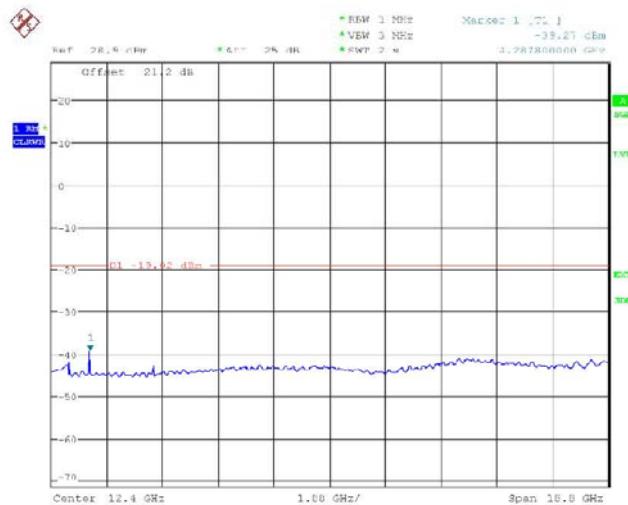
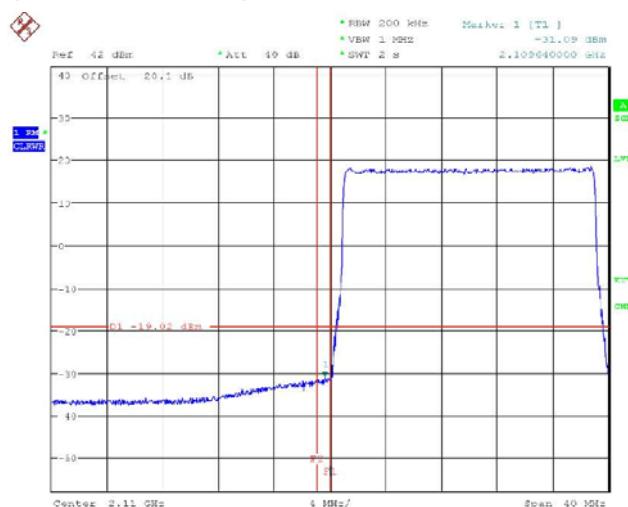




Product Service

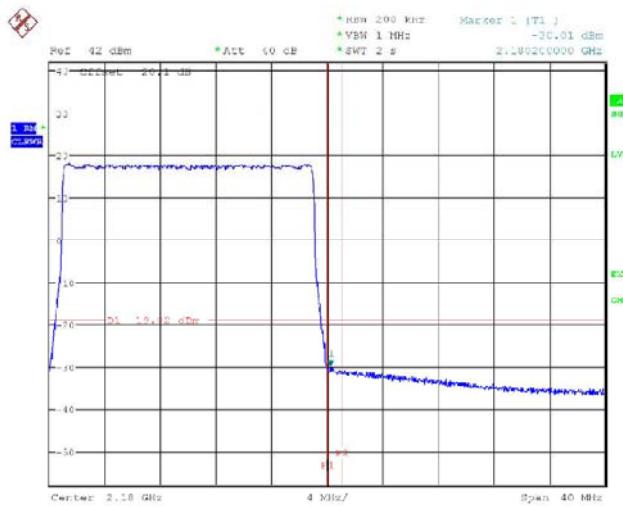
FCC ID:
VBNAHIB-Test Report No:
D556049976**Figure 136 Spurious Emissions (3GHz – 21.8GHz) – 64QAM (2145.0 MHz) (20MHz Channel BW)****Figure 137 Spurious Emissions (Lower Band Edge) – 256QAM (2120.0 MHz) (20MHz Channel BW)**



Product Service

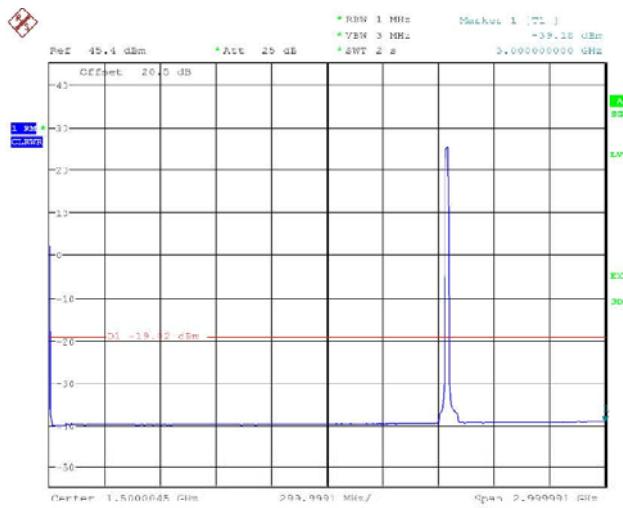
FCC ID:
VBNAHIB-

Test Report No:
D556049976



Date: 4.MAY.2017 13:36:14

Figure 138 Spurious Emissions (Upper Band Edge) – 256QAM (2170.0 MHz) (20MHz Channel BW)



Date: 4.MAY.2017 12:57:38

Figure 139 Spurious Emissions (9kHz – 3GHz) – 256QAM (2145.0 MHz) (20MHz Channel BW)

FCC 47 CFR part 27
(2016)

16. May 2017

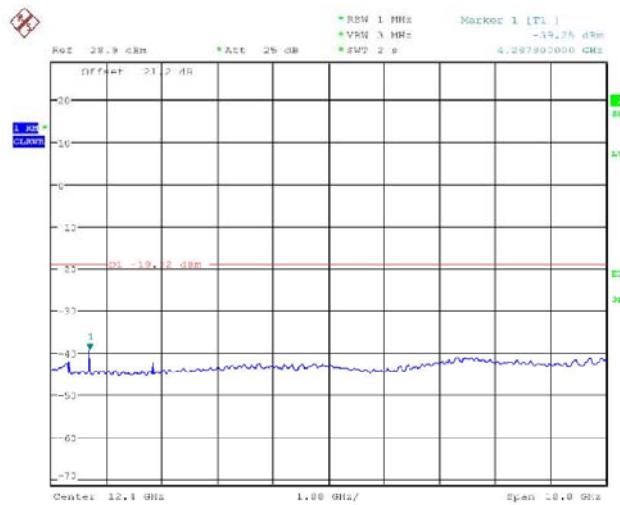
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Product Service

FCC ID:
VBNAIHIB-

Test Report No:
D556049976

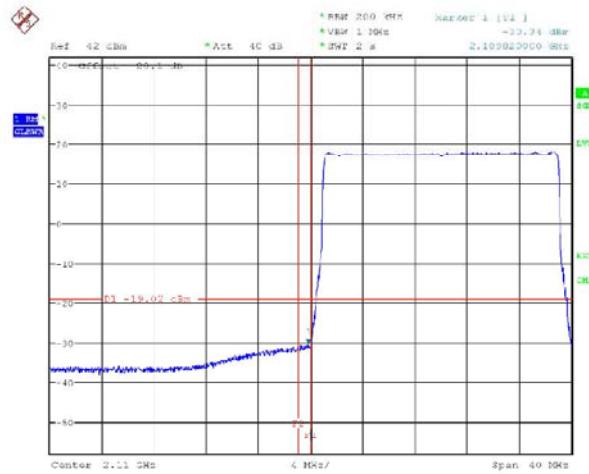
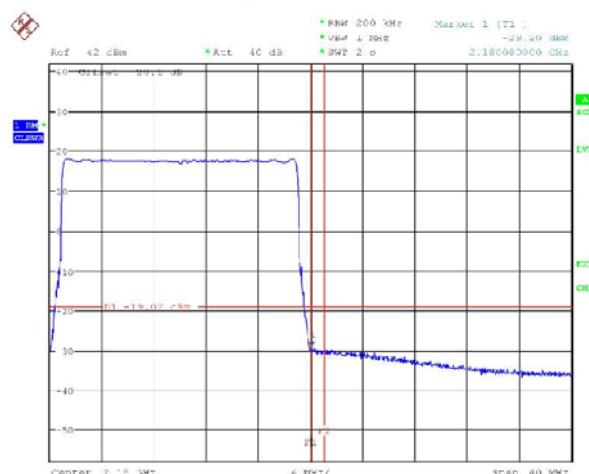


Date: 4.MAY.2017 12:58:20

**Figure 140 Spurious Emissions (3GHz – 21.8GHz) – 256QAM (2145.0 MHz)
(20MHz Channel BW)**



Product Service

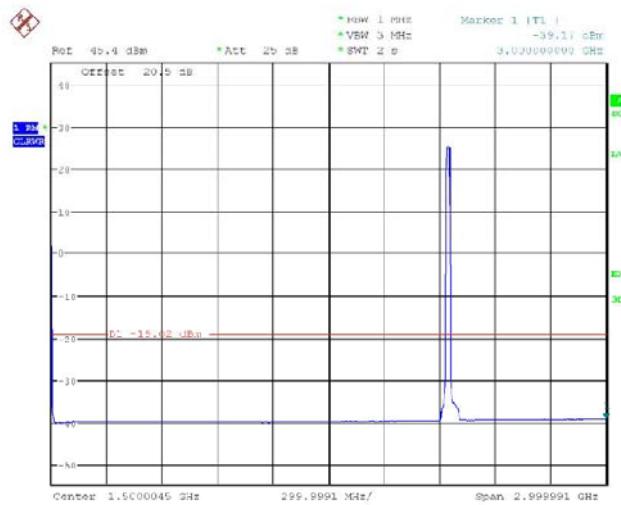
FCC ID:
VBNAHIB-Test Report No:
D556049976**Config B ANT2:****Figure 141 Spurious Emissions (Lower Band Edge) – QPSK (2120.0 MHz) (20MHz Channel BW)****Figure 142 Spurious Emissions (Upper Band Edge) – QPSK (2170.0 MHz) (20MHz Channel BW)**



Product Service

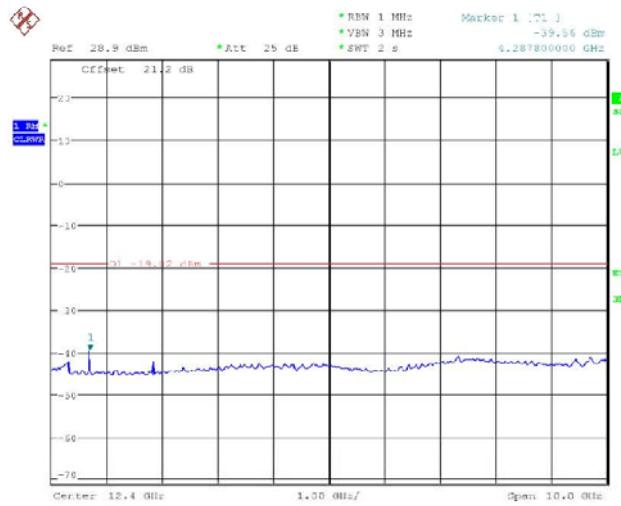
FCC ID:
VBNAHIB-

Test Report No:
D556049976



Date: 5.MAY.2017 07:38:53

Figure 143 Spurious Emissions (9kHz – 3GHz) - QPSK (2145.0 MHz) (20MHz Channel BW)

