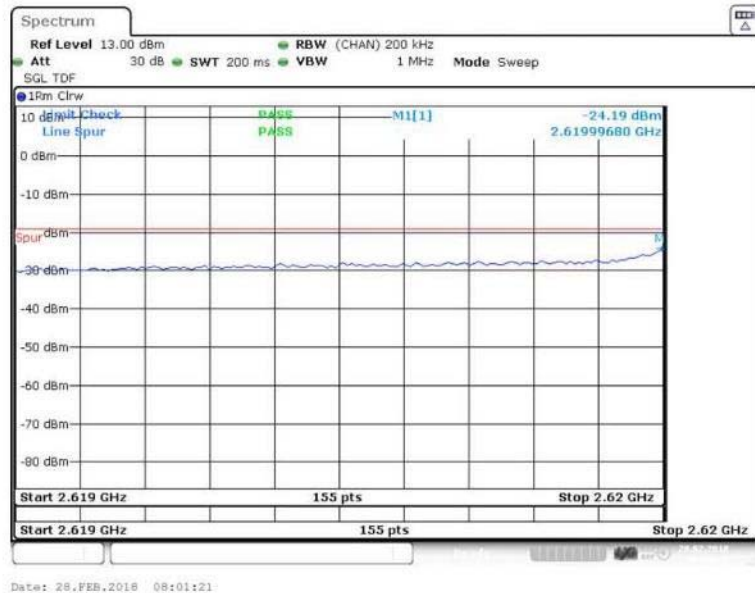


Figure 171 Spurious Emissions (Lower Band Edge) – 16QAM (2625 MHz, 2635 MHz, 2x10 MHz Channel BW)

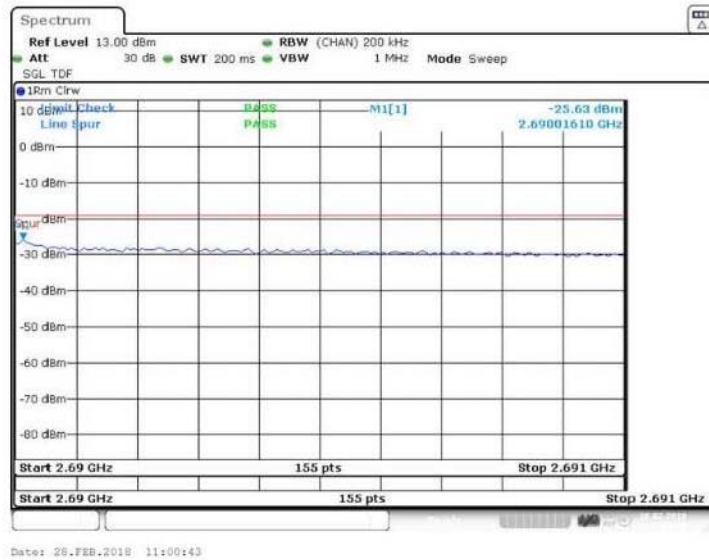
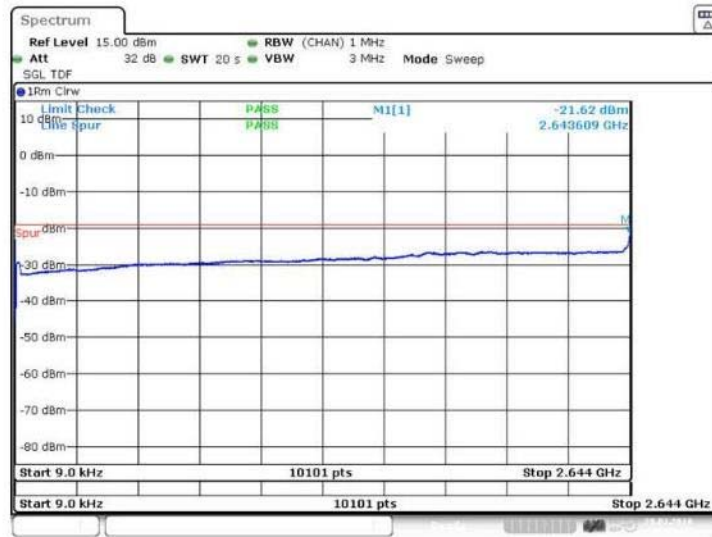


Figure 172 Spurious Emissions (Upper Band Edge) – 16QAM (2675 MHz, 2685 MHz, 2x10 MHz Channel BW)



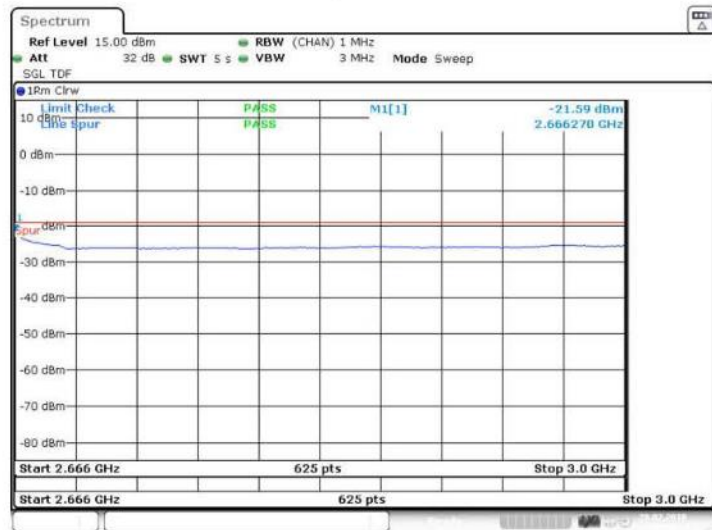
FCC ID: VBNAHBB-01
 IC ID: 661AI-AHBB

Test Report No:
 D564660096



Date: 28.FEB.2018 09:51:17

Figure 173 Spurious Emissions (9kHz – 2.644GHz) – 16QAM (2650 MHz, 2660 MHz, 2x10 MHz Channel BW)



Date: 28.FEB.2018 09:50:34

Figure 174 Spurious Emissions (2.666 GHz – 3 GHz) – 16QAM (2650 MHz, 2660 MHz, 2x10 Channel BW)



FCC ID: VBNAHBB-01
IC ID: 661AI-AHBB

Test Report No:
D564660096

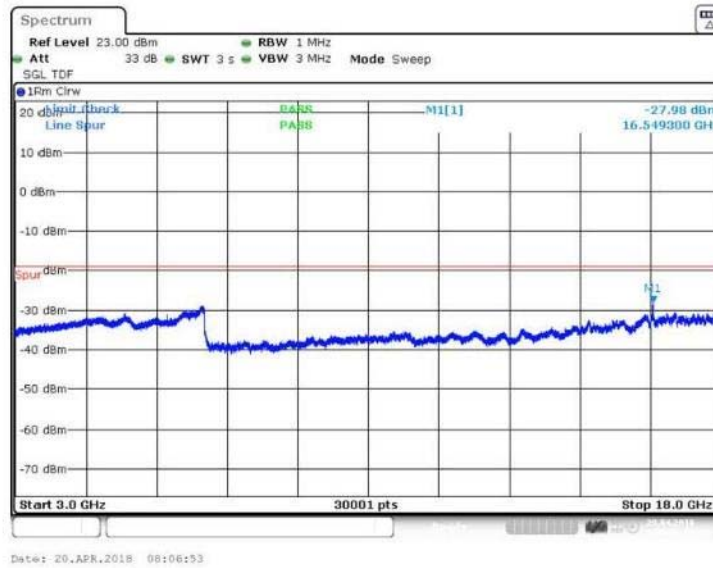


Figure 175 Spurious Emissions (3 GHz – 18GHz) – 16QAM (2650 MHz, 2660 MHz, 2x10 Channel BW)

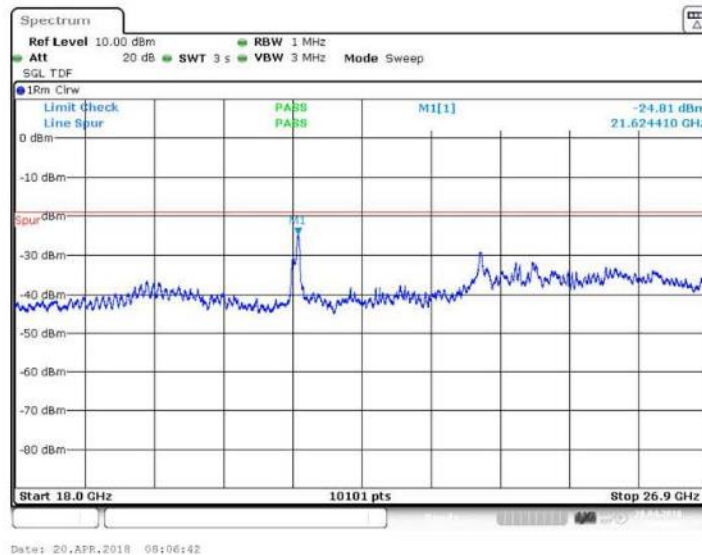


Figure 176 Spurious Emissions (18GHz – 26.9GHz) – 16QAM (2650 MHz, 2660 MHz, 2x10 Channel BW)



Product Service

FCC ID: VBNAHBB-01
IC ID: 661AI-AHBB

Test Report No:
D564660096

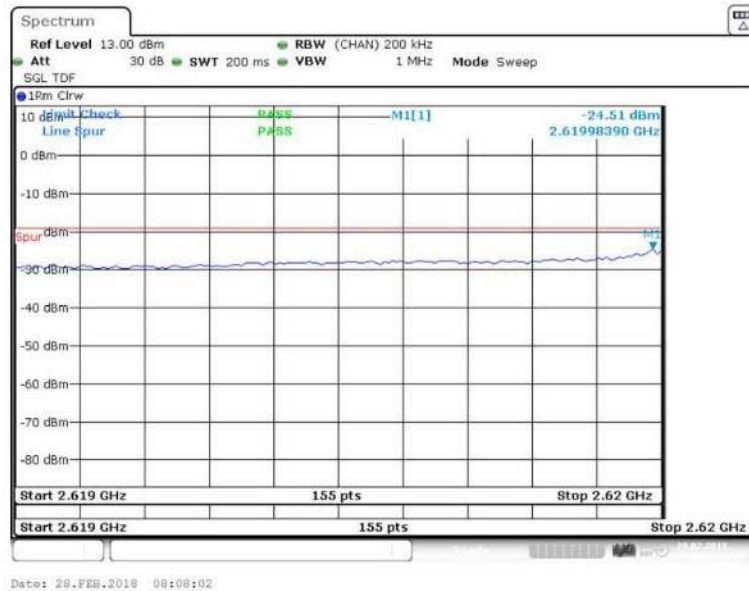


Figure 177 Spurious Emissions (Lower Band Edge) – 64QAM (2625 MHz, 2635 MHz, 2x10 MHz Channel BW)

