

WIFI Band 2 5250~5350MHz Band Edge @ 3m 802.11ac VHT20 CH52 5260MHz - R **ANT** 1+2 Horizontal **Fundamental Peak** Left blank Left blank Avg.

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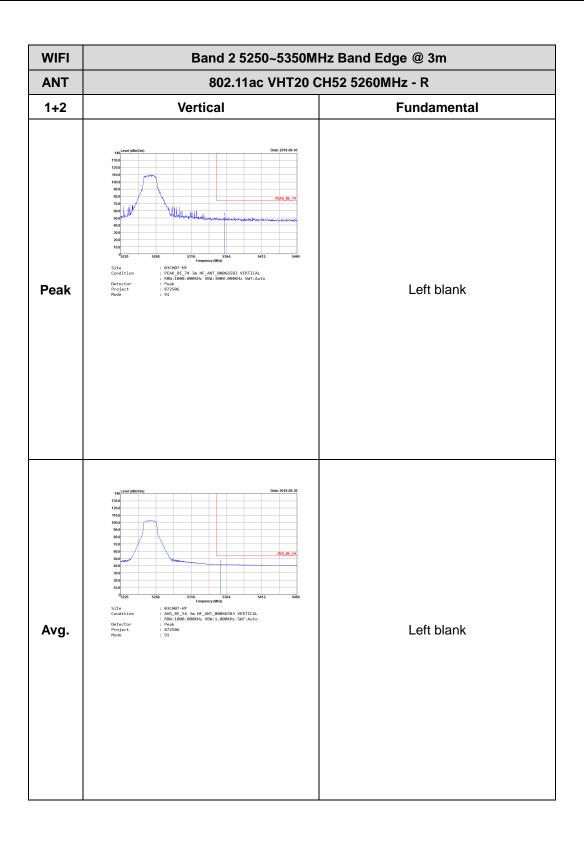


WIFI Band 2 5250~5350MHz Band Edge @ 3m **ANT** 802.11ac VHT20 CH52 5260MHz - L 1+2 Vertical **Fundamental** Peak Detector Project Mode Left blank Avg.

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WIFI Band 2 5250~5350MHz Band Edge @ 3m 802.11ac VHT20 CH60 5300MHz - L **ANT** Horizontal **Fundamental** 1+2 Site Condition Site Condition Y 3m HF_ANT_00066583 HORIZONTAL .000KHz VBW:3000.000KHz SWT:Auto **Peak** Avg. Left blank

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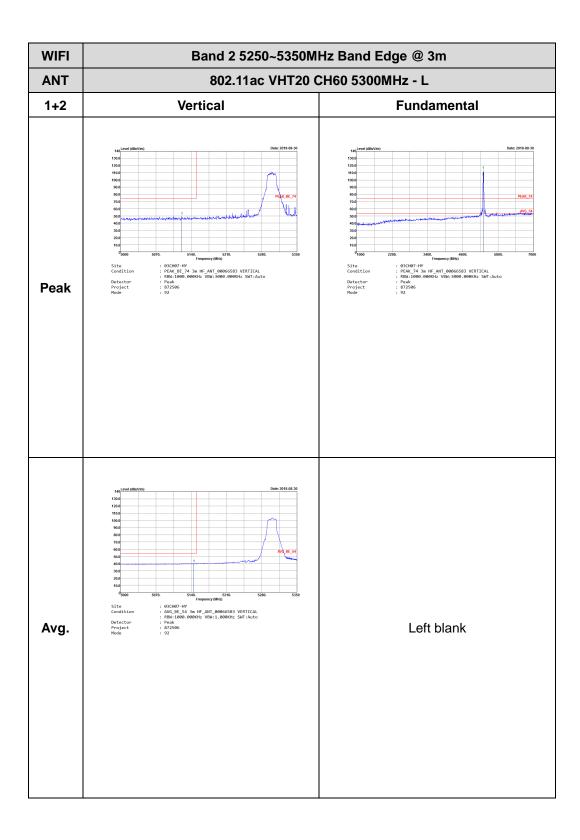


WIFI Band 2 5250~5350MHz Band Edge @ 3m 802.11ac VHT20 CH60 5300MHz - R **ANT** 1+2 Horizontal **Fundamental Peak** Left blank Left blank Avg.

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WIFI Band 2 5250~5350MHz Band Edge @ 3m 802.11ac VHT20 CH60 5300MHz - R **ANT** 1+2 **Vertical Fundamental Peak** Left blank Left blank Avg.

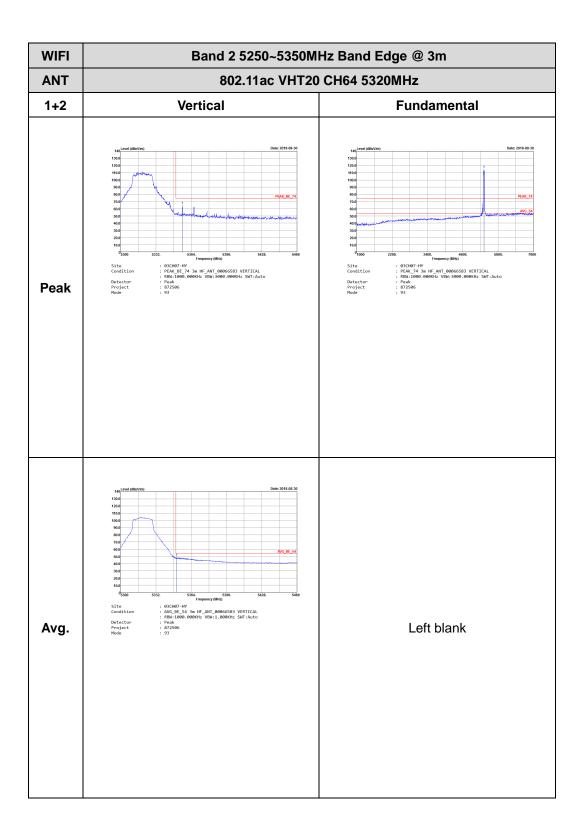
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WIFI Band 2 5250~5350MHz Band Edge @ 3m **ANT** 802.11ac VHT20 CH64 5320MHz 1+2 **Horizontal Fundamental** Site Condition Site Condition Y 3m HF_ANT_00066583 HORIZONTAL .000KHz VBW:3000.000KHz SWT:Auto Detector Project Mode **Peak** Avg. Left blank

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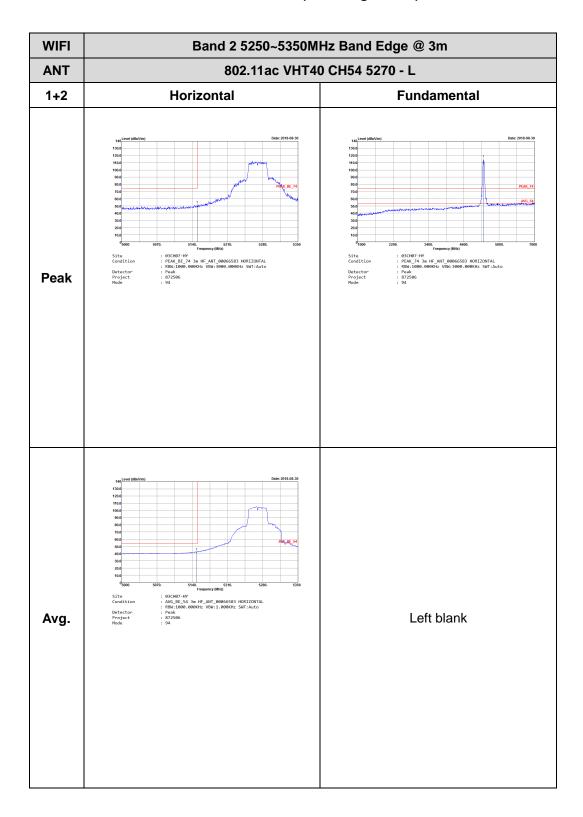
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Band 2 5250~5350MHz WIFI 802.11ac VHT40 (Band Edge @ 3m)

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WIFI Band 2 5250~5350MHz Band Edge @ 3m 802.11ac VHT40 CH54 5270 - R **ANT** 1+2 Horizontal **Fundamental Peak** Left blank Left blank Avg.

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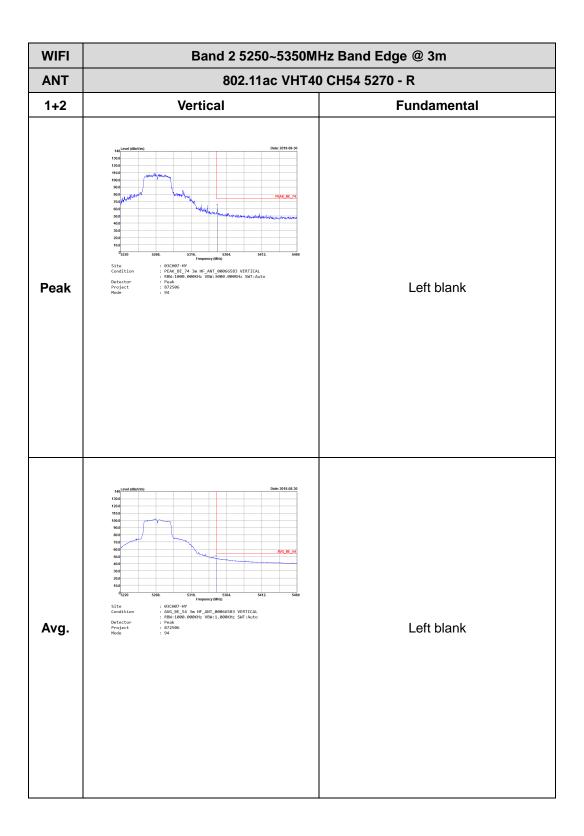
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WIFI Band 2 5250~5350MHz Band Edge @ 3m 802.11ac VHT40 CH54 5270 - L **ANT** 1+2 **Vertical Fundamental Peak** Left blank Avg.

