



<b>WIFI</b>	<b>Band 3 5470~5725MHz Band Edge @ 3m</b>	
<b>ANT</b>	<b>802.11n HT40 CH142 5710MHz - R</b>	
<b>1+2</b>	<b>Vertical</b>	<b>Fundamental</b>
<b>Peak</b>	<p>Site : 03CH13-HY Condition : STRADDLES U-NII-142A 3m HORN_9120B_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<b>Left blank</b>



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

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH138 5690MHz - L	
1+2	Horizontal	Fundamental
<p align="center"><b>Peak</b></p>	<p>Site : 03CH13-HY Condition : STRADDLES U-NIT-1A2A 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Site : 03CH13-HY Condition : PEAKLINE1 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
<p align="center"><b>Avg.</b></p>	<p>Site : 03CH13-HY Condition : U-NIT-1A2A AVERAGE 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto</p>	<p align="center"><b>Left blank</b></p>



<b>WIFI</b>	<b>Band 3 5470~5725MHz Band Edge @ 3m</b>	
<b>ANT</b>	<b>802.11ac VHT80 CH138 5690MHz - R</b>	
<b>1+2</b>	<b>Horizontal</b>	<b>Fundamental</b>
<b>Peak</b>	<p>Site : 03CH13-HY Condition : STRADDLES U-NII-142A 3m HORN_9120B_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<b>Left blank</b>



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH138 5690MHz - L	
1+2	Vertical	Fundamental
<p><b>Peak</b></p>	<p>Site : 03CH13-HY Condition : STRADDLES U-NII-1A2A 3m HORN_9120D_I241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH13-HY Condition : PEAK(UMI) 3m HORN_9120D_I241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p><b>Avg.</b></p>	<p>Site : 03CH13-HY Condition : U-NII-1A2A AVERAGE 3m HORN_9120D_I241 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto</p>	<p>Left blank</p>



<b>WIFI</b>	<b>Band 3 5470~5725MHz Band Edge @ 3m</b>	
<b>ANT</b>	<b>802.11ac VHT80 CH138 5360MHz - R</b>	
<b>1+2</b>	<b>Vertical</b>	<b>Fundamental</b>
<b>Peak</b>	<p>Site : 03CH13-HY Condition : STRADDLES U-NII-142A 3m HORN_9120B_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<b>Left blank</b>



**Band 3 - Straddle Channel**  
**WIFI 802.11a (Harmonic @ 3m)**

<b>WIFI</b>	<b>Band 3 Straddle Channel Harmonic @ 3m</b>	
<b>ANT</b>	<b>802.11a CH144 5720MHz</b>	
<b>1+2</b>	<b>Horizontal</b>	<b>Vertical</b>
<b>Peak</b> <b>Avg.</b>	<p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_9120D_1241 HORIZONTAL Detector : Peak</p>	<p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_9120D_1241 VERTICAL Detector : Peak</p>



**Band 3 – Straddle Channel**  
**WIFI 802.11n HT20 (Harmonic @ 3m)**

WIFI	Band 3 Straddle Channel Harmonic @ 3m	
ANT	802.11n HT20 CH144 5720MHz	
1+2	Horizontal	Vertical
<b>Peak</b> <b>Avg.</b>	<p>Site : 03CH13-HY            Condition : PEAK(UMB) 3m HORN_91200_1241 HORIZONTAL            Detector : Peak</p>	<p>Site : 03CH13-HY            Condition : PEAK(UMB) 3m HORN_91200_1241 VERTICAL            Detector : Peak</p>



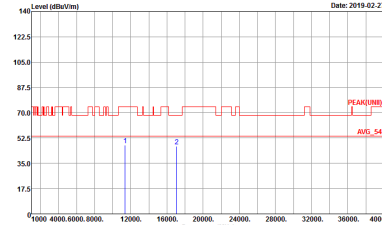
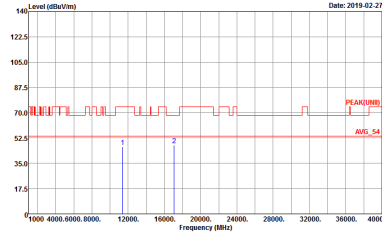
**Band 3 – Straddle Channel**  
**WIFI 802.11n HT40 (Harmonic @ 3m)**

WIFI	Band 3 Straddle Channel Harmonic @ 3m	
ANT	802.11n HT40 CH142 5710MHz	
1+2	Horizontal	Vertical
<p><b>Peak</b></p> <p><b>Avg.</b></p>	<p>Site : 03CH13-HY            Condition : PEAK(LINE1) 3m HORN_91200_1241 HORIZONTAL            Detector : Peak</p>	<p>Site : 03CH13-HY            Condition : PEAK(LINE1) 3m HORN_91200_1241 VERTICAL            Detector : Peak</p>





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

WIFI	Band 3 Straddle Channel Harmonic @ 3m	
ANT	802.11ac VHT80 CH138 5690MHz	
1+2	Horizontal	Vertical
<p><b>Peak</b> <b>Avg.</b></p>	 <p>Site : 03CH13-HY          Condition : PEAK(UNIT) 3m HORN_9120D_1241 HORIZONTAL          Detector : Peak</p>	 <p>Site : 03CH13-HY          Condition : PEAK(UNIT) 3m HORN_9120D_1241 VERTICAL          Detector : Peak</p>



Emission below 1GHz  
5GHz WIFI 802.11n HT20 (LF)

WIFI	5GHz WIFI	
ANT	802.11n HT20 LF	
1+2	Horizontal	Vertical
QP / Peak	<p>Site : 03CH13-HY Condition : QP 3m BIL06_37059401 HORIZONTAL Detector : Peak</p>	<p>Site : 03CH13-HY Condition : QP 3m BIL06_37059401 VERTICAL Detector : Peak</p>



