



FCC ID: VBNAHIB-01

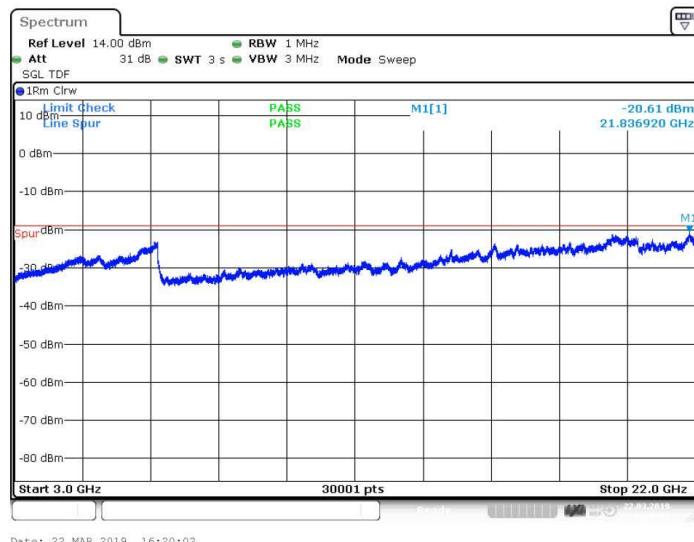
Test Report No:
Typeappr-1508717799-612

Figure 80 Spurious Emissions (3 GHz – 22 GHz) – 64QAM (2655 MHz, 15 MHz Channel BW)

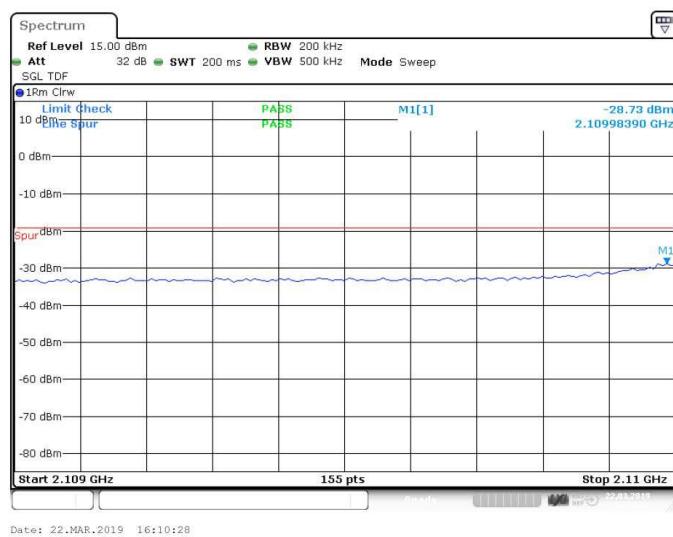
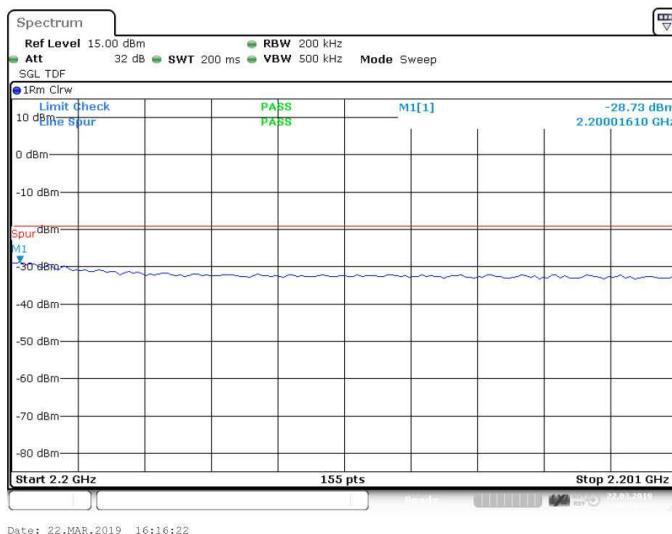


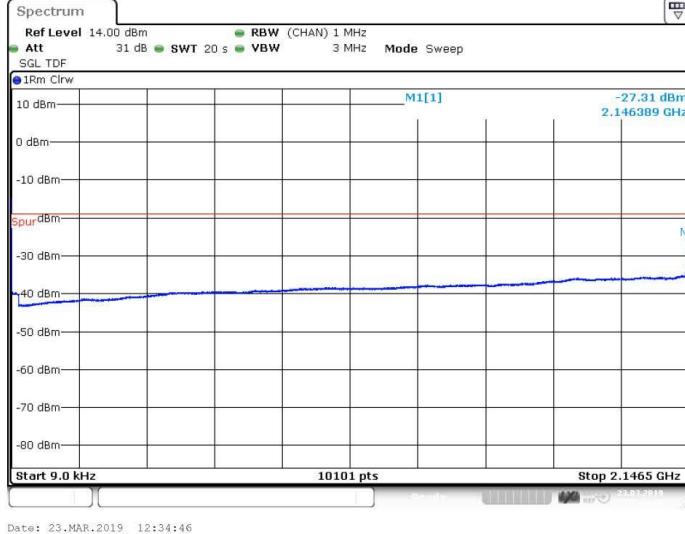
Figure 81 Spurious Emissions (Lower Band Edge) – 256QAM (2117.5 MHz, 15 MHz Channel BW)



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Date: 22.MAR.2019 16:16:22

Figure 82 Spurious Emissions (Upper Band Edge) – 256QAM (2192.5 MHz, 15 MHz Channel BW)

Date: 23.MAR.2019 12:34:46

Figure 83 Spurious Emissions (9kHz – 2.1465 GHz) – 256QAM (2155 MHz, 15 MHz Channel BW)



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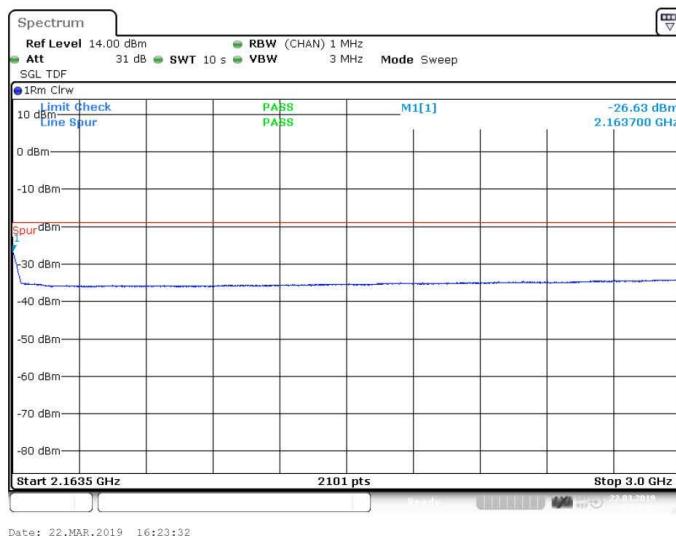
Test Report No:
Typeappr-1508717799-612

Figure 84 Spurious Emissions (2.1635 GHz – 3 GHz) – 256QAM (2155 MHz, 15 MHz Channel BW)

