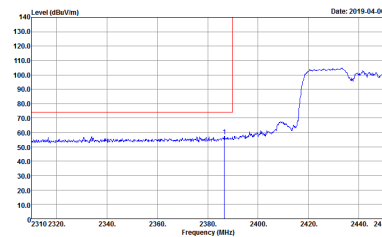
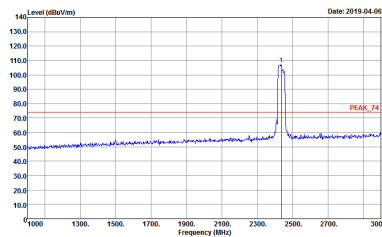
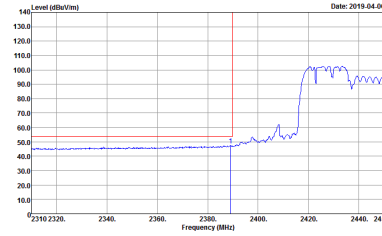
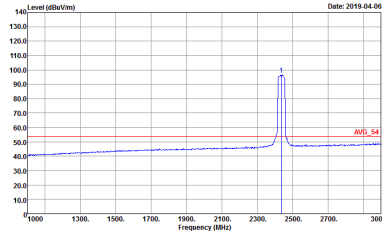
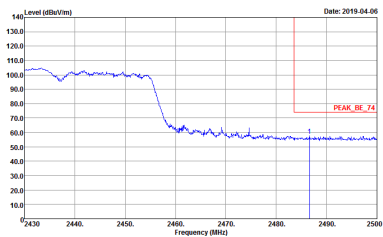
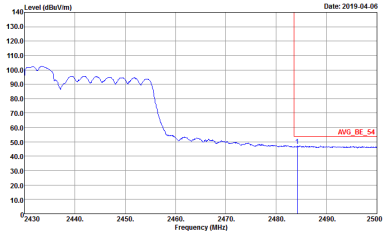


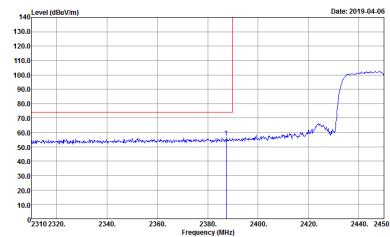
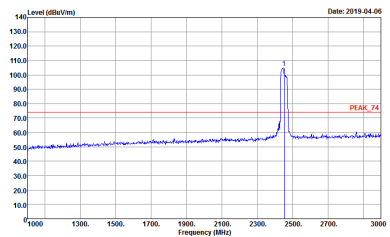
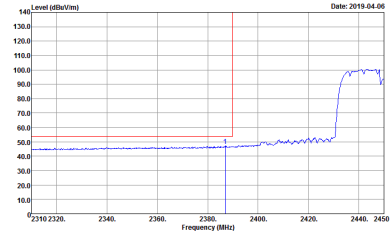
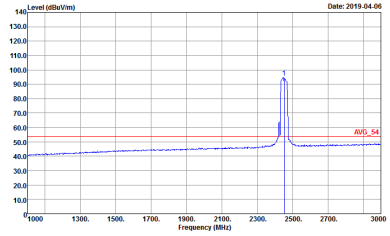


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH06 2437MHz - L	
1+2	Vertical	Fundamental
Peak	 <p>Date: 2019-04-06</p> <p>Site : 03CH16-HY            Condition : PEAK_BE_74 3m 91200_1522 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 912813            Setting : 13.5</p>	 <p>Date: 2019-04-06</p> <p>Site : 03CH16-HY            Condition : PEAK_74 3m 91200_1522 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 912813            Setting : 13.5</p>
Avg.	 <p>Date: 2019-04-06</p> <p>Site : 03CH16-HY            Condition : AVG_BE_54 3m 91200_1522 VERTICAL            RBW:1000.000KHz VBW:3.000KHz SWT:Auto            Detector : Peak            Project : 912813            Setting : 13.5</p>	 <p>Date: 2019-04-06</p> <p>Site : 03CH16-HY            Condition : AVG_54 3m 91200_1522 VERTICAL            RBW:1000.000KHz VBW:3.000KHz SWT:Auto            Detector : Peak            Project : 912813            Setting : 13.5</p>

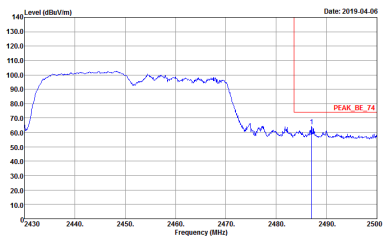
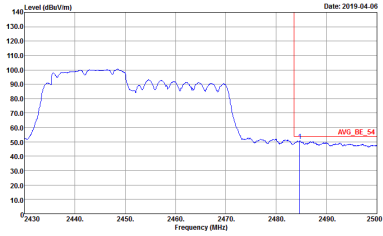


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH06 2437MHz - R	
1+2	Vertical	Fundamental
<p><b>Peak</b></p>	 <p>Date: 2019-04-06</p> <p>Site : 03CH16-HY            Condition : PEAK_BE_74 3m 91200_1522 VERTICAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 912813            Setting : 13.5</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	 <p>Date: 2019-04-06</p> <p>Site : 03CH16-HY            Condition : AVG_BE_54 3m 91200_1522 VERTICAL            : RBW:1000.000KHz VBW:3.000KHz SWT:Auto            Detector : Peak            Project : 912813            Setting : 13.5</p>	<p>Left blank</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH09 2452MHz - L	
1+2	Horizontal	Fundamental
Peak	 <p>Site : 03CH16-HY  Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL  Detector : Peak  Project : 912813  Setting : 14.5</p>	 <p>Site : 03CH16-HY  Condition : PEAK_74 3m 91200_1522 HORIZONTAL  Detector : Peak  Project : 912813  Setting : 14.5</p>
Avg.	 <p>Site : 03CH16-HY  Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL  Detector : Peak  Project : 912813  Setting : 14.5</p>	 <p>Site : 03CH16-HY  Condition : AVG_54 3m 91200_1522 HORIZONTAL  Detector : Peak  Project : 912813  Setting : 14.5</p>