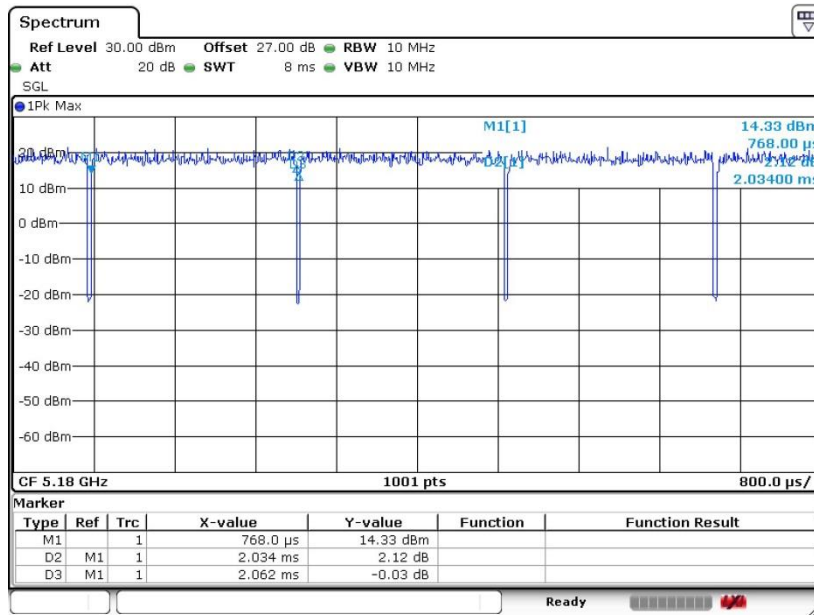
## Appendix E. Duty Cycle Plots

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting	Duty Factor(dB)
1	802.11a	98.64	-	-	10Hz	0.06
2	802.11a	98.26	-	-	10Hz	0.08
1+2	802.11a for Ant. 1	98.26	-	-	10Hz	0.08
1+2	802.11a for Ant. 2	98.36	-	-	10Hz	0.07
1	5GHz 802.11n HT20	99.00	-	-	10Hz	0.04
2	5GHz 802.11n HT20	99.30	-	-	10Hz	0.03
1+2	5GHz 802.11n HT20 for Ant. 1	98.43	-	-	10Hz	0.07
1+2	5GHz 802.11n HT20 for Ant. 2	98.43	-	-	10Hz	0.07
1	5GHz 802.11n HT40	98.37	-	-	10Hz	0.07
2	5GHz 802.11n HT40	98.37	-	-	10Hz	0.07
1+2	5GHz 802.11n HT40 for Ant. 1	97.23	1230	0.81	1kHz	0.12
1+2	5GHz 802.11n HT40 for Ant. 2	97.23	1230	0.81	1kHz	0.12
1	5GHz 802.11ac VHT20	99.30	-	-	10Hz	0.03
2	5GHz 802.11ac VHT20	99.00	-	-	10Hz	0.04
1+2	5GHz 802.11ac VHT20 for Ant. 1	98.82	-	-	10Hz	0.05
1+2	5GHz 802.11ac VHT20 for Ant. 2	98.43	-	-	10Hz	0.07
1	5GHz 802.11ac VHT40	98.37	-	-	10Hz	0.07
2	5GHz 802.11ac VHT40	98.78	-	-	10Hz	0.05
1+2	5GHz 802.11ac VHT40 for Ant. 1	97.24	1235	0.81	1kHz	0.12
1+2	5GHz 802.11ac VHT40 for Ant. 2	97.23	1230	0.81	1kHz	0.12
1	5GHz 802.11ac VHT80	97.01	1135	0.88	1kHz	0.13
2	5GHz 802.11ac VHT80	97.01	1135	0.88	1kHz	0.13
1+2	5GHz 802.11ac VHT80 for Ant. 1	94.27	592	1.69	3kHz	0.26
1+2	5GHz 802.11ac VHT80 for Ant. 2	93.95	590	1.69	3kHz	0.27



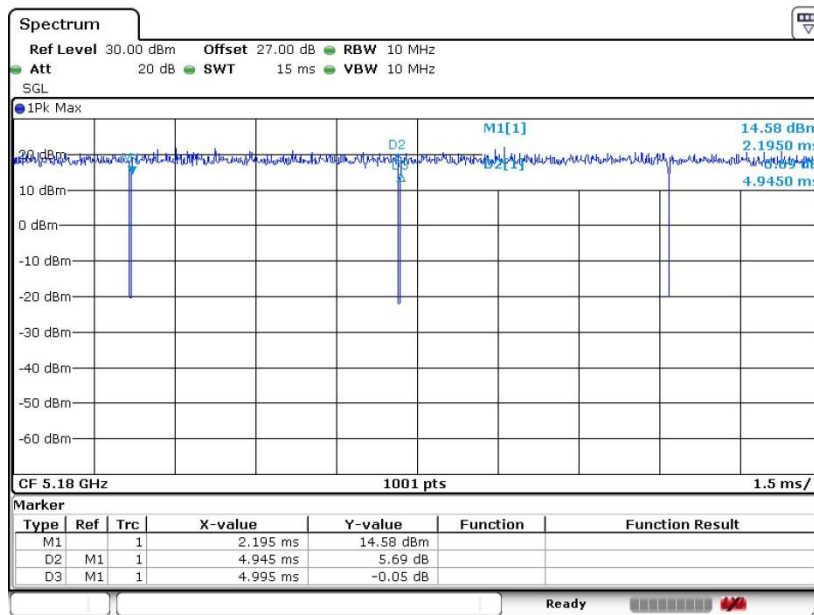
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802.11a



