



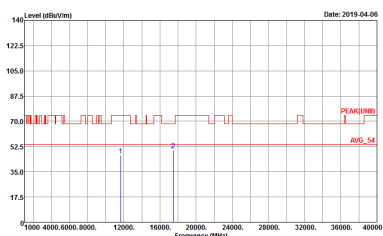
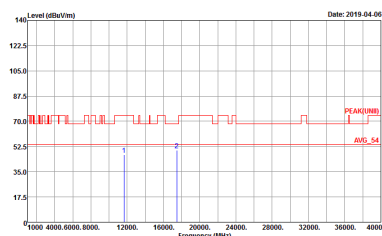
Band 4 5725~5850MHz
WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH149 5745MHz	
1+2	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1241 HORIZONTAL Detector : Peak Project : 922214 Mode : 150 Power : 14</p>	<p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1241 VERTICAL Detector : Peak Project : 922214 Mode : 150 Power : 14</p>



WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH157 5785MHz	
1+2	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH13-HV Condition : PEAK(UNII) 3m HORN_91200_1241 HORIZONTAL Detector : Peak Project : 922214 Mode : 151 Power : 14</p>	<p>Site : 03CH13-HV Condition : PEAK(UNII) 3m HORN_91200_1241 VERTICAL Detector : Peak Project : 922214 Mode : 151 Power : 14</p>



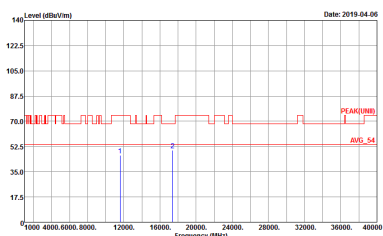
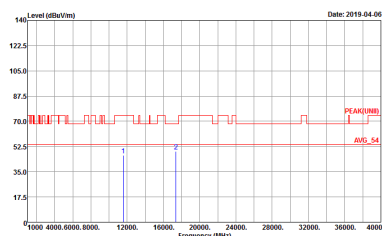
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH165 5825MHz	
1+2	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1241 HORIZONTAL Detector : Peak Project : 922214 Mode : 15Z Power : 14</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1241 VERTICAL Detector : Peak Project : 922214 Mode : 15Z Power : 14</p>



**Band 4 5725~5850MHz
WIFI 802.11ac VHT40 (Harmonic @ 3m)**

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH151 5755MHz	
1+2	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1241 HORIZONTAL Detector : Peak Project : 922214 Mode : 153 Power : 14</p>	<p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1241 VERTICAL Detector : Peak Project : 922214 Mode : 153 Power : 14</p>



WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH159 5795MHz	
1+2	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH12-HY Condition : PEAK(UNII) 3m HORN_91200_1241 HORIZONTAL Detector : Peak Project : 922214 Mode : 154 Power : 14</p>	 <p>Site : 03CH12-HY Condition : PEAK(UNII) 3m HORN_91200_1241 VERTICAL Detector : Peak Project : 922214 Mode : 154 Power : 14</p>



**Band 4 5725~5850MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)**

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH155 5775MHz	
1+2	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1241 HORIZONTAL Detector : Peak Project : 922214 Mode : 155 Power : 14</p>	<p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1241 VERTICAL Detector : Peak Project : 922214 Mode : 155 Power : 14</p>



Emission below 1GHz
5GHz WIFI 802.11ac VHT80 (LF)

WIFI	5GHz 5725-5850MHz	
ANT	802.11ac VHT80 LF	
1+2	Horizontal	Vertical
QP / Peak	<p>Site : 03CH13-HY Condition : QP_3m_B1LOG_37059401 HORIZONTAL Detector : Peak Project : 922214 Mode : 164</p>	<p>Site : 03CH13-HY Condition : QP_3m_B1LOG_37059401 VERTICAL Detector : Peak Project : 922214 Mode : 164</p>



<TXBF Mode>

Band 4 - 5725~5850MHz
WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH149 5745MHz	
1+2	Horizontal	Fundamental
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE(04)_16-24 3m HORN_91200_1241 HORIZONTAL Detector : Peak Project : 922214 Mode : 108 Power : 13.5</p>	<p>Site : 03CH13-HY Condition : PEAK(FUN) 3m HORN_91200_1241 HORIZONTAL Detector : Peak Project : 922214 Mode : 108 Power : 13.5</p>



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH149 5745MHz	
1+2	Vertical	Fundamental
<p>Peak Avg.</p>	<p>Site : 03CH12-HY Condition : PEAK_BE(84)_16-24 3m HORN_91200_1241 VERTICAL Detector : Peak Project : 922214 Mode : 108 Power : 13.5</p>	<p>Site : 03CH12-HY Condition : PEAK(UNII) 3m HORN_91200_1241 VERTICAL Detector : Peak Project : 922214 Mode : 108 Power : 13.5</p>

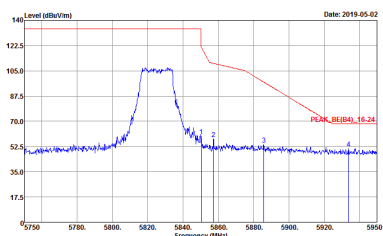
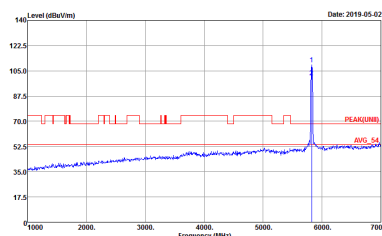


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH157 5785MHz	
1+2	Horizontal	Fundamental
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE(B4)_16-24 3m HORN_91200_1241 HORIZONTAL Detector : Peak Project : 922214 Mode : 109 Power : 13.5</p>	<p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1241 HORIZONTAL Detector : Peak Project : 922214 Mode : 109 Power : 13.5</p>
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE(B4)_16-24 3m HORN_91200_1241 HORIZONTAL Detector : Peak Project : 922214 Mode : 109 Power : 13.5</p>	Left blank

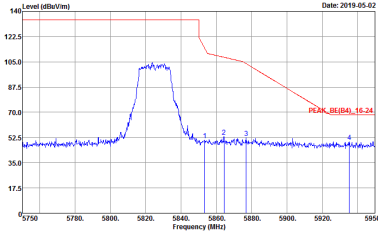
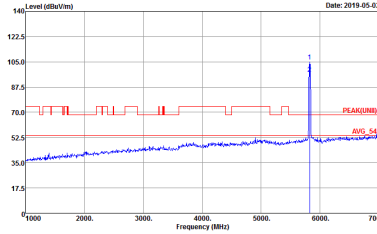


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH157 5785MHz	
1+2	Vertical	Fundamental
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE(04)_16-24 3m HORN_91200_1241 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 922214 Mode : 109 Power : 13.5</p>	<p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1241 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 922214 Mode : 109 Power : 13.5</p>
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE(04)_16-24 3m HORN_91200_1241 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 922214 Mode : 109 Power : 13.5</p>	Left blank



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH165 5825MHz	
1+2	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE(B4)_16-24 3m HORN_91200_1241 HORIZONTAL Detector : Peak Project : 922214 Mode : 110 Power : 13.5</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1241 HORIZONTAL Detector : Peak Project : 922214 Mode : 110 Power : 13.5</p>