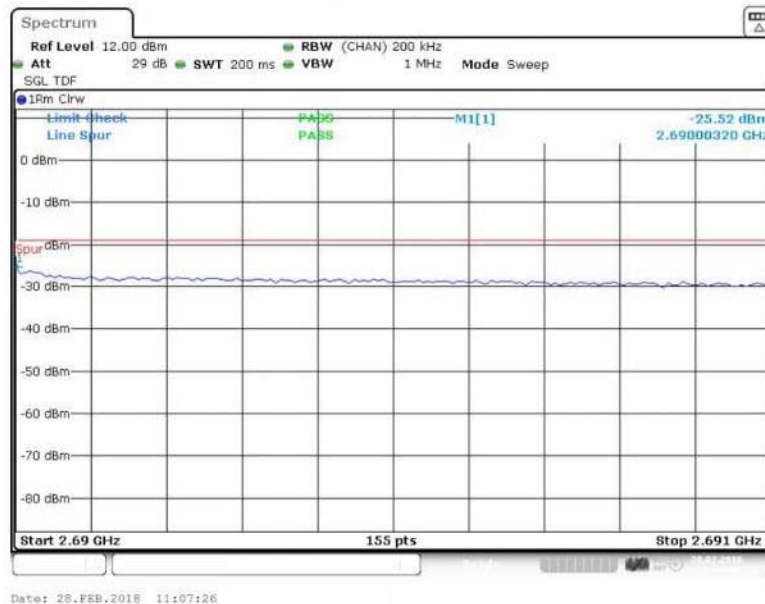


Figure 178 Spurious Emissions (Upper Band Edge) – 64QAM (2675 MHz, 2685 MHz, 2x10 MHz Channel BW)

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FCC ID: VBNAHBB-01
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D564660096

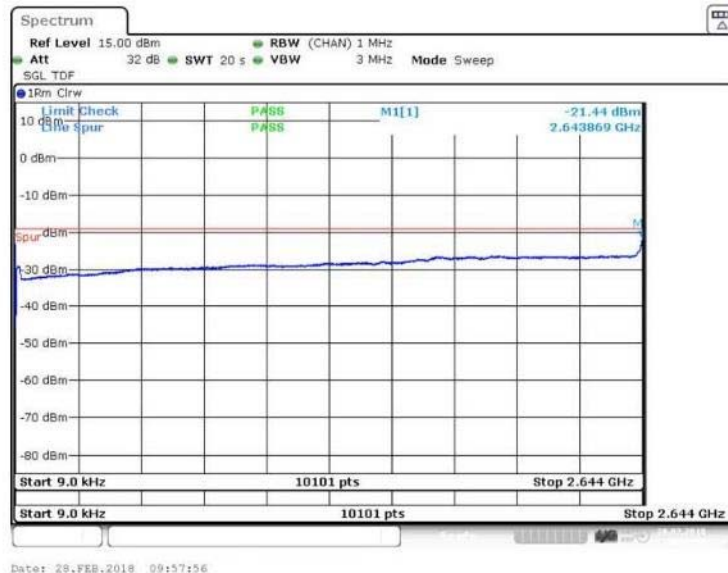


Figure 179 Spurious Emissions (9kHz – 2.644GHz) – 64QAM (2650 MHz, 2660 MHz, 2x10 MHz Channel BW)

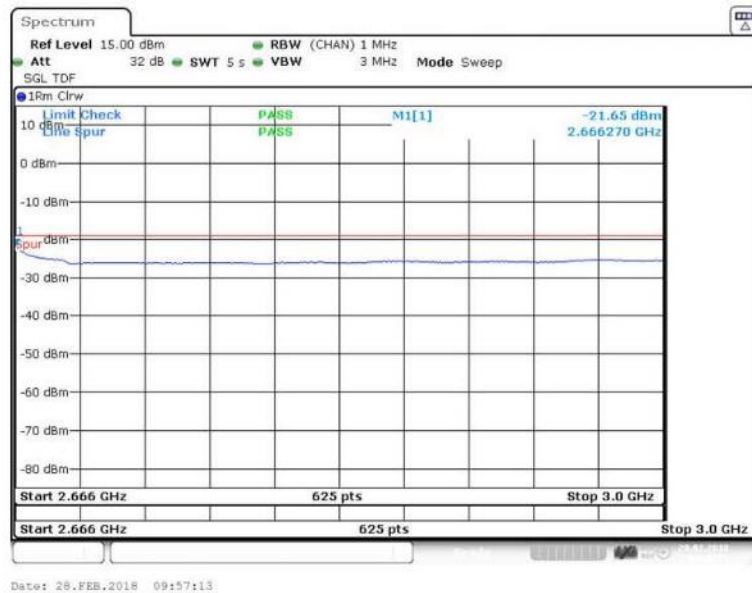


Figure 180 Spurious Emissions (2.666 GHz – 3 GHz) – 64QAM (2650 MHz, 2660 MHz, 2x10 Channel BW)



Product Service

FCC ID: VBNAHBB-01
IC ID: 661AI-AHBB

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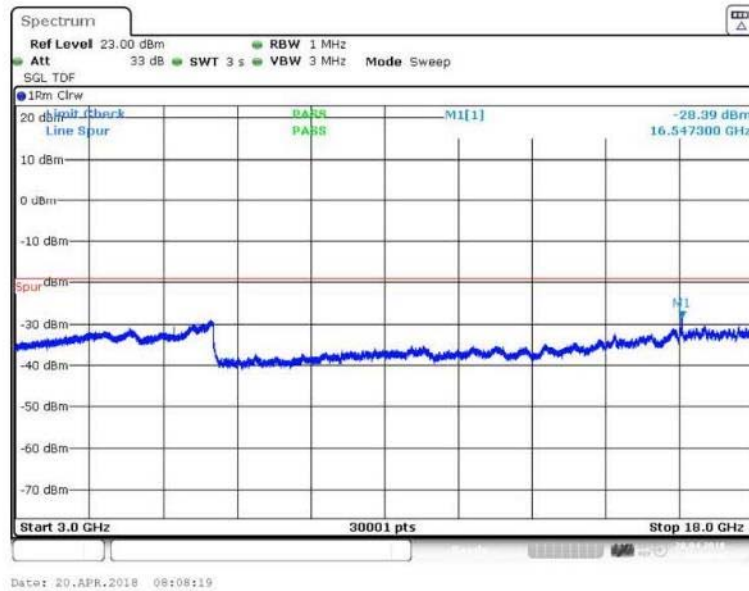


Figure 181 Spurious Emissions (3 GHz – 18GHz) – 64QAM (2650 MHz, 2660 MHz, 2x10 Channel BW)

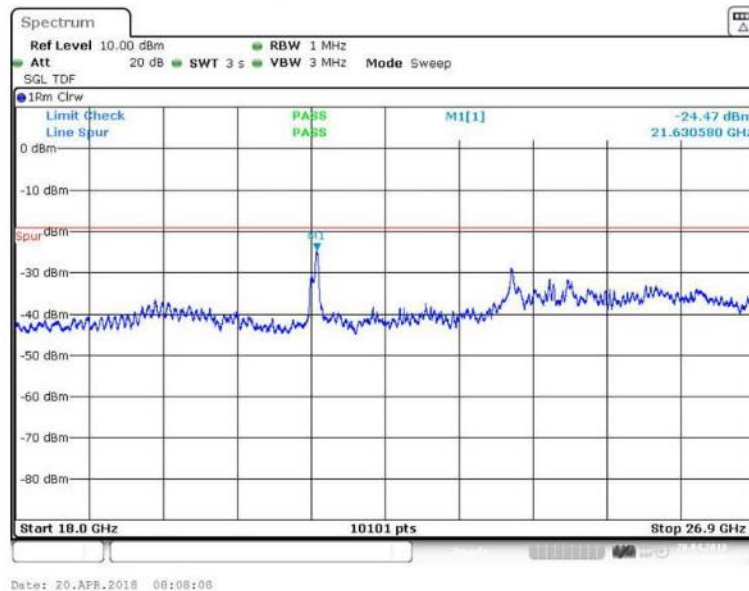


Figure 182 Spurious Emissions (18GHz – 26.9GHz) – 64QAM (2650 MHz, 2660 MHz, 2x10 Channel BW)

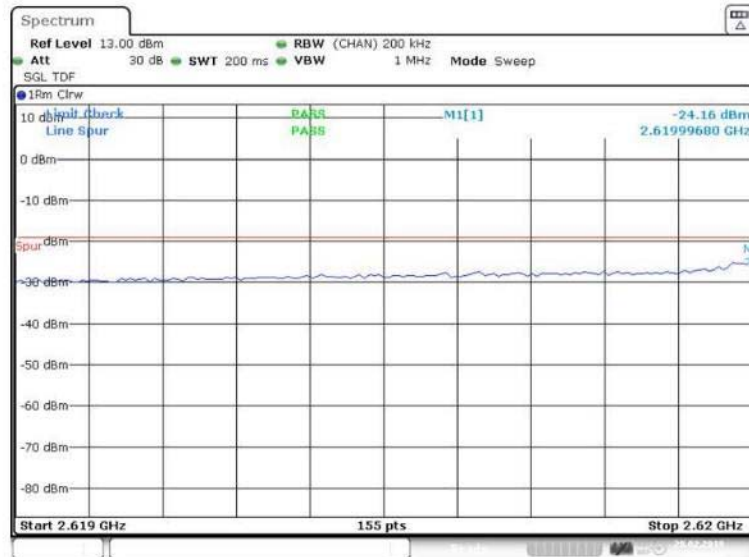
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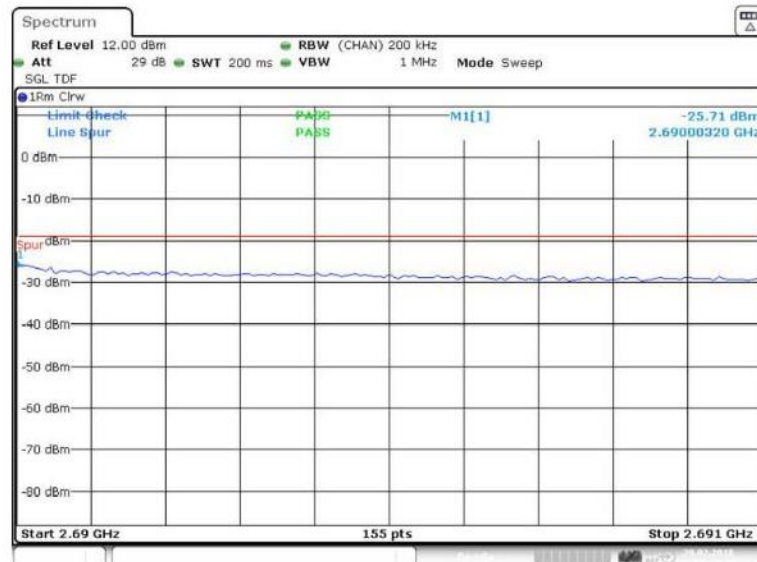
FCC ID: VBNAHBB-01
IC ID: 661AI-AHBB

