



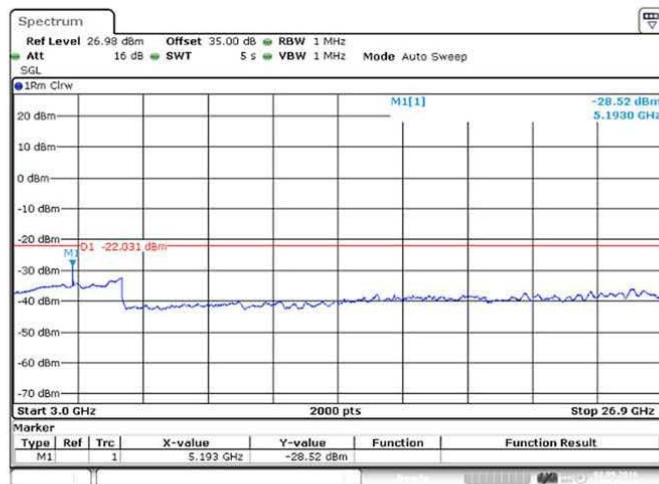
FCC ID:
VBNFZH-01

Test Report No:
D547351042



Date: 1.SEP.2016 19:48:28

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



Date: 2.SEP.2016 09:10:49

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



FCC ID:
VBNFZHN-01

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D547351042

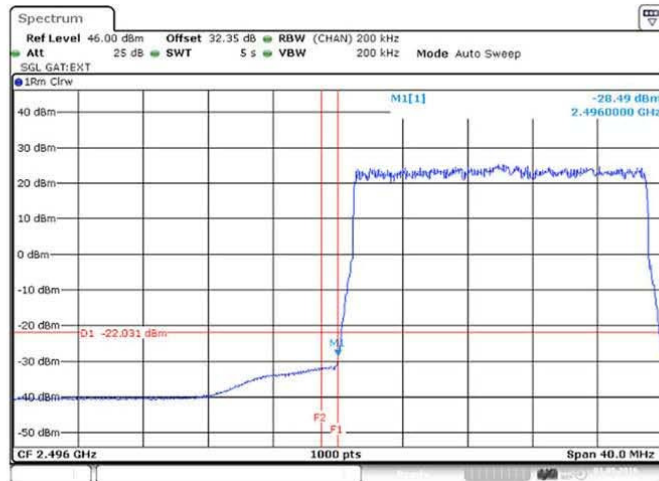


Figure 127 Spurious Emissions (Lower Band Edge) – 16QAM (2506.0 MHz) (20MHz Channel BW)

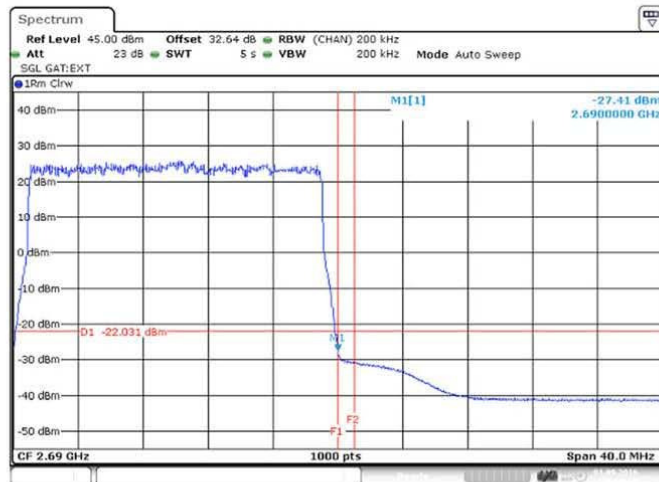


Figure 128 Spurious Emissions (Upper Band Edge) – 16QAM (2680.0 MHz) (20MHz Channel BW)



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FCC ID:
VBNFZH-01

Test Report No:
D547351042



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

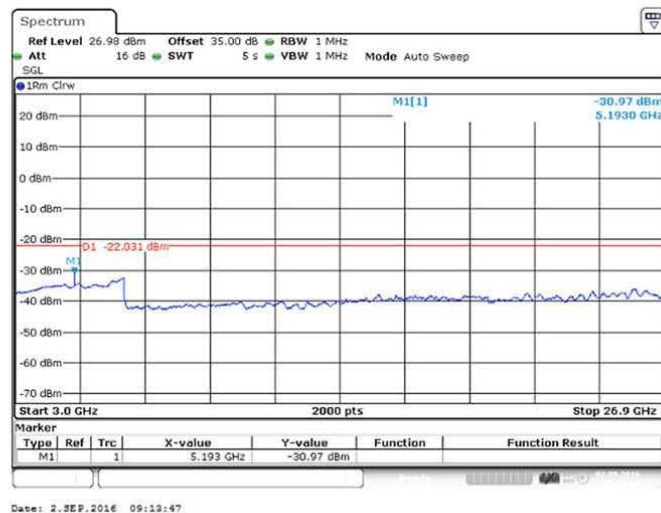


Figure 43 Spurious Emissions (3GHz – 26.900GHz) – 16QAM (2593.0 MHz) (20MHz Channel BW)



FCC ID:
VBNFZHN-01

Test Report No:
D547351042

Configuration A Antenna 5:

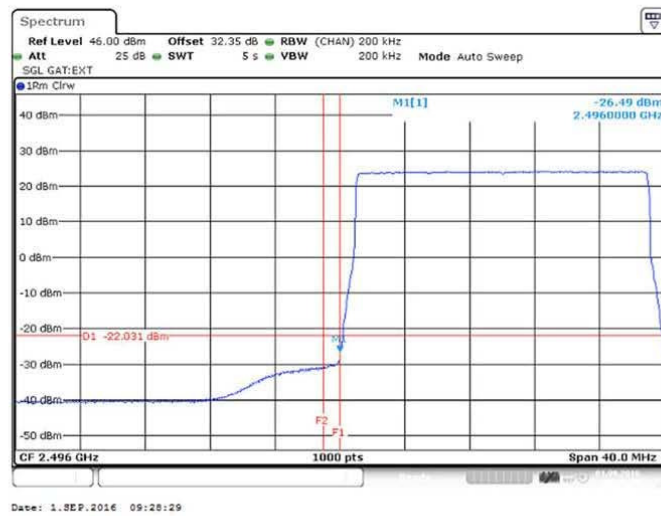


Figure 130 Spurious Emissions (Lower Band Edge) – QPSK (2506.0 MHz) (20MHz Channel BW)

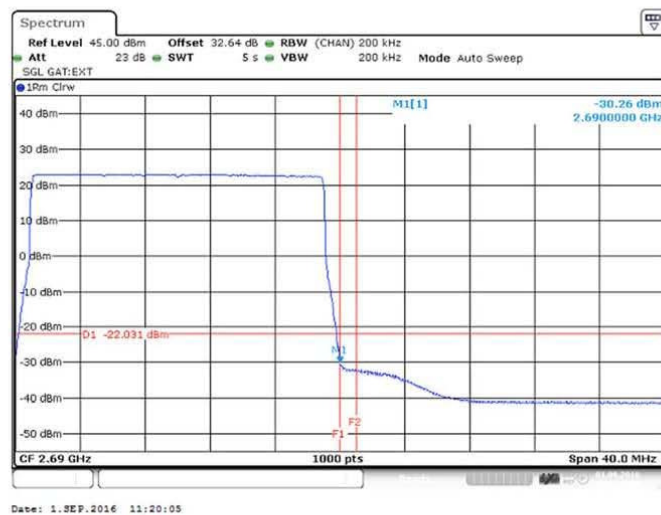


Figure 131 Spurious Emissions (Upper Band Edge) – QPSK (2680.0 MHz) (20MHz Channel BW)



Product Service

FCC ID:
VBNFZH-01

Test Report No:
D547351042



Date: 1.SEP.2016 19:57:15

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

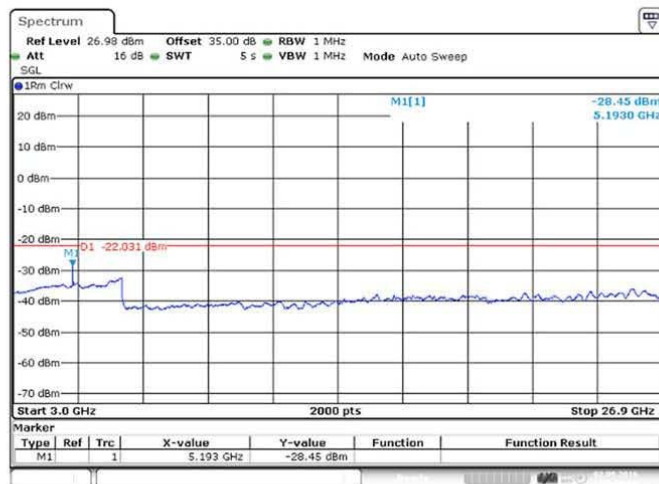


Figure 133 Spurious Emissions (3GHz – 26.900GHz) – QPSK (2593.0 MHz) (20MHz Channel BW)



FCC ID:
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Test Report No:
D547351042

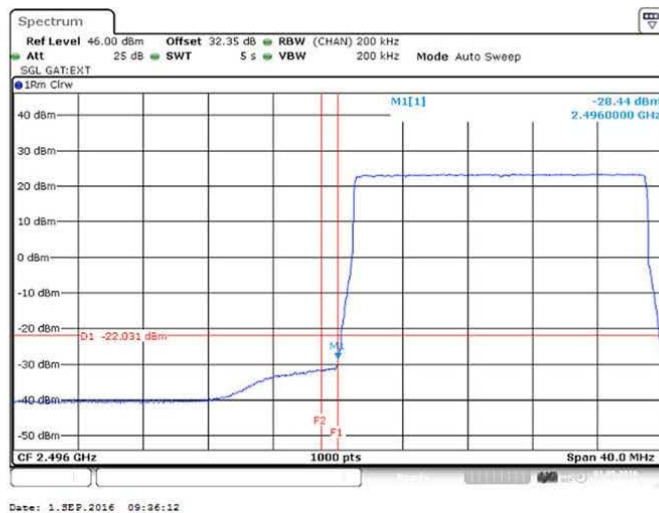


Figure 134 Spurious Emissions (Lower Band Edge) – 64QAM (2506.0 MHz) (20MHz Channel BW)