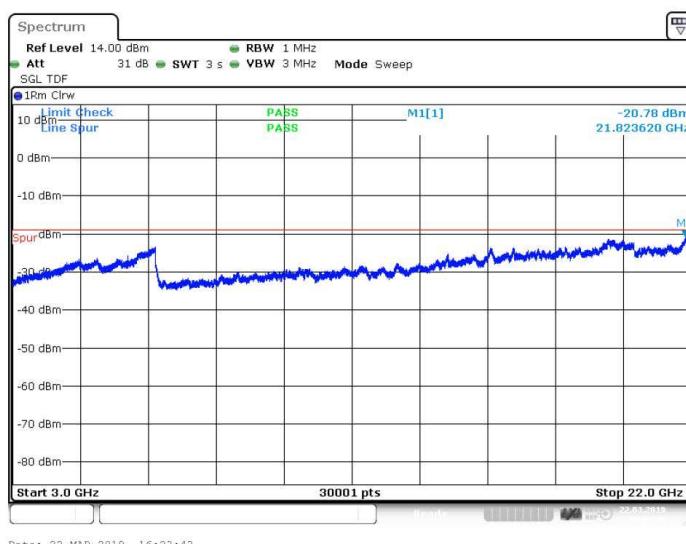


Figure 85 Spurious Emissions (3 GHz – 22 GHz) – 256QAM (2655 MHz, 15 MHz Channel BW)



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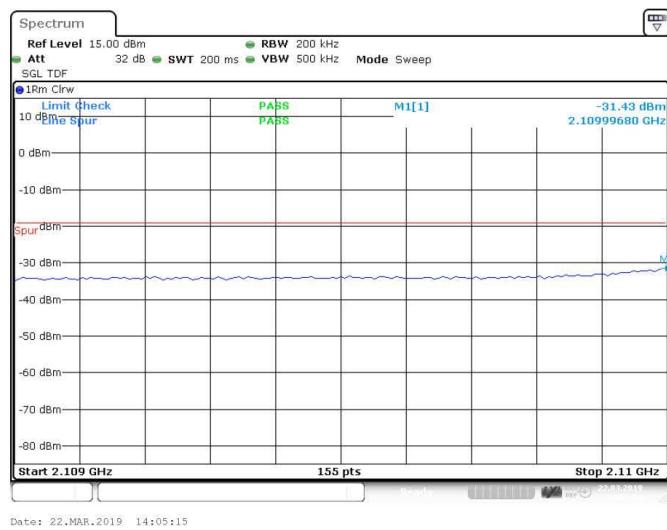
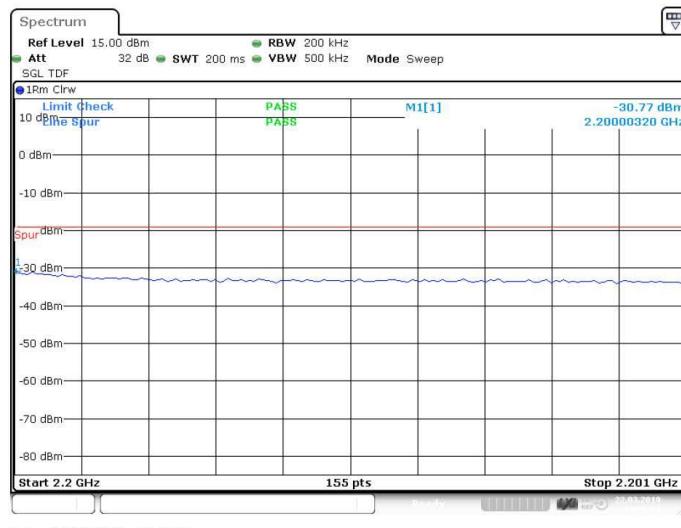
Config D ANT4:

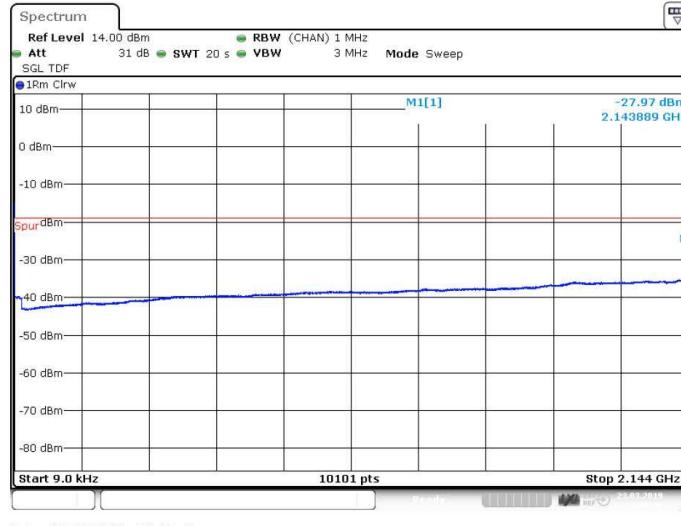
Figure 86 Spurious Emissions (Lower Band Edge) – QPSK (2120 MHz, 20 MHz Channel BW)



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Date: 22.MAR.2019 14:16:54

Figure 87 Spurious Emissions (Upper Band Edge) – QPSK (2190 MHz, 20 MHz Channel BW)

Date: 23.MAR.2019 13:36:40

Figure 88 Spurious Emissions (9kHz – 2.144 GHz) – QPSK (2155 MHz, 20 MHz Channel BW)



FCC ID: VBNAHIB-01

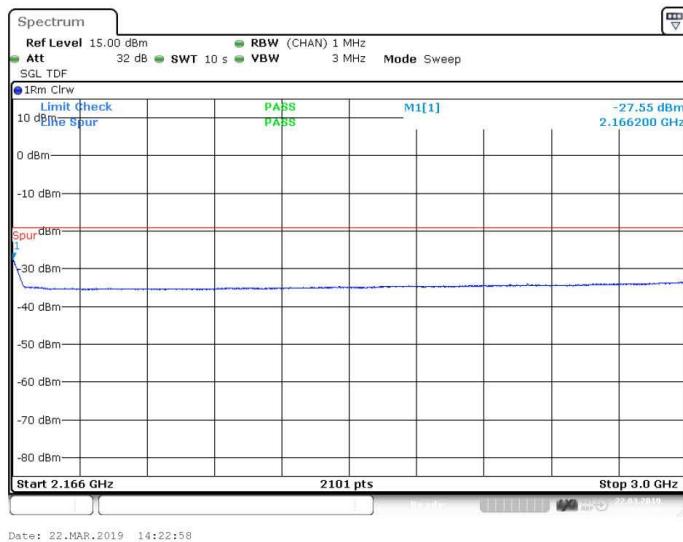
Test Report No:
Typeappr-1508717799-612

Figure 89 Spurious Emissions (2.166 GHz – 3 GHz) – QPSK (2155 MHz, 20 MHz Channel BW)