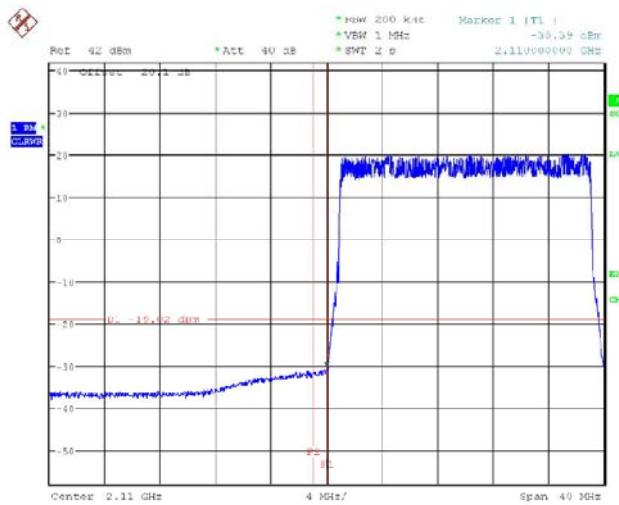


Date: 5.MAY.2017 07:39:50

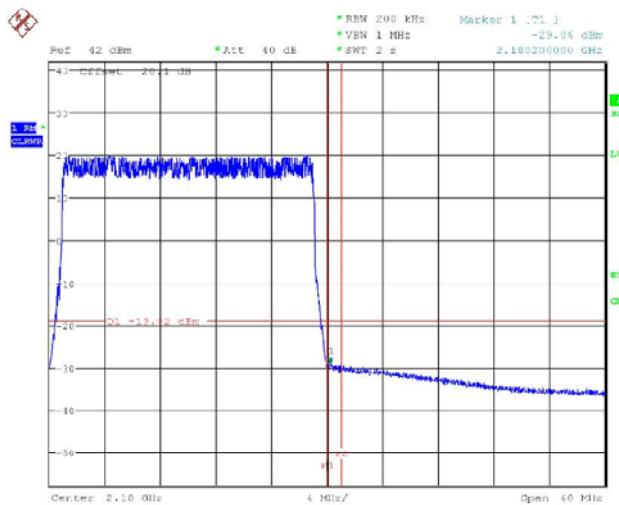
Figure 144 Spurious Emissions (3GHz – 21.8GHz) – QPSK (2145.0 MHz) (20MHz Channel BW)



Product Service

FCC ID:
VBNAHIB-Test Report No:
D556049976

Date: 5.MAY.2017 06:44:10

Figure 145 Spurious Emissions (Lower Band Edge) – 16QAM (2120.0 MHz) (20MHz Channel BW)

Date: 5.MAY.2017 08:15:45

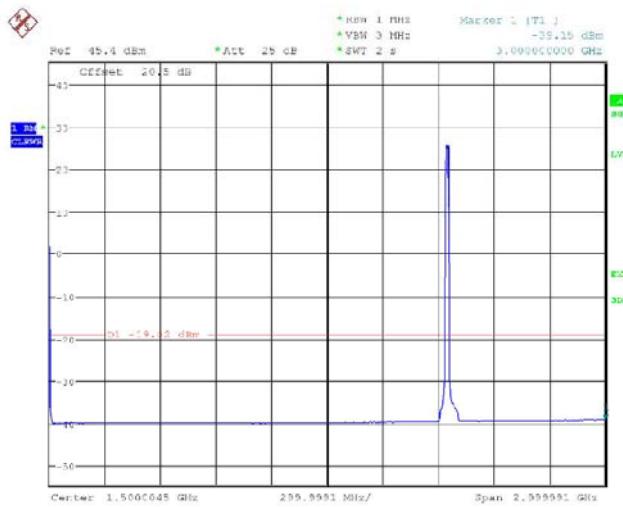
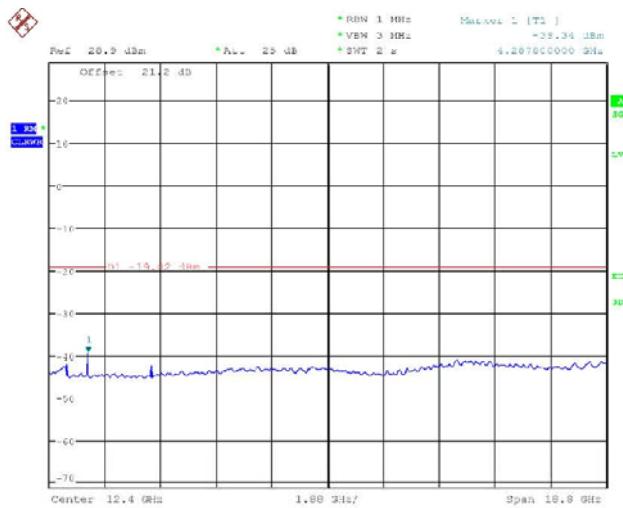
Figure 146 Spurious Emissions (Upper Band Edge) – 16QAM (2170.0 MHz) (20MHz Channel BW)FCC 47 CFR part 27
(2016)

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Product Service

FCC ID:
VBNAHIB-Test Report No:
D556049976**Figure 147 Spurious Emissions (9kHz – 3GHz) – 16QAM (2145.0 MHz) (20MHz Channel BW)****Figure 148 Spurious Emissions (3GHz – 21.8GHz) – 16QAM (2145.0 MHz) (20MHz Channel BW)**



Product Service

FCC ID:
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D556049976

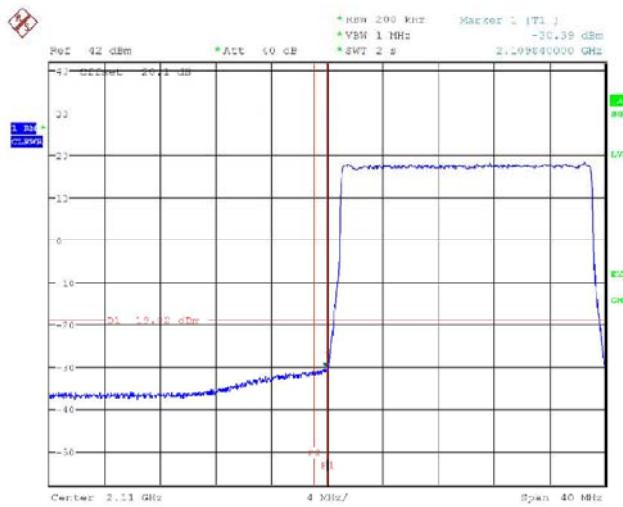


Figure 149 Spurious Emissions (Lower Band Edge) – 64QAM (2120.0 MHz) (20MHz Channel BW)

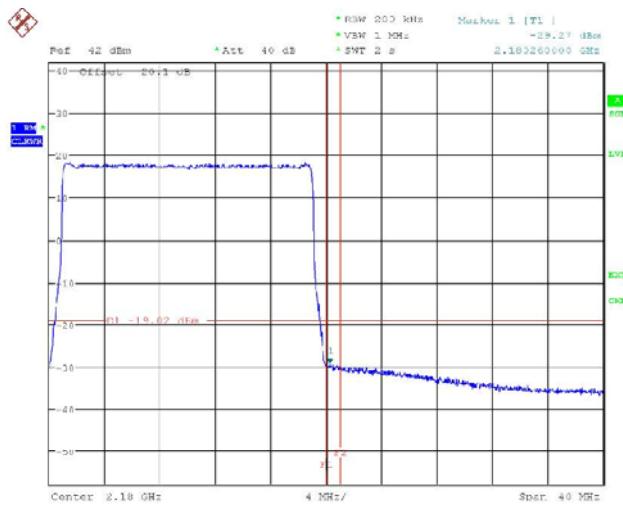


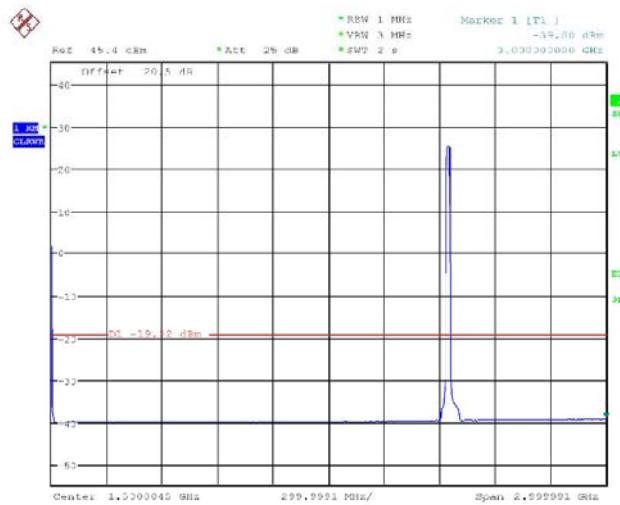
Figure 150 Spurious Emissions (Upper Band Edge) – 64QAM (2170.0 MHz) (20MHz Channel BW)



Product Service

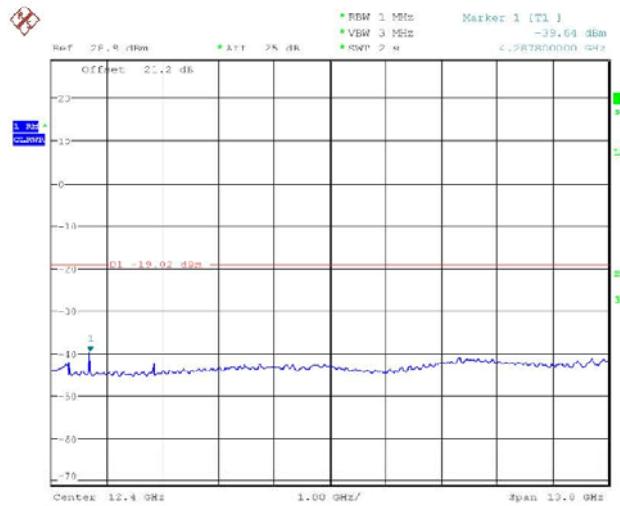
FCC ID:
VBNAHIB-

Test Report No:
D556049976



Date: 5.MAY.2017 07:45:28

Figure 151 Spurious Emissions (9kHz – 3GHz) – 64QAM (2145.0 MHz) (20MHz Channel BW)



Date: 5.MAY.2017 09:46:13

Figure 152 Spurious Emissions (3GHz – 21.8GHz) – 64QAM (2145.0 MHz) (20MHz Channel BW)