Test Report No:
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Date: 28.FEB.2018 09:14:41

Figure 183 Spurious Emissions (Lower Band Edge) – 256QAM (2625 MHz, 2635 MHz, 2x10 MHz Channel BW)



Date: 28.FEB.2018 11:14:09

Figure 184 Spurious Emissions (Upper Band Edge) – 256QAM (2675 MHz, 2685 MHz, 2x10 MHz Channel BW)

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(2016)

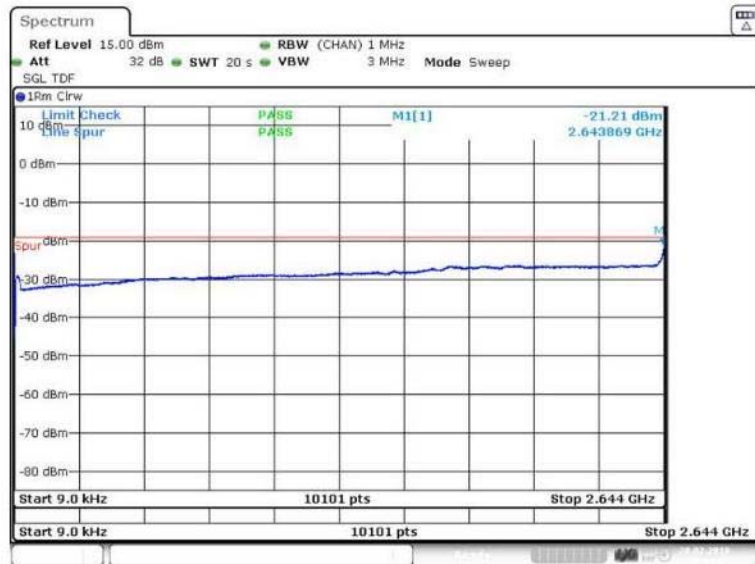
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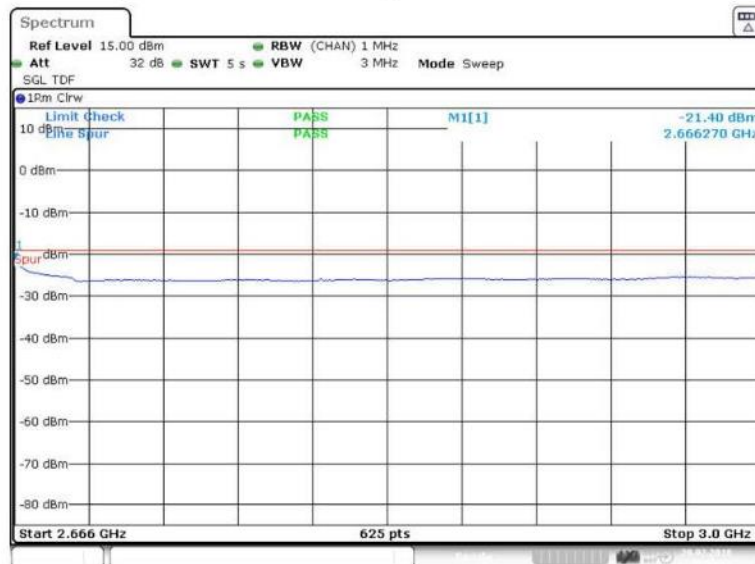
FCC ID: VBNAHBB-01
IC ID: 661AI-AHBB

Test Report No:
D564660096



Date: 28.FEB.2018 10:04:36

Figure 185 Spurious Emissions (9kHz – 2.644GHz) – 256QAM (2650 MHz, 2660 MHz, 2x10 MHz Channel BW)



Date: 28.FEB.2018 10:03:53

Figure 186 Spurious Emissions (2.666 GHz – 3 GHz) – 256QAM (2650 MHz, 2660 MHz, 2x10 Channel BW)

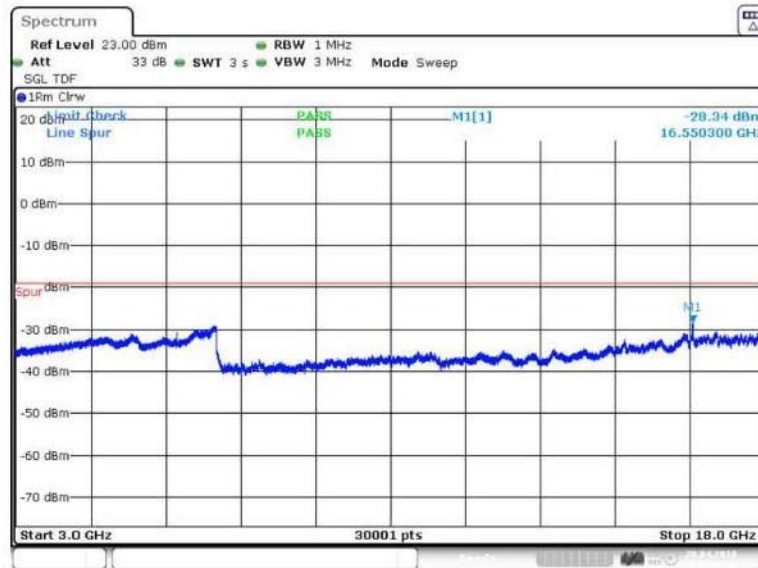
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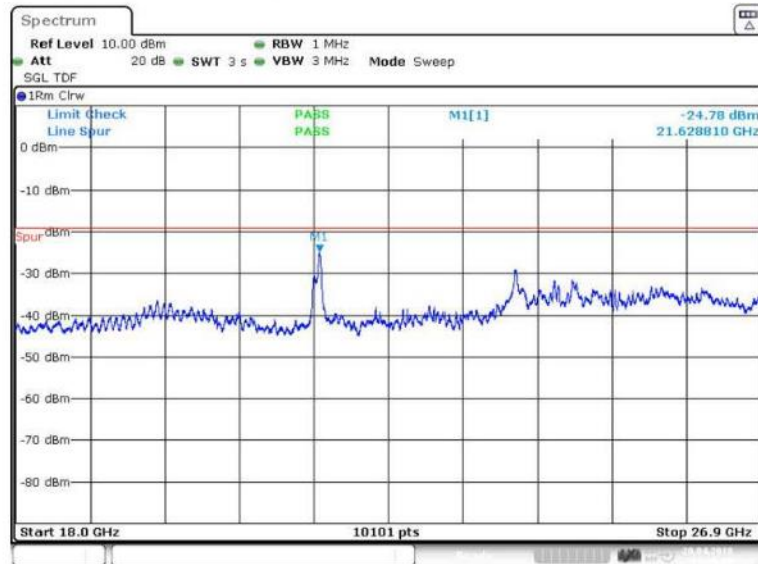
FCC ID: VBNAHBB-01
IC ID: 661AI-AHBB

Test Report No:
D564660096



Date: 20.APR.2018 08:09:45

Figure 187 Spurious Emissions (3 GHz – 18GHz) – 256QAM (2650 MHz, 2660 MHz, 2x10 Channel BW)



Date: 20.APR.2018 08:09:34

Figure 188 Spurious Emissions (18GHz – 26.9GHz) – 256QAM (2650 MHz, 2660 MHz, 2x10 Channel BW)

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FCC ID: VBNAHBB-01
IC ID: 661AI-AHBB

Test Report No:
D564660096

Config G ANT2:

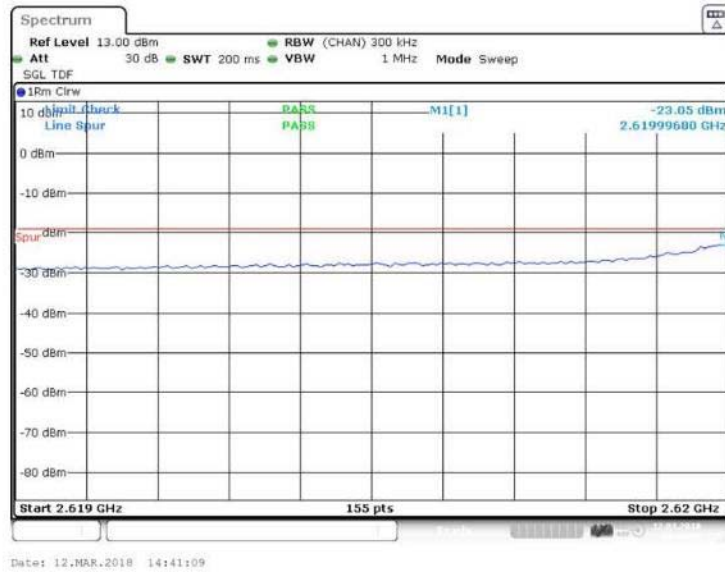


Figure 189 Spurious Emissions (Lower Band Edge) – QPSK (2627.5 MHz, 2642.5 MHz, 2x15 MHz Channel BW)

