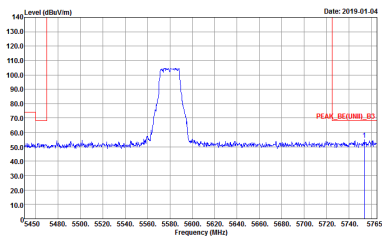


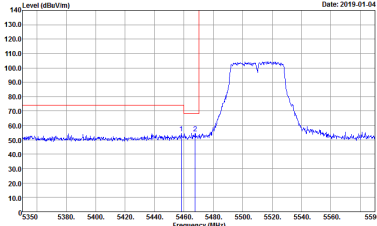
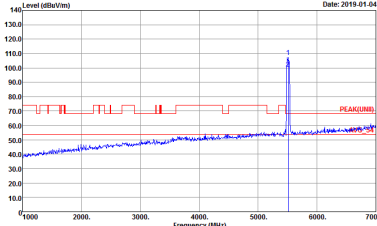
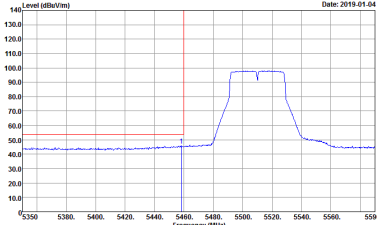


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : USCH416-11V Condition : PEAK_BE(UNIT)_B3 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 801306	Left blank

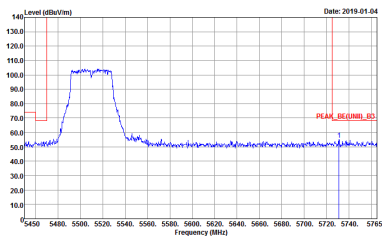


Band 3 5470~5725MHz

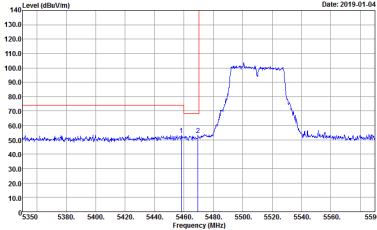
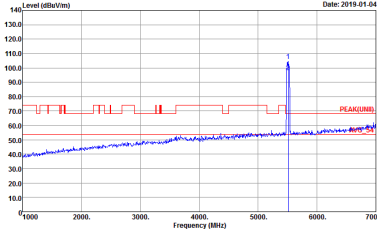
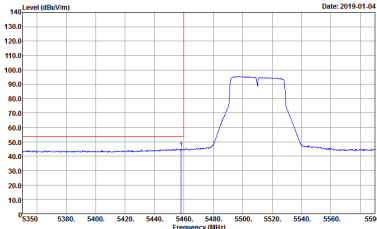
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT1)_B3 3m 91200_1522 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 8D1306	 Site : 03CH16-HY Condition : PEAK(UNIT1) 3m 91200_1522 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 8D1306
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT1)_B3 3m 91200_1522 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 8D1306	Left blank

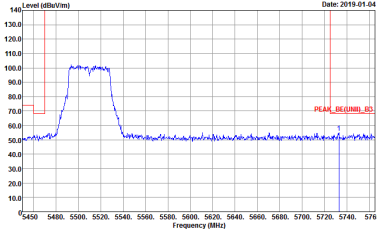


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : USCH10-10V Condition : PEAK_BE(UNIT), B3 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 801306	Left blank

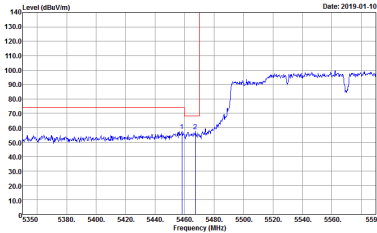
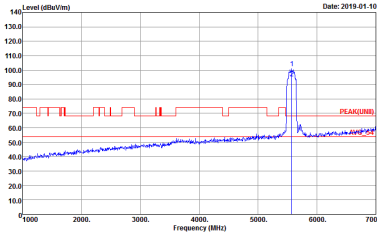
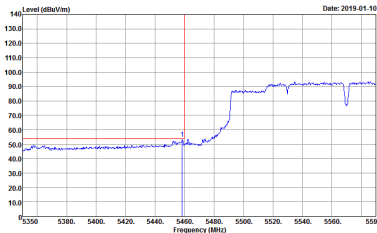


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT1)_B3 3m 91200_1522 VERTICAL Detector : Peak Project : 8D1306	 Site : 03CH16-HY Condition : PEAK(UNIT1) 3m 91200_1522 VERTICAL Detector : Peak Project : 8D1306
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT1)_B3 3m 91200_1522 VERTICAL Detector : Peak Project : 8D1306	Left blank

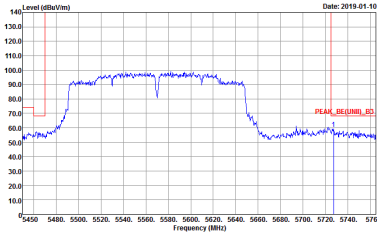


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : USCH102-10V Condition : PEAK_BE(UNIT), B3 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 801306	Left blank

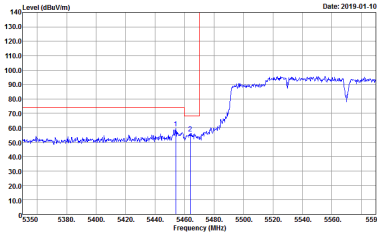
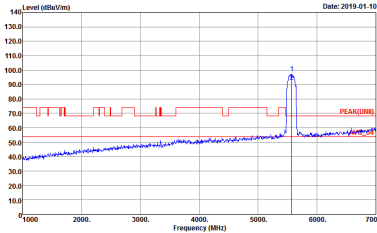
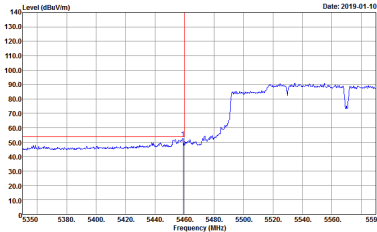
Band 3 5470~5725MHz
WIFI 802.11ac VHT160 (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT160 CH114 5570MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AV6_BE(UNIT)_B3 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:10.000KHz SWT:Auto	Left blank

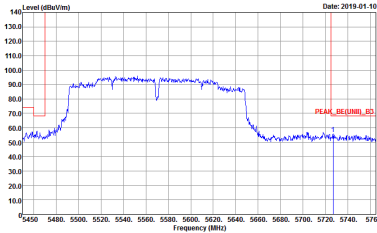


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT160 CH114 5570MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n VHT160 CH114 5570MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_B3 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:30.000KHz SWT:Auto	Left blank

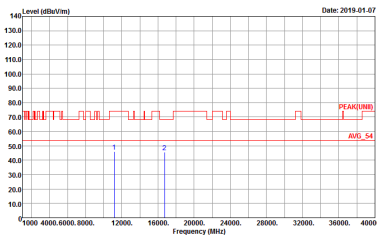
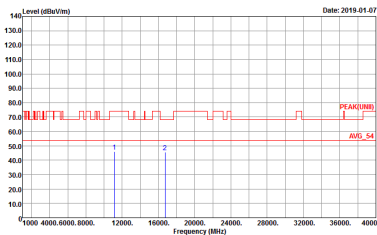


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n VHT160 CH114 5570MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