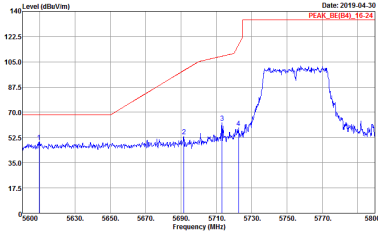
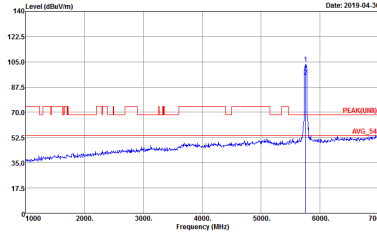
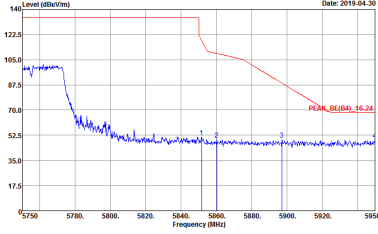
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH165 5825MHz	
1+2	Vertical	Fundamental
Peak Avg.	 <p>Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_91200_1241 VERTICAL Detector : Peak Project : 922214 Mode : 110 Power : 13.5</p>	 <p>Site : 03CH12-HY Condition : PEAK(UNII) 3m HORN_91200_1241 VERTICAL Detector : Peak Project : 922214 Mode : 110 Power : 13.5</p>



Band 4 5725~5850MHz
WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH151 5755MHz	
1+2	Horizontal	Fundamental
<p align="center">Peak</p>	<p>Site : 03CH13-HY Condition : PEAK_BE(84)_16-24 3m HORN_91200_1241 HORIZONTAL Detector : Peak Project : 922214 Mode : 111 Power : 13.5</p>	<p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_91200_1241 HORIZONTAL Detector : Peak Project : 922214 Mode : 111 Power : 13.5</p>
<p align="center">Peak</p>	<p>Site : 03CH13-HY Condition : PEAK_BE(84)_16-24 3m HORN_91200_1241 HORIZONTAL Detector : Peak Project : 922214 Mode : 111 Power : 13.5</p>	<p align="center">Left blank</p>



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH151 5755MHz	
1+2	Vertical	Fundamental
<p>Peak</p>	 <p>Site : 03CH13-HY Condition : PEAK_BE(B4)_16-24 3m HORN_91200_1241 VERTICAL Detector : Peak Project : 922214 Mode : 111 Power : 13.5</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1241 VERTICAL Detector : Peak Project : 922214 Mode : 111 Power : 13.5</p>
<p>Peak</p>	 <p>Site : 03CH13-HY Condition : PEAK_BE(B4)_16-24 3m HORN_91200_1241 VERTICAL Detector : Peak Project : 922214 Mode : 111 Power : 13.5</p>	<p>Left blank</p>



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH159 5795MHz	
1+2	Horizontal	Fundamental
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE(B4)_16-24 3m HORN_91200_1241 HORIZONTAL Detector : Peak Project : 922214 Mode : 112 Power : 13.5</p>	<p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1241 HORIZONTAL Detector : Peak Project : 922214 Mode : 112 Power : 13.5</p>
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE(B4)_16-24 3m HORN_91200_1241 HORIZONTAL Detector : Peak Project : 922214 Mode : 112 Power : 13.5</p>	Left blank



WIFI	Band 4 5725-5850MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH159 5795MHz	
1+2	Vertical	Fundamental
<p>Peak</p>	<p>Date: 2019-04-30 PEAK_BE(B4)_16-24</p> <p>Site : 03CH13-HY Condition : PEAK_BE(B4)_16-24 3m HORN_91200_1241 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 922214 Mode : 112 Power : 13.5</p>	<p>Date: 2019-04-30 PEAK(BE)</p> <p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1241 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 922214 Mode : 112 Power : 13.5</p>
<p>Peak</p>	<p>Date: 2019-04-30 PEAK_BE(B4)_16-24</p> <p>Site : 03CH13-HY Condition : PEAK_BE(B4)_16-24 3m HORN_91200_1241 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 922214 Mode : 112 Power : 13.5</p>	<p>Left blank</p>



Band 4 5725~5850MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH155 5775MHz	
1+2	Horizontal	Fundamental
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE(84)_16-24 3m HORN_91200_1241 HORIZONTAL Detector : Peak Project : 922214 Mode : 113 Power : 13.5</p>	<p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_91200_1241 HORIZONTAL Detector : Peak Project : 922214 Mode : 113 Power : 13.5</p>
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE(84)_16-24 3m HORN_91200_1241 HORIZONTAL Detector : Peak Project : 922214 Mode : 113 Power : 13.5</p>	Left blank



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH155 5775MHz	
1+2	Vertical	Fundamental
<p>Peak</p>	<p>Site : 03CH13-HY Condition : PEAK_BE(B4)_16-24 3m HORN_91200_1241 VERTICAL Detector : Peak Project : 922214 Mode : 113 Power : 13.5</p>	<p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1241 VERTICAL Detector : Peak Project : 922214 Mode : 113 Power : 13.5</p>
<p>Peak</p>	<p>Site : 03CH13-HY Condition : PEAK_BE(B4)_16-24 3m HORN_91200_1241 VERTICAL Detector : Peak Project : 922214 Mode : 113 Power : 13.5</p>	<p>Left blank</p>



Band 4 - 5725~5850MHz
WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH149 5745MHz	
1+2	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH13-1FY Condition : PEAK(LINE) 3m HORN_91200_1241 HORIZONTAL Detector : Peak Project : 922214 Mode : 100 Power : 13.5</p>	<p>Site : 03CH13-1FY Condition : PEAK(LINE) 3m HORN_91200_1241 VERTICAL Detector : Peak Project : 922214 Mode : 100 Power : 13.5</p>



WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH157 5785MHz	
1+2	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1241 HORIZONTAL Detector : Peak Project : 922214 Mode : 109 Power : 13.5</p>	<p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1241 VERTICAL Detector : Peak Project : 922214 Mode : 109 Power : 13.5</p>



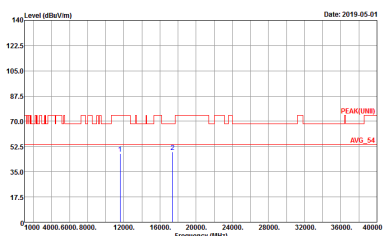
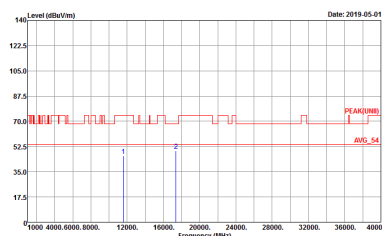
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH165 5825MHz	
1+2	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH13-HV Condition : PEAK(UNII) 3m HORN_91200_1241 HORIZONTAL Detector : Peak Project : 922214 Mode : 110 Power : 13.5</p>	<p>Site : 03CH13-HV Condition : PEAK(UNII) 3m HORN_91200_1241 VERTICAL Detector : Peak Project : 922214 Mode : 110 Power : 13.5</p>



Band 4 5725~5850MHz
WIFI 802.11ac VHT40 (Harmonic @ 3m)

Table with 3 columns: WIFI, ANT, 1+2. It contains two spectral plots: Horizontal and Vertical. Each plot shows Level (dBuV/m) vs Frequency (MHz) with peak and average values. Metadata for both plots includes Site, Condition, Detector, Project, Mode, and Power.



WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH159 5795MHz	
1+2	Horizontal	Vertical
Peak Avg.	 <p> Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1241 HORIZONTAL Detector : Peak Project : 922214 Mode : 11Z Power : 13.5 </p>	 <p> Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1241 VERTICAL Detector : Peak Project : 922214 Mode : 11Z Power : 13.5 </p>



**Band 4 5725~5850MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)**

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH155 5775MHz	
1+2	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1241 HORIZONTAL Detector : Peak Project : 922214 Mode : 113 Power : 13.5</p>	<p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1241 VERTICAL Detector : Peak Project : 922214 Mode : 113 Power : 13.5</p>



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

WIFI	5GHz 5725-5850MHz	
ANT	802.11ac VHT40 LF	
1+2	Horizontal	Vertical
QP / Peak	<p>Site : 03CH13-HY Condition : QP 3m B1LOG_37059401 HORIZONTAL Detector : Peak Project : 922214 Mode : 162</p>	<p>Site : 03CH13-HY Condition : QP 3m B1LOG_37059401 VERTICAL Detector : Peak Project : 922214 Mode : 162</p>



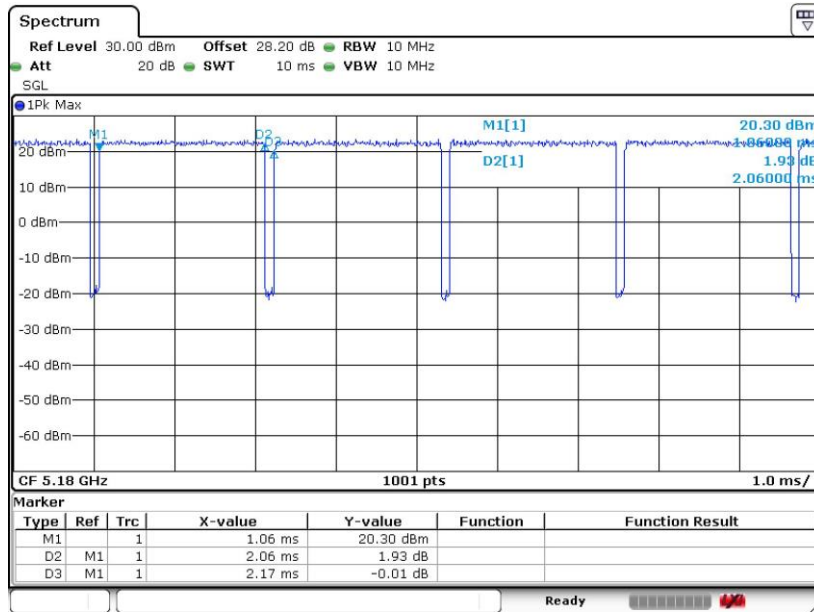
Appendix D. Duty Cycle Plots

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting	Duty Factor(dB)
1	802.11a	94.93	2060	0.49	1kHz	0.23
2	802.11a	95.39	2070	0.48	1kHz	0.20
1+2	802.11a for Ant. 1	95.39	2070	0.48	1kHz	0.20
1+2	802.11a for Ant. 2	95.39	2070	0.48	1kHz	0.20
1	5GHz 802.11n HT20	94.58	1920	0.52	1kHz	0.24
2	5GHz 802.11n HT20	94.58	1920	0.52	1kHz	0.24
1+2	5GHz 802.11n HT20 for Ant. 1	94.58	1920	0.52	1kHz	0.24
1+2	5GHz 802.11n HT20 for Ant. 2	94.58	1920	0.52	1kHz	0.24
1	5GHz 802.11n HT40	89.52	940	1.06	3kHz	0.48
2	5GHz 802.11n HT40	89.62	950	1.05	3kHz	0.48
1+2	5GHz 802.11n HT40 for Ant. 1	89.62	950	1.05	3kHz	0.48
1+2	5GHz 802.11n HT40 for Ant. 2	90.38	940	1.06	3kHz	0.44
1	5GHz 802.11ac VHT20	95.10	1940	0.52	1kHz	0.22
2	5GHz 802.11ac VHT20	94.61	1930	0.52	1kHz	0.24
1+2	5GHz 802.11ac VHT20 for Ant. 1	94.61	1930	0.52	1kHz	0.24
1+2	5GHz 802.11ac VHT20 for Ant. 2	95.10	1940	0.52	1kHz	0.22
1	5GHz 802.11ac VHT40	90.48	950	1.05	3kHz	0.43
2	5GHz 802.11ac VHT40	89.62	950	1.05	3kHz	0.48
1+2	5GHz 802.11ac VHT40 for Ant. 1	91.35	950	1.05	3kHz	0.39
1+2	5GHz 802.11ac VHT40 for Ant. 2	90.57	960	1.04	3kHz	0.43
1	5GHz 802.11ac VHT80	89.02	730	1.37	3kHz	0.51
2	5GHz 802.11ac VHT80	89.16	740	1.35	3kHz	0.50
1+2	5GHz 802.11ac VHT80 for Ant. 1	89.02	730	1.37	3kHz	0.51
1+2	5GHz 802.11ac VHT80 for Ant. 2	89.02	730	1.37	3kHz	0.51



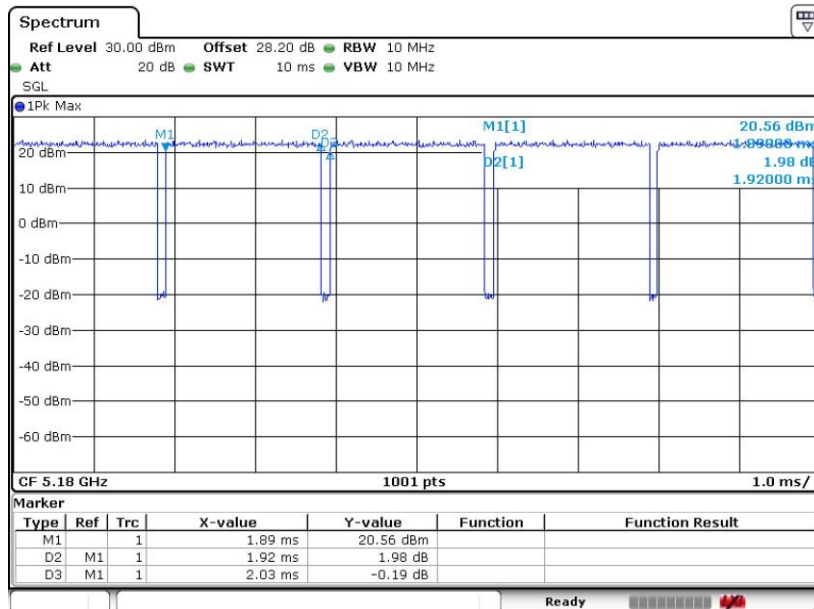
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802.11a