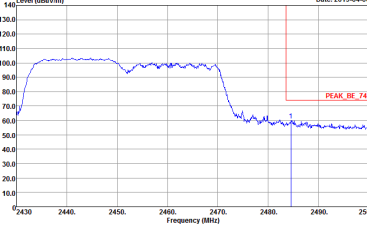
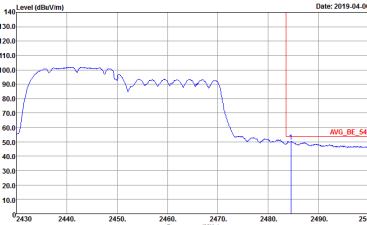


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH09 2452MHz - R	
1+2	Horizontal	Fundamental
Peak	 <p>Site : 03CH16-HY          Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL          : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto          Detector : Peak          Project : 912813          Setting : 14.5</p>	Left blank
Avg.	 <p>Site : 03CH16-HY          Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL          : RBW:1000.000KHz VBW:3.000KHz SWT:Auto          Detector : Peak          Project : 912813          Setting : 14.5</p>	Left blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH09 2452MHz - L	
1+2	Vertical	Fundamental
<b>Peak</b>	<p>Site : 03CH16-HY            Condition : PEAK_BE_74 3m 91200_1522 VERTICAL            Detector : Peak            Project : 912813            Setting : 14.5</p>	<p>Site : 03CH16-HY            Condition : PEAK_74 3m 91200_1522 VERTICAL            Detector : Peak            Project : 912813            Setting : 14.5</p>
<b>Avg.</b>	<p>Site : 03CH16-HY            Condition : AVG_BE_54 3m 91200_1522 VERTICAL            Detector : Peak            Project : 912813            Setting : 14.5</p>	<p>Site : 03CH16-HY            Condition : AVG_54 3m 91200_1522 VERTICAL            Detector : Peak            Project : 912813            Setting : 14.5</p>

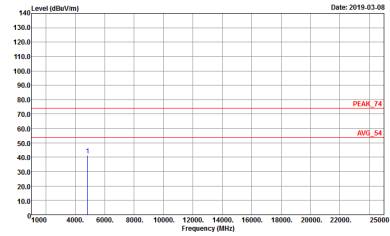
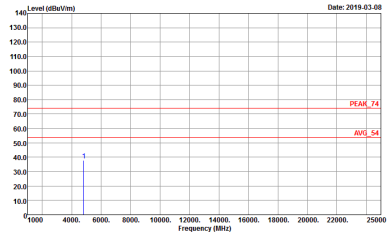


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH09 2452MHz - R	
1+2	Vertical	Fundamental
Peak	 <p>Site : 03CH16-HY          Condition : PEAK_BE_74 3m 91200_1522 VERTICAL          Detector : Peak          Project : 912813          Setting : 14.5</p>	Left blank
Avg.	 <p>Site : 03CH16-HY          Condition : AVG_BE_54 3m 91200_1522 VERTICAL          Detector : Peak          Project : 912813          Setting : 14.5</p>	Left blank



2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)

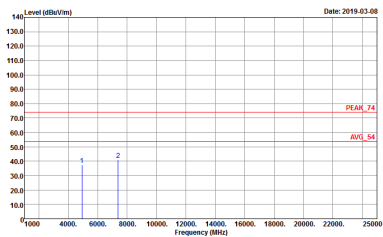
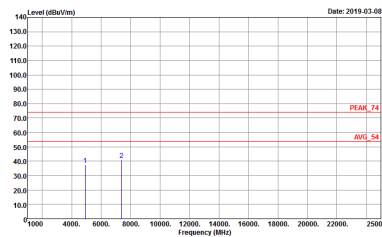
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH01 2412MHz	
1+2	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	 <p>Site : 03CH16-HY          Condition : PEAK_74 3m 91200_1522 HORIZONTAL          Detector : Peak          Project : 912813          Setting : 14</p>	 <p>Site : 03CH16-HY          Condition : PEAK_74 3m 91200_1522 VERTICAL          Detector : Peak          Project : 912813          Setting : 14</p>



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH06 2437MHz	
1+2	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH6-11Y Condition : PEAK_74 3m 91200_1522 HORIZONTAL Detector : Peak Project : 912813</p>	<p>Site : 03CH6-11Y Condition : PEAK_74 3m 91200_1522 VERTICAL Detector : Peak Project : 912813</p>



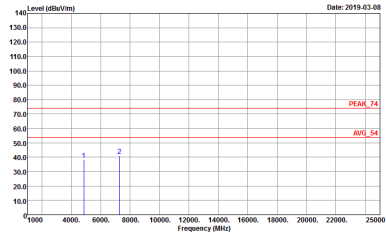
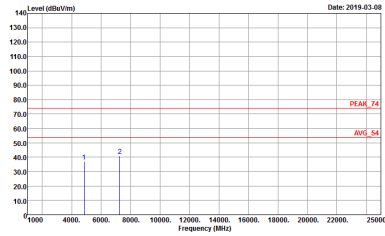


