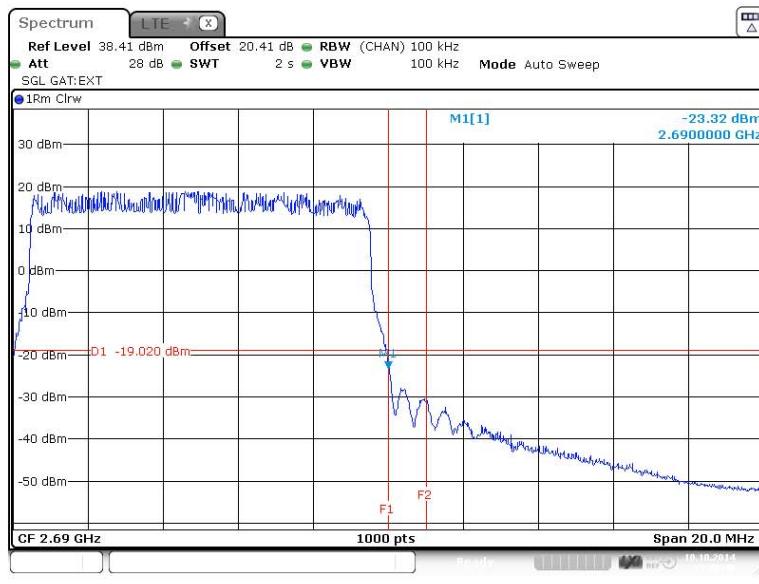




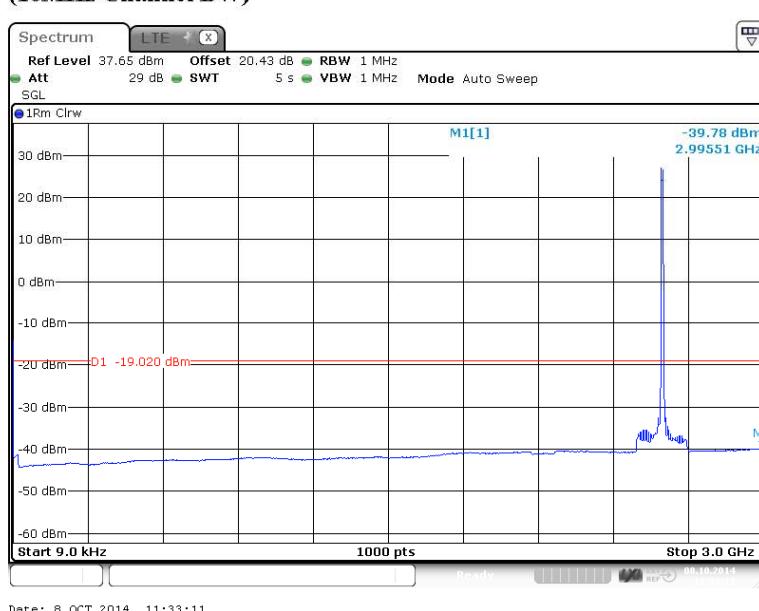
Product Service

FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124



**Figure 64 Spurious Emissions (Upper Band Edge) – 16QAM (2685.0 MHz) (10MHz Channel BW)**



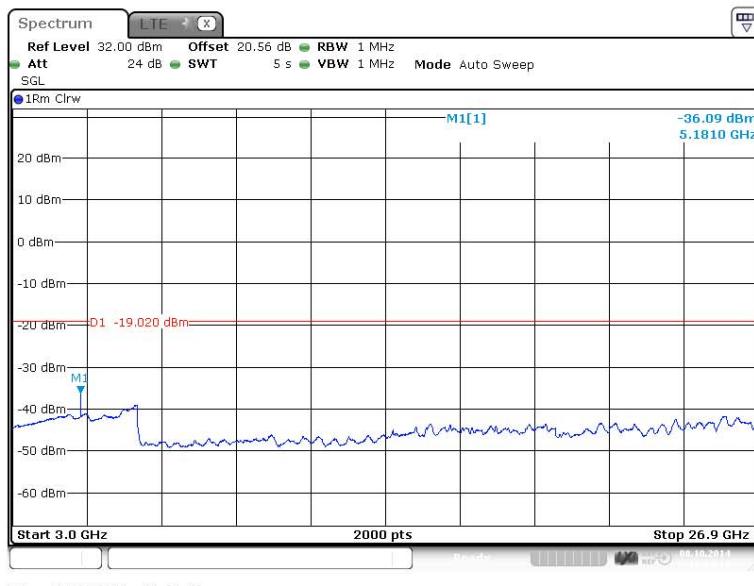
**Figure 65 Spurious Emissions (9kHz – 3GHz) – 16QAM (2593.0 MHz) (10MHz Channel BW)**



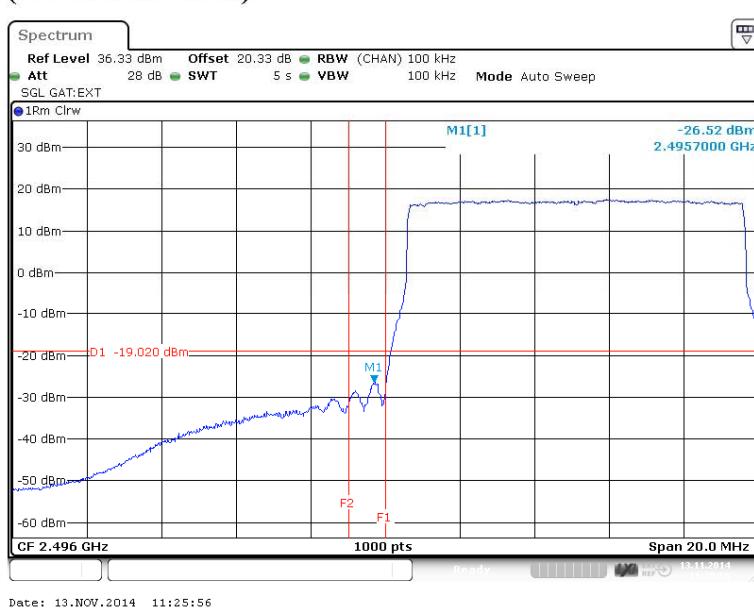
Product Service

FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124



**Figure 66 Spurious Emissions (3GHz – 26.900GHz) – 16QAM (2593.0 MHz) (10MHz Channel BW)**



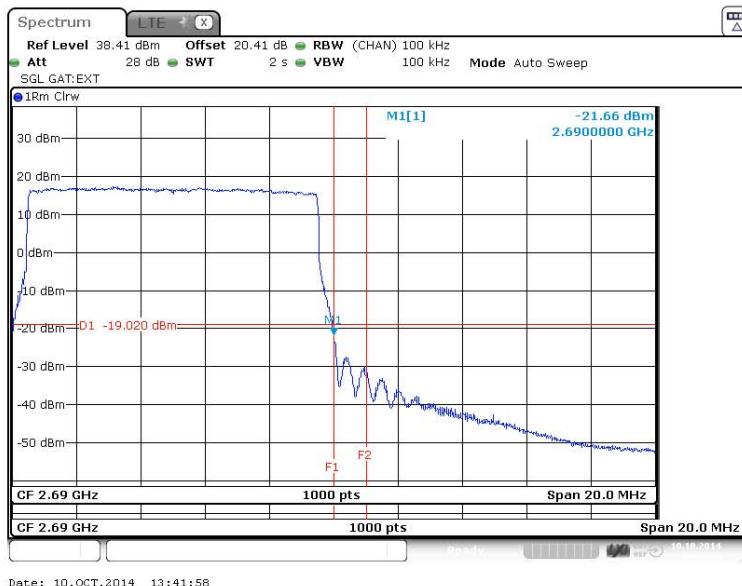
**Figure 67 Spurious Emissions (Lower Band Edge) – 64QAM (2501.1 MHz) (10MHz Channel BW)**



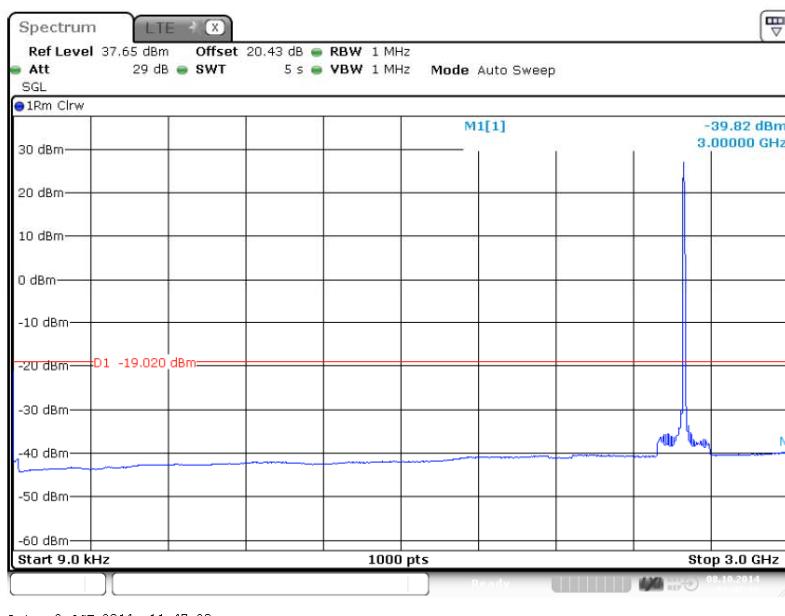
Product Service

FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124



**Figure 68 Spurious Emissions (Upper Band Edge) – 64QAM (2685.0 MHz) (10MHz Channel BW)**



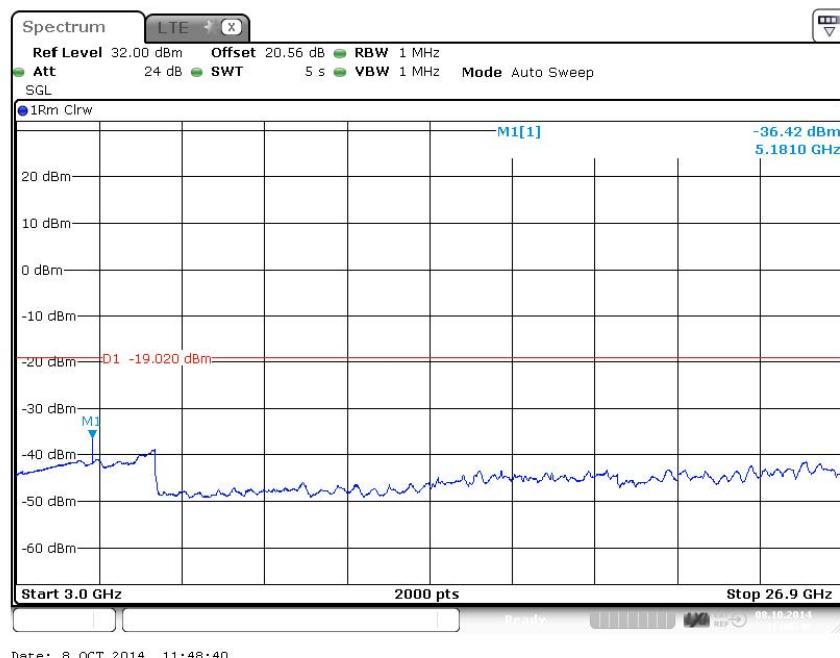
**Figure 69 Spurious Emissions (9kHz – 3GHz) – 64QAM (2593.0 MHz) (10MHz Channel BW)**



Product Service

FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124



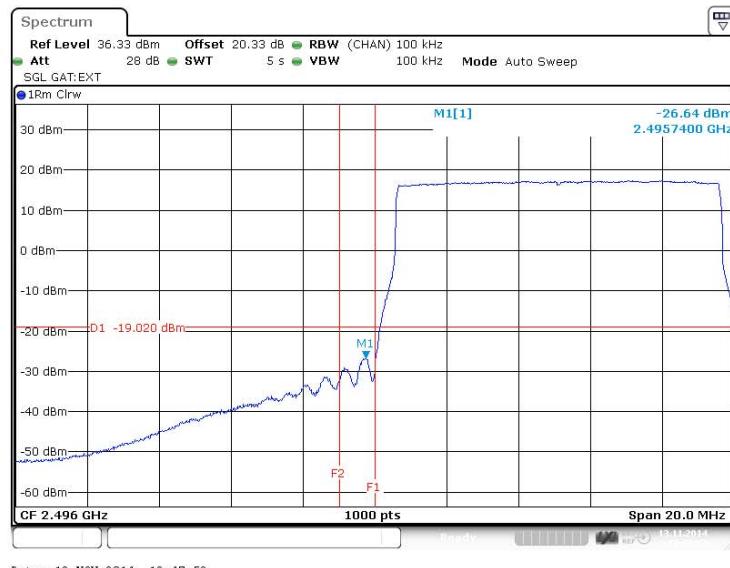
**Figure 70 Spurious Emissions (3GHz – 26.900GHz) – 64QAM (2593.0 MHz)  
(10MHz Channel BW)**