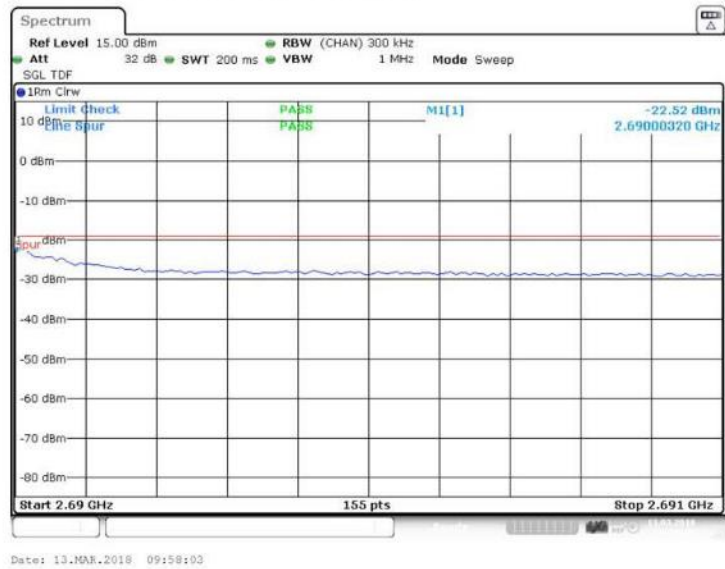


Figure 190 Spurious Emissions (Upper Band Edge) – QPSK (2667.5 MHz, 2682.5 MHz, 2x15 MHz Channel BW)

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(2016)

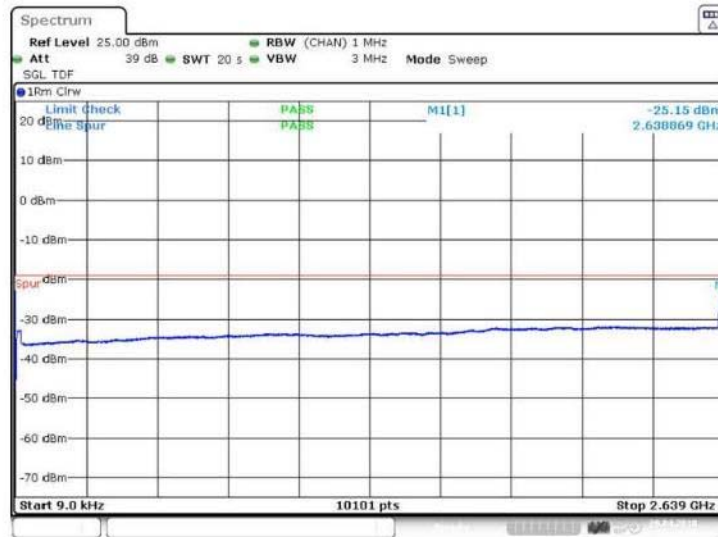
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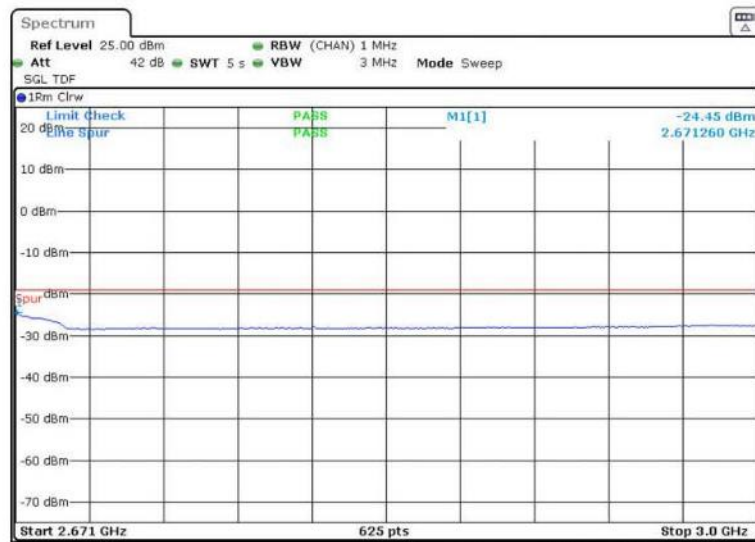
FCC ID: VBNAHBB-01
IC ID: 661AI-AHBB

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D564660096



Date: 20.APR.2018 10:31:00

Figure 191 Spurious Emissions (9kHz – 2.639GHz) – QPSK (2647.5 MHz, 2662.5 MHz, 2x15 MHz Channel BW)



Date: 20.APR.2018 10:30:21

Figure 192 Spurious Emissions (2.671 GHz – 3 GHz) – QPSK (2647.5 MHz, 2662.5 MHz, 2x15 MHz Channel BW)



Product Service

FCC ID: VBNAHBB-01
IC ID: 661AI-AHBB

Test Report No:
D564660096

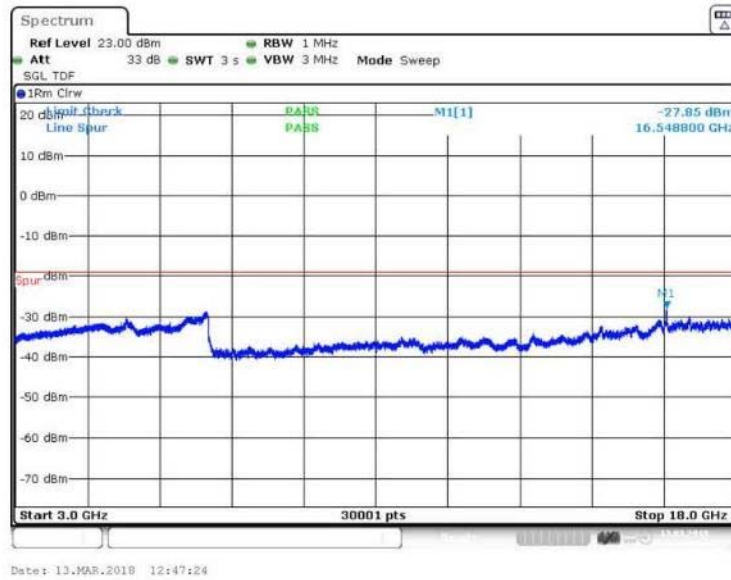


Figure 193 Spurious Emissions (3 GHz – 18GHz) – QPSK (2647.5 MHz, 2662.5 MHz, 2x15 Channel BW)

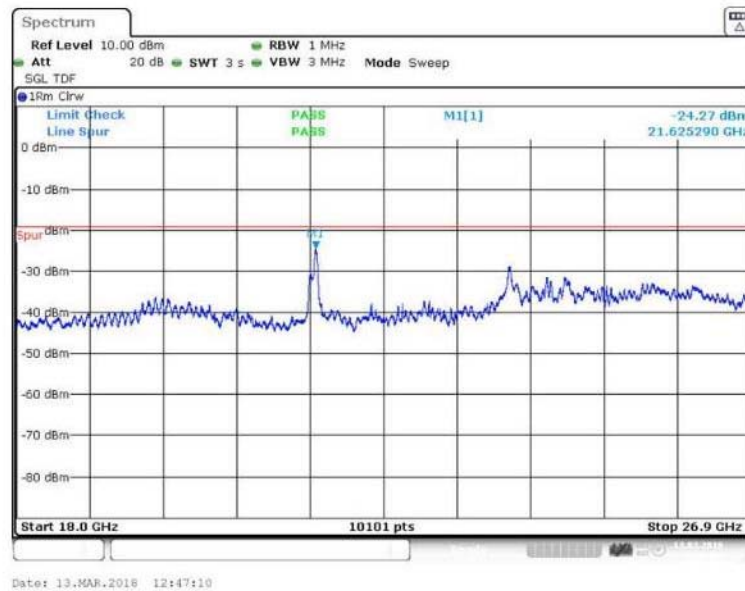


Figure 194 Spurious Emissions (18GHz – 26.9GHz) – QPSK (2647.5 MHz, 2662.5 MHz, 2x15 Channel BW)



Product Service

FCC ID: VBNAHBB-01
IC ID: 661AI-AHBB

Test Report No:
D564660096

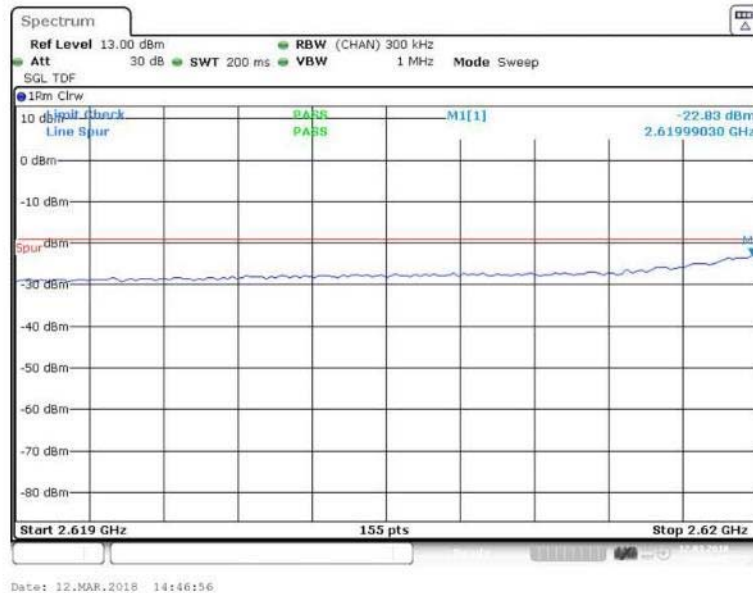


Figure 195 Spurious Emissions (Lower Band Edge) – 16QAM (2627.5 MHz, 2642.5 MHz, 2x15 MHz Channel BW)

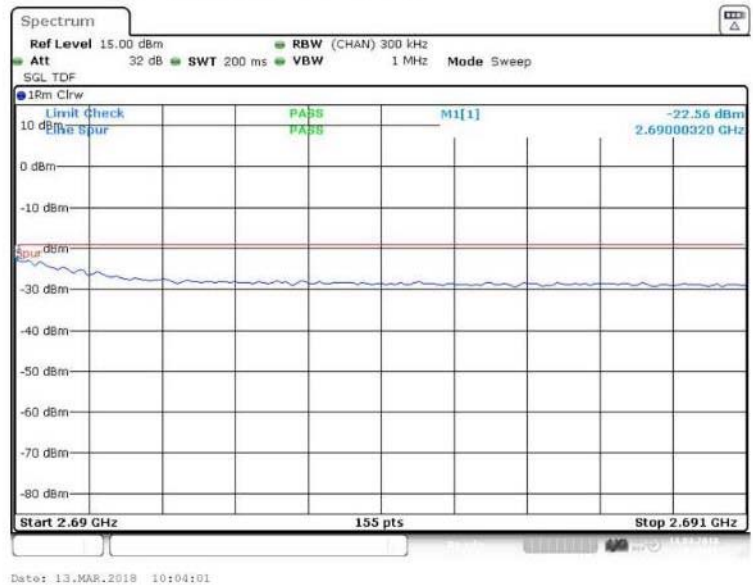


Figure 196 Spurious Emissions (Upper Band Edge) – 16QAM (2667.5 MHz, 2682.5 MHz, 2x15 MHz Channel BW)