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH11 2462MHz	
1+2	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	 <p>Site : 03CH16-11Y          Condition : PEAK_74 3m 91200_1522 HORIZONTAL          Detector : Peak          Project : 912813          Setting : 13.5</p>	 <p>Site : 03CH16-11Y          Condition : PEAK_74 3m 91200_1522 VERTICAL          Detector : Peak          Project : 912813          Setting : 13.5</p>



2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH03 2422MHz	
1+2	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	 <p>Site : 03CH16-HY          Condition : PEAK_74 3m 91200_1522 HORIZONTAL          Detector : Peak          Project : 912813          Setting : 9</p>	 <p>Site : 03CH16-HY          Condition : PEAK_74 3m 91200_1522 VERTICAL          Detector : Peak          Project : 912813          Setting : 9</p>



<b>WIFI</b>	<b>2.4GHz 2400~2483.5MHz Harmonic @ 3m</b>	
<b>ANT</b>	<b>802.11ac VHT40 CH06 2437MHz</b>	
<b>1+2</b>	<b>Horizontal</b>	<b>Vertical</b>
<b>Peak</b> <b>Avg.</b>	<p>Site : 03CH6-11Y Condition : PEAK_74 3m 91200_1522 HORIZONTAL Detector : Peak Project : 912813 Setting : 13.5</p>	<p>Site : 03CH6-11Y Condition : PEAK_74 3m 91200_1522 VERTICAL Detector : Peak Project : 912813 Setting : 13.5</p>



<b>WIFI</b>	<b>2.4GHz 2400~2483.5MHz Harmonic @ 3m</b>	
<b>ANT</b>	<b>802.11ac VHT40 CH09 2452MHz</b>	
<b>1+2</b>	<b>Horizontal</b>	<b>Vertical</b>
<b>Peak</b> <b>Avg.</b>	<p>Site : 03CH16-11Y Condition : PEAK_74 3m 91200_1522 HORIZONTAL Detector : Peak Project : 912813 Setting : 12.5</p>	<p>Site : 03CH16-11Y Condition : PEAK_74 3m 91200_1522 VERTICAL Detector : Peak Project : 912813 Setting : 12.5</p>



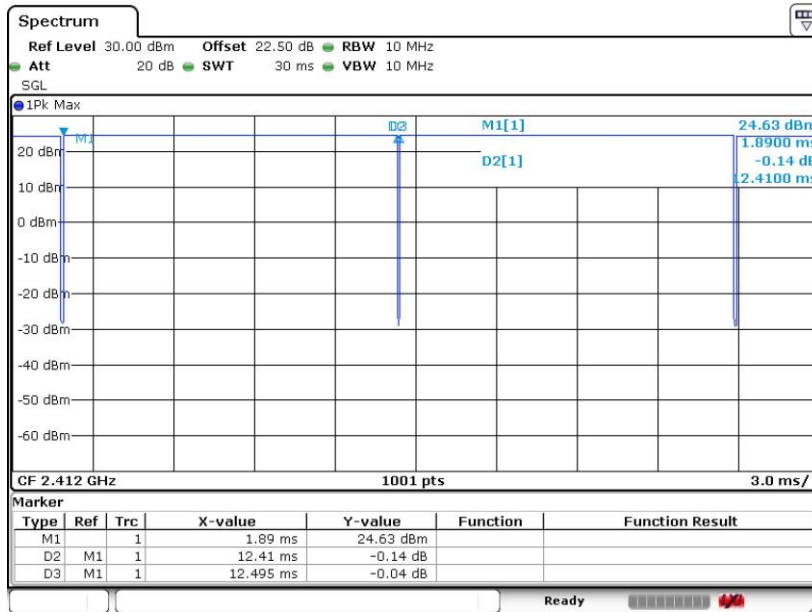
### Appendix E. Duty Cycle Plots

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting	Duty Factor(dB)
1	802.11b	99.32	-	-	10Hz	0.03
1+2	802.11b	98.92	-	-	10Hz	0.05
1+2	802.11b	99.20	-	-	10Hz	0.03
1	802.11g	95.50	2065	0.48	1kHz	0.20
1+2	802.11g	95.37	2060	0.49	1kHz	0.21
1+2	802.11g	95.38	2065	0.48	1kHz	0.21
1	2.4GHz 802.11n HT20	95.05	1920	0.52	1kHz	0.22
1+2	2.4GHz 802.11n HT20 for Ant. 1	95.05	1920	0.52	1kHz	0.22
1+2	2.4GHz 802.11n HT20 for Ant. 2	94.81	1920	0.52	1kHz	0.23
1	2.4GHz 802.11n HT40	90.43	945	1.06	3kHz	0.44
1+2	2.4GHz 802.11n HT40 for Ant. 1	83.33	500	2.00	3kHz	0.79
1+2	2.4GHz 802.11n HT40 for Ant. 2	83.33	500	2.00	3kHz	0.79
1	2.4GHz 802.11ac VHT20	95.20	1930	0.52	1kHz	0.21
1+2	2.4GHz 802.11ac VHT20 for Ant. 1	90.83	990	1.01	3kHz	0.42
1+2	2.4GHz 802.11ac VHT20 for Ant. 2	90.41	990	1.01	3kHz	0.44
1	2.4GHz 802.11ac VHT40	90.48	950	1.05	3kHz	0.43
1+2	2.4GHz 802.11ac VHT40 for Ant. 1	82.64	500	2.00	3kHz	0.83
1+2	2.4GHz 802.11ac VHT40 for Ant. 2	83.33	500	2.00	3kHz	0.79