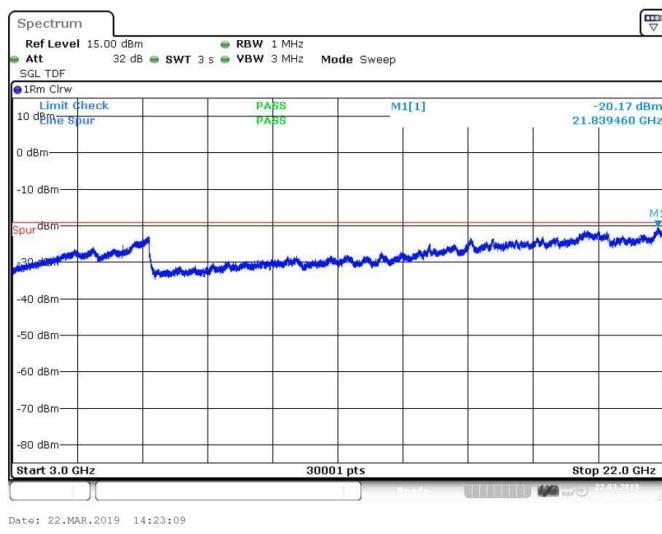


Figure 90 Spurious Emissions (3 GHz – 22 GHz) – QPSK (2155 MHz, 20 MHz Channel BW)



FCC ID: VBNAHIB-01

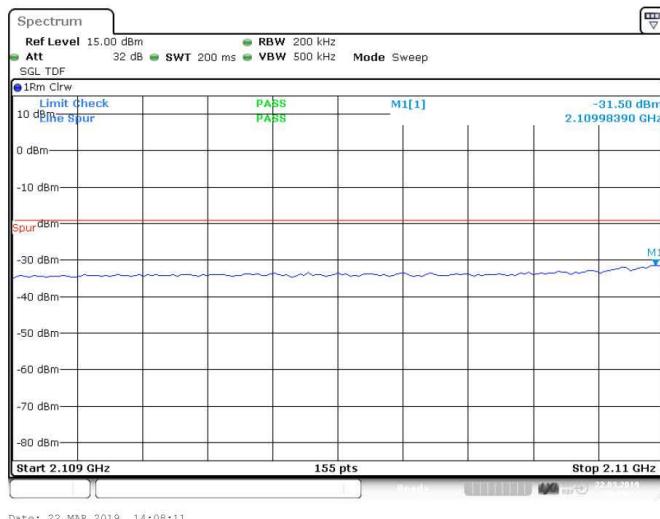
Test Report No:
Typeappr-1508717799-612

Figure 91 Spurious Emissions (Lower Band Edge) – 16QAM (2120 MHz, 20 MHz Channel BW)

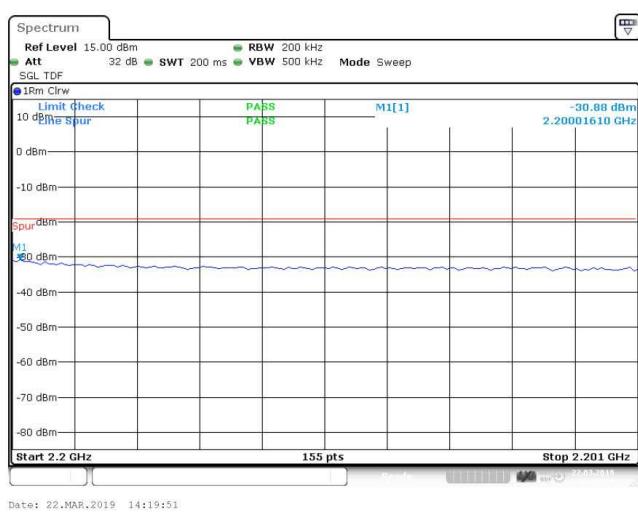
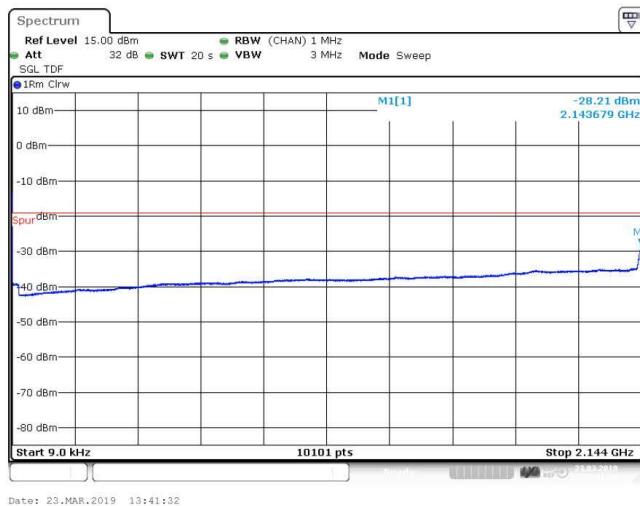
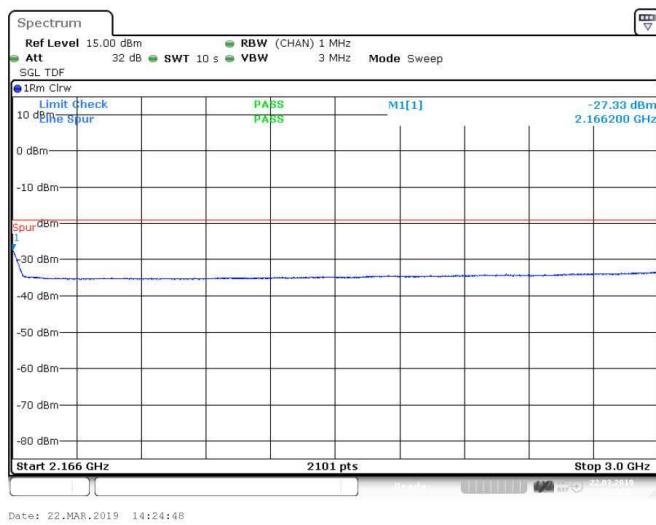


Figure 92 Spurious Emissions (Upper Band Edge) – 16QAM (2190 MHz, 20 MHz Channel BW)



FCC ID: VBNAHIB-01

Test Report No:
Typeappr-1508717799-612**Figure 93 Spurious Emissions (9kHz – 2.144 GHz) – 16QAM (2155 MHz, 20 MHz Channel BW)****Figure 94 Spurious Emissions (2.166 GHz – 3 GHz) – 16QAM (155 MHz, 20 MHz Channel BW)**