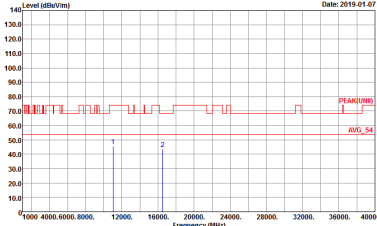
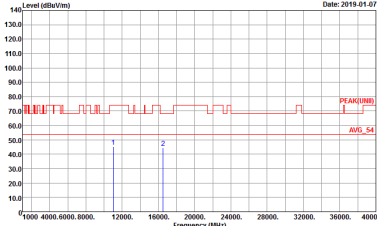


Band 3 - 5470~5725MHz

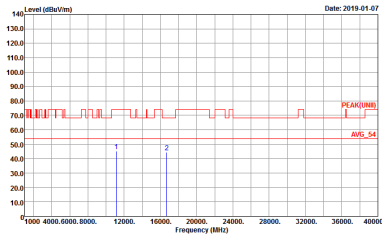
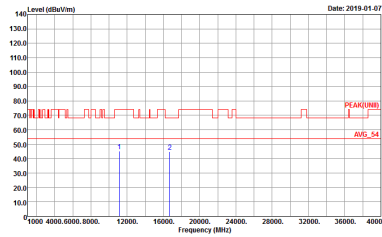
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH116 5580MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 8D1306	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 8D1306

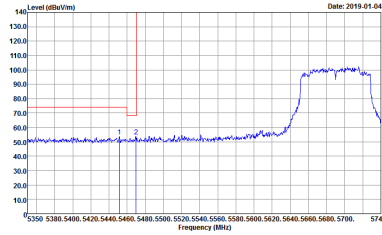
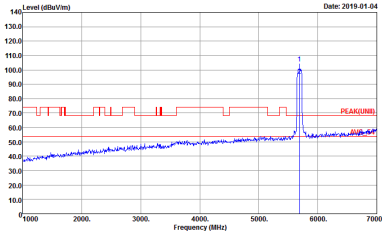
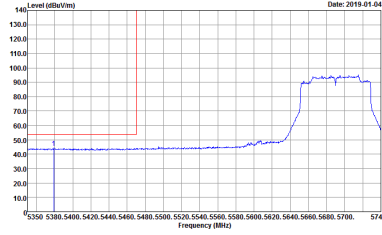
Band 3 5470~5725MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT40 CH102 5510MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 8D1306	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 8D1306

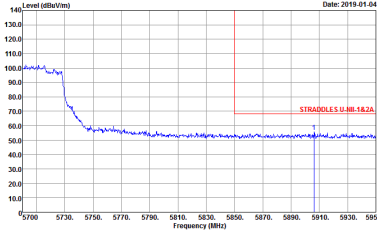
Band 3 5470~5725MHz
WIFI 802.11ac VHT160 (Harmonic @ 3m)

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT160 CH114 5570MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak

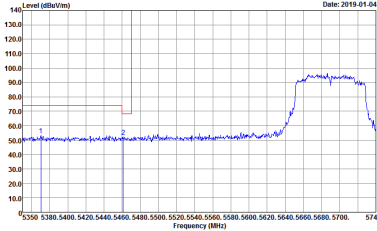
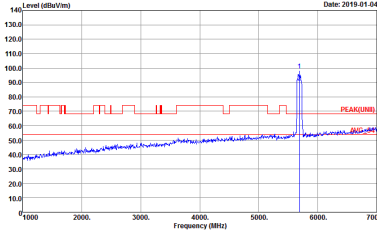
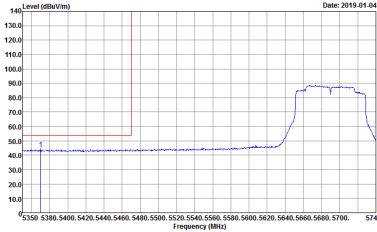
Band 3 - Straddle Channel
WIFI 802.11ac VHT80 (Fundamental @ 3m)

WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac VHT80 CH138 5690MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : STRADDLES U-NII-1A2A 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8D1306	 Site : 03CH16-HY Condition : PEAK(UNII) 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8D1306
Avg.	 Site : 03CH16-HY Condition : U-NII-1A2A AVERAGE 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8D1306	Left blank

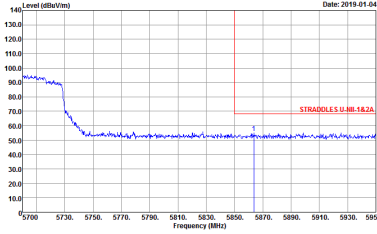


WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac VHT80 CH138 5690MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : STRADDLES U-NI-1A2A 3m 9120D_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8D1306	Left blank



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac VHT80 CH138 5690MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : STRADDLES U-NIT-1A2A 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8D1306	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8D1306
Avg.	 Site : 03CH16-HY Condition : U-NIT-1A2A AVERAGE 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8D1306	Left blank

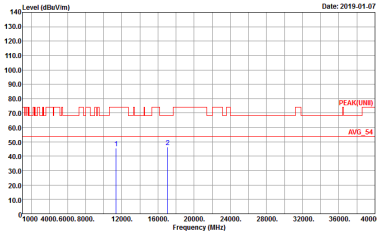
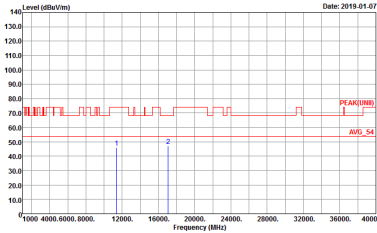


WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac VHT80 CH138 5690MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : STRADDLES U-NI-1A2A 3m 9120D_1522 VERTICAL Detector : Peak Project : 8D1306	Left blank



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
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 8D1306	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 8D1306

