



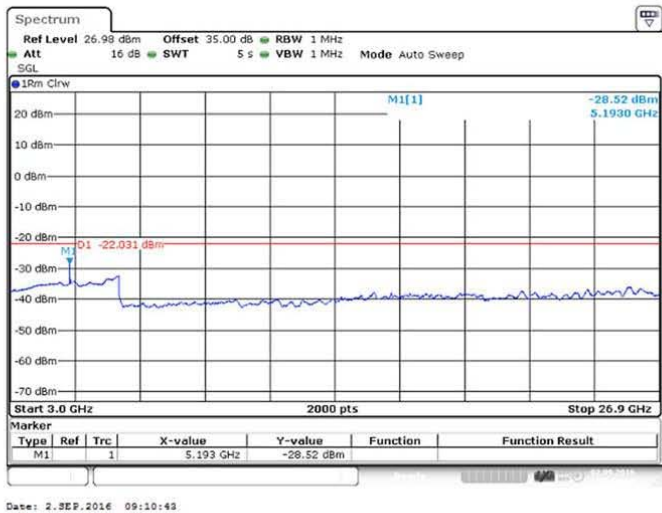
Product Service

FCC ID:
VBNFZHN-01

Test Report No:
D547351042



**Figure 125 Spurious Emissions (9kHz – 3GHz) – 64QAM (2593.0 MHz)
(20MHz Channel BW)**



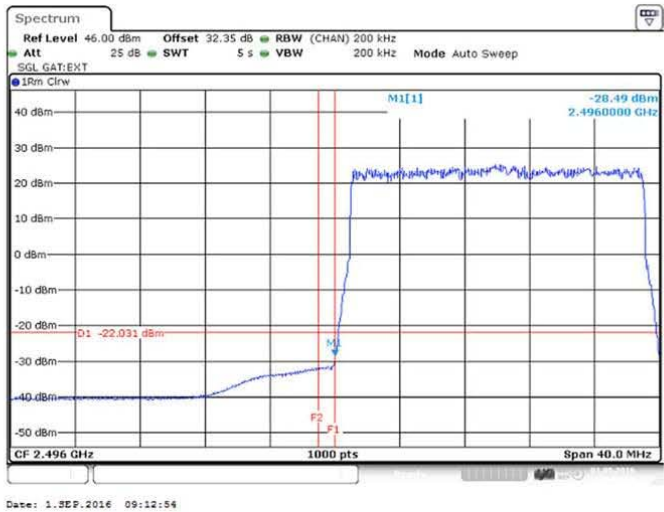
**Figure 126 Spurious Emissions (3GHz – 26.900GHz) – 64QAM (2593.0 MHz)
(20MHz Channel BW)**



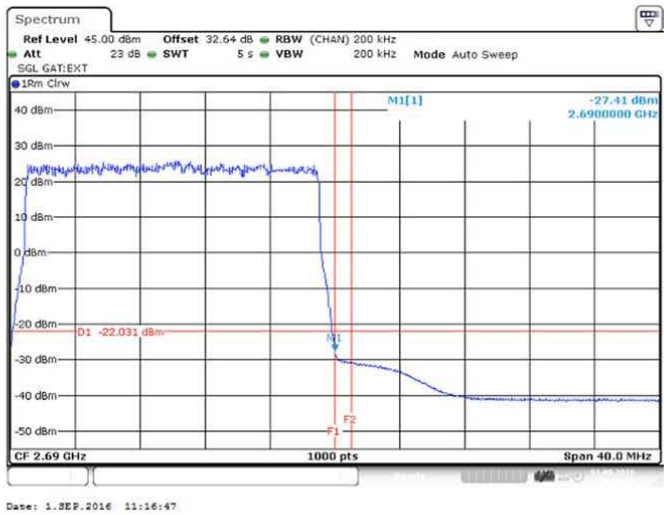
Product Service

FCC ID:
VBNFZHN-01

Test Report No:
D547351042



**Figure 127 Spurious Emissions (Lower Band Edge) – 16QAM (2506.0 MHz)
(20MHz Channel BW)**



**Figure 128 Spurious Emissions (Upper Band Edge) – 16QAM (2680.0 MHz)
(20MHz Channel BW)**



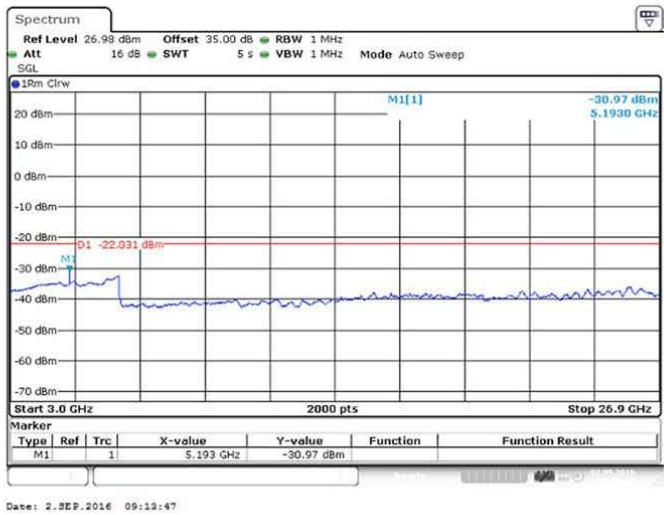
Product Service

FCC ID:
VBNFZHN-01

Test Report No:
D547351042



**Figure 129 Spurious Emissions (9kHz – 3GHz) – 16QAM (2593.0 MHz)
(20MHz Channel BW)**



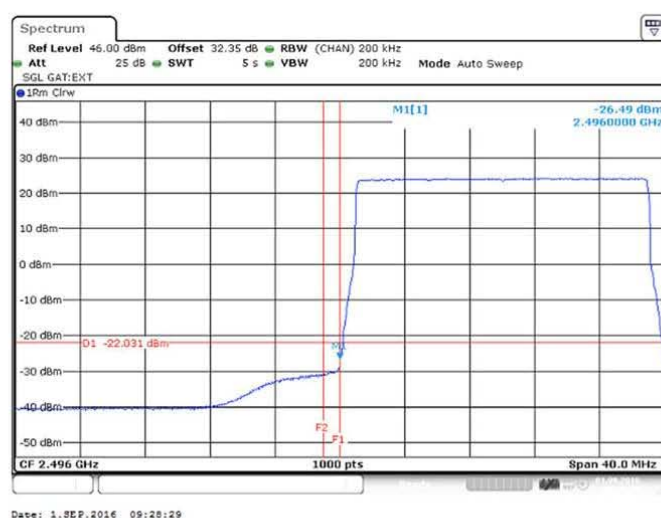
**Figure 43 Spurious Emissions (3GHz – 26.900GHz) – 16QAM (2593.0 MHz)
(20MHz Channel BW)**



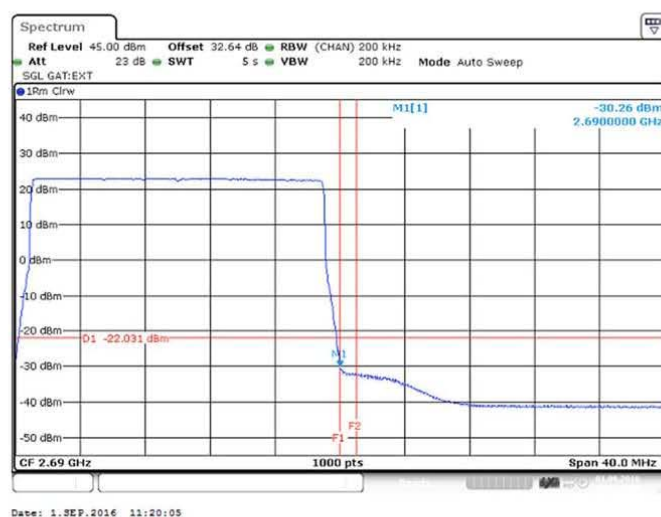
FCC ID:
VBNFZHN-01

Test Report No:
D547351042

Configuration A Antenna 5:



**Figure 130 Spurious Emissions (Lower Band Edge) – QPSK (2506.0 MHz)
(20MHz Channel BW)**



**Figure 131 Spurious Emissions (Upper Band Edge) – QPSK (2680.0 MHz)
(20MHz Channel BW)**



Product Service

FCC ID:
VBNFZHN-01

Test Report No:
D547351042



Figure 132 Spurious Emissions (9kHz – 3GHz) - QPSK (2593.0 MHz) (20MHz Channel BW)

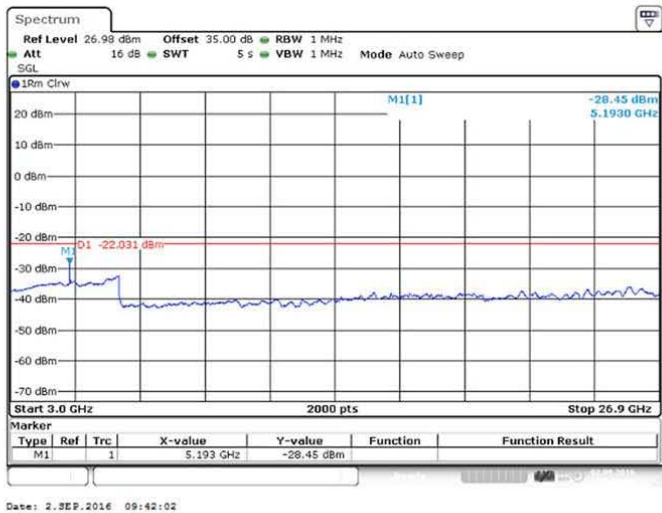


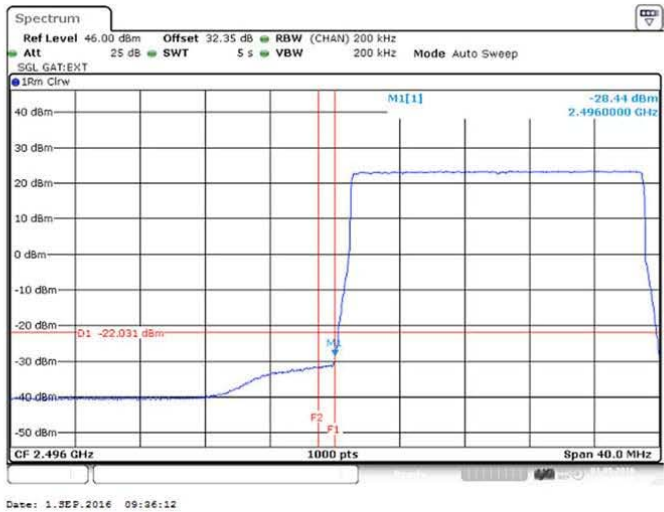
Figure 133 Spurious Emissions (3GHz – 26.900GHz) – QPSK (2593.0 MHz) (20MHz Channel BW)



