



Product Service

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IC ID: 661A1-AHHB

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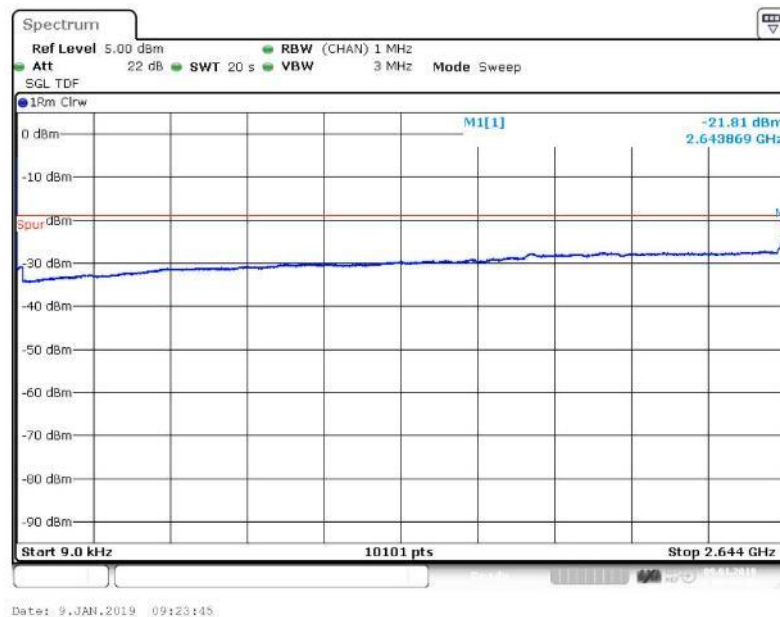


Figure 131 Spurious Emissions (9kHz – 2.644GHz) – 16QAM (2650 MHz, 2660 MHz, 2x10 MHz Channel BW)

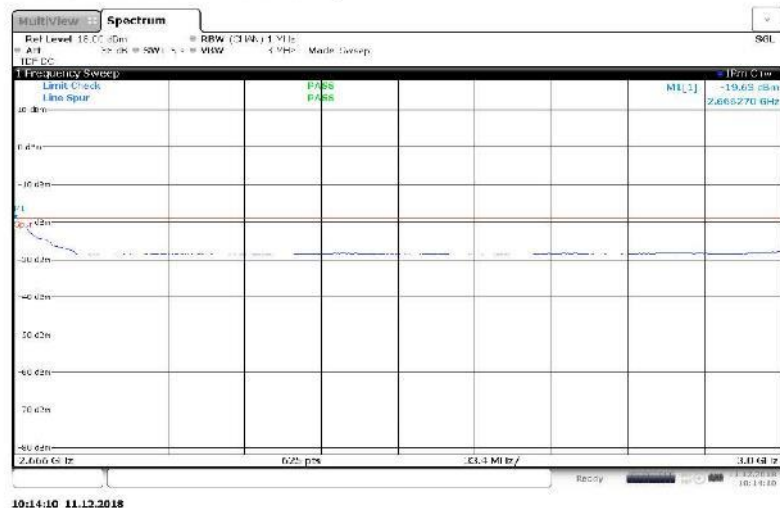


Figure 132 Spurious Emissions (2.666 GHz – 3 GHz) – 16QAM (2650 MHz, 2660 MHz, 2x10 Channel BW)



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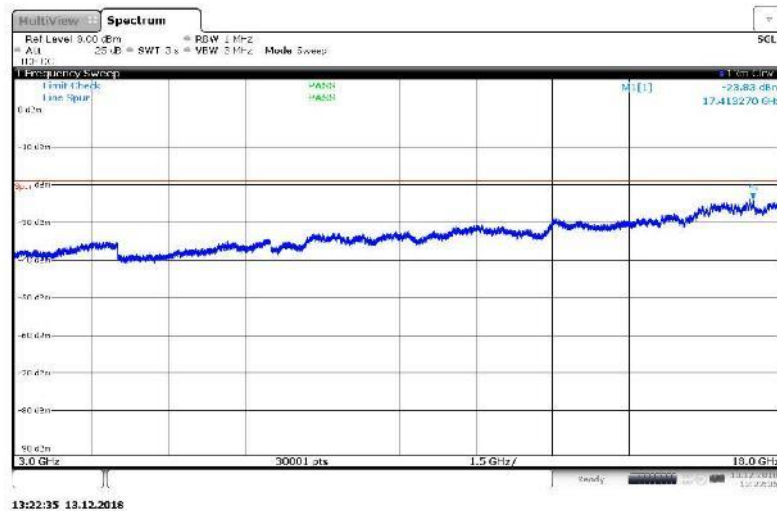


Figure 133 Spurious Emissions (3 GHz – 18GHz) – 16QAM (2650 MHz, 2660 MHz, 2x10 Channel BW)

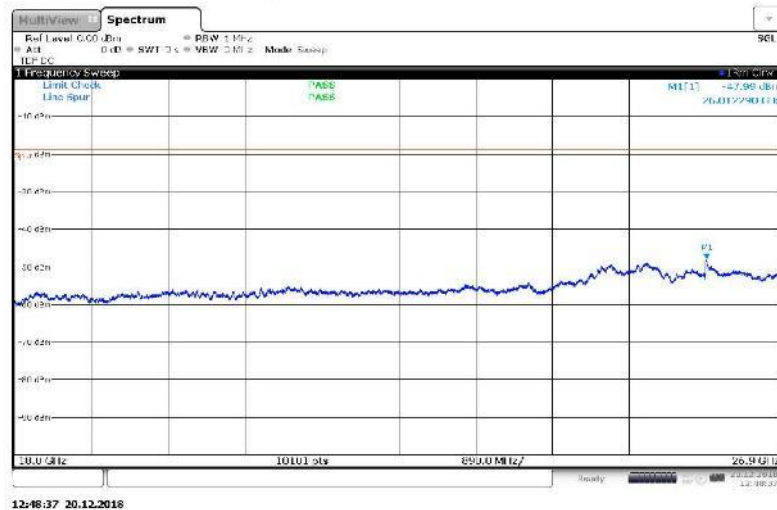


Figure 134 Spurious Emissions (18GHz – 26.9GHz) – 16QAM (2650 MHz, 2660 MHz, 2x10 Channel BW)



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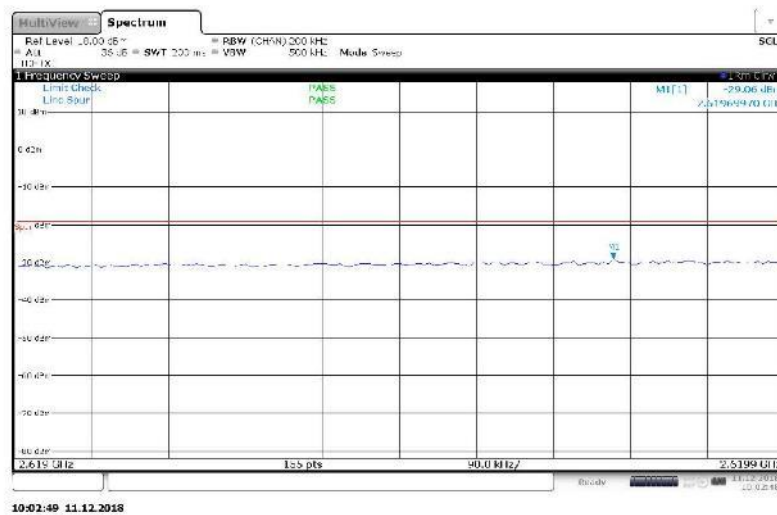


Figure 135 Spurious Emissions (Lower Band Edge) – 64QAM (2625 MHz, 2635 MHz, 2x10 MHz Channel BW)

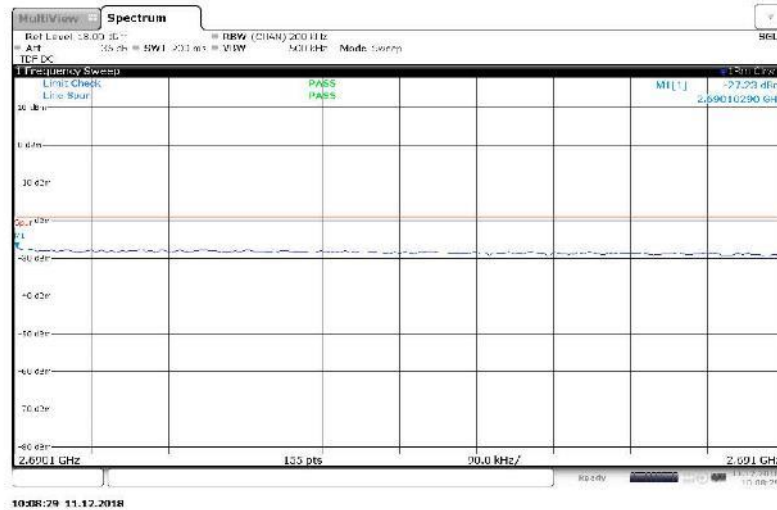


Figure 136 Spurious Emissions (Upper Band Edge) – 64QAM (2675 MHz, 2685 MHz, 2x10 MHz Channel BW)



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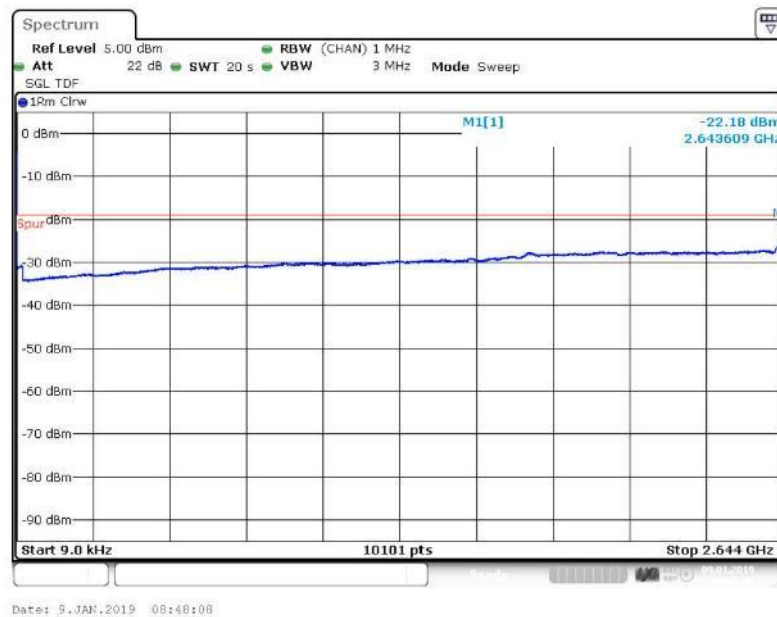


Figure 137 Spurious Emissions (9kHz – 2.644GHz) – 64QAM (2650 MHz, 2660 MHz, 2x10 MHz Channel BW)

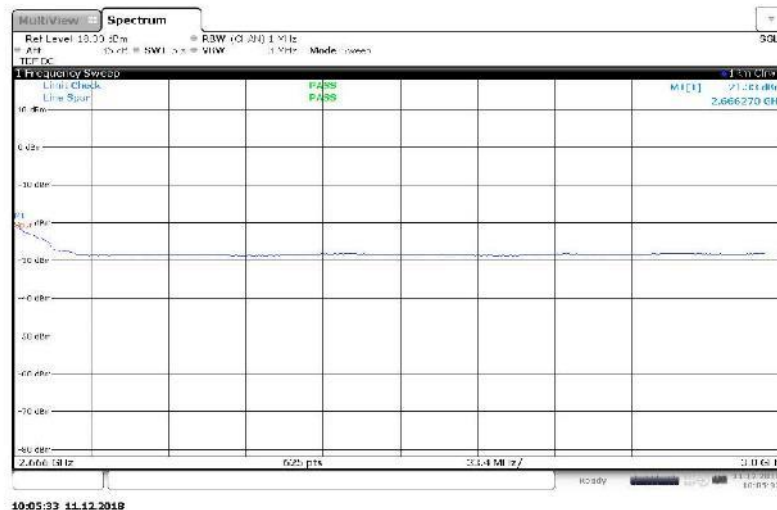


Figure 138 Spurious Emissions (2.666 GHz – 3 GHz) – 64QAM (2650 MHz, 2660 MHz, 2x10 Channel BW)



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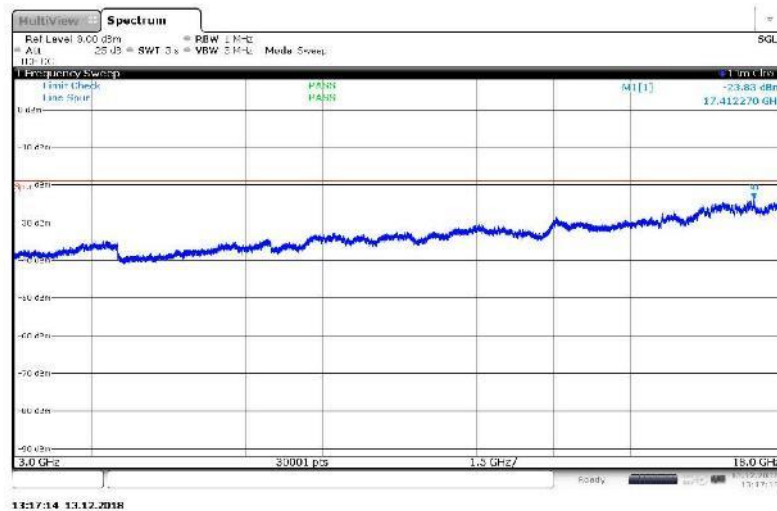


Figure 139 Spurious Emissions (3 GHz – 18GHz) – 64QAM (2650 MHz, 2660 MHz, 2x10 Channel BW)

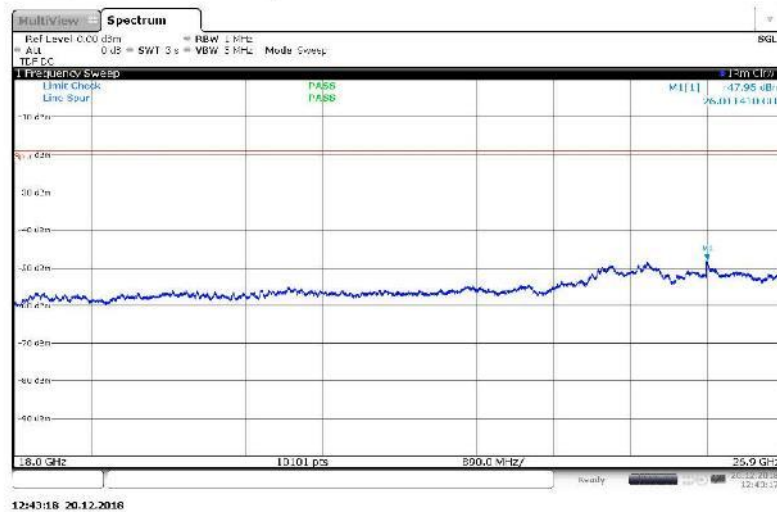


Figure 140 Spurious Emissions (18GHz – 26.9GHz) – 64QAM (2650 MHz, 2660 MHz, 2x10 Channel BW)



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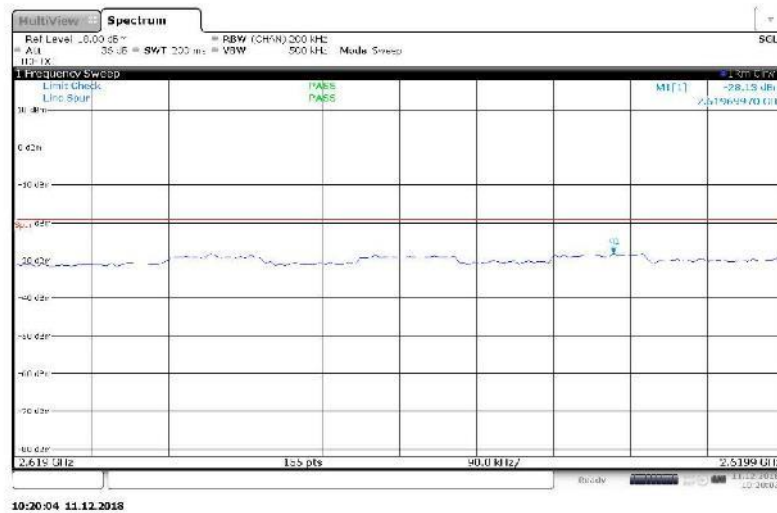