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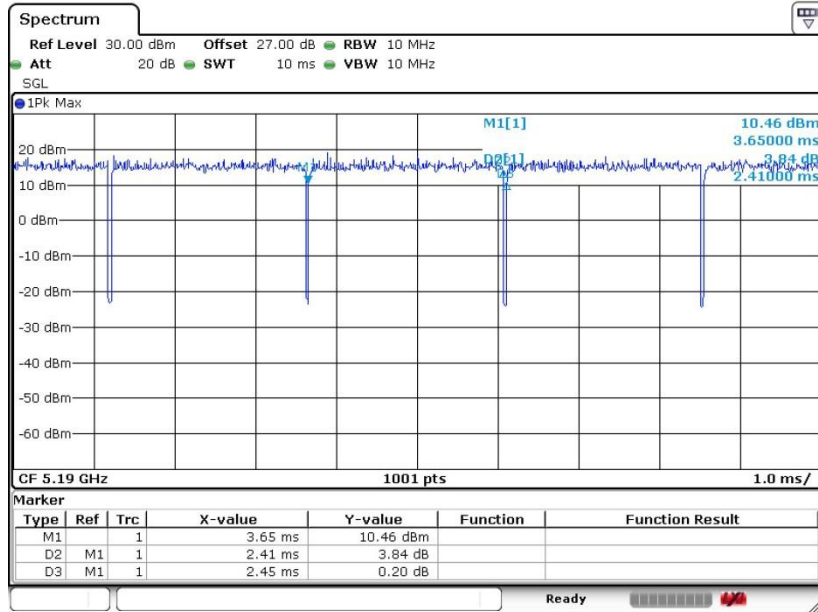
802.11n HT20



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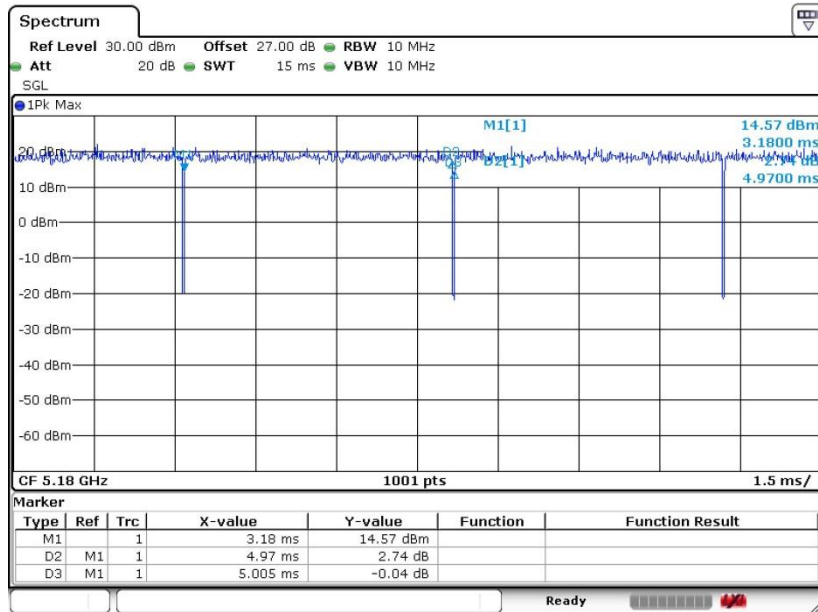


802.11n HT40



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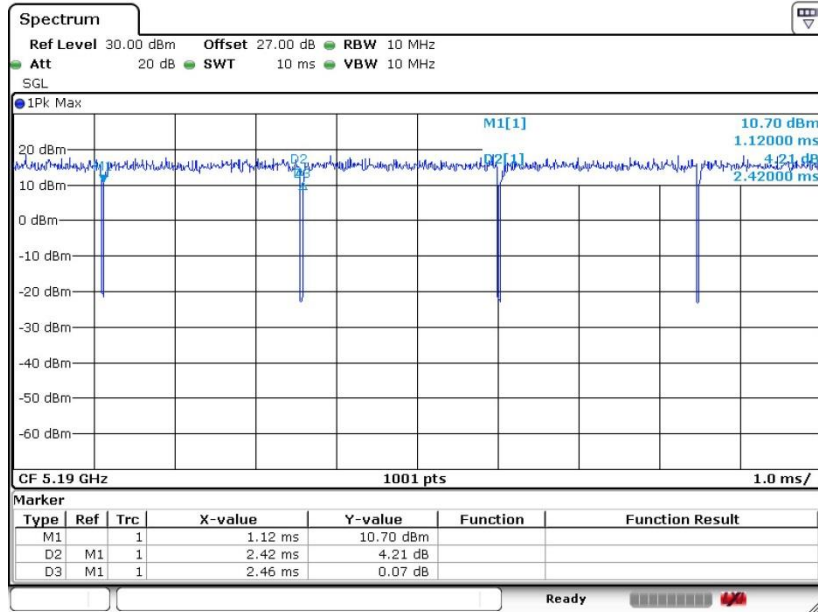
802.11ac VHT20



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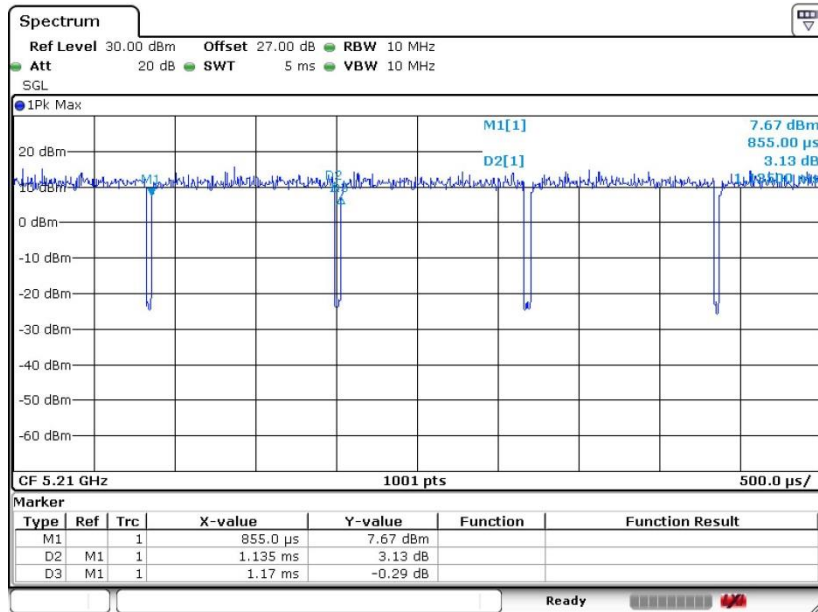