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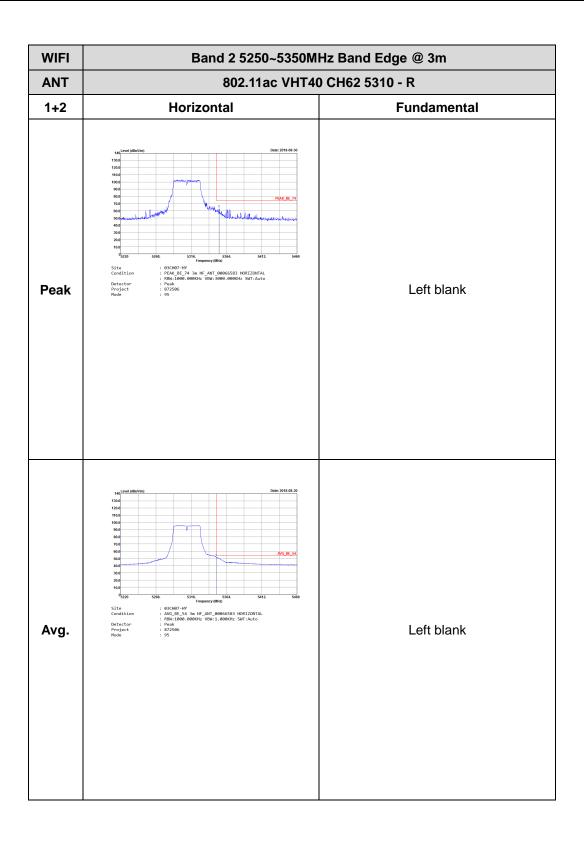


WIFI Band 2 5250~5350MHz Band Edge @ 3m **ANT** 802.11ac VHT40 CH62 5310 - L 1+2 **Horizontal Fundamental** Site Condition Site Condition Y 3m HF_ANT_00066583 HORIZONTAL .000KHz VBW:3000.000KHz SWT:Auto **Peak** Avg. Left blank

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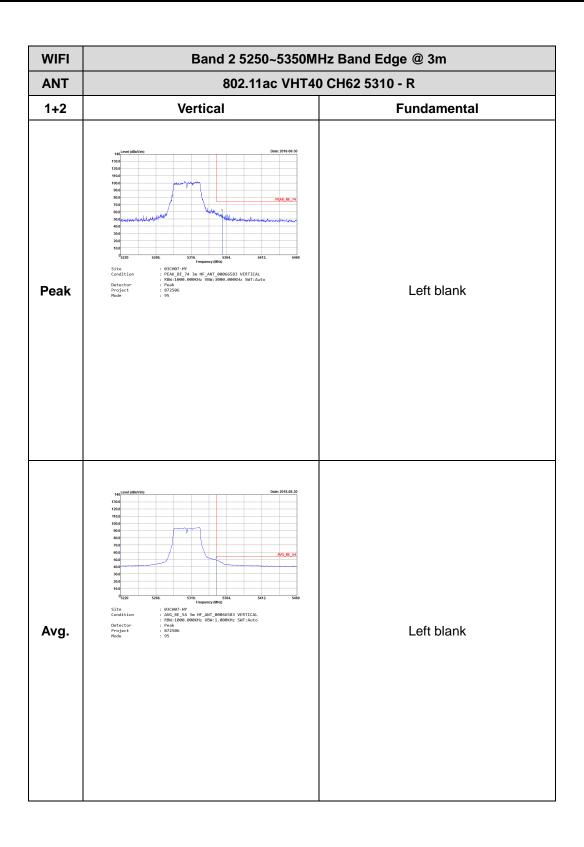


WIFI Band 2 5250~5350MHz Band Edge @ 3m 802.11ac VHT40 CH62 5310 - L **ANT** 1+2 **Vertical Fundamental Peak** Left blank Avg.

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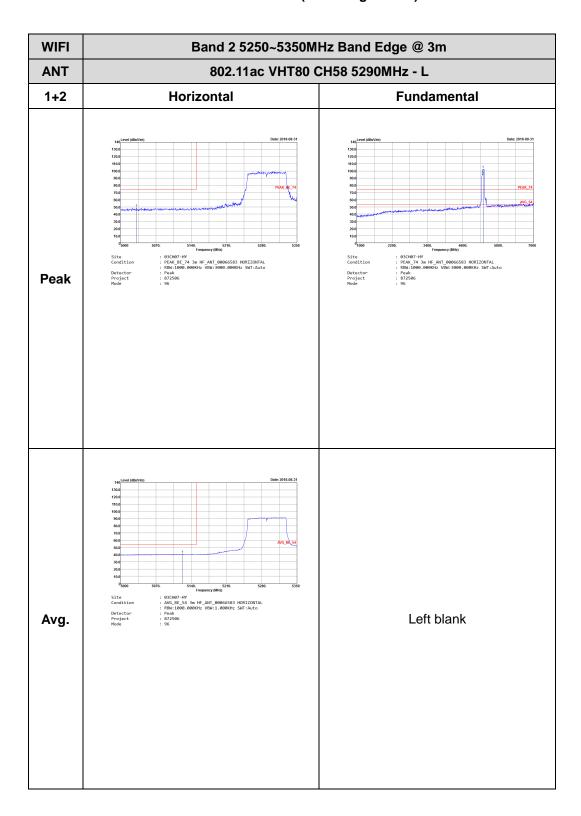




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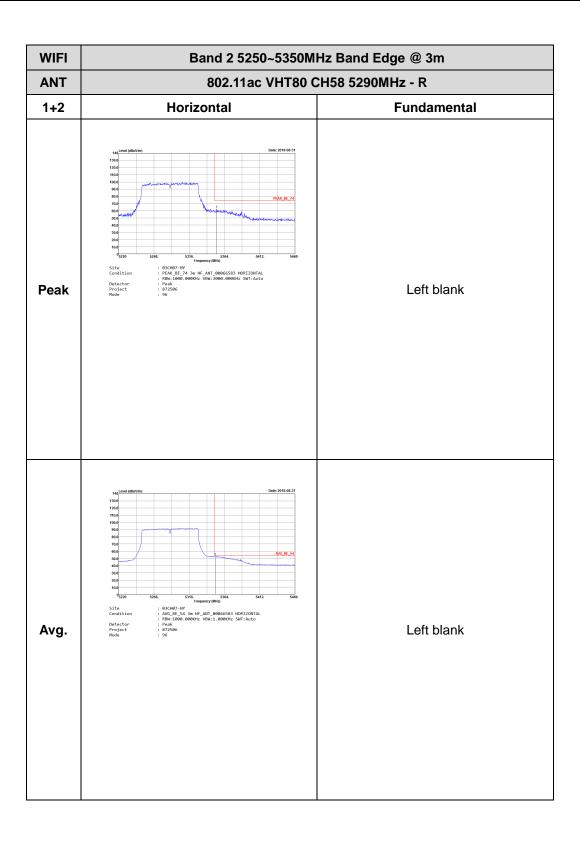
Band 2 5250~5350MHz WIFI 802.11ac VHT80 (Band Edge @ 3m)