Product Service

FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124

**Config A ANT2/Main:**

Date: 13.NOV.2014 13:47:52

**Figure 71 Spurious Emissions (Lower Band Edge) – QPSK (2501.1 MHz)  
(10MHz Channel BW)**



Date: 10.OCT.2014 11:59:45

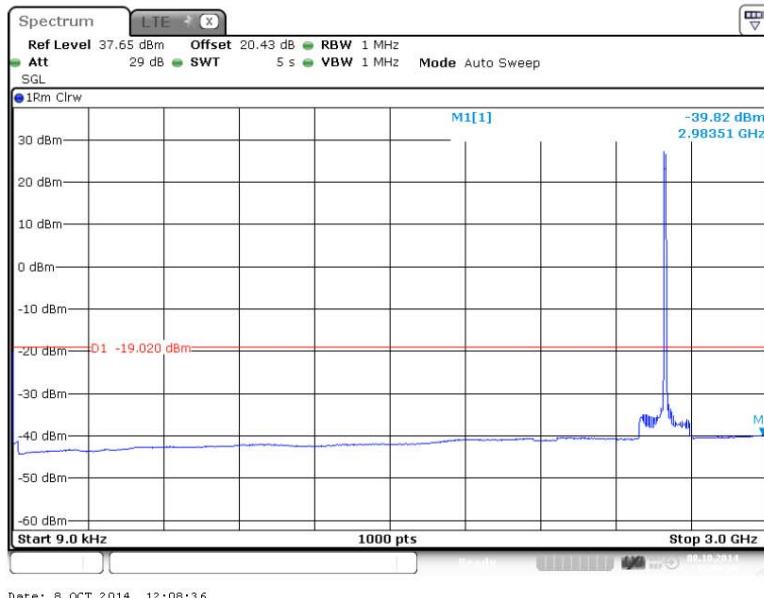
**Figure 72 Spurious Emissions (Upper Band Edge) – QPSK (2685.0 MHz)  
(10MHz Channel BW)**



Product Service

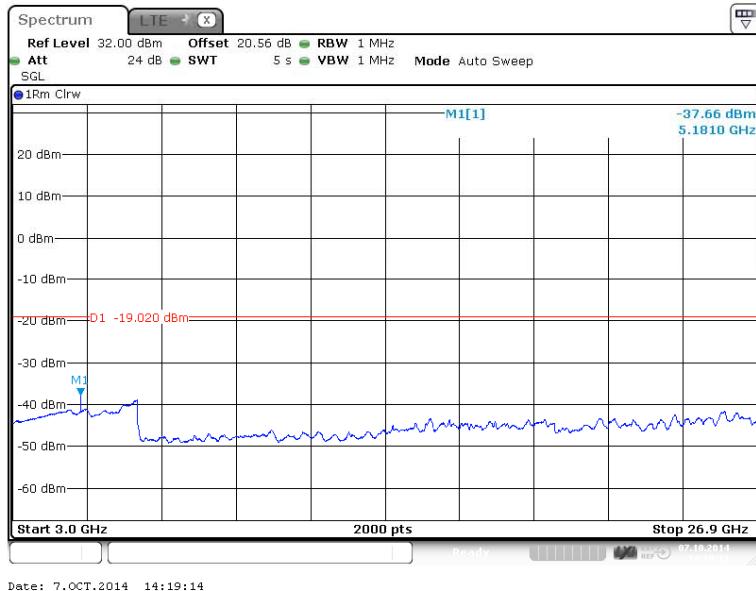
FCC ID:  
VBNFWHHD-01

Test Report No:  
D522886124



Date: 8.OCT.2014 12:08:36

**Figure 73 Spurious Emissions (9kHz – 3GHz) - QPSK (2593.0 MHz) (10MHz Channel BW)**



Date: 7.OCT.2014 14:19:14

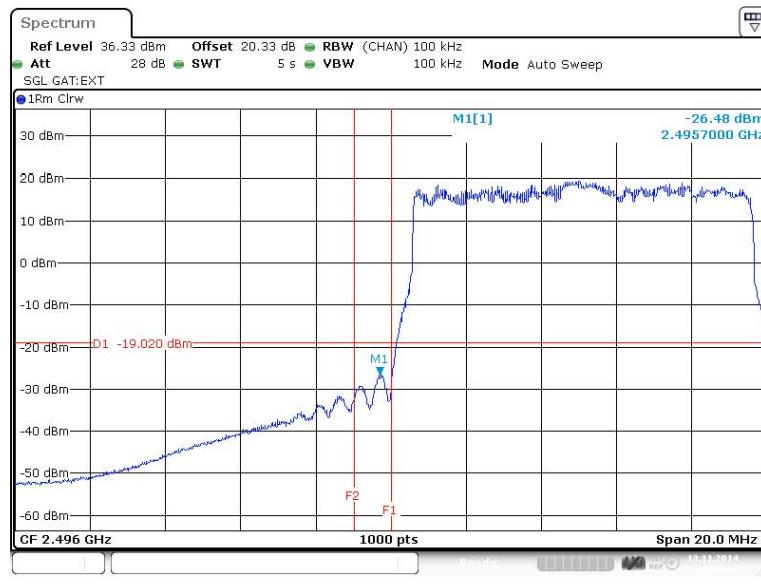
**Figure 74 Spurious Emissions (3GHz – 26.900GHz) – QPSK (2593.0 MHz) (10MHz Channel BW)**



Product Service

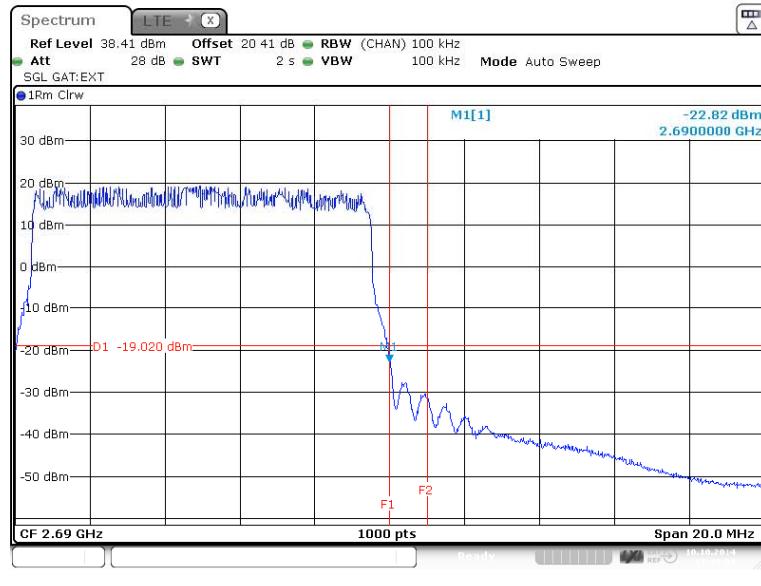
FCC ID:  
VBNFWHHD-01

Test Report No:  
D522886124



Date: 13.NOV.2014 13:32:08

**Figure 75 Spurious Emissions (Lower Band Edge) – 16QAM (2501.1 MHz) (10MHz Channel BW)**



Date: 10.OCT.2014 11:49:04

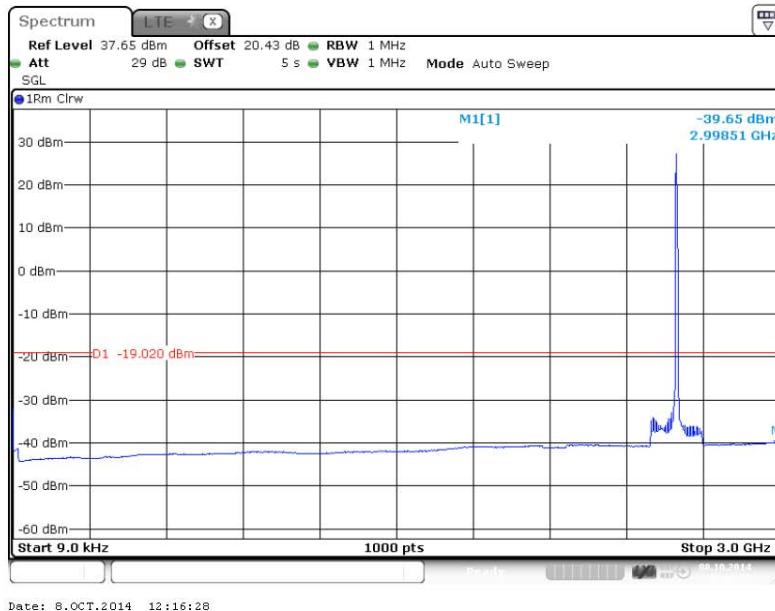
**Figure 76 Spurious Emissions (Upper Band Edge) – 16QAM (2685.0 MHz) (10MHz Channel BW)**



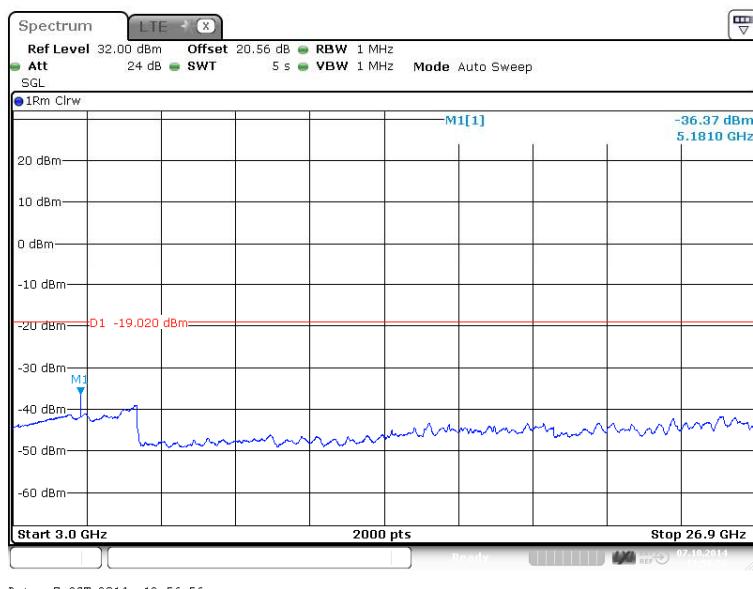
Product Service

FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124



**Figure 77 Spurious Emissions (9kHz – 3GHz) – 16QAM (2593.0 MHz) (10MHz Channel BW)**



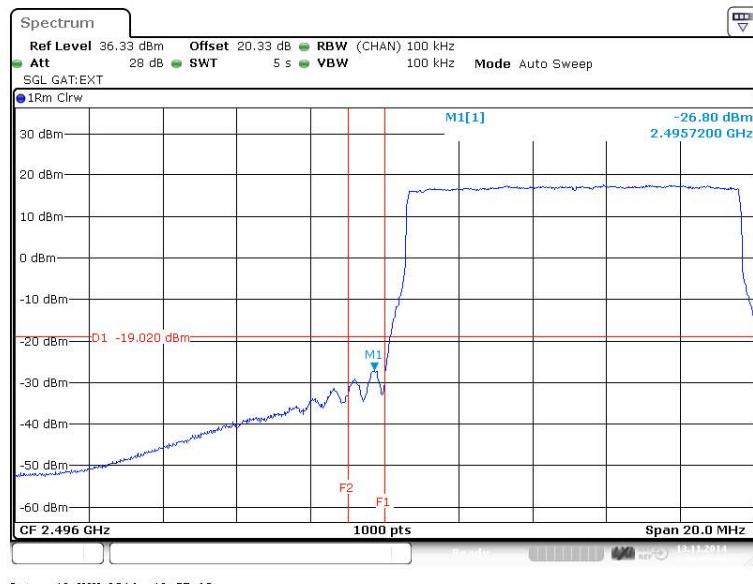
**Figure 78 Spurious Emissions (3GHz – 26.900GHz) – 16QAM (2593.0 MHz) (10MHz Channel BW)**



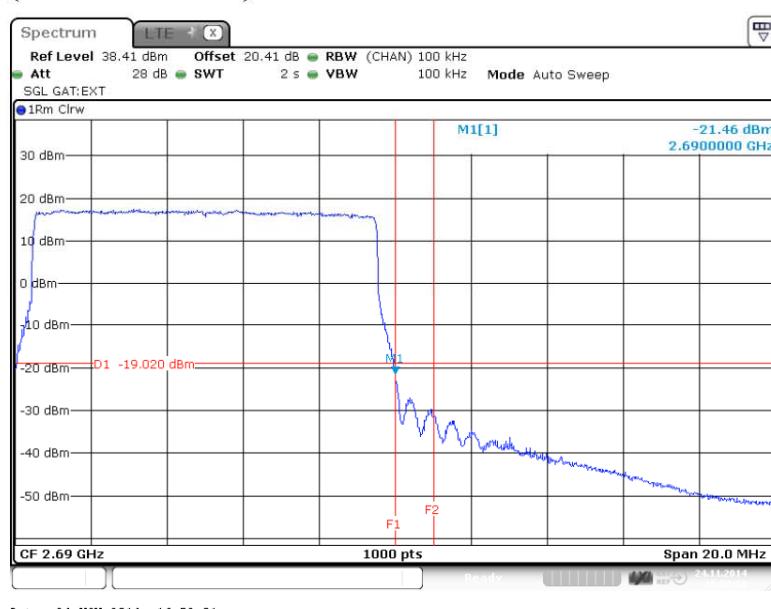
Product Service

FCC ID:  
VBNFWHHD-01

Test Report No:  
D522886124



**Figure 79 Spurious Emissions (Lower Band Edge) – 64QAM (2501.1 MHz) (10MHz Channel BW)**



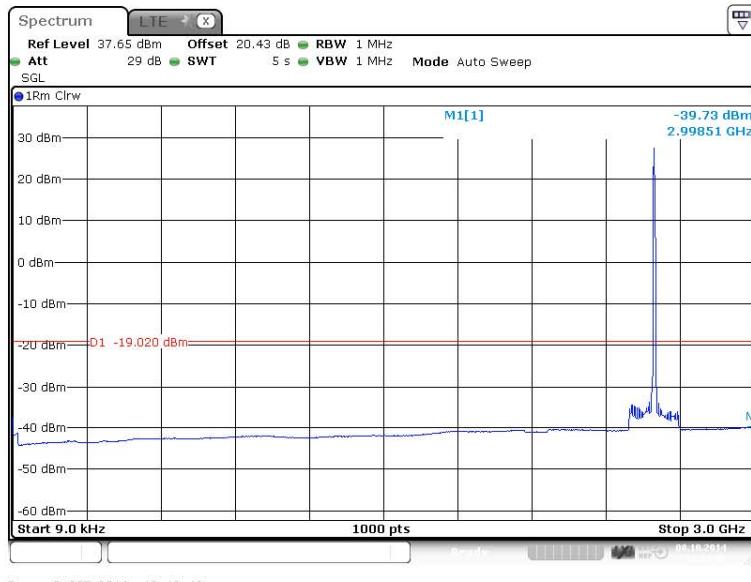
**Figure 80 Spurious Emissions (Upper Band Edge) – 64QAM (2685.0 MHz) (10MHz Channel BW)**