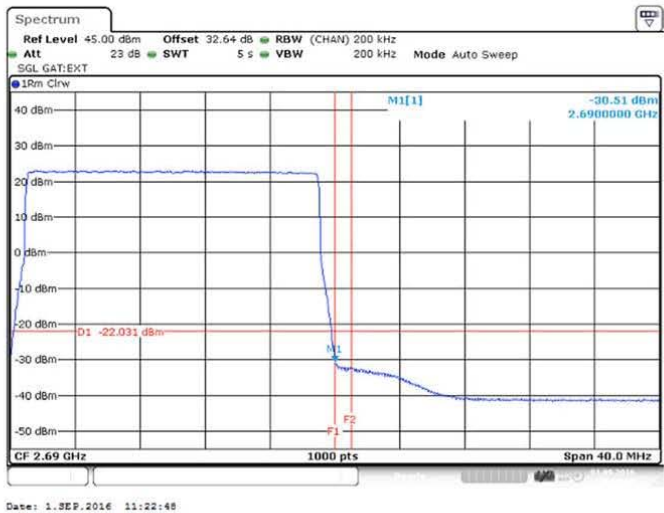
Product Service

FCC ID:
VBNFZHN-01

Test Report No:
D547351042



**Figure 134 Spurious Emissions (Lower Band Edge) – 64QAM (2506.0 MHz)
(20MHz Channel BW)**



**Figure 135 Spurious Emissions (Upper Band Edge) – 64QAM (2680.0 MHz)
(20MHz Channel BW)**



Product Service

FCC ID:
VBNFZHN-01

Test Report No:
D547351042



Figure 136 Spurious Emissions (9kHz – 3GHz) – 64QAM (2593.0 MHz) (20MHz Channel BW)

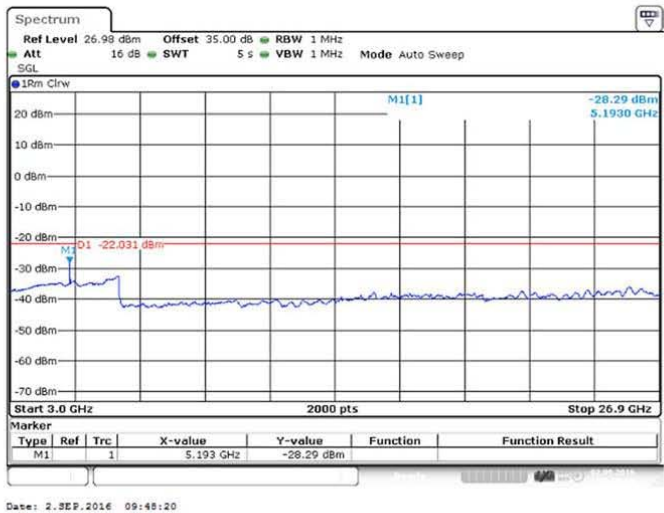


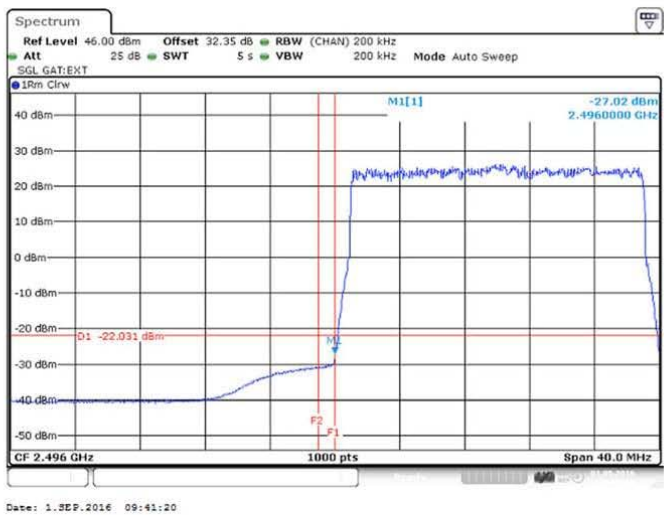
Figure 137 Spurious Emissions (3GHz – 26.900GHz) – 64QAM (2593.0 MHz) (20MHz Channel BW)



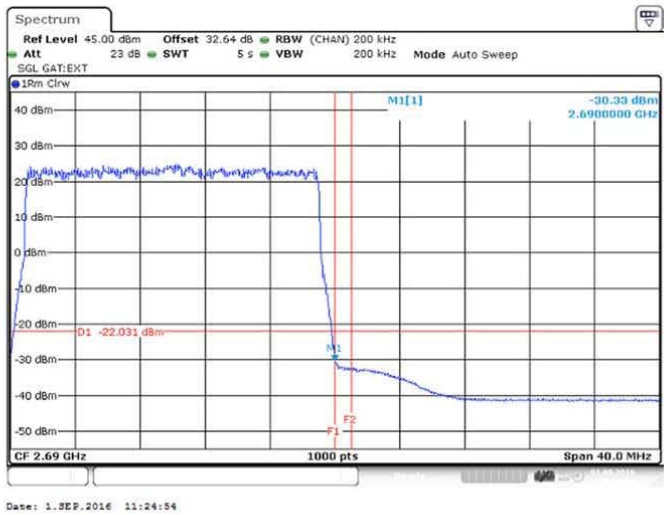
Product Service

FCC ID:
VBNFZHN-01

Test Report No:
D547351042



**Figure 138 Spurious Emissions (Lower Band Edge) – 16QAM (2506.0 MHz)
(20MHz Channel BW)**



**Figure 139 Spurious Emissions (Upper Band Edge) – 16QAM (2680.0 MHz)
(20MHz Channel BW)**



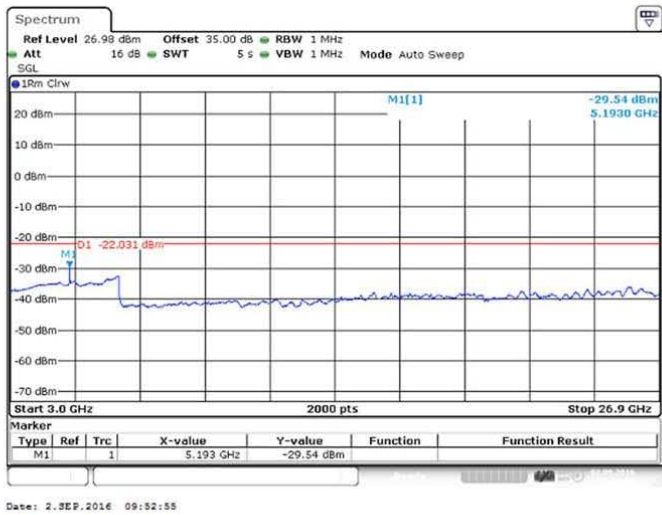
Product Service

FCC ID:
VBNFZHN-01

Test Report No:
D547351042



**Figure 140 Spurious Emissions (9kHz – 3GHz) – 16QAM (2593.0 MHz)
(20MHz Channel BW)**



**Figure 141 Spurious Emissions (3GHz – 26.900GHz) – 16QAM (2593.0 MHz)
(20MHz Channel BW)**



Product Service

FCC ID:
VBNFZHN-01

Test Report No:
D547351042

Configuration A Antenna 6:

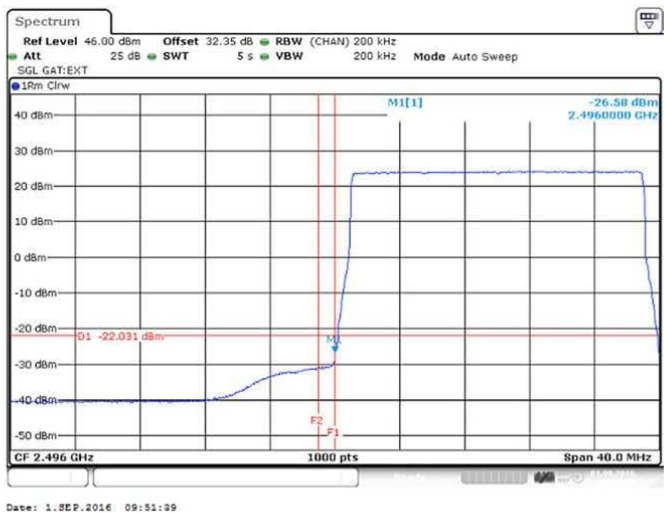


Figure 142 Spurious Emissions (Lower Band Edge) – QPSK (2506.0 MHz)
(20MHz Channel BW)

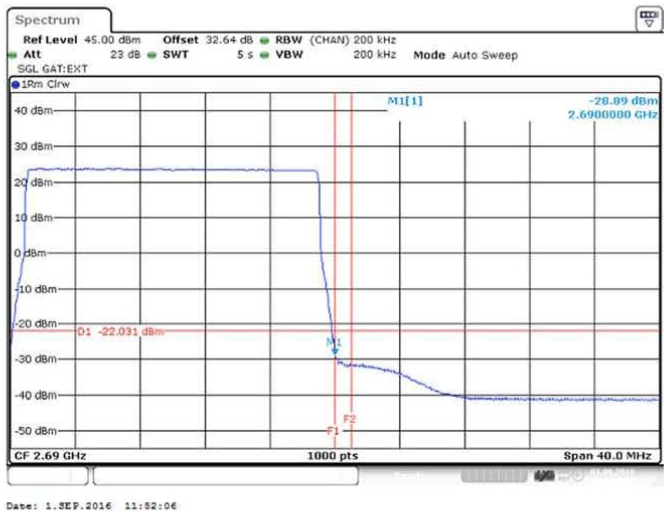


Figure 143 Spurious Emissions (Upper Band Edge) – QPSK (2680.0 MHz)
(20MHz Channel BW)



Product Service

FCC ID:
VBNFZHN-01

Test Report No:
D547351042



Figure 144 Spurious Emissions (9kHz – 3GHz) – QPSK (2593.0 MHz) (20MHz Channel BW)

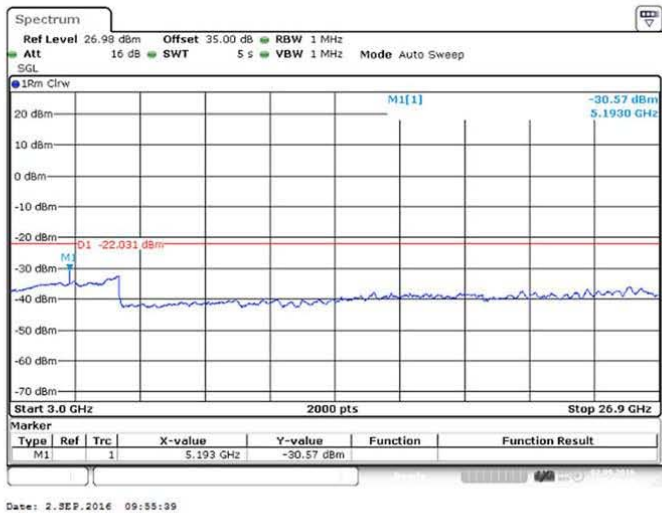


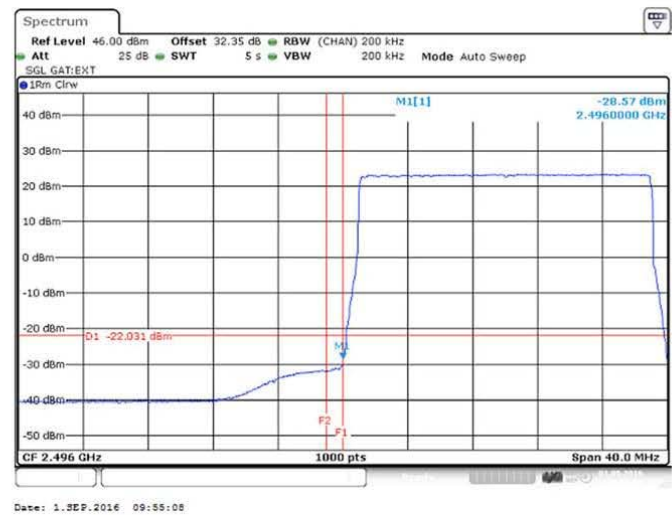
Figure 145 Spurious Emissions (3GHz – 26.900GHz) – QPSK (2593.0 MHz) (20MHz Channel BW)