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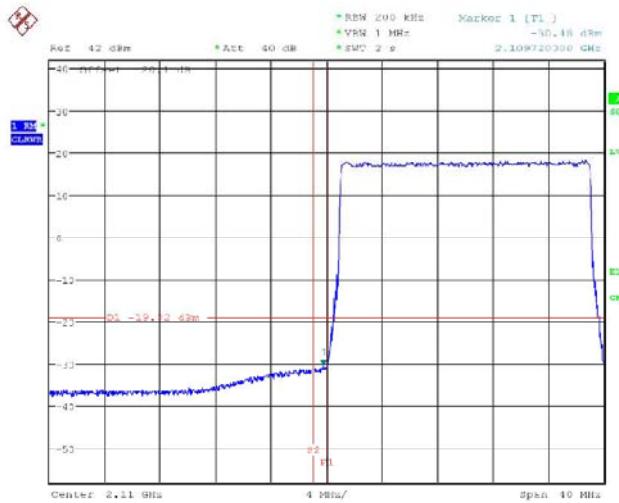
FCC ID:
VBNAHIB-Test Report No:
D556049976

Figure 153 Spurious Emissions (Lower Band Edge) – 256QAM (2120.0 MHz) (20MHz Channel BW)

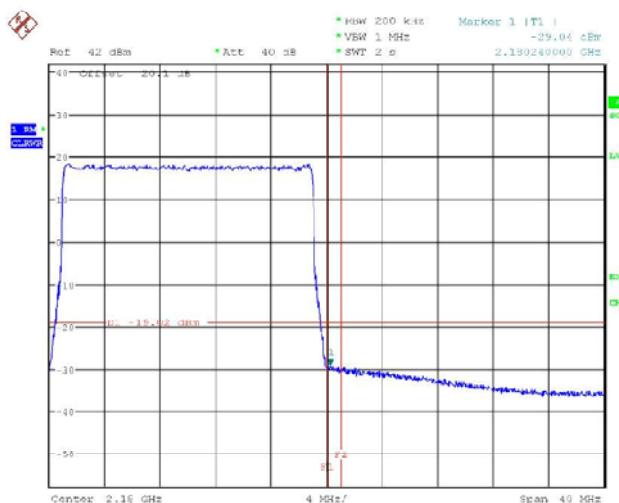
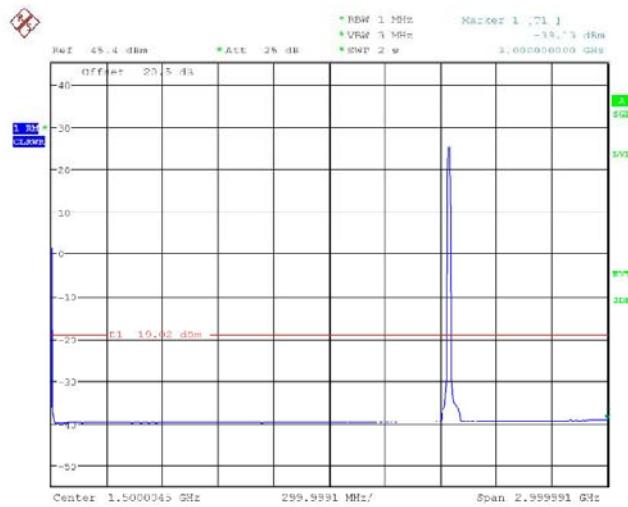


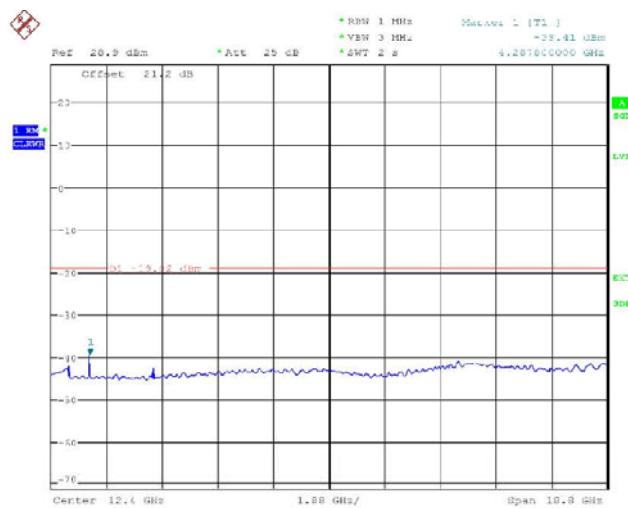
Figure 154 Spurious Emissions (Upper Band Edge) – 256QAM (2170.0 MHz) (20MHz Channel BW)



Product Service

FCC ID:
VBNAHIB-Test Report No:
D556049976

Date: 5.MAY.2017 07:48:40

Figure 155 Spurious Emissions (9kHz – 3GHz) – 256QAM (2145.0 MHz) (20MHz Channel BW)

Date: 5.MAY.2017 07:49:17

Figure 156 Spurious Emissions (3GHz – 21.8GHz) – 256QAM (2145.0 MHz) (20MHz Channel BW)FCC 47 CFR part 27
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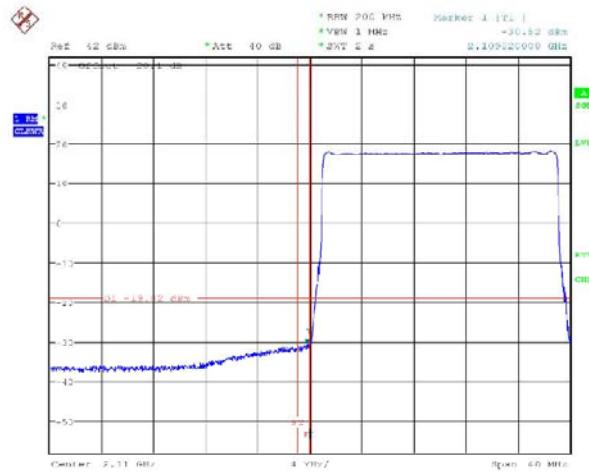
Config B ANT3:

Figure 157 Spurious Emissions (Lower Band Edge) – QPSK (2120.0 MHz) (20MHz Channel BW)

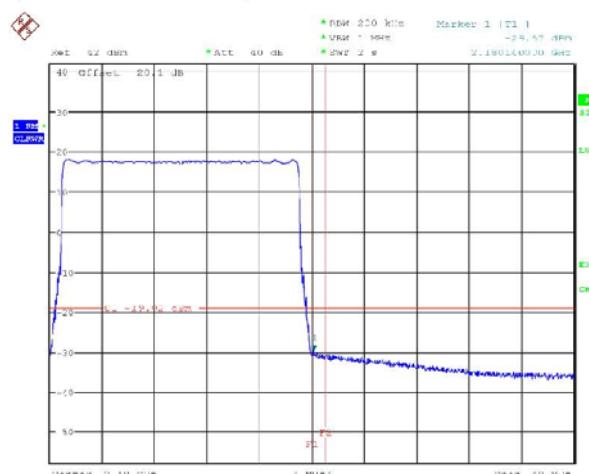
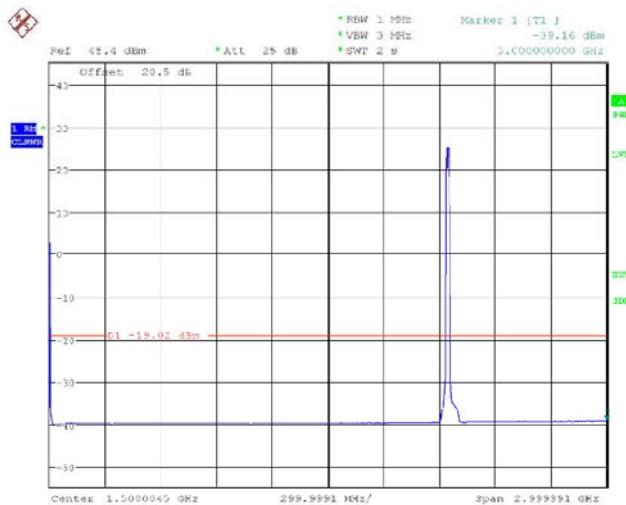


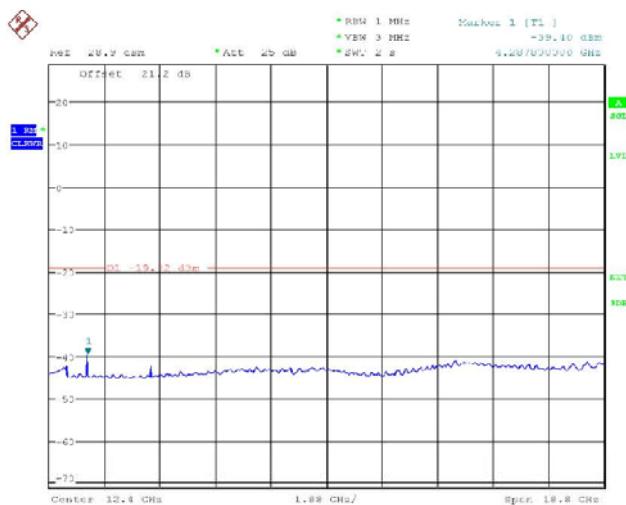
Figure 158 Spurious Emissions (Upper Band Edge) – QPSK (2170.0 MHz) (20MHz Channel BW)



Product Service

FCC ID:
VBNAHIB-Test Report No:
D556049976

Date: 5.MAY.2017 08:51:23

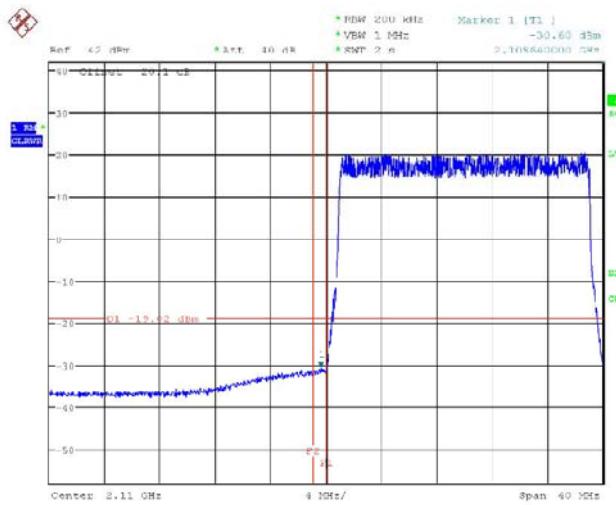
Figure 159 Spurious Emissions (9kHz – 3GHz) - QPSK (2145.0 MHz) (20MHz Channel BW)

Date: 5.MAY.2017 08:52:23

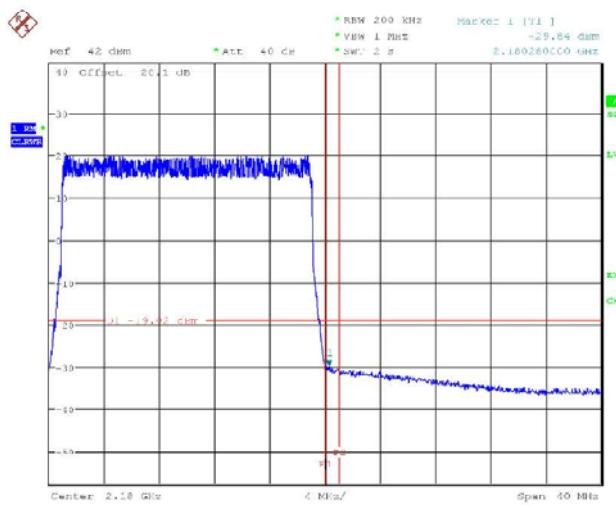
Figure 160 Spurious Emissions (3GHz – 21.8GHz) – QPSK (2145.0 MHz) (20MHz Channel BW)