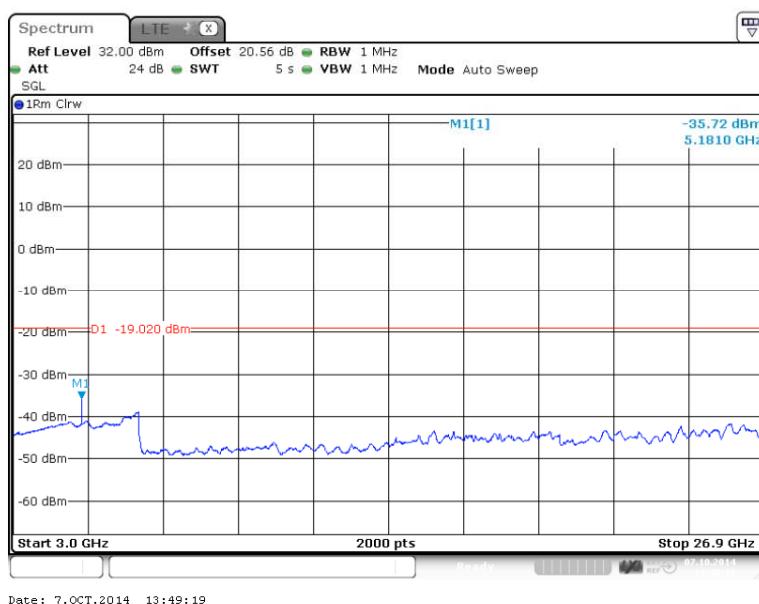
Product Service

FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124



**Figure 81 Spurious Emissions (9kHz – 3GHz) – 64QAM (2593.0 MHz) (10MHz Channel BW)**



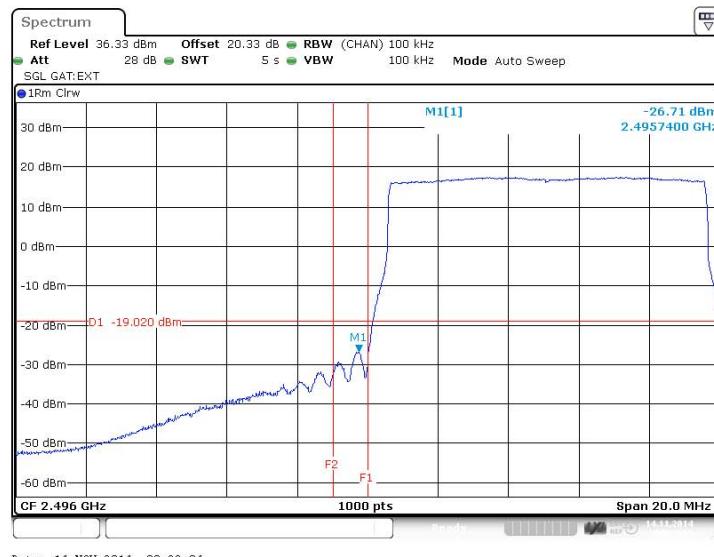
**Figure 82 Spurious Emissions (3GHz – 26.900GHz) – 64QAM (2593.0 MHz) (10MHz Channel BW)**



Product Service

FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124

**Config A ANT2/Div:**

**Figure 83 Spurious Emissions (Lower Band Edge) – QPSK (2501.1 MHz)  
(10MHz Channel BW)**



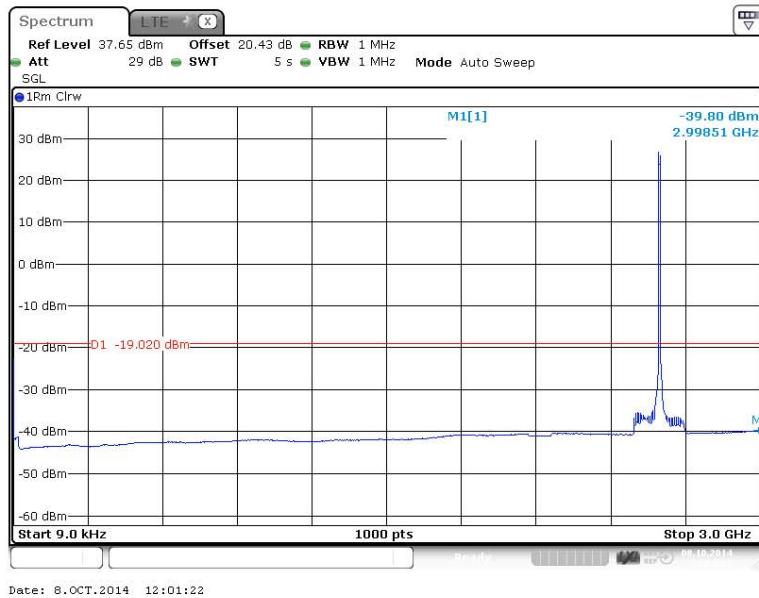
**Figure 84 Spurious Emissions (Upper Band Edge) – QPSK (2685.0 MHz)  
(10MHz Channel BW)**



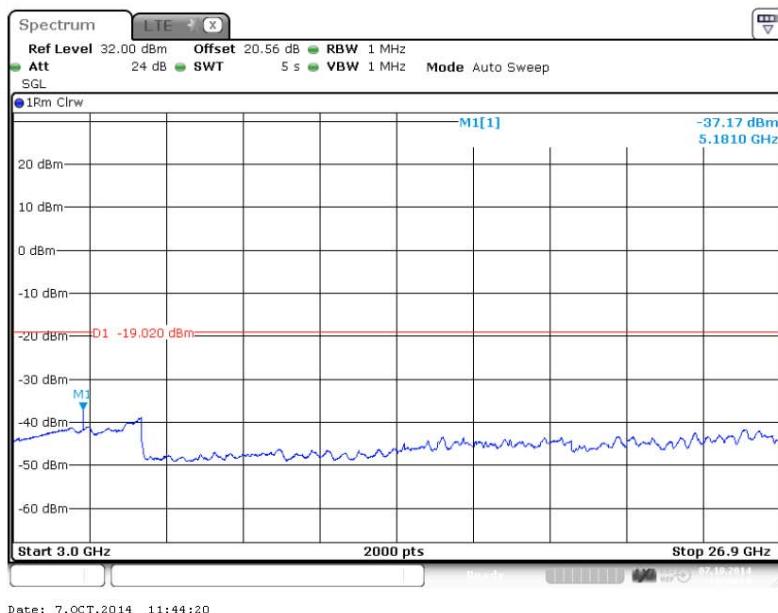
Product Service

FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124



**Figure 85 Spurious Emissions (9kHz – 3GHz) - QPSK (2593.0 MHz) (10MHz Channel BW)**



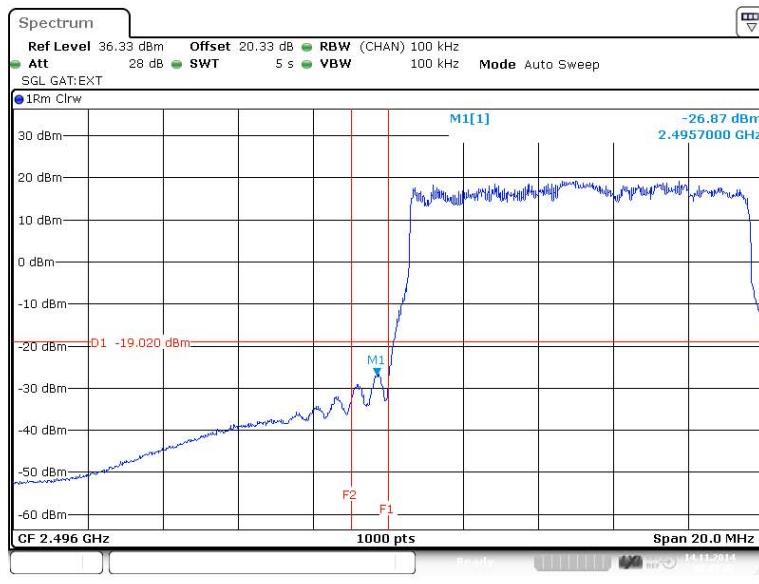
**Figure 86 Spurious Emissions (3GHz – 26.900GHz) – QPSK (2593.0 MHz) (10MHz Channel BW)**



Product Service

FCC ID:  
VBNFWHHD-01

Test Report No:  
D522886124



**Figure 87 Spurious Emissions (Lower Band Edge) – 16QAM (2501.1 MHz)  
(10MHz Channel BW)**



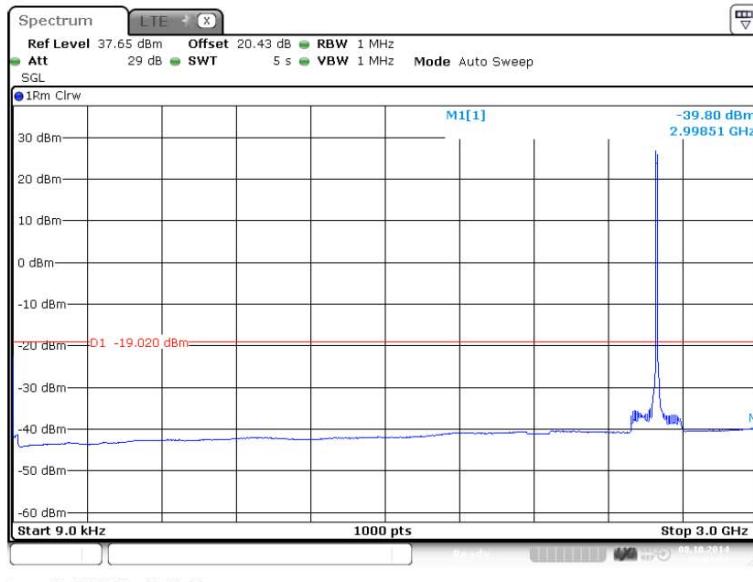
**Figure 88 Spurious Emissions (Upper Band Edge) – 16QAM (2685.0 MHz)  
(10MHz Channel BW)**



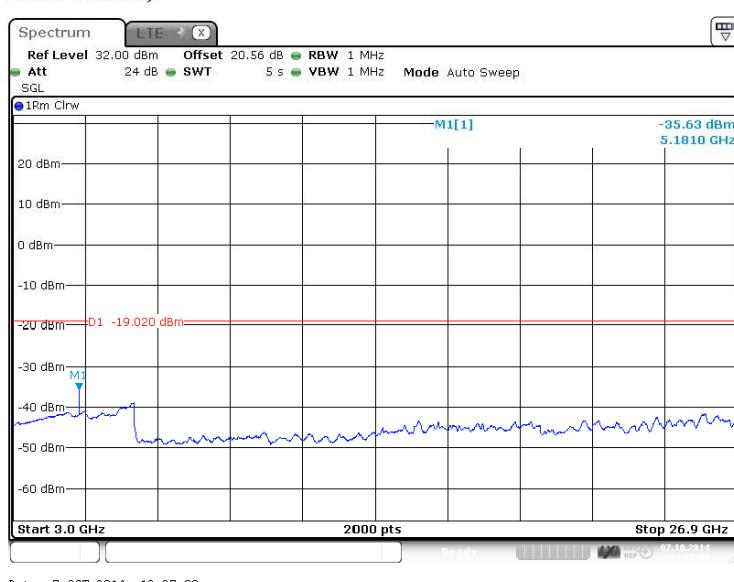
Product Service

FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124



**Figure 89 Spurious Emissions (9kHz – 3GHz) – 16QAM (2593.0 MHz) (10MHz Channel BW)**



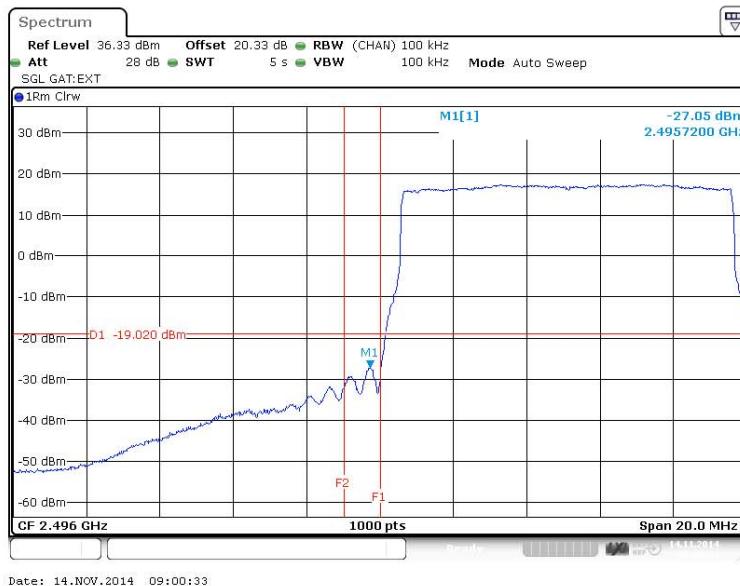
**Figure 90 Spurious Emissions (3GHz – 26.900GHz) – 16QAM (2593.0 MHz) (10MHz Channel BW)**