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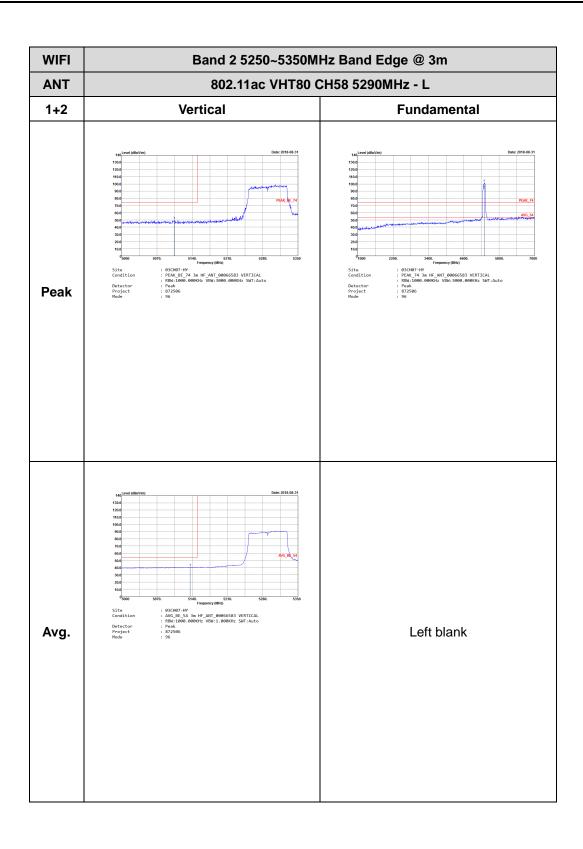
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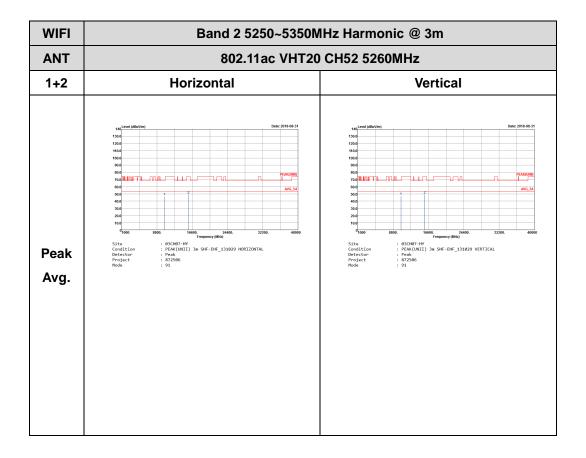
WIFI Band 2 5250~5350MHz Band Edge @ 3m 802.11ac VHT80 CH58 5290MHz - R **ANT** 1+2 **Vertical Fundamental Peak** Left blank Left blank Avg.

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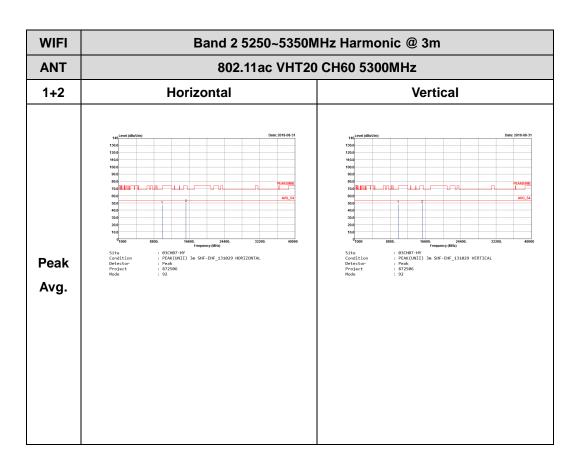
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Band 2 - 5250~5350MHz WIFI 802.11ac VHT20 (Harmonic @ 3m)

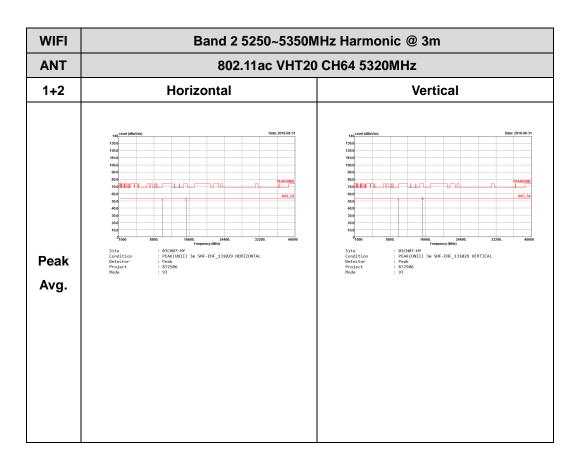
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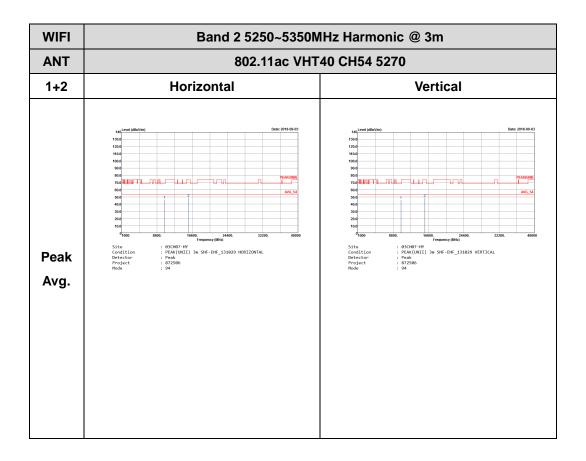
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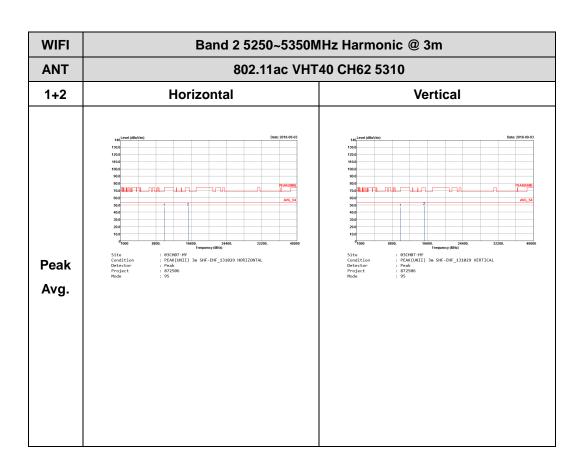
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Band 2 5250~5350MHz WIFI 802.11ac VHT40 (Harmonic @ 3m)

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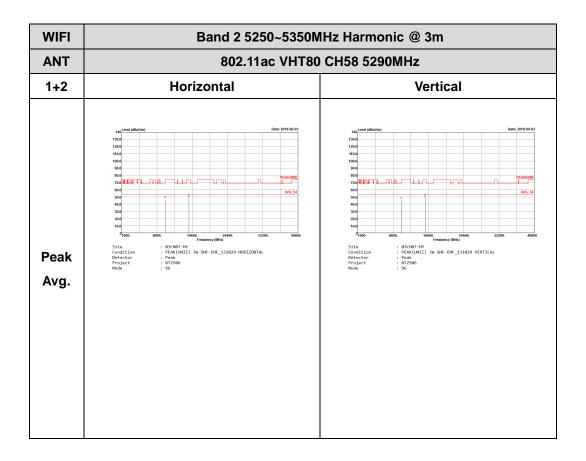
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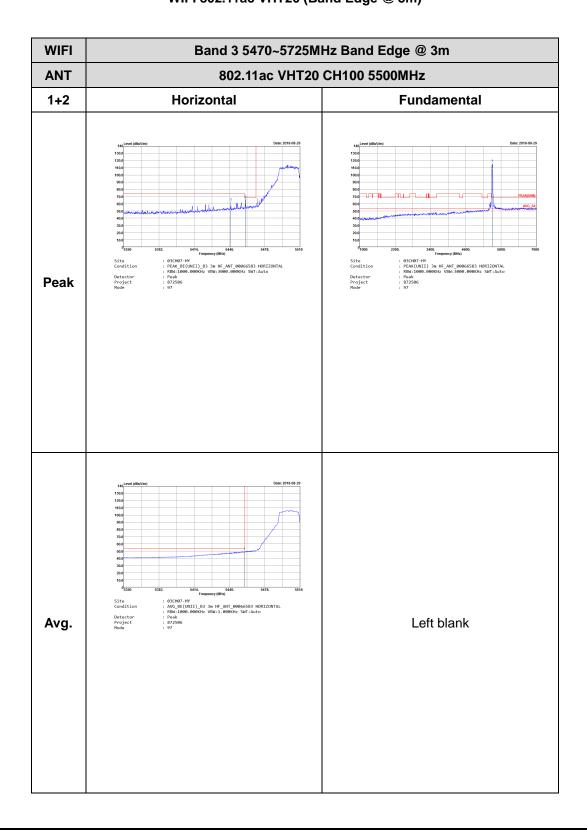
Band 2 5250~5350MHz WIFI 802.11ac VHT80 (Harmonic @ 3m)

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Band 3 - 5470~5725MHz
WIFI 802.11ac VHT20 (Band Edge @ 3m)



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WIFI Band 3 5470~5725MHz Band Edge @ 3m 802.11ac VHT20 CH100 5500MHz **ANT Vertical** 1+2 **Fundamental Peak** Left blank Avg.

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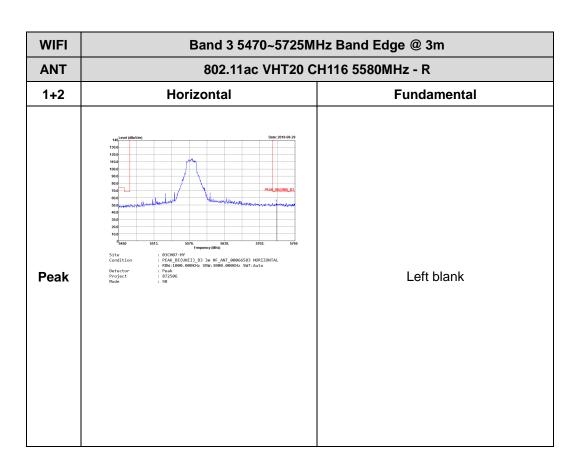
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WIFI Band 3 5470~5725MHz Band Edge @ 3m 802.11ac VHT20 CH116 5580MHz - L **ANT** 1+2 Horizontal **Fundamental Peak** Left blank Avg.