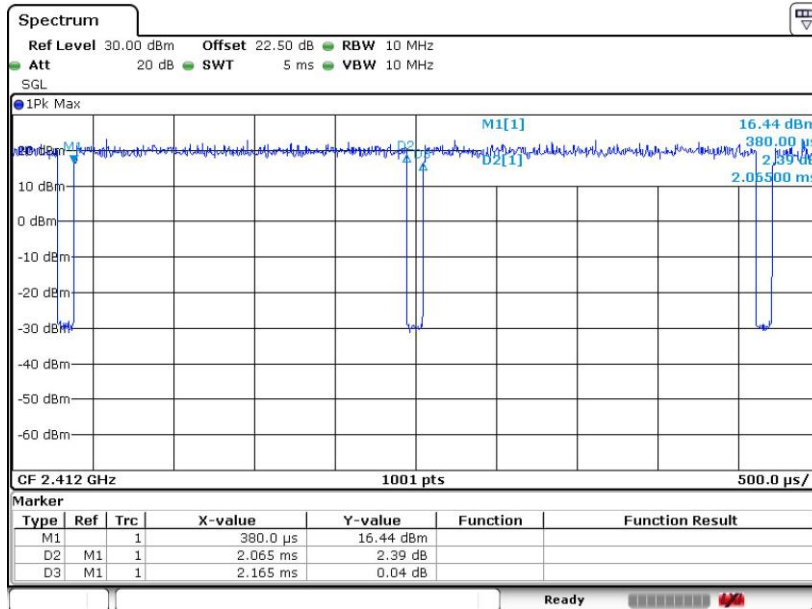
<Ant. 1>

802.11b



Date: 10.APR.2019 07:08:46

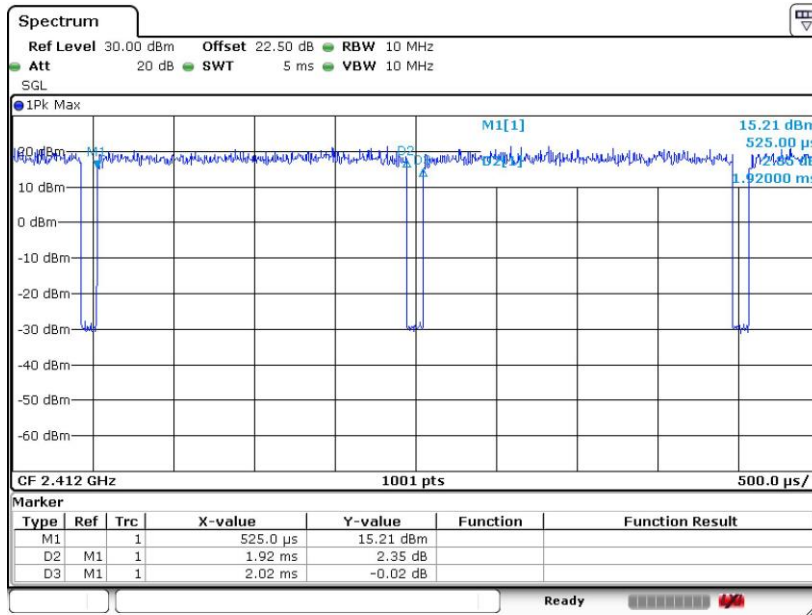
802.11g



Date: 10.APR.2019 07:44:36

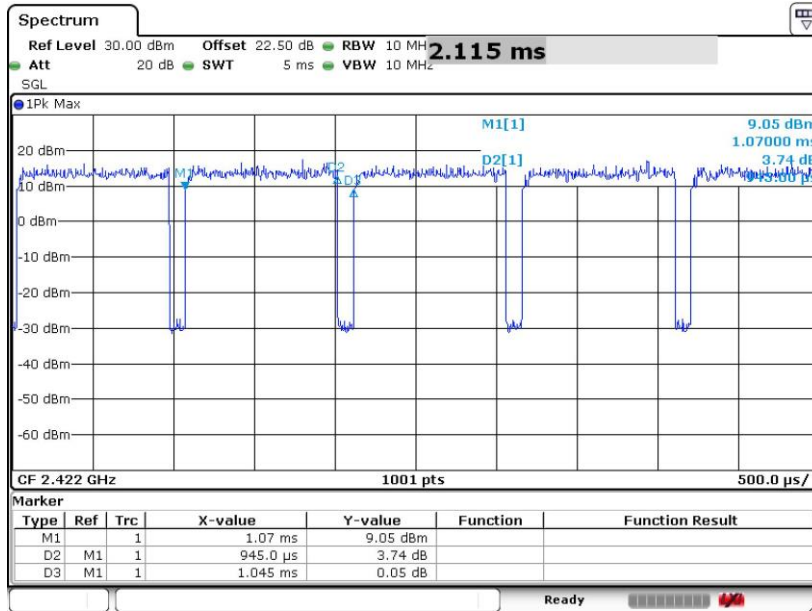


802.11n HT20



Date: 10.APR.2019 21:31:35

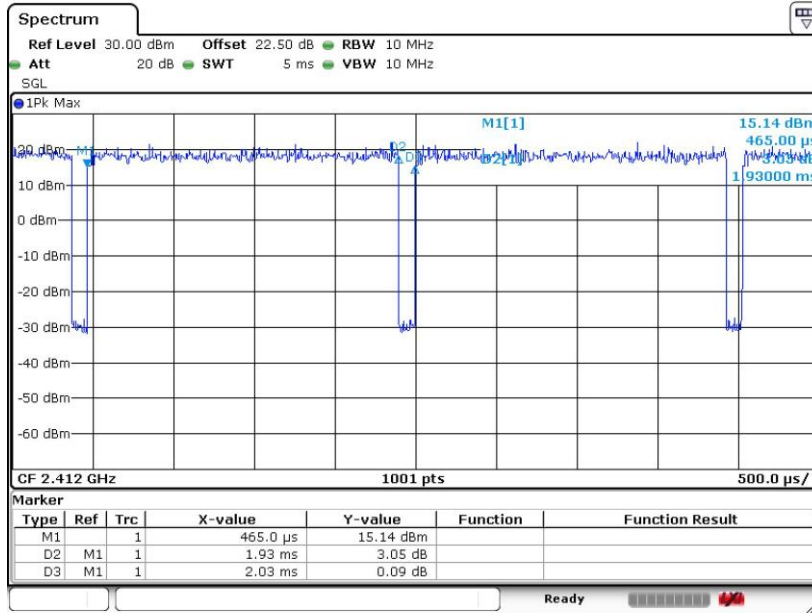
802.11n HT40