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(2016)

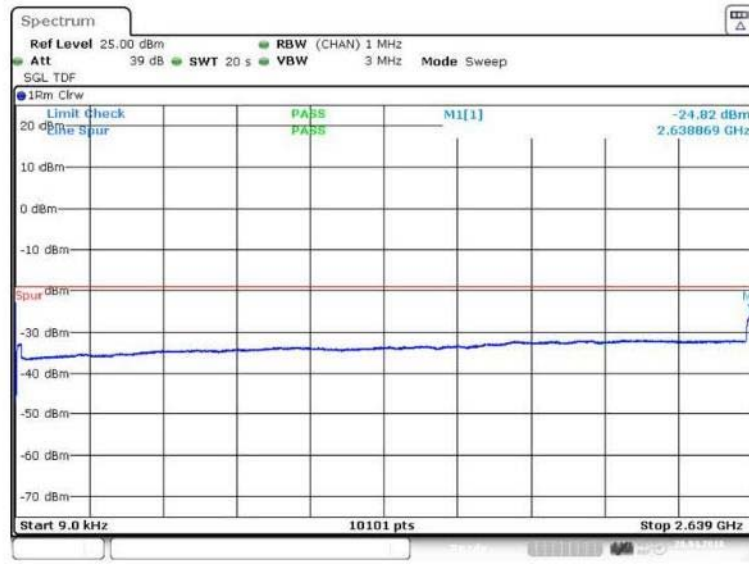
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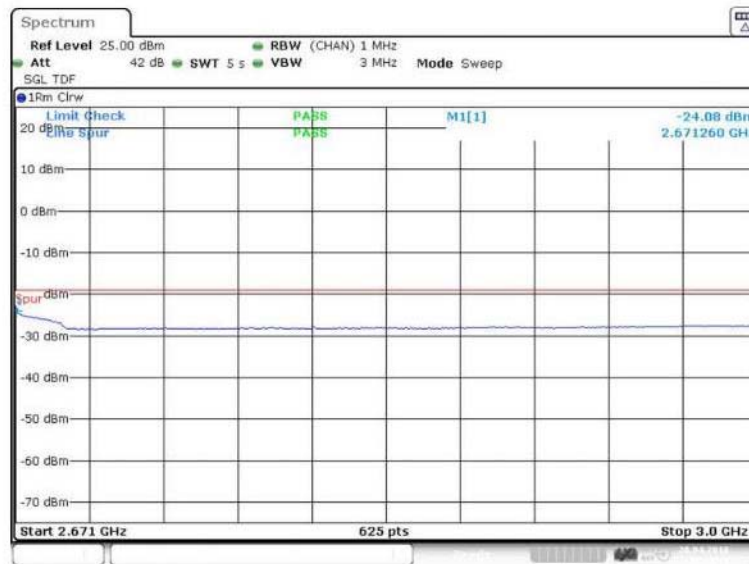
FCC ID: VBNAHBB-01
IC ID: 661AI-AHBB

Test Report No:
D564660096



Date: 20.APR.2018 10:32:57

Figure 197 Spurious Emissions (9kHz – 2.639GHz) – 16QAM (2647.5 MHz, 2662.5 MHz, 2x15 MHz Channel BW)



Date: 20.APR.2018 10:32:18

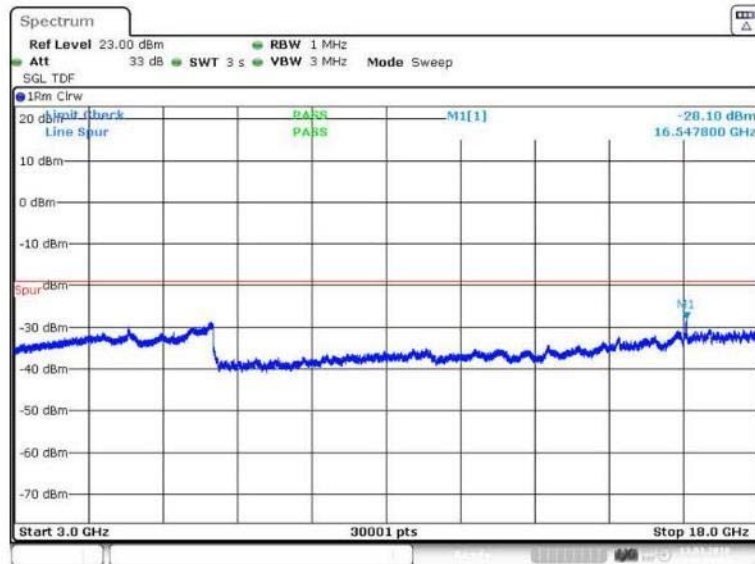
Figure 198 Spurious Emissions (2.671 GHz – 3 GHz) – 16QAM (2647.5 MHz, 2662.5 MHz, 2x15 MHz Channel BW)



Product Service

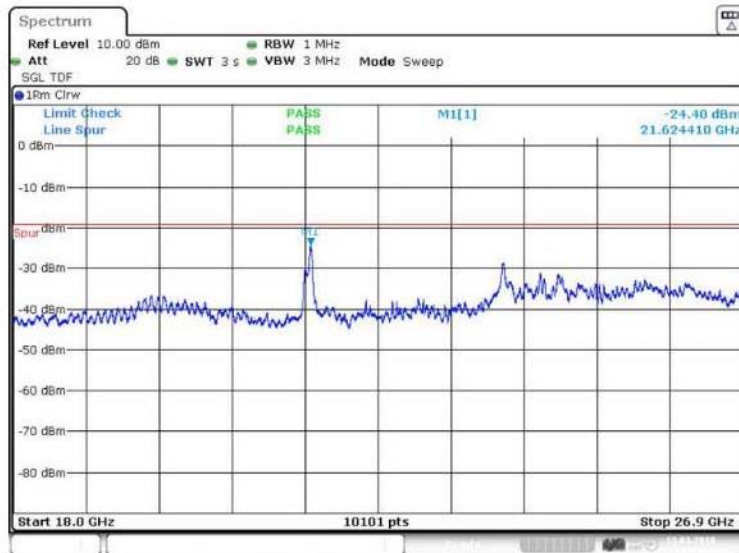
FCC ID: VBNAHBB-01
IC ID: 661AI-AHBB

Test Report No:
D564660096



Date: 13.MAR.2018 12:54:59

Figure 199 Spurious Emissions (3 GHz – 18GHz) – 16QAM (2647.5 MHz, 2662.5 MHz, 2x15 Channel BW)



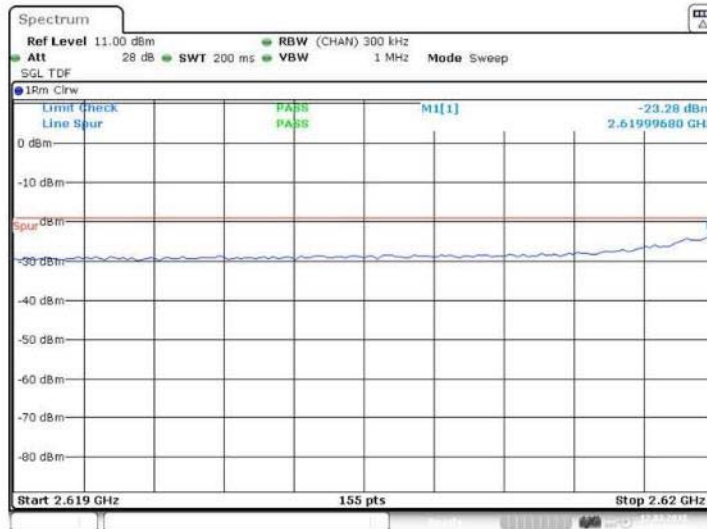
Date: 13.MAR.2018 12:54:47

Figure 200 Spurious Emissions (18GHz – 26.9GHz) – 16QAM (2647.5 MHz, 2662.5 MHz, 2x15 Channel BW)



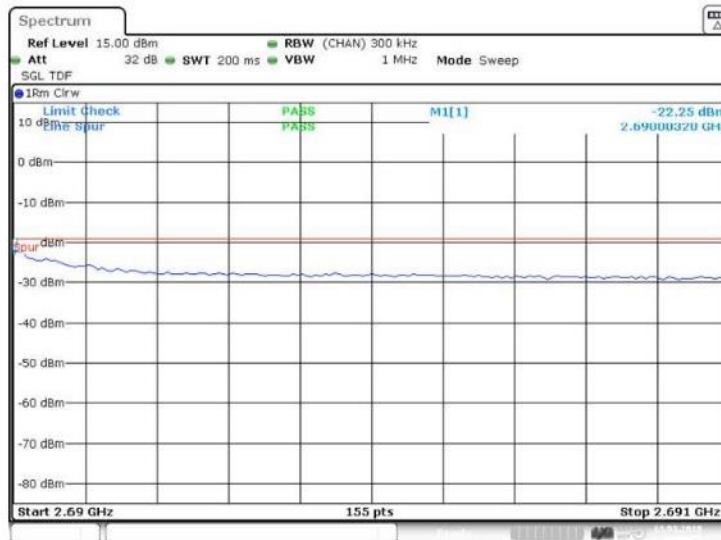
FCC ID: VBNAHBB-01
IC ID: 661AI-AHBB

Test Report No:
D564660096



Date: 12.MAR.2018 14:27:27

Figure 201 Spurious Emissions (Lower Band Edge) – 64QAM (2627.5 MHz, 2642.5 MHz, 2x15 MHz Channel BW)



