



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - R	
1	Horizontal	Fundamental
Peak	<p>Site : 03CHZ-11Y Condition : PEAK_RE(UMI)_B3 3m HORN_9120D_1328 HORIZONTAL RBW:3000.0000kHz VBW:3000.0000kHz SWT:Auto Detector : Peak Project : 832801-05</p>	Left blank

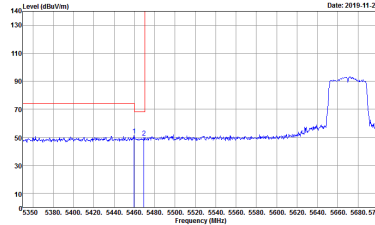
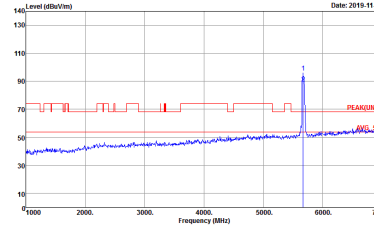
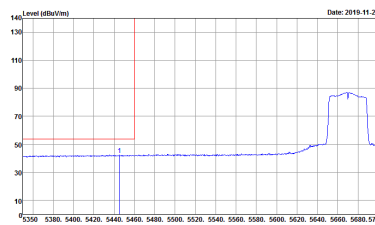


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - L	
1	Vertical	Fundamental
Peak	<p>Site : 03CH12-11Y Condition : PEAK_BE(UNIT1)_B3 3m HORN_9120D_1328 VERTICAL RBW:3000.0000kHz VBW:3000.0000kHz SWT:Auto Detector : Peak Project : 832801-05</p>	<p>Site : 03CH12-11Y Condition : PEAK(UNIT1) 3m HORN_9120D_1328 VERTICAL RBW:3000.0000kHz VBW:3000.0000kHz SWT:Auto Detector : Peak Project : 832801-05</p>
Avg.	<p>Site : 03CH12-11Y Condition : AVG_BE(UNIT1)_B3 3m HORN_9120D_1328 VERTICAL RBW:3000.0000kHz VBW:3000.0000kHz SWT:Auto Detector : Peak Project : 832801-05</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - R	
1	Vertical	Fundamental
Peak	<p>Site : 03CHZ-11Y Condition : PEAK_BEUNIII_B3 3m HORN_9120D_1328 VERTICAL RBW:10000000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : 832801-05</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - L	
1	Horizontal	Fundamental
<p>Peak</p>	 <p>Site : 03CH2-11Y Condition : PEAK_BE(UNIT1)_B3 3m HORN_9120D_1328 HORIZONTAL RBW:3000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 832801-05</p>	 <p>Site : 03CH2-11Y Condition : PEAK(UNIT1) 3m HORN_9120D_1328 HORIZONTAL RBW:3000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 832801-05</p>
<p>Avg.</p>	 <p>Site : 03CH2-11Y Condition : AVG_BE(UNIT1)_B3 3m HORN_9120D_1328 HORIZONTAL RBW:3000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 832801-05</p>	<p>Left blank</p>



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - R	
1	Horizontal	Fundamental
Peak	<p>Site: 03CHZ-11Y Condition: PEAK_RE(UMI)_B3 3m HORN_9120D_1328 HORIZONTAL RBW:3000.000kHz VBW:3000.000kHz SWT:Auto Detector: Peak Project: 832801-05</p>	Left blank