Figure 141 Spurious Emissions (Lower Band Edge) – 256QAM (2625 MHz, 2635 MHz, 2x10 MHz Channel BW)

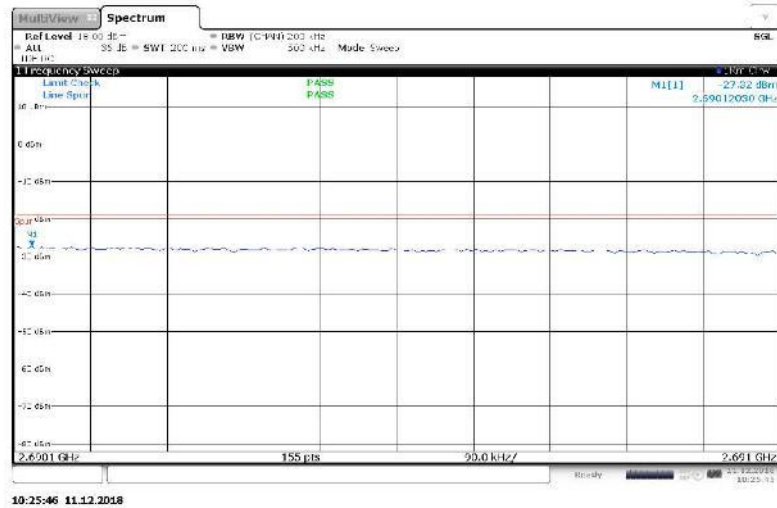


Figure 142 Spurious Emissions (Upper Band Edge) – 256QAM (2675 MHz, 2685 MHz, 2x10 MHz Channel BW)



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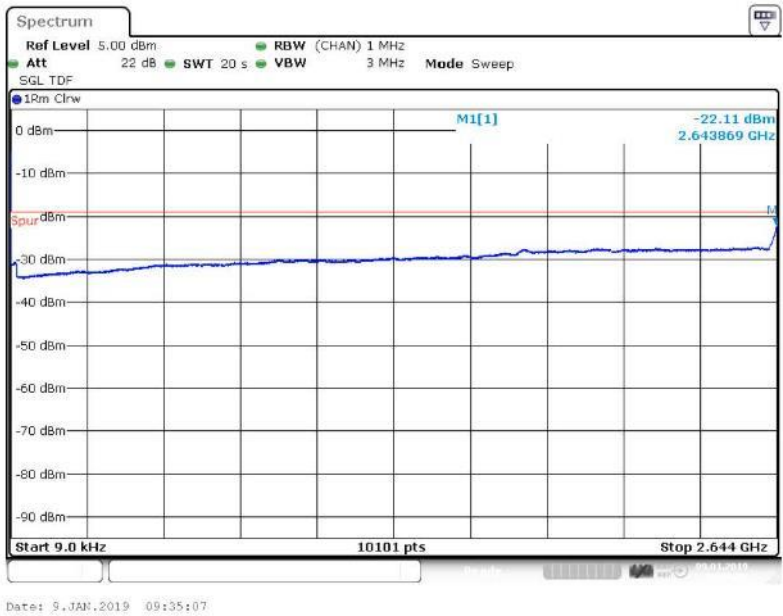


Figure 143 Spurious Emissions (9kHz – 2.644GHz) – 256QAM (2650 MHz, 2660 MHz, 2x10 MHz Channel BW)

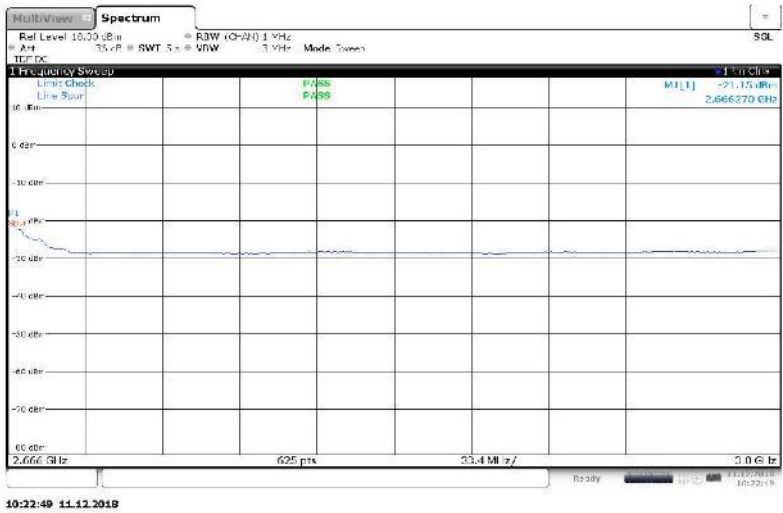


Figure 144 Spurious Emissions (2.666 GHz – 3 GHz) – 256QAM (2650 MHz, 2660 MHz, 2x10 Channel BW)



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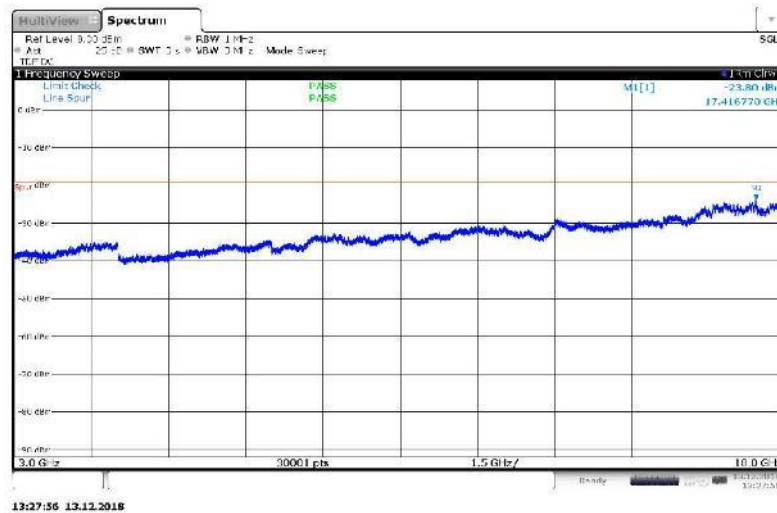


Figure 145 Spurious Emissions (3 GHz – 18GHz) – 256QAM (2650 MHz, 2660 MHz, 2x10 Channel BW)

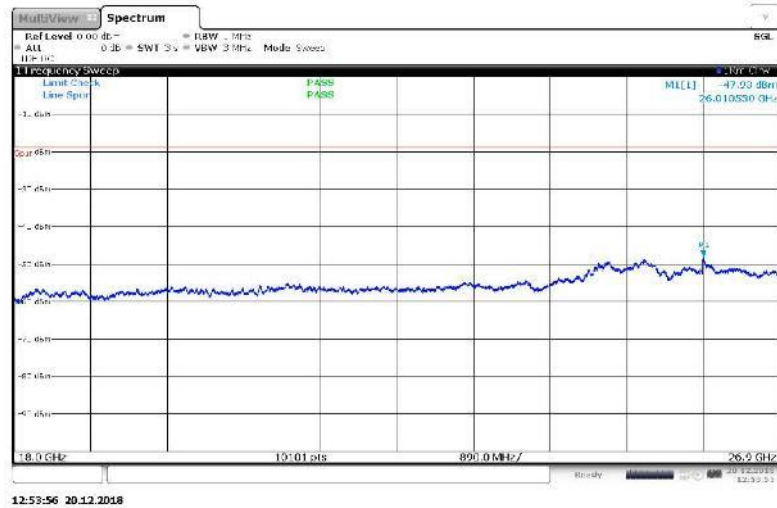


Figure 146 Spurious Emissions (18GHz – 26.9GHz) – 256QAM (2650 MHz, 2660 MHz, 2x10 Channel BW)

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Figure 147 Spurious Emissions (Lower Band Edge) – QPSK (2627.5 MHz, 2642.5 MHz, 2x15 MHz Channel BW)

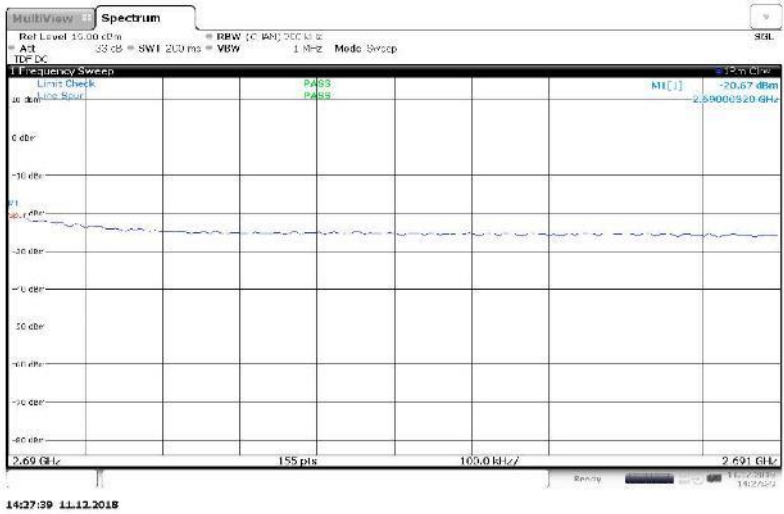


Figure 148 Spurious Emissions (Upper Band Edge) – QPSK (2667.5 MHz, 2682.5 MHz, 2x15 MHz Channel BW)



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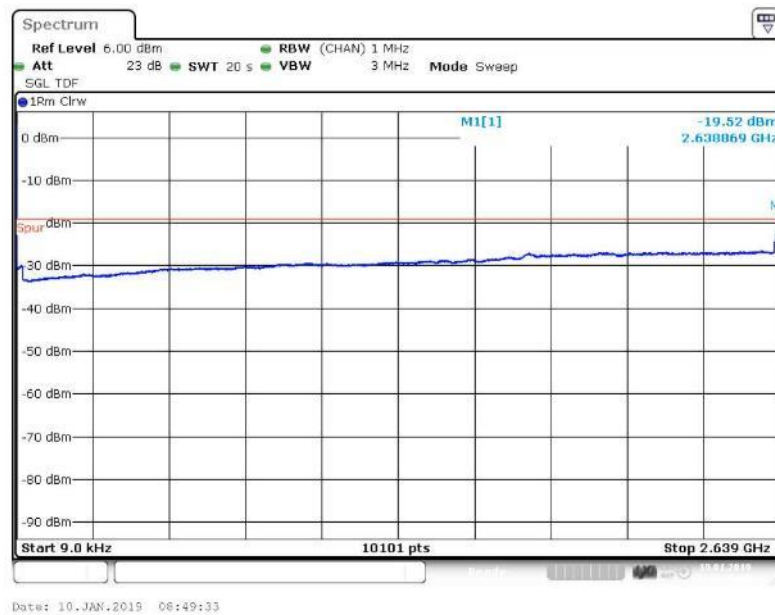
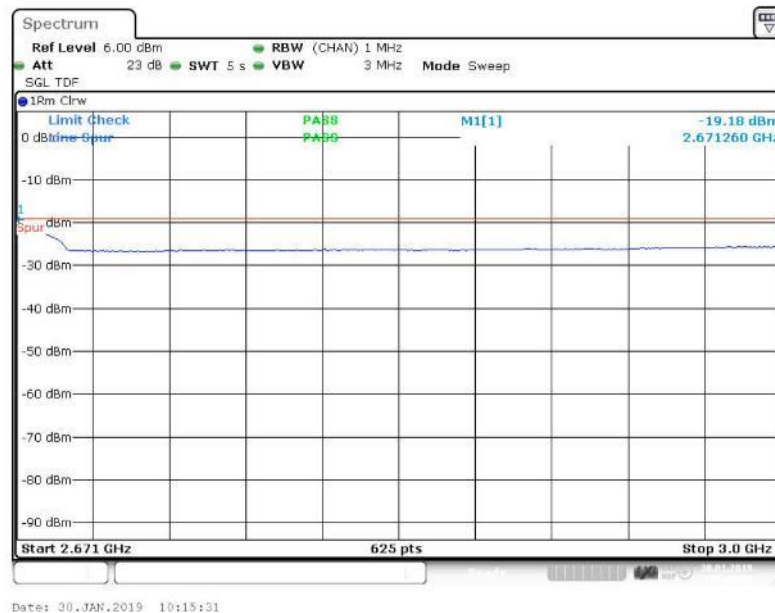


Figure 149 Spurious Emissions (9kHz – 2.639GHz) – QPSK (2647.5 MHz, 2662.5 MHz, 2x15 MHz Channel BW)



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Figure 150 Spurious Emissions (2.671 GHz – 3 GHz) – QPSK (2647.5 MHz, 2662.5 MHz, 2x15 Channel BW)

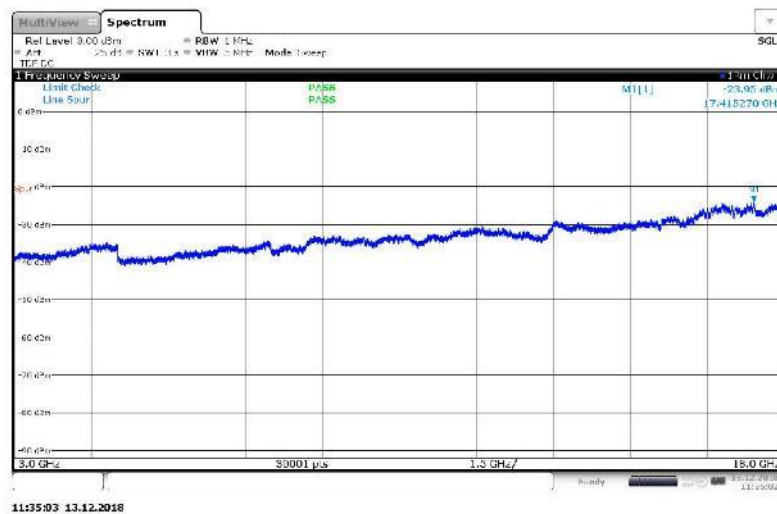


Figure 151 Spurious Emissions (3 GHz – 18GHz) – QPSK (2647.5 MHz, 2662.5 MHz, 2x15 Channel BW)

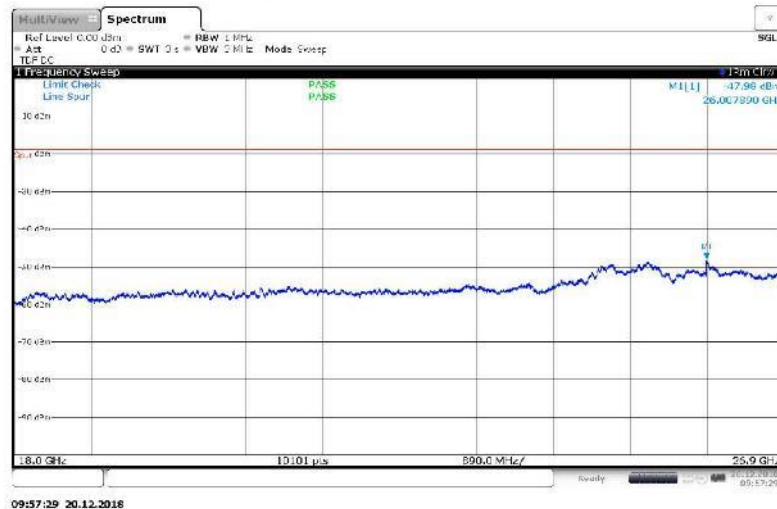


Figure 152 Spurious Emissions (18GHz – 26.9GHz) – QPSK (2647.5 MHz, 2662.5 MHz, 2x15 Channel BW)

