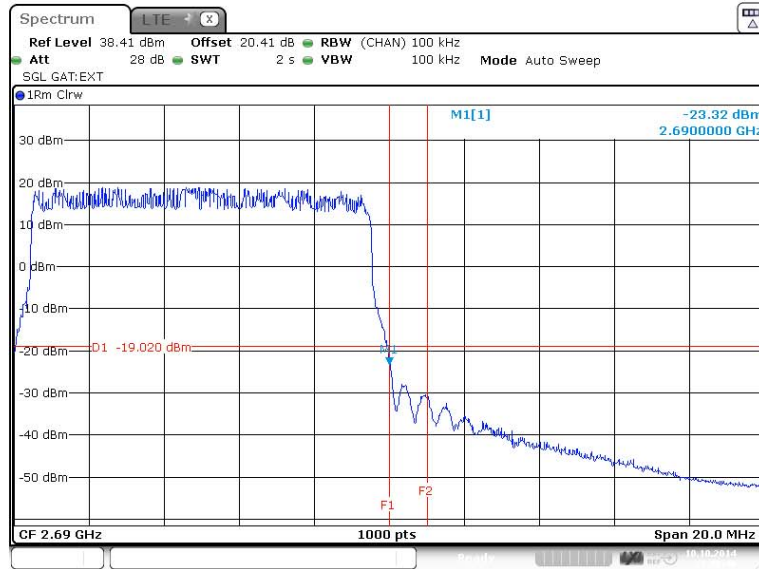




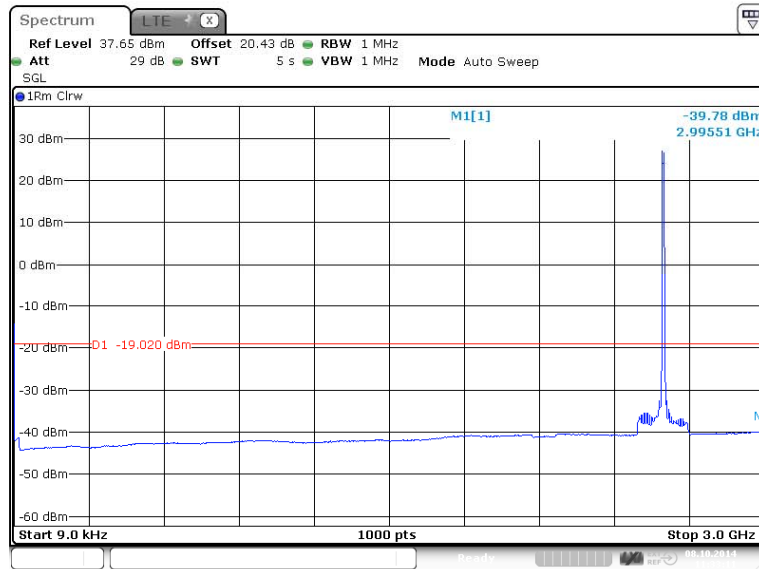
FCC ID:
VBNFWHD-01

Test Report No:
D522886124



Date: 10.OCT.2014 13:38:47

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



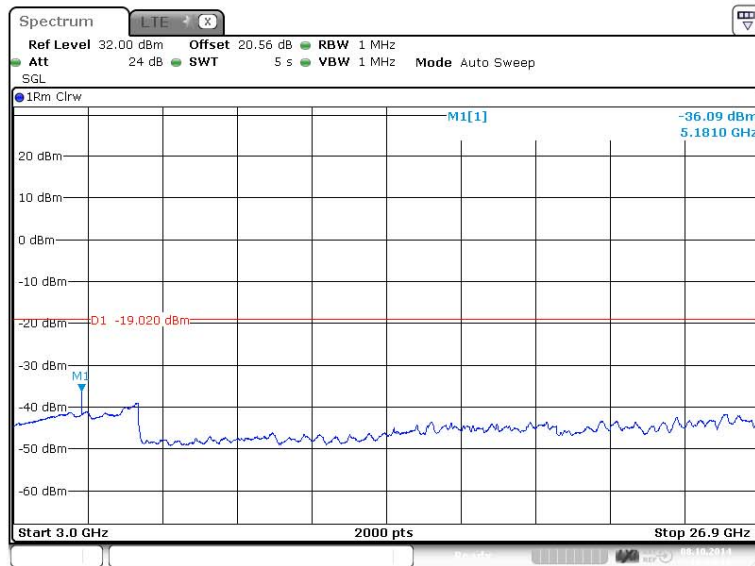
Date: 8.OCT.2014 11:33:11

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



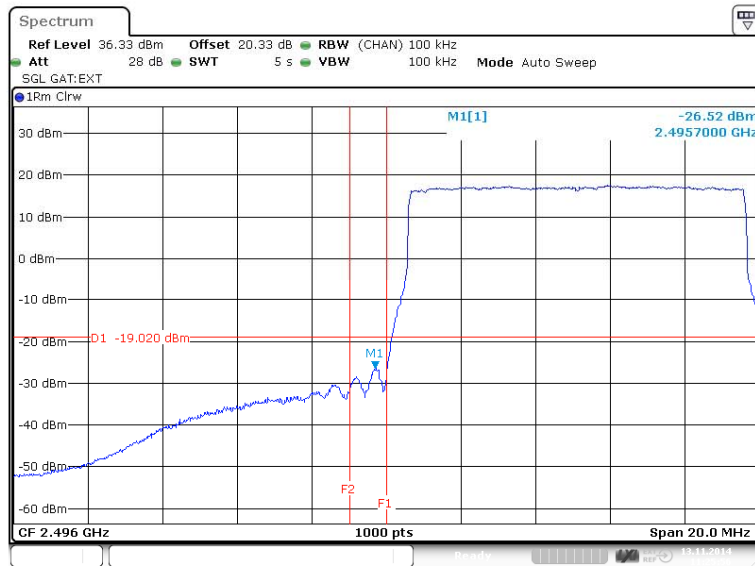
FCC ID:
VBNFWHD-01

Test Report No:
D522886124



Date: 8.OCT.2014 11:34:13

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



Date: 13.NOV.2014 11:25:56

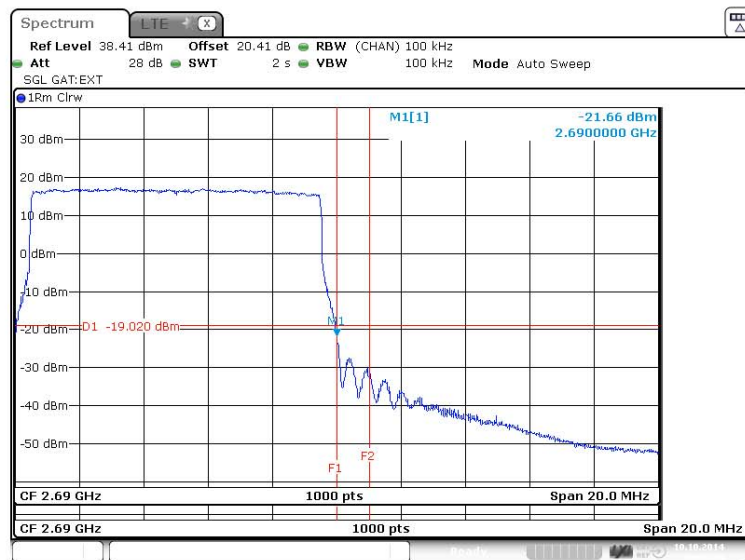
Figure 67 Spurious Emissions (Lower Band Edge) – 64QAM (2501.1 MHz) (10MHz Channel BW)



Product Service

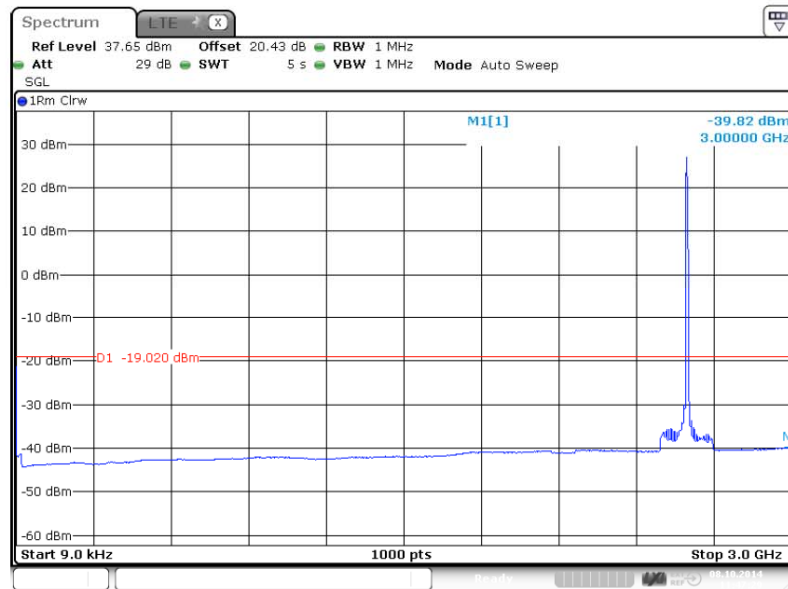
FCC ID:
VBNFWHD-01

Test Report No:
D522886124



Date: 10.OCT.2014 13:41:58

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



Date: 8.OCT.2014 11:47:30

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

FCC Part 27

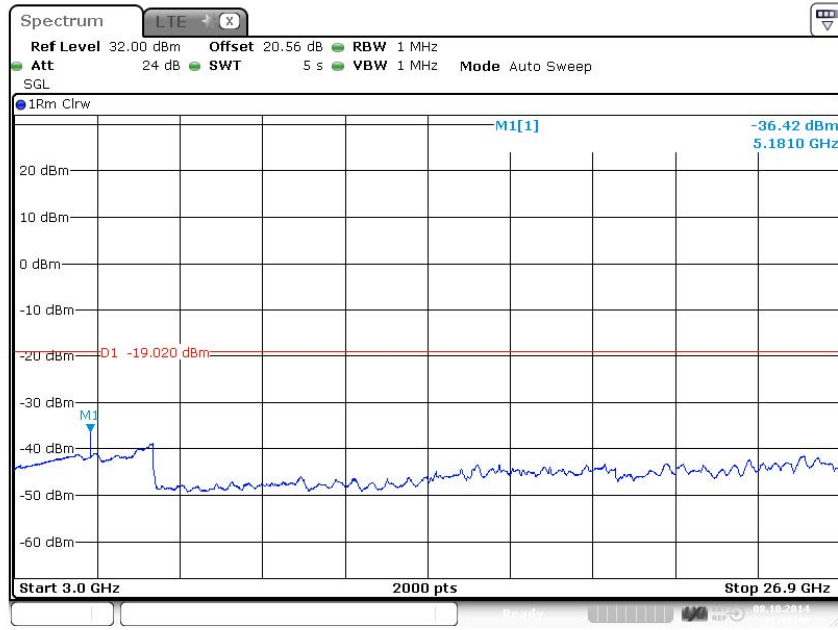
11, November 2014
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Product Service

FCC ID:
VBNFWHD-01

Test Report No:
D522886124



Date: 8.OCT.2014 11:48:40

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

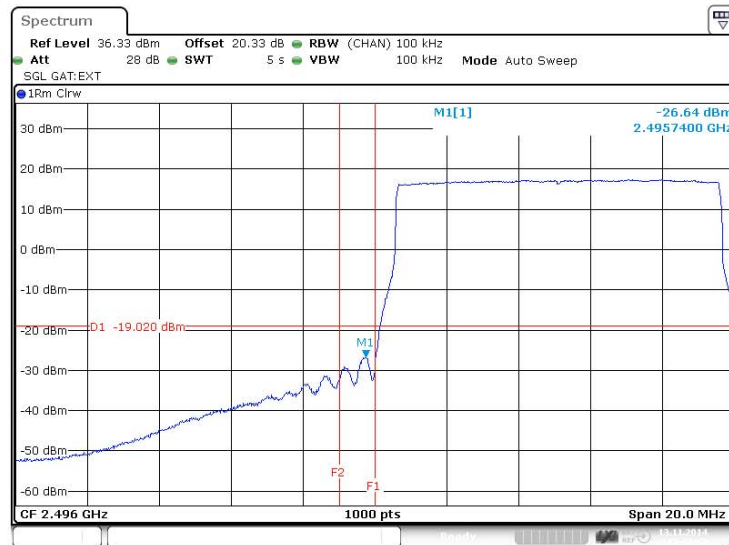


Product Service

FCC ID:
VBNFWHD-01

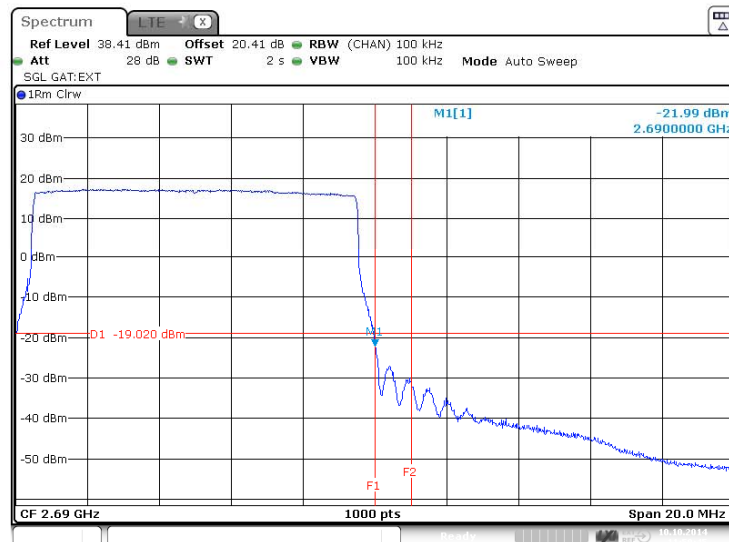
Test Report No:
D522886124

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)