Product Service

FCC ID:
VBNAHIB-Test Report No:
D556049976

Date: 5.MAY.2017 09:49:44

Figure 161 Spurious Emissions (Lower Band Edge) – 16QAM (2120.0 MHz) (20MHz Channel BW)

Date: 5.MAY.2017 10:00:07

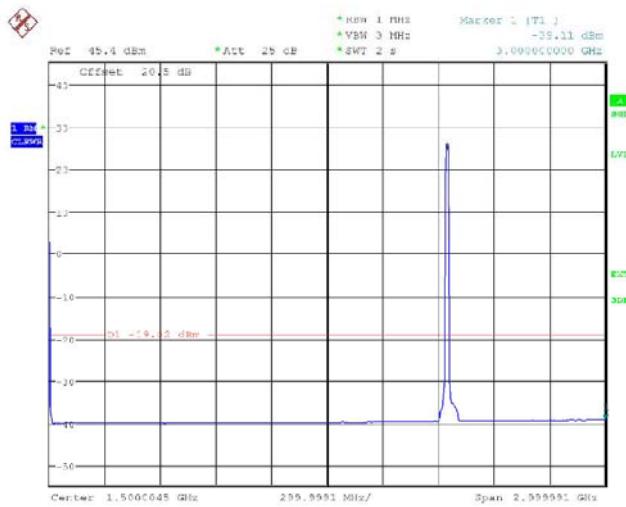
Figure 162 Spurious Emissions (Upper Band Edge) – 16QAM (2170.0 MHz) (20MHz Channel BW)FCC 47 CFR part 27
(2016)

16. May 2017

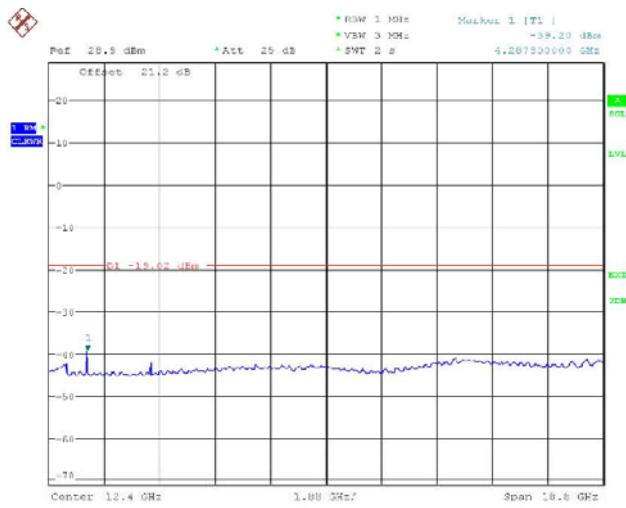
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FCC ID:
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D556049976

Date: 5.MAY.2017 08:54:41

Figure 163 Spurious Emissions (9kHz – 3GHz) – 16QAM (2145.0 MHz) (20MHz Channel BW)

Date: 5.MAY.2017 08:55:27

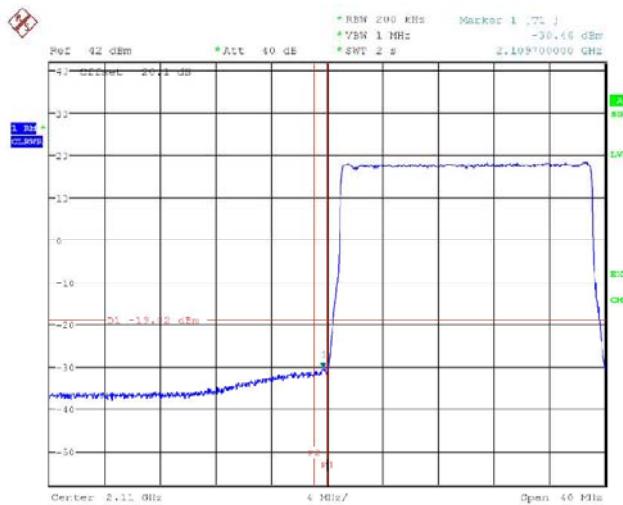
Figure 164 Spurious Emissions (3GHz – 21.8GHz) – 16QAM (2145.0 MHz) (20MHz Channel BW)FCC 47 CFR part 27
(2016)

16. May 2017

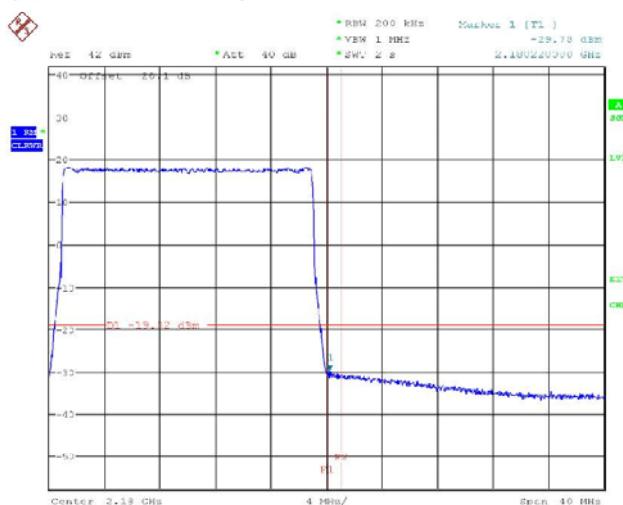
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Product Service

FCC ID:
VBNAHIB-Test Report No:
D556049976

Date: 5.MAY.2017 08:46:06

Figure 165 Spurious Emissions (Lower Band Edge) – 64QAM (2120.0 MHz) (20MHz Channel BW)

Date: 5.MAY.2017 10:03:11

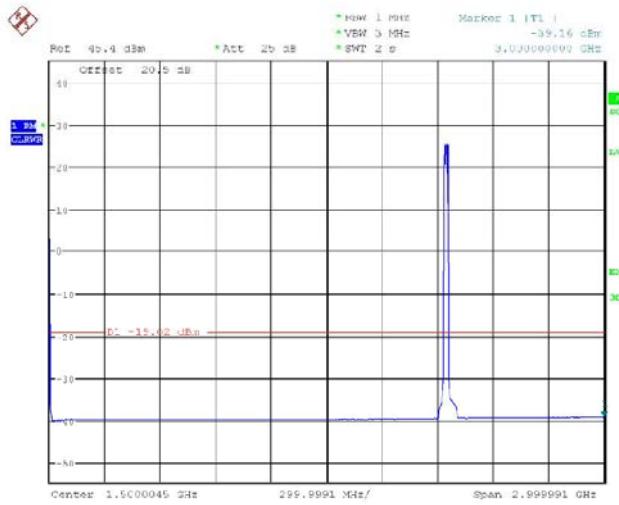
Figure 166 Spurious Emissions (Upper Band Edge) – 64QAM (2170.0 MHz) (20MHz Channel BW)FCC 47 CFR part 27
(2016)

16. May 2017

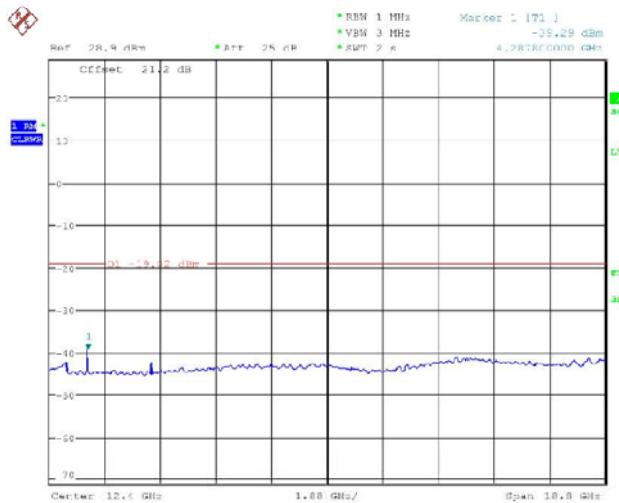
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Product Service

FCC ID:
VBNAHIB-Test Report No:
D556049976

Date: 5.MAY.2017 08:58:33

Figure 167 Spurious Emissions (9kHz – 3GHz) – 64QAM (2145.0 MHz) (20MHz Channel BW)

Date: 5.MAY.2017 08:59:24

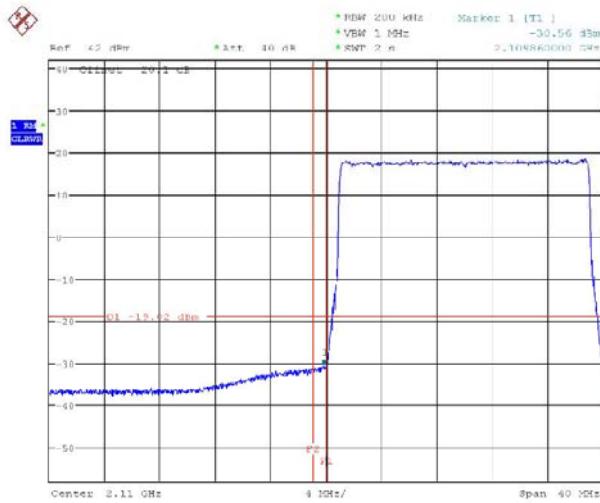
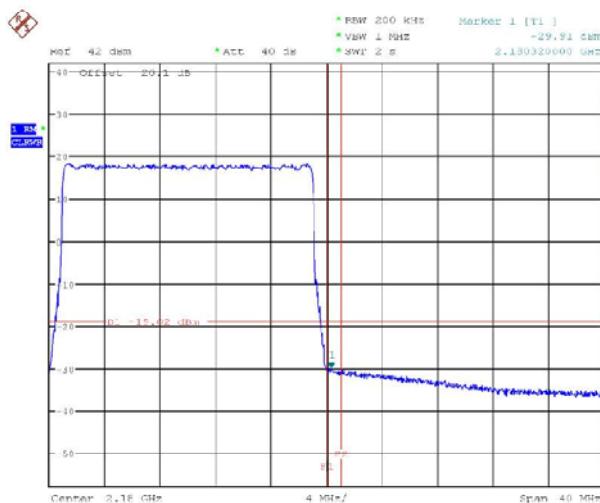
Figure 168 Spurious Emissions (3GHz – 21.8GHz) – 64QAM (2145.0 MHz) (20MHz Channel BW)FCC 47 CFR part 27
(2016)