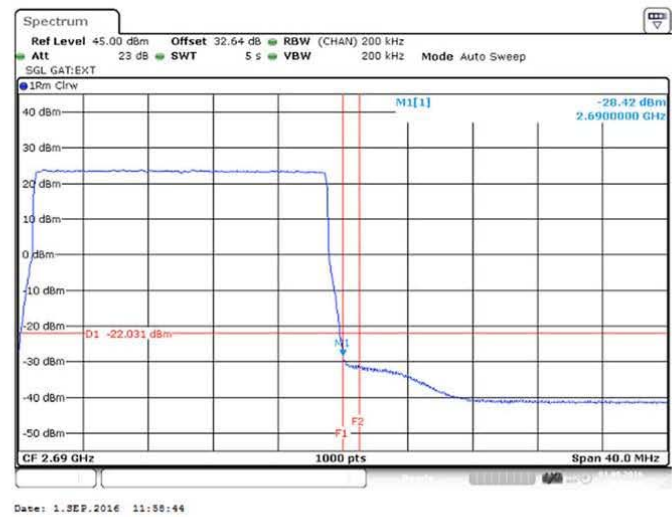
Product Service

FCC ID:
VBNFZHN-01

Test Report No:
D547351042



**Figure 146 Spurious Emissions (Lower Band Edge)– 64QAM (2506.0 MHz)
(20MHz Channel BW)**



**Figure 147 Spurious Emissions (Upper Band Edge) – 64QAM (2680.0 MHz)
(20MHz Channel BW)**



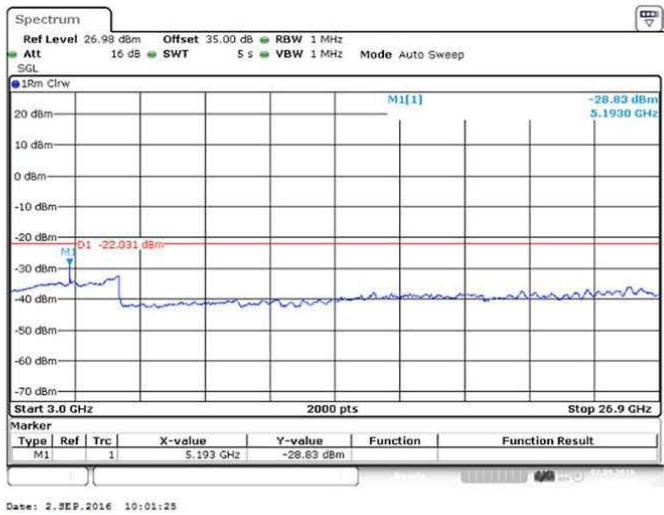
Product Service

FCC ID:
VBNFZHN-01

Test Report No:
D547351042



**Figure 148 Spurious Emissions (9kHz – 3GHz) – 64QAM (2593.0 MHz)
(20MHz Channel BW)**



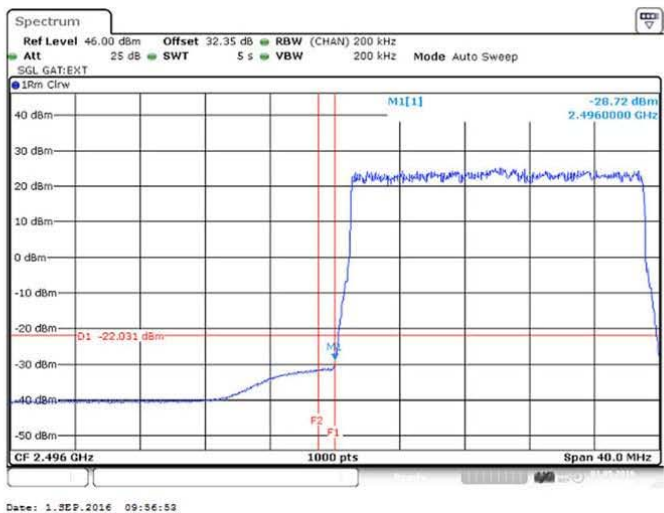
**Figure 148 Spurious Emissions (3GHz – 26.900GHz) – 64QAM (2593.0 MHz)
(20MHz Channel BW)**



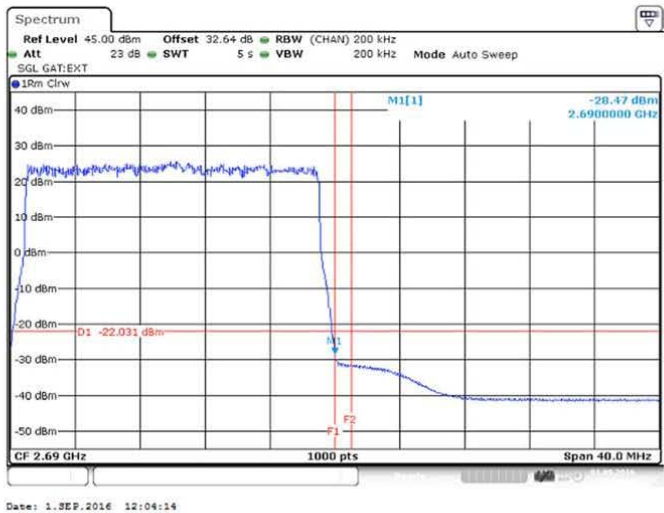
Product Service

FCC ID:
VBNFZHN-01

Test Report No:
D547351042



**Figure 149 Spurious Emissions (Lower Band Edge) – 16QAM (2506.0 MHz)
(20MHz Channel BW)**



**Figure 44 Spurious Emissions (Upper Band Edge) – 16QAM (2680.0 MHz)
(20MHz Channel BW)**



Product Service

FCC ID:
VBNFZHN-01

Test Report No:
D547351042



Figure 45 Spurious Emissions (9kHz – 3GHz) – 16QAM (2593.0 MHz) (20MHz Channel BW)

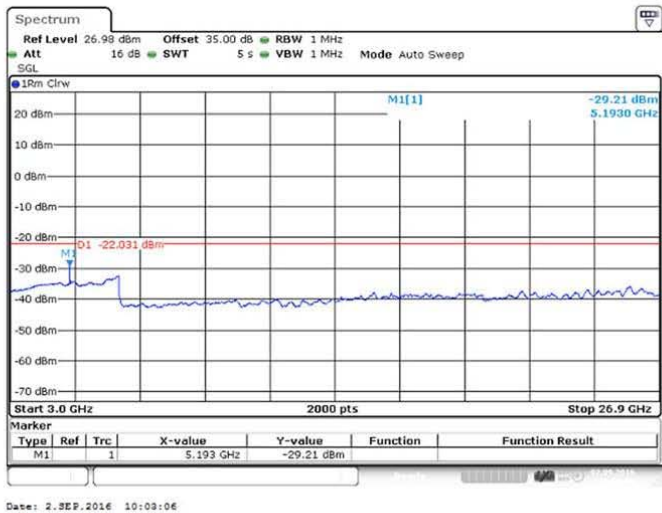


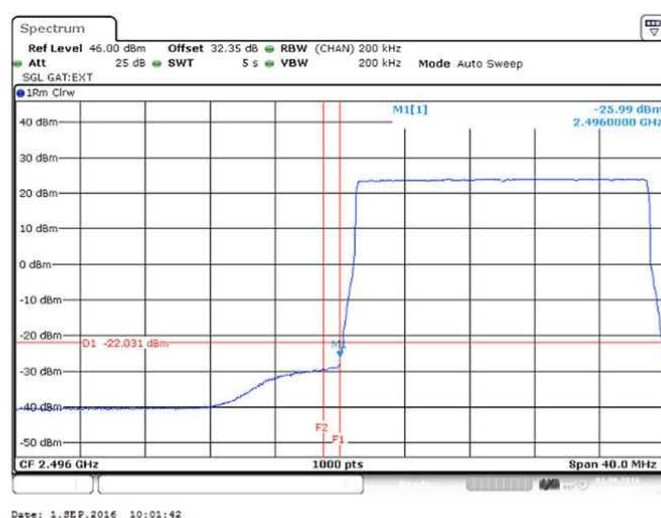
Figure 46 Spurious Emissions (3GHz – 26.900GHz) – 16QAM (2593.0 MHz) (20MHz Channel BW)



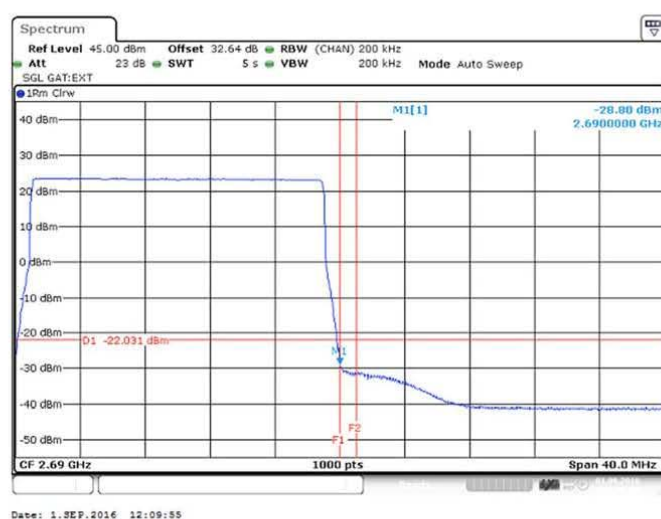
FCC ID:
VBNFZHN-01

Test Report No:
D547351042

Configuration A Antenna 7:



**Figure 47 Spurious Emissions (Lower Band Edge) – QPSK (2506.0 MHz)
(20MHz Channel BW)**



**Figure 48 Spurious Emissions (Upper Band Edge) – QPSK (2680.0 MHz)
(20MHz Channel BW)**



Product Service

FCC ID:
VBNFZHN-01

Test Report No:
D547351042



Figure 49 Spurious Emissions (9kHz – 3GHz) – QPSK (2593.0 MHz) (20MHz Channel BW)

