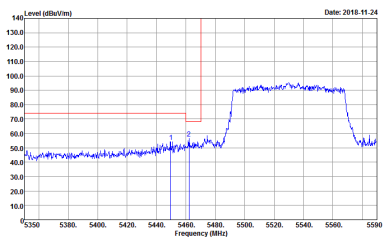
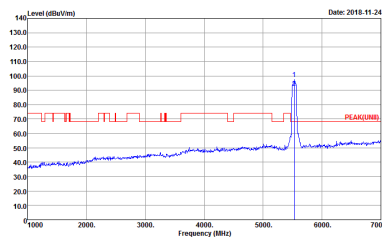
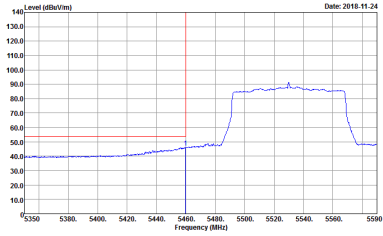


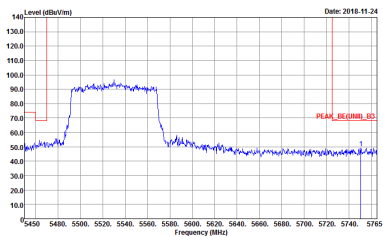


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - R	
1	Horizontal	Fundamental
Peak	<p>Site : D3CH11-4V Condition : PEAK_BE([UNIT]), B3 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz, VBW:3000.000KHz, SWF:Auto Detector : Peak Project : 882923-01</p>	Left blank

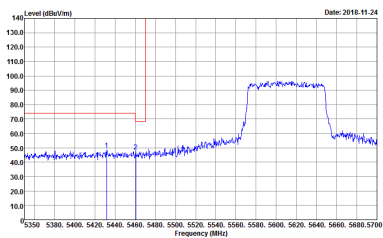
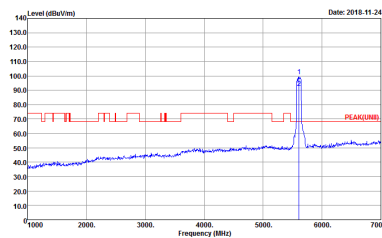
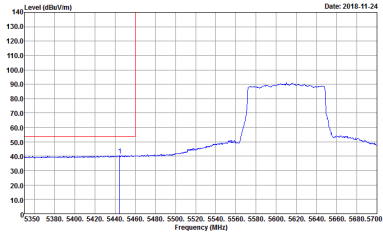


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - L	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE(UNIT), B3 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 882923-01</p>	 <p>Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 882923-01</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE(UNIT), B3 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 882923-01</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - R	
1	Vertical	Fundamental
Peak	 <p>Site : D3CH11-4V Condition : PEAK_BE([UNIT]), B3 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 882923-01</p>	Left blank

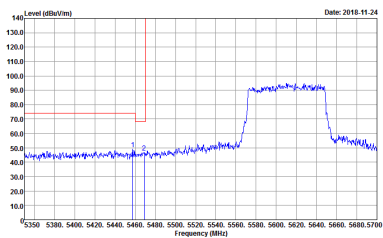
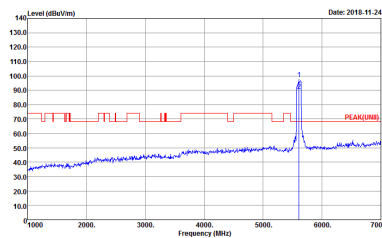
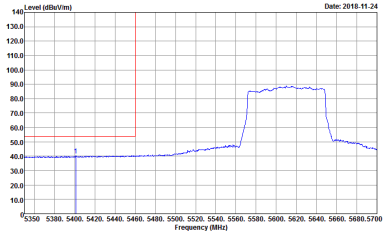


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE[UNIT], B3 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 882923-01</p>	 <p>Site : 03CH11-HY Condition : PEAK[UNIT] 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 882923-01</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE[UNIT], B3 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 882923-01</p>	Left blank