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Product Service

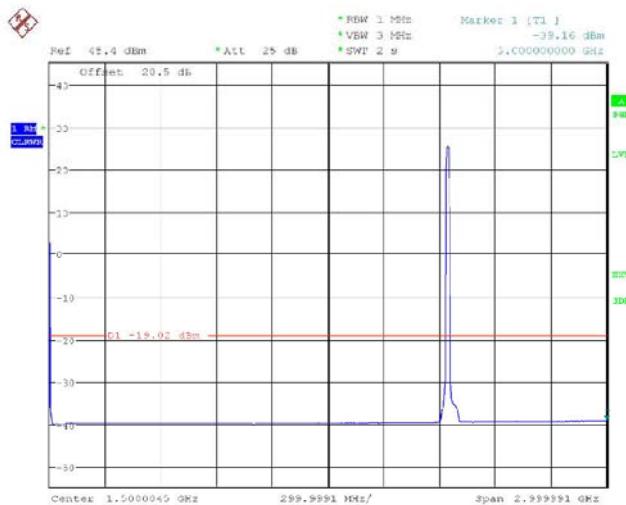
FCC ID:
VBNAHIB-Test Report No:
D556049976**Figure 169 Spurious Emissions (Lower Band Edge) – 256QAM (2120.0 MHz) (20MHz Channel BW)****Figure 170 Spurious Emissions (Upper Band Edge) – 256QAM (2170.0 MHz) (20MHz Channel BW)**FCC 47 CFR part 27
(2016)

16. May 2017

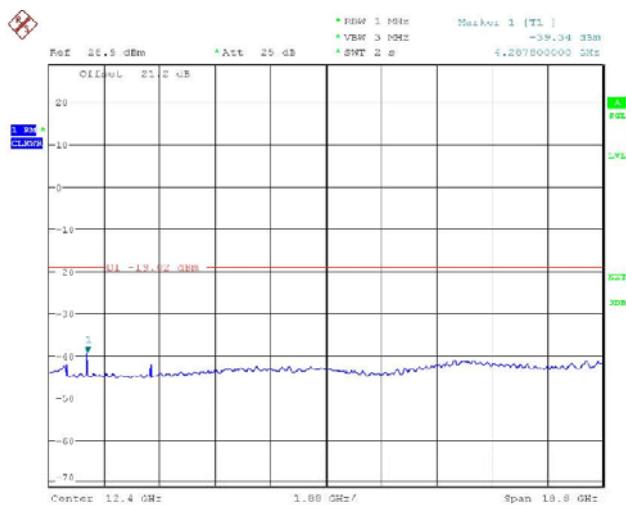
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FCC ID:
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D556049976

Date: 5.MAY.2017 09:02:00

Figure 171 Spurious Emissions (9kHz – 3GHz) – 256QAM (2145.0 MHz) (20MHz Channel BW)

Date: 5.MAY.2017 09:02:46

Figure 172 Spurious Emissions (3GHz – 21.8GHz) – 256QAM (2145.0 MHz) (20MHz Channel BW)



Product Service

FCC ID:
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D556049976

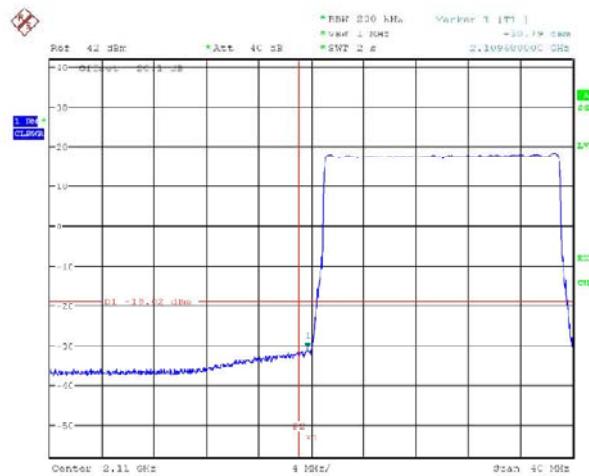
Config B ANT4:

Figure 173 Spurious Emissions (Lower Band Edge) – QPSK (2120.0 MHz) (20MHz Channel BW)

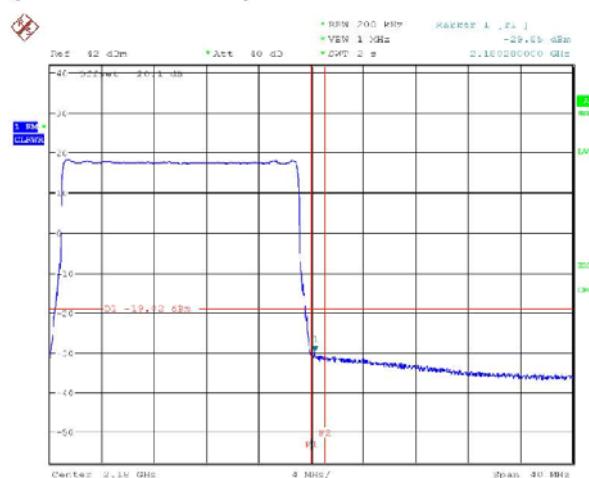
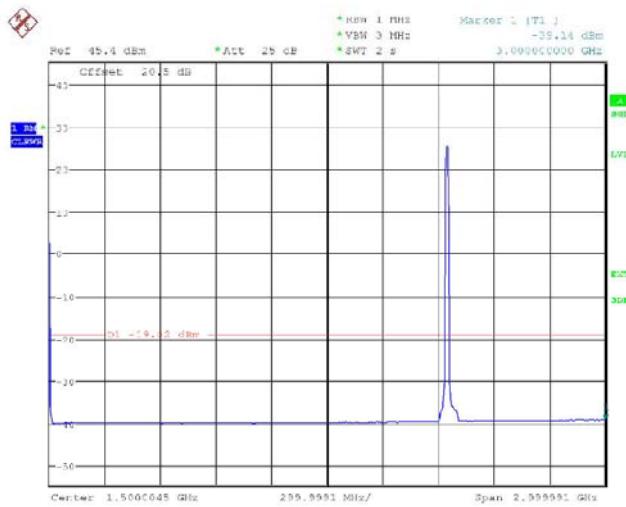


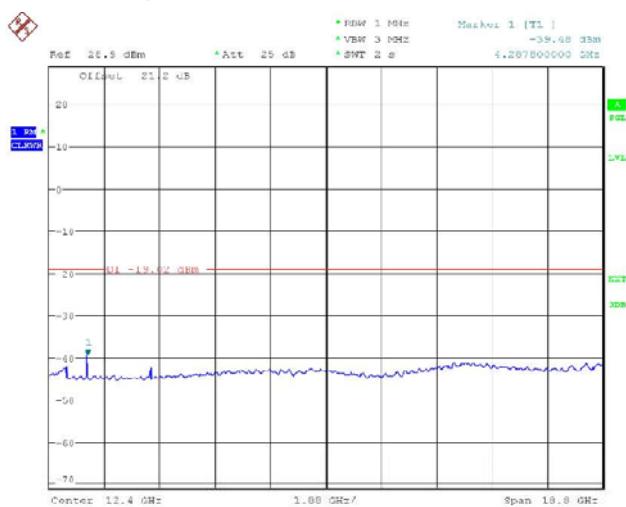
Figure 174 Spurious Emissions (Upper Band Edge) – QPSK (2170.0 MHz) (20MHz Channel BW)



Product Service

FCC ID:
VBNAHIB-Test Report No:
D556049976

Date: 5.MAY.2017 10:26:37

Figure 175 Spurious Emissions (9kHz – 3GHz) - QPSK (2145.0 MHz) (20MHz Channel BW)

Date: 5.MAY.2017 10:27:25

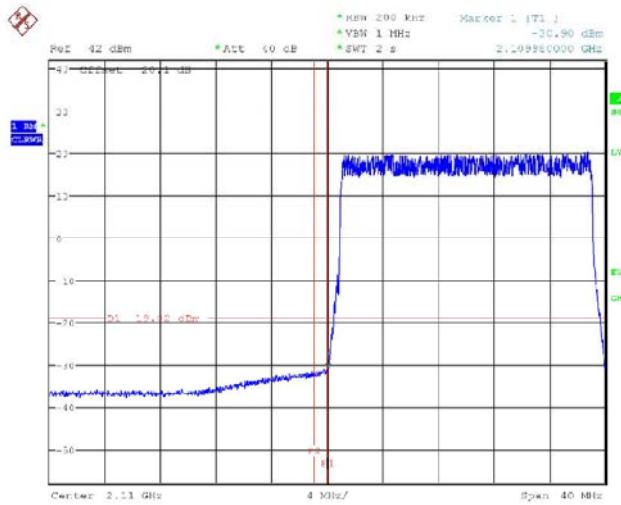
Figure 176 Spurious Emissions (3GHz – 21.8GHz) – QPSK (2145.0 MHz) (20MHz Channel BW)



Product Service

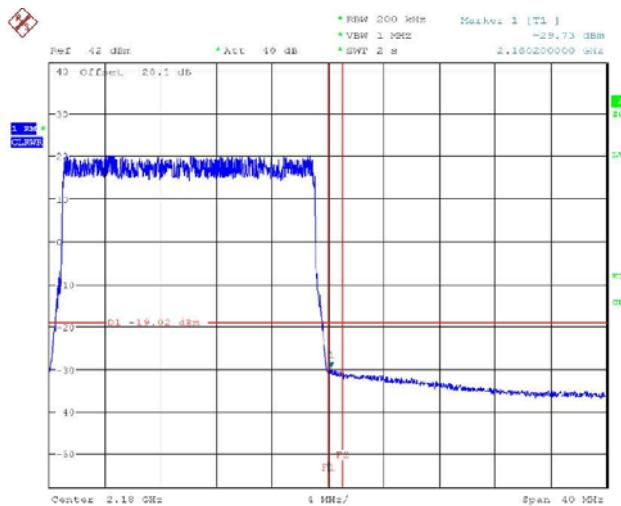
FCC ID:
VBNAHIB-

Test Report No:
D556049976



Date: 5.MAY.2017 10:18:50

Figure 177 Spurious Emissions (Lower Band Edge) – 16QAM (2120.0 MHz) (20MHz Channel BW)



Date: 5.MAY.2017 10:15:08

Figure 178 Spurious Emissions (Upper Band Edge) – 16QAM (2170.0 MHz) (20MHz Channel BW)

FCC 47 CFR part 27
(2016)