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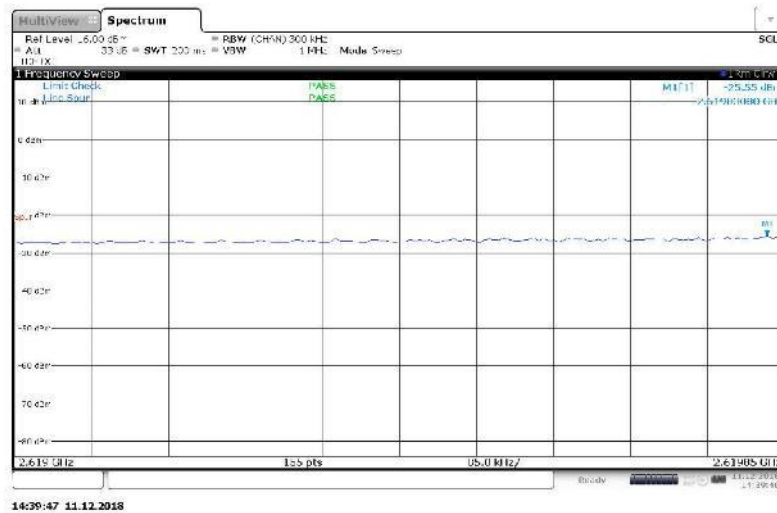


Figure 153 Spurious Emissions (Lower Band Edge) – 16QAM (2627.5 MHz, 2642.5 MHz, 2x15 MHz Channel BW)



Figure 154 Spurious Emissions (Upper Band Edge) – 16QAM (2667.5 MHz, 2682.5 MHz, 2x15 MHz Channel BW)



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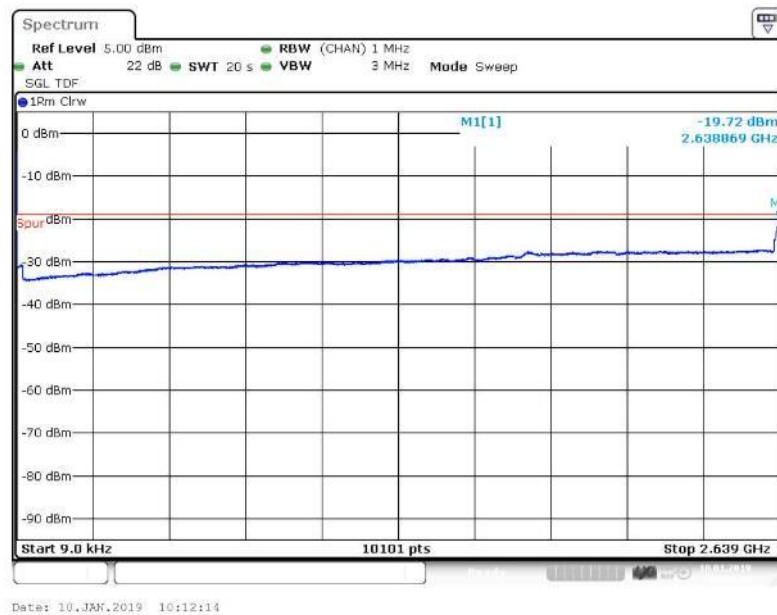


Figure 155 Spurious Emissions (9kHz – 2.639GHz) – 16QAM (2647.5 MHz, 2662.5 MHz, 2x15 MHz Channel BW)



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Figure 156 Spurious Emissions (2.671 GHz – 3 GHz) – 16QAM (2647.5 MHz, 2662.5 MHz, 2x15 Channel BW)

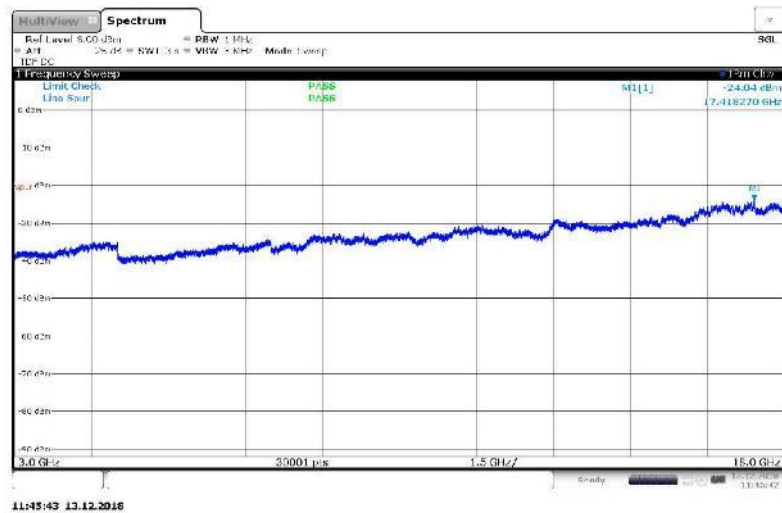


Figure 157 Spurious Emissions (3 GHz – 18GHz) – 16QAM (2647.5 MHz, 2662.5 MHz, 2x15 Channel BW)

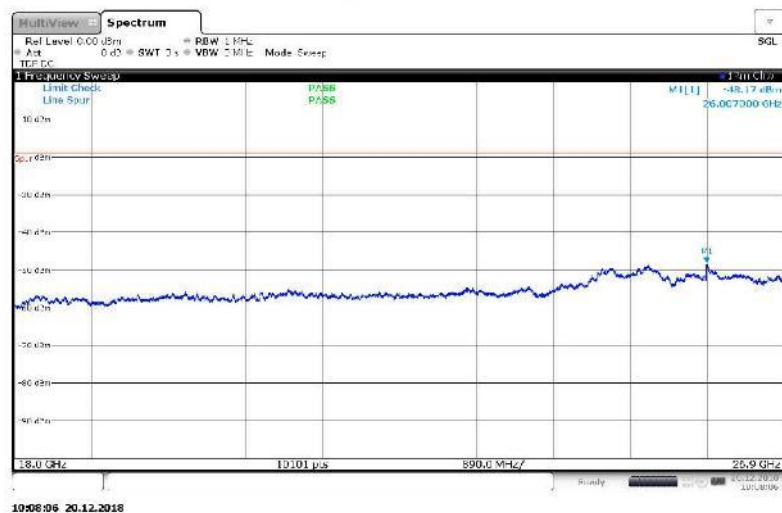


Figure 158 Spurious Emissions (18GHz – 26.9GHz) – 16QAM (2647.5 MHz, 2662.5 MHz, 2x15 Channel BW)



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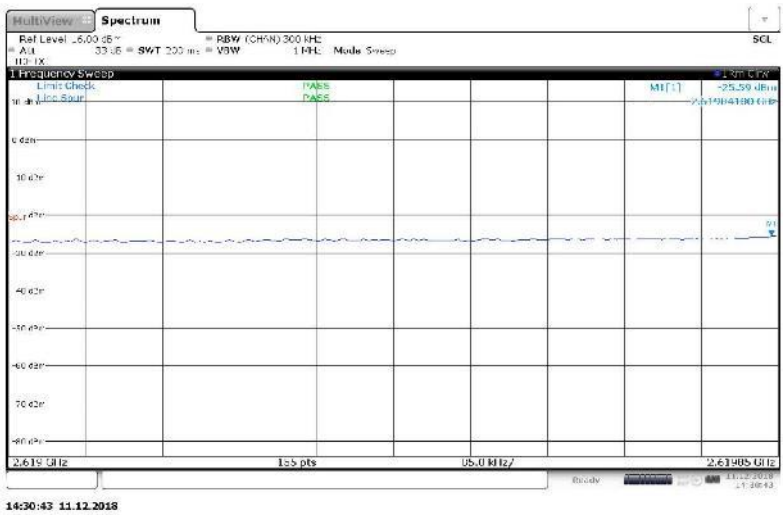


Figure 159 Spurious Emissions (Lower Band Edge) – 64QAM (2627.5 MHz, 2642.5 MHz, 2x15 MHz Channel BW)

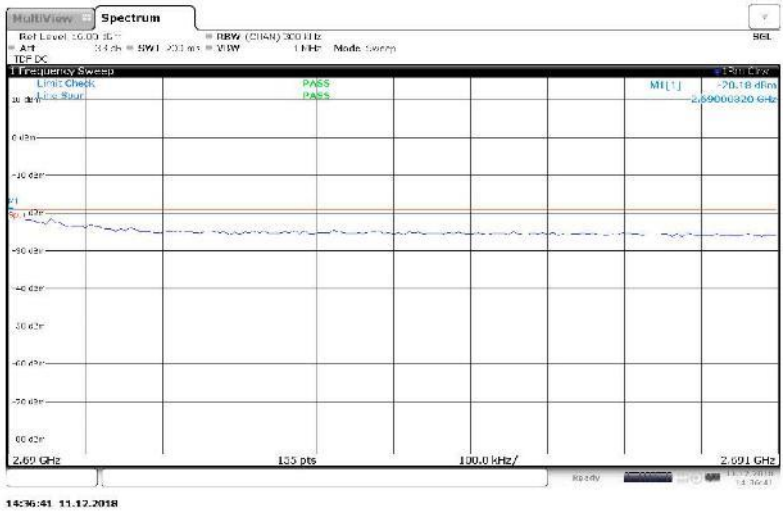


Figure 160 Spurious Emissions (Upper Band Edge) – 64QAM (2667.5 MHz, 2682.5 MHz, 2x15 MHz Channel BW)



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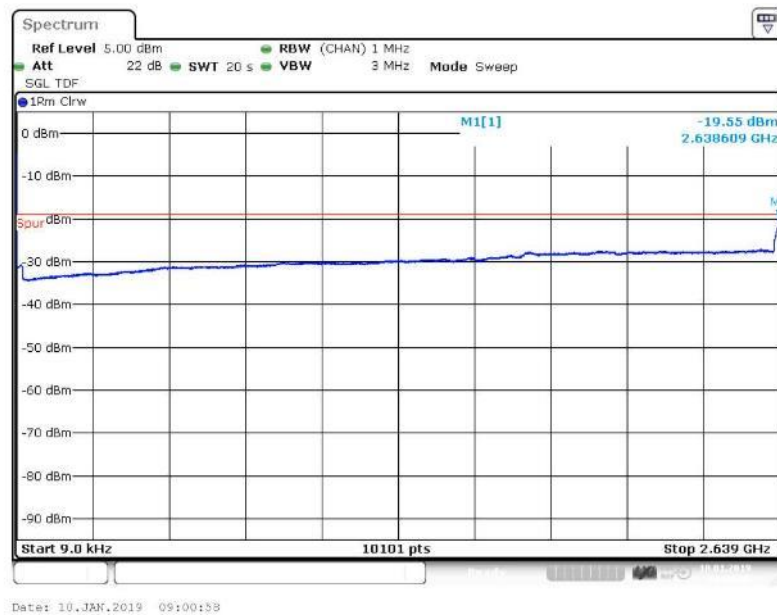
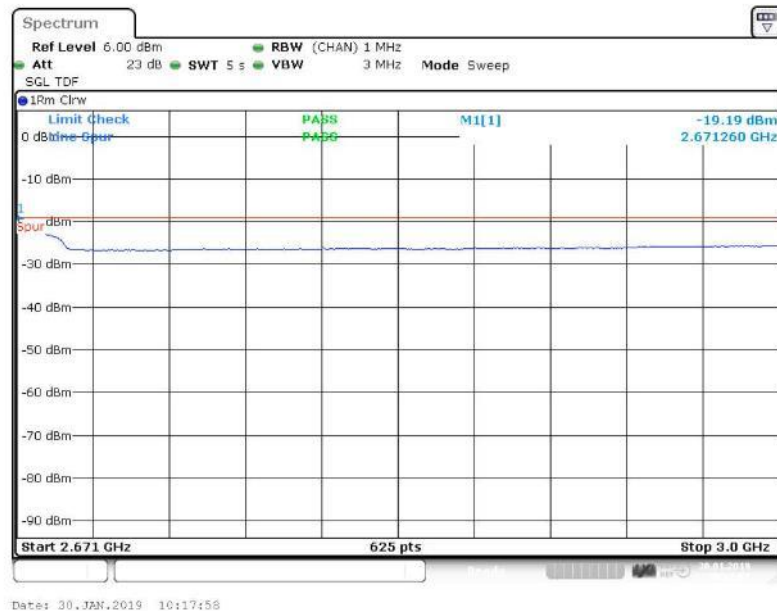


Figure 161 Spurious Emissions (9kHz – 2.639GHz) – 64QAM (2647.5 MHz, 2662.5 MHz, 2x15 MHz Channel BW)



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Figure 162 Spurious Emissions (2.671 GHz – 3 GHz) – 64QAM (2647.5 MHz, 2662.5 MHz, 2x15 Channel BW)

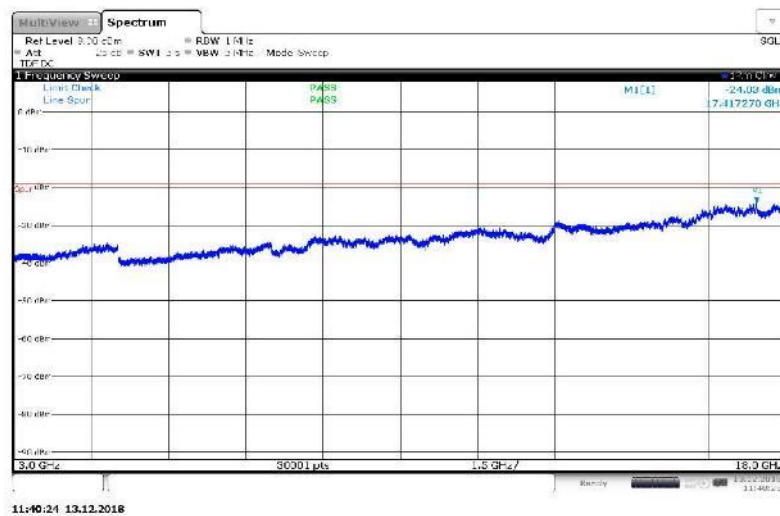


Figure 163 Spurious Emissions (3 GHz – 18GHz) – 64QAM (2647.5 MHz, 2662.5 MHz, 2x15 Channel BW)

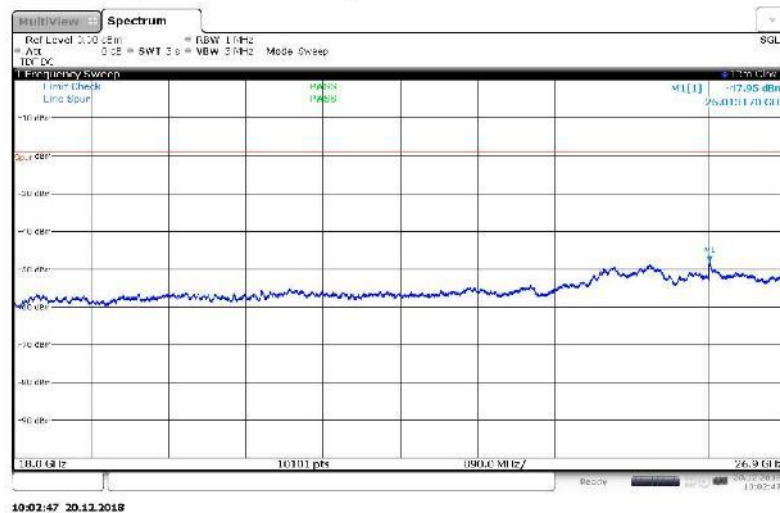


Figure 164 Spurious Emissions (18GHz – 26.9GHz) – 64QAM (2647.5 MHz, 2662.5 MHz, 2x15 Channel BW)