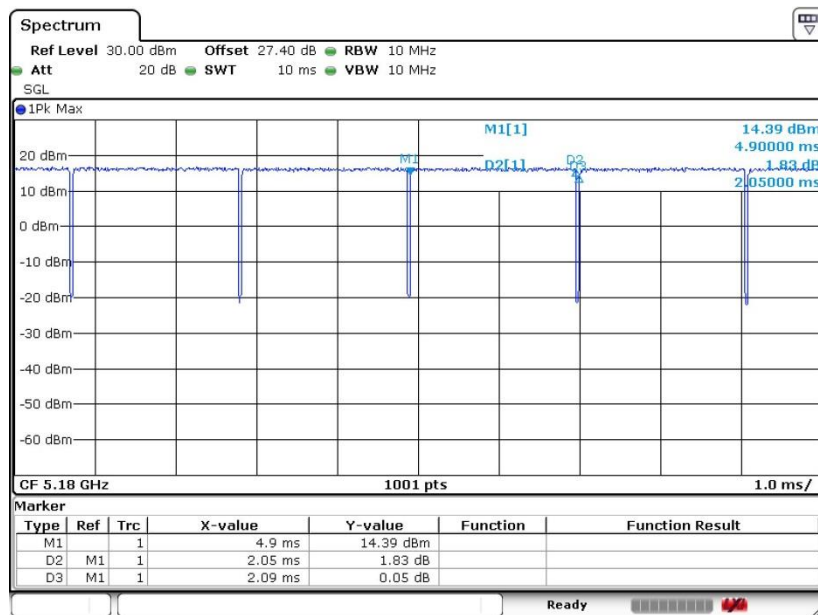
Appendix E. Duty Cycle Plots

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting	Duty Factor(dB)
1	802.11a	98.09	-	-	10Hz	0.08
2	802.11a	98.09	-	-	10Hz	0.08
1	5GHz 802.11n HT20	97.45	1910	0.52	1kHz	0.11
2	5GHz 802.11n HT20	97.45	1910	0.52	1kHz	0.11
1+2	5GHz 802.11n HT20 for Ant. 1	97.45	1910	0.52	1kHz	0.11
1+2	5GHz 802.11n HT20 for Ant. 2	97.45	1910	0.52	1kHz	0.11
1	5GHz 802.11n HT40	95.92	940	1.06	3kHz	0.18
2	5GHz 802.11n HT40	95.90	935	1.07	3kHz	0.18
1+2	5GHz 802.11n HT40 for Ant. 1	94.92	935	1.07	3kHz	0.23
1+2	5GHz 802.11n HT40 for Ant. 2	94.92	935	1.07	3kHz	0.23
1	5GHz 802.11ac VHT20	97.96	1920	0.52	1kHz	0.09
2	5GHz 802.11ac VHT20	97.96	1920	0.52	1kHz	0.09
1+2	5GHz 802.11ac VHT20 for Ant. 1	97.45	1910	0.52	1kHz	0.11
1+2	5GHz 802.11ac VHT20 for Ant. 2	97.46	1920	0.52	1kHz	0.11
1	5GHz 802.11ac VHT40	95.45	945	1.06	3kHz	0.20
2	5GHz 802.11ac VHT40	95.43	940	1.06	3kHz	0.20
1+2	5GHz 802.11ac VHT40 for Ant. 1	94.97	945	1.06	3kHz	0.22
1+2	5GHz 802.11ac VHT40 for Ant. 2	94.97	945	1.06	3kHz	0.22
1	5GHz 802.11ac VHT80	92.00	460	2.17	3kHz	0.36
2	5GHz 802.11ac VHT80	92.00	460	2.17	3kHz	0.36
1+2	5GHz 802.11ac VHT80 for Ant. 1	90.20	460	2.17	3kHz	0.45
1+2	5GHz 802.11ac VHT80 for Ant. 2	90.20	460	2.17	3kHz	0.45
1	5GHz 802.11ac VHT160	86.30	252	3.97	10kHz	0.64
2	5GHz 802.11ac VHT160	85.71	252	3.97	10kHz	0.67
1+2	5GHz 802.11ac VHT160 for Ant. 1	85.37	280	3.57	10kHz	0.69
1+2	5GHz 802.11ac VHT160 for Ant. 2	85.37	280	3.57	10kHz	0.69



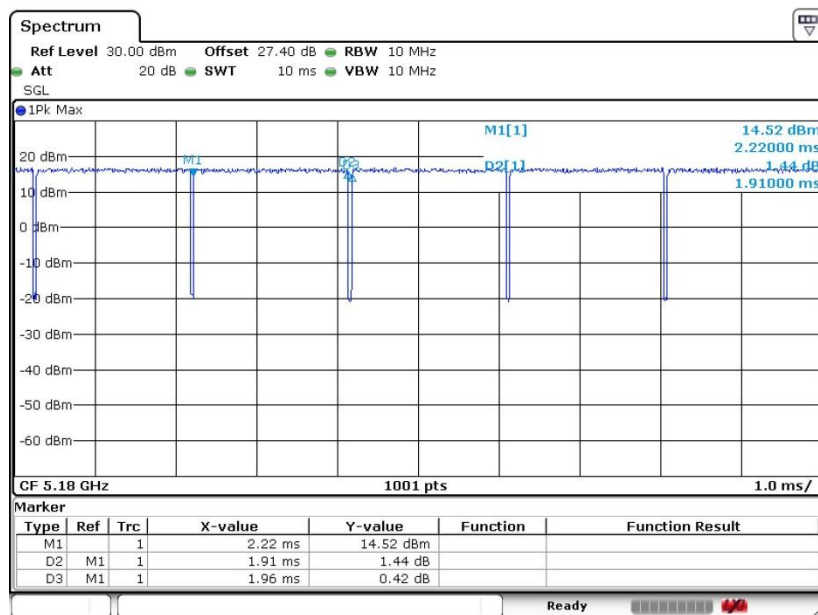
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802.11a