Date: 10.APR.2019 21:45:30

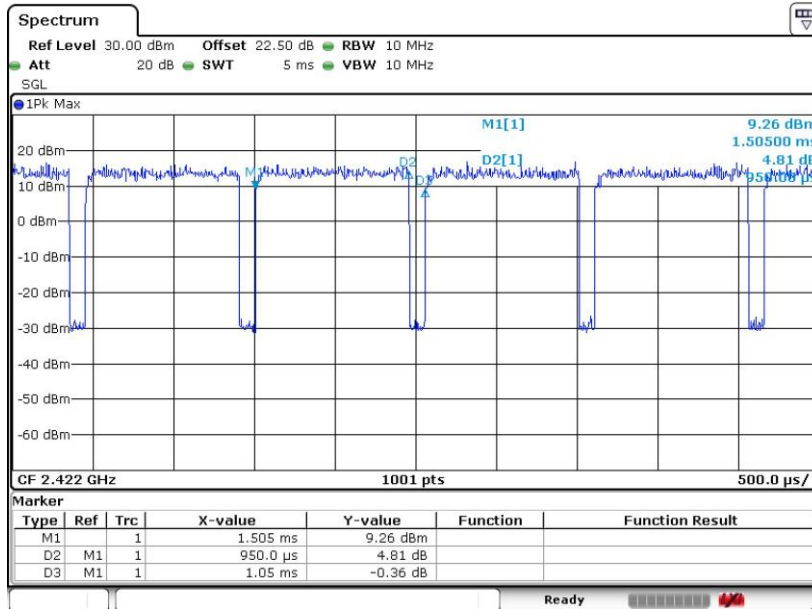


802.11ac VHT20



Date: 10.APR.2019 08:18:59

802.11ac VHT40



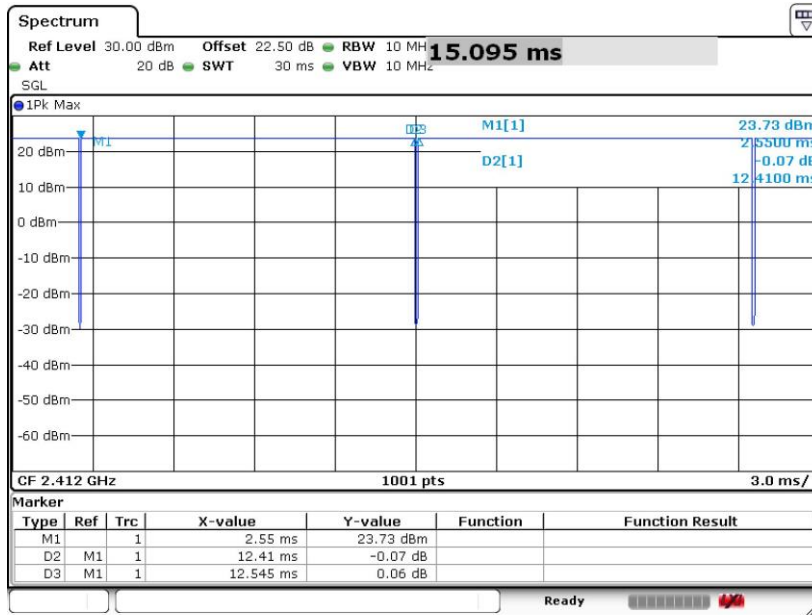
Date: 10.APR.2019 08:38:45





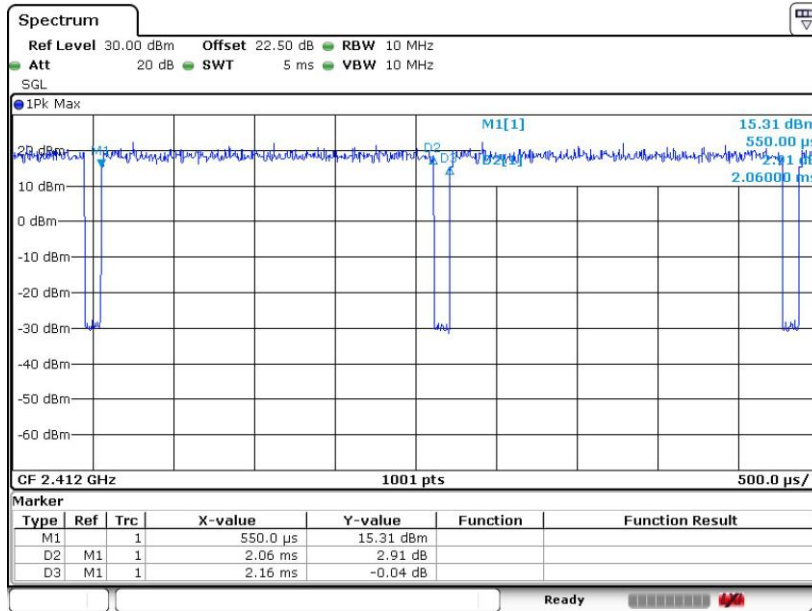
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802.11b



