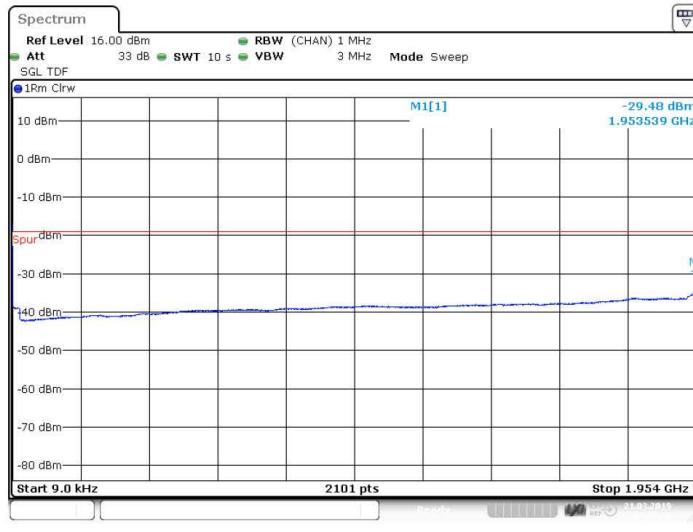


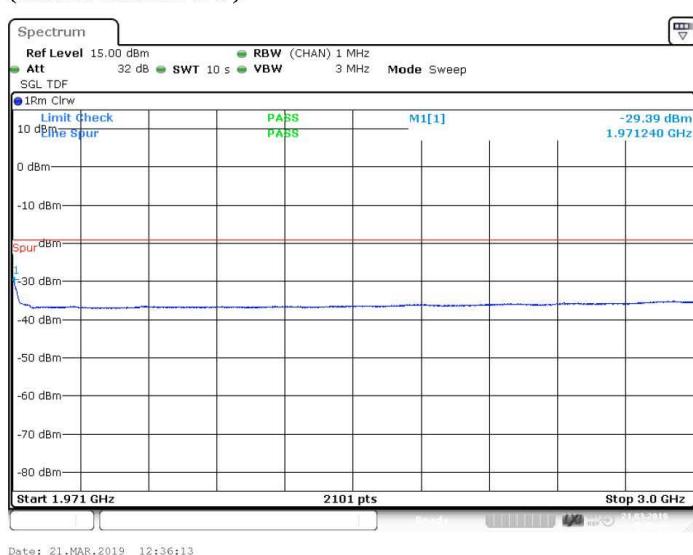


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**Figure 69 Spurious Emissions (9kHz – 1954MHz) - QPSK (1962.5 MHz) (15MHz Channel BW)**

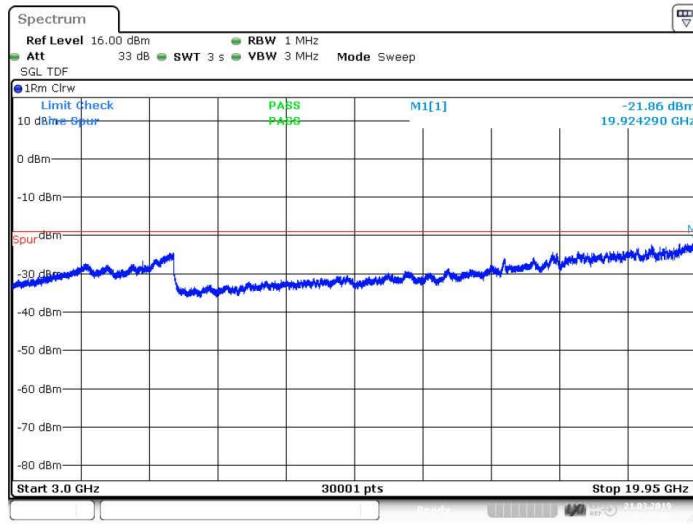


**Figure 70 Spurious Emissions (1971MHz – 3GHz) - QPSK (1962.5 MHz) (15MHz Channel BW)**

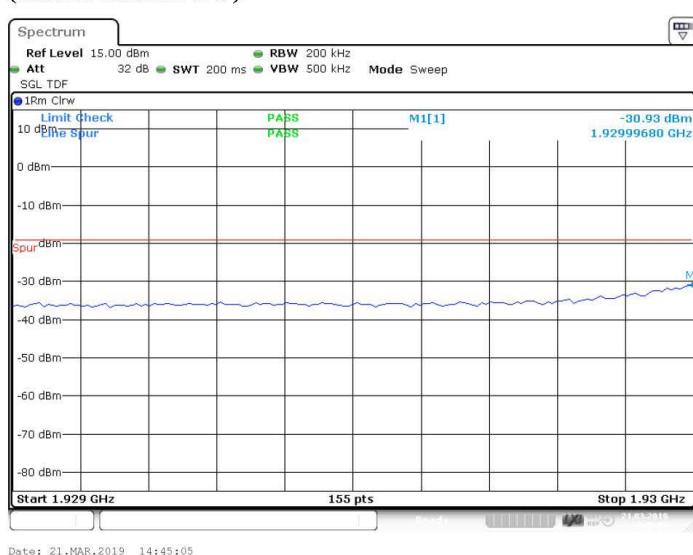


FCC ID:  
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**Figure 71 Spurious Emissions (3GHz – 19.950GHz) – QPSK (1962.5 MHz) (15MHz Channel BW)**