Product Service

FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124



Date: 14.NOV.2014 09:00:33

**Figure 91 Spurious Emissions (Lower Band Edge) – 64QAM (2501.1 MHz)  
(10MHz Channel BW)**



Date: 10.OCT.2014 11:09:30

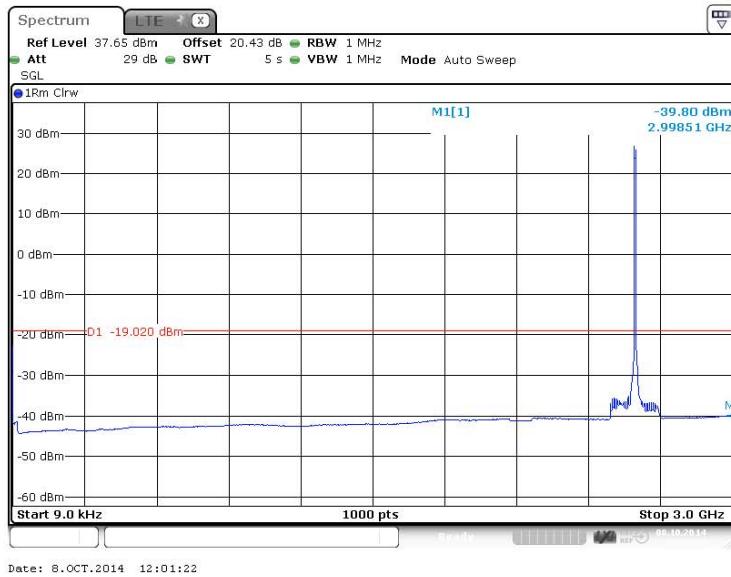
**Figure 92 Spurious Emissions (Upper Band Edge) – 64QAM (2685.0 MHz)  
(10MHz Channel BW)**



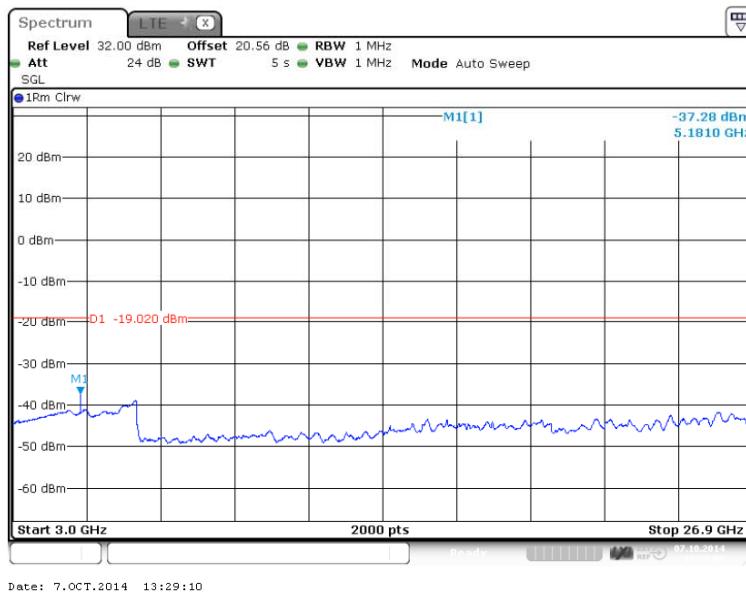
Product Service

FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124



**Figure 93 Spurious Emissions (9kHz – 3GHz) – 64QAM (2593.0 MHz) (10MHz Channel BW)**



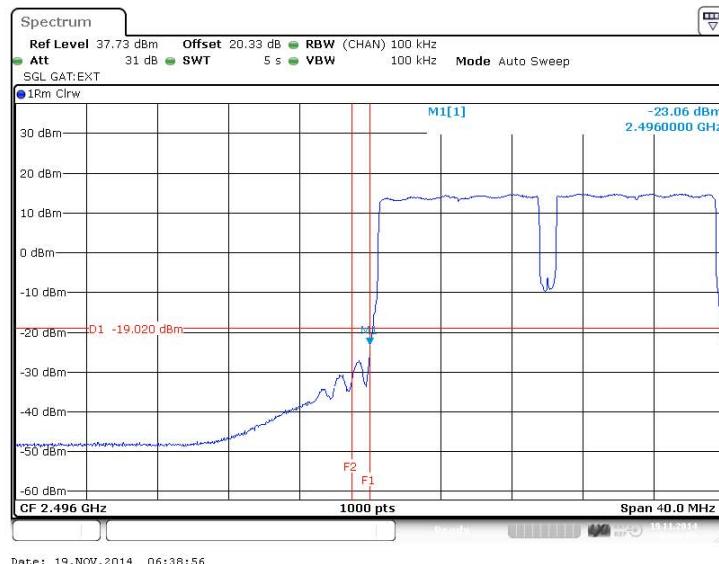
**Figure 94 Spurious Emissions (3GHz – 26.900GHz) – 64QAM (2593.0 MHz) (10MHz Channel BW)**



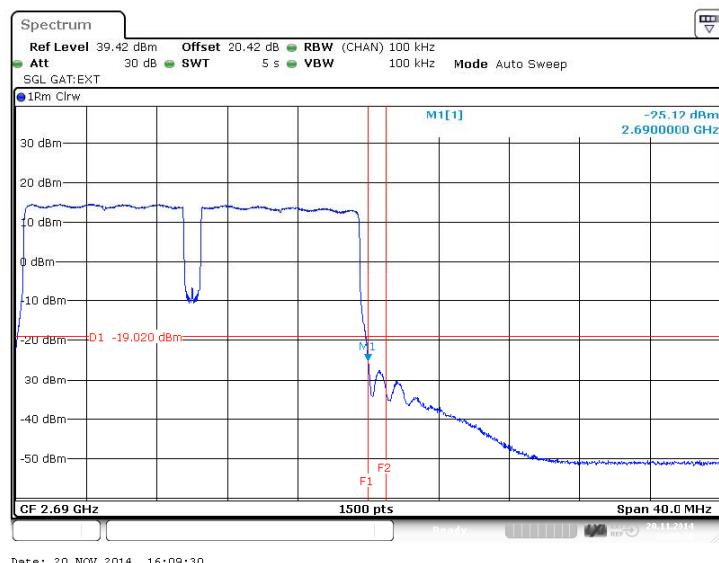
Product Service

FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124

**Config B ANT2/Main:**

**Figure 95 Spurious Emissions (Lower Band Edge) – QPSK (2501.0/2511.0 MHz) (10MHz Channel BW)**



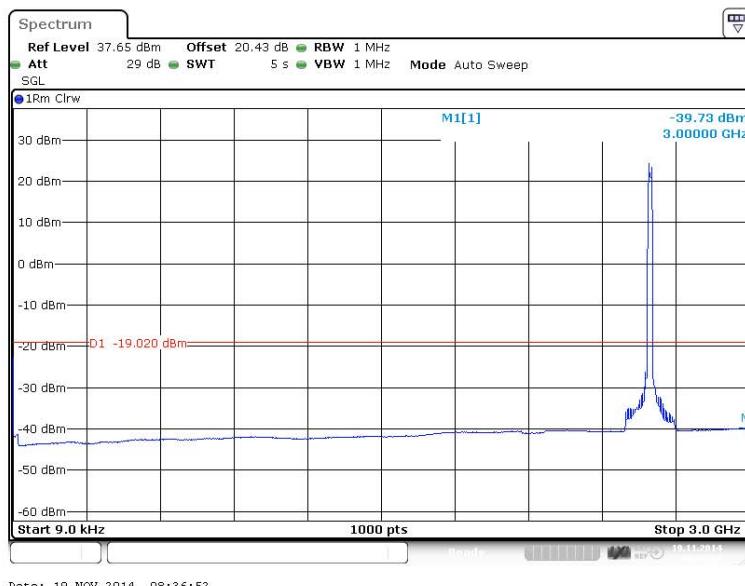
**Figure 96 Spurious Emissions (Upper Band Edge) – QPSK (2660.0/2680.0 MHz) (10MHz Channel BW)**



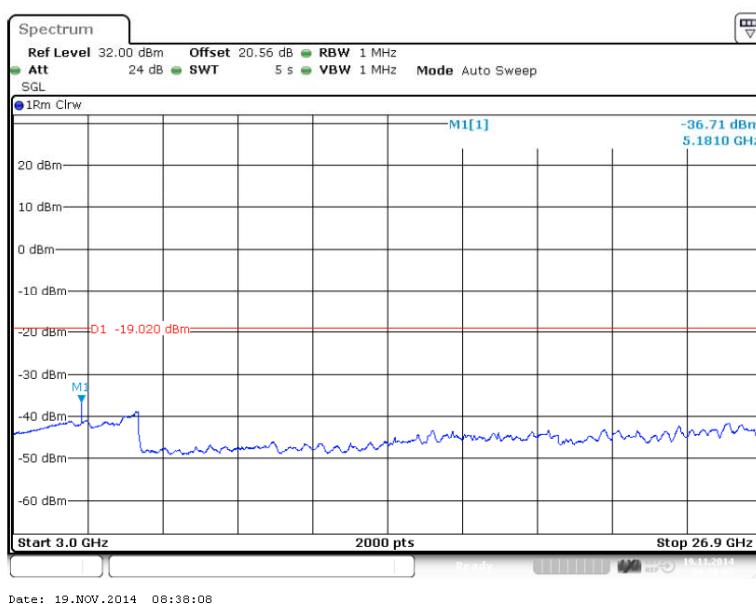
Product Service

FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124



**Figure 97 Spurious Emissions (9kHz – 3GHz) - QPSK (2583.0/2603.0 MHz) (10MHz Channel BW)**



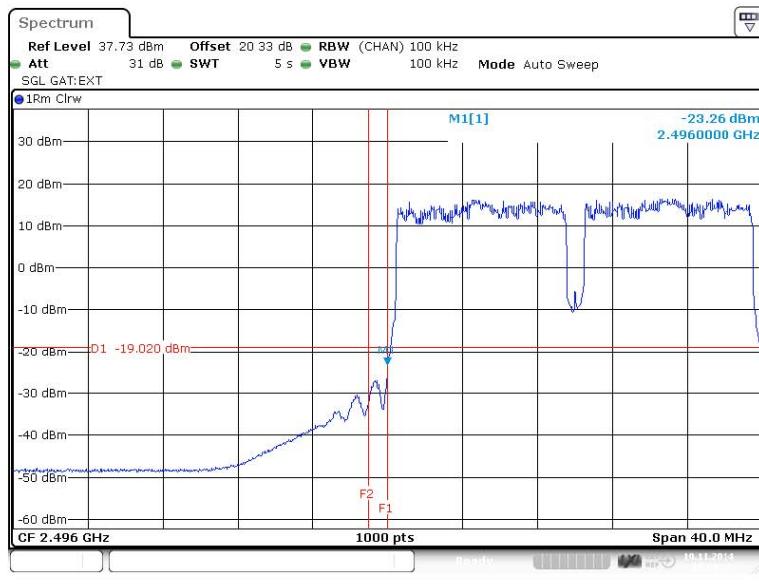
**Figure 98 Spurious Emissions (3GHz – 26.900GHz) – QPSK (2583.0/2603.0 MHz) (10MHz Channel BW)**



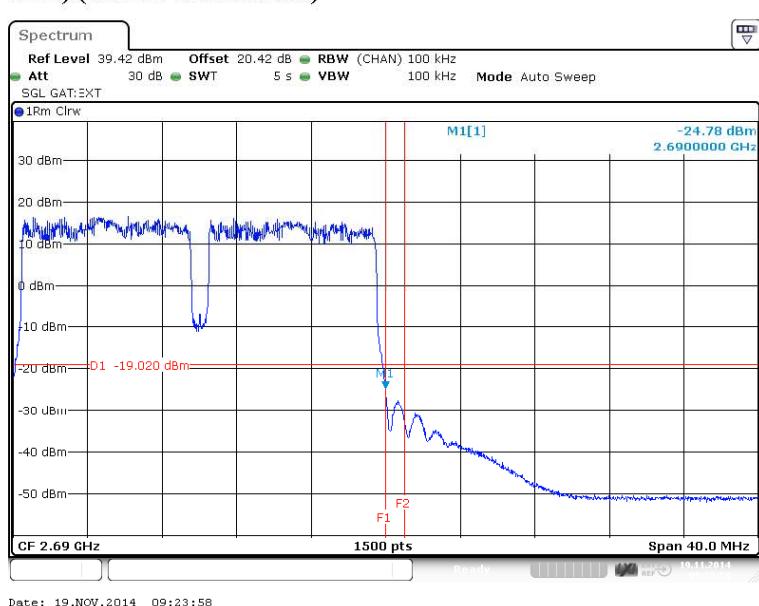
Product Service

FCC ID:  
VBNFWHHD-01

Test Report No:  
D522886124



**Figure 99 Spurious Emissions (Lower Band Edge) – 16QAM (2501.0/2511.0 MHz) (10MHz Channel BW)**



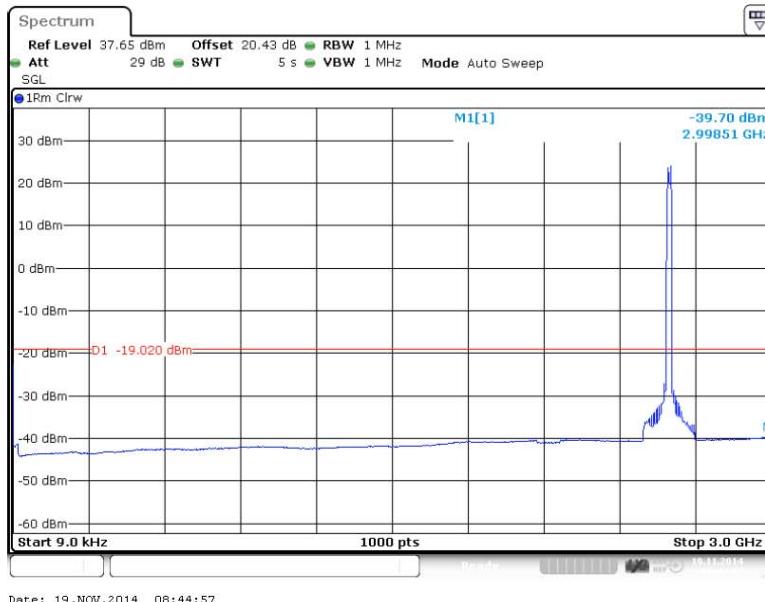
**Figure 100 Spurious Emissions (Upper Band Edge) – 16QAM (2675.0/2685.0 MHz) (10MHz Channel BW)**