802.11ac VHT40



Date: 4.FEB.2019 15:49:26

802.11ac VHT80

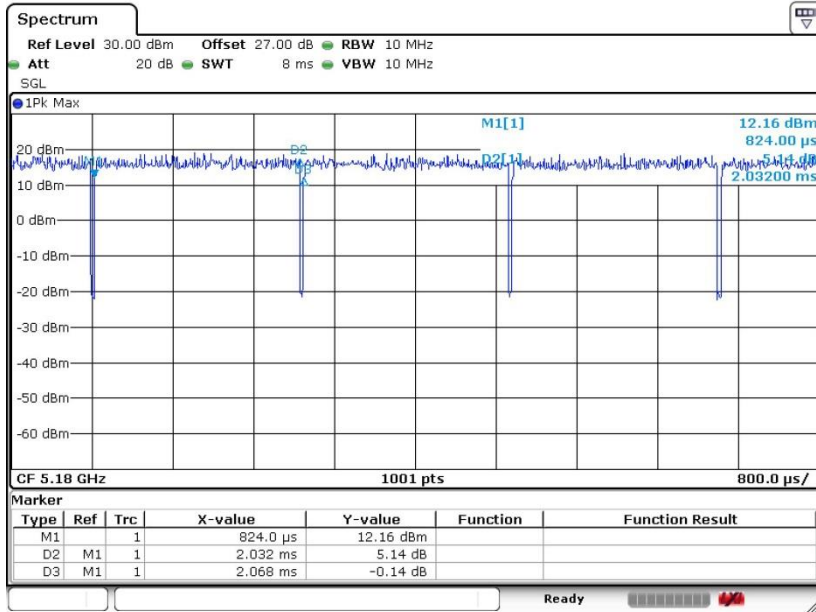


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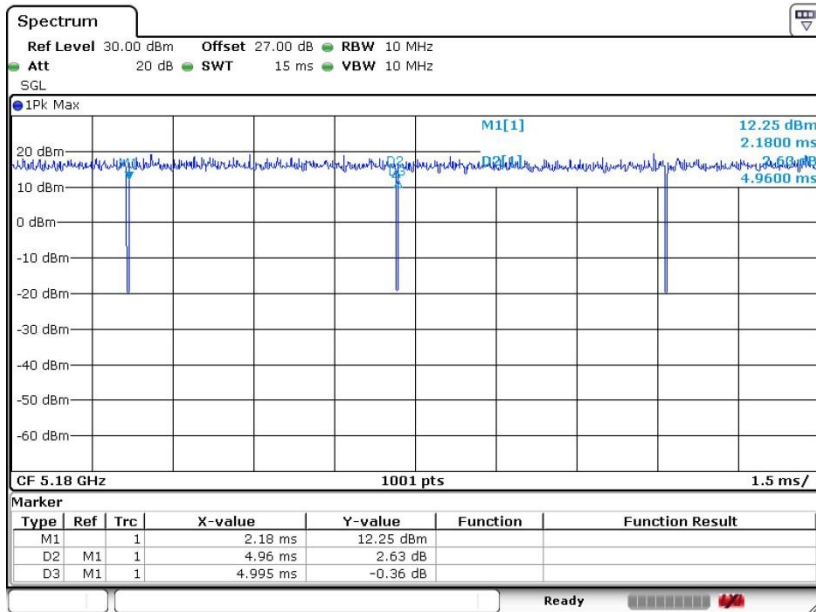
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802.11a



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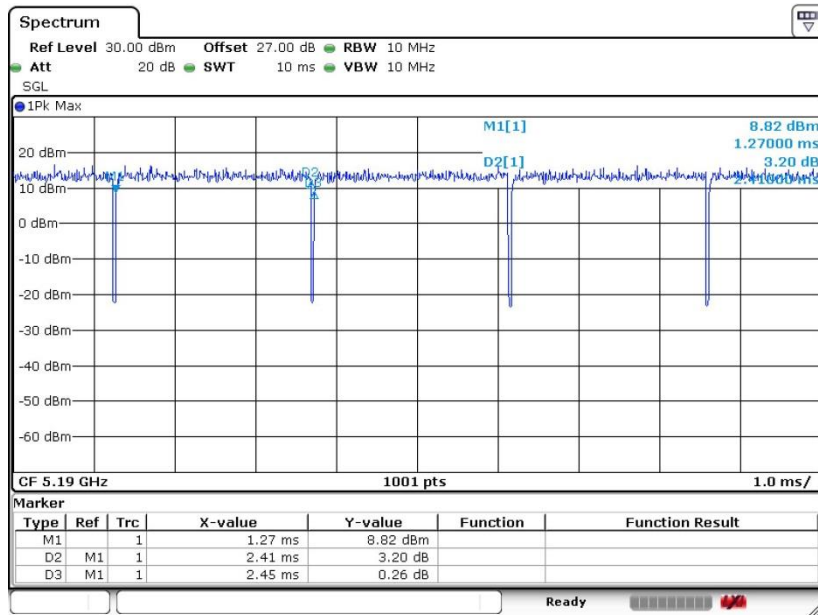
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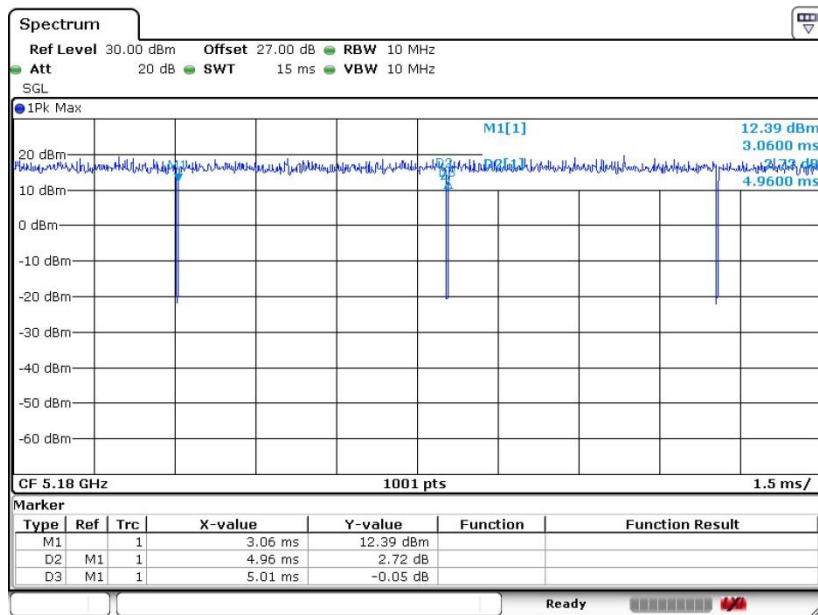