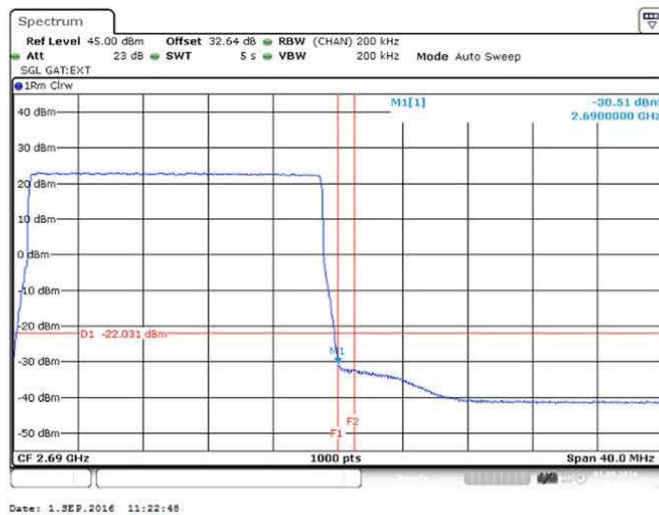
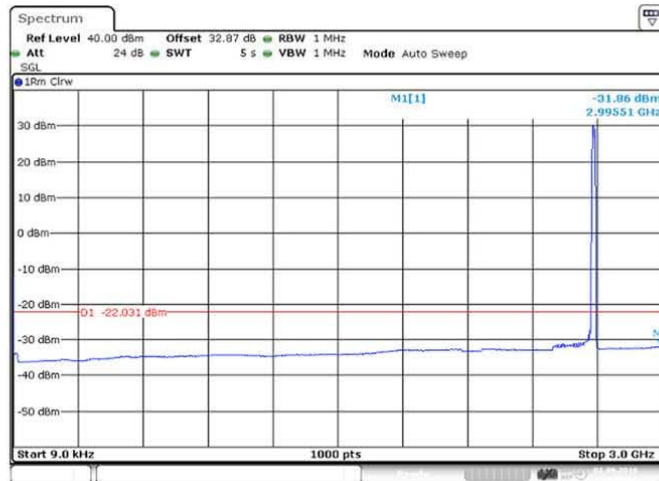


Figure 135 Spurious Emissions (Upper Band Edge) – 64QAM (2680.0 MHz) (20MHz Channel BW)



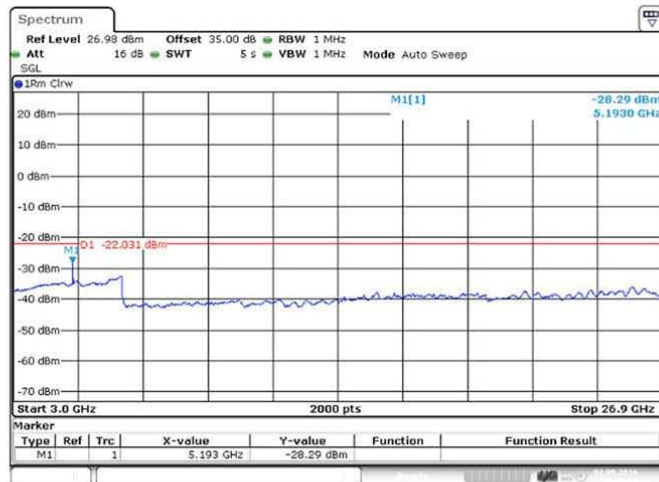
FCC ID:
VBNFZH-01

Test Report No:
D547351042



Date: 1.SEP.2016 14:00:57

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



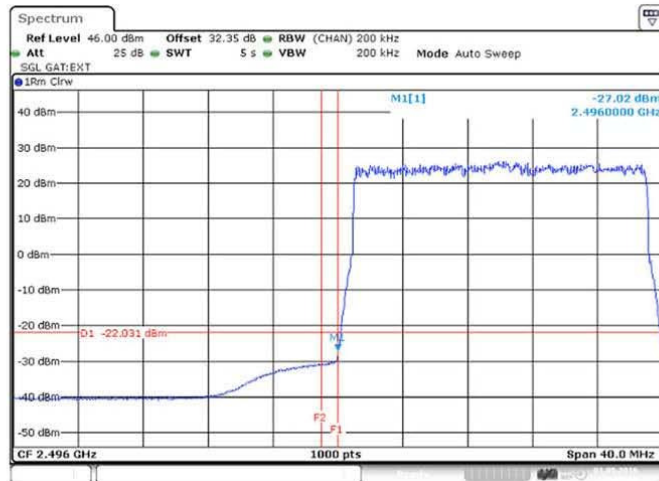
Date: 2.SEP.2016 09:48:20

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



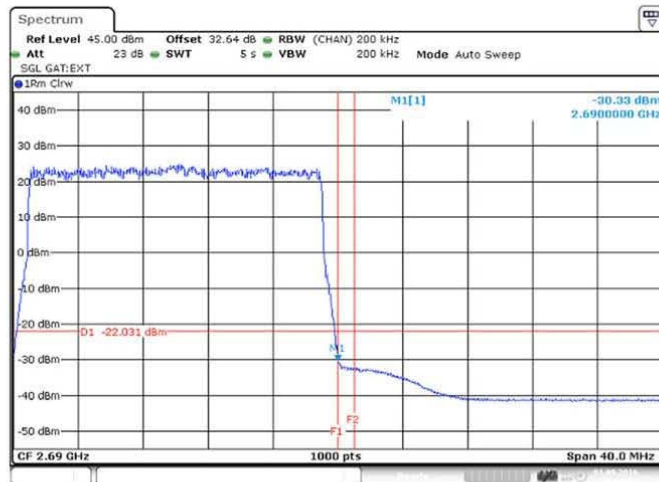
FCC ID:
VBNFZHN-01

Test Report No:
D547351042



Date: 1.SEP.2016 09:41:20

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



Date: 1.SEP.2016 11:24:54

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



Product Service

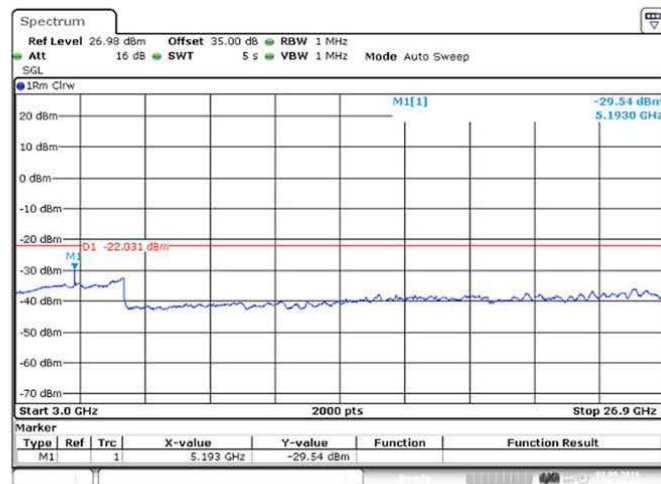
FCC ID:
VBNFZHN-01

Test Report No:
D547351042



Date: 1.SEP.2016 14:02:32

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



Date: 2.SEP.2016 09:52:55

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



FCC ID:
VBNFZHN-01

Test Report No:
D547351042

Configuration A Antenna 6:

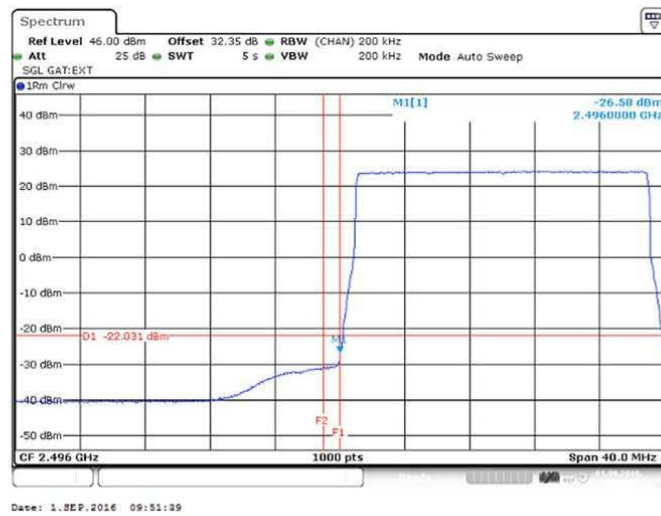


Figure 142 Spurious Emissions (Lower Band Edge) – QPSK (2506.0 MHz) (20MHz Channel BW)

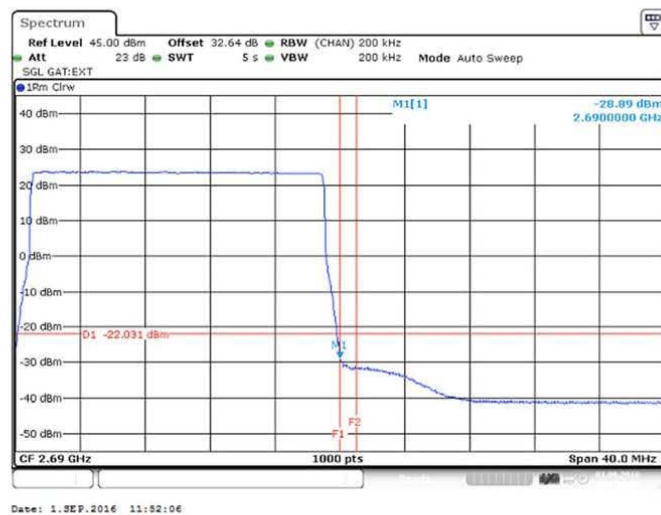


Figure 143 Spurious Emissions (Upper Band Edge) – QPSK (2680.0 MHz) (20MHz Channel BW)



Product Service

FCC ID:
VBNFZHN-01

Test Report No:
D547351042



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

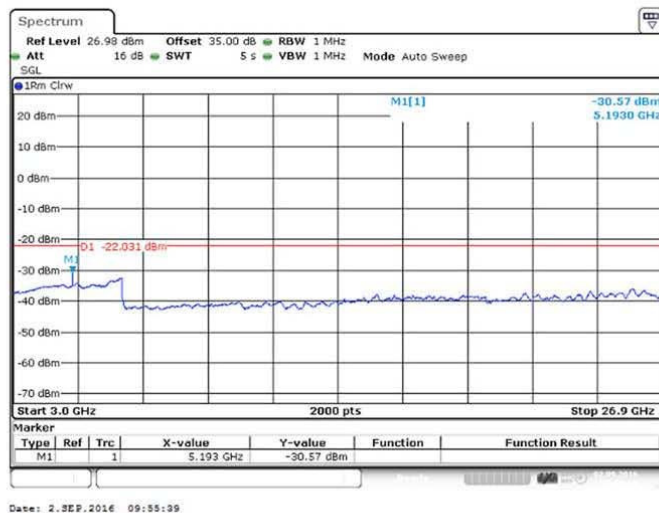


Figure 145 Spurious Emissions (3GHz – 26.900GHz) – QPSK (2593.0 MHz) (20MHz Channel BW)



FCC ID:
VBNFZHN-01

Test Report No:
D547351042

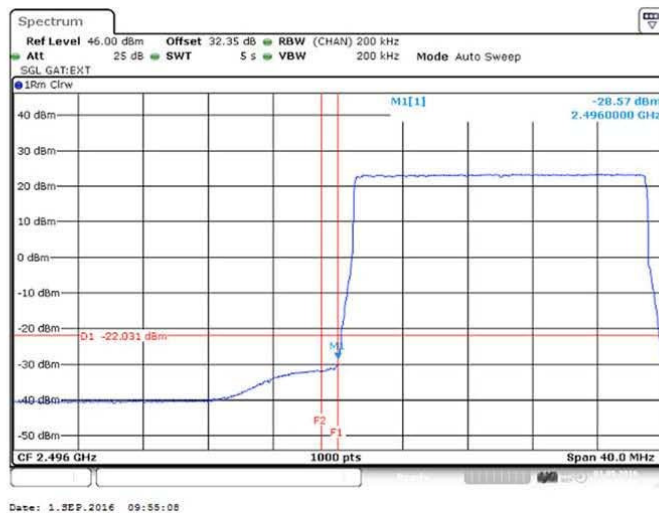


Figure 146 Spurious Emissions (Lower Band Edge)– 64QAM (2506.0 MHz) (20MHz Channel BW)