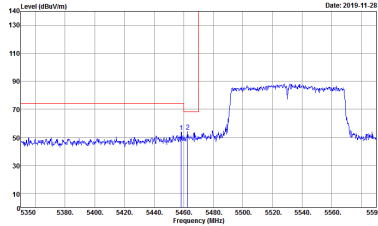
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - L	
1	Vertical	Fundamental
Peak	<p>Site : 03CH2-11Y Condition : PEAK_BE(UNIT1)_B3 3m HORN_9120D_1328 VERTICAL RBW:3000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 832801-05</p>	<p>Site : 03CH2-11Y Condition : PEAK(UNIT1) 3m HORN_9120D_1328 VERTICAL RBW:3000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 832801-05</p>
Avg.	<p>Site : 03CH2-11Y Condition : AVG_BE(UNIT1)_B3 3m HORN_9120D_1328 VERTICAL RBW:3000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 832801-05</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - R	
1	Vertical	Fundamental
Peak	<p>Site : 03CHZ-11Y Condition : PEAK_RE(UMI)_B3 3m HORN_9120D_1328 VERTICAL RBW:3000.0000kHz VBW:3000.0000kHz SWT:Auto Detector : Peak Project : 832801-05</p>	Left blank



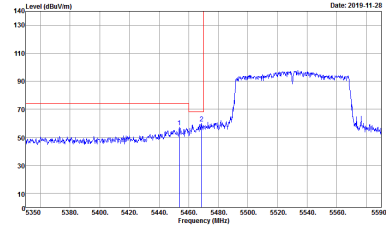
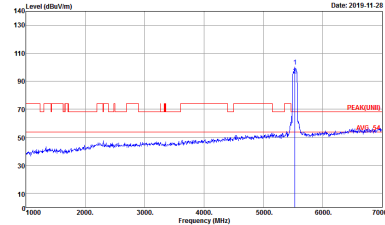
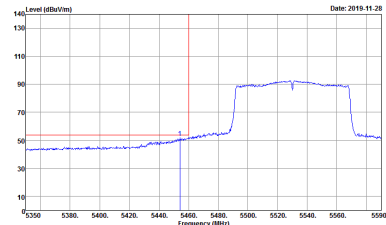
Band 3 5470~5725MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - L	
1	Horizontal	Fundamental
<p>Peak</p>	 <p>Site : 03CH12-HY Condition : PEAK_BE(UNIT1)_B3 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 832801-05 Setting : .44</p>	 <p>Site : 03CH12-HY Condition : PEAK(UNIT1) 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 832801-05 Setting : .44</p>
<p>Avg.</p>	 <p>Site : 03CH12-HY Condition : AVG_BE(UNIT1)_B3 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000KHz VBW:10000KHz SWT:Auto Detector : Peak Project : 832801-05 Setting : .44</p>	<p>Left blank</p>

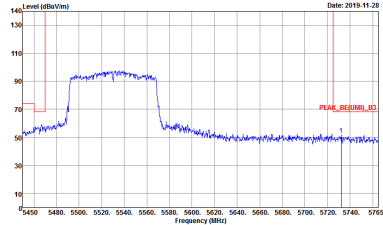


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - R	
1	Horizontal	Fundamental
Peak	<p>Site : 03CHZ-11Y Condition : PEAK_BEUNIII_B3 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 832801-05 Setting : 44</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - L	
1	Vertical	Fundamental
<p>Peak</p>	 <p>Site : 03CH12-11Y Condition : PEAK_BE(UNIT1)_B3 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 832801-05 Setting : -44</p>	 <p>Site : 03CH12-11Y Condition : PEAK(UNIT1) 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 832801-05 Setting : -44</p>
<p>Avg.</p>	 <p>Site : 03CH12-11Y Condition : AVG_BE(UNIT1)_B3 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 832801-05 Setting : -44</p>	<p>Left blank</p>

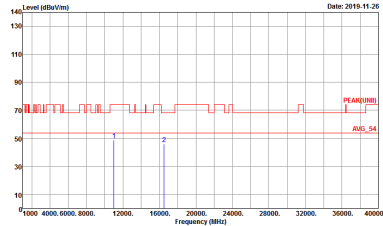
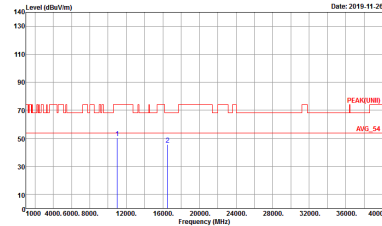