802.11n HT40



Date: 4.FEB.2019 15:28:26

802.11ac VHT20

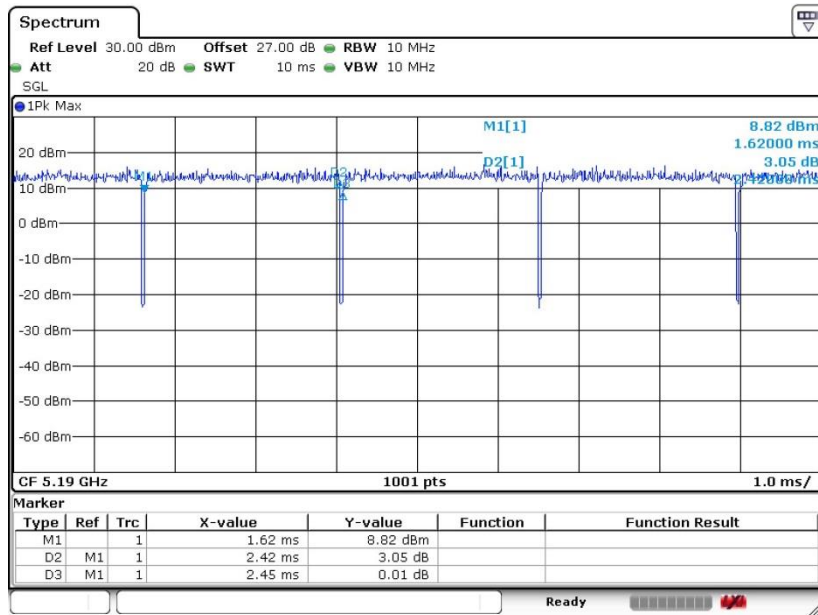


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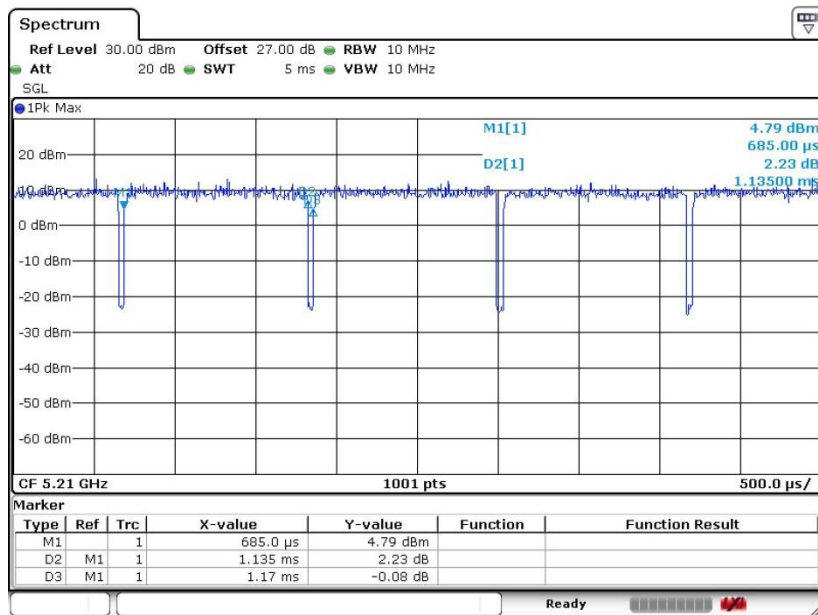