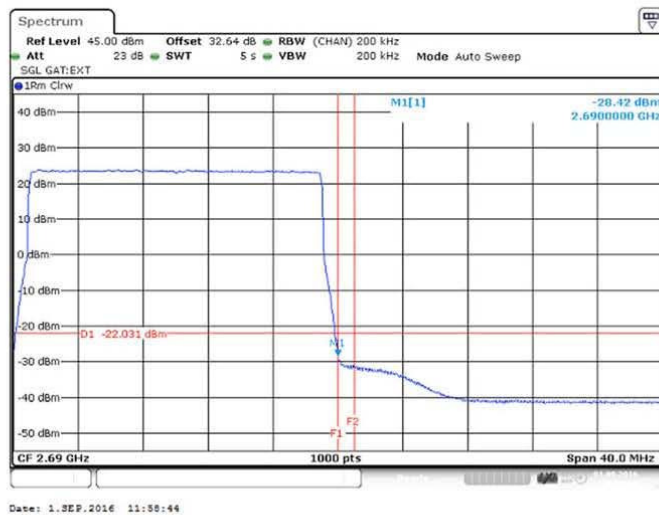


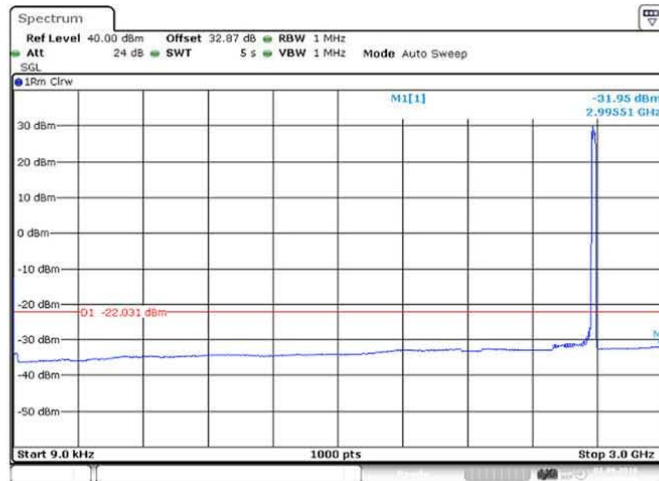
Figure 147 Spurious Emissions (Upper Band Edge) – 64QAM (2680.0 MHz) (20MHz Channel BW)



Product Service

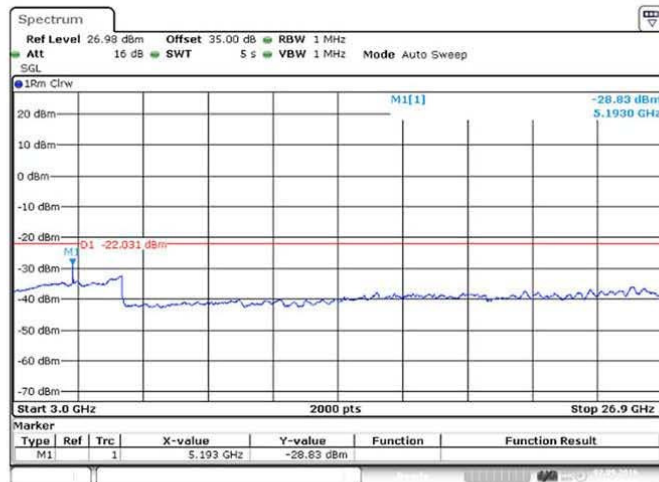
FCC ID:
VBNFZH-01

Test Report No:
D547351042



Date: 1.SEP.2016 14:08:26

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



Date: 2.SEP.2016 10:01:25

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



FCC ID:
VBNFZHN-01

Test Report No:
D547351042

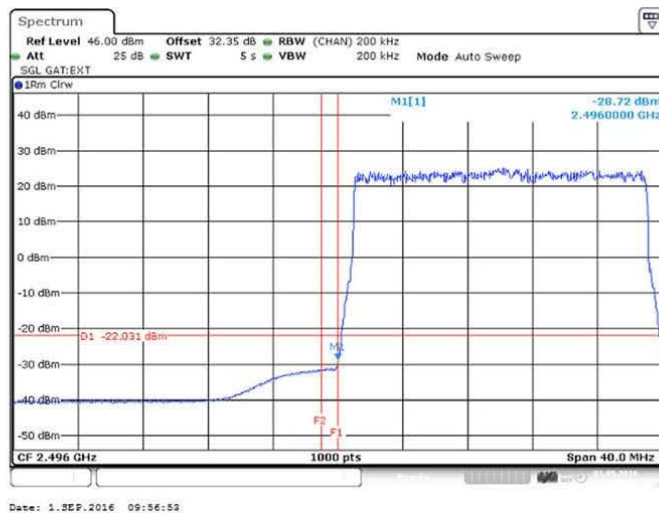


Figure 149 Spurious Emissions (Lower Band Edge) – 16QAM (2506.0 MHz) (20MHz Channel BW)

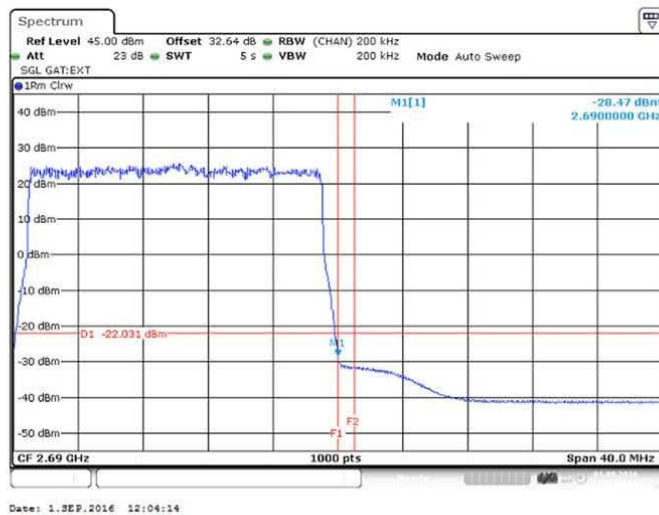


Figure 44 Spurious Emissions (Upper Band Edge) – 16QAM (2680.0 MHz) (20MHz Channel BW)



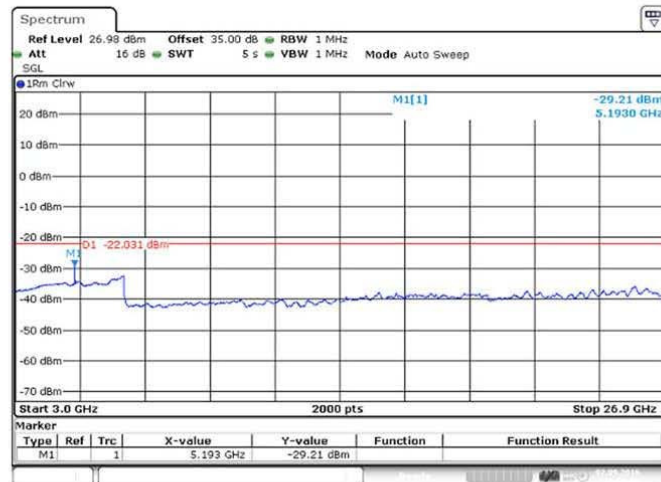
FCC ID:
VBNFZH-01

Test Report No:
D547351042



Date: 1.SEP.2016 14:18:01

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



Date: 2.SEP.2016 10:03:06

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:

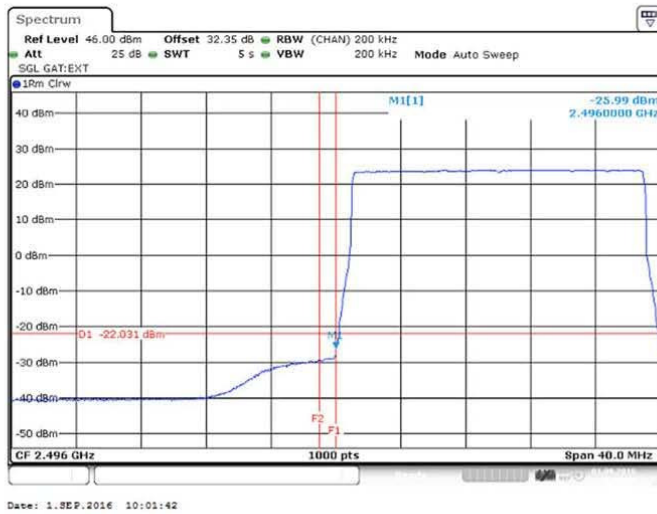


Figure 47 Spurious Emissions (Lower Band Edge) – QPSK (2506.0 MHz) (20MHz Channel BW)

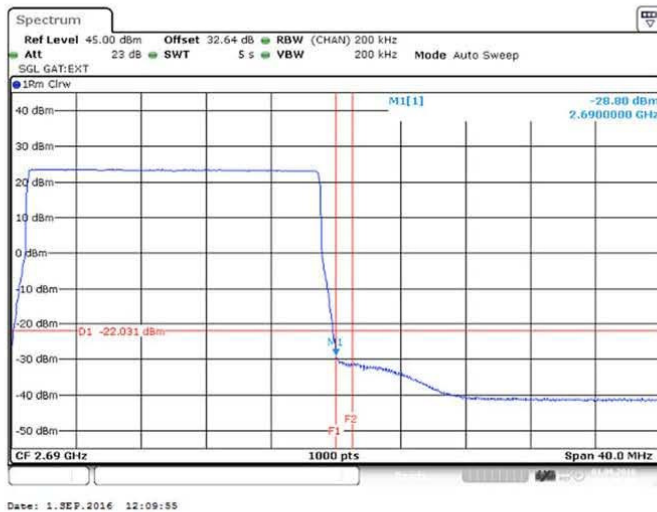
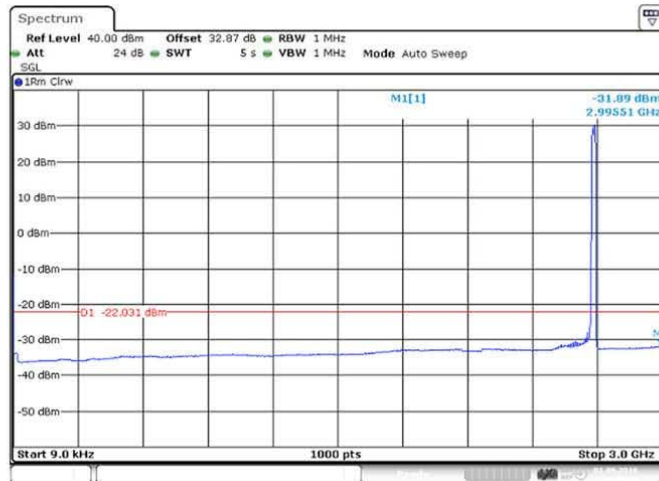