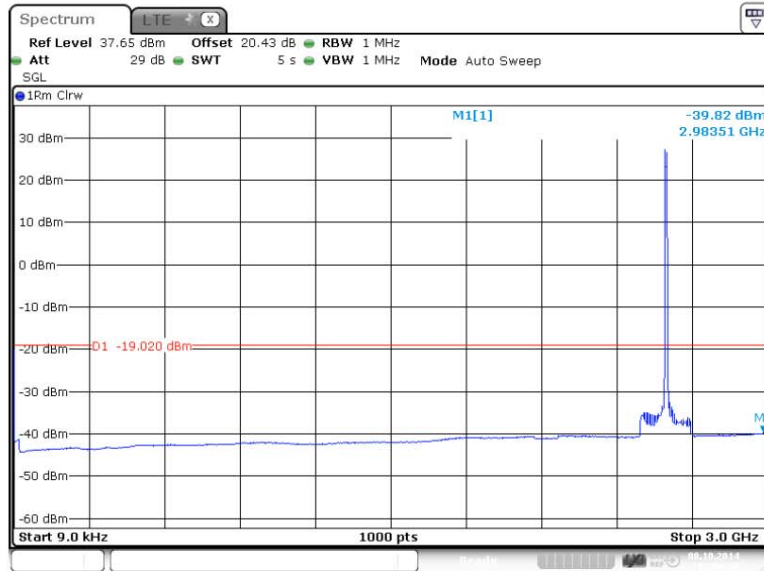
Date: 10.OCT.2014 11:59:45

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



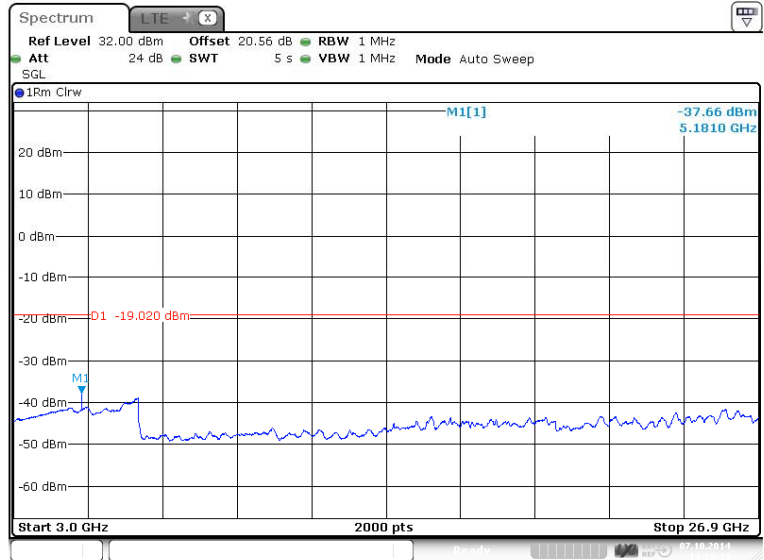
FCC ID:
VBNFWHD-01

Test Report No:
D522886124



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

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



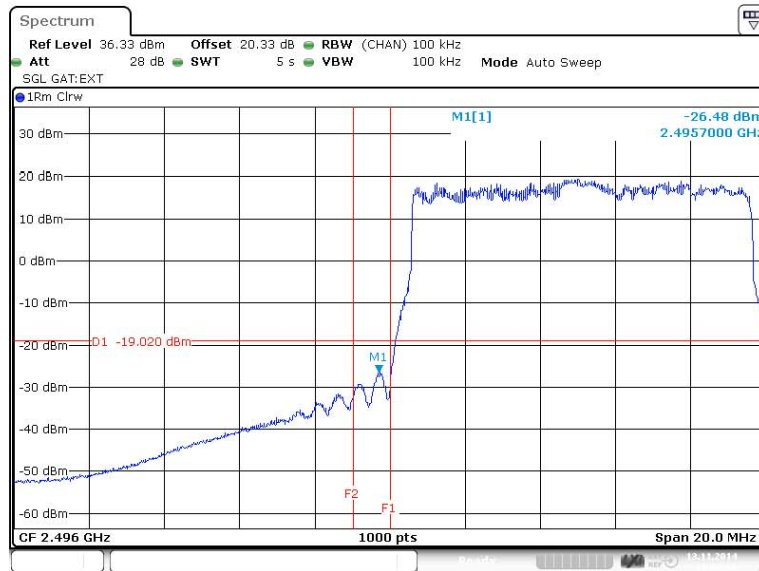
Date: 7.OCT.2014 14:19:14

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



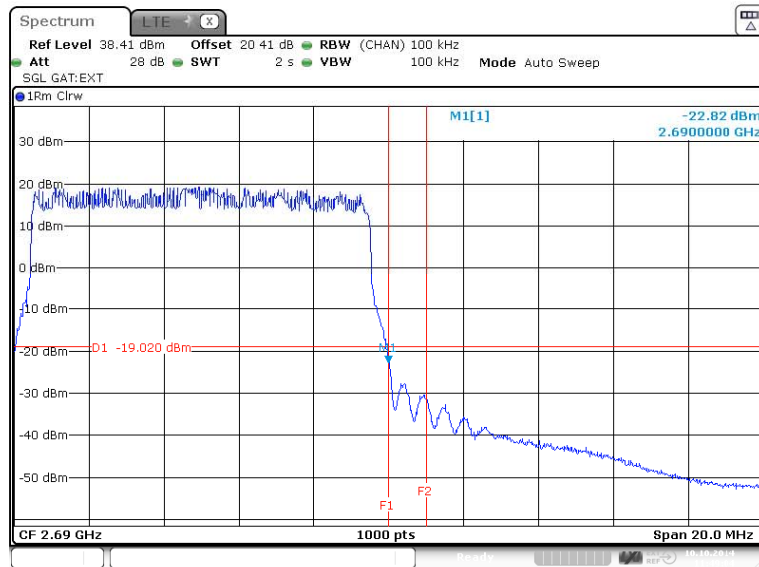
FCC ID:
VBNFWHD-01

Test Report No:
D5228861 24



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

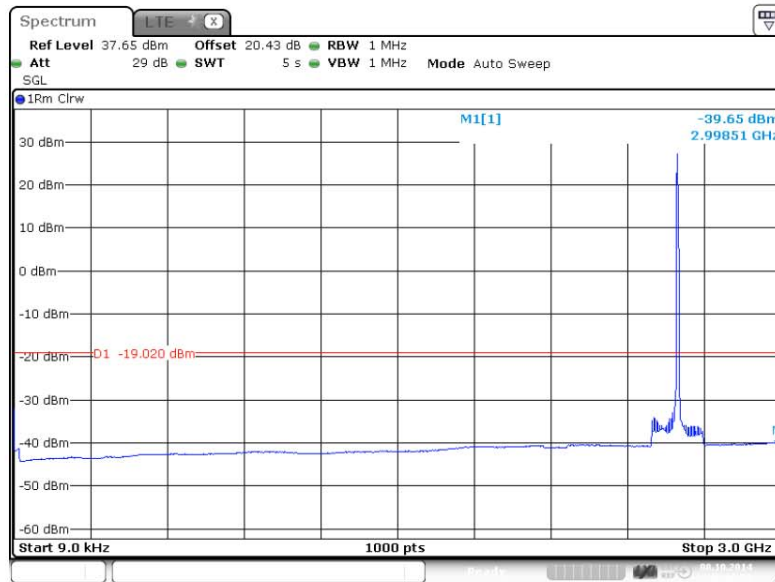
Figure 76 Spurious Emissions (Upper Band Edge) – 16QAM (2685.0 MHz) (10MHz Channel BW)