16. May 2017

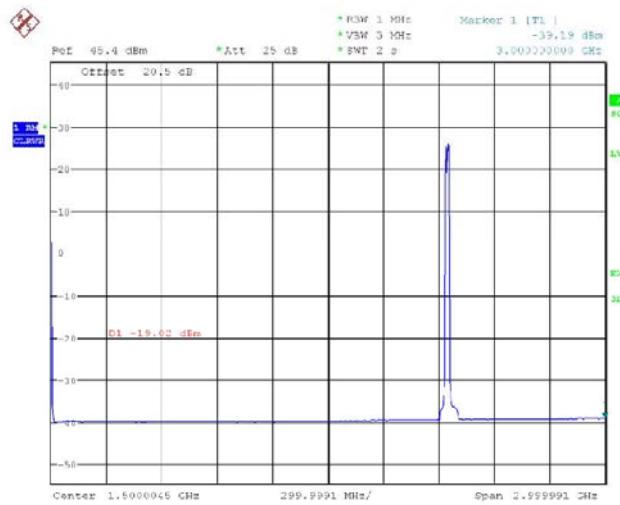
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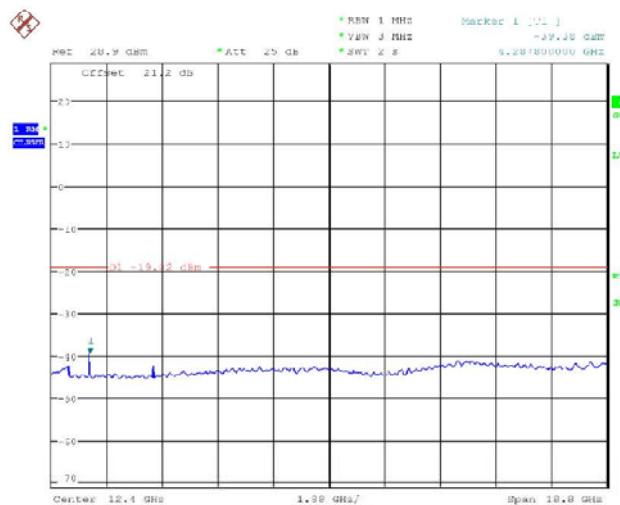
FCC ID:
VBNAHIB-

Test Report No:
D556049976



Date: 5.MAY.2017 10:30:02

Figure 179 Spurious Emissions (9kHz – 3GHz) – 16QAM (2145.0 MHz) (20MHz Channel BW)



Date: 5.MAY.2017 10:30:51

Figure 180 Spurious Emissions (3GHz – 21.8GHz) – 16QAM (2145.0 MHz) (20MHz Channel BW)

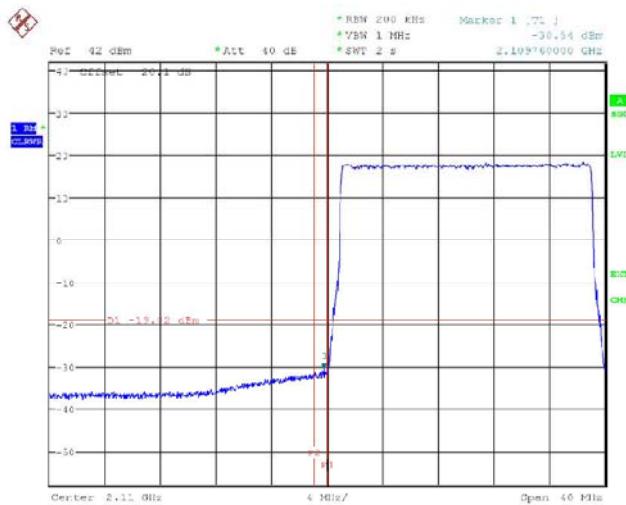
FCC 47 CFR part 27
(2016)

16. May 2017

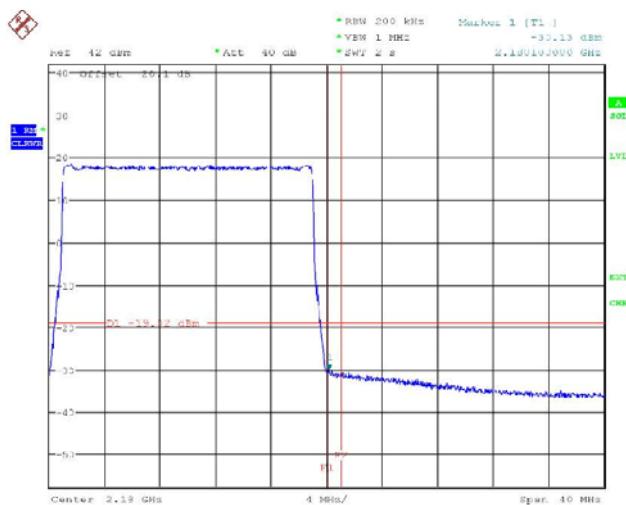
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FCC ID:
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D556049976

Date: 5.MAY.2017 10:21:20

Figure 181 Spurious Emissions (Lower Band Edge) – 64QAM (2120.0 MHz) (20MHz Channel BW)

Date: 5.MAY.2017 10:47:30

Figure 182 Spurious Emissions (Upper Band Edge) – 64QAM (2170.0 MHz) (20MHz Channel BW)FCC 47 CFR part 27
(2016)

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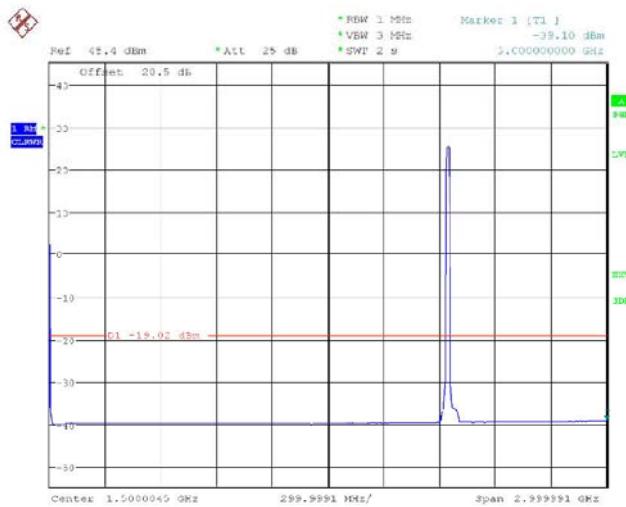
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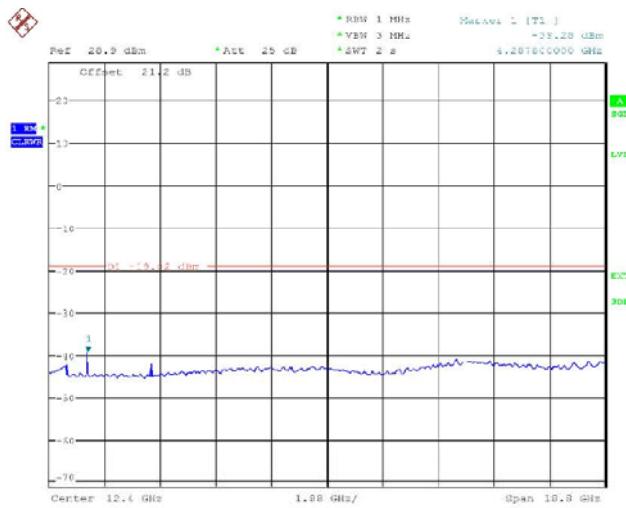
FCC ID:
VBNAHIB-

Test Report No:
D556049976



Date: 5.MAY.2017 10:33:30

Figure 183 Spurious Emissions (9kHz – 3GHz) – 64QAM (2145.0 MHz) (20MHz Channel BW)



Date: 5.MAY.2017 10:34:15

Figure 184 Spurious Emissions (3GHz – 21.8GHz) – 64QAM (2145.0 MHz) (20MHz Channel BW)

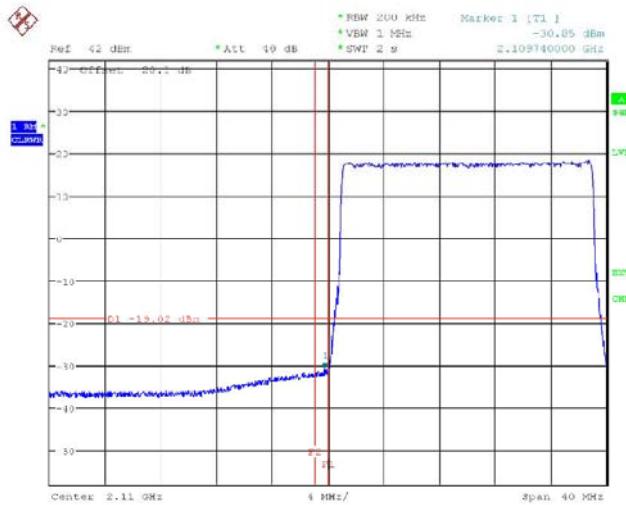
FCC 47 CFR part 27
(2016)

16. May 2017

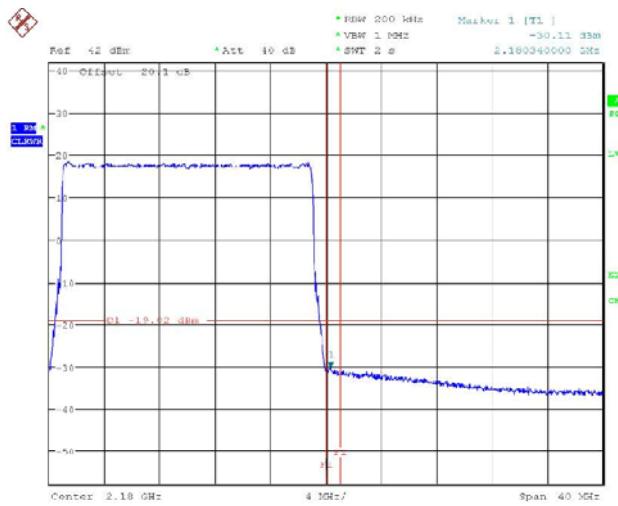
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FCC ID:
VBNAHIB-Test Report No:
D556049976

Date: 5.MAY.2017 10:23:35

Figure 185 Spurious Emissions (Lower Band Edge) – 256QAM (2120.0 MHz) (20MHz Channel BW)

Date: 5.MAY.2017 10:50:39

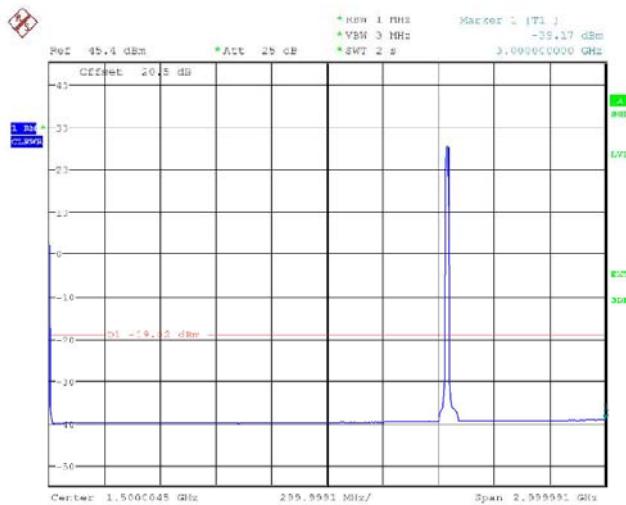
Figure 186 Spurious Emissions (Upper Band Edge) – 256QAM (2170.0 MHz) (20MHz Channel BW)FCC 47 CFR part 27
(2016)