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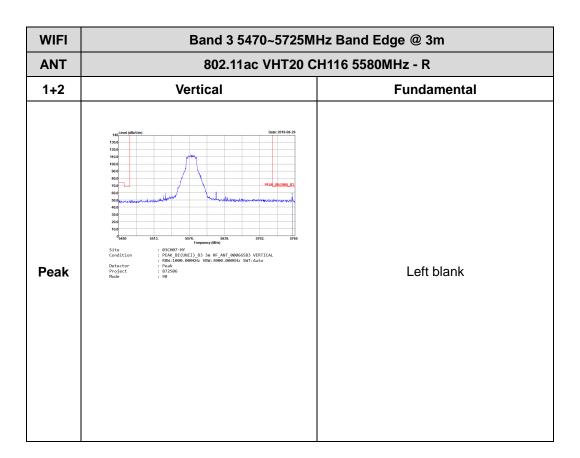
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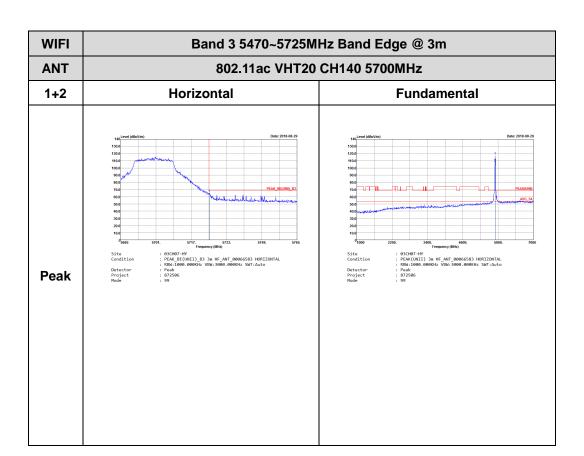
WIFI Band 3 5470~5725MHz Band Edge @ 3m 802.11ac VHT20 CH116 5580MHz - L **ANT** 1+2 **Vertical Fundamental Peak** Left blank Avg.

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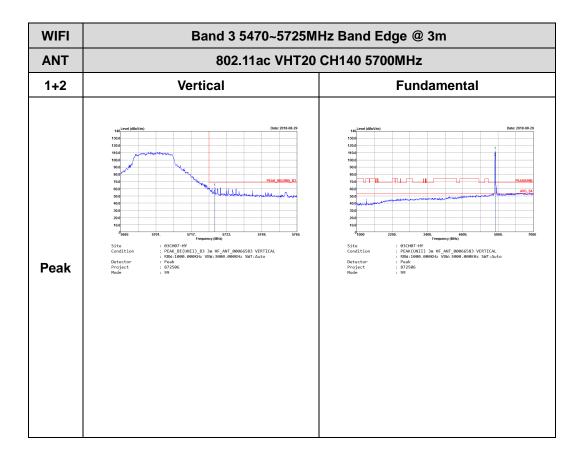


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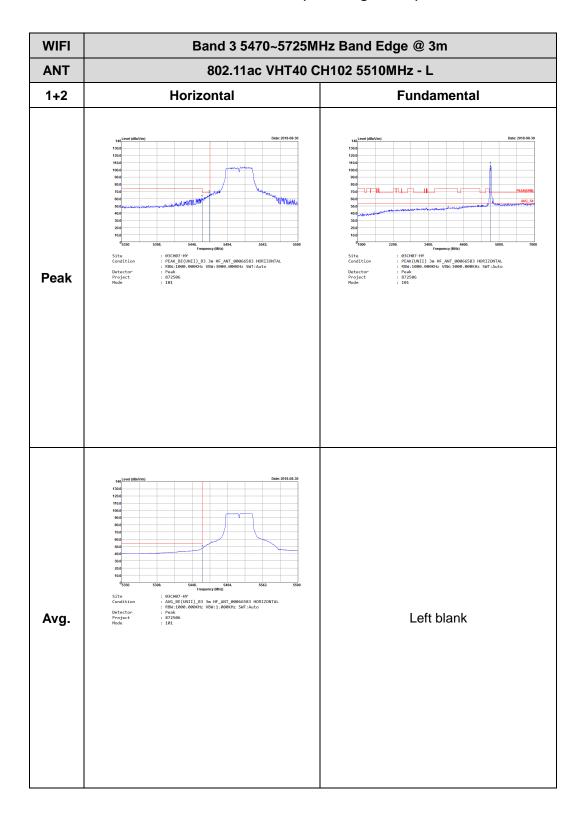




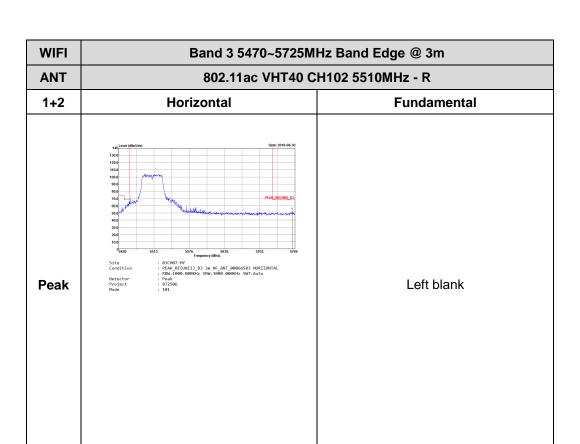
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Band 3 5470~5725MHz WIFI 802.11ac VHT40 (Band Edge @ 3m)

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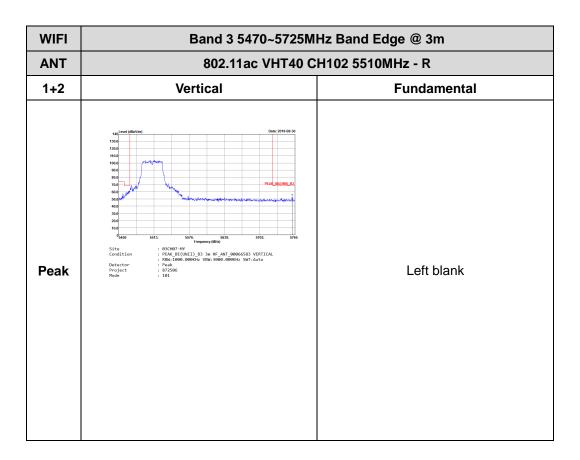
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WIFI Band 3 5470~5725MHz Band Edge @ 3m 802.11ac VHT40 CH102 5510MHz - L **ANT** 1+2 **Vertical Fundamental Peak** : 03CH07-HY : AVG_BE(UNII)_B3 3m HF_ANT_00066583 VERTICAL : RBW:1000,000KHz VBW:1.000KHz SWT:Auto : Peak : 872506 : 101 Left blank Avg.

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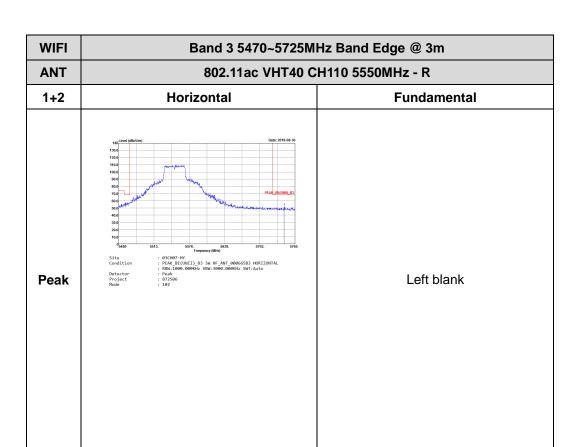
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Band 3 5470~5725MHz Band Edge @ 3m WIFI 802.11ac VHT40 CH110 5550MHz - L **ANT** 1+2 Horizontal **Fundamental Peak** Left blank Avg.

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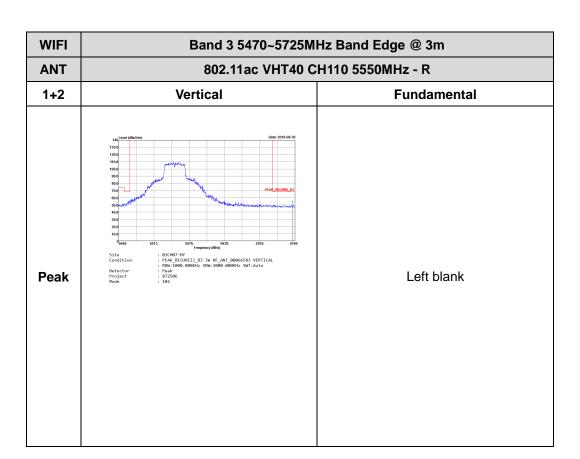
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Band 3 5470~5725MHz Band Edge @ 3m WIFI 802.11ac VHT40 CH110 5550MHz - L **ANT** 1+2 **Vertical Fundamental Peak** : 03CH07-HY : AVG_BE(UNII)_B3 3m HF_ANT_00066583 VERTICAL : RBW:10000.000KHz VBW:1.000KHz SWT:Auto : Peak : 872506 : 102 Left blank Avg.