Date: 15.DEC.2018 06:26:17

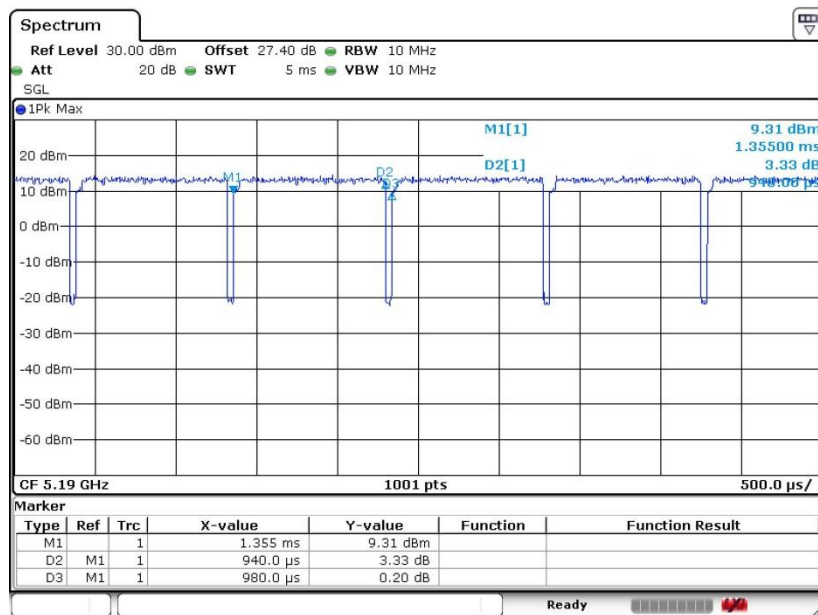
802.11n HT20



Date: 15.DEC.2018 07:27:20

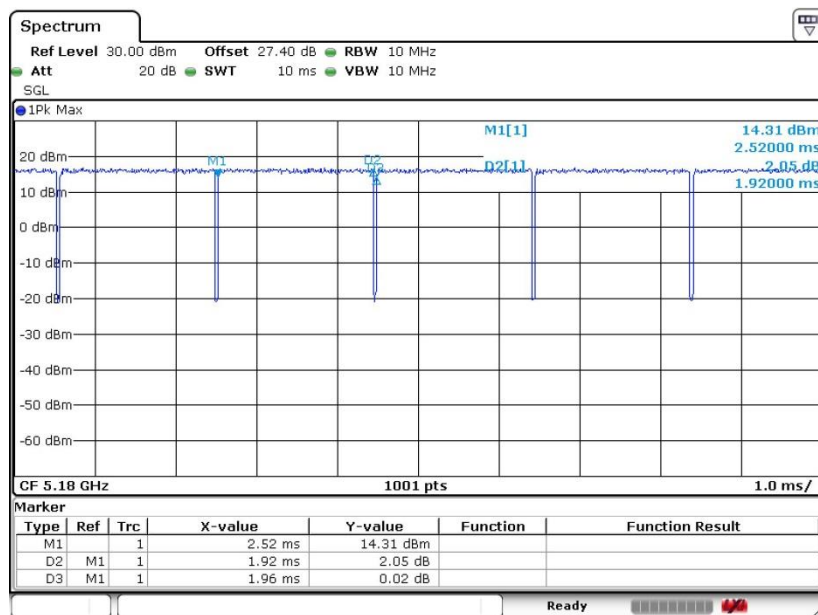


802.11n HT40

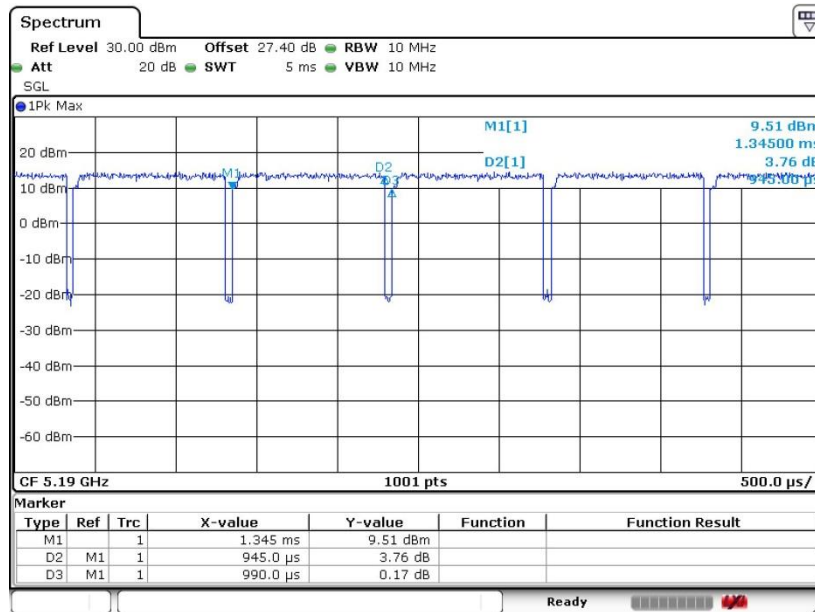


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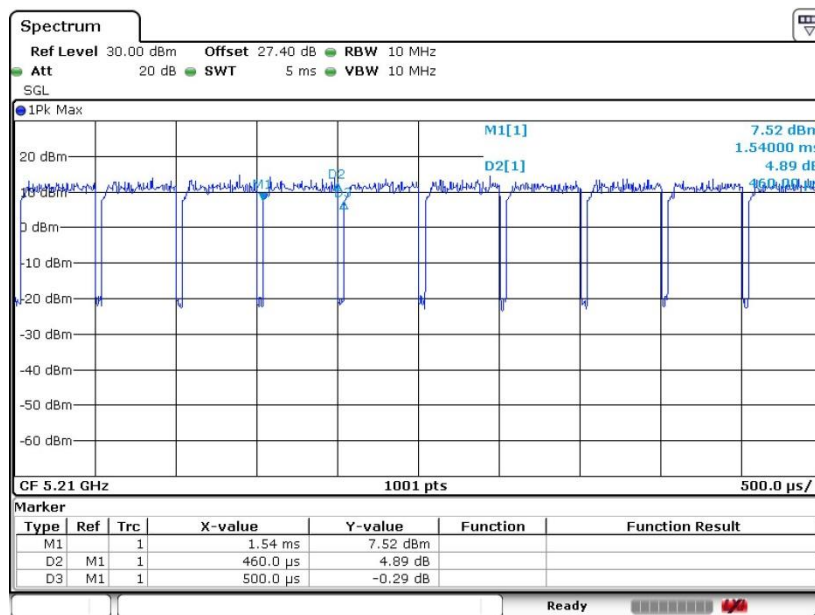
802.11ac VHT20



Date: 15.DEC.2018 07:30:11

802.11ac VHT40


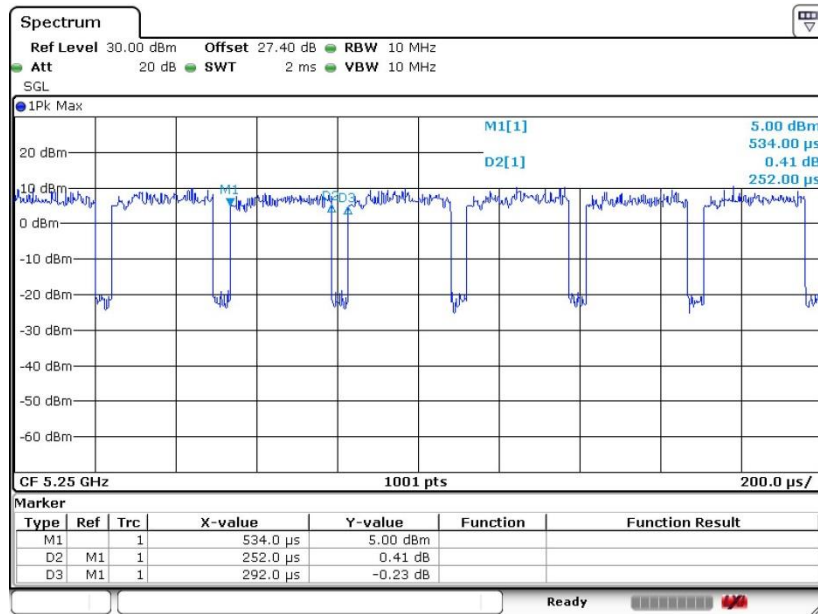
Date: 15.DEC.2018 07:22:13

802.11ac VHT80


Date: 15.DEC.2018 07:19:03



802.11ac VHT160

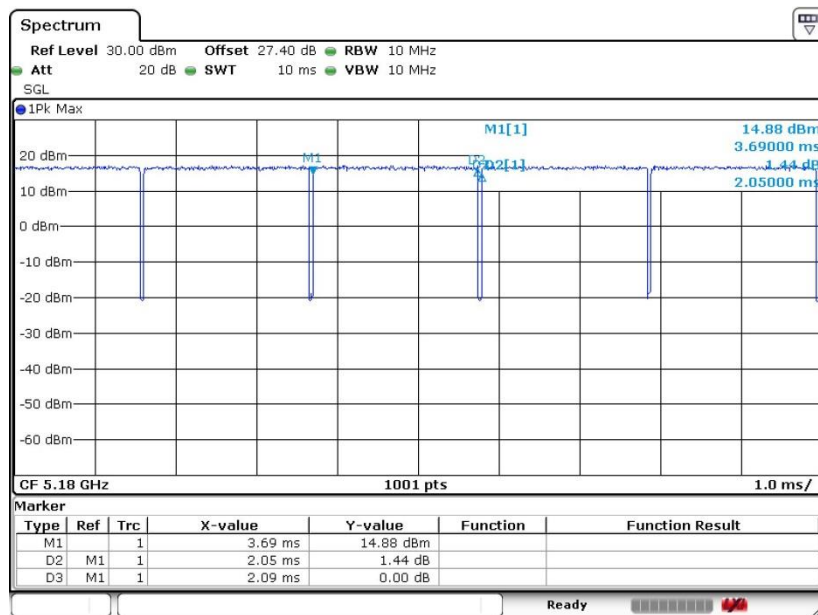


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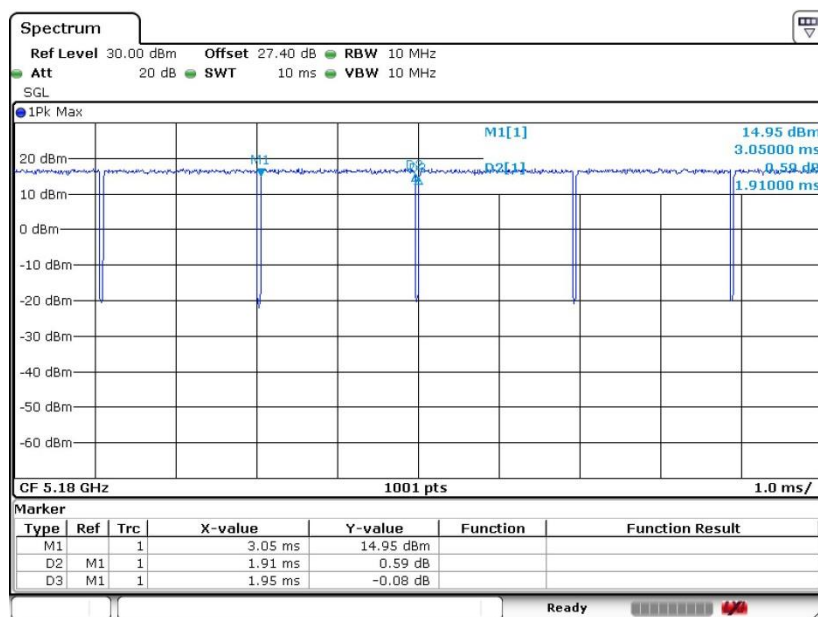
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802.11a