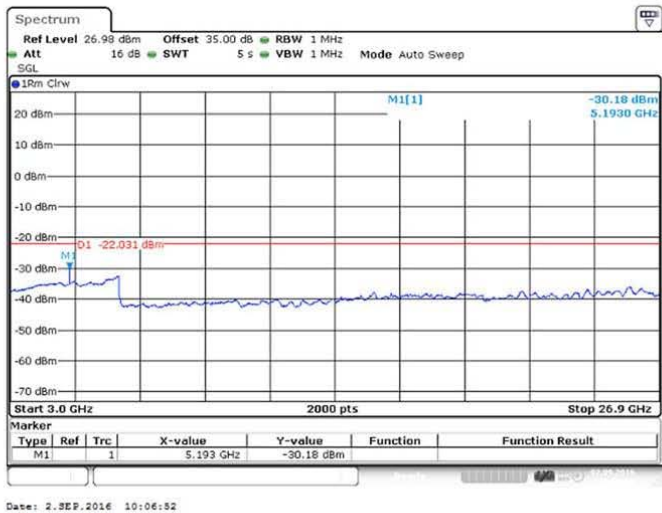


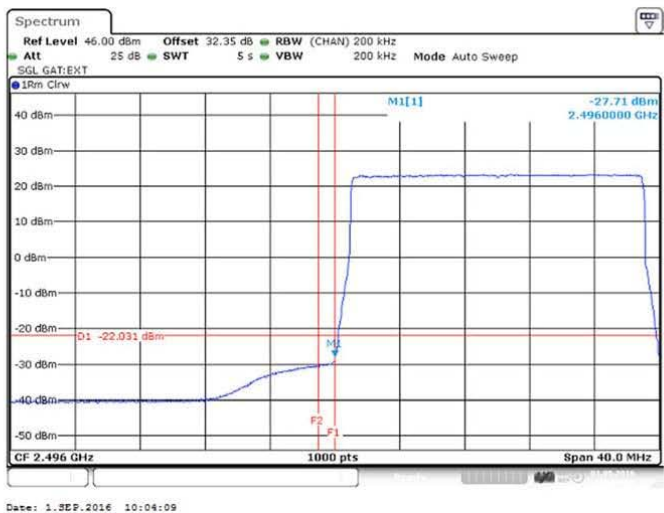
Figure 50 Spurious Emissions (3GHz – 26.900GHz) – QPSK (2593.0 MHz) (20MHz Channel BW)



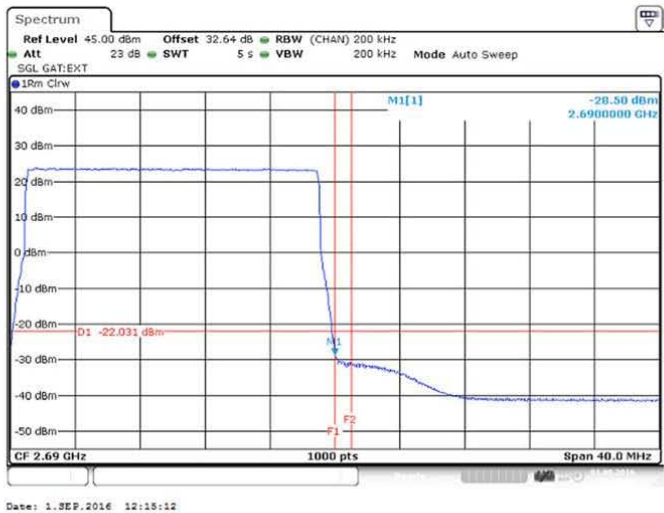
Product Service

FCC ID:
VBNFZHN-01

Test Report No:
D547351042



**Figure 51 Spurious Emissions (Lower Band Edge) – 64QAM (2506.0 MHz)
(20MHz Channel BW)**



**Figure 52 Spurious Emissions (Upper Band Edge) – 64QAM (2680.0 MHz)
(20MHz Channel BW)**



Product Service

FCC ID:
VBNFZHN-01

Test Report No:
D547351042

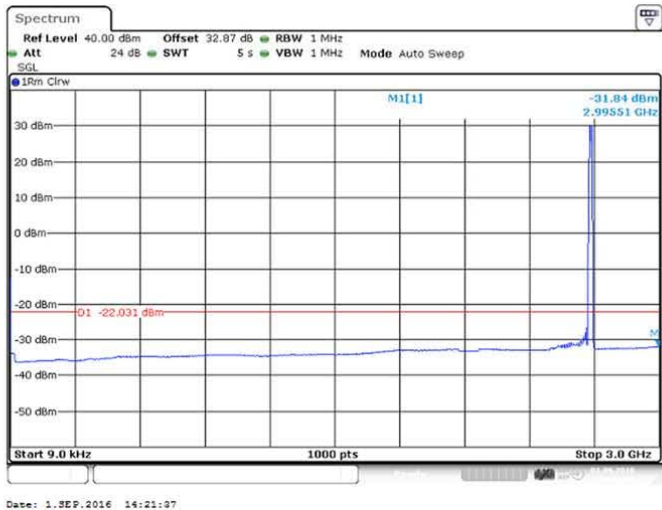


Figure 53 Spurious Emissions (9kHz – 3GHz) – 64QAM (2593.0 MHz) (20MHz Channel BW)

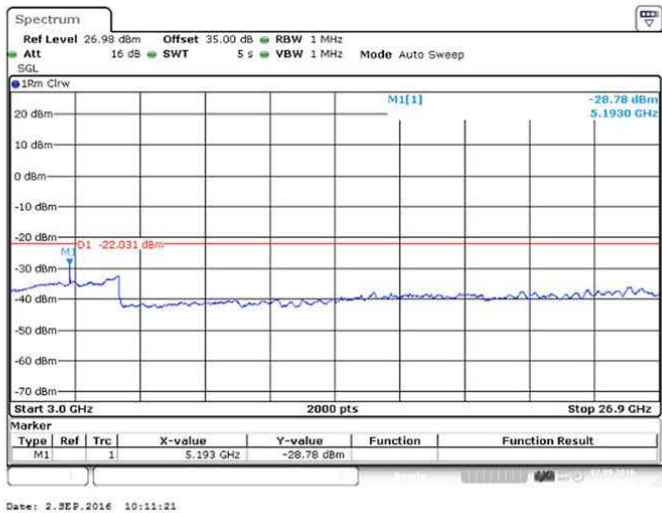


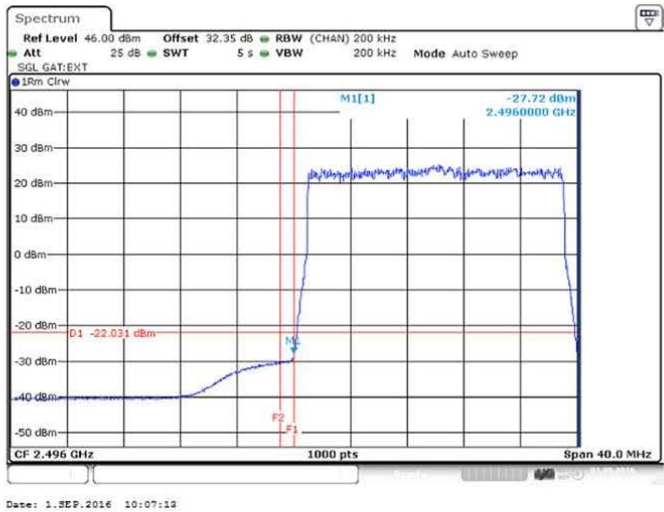
Figure 54 Spurious Emissions (3GHz – 26.900GHz) – 64QAM (2593.0 MHz) (20MHz Channel BW)



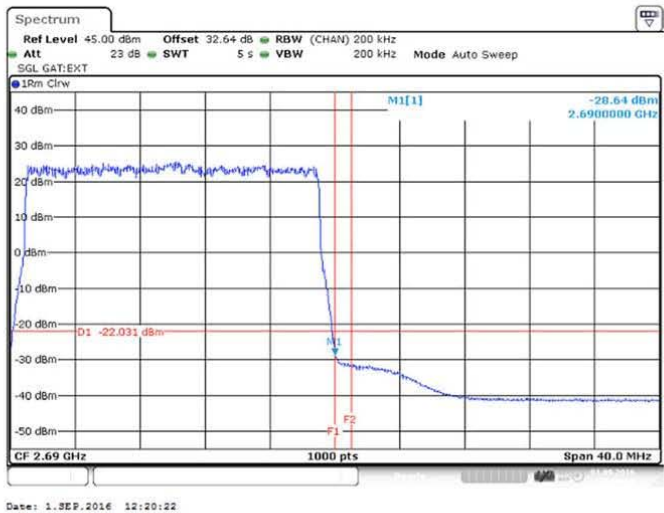
Product Service

FCC ID:
VBNFZHN-01

Test Report No:
D547351042



**Figure 55 Spurious Emissions (Lower Band Edge) – 16QAM (2506.0 MHz)
(20MHz Channel BW)**



**Figure 56 Spurious Emissions (Upper Band Edge) – 16QAM (2680.0 MHz)
(20MHz Channel BW)**



Product Service

FCC ID:
VBNFZHN-01

Test Report No:
D547351042



Figure 57 Spurious Emissions (9kHz – 3GHz) – 16QAM (2593.0 MHz) (20MHz Channel BW)

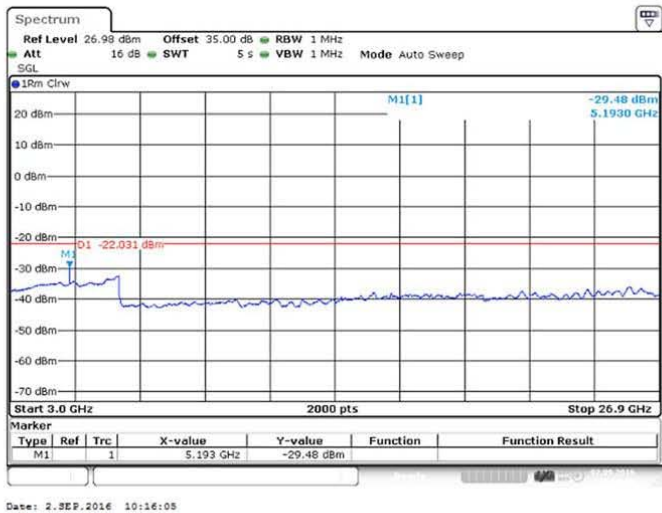


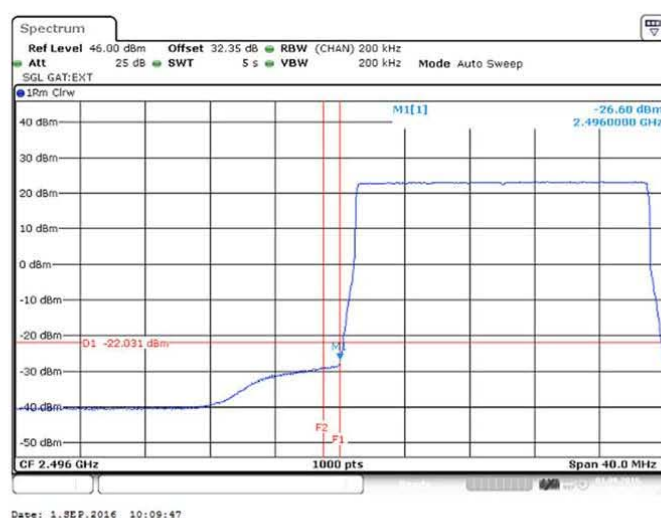
Figure 58 Spurious Emissions (3GHz – 26.900GHz) – 16QAM (2593.0 MHz) (20MHz Channel BW)