Date: 3.APR.2019 23:15:50

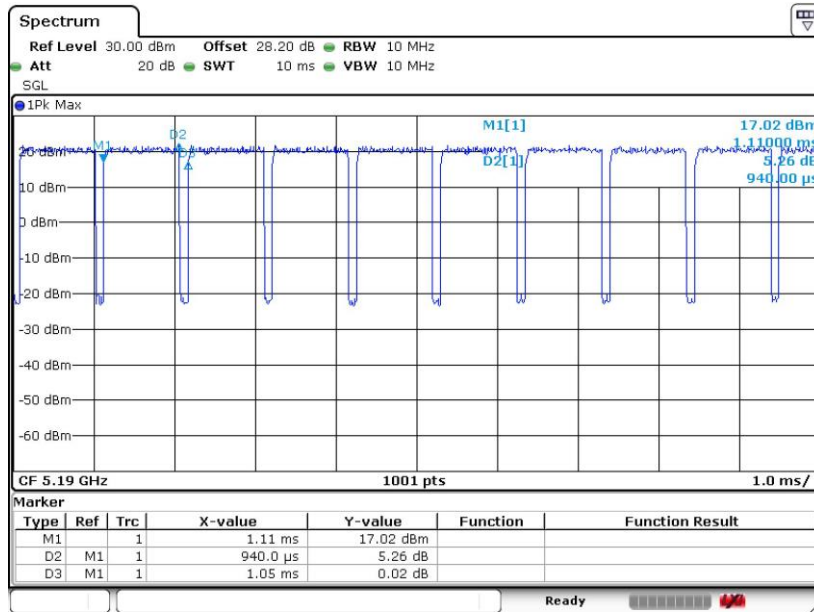
802.11n HT20



Date: 3.APR.2019 23:19:02

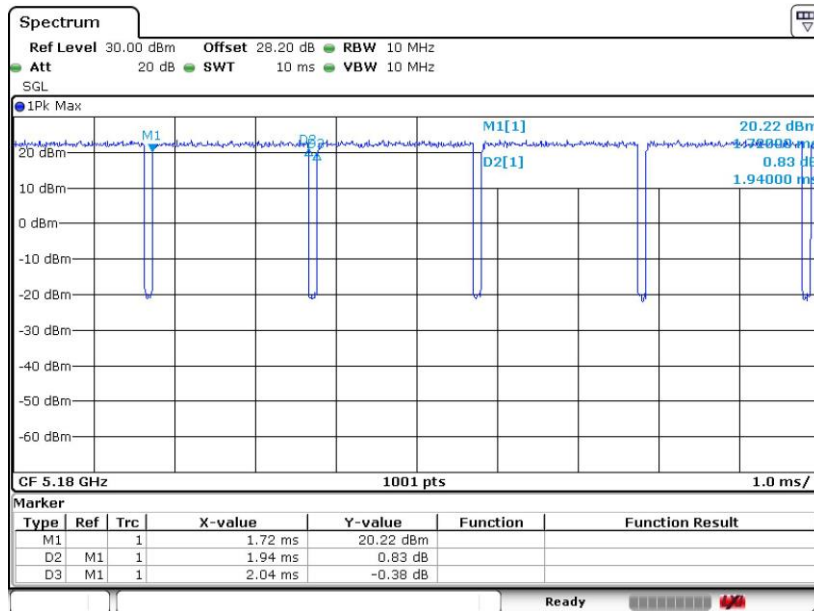


802.11n HT40



Date: 3.APR.2019 23:25:44

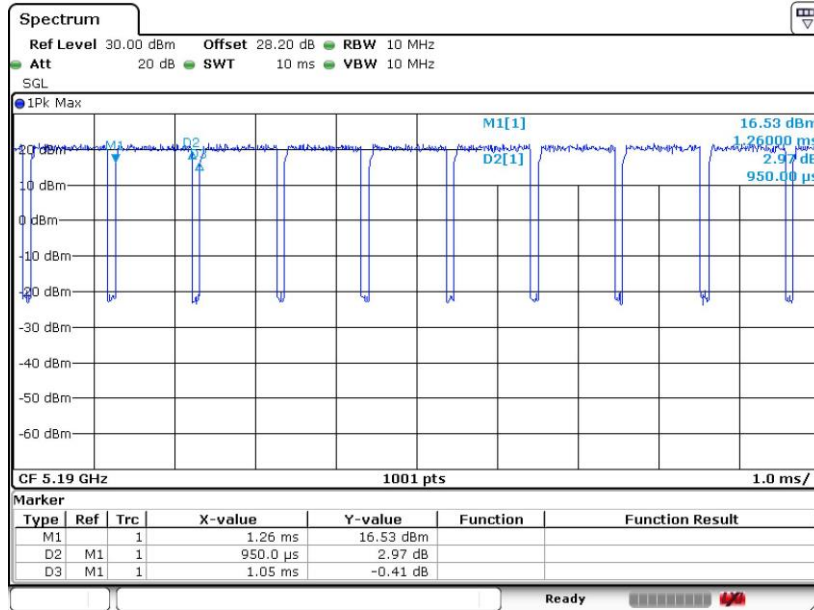
802.11ac VHT20



Date: 3.APR.2019 23:22:14

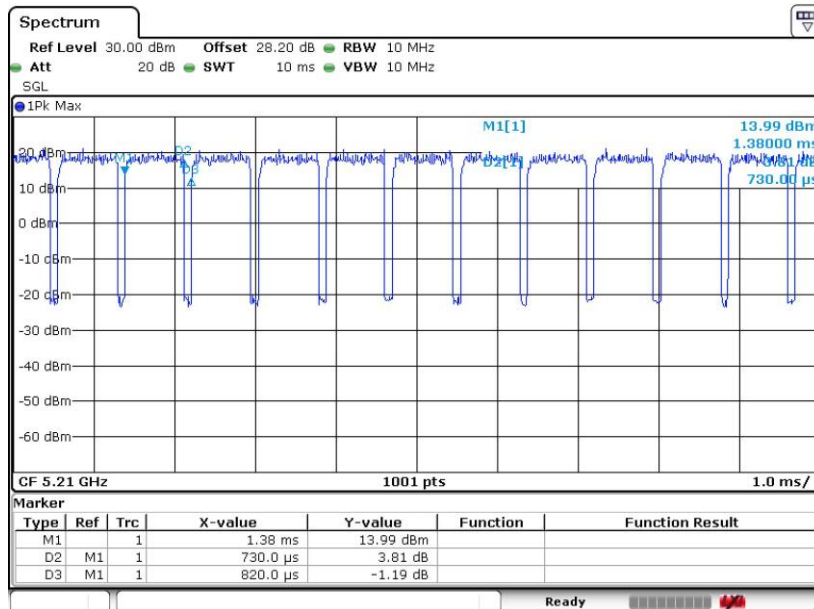


802.11ac VHT40



Date: 3.APR.2019 23:30:31

802.11ac VHT80

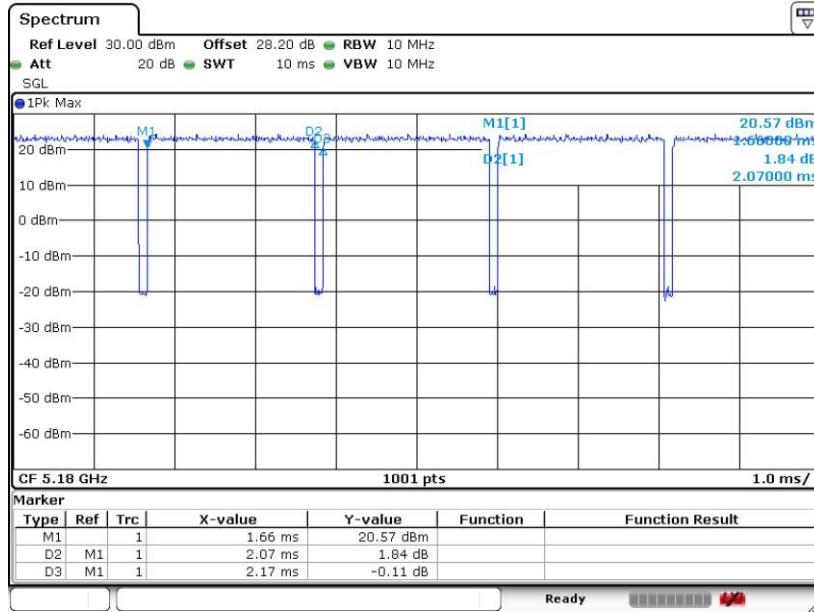


Date: 3.APR.2019 23:35:29



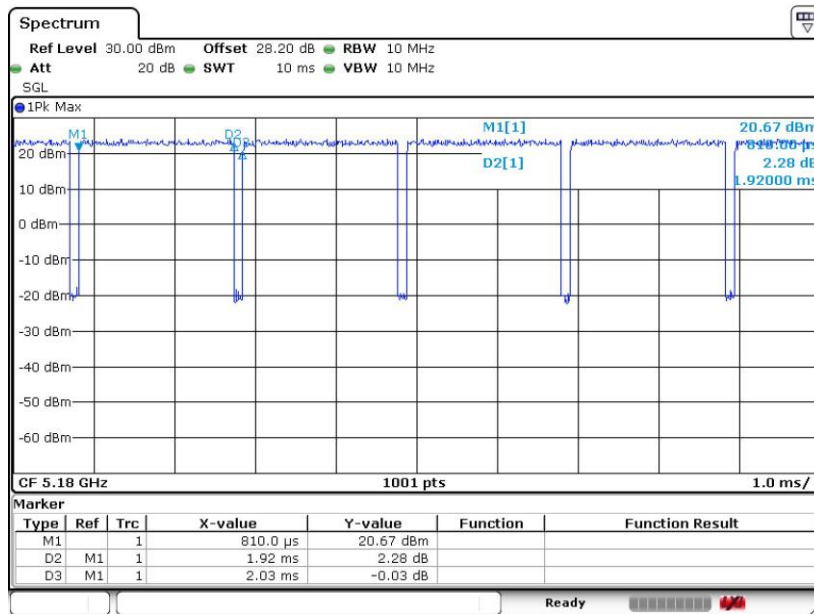
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802.11a