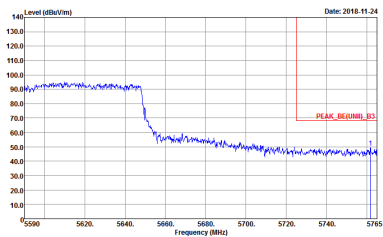


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - R	
1	Horizontal	Fundamental
Peak	<p>Site : D:\CH11-1\FY Condition : PEAK_BE([UNIT]), B3 3m HORN 91200-HF HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWF:Auto Project : 882923-01</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - L	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE[UNITE], B3 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 882923-01</p>	 <p>Site : 03CH11-HY Condition : PEAK[UNITE] 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 882923-01</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE[UNITE], B3 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 882923-01</p>	Left blank



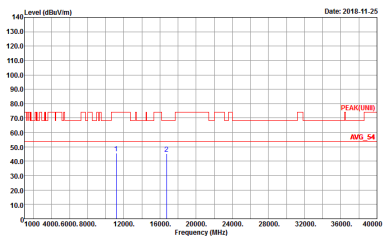
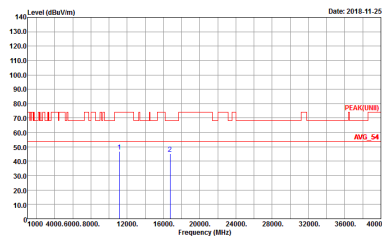
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - R	
1	Vertical	Fundamental
Peak	 <p>Site : D:\CH11-1\FY Condition : PEAK_BE([UNIT]), B3 3m HORN 91200-HF VERTICAL Detector : Peak Project : 882923-01</p>	Left blank



Band 3 - 5470~5725MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH100 5500MHz	
1	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH11-HY Condition : PEAK(LINE1) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 882923-01</p>	<p>Site : 03CH11-HY Condition : PEAK(LINE1) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 882923-01</p>



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH116 5580MHz	
1	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	 <p>Site : 03CH11-14Y Condition : PEAK(LINEI) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 882923-01</p>	 <p>Site : 03CH11-14Y Condition : PEAK(LINEI) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 882923-01</p>



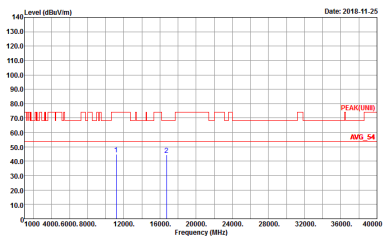
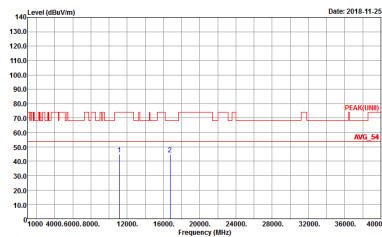
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH140 5700MHz	
1	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH11-14Y Condition : PEAK(LINEI) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 882923-01</p>	<p>Site : 03CH11-14Y Condition : PEAK(LINEI) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 882923-01</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
<p>Peak</p> <p>Avg.</p>	<p>Site : 03CHI1-HY Condition : PEAK(LINII) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 882923-01</p>	<p>Site : 03CHI1-HY Condition : PEAK(LINII) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 882923-01</p>



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH116 5580MHz	
1	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	 <p>Site : 03CH11-14Y Condition : PEAK(LINEI) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 882923-01</p>	 <p>Site : 03CH11-14Y Condition : PEAK(LINEI) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 882923-01</p>



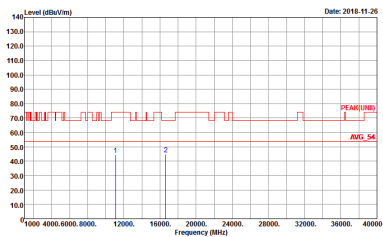
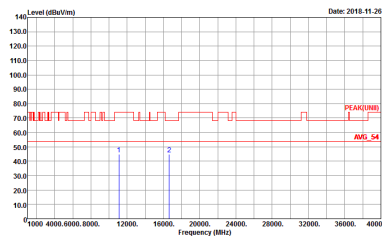
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH11-14Y Condition : PEAK(LINEI) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 882923-01</p>	<p>Site : 03CH11-14Y Condition : PEAK(LINEI) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 882923-01</p>