Date: 13.MAR.2018 10:09:52

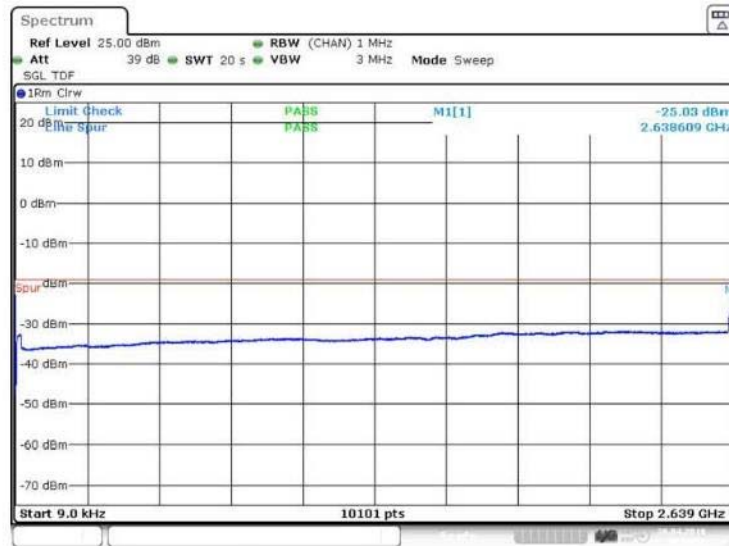
Figure 202 Spurious Emissions (Upper Band Edge) – 64QAM (2667.5 MHz, 2682.5 MHz, 2x15 MHz Channel BW)



Product Service

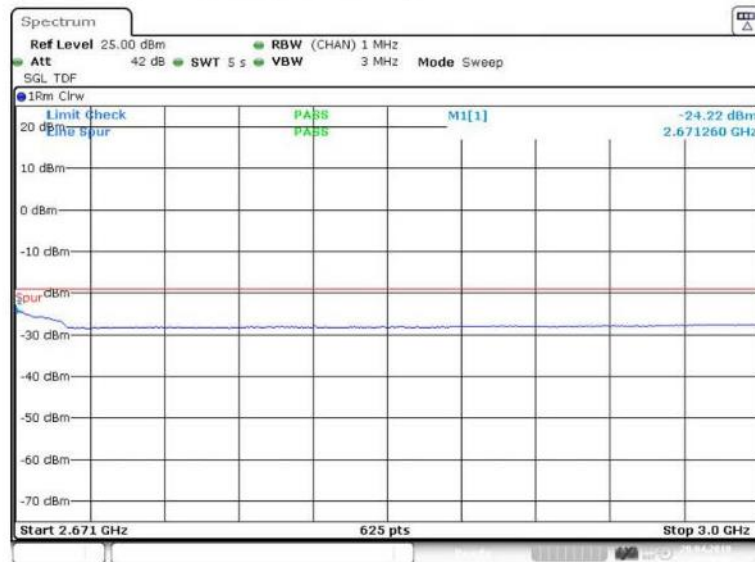
FCC ID: VBNAHBB-01
IC ID: 661AI-AHBB

Test Report No:
D564660096



Date: 20.APR.2018 10:34:54

Figure 203 Spurious Emissions (9kHz – 2.639GHz) – 64QAM (2647.5 MHz, 2662.5 MHz, 2x15 MHz Channel BW)



Date: 20.APR.2018 10:34:15

Figure 204 Spurious Emissions (2.671 GHz – 3 GHz) – 64QAM (2647.5 MHz, 2662.5 MHz, 2x15 MHz Channel BW)



Product Service

FCC ID: VBNAHBB-01
IC ID: 661AI-AHBB

Test Report No:
D564660096

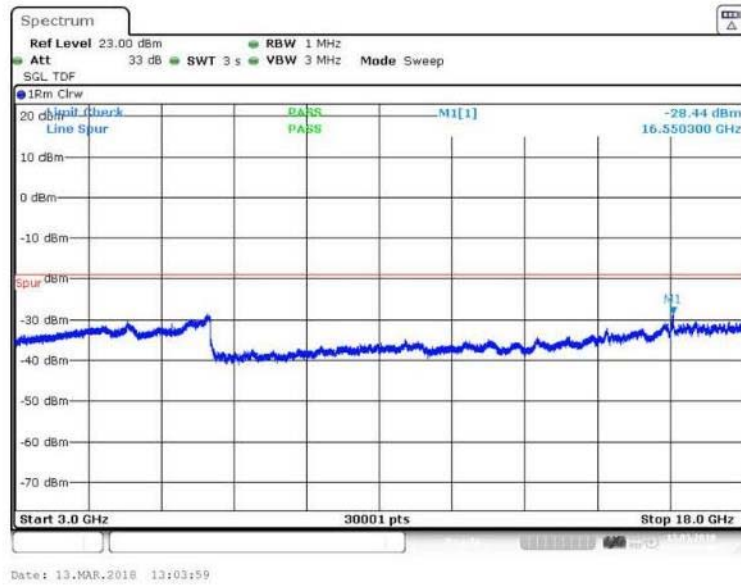


Figure 205 Spurious Emissions (3 GHz – 18GHz) – 64QAM (2647.5 MHz, 2662.5 MHz, 2x15 Channel BW)

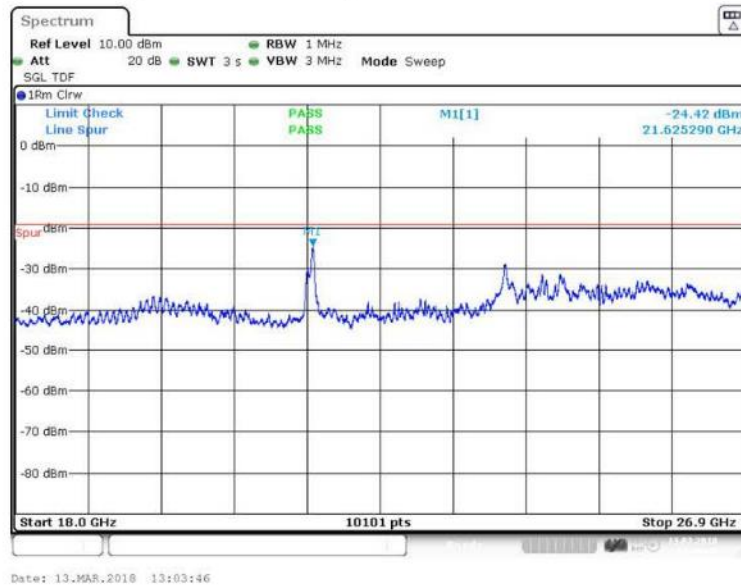


Figure 206 Spurious Emissions (18GHz – 26.9GHz) – 64QAM (2647.5 MHz, 2662.5 MHz, 2x15 Channel BW)



Product Service

FCC ID: VBNAHBB-01
IC ID: 661AI-AHBB

Test Report No:
D564660096

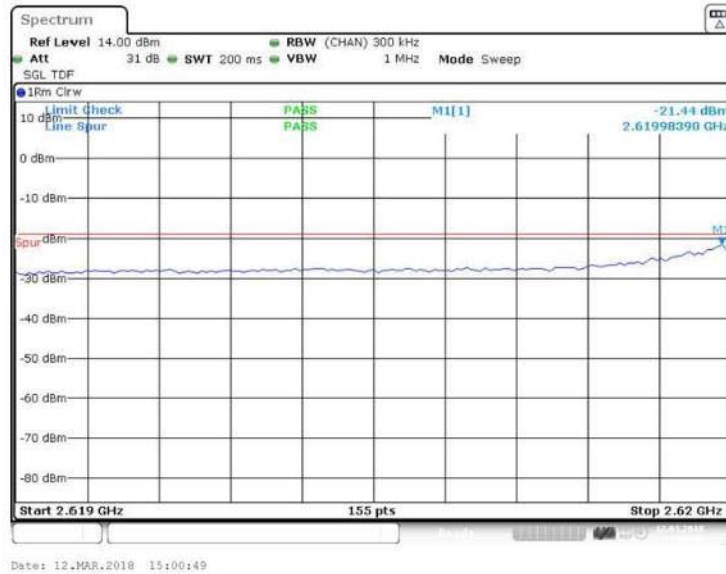


Figure 207 Spurious Emissions (Lower Band Edge) – 256QAM (2627.5 MHz, 2642.5 MHz, 2x15 MHz Channel BW)

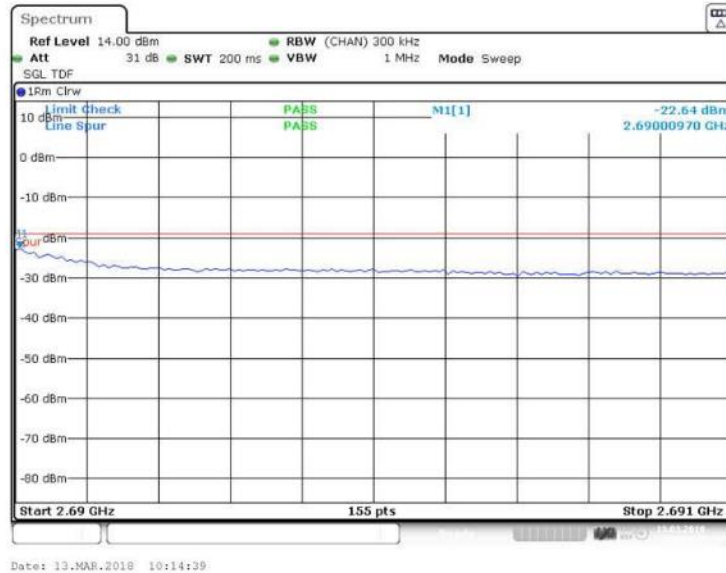


Figure 208 Spurious Emissions (Upper Band Edge) – 256QAM (2667.5 MHz, 2682.5 MHz, 2x15 MHz Channel BW)

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FCC ID: VBNAHBB-01
IC ID: 661AI-AHBB

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D564660096

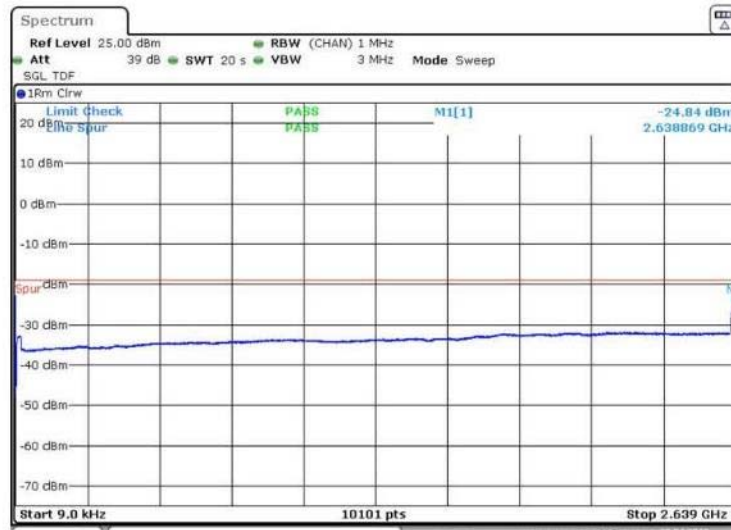


Figure 209 Spurious Emissions (9kHz – 2.639GHz) – 256QAM (2647.5 MHz, 2662.5 MHz, 2x15 MHz Channel BW)