Product Service

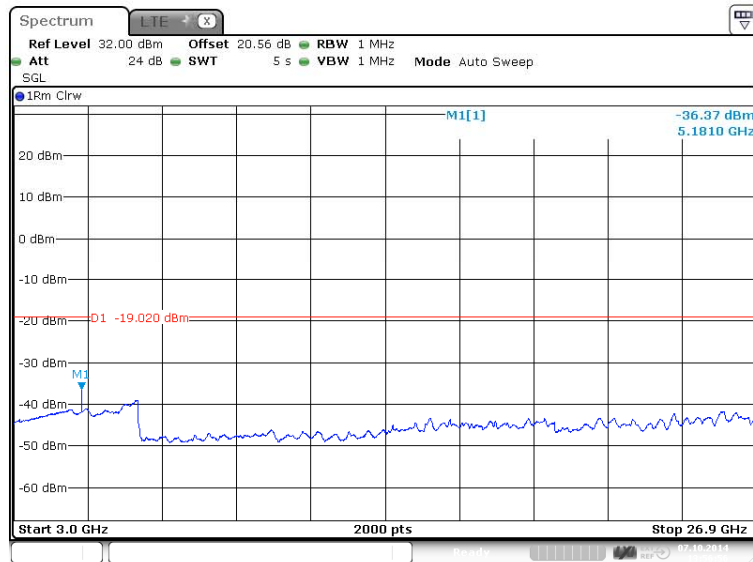
FCC ID:
VBNFWHD-01

Test Report No:
D522886124



Date: 8.OCT.2014 12:16:28

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



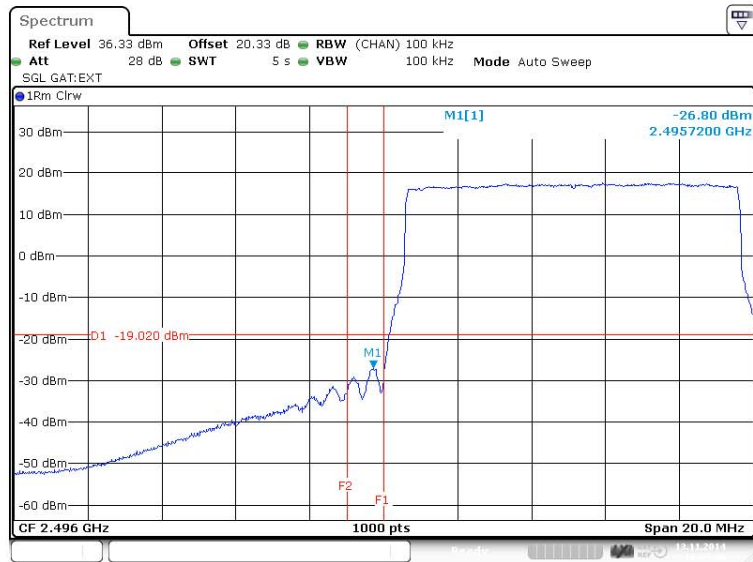
Date: 7.OCT.2014 13:56:56

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



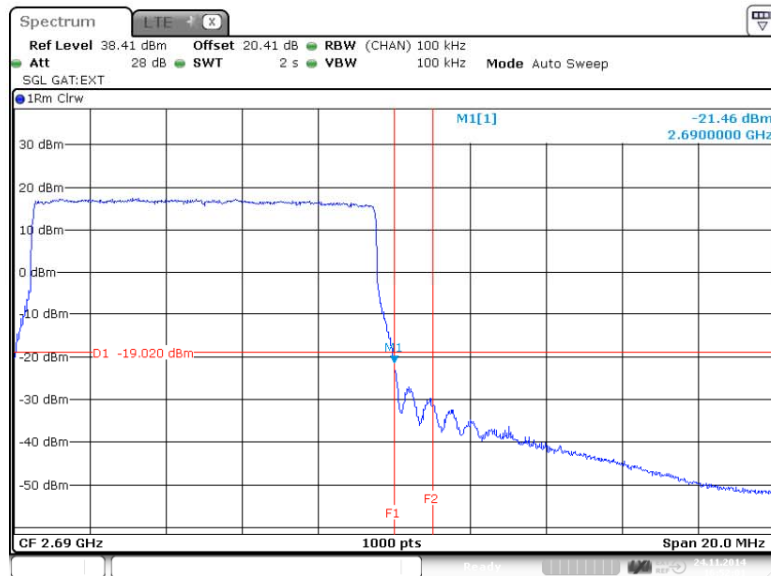
FCC ID:
VBNFWHD-01

Test Report No:
D522886124



Date: 13.NOV.2014 13:57:40

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



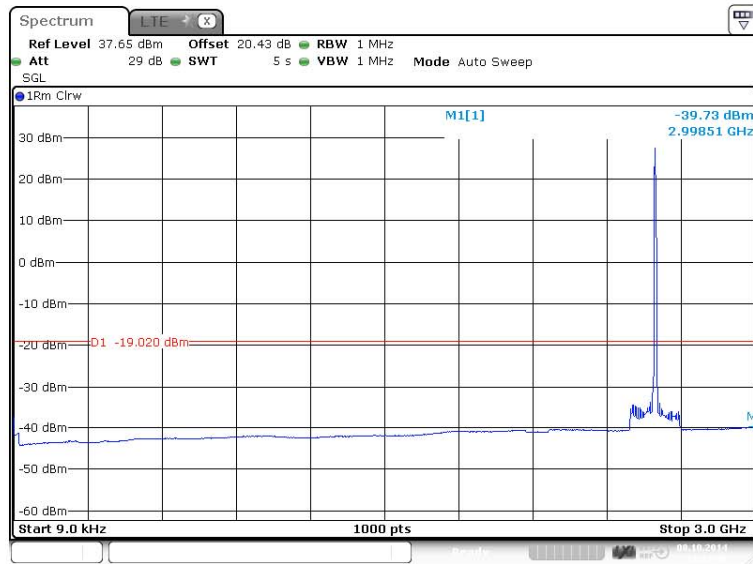
Date: 24.NOV.2014 16:52:01

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



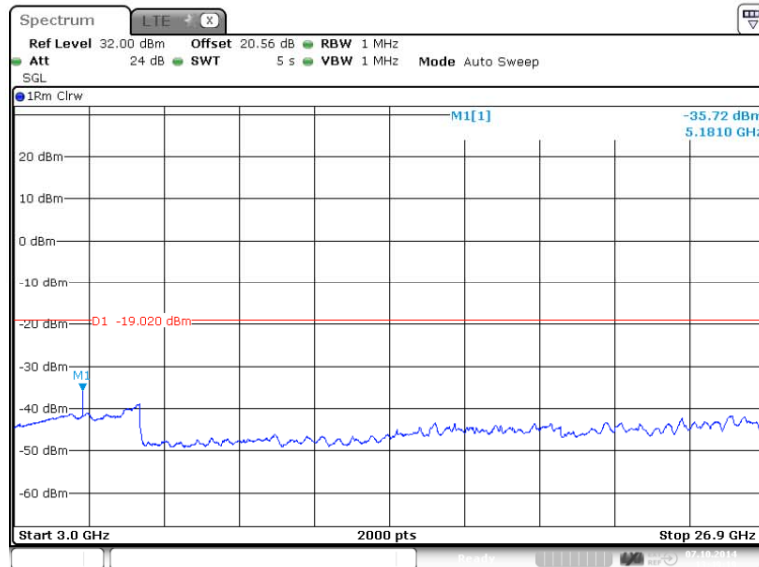
FCC ID:
VBNFWHD-01

Test Report No:
D522886124



Date: 8.OCT.2014 12:13:42

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



Date: 7.OCT.2014 13:49:19

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

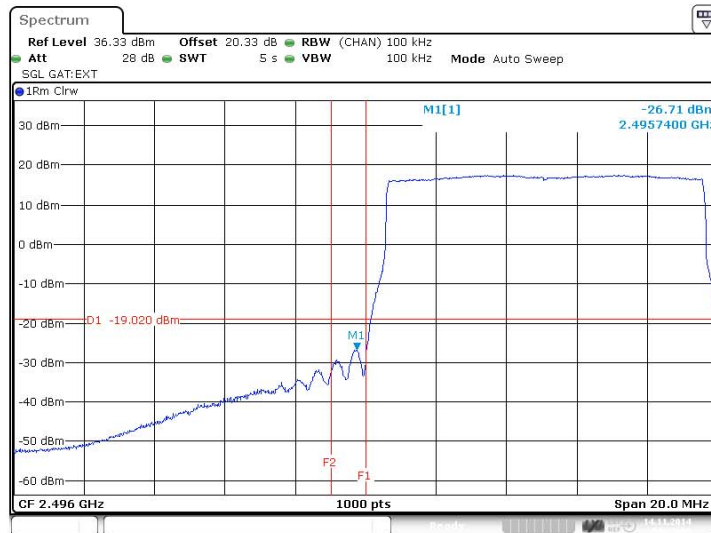


Product Service

FCC ID:
VBNFWHD-01

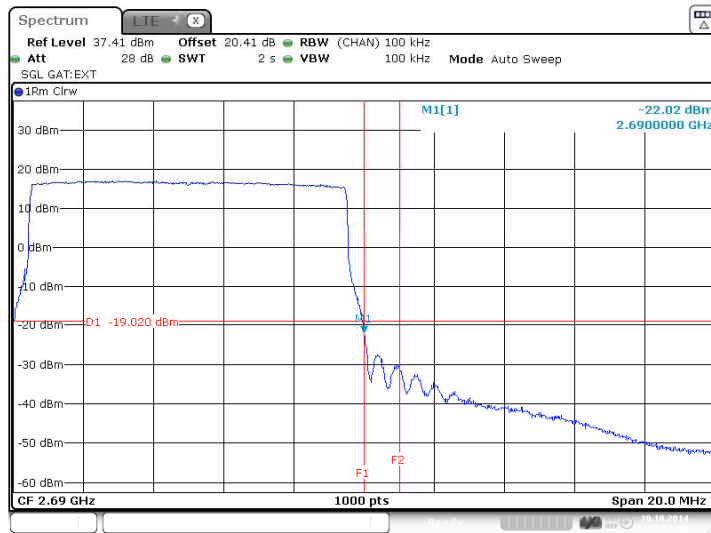
Test Report No:
D522886124

Config A ANT2/Div:



Date: 14.NOV.2014 08:23:04

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



Date: 10.OCT.2014 08:59:18

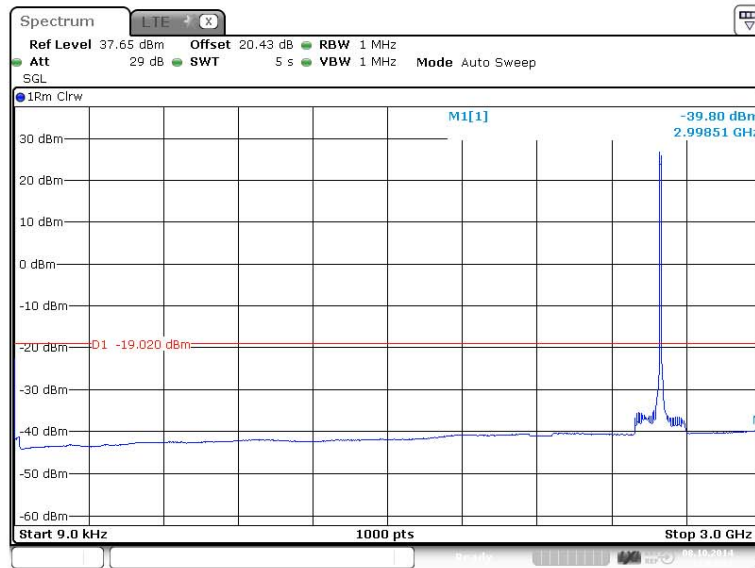
**Figure 84 Spurious Emissions (Upper Band Edge) – QPSK (2685.0 MHz)
(10MHz Channel BW)**



Product Service

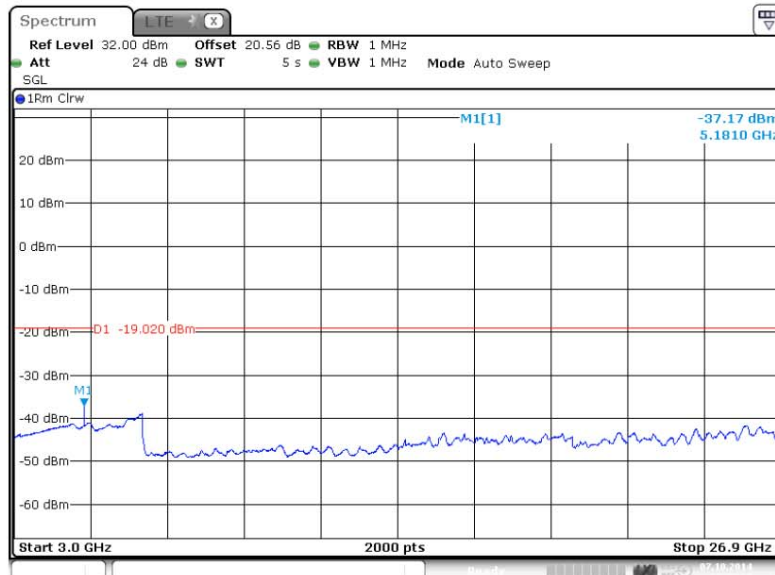
FCC ID:
VBNFWHD-01

Test Report No:
D522886124



Date: 8.OCT.2014 12:01:22

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



Date: 7.OCT.2014 11:44:20

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

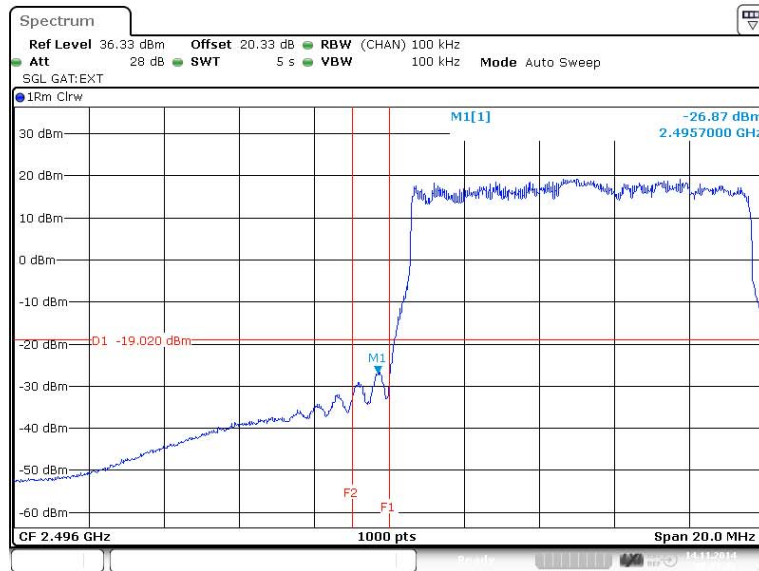
FCC Part 27

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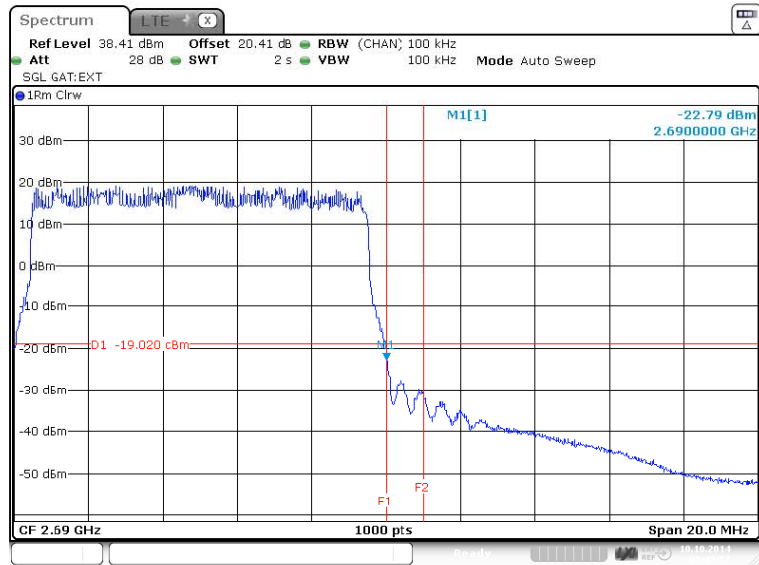
FCC ID:
VBNFWHD-01

Test Report No:
D522886124



Date: 14.NOV.2014 08:39:32

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



Date: 10.OCT.2014 09:43:57

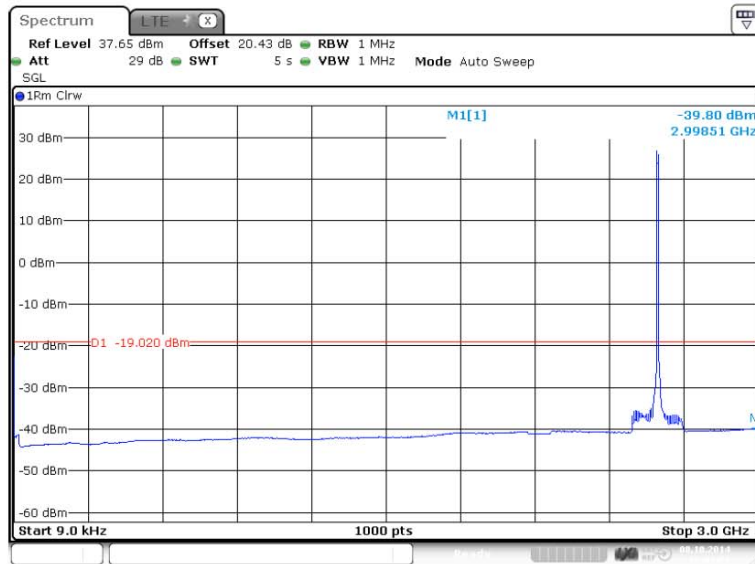
Figure 88 Spurious Emissions (Upper Band Edge) – 16QAM (2685.0 MHz) (10MHz Channel BW)