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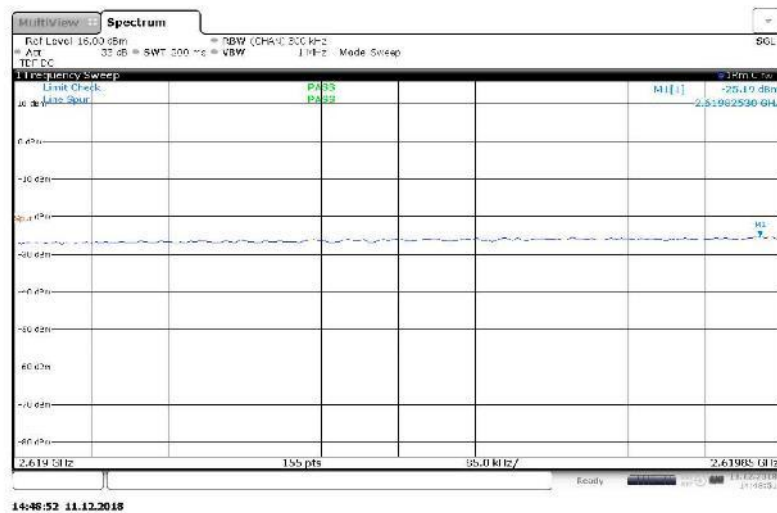


Figure 165 Spurious Emissions (Lower Band Edge) – 256QAM (2627.5 MHz, 2642.5 MHz, 2x15 MHz Channel BW)

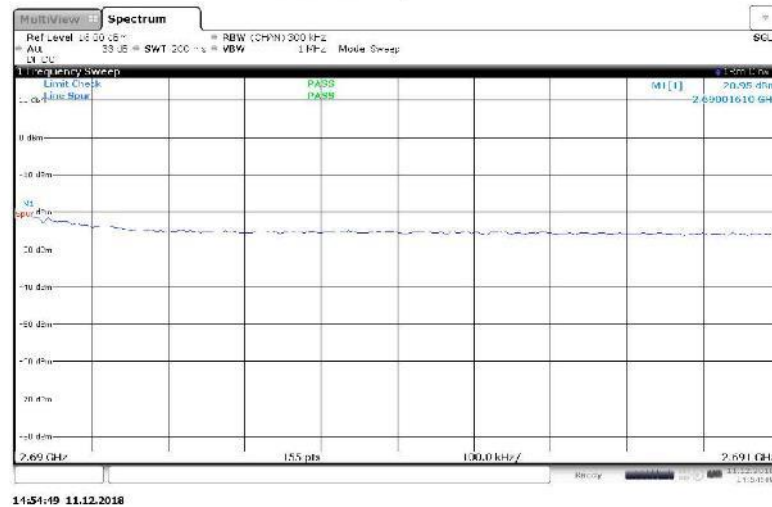


Figure 166 Spurious Emissions (Upper Band Edge) – 256QAM (2667.5 MHz, 2682.5 MHz, 2x15 MHz Channel BW)



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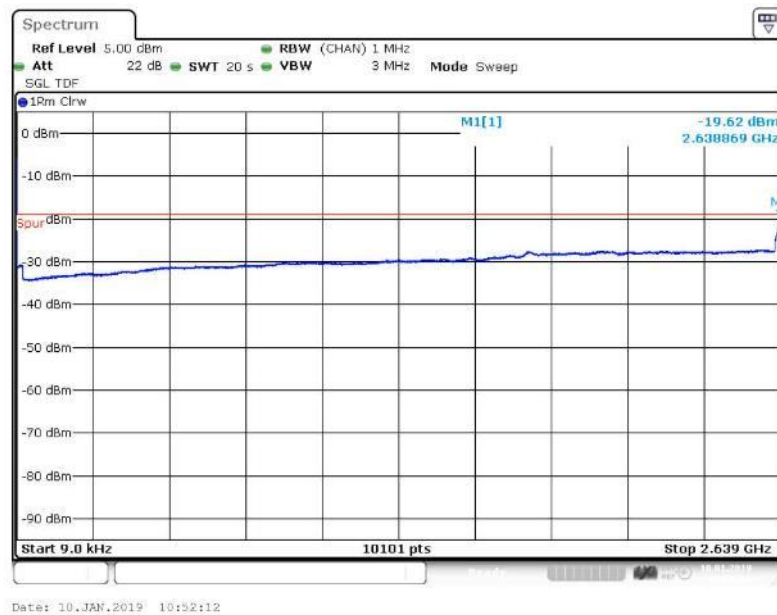
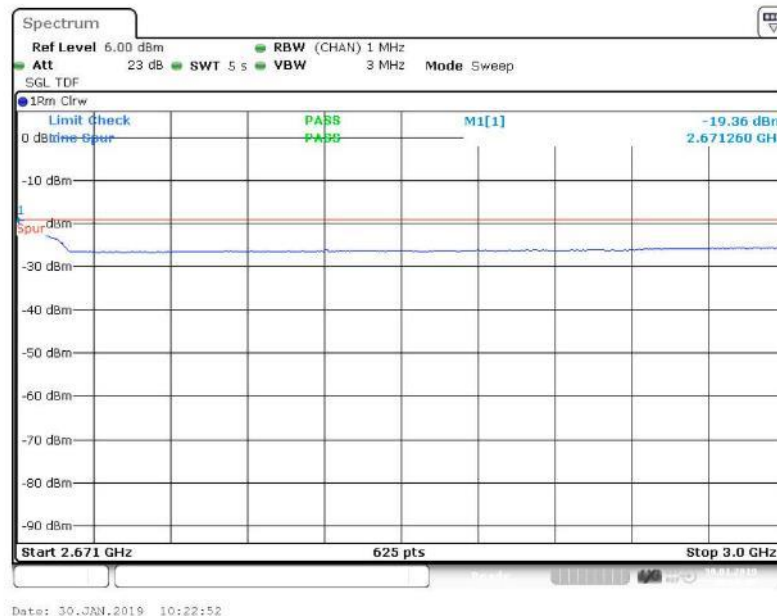


Figure 167 Spurious Emissions (9kHz – 2.639GHz) – 256QAM (2647.5 MHz, 2662.5 MHz, 2x15 MHz Channel BW)



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Figure 168 Spurious Emissions (2.671 GHz – 3 GHz) – 256QAM (2647.5 MHz, 2662.5 MHz, 2x15 Channel BW)

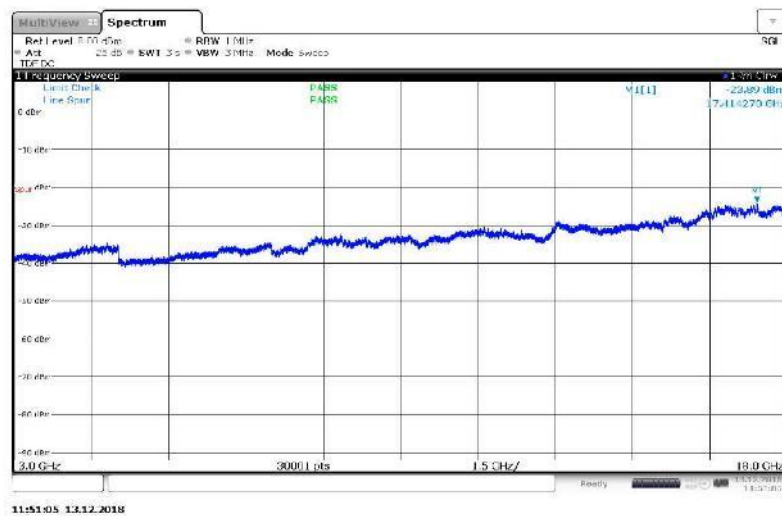


Figure 169 Spurious Emissions (3 GHz – 18GHz) – 256QAM (2647.5 MHz, 2662.5 MHz, 2x15 Channel BW)

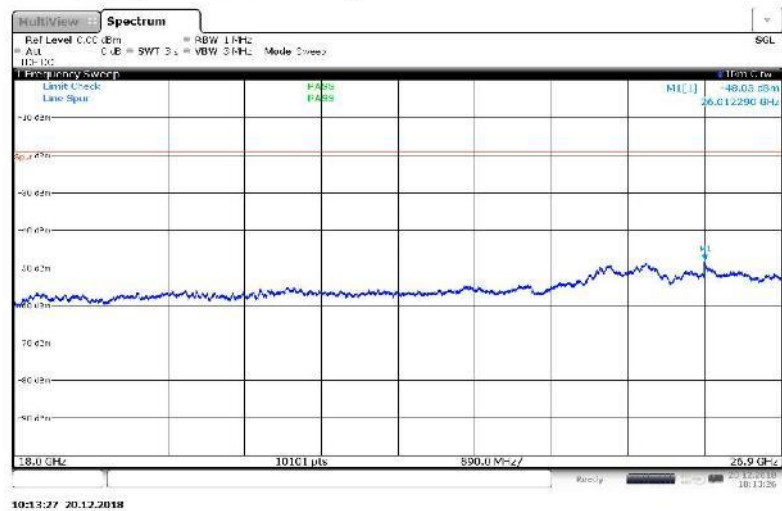


Figure 170 Spurious Emissions (18GHz – 26.9GHz) – 256QAM (2647.5 MHz, 2662.5 MHz, 2x15 Channel BW)

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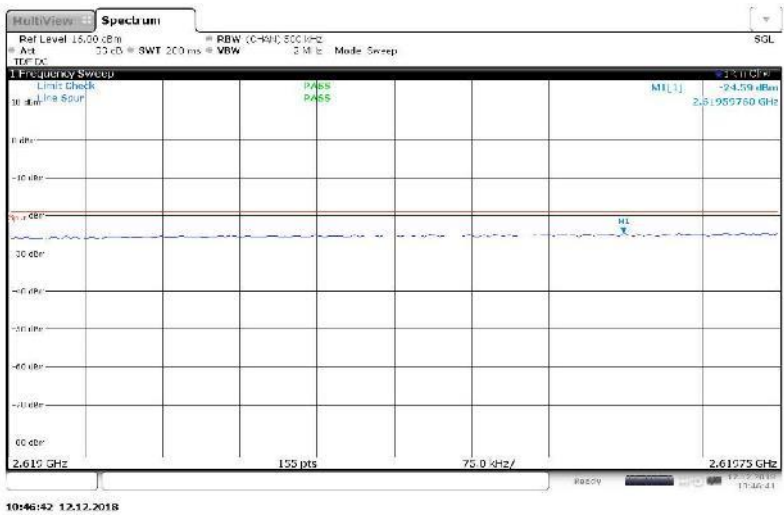


Figure 171 Spurious Emissions (Lower Band Edge) – QPSK (2630 MHz, 2650 MHz, 2x20 MHz Channel BW)



Figure 172 Spurious Emissions (Upper Band Edge) – QPSK (2660 MHz, 2680 MHz, 2x20 MHz Channel BW)



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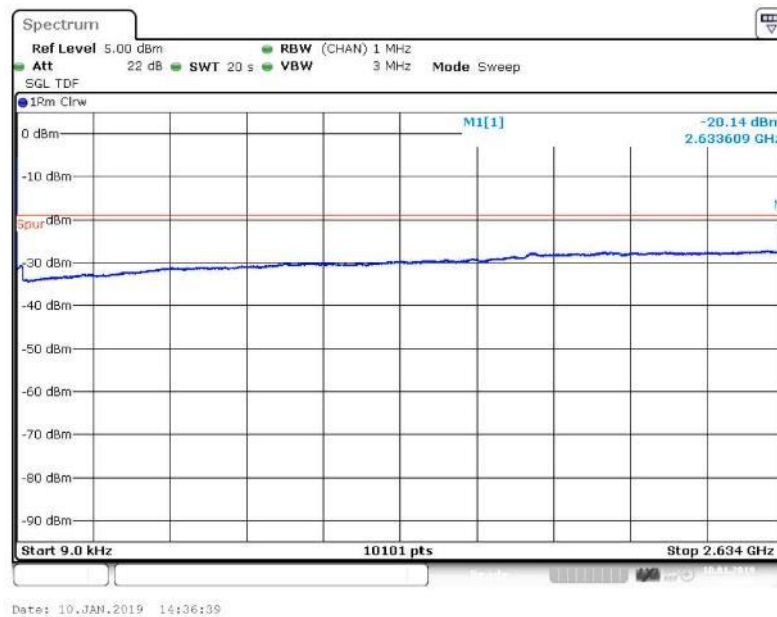


Figure 173 Spurious Emissions (9kHz – 2.634GHz) – QPSK (2645 MHz, 2665 MHz, 2x20 MHz Channel BW)

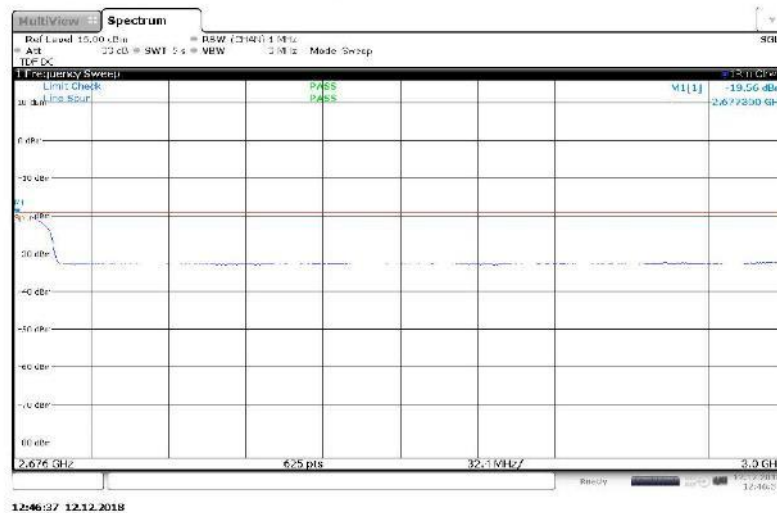


Figure 174 Spurious Emissions (2.676 GHz – 3 GHz) – QPSK (2645 MHz, 2665 MHz, 2x20 MHz Channel BW)



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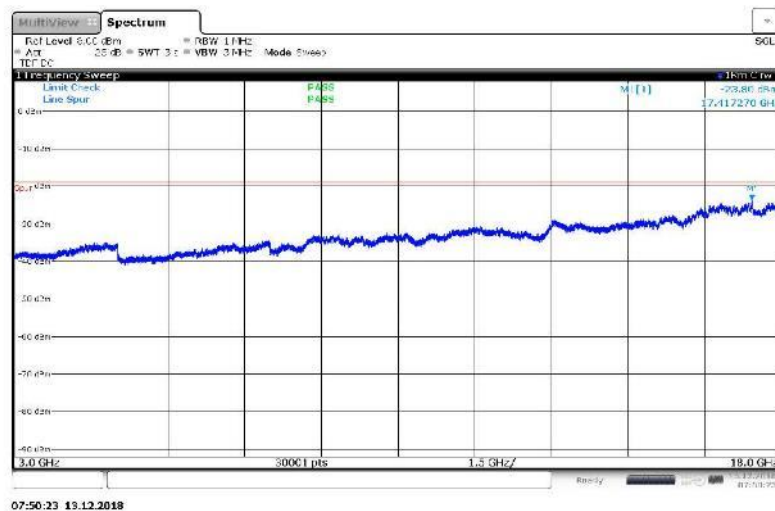


Figure 175 Spurious Emissions (3 GHz – 18GHz) – QPSK (2645 MHz, 2665 MHz, 2x20 MHz Channel BW)

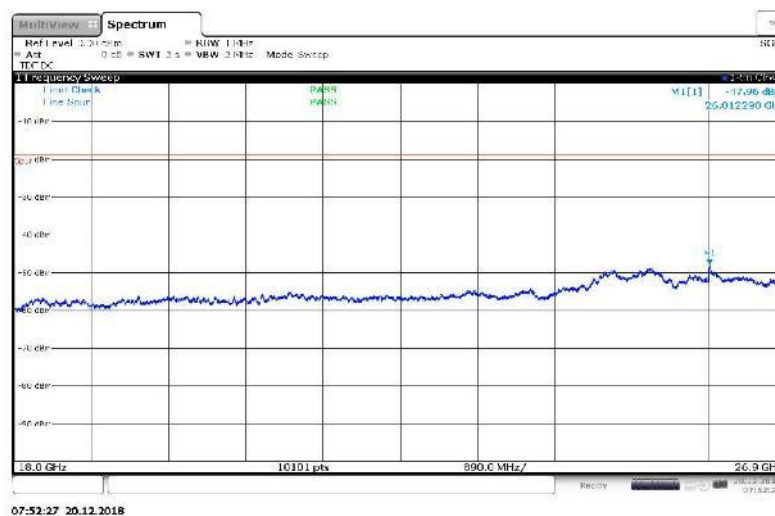


Figure 176 Spurious Emissions (18GHz – 26.9GHz) – QPSK (2645 MHz, 2665 MHz, 2x20 MHz Channel BW)