Figure 48 Spurious Emissions (Upper Band Edge) – QPSK (2680.0 MHz) (20MHz Channel BW)



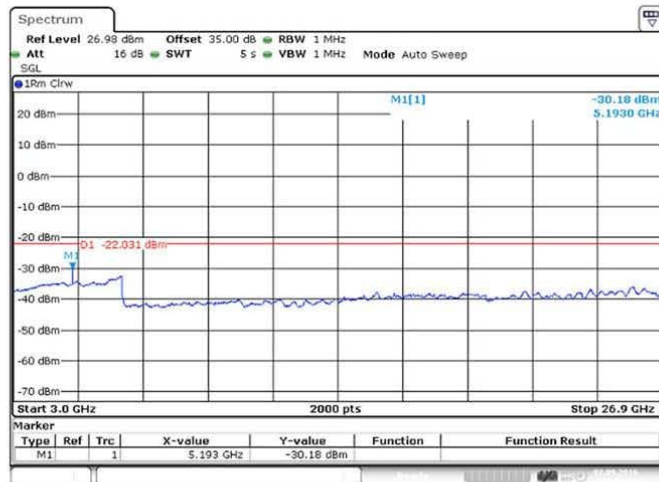
FCC ID:
VBNFZH-01

Test Report No:
D547351042



Date: 1.SEP.2016 14:18:18

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



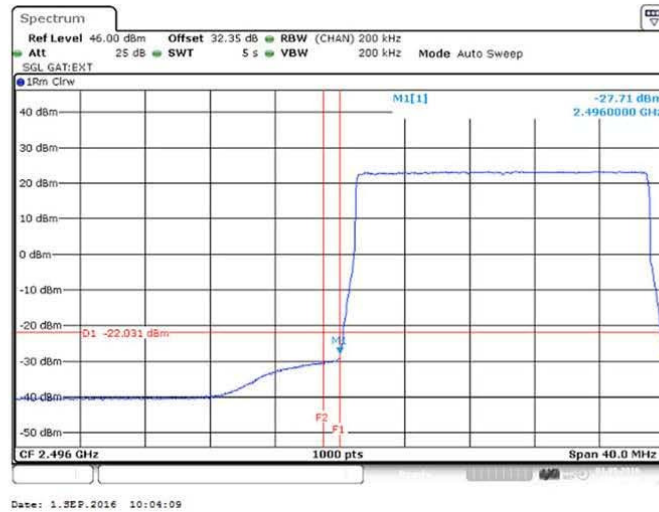
Date: 2.SEP.2016 10:06:52

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

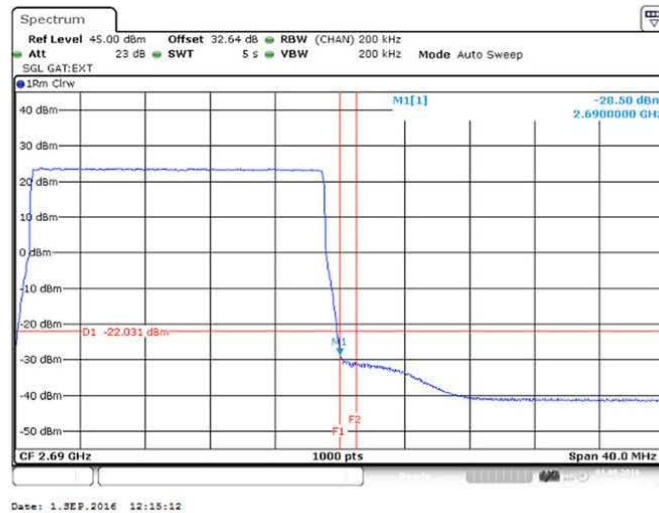


FCC ID:
VBNFZHN-01

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)**



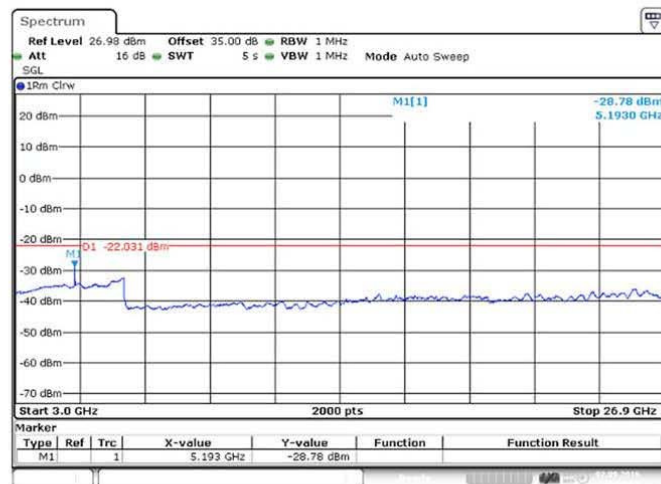
FCC ID:
VBNFZH-01

Test Report No:
D547351042



Date: 1.SEP.2016 14:21:07

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



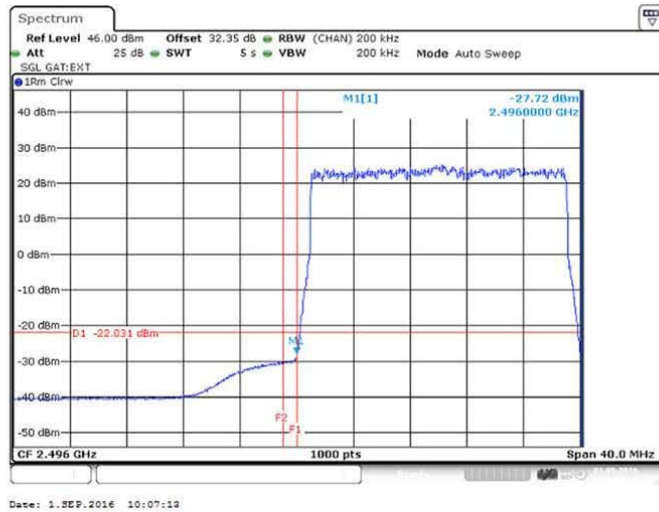
Date: 2.SEP.2016 10:11:21

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

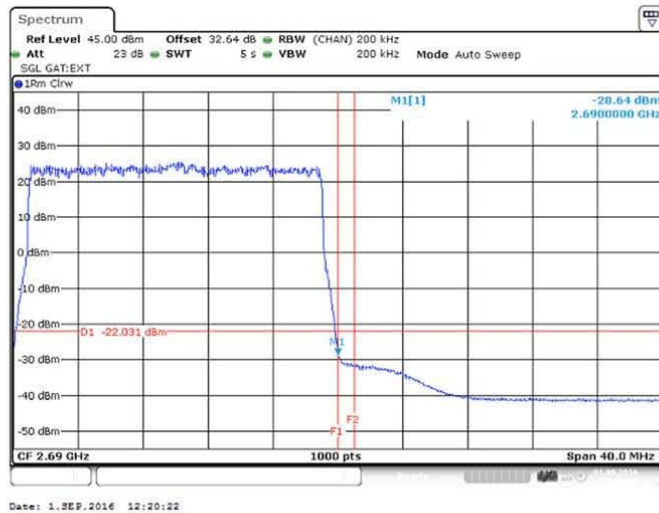


FCC ID:
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Test Report No:
D547351042



**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)**



FCC ID:
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D547351042



Date: 1.SEP.2016 14:20:19

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

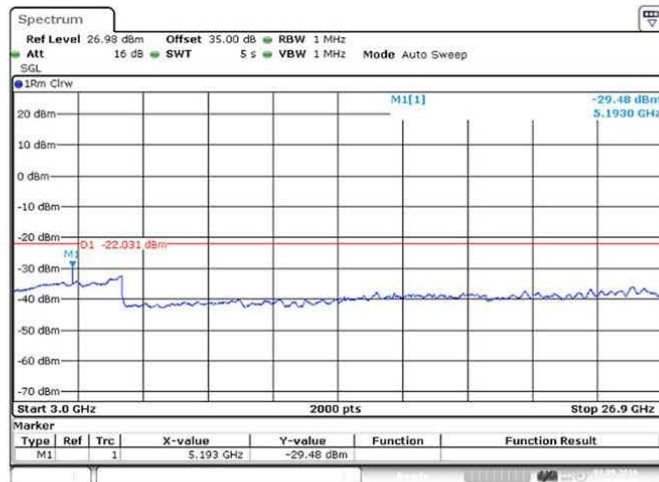


Figure 58 Spurious Emissions (3GHz – 26.900GHz) – 16QAM (2593.0 MHz) (20MHz Channel BW)



FCC ID:
VBNFZHN-01

Test Report No:
D547351042

Configuration A Antenna 8:

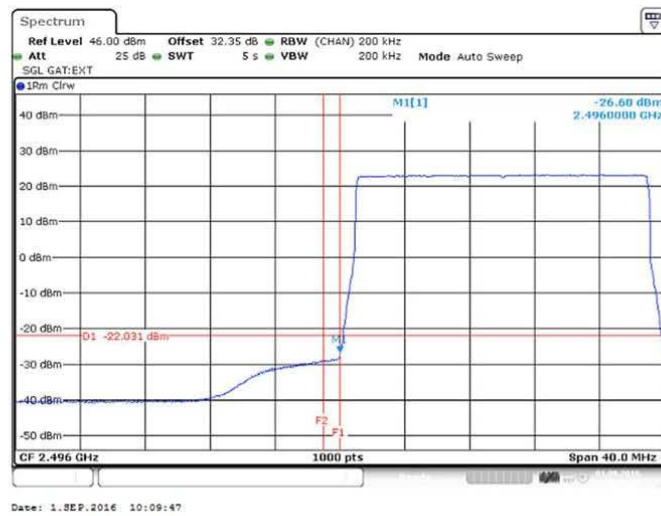


Figure 59 Spurious Emissions (Lower Band Edge) – QPSK (2506.0 MHz) (20MHz Channel BW)