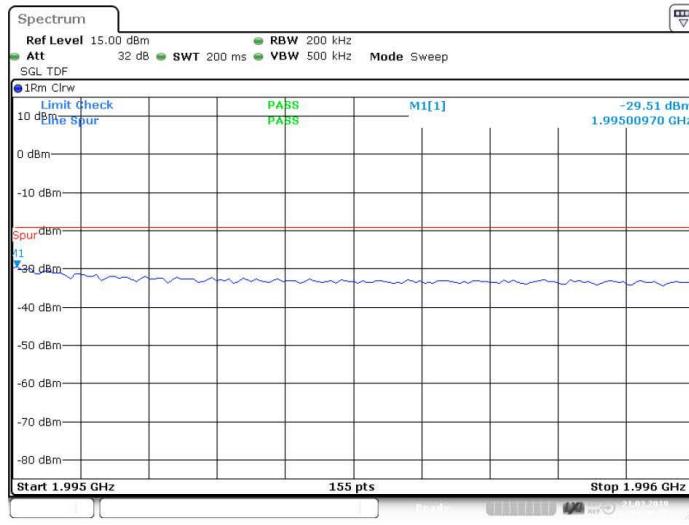


**Figure 72 Spurious Emissions (Lower Band Edge) – 16QAM (1937.5 MHz) (15MHz Channel BW)**

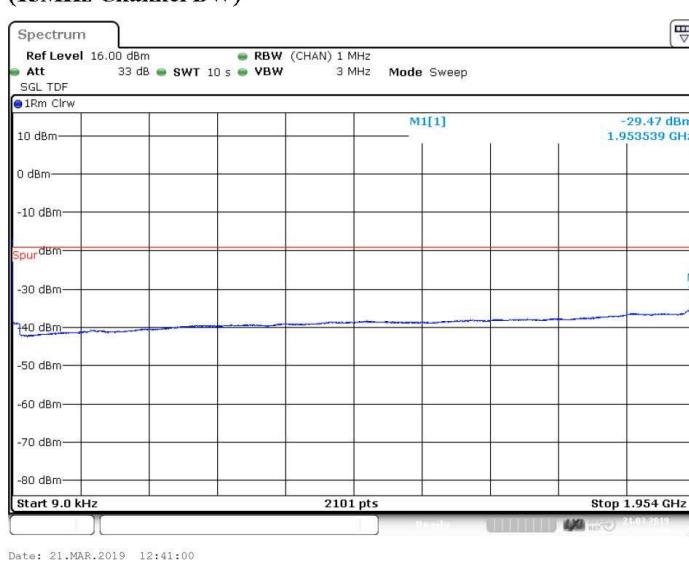


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**Figure 73 Spurious Emissions (Upper Band Edge) – 16QAM (1987.5 MHz) (15MHz Channel BW)**

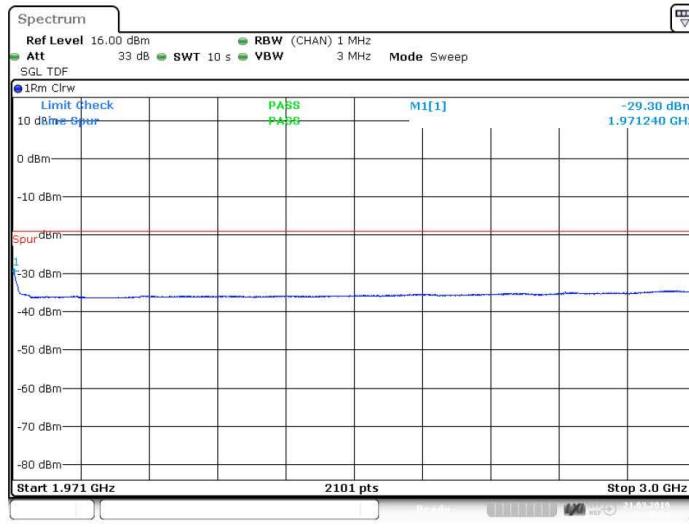


**Figure 74 Spurious Emissions (9kHz – 1954MHz) – 16QAM (1962.5 MHz) (15MHz Channel BW)**

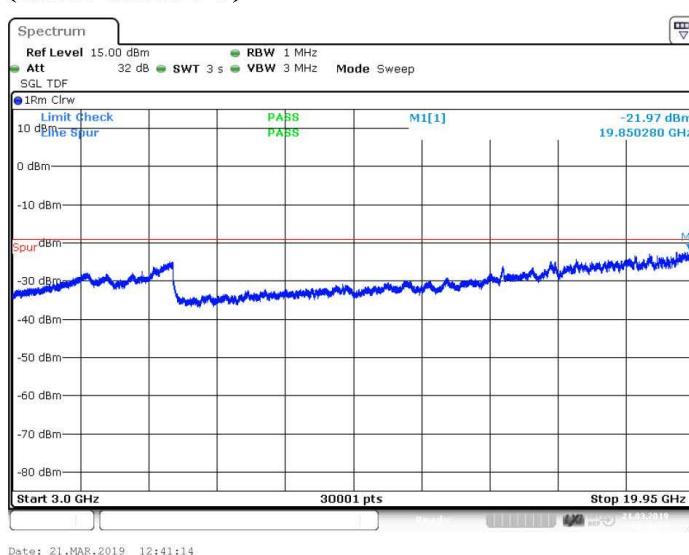


FCC ID:  
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**Figure 75 Spurious Emissions (1971MHz – 3GHz) – 16QAM (1962.5 MHz) (15MHz Channel BW)**

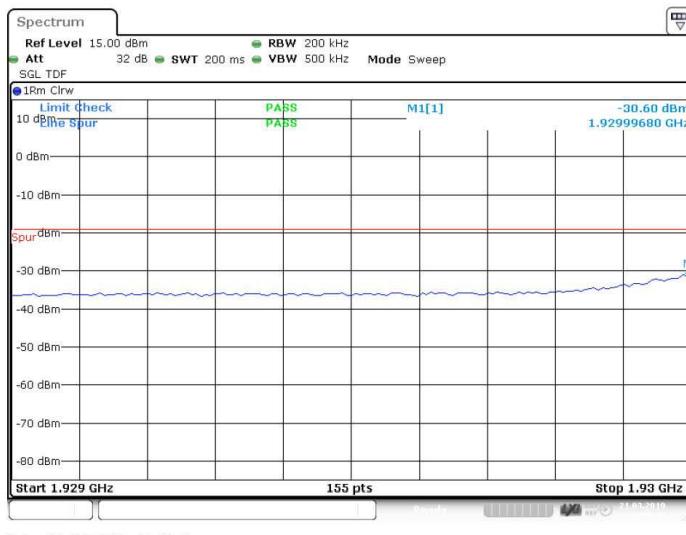


**Figure 76 Spurious Emissions (3GHz – 19.950GHz) – 16QAM (1962.5 MHz) (15MHz Channel BW)**

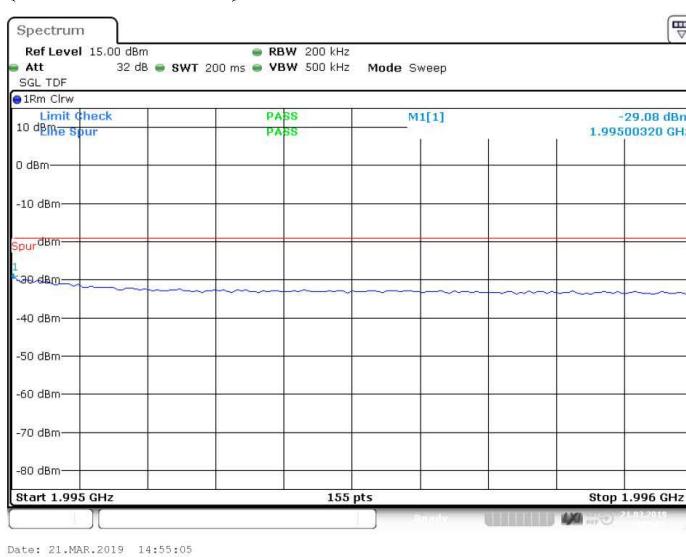


FCC ID:  
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**Figure 77 Spurious Emissions (Lower Band Edge) – 64QAM (1937.5 MHz) (15MHz Channel BW)**