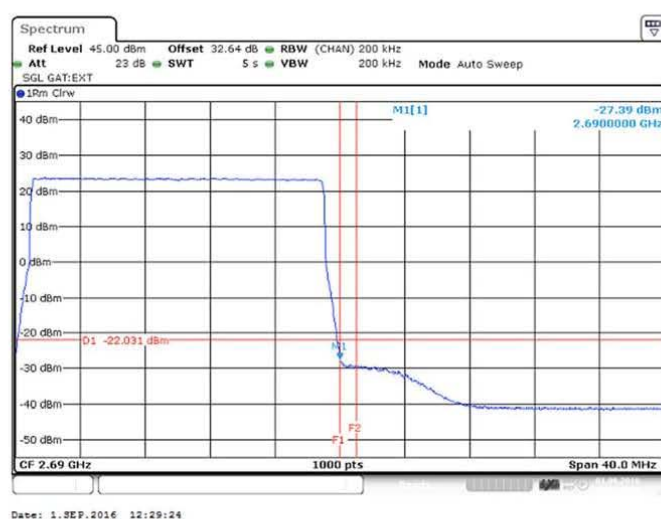
FCC ID:
VBNFZHN-01

Test Report No:
D547351042

Configuration A Antenna 8:



**Figure 59 Spurious Emissions (Lower Band Edge) – QPSK (2506.0 MHz)
(20MHz Channel BW)**



**Figure 60 Spurious Emissions (Upper Band Edge) – QPSK (2680.0 MHz)
(20MHz Channel BW)**



Product Service

FCC ID:
VBNFZHN-01

Test Report No:
D547351042



Figure 61 Spurious Emissions (9kHz – 3GHz) – QPSK (2593.0 MHz) (20MHz Channel BW)

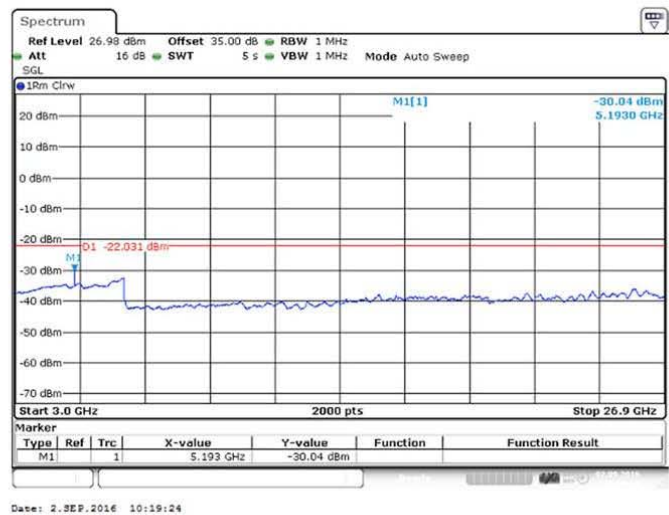


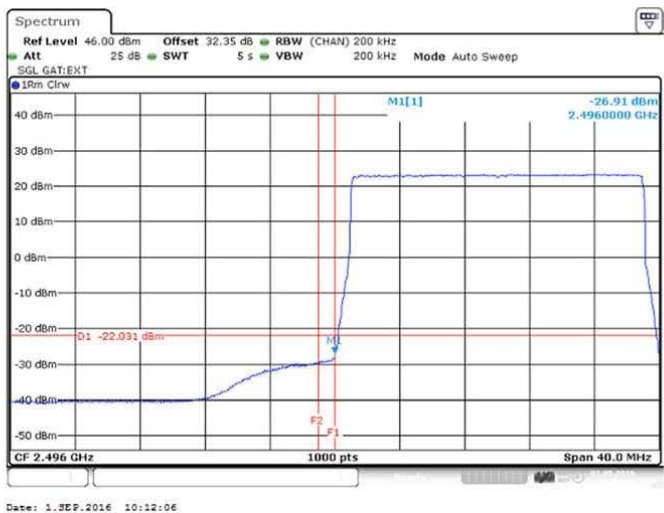
Figure 62 Spurious Emissions (3GHz – 26.900GHz) – QPSK (2593.0 MHz) (20MHz Channel BW)



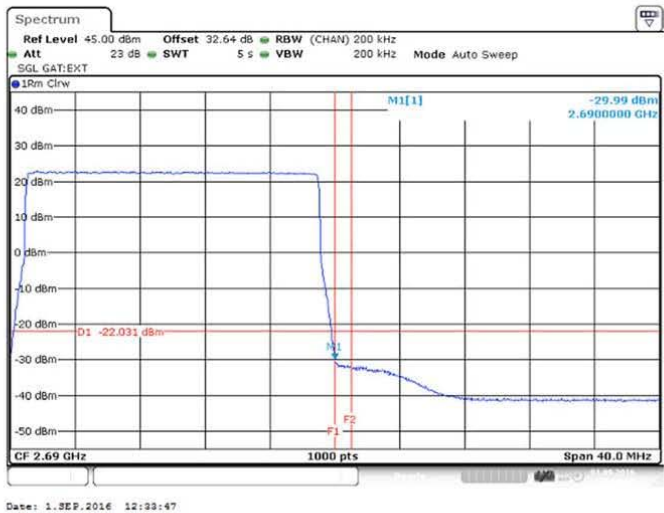
Product Service

FCC ID:
VBNFZHN-01

Test Report No:
D547351042



**Figure 63 Spurious Emissions (Lower Band Edge) – 64QAM (2506.0 MHz)
(20MHz Channel BW)**



**Figure 64 Spurious Emissions (Upper Band Edge) – 64QAM (2680.0 MHz)
(20MHz Channel BW)**



Product Service

FCC ID:
VBNFZHN-01

Test Report No:
D547351042



Figure 65 Spurious Emissions (9kHz – 3GHz) – 64QAM (2593.0 MHz) (20MHz Channel BW)

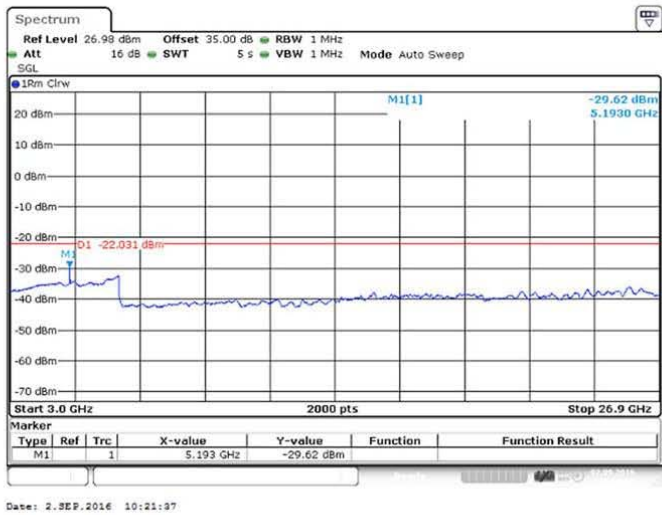


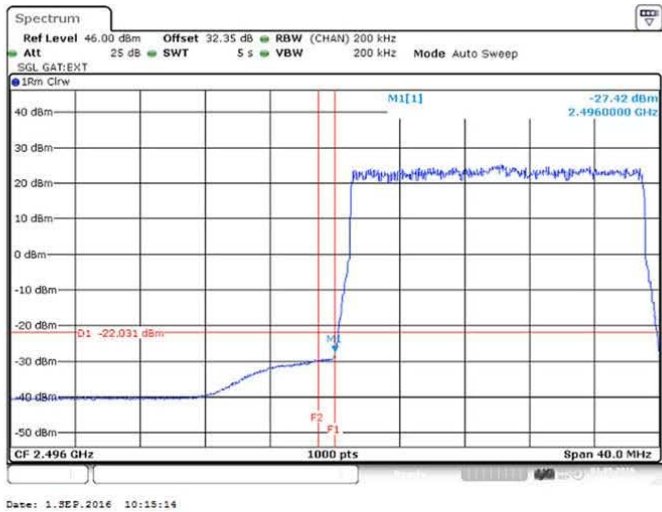
Figure 66 Spurious Emissions (3GHz – 26.900GHz) – 64QAM (2593.0 MHz) (20MHz Channel BW)



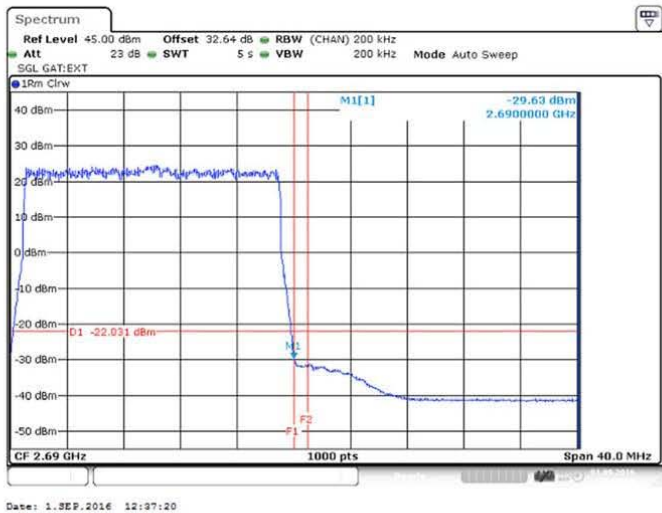
Product Service

FCC ID:
VBNFZHN-01

Test Report No:
D547351042



**Figure 67 Spurious Emissions (Lower Band Edge) – 16QAM (2506.0 MHz)
(20MHz Channel BW)**



**Figure 68 Spurious Emissions (Upper Band Edge) – 16QAM (2680.0 MHz)
(20MHz Channel BW)**



Product Service

FCC ID:
VBNFZHN-01

Test Report No:
D547351042



Figure 69 Spurious Emissions (9kHz – 3GHz) – 16QAM (2593.0 MHz) (20MHz Channel BW)

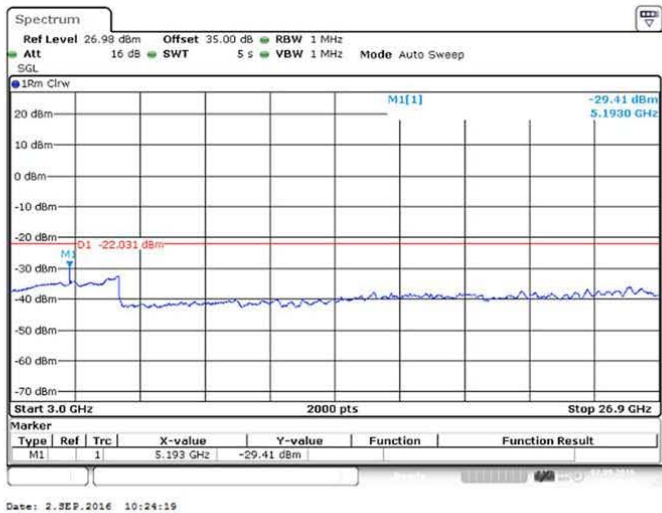


Figure 70 Spurious Emissions (3GHz – 26.900GHz) – 16QAM (2593.0 MHz) (20MHz Channel BW)



Product Service

FCC ID:
VBNFZHN-01

Test Report No:
D547351042

Configuration B Antenna 1:

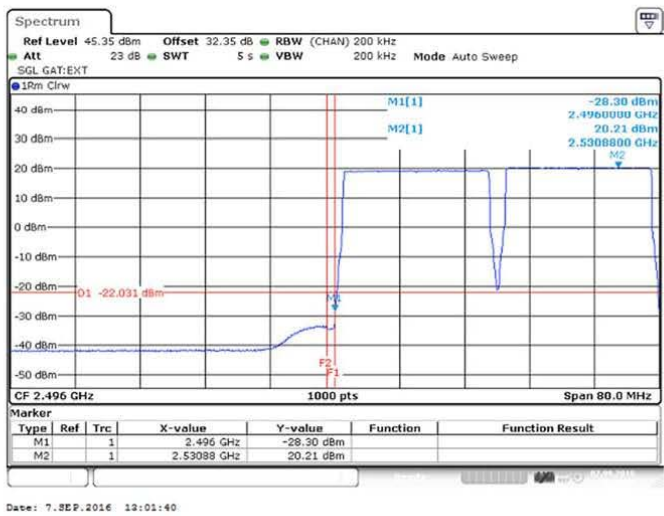


Figure 71 Spurious Emissions (Lower Band Edge) – QPSK (2506.0/2526.0 MHz) (2 X 20 MHz Channel BW)

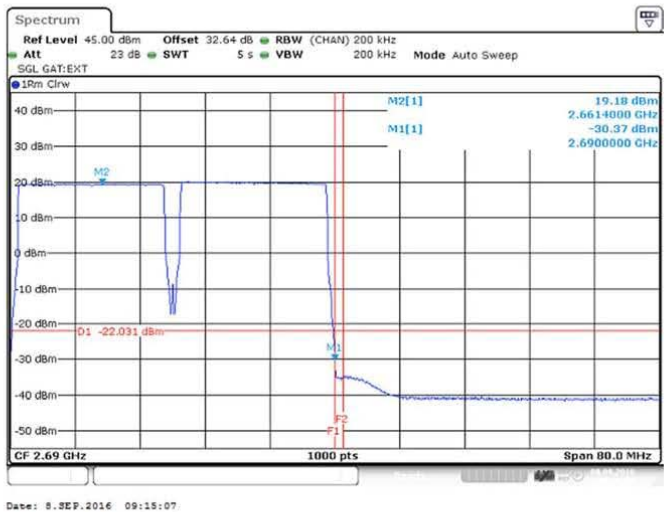


Figure 72 Spurious Emissions (Upper Band Edge) – QPSK (2660.0/2680.0 MHz) (2 X 20 MHz Channel BW)



Product Service

FCC ID:
VBNFZHN-01

Test Report No:
D547351042

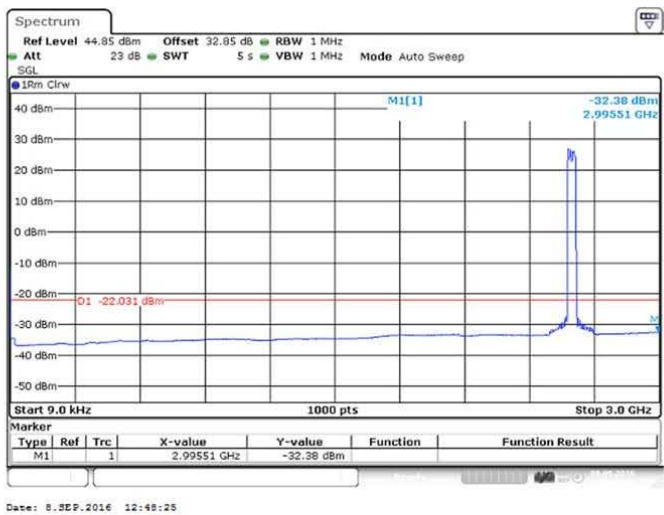


Figure 73 Spurious Emissions (9kHz – 3GHz) - QPSK (2583.0/2603.0 MHz) (2 X 20 MHz Channel BW)

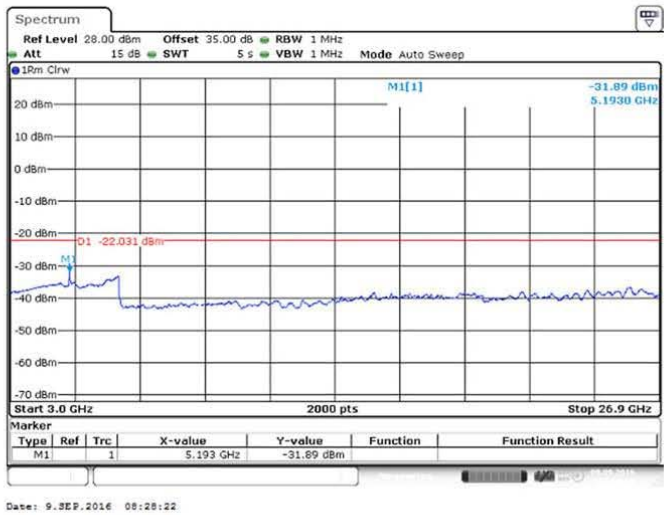


Figure 74 Spurious Emissions (3GHz – 26.900GHz) – QPSK (2583.0/2603.0 MHz) (2 X 20 MHz Channel BW)



Product Service

FCC ID:
VBNFZHN-01

Test Report No:
D547351042

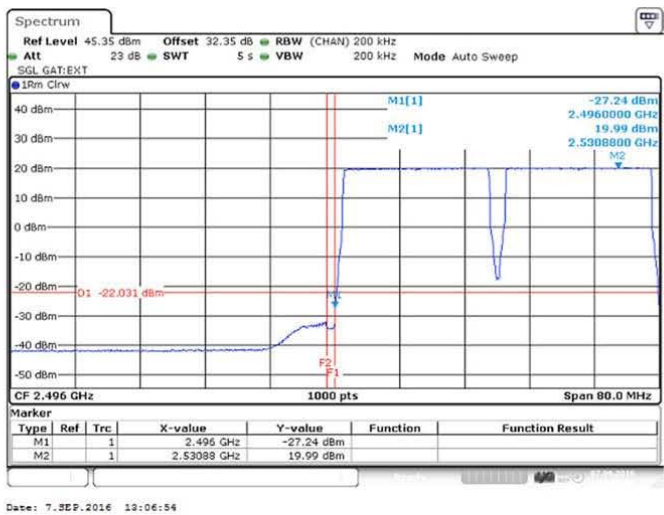


Figure 75 Spurious Emissions (Lower Band Edge) – 64QAM (2506.0/2526.0 MHz) (2 X 20 MHz Channel BW)

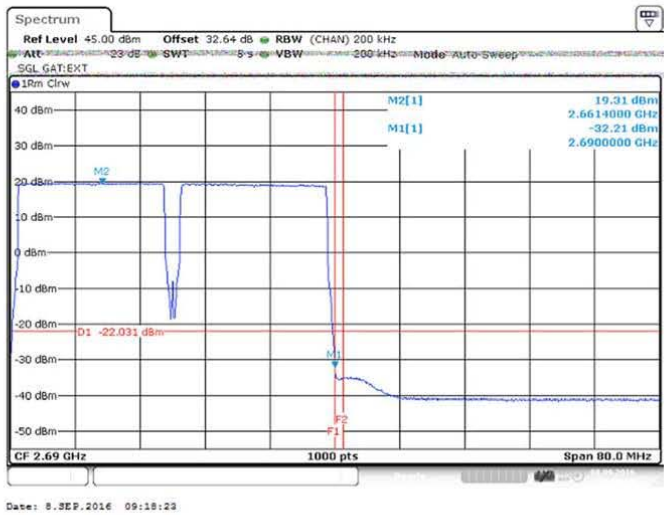


Figure 76 Spurious Emissions (Upper Band Edge) – 64QAM (2660.0/2680.0 MHz) (2 X 20 MHz Channel BW)



Product Service

FCC ID:
VBNFZHN-01

Test Report No:
D547351042

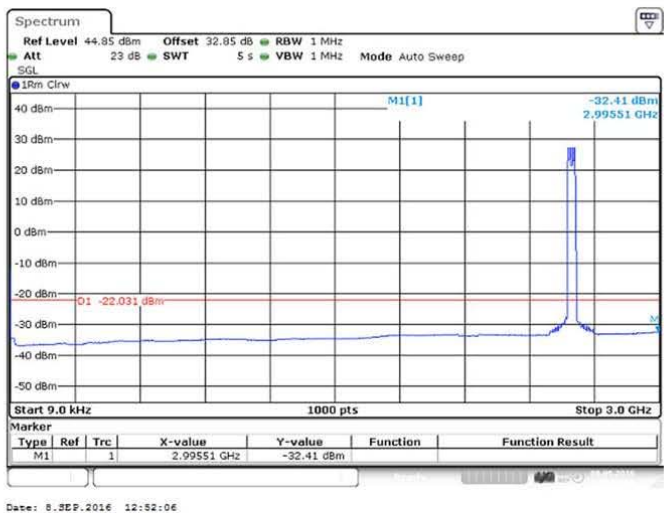


Figure 77 Spurious Emissions (9kHz – 3GHz) – 64QAM (2583.0/2603.0 MHz) (2 X 20 MHz Channel BW)

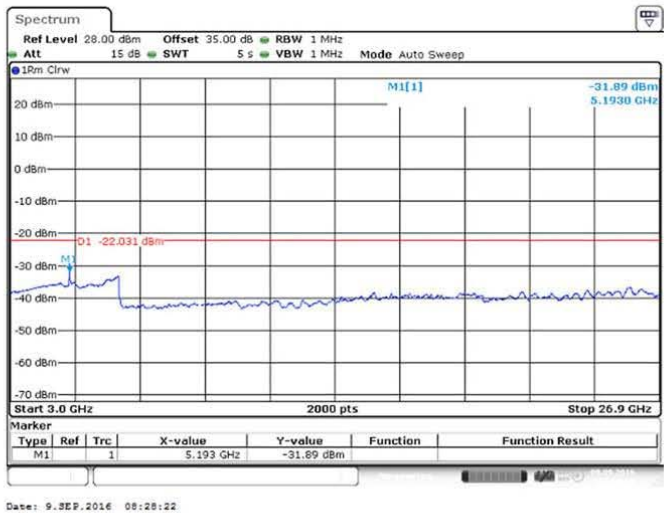


Figure 78 Spurious Emissions (3GHz – 26.900GHz) – 64QAM (2583.0/2603.0 MHz) (2 X 20 MHz Channel BW)



Product Service

FCC ID:
VBNFZHN-01

Test Report No:
D547351042

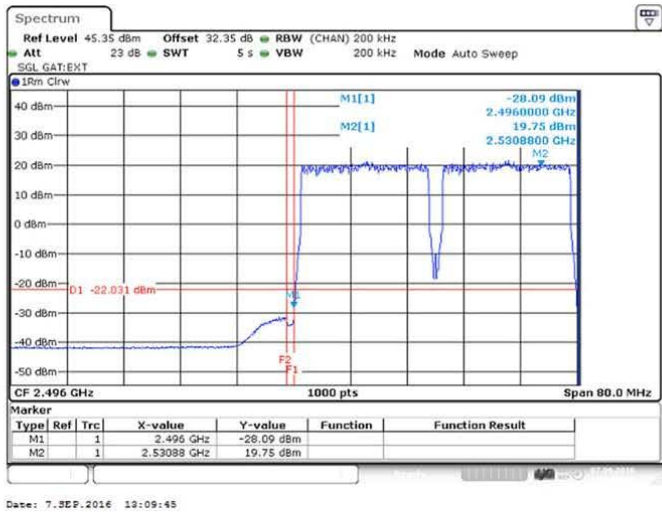


Figure 79 Spurious Emissions (Lower Band Edge) – 16QAM (2506.0/2526.0 MHz) (2 X 20 MHz Channel BW)