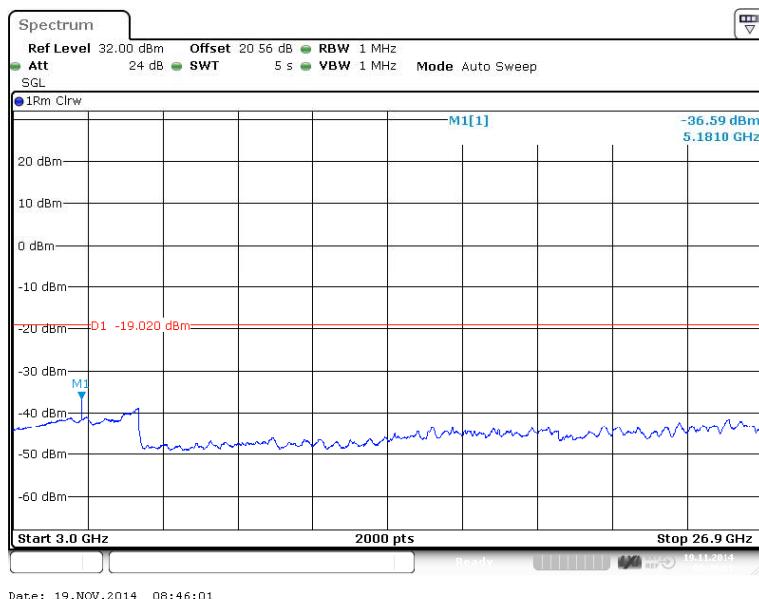
Product Service

FCC ID:  
VBNFWHHD-01

Test Report No:  
D522886124



**Figure 101 Spurious Emissions (9kHz – 3GHz) – 16QAM (2583.0/2603.0 MHz) (10MHz Channel BW)**



**Figure 102 Spurious Emissions (3GHz – 26.900GHz) – 16QAM (2583.0/2603.0 MHz) (10MHz Channel BW)**



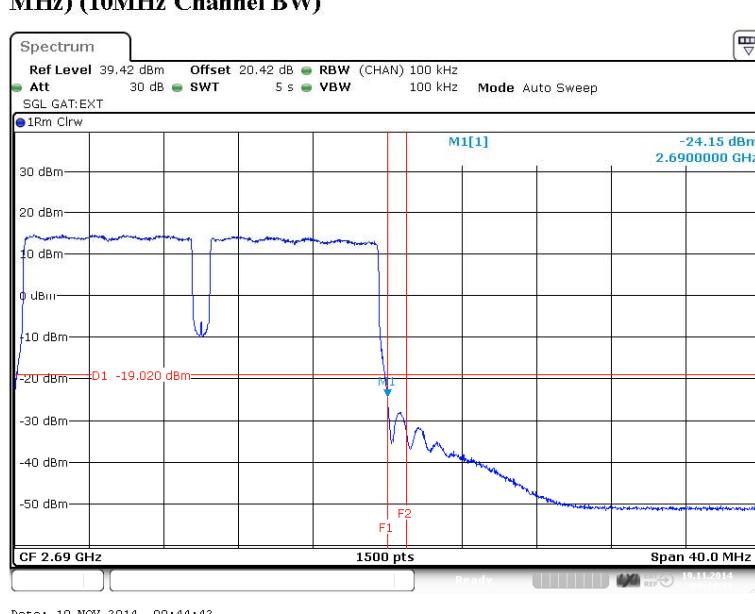
Product Service

FCC ID:  
VBNFWHHD-01

Test Report No:  
D522886124



**Figure 103 Spurious Emissions (Lower Band Edge) – 64QAM (2501.0/2511.0 MHz) (10MHz Channel BW)**



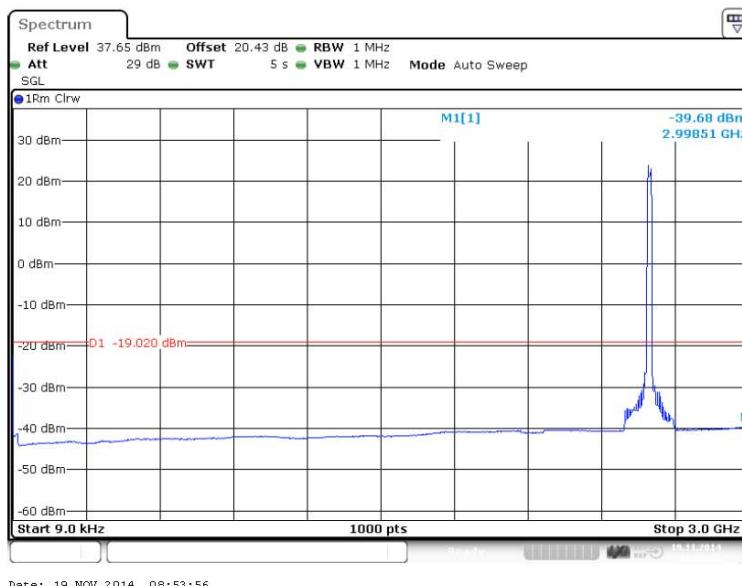
**Figure 104 Spurious Emissions (Upper Band Edge) – 64QAM (2675.0/2685.0 MHz) (10MHz Channel BW)**



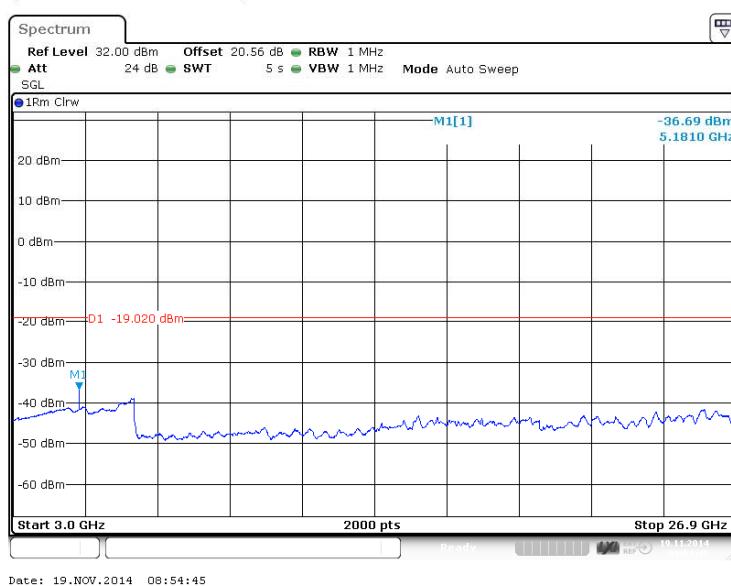
Product Service

FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124



**Figure 105 Spurious Emissions (9kHz – 3GHz) – 64QAM (2583.0/2603.0 MHz) (10MHz Channel BW)**



**Figure 106 Spurious Emissions (3GHz – 26.900GHz) – 64QAM (2583.0/2603.0 MHz) (10MHz Channel BW)**



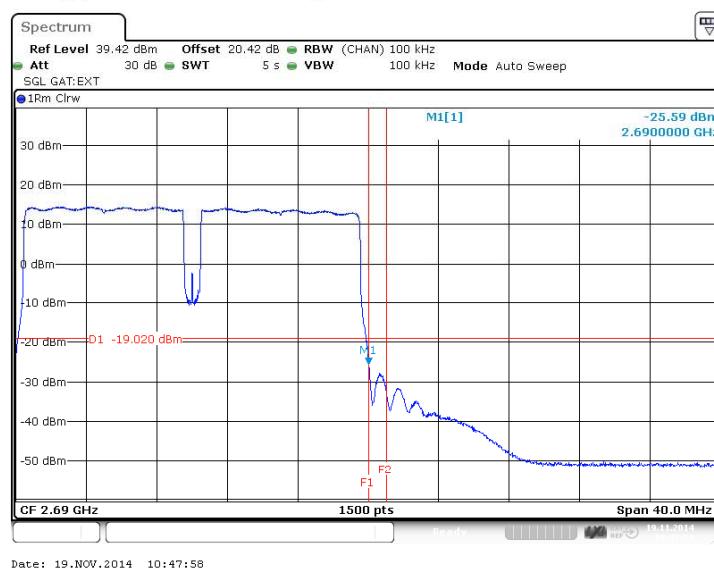
Product Service

FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124

**Config B ANT2/Div:**

**Figure 107 Spurious Emissions (Lower Band Edge) – QPSK (2501.0/2511.0 MHz) (10MHz Channel BW)**



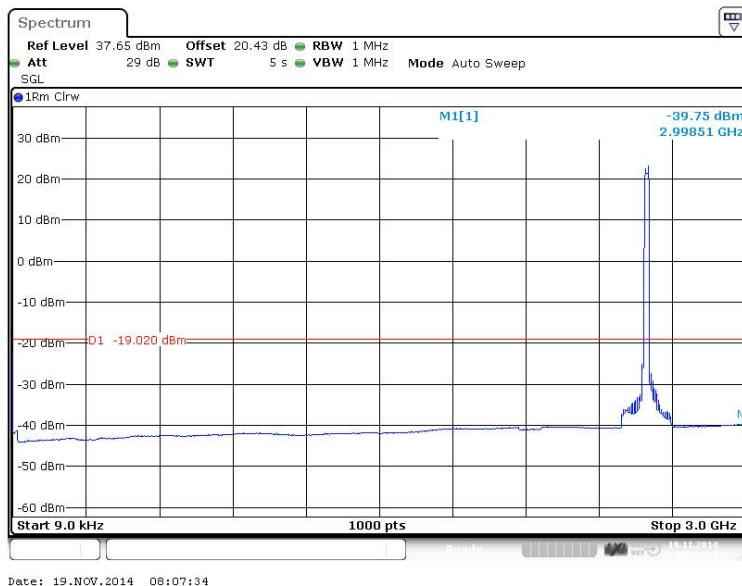
**Figure 108 Spurious Emissions (Upper Band Edge) – QPSK (2675.0/2685.0 MHz) (10MHz Channel BW)**



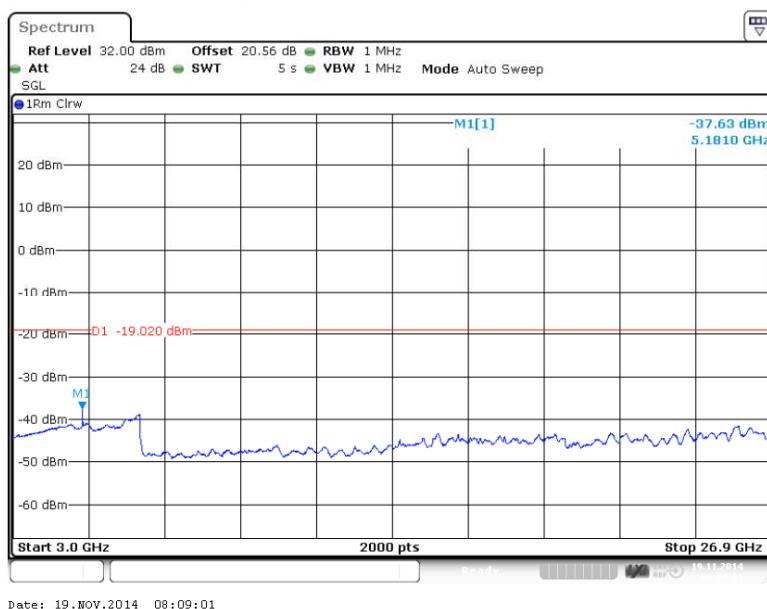
Product Service

FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124



**Figure 109 Spurious Emissions (9kHz – 3GHz) - QPSK (2583.0/2603.0 MHz) (10MHz Channel BW)**



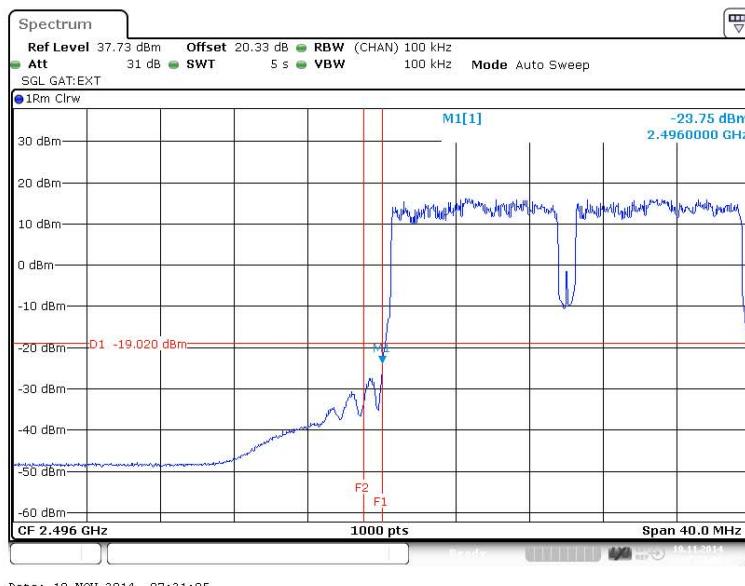
**Figure 110 Spurious Emissions (3GHz – 26.900GHz) – QPSK (2583.0/2603.0 MHz) (10MHz Channel BW)**