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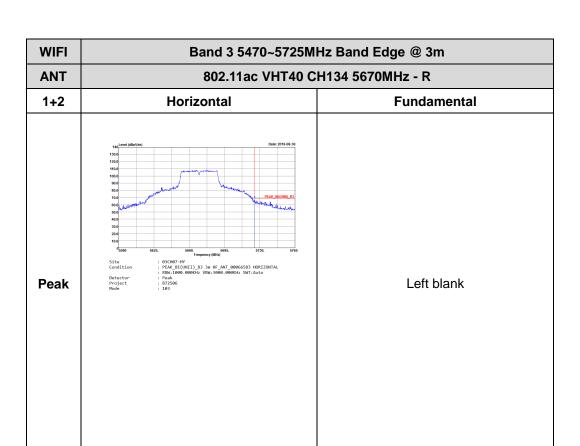
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Band 3 5470~5725MHz Band Edge @ 3m WIFI 802.11ac VHT40 CH134 5670MHz - L **ANT** 1+2 Horizontal **Fundamental Peak** Left blank Avg.

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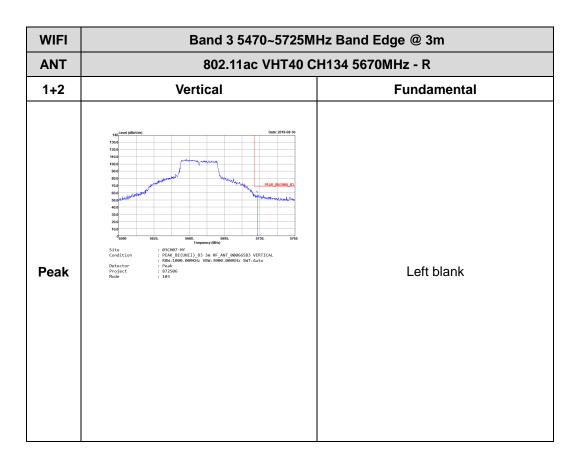
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Band 3 5470~5725MHz Band Edge @ 3m WIFI 802.11ac VHT40 CH134 5670MHz - L **ANT Vertical** 1+2 **Fundamental Peak** : 03CH07-HY : AVG_DE(UNII)_B3 3m HF_ANT_00066583 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto : Peak : 872506 : 103 Left blank Avg.

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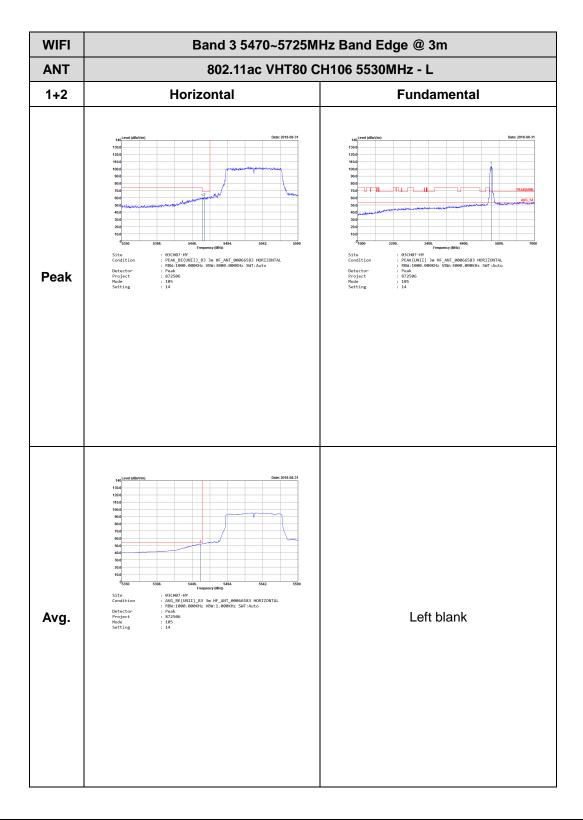
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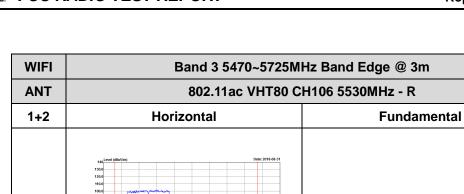
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Band 3 5470~5725MHz WIFI 802.11ac VHT80 (Band Edge @ 3m)

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Peak

Peak

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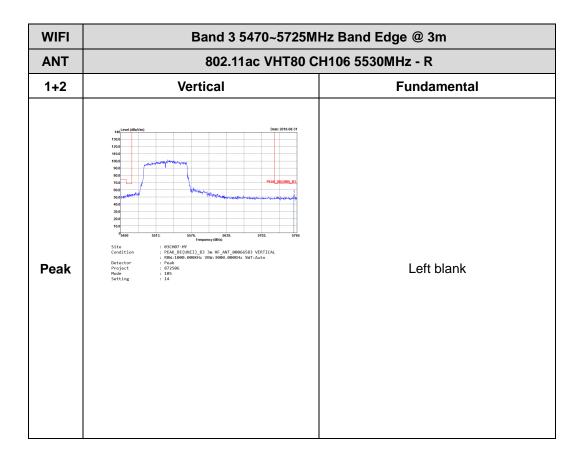


Band 3 5470~5725MHz Band Edge @ 3m WIFI 802.11ac VHT80 CH106 5530MHz - L **ANT** 1+2 **Vertical Fundamental Peak** | 103CH97-HY | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | 2046. | Left blank Avg.

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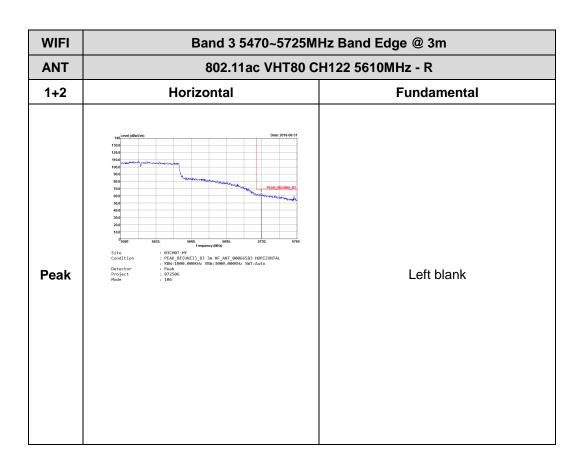
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Band 3 5470~5725MHz Band Edge @ 3m WIFI 802.11ac VHT80 CH122 5610MHz - L **ANT** 1+2 Horizontal **Fundamental Peak** Left blank Avg.

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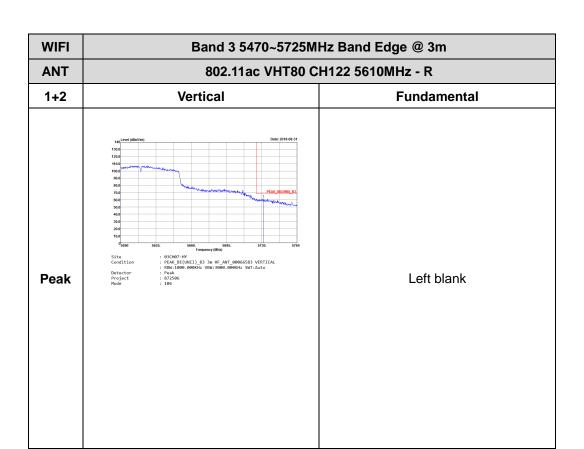
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WIFI Band 3 5470~5725MHz Band Edge @ 3m 802.11ac VHT80 CH122 5610MHz - L **ANT** 1+2 **Vertical Fundamental Peak** : 03CH07-HY : AVG_DE(UNII)_B3 3m HF_ANT_00066583 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto : Peak : 872506 : 106 Left blank Avg.

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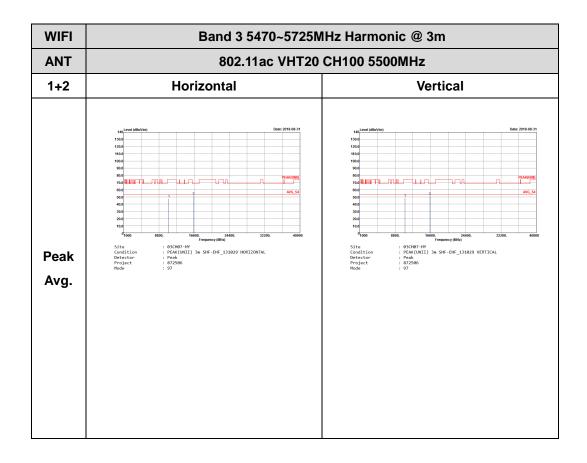
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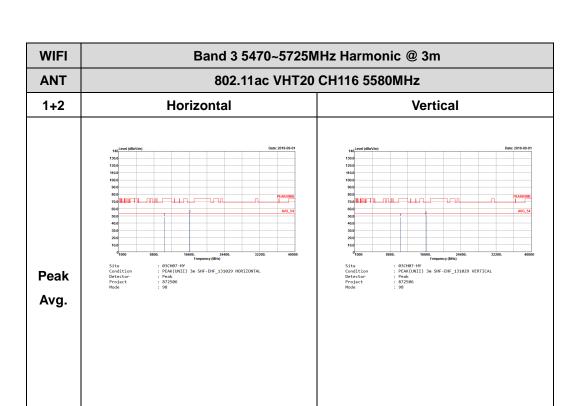
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Band 3 - 5470~5725MHz WIFI 802.11ac VHT20 (Harmonic @ 3m)