Product Service

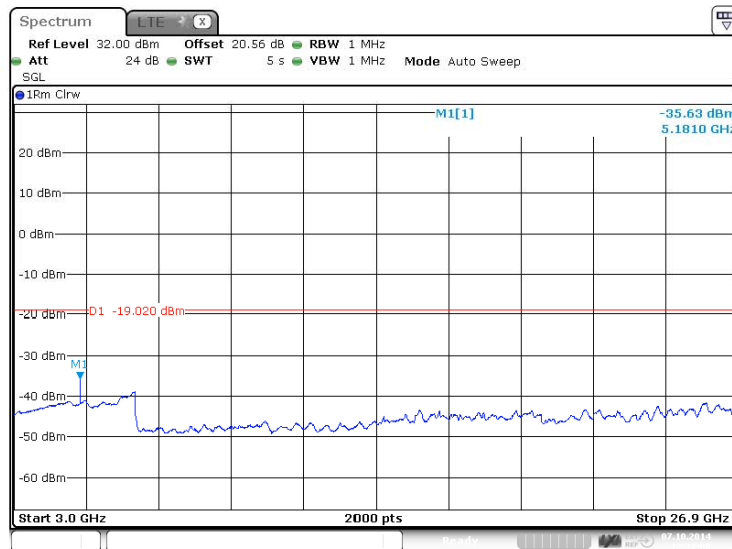
FCC ID:
VBNFWHD-01

Test Report No:
D522886124



Date: 8.OCT.2014 12:01:22

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



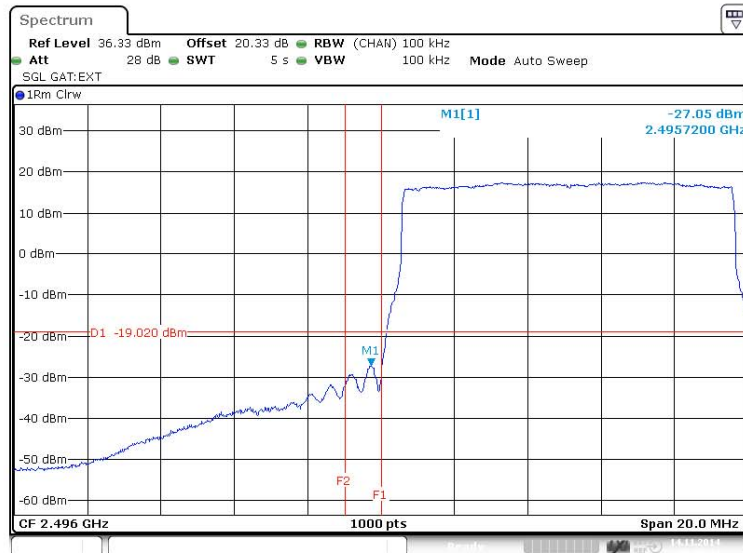
Date: 7.OCT.2014 12:27:08

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



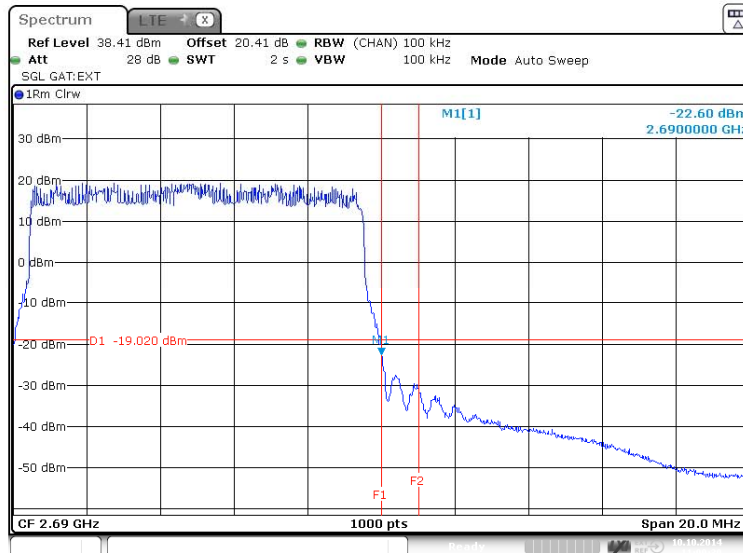
FCC ID:
VBNFWHD-01

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

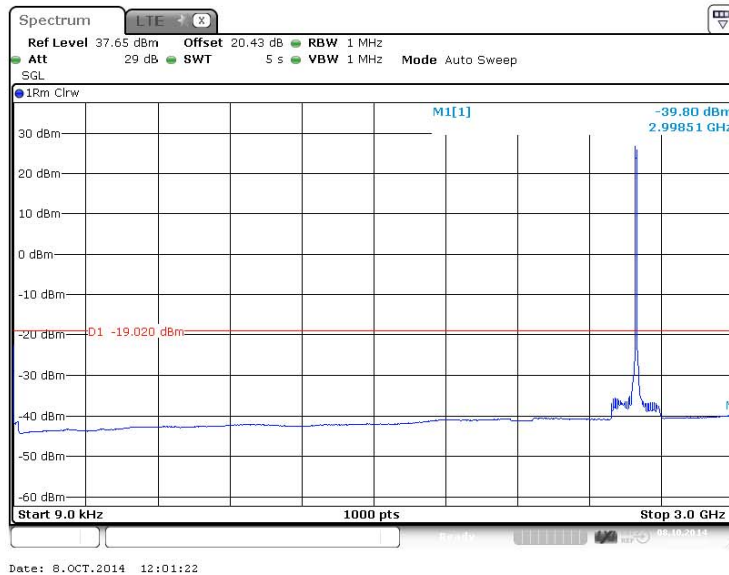


Figure 93 Spurious Emissions (9kHz – 3GHz) – 64QAM (2593.0 MHz) (10MHz Channel BW)

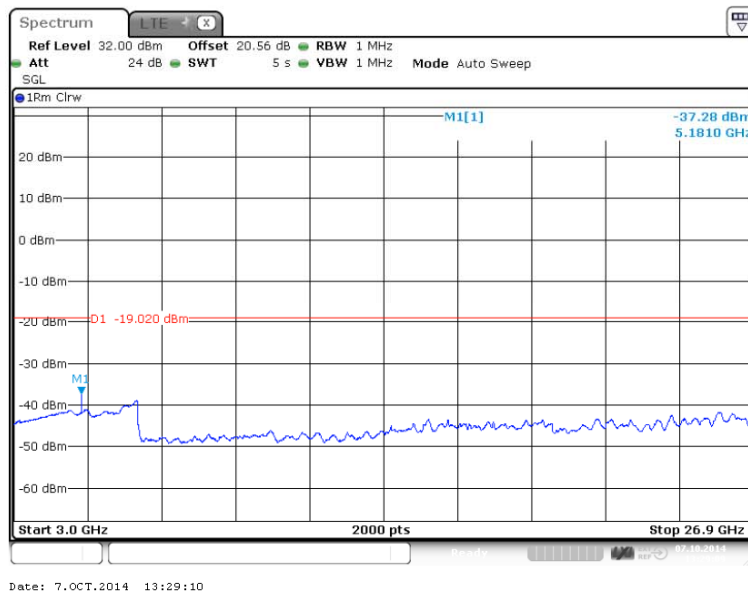


Figure 94 Spurious Emissions (3GHz – 26.900GHz) – 64QAM (2593.0 MHz) (10MHz Channel BW)



FCC ID:
VBNFWHD-01

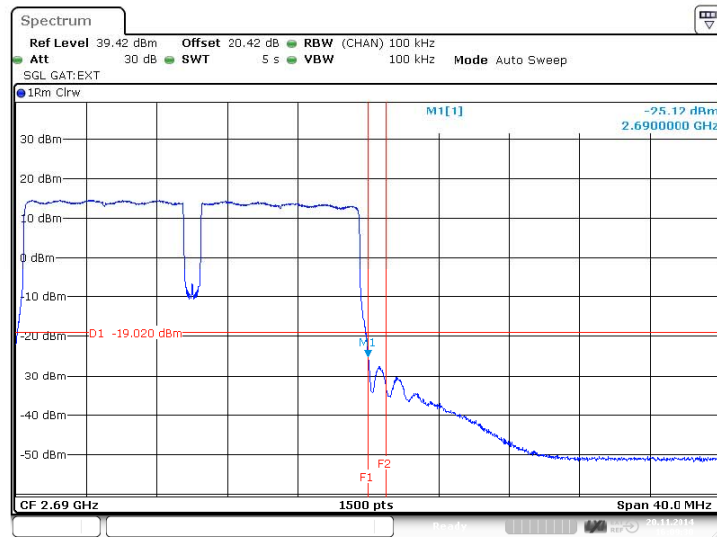
Test Report No:
D522886124

Config B ANT2/Main:



Date: 19.NOV.2014 06:38:56

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



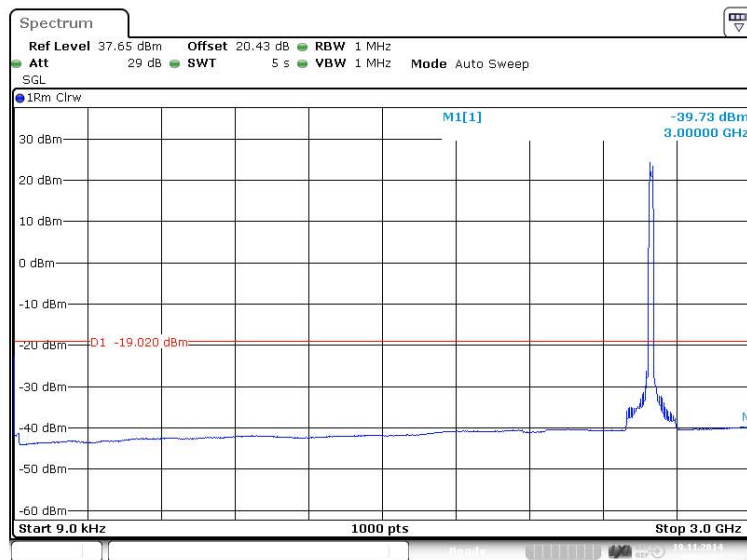
Date: 20.NOV.2014 16:09:30

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



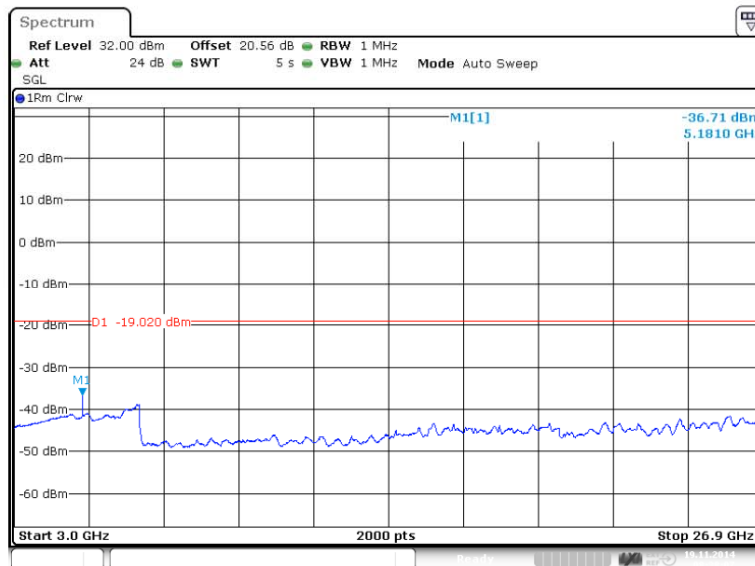
FCC ID:
VBNFWHD-01

Test Report No:
D522886124



Date: 19.NOV.2014 08:36:52

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



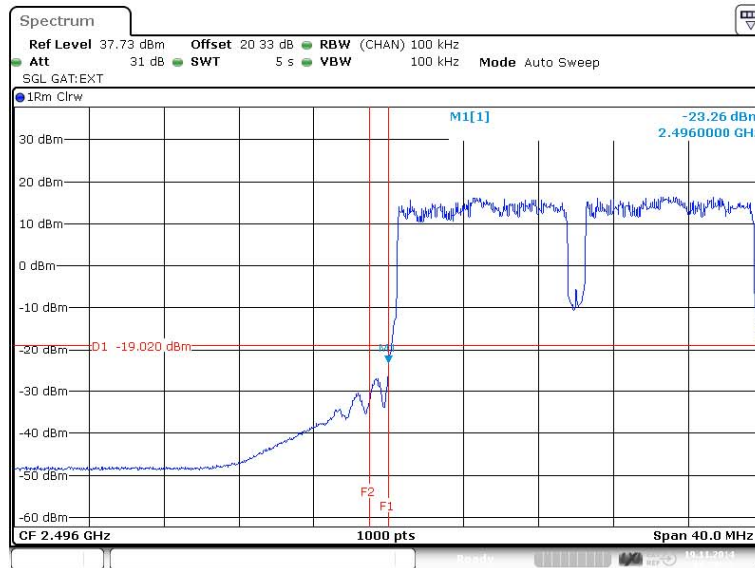
Date: 19.NOV.2014 08:38:08

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



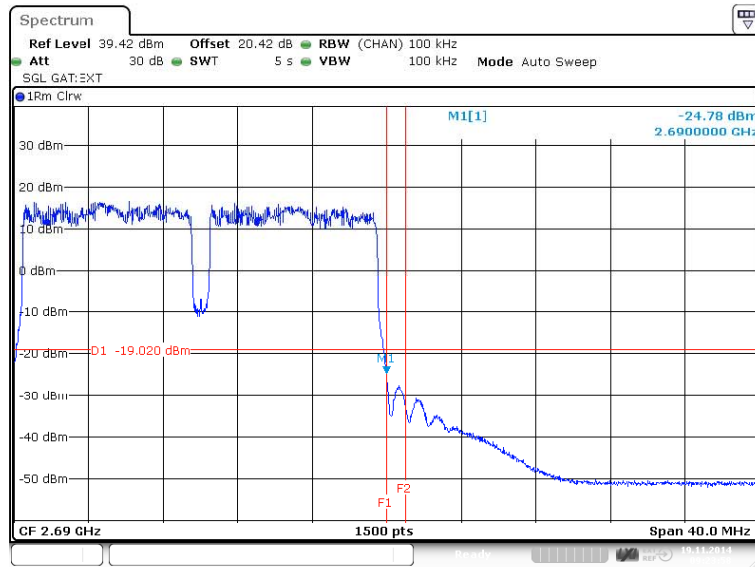
FCC ID:
VBNFWHD-01

Test Report No:
D522886124



Date: 19.NOV.2014 06:50:13

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



Date: 19.NOV.2014 09:23:58

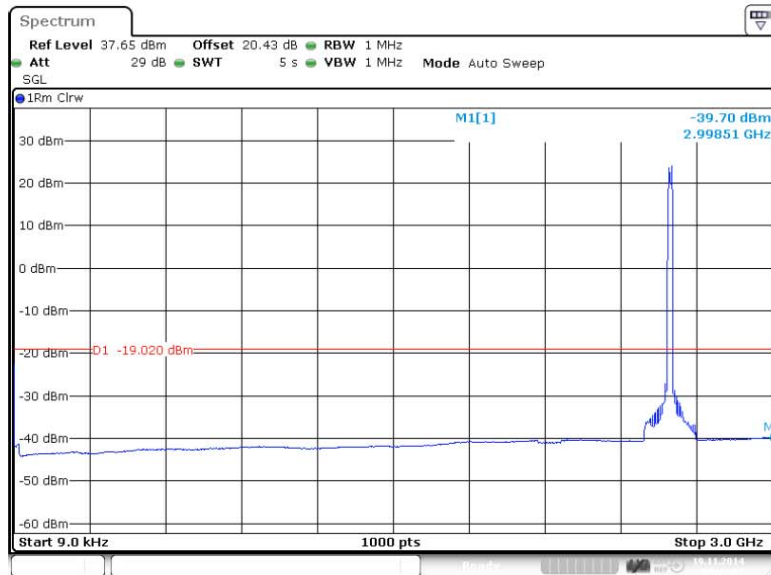
Figure 100 Spurious Emissions (Upper Band Edge) – 16QAM (2675.0/2685.0 MHz) (10MHz Channel BW)