FCC ID: VBNAHIB-01

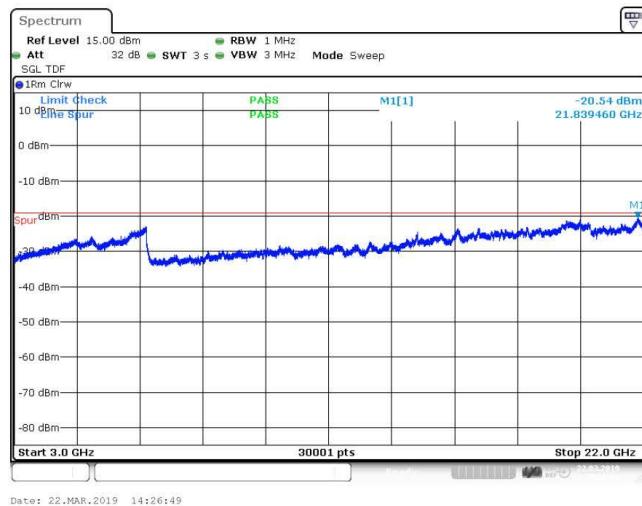
Test Report No:
Typeappr-1508717799-612

Figure 95 Spurious Emissions (3 GHz – 22 GHz) – 16QAM (2655 MHz, 20 MHz Channel BW)

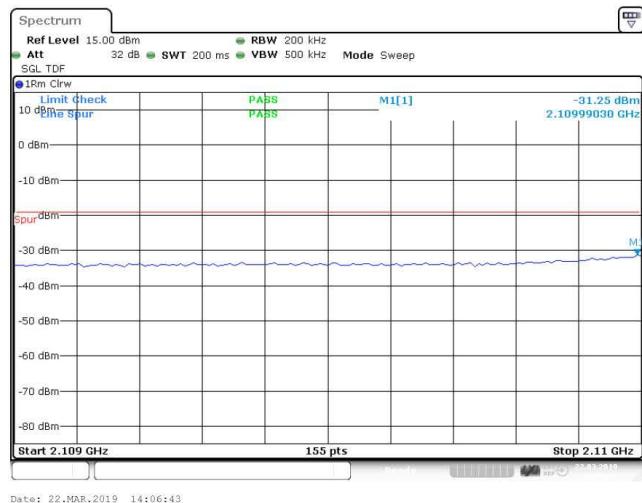


Figure 96 Spurious Emissions (Lower Band Edge) – 64QAM (2120 MHz, 20 MHz Channel BW)



FCC ID: VBNAHIB-01

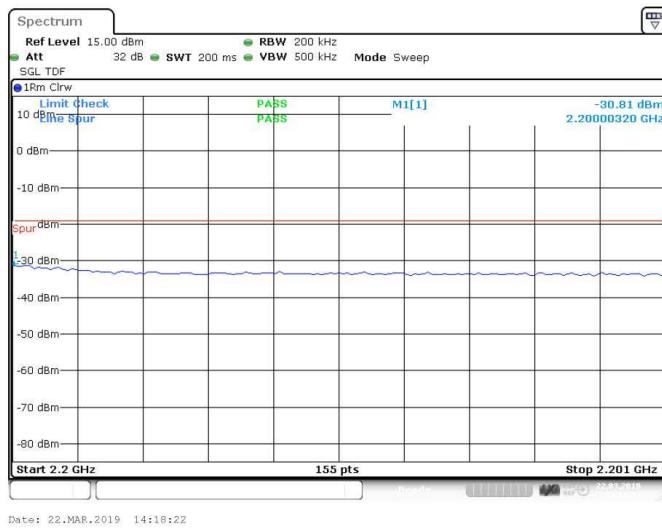
Test Report No:
Typeappr-1508717799-612

Figure 97 Spurious Emissions (Upper Band Edge) – 64QAM (2190 MHz, 20 MHz Channel BW)

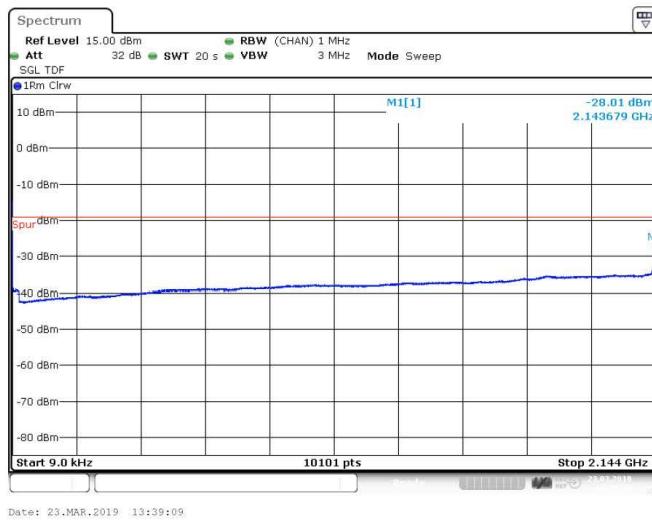
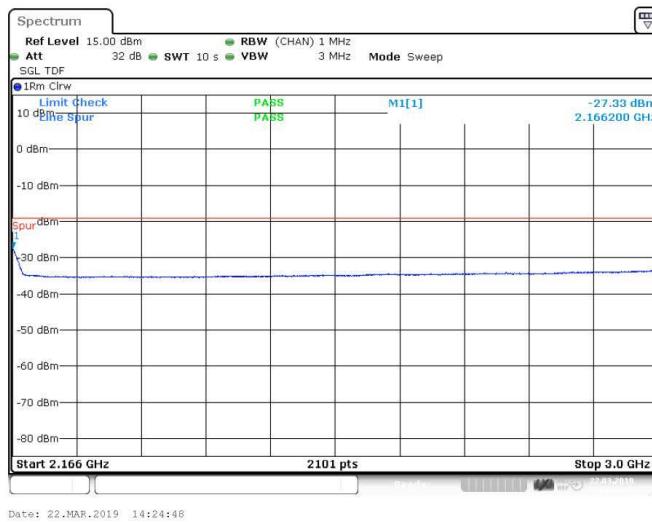
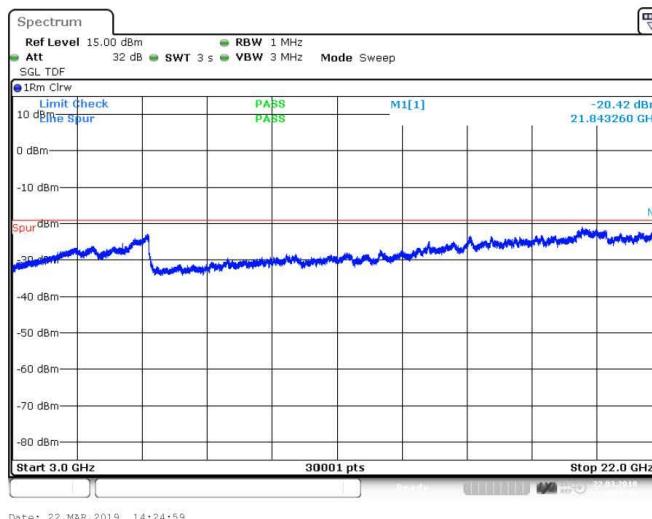


Figure 98 Spurious Emissions (9kHz – 2.144 GHz) – 64QAM (2155 MHz, 20 MHz Channel BW)