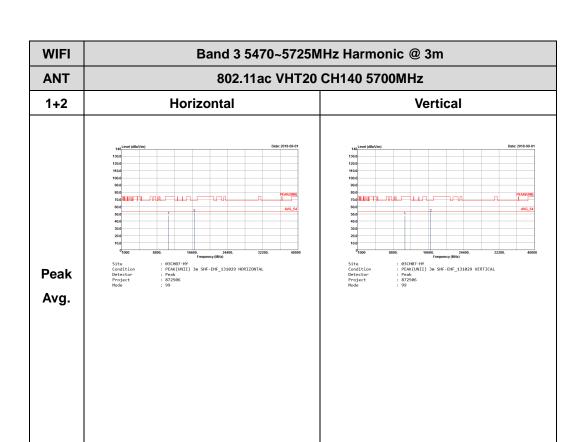
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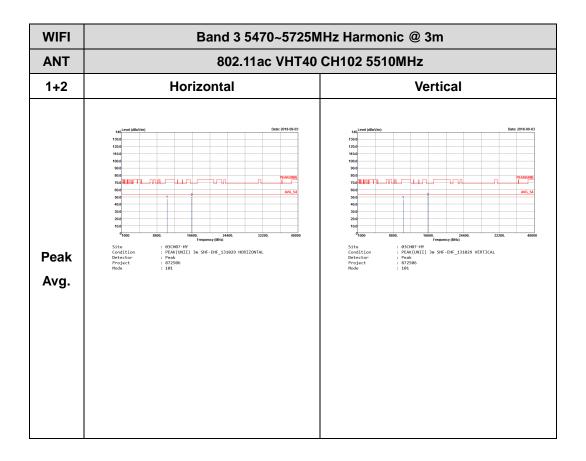
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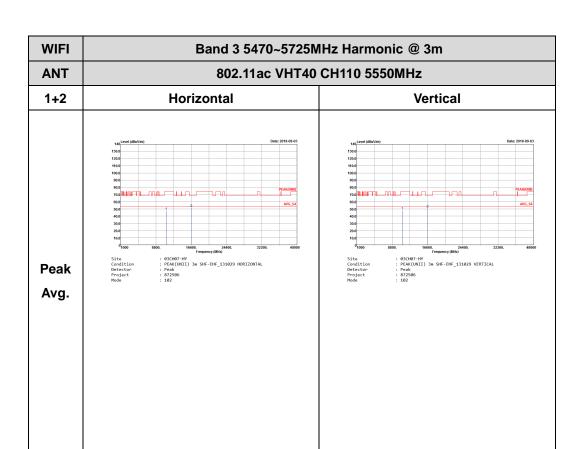
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Band 3 5470~5725MHz WIFI 802.11ac VHT40 (Harmonic @ 3m)

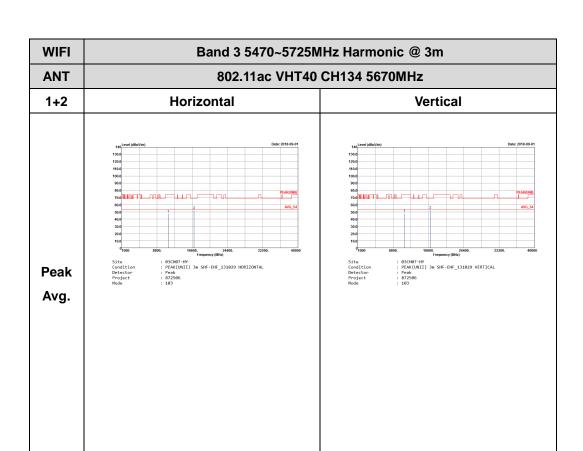
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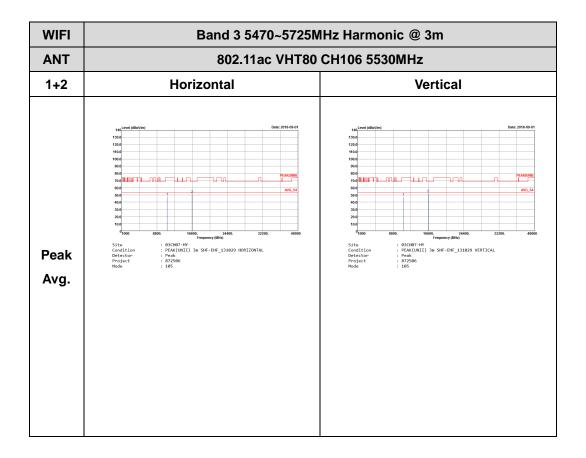
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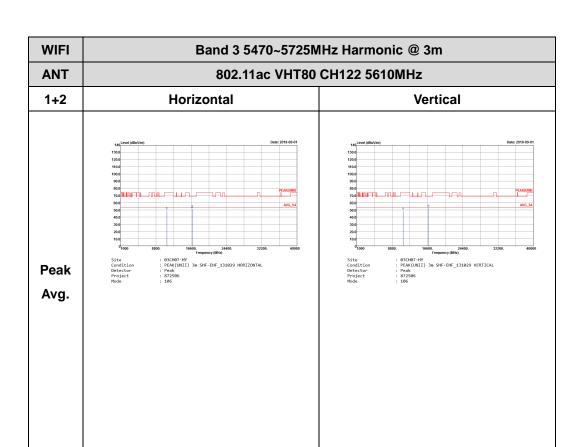
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Band 3 5470~5725MHz WIFI 802.11ac VHT80 (Harmonic @ 3m)

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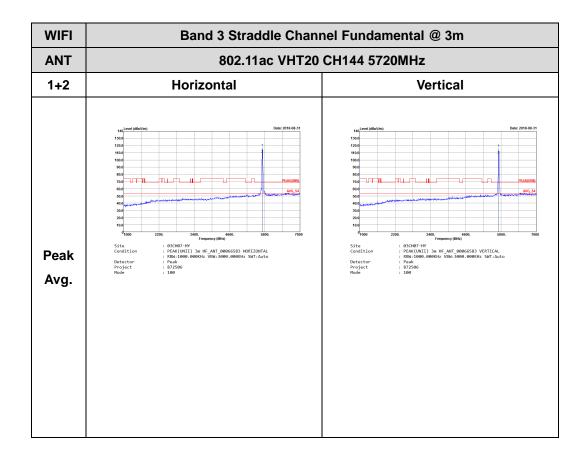
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Band 3 - Straddle Channel WIFI 802.11ac VHT20 (Fundamental @ 3m)

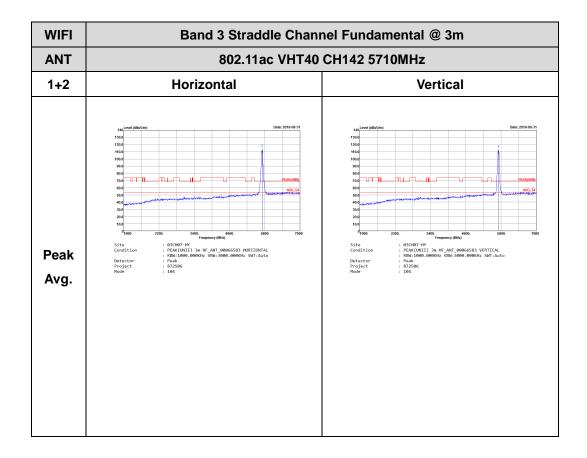
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Band 3 – Straddle Channel WIFI 802.11ac VHT40 (Fundamental @ 3m)

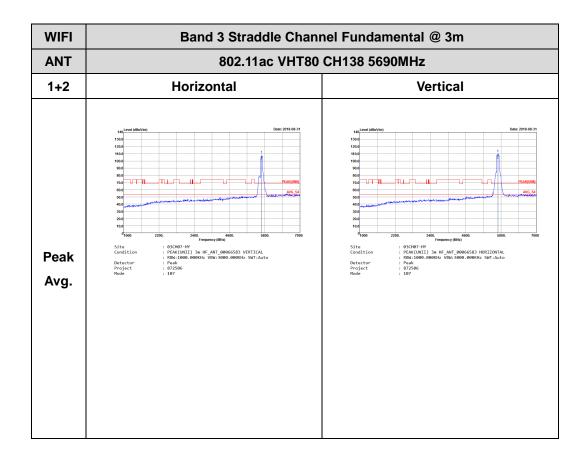
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Band 3 – Straddle Channel WIFI 802.11ac VHT80 (Fundamental @ 3m)