Date: 3.APR.2019 23:16:31

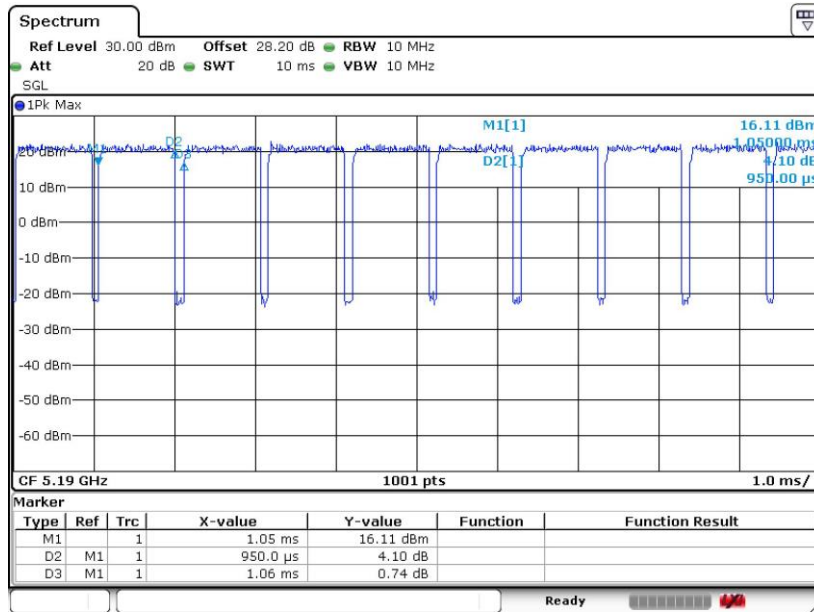
802.11n HT20



Date: 3.APR.2019 23:19:40

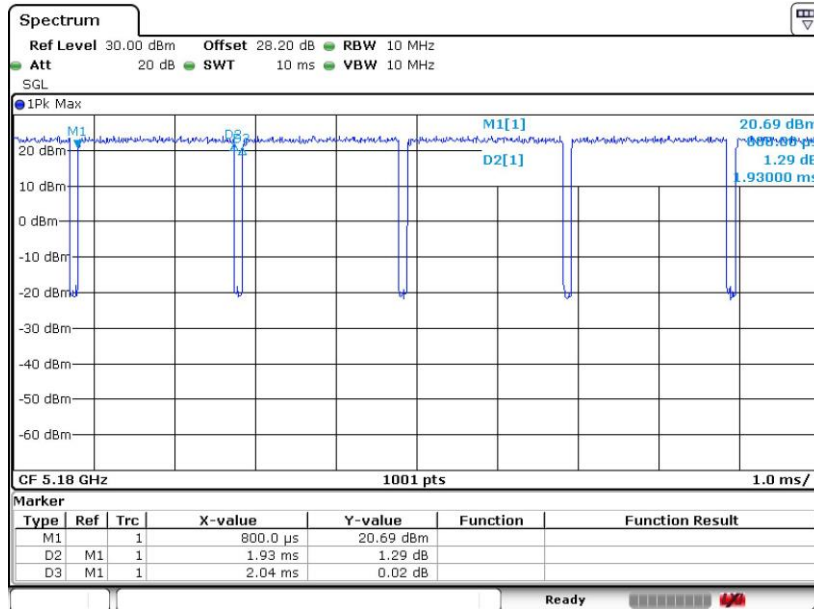


802.11n HT40



Date: 3.APR.2019 23:27:21

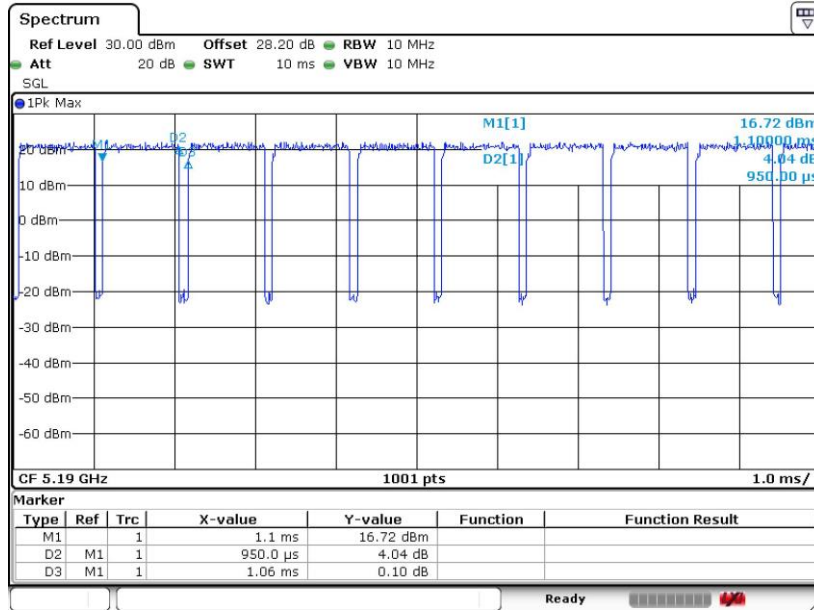
802.11ac VHT20



Date: 3.APR.2019 23:22:53