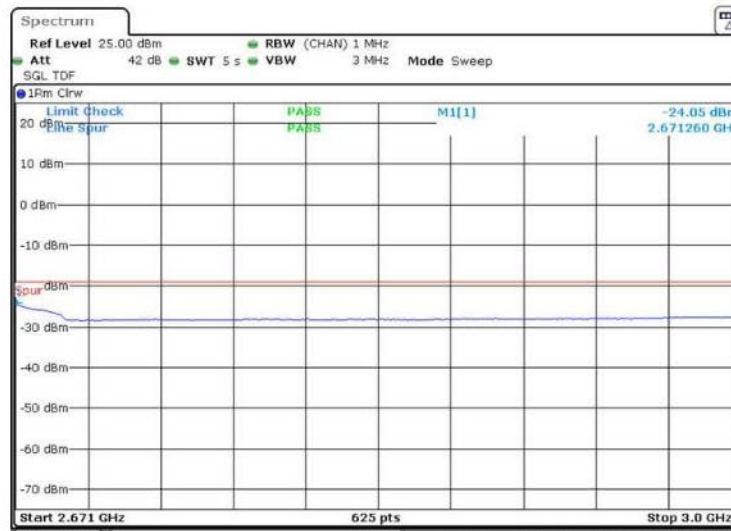


Figure 210 Spurious Emissions (2.671 GHz – 3 GHz) – 256QAM (2647.5 MHz, 2662.5 MHz, 2x15 MHz Channel BW)



FCC ID: VBNAHBB-01
IC ID: 661AI-AHBB

Test Report No:
D564660096

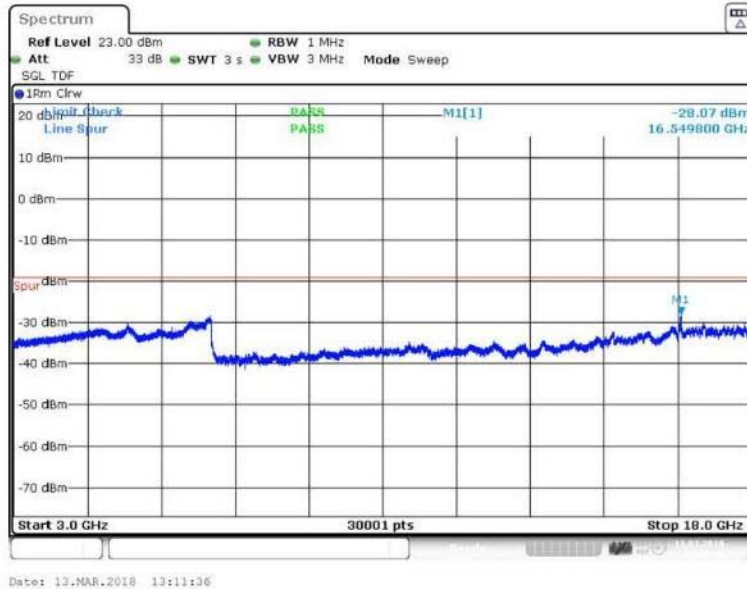


Figure 211 Spurious Emissions (3 GHz – 18GHz) – 256QAM (2647.5 MHz, 2662.5 MHz, 2x15 Channel BW)

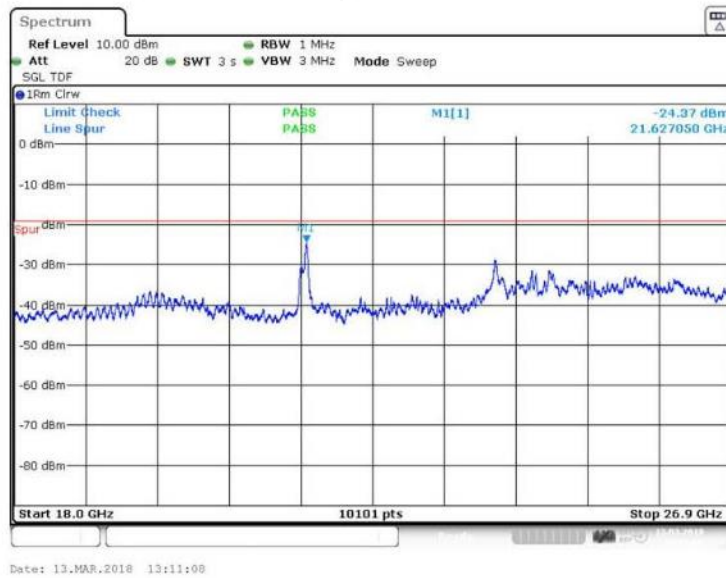


Figure 212 Spurious Emissions (18GHz – 26.9GHz) – 256QAM (2647.5 MHz, 2662.5 MHz, 2x15 Channel BW)



Product Service

FCC ID: VBNAHBB-01
IC ID: 661AI-AHBB

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D564660096

Config H ANT2:

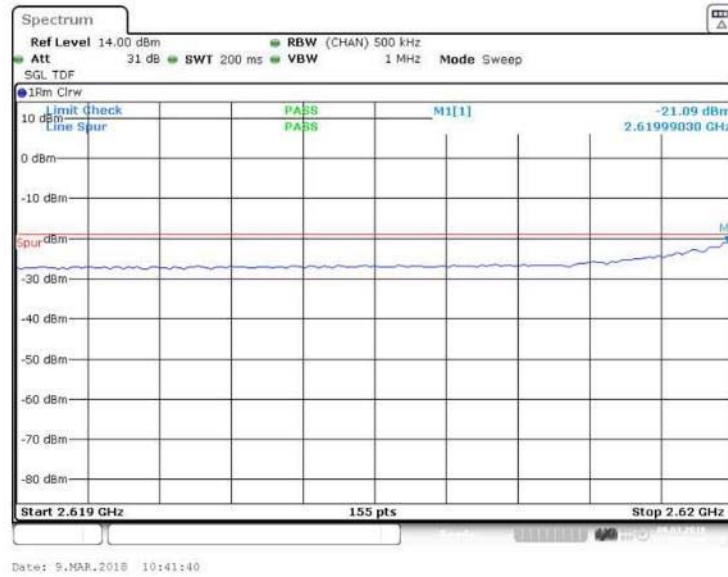


Figure 213 Spurious Emissions (Lower Band Edge) – QPSK (2630 MHz, 2650 MHz, 2x20 MHz Channel BW)

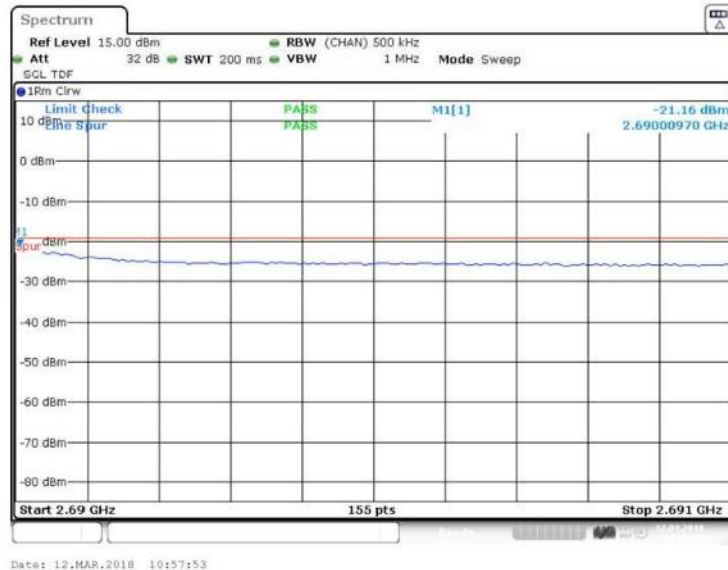


Figure 214 Spurious Emissions (Upper Band Edge) – QPSK (2660 MHz, 2680 MHz, 2x20 MHz Channel BW)

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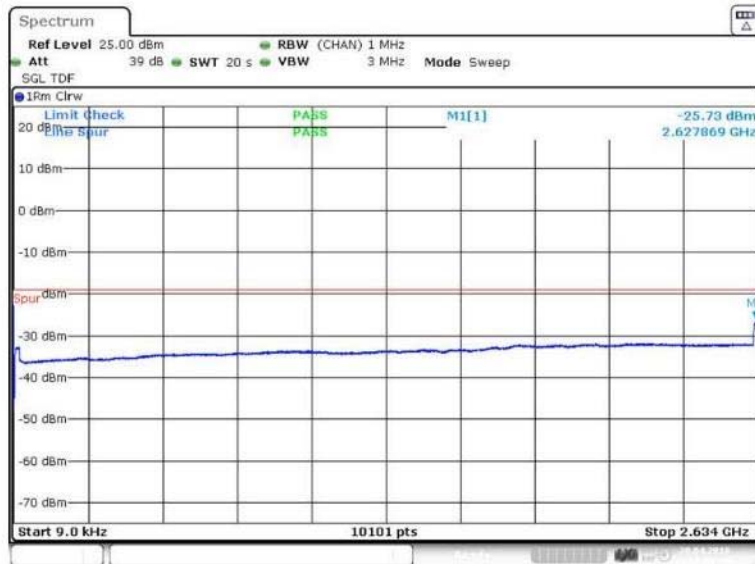
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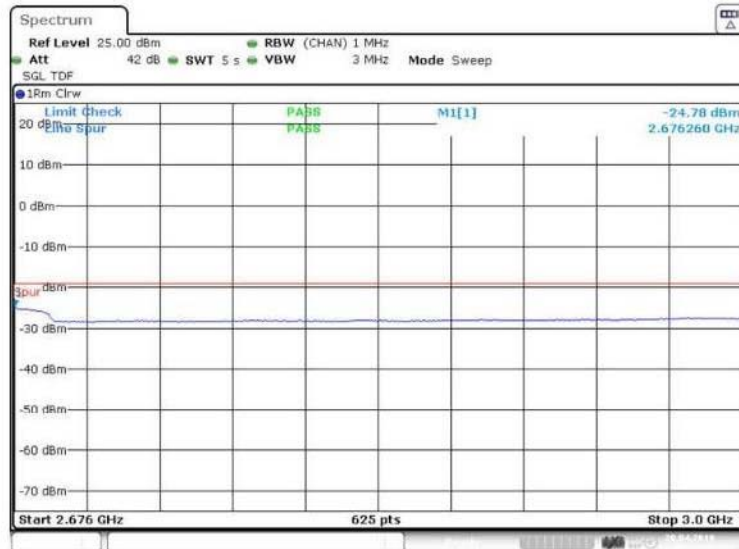
FCC ID: VBNAHBB-01
IC ID: 661AI-AHBB