16. May 2017

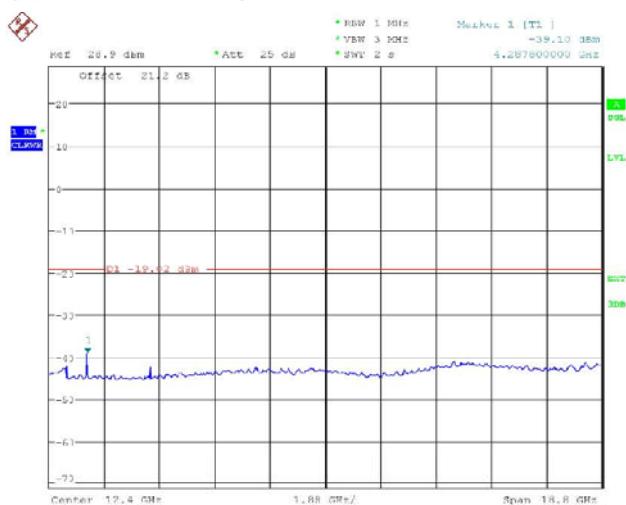
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FCC ID:
VBNAHIB-Test Report No:
D556049976

Date: 5.MAY.2017 10:37:06

Figure 187 Spurious Emissions (9kHz – 3GHz) – 256QAM (2145.0 MHz) (20MHz Channel BW)

Date: 5.MAY.2017 10:37:51

Figure 188 Spurious Emissions (3GHz – 21.8GHz) – 256QAM (2145.0 MHz) (20MHz Channel BW)FCC 47 CFR part 27
(2016)

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FCC ID:
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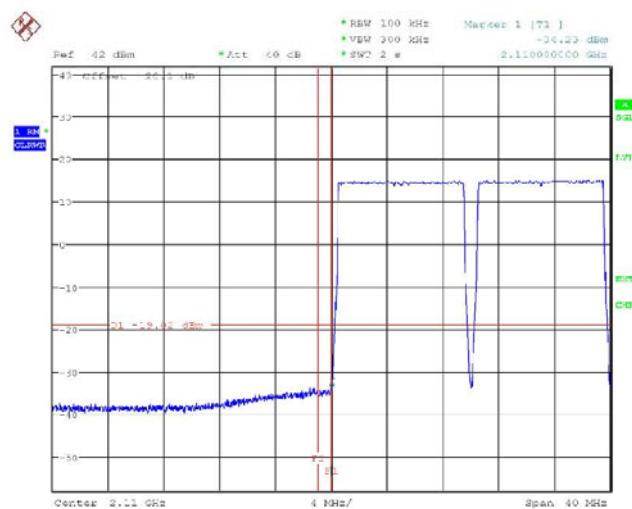
Config C ANT1:

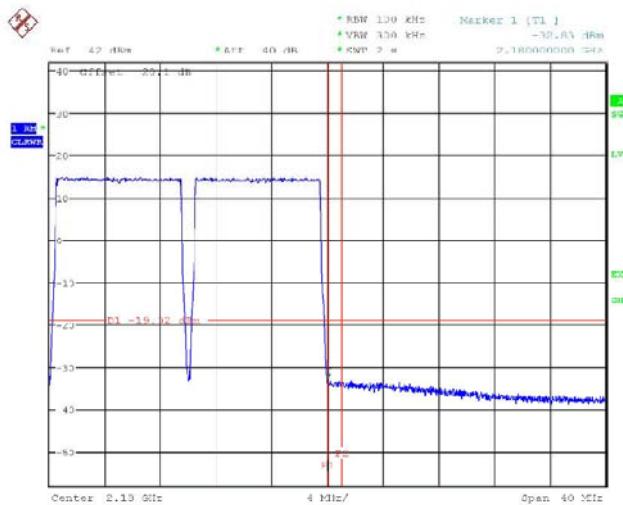
Figure 189 Spurious Emissions (Lower Band Edge) – QPSK (2115.0/2125.0 MHz) (10 MHz/10MHz Channel BW)



Product Service

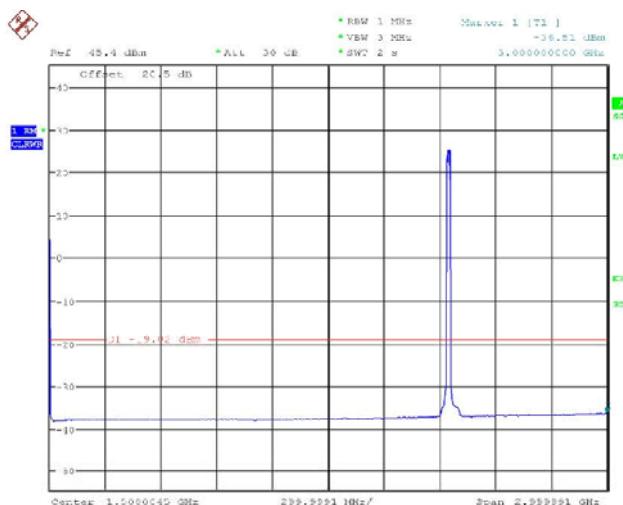
FCC ID:
VBNAHIB-

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Date: 2.MAY.2017 10:38:40

Figure 190 Spurious Emissions (Upper Band Edge) – QPSK (2165.0/2175.0 MHz) (10 MHz/10MHz Channel BW)



Date: 28.APR.2017 11:22:10

Figure 191 Spurious Emissions (9kHz – 3GHz) - QPSK (2140.0/2150.0 MHz) (10 MHz/10MHz Channel BW)

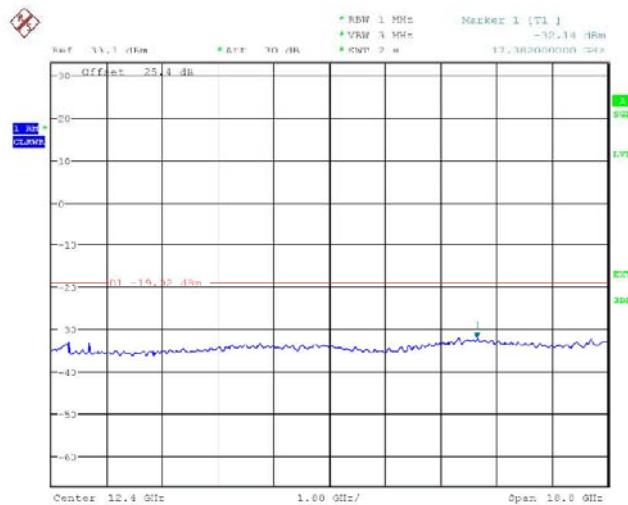
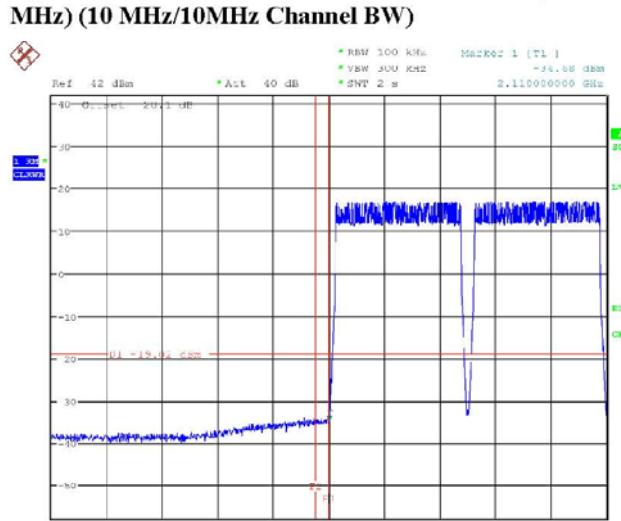
FCC 47 CFR part 27
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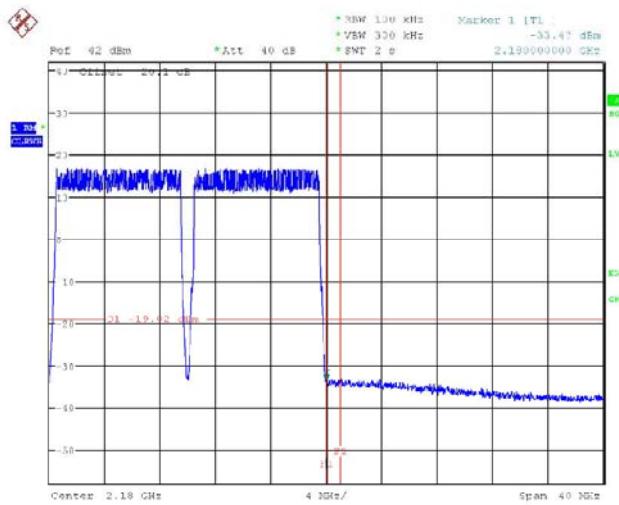


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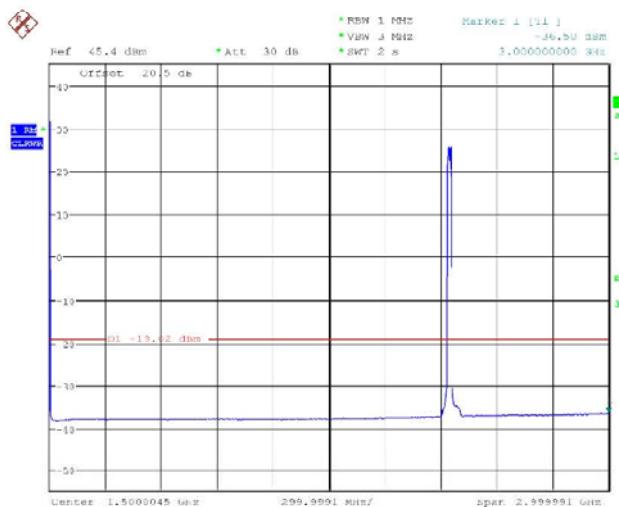
FCC ID:
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D556049976**Figure 192 Spurious Emissions (3GHz – 21.8GHz) – QPSK (2140.0/2150.0 MHz) (10 MHz/10MHz Channel BW)****Figure 193 Spurious Emissions (Lower Band Edge) – 16QAM (2115.0/2125.0 MHz) (10 MHz/10MHz Channel BW)**



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Date: 2.MAY.2017 10:44:42

Figure 194 Spurious Emissions (Upper Band Edge) – 16QAM (2165.0/2175.0 MHz) (10 MHz/10MHz Channel BW)