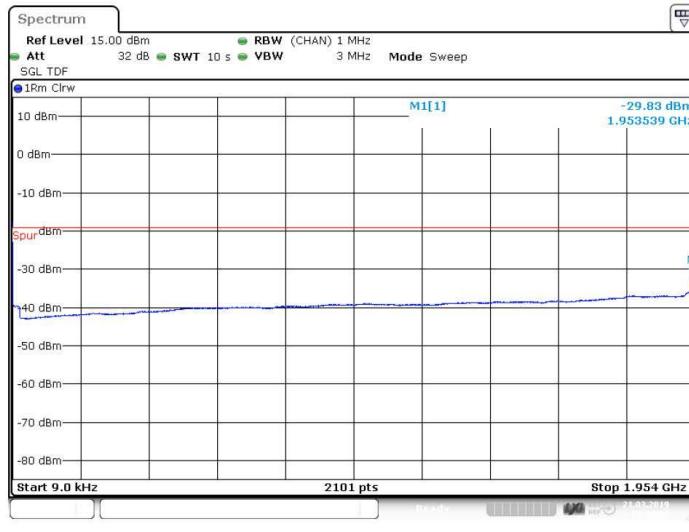


**Figure 78 Spurious Emissions (Upper Band Edge) – 64QAM (1987.5 MHz) (15MHz Channel BW)**



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**Figure 79 Spurious Emissions (9kHz – 1954MHz) – 64QAM (1962.5 MHz) (15MHz Channel BW)**

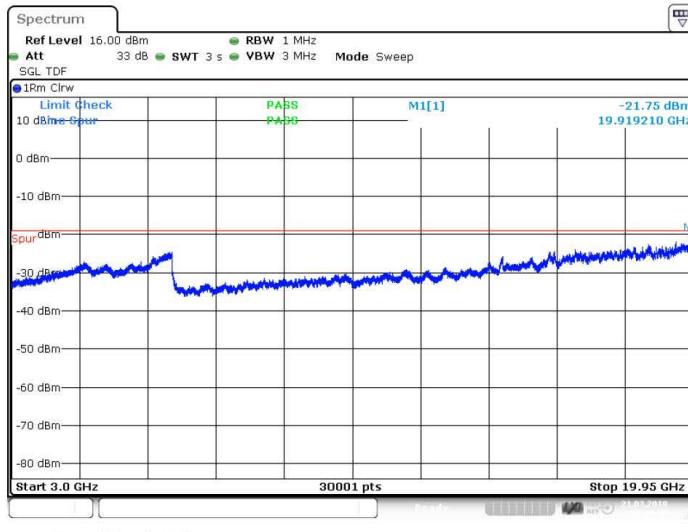


**Figure 80 Spurious Emissions (1971MHz – 3GHz) – 64QAM (1962.5 MHz) (15MHz Channel BW)**

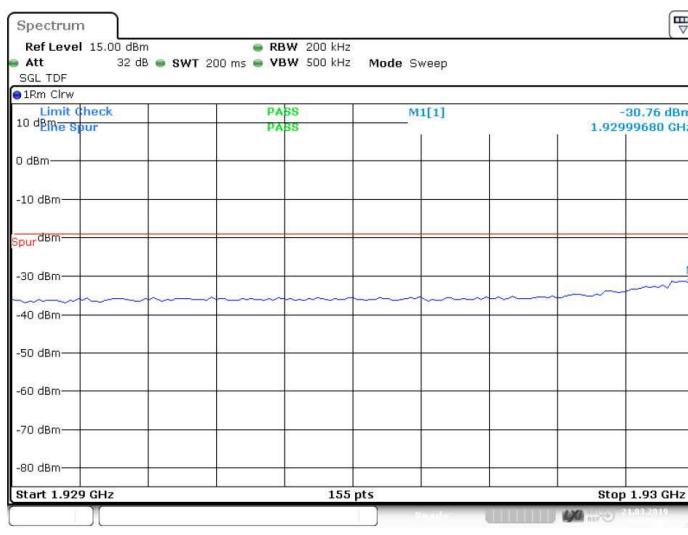


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**Figure 81 Spurious Emissions (3GHz – 19.950GHz) – 64QAM (1962.5 MHz) (15MHz Channel BW)**