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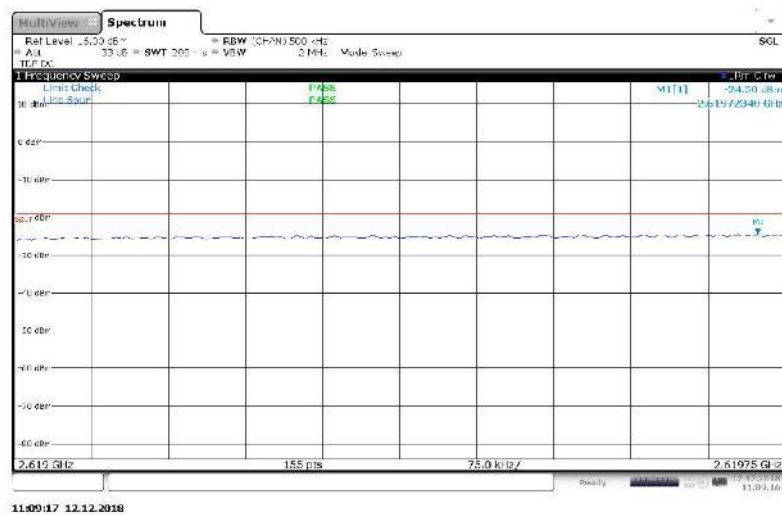


Figure 177 Spurious Emissions (Lower Band Edge) – 16QAM (2630 MHz, 2650 MHz, 2x20 MHz Channel BW)

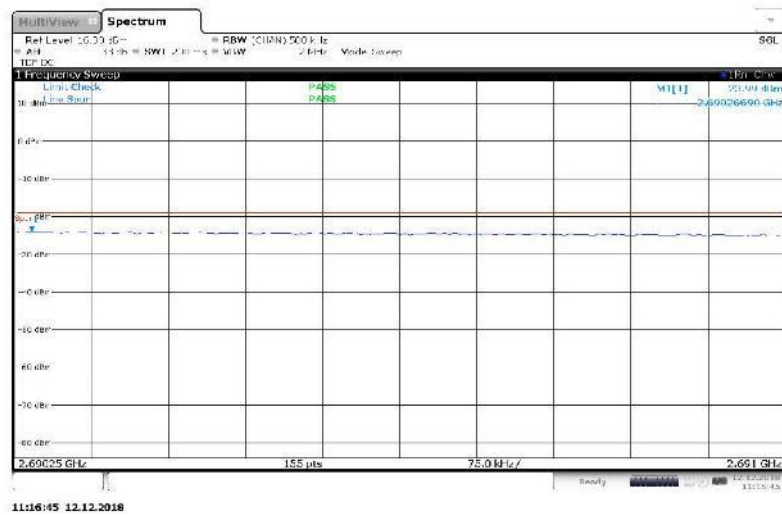


Figure 178 Spurious Emissions (Upper Band Edge) – 16QAM (2660 MHz, 2680 MHz, 2x20 MHz Channel BW)



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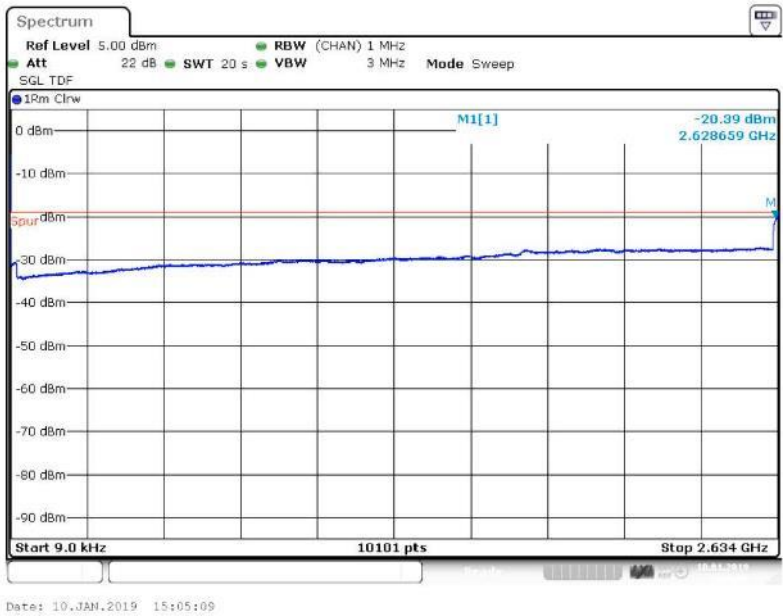


Figure 179 Spurious Emissions (9kHz – 2.634GHz) – 16QAM (2645 MHz, 2665 MHz, 2x20 MHz Channel BW)

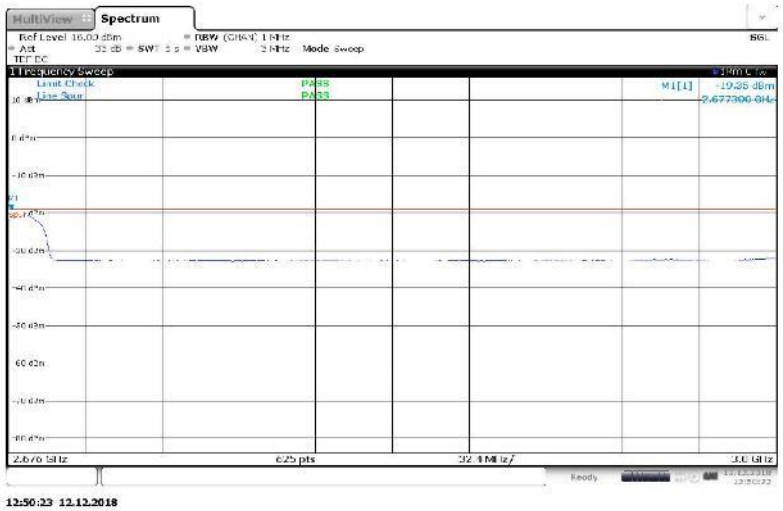


Figure 180 Spurious Emissions (2.676 GHz – 3 GHz) – 16QAM (2645 MHz, 2665 MHz, 2x20 MHz Channel BW)



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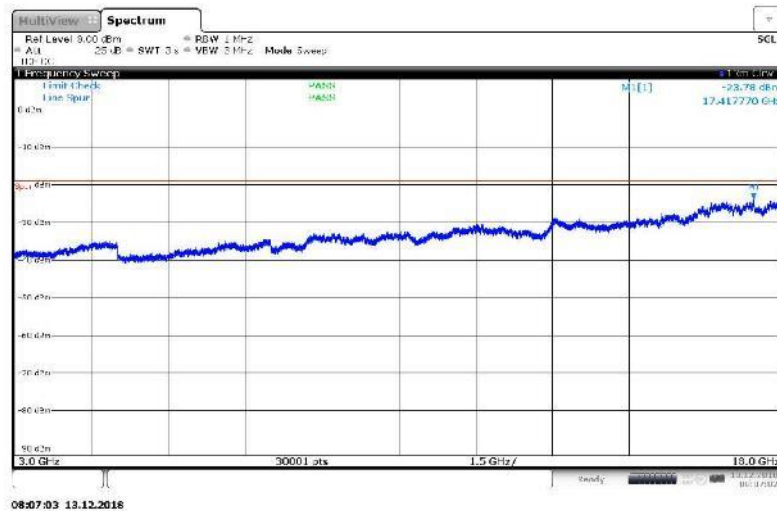


Figure 181 Spurious Emissions (3 GHz – 18GHz) – 16QAM (2645 MHz, 2665 MHz, 2x20 MHz Channel BW)

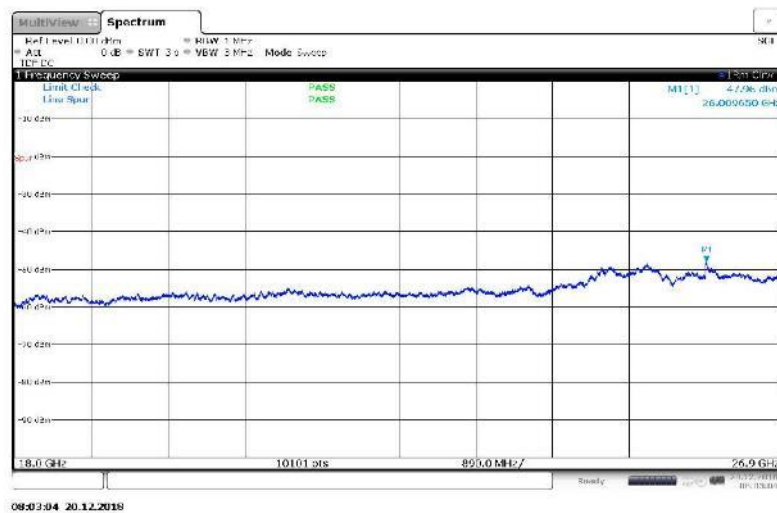


Figure 182 Spurious Emissions (18GHz – 26.9GHz) – 16QAM (2645 MHz, 2665 MHz, 2x20 MHz Channel BW)



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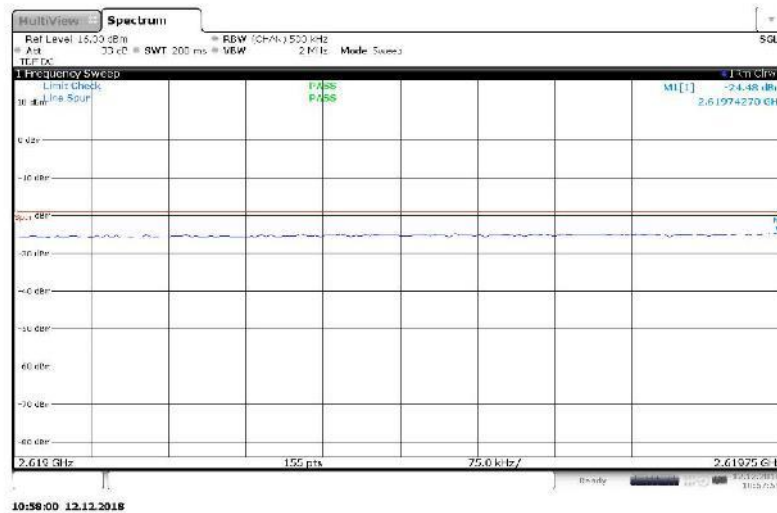


Figure 183 Spurious Emissions (Lower Band Edge) – 64QAM (2630 MHz, 2650 MHz, 2x20 MHz Channel BW)

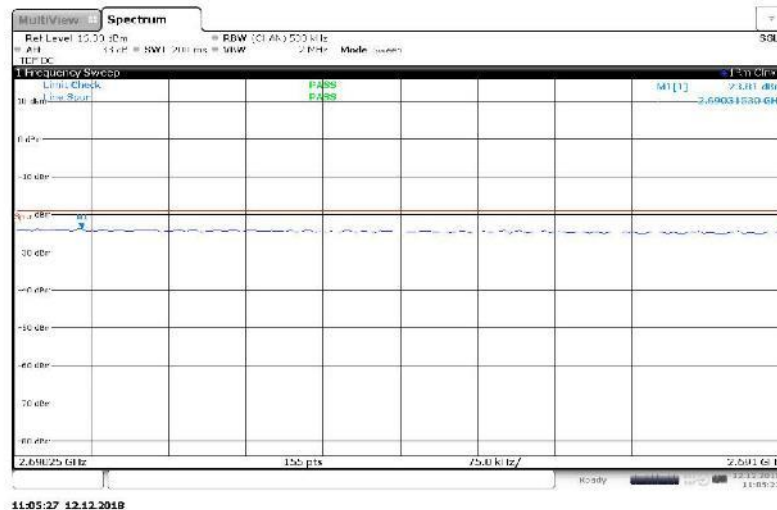


Figure 184 Spurious Emissions (Upper Band Edge) – 64QAM (2660 MHz, 2680 MHz, 2x20 MHz Channel BW)



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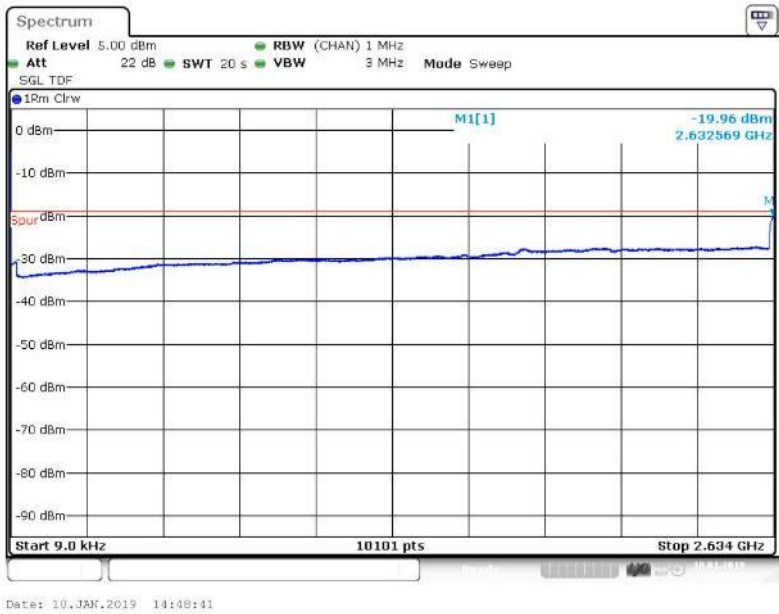


Figure 185 Spurious Emissions (9kHz – 2.634GHz) – 64QAM (2645 MHz, 2665 MHz, 2x20 MHz Channel BW)



Figure 186 Spurious Emissions (2.676 GHz – 3 GHz) – 64QAM (2645 MHz, 2665 MHz, 2x20 MHz Channel BW)



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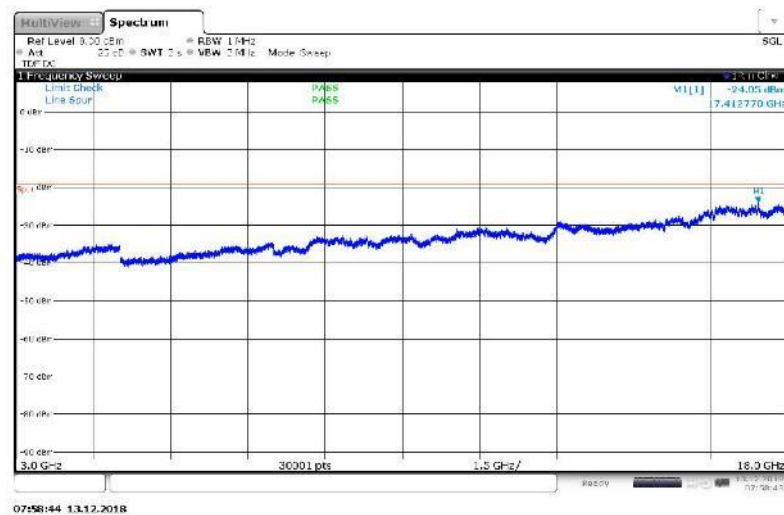


Figure 187 Spurious Emissions (3 GHz – 18GHz) – 64QAM (2645 MHz, 2665 MHz, 2x20 MHz Channel BW)