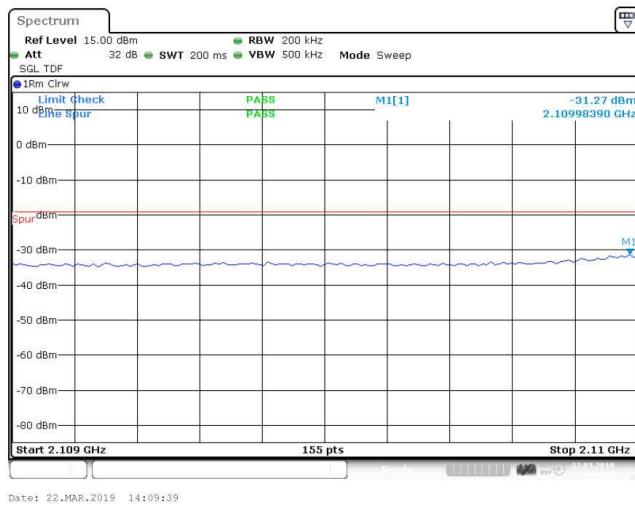
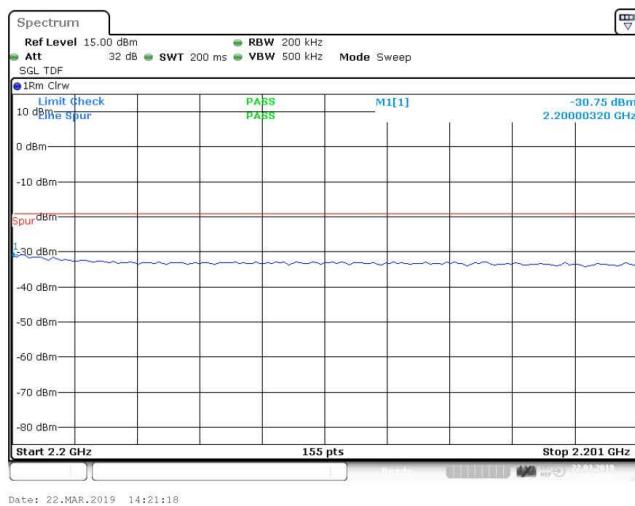


FCC ID: VBNAHIB-01

Test Report No:
Typeappr-1508717799-612**Figure 99 Spurious Emissions (2.166 GHz – 3 GHz) – 64QAM (2155 MHz, 20 MHz Channel BW)****Figure 100 Spurious Emissions (3 GHz – 12 GHz) – 64QAM (2155 MHz, 20 MHz Channel BW)**



FCC ID: VBNAHIB-01

Test Report No:
Typeapp-1508717799-612**Figure 101 Spurious Emissions (Lower Band Edge) – 256QAM (2120 MHz, 20 MHz Channel BW)****Figure 102 Spurious Emissions (Upper Band Edge) – 256QAM (2190 MHz, 20 MHz Channel BW)**



FCC ID: VBNAHIB-01

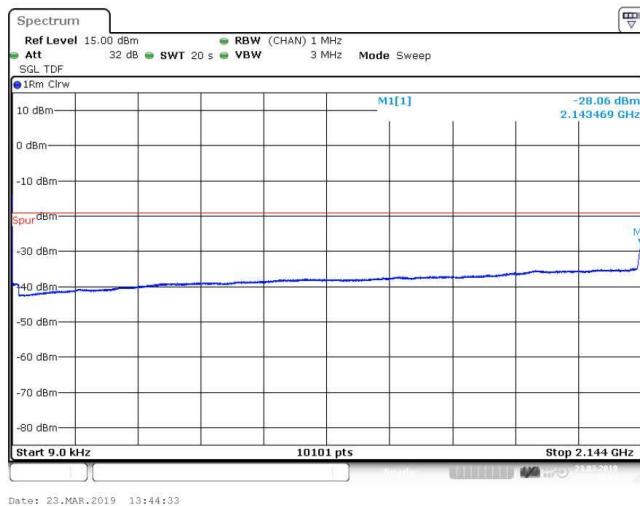
Test Report No:
Typeappr-1508717799-612

Figure 103 Spurious Emissions (9kHz – 2.144 GHz) – 256QAM (2155 MHz, 20 MHz Channel BW)

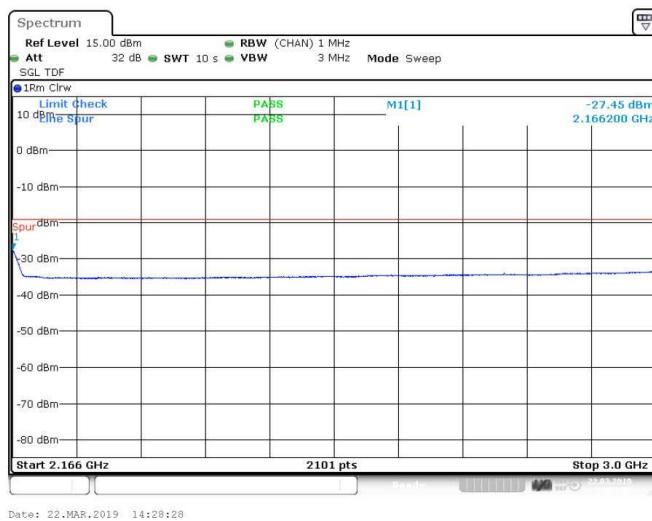


Figure 104 Spurious Emissions (2.166 GHz – 3 GHz) – 256QAM (2155 MHz, 20 MHz Channel BW)



FCC ID: VBNAHIB-01

Test Report No:
Typeappr-1508717799-612

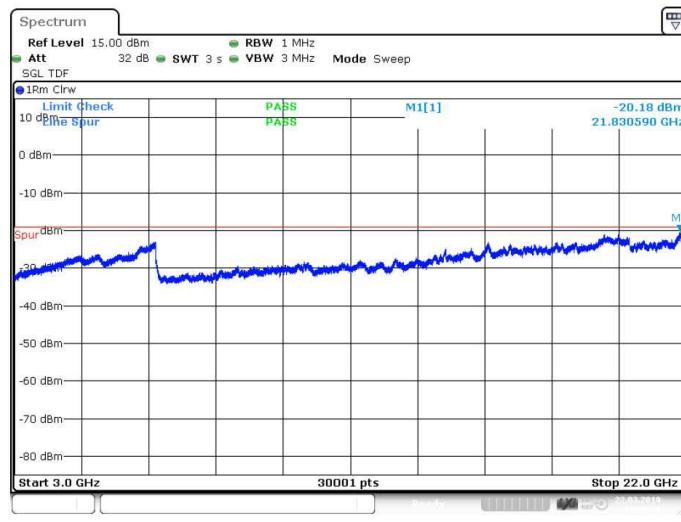


Figure 105 Spurious Emissions (3 GHz – 22 GHz) – 256QAM (2155 MHz, 20 MHz Channel BW)



FCC ID: VBNAHIB-01

Test Report No:
Typeappr-1508717799-612

5.2.4. Test No. 5: Field Strength of Spurious Radiation

Config A, B, C, D:

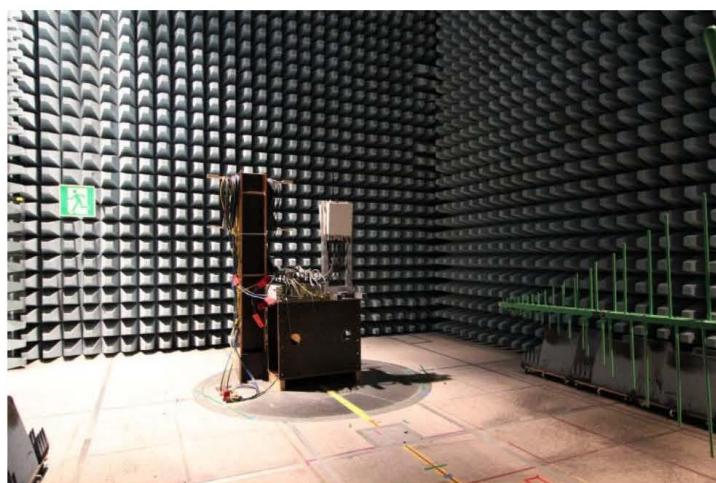
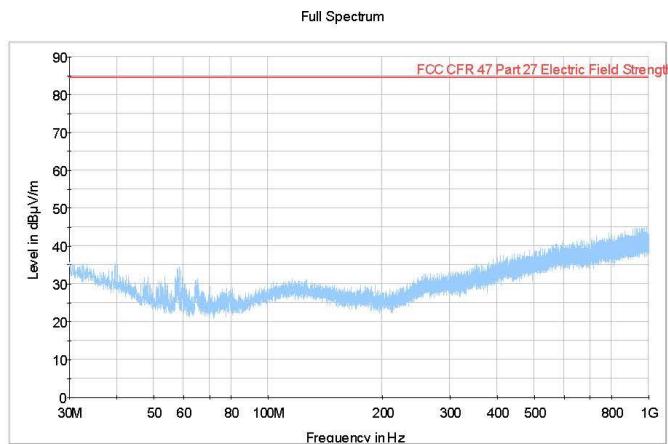
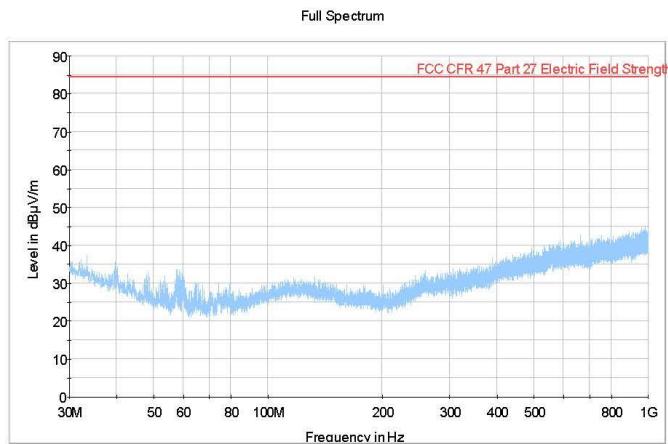


Figure 106 Photograph of the anechoic chamber with the EUT



FCC ID: VBNAHIB-01

Test Report No:
Typeappr-1508717799-612FCC 47 CFR part 27**Config A:****Figure 107 Radiated Emission 30 MHz – 1 GHz (2112.5MHz) (5MHz Channel BW)****Figure 108 Radiated Emission 30 MHz – 1 GHz (2155MHz) (5MHz Channel BW)**



FCC ID: VBNAHIB-01

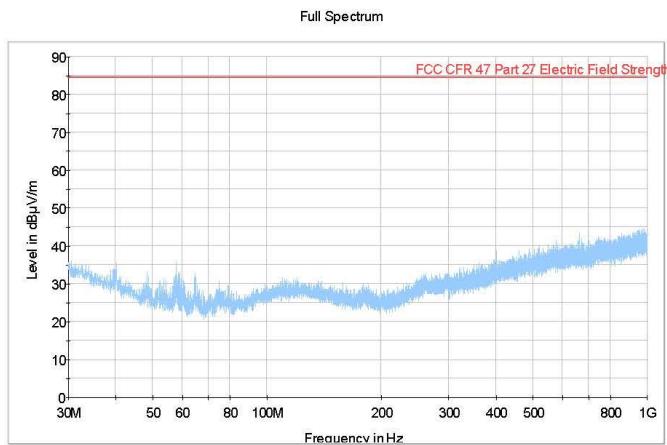
Test Report No:
Typeappr-1508717799-612

Figure 109 Radiated Emission 30 MHz – 1 GHz (2197.5 MHz) (5MHz Channel BW)

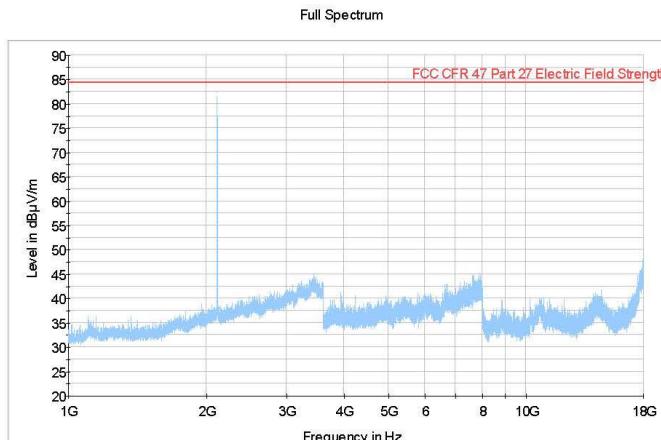


Figure 110 Radiated Emission 1 GHz – 18 GHz (2112.5MHz) (5MHz Channel BW)



FCC ID: VBNAHIB-01

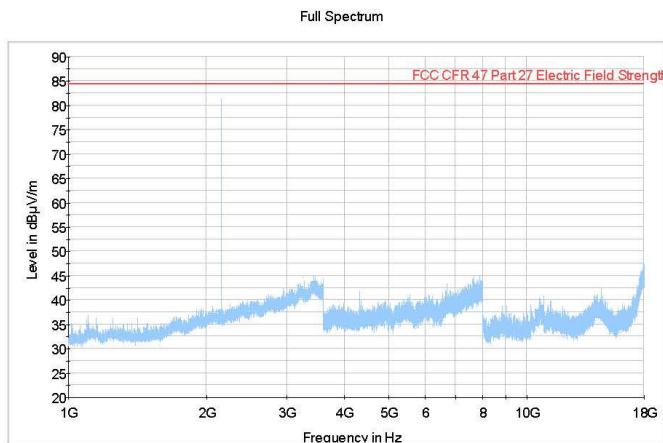
Test Report No:
Typeappr-1508717799-612

Figure 111 Radiated Emission 1 GHz – 18 GHz (2155MHz) (5MHz Channel BW)