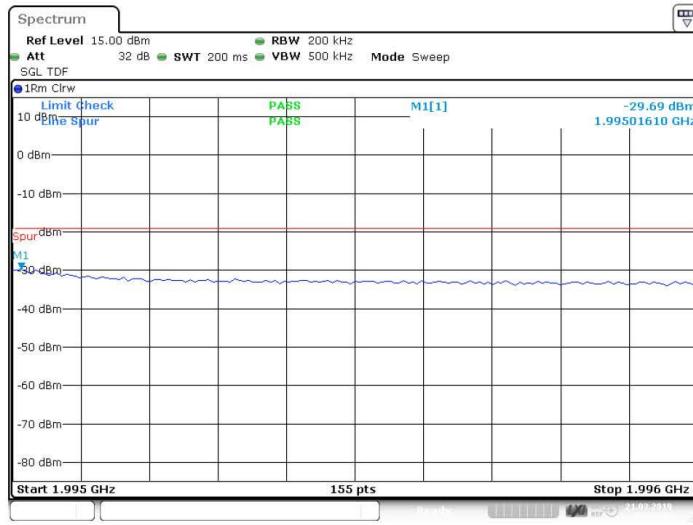


**Figure 82 Spurious Emissions (Lower Band Edge) – 256QAM (1937.5 MHz) (15MHz Channel BW)**



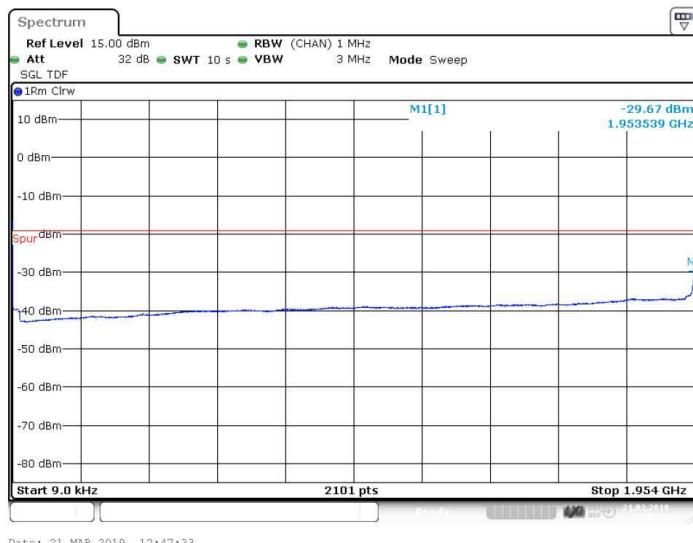
FCC ID:  
VBNAHFB-01

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TYPEAPPR-1508717799-  
611



Date: 21.MAR.2019 15:01:49

**Figure 83 Spurious Emissions (Upper Band Edge) – 256QAM (1987.5 MHz) (15MHz Channel BW)**



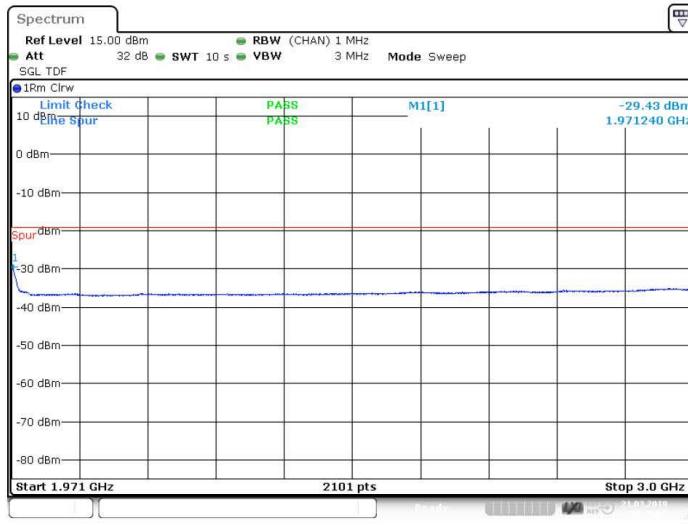
Date: 21.MAR.2019 12:47:33

**Figure 84 Spurious Emissions (9kHz – 1954MHz) – 256QAM (1962.5 MHz) (15MHz Channel BW)**



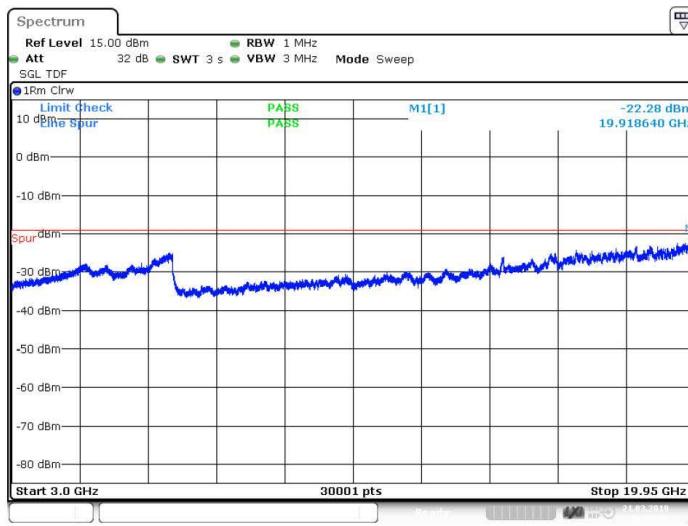
FCC ID:  
VBNAHFB-01

Test Report No:  
TYPEAPPR-1508717799-  
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Date: 21.MAR.2019 12:46:53

**Figure 85 Spurious Emissions (1971MHz – 3GHz) – 256QAM (1962.5 MHz) (20MHz Channel BW)**



Date: 21.MAR.2019 12:47:48

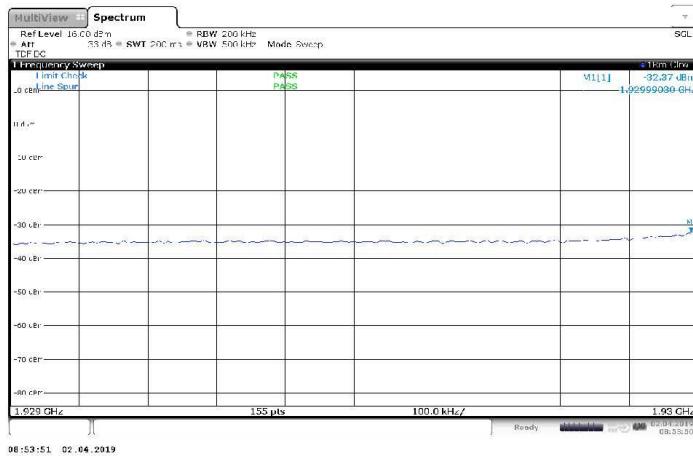
**Figure 86 Spurious Emissions (3GHz – 19.950GHz) – 256QAM (1962.5 MHz) (15MHz Channel BW)**



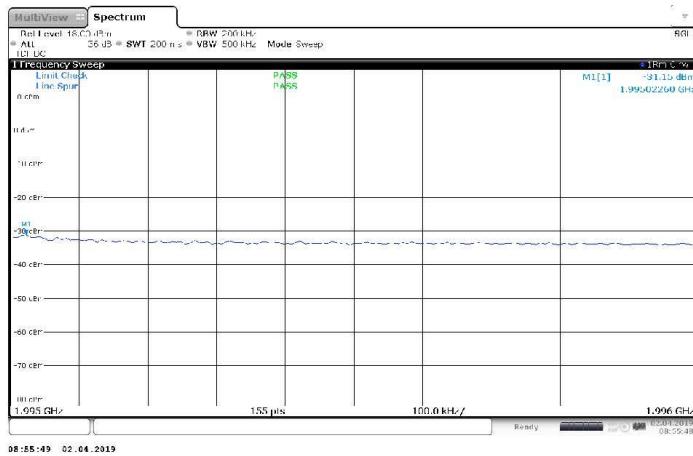
FCC ID:  
VBNAHFB-01

Test Report No:  
TYPEAPPR-1508717799-  
611

### Config D ANT1:



**Figure 87 Spurious Emissions (Lower Band Edge) – QPSK (1940.0 MHz) (20MHz Channel BW)**

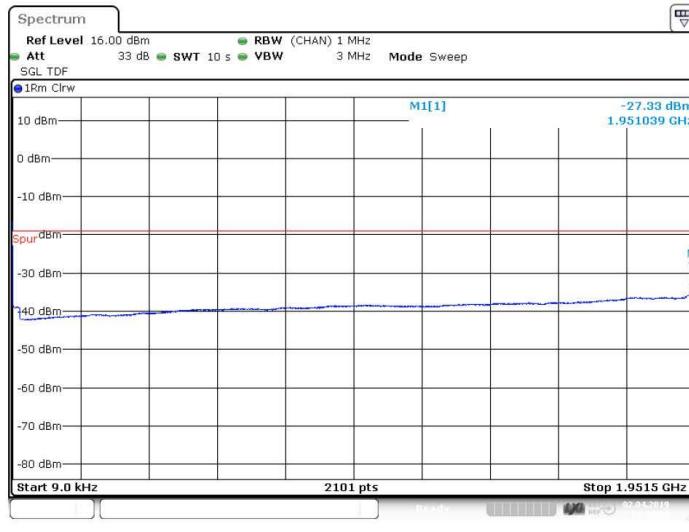


**Figure 88 Spurious Emissions (Upper Band Edge) – QPSK (1985.0 MHz) (20MHz Channel BW)**

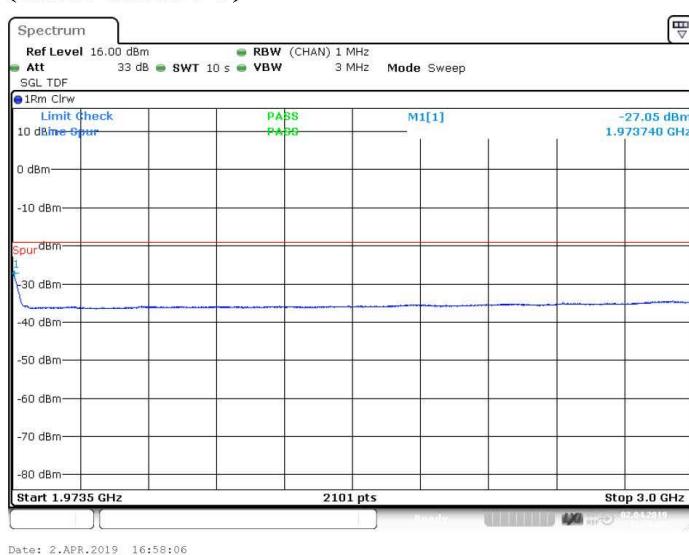


FCC ID:  
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**Figure 89 Spurious Emissions (9kHz – 1951.5MHz) - QPSK (1962.5 MHz) (20MHz Channel BW)**