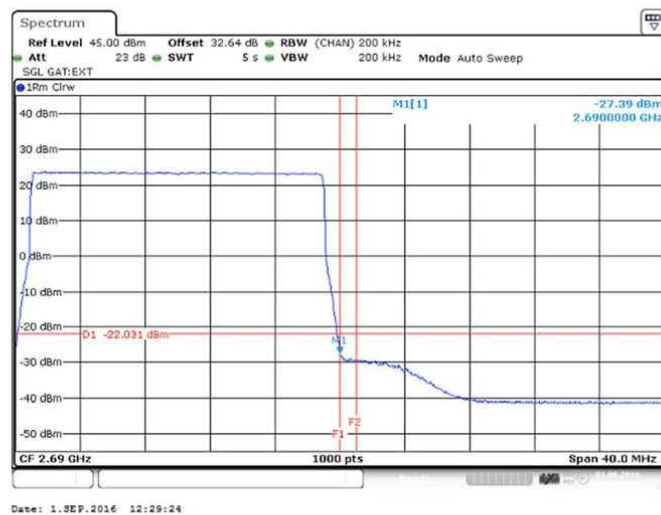
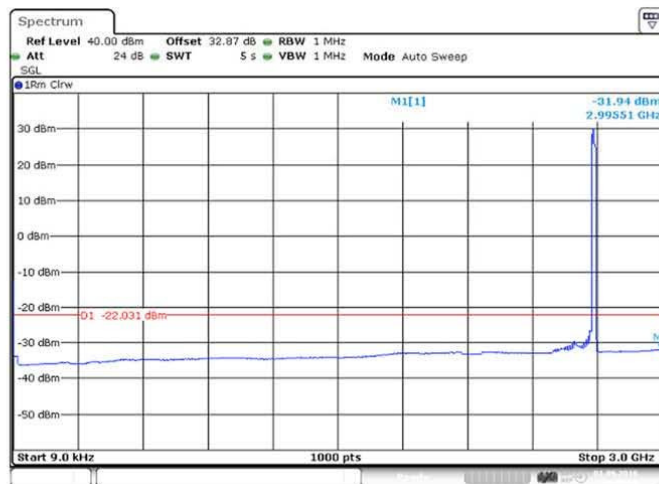


Figure 60 Spurious Emissions (Upper Band Edge) – QPSK (2680.0 MHz) (20MHz Channel BW)



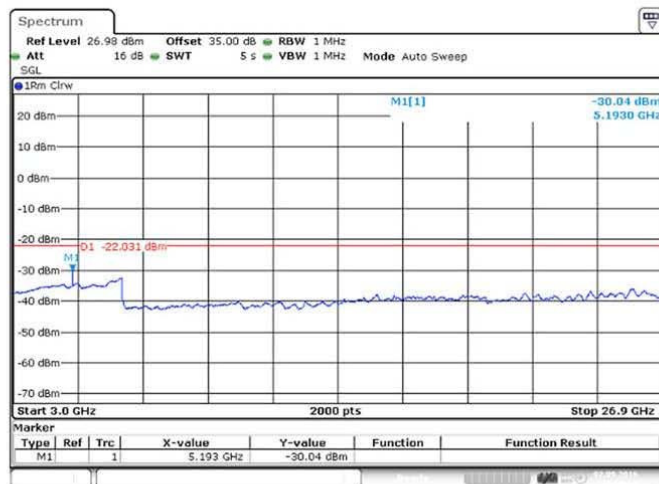
FCC ID:
VBNFZH-01

Test Report No:
D547351042



Date: 1.SEP.2016 14:26:58

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



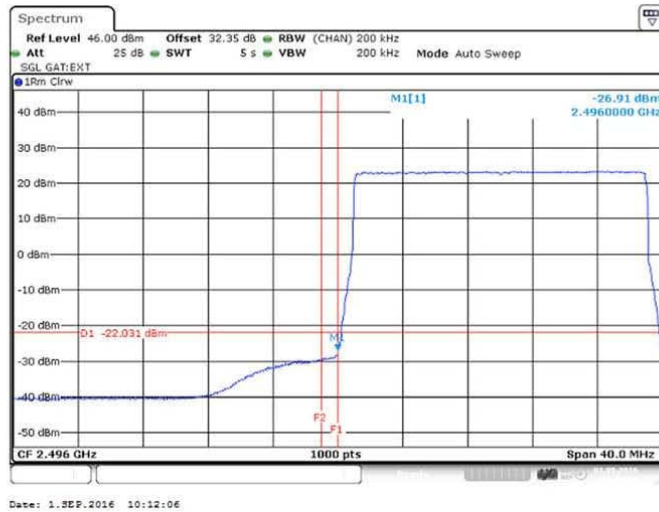
Date: 2.SEP.2016 10:19:24

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

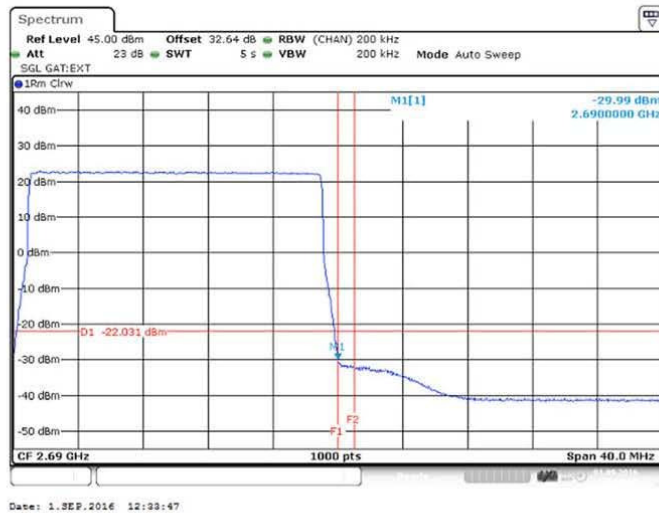


FCC ID:
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Test Report No:
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**Figure 63 Spurious Emissions (Lower Band Edge) – 64QAM (2506.0 MHz)
(20MHz Channel BW)**



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



FCC ID:
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Date: 1.SEP.2016 14:30:14

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

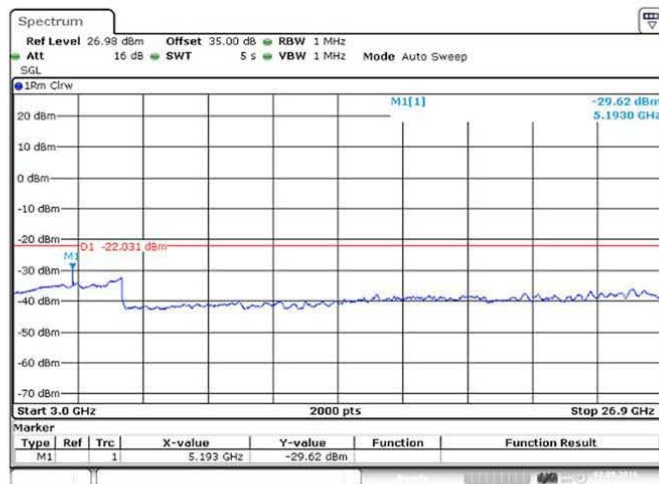
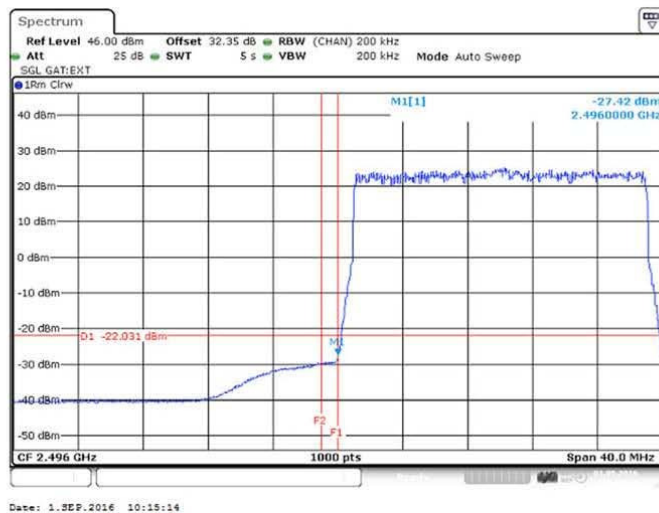


Figure 66 Spurious Emissions (3GHz – 26.900GHz) – 64QAM (2593.0 MHz) (20MHz Channel BW)

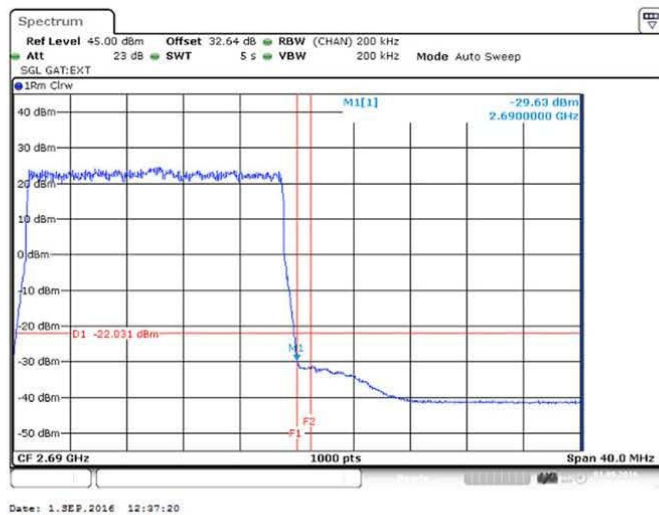


FCC ID:
VBNFZHN-01

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

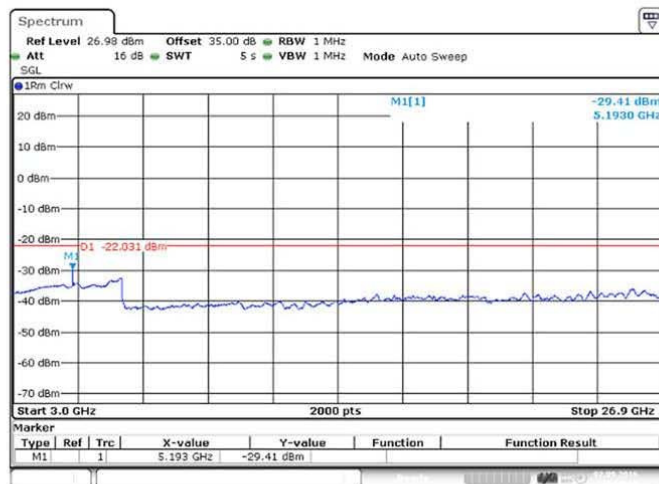
FCC ID:
VBNFZH-01

Test Report No:
D547351042



Date: 1.SEP.2016 14:35:09

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



Date: 2.SEP.2016 10:24:19

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



FCC ID:
VBNFZHN-01

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Configuration B Antenna 1:

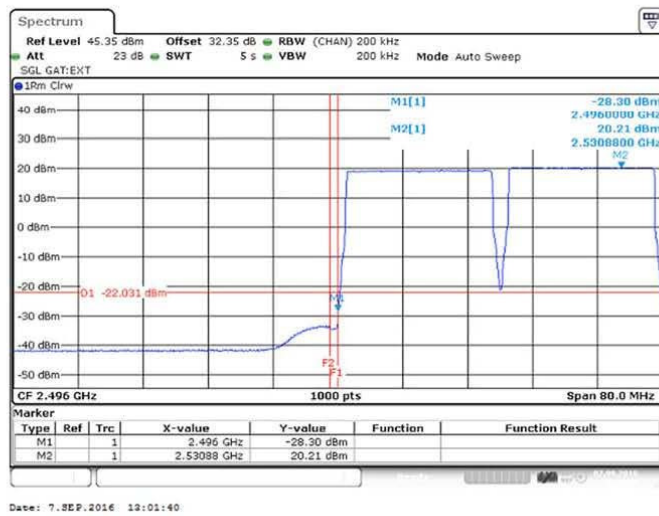


Figure 71 Spurious Emissions (Lower Band Edge) – QPSK (2506.0/2526.0 MHz) (2 X 20 MHz Channel BW)