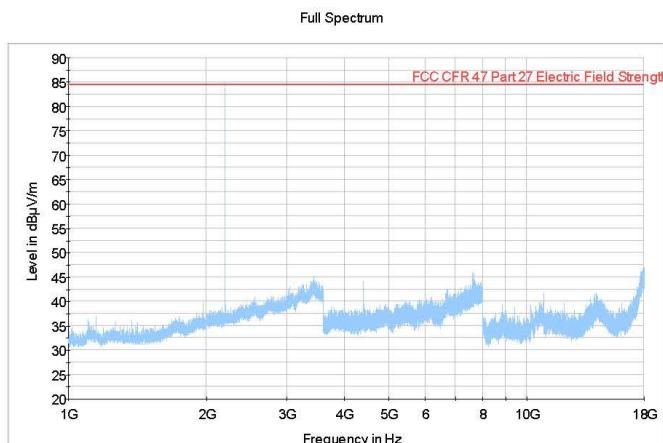


Figure 112 Radiated Emission 1 GHz – 18 GHz (2197.5MHz) (5MHz Channel BW)



FCC ID: VBNAHIB-01

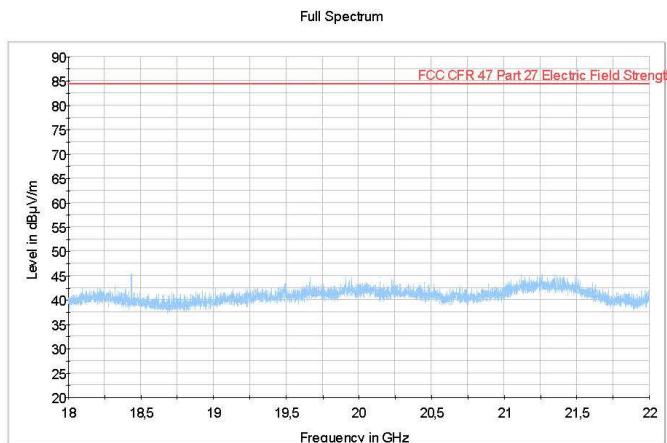
Test Report No:
Typeappr-1508717799-612

Figure 113 Radiated Emission 18 GHz – 22 GHz (2112.5MHz) (5MHz Channel BW)

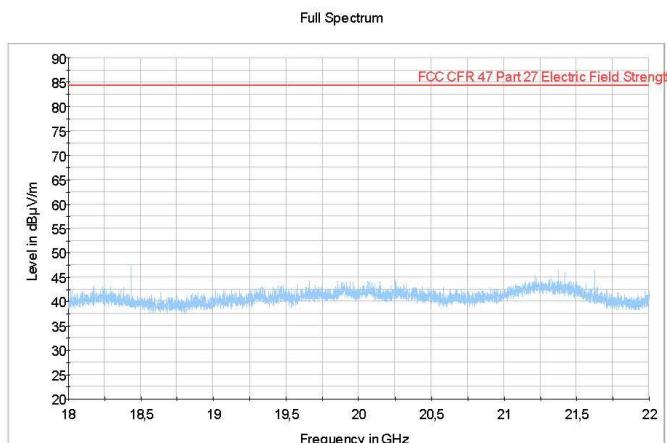


Figure 114 Radiated Emission 18 GHz – 22GHz (2155MHz) (5MHz Channel BW)



FCC ID: VBNAHIB-01

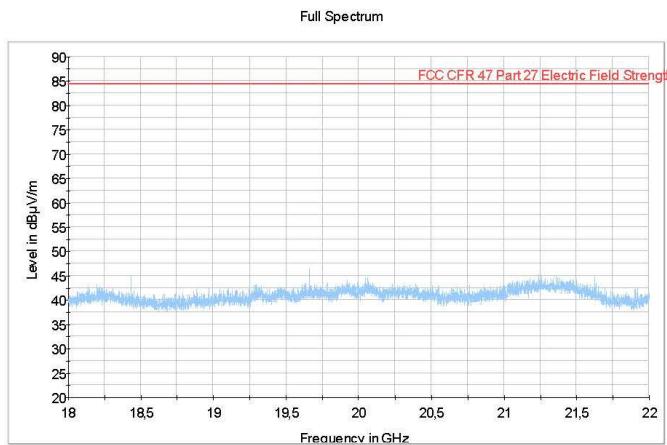
Test Report No:
Typeappr-1508717799-612

Figure 115 Radiated Emission 18 GHz – 22 GHz (2197.5MHz) (5MHz Channel BW)

Config B:

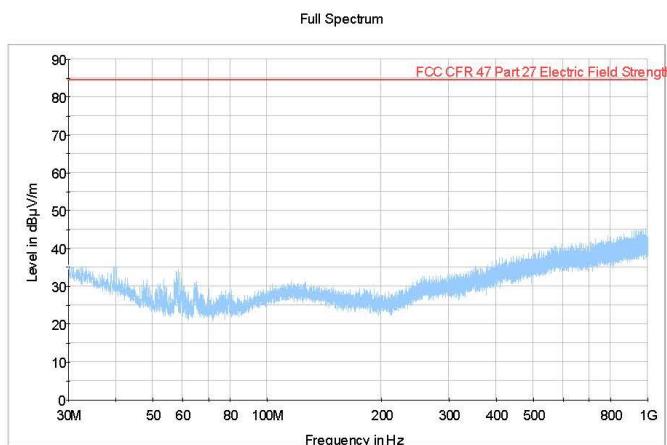


Figure 116 Radiated Emission 30 MHz – 1 GHz (2115MHz) (10MHz Channel BW)



FCC ID: VBNAHIB-01

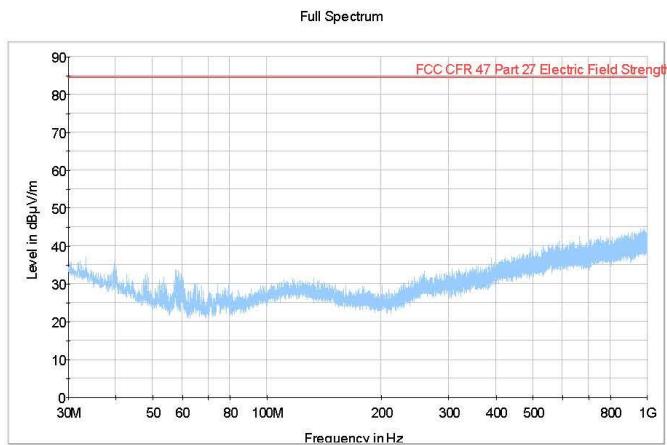
Test Report No:
Typeappr-1508717799-612

Figure 117 Radiated Emission 30 MHz – 1 GHz (2155MHz) (10MHz Channel BW)

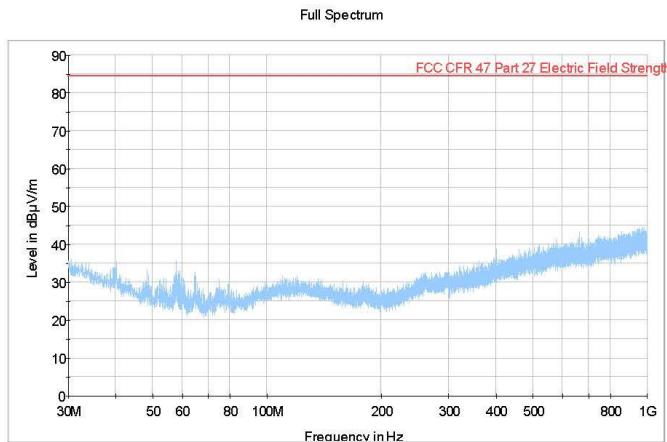


Figure 118 Radiated Emission 30 MHz – 1 GHz (2195MHz) (10MHz Channel BW)