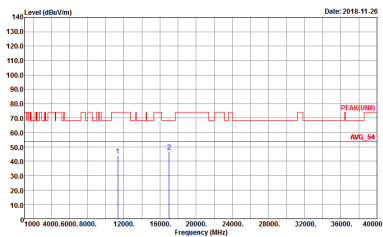
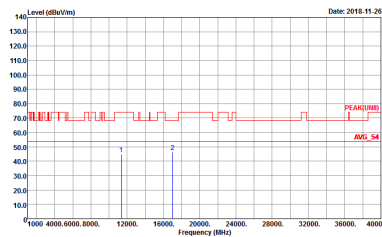
**Band 3 5470~5725MHz
WIFI 802.11n HT40 (Harmonic @ 3m)**

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT40 CH102 5510MHz	
1	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	<p>Site : 03CHI1-HY Condition : PEAK(LINII) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 882923-01</p>	<p>Site : 03CHI1-HY Condition : PEAK(LINII) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 882923-01</p>



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT40 CH110 5550MHz	
1	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	 <p>Site : 03CH11-14Y Condition : PEAK(LINE1) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 882923-01</p>	 <p>Site : 03CH11-14Y Condition : PEAK(LINE1) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 882923-01</p>



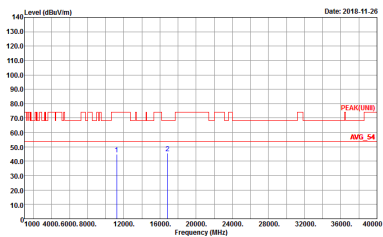
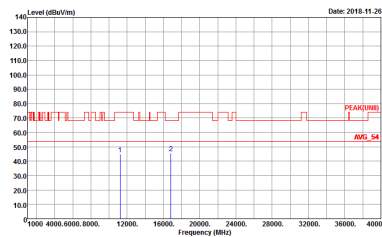
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT40 CH134 5670MHz	
1	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH11-14Y Condition : PEAK(LINE1) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 882923-01</p>	 <p>Site : 03CH11-14Y Condition : PEAK(LINE1) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 882923-01</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
<p>Peak</p> <p>Avg.</p>	<p>Site : 03CHI1-HY Condition : PEAK(LINII) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 882923-01</p>	<p>Site : 03CHI1-HY Condition : PEAK(LINII) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 882923-01</p>



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz	
1	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	 <p>Site : 03CH11-14Y Condition : PEAK(LINEI) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 882923-01</p>	 <p>Site : 03CH11-14Y Condition : PEAK(LINEI) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 882923-01</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
<p>Peak</p> <p>Avg.</p>	<p>Site : 09CH11-HY Condition : PEAK(LINE) 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 882923-01</p>	<p>Site : 09CH11-HY Condition : PEAK(LINE) 3m HORN 91200-HF VERTICAL Detector : Peak Project : 882923-01</p>



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

Table with 2 columns: WIFI (1), ANT (802.11n HT20 CH144 5720MHz). Sub-columns: Horizontal, Vertical. Each sub-column contains a spectral plot (Level vs Frequency) and technical details (Site, Condition, Detector, Project).