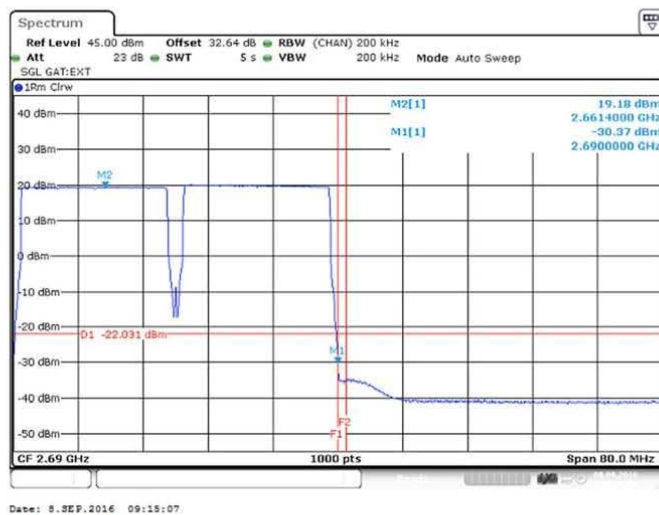


Figure 72 Spurious Emissions (Upper Band Edge) – QPSK (2660.0/2680.0 MHz) (2 X 20 MHz Channel BW)



Product Service

FCC ID:
VBNFZHN-01

Test Report No:
D547351042

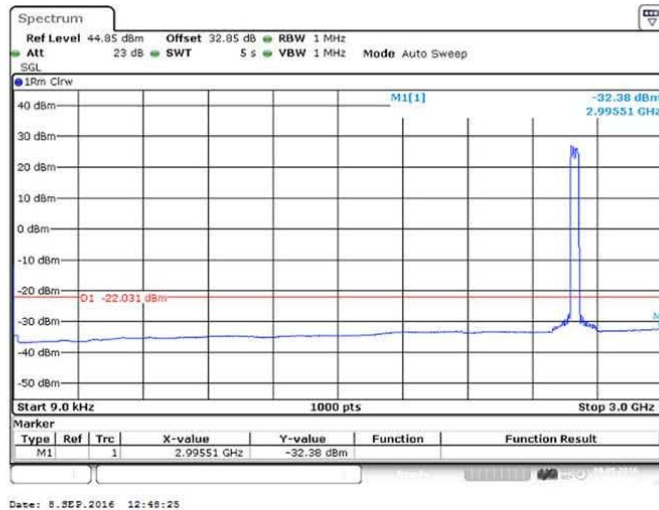


Figure 73 Spurious Emissions (9kHz – 3GHz) - QPSK (2583.0/2603.0 MHz) (2 X 20 MHz Channel BW)

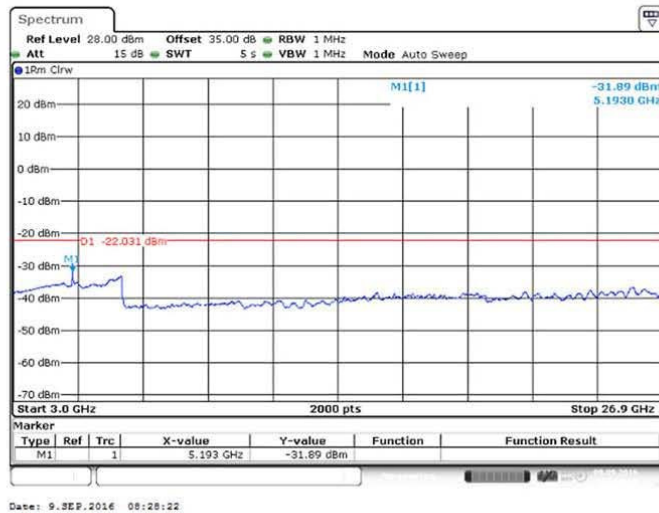


Figure 74 Spurious Emissions (3GHz – 26.900GHz) – QPSK (2583.0/2603.0 MHz) (2 X 20 MHz Channel BW)



Product Service

FCC ID:
VBNFZHN-01

Test Report No:
D547351042

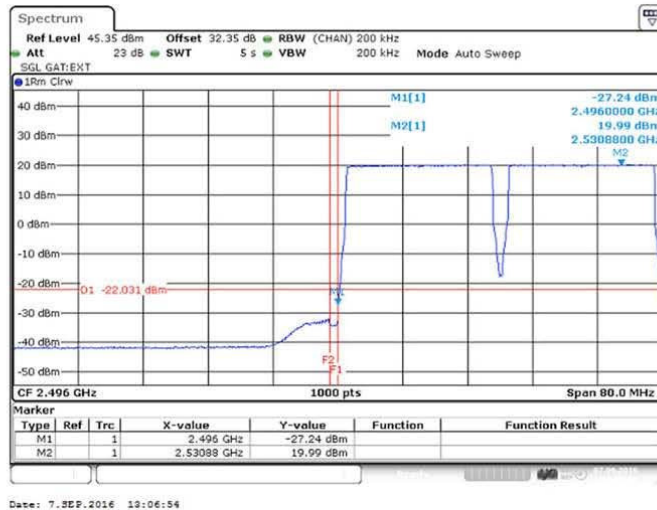


Figure 75 Spurious Emissions (Lower Band Edge) – 64QAM (2506.0/2526.0 MHz) (2 X 20 MHz Channel BW)

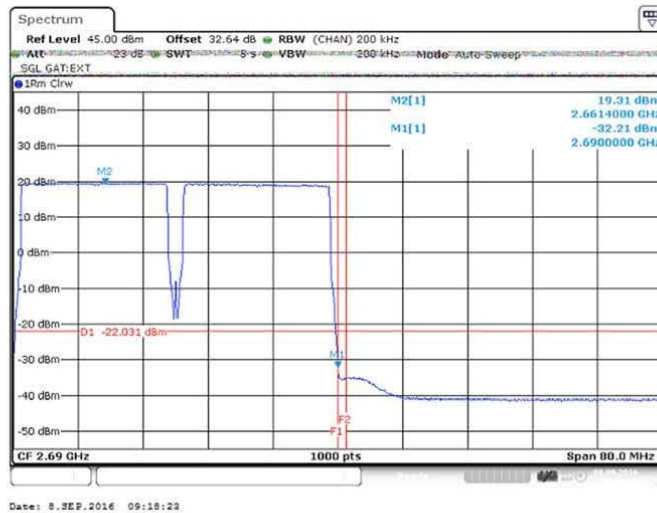


Figure 76 Spurious Emissions (Upper Band Edge) – 64QAM (2660.0/2680.0 MHz) (2 X 20 MHz Channel BW)



Product Service

FCC ID:
VBNFZHN-01

Test Report No:
D547351042

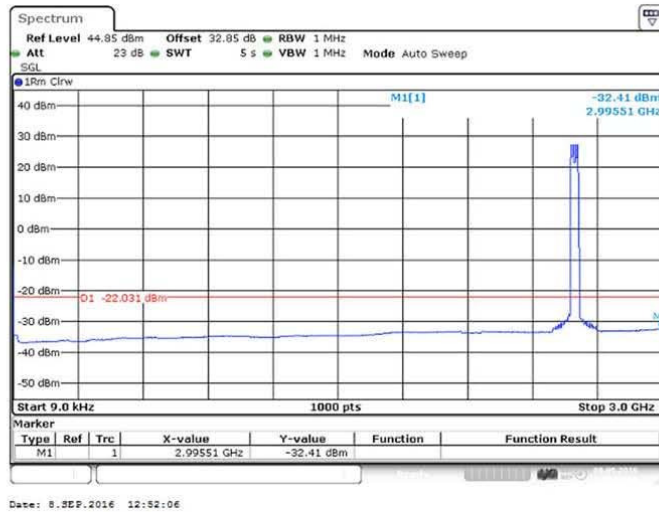


Figure 77 Spurious Emissions (9kHz – 3GHz) – 64QAM (2583.0/2603.0 MHz) (2 X 20 MHz Channel BW)

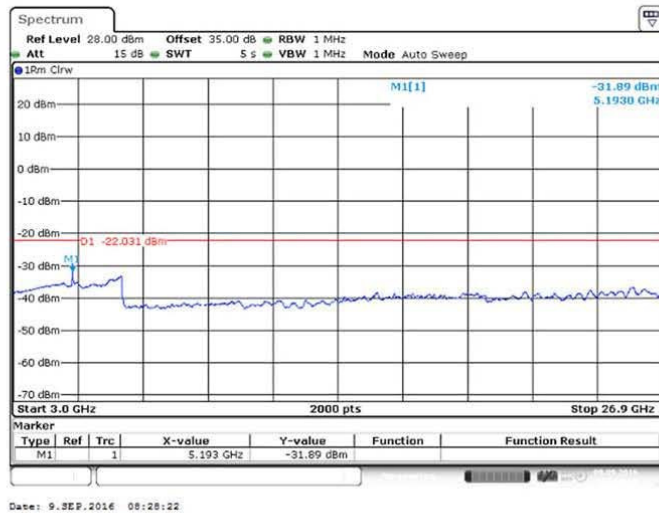


Figure 78 Spurious Emissions (3GHz – 26.900GHz) – 64QAM (2583.0/2603.0 MHz) (2 X 20 MHz Channel BW)



FCC ID:
VBNFZH-01

Test Report No:
D547351042

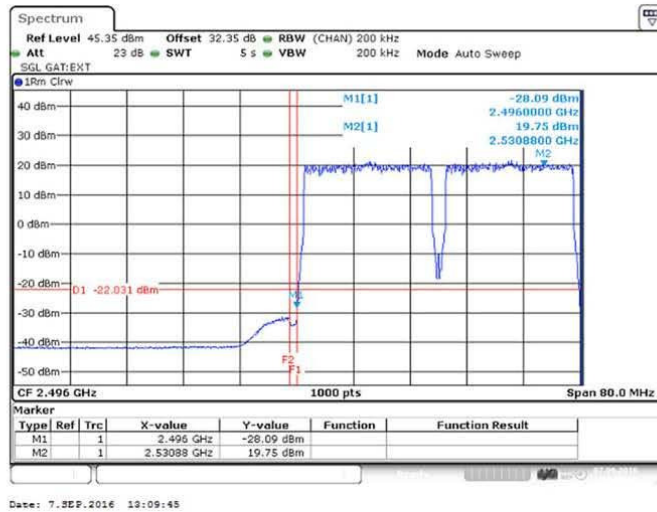


Figure 79 Spurious Emissions (Lower Band Edge) – 16QAM (2506.0/2526.0 MHz) (2 X 20 MHz Channel BW)