Date: 15.DEC.2018 06:40:16

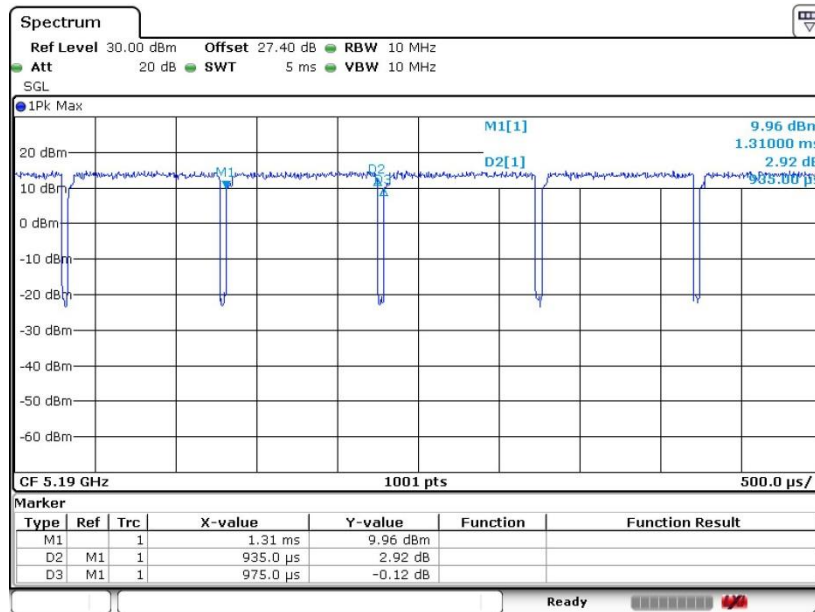
802.11n HT20



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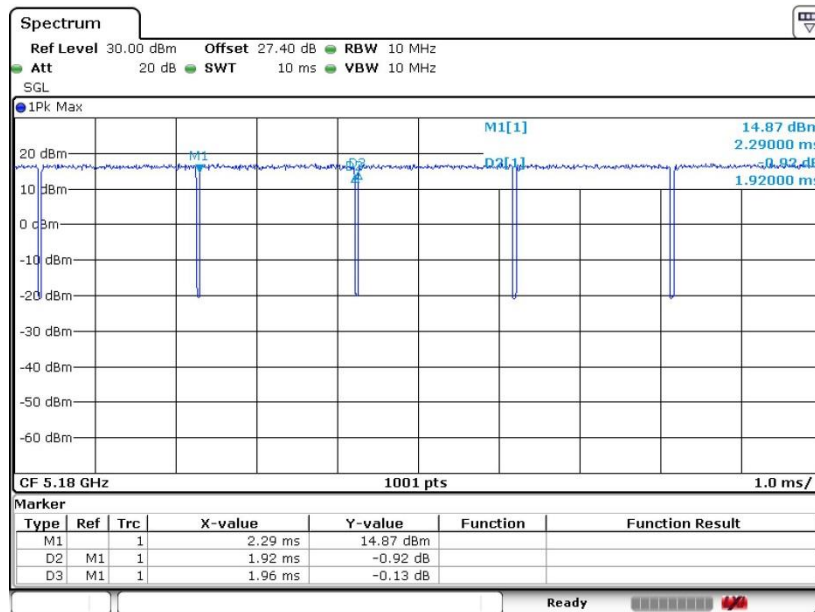


802.11n HT40



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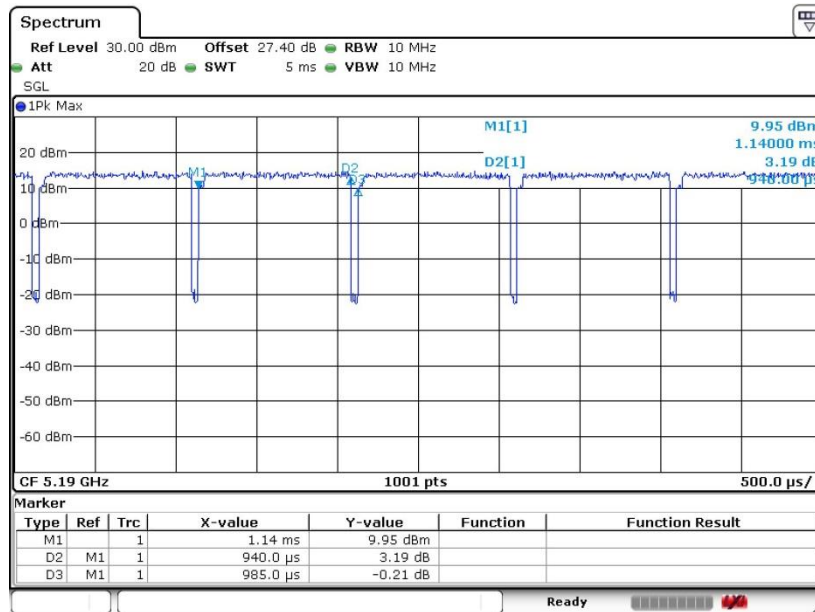
802.11ac VHT20



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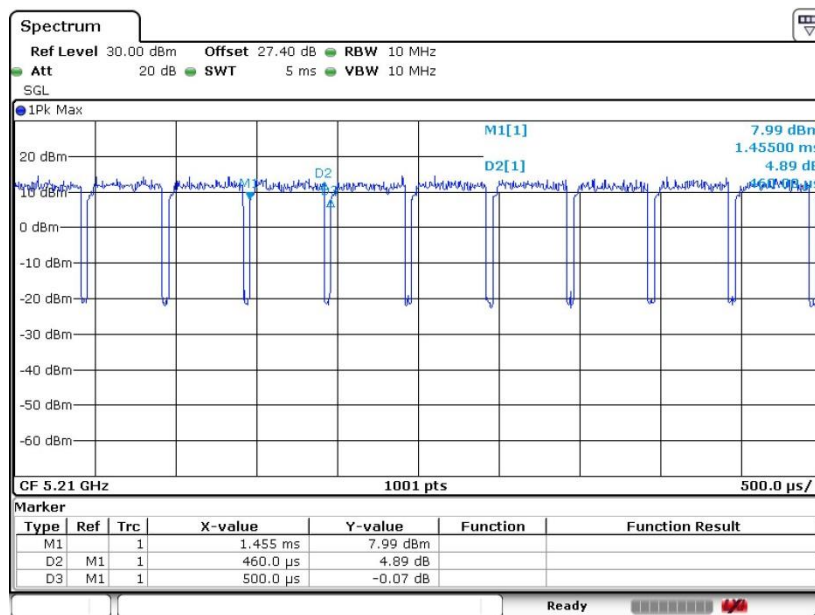