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - R	
1	Vertical	Fundamental
Peak	 <p>Site : 03CHZ-11Y Condition : PEAK_BEUNIII_B3 3m HORN_9120D_1328 VERTICAL RBW:10000000Hz VBW:30000000Hz SWT:Auto Detector : Peak Project : 832801-05 Setting : 44</p>	Left blank



Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH100 5500MHz	
1	Horizontal	Vertical
<p>Peak Avg.</p>	 <p>Site : 03CH12-HY Condition : PEAK(LINE1) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 832801-05</p>	 <p>Site : 03CH12-HY Condition : PEAK(LINE1) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 832801-05</p>



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH116 5580MHz	
1	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH12-1#V Condition : PEAK(UNII) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 832801-05</p>	<p>Site : 03CH12-1#V Condition : PEAK(UNII) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 832801-05</p>



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH140 5700MHz	
1	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH12-1#V Condition : PEAK(UNII) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 832801-05</p>	<p>Site : 03CH12-1#V Condition : PEAK(UNII) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 832801-05</p>



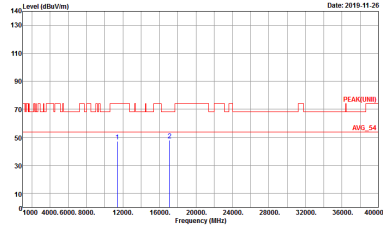
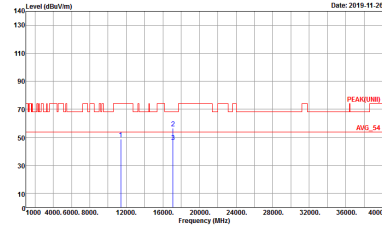
**Band 3 5470~5725MHz
WIFI 802.11n HT20 (Harmonic @ 3m)**

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
1	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH12-HY Condition : PEAK(UNII) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 832801-05</p>	<p>Site : 03CH12-HY Condition : PEAK(UNII) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 832801-05</p>



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH116 5580MHz	
1	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH12-1#V Condition : PEAK(UNII) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 832801-05</p>	<p>Site : 03CH12-1#V Condition : PEAK(UNII) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 832801-05</p>



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	 <p>Site : 03CH12-1#V Condition : PEAK(UNII) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 832801-05</p>	 <p>Site : 03CH12-1#V Condition : PEAK(UNII) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 832801-05</p>



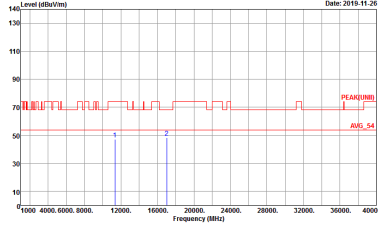
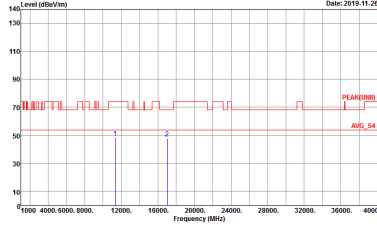
**Band 3 5470~5725MHz
WIFI 802.11n HT40 (Harmonic @ 3m)**

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT40 CH102 5510MHz	
1	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH12-HY Condition : PEAK(UNII) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 832801-05</p>	<p>Site : 03CH12-HY Condition : PEAK(UNII) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 832801-05</p>



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT40 CH110 5550MHz	
1	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH12-1#V Condition : PEAK(UNII) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 832801-05</p>	<p>Site : 03CH12-1#V Condition : PEAK(UNII) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 832801-05</p>



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT40 CH134 5670MHz	
1	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	 <p>Site : 03CH12-1#Y Condition : PEAK(UNII) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 832801-05</p>	 <p>Site : 03CH12-1#Y Condition : PEAK(UNII) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 832801-05</p>



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

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz	
1	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH12-HY Condition : PEAK(UNII) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 832801-05</p>	<p>Site : 03CH12-HY Condition : PEAK(UNII) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 832801-05</p>