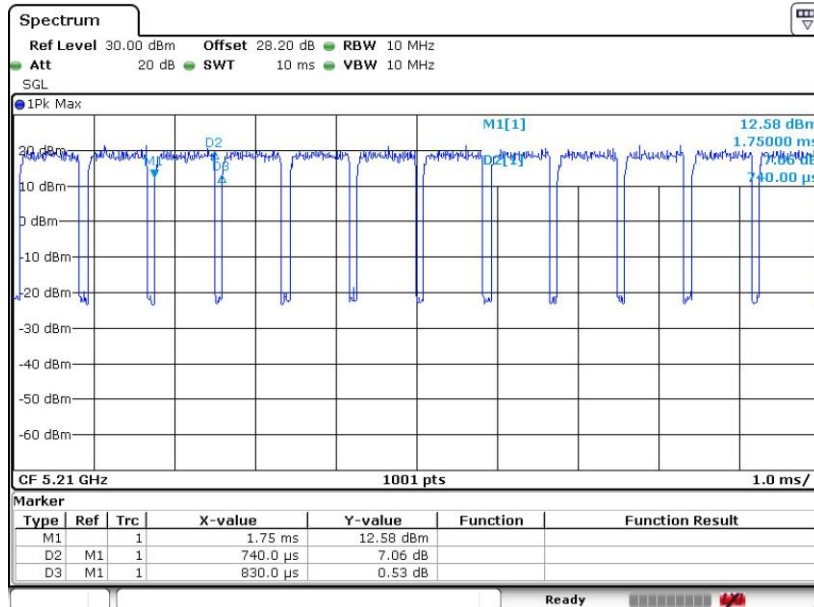


802.11ac VHT40



Date: 3.APR.2019 23:31:22

802.11ac VHT80

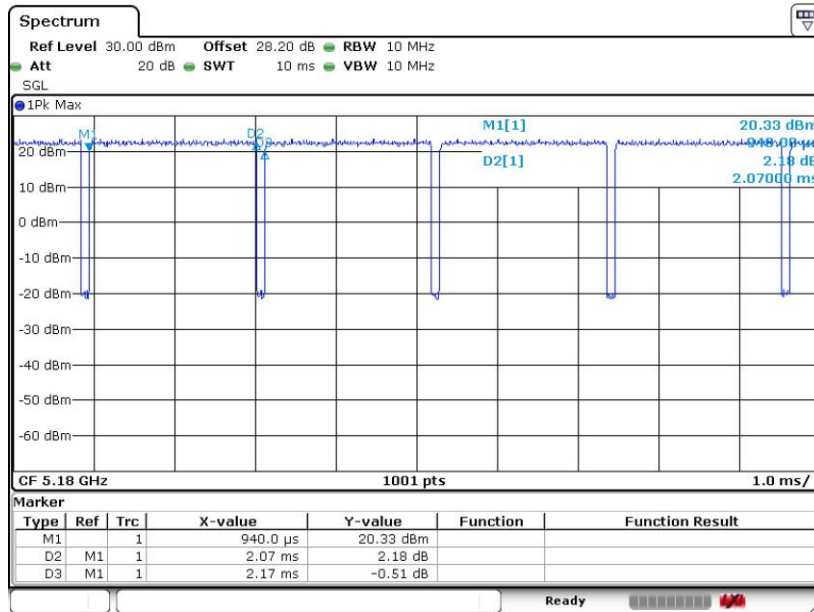


Date: 3.APR.2019 23:36:14



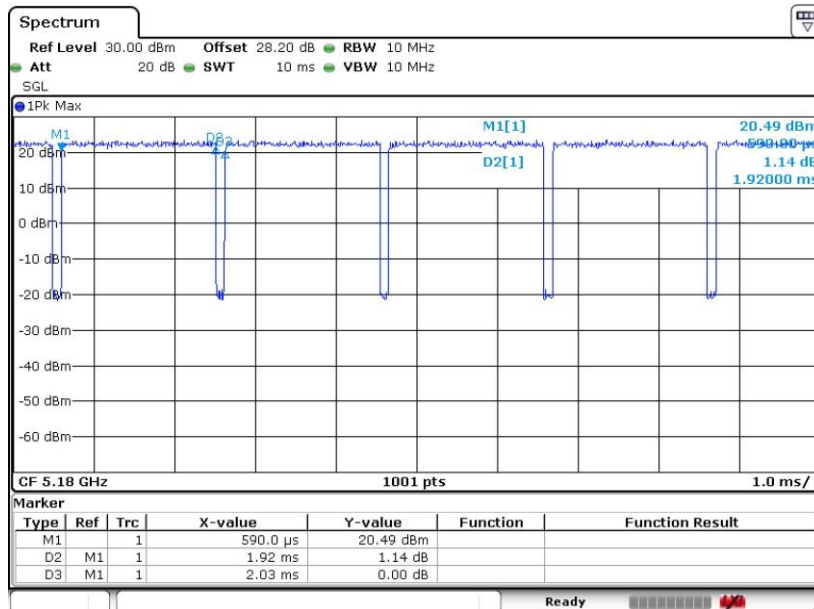
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802.11 a