802.11ac VHT40



Date: 4.FEB.2019 16:00:55

802.11ac VHT80

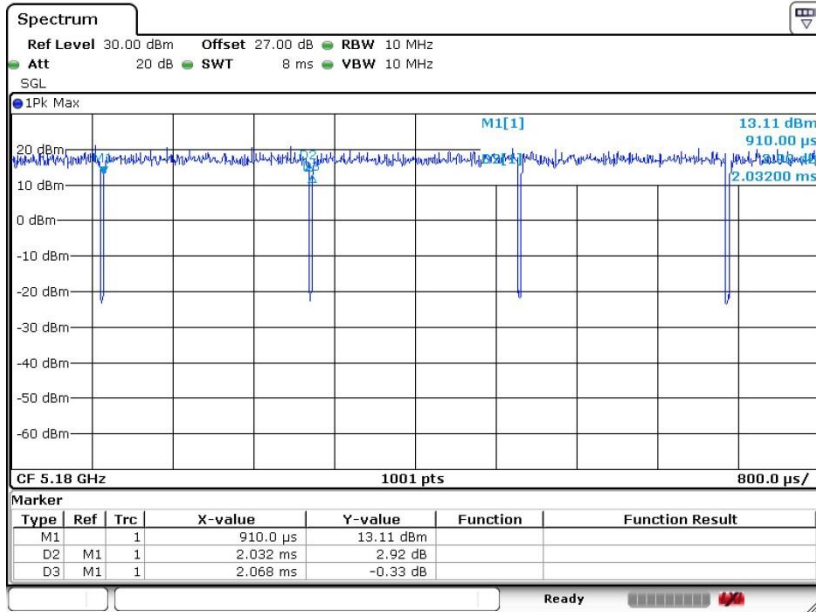


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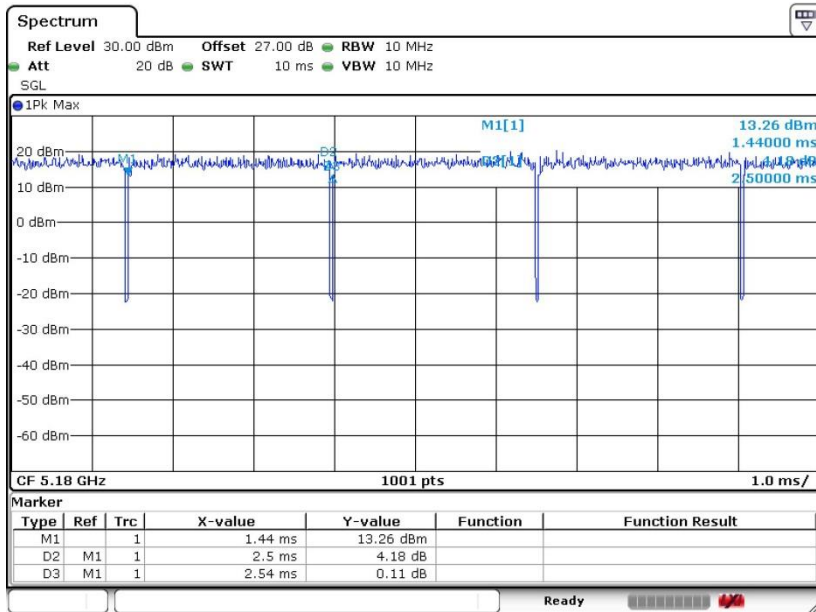
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802.11a



Date: 6.FEB.2019 00:35:35

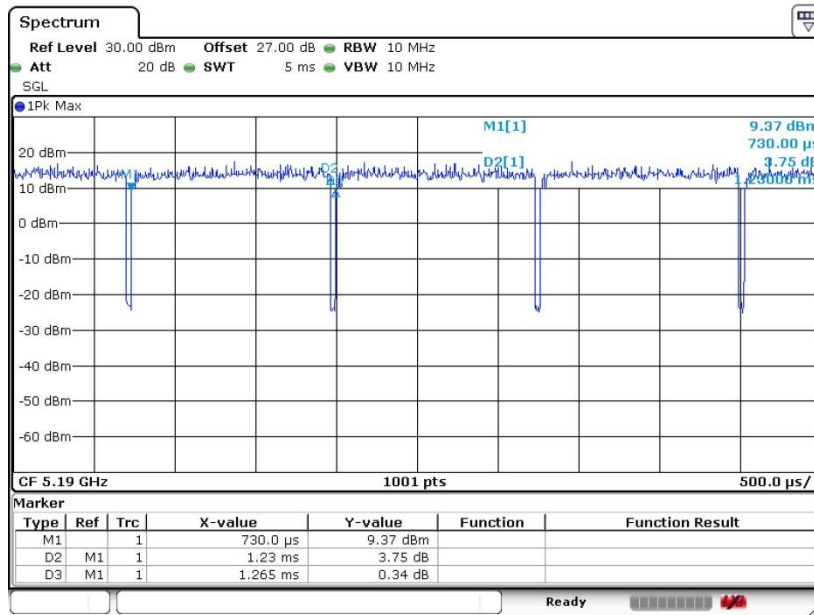
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Date: 5.FEB.2019 22:12:43

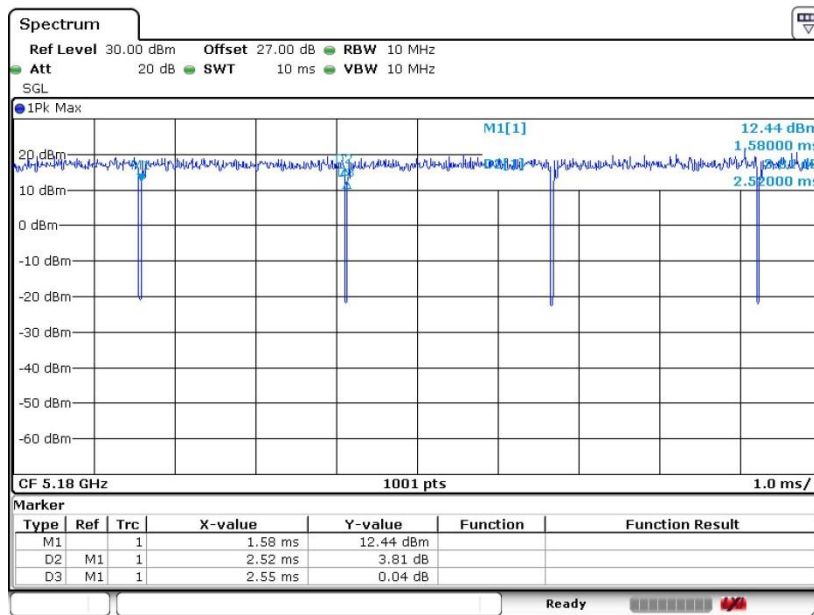


802.11n HT40



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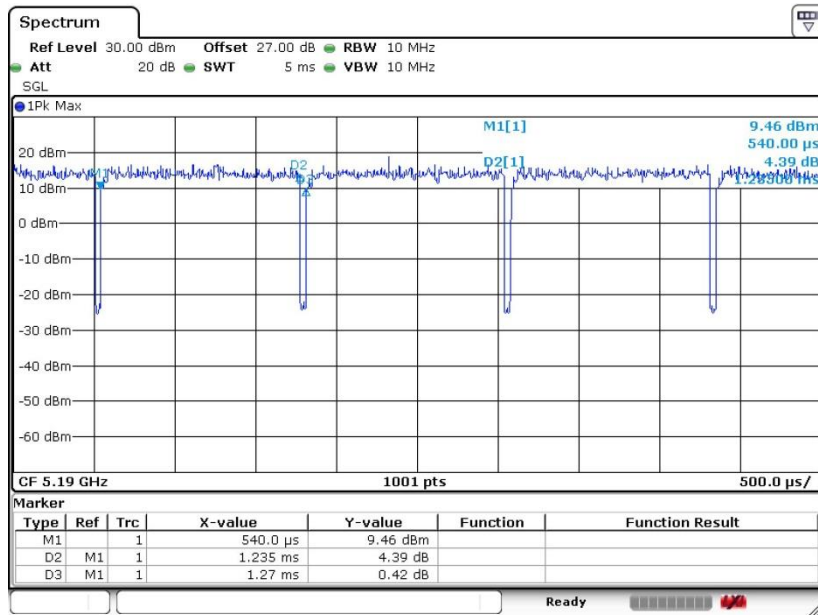
802.11ac VHT20