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

WIFI	Band 3 Straddle Channel Fundamental @ 3m	
ANT	802.11a CH144 5720MHz	
1	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH2-HY Condition : PEAK(LINE) 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 832801_05</p>	<p>Site : 03CH2-HY Condition : PEAK(LINE) 3m HORN_9120D_1328 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 832801_05</p>



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

WIFI	Band 3 Straddle Channel Fundamental @ 3m	
ANT	802.11n HT20 CH144 5720MHz	
1	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH12-HY Condition : PEAK(UNII) 3m HORN_91200_1328 HORIZONTAL RBW:3000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 832801-05</p>	<p>Site : 03CH12-HY Condition : PEAK(UNII) 3m HORN_91200_1328 VERTICAL RBW:3000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 832801-05</p>



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

WIFI	Band 3 Straddle Channel Fundamental @ 3m	
ANT	802.11n HT40 CH142 5710MHz	
1	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH12-HY Condition : PEAK(UNII) 3m HORN_91200_1328 HORIZONTAL RBW:3000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 832801-05</p>	<p>Site : 03CH12-HY Condition : PEAK(UNII) 3m HORN_91200_1328 VERTICAL RBW:3000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 832801-05</p>



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

WIFI	Band 3 Straddle Channel Fundamental @ 3m	
ANT	802.11ac VHT80 CH138 5690MHz	
1	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH12-HY Condition : PEAK(UNII) 3m HORN_91200_1328 HORIZONTAL RBW:3000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 832801-05</p>	<p>Site : 03CH12-HY Condition : PEAK(UNII) 3m HORN_91200_1328 VERTICAL RBW:3000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 832801-05</p>



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

WIFI	Band 3 Straddle Channel Harmonic @ 3m	
ANT	802.11a CH144 5720MHz	
1	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH12-HY Condition : PEAK(AVGE) 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 832801-05</p>	<p>Site : 03CH12-HY Condition : PEAK(AVGE) 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 832801-05</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	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH12-HY Condition : PEAK(UNII) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 832801-05</p>	<p>Site : 03CH12-HY Condition : PEAK(UNII) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 832801-05</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	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH12-HY Condition : PEAK(UNII) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 832801-05</p>	<p>Site : 03CH12-HY Condition : PEAK(UNII) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 832801-05</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	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH12-HY Condition : PEAK(UNII) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 832801-05</p>	<p>Site : 03CH12-HY Condition : PEAK(UNII) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 832801-05</p>



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

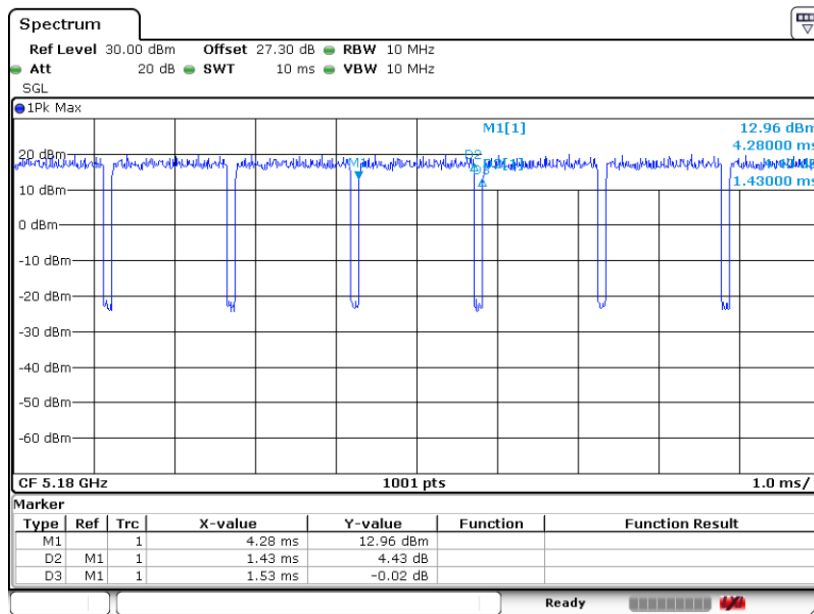
WIFI	5GHz WIFI	
ANT	802.11ac VHT80 LF	
1	Horizontal	Vertical
QP / Peak	<p>Site : 03CH12-HY Condition : QP 3m 802.11ac_6111D_37059 HORIZONTAL Detector : Peak Project : 832801-05</p>	<p>Site : 03CH12-HY Condition : QP 3m 802.11ac_6111D_37059 VERTICAL Detector : Peak Project : 832801-05</p>