Date: 3.APR.2019 23:14:03

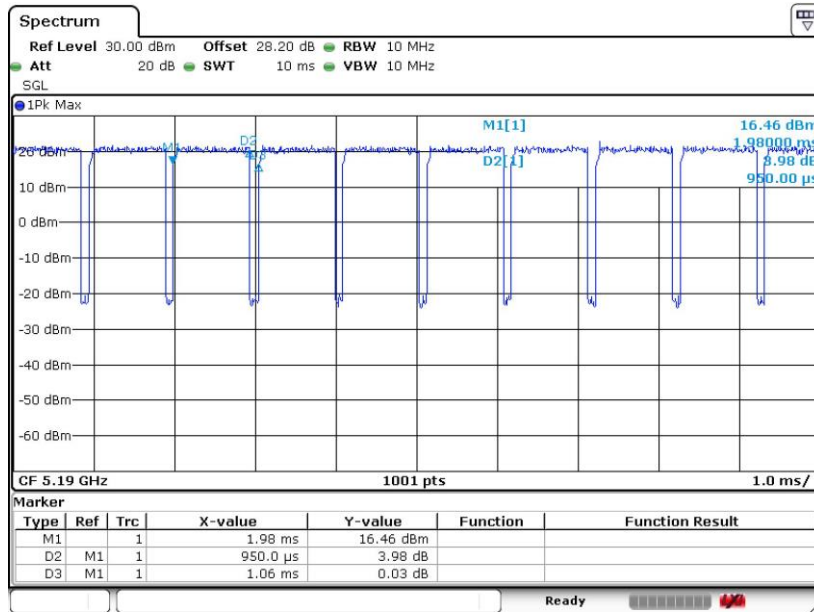
802.11n HT20



Date: 3.APR.2019 23:17:30

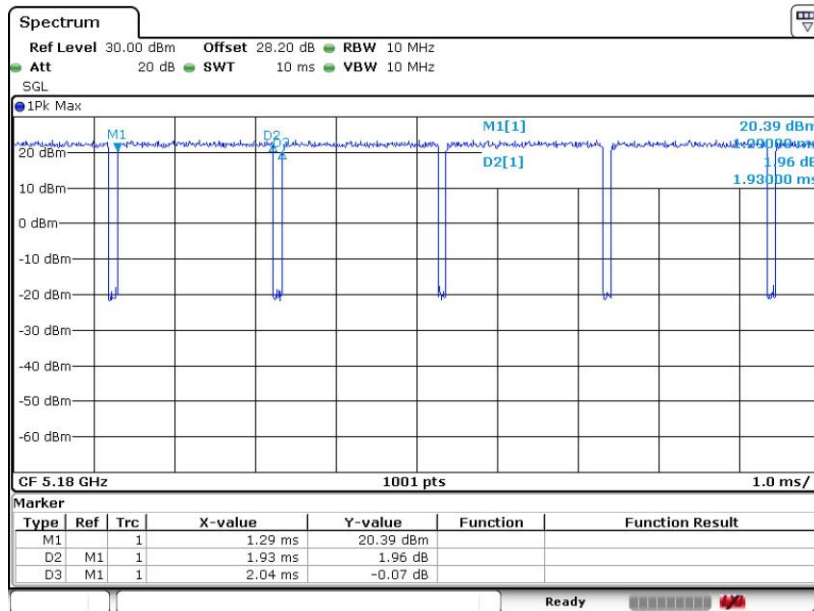


802.11n HT40



Date: 3.APR.2019 23:23:54

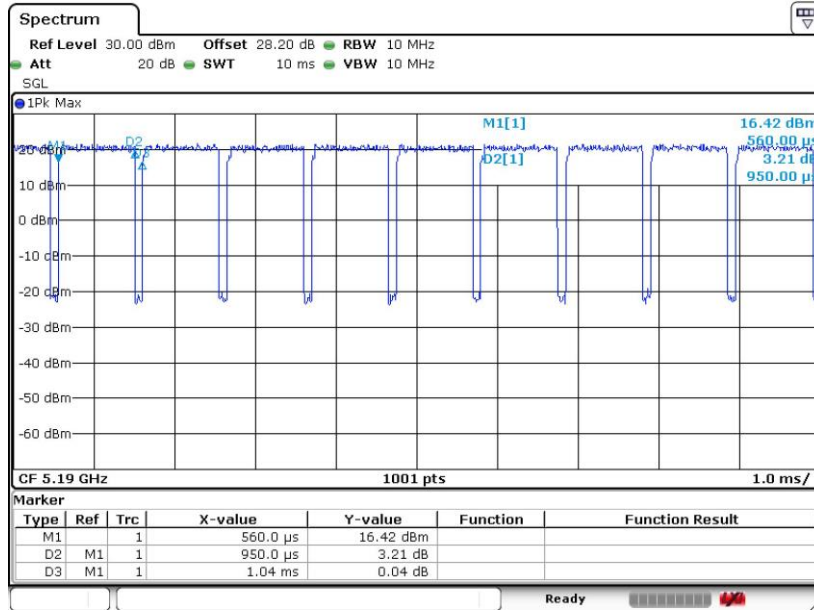
802.11ac VHT20



Date: 3.APR.2019 23:20:40

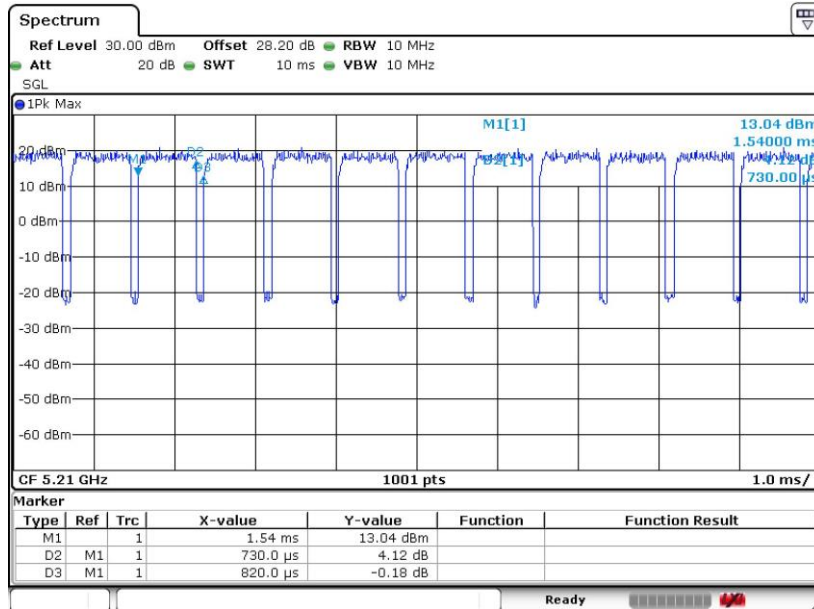


802.11ac VHT40



Date: 3.APR.2019 23:28:36

802.11ac VHT80

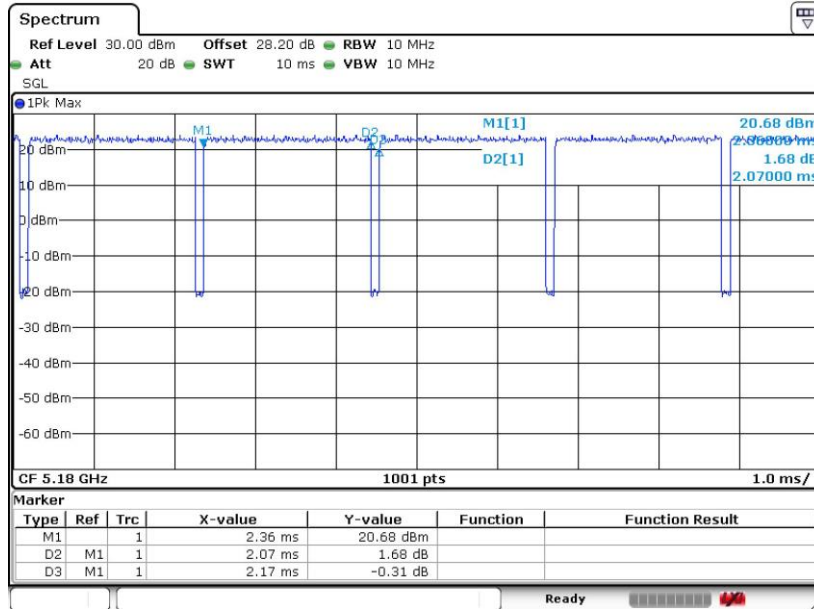


Date: 3.APR.2019 23:33:33



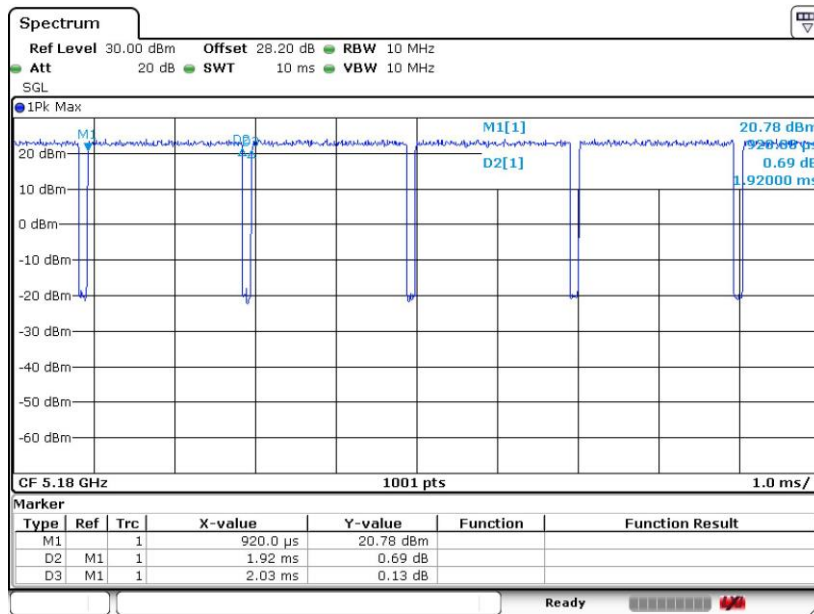
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802.11a