**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 : 03CHI1-HY Condition : PEAK(UNIT) 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 882923-01</p>	<p>Site : 03CHI1-HY Condition : PEAK(UNIT) 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 882923-01</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
<p>Peak</p> <p>Avg.</p>	<p>Site : 03CHI1-HY Condition : PEAK(UNIT) 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 882923-01</p>	<p>Site : 03CHI1-HY Condition : PEAK(UNIT) 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 882923-01</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 : 03CH11-HY Condition : PEAK(LINE1) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 882923-01</p>	<p>Site : 03CH11-HY Condition : PEAK(LINE1) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 882923-01</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
<p>Peak</p> <p>Avg.</p>	<p>Site : 03CHI1-HY Condition : PEAK(LINII) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 882923-01</p>	<p>Site : 03CHI1-HY Condition : PEAK(LINII) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 882923-01</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
<p>Peak</p> <p>Avg.</p>	<p>Site : 03CHI1-HY Condition : PEAK(LINII) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 882923-01</p>	<p>Site : 03CHI1-HY Condition : PEAK(LINII) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 882923-01</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
<p>Peak</p> <p>Avg.</p>	<p>Site : 03CHI1-HY Condition : PEAK(LINII) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 882923-01</p>	<p>Site : 03CHI1-HY Condition : PEAK(LINII) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 882923-01</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 : 03CH11-HY Condition : QP 3m BE-LOG 6111D-LF_ETC HORIZONTAL Detector : Peak Project : 882923-01</p>	<p>Site : 03CH11-HY Condition : QP 3m BE-LOG 6111D-LF_ETC VERTICAL Detector : Peak Project : 882923-01</p>

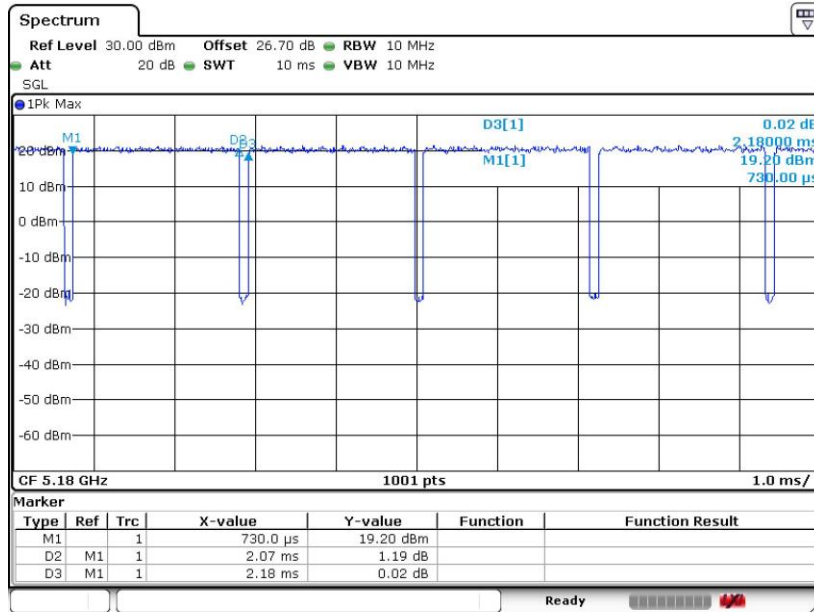


Appendix E. Duty Cycle Plots

Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting	Duty Factor(dB)
802.11a	94.95	2070	0.48	1kHz	0.23
5GHz 802.11n HT20	94.12	1920	0.52	1kHz	0.26
5GHz 802.11n HT40	90.87	945	1.06	3kHz	0.42
5GHz 802.11ac VHT20	94.61	1930	0.52	1kHz	0.24
5GHz 802.11ac VHT40	88.32	945	1.06	3kHz	0.54
5GHz 802.11ac VHT80	86.71	600	1.67	3kHz	0.62