Date: 10.APR.2019 21:53:43

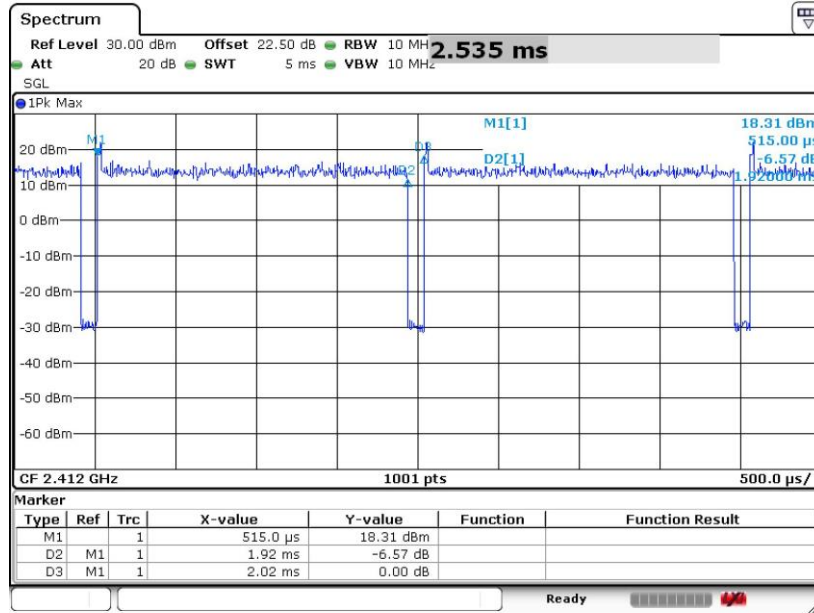
802.11g



Date: 10.APR.2019 22:45:54

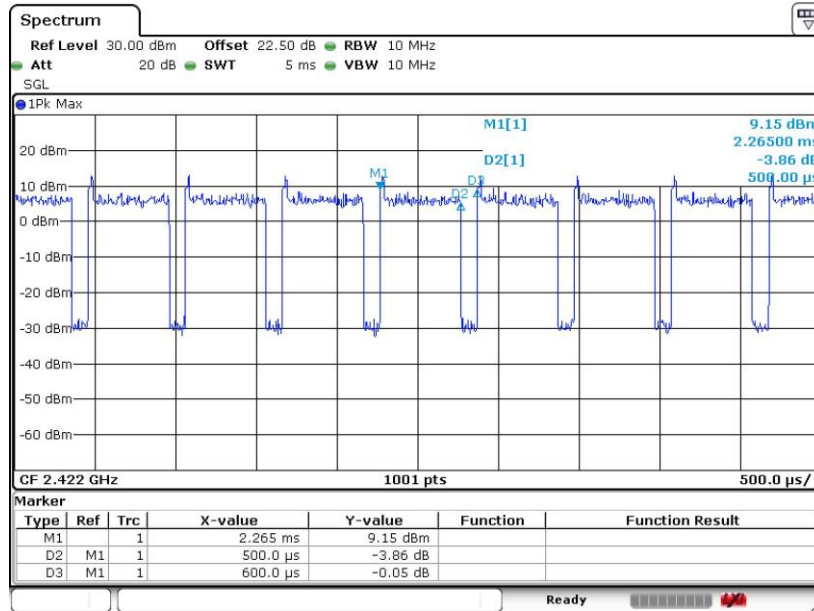


802.11n HT20



Date: 11.APR.2019 03:12:07

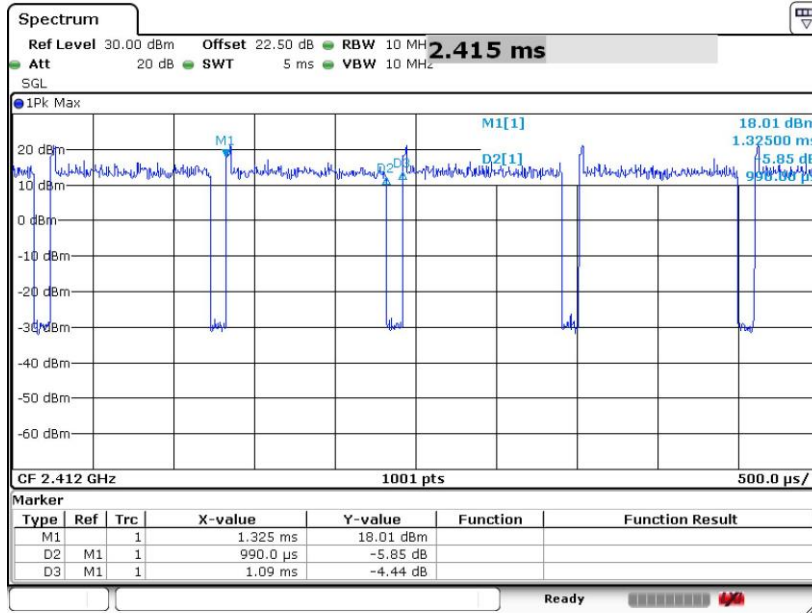
802.11n HT40



Date: 11.APR.2019 04:19:11