Product Service

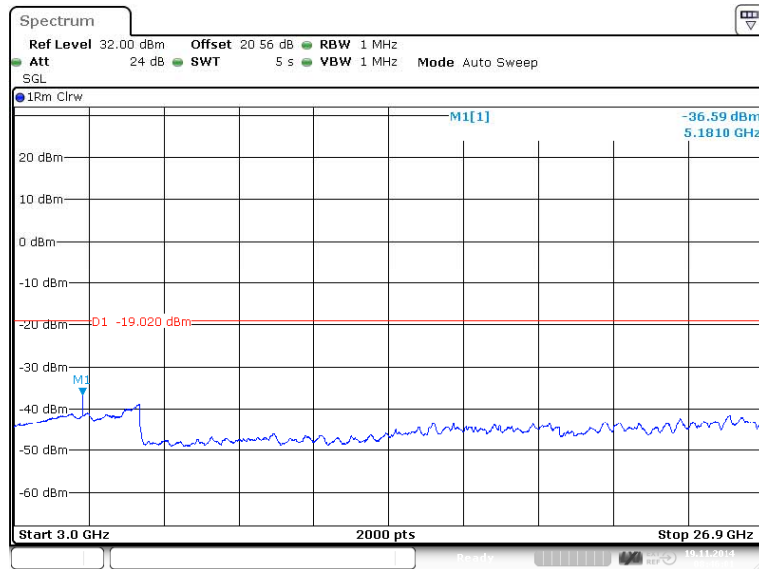
FCC ID:
VBNFWHD-01

Test Report No:
D522886124



Date: 19.NOV.2014 08:44:57

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



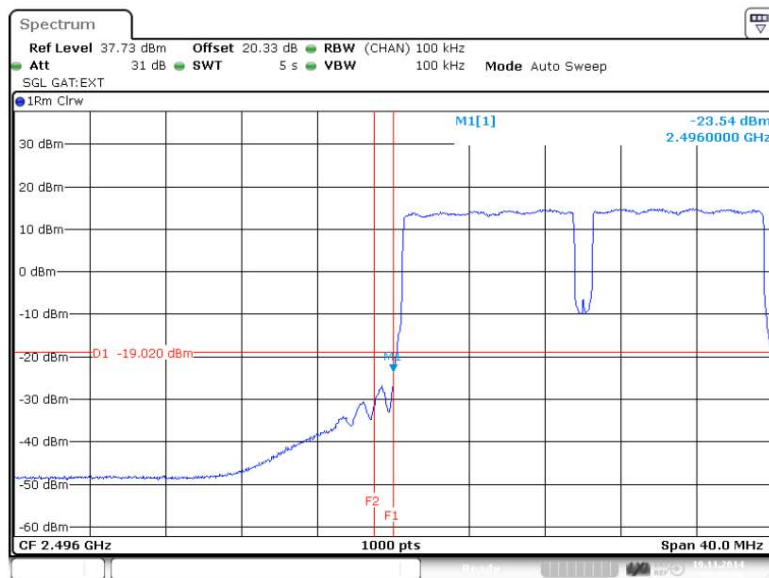
Date: 19.NOV.2014 08:46:01

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



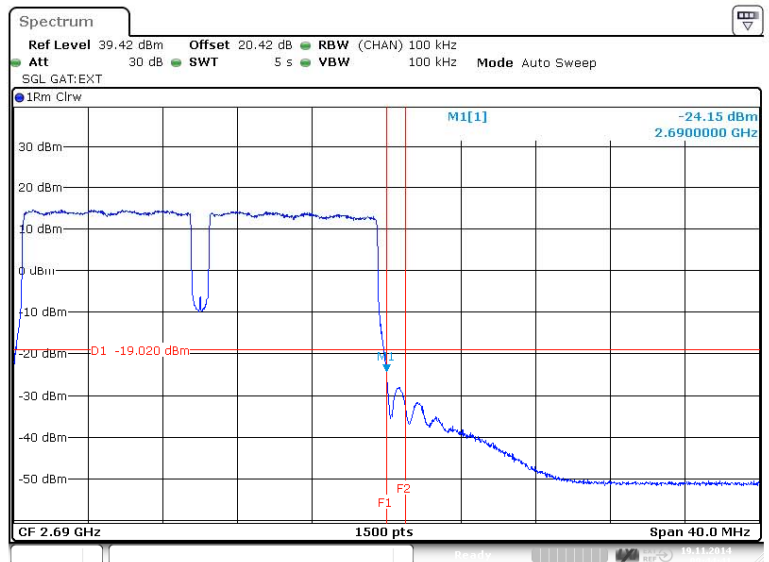
FCC ID:
VBNFWHD-01

Test Report No:
D522886124



Date: 19.NOV.2014 07:00:06

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



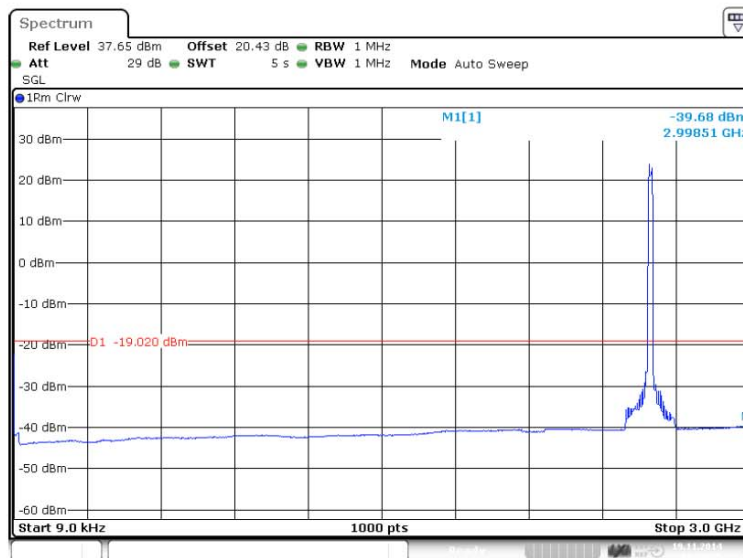
Date: 19.NOV.2014 09:44:42

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



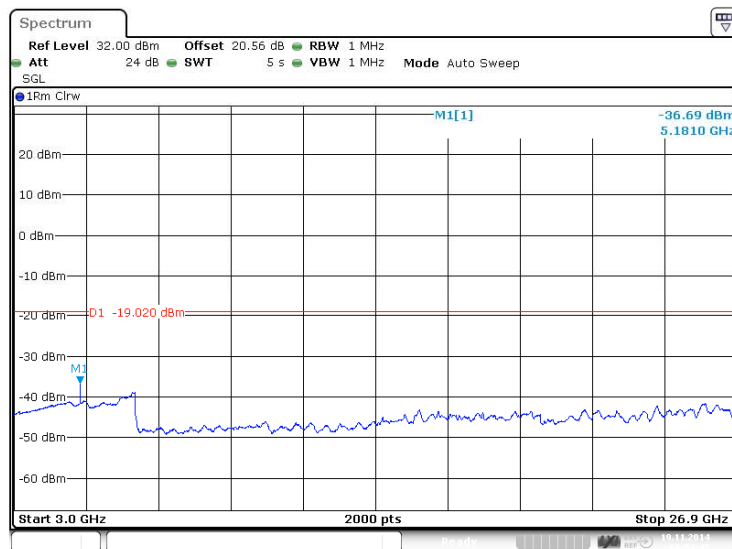
FCC ID:
VBNFWHD-01

Test Report No:
D522886124



Date: 19.NOV.2014 08:53:56

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



Date: 19.NOV.2014 08:54:45

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

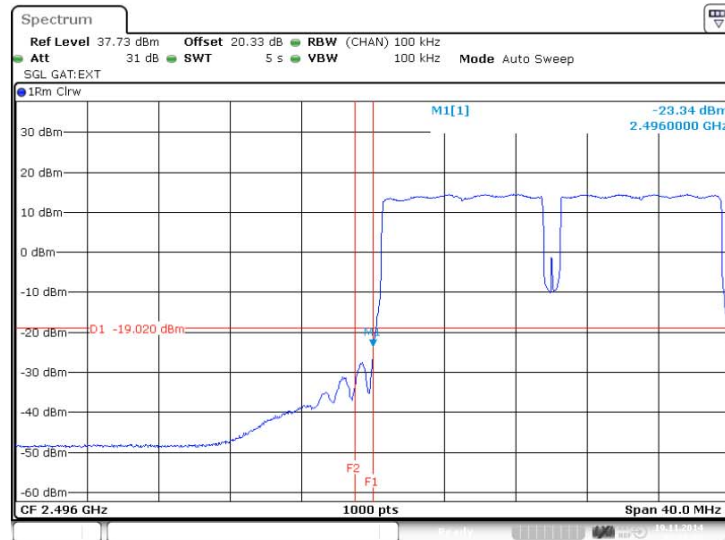


Product Service

FCC ID:
VBNFWHD-01

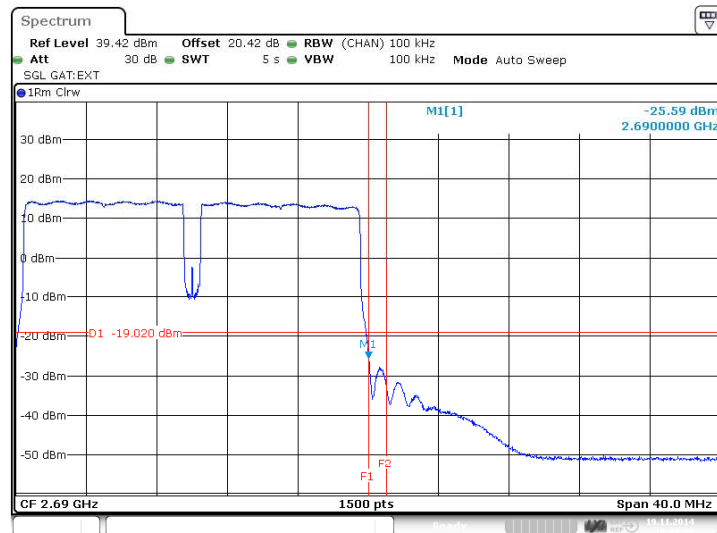
Test Report No:
D522886124

Config B ANT2/Div:



Date: 19.NOV.2014 07:11:36

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



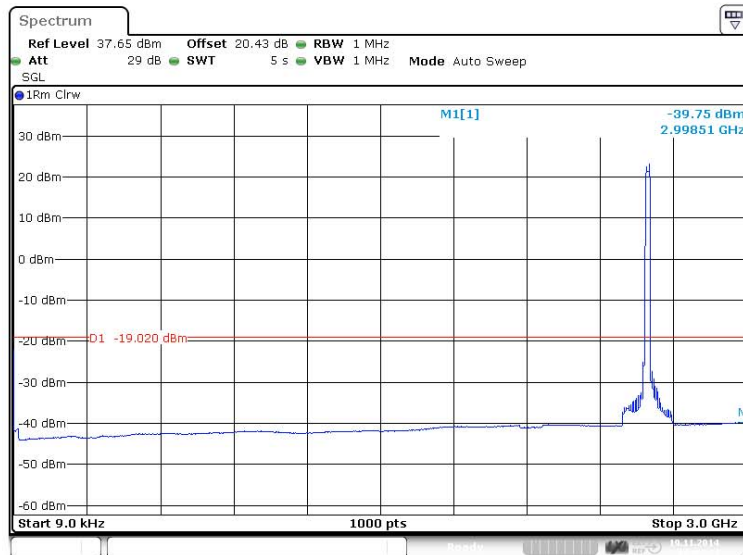
Date: 19.NOV.2014 10:47:58

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



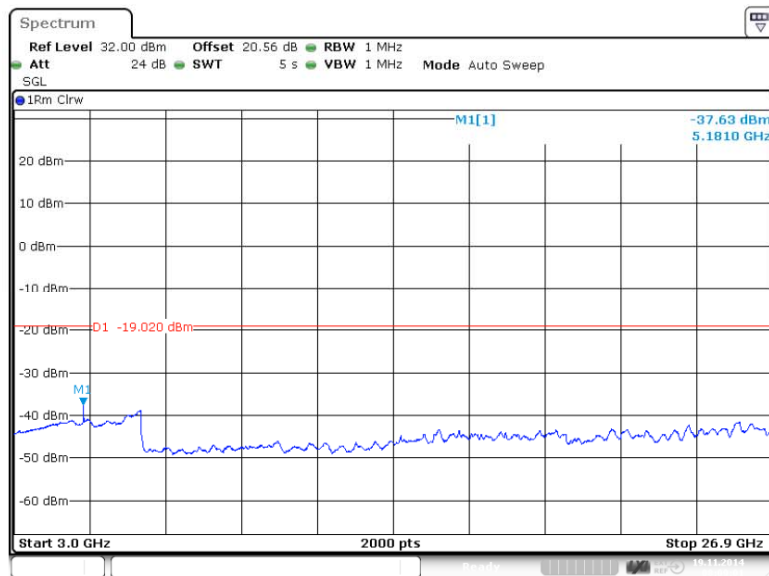
FCC ID:
VBNFWHD-01

Test Report No:
D522886124



Date: 19.NOV.2014 08:07:34

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



Date: 19.NOV.2014 08:09:01

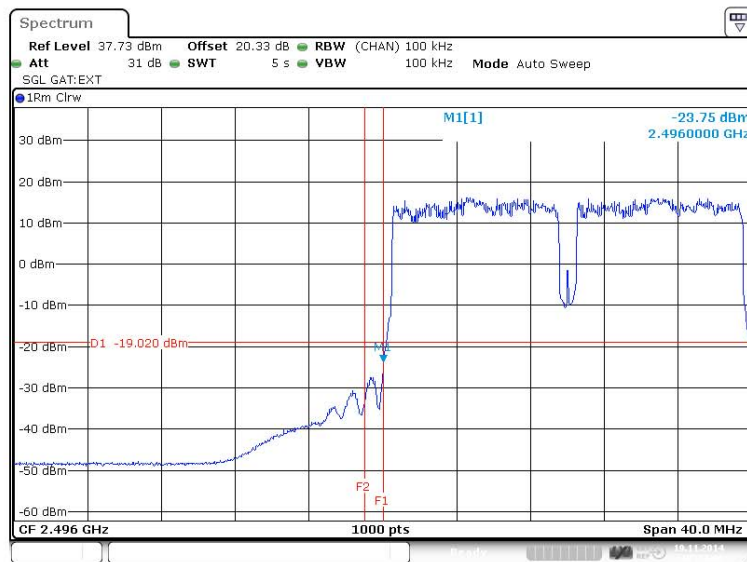
Figure 110 Spurious Emissions (3GHz – 26.900GHz) – QPSK (2583.0/2603.0 MHz) (10MHz Channel BW)