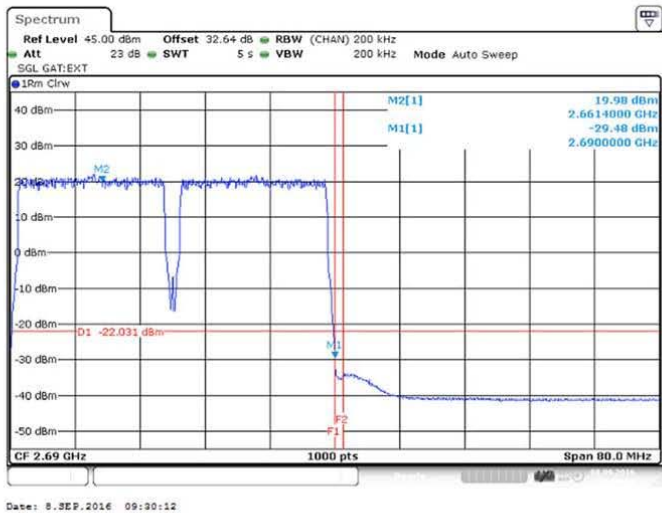


Figure 80 Spurious Emissions (Upper Band Edge) – 16QAM (2660.0/2680.0 MHz) (2 X 20 MHz Channel BW)



Product Service

FCC ID:
VBNFZHN-01

Test Report No:
D547351042

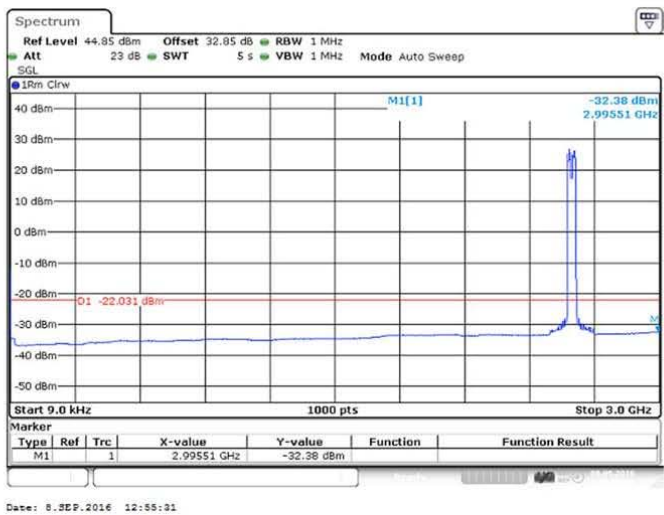


Figure 81 Spurious Emissions (9kHz – 3GHz) – 16QAM (2583.0/2603.0 MHz) (2 X 20 MHz Channel BW)

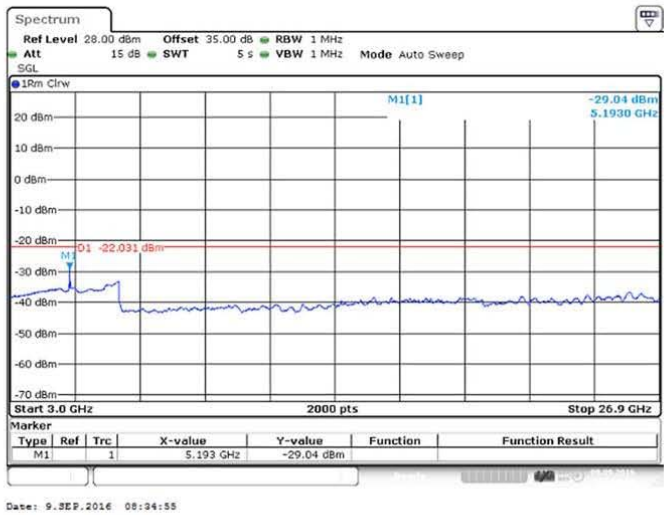


Figure 82 Spurious Emissions (3GHz – 26.900GHz) – 16QAM (2583.0/2603.0 MHz) (2 X 20 MHz Channel BW)



Product Service

FCC ID:
VBNFZHN-01

Test Report No:
D547351042

Configuration B Antenna 2:

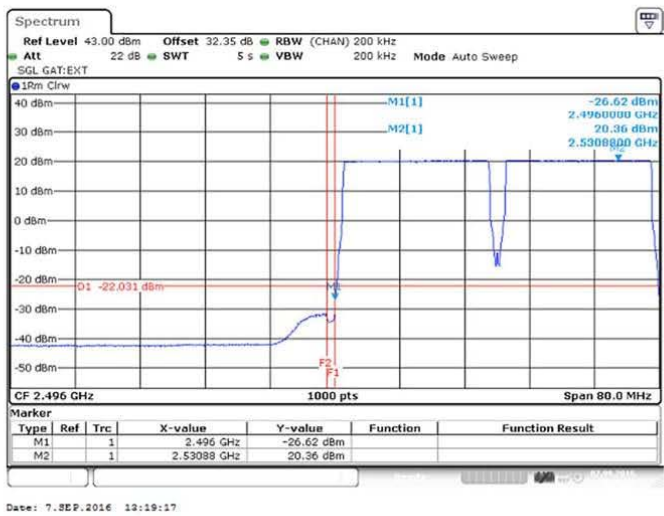


Figure 83 Spurious Emissions (Lower Band Edge) – QPSK (2506.0/2526.0 MHz) (2 X 20 MHz Channel BW)

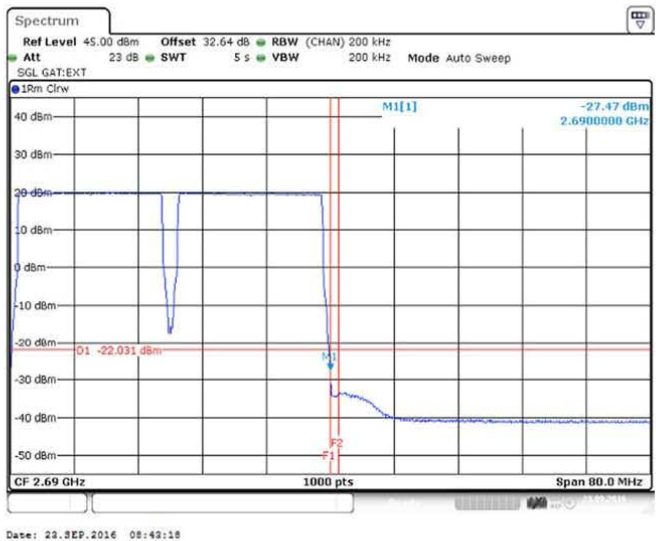


Figure 84 Spurious Emissions (Upper Band Edge) – QPSK (2660.0/2680.0 MHz) (2 X 20 MHz Channel BW)



Product Service

FCC ID:
VBNFZHN-01

Test Report No:
D547351042

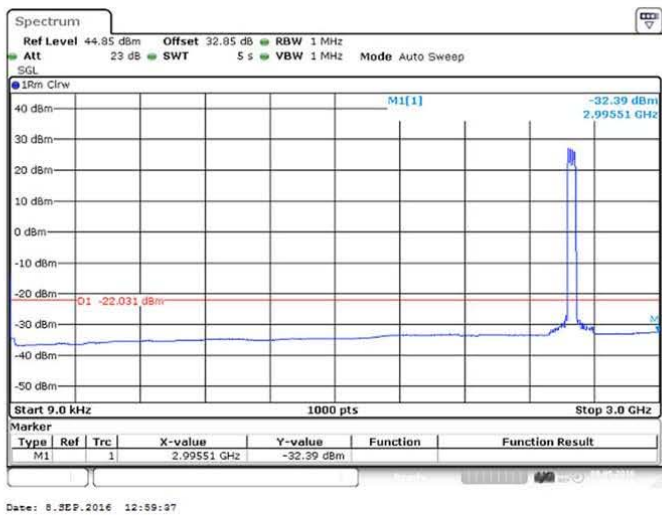


Figure 85 Spurious Emissions (9kHz – 3GHz) - QPSK (2583.0/2603.0 MHz) (2 X 20 MHz Channel BW)

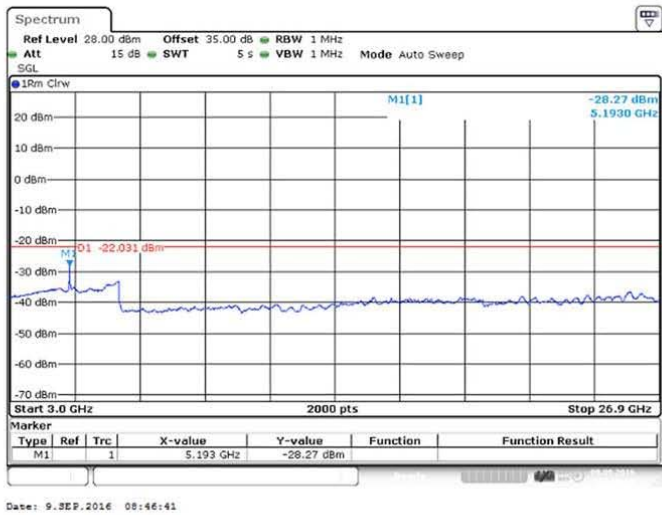


Figure 86 Spurious Emissions (3GHz – 26.900GHz) – QPSK (2583.0/2603.0 MHz) (2 X 20 MHz Channel BW)



Product Service

FCC ID:
VBNFZHN-01

Test Report No:
D547351042

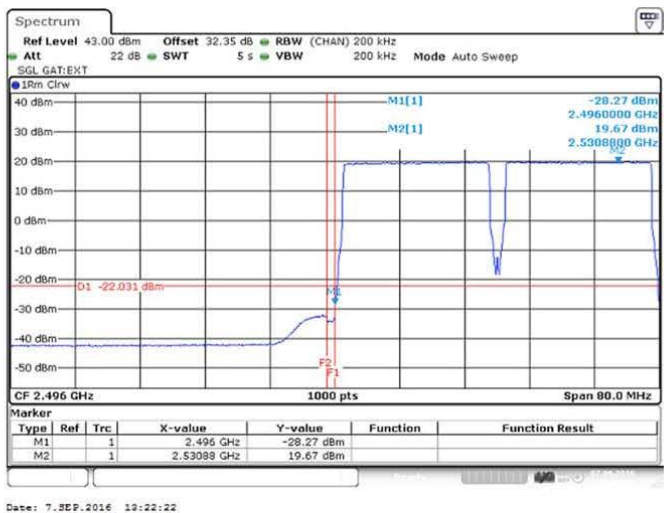


Figure 87 Spurious Emissions (Lower Band Edge) – 64QAM (2506.0/2526.0 MHz) (2 X 20 MHz Channel BW)