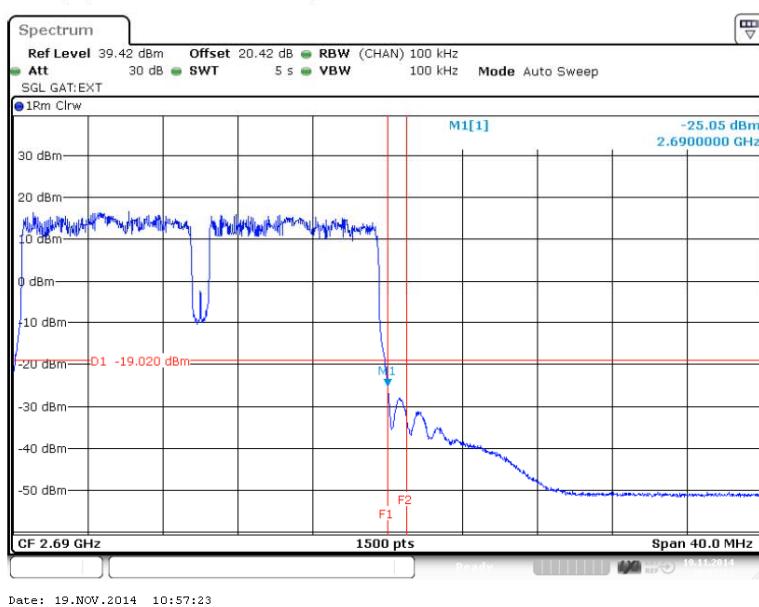
Product Service

FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124



**Figure 111 Spurious Emissions (Lower Band Edge) – 16QAM (2501.0/2511.0 MHz) (10MHz Channel BW)**



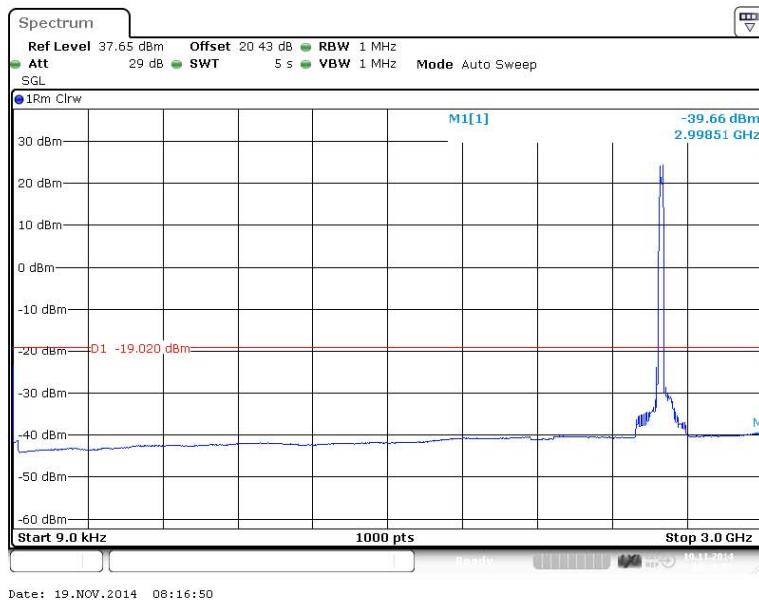
**Figure 112 Spurious Emissions (Upper Band Edge) – 16QAM (2675.0/2685.0 MHz) (10MHz Channel BW)**



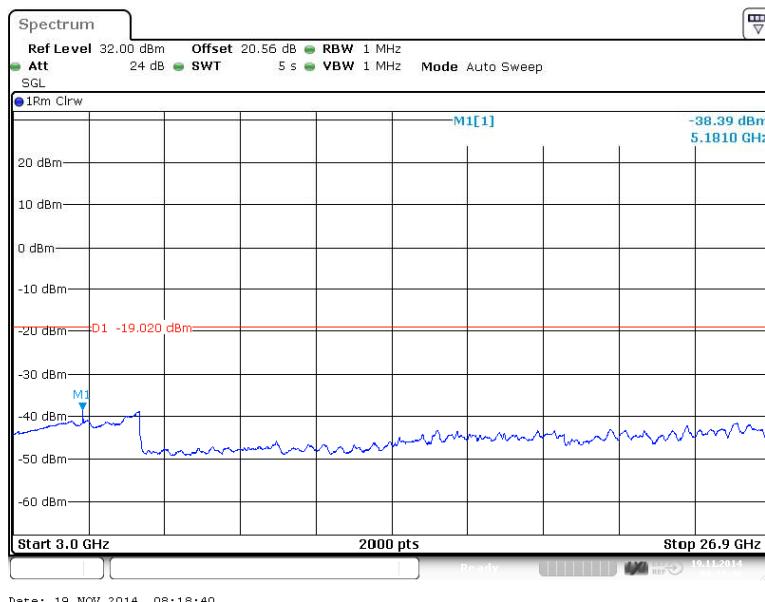
Product Service

FCC ID:  
VBNFWHHD-01

Test Report No:  
D522886124



**Figure 113 Spurious Emissions (9kHz – 3GHz) – 16QAM (2583.0/2603.0 MHz) (10MHz Channel BW)**



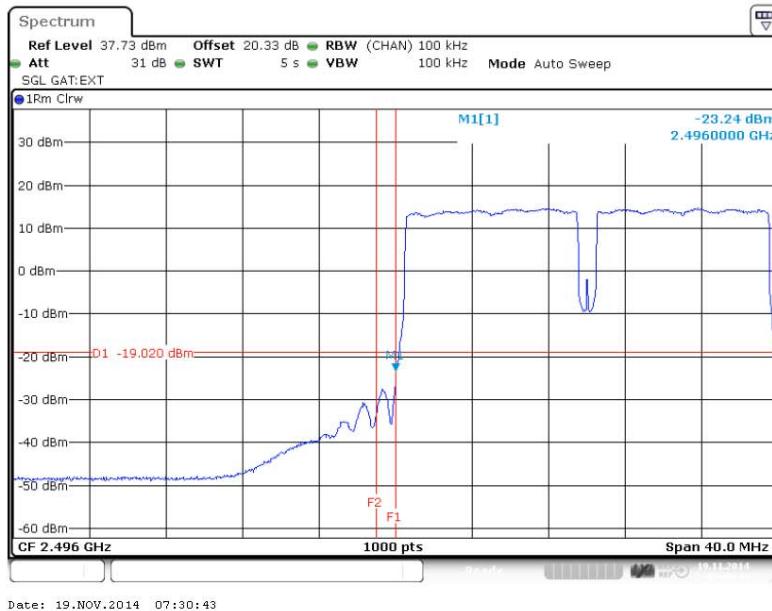
**Figure 114 Spurious Emissions (3GHz – 26.900GHz) – 16QAM (2583.0/2603.0 MHz) (10MHz Channel BW)**



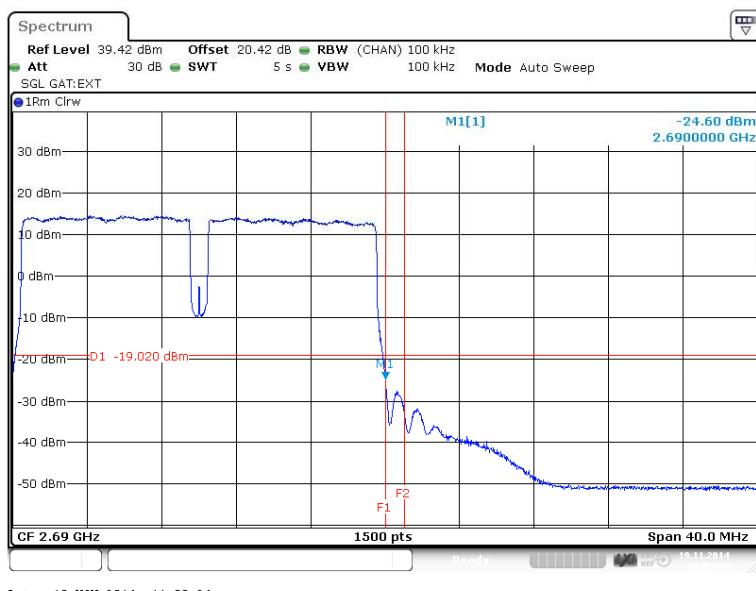
Product Service

FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124



**Figure 115 Spurious Emissions (Lower Band Edge) – 64QAM (2501.0/2511.0 MHz) (10MHz Channel BW)**



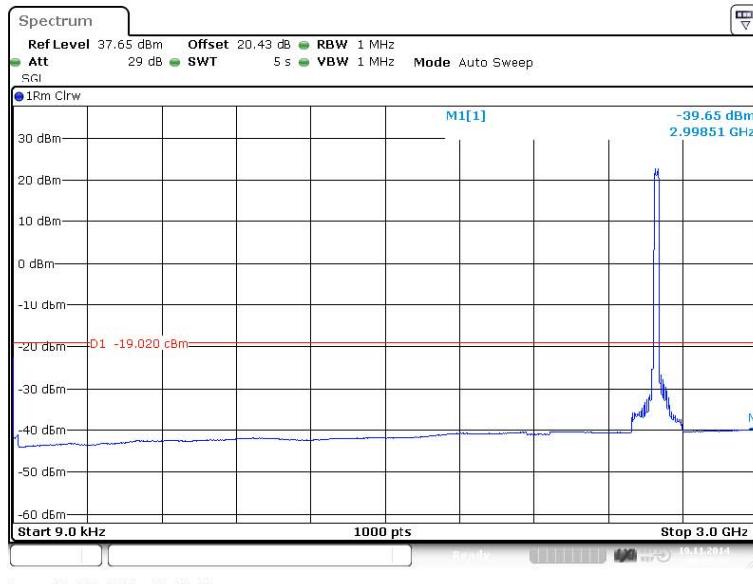
**Figure 116 Spurious Emissions (Upper Band Edge) – 64QAM (2675.0/2685.0 MHz) (10MHz Channel BW)**



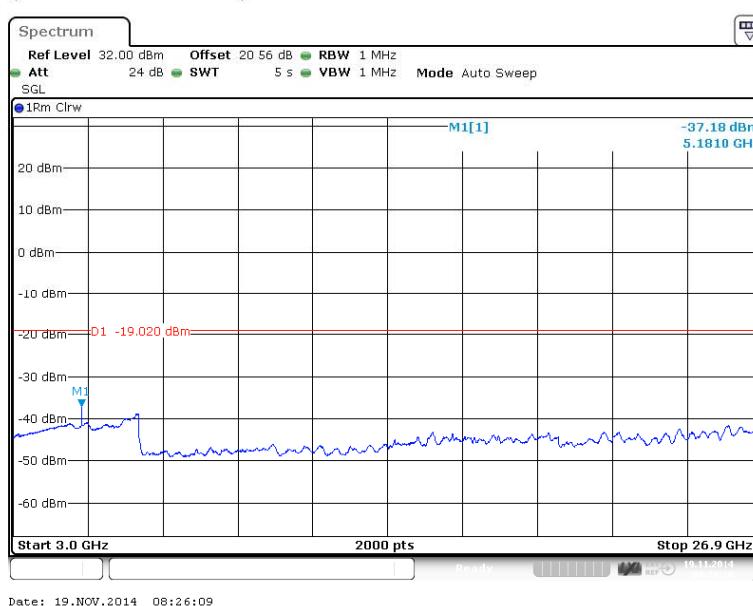
Product Service

FCC ID:  
VBNFWHHD-01

Test Report No:  
D522886124



**Figure 117 Spurious Emissions (9kHz – 3GHz) – 64QAM (2583.0/2603.0 MHz) (10MHz Channel BW)**



**Figure 118 Spurious Emissions (3GHz – 26.900GHz) – 64QAM (2583.0/2603.0 MHz) (10MHz Channel BW)**



Product Service

FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124

**Config C ANT1/Main:**

Date: 20.OCT.2014 12:15:13

**Figure 119 Spurious Emissions (Lower Band Edge) – QPSK (2503.5 MHz)  
(15MHz Channel BW)**



Date: 21.OCT.2014 14:09:31

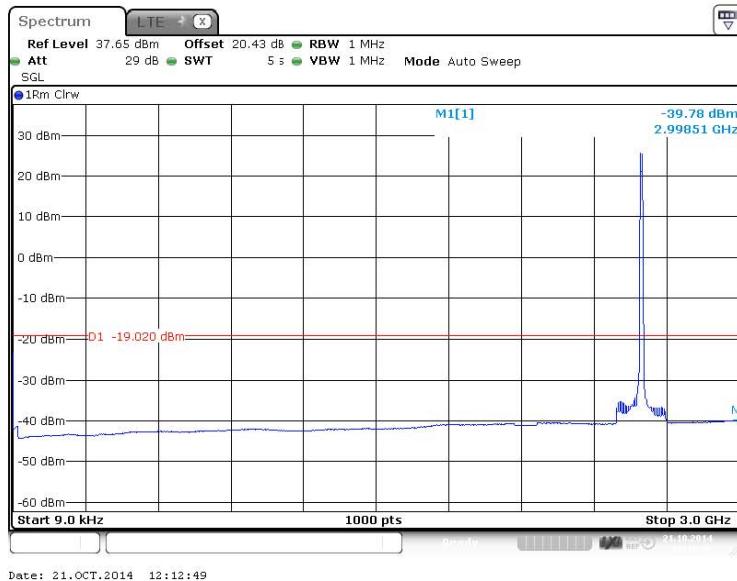
**Figure 120 Spurious Emissions (Upper Band Edge) – QPSK (2682.5 MHz)  
(15MHz Channel BW)**