FCC ID: VBNAHIB-01

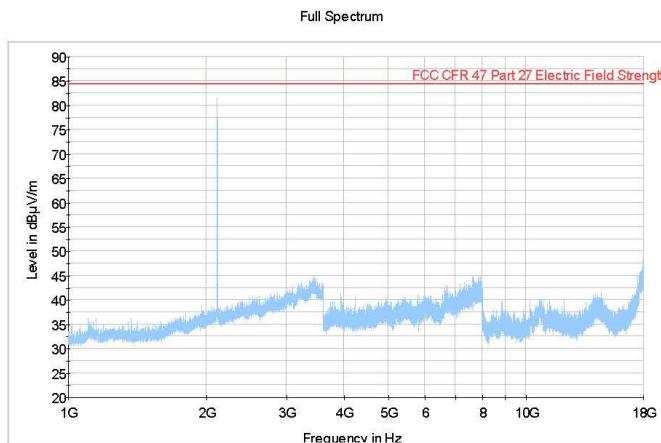
Test Report No:
Typeappr-1508717799-612

Figure 119 Radiated Emission 1GHz – 18GHz (2115MHz) (10MHz Channel BW)

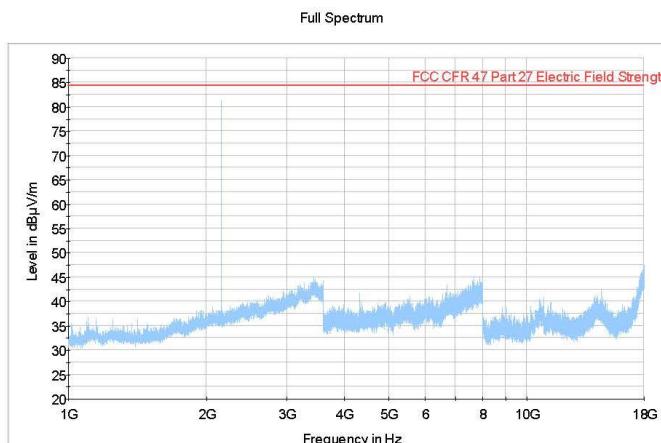


Figure 120 Radiated Emission 1GHz – 18GHz (2155MHz) (10MHz Channel BW)



FCC ID: VBNAHIB-01

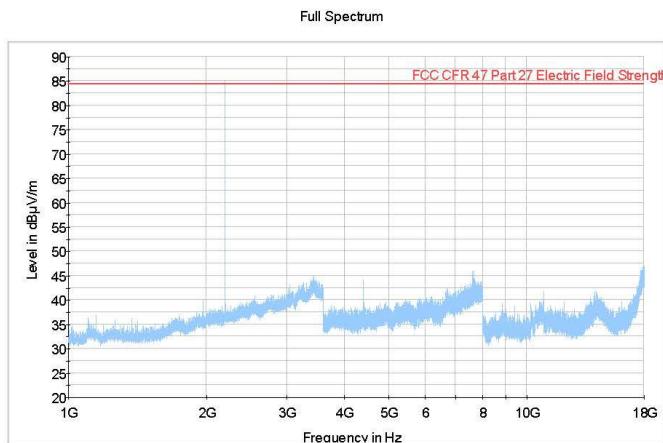
Test Report No:
Typeappr-1508717799-612

Figure 121 Radiated Emission 1GHz – 18GHz (2195MHz) (10MHz Channel BW)

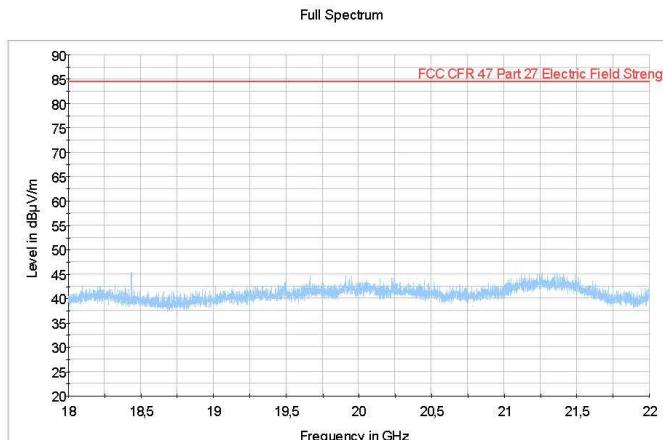


Figure 122 Radiated Emission 18 GHz – 22 GHz (2115MHz) (10MHz Channel BW)



FCC ID: VBNAHIB-01

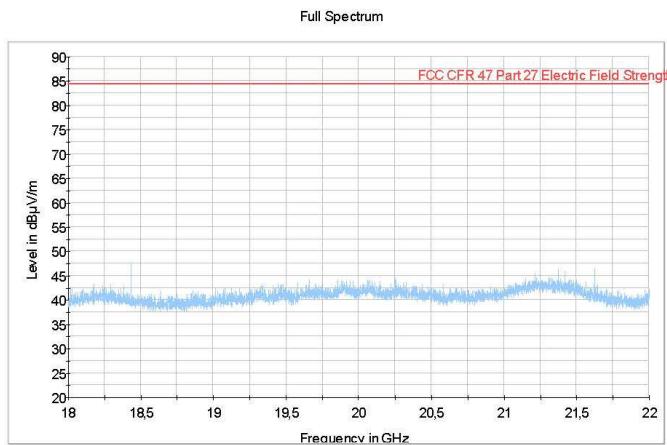
Test Report No:
Typeappr-1508717799-612

Figure 123 Radiated Emission 18 GHz – 22 GHz (2155MHz) (10MHz Channel BW)

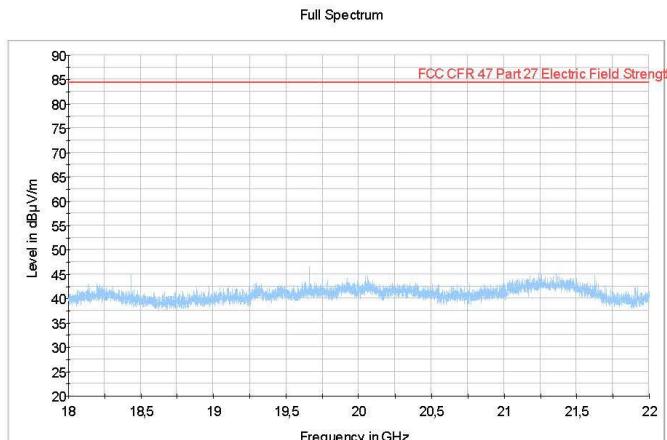


Figure 124 Radiated Emission 18 GHz – 22 GHz (2195MHz) (10MHz Channel BW)