Product Service

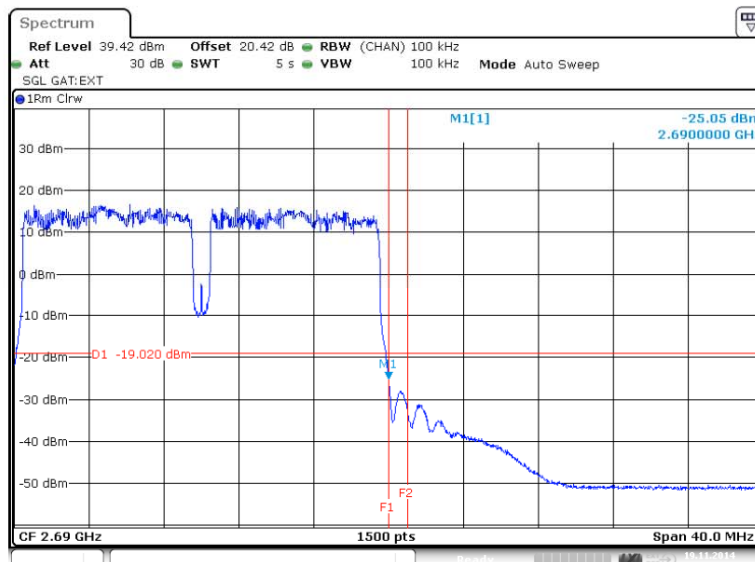
FCC ID:
VBNFWHD-01

Test Report No:
D522886124



Date: 19.NOV.2014 07:21:05

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



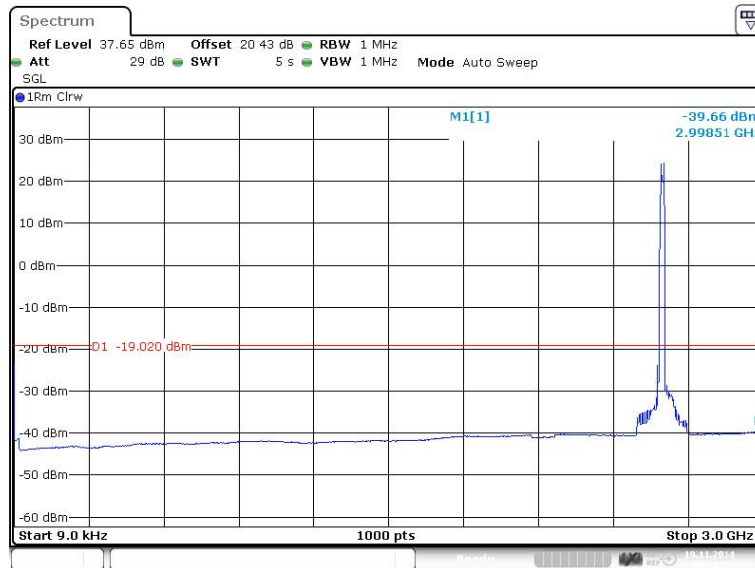
Date: 19.NOV.2014 10:57:23

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



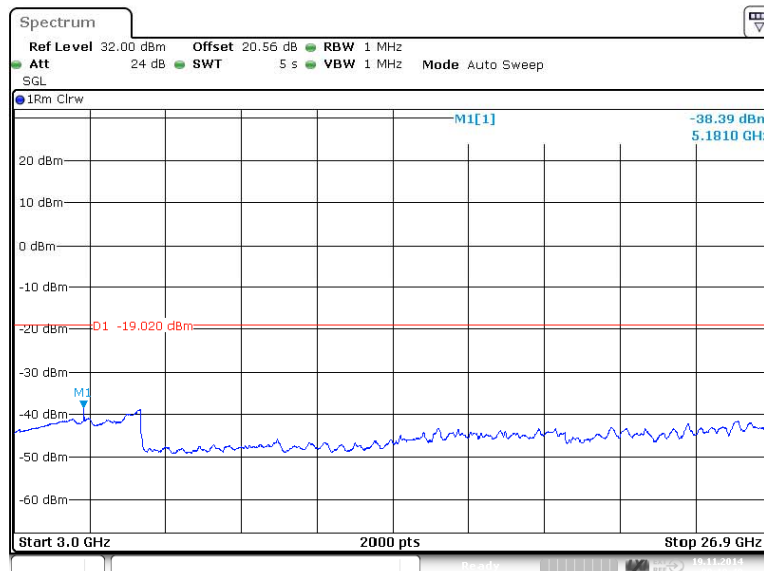
FCC ID:
VBNFWHD-01

Test Report No:
D522886124



Date: 19.NOV.2014 08:16:50

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



Date: 19.NOV.2014 08:18:40

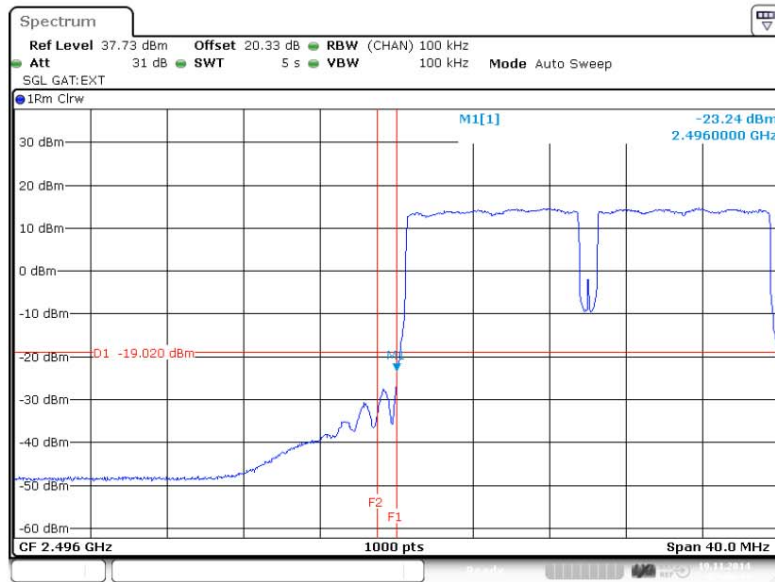
Figure 114 Spurious Emissions (3GHz – 26.900GHz) – 16QAM (2583.0/2603.0 MHz) (10MHz Channel BW)



Product Service

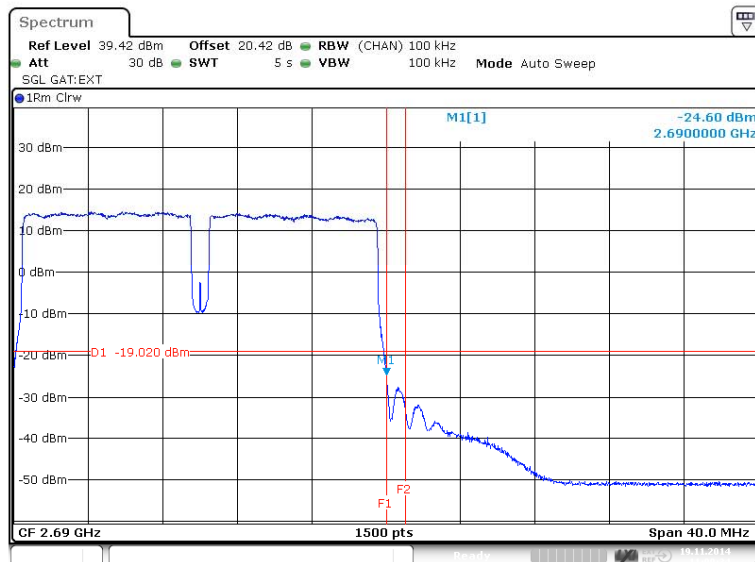
FCC ID:
VBNFWHD-01

Test Report No:
D522886124



Date: 19.NOV.2014 07:30:43

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



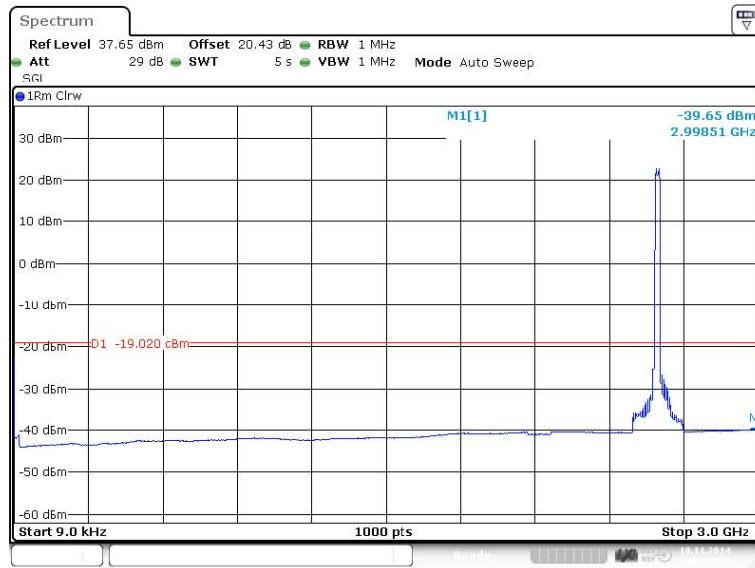
Date: 19.NOV.2014 11:09:34

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



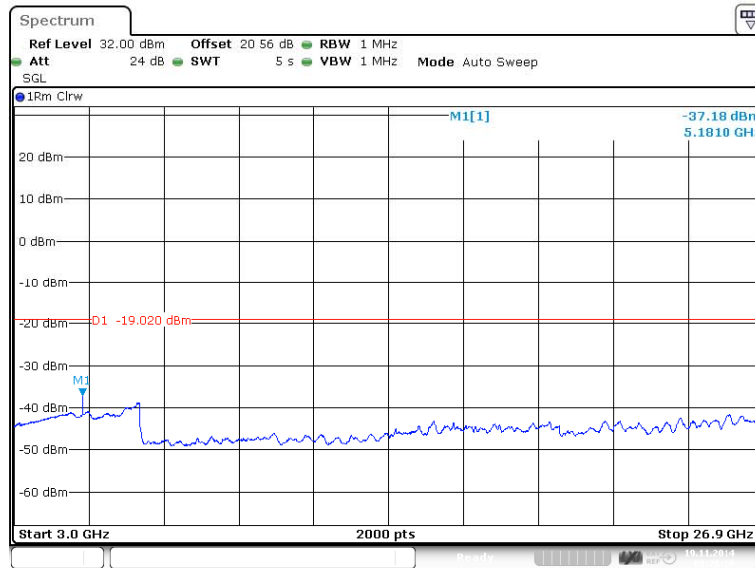
FCC ID:
VBNFWHD-01

Test Report No:
D522886124



Date: 19.NOV.2014 08:25:23

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



Date: 19.NOV.2014 08:26:09

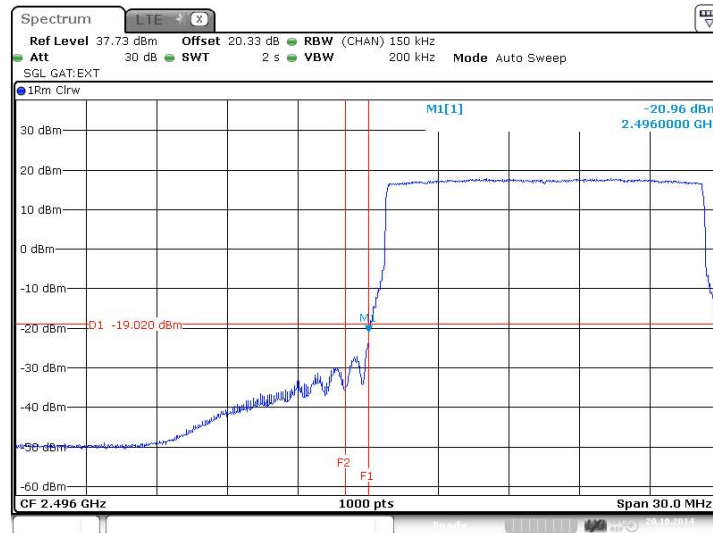
Figure 118 Spurious Emissions (3GHz – 26.900GHz) – 64QAM (2583.0/2603.0 MHz) (10MHz Channel BW)