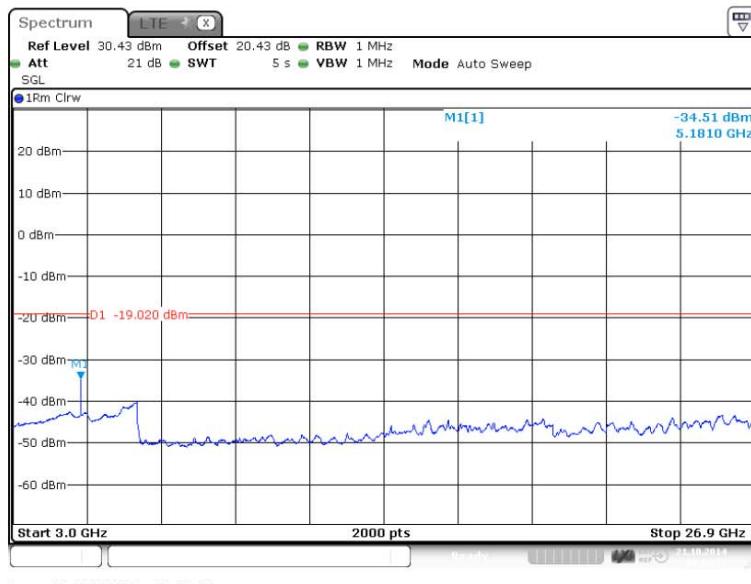
Product Service

FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124



**Figure 121 Spurious Emissions (9kHz – 3GHz) - QPSK (2593.0 MHz) (15MHz Channel BW)**



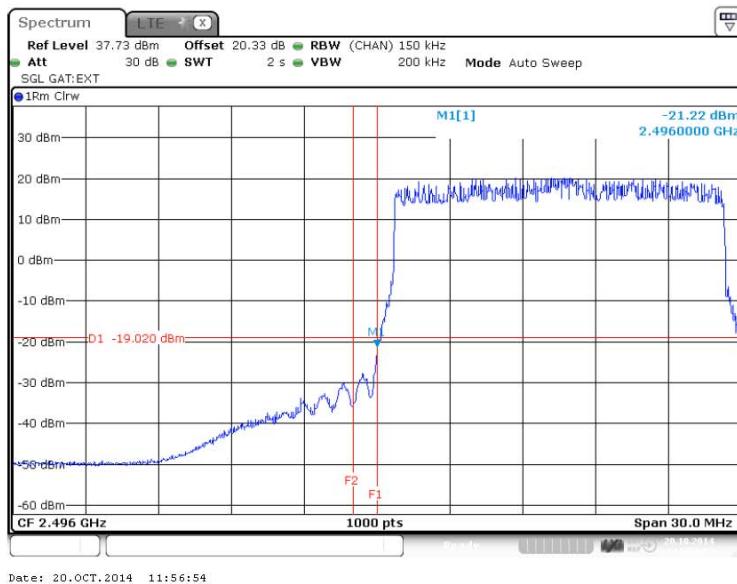
**Figure 122 Spurious Emissions (3GHz – 26.900GHz) – QPSK (2593.0 MHz) (15MHz Channel BW)**



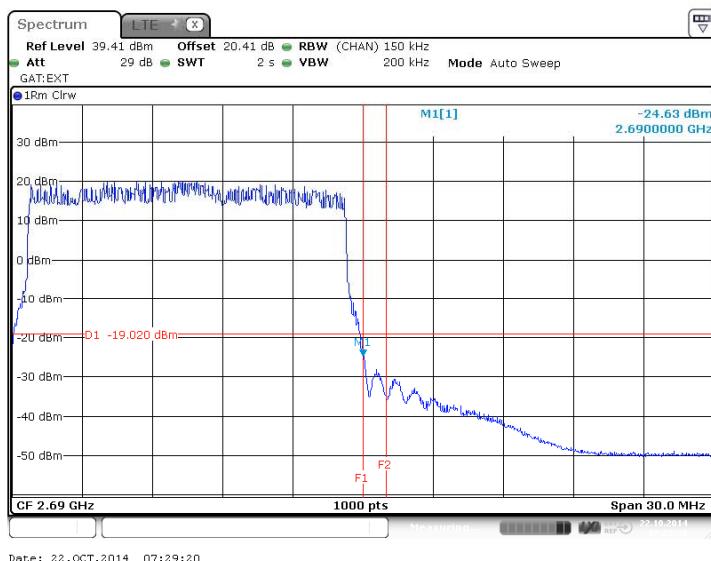
Product Service

FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124



**Figure 123 Spurious Emissions (Lower Band Edge) – 16QAM (2503.5 MHz) (15MHz Channel BW)**



**Figure 124 Spurious Emissions (Upper Band Edge) – 16QAM (2682.5 MHz) (15MHz Channel BW)**



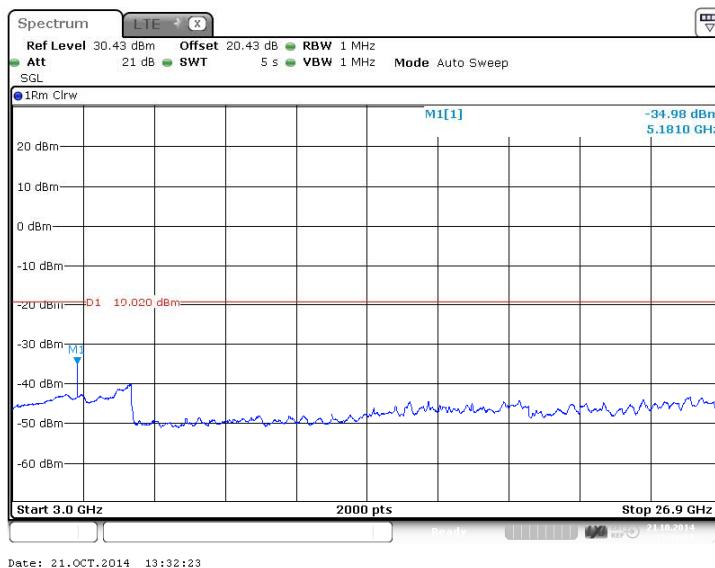
Product Service

FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124



**Figure 125 Spurious Emissions (9kHz – 3GHz) – 16QAM (2593.0 MHz) (15MHz Channel BW)**



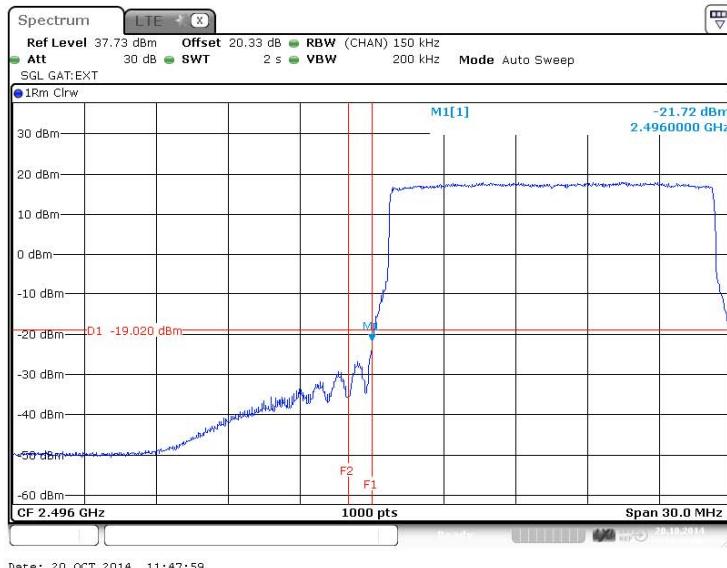
**Figure 126 Spurious Emissions (3GHz – 26.900GHz) – 16QAM (2593.0 MHz) (15MHz Channel BW)**



Product Service

FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124



**Figure 127 Spurious Emissions (Lower Band Edge) – 64QAM (2503.5 MHz) (15MHz Channel BW)**



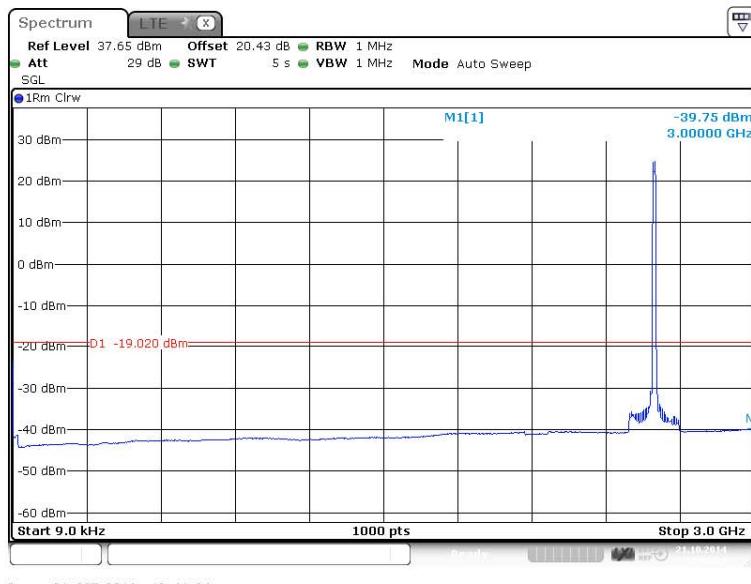
**Figure 128 Spurious Emissions (Upper Band Edge) – 64QAM (2682.5 MHz) (15MHz Channel BW)**



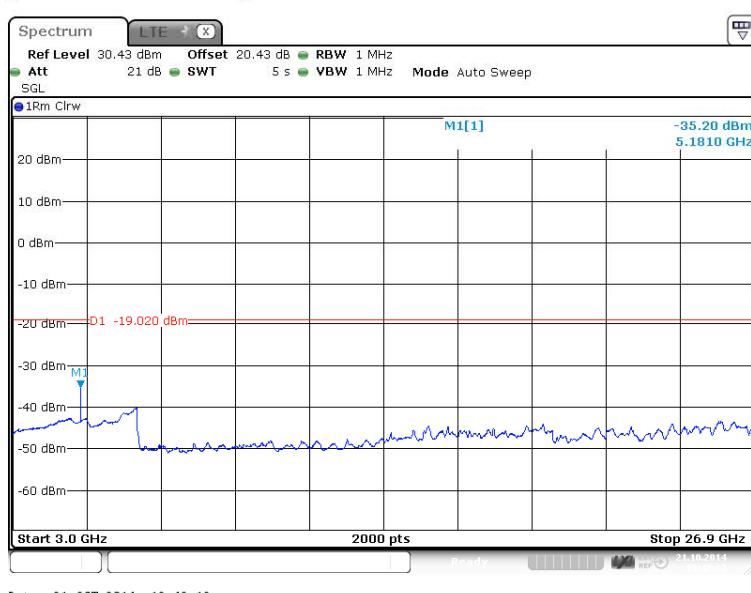
Product Service

FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124



**Figure 129 Spurious Emissions (9kHz – 3GHz) – 64QAM (2593.0 MHz) (15MHz Channel BW)**



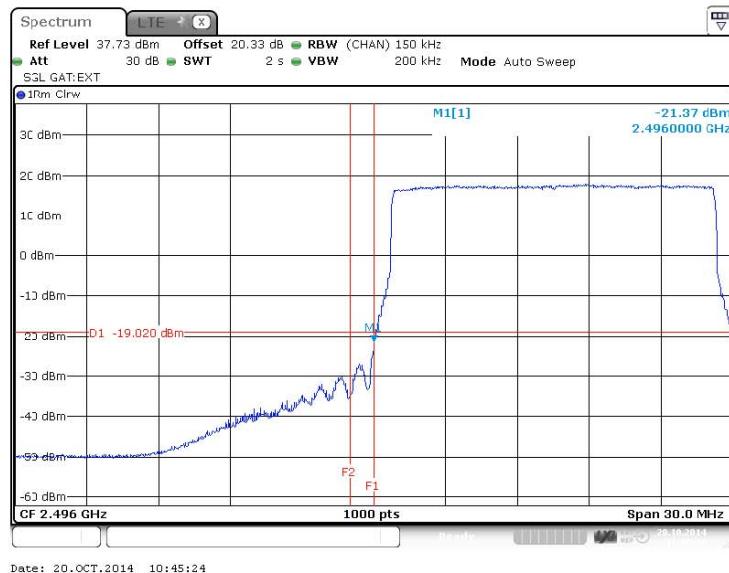
**Figure 130 Spurious Emissions (3GHz – 26.900GHz) – 64QAM (2593.0 MHz) (15MHz Channel BW)**