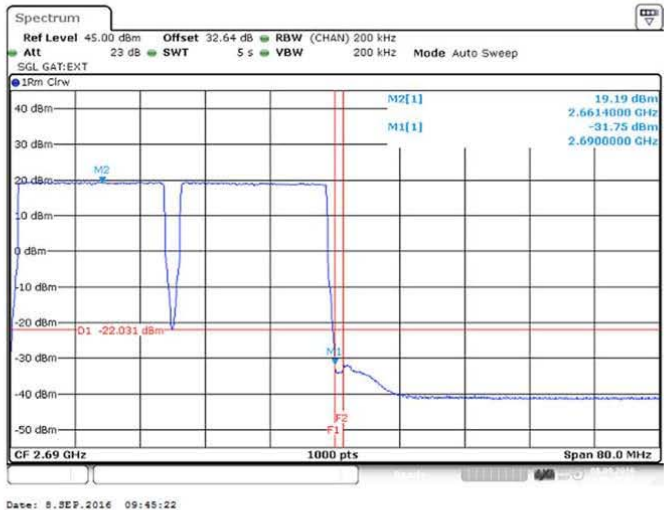


Figure 88 Spurious Emissions (Upper Band Edge) – 64QAM (2660.0/2680.0 MHz) (2 X 20 MHz Channel BW)



Product Service

FCC ID:
VBNFZHN-01

Test Report No:
D547351042

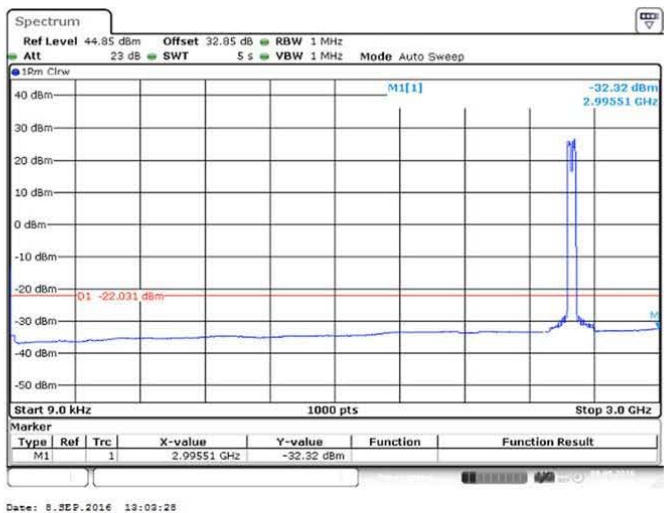


Figure 89 Spurious Emissions (9kHz – 3GHz) – 64QAM (2583.0/2603.0 MHz) (2 X 20 MHz Channel BW)

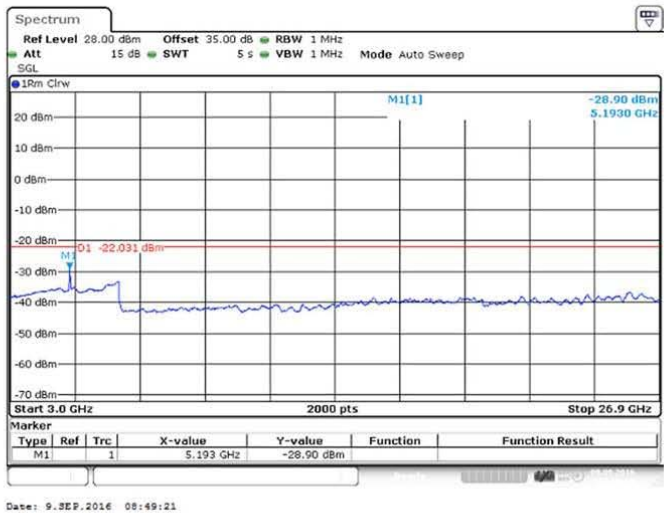


Figure 90 Spurious Emissions (3GHz – 26.900GHz) – 64QAM (2583.0/2603.0 MHz) (2 X 20 MHz Channel BW)



Product Service

FCC ID:
VBNFZHN-01

Test Report No:
D547351042

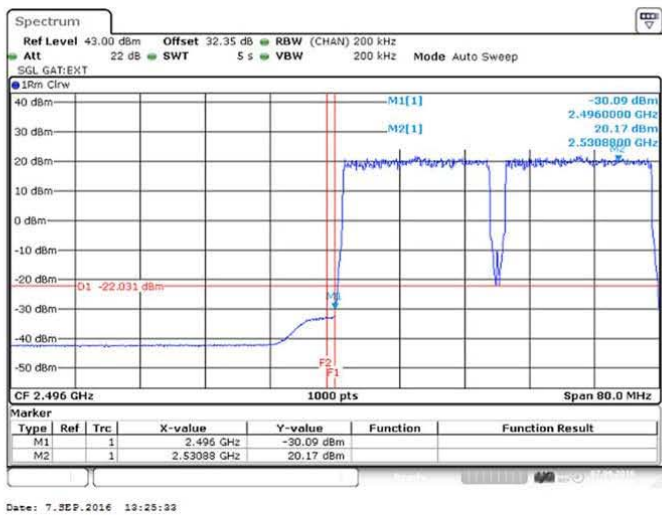


Figure 91 Spurious Emissions (Lower Band Edge) – 16QAM (2506.0/2526.0 MHz) (2 X 20 MHz Channel BW)

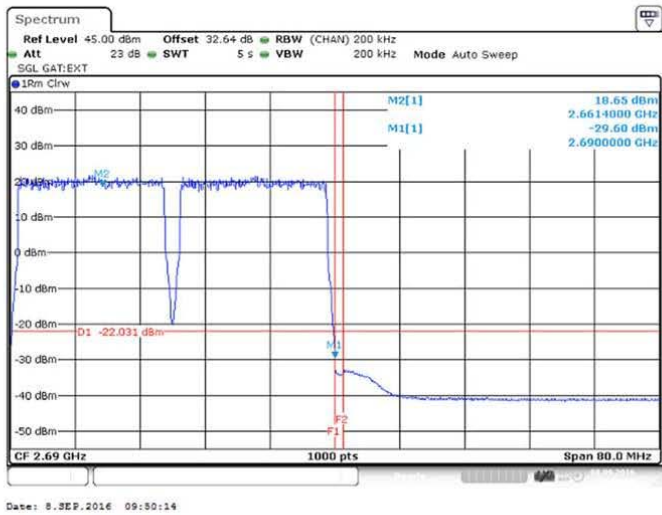


Figure 92 Spurious Emissions (Upper Band Edge) – 16QAM (2660.0/2680.0 MHz) (2 X 20 MHz Channel BW)



Product Service

FCC ID:
VBNFZHN-01

Test Report No:
D547351042

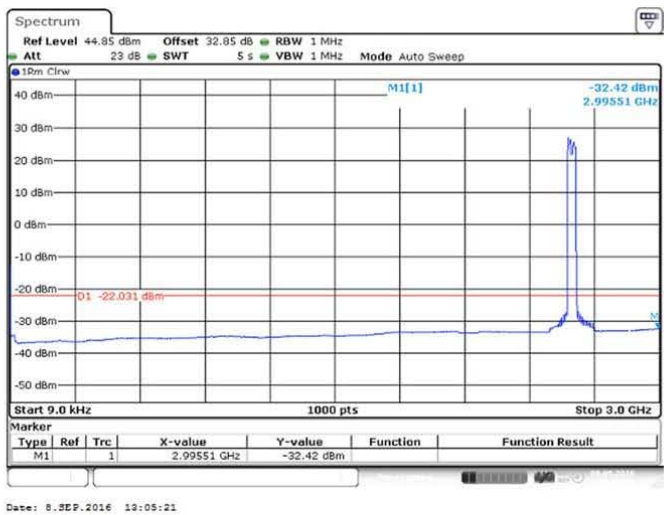


Figure 93 Spurious Emissions (9kHz – 3GHz) – 16QAM (2583.0/2603.0 MHz) (2 X 20 MHz Channel BW)

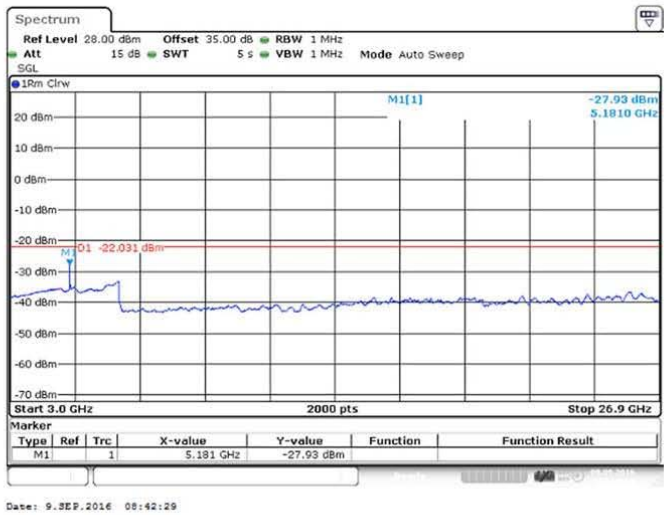


Figure 94 Spurious Emissions (3GHz – 26.900GHz) – 16QAM (2583.0/2603.0 MHz) (2 X 20 MHz Channel BW)



Product Service

FCC ID:
VBNFZHN-01

Test Report No:
D547351042

Configuration B Antenna 3:

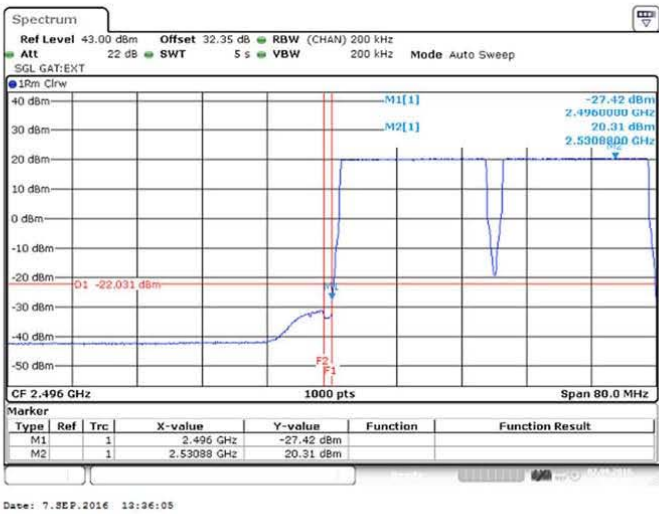


Figure 95 Spurious Emissions (Lower Band Edge) – QPSK (2506.0/2526.0 MHz) (2 X 20 MHz Channel BW)

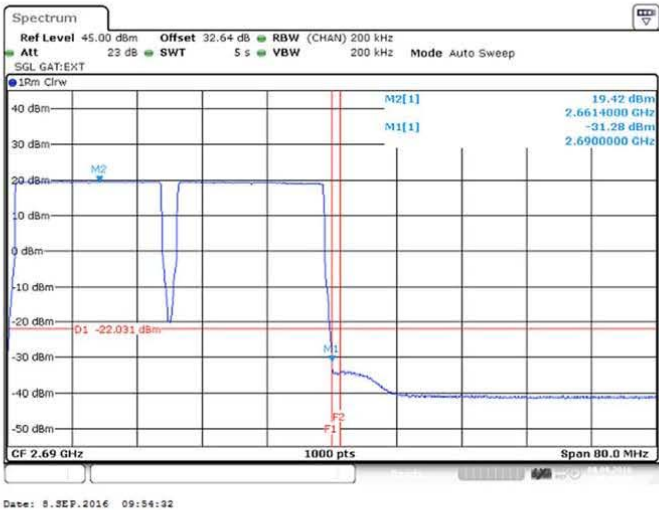


Figure 96 Spurious Emissions (Upper Band Edge) – QPSK (2660.0/2680.0 MHz) (2 X 20 MHz Channel BW)