FCC ID:
VBNFWHD-01

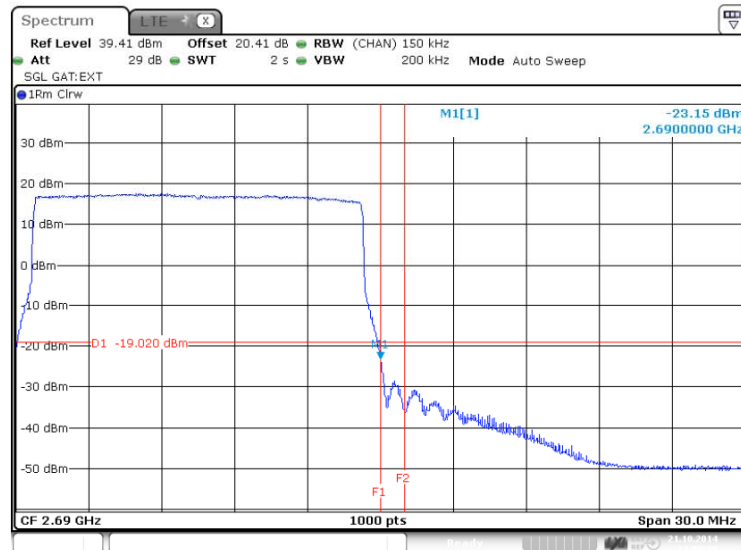
Test Report No:
D522886124

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

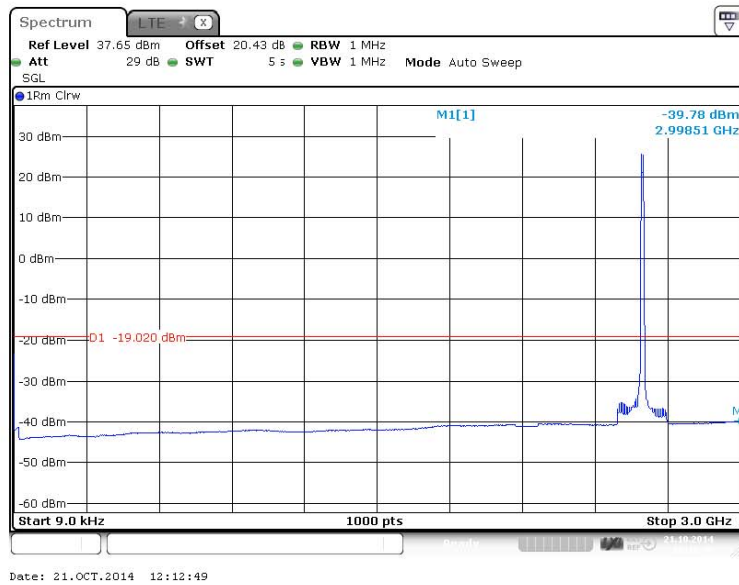


Figure 121 Spurious Emissions (9kHz – 3GHz) - QPSK (2593.0 MHz) (15MHz Channel BW)

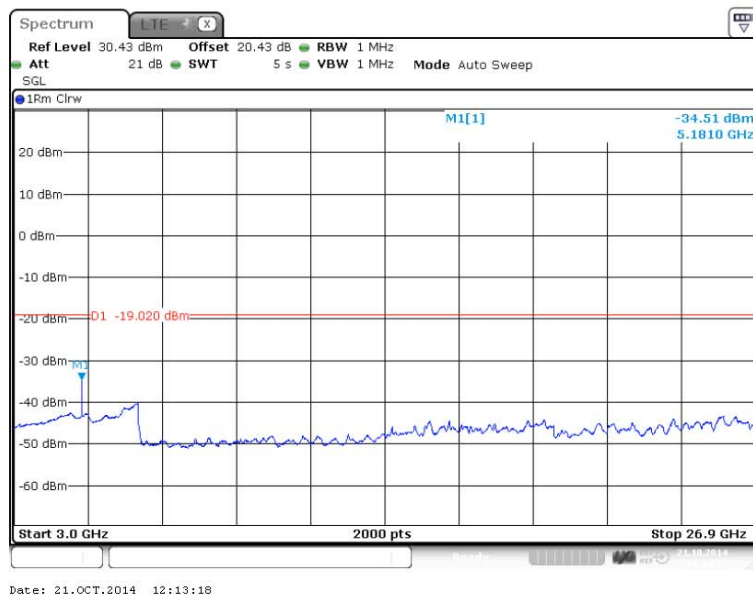
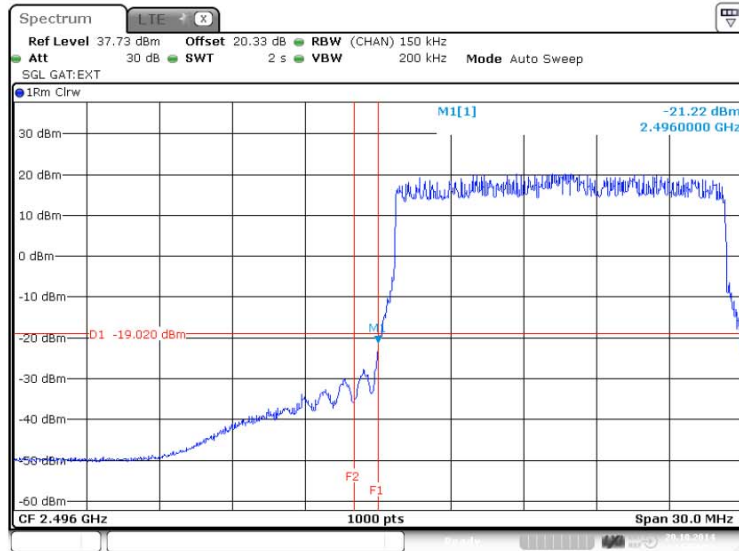


Figure 122 Spurious Emissions (3GHz – 26.900GHz) – QPSK (2593.0 MHz) (15MHz Channel BW)



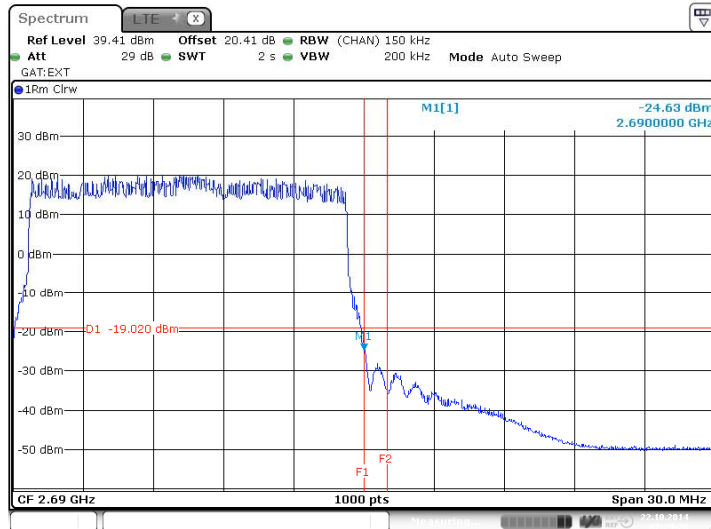
FCC ID:
VBNFWHD-01

Test Report No:
D522886124



Date: 20.OCT.2014 11:56:54

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



Date: 22.OCT.2014 07:29:20

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



Product Service

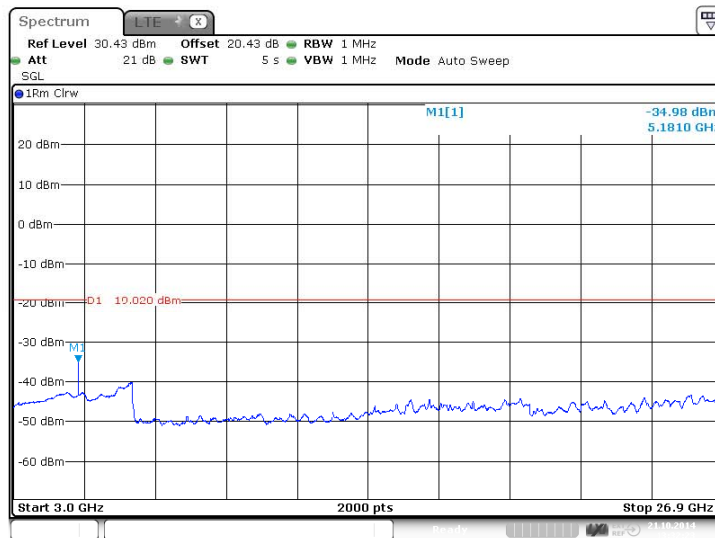
FCC ID:
VBNFWHD-01

Test Report No:
D522886124



Date: 21.OCT.2014 13:28:58

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



Date: 21.OCT.2014 13:32:23

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



FCC ID:
VBNFWHD-01

Test Report No:
D522886124

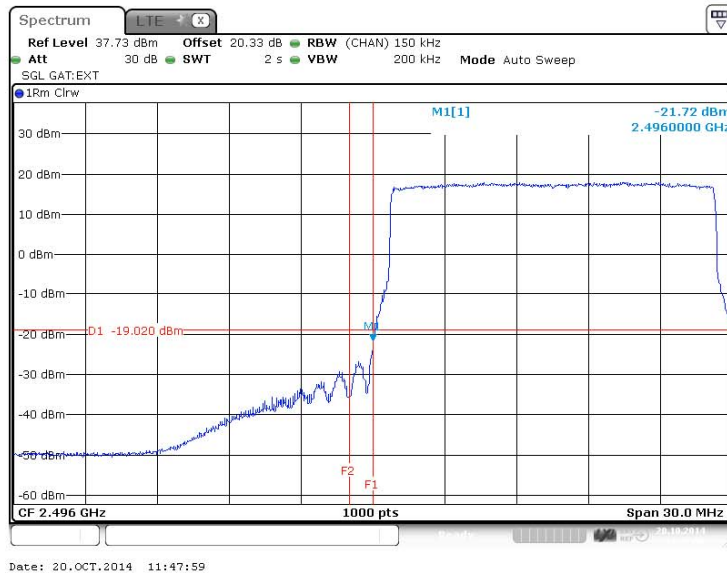


Figure 127 Spurious Emissions (Lower Band Edge) – 64QAM (2503.5 MHz) (15MHz Channel BW)



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



Product Service

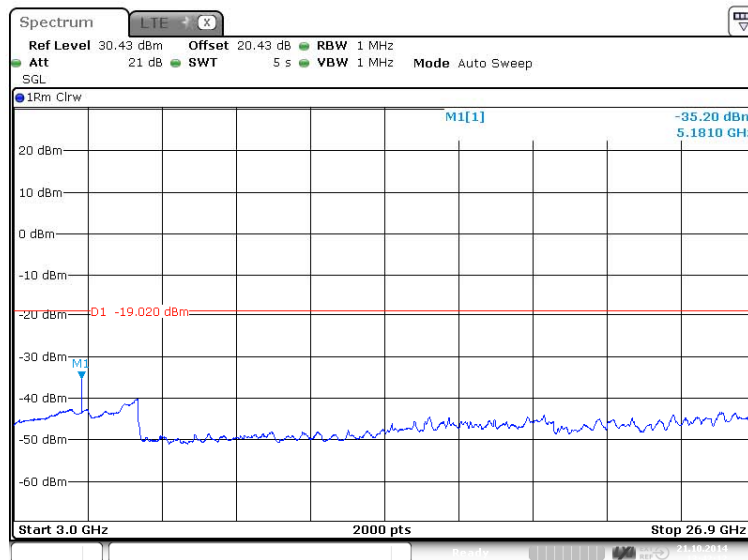
FCC ID:
VBNFWHD-01

Test Report No:
D522886124



Date: 21.OCT.2014 13:41:24

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



Date: 21.OCT.2014 13:42:13

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

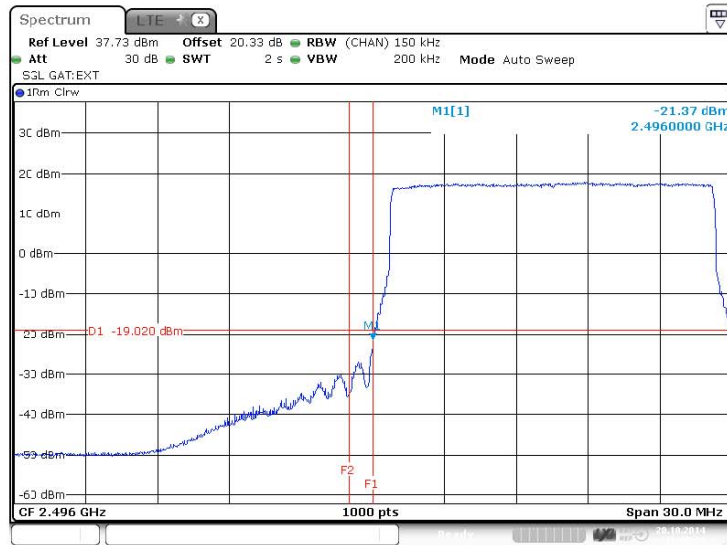


Product Service

FCC ID:
VBNFWHD-01

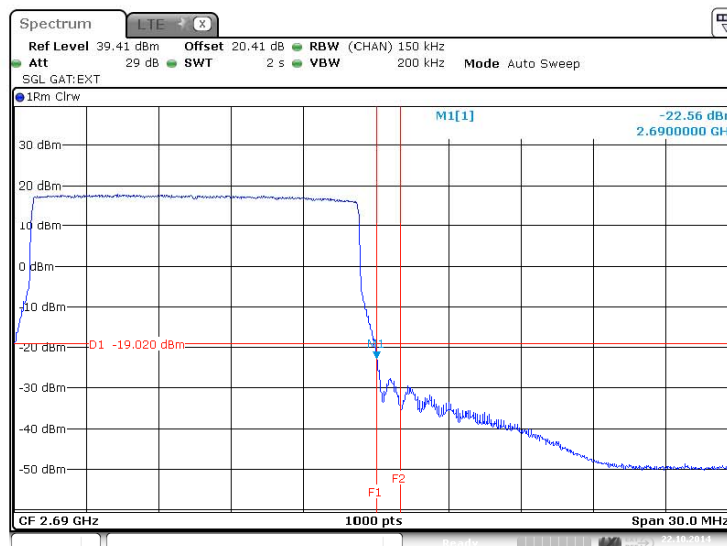
Test Report No:
D522886124

Config C ANT1/Div:



Date: 20.OCT.2014 10:45:24

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



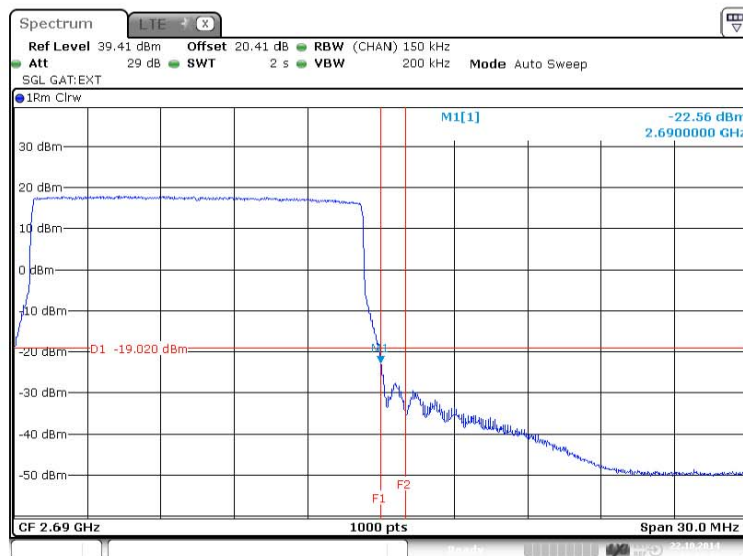
Date: 22.OCT.2014 09:11:44



Product Service

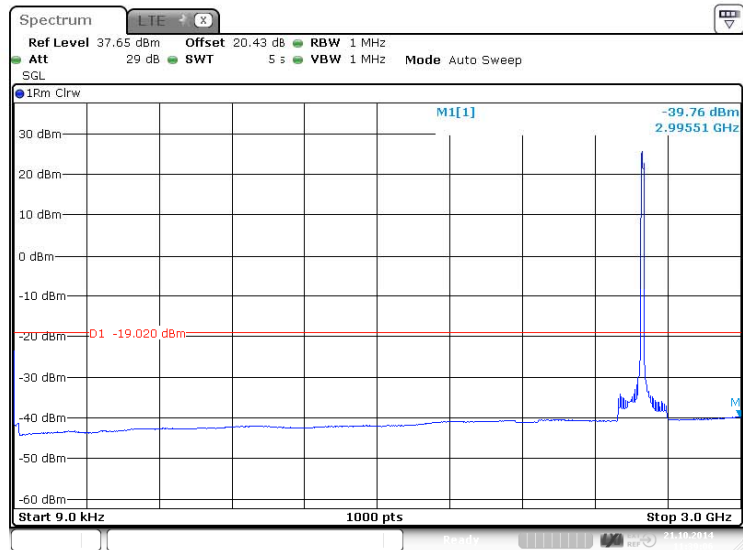
FCC ID:
VBNFWHD-01

Test Report No:
D522886124



Date: 22.OCT.2014 09:11:44

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



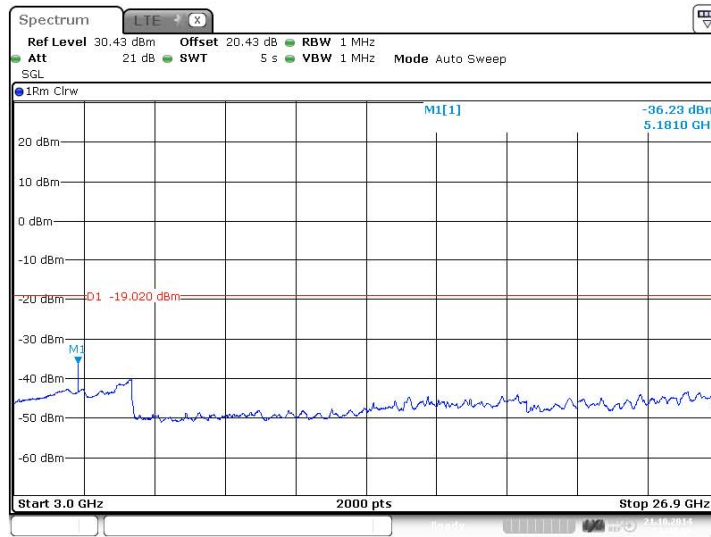
Date: 21.OCT.2014 11:39:06

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



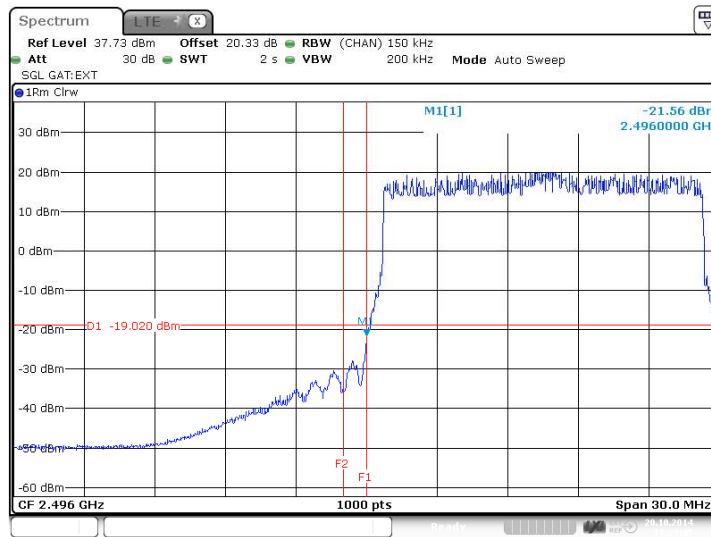
FCC ID:
VBNFWHD-01

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

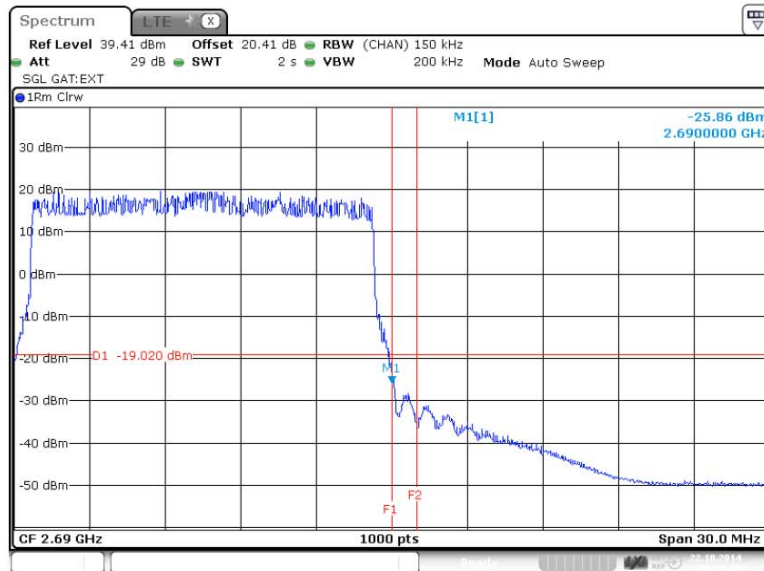
Figure 135 Spurious Emissions (Lower Band Edge) – 16QAM (2503.5 MHz) (15MHz Channel BW)



Product Service

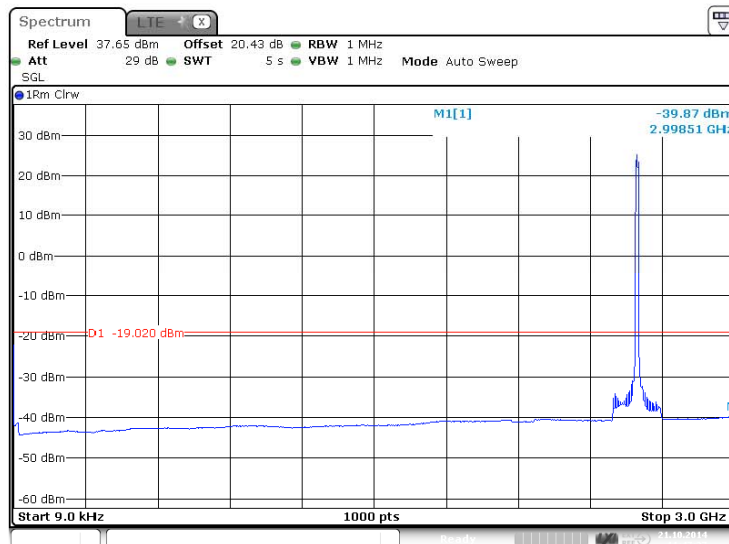
FCC ID:
VBNFWHD-01

Test Report No:
D522886124



Date: 22.OCT.2014 08:54:58

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



Date: 21.OCT.2014 11:47:37

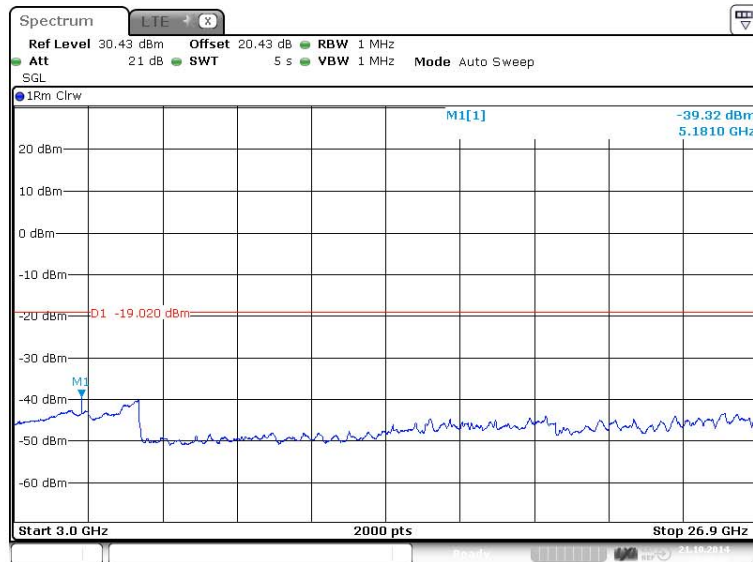
Figure 137 Spurious Emissions (9kHz – 3GHz) – 16QAM (2593.0 MHz) (15MHz Channel BW)



Product Service

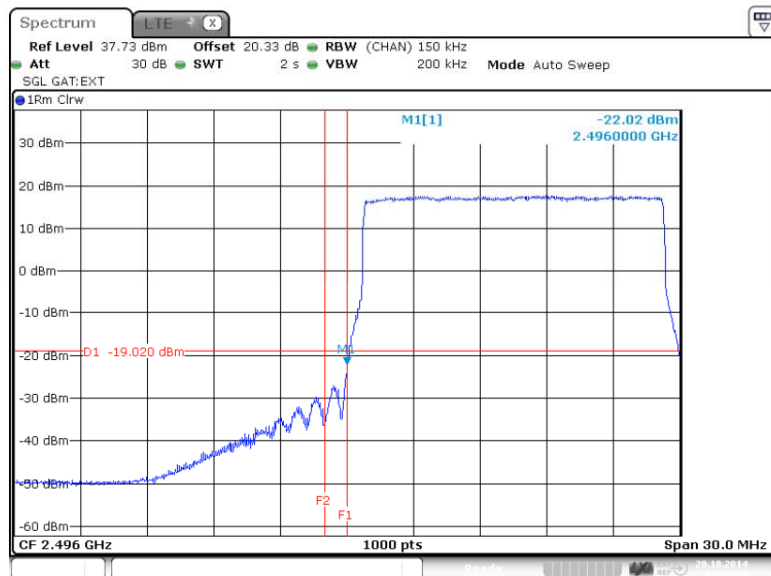
FCC ID:
VBNFWHD-01

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)



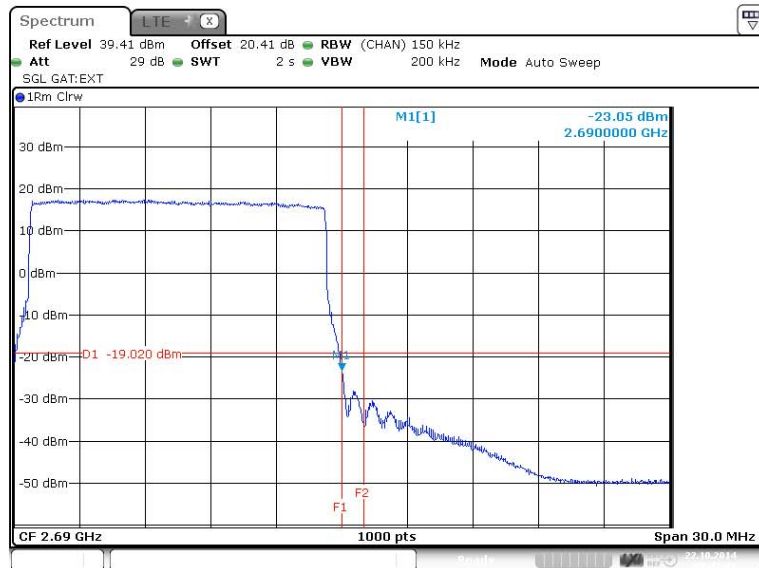
Date: 20.OCT.2014 11:33:06

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



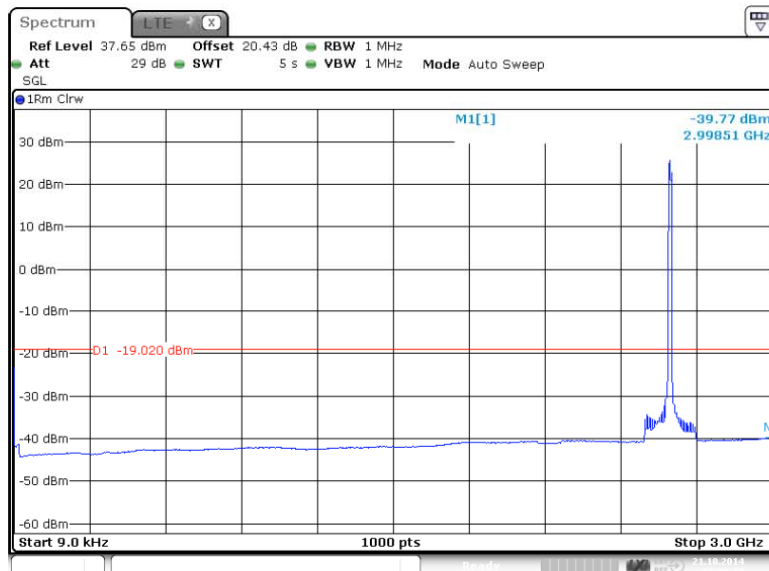
FCC ID:
VBNFWHD-01

Test Report No:
D522886124



Date: 22.OCT.2014 08:42:04

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



Date: 21.OCT.2014 12:00:17

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