802.11ac VHT40



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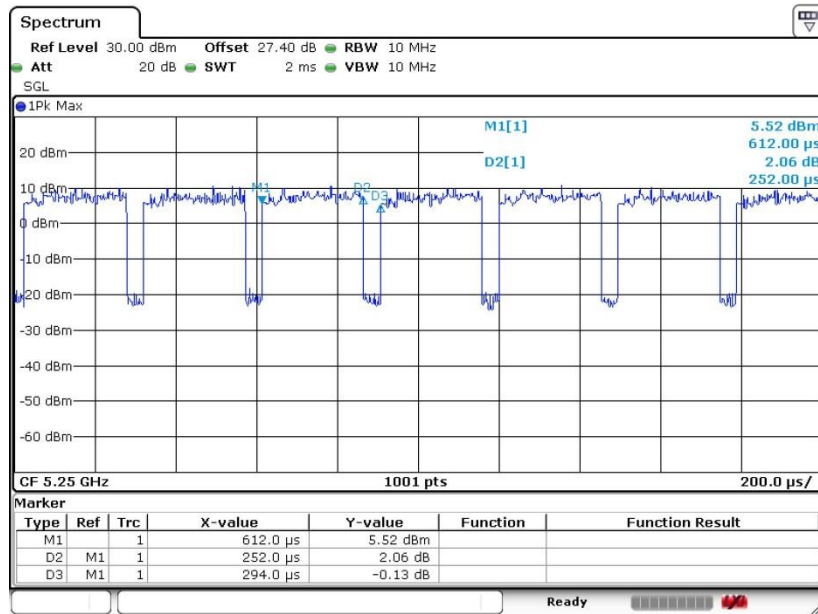
802.11ac VHT80



Date: 15.DEC.2018 07:19:53



802.11ac VHT160

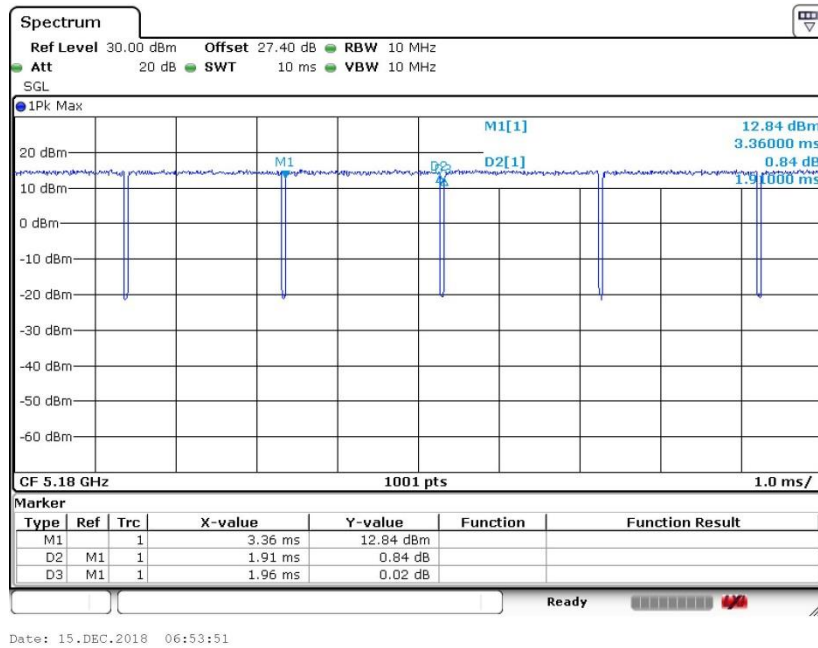


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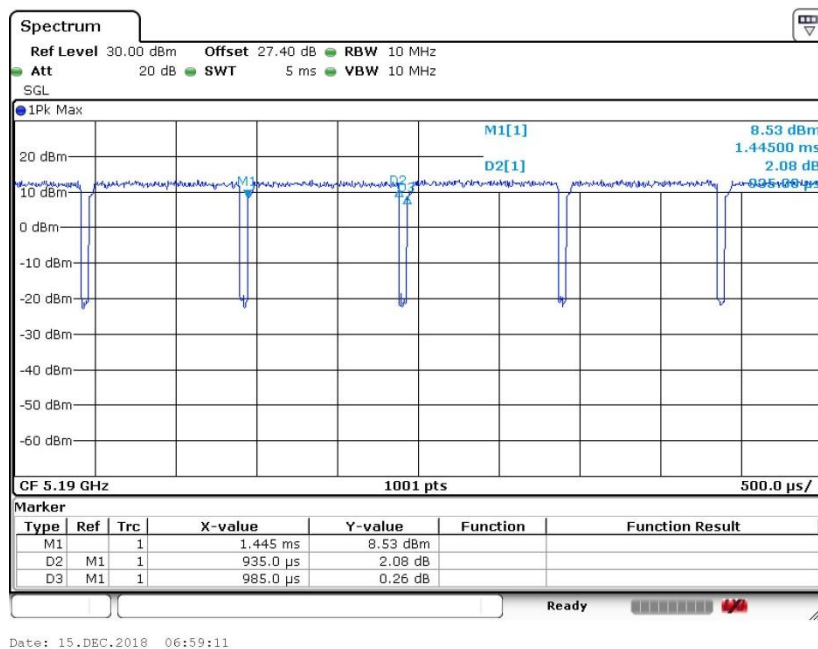


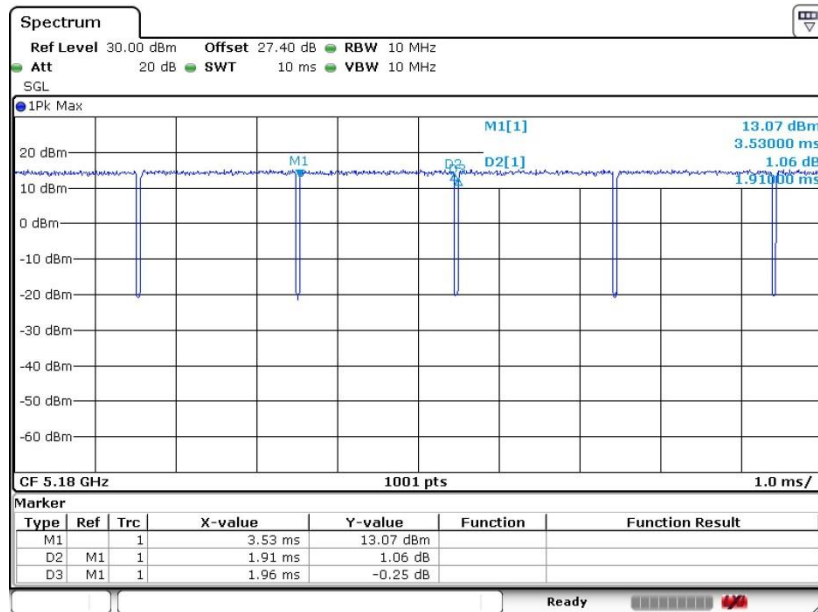
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802.11n HT20