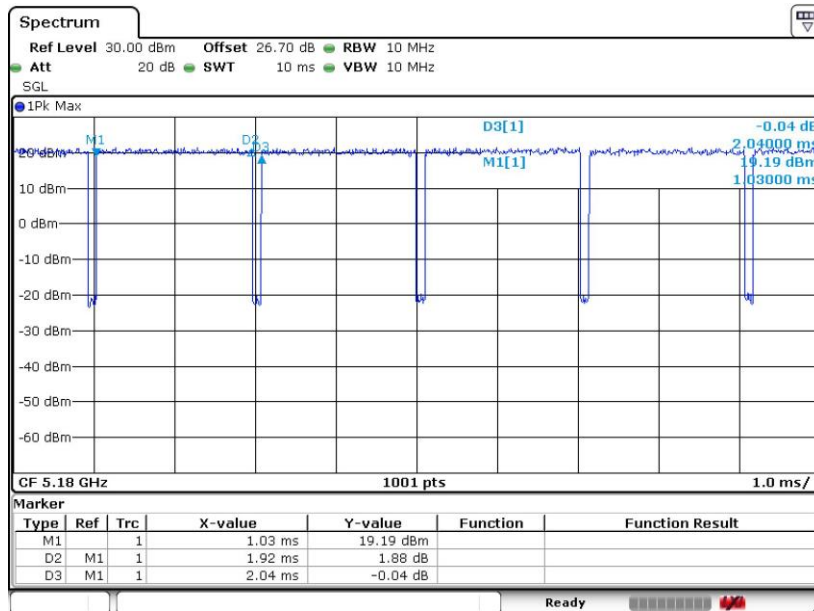


802.11a



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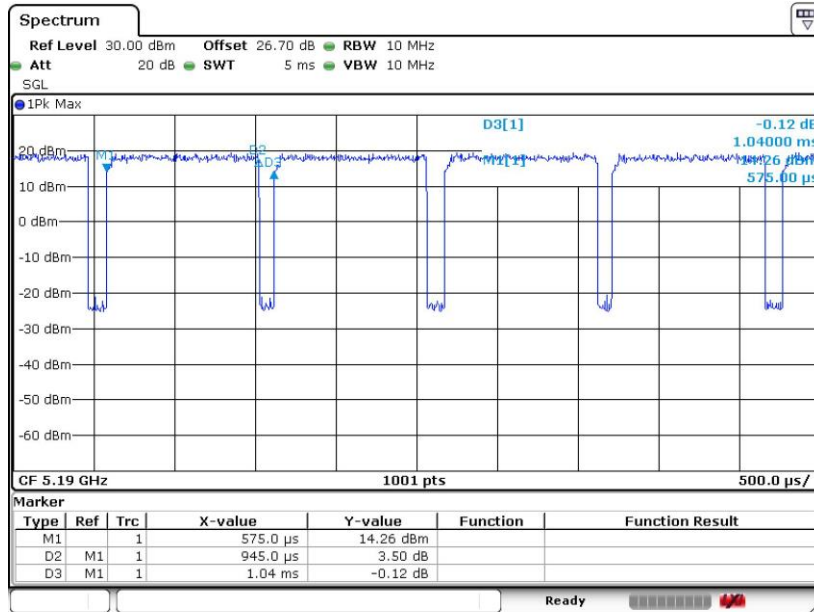
802.11n HT20



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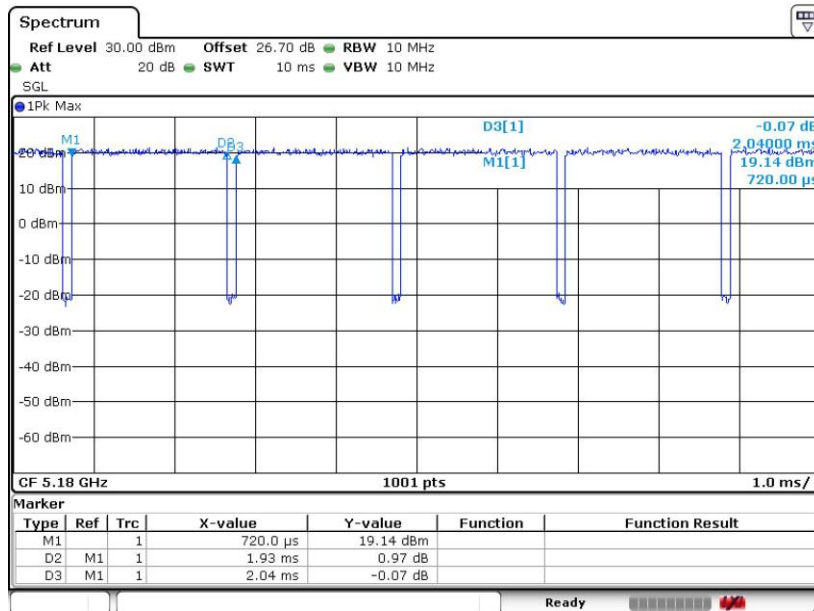