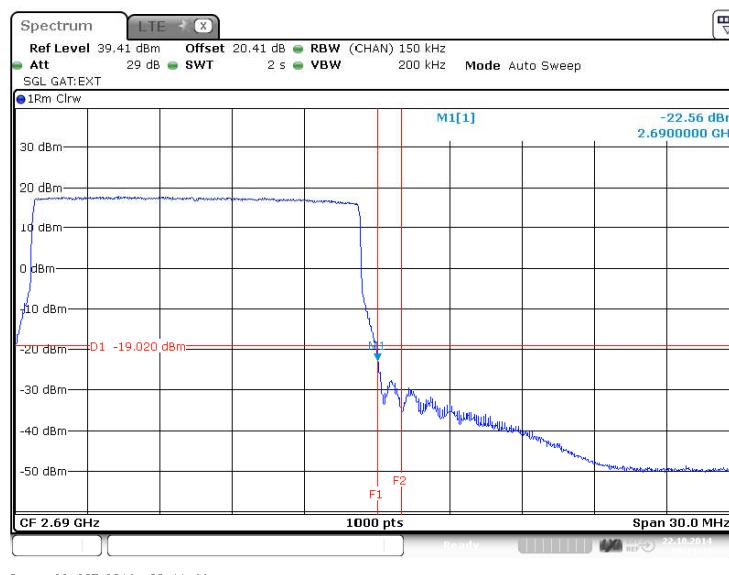
Product Service

FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124

**Config C ANT1/Div:**

**Figure 131 Spurious Emissions (Lower Band Edge) – QPSK (2503.5 MHz)  
(15MHz Channel BW)**





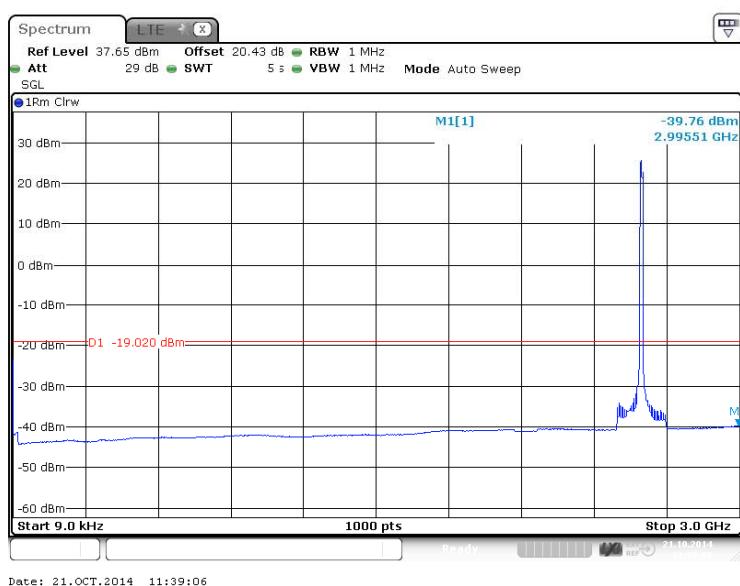
Product Service

FCC ID:  
VBNFWHHD-01

Test Report No:  
D522886124



**Figure 132 Spurious Emissions (Upper Band Edge) – QPSK (2682.5 MHz) (15MHz Channel BW)**



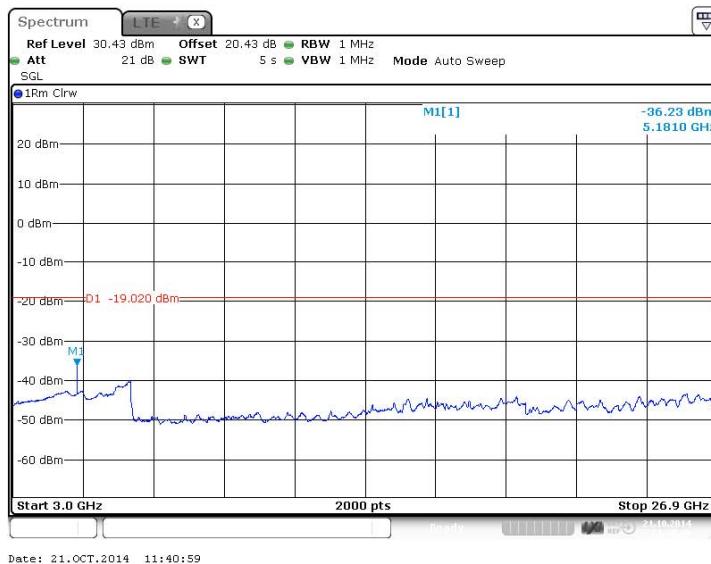
**Figure 133 Spurious Emissions (9kHz – 3GHz) - QPSK (2593.0 MHz) (15MHz Channel BW)**



Product Service

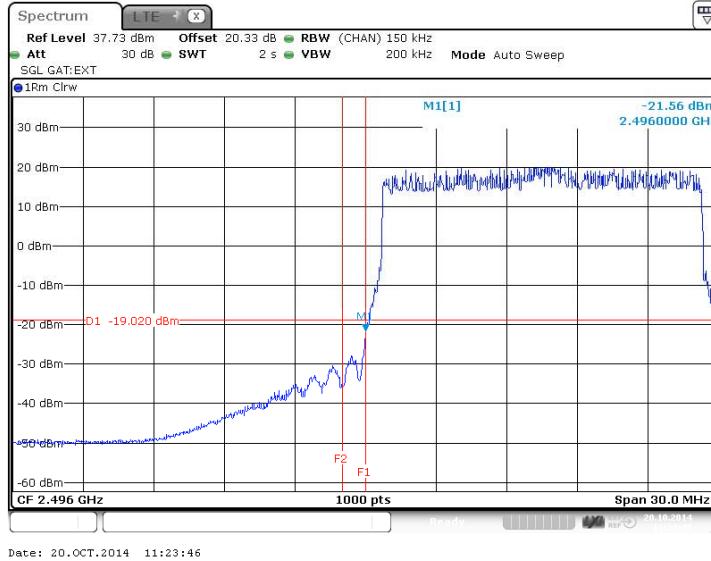
FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124



Date: 21.OCT.2014 11:40:59

**Figure 134 Spurious Emissions (3GHz – 26.900GHz) – QPSK (2593.0 MHz) (15MHz Channel BW)**



Date: 20.OCT.2014 11:23:46

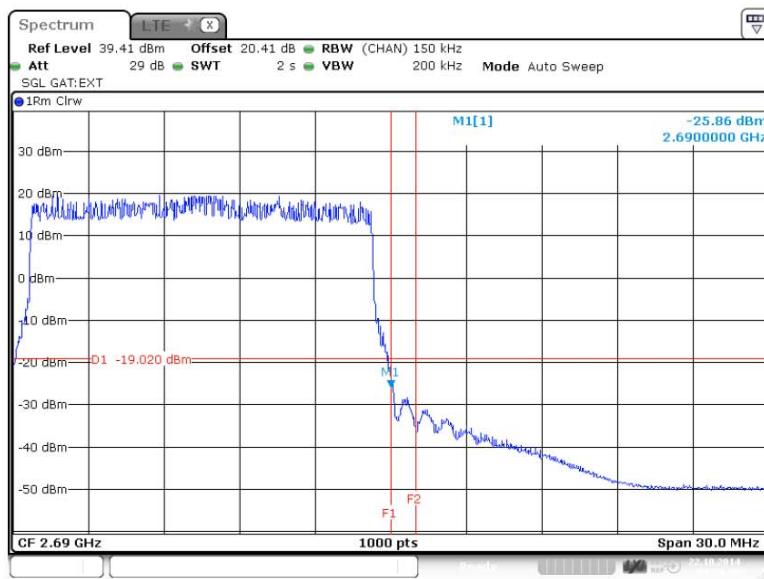
**Figure 135 Spurious Emissions (Lower Band Edge) – 16QAM (2503.5 MHz) (15MHz Channel BW)**



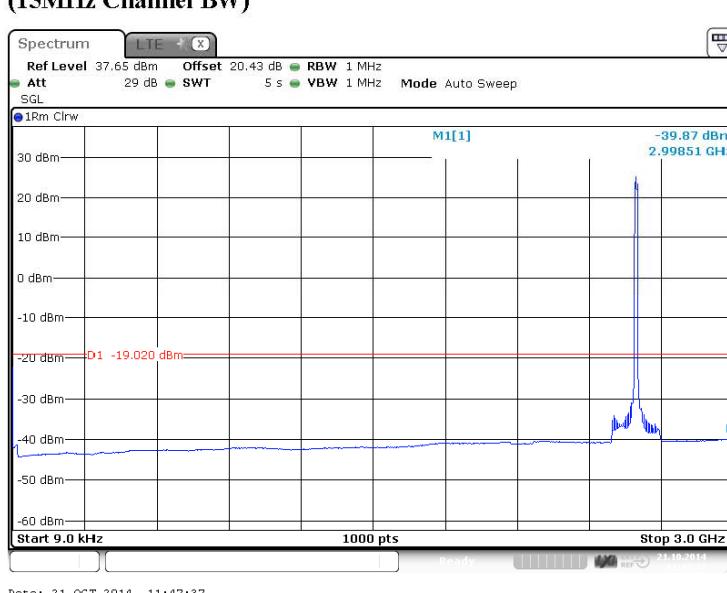
Product Service

FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124



**Figure 136 Spurious Emissions (Upper Band Edge) – 16QAM (2682.5 MHz) (15MHz Channel BW)**



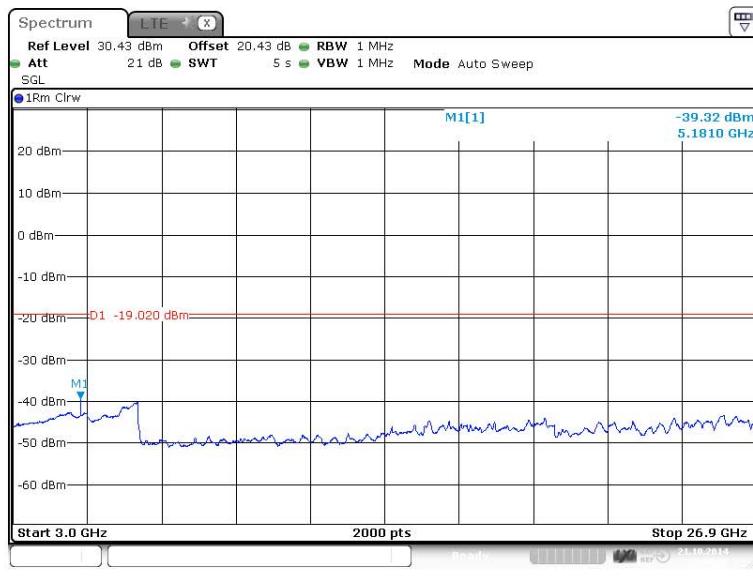
**Figure 137 Spurious Emissions (9kHz – 3GHz) – 16QAM (2593.0 MHz) (15MHz Channel BW)**



Product Service

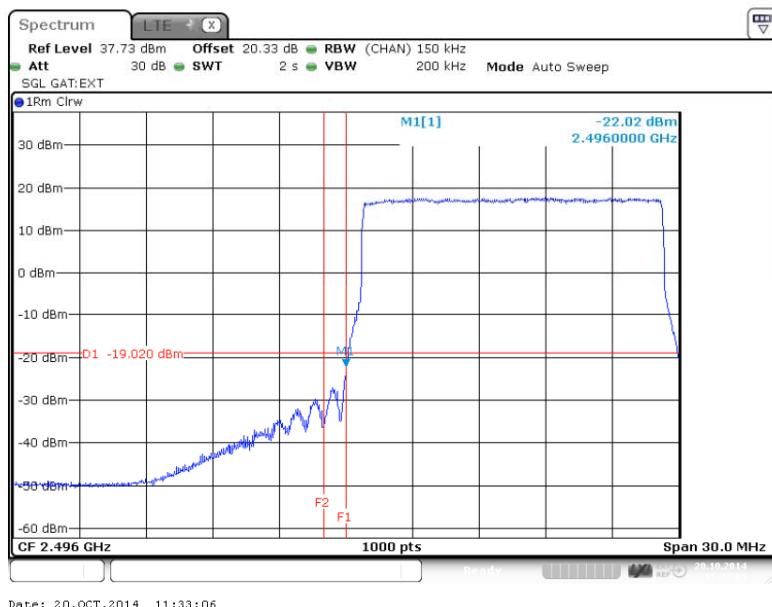
FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124



Date: 21.OCT.2014 11:48:35

**Figure 138 Spurious Emissions (3GHz – 26.900GHz) – 16QAM (2593.0 MHz) (15MHz Channel BW)**



Date: 20.OCT.2014 11:33:06

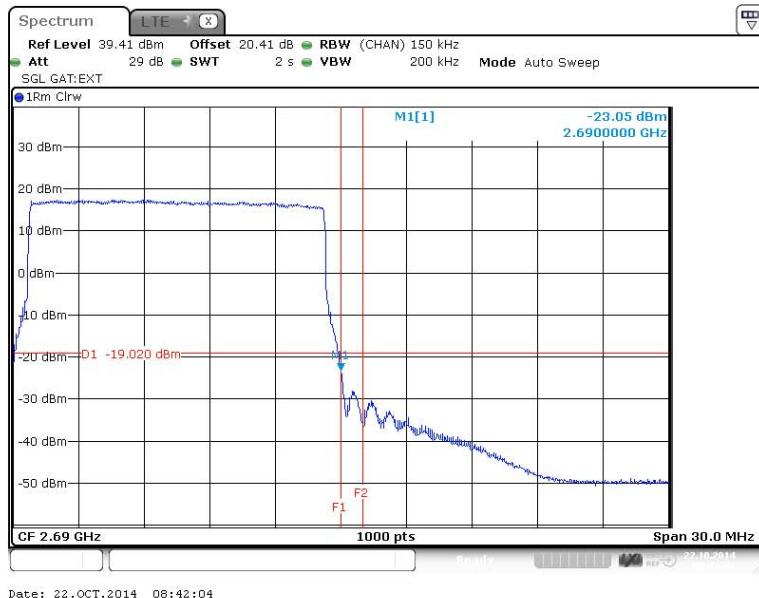
**Figure 139 Spurious Emissions (Lower Band Edge) – 64QAM (2503.5 MHz) (15MHz Channel BW)**



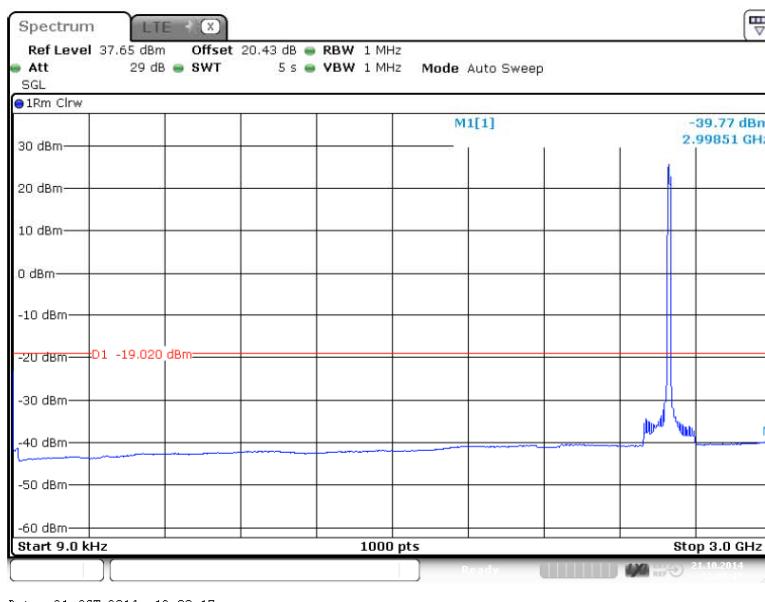
Product Service

FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124



**Figure 140 Spurious Emissions (Upper Band Edge) – 64QAM (2682.5 MHz) (15MHz Channel BW)**



**Figure 141 Spurious Emissions (9kHz – 3GHz) – 64QAM (2593.0 MHz) (15MHz Channel BW)**