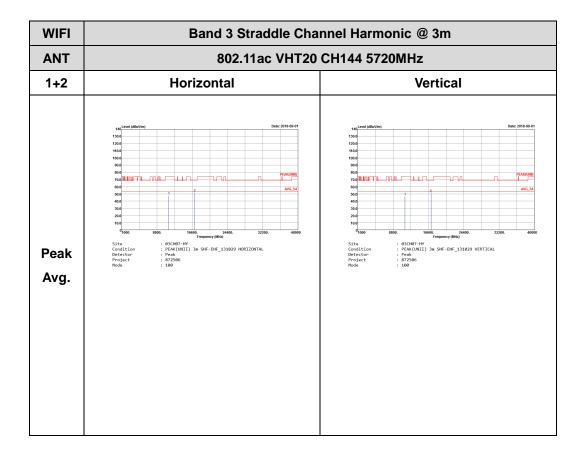
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Band 3 - Straddle Channel WIFI 802.11ac VHT20 (Harmonic @ 3m)

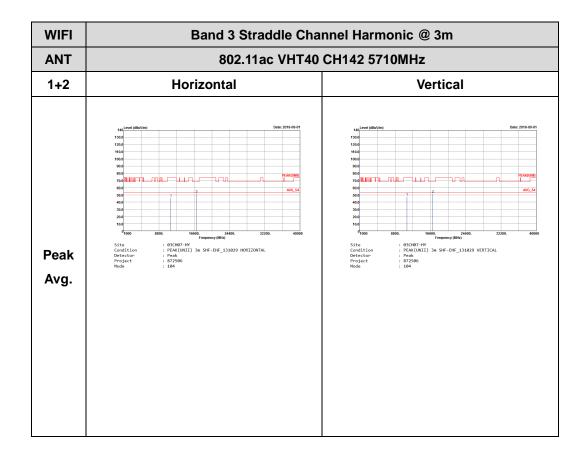
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Band 3 – Straddle Channel WIFI 802.11ac VHT40 (Harmonic @ 3m)

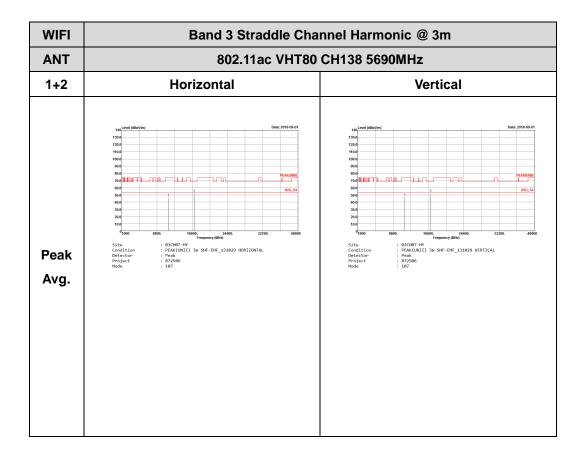
Report No.: FR872506E



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Band 3 – Straddle Channel WIFI 802.11ac VHT80 (Harmonic @ 3m)

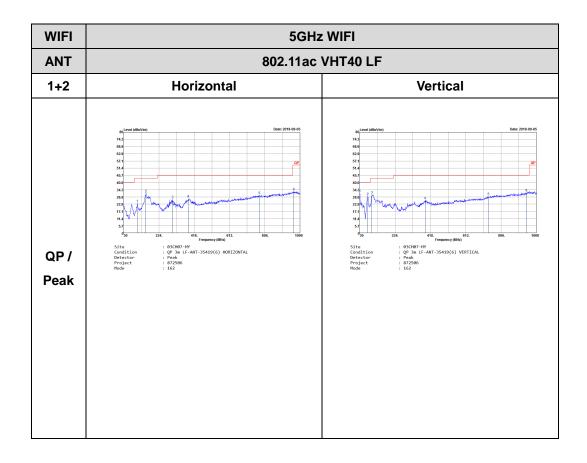
Report No.: FR872506E



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Emission below 1GHz 5GHz WIFI 802.11ac VHT40 (LF)

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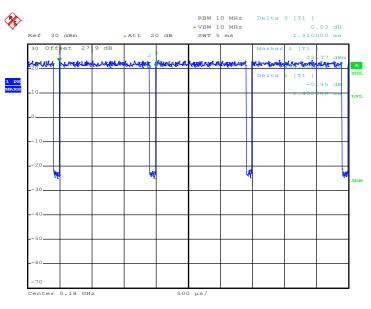
Appendix D. Duty Cycle Plots

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting	Duty Factor(dB)
1	802.11a	92.72	1400.00	0.71	1kHz	0.33
2	802.11a	93.36	1405.00	0.71	1kHz	0.30
1+2	802.11a for Ant. 1	93.96	1400.00	0.71	1kHz	0.27
1+2	802.11a for Ant. 2	92.67	1390.00	0.72	1kHz	0.33
1	5GHz 802.11n HT20	92.91	1310.00	0.76	1kHz	0.32
2	5GHz 802.11n HT20	92.25	1310.00	0.76	1kHz	0.35
1+2	5GHz 802.11n HT20 for Ant. 1	92.96	1320.00	0.76	1kHz	0.32
1+2	5GHz 802.11n HT20 for Ant. 2	92.25	1310.00	0.76	1kHz	0.35
1	5GHz 802.11n HT40	86.99	642.00	1.56	3kHz	0.61
2	5GHz 802.11n HT40	85.60	642.00	1.56	3kHz	0.68
1+2	5GHz 802.11n HT40 for Ant. 1	86.29	642.00	1.56	3kHz	0.64
1+2	5GHz 802.11n HT40 for Ant. 2	87.80	648.00	1.54	3kHz	0.57
1	5GHz 802.11ac VHT20	92.93	1315.00	0.76	1kHz	0.32
2	5GHz 802.11ac VHT20	92.31	1320.00	0.76	1kHz	0.35
1+2	5GHz 802.11ac VHT20 for Ant. 1	92.91	1310.00	0.76	1kHz	0.32
1+2	5GHz 802.11ac VHT20 for Ant. 2	93.62	1320.00	0.76	1kHz	0.29
1	5GHz 802.11ac VHT40	85.77	651.00	1.54	3kHz	0.67
2	5GHz 802.11ac VHT40	87.20	654.00	1.53	3kHz	0.59
1+2	5GHz 802.11ac VHT40 for Ant. 1	85.71	648.00	1.54	3kHz	0.67
1+2	5GHz 802.11ac VHT40 for Ant. 2	87.20	654.00	1.53	3kHz	0.59
1	5GHz 802.11ac VHT80	85.71	600.00	1.67	3kHz	0.67
2	5GHz 802.11ac VHT80	85.71	600.00	1.67	3kHz	0.67
1+2	5GHz 802.11ac VHT80 for Ant. 1	86.96	600.00	1.67	3kHz	0.61
1+2	5GHz 802.11ac VHT80 for Ant. 2	85.71	600.00	1.67	3kHz	0.67

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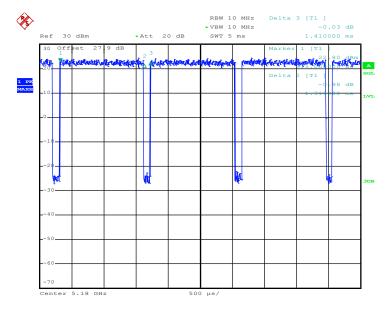
<Ant. 1>





Date: 28.MAY.2018 16:44:24

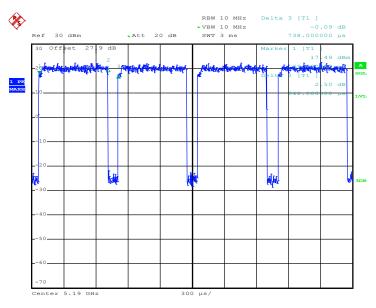
802.11n HT20



Date: 29.MAY.2018 13:32:53

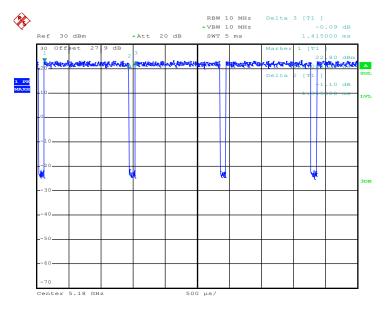
TEL: 886-3-327-3456 Page Number : D-2 of 13





Date: 29.MAY.2018 13:40:03

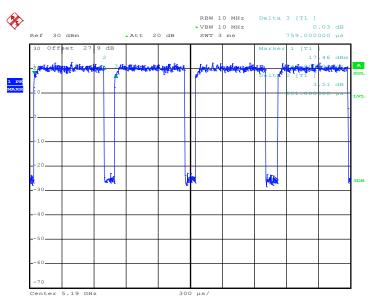
802.11ac VHT20



Date: 28.MAY.2018 16:49:32

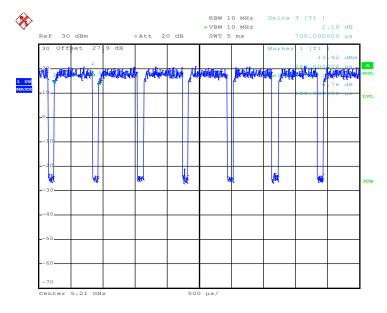
TEL: 886-3-327-3456 Page Number : D-3 of 13