802.11n HT40



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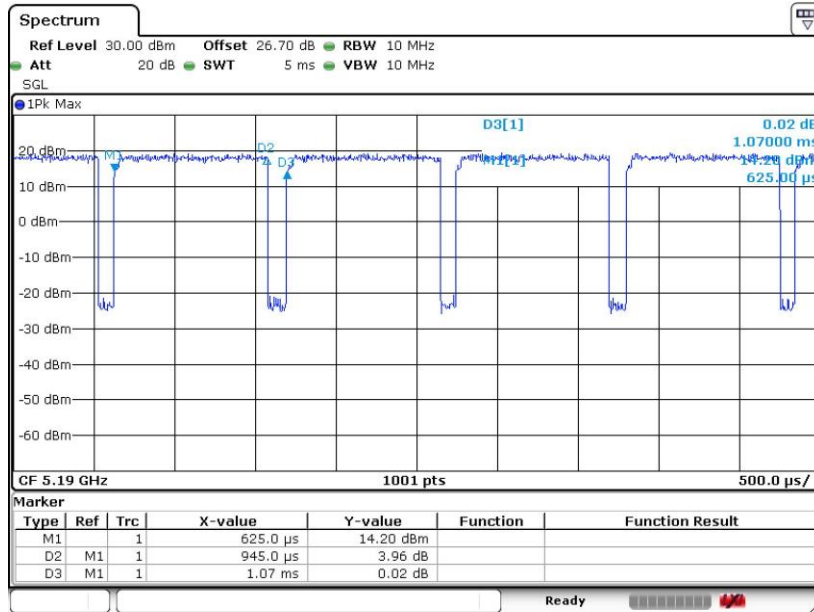
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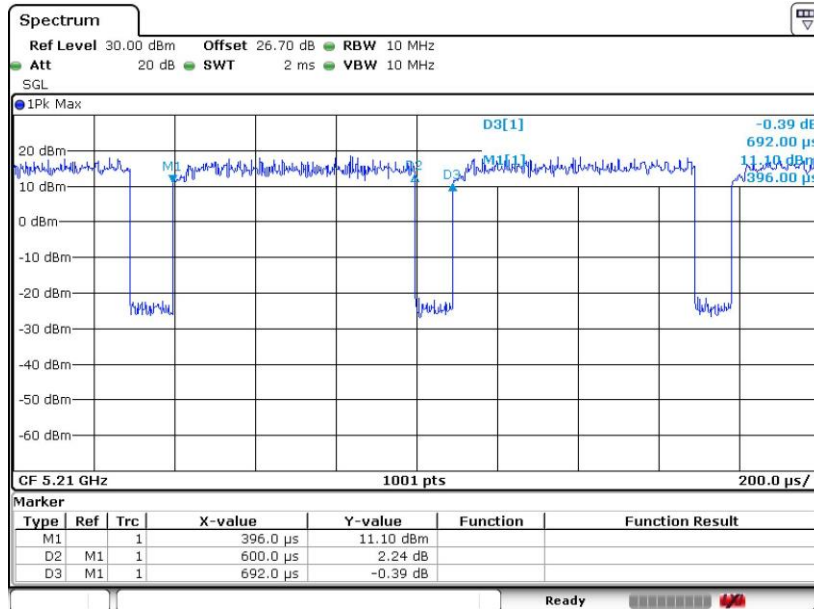


802.11ac VHT40



Date: 14.SEP.2018 10:36:31

802.11ac VHT80



Date: 14.SEP.2018 10:38:15

————THE END————