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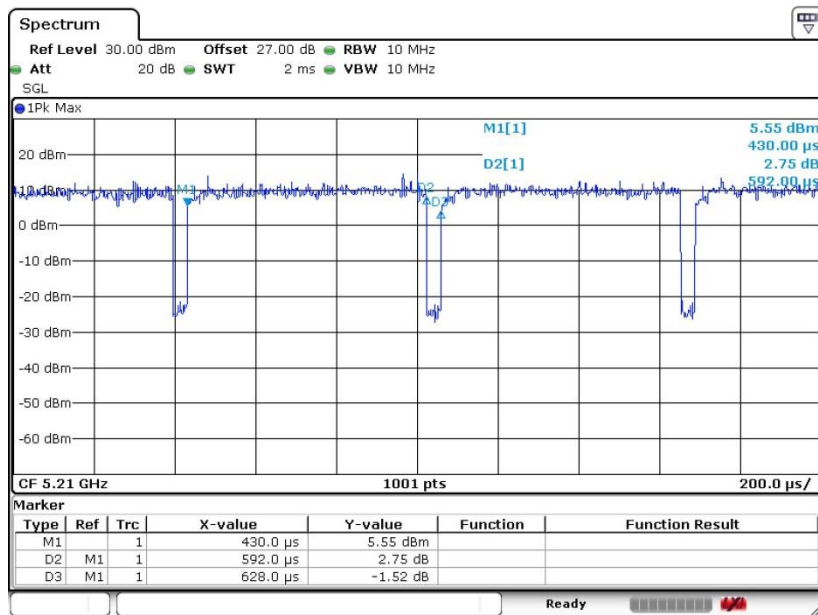


802.11ac VHT40



Date: 5.FEB.2019 23:50:26

802.11ac VHT80

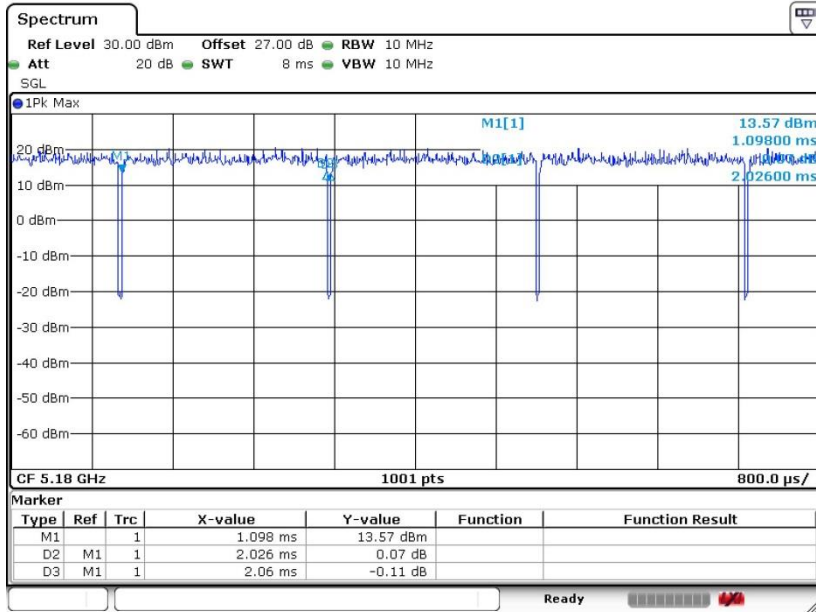


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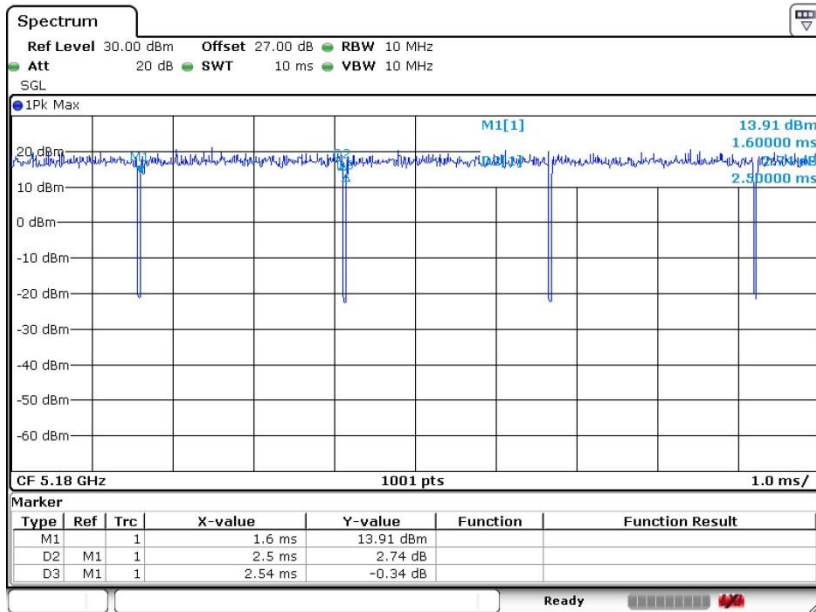
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802.11a