Date: 3.APR.2019 23:14:54

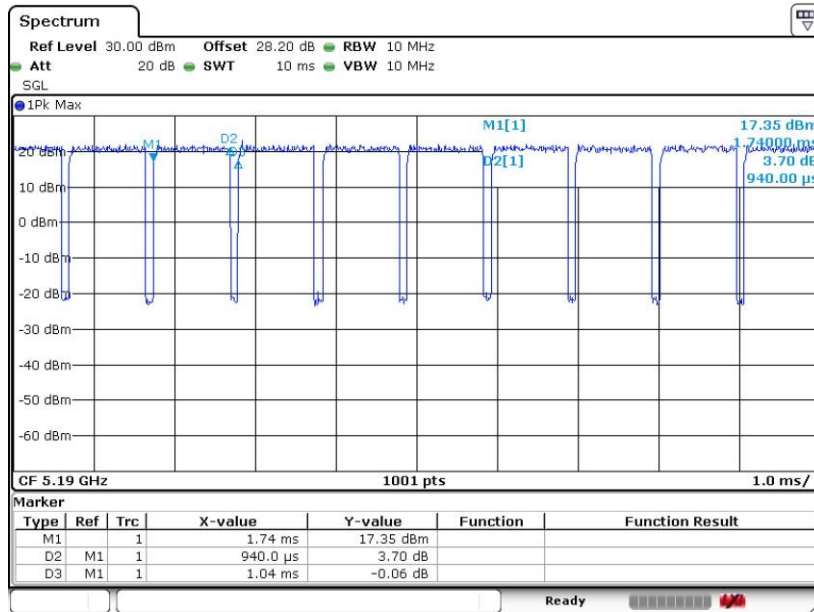
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Date: 3.APR.2019 23:18:04

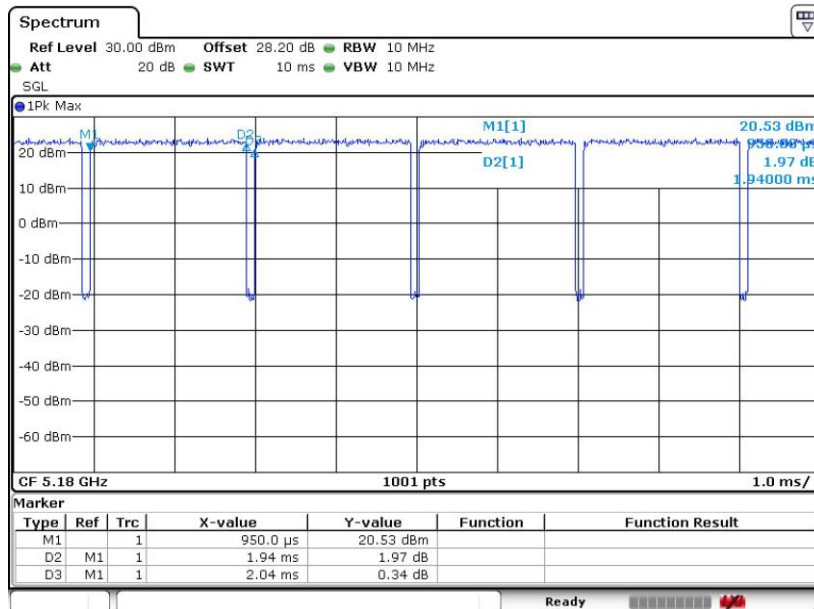


802.11n HT40



Date: 3.APR.2019 23:24:28

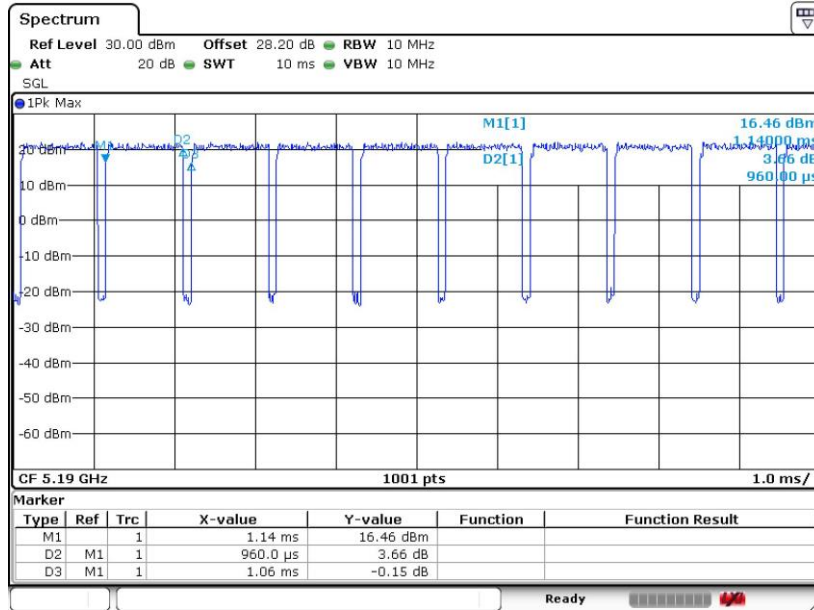
802.11ac VHT20



Date: 3.APR.2019 23:21:12

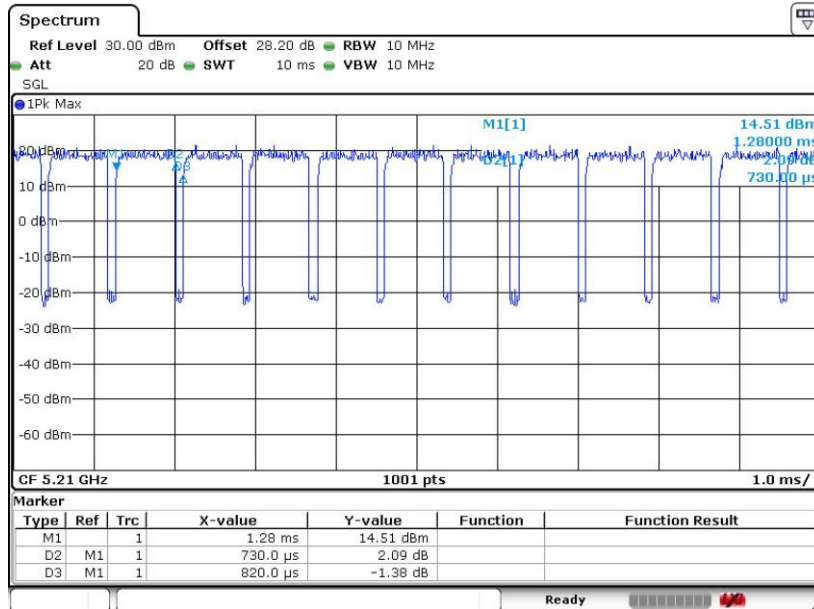


802.11ac VHT40



Date: 3.APR.2019 23:29:09

802.11ac VHT80



Date: 3.APR.2019 23:34:21