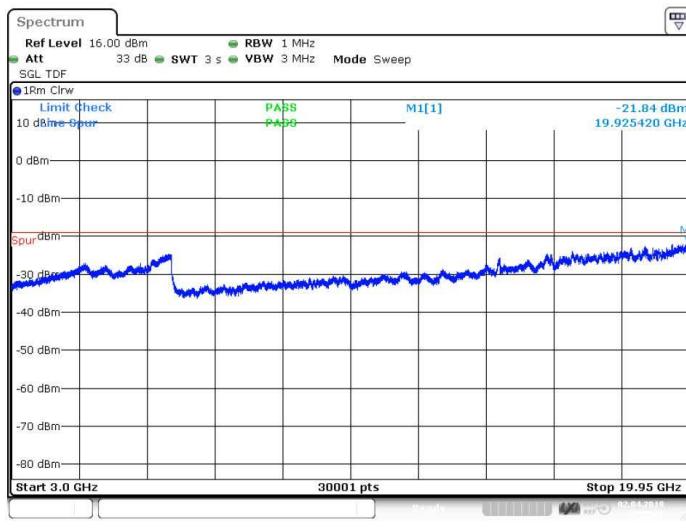


**Figure 90 Spurious Emissions (1973.5MHz – 3GHz) – QPSK (1962.5 MHz) (20MHz Channel BW)**

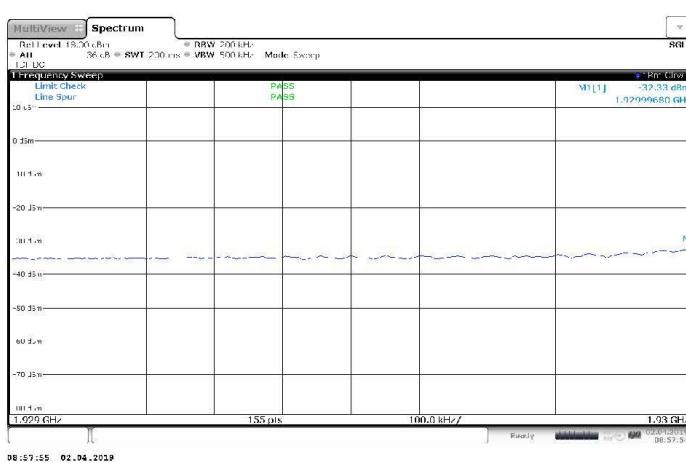


FCC ID:  
VBNAHFB-01

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**Figure 91 Spurious Emissions (3GHz – 19.950GHz) – QPSK (1962.5 MHz) (20MHz Channel BW)**



**Figure 92 Spurious Emissions (Lower Band Edge) – 16QAM (1940.0 MHz) (20MHz Channel BW)**

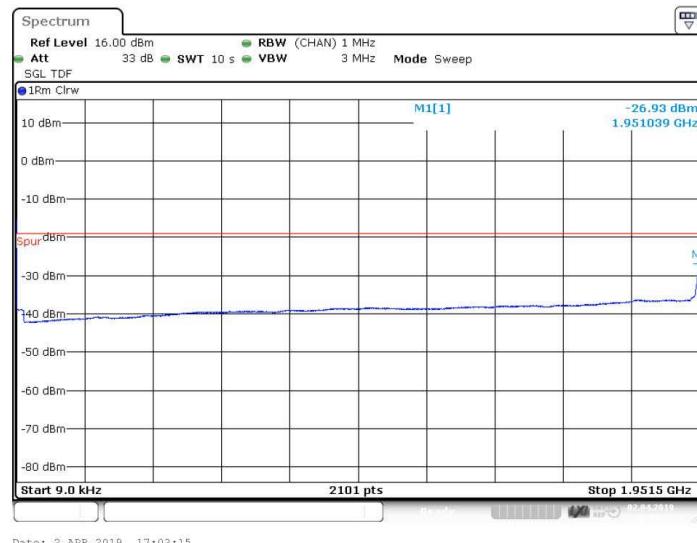


FCC ID:  
VBNAHFB-01

Test Report No:  
TYPEAPPR-1508717799-  
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**Figure 93 Spurious Emissions (Upper Band Edge) – 16QAM (1985.0 MHz) (20MHz Channel BW)**

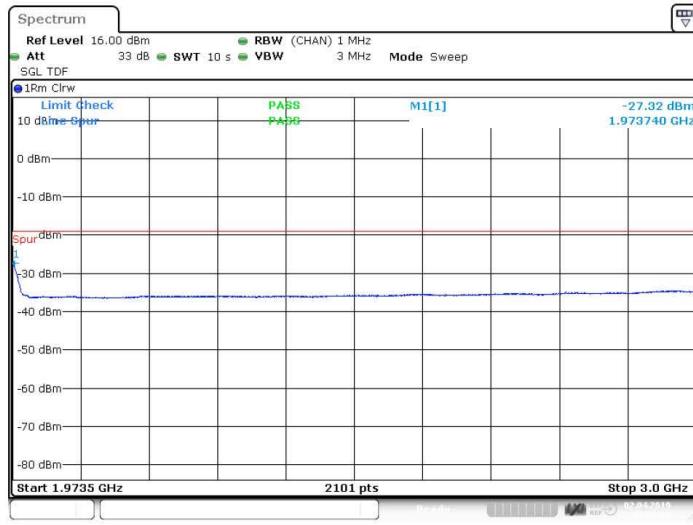


**Figure 94 Spurious Emissions (9kHz – 1951.5MHz) – 16QAM (1962.5 MHz) (20MHz Channel BW)**

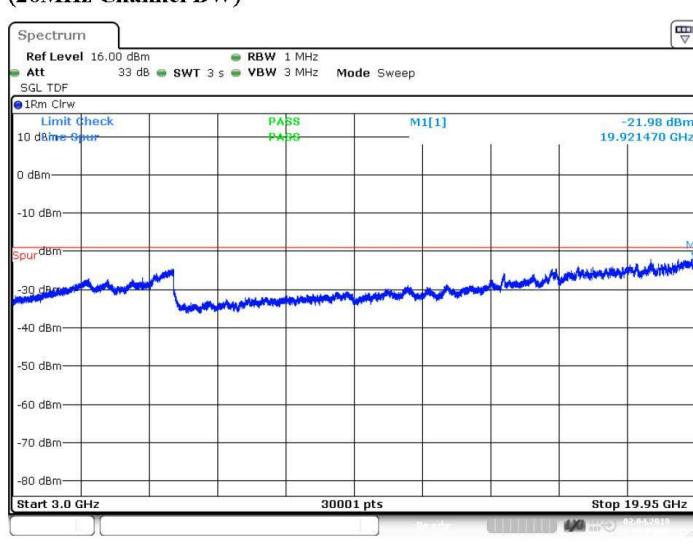


FCC ID:  
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TYPEAPPR-1508717799-  
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**Figure 95 Spurious Emissions (1973.5MHz – 3GHz) – 16QAM (1962.5 MHz) (20MHz Channel BW)**