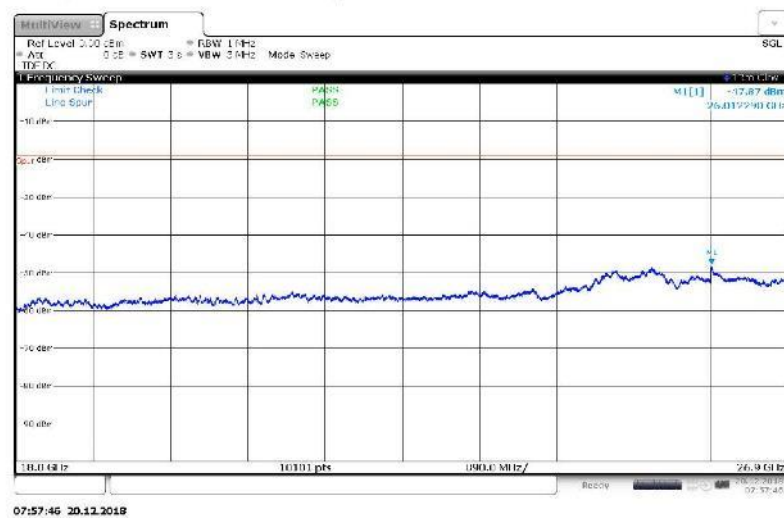


Figure 188 Spurious Emissions (18GHz – 26.9GHz) – 256QAM (2645 MHz, 2665 MHz, 2x20 MHz Channel BW)



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Figure 189 Spurious Emissions (Lower Band Edge) – 256QAM (2630 MHz, 2650 MHz, 2x20 MHz Channel BW)

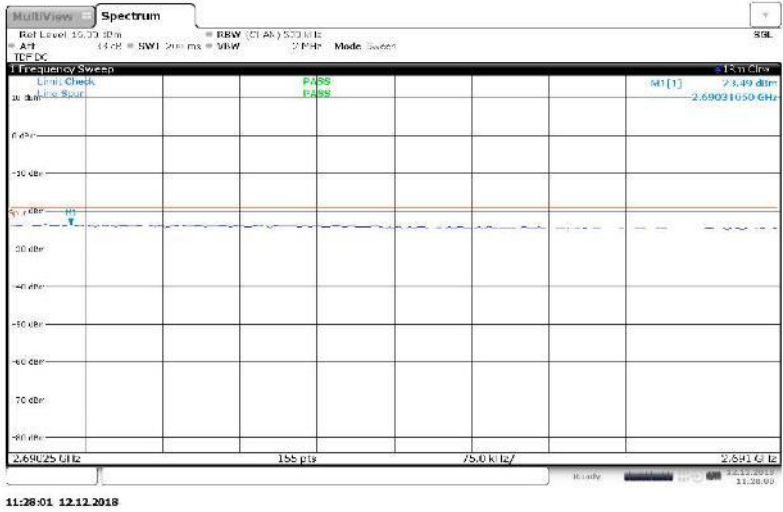


Figure 190 Spurious Emissions (Upper Band Edge) – 256QAM (2660 MHz, 2680 MHz, 2x20 MHz Channel BW)



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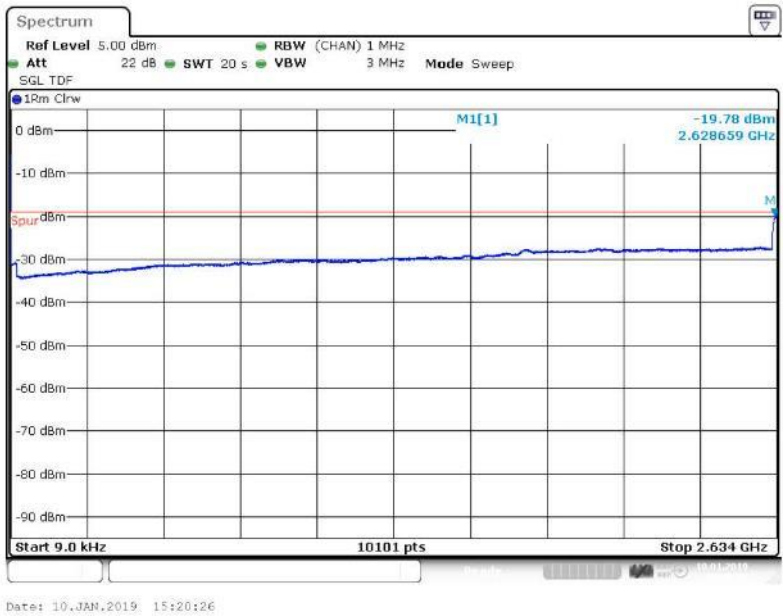


Figure 191 Spurious Emissions (9kHz – 2.634GHz) – 256QAM (2645 MHz, 2665 MHz, 2x20 MHz Channel BW)

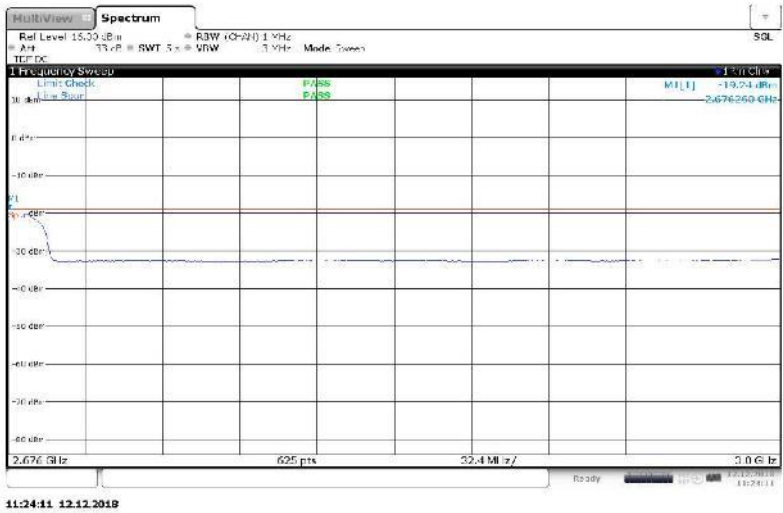


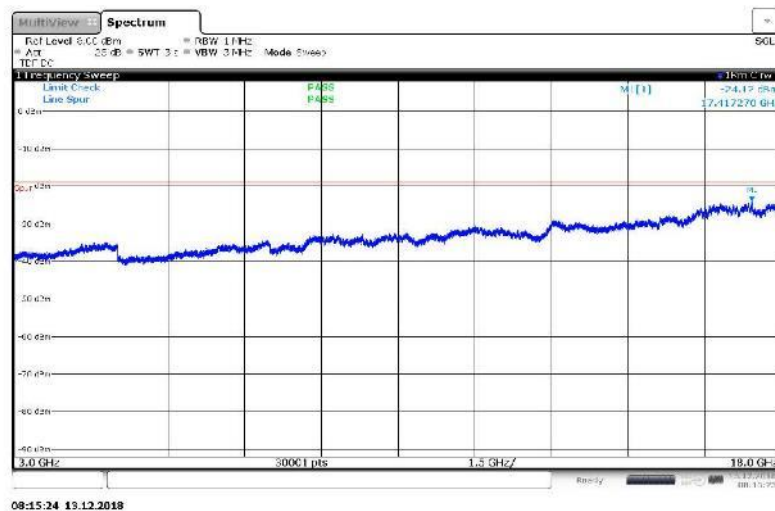
Figure 192 Spurious Emissions (2.676 GHz – 3 GHz) – 256QAM (2645 MHz, 2665 MHz, 2x20 MHz Channel BW)



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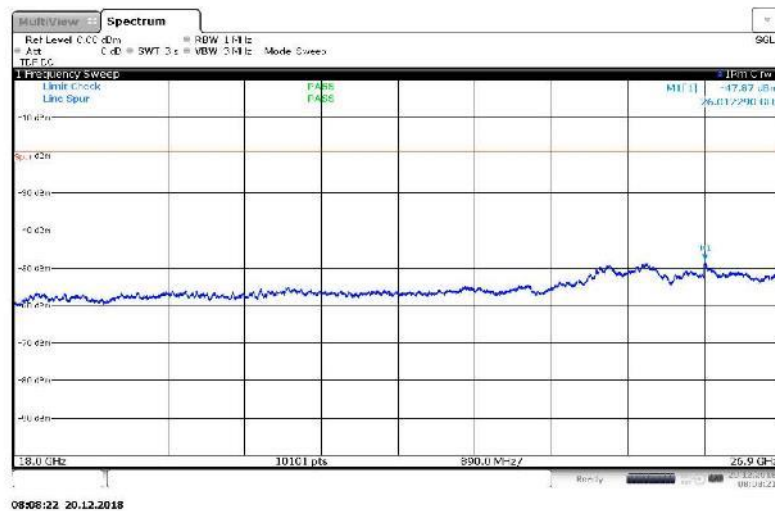
FCC ID: VBNAHHB-01
IC ID: 661A1-AHHB

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08:15:24 13.12.2018

Figure 193 Spurious Emissions (3 GHz – 18GHz) – 256QAM (2645 MHz, 2665 MHz, 2x20 MHz Channel BW)



08:08:22 20.12.2018

Figure 194 Spurious Emissions (18GHz – 26.9GHz) – 256QAM (2645 MHz, 2665 MHz, 2x20 MHz Channel BW)



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5.2.2. Test No. 3: Field Strength of Spurious Radiation

Config A, B, C, D, E, F, G, H:

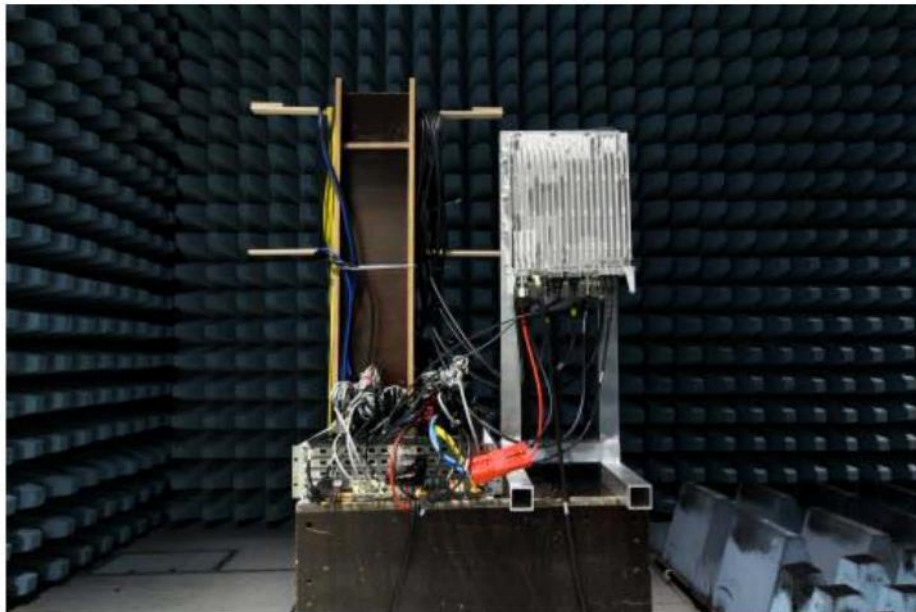


Figure 195 Photograph of the anechoic chamber with the EUT



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FCC 47 CFR part 27

Config A:

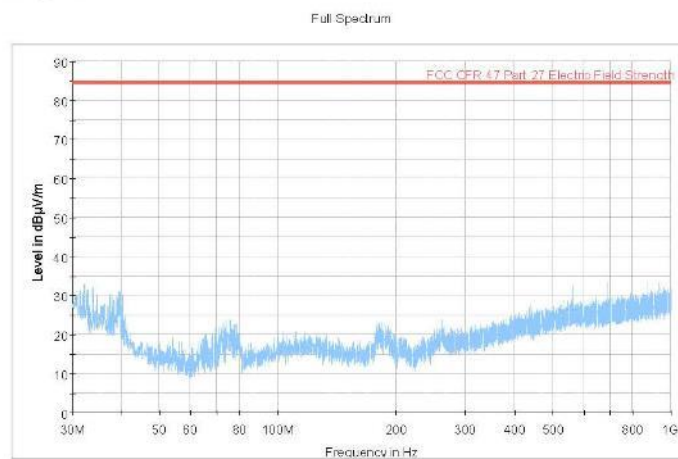


Figure 196 Radiated Emission 30 MHz – 1 GHz (2622.5MHz) (5MHz Channel BW)

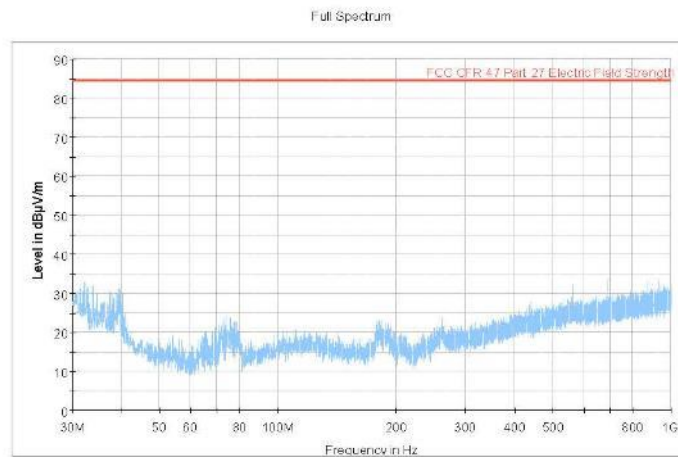


Figure 197 Radiated Emission 30 MHz – 1 GHz (2655MHz) (5MHz Channel BW)



FCC ID: VBNAHHB-01
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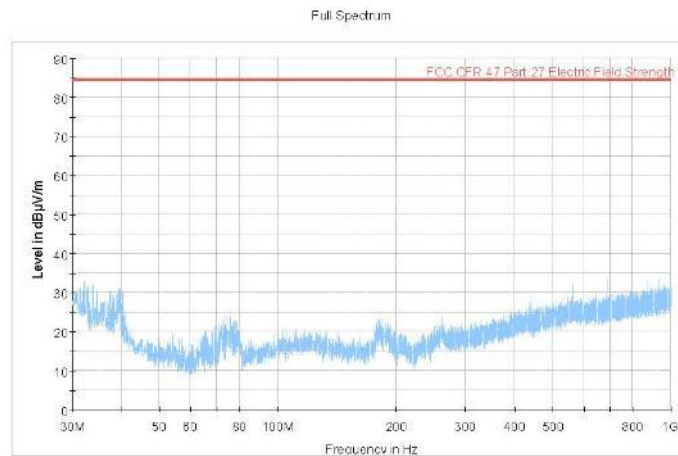


Figure 198 Radiated Emission 30 MHz – 1 GHz (2687.5 MHz) (5MHz Channel BW)

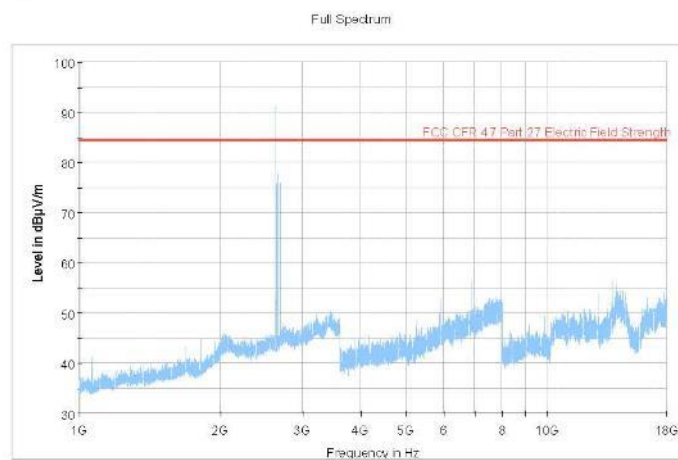


Figure 199 Radiated Emission 1 GHz – 18 GHz (2622.5MHz) (5MHz Channel BW)



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

Test Report No:
D568352794

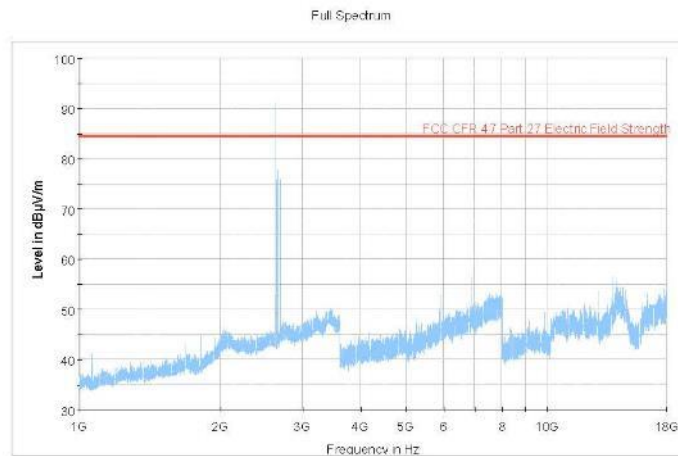


Figure 200 Radiated Emission 1 GHz – 18 GHz (2655MHz) (5MHz Channel BW)