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Figure 215 Spurious Emissions (9kHz – 2.634GHz) – QPSK (2645 MHz, 2665 MHz, 2x20 MHz Channel BW)



Date: 20.APR.2018 11:20:01

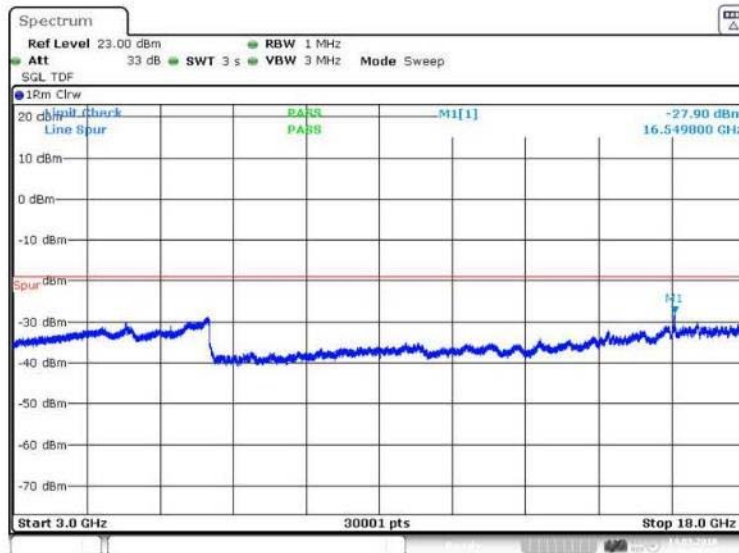
Figure 216 Spurious Emissions (2.676 GHz – 3 GHz) – QPSK (2645 MHz, 2665 MHz, 2x20 MHz Channel BW)



Product Service

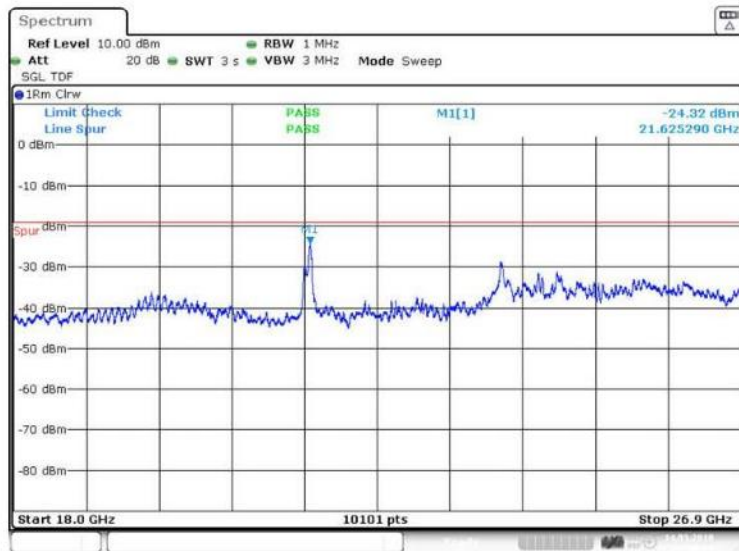
FCC ID: VBNAHBB-01
IC ID: 661AI-AHBB

Test Report No:
D564660096



Date: 14.MAR.2018 09:06:23

Figure 217 Spurious Emissions (3 GHz – 18GHz) – QPSK (2645 MHz, 2665 MHz, 2x20 MHz Channel BW)



Date: 14.MAR.2018 09:06:13

Figure 218 Spurious Emissions (18GHz – 26.9GHz) – QPSK (2645 MHz, 2665 MHz, 2x20 MHz Channel BW)



Product Service

FCC ID: VBNAHBB-01
 IC ID: 661AI-AHBB

Test Report No:
 D564660096

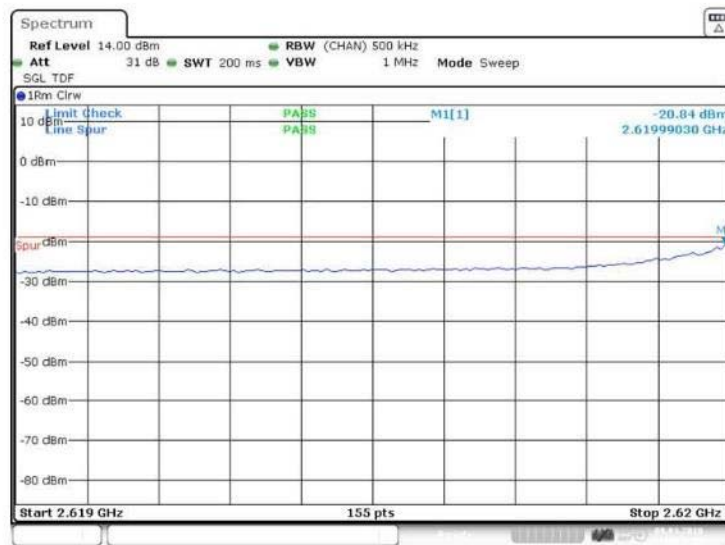


Figure 219 Spurious Emissions (Lower Band Edge) – 16QAM (2630 MHz, 2650 MHz, 2x20 MHz Channel BW)

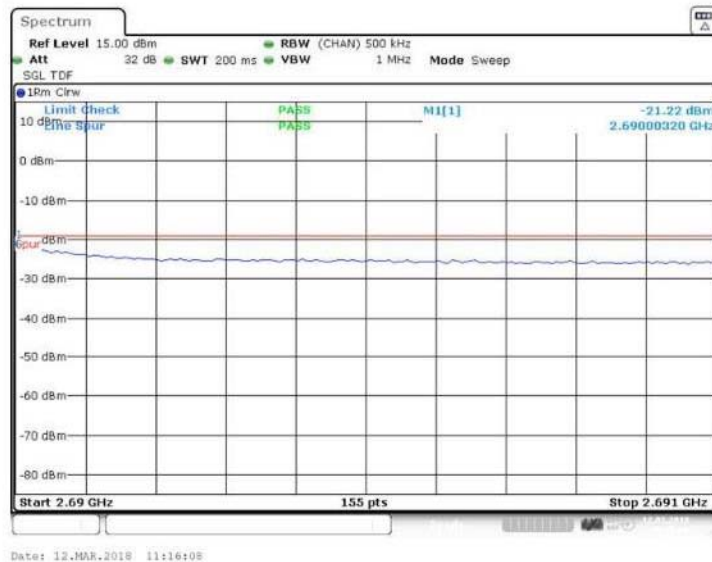


Figure 220 Spurious Emissions (Upper Band Edge) – 16QAM (2660 MHz, 2680 MHz, 2x20 MHz Channel BW)

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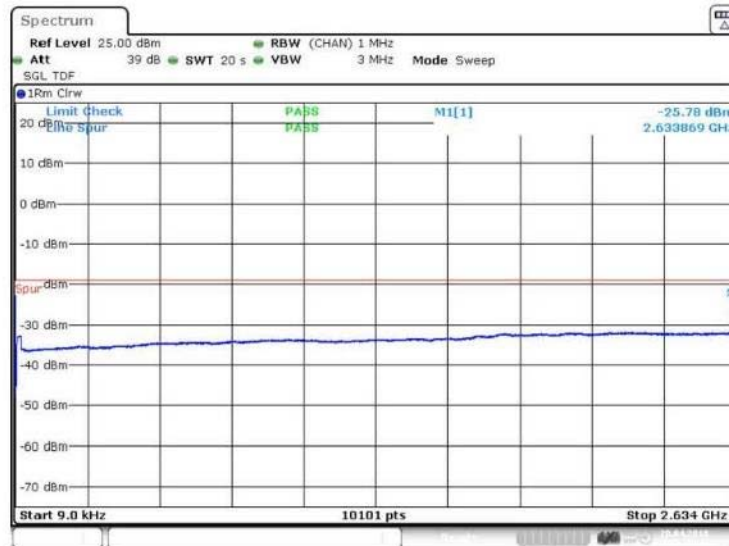


Figure 221 Spurious Emissions (9kHz – 2.634GHz) – 16QAM (2645 MHz, 2665 MHz, 2x20 MHz Channel BW)

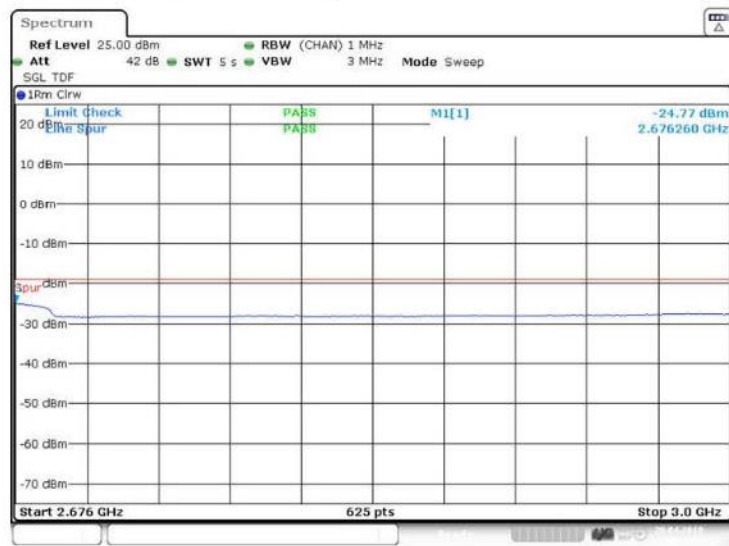


Figure 222 Spurious Emissions (2.676 GHz – 3 GHz) – 16QAM (2645 MHz, 2665 MHz, 2x20 MHz Channel BW)