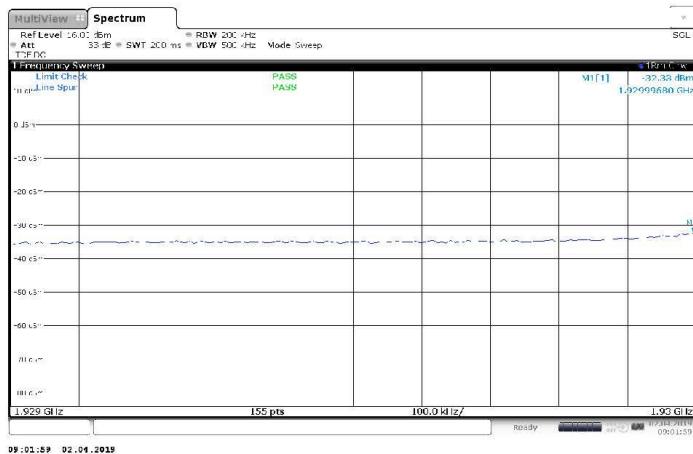


**Figure 96 Spurious Emissions (3GHz – 19.950GHz) – 16QAM (1962.5 MHz) (20MHz Channel BW)**

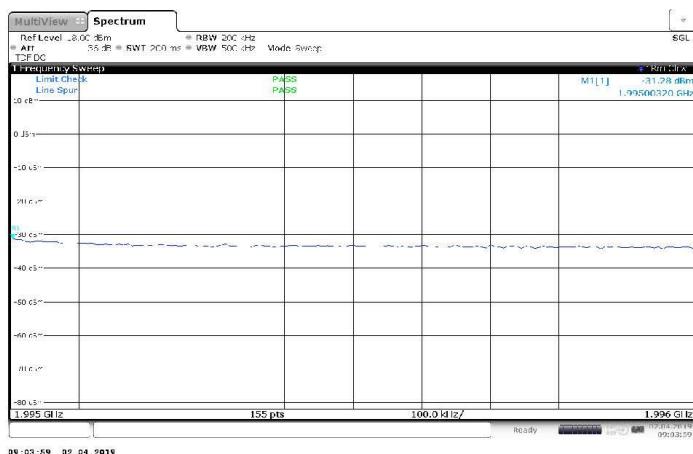


FCC ID:  
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TYPEAPPR-1508717799-  
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**Figure 97 Spurious Emissions (Lower Band Edge) – 64QAM (1940.0 MHz) (20MHz Channel BW)**

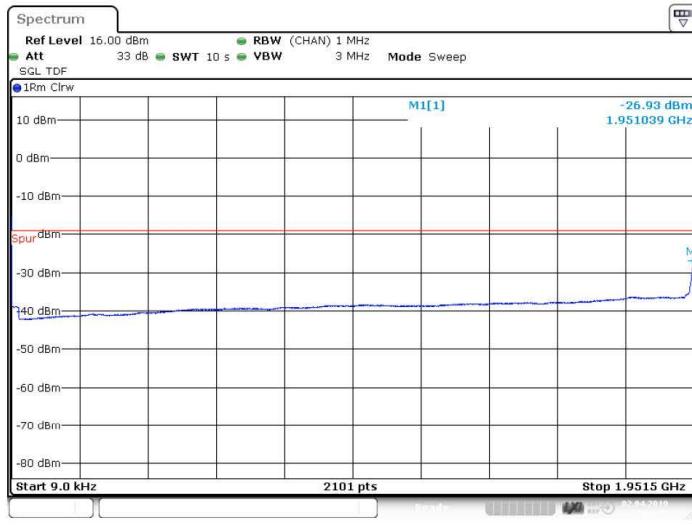


**Figure 98 Spurious Emissions (Upper Band Edge) – 64QAM (1985.0 MHz) (20MHz Channel BW)**

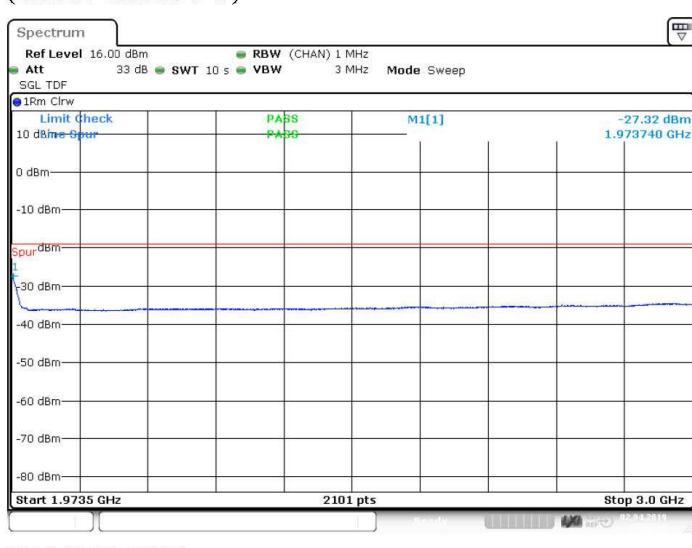


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**Figure 99 Spurious Emissions (9kHz – 1951.5MHz) – 64QAM (1962.5 MHz) (20MHz Channel BW)**