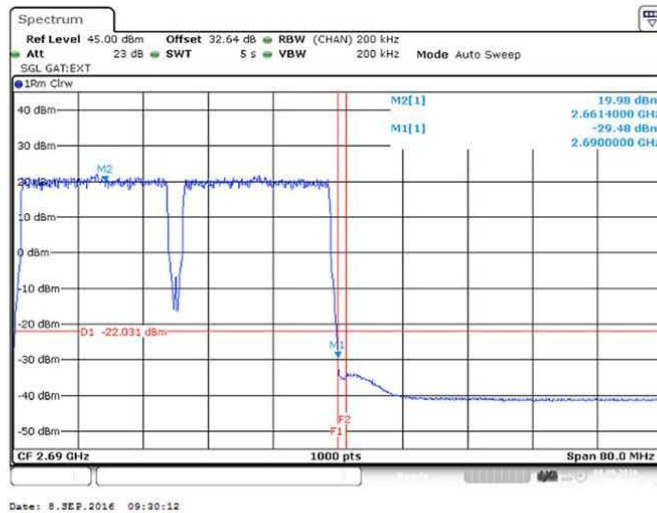


Figure 80 Spurious Emissions (Upper Band Edge) – 16QAM (2660.0/2680.0 MHz) (2 X 20 MHz Channel BW)



FCC ID:
VBNFZHN-01

Test Report No:
D547351042

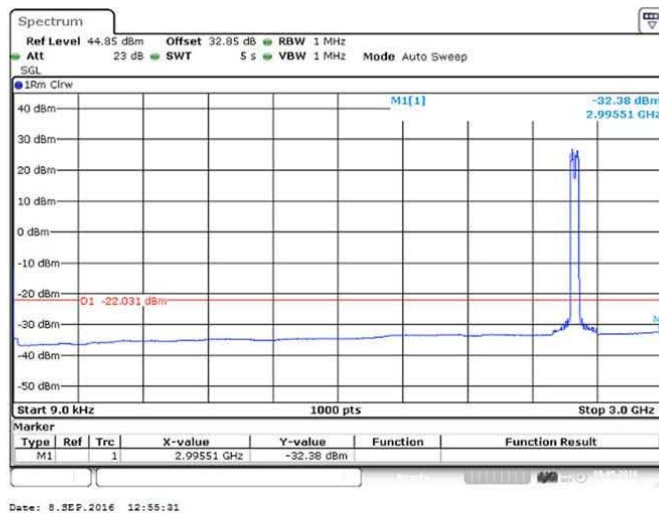


Figure 81 Spurious Emissions (9kHz – 3GHz) – 16QAM (2583.0/2603.0 MHz) (2 X 20 MHz Channel BW)

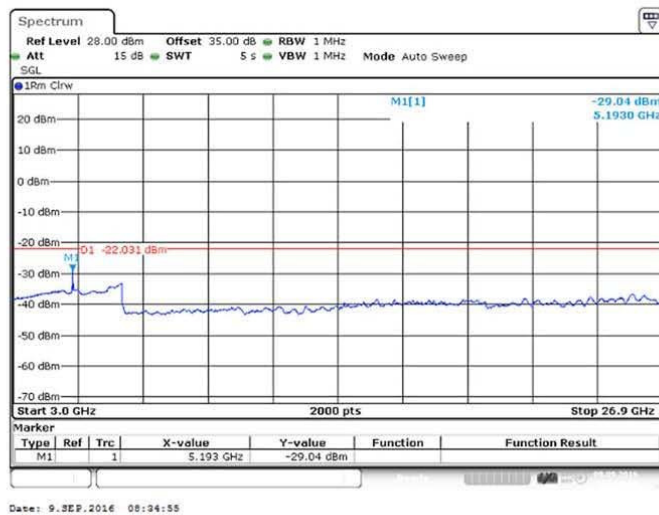


Figure 82 Spurious Emissions (3GHz – 26.900GHz) – 16QAM (2583.0/2603.0 MHz) (2 X 20 MHz Channel BW)



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Configuration B Antenna 2:

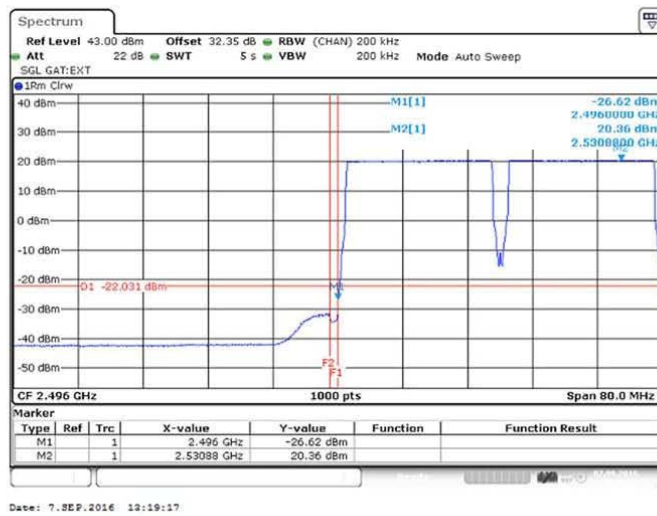


Figure 83 Spurious Emissions (Lower Band Edge) – QPSK (2506.0/2526.0 MHz) (2 X 20 MHz Channel BW)

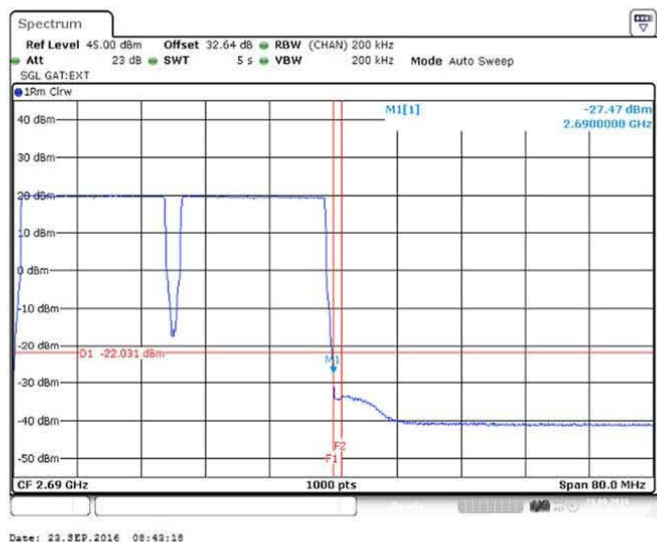


Figure 84 Spurious Emissions (Upper Band Edge) – QPSK (2660.0/2680.0 MHz) (2 X 20 MHz Channel BW)



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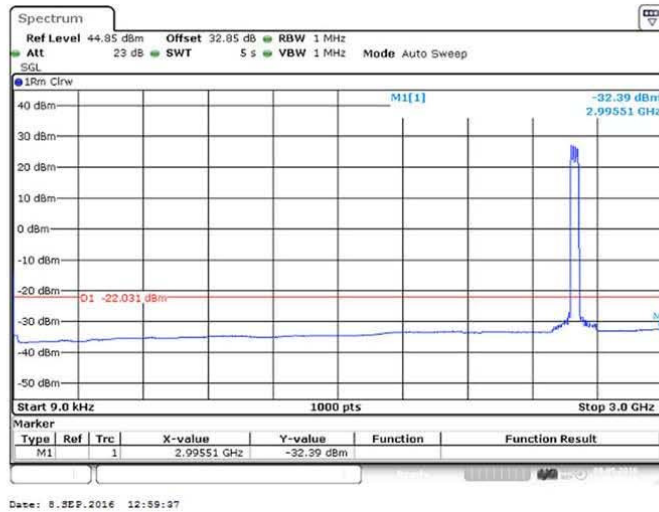


Figure 85 Spurious Emissions (9kHz – 3GHz) - QPSK (2583.0/2603.0 MHz) (2 X 20 MHz Channel BW)

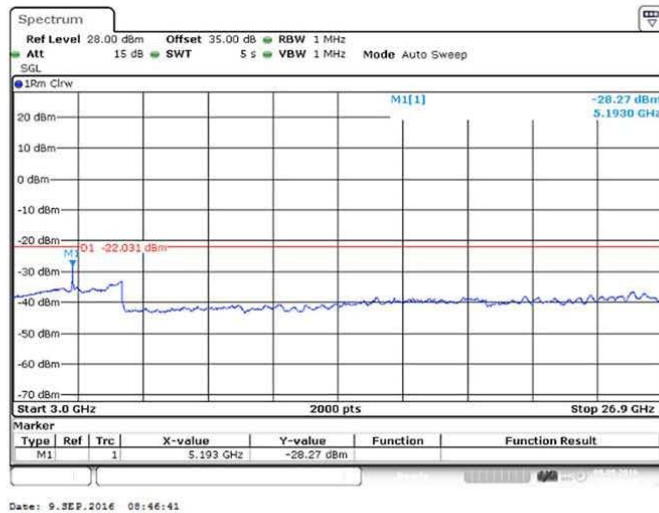


Figure 86 Spurious Emissions (3GHz – 26.900GHz) – QPSK (2583.0/2603.0 MHz) (2 X 20 MHz Channel BW)



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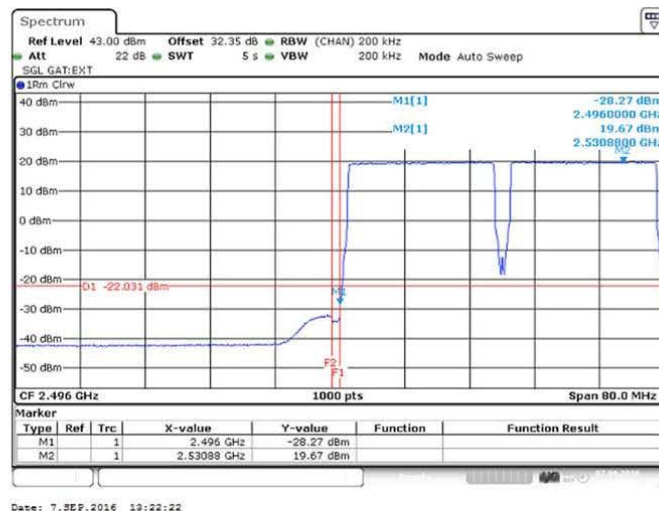


Figure 87 Spurious Emissions (Lower Band Edge) – 64QAM (2506.0/2526.0 MHz) (2 X 20 MHz Channel BW)