Date: 2.MAY.2017 09:01:45

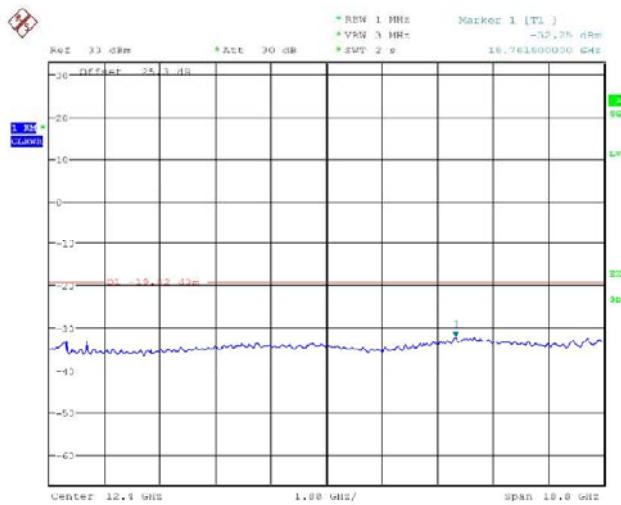
Figure 195 Spurious Emissions (9kHz – 3GHz) – 16QAM (2140.0/2150.0 MHz) (10 MHz/10MHz Channel BW)FCC 47 CFR part 27
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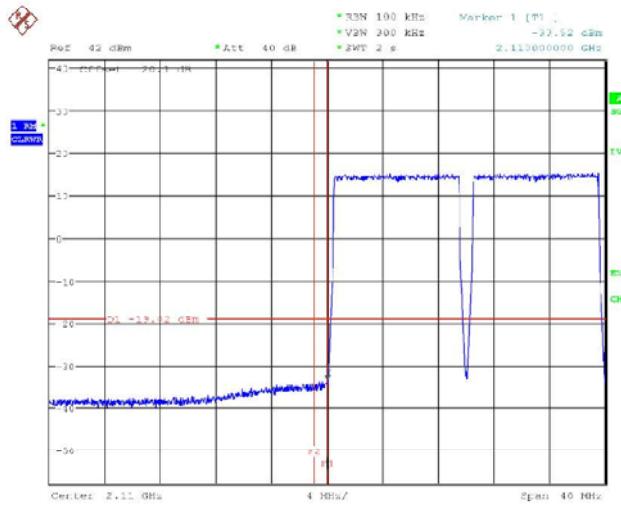
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Date: 2.MAY.2017 09:06:13

Figure 196 Spurious Emissions (3GHz – 21.8GHz) – 16QAM (2140.0/2150.0 MHz) (10 MHz/10MHz Channel BW)

Date: 28.APR.2017 10:42:59

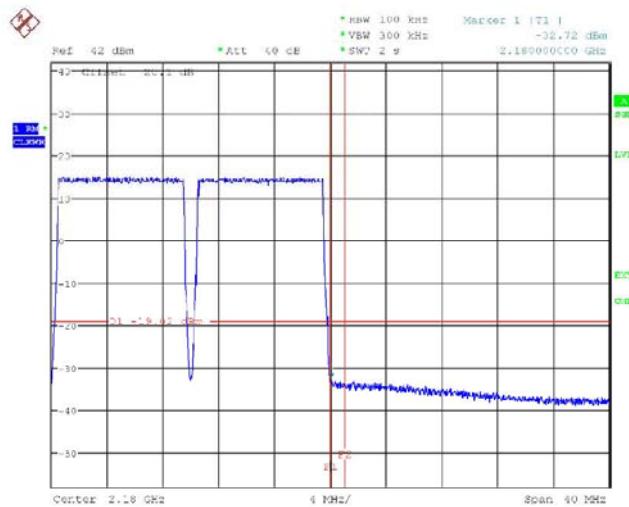
Figure 197 Spurious Emissions (Lower Band Edge) – 64QAM (2115.0/2125.0 MHz) (10 MHz/10MHz Channel BW)FCC 47 CFR part 27
(2016)

16. May 2017

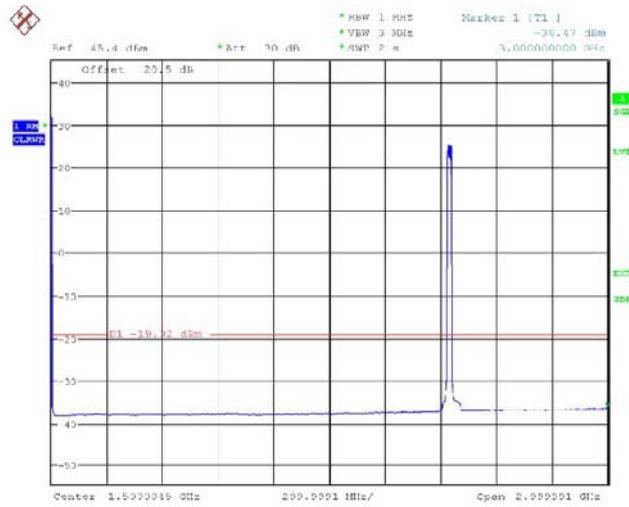
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Date: 2.MAY.2017 10:52:50

Figure 198 Spurious Emissions (Upper Band Edge) – 64QAM (2165.0/2175.0 MHz) (10 MHz/10MHz Channel BW)

Date: 2.MAY.2017 09:58:17

Figure 199 Spurious Emissions (9kHz – 3GHz) – 64QAM (2140.0/2150.0 MHz) (10 MHz/10MHz Channel BW)FCC 47 CFR part 27
(2016)

16. May 2017

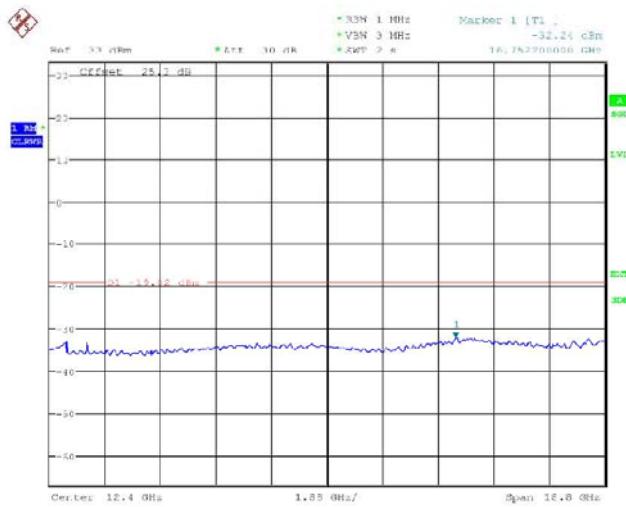
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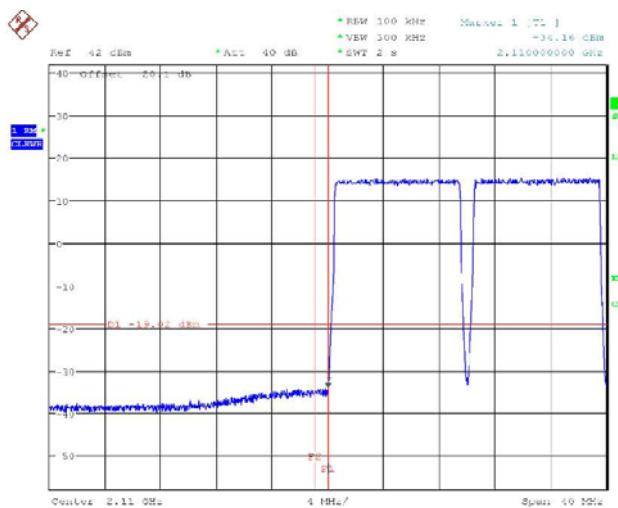
FCC ID:
VBNAHIB-

Test Report No:
D556049976



Date: 2.MAY.2017 09:59:25

Figure 200 Spurious Emissions (3GHz – 21.8GHz) – 64QAM (2140.0/2150.0 MHz) (10 MHz/10MHz Channel BW)



Date: 26.APR.2017 10:50:11

Figure 201 Spurious Emissions (Lower Band Edge) – 256QAM (2115.0/2125.0 MHz) (10 MHz/10MHz Channel BW)

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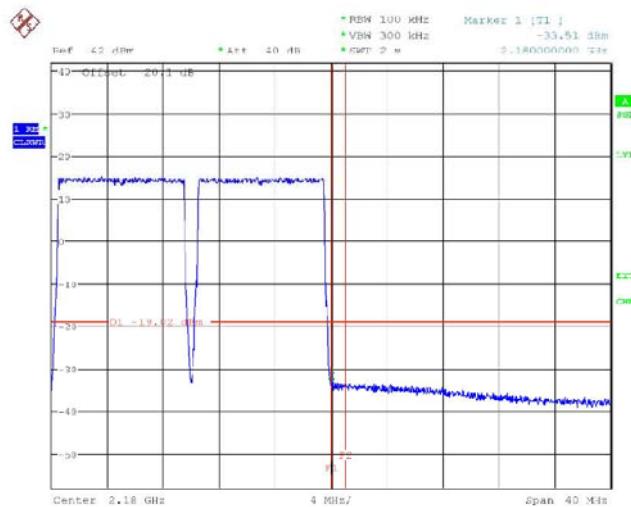
FCC ID:
VBNAHIB-Test Report No:
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Figure 202 Spurious Emissions (Upper Band Edge) – 256QAM (2165.0/2175.0 MHz) (10 MHz/10MHz Channel BW)

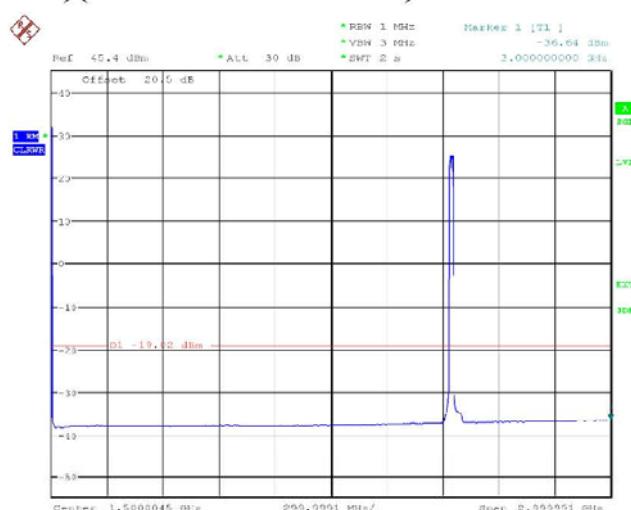


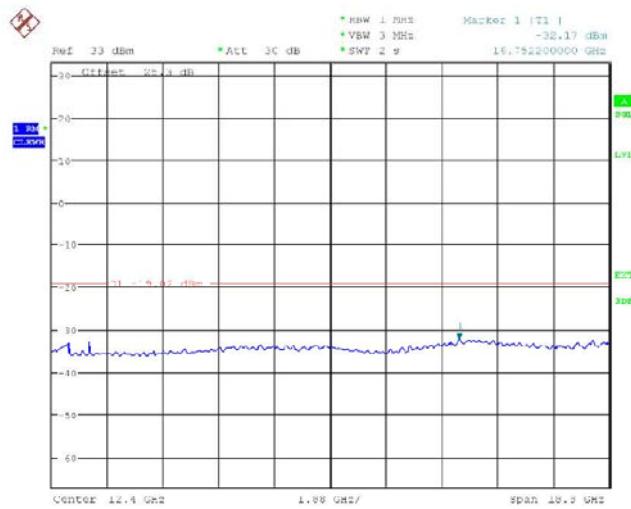
Figure 203 Spurious Emissions (9kHz – 3GHz) – 256QAM (2140.0/2150.0 MHz) (10 MHz/10MHz Channel BW)



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FCC ID:
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Date: 2.MAY.2017 10:05:25

Figure 204 Spurious Emissions (3GHz – 21.8GHz) – 256QAM (2140.0/2150.0 MHz) (10 MHz/10MHz Channel BW)