Date: 29.MAY.2018 13:42:14

802.11ac VHT80

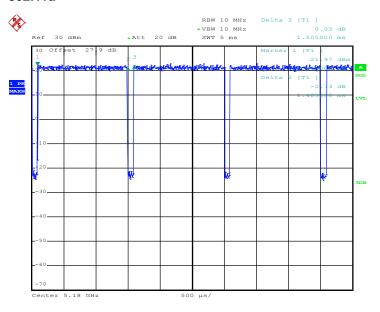


Date: 29.MAY.2018 13:46:37

TEL: 886-3-327-3456 Page Number : D-4 of 13

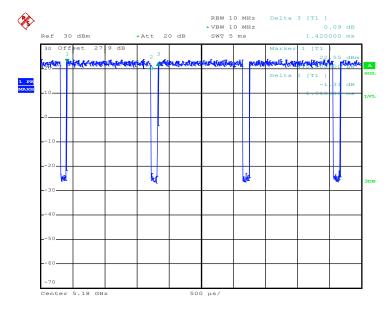
<Ant. 2>





Date: 28.MAY.2018 16:42:59

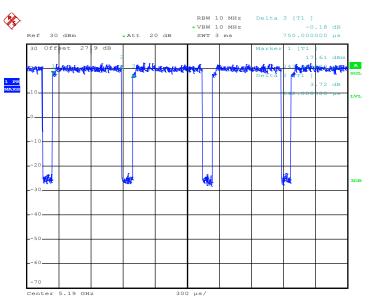
802.11n HT20



Date: 29.MAY.2018 13:33:35

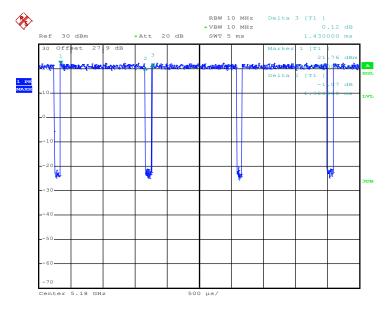
TEL: 886-3-327-3456 Page Number : D-5 of 13





Date: 29.MAY.2018 13:40:51

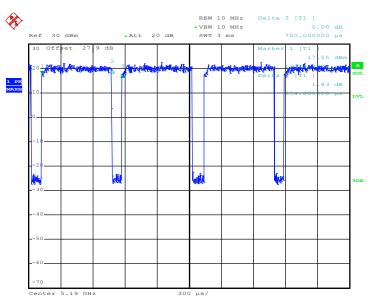
802.11ac VHT20



Date: 28.MAY.2018 16:50:32

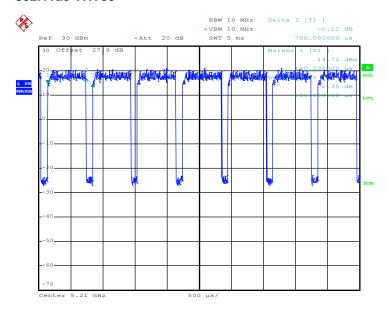
TEL: 886-3-327-3456 Page Number : D-6 of 13





Date: 29.MAY.2018 13:42:58

802.11ac VHT80



Date: 29.MAY.2018 13:45:18

TEL: 886-3-327-3456 Page Number : D-7 of 13

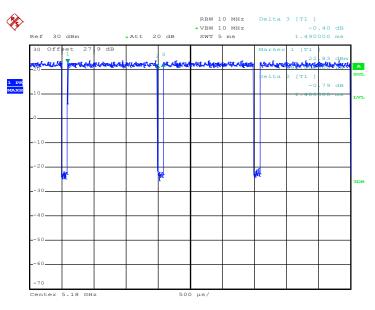


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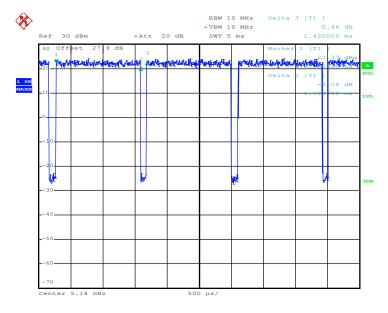
MIMO <Ant. 1>

802.11a



Date: 28.MAY.2018 16:25:00

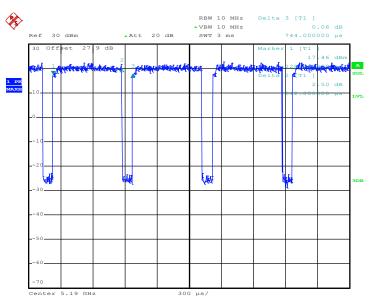
802.11n HT20



Date: 29.MAY.2018 13:36:39

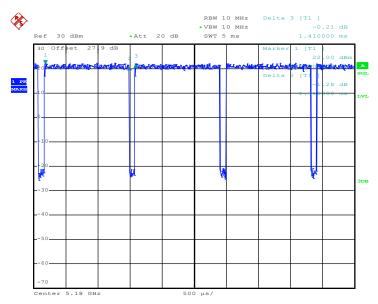
TEL: 886-3-327-3456 Page Number : D-8 of 13





Date: 29.MAY.2018 13:39:02

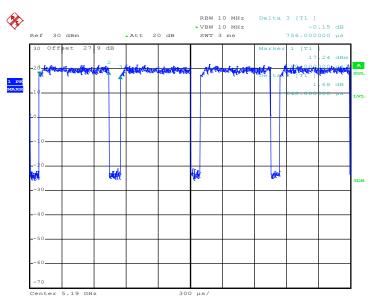
802.11ac VHT20



Date: 28.MAY.2018 16:54:15

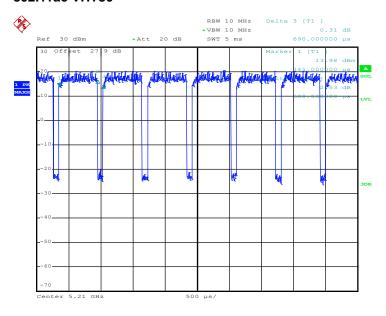
TEL: 886-3-327-3456 Page Number : D-9 of 13





Date: 28.MAY.2018 16:59:35

802.11ac VHT80



Date: 28.MAY.2018 17:02:05

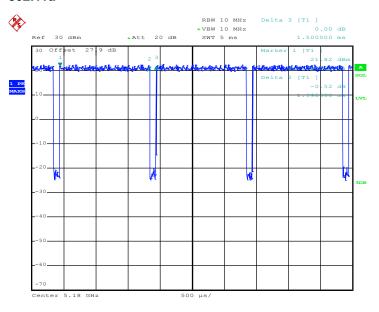
TEL: 886-3-327-3456 Page Number : D-10 of 13



FCC RADIO TEST REPORT

MIMO <Ant. 2>

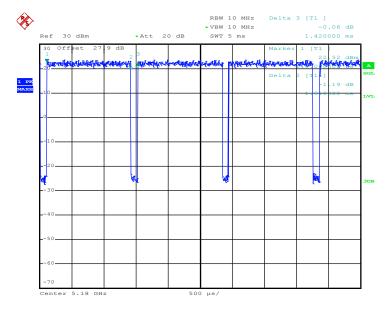
802.11a



Report No.: FR872506E

Date: 28.MAY.2018 16:25:46

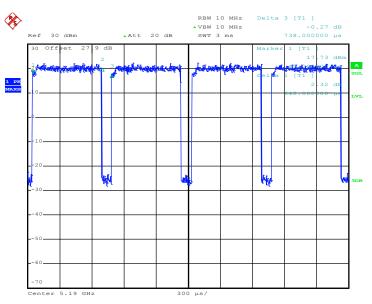
802.11n HT20



Date: 29.MAY.2018 13:37:17

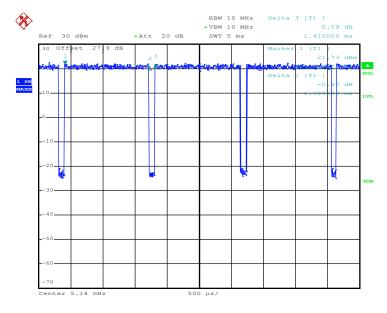
TEL: 886-3-327-3456 Page Number : D-11 of 13





Date: 29.MAY.2018 13:38:27

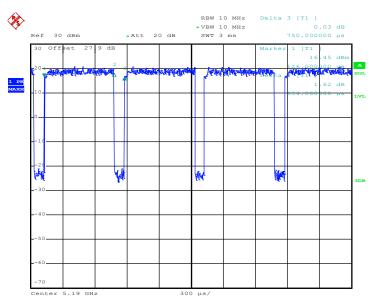
802.11ac VHT20



Date: 28.MAY.2018 16:58:25

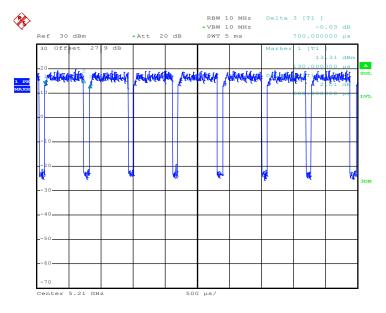
TEL: 886-3-327-3456 Page Number: D-12 of 13





Date: 28.MAY.2018 17:00:15

802.11ac VHT80



Date: 28.MAY.2018 17:02:42

TEL: 886-3-327-3456 Page Number : D-13 of 13