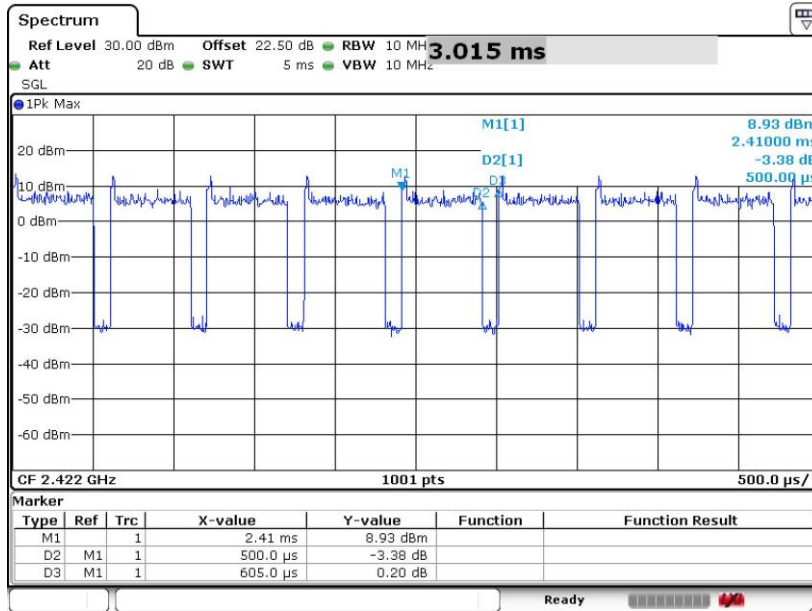


802.11ac VHT20



Date: 11.APR.2019 02:10:37

802.11ac VHT40

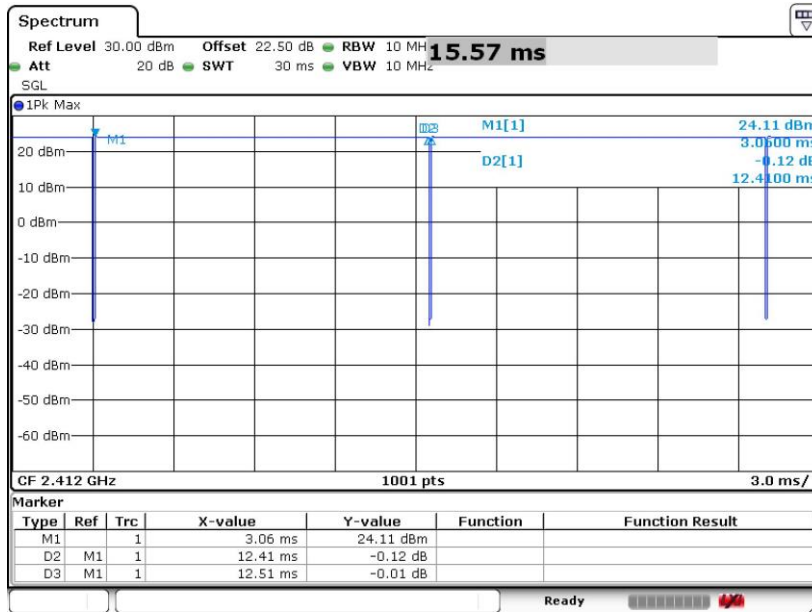


Date: 11.APR.2019 03:21:27



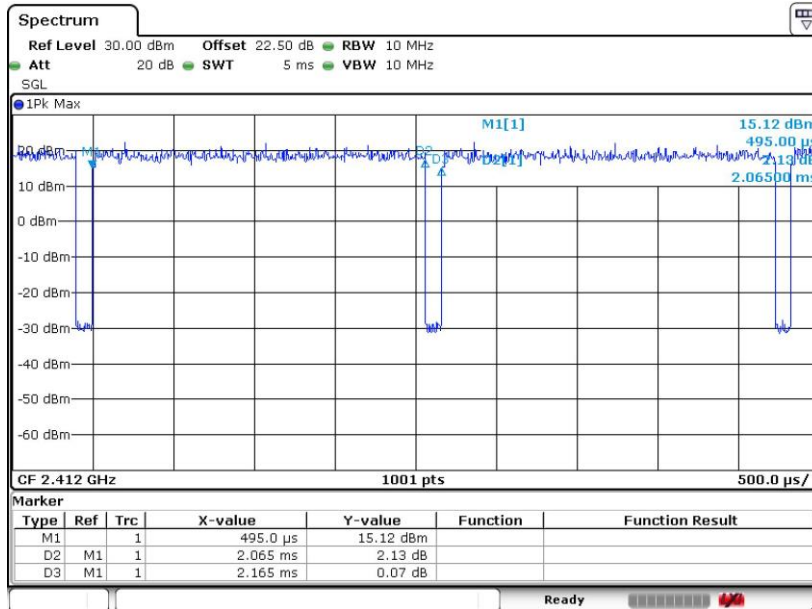
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802.11b