Appendix E. Duty Cycle Plots

Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting	Duty Factor(dB)
802.11a	93.46	1430	0.70	1kHz	0.29
5GHz 802.11n HT20	93.01	1330	0.75	1kHz	0.31
5GHz 802.11n HT40	90.61	965	1.04	3kHz	0.43
5GHz 802.11ac VHT40	97.10	670	1.49	3kHz	0.13
5GHz 802.11ac VHT80	93.79	332	3.01	10kHz	0.28

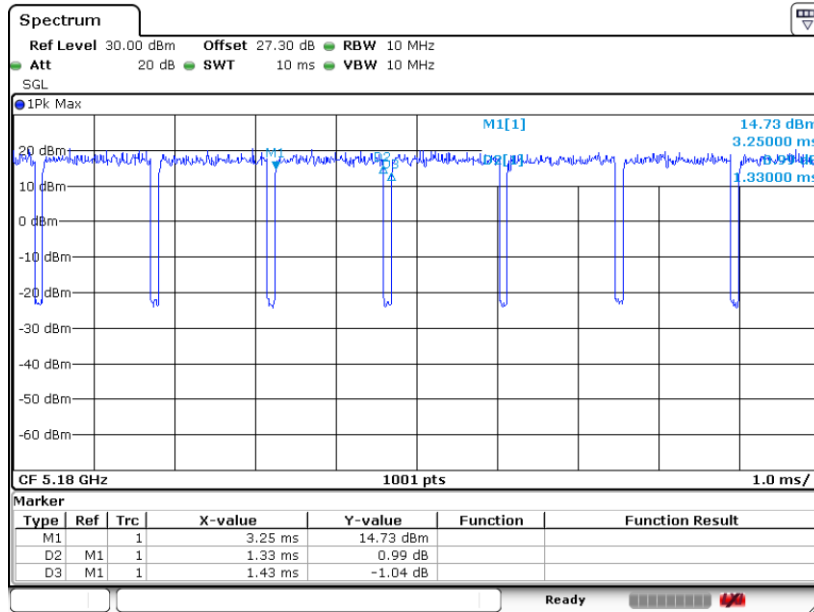
802.11a



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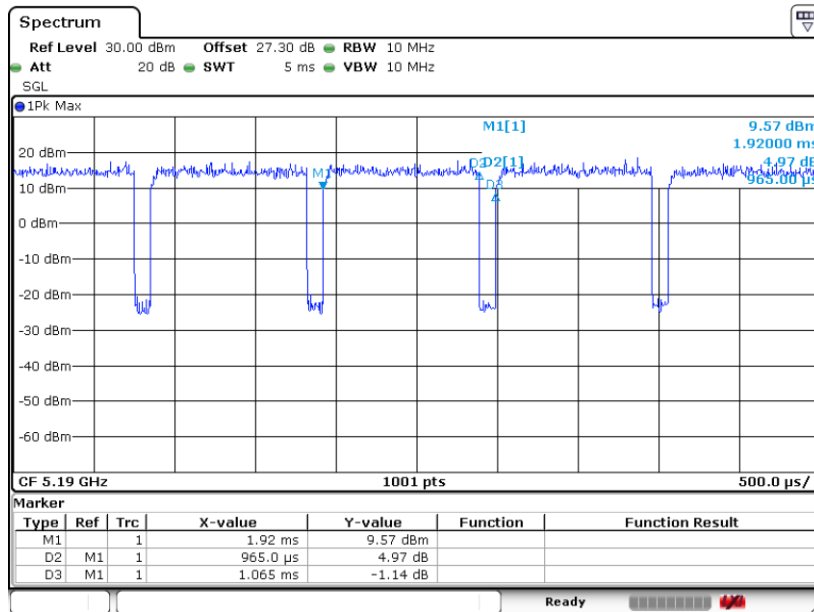