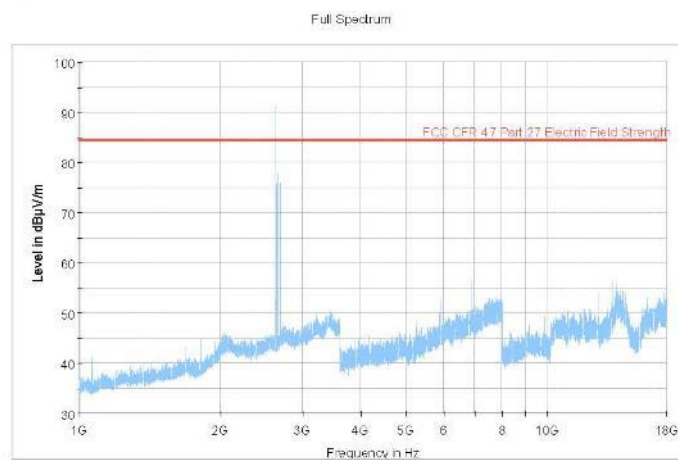


Figure 201 Radiated Emission 1 GHz – 18 GHz (2687.5MHz) (5MHz Channel BW)



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

Test Report No:
D568352794

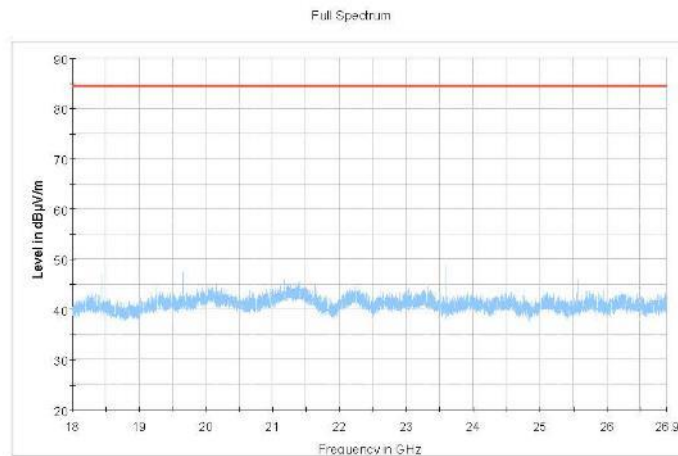


Figure 202 Radiated Emission 18 GHz – 26.9 GHz (2622.5MHz) (5MHz Channel BW)

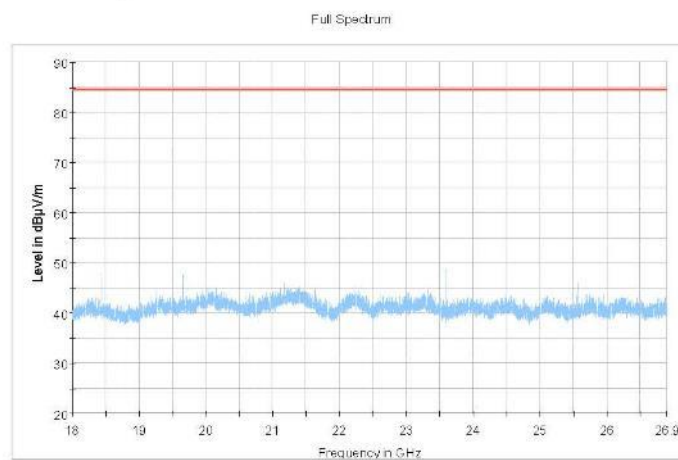


Figure 203 Radiated Emission 18 GHz – 26.9GHz (2655MHz) (5MHz Channel BW)



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

Test Report No:
D568352794

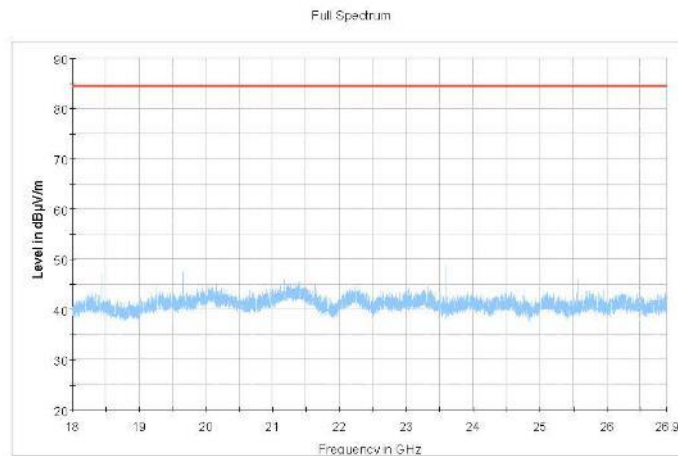


Figure 204 Radiated Emission 18 GHz – 26.9 GHz (2687.5MHz) (5MHz Channel BW)

Config B:

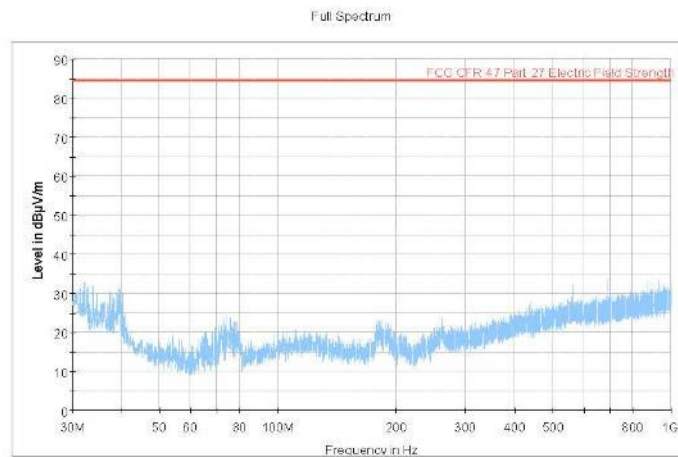


Figure 205 Radiated Emission 30 MHz – 1 GHz (2625MHz) (10MHz Channel BW)



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

Test Report No:
D568352794

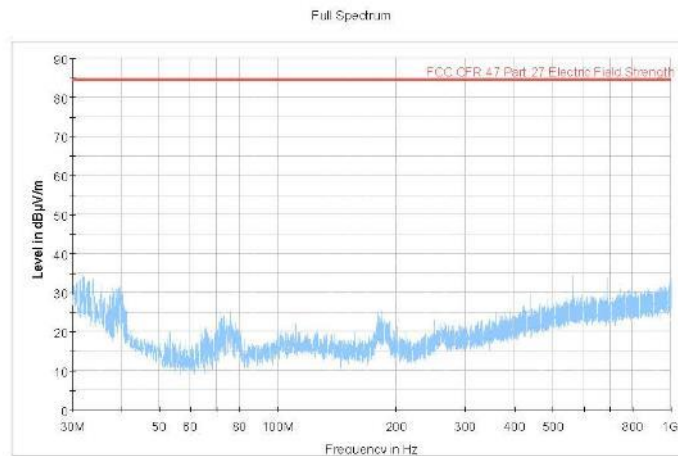


Figure 206 Radiated Emission 30 MHz – 1 GHz (2655MHz) (10MHz Channel BW)

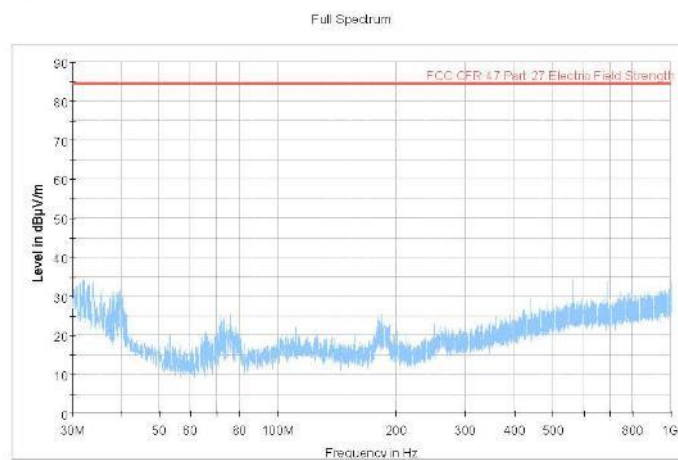


Figure 207 Radiated Emission 30 MHz – 1 GHz (2685MHz) (10MHz Channel BW)



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

Test Report No:
D568352794

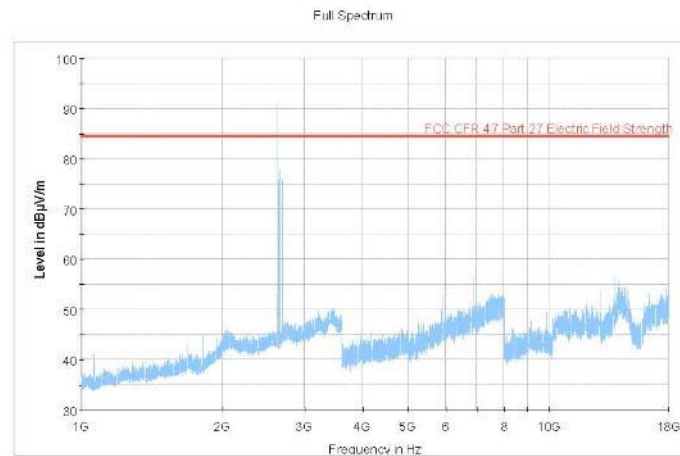


Figure 208 Radiated Emission 1GHz – 18GHz (2625MHz) (10MHz Channel BW)

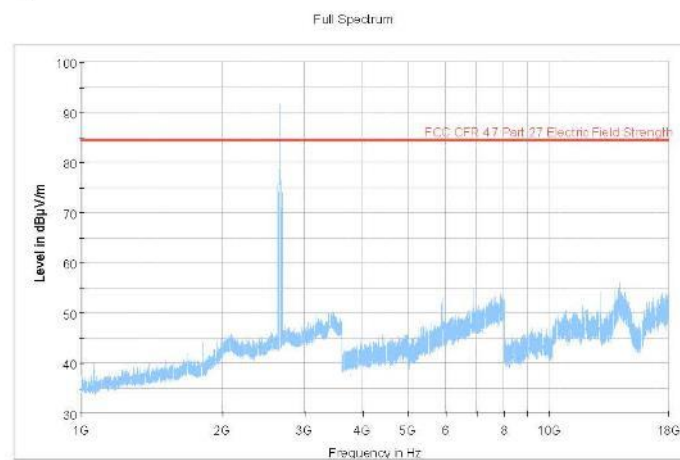


Figure 209 Radiated Emission 1GHz – 18GHz (2655MHz) (10MHz Channel BW)



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

Test Report No:
D568352794

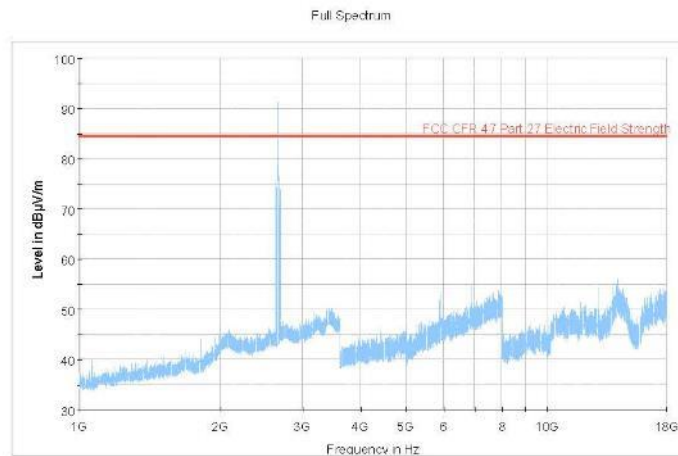


Figure 210 Radiated Emission 1GHz – 18GHz (2685MHz) (10MHz Channel BW)

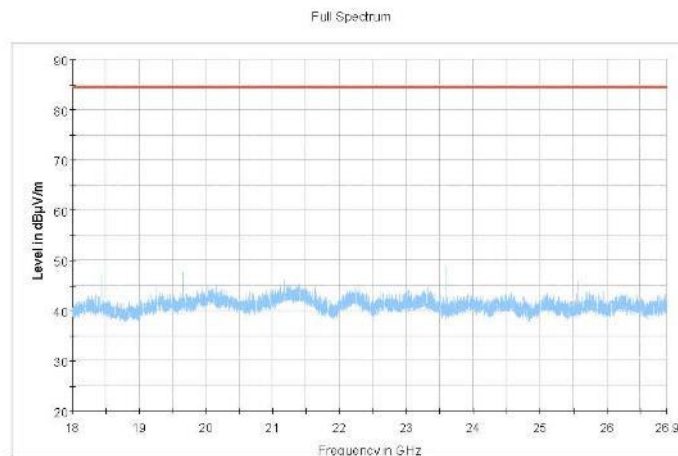


Figure 211 Radiated Emission 18 GHz – 26.9 GHz (2625MHz) (10MHz Channel BW)



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

Test Report No:
D568352794

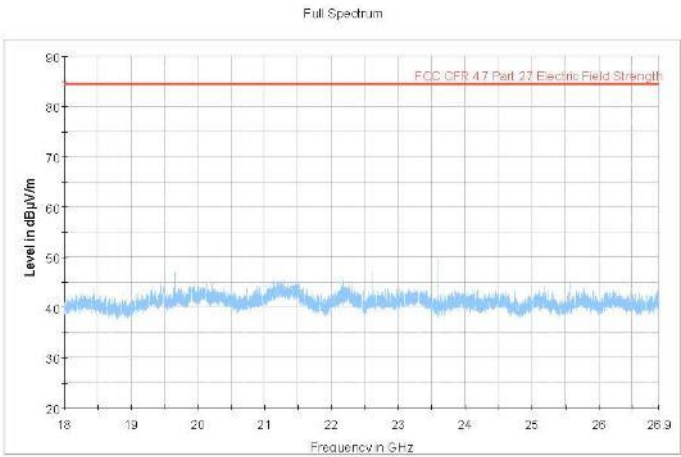


Figure 212 Radiated Emission 18 GHz – 26.9 GHz (2655MHz) (10MHz Channel BW)

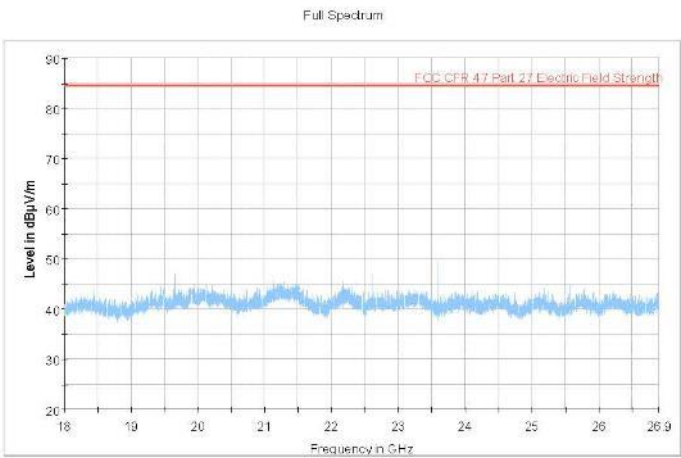


Figure 213 Radiated Emission 18 GHz – 26.9 GHz (2685MHz) (10MHz Channel BW)



Product Service

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

Test Report No:
D568352794

Config C:

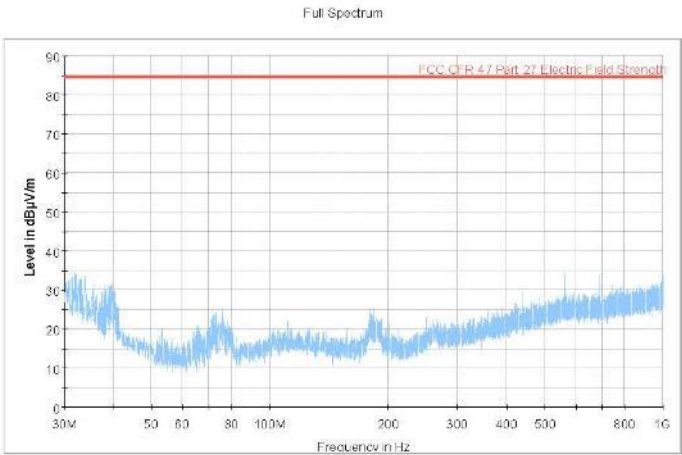


Figure 214 Radiated Emission 30 MHz – 1 GHz (2627.5MHz) (15MHz Channel BW)

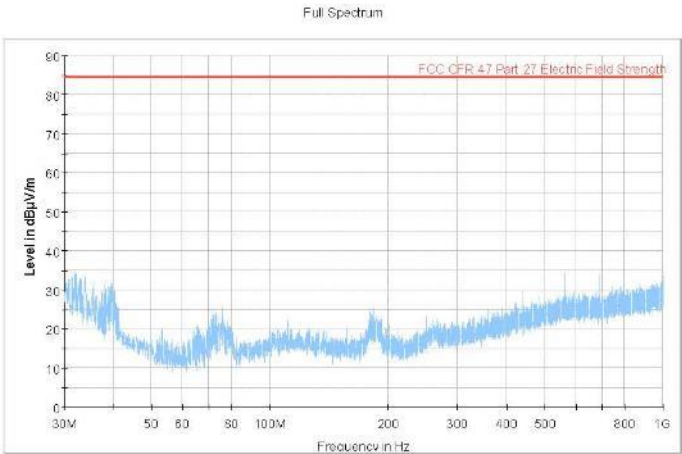


Figure 215 Radiated Emission 30 MHz – 1 GHz (2655MHz) (15MHz Channel BW)



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

Test Report No:
D568352794

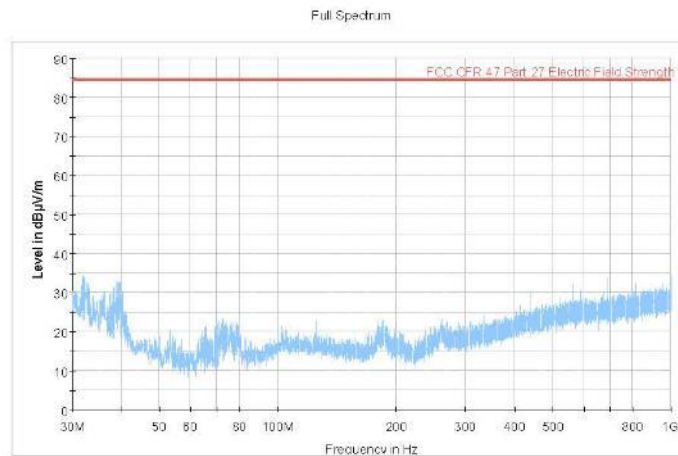


Figure 216 Radiated Emission 30 MHz – 1 GHz (2682.5MHz) (15MHz Channel BW)

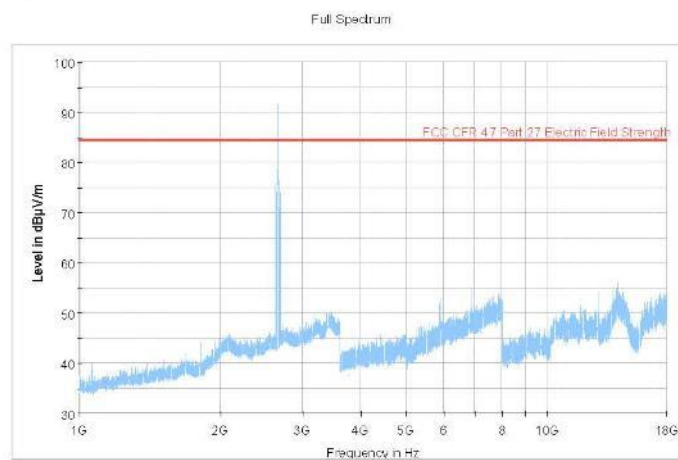


Figure 217 Radiated Emission 1 GHz – 18 GHz (2627.5MHz) (15MHz Channel BW)



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

Test Report No:
D568352794

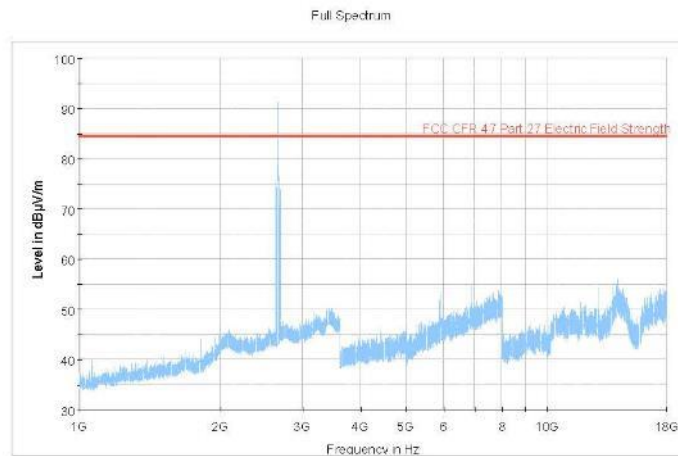


Figure 218 Radiated Emission 1 GHz – 18 GHz (2655MHz) (15MHz Channel BW)

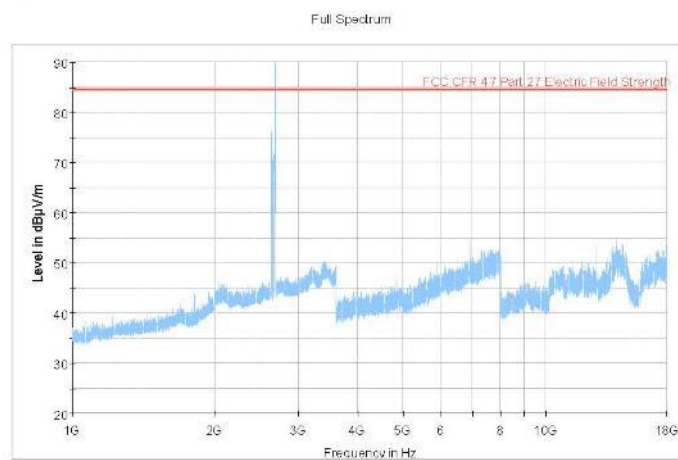


Figure 219 Radiated Emission 1 GHz – 18 GHz (2682.5MHz) (15MHz Channel BW)



Product Service

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

Test Report No:
D568352794

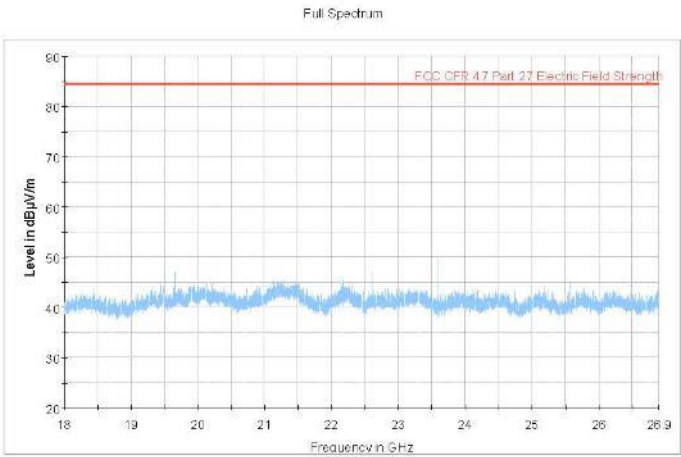


Figure 220 Radiated Emission 18 GHz – 26.9 GHz (2627.5MHz) (15MHz Channel BW)

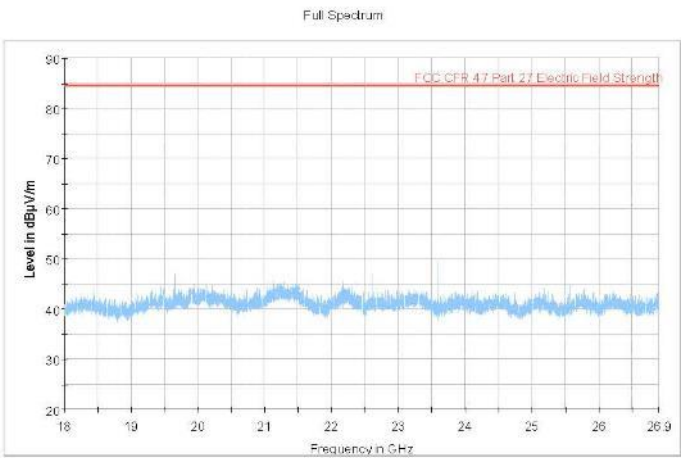


Figure 221 Radiated Emission 18 GHz – 26.9 GHz (2655MHz) (15MHz Channel BW)



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

Test Report No:
D568352794

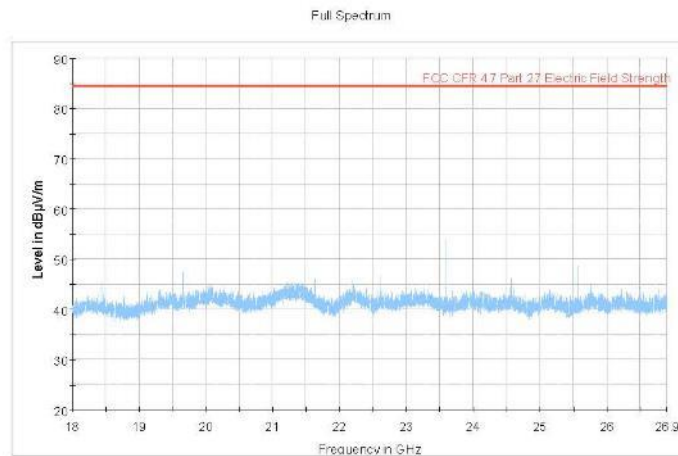


Figure 222 Radiated Emission 18 GHz – 26.9 GHz (2682.5 MHz) (15MHz Channel BW)

Config D:

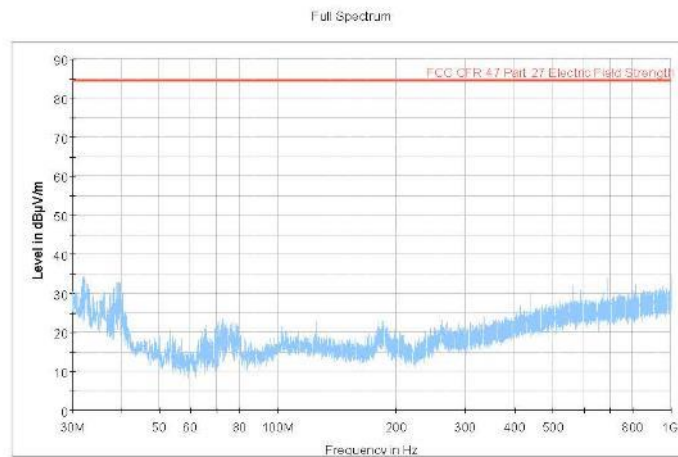


Figure 223 Radiated Emission 30 MHz – 1 GHz (2630MHz) (20MHz Channel BW)



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

Test Report No:
D568352794

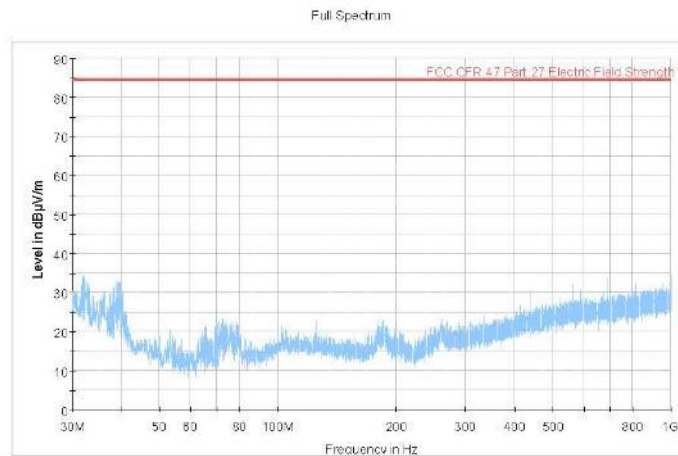


Figure 224 Radiated Emission 30 MHz – 1 GHz (2655MHz) (20MHz Channel BW)

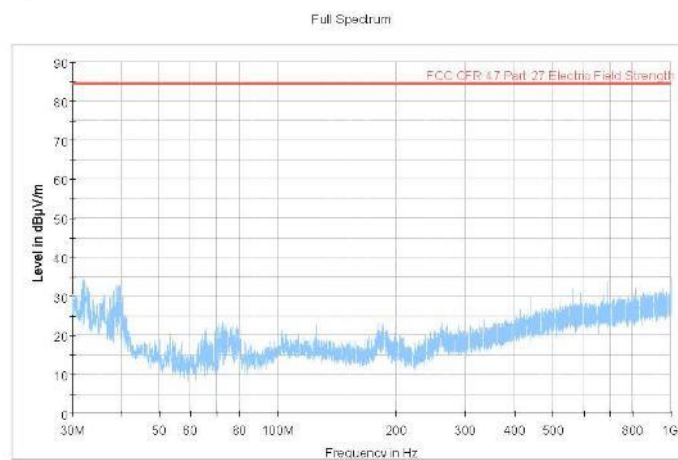


Figure 225 Radiated Emission 30 MHz – 1 GHz (2680MHz) (20MHz Channel BW)



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

Test Report No:
D568352794

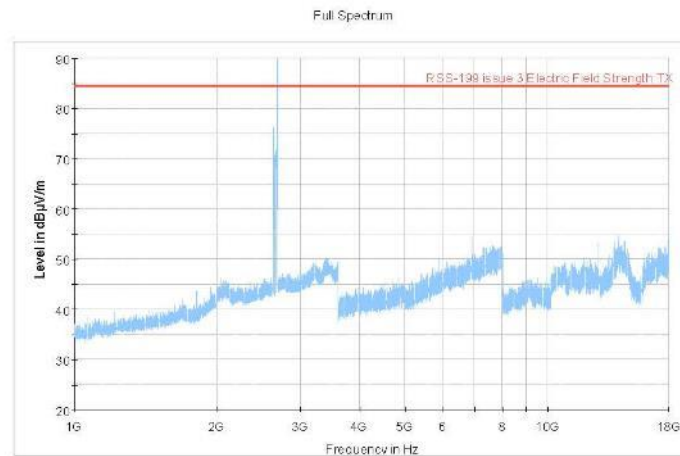


Figure 226 Radiated Emission 1 GHz – 18 GHz (2630MHz) (20MHz Channel BW)

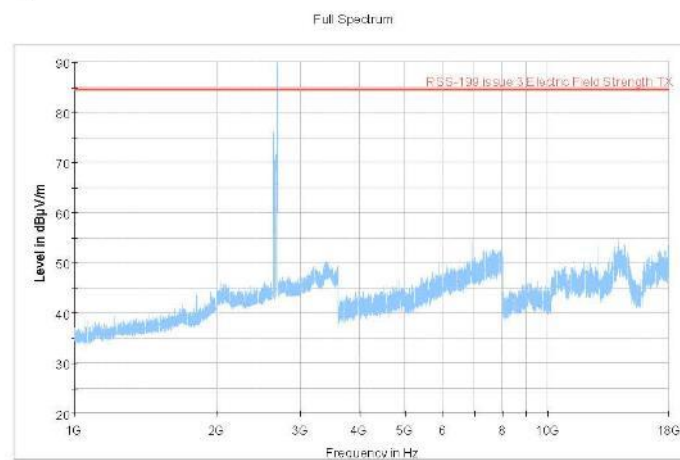


Figure 227 Radiated Emission 1 GHz – 18 GHz (2655MHz) (20MHz Channel BW)