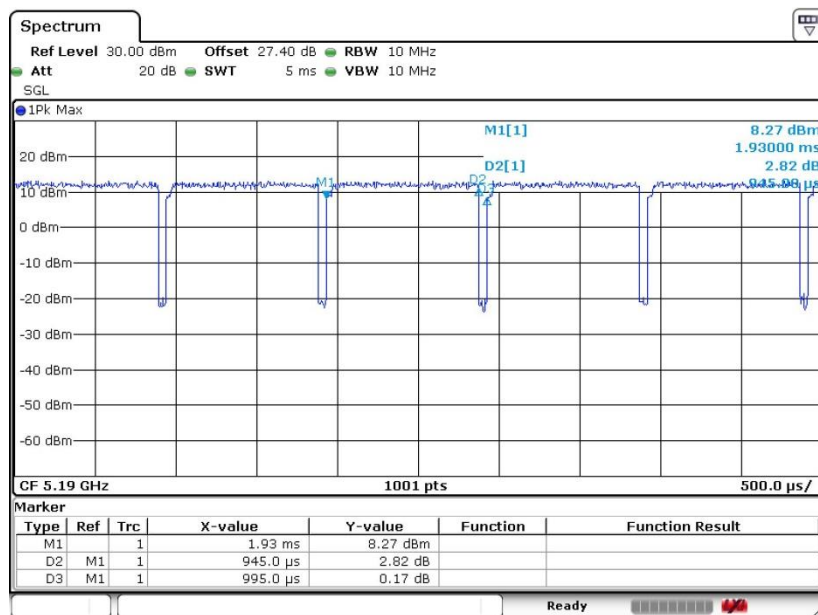


802.11n HT40



802.11ac VHT20


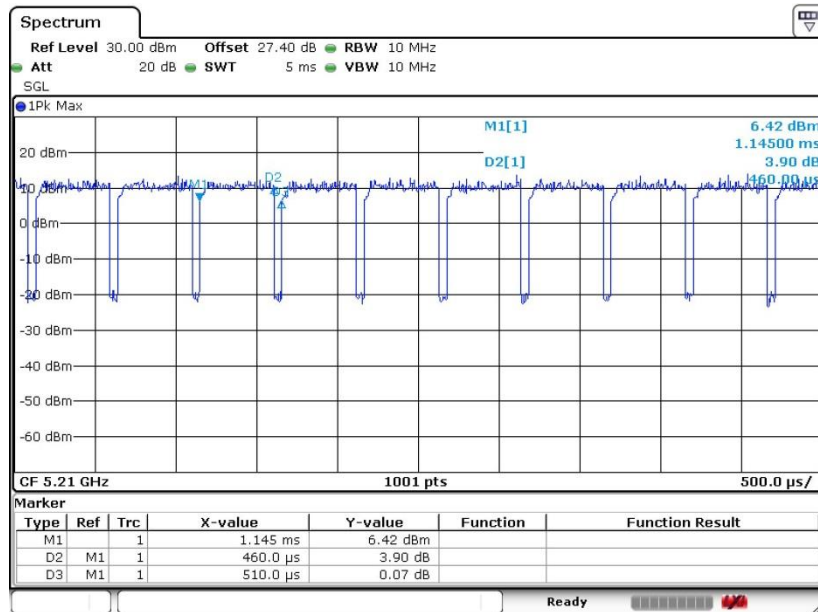
Date: 15.DEC.2018 06:55:25

802.11ac VHT40


Date: 15.DEC.2018 06:58:16

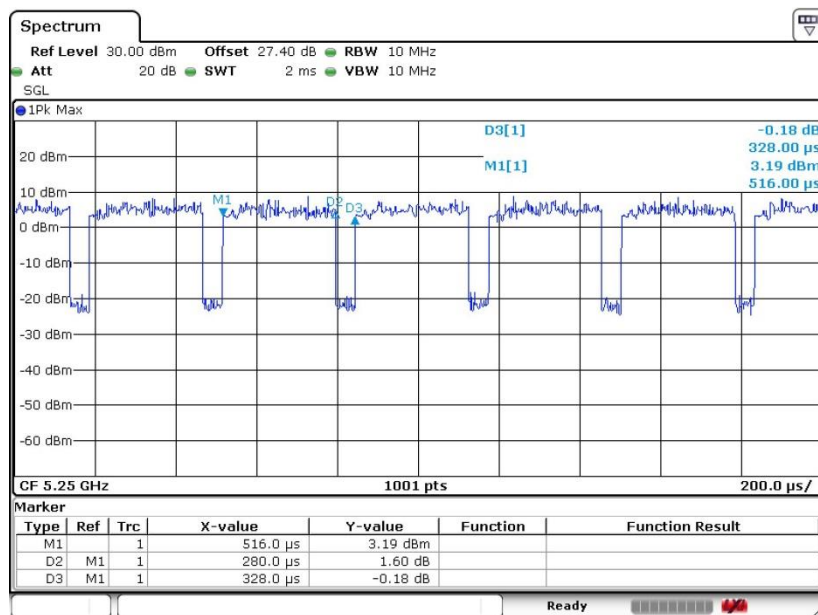


802.11ac VHT80



Date: 15.DEC.2018 07:17:23

802.11ac VHT160

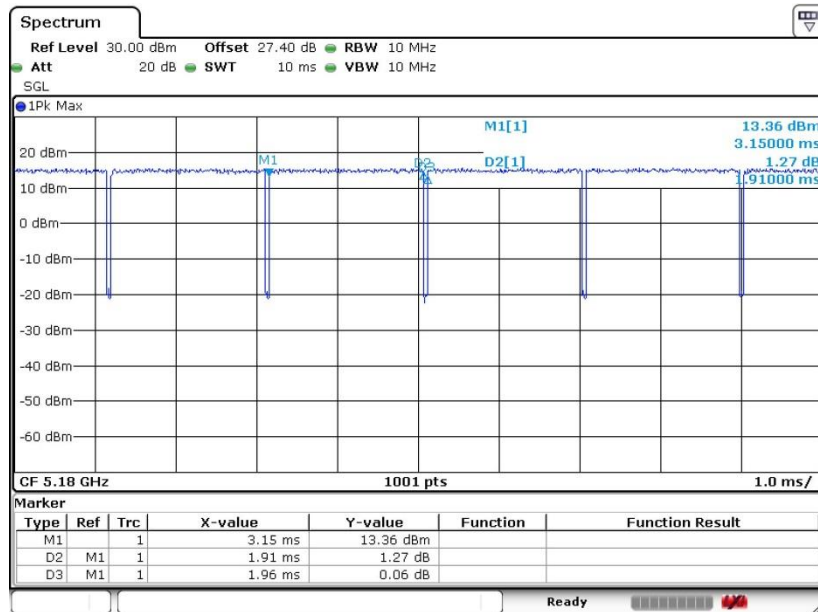


Date: 15.DEC.2018 07:11:08



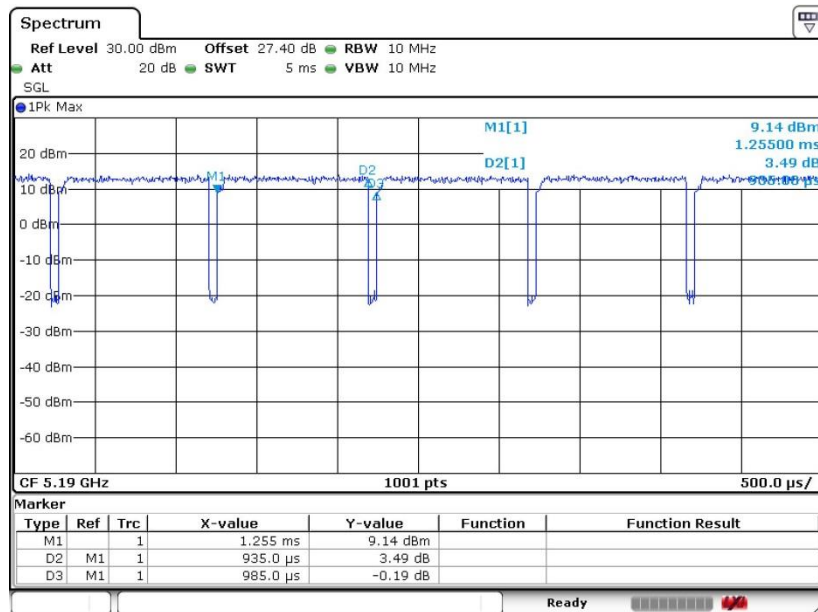
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802.11n HT20