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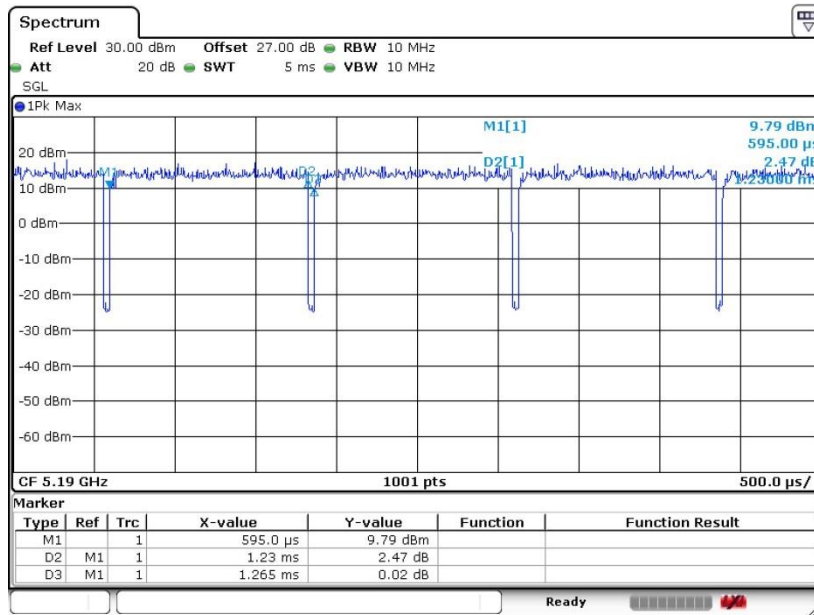
802.11n HT20



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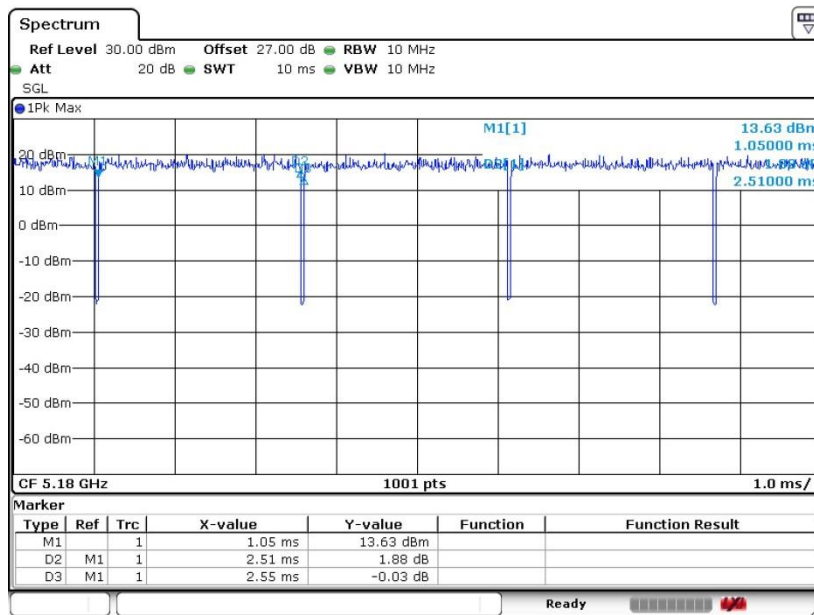


802.11n HT40



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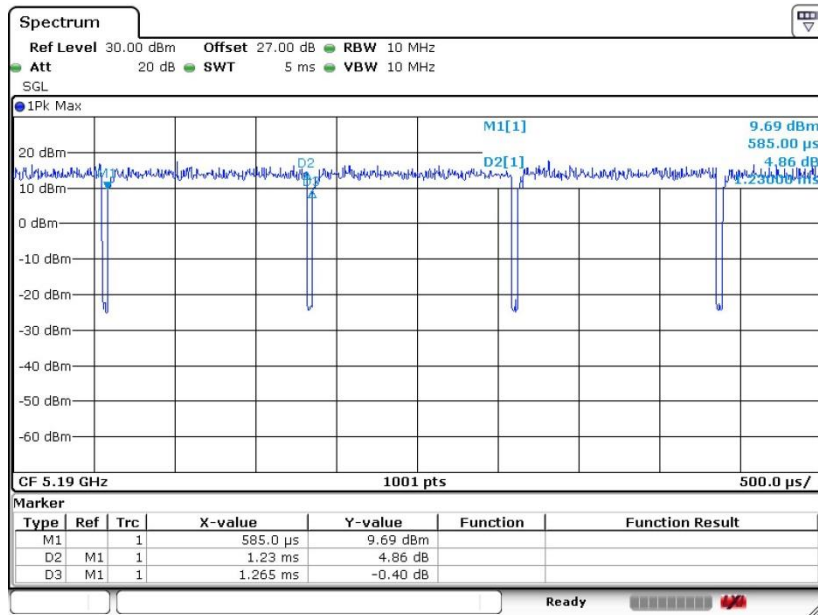
802.11ac VHT20



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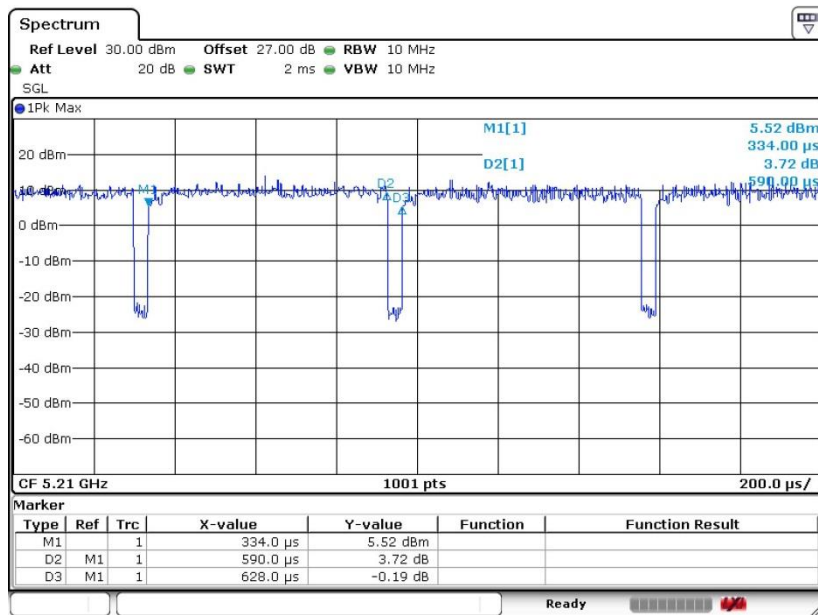


802.11ac VHT40



Date: 5.FEB.2019 23:51:24

802.11ac VHT80



Date: 6.FEB.2019 00:08:19

—THE END—