Date: 10.APR.2019 21:55:47

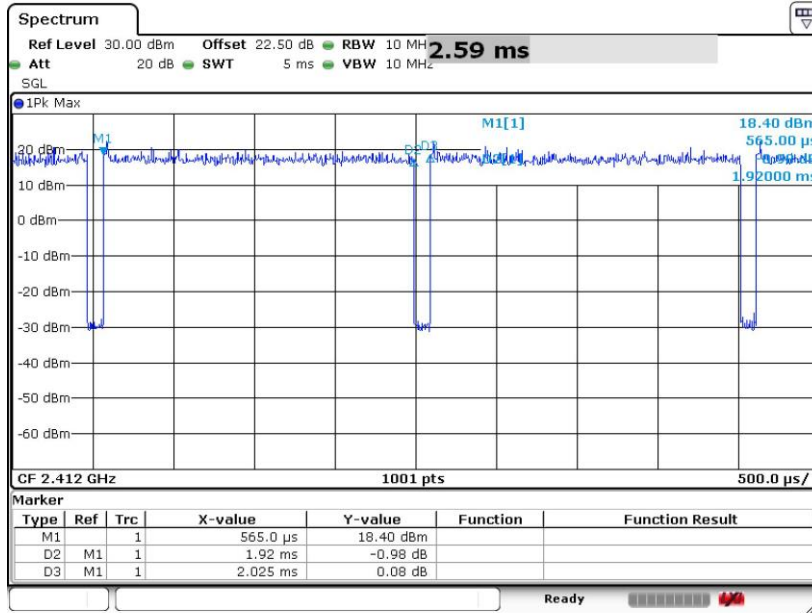
802.11g



Date: 10.APR.2019 22:48:25

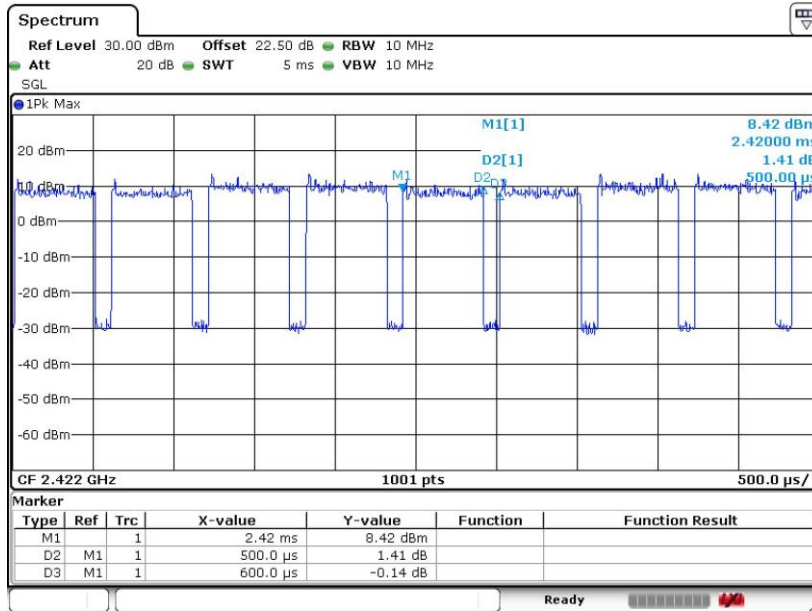


802.11n HT20



Date: 11.APR.2019 03:13:56

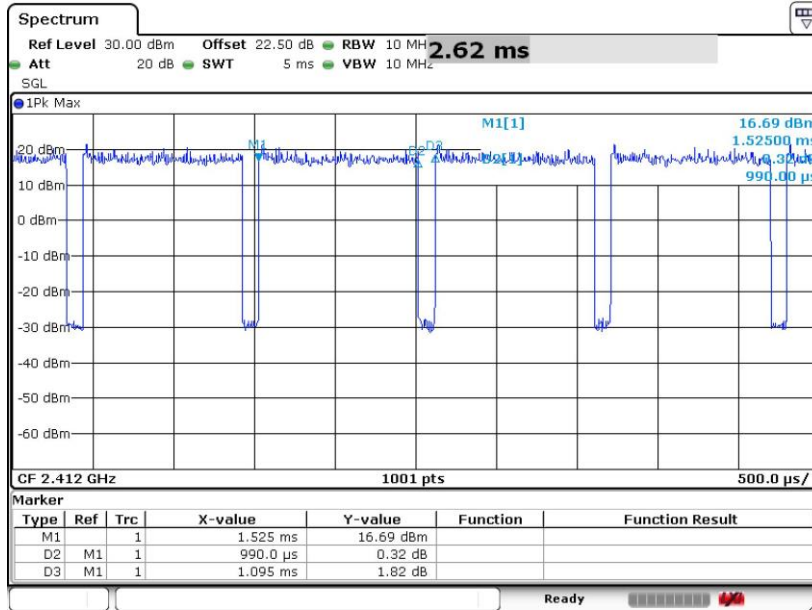
802.11n HT40



Date: 11.APR.2019 04:24:20

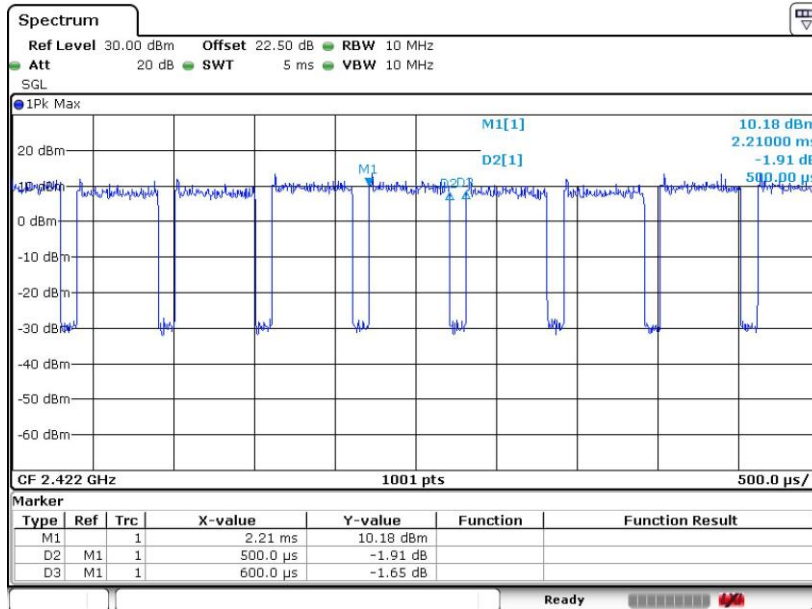


802.11ac VHT20



Date: 11.APR.2019 02:14:07

802.11ac VHT40



Date: 11.APR.2019 03:23:03