802.11n HT20



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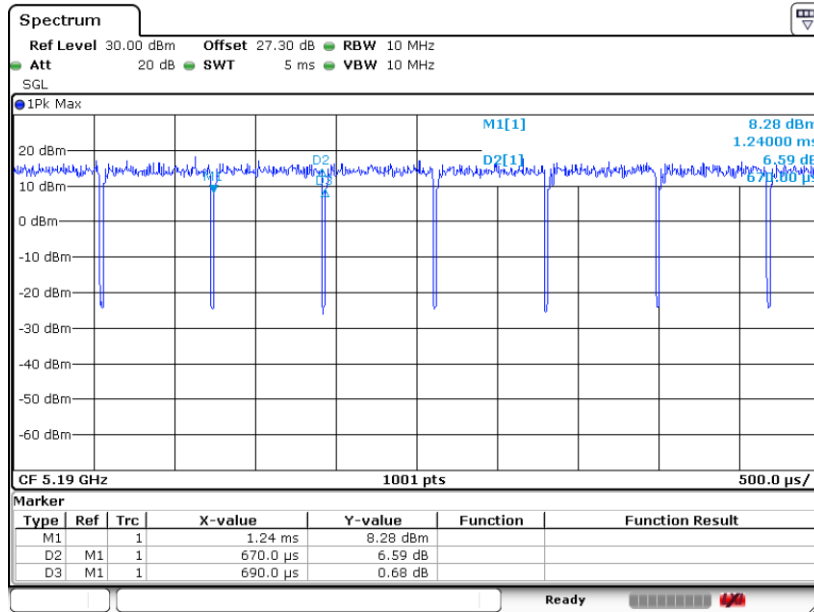
802.11n HT40



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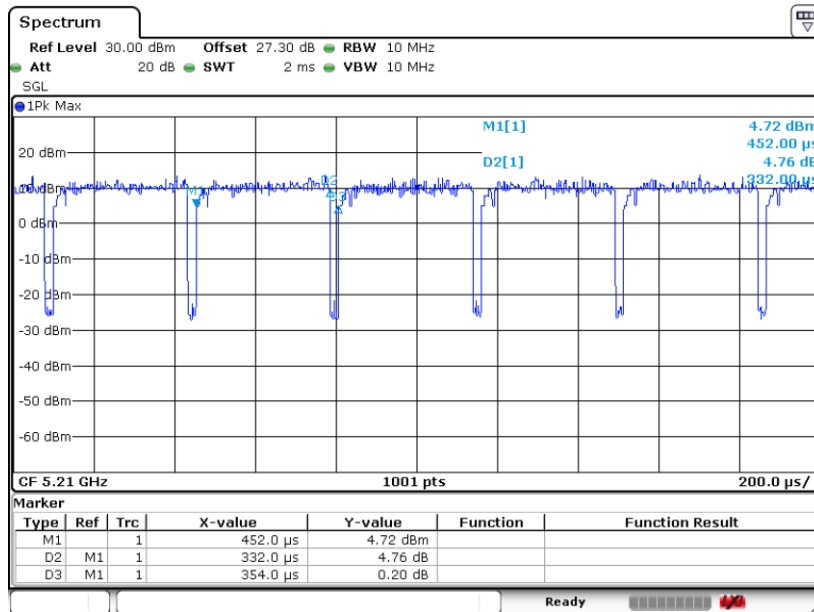


802.11ac VHT40



Date: 15.NOV.2019 19:37:08

802.11ac VHT80



Date: 15.NOV.2019 19:56:48