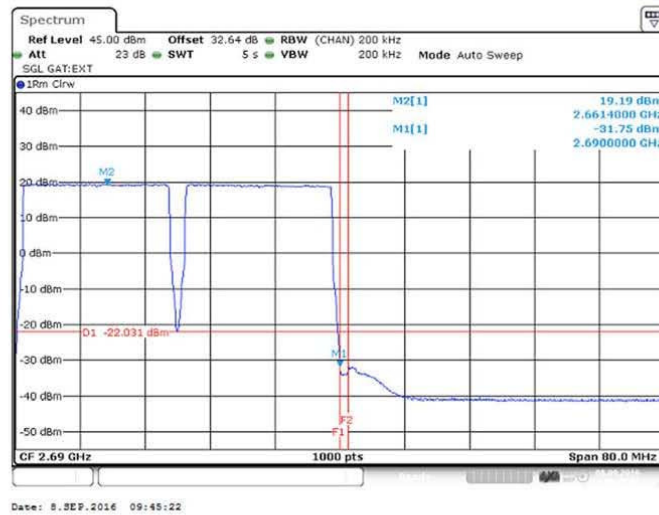


Figure 88 Spurious Emissions (Upper Band Edge) – 64QAM (2660.0/2680.0 MHz) (2 X 20 MHz Channel BW)



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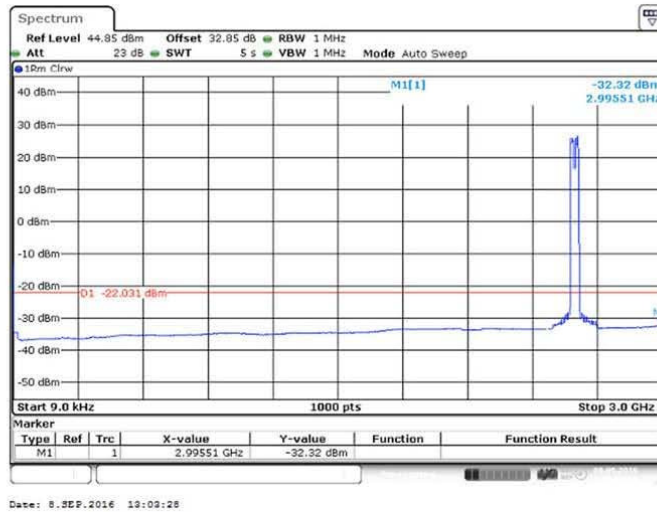


Figure 89 Spurious Emissions (9kHz – 3GHz) – 64QAM (2583.0/2603.0 MHz) (2 X 20 MHz Channel BW)

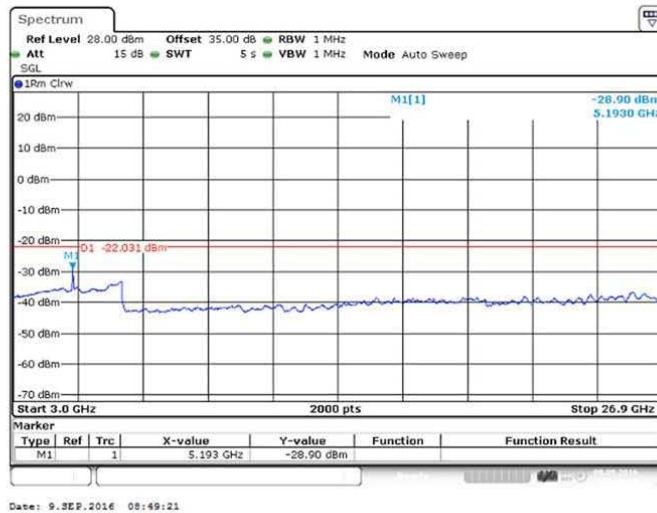


Figure 90 Spurious Emissions (3GHz – 26.900GHz) – 64QAM (2583.0/2603.0 MHz) (2 X 20 MHz Channel BW)



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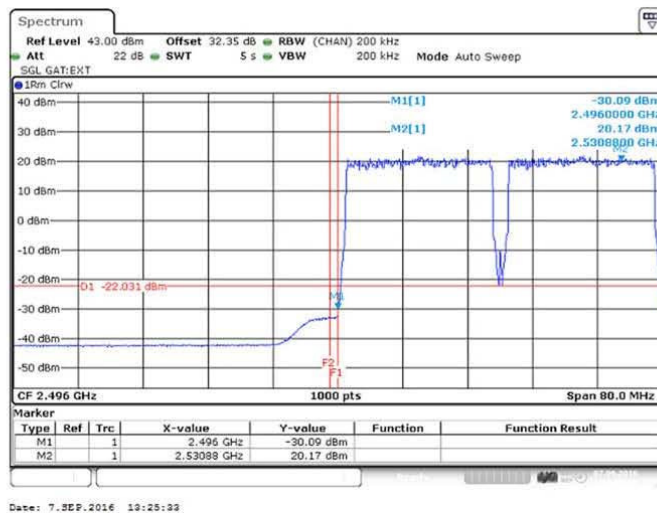


Figure 91 Spurious Emissions (Lower Band Edge) – 16QAM (2506.0/2526.0 MHz) (2 X 20 MHz Channel BW)

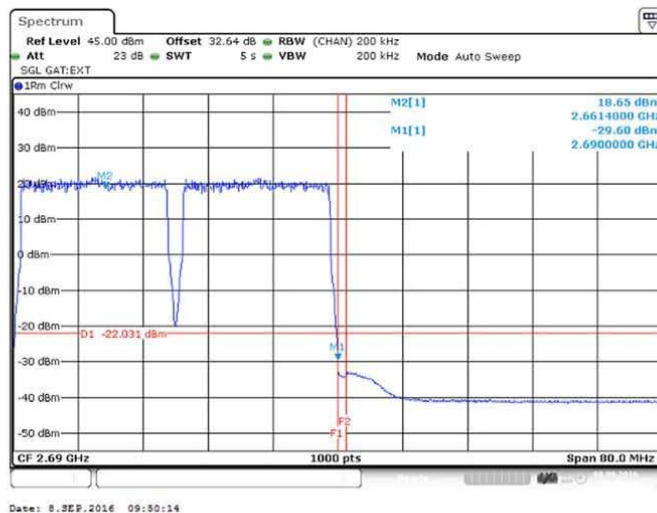


Figure 92 Spurious Emissions (Upper Band Edge) – 16QAM (2660.0/2680.0 MHz) (2 X 20 MHz Channel BW)



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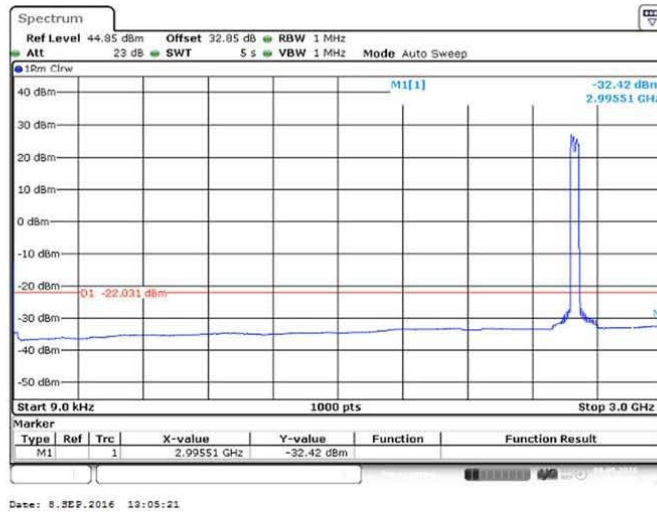


Figure 93 Spurious Emissions (9kHz – 3GHz) – 16QAM (2583.0/2603.0 MHz) (2 X 20 MHz Channel BW)

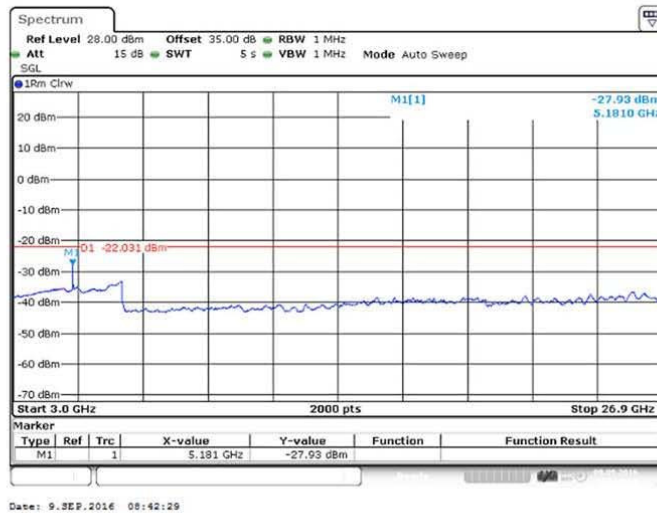


Figure 94 Spurious Emissions (3GHz – 26.900GHz) – 16QAM (2583.0/2603.0 MHz) (2 X 20 MHz Channel BW)



Product Service

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Configuration B Antenna 3:

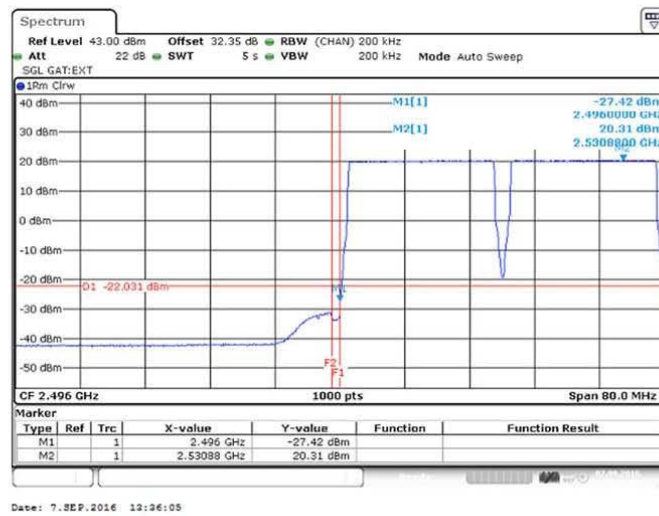


Figure 95 Spurious Emissions (Lower Band Edge) – QPSK (2506.0/2526.0 MHz) (2 X 20 MHz Channel BW)

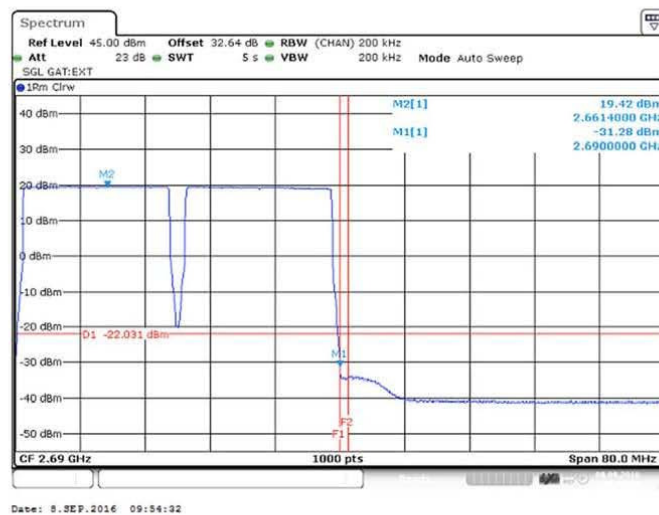


Figure 96 Spurious Emissions (Upper Band Edge) – QPSK (2660.0/2680.0 MHz) (2 X 20 MHz Channel BW)