Date: 15.DEC.2018 06:53:05

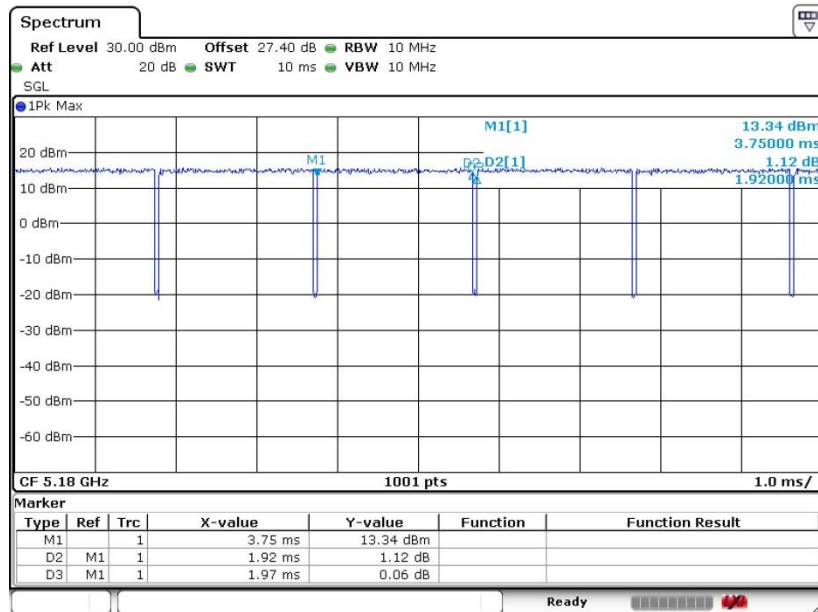
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Date: 15.DEC.2018 06:59:51

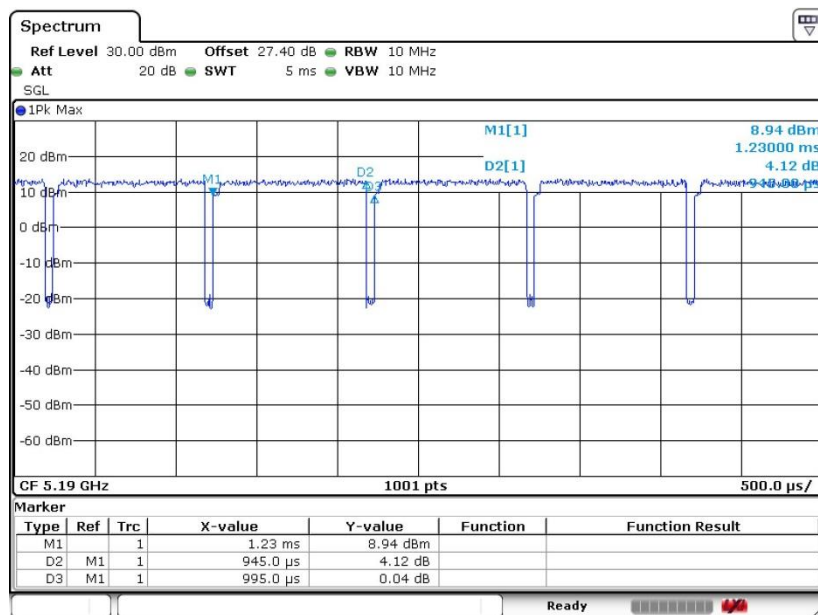


802.11ac VHT20



Date: 15.DEC.2018 06:56:08

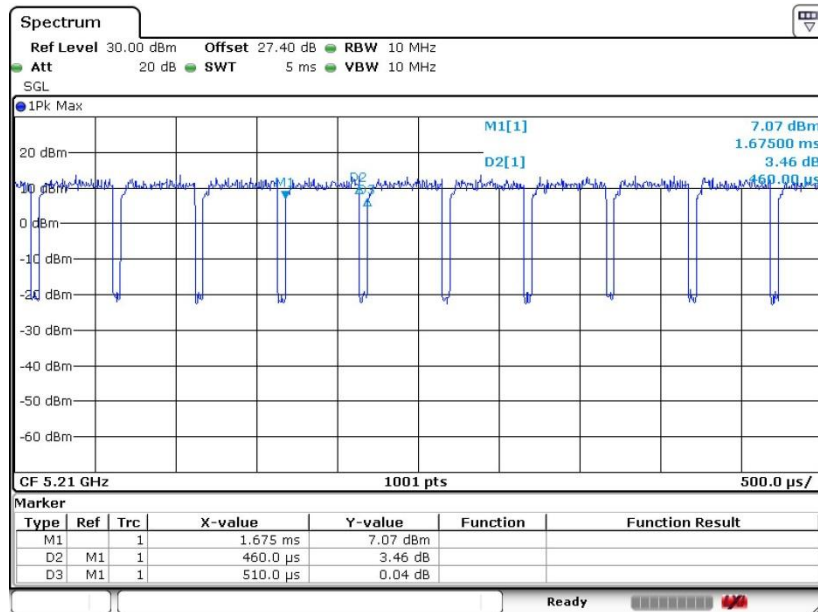
802.11ac VHT40



Date: 15.DEC.2018 06:57:32

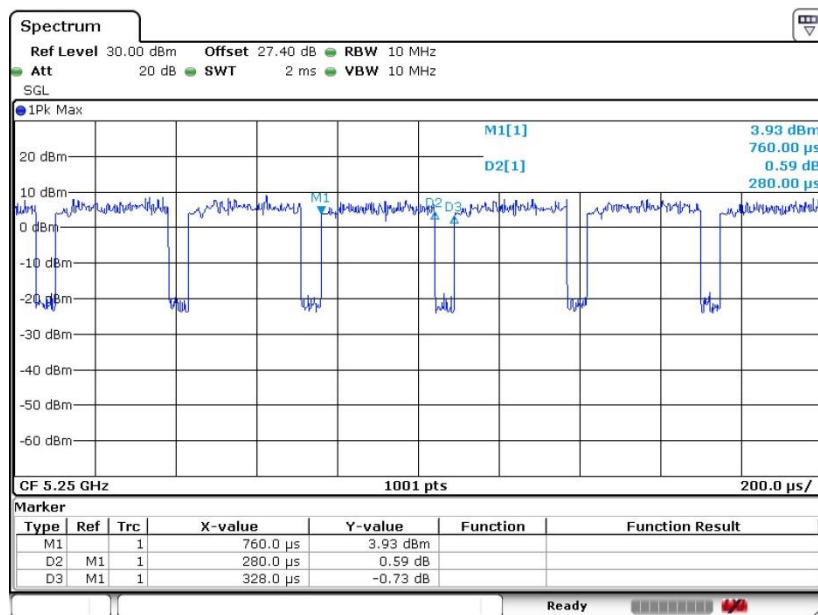


802.11ac VHT80



Date: 15.DEC.2018 07:18:04

802.11ac VHT160



Date: 15.DEC.2018 07:04:32