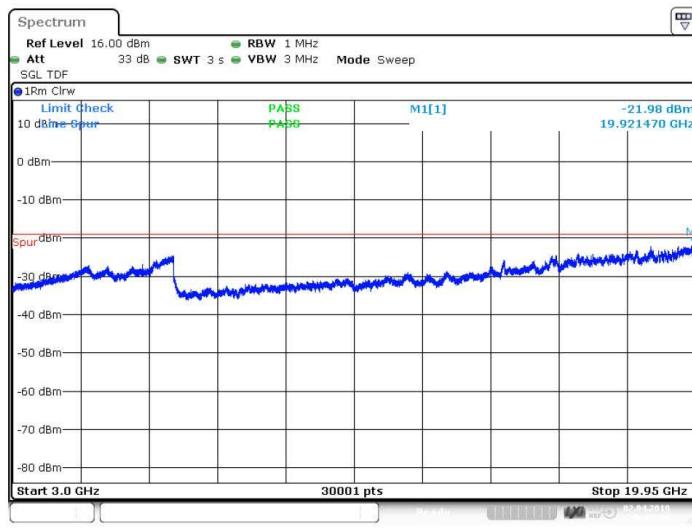


**Figure 100 Spurious Emissions (1973.5MHz – 3GHz) – 64QAM ((1962.5 MHz) (20MHz Channel BW)**

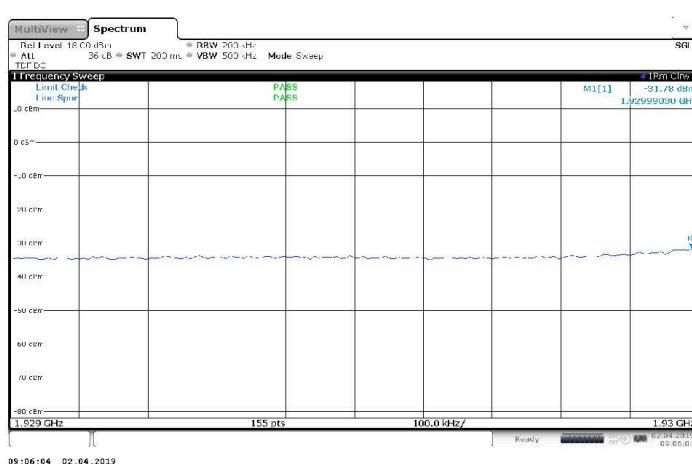


FCC ID:  
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**Figure 101 Spurious Emissions (3GHz – 19.950GHz) – 64QAM ((1962.5 MHz)  
(20MHz Channel BW)**

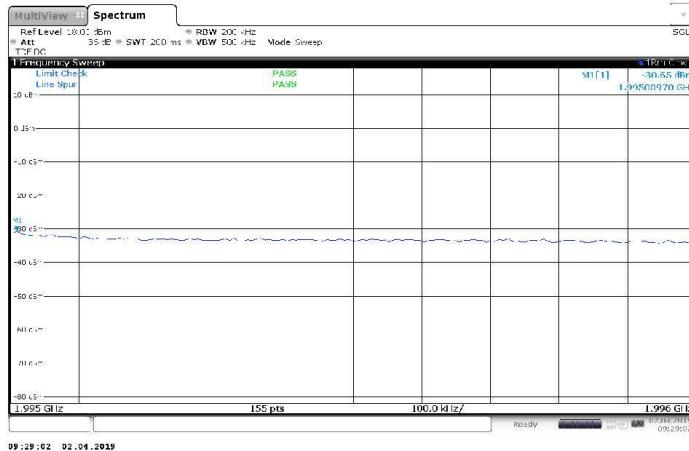


**Figure 102 Spurious Emissions (Lower Band Edge) – 256QAM (1940.0 MHz)  
(20MHz Channel BW)**

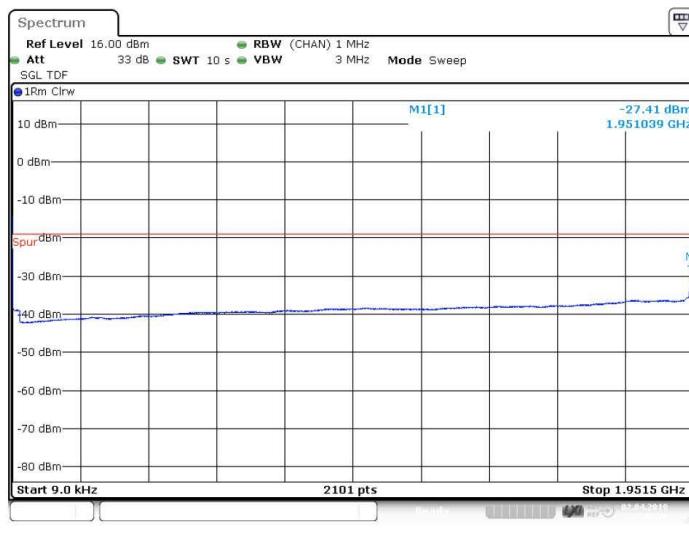


FCC ID:  
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**Figure 103 Spurious Emissions (Upper Band Edge) – 256QAM (1985.0 MHz) (20MHz Channel BW)**



**Figure 104 Spurious Emissions (9kHz – 1951.5MHz) – 256QAM (1962.5 MHz) (20MHz Channel BW)**

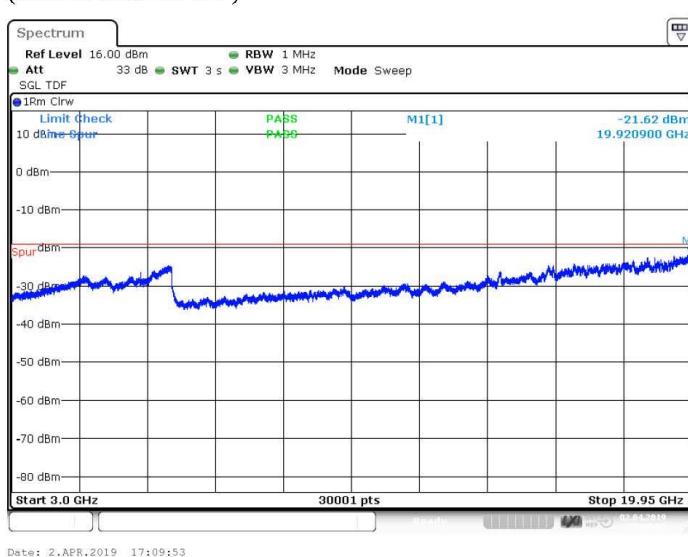


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**Figure 105 Spurious Emissions (1973.5MHz – 3GHz) – 256QAM 1962.5 MHz (20MHz Channel BW)**



**Figure 106 Spurious Emissions (3GHz – 19.950GHz) – 256QAM 1962.5 MHz (20MHz Channel BW)**



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#### 5.2.4. Test No. 5: Field Strength of Spurious Radiation

Config A, B, C, D:

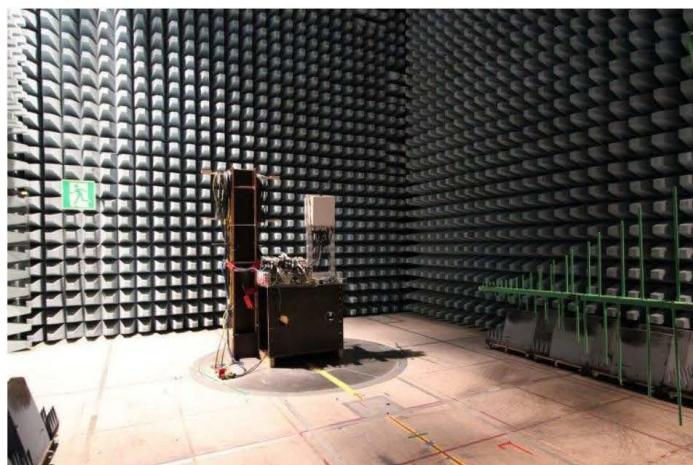


Figure 107 Photograph of the anechoic chamber with the EUT

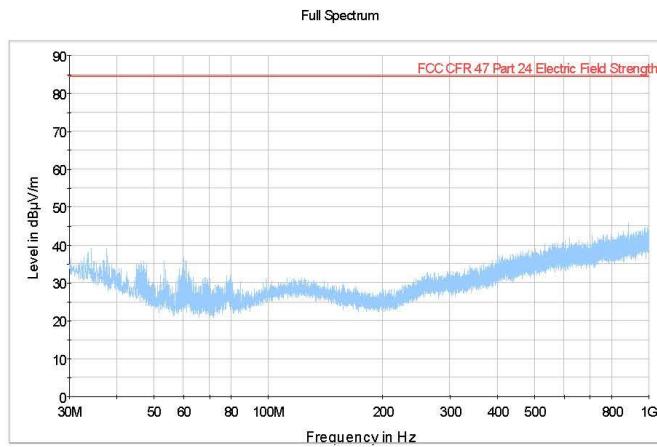
FCC 47 CFR part 24



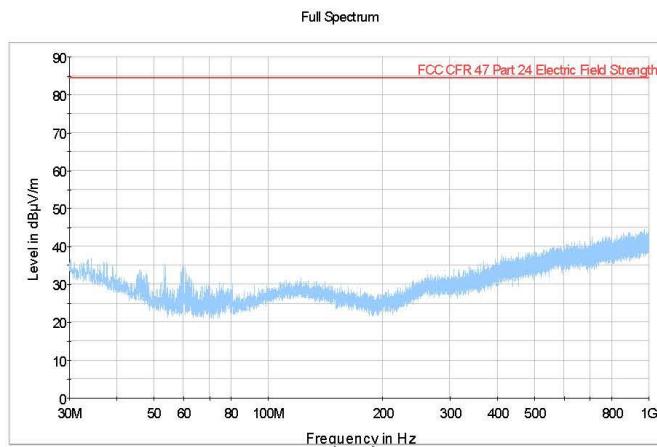
FCC ID:  
VBNAHFB-01

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**Config A:**



**Figure 108 Radiated Emission 30 MHz – 1 GHz (1932.5MHz) (5MHz Channel BW)**

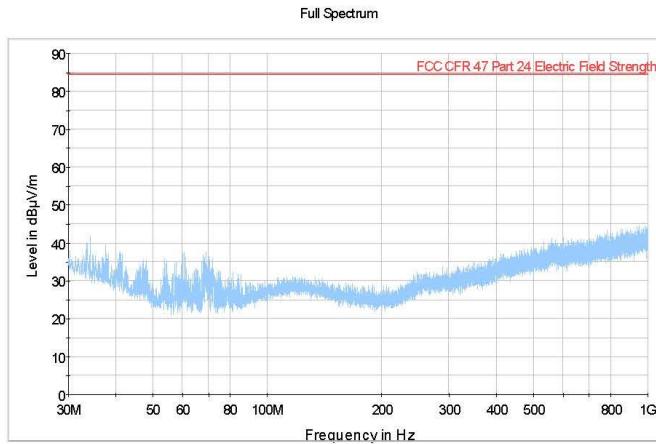


**Figure 109 Radiated Emission 30 MHz – 1 GHz (1962.5MHz) (5MHz Channel BW)**

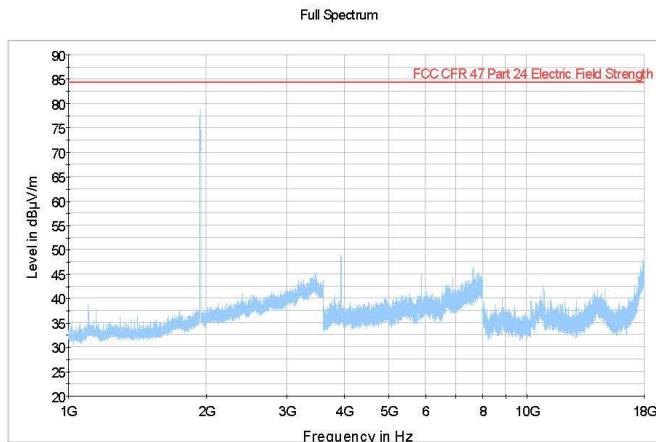


FCC ID:  
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**Figure 110 Radiated Emission 30 MHz – 1 GHz (1992.5 MHz) (5MHz Channel BW)**

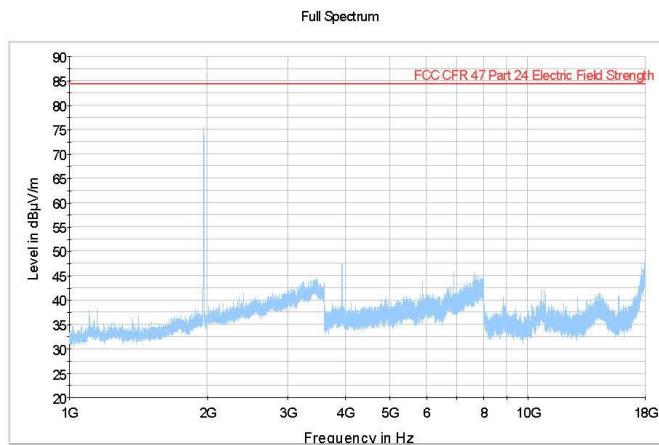


**Figure 111 Radiated Emission 1 GHz – 18 GHz (1932.5MHz) (5MHz Channel BW)**

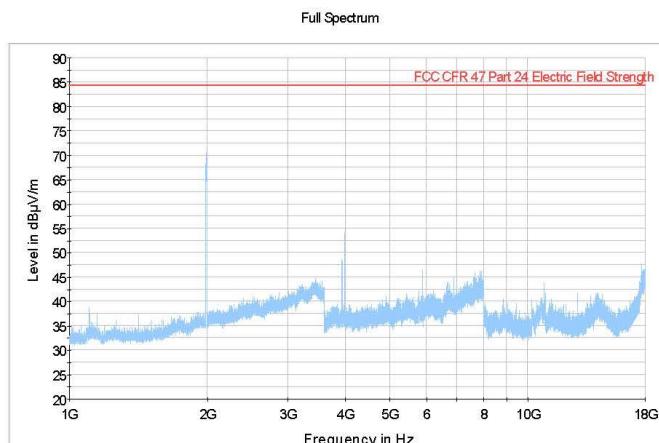


FCC ID:  
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**Figure 112 Radiated Emission 1 GHz – 18 GHz (1962.5MHz) (5MHz Channel BW)**



**Figure 113 Radiated Emission 1 GHz – 18 GHz (1992.5MHz) (5MHz Channel BW)**